Specific Implementation Plan (SIP)

Prairie Pines Golf Club - SIP Phase 1 - Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

Prepared For:
Pete and Jen Simon
PAC Acquisitions LLC
1010 N. Bird Street
Sun Prairie, WI, 53590

Prepared By:
Vierbicher
600 W. Virginia St., Suite 601
Milwaukee, WI 53204

Prepared On:
April 16, 2024

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600 W. Virginia Street, Suite 601
Milwaukee, Wisconsin 53204
(262) 875-5000 phone
www.vierbicher.com

April 19, 2024

Kory D. Anderson, PE,
Town of Bristol Zoning Administrator
916 Silver Lake Drive Po Box 340
Portage, WI 53901

Re: Prairie Pines Golf Club SIP Phase 1 - Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

Kory,

We are pleased to submit this Specific Implementation Plan (SIP) for Prairie Pines Golf Club SIP Phase 1 to the Town of Bristol. This submission is a continuation of the process that commenced with GDP submission February 22, 2024. PAC Acquisitions LLC will be the developer for this project, with engineering and entitlement assistance from Vierbicher & design by Angus Young.

The project creates a one-story new clubhouse comprising 6,885 sq. ft as well as a new one-story venue space containing 6,809 sq. ft. This new structure straddles parcels 012/0911-301-8500-4 and 012/0911-302-8000-8. This effort, labeled Phase 1, requires a two-phase demolition of the existing clubhouse, as well as construction of the new facilities, including accompanying parking lot, in two phases. Potential future residential development along Happy Valley Road would occur as a separate effort, representing a standalone phase requiring its own SIP approval.

All conditions of the General Development Plan (GDP) approval have or will be met. The appendices contain, Developer Agreement, grading, drainage, and landscape plans. Erosion control and stormwater management plan and calculations will be addressed with site plan approval.

We are pleased to submit to you this Specific Implementation Plan for Prairie Pines Golf Club SIP Phase 1 project in the Town of Bristol. We respectfully request approval of the Specific Implementation Plan.

Sincerely,

Pete Simon
PAC Acquisitions LLC
1010 N. Bird Street
Sun Prairie, WI, 53590

cc: Town of Bristol Planning Commission
John Kastner, PE, Vierbicher
Steven Parse, PE, Vierbicher

M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\Zoning\SIP\Report\In Process\Ghostwritten PAC Acquisitions LLC Letter of Intent.docx

Specific Implementation Plan

1.1 Location, Ownership, and PUD Zoning District Need

PAC Acquisitions LLC, a Wisconsin limited liability company ("Developer"), being the owner of the land located in the West ½ of the NE ¼; the East ½ of the NW ¼; and the East 10 acres of the West ½ of the NW ¼ in Section 30, T9N, R11E, as legally described in **Exhibit A** and portrayed in **Exhibit B** attached hereto, Town of Bristol, Dane County, Wisconsin ("the Property"), and also being the developer of the Property, hereby submit the following Specific Implementation Plan ("SIP") for the development of the Property in the Planned Unit Development ("PUD") District, pursuant to Sec. 1.057 of the Town of Bristol Zoning Ordinance:

Parcel No.	Size (Ac)
012/0911-301-9000-7 (SW/NE)	40.0
012/0911-301-8500-4 {NW/NE)	40.0
012/0911-302-9500-1 {SE/NW)	40.0
012/0911-302-8000-8 (NE/NW)	40.0
012/0911-302-9000-6 (SW/NW)	5.0
012/0911-302-8500-3 (NW/NW)	5.0

The development described in this SIP is a unique commercial project for the Town of Bristol, with several different permitted uses related to golf course and event space, identified below.

The Property shall be used for the operation of a commercial project and recreational activities, which may include the following uses and uses incidental thereto:

a) Golf course-related activities and events;
b) food and beverage preparation, sales and service for on and off premises consumption, including, but not limited to, restaurants, and including, but not limited to employees and the general public, whether with or without alcoholic, liquor and/or malt beverages, and which may include outdoor seating, all without a conditional use permit;
c) vehicle parking, accessory to any permitted or conditional uses;
d) event space and its associated uses;
e) stormwater management facilities, landscaped areas, employee and customer recreational areas and open space;
f) signage as approved in the applicable SIP;
g) uses and activities accessory or incidental to the permitted uses in this GDP or any approved conditional uses, including, but not limited to, drive-up, self-service or automated windows or vending services, including automated tellers and food and beverage services.
h) Residential uses along Happy Valley Road, which would occur in a separate phase with its own SIP submission, may include:
    i. Single-family housing products accessed by individual driveways onto Happy Valley Road and served by private on-site wastewater treatment system (POWTS). The houses would be on a fraction of parcels 012/0911-302-8000-8, 012/0911-301-8500-4, and 012/0911-302-8500-3. AND/OR
    ii. Townhome housing products on a fraction of parcel 012/0911-302-8000-8, 012/0911-301-8500-4, and 012/0911-302-8500-3. Access to these two collections of townhomes would be via private streets, with a private street serving the townhomes on parcel 012/0911-302-8000-8 and 012/0911-302-8000-8, and another private street serving the parcels on a fraction of parcel 012/0911-301-8500-4. The townhomes would be served by POWTS.

Given the unique nature of the project, the Developer desires to use PUD zoning to provide the Developer and the Town with the flexibility to manage approval and development of the Property to allow a high level of control over the land's development.

No uses shall be permitted within the Property which are not permitted uses under the provisions of the GDP, or future amendments to the GDP.

1.2 Commercial Area – Zoning Requirements

The following standards shall control the primary, secondary, or tertiary structures and their uses, including supporting uses, within the Property.

The street width, setback, lot size, height, lot coverage and area regulations contained in the Town of Bristol Zoning Ordinance do not apply to the Property, and instead these matters shall be governed by this SIP, the GDP, or amended GDP or SIP's.

Street width - There are no public streets within the Property; privately-owned driveways serving the parking lot will be 24 ft in width, and cart paths will vary between 7 - 26 ft in width.

Setbacks - The setbacks along the exterior boundaries of the Property with adjoining lands shall be 10 feet in the front and rear yard and 5 feet in the side yards. The setbacks along the interior boundaries of any parcels created within the Property, with the interior boundaries of any other parcels created within the Property, shall be 0ft. It should be noted no setback is intended along the interior parcel line of parcels 012/0911-302-8000-8 and 012/0911-301-8500-4, as the clubhouse wing of the clubhouse & venue building straddles this interior parcel line.

Height - The maximum height for any principal buildings located within any parcels on the Property shall be 40ft, inclusive of architectural features, if any. The maximum height for any accessory buildings located within any parcels on the Property shall be 30ft.

Lot Coverage - The maximum lot area within any parcel within the Property shall be thirty (30) percent.

Floor Area Ratio (FAR) - The maximum floor area ratio (FAR) within any parcel within the Property shall be 0.50.

Outdoor Storage - There shall be no outside storage on the Property, except for:

a) Motor vehicles for patrons, employees, or contractors performing work on the Property, or

b) Vehicles (including trailers) to be loaded or unloaded on the Property, or

c) Golf course equipment, machinery, and implements, or

d) Construction equipment actively used during construction or renovation periods.

Parking - The Property shall comply with the "Flex Parking" requirements under the Town of Bristol Zoning Ordinance §1.078 & §1.079. The provisioned parking would fulfill the "Intensive Parking" requirement of 9 spaces per 1,000 sq. ft. floor area in Code. This SIP diverges from Town Code for parking space length, which shall be 18 ft versus 10 ft in Town Code.

1.3 Design Standards

The Property will be designed to create an attractive and cohesive aesthetic. For example, **Exhibit D – Architectural Plans**' Sheet A402 portrays Hardie Board and Batten siding and veneer stone with wood-grain soffit panel that accents the standing seam metal roof for the clubhouse & venue building. It is the Developer's intent that the future development of the Property shall be conducted in accordance with this Specific Implementation Plan ("SIP") approved by the Town of

Bristol, subject to the provisions of the GDP. It is anticipated that if the Developer seeks amendments to the GDP and/or approvals of revised SIP's within the Property, the amendments will be subject to approval of the Town Board.

The Developer does need not to complete a prior building or phase before being issued a building permit or occupancy permit for another building or phase. Prior to commencing construction of any building phase, the Developer shall submit such plans to the Town for approval in accordance with the GDP, this SIP, and the Town of Bristol Zoning Code.

1.4 Site Plan

The building (clubhouse and event venue) plus parking lot are planned as one effort representing one phase in this SIP. Within this effort, there are subphases for demolition and creation of the new amenities. **Exhibit X – Site Plan** contains specifics on process, timeline, design, and materials that are herein incorporated into this SIP.

1.5 Streets and Utilities

Access to public streets for the Property shall be to and from Happy Valley Road. Roads, driveways, and cart-paths within the Property shall be private facilities constructed in two (2) phases. The access to the public road and the private facilities' locations shall be located as provided in **Exhibit C – Site Plan,** sheets C400-C401.

The Property shall be served by one (1) potable water well, plus one (1) private on-site wastewater treatment system (POWTS). under the Wisconsin Plumbing Code, as administered by the Dane County Environmental Health Department. The Property will be served by electric, energy, communications or other utility services from public or private utilities authorized and available to serve the Property, and the Developer or such utilities, but not the Town of Bristol, shall be responsible for all costs for the installation of such utility service.

1.6 Landscaping & Lighting

The site lighting may vary in scale and intensity for the different uses within the development. All fixtures and poles will be the same style and color.

Landscape will be designed to be harmonious across the development. Native plant species will be used, except where specific ornamental or other desirable features can only be provided by non-native plants. Further information is included in **Exhibit C – Landscape Plan** sheets L100-L200.

1.7 Signage

Signs shall be permitted within the Property as allowed by the signage provisions of the Town of Bristol Zoning Ordinance, with each separate building with the Property to be treated as if it was on a separate zoning lot for determining the number, location and size of sign permitted within the Property.

Appendices

Exhibit A – Legal Description

Exhibit B – Rezoning Exhibit

Exhibit C – Civil/Site Plans

Exhibit D - Architectural Plans

Exhibit E - Developer's Agreement

Exhibit A: Legal Description

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17 Jan 2024 - 2:34p M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\203117 Zoning Exhibit.dwg by: spar

LEGAL DESCRIPTION (per Warranty Deed Doc. 5890688):

The West 1/2 of the Northeast 1/4; the East 1/2 of the Northwest 1/4; and the East 10 acres of the West 1/2 of the Northwest 1/4 of Section 30, Town 9 North, Range 11 East, all in the Town of Bristol, Dane County, Wisconsin.

Parcel No. 012/0911-301-9000-7 (SW/NE)
Parcel No. 012/0911-301-8500-4 (NW/NE)
Parcel No. 012/0911-302-9500-1 (SE/NW)
Parcel No. 012/0911-302-8000-8 (NE/NW)
Parcel No. 012/0911-302-9000-6 (SW/NW)
Parcel No. 012/0911-302-8500-3 (NW/NW)

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Job #.: 203117
Date: 1/17/2024
Rev: 1/17/2024
Drafted By: BROZ
Checked By: SPAR

EXHIBIT A
LEGAL DESCRIPTION

SHEET 1 OF 1

Exhibit B: Rezoning Exhibit

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NW COR.
SEC. 30-09-11
CAST ALUM. MON.
N 537,335.31
E 858,434.51

HAPPY VALLEY ROAD

N. LINE NE ¼ SEC. 29-9-10

66' WIDE PUBLIC R/W

PARCEL #:
012/0911-302-8500-3

PARCEL #:
012/0911-302-8000-8

E. LINE NE ¼ SEC. 29-9-10

PARCEL #:
012/0911-301-8500-4

E 10 AC. W ½ - NW 1/4 SEC. 30-09-11

EAST ½ OF THE
NW ¼ OF SECTION 30,
T09N, R11E

WEST ½ OF THE
NE ¼ OF SECTION 30,
T09N, R11E

PARCEL #:
012/0911-302-9500-1

PARCEL #:
012/0911-301-9000-7

PARCEL #:
012/0911-302-9000-6

GRAPHIC SCALE, FEET

0 250 500 1000

17 Jan 2024 - 2:35p M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\203117 Zoning Exhibit.dwg by: spar

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Job #.: 203117
Date: 1/17/2024
Rev: 1/17/2024
Drafted By: BROZ
Checked By: SPAR

EXHIBIT B
RE-ZONING EXHIBIT

SHEET 1 OF 1

Exhibit C: Civil/Site Plans

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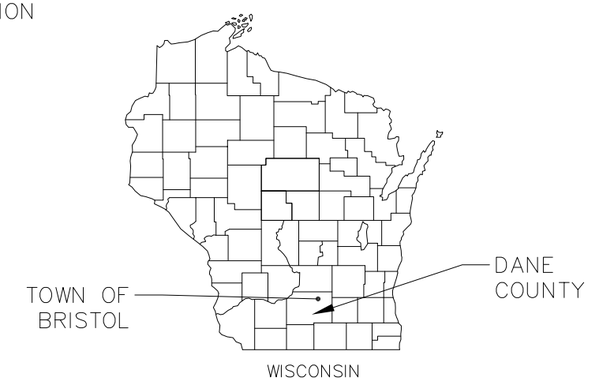
PRAIRIE PINES GOLF CLUB

CLUBHOUSE AND PARKING LOT DEVELOPMENT

TOWN OF BRISTOL, DANE COUNTY, WISCONSIN

ADDENDUM 2





SHEET NO.	DESCRIPTION
C100	TITLE SHEET
C200	EXISTING CONDITIONS
C300–C301	DEMOLITION PLAN
C400–C401	SITE PLAN
C500–C504	GRADING PLAN
C600–C609	UTILITY PLAN
C700–C704	DETAILS
L100	LANDSCAPE PLAN
L200	LANDSCAPE PLAN

1

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1–800–242–8511

ISSUED DATE: 3/26/2024

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Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

Title Sheet

REVISIONS

NO.	DATE	REMARKS
1	3/27/24	Addendum 2

REVISIONS

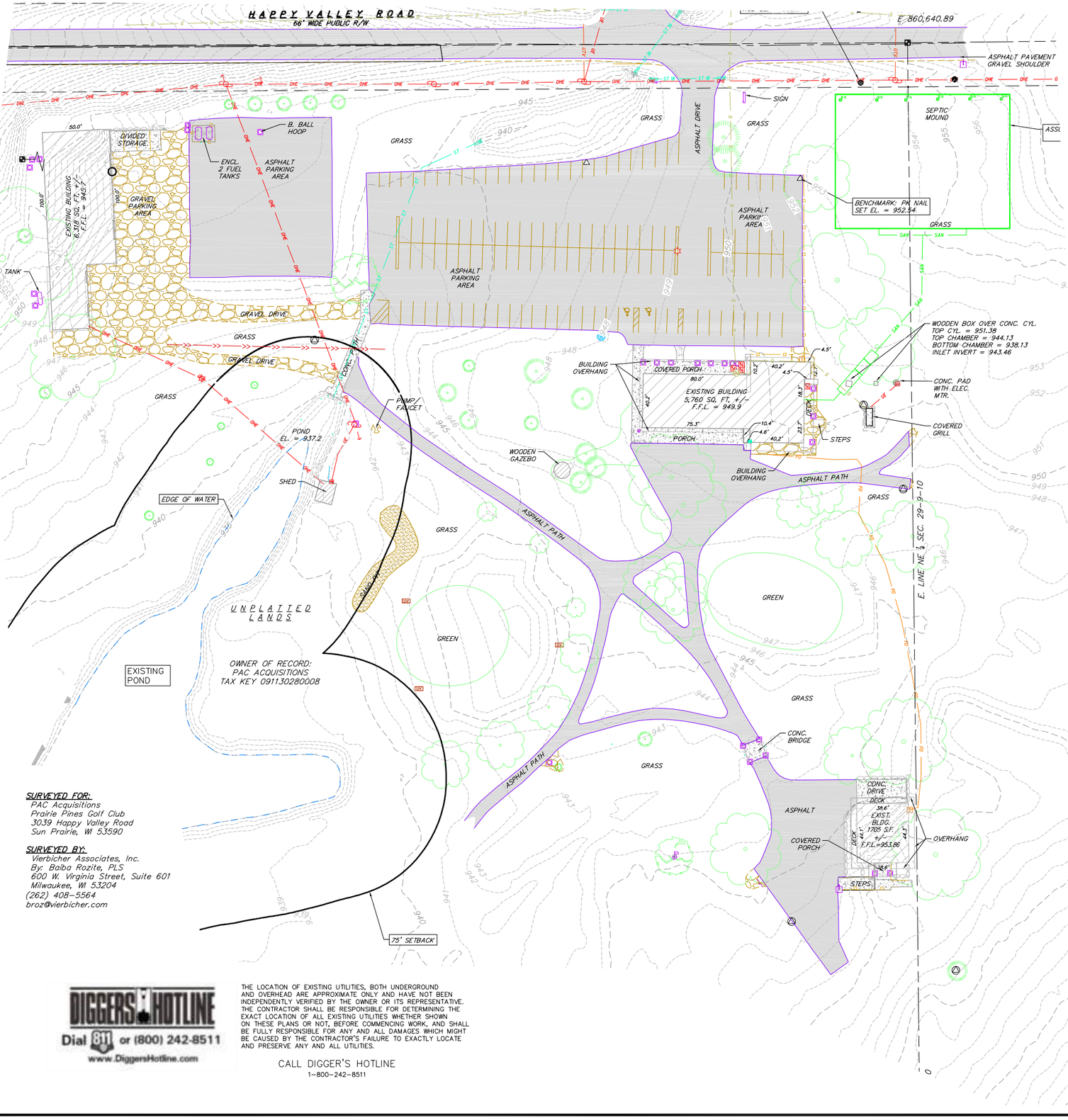
NO.	DATE	REMARKS

DATE 03/26/2024
DRAFTER ZFLI
CHECKED SPAR
PROJECT NO. 230117
SHEET C100

27 Mar 2024 - 10:26a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117 Details.dwg by: zfli

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27 Mar 2024 - 10:27a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117 Existing Conditions.dwg by: zfi



GENERAL SURVEY NOTES:

1) This survey is based upon field work performed on April 21, 2023. Any changes in site conditions after April 21, 2023 are not reflected by this survey.

2) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that the current title search may disclose.

3) No attempt has been made as a part of this survey to obtain or show data concerning size, depth, condition or capacity of any utility or municipal/public service facility. For information regarding these utilities or facilities contact the appropriate agencies.

4) Utility locations were field located based upon substantial, visible, above ground structures, upon maps provided to the surveyor, or upon markings on the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by others or that all underground utilities affecting this property were marked and subsequently located for this survey. A locate request was sent to Digger's Hotline per Digger's Hotline One-Call ticket numbers 20231515155 & 20231515158. Location of buried private utilities are not within the scope of this survey.

5) Before excavation, appropriate utility companies should be contacted. For exact location of underground utilities, contact Digger's Hotline at 1-800-242-8511.

6) Elevations are based on NAVD88 vertical datum, 2018 Geoid.

7) Locations of existing irrigation should be verified with the Client/Property Manager.

N

W E

S

0 40 80

SCALE: ONE INCH = FORTY FEET

BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, WISCONSIN. THE NORTH LINE OF THE NW 1/4 OF SECTION 30-09-11 MEASURED AS BEARING N89°39'30"E

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING GRAVEL SURFACE
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE

SURVEY LEGEND

- BENCHMARK
- PUBLIC LAND CORNER AS NOTED
- FOUND 3/4" ø IRON ROD
- SET NAIL
- SET P.K. NAIL

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING ENDWALL
- EXISTING ROOF DRAIN
- EXISTING SEPTIC VENT
- EXISTING WELL
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE

SURVEYED FOR:
PAC Acquisitions
Prairie Pines Golf Club
3039 Happy Valley Road
Sun Prairie, WI 53590

SURVEYED BY:
Vierbicher Associates, Inc.
By: Baiba Rozite, PLS
600 W. Virginia Street, Suite 601
Milwaukee, WI 53204
(262) 408-5564
broz@vierbicher.com

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

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Existing Conditions

Prairie Pines Golf Club
3039 Happy Valley Rd.
NE 1/4 - NW 1/4, Sec. 30, T09N, R11E, Town of Bristol, Dane County, WI

REVISIONS

NO.	DATE	REMARKS
1	3/27/24	Addendum 2

REVISIONS

NO.	DATE	REMARKS

DATE 1/31/2023
DRAFTER BROZ
CHECKED SPAR
PROJECT NO. 230117
SHEET C200

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

¼ SEC. 29-9-10
"W 2206.42'

N 1/4 COR.
SEC. 30-09-11
CAST ALUM. MON.
N 537,348.47
E 860,640.89

REMOVE EXISTING POWTS AS NEEDED, ABANDON REMAINING PIPING. CONTRACTOR SHALL COORDINATE WITH ARCHITECT TO VERIFY SOIL CONDITIONS UNDER PROPOSED BUILDING.

TREE PROTECTION

115 FEET ASPHALT SAWCUT

EX. BUILDING
6,318 SF
F.F. 945.70

ABANDON WELL ONCE NEW WELL IS ACTIVE

REMOVE, STORE, AND RELOCATE GAZEBO

SAND TRAP

EDGE OF WATER

EXISTING POND

PHASE 1 DISTURBED LIMITS

UNPLATTED LANDS

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130280008

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130185004

75 FOOT SETBACK

E. LINE NE ¼ SEC. 29-9-10

N00°39'12"W 2640.38'

NW ¼ – NE ¼

DEMOLITION PLAN LEGEND

- ASPHALT REMOVAL
- BUILDING REMOVAL
- TEMPORARY GRAVEL PATH
- GRAVEL PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- TREE REMOVAL
- UTILITY STRUCTURE REMOVAL
- TREE PROTECTION
- UTILITY LINE REMOVAL
- LIMITS OF DISTURBANCE
- POND SETBACK
- EXISTING POWTS TO BE REMOVED
- 820 EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS
- LIMITS OF DISTURBANCE – PHASE 1
- LIMITS OF DISTURBANCE – PHASE 1 & 2

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

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Demolition Plan - Phase 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	
REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
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CHECKED SPAR
PROJECT NO. 230117
SHEET C300

27 Mar 2024 - 10:27a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117_Demolition Plan.dwg by: zfli

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27 Mar 2024 - 10:28a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117_Demolition Plan.dwg by: zfli

HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

SEC. 29-9-10
N 2206.42'

N 1/4 COR.
SEC. 30-09-11
CAST ALUM. MON.
N 537,348.42
E 860,640.89

EX. BUILDING
6,318 SF
F.F. 945.70

TREE PROTECTION

EDGE OF WATER

EXISTING POND

SAND TRAP

GRAVEL

UNPLATTED LANDS

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130280008

EXISTING POND

EDGE OF WATER

75 FOOT SETBACK

FUTURE TURN HOUSE

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130185004

UNPLATTED LANDS

NE ¼ – NW ¼

N00°39'12"W 2640.38'
E. LINE NE ¼ SEC. 29-9-10

SEC. 29-9-10
E. LINE

NW ¼ – SE ¼

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

DEMOLITION PLAN LEGEND

- ASPHALT REMOVAL
- CONCRETE REMOVAL
- BUILDING REMOVAL
- GRAVEL REMOVAL
- CONCRETE PAVEMENT REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL
- LIMITS OF DISTURBANCE
- POND SETBACK
- 820 EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS
- LIMITS OF DISTURBANCE – PHASE 2
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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Demolition Plan - Phase 2

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS

NO.	DATE	REMARKS
1	3/27/24	Addendum 2

REVISIONS

NO.	DATE	REMARKS

DATE
2/21/2024

DRAFTER
ZFLI

CHECKED
SPAR

PROJECT NO.
230117

SHEET
C301

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27 Mar 2024 - 10:29a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117_Site Plan.dwg by: zfl

HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

NORTH BASIN

8'X4' RIPRAP OUTLET

27.8'
42.7'
12.4'
17.0'
120.0'
18.7'
24.0'
18.0'

EX. BUILDING
6,318 SF
F.F. 945.70

5.0'
177.0'
19.0'

SOUTH BASIN

4'X4' RIPRAP OUTLET

UD INVERT = 938.50
EX. 12" CMP INVERT APPROX = 935.92
ESTIMATED TOP = 937.00

8'X4' RIPRAP OUTLET

SAND TRAP

CART PATH

18 GREEN

75 FEET SHORELAND ZONING SETBACK

50.8'

PROPERTY LINE

4,600 SF CART STORAGE BUILDING FFE=953.50

325.2'

335.1'

334.4'

SWALE

108.0'

NEW EVENT VENUE
6,875 SF
FFE=951.00

CLUBHOUSE / RESTAURANT
6,850 SF
FFE=951.00

STAIRS

35.7'

5.0'

8.0'

6.0'

26.0'

R25'

14.0'

FUTURE PRACTICE GREEN

FUTURE PRACTICE AREA

FUTURE DRIVING RANGE

10 TEE

FUTURE TURN HOUSE

8'X4' RIPRAP OUTLET

DRY POND
–CONSTRUCTED
BY OTHERS

8'X5' RIPRAP OUTLET

SECTION LINE

PARCEL #: 091130280008
OWNER: PAC ACQUISITIONS LLC

PARCEL #: 091130185004
OWNER: PAC ACQUISITIONS LLC

NOTES:
1. SEE SHEET C101 FOR PATIO DETAILS AND GOLF CART PARKING STRIPING.
2. SEE SHEET C800 FOR WALL, STEPS, AND PLANTER DETAIL.

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED NEW PAVEMENT
- PROPOSED SIGN
- PROPOSED BOLLARD
- PROPOSED HANDICAP PARKING
- PROPOSED RIPRAP
- PROPOSED GRAVEL PAVEMENT
- PROPOSED ASPHALT – PHASE 1
- PROPOSED CONCRETE
- PROPOSED TEMPORARY GRAVEL
- PROPOSED AND EXISTING BUILDINGS
- LIMITS OF DISTURBANCE – PHASE 1
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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GRAPHIC SCALE FEET
0 20 40 80

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Site Plan - Phase 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

REVISIONS			
NO.	DATE	REMARKS	

DATE 2/21/2024
DRAFTER ZFLI
CHECKED SPAR
PROJECT NO. 230117
SHEET C400

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27 Mar 2024 - 10:30a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117_Site Plan.dwg by: zfli

HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

NORTH BASIN

CONCRETE FLUME

DIVIDED STORAGE

EX. BUILDING
6,318 SF
F.F. 945.70

CONCRETE PAVEMENT FOR DUMPSTER PAD

6" CURB STOP

CONTRACTOR TO COORDINATE BAG DROP AREA WITH OWNER

9 GREEN

SOUTH BASIN

EAST BASIN

4'X4' RIPRAP OUTLET

SWALE

SAND TRAP

SAND TRAP

SHORT GAME

PRACTICE GREEN

PRACTICE RANGE

PROPOSED CARTPATH

FUTURE TURN HOUSE

75 FOOT SETBACK

DRY POND – CONSTRUCTED BY OTHERS

PARCEL #: 091130280008
OWNER: PAC ACQUISITIONS LLC

PARCEL #: 091130185004
OWNER: PAC ACQUISITIONS LLC

52.2'
37.8'
50.8'
136.5'
34.0'
18.0'
10.0'
24.0'
9.0'
5.0'
8.0'
16.0'
25.0'
7.0'
14.0'
26.0'

GRAPHIC SCALE FEET
0 20 40 80

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W E
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SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED NEW PAVEMENT
- PROPOSED SIGN
- PROPOSED BOLLARD
- PROPOSED HANDICAP PARKING
- PROPOSED RIPRAP
- PROPOSED GRAVEL PAVEMENT
- PROPOSED ASPHALT – PHASE 1
- PROPOSED ASPHALT – PHASE 2
- PROPOSED CONCRETE
- PROPOSED TEMPORARY GRAVEL
- PROPOSED AND EXISTING BUILDINGS
- LIMITS OF DISTURBANCE – PHASE 2
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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Site Plan - Phase 2

Priarie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
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CHECKED SPAR
PROJECT NO. 230117
SHEET C401

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

EX. BUILDING
6,318 SF
F.F. 945.70

ROCK CONSTRUCTION ENTRANCE

SAND TRAP

SILT FENCE

FUTURE TH HOUSE

FFE 949.90

PE - PCWTS - 2

PE - PCWTS - 1

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GRAPHIC SCALE FEET
0 20 40 80

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS
- INLET PROTECTION – SEE DETAIL ON SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG
- LIMITS OF DISTURBANCE – PHASE 1
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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GRADING AND EROSION CONTROL PLAN - PHASE 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
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CHECKED SPAR
PROJECT NO. 230117
SHEET C500

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

EX. BUILDING
6,318 SF
F.F. 945.70

SAND TRAP

GARBAGE

FUTURE
TWIN HOUSE

PRACTICE
RANGE

DE DWTS-2

DE DWTS-1

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION – SEE DETAIL ON SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- EROSION MAT CLASS III, TYPE C
- EROSION MAT CLASS II, TYPE A
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG
- LIMITS OF DISTURBANCE – PHASE 2
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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GRADING AND EROSION CONTROL PLAN - PHASE 2

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

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2/21/2024

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ZFLI

CHECKED
SPAR

PROJECT NO.
230117

SHEET
C501

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FUTURE TURN HOUSE

GRADING LEGEND

- EXISTING MAJOR CONTOURS (820)
- EXISTING MINOR CONTOURS (818)
- PROPOSED MAJOR CONTOURS (820)
- PROPOSED MINOR CONTOURS (818)
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 948.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS
- DITCH CHECK EXCELSIOR FIBER LOG
- LIMITS OF DISTURBANCE – PHASE 1
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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SOUTH GRADING PLAN - PHASE 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024

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CHECKED SPAR

PROJECT NO. 230117

SHEET C502

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

EITHER MATCH OR LOWER EXISTING ELEVATIONS ALONG BUILDING

EX. BUILDING
6,318 SF
F.F. 945.70

EX. SHED

SAND TRAP

947.75
947.59
947.52
947.40
945.76
945.01
944.37
945.52
945.74
945.05
946.36
945.38
945.16
946.39
945.02
945.94
944.24 TC
943.74 FL
944.02
943.92
944.29
943.50 TC
943.00 FL
943.40
944.25 TC
943.75 FL
943.97
943.50 TC
943.00 FL
943.40
944.25 TC
943.75 FL
944.15
950.64

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GRAPHIC SCALE FEET
0 10 20 40

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- INLET PROTECTION
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG
- LIMITS OF DISTURBANCE – PHASE 1
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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WEST GRADING PLAN - PHASE 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
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PROJECT NO. 230117
SHEET C503

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GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- 820 — PROPOSED MAJOR CONTOURS
- 818 — PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION – SEE DETAIL SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- EROSION MAT CLASS III, TYPE C
- EROSION MAT CLASS II, TYPE A
- TRACKING PAD
- RIP RAP
- DITCH CHECK SEDIMENT LOG
- LIMITS OF DISTURBANCE – PHASE 2
- LIMITS OF DISTURBANCE – PHASE 1 & 2

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EAST GRADING PLAN - PHASE 2

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

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PROJECT NO. 230117
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NORTH BASIN (NB) CLEANOUT

116'–6" UNDERDRAIN

NB OUTLET
15" GRATE
RIM EL. = 943.50
IE = 940.50

HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

30'–12" PVC @ 0.83%

12" RCP EW
IE = 940.75

NEW CMP FLARED END SECTION

6" PVC INV. EL = 943.46 (ESTIMATED, CONTRACTOR SHALL VERIFY DEPTH PRIOR TO CONSTRUCTING SANITARY SEWER)

64'–6" PVC SAN @ 1.04%

6" PVC
INV. EL. = 948.67

83'–6" PVC SAN @ 4.93%

S60: 48" CONC. MH
RIM EL. = 951.33
6" N INV. EL. = 944.58
6" W INV. EL. = 942.79
8" SE INV. EL. = 942.58

GREASE INTERCEPTOR

116'–8" PVC SAN @ 0.52%

S61: 48" CONC. MH
RIM EL. = 949.33
6" W INV. EL. = 943.88
8" NW INV. EL. = 941.98
8" SE INV. EL. = 943.45
8" SW INV. EL. = 941.88

105'–8" PVC SAN @ 0.60%

30" HDPE EW
IE = 945.75

PIPE CROSSING
30" IE = 945.72
8" IE = 941.30

8" IE =941.25

SEPTIC SYSTEM

44'–8" PVC SAN @ 0.52%

GAS METER AND LATERAL

206'–30" PVC @ 1.09%

S22: 24" CATCH BASIN
RIM EL. = 950.61
E 6" INV. EL. = 947.00
NE 6" INV. EL. = 947.00
NW 6" INV. EL. = 947.00
S 6" INV. EL. = 946.83

50'–6" PVC @ 4.16%

S30: 48" STM CATCH BASIN
GRATE EL. = 947.50
SW & NE 36" INV. EL. = 943.50

119'–30" HDPE @ 1.01%

S12: 3'X2' INLET
GRATE IE = 943.00
8" S = 940.83

EX. B
6,3
F.F. 945.70

8" PVC EW
IE = 940.50

S11: 3'X2' INLET
GRATE IE = 943.00
8" S = 940.83

6" PVC INV. EL. = 945.97

16'–8" PVC @ 2.08%

SB OUTLET
15" GRATE
RIM EL. = 941.50
IE = 938.50

16'–8" PVC @ 2.08%

SOUTH BASIN (SB) CLEANOUT

8" PVC EW
IE = 940.50

162'–6" UNDERDRAIN

40'–12" PVC @ 0.50%

18" OUTLET
IE = 937.25

30'–18" PVC @ 0.83%

S14: 48" CONC. STRM MH
RIM EL. = 942.75
12" N =937.80
12" E = 939.00
18" W = 937.50

2" COPPER WATER SERVICE

2" WATER SERVICE
INV. EL. = 944.25

8" PVC
IE = 943.68

6"PVC MIN. 1.04%

168'–6" PVC @ 1.04%

S23: 8" NYOPLAST DRAIN
GRATE EL. = 950.44
6" INV. EL. =947.75

146'–12" PVC @ 1.04%

6"PVC MIN. 1.04%

6" PVC WYE INV. EL. = 945.00

11.25° BEND

60'–6" PVC @ 3.33%

12" RCP EW
EL. = 941.07

18" RCP EW
EL. = 940.00

31'–18" PVC
@ 0.81%

18" RCP EW
EL. = 941.07

S21: 24" CATCH BASIN
GRATE EL. = 946.75
W 6" PVC INV. EL. = 944.50
N 6" PVC INV. EL. = 944.75

S30: 48" STM CATCH BASIN
GRATE EL. = 946.55
W&NE 30" INV. EL.=942.30

59'–30" PVC @ 1.02%

30" RCP EW
IE = 941.70

S20: 24" CATCH BASIN
GRATE EL. = 946.00
N 6" INV. EL. = 943.00
E 6" INV. EL. = 942.75
S 10" INV. EL. = 942.59

POWTS

NOTES:
1, REFER TO SHEET C101 FOR FIRE BOWL AND TABLE DETAILS AND THEIR ELECTRIC/GAS CONNECTIONS

N
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GRAPHIC SCALE FEET
0 30 60 120

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER WELL
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

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UTILITY PLAN - PHASE 1

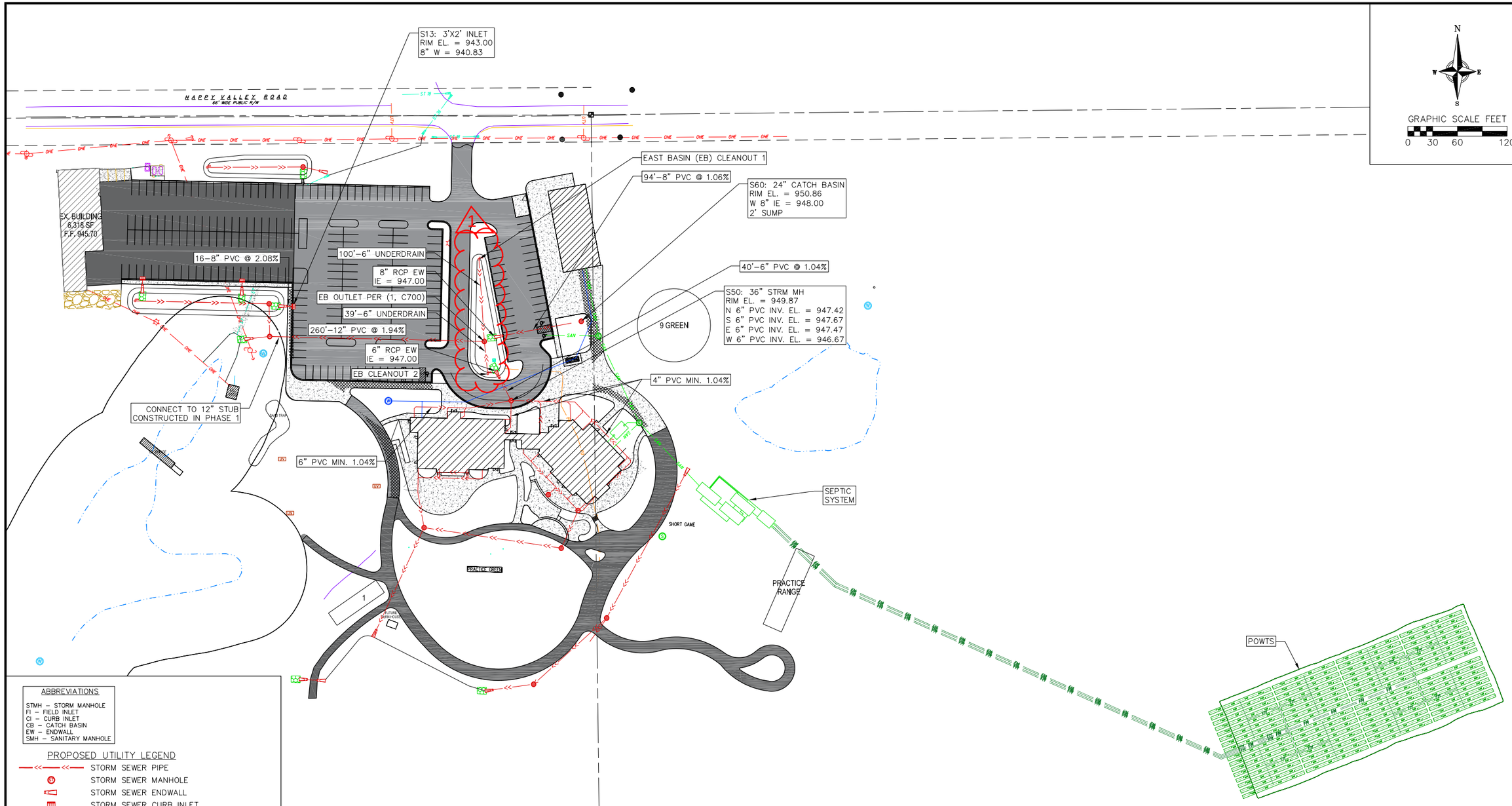
PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTON, DANE COUNTY, WI

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
DRAFTER ZFLI
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PROJECT NO. 230117
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ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER VALVE MANHOLE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

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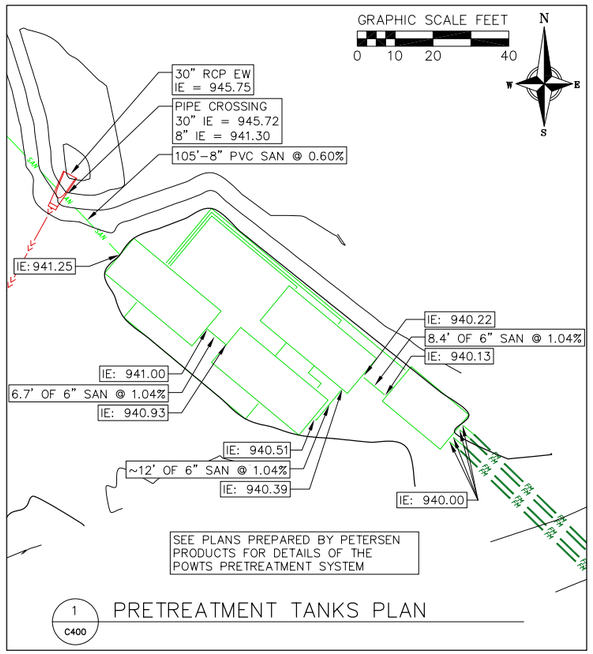
UTILITY PLAN - PHASE 2

PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

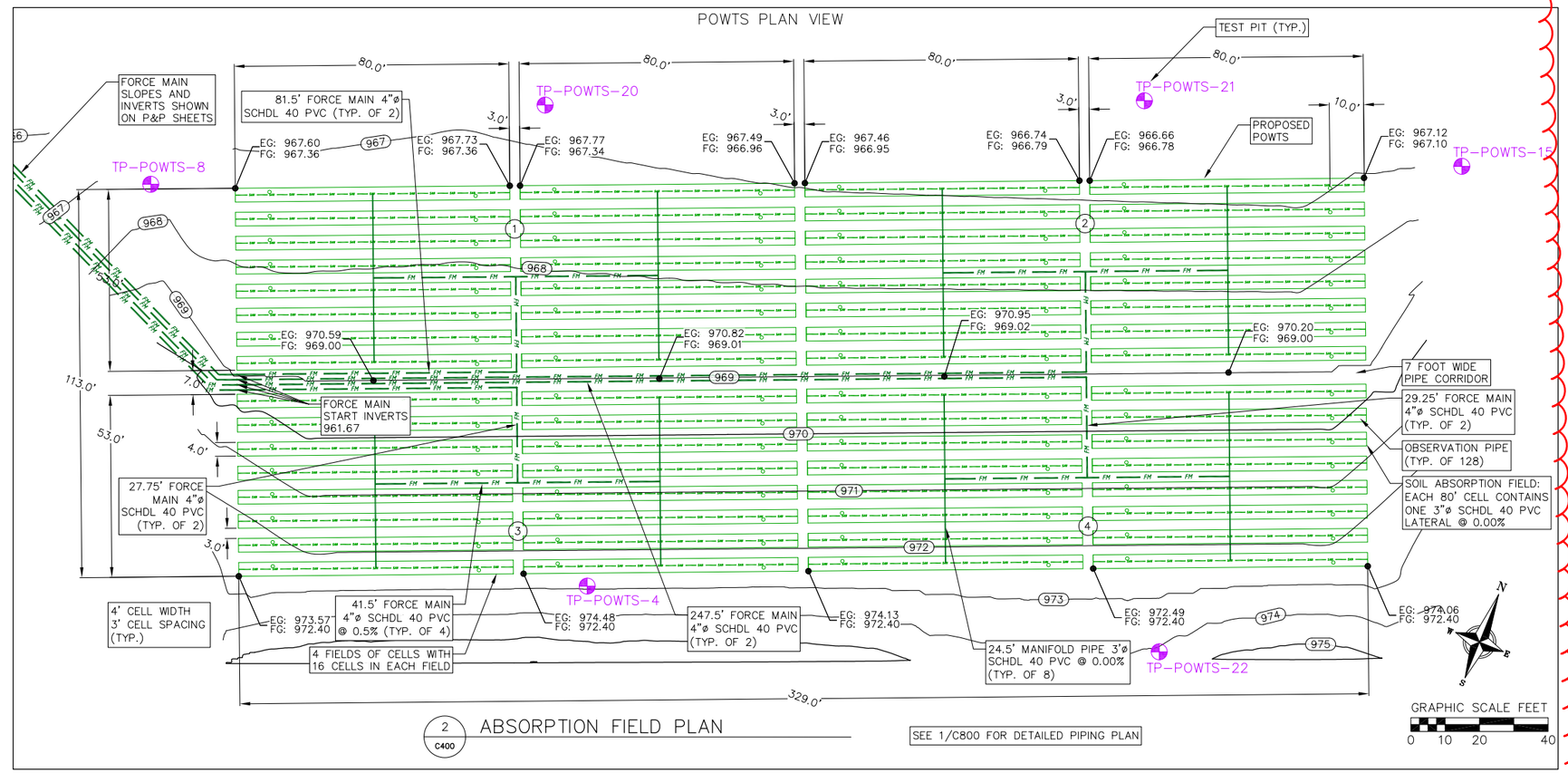
REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
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CHECKED SPAR
PROJECT NO. 230117
SHEET C-300

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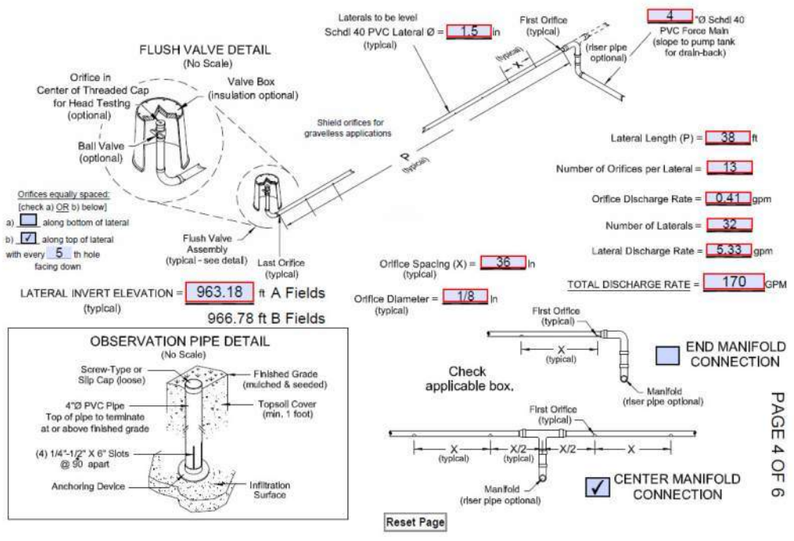
1 C400 PRETREATMENT TANKS PLAN



2 C400 ABSORPTION FIELD PLAN

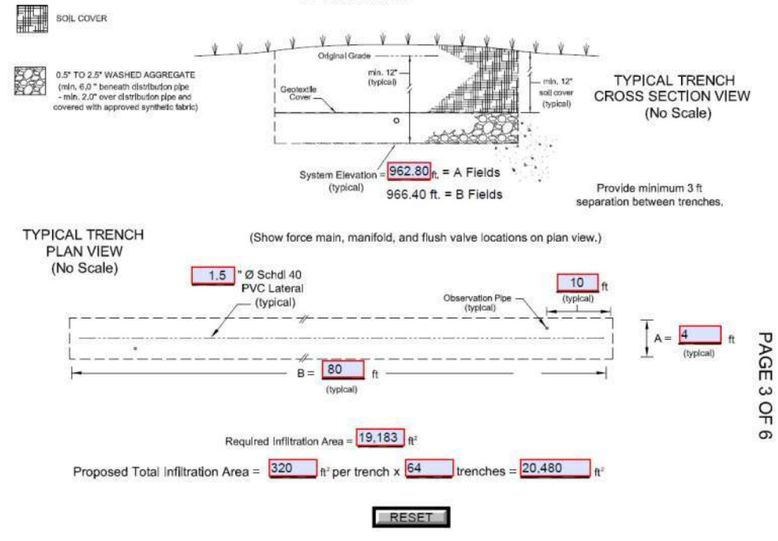
SEE 1/C800 FOR DETAILED PIPING PLAN

3 C400 DISTRIBUTION NETWORK SPECIFICATIONS (No Scale)



PAGE 4 OF 6

4 C400 IN-GROUND PRESSURE DISPERSAL AREA
Uniform Elevation Trenches with Washed Aggregate
≤ 4-ft Trench



PAGE 3 OF 6

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POWTS PLAN AND DETAILS

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS
1	3/27/24	Addendum 2

DATE 03/20/2024
DRAFTER ZDJ
CHECKED SPAR
PROJECT NO. 230117
SHEET C002

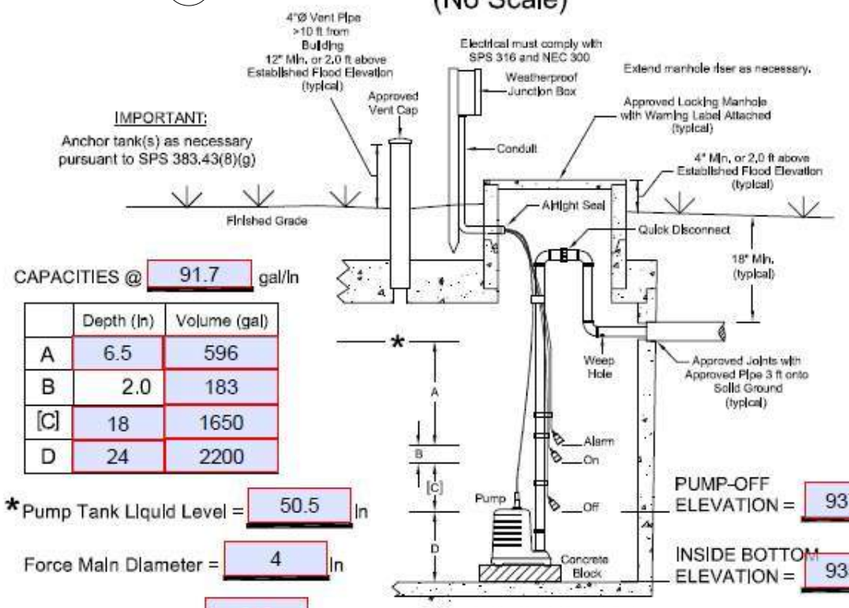
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1

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FIELD #1

1 / C401 SEPTIC / PUMP TANK SPECIFICATIONS (No Scale)



CAPACITIES @ 91.7 gal/in

	Depth (in)	Volume (gal)
A	6.5	596
B	2.0	183
[C]	18	1650
D	24	2200

*Pump Tank Liquid Level = 50.5 in

Force Main Diameter = 4 in

Force Main Length = 812 ft

Force Main Void Volume = 528 gal

[C] Total Dose Volume (TDV) = 1628 gal/dose

(5X total lateral void volume ≤ TDV ≤ 0.2X design flow) + (force main drainback volume)

MIN. PUMP DISCHARGE RATE = 170 gpm

PUMP-OFF ELEVATION = 937.30 ft

INSIDE BOTTOM ELEVATION = 935.30 ft

Vertical Head = 25.9 ft

+ Min. Supply Head = 5 ft

+ FM Friction Loss = 13.4 ft

+ Fitting Loss* = 1.5 ft
*(min. supply head x 0.3)

= TOTAL DYNAMIC HEAD = 45.8 ft

PUMP TANK:

Volume = 4629 gal

Manufacturer: Wieser Concrete

Pump Manufacturer: Hydromatic

Pump Model: S4SD (See attached pump curve.)

Controls/Alarm Manufacturer: Petersen Onsite

Controls/Alarm Model:

Float switches containing mercury are prohibited.

SEPTIC TANK(S):

Total Volume = 25,594 gal

Manufacturer(s): Wieser

Install approved effluent filter at the septic tank outlet immediately upstream of the pump tank inlet.

Filter Manufacturer: Polylok

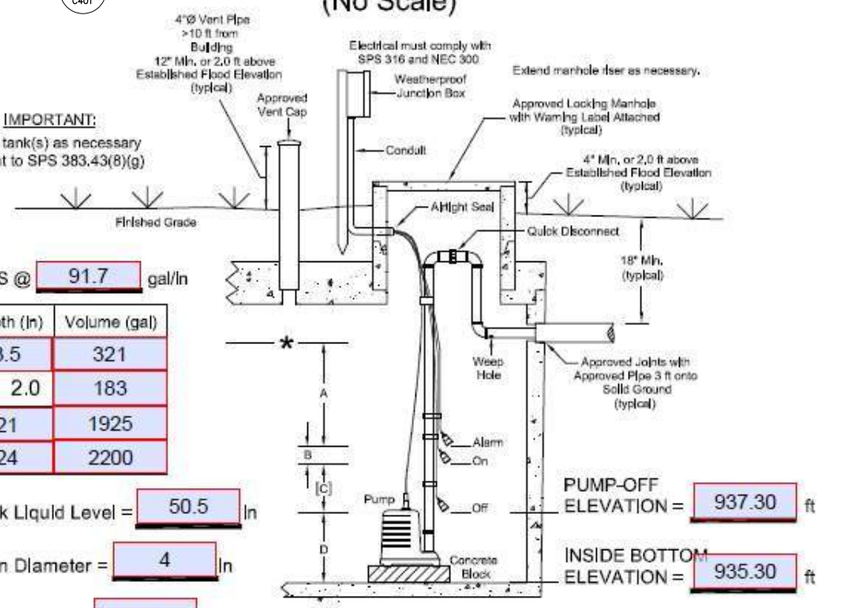
Filter Model: PL-525 Effluent Filter

Reset Page

1

FIELD #2

2 / C401 SEPTIC / PUMP TANK SPECIFICATIONS (No Scale)



CAPACITIES @ 91.7 gal/in

	Depth (in)	Volume (gal)
A	3.5	321
B	2.0	183
[C]	21	1925
D	24	2200

*Pump Tank Liquid Level = 50.5 in

Force Main Diameter = 4 in

Force Main Length = 981 ft

Force Main Void Volume = 638 gal

[C] Total Dose Volume (TDV) = 1848 gal/dose

(5X total lateral void volume ≤ TDV ≤ 0.2X design flow) + (force main drainback volume)

MIN. PUMP DISCHARGE RATE = 170 gpm

PUMP-OFF ELEVATION = 937.30 ft

INSIDE BOTTOM ELEVATION = 935.30 ft

Vertical Head = 25.9 ft

+ Min. Supply Head = 5 ft

+ FM Friction Loss = 16.2 ft

+ Fitting Loss* = 1.5 ft
*(min. supply head x 0.3)

= TOTAL DYNAMIC HEAD = 48.6 ft

PUMP TANK:

Volume = 4629 gal

Manufacturer: Wieser Concrete

Pump Manufacturer: Hydromatic

Pump Model: S4SD (See attached pump curve.)

Controls/Alarm Manufacturer: Petersen Onsite

Controls/Alarm Model:

Float switches containing mercury are prohibited.

SEPTIC TANK(S):

Total Volume = 25,594 gal

Manufacturer(s): Wieser

Install approved effluent filter at the septic tank outlet immediately upstream of the pump tank inlet.

Filter Manufacturer: Polylok

Filter Model: PL-525 Effluent Filter

Reset Page

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POWTS DETAILS

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS
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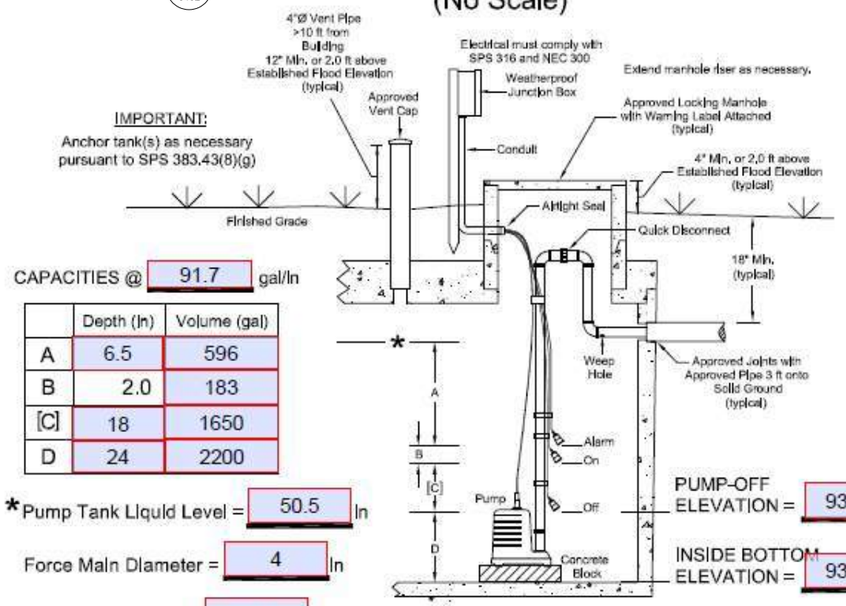
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SHEET C603

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FIELD #3

1 / C402 SEPTIC / PUMP TANK SPECIFICATIONS (No Scale)



CAPACITIES @ 91.7 gal/in

	Depth (in)	Volume (gal)
A	6.5	596
B	2.0	183
[C]	18	1650
D	24	2200

*Pump Tank Liquid Level = 50.5 in

Force Main Diameter = 4 in

Force Main Length = 817 ft

Force Main Void Volume = 532 gal

[C] Total Dose Volume (TDV) = 1632 gal/dose

(5X total lateral void volume ≤ TDV ≤ 0.2X design flow) + (force main drainback volume)

MIN. PUMP DISCHARGE RATE = 170 gpm

PUMP-OFF ELEVATION = 937.30 ft

INSIDE BOTTOM ELEVATION = 935.30 ft

Vertical Head = 25.9 ft

+ Min. Supply Head = 5 ft

+ FM Friction Loss = 13.5 ft

+ Fitting Loss* = 1.5 ft
*(min. supply head x 0.3)

= TOTAL DYNAMIC HEAD = 49.5 ft

PUMP TANK:

Volume = 4629 gal

Manufacturer: Wieser Concrete

Pump Manufacturer: Hydromatic

Pump Model: S4SD (See attached pump curve.)

Controls/Alarm Manufacturer: Petersen Onsite

Controls/Alarm Model:

Float switches containing mercury are prohibited.

SEPTIC TANK(S):

Total Volume = 25,594 gal

Manufacturer(s): Wieser

Install approved effluent filter at the septic tank outlet immediately upstream of the pump tank inlet.

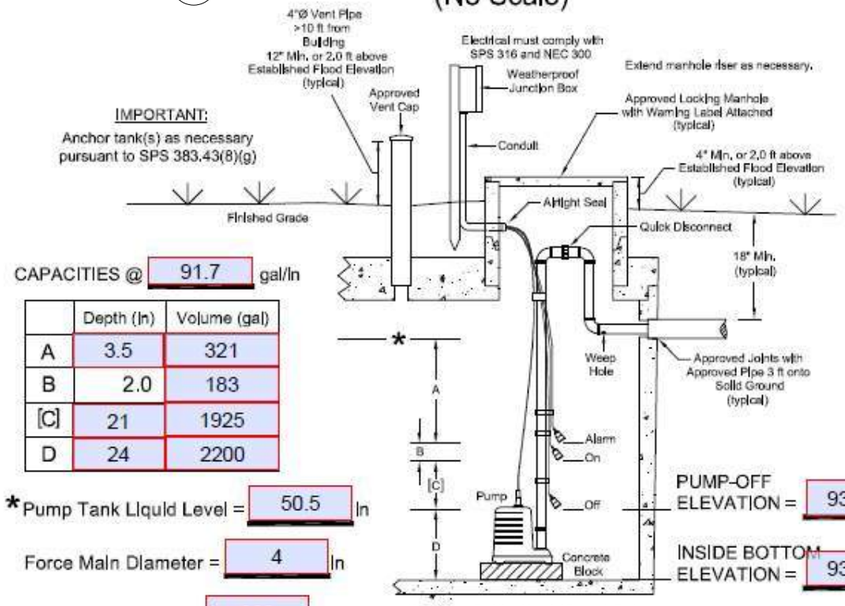
Filter Manufacturer: Polylok

Filter Model: PL-525 Effluent Filter

Reset Page

FIELD #4

2 / C402 SEPTIC / PUMP TANK SPECIFICATIONS (No Scale)



CAPACITIES @ 91.7 gal/in

	Depth (in)	Volume (gal)
A	3.5	321
B	2.0	183
[C]	21	1925
D	24	2200

*Pump Tank Liquid Level = 50.5 in

Force Main Diameter = 4 in

Force Main Length = 982 ft

Force Main Void Volume = 639 gal

[C] Total Dose Volume (TDV) = 1849 gal/dose

(5X total lateral void volume ≤ TDV ≤ 0.2X design flow) + (force main drainback volume)

MIN. PUMP DISCHARGE RATE = 170 gpm

PUMP-OFF ELEVATION = 937.30 ft

INSIDE BOTTOM ELEVATION = 935.30 ft

Vertical Head = 25.9 ft

+ Min. Supply Head = 5 ft

+ FM Friction Loss = 16.2 ft

+ Fitting Loss* = 1.5 ft
*(min. supply head x 0.3)

= TOTAL DYNAMIC HEAD = 52.2 ft

PUMP TANK:

Volume = 4629 gal

Manufacturer: Wieser Concrete

Pump Manufacturer: Hydromatic

Pump Model: S4SD (See attached pump curve.)

Controls/Alarm Manufacturer: Petersen Onsite

Controls/Alarm Model:

Float switches containing mercury are prohibited.

SEPTIC TANK(S):

Total Volume = 25,594 gal

Manufacturer(s): Wieser

Install approved effluent filter at the septic tank outlet immediately upstream of the pump tank inlet.

Filter Manufacturer: Polylok

Filter Model: PL-525 Effluent Filter

Reset Page

1

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POWTS DETAILS

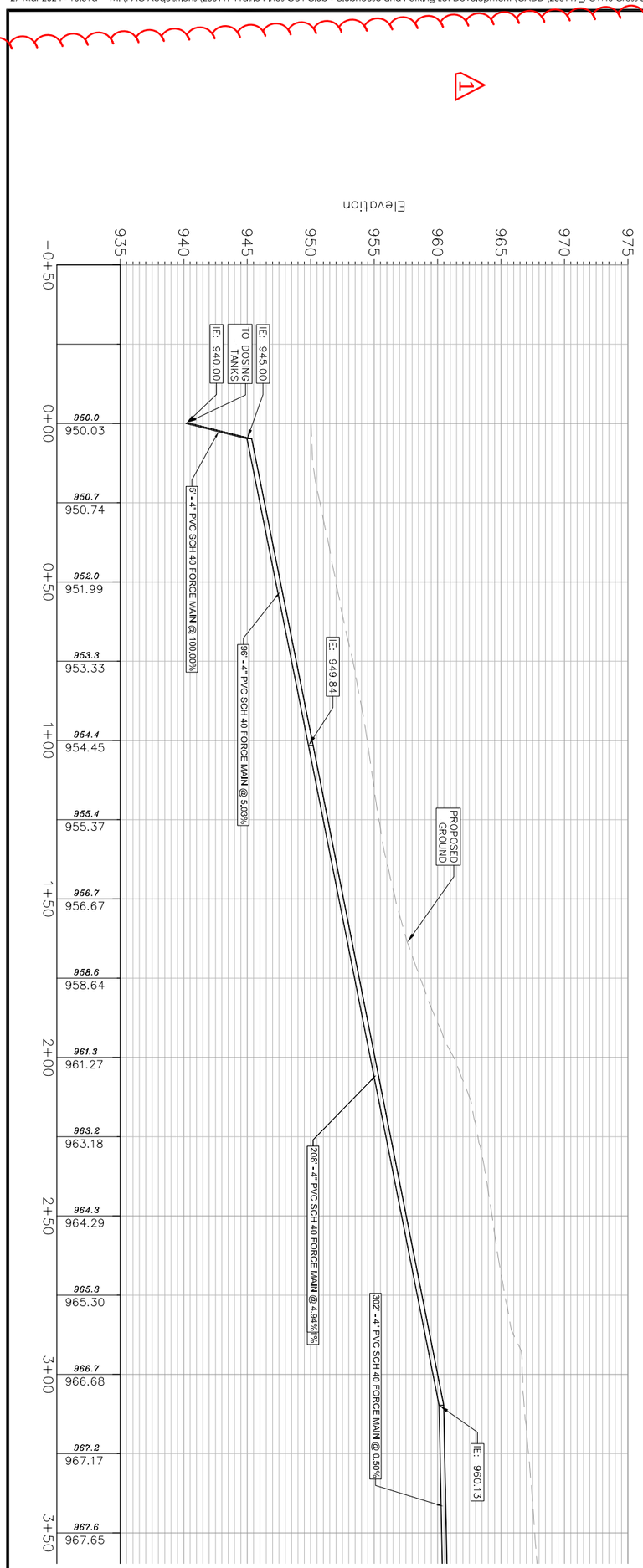
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

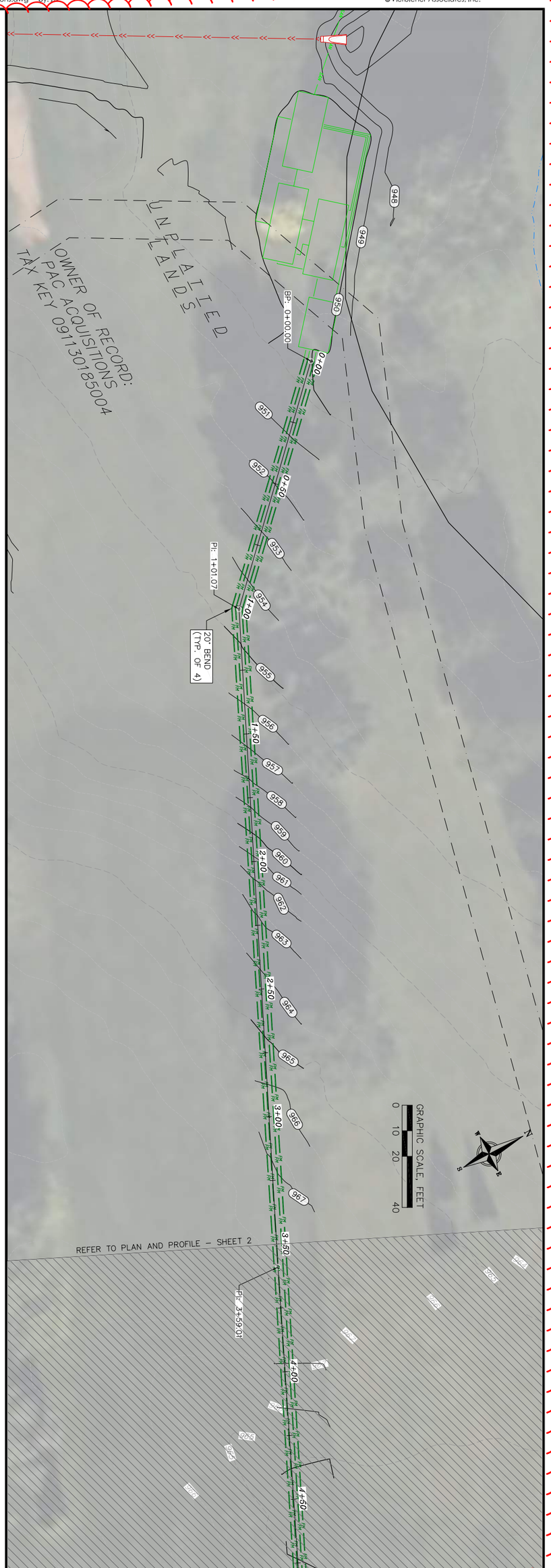
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CHECKED: DPO
PROJECT NO.: 230117
SHEET: C603

POWTS FORCE MAIN PLAN AND PROFILE - SHEET 1

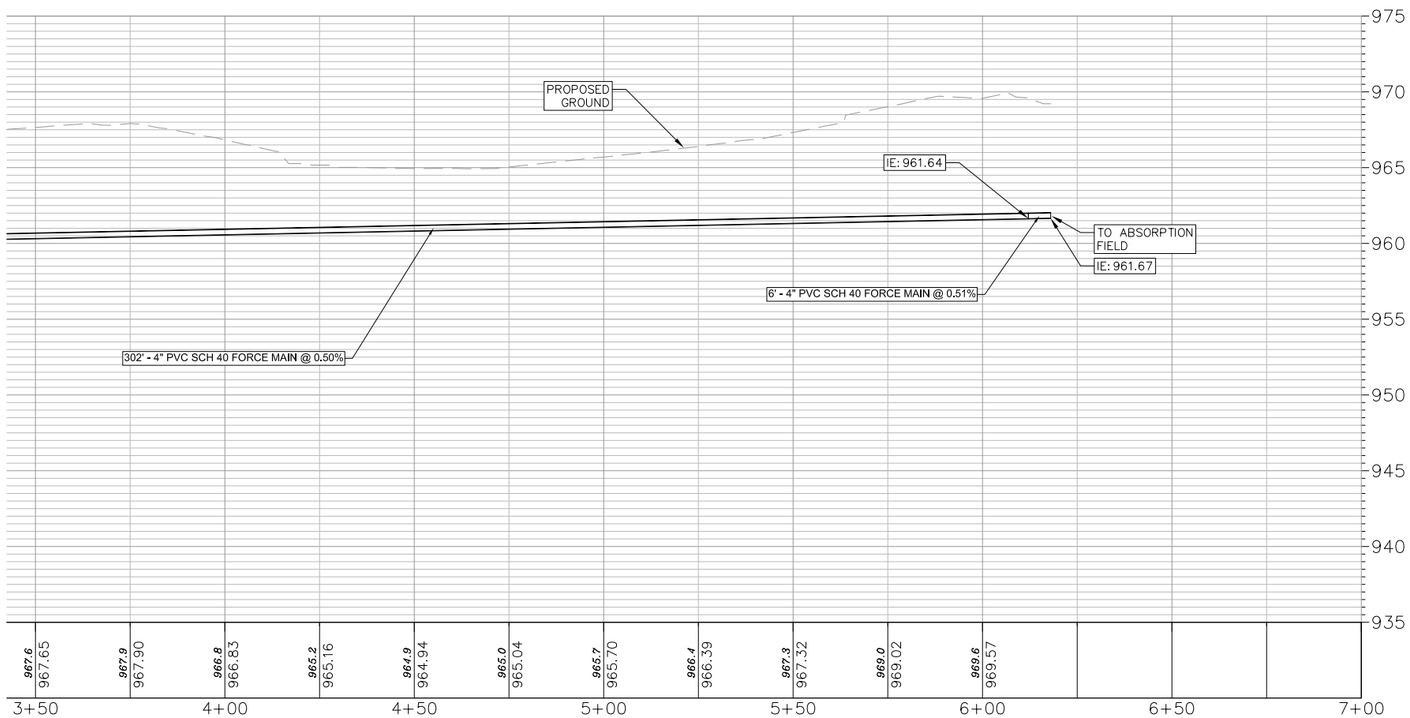
PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

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POWTS FORCE MAIN PLAN AND PROFILE - SHEET 2

PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

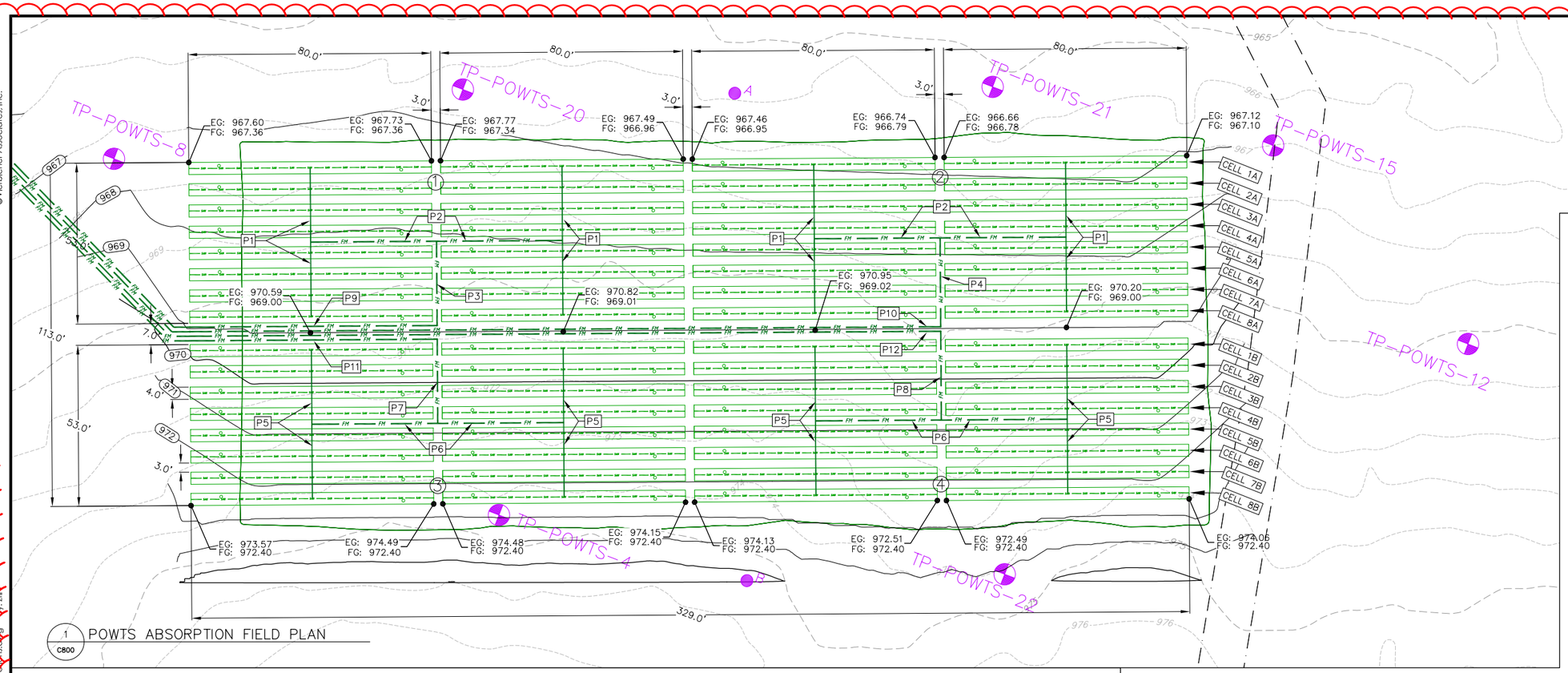
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1 C800 POWTS ABSORPTION FIELD PLAN

GRAPHIC SCALE FEET
0 10 20 40

ABBREVIATIONS

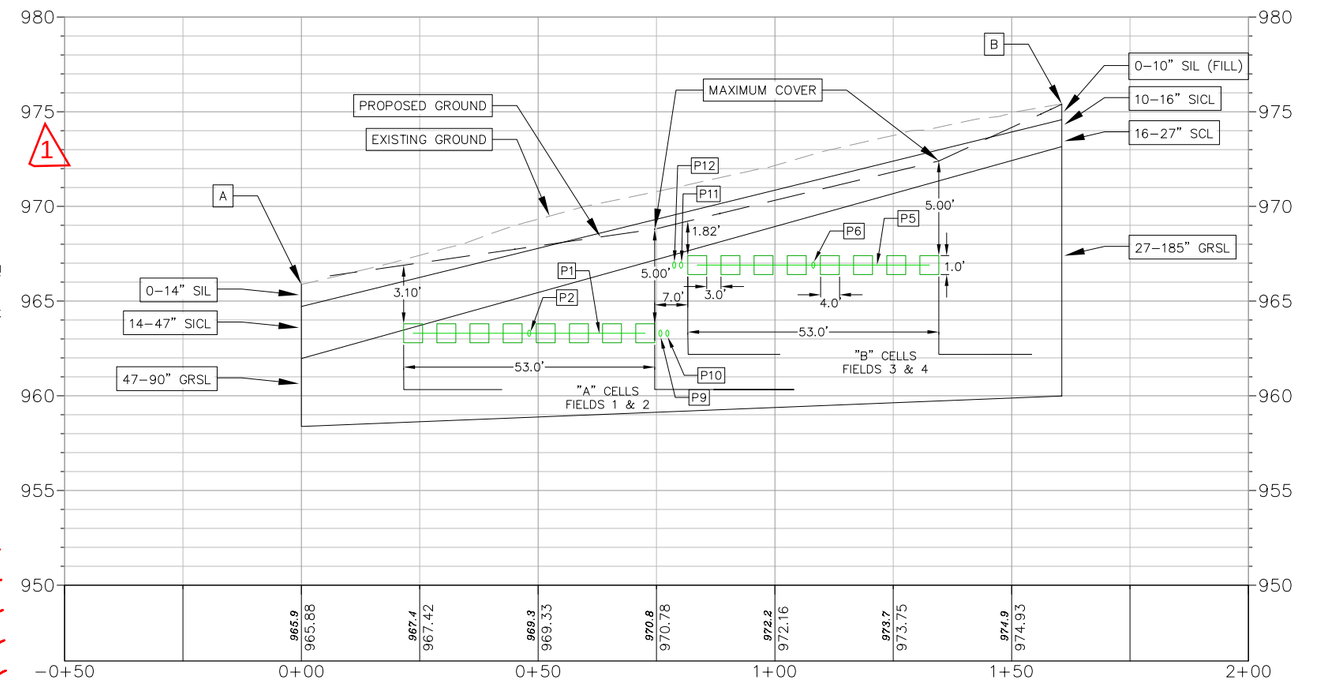
STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

PROPOSED UTILITY LEGEND

- FM — FM — SANITARY SEWER PIPE (FORCE MAIN)
- SAN — SAN — SANITARY SEWER LATERAL PIPE
- SANITARY OBSERVATION PIPE
- TP-POWTS-15 TEST PITS
- CROSS SECTION POINTS
- EG: XXX.XX / FG: XXX.XZ SPOT ELEVATIONS

2 C800 POWTS CROSS SECTION A–B

GRAPHIC SCALE FEET
0 8 16 32



POWTS CELLS

CELL	ELEVATION	CELL	ELEVATION
CELL 1A	962.80	CELL 1B	966.40
CELL 2A	962.80	CELL 2B	966.40
CELL 3A	962.80	CELL 3B	966.40
CELL 4A	962.80	CELL 4B	966.40
CELL 5A	962.80	CELL 5B	966.40
CELL 6A	962.80	CELL 6B	966.40
CELL 7A	962.80	CELL 7B	966.40
CELL 8A	962.80	CELL 8B	966.40

POWTS PIPES

PIPE	DIAMETER (IN)	START INVERT	END INVERT	LENGTH	SLOPE
P1	3.00	963.18	963.18	24.50	0.0%
P2	4.00	962.97	963.18	41.50	0.5%
P3	4.00	962.83	962.97	27.75	0.5%
P4	4.00	962.83	962.97	29.25	0.5%
P5	3.00	966.78	966.78	24.50	0.0%
P6	4.00	966.57	966.78	41.50	0.5%
P7	4.00	966.43	966.57	27.75	0.5%
P8	4.00	966.43	966.57	29.25	0.50%
P9	4.00	961.67	962.83	81.50	1.4%
P10	4.00	961.67	962.83	247.50	0.5%
P11	4.00	961.67	966.43	81.50	5.8%
P12	4.00	961.67	966.43	247.50	1.9%

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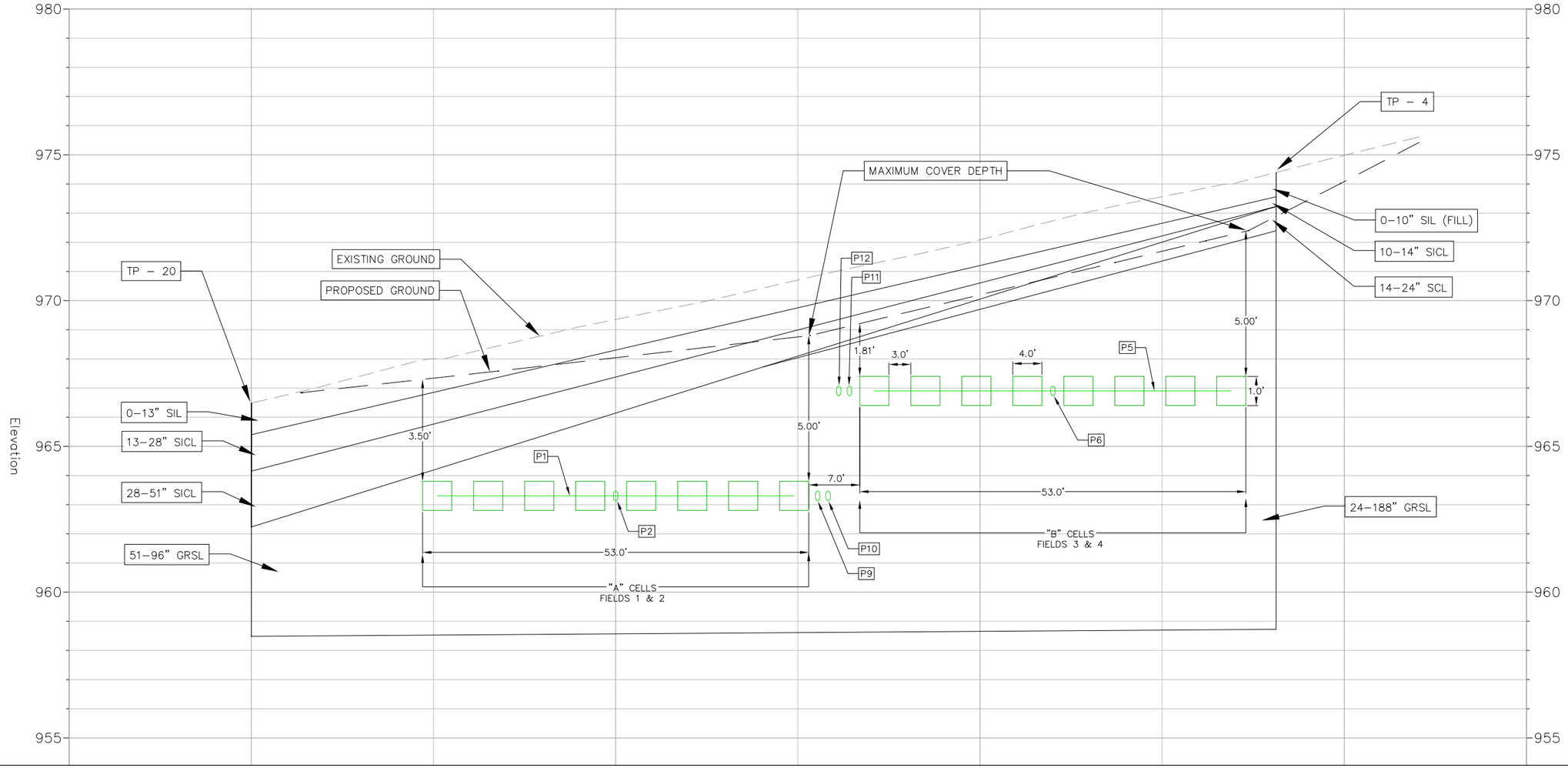
POWTS PLAN AND CROSS SECTION A-B
PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

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POWTS TP-4			
DEPTH (IN)	TEXTURE	EFF #1 (GPD/FT^2)	EFF #2 (GPD/FT^2)
0" - 10"	SIL (FILL)	0.4	0.6
10" - 14"	SICL	0.2	0.3
14" - 24"	SCL	0.2	0.3
24" - 188"	GRSL	0.4	0.6

POWTS TP-20			
DEPTH (IN)	TEXTURE	EFF #1 (GPD/FT^2)	EFF #2 (GPD/FT^2)
0" - 13"	SIL	0.4	0.2
13" - 28"	SICL	0.2	0.3
28" - 51"	SICL	0.2	0.3
51" - 96"	GRSL	0.4	0.7

POWTS CELLS			
CELL	ELEVATION	CELL	ELEVATION
CELL 1A	962.80	CELL 1B	966.40
CELL 2A	962.80	CELL 2B	966.40
CELL 3A	962.80	CELL 3B	966.40
CELL 4A	962.80	CELL 4B	966.40
CELL 5A	962.80	CELL 5B	966.40
CELL 6A	962.80	CELL 6B	966.40
CELL 7A	962.80	CELL 7B	966.40
CELL 8A	962.80	CELL 8B	966.40

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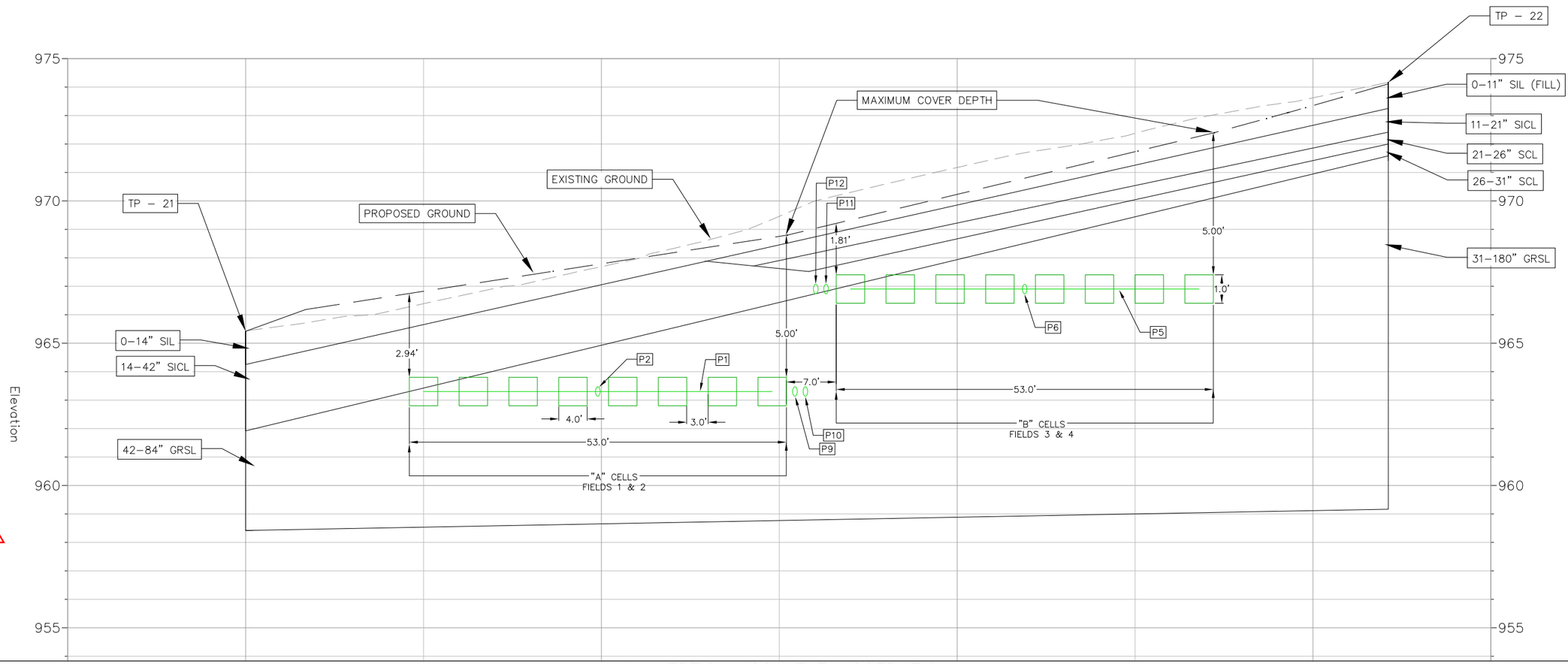
POWTS CROSS SECTION 2024
PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

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GRAPHIC SCALE FEET
0 4 8 16



4X VERTICAL SCALE EXAGGERATION

POWTS TP-21			
DEPTH (IN)	TEXTURE	EFF #1 (GPD/FT^2)	EFF #2 (GPD/FT^2)
0" - 14"	SIL	0.4	0.2
14" - 42"	SICL	0.2	0.3
42" - 84"	GRSL	0.4	0.6

POWTS TP-22			
DEPTH (IN)	TEXTURE	EFF #1 (GPD/FT^2)	EFF #2 (GPD/FT^2)
0" - 11"	SIL	0.4	0.6
11" - 21"	SICL	0.2	0.3
21" - 26"	CL	0.2	0.3
26" - 31"	LS	0.7	1.6
31" - 180"	GRSL	0.4	0.7

POWTS CELLS			
CELL	ELEVATION	CELL	ELEVATION
CELL 1A	962.80	CELL 1B	966.40
CELL 2A	962.80	CELL 2B	966.40
CELL 3A	962.80	CELL 3B	966.40
CELL 4A	962.80	CELL 4B	966.40
CELL 5A	962.80	CELL 5B	966.40
CELL 6A	962.80	CELL 6B	966.40
CELL 7A	962.80	CELL 7B	966.40
CELL 8A	962.80	CELL 8B	966.40

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POWTS CROSS SECTION 21-22

PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

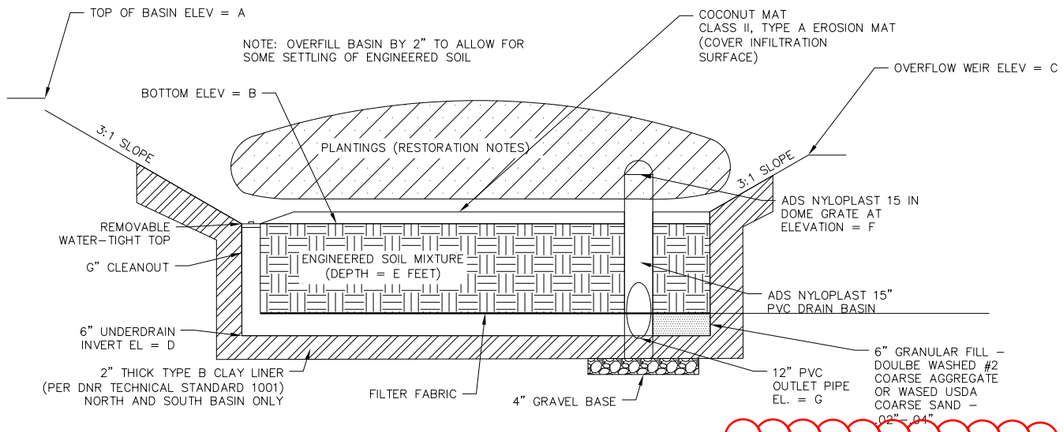
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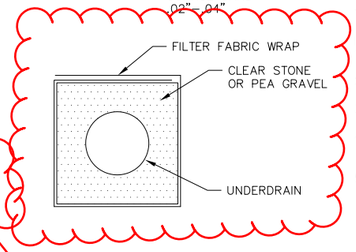
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BIO-RETENTION BASIN ELEVATION INFORMATION								
BASIN NAME	ELEVATION A	ELEVATION B	ELEVATION C	ELEVATION D	DEPTH E	ELEVATION F	ELEVATION G	BASIN FLOOR AREA (SF)
NORTH BASIN	944.50	942.50	944.00	941.00	1.50	943.25	941.00	1,975
EAST BASIN	949.75	947.00	949.75	944.50	2.00	948.00	944.00	2,480
SOUTH BASIN	942.50	940.50	942.00	938.50	1.50	941.50	938.00	3,320



1 C700 — BIO-RETENTION BASIN
NOT TO SCALE

ENGINEERED SOIL MIXTURE
70%-85% WASHED SAND
15%-30% COMPOST (MUST MEET WDNR S100 SPECIFICATION)

BIO-RETENTION AREA RESTORATION SPECIFICATIONS:
NOTE: BIO-RETENTION AREA MUST NOT BE CONSTRUCTED (INSTALLED) UNTIL THE SITE IS STABILIZED, I.E. THE GRASS COVER IS WELL ESTABLISHED.

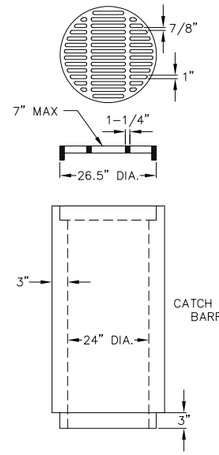
BIO-RETENTION AREA MUST CONFORM TO WISCONSIN DNR TECHNICAL STANDARD 1004 (BIORETENTION FOR INFILTRATION)

USE RAINWATER GARDEN LIVE NATIVE PLANT PLUGS FROM AGRECOL (SUNNY, SHORT, OR MEDIUM STATURE) - OR ENGINEER APPROVED EQUAL.

PLANT PLUGS AT 1 PER SQUARE FOOT.

PLANTING, MULCH, AND MAINTENANCE NOTES:
PLANTING SHOULD TAKE PLACE BETWEEN AVAILABILITY OF PLANTS IN SPRING AND JUNE 30TH, OR BETWEEN SEPTEMBER 1ST AND OCTOBER 15TH. IF PLANTED JULY 1ST THROUGH AUGUST 31ST, HEAVILY WATER THE PLANTS AT THE TIME THEY ARE PLANTED, AND EVERY OTHER DAY FOR A TOTAL OF 4 WATERINGS. A RAIN EVENT GREATER THAN 0.5 INCHES CONSTITUTES A WATERING. IF PLANTED SEPTEMBER 1ST THROUGH OCTOBER 15TH, PLACE CERTIFIED WEED-FREE STRAW MULCH AT 3" MINIMUM THICKNESS BETWEEN PLANTS TO HELP PREVENT FROST HEAVE. IF PLANTING IS TO OCCUR AFTER OCTOBER 15TH, IT MUST BE POSTPONED UNTIL THE FOLLOWING SPRING (MAY). FOR THE FIRST 3 YEARS AFTER PLANTING, SPOT TREAT THE AREA WITH HERBICIDE TO REMOVE WEEDS.

RESTORATION OF THE INFILTRATION AREA (NOT INCLUDING SIDE SLOPES):
1. OVER-EXCAVATE THE AREA TO INFILTRATIVE LAYER TO BE DETERMINED IN THE FIELD, DURING EXCAVATION, BY DESIGN ENGINEER.
2. CHISEL PLOW, OR ROTO-TILL THE BASE OF THE AREA TO BREAK UP ANY HARDPAN IN THE NATIVE SOIL LAYER.
3. PLACE WASHED SAND (FREE OF P200 PARTICLES) TO 46 INCHES BELOW GROUND SURFACE (IF REQUIRED).
4. PLACE 24 INCHES OF ENGINEERED SOIL, COMPRISED OF:
   70-85% WASHED SAND
   15-30% COMPOST (MUST MEET WDNR S100 SPECIFICATION
5. PLANT PLUG, MULCH, WATER, AND MAINTAIN AS DIRECTED ABOVE.



IN BELL GRATE IN CUSTOM MANUFACTURED BY THE WESTWICK FOUNDRY COMPANY TO MADISON CONCRETE PIPE SPECIFICATIONS

GRATE IS CAST GRAY IRON MANUFACTURED TO MEET ASTM A-48 CLASS 35 B AND AASHTO M105 SPECIFICATIONS

GRATES ARE AASHTO H20 LOAD RATED

GRATE SETS FLUSH WITH TOP OF CATCH BASIN BELL

PRECAST REINFORCED CONCRETE CATCH BASIN IN MANUFACTURED TO MEET ASTM C-478 AND AASHTO M199 SPECIFICATIONS

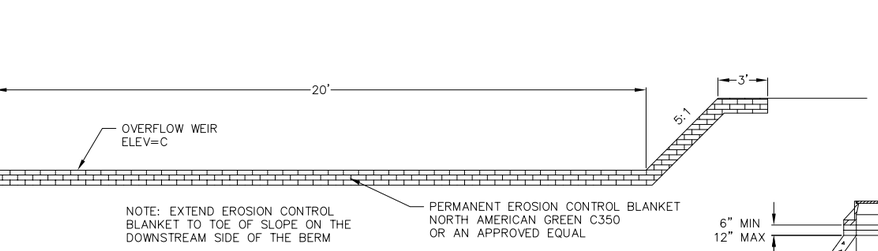
STANDARD CATCH BASIN BARREL HEIGHTS: 2'-0", 3'-0" OR 4'-0"

STOCK 24" DIA. CATCH BASIN HAS NO BASE, BUT MAY BE ORDERED WITH A 3" THICK INTEGRAL BASE OR AS SPECIFIED

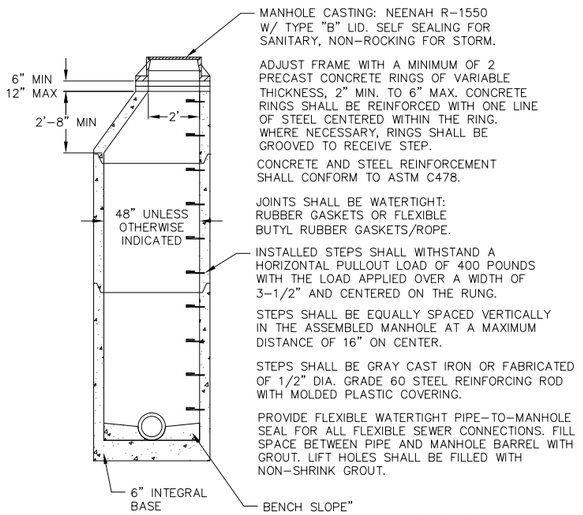
CATCH BASIN JOINT MATERIAL: CONSEAL CS-102 AND/OR CS-202 OR EQUIVALENT WHICH MEETS OR EXCEEDS FEDERAL SPECIFICATION SS-S-210 (210A), AASHTO M-198B AND ASTM C-990

PIPE TO CATCH BASIN CONNECTORS: KOR-N-SEAL OR EQUIVALENT WHICH MEETS OR EXCEEDS REQUIREMENTS OF ASTM C-923

3 C700 — 24" DIA. CATCH BASIN & GRATE
NOT TO SCALE



2 C700 — OVERFLOW WEIR
NOT TO SCALE



MANHOLE CASTING: NEENAH R-1550 W/ TYPE "B" LID. SELF SEALING FOR SANITARY, NON-ROCKING FOR STORM.

ADJUST FRAME WITH A MINIMUM OF 2 PRECAST CONCRETE RINGS OF VARIABLE THICKNESS, 2" MIN. TO 6" MAX. CONCRETE RINGS SHALL BE REINFORCED WITH ONE LINE OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY, RINGS SHALL BE GROOVED TO RECEIVE STEP.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478.

JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.

INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3-1/2" AND CENTERED ON THE RUNG.

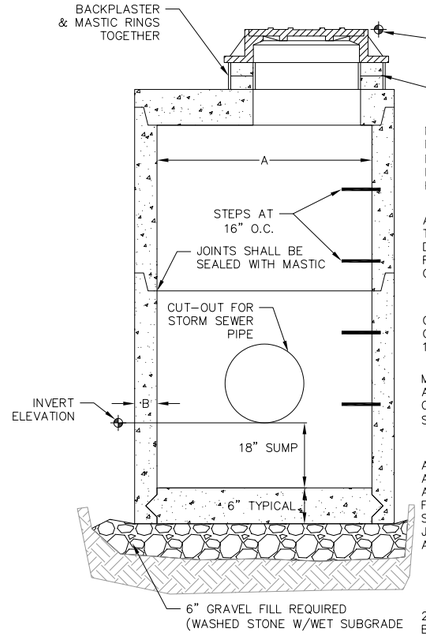
STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.

STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

PROVIDE FLEXIBLE WATERTIGHT PIPE-TO-MANHOLE SEAL FOR ALL FLEXIBLE SEWER CONNECTIONS. FILL SPACE BETWEEN PIPE AND MANHOLE BARREL WITH GROUT. LIFT HOLES SHALL BE FILLED WITH NON-SHRINK GROUT.

BENCH SLOPE"
STORM MANHOLE - 1" PER FOOT
SANITARY MANHOLE - 2" PER FOOT

5 C700 — PRECAST CONCRETE MANHOLE
NOT TO SCALE



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R-1550, WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO. 3 STEEL BAR CENTERED WITHIN EACH RING.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY CO. R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2x3 OPENING IS REQUIRED FOR CATCH BASIN MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721-P.

STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

4 C700 — STORM SEWER MANHOLE CATCH BASIN
NOT TO SCALE

vierbicher planners engineers advisors

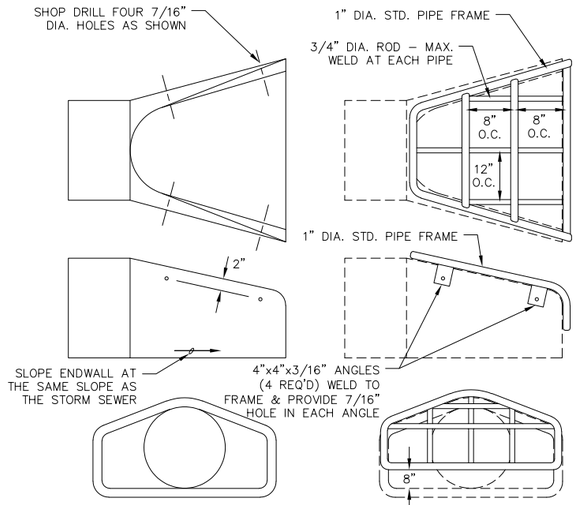
Details - Stormwater
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
DRAFTER ZFLI
CHECKED SPAR
PROJECT NO. 230117
SHEET C700

27 Mar 2024 - 11:04a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117 Details.dwg by: zfli

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ENDWALL DETAILS

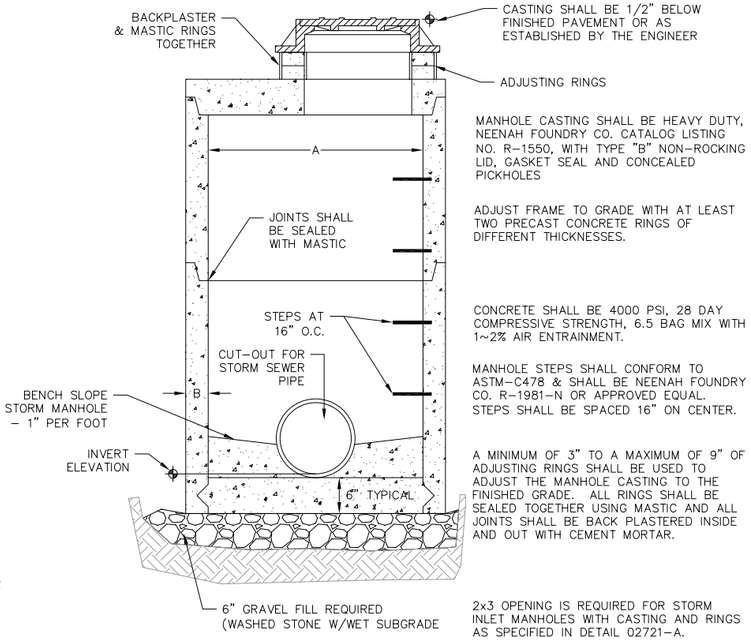
PIPE GATE DETAILS

NOTES:
– THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.
– THE CONTRACTOR SHALL PROVIDE JOINT TIES ON STORM SEWER SYSTEM INFALL AND OUTFALL PIPES. TIE THE ENDWALL AND THE LAST 2 PIPE SECTIONS.

PAINTING SPECIFICATIONS:
– THE PIPE GATE SHALL RECEIVER THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS–OLEUM X–60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST–OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS–OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

PREPARATION STEPS:
1. BARE METAL SURFACES – TREAT WITH THE THREE–COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.
3. ALLOW 24–48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

1 C701 STANDARD ENDWALL
NOT TO SCALE



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R–1550, WITH TYPE "B" NON–ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM–C478 & SHALL BE NEENAH FOUNDRY CO. R–1981–N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

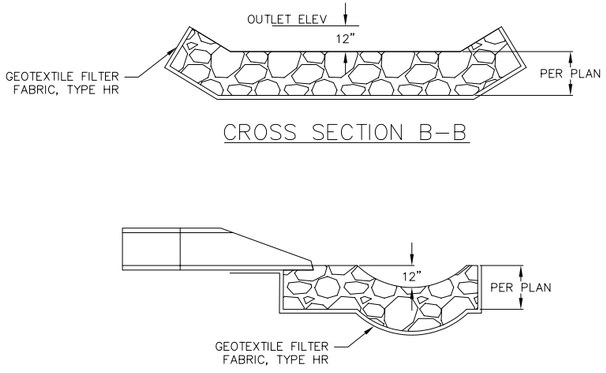
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2x3 OPENING IS REQUIRED FOR STORM INLET MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721–A.

STORM MANHOLE DIMENSIONS

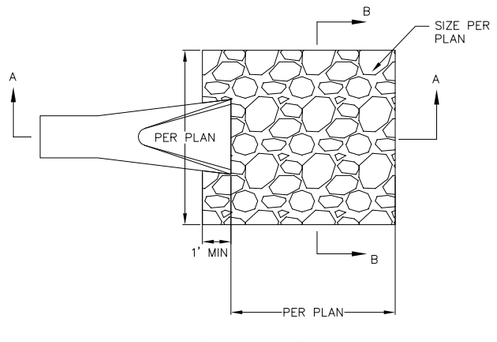
MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

3 C701 STORM SEWER MANHOLE
NOT TO SCALE



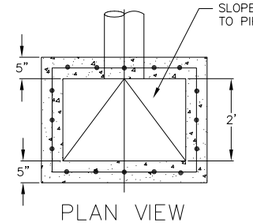
CROSS SECTION B–B

CROSS SECTION A–A

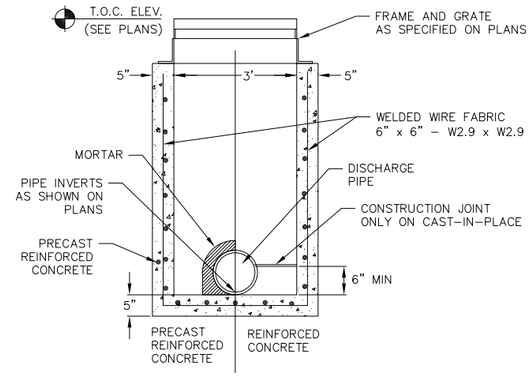


PLAN VIEW

2 C701 RIP–RAP OUTLET
NOT TO SCALE

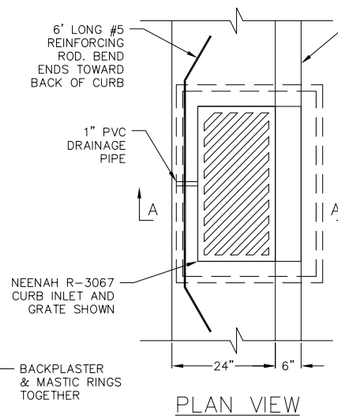


PLAN VIEW



CROSS SECTION

4 C701 CURB INLET – TYPE 3, 2' x 3' BASIN
NOT TO SCALE



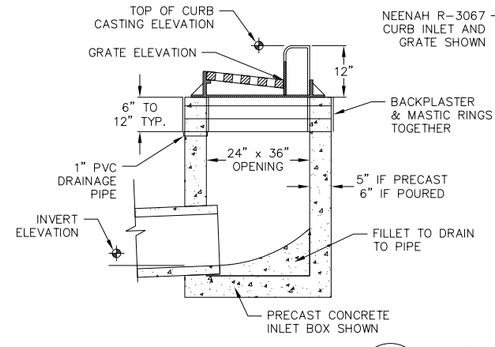
PLAN VIEW

NOTES:
– TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

– THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

– THE CASTING SHALL BE NEENAH FOUNDRY R–3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R–3067–L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

– FRAME ADJUSTING RINGS SHALL BE AT LEAST TWO CONCRETE RINGS OF VARIABLE THICKNESS. MASTIC BETWEEN RINGHS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.



SECTION A–A

5 C701 RECTANGULAR STREET INLET
NOT TO SCALE

vierbicher planners engineers advisors

Details - Stormwater
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS
1	3/27/24	Addendum 2

DATE 2/21/2024
DRAFTER ZFLI
CHECKED SPAR
PROJECT NO. 230117
SHEET C701

27 Mar 2024 - 11:04a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\203117 Details.dwg by: zfli

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE DANE COUNTY EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR COUNTY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 7-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE COUNTY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
13. USE BIO-RETENTION BASINS AS SEDIMENT TRAPS DURING CONSTRUCTION. AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET (NOTE: ADD SEEDING RATE STANDARD OF DETAIL BLOCK TO PLAN) UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
15. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
16. AFTER INFILTRATION BASIN GRADING IS COMPLETE, THE BOTTOM OF DRY BASINS SHALL RECEIVE 6" TOPSOIL AND SHALL BE CHISEL-PLOWED TO A MINIMUM DEPTH OF 12" PRIOR TO RESTORATION.
17. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
18. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
19. EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
20. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER/THIS SHEET. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
21. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
22. INSTALL MINIMUM 6'-7' WIDE EROSION MAT ALONG THE BACK OF CURB AFTER TOPSOIL HAS BEEN PLACED IN THE TERRACE IF THIS AREA WILL NOT BE SEEDED AND MULCHED WITHIN 48 HOURS OF PLACING TOPSOIL.
23. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
24. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
25. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
26. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
27. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE PERMITTING MUNICIPALITY.
28. THE COUNTY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

CONSTRUCTION SEQUENCE:

PHASE 1

1. INSTALL SILT FENCE, EROSION LOG AND TRACKING PAD
2. STRIP TOPSOIL-NORTH AND SOUTH BIO-RETENTION BASINS (BEGIN FEBRUARY 16, 2024)
3. ROUGH GRADE BIO-RETENTION BASINS TO THE TOP OF ENGINEERED SOILS LAYER
4. TEMPORARILY SEED BIO-RETENTION BASINS
5. STRIP TOPSOIL-SITE
6. ROUGH GRADE - SITE
7. CONSTRUCT UNDERGROUND UTILITIES
8. INSTALL INLET PROTECTION
9. CONSTRUCT PAVEMENT (STONE BASE, CURB & GUTTER, AND SIDEWALK) AND BUILDINGS.
10. SEED AND MULCH OR EROSION CONTROL
11. PHASE 1 COMPLETED ONCE NEW BUILDING IS OPERATIONAL.

PHASE 2

1. INSTALL SILT FENCE, STRAW BALE BARRIER, AND TRACKING PAD
2. STRIP TOPSOIL-EAST BIO-RETENTION BASIN
3. ROUGH GRADE BIO-RETENTION BASIN TO THE TOP OF ENGINEERED SOILS LAYER
4. TEMPORARILY SEED BIO-RETENTION BASIN
5. STRIP TOPSOIL-SITE
6. ROUGH GRADE - SITE
7. CONSTRUCT UNDERGROUND UTILITIES
8. INSTALL INLET PROTECTION
9. CONSTRUCT PAVEMENT (STONE BASE, CURB & GUTTER, AND SIDEWALK).
10. RESTORE TERRACES
11. REMOVE TRACKING PAD, SILT FENCE, EROSION LOG, DITCH CHECK, AND INLET PROTECTION AFTER DISTURBED AREAS ARE RESTORED (OCTOBER 31, 2024).
12. REMOVE SEDIMENT IN SEDIMENT TRAPS AND CONSTRUCT BIO-RETENTION BASINS PER PLAN.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED

   AFTER SEPTEMBER 15.

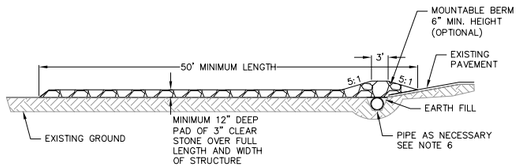
PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

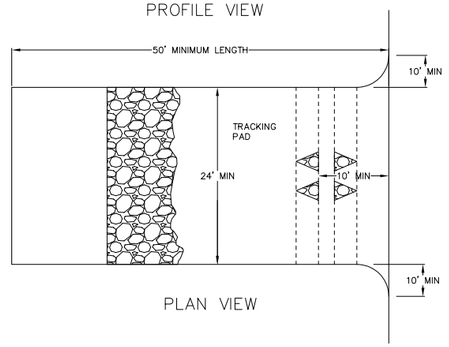
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:
USE ¾" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



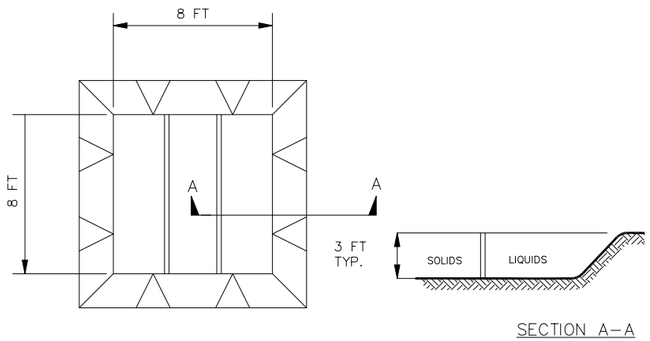
PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
2. LENGTH - MINIMUM OF 50'
3. WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
5. STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
7. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

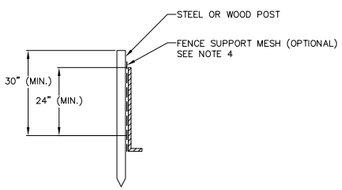
2 / C702 TRACKING PAD
NOT TO SCALE



PLAN

SECTION A-A

1 / C702 CONCRETE WASHOUT
NOT TO SCALE

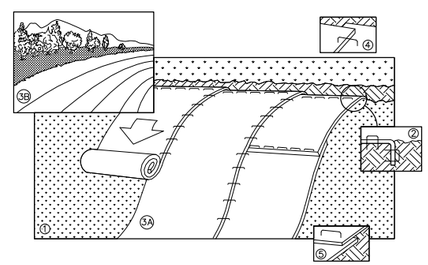


NOTES:

1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)

   POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

4 / C702 SILT FENCE
NOT TO SCALE



NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
   NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

3 / C702 EROSION MAT
NOT TO SCALE

vierbicher planners engineers advisors

Details - Erosion Control
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

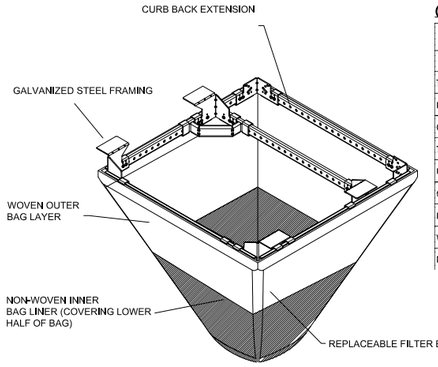
REVISIONS			
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NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
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PROJECT NO. 230117
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27 Mar 2024 - 11:04a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117 Details.dwg by: zfli

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FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS

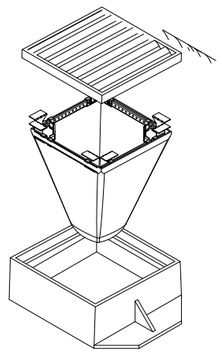


(HB) HYBRID FILTER BAG SPECIFICATIONS:

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)			
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	350 x 225 Lbs	100 Lbs
ELONGATION	ASTM D4632	20% x 15%	50%
CBR PUNCTURE	ASTM D6241	1000 Lbs	65 Lbs
TRAPEZOIDAL TEAR	ASTM D4533	110 x 75 Lbs	45 Lbs
UV RESISTANCE	ASTM D4355	90%	70%
OPENING SIZE (AOS)	ASTM D4751	20 US STD SIEVE	40 US STD SIEVE
PERMITTIVITY	ASTM D4491	1.5 Sec^{-1}	2.0 Sec^{-1}
WATER FLOW RATE	ASTM D4491	200 $gal/min/ft^2$	145 $gal/min/ft^2$
MINIMUM FILTER BAG VOLUME		2 CUBIC FT	

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft^3)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD26HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB



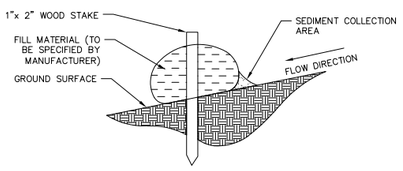
Installation Instructions:
1. Remove grate from the drainage structure
2. Clean stone and dirt from ledge (lip) of drainage structure
3. Drop the inlet filter through the clear opening such that the hangers rest firmly on the lip of the structure
4. Replace the grate and confirm it is not elevated more than 1/8"

Maintenance Guidelines:
1. Empty the sediment bag if more than half filled with sediment and debris
2. Remove the grate, engage the lifting points, and lift filter from the drainage structure
3. Dispose of sediment and debris as directed by the Engineer or Maintenance Contract
4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag

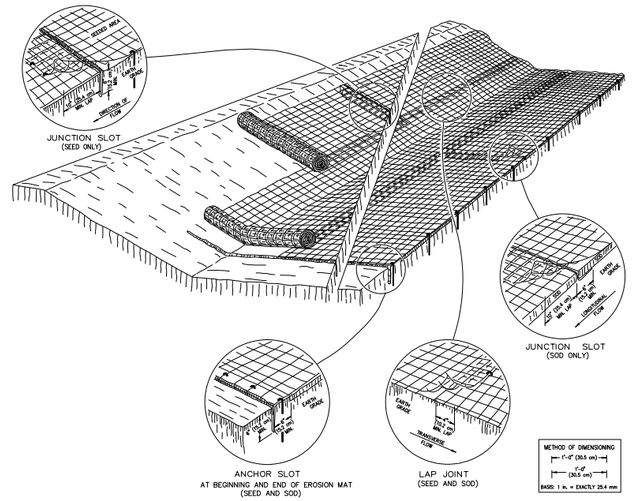
FLEXSTORM INLET FILTERS CATCH IT

SIZE	DRAWN BY	DWG NO	REV
C	DG	INLET_FILTERS	A
SCALE		SHEET 1 OF 1	

1 / C703 DANE COUNTY INLET PROTECTION
NOT TO SCALE



2 / C703 SILT SOCK
NOT TO SCALE



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFIRM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS AND WDNR TECHNICAL STANDARDS

VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERTINENT IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET (1.219 m) APART.

EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.

EROSION MAT WILL BE MEASURED AND PAID FOR IN ACCORD-ANCE WITH THE SPECIFICATIONS.

EROSION MAT OVER SOD

a. ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
b. WOOD STAKES FOR SOD MAY BE OMITTED BY THE ENGINEER IF THE EXISTING SLOPE AND SOIL CONDITIONS SO WARRANT.
c. THE WIDTH OF THE EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
d. SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.

EROSION MAT OVER SEEDING

JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET (30.48 m) ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET (15.24 m) ON GRADES EXCEEDING 3 PERCENT.

EROSION MAT FOR SLOPES SHALL BE LISTED ON THE WISCONSIN DOT PRODUCT ACCEPTABILITY LIST (PAL) AND BE A 100% BIODEGRADABLE BLANKET OF THE CLASS AND TYPE INDICATED ON THE PLANS OR BID FORM. CURLEX NETFREE BY AMERICAN EXCELSIOR OR EQUAL.

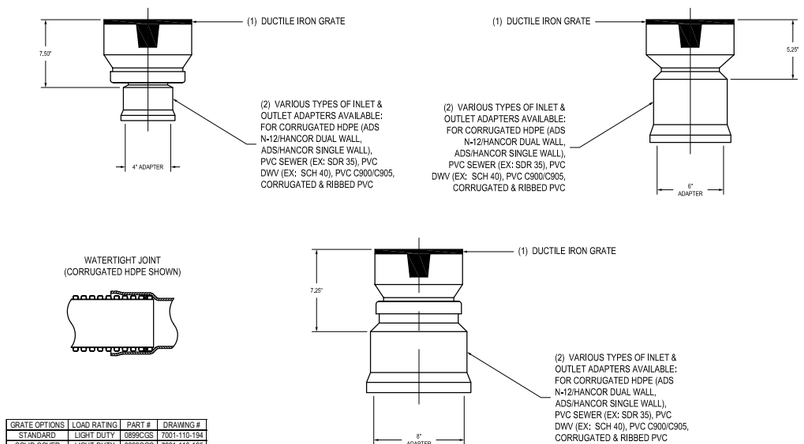
EROSION MAT FOR CHANNELS SHALL BE LISTED ON THE WISCONSIN DOT PRODUCT ACCEPTABILITY LIST (PAL) AND BE 100% BIODEGRADABLE. CLASS 1 TYPE B DOUBLE NETTED PRODUCTS SHOULD BE USED IN CHANNELS

STAPLES FOR ANCHORING THE EROSION MAT IN PLACE SHALL BE U-SHAPED, BIODEGRADABLE LANDSCAPE STAKES. STAPLES TO BE E-STAPLE BY AMERICAN EXCELSIOR OR EQUAL.

BID FORM AND PROJECT SPECIFICATIONS SHALL TAKE PRECEDENT OVER THIS DETAIL.

3 / C703 CHANNEL EROSION MAT
NOT TO SCALE

NYLOPLAST 8" INLINE DRAIN: 2708AG__X



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
STANDARD	LIGHT DUTY	0899CGS	7001-110-194
SOLID COVER	LIGHT DUTY	0899CGC	7001-110-195
BRONZE	N/A	0899CGB	7001-110-196
DOME	N/A	0899CGD	7001-110-197

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC.
3 - DIMENSIONS ARE FOR REFERENCE ONLY.
4 - ACTUAL DIMENSIONS MAY VARY.

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DRAWN BY	CJA
DATE	06-25-99
REVISED BY	CCA
DATE	07-19-13
DWG SIZE	A
MATERIAL	
PROJECT NO./NAME	
SCALE	NTS
SHEET	1 OF 1

ADS Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE: 8 IN INLINE DRAIN DESIGN DETAILS

DWG NO. 7003-110-000 REV G

4 / C703 8" NYOPLAST DRAIN
NOT TO SCALE

vierbicher planners engineers advisors

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NO.	DATE	REMARKS
1	3/27/24	Addendum 2

REVISIONS

NO.	DATE	REMARKS

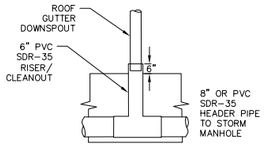
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Details - Erosion Control

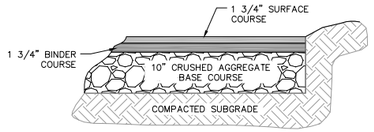
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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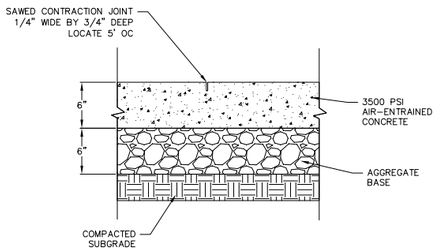


1 / C704 ROOF DRAIN HEADER
NOT TO SCALE

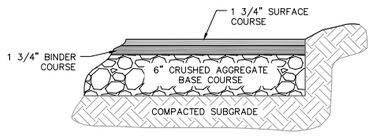


BITUMINOUS PAVEMENT
PARKING LOT

2 / C704 PARKING LOT ASPHALT PAVEMENT
NOT TO SCALE

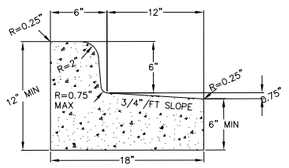


3 / C704 CONCRETE PAD
NOT TO SCALE

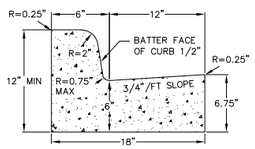


BITUMINOUS PAVEMENT
PARKING LOT

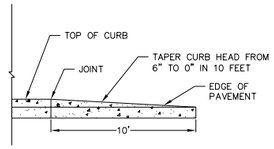
4 / C704 CART PATH ASPHALT PAVEMENT
NOT TO SCALE



CURB AND GUTTER
REJECT SECTION

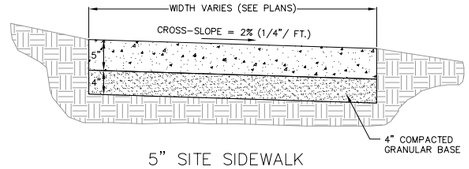


CURB AND GUTTER
CROSS SECTION

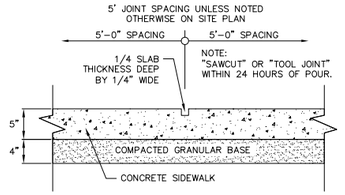


PROFILE VIEW

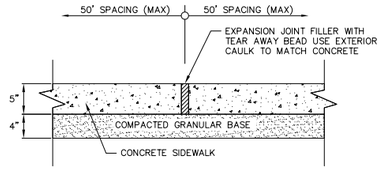
5 / C704 CURB & GUTTER TERMINATION
NOT TO SCALE



5" SITE SIDEWALK

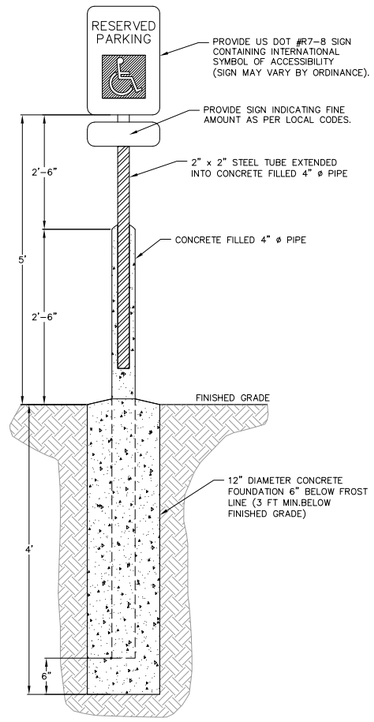


SIDEWALK CONTROL JOINT

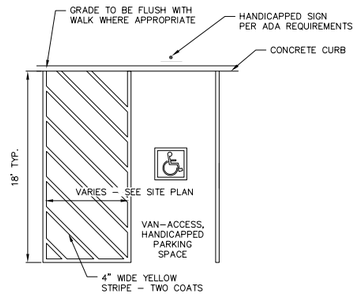


SIDEWALK EXPANSION JOINT

6 / C704 5" CONCRETE SIDEWALK
NOT TO SCALE



7 / C704 HANDICAP PARKING SIGN
NOT TO SCALE



8 / C704 HANDICAP STRIPING
NOT TO SCALE

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Details - Erosion Control
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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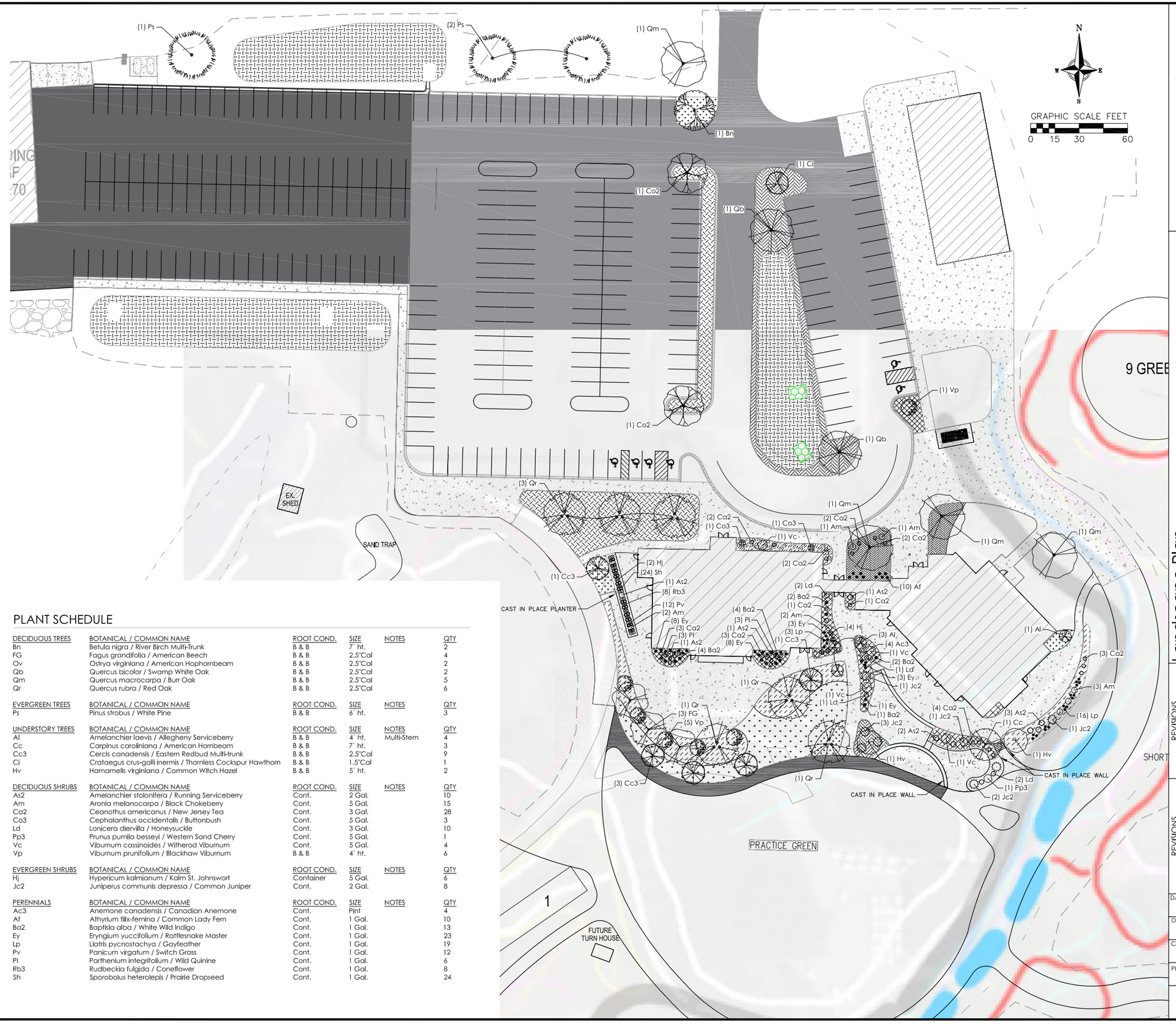
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CONCEPT PLANT SCHEDULE

	GC #1	6,295 sf
	Allium cernuum / Nodding Onion	328
	Anemone canadensis / Canadian Anemone	328
	Carex bicknellii / Prairie Sedge	655
	Coreopsis palmata / Stiff Tickseed	328
	Dalea purpurea / Purple Prairie Clover	328
	Liatris aspera / Rough Blazing Star	328
	Rudbeckia fulgida / Coneflower	328
	Sporobolus heterolepis / Prairie Dropseed	3,926
	GC #2	4,601 sf
	Carex bicknellii / Prairie Sedge	1,674
	Carex brevior / Oval Sedge	1,674
	Sporobolus heterolepis / Prairie Dropseed	1,435
	GC #3	337 sf
	Carex albicans / White-tinged Sedge	88
	Carex pensylvanica / Pennsylvania Sedge	106
	Carex rosea / Rosy Sedge	123
	Mertensia virginica / Virginia Bluebells	11
	Phlox divaricata / Woodland Phlox	11
	Polemonium reptans / Greek Valerian	15
	GC #4	1,142 sf
	Anemone canadensis / Canadian Anemone	95
	Carex albicans / White-tinged Sedge	95
	Carex bicknellii / Prairie Sedge	238
	Carex brevior / Oval Sedge	238
	Geum triflorum / Prairie Smoke	119
	Liatris aspera / Rough Blazing Star	131
	Sporobolus heterolepis / Prairie Dropseed	273
	GC #5	3,246 sf
	Allium cernuum / Nodding Onion	135
	Anemone canadensis / Canadian Anemone	135
	Asclepias verticillata / Whorled Milkweed	102
	Carex albicans / White-tinged Sedge	641
	Carex brevior / Oval Sedge	338
	Carex pensylvanica / Pennsylvania Sedge	506
	Carex rosea / Rosy Sedge	675
	Dodecatheon meadia / Shooting Star	102
	Geum triflorum / Prairie Smoke	169
	Heuchera richardsonii / Prairie Alum Root	102
	Koeleria macrantha / Prairie Junegrass	338
	Symphyotrichum ericoides / Heath Aster	135
	GC #6	710 sf
	Carex bicknellii / Prairie Sedge	148
	Carex rosea / Rosy Sedge	185
	Schizachyrium scoparium / Little Bluestem	185
	Sporobolus heterolepis / Prairie Dropseed	222
	GC #7	1,260 sf
	Carex albicans / White-tinged Sedge	459
	Carex brevior / Oval Sedge	131
	Carex pensylvanica / Pennsylvania Sedge	328
	Carex rosea / Rosy Sedge	393
	TURF	2,991 sf
	-	
	BIORETENTION	13,190 sf
	Asclepias incarnata / Swamp Milkweed	549
	Carex annectens / Yellow-fruited Sedge	1,371
	Carex bebbii / Bebb's Sedge	1,097
	Carex bicknellii / Prairie Sedge	823
	Carex bromoides / Brome-like Sedge	549
	Carex cristatella / Crested Oval Sedge	823
	Carex hystericina / Porcupine Sedge	823
	Carex scoparia / Broom Sedge	823
	Carex vulpinoidea / Fox Sedge	823
	Elymus virginicus / Virginia Wild Rye	275
	Eutrochium maculatum / Spotted Joe Pye Weed	275
	Iris versicolor / Blue Flag	549
	Liatris pycnostachya / Gayfeather	549
	Liatris spicata / Blazing Star	549
	Lobelia cardinalis / Cardinal Flower	275
	Lobelia siphilitica / Great Lobelia	275
	Monarda fistulosa / Bergamot	275
	Panicum virgatum / Switch Grass	549
	Pycnanthemum virginianum / Mountain Mint	275
	Rudbeckia subtomentosa / Sweet Black-eyed Susan	275
	Scirpus pendulus / Nodding Bulrush	275
	Solidago riddellii / Riddell's Goldenrod	275
	Symphyotrichum puniceum / Swamp Aster	275
	Tradescantia ohiensis / Ohio Spiderwort	275
	Verbena hastata / Blue Vervain	275
	Vernonia fasciculata / Ironweed	275
	Veronicastrum virginicum / Culver's Root	275



PLANT SCHEDULE

DECIDUOUS TREES	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
Bn	Betula nigra / River Birch Multi-Trunk	B & B	7` ht.		2
FG	Fagus grandifolia / American Beech	B & B	2.5"Cal		4
Ov	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal		2
Qb	Quercus bicolor / Swamp White Oak	B & B	2.5"Cal		2
Qm	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		5
Qr	Quercus rubra / Red Oak	B & B	2.5"Cal		6
EVERGREEN TREES	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Ps	Pinus strobus / White Pine	B & B	6` ht.		3
UNDERSTORY TREES	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Al	Amelanchier laevis / Allegheny Serviceberry	B & B	4` ht.	Multi-Stem	4
Cc	Carpinus caroliniana / American Hornbeam	B & B	7` ht.		3
Cc3	Cercis canadensis / Eastern Redbud Multi-Trunk	B & B	2.5"Cal		9
Ci	Crataegus crus-galli inermis / Thornless Cockspur Hawthorn	B & B	1.5"Cal		1
Hv	Hamamelis virginiana / Common Witch Hazel	B & B	5` ht.		2
DECIDUOUS SHRUBS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
As2	Amelanchier stolonifera / Running Serviceberry	Cont.	2 Gal.		10
Am	Aronia melanocarpa / Black Chokeberry	Cont.	5 Gal.		15
Ca2	Ceanothus americanus / New Jersey Tea	Cont.	3 Gal.		28
Co3	Cephalanthus occidentalis / Buttonbush	Cont.	5 Gal.		3
Ld	Lonicera diervilla / Honeysuckle	Cont.	3 Gal.		10
Pp3	Prunus pumila besseyi / Western Sand Cherry	Cont.	5 Gal.		1
Vc	Viburnum cassinoides / Witherod Viburnum	Cont.	5 Gal.		4
Vp	Viburnum prunifolium / Blackhaw Viburnum	B & B	4` ht.		6
EVERGREEN SHRUBS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Hj	Hypericum kalmianum / Kalm St. Johnswort	Container	5 Gal.		6
Jc2	Juniperus communis depressa / Common Juniper	Cont.	2 Gal.		8
PERENNIALS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Ac3	Anemone canadensis / Canadian Anemone	Cont.	Pint		4
Af	Athyrium filix-femina / Common Lady Fern	Cont.	1 Gal.		10
Ba2	Baptisia alba / White Wild Indigo	Cont.	1 Gal.		13
Ey	Eryngium yuccifolium / Rattlesnake Master	Cont.	1 Gal.		23
Lp	Liatris pycnostachya / Gayfeather	Cont.	1 Gal.		19
Pv	Panicum virgatum / Switch Grass	Cont.	1 Gal.		12
Pl	Parthenium integrifolium / Wild Quinine	Cont.	1 Gal.		6
Rb3	Rudbeckia fulgida / Coneflower	Cont.	1 Gal.		8
Sh	Sporobolus heterolepis / Prairie Dropseed	Cont.	1 Gal.		24

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Landscape Plan

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS
1	3/27/24	Addendum 2

DATE 2/21/2024
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PROJECT NO. 230117

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PLANT MATERIAL NOTES:

1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION.
5. EXACT LOCATIONS OF EACH PLANT ARE GIVEN IN PLAN. WHILE SLIGHT DEVIATIONS ARE ACCEPTABLE, OVERALL SCHEMATIC/ORIENTATION TO BE ADHERED TO AS ACCURATELY AS POSSIBLE.

LANDSCAPE MATERIAL NOTES:

1. CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
3. LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN.
4. LANDSCAPE BEDS ARE SEPARATED FROM SEEDED AREAS WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE $\frac{3}{16}$"X4" OR EQUAL, COLOR BLACK ANODIZED.
4. ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 6' DIAMETER UNDYED SHREDDED HARDWOOD BARK MULCH RING AT A DEPTH OF 3" AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULATE SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION ACCORDING TO MANUFACTURER SPECIFICATIONS.

SEEDING AND PLUG PLANTING NOTES:

1. ALL UNLABELED DISTURBED AREEAS TO BE SEEDED WITH 'MADISON PARKS' SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY $\frac{1}{2}$" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"–6".) PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
2. INSTALL BIO–RETENTION PLANTINGS AS 2" X 2" X 4" OR 2.25" X 2.25" X 5" OR 2.5" X 2.5" X 3.5" PLUGS AS SUPPLIED BY AGRECOL, MIDWEST GROUNDCOVERS, TAYLOR CREEK OR EQUAL. BIORETENTION PLUGS TO BE INSTALLED 12" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING SPECIFIED RATIO OF SPECIES THROUGHOUT PLANTING. APPLY 1' WATER DAILY FOR 4 WEEKS FOLLOWING INSTALLATION. FOLLOWING PLANTING, AREA TO BE SEEDED WITH 'STORMWATER/BIOINFULTRATION' BY AGRECOL OR EQUAL, PER MANUFACTURER'S RECOMENDATIONS AND BROADCAST MULCHED WITH A LAYER OF WEED FREE STRAW MULCH. STRAW MULCH MUST ALLOW FOR SUFFICIENT AIR AND LIGHT PENETRATION. REFER TO 'PRAIRIE AREA' NOTES REGARDING SUGGESTED MAINTENANCE ACTION.
4. INSTALL GROUNDCOVERS (GC) AS 2" X 2" X 4", 2.25" X 2.25" X 5" OR 2.5" X 2.5" X 3.5" PLUGS. PLUGS TO BE INSTALLED 12" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING A REPRESENTATIVE RATIO OF SPECIES RESPECTIVELY THROUGHOUT PLANTING. PLUG NUMBERS ARE APPROXIMATE BASED ON AREA, CONTRACTOR TO CONFIRM QUANTITIES. WHERE SHRUBS/TREES ARE SHOWN WITHIN GROUNDCOVER AREAS, SUBSTITUTE SHRUB/TREE FOR PLUG AND SPACE SURROUNDING PLUGS 12" FROM SHRUB/TREE ROOT MASS, PATTERN ACCORDING. APPLY $\frac{1}{2}$' WATER DAILY FOR 4 WEEKS FOLLOWING INSTALLATION. APPLY AN INITIAL APPLICATION OF PRE–EMERGENT HERBICIDE PER MANUFACTURER'S INSTRUCTIONS AND STATE REGULATIONS. APPLY 2" OF CEDAR MULCH AT TIME OF PLANTING. SUGGESTED MAINTENANCE INCLUDES MULCH AND PRE–EMERGENT HERBICIDE TREATMENTS FOR THE FIRST 5 YEARS. AREAS SUGGESTED TO BE CUT BACK ONCE A YEAR DURING THE SPRING SEASON

GENERAL LANDSCAPE NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY AFFECTED PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.
5. ALL MATERIAL QUANTITIES AND AREA MEASUREMENTS SHOWN ON LANDSCAPE PLAN ARE TO BE CONFIRMED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND ADJUSTING FOR ANY QUANTITATIVE DISCREPANCIES BETWEEN PLAN, SCHEDULES, AND PREPARED CONDITIONS PRIOR TO INSTALLATION.

PRAIRIE AREAS: PLANTING AND MAINTENANCE THROUGH YEAR 2

* IT IS STRONGLY RECOMMENDED TO CONSULT A QUALIFIED ECOLOGICAL RESTORATION CONTRACTOR OR CONSULTANT FOR ANY NATIVE PLANT ESTABLISHMENT OR MAINTENANCE EFFORTS. WELL ESTABLISHED NATIVE PLANTINGS REQUIRE SIGNIFICANTLY LESS LABOR INPUT THAN A MOWED TURF PLANTING OVER TIME.

PREPARING THE SITE

IT IS RECOMMENDED TO REMOVE EXISTING VEGETATION PRIOR TO SOWING SEED IN ORDER TO PROMOTE OPTIMAL GROWTH. IF INTER–SEEDING INTO EXISTING VEGETATION, ADJUST SEEDING RATES ACCORDINGLY. REMOVE WEEDS FROM SITE PRIOR TO PLANTING, USING ONE OR A COMBINATION OF THE FOLLOWING METHODS:

1. APPLY A VEGETATION KILLING HERBICIDE SUCH AS GLYPHOSATE AT LEAST TWO TIMES SPACED TWO WEEKS APART. APPLY SEED OR PLANT PLUGS AFTER TWO WEEKS FROM THE SECOND HERBICIDE APPLICATION.
2. COVER THE AREA ENTIRELY WITH BLACK PLASTIC OR CARDBOARD FOR ONE GROWING SEASON.
3. ROTOTILL OR DISK THE AREA AT LEAST EVERY MONTH FOR AT LEAST ONE ENTIRE GROWING SEASON.

PLANTING THE SEED

PLANT SEED MIX BEFORE JUNE 15 OR AFTER OCTOBER 15 FOR BEST RESULTS. SOIL SEED CONTACT IS NECESSARY FOR SEEDS TO GERMINATE; EITHER TILL SOIL WELL OR USE A SPECIAL DRILL FOR NO–TILL SEEDING. INCORPORATE ANY NECESSARY SOIL AMENDMENTS PRIOR TO SEEDING. DO NOT PLANT SEED DEEPER THAN ONE INCH. WATERING AND MULCHING MAY HELP SUPPORT GERMINATION, BUT WATERING MUST BE DONE CONSISTENTLY UNTIL GERMINATION IS COMPLETE.

CARING FOR THE PLANTING

WEED CONTROL IS CRITICAL WHILE THE NATIVE PLANTS ARE BECOMING ESTABLISHED. WEEDS MAY BE CONTROLLED VIA MOWING, SPOT HERBICIDE APPLICATION, OR HAND PULLING. DURING THE FIRST GROWING SEASON, MOW AT A HEIGHT NO LESS THAN 6" IN LATE JUNE, LATE JULY AND LATE AUGUST. IN THE SECOND YEAR, MOW AT A HEIGHT OF NO LESS THAN 6" IN LATE JUNE AND MID AUGUST. SPOT INVASIVE WEED TREATMENT SHOULD BE COMPLETED AT LEAST ONCE A YEAR WITH A SELECTIVE HERBICIDE. REFER TO RESOURCES PROVIDED BY THE DNR FOR SPECIFIC INVASIVE SPECIES TO BE TARGETED.

PRAIRIE AREAS: MAINTENANCE AFTER YEAR 2

AFTER TWO GROWING SEASONS, WEEDS CAN BE CONTROLLED VIA BURNING OR MOWING. BURNING IS BEST DONE IN LATE SPRING (LATE APRIL) FOR MAXIMUM INHIBITION OF WEEDS AND TO PRESERVE WINTER NESTING HABITAT. BURNING SHOULD BE DONE EVERY 2–4 YEARS. IF SEEDED AREAS ARE OF SIGNIFICANT SIZE, BURN/MOW AREA MAY BE ROTATED SO THAT ONLY A PORTION (1/2–1/3 OF THE TOTAL AREA) IS BURNED/MOWED DURING A GIVEN YEAR. IN AREAS WHERE BURNING IS NOT FEASIBLE, REMAINING VEGETATION SHOULD BE MOWED TO A HEIGHT OF 6" IN LATE FALL OR EARLY SPRING EVERY OTHER YEAR. IN AREAS TOO STEEP TO MOW WITH A TRADITIONAL RIDING MOWER, BRUSH CUTTERS OR TRAILING MOWER WITH ATV SHOULD BE USED. SPOT HERBICIDE TREATMENT FOR INVASIVE SPECIES SHOULD BE CONSIDERED AS ANNUAL MAINTENANCE, WITH A SUGGESTED MINIMUM OF TWO TREATMENTS THROUGHOUT THE GROWING SEASON. IN GENERAL, MORE INTENSIVE ESTABLISHMENT EFFORTS IN THE FIRST 2 YEARS RESULT IN SIGNIFICANTLY LOWER MAINTENANCE EFFORTS IN SUBSEQUENT SEASONS.

vierbicher planners engineers advisors

Landscape Notes

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	
1	3/27/24	Addendum 2	

DATE 2/21/2024
DRAFTER EGOR
CHECKED SPAR
PROJECT NO. 230117

L200

27 Mar 2024 - 11:08a M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117_Landscape Plan.dwg by: zfil

Exhibit D: Architectural Plans

PRAIRIE PINES GOLF CLUB

PAC ACQUISITIONS LLC

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison | Rockford

PRAIRIE PINES GOLF CLUB

AY PROJECT NUMBER: 76290



SHEET INDEX:

GENERAL		
G001	COVER SHEET	
G002	TYPICAL MOUNTING HEIGHTS AND ADA STANDARDS FOR REFERENCE ONLY	
G003	LIFE SAFETY	
G004	RENDERINGS	
CIVIL		
C100	TITLE SHEET	
C200	EXISTING CONDITIONS	
C300	DEMOLITION PLAN - PHASE I	
C301	DEMOLITION PLAN - PHASE II	
C400	SITE PLAN - PHASE I	
C401	SITE PLAN - PHASE II	
C500	GRADING PLAN	
C600	UTILITY PLAN	
C700	DETAILS	
C701	DETAILS	
L100	LANDSCAPE PLAN	
L200	LANDSCAPE NOTES	
SITE		
C101	ENLARGED SITE AMENITY PLAN	
C800	SITE DETAILS	
STRUCTURAL		
S101	OVERALL FOUNDATION AND SLAB PLAN	
S101A	FOUNDATION AND FIRST FLOOR FRAMING PLAN - AREA A	
S101B	FOUNDATION AND SLAB PLAN - AREA B	
S201	OVERALL ROOF FRAMING PLAN	
S201A	ROOF FRAMING PLAN - AREA A	
S201B	ROOF FRAMING PLAN - AREA B	
S301	STRUCTURAL GENERAL NOTES, DESIGN SPECIFICATIONS, AND SCHEDULES	
S401	FRAMING ELEVATIONS	
S801	STRUCTURAL DETAILS	
S802	STRUCTURAL DETAILS	
S803	STRUCTURAL DETAILS	
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A100	OVERALL BASEMENT FLOOR PLAN	
A101	OVERALL FIRST FLOOR PLAN	
A101A	FIRST FLOOR PLAN - CLUBHOUSE BUILDING A	
A101B	FIRST FLOOR PLAN - VENUE BUILDING B	
A102	ROOF PLAN	
A105	ENLARGED FLOOR PLANS - CLUBHOUSE BUILDING A	
A106	ENLARGED FLOOR PLANS - VENUE BUILDING B	
A201	OVERALL FIRST FLOOR REFLECTED CEILING PLAN	
A201A	REFLECTED CEILING PLAN - CLUBHOUSE BUILDING A	
A201B	REFLECTED CEILING PLAN - VENUE BUILDING B	
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A302	WINDOW FRAME ELEVATIONS	
A303	WINDOW FRAME ELEVATIONS	
A401	OVERALL EXTERIOR ELEVATIONS	
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A501	INTERIOR ELEVATIONS AND SECTIONS - CLUBHOUSE BUILDING A	
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A601	BUILDING SECTIONS - CLUBHOUSE BUILDING A	
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A703	WALL SECTIONS - CLUBHOUSE BUILDING A	
A704	WALL SECTIONS - VENUE BUILDING B	
A705	WALL SECTIONS - VENUE BUILDING B	
A706	WALL SECTIONS - VENUE BUILDING B	
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A801	GENERAL DETAILS	
A802	GENERAL DETAILS	
A803	DETAILS - CLUBHOUSE BUILDING A	
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A901	OVERALL FINISH PLAN, ROOM SCHEDULE AND MATERIAL SCHEDULE	
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P102A	FIRST FLOOR SANITARY AND VENT PLAN - CLUBHOUSE BUILDING A	
P102B	FIRST FLOOR SANITARY AND VENT PLAN - VENUE BUILDING B	
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P201A	FIRST FLOOR DOMESTIC WATER PLAN - CLUBHOUSE BUILDING A	
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M101	OVERALL FIRST FLOOR HVAC PLAN	
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E101B	FIRST FLOOR LIGHTING PLAN VENUE - AREA B	
E201	FIRST FLOOR OVERALL POWER AND SYSTEMS PLAN	
E201A	FIRST FLOOR AND BASEMENT POWER AND SYSTEMS PLAN CLUBHOUSE - AREA A	
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FS102	FOOD SERVICE EQUIPMENT PLAN - BASEMENT	
FS200	FOOD SERVICE ELECTRICAL PLAN - VENUE	
FS201	FOOD SERVICE ELECTRICAL PLAN - CLUBHOUSE	
FS202	FOOD SERVICE ELECTRICAL PLAN - BASEMENT	
FS300	FOOD SERVICE PLUMBING PLAN - VENUE	
FS301	FOOD SERVICE PLUMBING PLAN - CLUBHOUSE	
FS302	FOOD SERVICE PLUMBING PLAN - BASEMENT	
FS400	FOOD SERVICE CONDITIONS PLAN - VENUE	
FS401	FOOD SERVICE CONDITIONS PLAN - CLUBHOUSE	
FS402	FOOD SERVICE CONDITIONS PLAN - BASEMENT	

REGULATORY DATA:

BUILDING CODES:
OVERALL BUILDING: 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2013 NFPA 10
2010 NFPA 13
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL ELECTRICAL CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL PLUMBING CODE

ACCESSIBILITY: 2009 ANSI A117.1

USE AND OCCUPANCY CLASSIFICATION:
GROUP A-2, B, M AND S
NON-SEPARATED MIXED-USE

TYPE OF CONSTRUCTION:
TYPE VB (CLUBHOUSE), VB (VENUE)

FIRE PROTECTION SYSTEM: N/A

GENERAL BUILDING HEIGHT AND AREA:

AREA:
VENUE
ALLOWED (WITH FRONTAGE INCREASE): 7,980 SF
ACTUAL: 6,809 SF
CLUBHOUSE
ALLOWED (WITH FRONTAGE INCREASE): 8,340 SF
ACTUAL: 6,885 SF

STORIES:
VENUE
ALLOWED: 1 STORY
ACTUAL: 1 STORY
CLUBHOUSE
ALLOWED: 1 STORY
ACTUAL: 1 STORY

HEIGHT:
VENUE
ALLOWED: 40'-0"
ACTUAL: 25'-6 1/2"
CLUBHOUSE
ALLOWED: 40'-0"
ACTUAL: 34'-9 1/2"

LOCATION MAP:



ISSUANCES / REVISIONS		
NO:	DESCRIPTION:	DATE:
	PRELIMINARY SUBMITTAL	09/11/2023
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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WISCONSIN
JEFFREY A. DAVIS
A-11094-5
JANESVILLE
REGISTERED ARCHITECT

TITLE BLOCK

35	30	25	20	15	10	05
34	29	24	19	14	09	04
33	28	23	18	13	08	03
32	27	22	17	12	07	02
31	26	21	16	11	06	01

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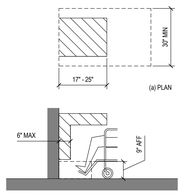
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COVER SHEET

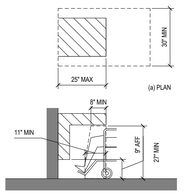
G001

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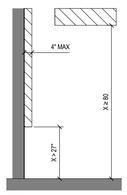
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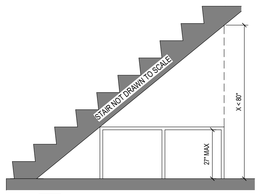
G1 306.2 TOE CLEARANCE



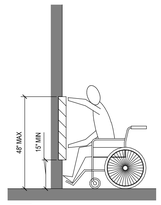
G2 306.3 KNEE CLEARANCE



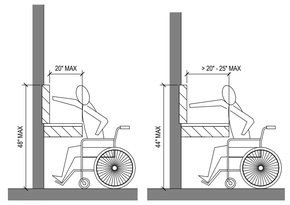
G3 307.2 LIMITS OF PROTRUDING OBJECTS



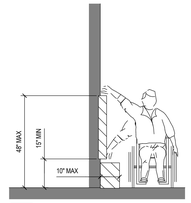
G4 307.4 VERTICAL CLEARANCE



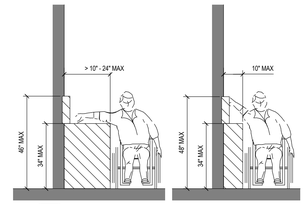
G5 308.2.1 UNOBSTRUCTED FORWARD REACH



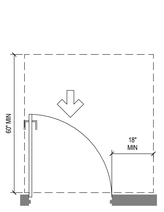
G6 308.2.2 OBSTRUCTED FORWARD REACH



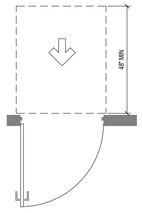
G7 308.3.1 UNOBSTRUCTED SIDE REACH



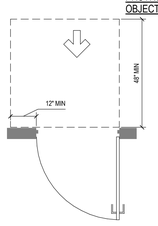
G8 308.3.2 OBSTRUCTED HIGH SIDE REACH



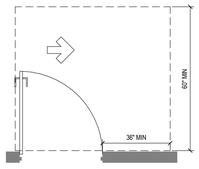
A) FRONT APPROACH, PULL SIDE



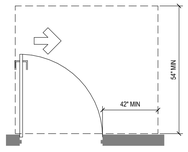
B) FRONT APPROACH, PUSH SIDE



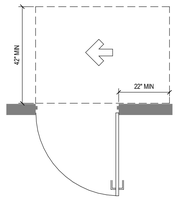
C) FRONT APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH



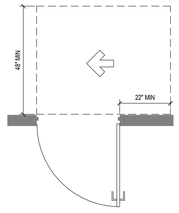
D) HINGE APPROACH, PULL SIDE



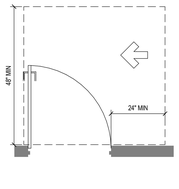
E) HINGE APPROACH, PULL SIDE



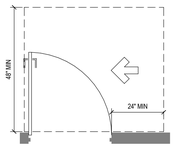
F) HINGE APPROACH, PUSH SIDE



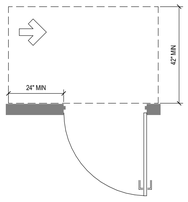
G) HINGE APPROACH, PUSH SIDE DOOR PROVIDED WITH BOTH CLOSER AND LATCH



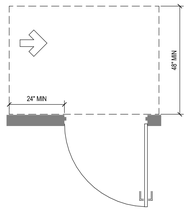
H) LATCH APPROACH, PULL SIDE



I) LATCH APPROACH, PULL SIDE

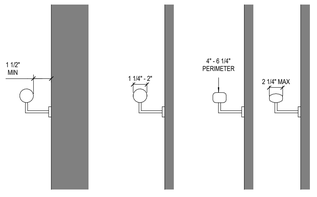


J) LATCH APPROACH, PUSH SIDE



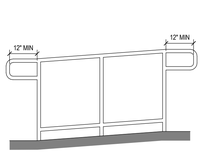
K) LATCH APPROACH, PUSH SIDE, DOOR PROVIDED WITH CLOSER

G9 404.2.4.1 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS

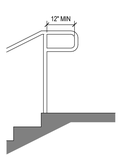


G10 505.5 HANDRAIL CLEARANCE

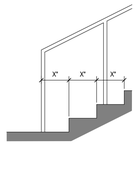
G11 505.7 HANDRAIL CROSS SECTION



G12 505.10.1 TOP & BOTTOM HANDRAIL EXTENSIONS AT RAMPS



G13 505.10.2 TOP HANDRAIL EXTENSION AT STAIRS



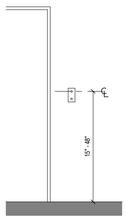
G14 505.10.3 BOTTOM HANDRAIL EXTENSION AT STAIRS

MAXIMUM REACH DEPTH & HEIGHT CHART FOR FAUCET & SOAP DISPENSER CONTROLS

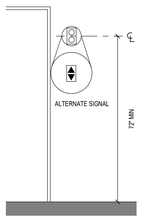
MAXIMUM REACH DEPTH	0.5"	2"	5"	6"	9"	11"
MAXIMUM REACH HEIGHT	48"	46"	42"	40"	36"	34"

NOTE: NOT APPLICABLE FOR RESIDENTIAL TYPE A AND B UNITS

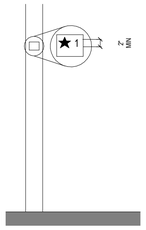
G15 MAXIMUM REACH DEPTH & HEIGHT CHART



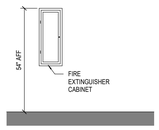
G16 407.2.1.1 ELEVATOR CALL BUTTON



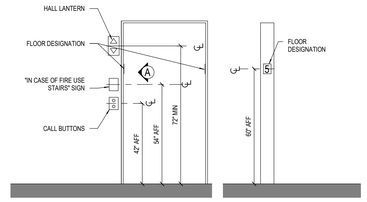
G17 407.2.2.2 ELEVATOR VISIBLE SIGNALS



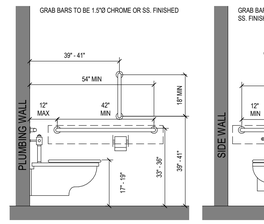
G18 407.2.3.1 ELEVATOR FLOOR DESIGNATION



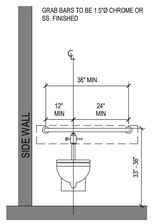
G19 FIRE EXTINGUISHER CABINET MOUNTING HEIGHT



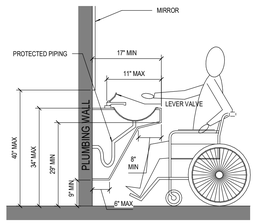
G20 ELEVATOR ACCESSORIES MOUNTING HEIGHTS



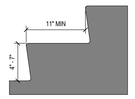
G21 604 WALL MOUNTED TOILET SIDE WALL GRAB BARS



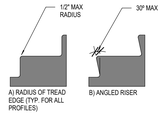
G22 604 WALL MOUNTED TOILET REAR WALL GRAB BARS



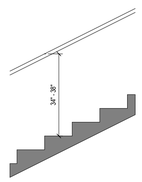
G23 606 HEIGHTS AND CLEARANCES AT LAVATORIES



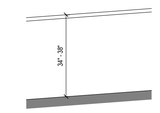
G24 504.2 TREADS AND RISERS



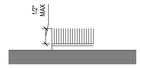
G25 504.5 STAIR NOSINGS



G26 505.4 HANDRAIL HEIGHT FOR STAIRS



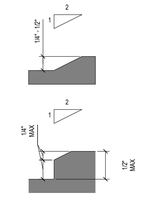
G27 505.4 HANDRAIL HEIGHT FOR RAMPS



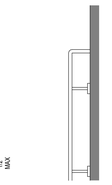
G28 302.2 CARPET ON FLOOR SURFACES



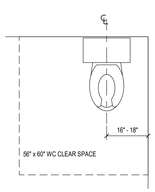
G29 303.2 VERTICAL CHANGES IN LEVEL



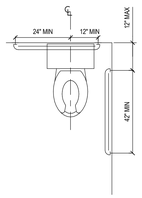
G30 303.3 BEVELED CHANGES IN LEVEL



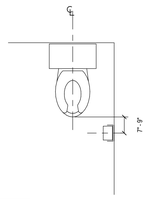
G31 505.10.1 & 505.10.2 HANDRAIL WALL RETURN



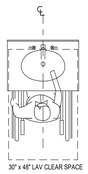
G32 604.3 WATER CLOSET CLEARANCE



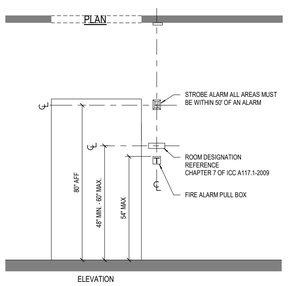
G33 604.5 GRAB BARS



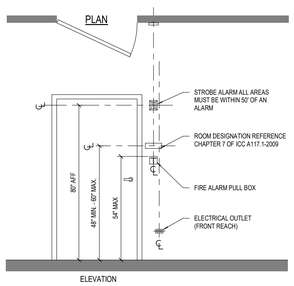
G34 604.7 DISPENSERS



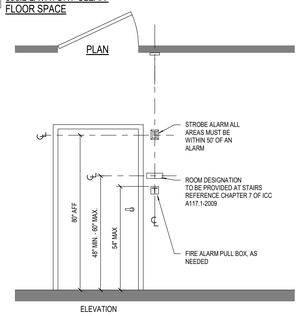
G35 606.2 LAVATORY CLEAR FLOOR SPACE



G36 MOUNTING HEIGHTS ADJACENT TO CASED OPENINGS



G37 MOUNTING HEIGHTS ADJACENT TO OUTSWING DOORS



G38 MOUNTING HEIGHTS ADJACENT TO INSWING DOORS

SIGNAGE NOTES

1. ALL CODE-REQUIRED SIGNAGE IS TO BE INSTALLED PRIOR TO BUILDING OCCUPANCY.
2. SIGNAGE SUPPLIER IS TO BE RESPONSIBLE FOR CODE COMPLIANCE OF SIGNAGE AND TO BE RESPONSIBLE FOR ALL CODE REQUIRED SIGNAGE, WHETHER LISTED BELOW OR NOT, EXCEPT EXIT SIGNAGE.
3. CODE REQUIRED SIGNAGE INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
   - A. ACCESSIBILITY SIGNAGE PER IBC:
     - i. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE USED AT THE FOLLOWING LOCATIONS TO IDENTIFY REQUIRED ACCESSIBLE ELEMENTS:
       - a. ACCESSIBLE AREAS OF REFUGE AS REQUIRED BY IBC 1007.9
       - b. UNISEX TOILET AND BATHING ROOMS AS REQUIRED BY IBC 1110.1.6
     - ii. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS AND SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY:
       - a. AT EACH SEPARATE-SEX TOILET AND BATHING ROOM INDICATING THE LOCATION OF THE NEAREST FAMILY OR ASSISTED-USE TOILET OR BATHING ROOM IF PROVIDED IN ACCORDANCE WITH IBC SECTION 1110.2.4.
       - b. SIGNS THAT PROVIDE DIRECTION TO OR INFORMATION ABOUT PERMANENT INTERIOR SPACES OF THE SITE AND FACILITIES SHALL CONTAIN VISUAL CHARACTERS COMPLYING WITH ANSI A117.1.
     - iii. SIGNAGE INDICATING SPECIAL ACCESSIBILITY PROVISIONS SHALL BE PROVIDED AS FOLLOWS. SIGNAGE TO BE DESIGNED AND MOUNTED PER THE PROVISIONS OF ICC/ANSI A117.1-2009, SECTION 703.
       - a. AT EACH DOOR TO AN EXIT STAIRWAY, SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1011.3. SIGNAGE SHALL DESIGNATE NEXT FLOOR OF RE-ENTRY IN BOTH EMERGENCY AND NON-EMERGENCY CONDITIONS.
       - b. AT EACH DOOR TO AN EXIT STAIRWAY, SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1011.3. SIGNAGE SHALL DESIGNATE EACH AREA OF RESCUE ASSISTANCE (AOR) AND BE PROVIDED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS NOTED ABOVE.
       - c. AT AREAS OF REFUGE, SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1007.11
       - d. AT AREAS FOR ASSISTED RESCUE, SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1007.11
4. SEE MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR OTHER SIGNAGE REQUIREMENTS.

ACCESSIBILITY NOTES

1. THIS PROJECT SHALL COMPLY FULLY WITH ALL REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE AND ANSI A117.1-2009 AS APPLICABLE
2. ELEVATORS REQUIRED TO BE ACCESSIBLE BY IBC 1109.6 SHALL COMPLY FULLY WITH THE REQUIREMENTS IN IBC 3001.3 (ELEVATORS), AND ANSI A117.1-2009 SECTION 407.
3. ALL DOORS LEADING TO REQUIRED ACCESSIBLE SPACES SHALL BE MINIMUM 3'-0" WIDE, 18" CLEARANCE ON PULL SIDE, & HAVE LEVER OPERATED HARDWARE, AND COMPLY FULLY WITH ANSI A117.1-2009 SECTION 404 (DOORS AND DOORWAYS)
4. ALL CONTROLS AND OPERATING MECHANISMS SHALL BE WITHIN REACH RANGE (AS DESCRIBED IN ANSI A117.1 SECTION 308) AND COMPLY WITH IBC 15" A.F.F. TO 48" A.F.F.
5. ALL EMERGENCY WARNING / FIRE ALARM SYSTEMS SHALL BE BOTH AUDIBLE AND VISUAL AND SHALL COMPLY FULLY WITH ANSI 117.1 2009 SECTION 702. ALL VISUAL ALARMS THROUGHOUT THE BUILDING TO BE SYNCHRONIZED.
6. VISUAL ALARMS SHALL BE MOUNTED 80" AFF OR 6" BELOW CEILING. WHICHEVER IS LESS. VISUAL ALARMS ONLY ARE ACCEPTABLE IF AN AUDIBLE ALARM LOCATED IN THE CORRIDOR IS CLOSE ENOUGH TO EXCEED SOUND LEVELS WITHIN THE ROOM OR SPACE BY A MINIMUM OF 15 DBA.
7. ALL PUBLIC TELEPHONES REQUIRED TO BE ACCESSIBLE SHALL BE EQUIPPED WITH A PERMANENT TTY AND MUST FULLY COMPLY WITH IBC. NOTES: NO PUBLIC TELEPHONES ARE PROPOSED FOR THIS PROJECT.
8. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE A MAXIMUM OF 48" AFF (FORWARD REACH) OR 54" MAX (SIDE REACH) (ANSI A117.1-308). THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29" LONG. NOTES: NO PUBLIC TELEPHONES ARE PROPOSED FOR THIS PROJECT.
9. WHERE A REQUIRED EXIT FROM AN OCCUPIABLE LEVEL ABOVE OR BELOW A LEVEL OF ACCESSIBLE EXIT DISCHARGE IS NOT ACCESSIBLE, AN AREA OF RESCUE ASSISTANCE SHALL BE PROVIDED AT EACH LEVEL, AND MUST COMPLY WITH IBC.
10. SIGNAGE (INC) PROVIDED THROUGHOUT THE FACILITY SHALL BE BRAILLE, TACTILE AND COLOR CONTRASTING AND FULLY COMPLY WITH IBC.
11. PROVIDE MAXIMUM 1:12 SLOPE AT ALL RAMPS WITH HANDRAILS AT BOTH SIDES. (ANSI A117.1-405)
12. ACCESSIBLE ENTRANCE: MAIN ENTRY SHALL BE FULLY ACCESSIBLE, EQUIPPED WITH ELECTRIC PUSH BUTTON POWER DOOR ASSIST, AND COMPLY FULLY WITH 2010 ADAAG. RECEPTION DESK TO PROVIDE ACCESSIBLE ACCESS (36" WIDE @ 28" TO 34" A.F.F.)
13. TOILET HEIGHT CLEARANCES: MUST BE 17"-19" A.F.F. PER ANSI A117.1-604.4. VERTICAL GRAB BAR REQUIRED. ALL OTHER PLUMBING FIXTURES SHALL COMPLY WITH ANSI A117.1-604 THROUGH 610.
15. BOTTOM OF REFLECTIVE SURFACE ON MIRRORS WITHIN ACCESSIBLE BATHROOMS MUST BE AT 40" A.F.F. PER ANSI A117.1 - 603.3.
16. GRAB BARS SHALL BE INSTALLED AT 33" TO 36" A.F.F. TO TOP OF GRAB BAR. FLUSH CONTROLS IN ACCESSIBLE STALLS AND BATHROOMS TO BE ON THE WIDE SIDE OF THE TOILET.
17. ALL DRINKING FOUNTAINS SHALL BE IAC REQUIRED "HI-LO" TYPE, AND SHALL COMPLY WITH ANSI A117.1-2009 SECTION 602
18. ALL CURB RAMPS SHALL COMPLY WITH ANSI A117.1 SECTION 406 AND LOCAL DEPT. OF TRANSPORTATION STANDARDS FOR SIDEWALK CURB RAMPS. DETECTABLE SURFACE TO BE 2' x 4' USING TRUNCATED DOMES IN SQUARE PATTERN.
19. IN ADDITION TO REQUIREMENTS LISTED ABOVE, TOILET ROOMS, BATHING AND SHOWER FACILITIES SHALL COMPLY WITH 2010 ADAAG
20. CHANGE IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MAXIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE RAMPED AND SHALL COMPLY WITH ANSI A117.1.

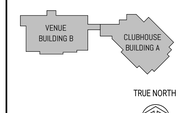
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PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



ISSUANCES / REVISIONS		
NO:	DESCRIPTION:	DATE:
	PRELIMINARY SUBMITTAL	09/11/2023
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
AY

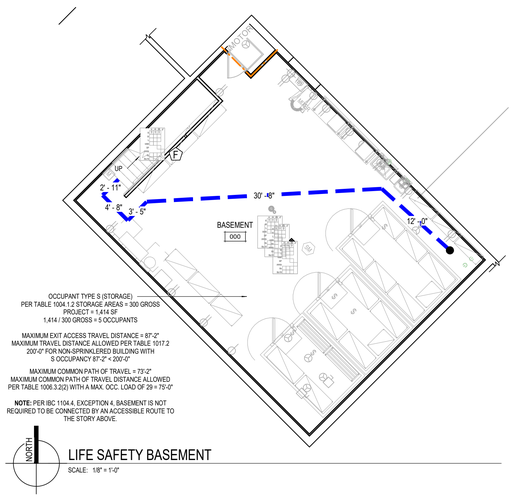
DRAWN BY
AJR

TYPICAL MOUNTING HEIGHTS AND ADA STANDARDS FOR REFERENCE ONLY

G002

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Sheet Size: 30" x 42" (Arch E1)



OCCUPANT TYPE S (STORAGE)
PER TABLE 1004.1.2 STORAGE AREAS = 300 GROSS
PROJECT = 1,414 SF
1,414 / 300 GROSS = 5 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 87'-2"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
S OCCUPANCY 87'-2" < 200'-0"

MAXIMUM COMMON PATH OF TRAVEL = 73'-2"
MAXIMUM COMMON PATH OF TRAVEL ALLOWED
PER TABLE 1006.3.2(2) WITH A MAX. OCC. LOAD OF 29 = 75'-0"

NOTE: PER IBC 1104.4, EXCEPTION 4, BASEMENT IS NOT REQUIRED TO BE CONNECTED BY AN ACCESSIBLE ROUTE TO THE STORY ABOVE.

NORTH

LIFE SAFETY BASEMENT

SCALE: 1/8" = 1'-0"

Chapter 1 Scope and Administration

Applicable Codes
Building
2015 IBC
2015 IFC
2015 NFPA 10
2015 NFPA 13
2015 IPC
2015 IMC
2015 IEC
2015 IECC
Accessibility 2009 ANSI A117.1

Chapter 3 Use and Occupancy Classifications

Assembly - Section 303.3 Assembly Group A-2:
Group A-2 occupancy includes assembly uses intended for food and/or drink consumption including, but not limited to:
Banquet halls, Casinos (gaming areas), Nightclubs, Restaurants, cafeterias and similar dining facilities (including associated commercial kitchens)
Taverns and bars

Business - Section 304.1 Business Group B:
Business Group B occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts.

Mercantile - Section 309.1 Mercantile Group M:
Mercantile Group M occupancy includes, among others, the use of a building or structure or a portion thereof for the display and sale of merchandise, and involves stocks of goods, wares or merchandise incidental to such purposes and accessible to the public. Mercantile occupancies shall include, but not limited to, the following:
Department stores, Drug stores, Markets, Motor fuel-dispensing facilities, Retail or wholesale stores, Sales rooms

Storage - Section 311.2 Moderate-hazard storage, Group S-1:
Storage Group S-1 occupancies are buildings, occupied for storage uses that are not classified as Group S-2, including, but not limited to, storage of the following:
Bags: cloth, burlap and paper, Baskets, Boots and shoes, Furniture, Furs, Leather, Silks

Chapter 5 General Building Heights and Areas

Tables 504.3, 504.4, 506.2

				Allowable			Actual		
Building	Group	Occupancy	Type	Stories	Area	Height	Stories	Area	Height
Venue:	Assembly	A-2	VB	1	6,000 SF	40'-0"	1	4,582 SF	29'-1 1/4"
	Storage	S-1	VB	1	9,000 SF	40'-0"	1	339 SF	29'-1 1/4"
	Business	B	VB	2	9,000 SF	40'-0"	1	124 SF	29'-1 1/4"
Venue Total Building Area = 6,619 SF									
Clubhouse:	Assembly	A-2	VB	1	6,000 SF	40'-0"	1	3,711 SF	38'-3 3/4"
	Mercantile	M	VB	1	9,000 SF	40'-0"	1	506 SF	38'-3 3/4"
	Storage	S-1	VB	1	9,000 SF	40'-0"	1	90 SF	38'-3 3/4"
	Business	B	VB	2	9,000 SF	40'-0"	1	312 SF	38'-3 3/4"
Basement:	Storage	S-1	VB	1	9,000 SF	40'-0"	1	1,414 SF	38'-3 3/4"

Clubhouse First Floor Building Area = 6,883 SF
Clubhouse Total Building Area (Including Basement) = 8,297 SF

506.3 - Frontage Increase:
Every building shall adjoin or have access to a public way to receive an area factor increase based on frontage. Area factor increase shall be determined in accordance with Sections 506.3.1 through 506.3.3

506.3.1 - Minimum Percentage of Perimeter:
To qualify for an area factor increase based on frontage, a building shall have not less than 25 percent of it's perimeter on a public way or open space. Such open space shall be either on the same lot or dedicated for public use and shall be accessed from a street or approved fire lane.

506.3.2 - Minimum Frontage Distance:
To qualify for an area factor increase based on frontage, the public way or open space adjacent to the building perimeter shall have a minimum distance (W) of 20 feet measured at right angles from the building face to any of the following:
1. The closest lot line
2. The entire width of a street, alley or public way
3. The exterior face of an adjacent building on the same property

Where the value of W is greater than 30 feet a value of 30 feet shall be used in calculating the building area increase based on frontage, regardless of actual width of the public way or open space. Where the value of W varies along the perimeter of the building, the calculation performed in accordance with Equation 5-5 shall be based on the weighted average calculated in accordance with Equation 5-4.

506.3.3 - Amount of Increase:
The area factor increase based on frontage shall be determined in accordance with Equation 5-5.

Venue:	North = 131'	East = 17'	West = 71'-9"	Total = 219'-9" (F)
	Total Perimeter = 376'-3" (P)			
	I = (219.75 / 378.25' - 0.25) = 0.33%			
	A-2 = 6,000 SF x 1.33 = 7,980 SF			
Clubhouse:	North = 62'	Northeast = 125'	Southeast = 71'-6"	Total = 258'-6" (F)
	Total Perimeter = 402'-6" (P)			
	I = (258.5' / 402.5' - 0.25) = 0.39%			
	A-2 = 6,000 SF x 1.39 = 8,340 SF			

508.3 - Non-separated occupancies:
Buildings or portions of buildings that comply with the provisions of this section shall be considered as non-separated occupancies.

Chapter 7 Fire and Smoke Protection Features

Section 705.3 - Buildings on the Same Lot:

For the purposes of determining the required wall and opening protection, projections and roof-covering requirements, buildings on the same lot shall be assumed to have an imaginary line between them.

Exception:

Two or more buildings on the same lot shall be either regulated as separate building or shall be considered as portions of one building if the aggregate area of such buildings is within the limits specified in Chapter 5 for a single building. Where the buildings contain different occupancy groups or are of different types of construction, the area shall be that allowed for the most restrictive occupancy or construction.

705.5 - Fire-Resistance Ratings:
Exterior walls shall be fire-resistance rated in accordance with Tables 601 and 602 and this section. The required fire-resistance rating of exterior walls with a fire separation distance of greater than 10 feet shall be rated for exposure to fire from the inside. The required fire-resistance rating of exterior walls with a fire separation distance of less than or equal to 10 feet shall be rated for exposure to fire from both sides.

705.8 - Maximum Area of Exterior Wall Openings:

		Fire Separation Distance	Degree of Protection	Allowable Area
Venue:	North Elevation	> 30'	UP, NS	No Limit
	East Elevation	> 10' Less than 15'	UP, NS	15%
	South Elevation	> 30'	UP, NS	No Limit
	West Elevation	> 30'	UP, NS	No Limit
Clubhouse:	North Elevation	> 30'	UP, NS	No Limit
	East Elevation	> 30'	UP, NS	No Limit
	South Elevation	> 30'	UP, NS	No Limit
	West Elevation	> 10' Less than 15'	UP, NS	15%

Chapter 8 Interior Finishes

Section 802.1.1 - Interior Wall and Ceiling Finish Materials:

Class A	Flame Spread 0-25	Smoke Development 0-450
Class B	Flame Spread 26-75	Smoke Development 0-450
Class C	Flame Spread 76-200	Smoke Development 0-450

Chapter 9 Fire Protection Systems

Fire Protection: N/A per SPS 362.0903 (18).1. For Group A-2 Occupancy for a building that does not have access to a municipal water supply as long as the following are met:
A. The fire area does not exceed 12,000 square feet
B. The occupant load for the fire area does not exceed 300
C. The fire area is located on a floor with exit discharge at grade

Table 803.11 - Interior and Ceiling Finish Requirements by Occupancy with Non-sprinklered:

Group	Exits	Corridors	Rooms
Assembly	A	A*	B**
Mercantile	A	B	C
Storage	B	B	C
Business	A	B	C

* Exception: Lobby areas in Group A1 / A2 / A3 occupancies are allowed to be class B.

** Exception: Class C interior finish materials shall be permitted in places of Assembly with an occupant load of 300 persons or less.

Chapter 10 Means of Egress

1006.2.1 - Egress based on occupant load and common path of egress travel distance:
Two exits or exit access doorways from any space shall be provided where the design occupant load or the common path of egress travel distance exceeds the values listed in Table 1006.2.1

1007.1.1 - Two exits or exit access doorways:
Where two exits, exit access doorways, exit access stairways or ramps or any combination thereof, are required from any portion of the exit access, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between them.

1017.2 - Exit Access Travel Distance with Non-sprinklered:

Occupancy	Feet
Assembly	200
Mercantile	200
Storage	200
Business	200

1026.1 - Horizontal Exits:
Horizontal exits serving as an exit in a means of egress system shall comply with the requirements of this section. A horizontal exit shall not serve as the only exit from a portion of a building, and where two or more exits are required, not more than one half of the total number of exits or total exit minimum width of required capacity shall be horizontal exits.

Chapter 29 Plumbing Systems

Table 2902.1- Minimum Number of Required Plumbing Fixtures:

Classification	Occupancy	Water Closet	Lavatory	Bath/Shower	Drinking Fountain	Sink
Assembly	A-2	1/75	1/200	NA	1/500	1
Mercantile	M	1/500	1/750	NA	1/1,000	1
Storage	S-1	1/100	1/100	NA	1/1,000	1
Business	B	1/25 - 1/50*	1/40 - 1/80**	NA	1/100	1

* 1/25 for the first 50 and 1/50 for the remainder exceeding 50
** 1/40 for the first 80 and 1/80 for the remainder exceeding 80
*** Drinking fountains are not required as drinking water will be served free of charge.

Fixture Calculations

Club house fixture calculations:

	Water Closets		Lavatories	
Interior	Male	Female	Male	Female
A-2	93 (1.24)	93 (1.24)	93 (.47)	93 (.47)
M	5 (0.01)	5 (0.01)	5 (0.01)	5 (0.01)
S-1	1 (0.01)	1 (0.01)	1 (0.01)	1 (0.01)
B	2 (0.08)	2 (0.08)	2 (0.05)	2 (0.05)
Exterior				
A-2	52 (.69)	52 (.69)	52 (.26)	52 (.26)
Total	1.98	1.98	0.79	0.79
Provided	3	3	2	2

Venue fixture calculations:

	Water Closets		Lavatories	
Interior	Male	Female	Male	Female
A-2	136 (1.81)	136 (1.81)	136 (.69)	136 (.69)
S-1	2 (0.02)	2 (0.02)	2 (0.02)	2 (0.02)
B	2 (0.08)	2 (0.08)	2 (0.05)	2 (0.05)
Total	1.91	1.91	0.76	0.76
Provided	3	3	2	2

LIFE SAFETY PLAN GENERAL NOTES:

1. FIRE EXTINGUISHER CABINETS (FEC) SHALL BE SEMI-RECESSED.
2. COORDINATE FINAL LOCATION OF FIRE EXTINGUISHERS AND KNOX BOX WITH LOCAL FIRE DEPARTMENT
3. CONTRACTORS SHALL IDENTIFY NEW FIRE WALLS/ BARRIERS AS LISTED ON THE PLANS WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL BE IN AN ACCESSIBLE CONCEALED CEILING SPACE, BE REPEATED AT INTERVALS EXCEEDING 30 FT MEASURED HORIZONTALLY, INCLUDE LETTERING NOT LESS THAN .5 INCH IN HEIGHT INCORPORATING "1 HOUR FIRE BARRIER, PROTECT ALL OPENINGS"

LIFE SAFETY PLAN KEYNOTES NOTES:

01 45 MINUTE RATED FIRE DOOR
02 90 MINUTE RATED FIRE DOOR
03 IMAGINARY PROPERTY LINE
04 PEDESTRIAN WALKWAY PER IBC SECTION 3104

LIFE SAFETY LEGEND

- 1 HOUR FIRE RESISTANCE RATED WALL PER FIGURE 3104.5.1
- 2 HOUR FIRE RESISTANCE RATED WALL PER FIGURE 3104.5.1
- ACCESS/EXIT PATH
- COMMON PATH OF TRAVEL
- XX'-XX" EXIT PATH SEGMENT DISTANCE
- EXIT LOCATION
- 25 / 180 NUMBER OF OCCUPANTS / OCCUPANCY AVAILABLE PER WIDTH OF DOOR
- F FIRE EXTINGUISHER CABINET/SEMI-RECESSED IN PUBLIC SPACES. FOR EMPLOYEE ONLY SPACES BRACKET MOUNT IS ACCEPTABLE

NOTE:
This plan is intended to be printed in color as it contains color coded life safety data. Without a color print, information contained on this plan may be missing or misinterpreted.

CLEAR WIDTH PROVIDED: 68"
LOAD GOING THROUGH DOOR: 133 OCCUPANTS
133 x .2 (PER SECTION 1005) = 19 REQUIRED
26.6" < 68"

OCCUPANT TYPE S (STORAGE)
PER TABLE 1004.1.2 STORAGE AREAS = 300 GROSS
PROJECT = 325 SF
325 / 300 GROSS = 2 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 88'-3"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
S OCCUPANCY 88'-3" < 200'-0"

OCCUPANT TYPE B (BUSINESS)
PER TABLE 1004.1.2 BUSINESS AREAS = 100 GROSS
PROJECT = 118 SF
118 / 100 GROSS = 2 OCCUPANT

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 57'-10"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 57'-10" < 200'-0"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 ASSEMBLY AREAS = 1/15 NET
PROJECT = 172 SF
172 / 15 GROSS = 12 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 66'-8"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 66'-8" < 200'-0"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 KITCHEN AREAS = 200 GROSS
PROJECT = 331 SF
331 / 200 GROSS = 2 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 51'-6"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 51'-6" < 200'-0"

CLEAR WIDTH PROVIDED: 68"
LOAD GOING THROUGH DOOR: 94 OCCUPANTS
95 x .2 (PER SECTION 1005) = 19 REQUIRED
19" < 68"

OCCUPANT TYPE S (STORAGE)
PER TABLE 1004.1.2 STORAGE AREAS = 300 GROSS
PROJECT = 90 SF
90 / 300 GROSS = 1 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 48'-5"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
S OCCUPANCY 48'-5" < 200'-0"

CLEAR WIDTH PROVIDED: 68"
LOAD GOING THROUGH DOOR: 142 OCCUPANTS
142 x .2 (PER SECTION 1005) = 19 REQUIRED
28.4" < 68"

CLEAR WIDTH PROVIDED: 34"
LOAD GOING THROUGH DOOR: 10 OCCUPANTS
12 x .2 (PER SECTION 1005) = 2 REQUIRED
2.4" < 34"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 KITCHEN AREAS = 200 GROSS
PROJECT = 1,244 SF
1,244 / 200 GROSS = 7 OCCUPANTS

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 59'-6"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 59'-6" < 200'-0"

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 59'-6"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 59'-6" < 200'-0"

OCCUPANT TYPE B (BUSINESS)
PER TABLE 1004.1.2 BUSINESS AREAS = 100 GROSS
PROJECT = 312 SF
314 / 100 GROSS = 3 OCCUPANT

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 49'-0"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 49'-0" < 200'-0"

OCCUPANT TYPE M (MERCANTILE)
PER TABLE 1004.1.2 MERCANTILE AREAS = 60 GROSS
PROJECT = 506 SF
506 / 60 GROSS = 9 OCCUPANT

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 54-5"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
B OCCUPANCY 54'-5" < 200'-0"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 ASSEMBLY AREAS = 15 NET
PROJECT = 3,854 SF
3,854 / 15 NET = 257 OCCUPANTS

MAXIMUM ACCESS TRAVEL DISTANCE = 97'-3"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
A OCCUPANCY 97'-3" < 200'-0"

VENUE BUILDING B

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 ASSEMBLY AREAS = 15 NET
PROJECT = 2,387 SF
2,387 / 15 NET = 160 OCCUPANTS

MAXIMUM ACCESS TRAVEL DISTANCE = 100'-3"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
A OCCUPANCY 100'-3" < 200'-0"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 KITCHEN AREAS = 200 GROSS
PROJECT = 142 SF
142 / 200 GROSS = 1 OCCUPANT

MAXIMUM ACCESS TRAVEL DISTANCE = 75'-5"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
A OCCUPANCY 75'-5" < 200'-0"

OCCUPANT TYPE A-2 (ASSEMBLY)
PER TABLE 1004.1.2 ASSEMBLY AREAS = 15 NET
PROJECT = 298 SF
258 / 15 NET = 18 OCCUPANTS

MAXIMUM ACCESS TRAVEL DISTANCE = 31'-10"
MAXIMUM TRAVEL DISTANCE ALLOWED PER TABLE 1017.2
200'-0" FOR NON-SPRINKLERED BUILDING WITH
A OCCUPANCY 31'-10" < 200'-0"

CLEAR WIDTH PROVIDED: 34"
LOAD GOING THROUGH DOOR: 101 OCCUPANTS
102 x .2 (PER SECTION 1005) = 21 REQUIRED
20.4" < 34"

PRO SHOP BUILDING A

LIFE SAFETY PLAN FIRST FLOOR

SCALE: 1/8" = 1'-0"

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN

VENUE BUILDING B
CLUBHOUSE BUILDING A
TRUE NORTH

ISSUANCES / REVISIONS

NO:	DESCRIPTION:	DATE:
	PRELIMINARY SUBMITTAL	09/11/2023
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
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APPROVED BY
JAD

REVIEWED BY
AY

DRAWN BY
AJR

LIFE SAFETY

G003

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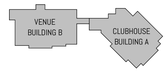
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PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



TRUE NORTH

ISSUANCES / REVISIONS

NO:	DESCRIPTION:	DATE:
	SD PRICING ISSUANCE	06/19/2023
	PRELIMINARY SUBMITTAL	09/11/2023
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
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APPROVED BY
JAD

REVIEWED BY
AY

DRAWN BY
AJR

RENDERINGS

G004

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Sheet Size: 30" x 42" (Arch E1)

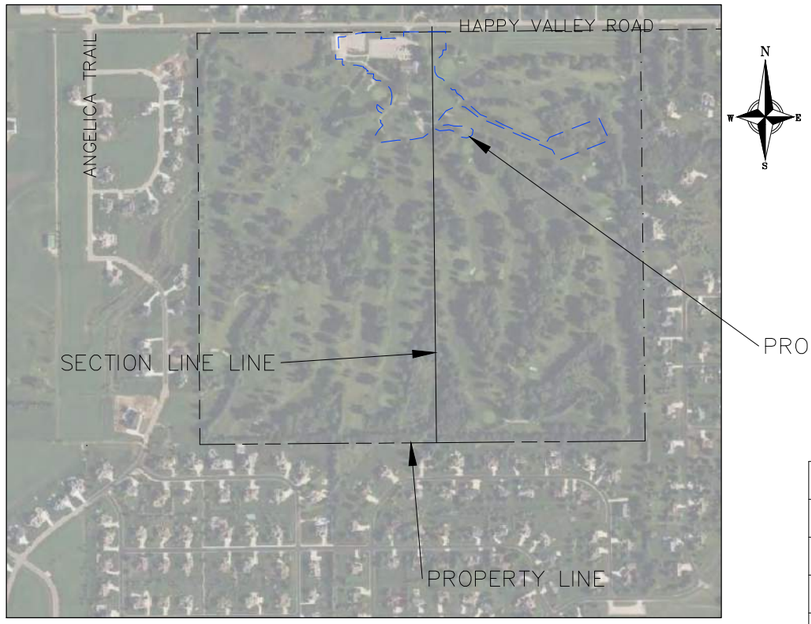
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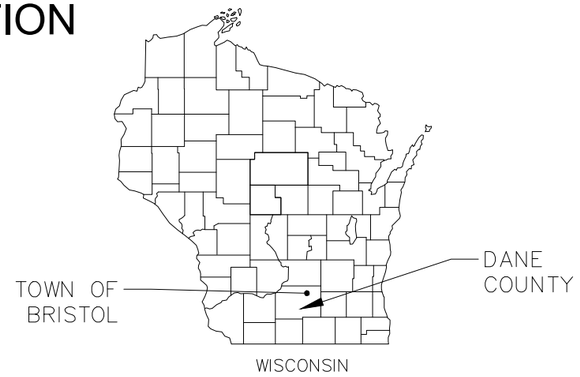
PRAIRIE PINES GOLF CLUB

CLUBHOUSE AND PARKING LOT DEVELOPMENT

TOWN OF BRISTOL, DANE COUNTY, WISCONSIN

PLAN REVIEW / BID PACKAGE 1/ FOR CONSTRUCTION





SHEET NO.	DESCRIPTION
C100	TITLE SHEET
C200	EXISTING CONDITIONS
C300	DEMOLITION PLAN
C400	SITE PLAN
C500	GRADING PLAN
C600	UTILITY PLAN
C700	DETAILS
L100	LANDSCAPE PLAN

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
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THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

ISSUED DATE: 2/21/2024

vierbicher planners | engineers | advisors

Title Sheet
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS
NO. | DATE | REMARKS

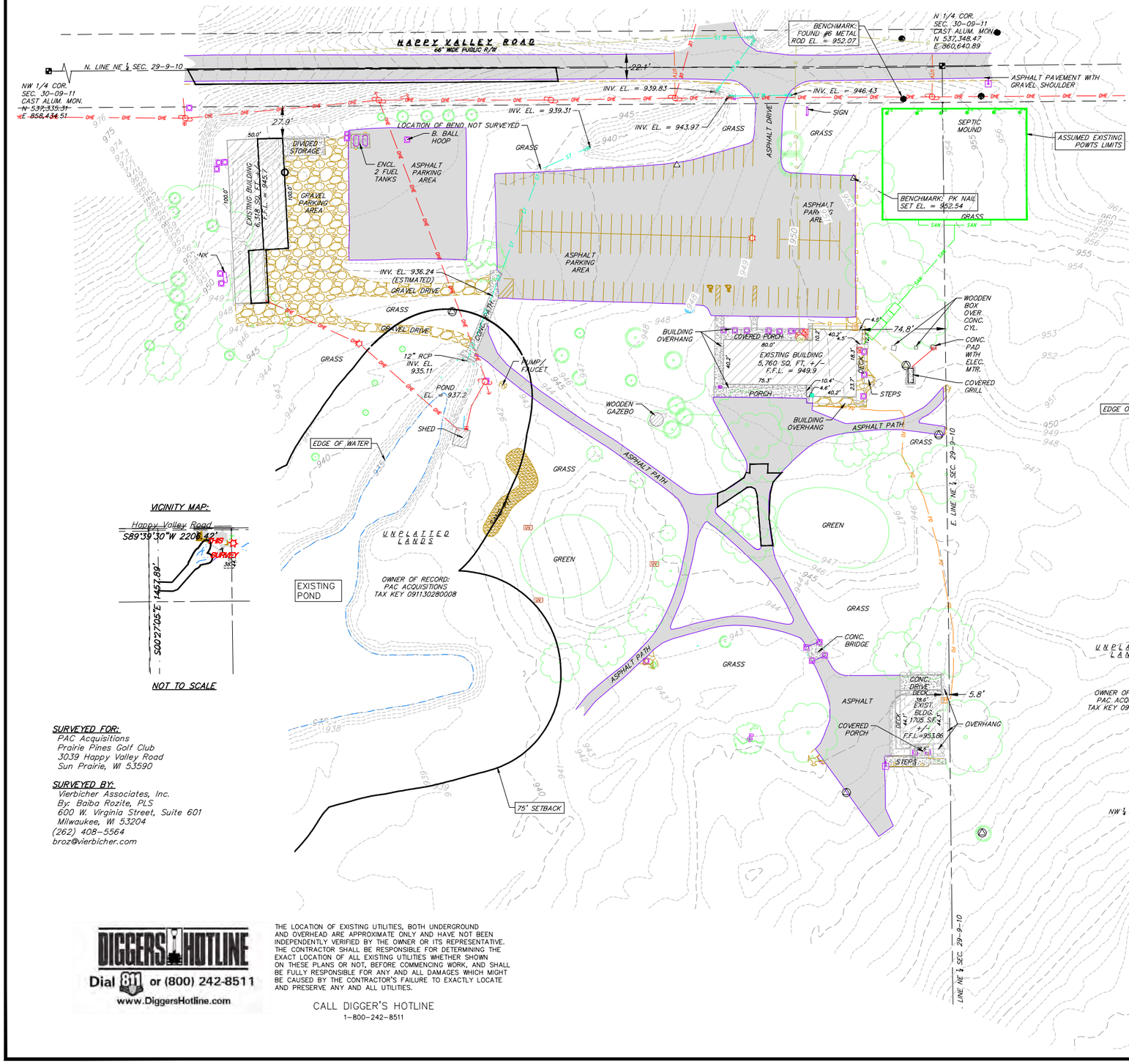
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DATE 2/21/2024
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PROJECT NO. 230117
SHEET C100

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VICINITY MAP:

NOT TO SCALE

SURVEYED FOR:
PAC Acquisitions
Prairie Pines Golf Club
3039 Happy Valley Road
Sun Prairie, WI 53590

SURVEYED BY:
Vierbicher Associates, Inc.
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CALL DIGGER'S HOTLINE
1-800-242-8511

GENERAL SURVEY NOTES:

1) This survey is based upon field work performed on April 21, 2023. Any changes in site conditions after April 21, 2023 are not reflected by this survey.
2) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that the current title search may disclose.
3) No attempt has been made as a part of this survey to obtain or show data concerning size, depth, condition or capacity of any utility or municipal/public service facility. For information regarding these utilities or facilities contact the appropriate agencies.
4) Utility locations were field located based upon substantial, visible, above ground structures, upon maps provided to the surveyor, or upon markings on the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by others or that all underground utilities affecting this property were marked and subsequently located for this survey. A locate request was sent to Digger's Hotline per Digger's Hotline One-Call ticket numbers 20231515155 & 20231515158. Location of buried private utilities are not within the scope of this survey.
5) Before excavation, appropriate utility companies should be contacted. For exact location of underground utilities, contact Digger's Hotline at 1-800-242-8511.
6) Elevations are based on NAV88 vertical datum, 2018 Geoid.
7) Locations of existing irrigation should be verified with the Client/Property Manager.

N

W E

S

0 50 100

SCALE: ONE INCH = FIFTY FEET

BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, WISCONSIN. THE NORTH LINE OF THE NW 1/4 OF SECTION 30-09-11 MEASURED AS BEARING N89°39'30"E

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING GRAVEL SURFACE
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE

SURVEY LEGEND

- BENCHMARK
- PUBLIC LAND CORNER AS NOTED
- FOUND 3/4" ø IRON ROD
- SET NAIL
- SET P.K. NAIL

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING ENDWALL
- EXISTING ROOF DRAIN
- EXISTING SEPTIC VENT
- EXISTING WELL
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE

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Existing Conditions

Prairie Pines Golf Club
3039 Happy Valley Rd.
NE 1/4 - NW 1/4, Sec. 30, T09N, R11E, Town of Bristol, Dane County, WI

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	

DATE 1/31/2023
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PROJECT NO. 230117
SHEET C200

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

N 1/4 COR.
SEC. 30-09-11
CAST ALUM. MON.
N 537,348.47
E 860,640.89

1/4 SEC. 29-9-10

REMOVE EXISTING POWTS

TREE PROTECTION

115 FEET ASPHALT SAWCUT

ABANDON WELL ONCE NEW WELL IS ACTIVE

REMOVE, STORE, AND RELOCATE GAZIBO

EDGE OF WATER

EXISTING POND

PHASE 1 DISTURBED LIMITS

E. LINE NE 1/4 SEC. 29-9-10

UNPLATTED LANDS

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130280008

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130185004

EDGE OF WATER

75 FOOT SETBACK

NW 1/4 - NE 1/4

DEMOLITION PLAN LEGEND

- ASPHALT REMOVAL
- BUILDING REMOVAL
- TEMPORARY GRAVEL PATH
- GRAVEL PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- TREE REMOVAL
- UTILITY STRUCTURE REMOVAL
- TREE PROTECTION
- UTILITY LINE REMOVAL
- LIMITS OF DISTURBANCE
- POND SETBACK
- EXISTING POWTS TO BE REMOVED
- 820 EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

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Demolition Plan - Phase 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS

NO.	DATE	REMARKS

REVISIONS

NO.	DATE	REMARKS

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

SEC. 29-9-10

N 1/4 COR.
SEC. 30-09-11
CAST ALUM. MON.
N 537,348.42
E 860,640.89

TREE PROTECTION

EDGE OF WATER

EXISTING POND

E. LINE NE 1/4 SEC. 29-9-10

UNPLATTED LANDS

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130280008

EXISTING POND

EDGE OF WATER

75 FOOT SETBACK

NE 1/4 – NW 1/4

UNPLATTED LANDS

OWNER OF RECORD:
PAC ACQUISITIONS
TAX KEY 091130185004

NW 1/4 – SE 1/4

9-10

N

W E

S

GRAPHIC SCALE FEET
0 20 40 80

DEMOLITION PLAN LEGEND

- ASPHALT REMOVAL
- CONCRETE REMOVAL
- BUILDING REMOVAL
- GRAVEL REMOVAL
- CONCRETE PAVEMENT REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL
- LIMITS OF DISTURBANCE
- POND SETBACK
- 820 EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS

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Demolition Plan - Phase 2

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

NORTH BASIN

8'X4' RIPRAP OUTLET

PROPERTY LINE

EX. BUILDING
6,318 SF
F.F. 945.70

4,600 SF
CART
STORAGE
BUILDING
FFE=953.50

NOTES:
1. SEE SHEET C101 FOR PATIO DETAILS AND GOLF CART PARKING STRIPING.
2. SEE SHEET C800 FOR WALL, STEPS, AND PLANTER DETAIL.

SOUTH BASIN

4'X4' RIPRAP OUTLET

8'X4' RIPRAP OUTLET

SAND TRAP

SWALE

NEW EVENT VENUE
6,875 SF
FFE=951.00

CLUBHOUSE / RESTAURANT
6,850 SF
FFE=951.00

STAIRS

18 GREEN

75 FEET SHORELAND ZONING SETBACK

FUTURE PRACTICE GREEN

FUTURE PRACTICE AREA

FUTURE DRIVING RANGE

10 TEE

FUTURE TURN HOUSE

TP-POWTS-1

TP-POWTS-2

8'X4' RIPRAP OUTLET

RAIN GARDEN

8'X5' RIPRAP OUTLET

SECTION LINE

PARCEL #: 091130280008
OWNER: PAC ACQUISITIONS LLC

PARCEL #: 091130185004
OWNER: PAC ACQUISITIONS LLC

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED NEW PAVEMENT
- PROPOSED SIGN
- PROPOSED BOLLARD
- PROPOSED HANDICAP PARKING
- PROPOSED RIPRAP
- PROPOSED GRAVEL PAVEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED TEMPORARY GRAVEL
- PROPOSED AND EXISTING BUILDINGS
- LIMITS OF DISTURBANCE

GRAPHIC SCALE FEET
0 20 40 80

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Site Plan - Phase 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

NORTH BASIN
CONCRETE FLUME
CONCRETE PAVEMENT FOR DUMPSTER PAD
DIVIDED STORAGE
EX. BUILDING
6,318 SF
F.F. 945.70
SOUTH BASIN
EAST BASIN
CONTRACTOR TO COORDINATE BAG DROP AREA WITH OWNER
9 GREEN
4'X4' RIPRAP OUTLET
SWALE
SAND TRAP
EXISTING
SHORT GAME
PRACTICE GREEN
PRACTICE RANGE
FUTURE TURN HOUSE
PROPOSED CARTPATH
75 FOOT SETBACK
DRY POND – CONSTRUCTED BY OTHERS
TP-POWTS-1

52.2'
37.4'
50.8'
121.0'
34.0'
7.0'
25.0'
18.0'
10.0'
24.0'
9.0'
6.0'
8.0'
16.0'
5.0'
14.0'
26.0'

PARCEL #: 091130280008
OWNER: PAC ACQUISITIONS LLC

PARCEL #: 091130185004
OWNER: PAC ACQUISITIONS LLC

GRAPHIC SCALE FEET
0 20 40 80

SITE PLAN LEGEND
- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED NEW PAVEMENT
- PROPOSED SIGN
- PROPOSED BOLLARD
- PROPOSED HANDICAP PARKING
- PROPOSED RIPRAP
- PROPOSED GRAVEL PAVEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED TEMPORARY GRAVEL
- PROPOSED AND EXISTING BUILDINGS

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Site Plan - Phase 2

Priarie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
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NO.	DATE	REMARKS	

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

EX. BUILDING
6,318 SF
F.F. 945.70

ROCK CONSTRUCTION ENTRANCE

SAND TRAP

FUTURE
TWIN HOUSE

FFE 949.00

SP-POWTS-2

SP-POWTS-1

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- INLET PROTECTION – SEE DETAIL ON SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG

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GRADING AND EROSION CONTROL PLAN - PHASE 1

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
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REVISIONS			
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SHEET
C500

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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

ROCK CONSTRUCTION ENTRANCE

EX. BUILDING
6,318 SF
F.F. 945.70

SAND TRAP

FUTURE
TWIN HOUSE

PRACTICE
RANGE

TP-POWTS-2

TP-POWTS-1

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION – SEE DETAIL ON SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- EROSION MAT CLASS III, TYPE C
- EROSION MAT CLASS II, TYPE A
- TRACKING PAD
- RIP RAP
- DITCH CHECK SEDIMENT LOG

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GRADING AND EROSION CONTROL PLAN - PHASE 2

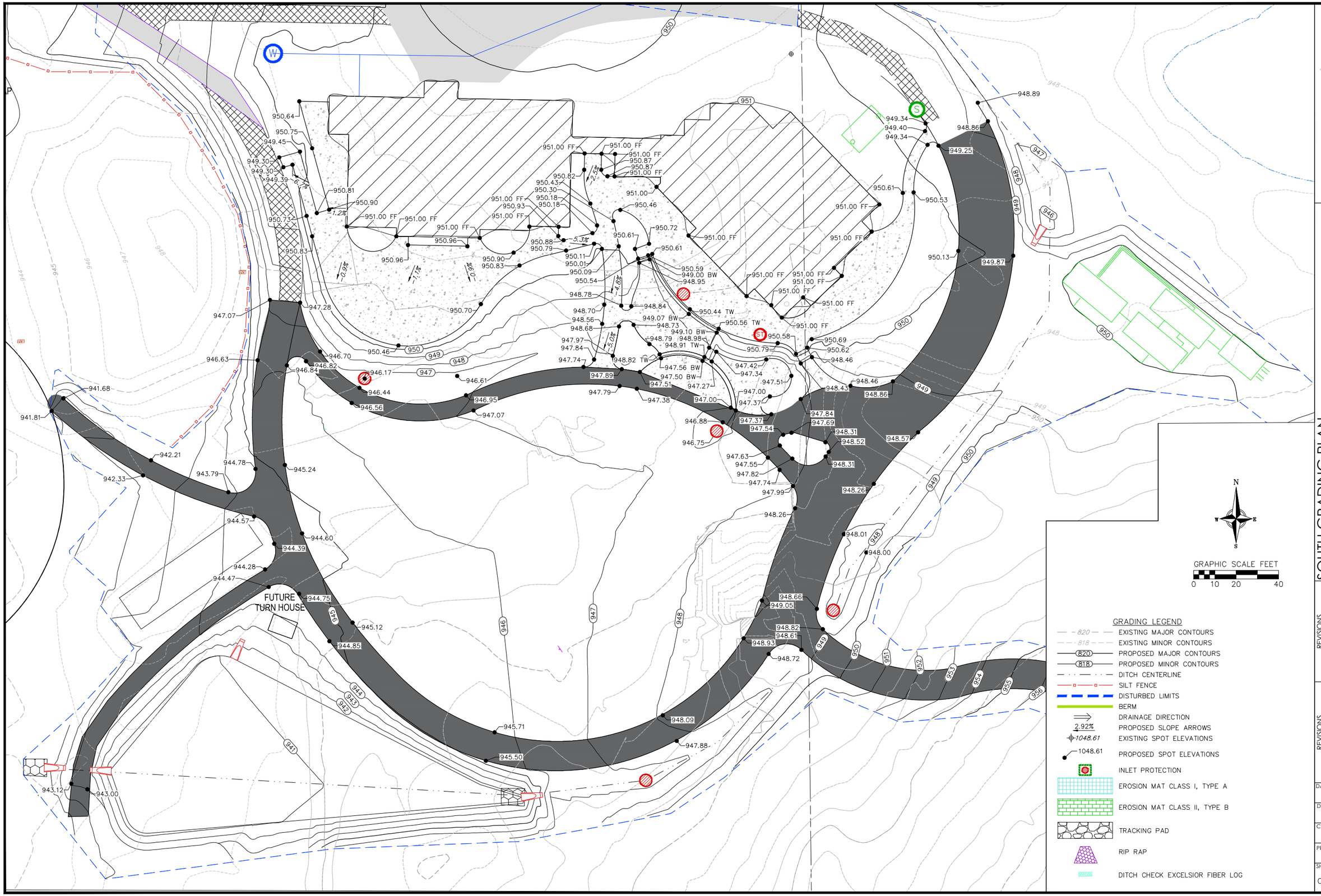
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
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NO.	DATE	REMARKS	

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GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- (820) — PROPOSED MAJOR CONTOURS
- (818) — PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% — PROPOSED SLOPE ARROWS
- 1048.61 — EXISTING SPOT ELEVATIONS
- 1048.61 — PROPOSED SPOT ELEVATIONS
- INLET PROTECTION
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG

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SOUTH GRADING PLAN

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS			
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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

EX. BUILDING
6,318 SF
F.F. 945.70

EX. SHED

SAND TRAP

N
W E
S

GRAPHIC SCALE FEET
0 10 20 40

GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- (820) — PROPOSED MAJOR CONTOURS
- (818) — PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS
- INLET PROTECTION
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- TRACKING PAD
- RIP RAP
- DITCH CHECK EXCELSIOR FIBER LOG

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WEST GRADING PLAN

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS

REVISIONS NO.	DATE	REMARKS

DATE 2/21/2024
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PROJECT NO. 230117
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GRAPHIC SCALE FEET

0 10 20 40

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION – SEE DETAIL SHEET C703
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- EROSION MAT CLASS III, TYPE C
- EROSION MAT CLASS II, TYPE A
- TRACKING PAD
- RIP RAP
- DITCH CHECK SEDIMENT LOG

SAND TRAP

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REVISIONS

NO.	DATE	REMARKS

REVISIONS

NO.	DATE	REMARKS

EAST GRADING PLAN

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

DATE 2/21/2024
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HAPPY VALLEY ROAD
66' WIDE PUBLIC R/W

30'-12" PVC @ 0.83%

12" RCP EW
IE = 940.75

4" PVC INV. EL = 943.57 (ESTIMATED, CONTRACTOR SHALL VERIFY DEPTH PRIOR TO CONSTRUCTING SANITARY SEWER)

74'-4" PVC SAN @ 1.04%

4" PVC
INV. EL. = 948.67

57'-4" PVC SAN @ 9.91%

S60: 48" CONC. MH
4" N INV. EL. = 944.70
4" W INV. EL. = 942.80
8" SE INV. EL. = 942.70

GREASE INTERCEPTOR

139'-8" PVC SAN @ 0.52%

S61: 48" CONC. MH
4" W INV. EL. = 943.88
8" NW INV. EL. = 941.98
8" SE INV. EL. = 943.45
8" SW INV. EL. = 941.88

105'-8" PVC SAN @ 0.60%

30" RCP EW
IE = 945.75

PIPE CROSSING
30" IE = 945.72
8" IE = 941.30

8" IE =941.25

SEPTIC
SYSTEM

44'-8" PVC SAN @ 0.52%

GAS METER AND LATERAL

206'-30" PVC @ 1.09%

S22: 24" CATCH BASIN
RIM EL. = 950.61
E 4" INV. EL. = 947.00
NE 4" INV. EL. = 947.00
NW 4" INV. EL. = 947.00
S 4" INV. EL. = 946.83

50'-4" PVC @ 4.16%

S30: 48" STM CATCH BASIN
GRATE EL. = 947.50
SW & NE 36" INV. EL. = 943.50

119'-30" PVC @ 1.01%

POWTS

S12: 3'X2' INLET
GRATE IE=942.50
8" S = 940.33

EX. BUILDING
6,318 SF
F.F. 945.70

S11: 3'X2' INLET
GRATE IE=942.50
8" S = 940.33

8" RCP EW
IE = 940.00

4" PVC INV. EL. = 945.97

16'-8" PVC @ 2.08%

16'-8" PVC @ 2.08%

40'-12" PVC @ 0.50%

8" RCP EW
IE = 940.00

18" OUTLET
IE=937.25

30'-18" PVC @ 0.83%

S14: 48" CONC. STRM MH
RIM EL = 942.75
12" N =937.70
12" E = 939.00
18" W = 937.50

2" COPPER WATER SERVICE

2" WATER SERVICE
INV. EL. = 944.25

8" PVC
IE = 943.68

6"PVC MIN. 1.04%

168'-6" PVC @ 1.04%

6" PVC WYE INV. EL. = 945.00

11.25° BEND

60'-6" PVC @ 3.33%

S23: 8" NYOPLAST DRAIN
GRATE EL. = 950.44
6" INV. EL. =947.75

146'-10" PVC @ 1.04%

12" RCP EW
EL. = 941.07

18" RCP EW
EL. = 940.00

4"PVC MIN. 1.04%

31'-18" PVC
@ 0.81%

18" RCP EW
EL. = 941.07

S21: 24" CATCH BASIN
GRATE EL. = 946.75
W 6" PVC INV. EL. = 944.50
N 4" PVC INV. EL. = 944.75

S30: 48" STM CATCH BASIN
GRATE EL.=946.55
W&NE 30' INV. EL.=942.30

30" RCP EW
IE = 941.70

59'-30" PVC @ 1.02%

S20: 24" CATCH BASIN
GRATE EL. = 946.00
N 6" INV. EL. = 943.00
E 6" INV. EL. = 942.75
S 10" INV. EL. = 942.59

NOTES:
1, REFER TO SHEET C101 FOR FIRE BOWL AND TABLE DETAILS AND THEIR ELECTRIC/GAS CONNECTIONS

N
W E
S

GRAPHIC SCALE FEET
0 30 60 120

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER WELL
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

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UTILITY PLAN - PHASE 1

PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTON, DANE COUNTY, WI

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

DATE
2/21/2024

DRAFTER
ZFLI

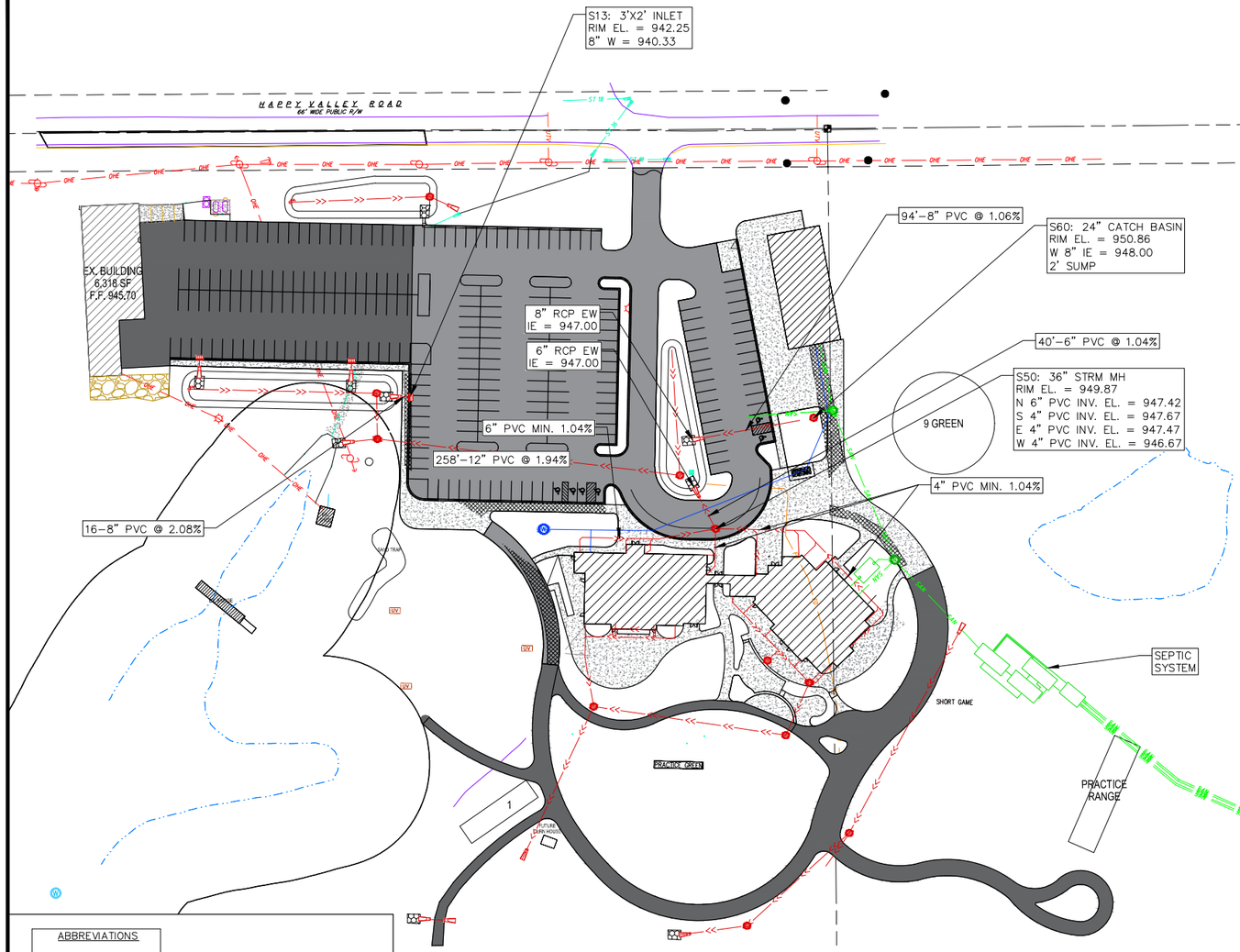
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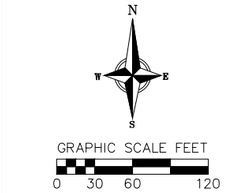
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SHEET
C600

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ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER VALVE MANHOLE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

vierbicher planners engineers advisors

UTILITY PLAN - PHASE 2

PRAIRIE PINES GOLF CLUB
CLUBHOUSE AND PARKING LOT DEVELOPMENT
TOWN OF BRISTOL, DANE COUNTY, WI

REVISIONS

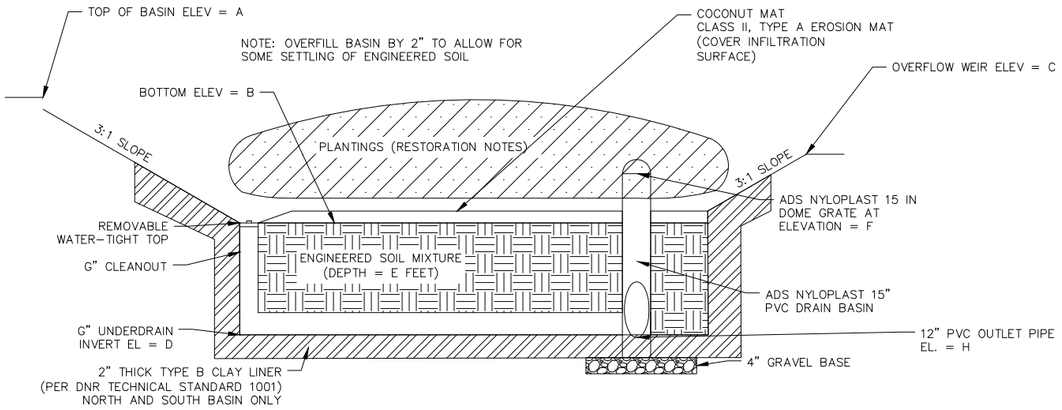
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REVISIONS

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DATE 2/21/2024
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PROJECT NO. 230117
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BIO-RETENTION BASIN ELEVATION INFORMATION									
BASIN NAME	ELEVATION A	ELEVATION B	ELEVATION C	ELEVATION D	DEPTH E	ELEVATION F	DIAMETER G	ELEVATION H	BASIN FLOOR AREA (SF)
NORTH BASIN	944.50	942.50	944.00	941.00	1.50	943.25	4.00	941.00	2,519
EAST BASIN	949.60	947.00	949.60	945.00	2.00	948.00	4.00	944.00	2,129
SOUTH BASIN	942.00	940.00	941.50	938.00	1.50	941.00	6.00	938.00	3,264

ENGINEERED SOIL MIXTURE
70%–85% WASHED SAND
15%–30% COMPOST (MUST MEET WDNR S100 SPECIFICATION)

BIO–RETENTION AREA RESTORATION SPECIFICATIONS:
NOTE: BIO–RETENTION AREA MUST NOT BE CONSTRUCTED (INSTALLED) UNTIL THE SITE IS STABILIZED, I.E. THE GRASS COVER IS WELL ESTABLISHED.

BIO–RETENTION AREA MUST CONFORM TO WISCONSIN DNR TECHNICAL STANDARD 1004 (BIORETENTION FOR INFILTRATION)

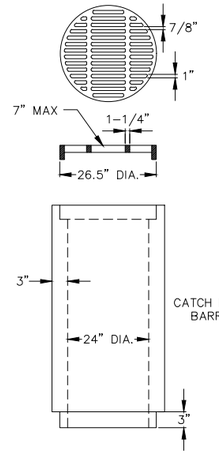
USE RAINWATER GARDEN LIVE NATIVE PLANT PLUGS FROM AGRECOL (SUNNY, SHORT, OR MEDIUM STATURE) – OR ENGINEER APPROVED EQUAL.

PLANT PLUGS AT 1 PER SQUARE FOOT.

PLANTING, MULCH, AND MAINTENANCE NOTES:
PLANTING SHOULD TAKE PLACE BETWEEN AVAILABILITY OF PLANTS IN SPRING AND JUNE 10TH, OR BETWEEN SEPTEMBER 1ST AND OCTOBER 15TH. IF PLANTED JULY 1ST THROUGH AUGUST 31ST, HEAVILY WATER THE PLANTS AT THE TIME THEY ARE PLANTED, AND EVERY OTHER DAY FOR A TOTAL OF 4 WATERINGS. A RAIN EVENT GREATER THAN 0.5 INCHES CONSTITUTES A WATERING. IF PLANTED SEPTEMBER 1ST THROUGH OCTOBER 15TH, PLACE CERTIFIED WEED–FREE STRAW MULCH AT 3" MINIMUM THICKNESS BETWEEN PLANTS TO HELP PREVENT FROST HEAVE. IF PLANTING IS TO OCCUR AFTER OCTOBER 15TH, IT MUST BE POSTPONED UNTIL THE FOLLOWING SPRING (MAY). FOR THE FIRST 3 YEARS AFTER PLANTING, SPOT TREAT THE AREA WITH HERBICIDE TO REMOVE WEEDS.

RESTORATION OF THE INFILTRATION AREA (NOT INCLUDING SIDE SLOPES):
1. OVER–EXCAVATE THE AREA TO INFILTRATIVE LAYER TO BE DETERMINED IN THE FIELD, DURING EXCAVATION, BY DESIGN ENGINEER.
2. CHISEL PLOW, OR ROTO–TILL THE BASE OF THE AREA TO BREAK UP ANY HARDPAN IN THE NATIVE SOIL LAYER.
3. PLACE WASHED SAND (FREE OF P200 PARTICLES) TO 46 INCHES BELOW GROUND SURFACE (IF REQUIRED).
4. PLACE 24 INCHES OF ENGINEERED SOIL, COMPRISED OF:
   70–85% WASHED SAND
   15–30% COMPOST (MUST MEET WDNR S100 SPECIFICATION
5. PLANT PLUG, MULCH, WATER, AND MAINTAIN AS DIRECTED ABOVE.

1 / C700 — BIO–RETENTION BASIN
NOT TO SCALE



IN BELL GRATE IN CUSTOM MANUFACTURED BY THE WESTWICK FOUNDRY COMPANY TO MADISON CONCRETE PIPE SPECIFICATIONS

GRATE IS CAST GRAY IRON MANUFACTURED TO MEET ASTM A–48 CLASS 35 B AND AASHTO M105 SPECIFICATIONS

GRATES ARE AASHTO H20 LOAD RATED

GRATE SETS FLUSH WITH TOP OF CATCH BASIN BELL

PRECAST REINFORCED CONCRETE CATCH BASIN IN MANUFACTURED TO MEET ASTM C–478 AND AASHTO M199 SPECIFICATIONS

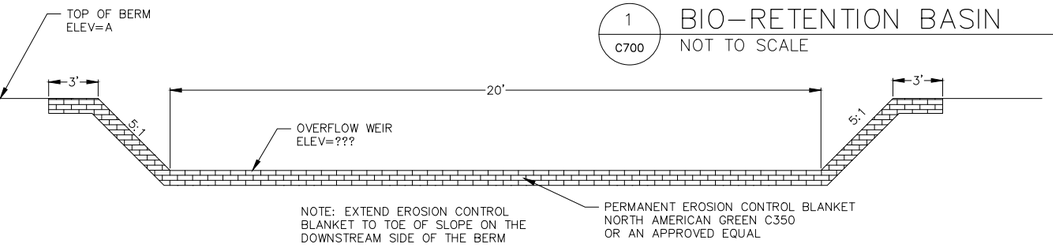
STANDARD CATCH BASIN BARREL HEIGHTS: 2'–0", 3'–0" OR 4'–0"

STOCK 24" DIA. CATCH BASIN HAS NO BASE, BUT MAY BE ORDERED WITH A 3" THICK INTEGRAL BASE OR AS SPECIFIED

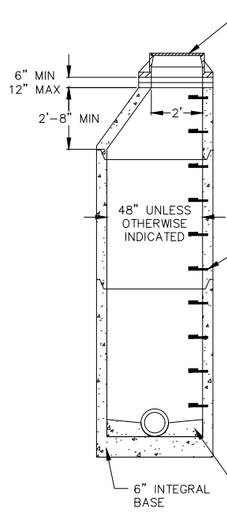
CATCH BASIN JOINT MATERIAL: CONSEAL CS–102 AND/OR CS–202 OR EQUIVALENT WHICH MEETS OR EXCEEDS FEDERAL SPECIFICATION SS–S–210 (210A), AASHTO M–198B AND ASTM C–990

PIPE TO CATCH BASIN CONNECTORS: KOR–N–SEAL OR EQUIVALENT WHICH MEETS OR EXCEEDS REQUIREMENTS OF ASTM C–923

3 / C700 — 24" DIA. CATCH BASIN & GRATE
NOT TO SCALE



2 / C700 — OVERFLOW WEIR
NOT TO SCALE



MANHOLE CASTING: NEENAH R–1550 W/ TYPE "B" LID. SELF SEALING FOR SANITARY, NON–ROCKING FOR STORM.

ADJUST FRAME WITH A MINIMUM OF 2 PRECAST CONCRETE RINGS OF VARIABLE THICKNESS, 2" MIN. TO 6" MAX. CONCRETE RINGS SHALL BE REINFORCED WITH ONE LINE OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY, RINGS SHALL BE GROOVED TO RECEIVE STEP.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478.

JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.

INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3–1/2" AND CENTERED ON THE RUNG.

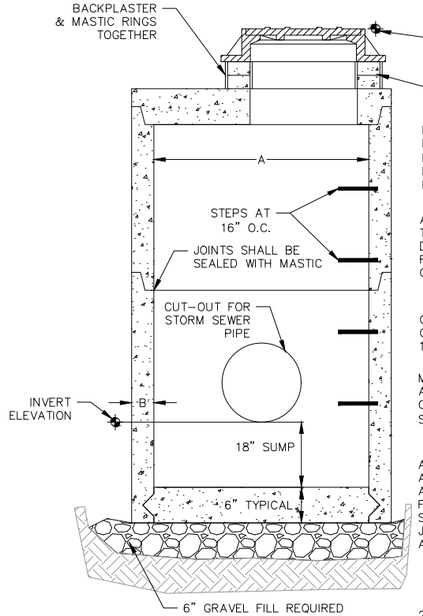
STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.

STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

PROVIDE FLEXIBLE WATERTIGHT PIPE–TO–MANHOLE SEAL FOR ALL FLEXIBLE SEWER CONNECTIONS. FILL SPACE BETWEEN PIPE AND MANHOLE BARREL WITH GROUT. LIFT HOLES SHALL BE FILLED WITH NON–SHRINK GROUT.

BENCH SLOPE"
STORM MANHOLE – 1" PER FOOT
SANITARY MANHOLE – 2" PER FOOT

5 / C700 — PRECAST CONCRETE MANHOLE
NOT TO SCALE



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R–1550, WITH TYPE "B" NON–ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO. 3 STEEL BAR CENTERED WITHIN EACH RING.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM–C478 & SHALL BE NEENAH FOUNDRY CO. R–1981–N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2x3 OPENING IS REQUIRED FOR CATCH BASIN MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721–P.

STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

4 / C700 — STORM SEWER MANHOLE CATCH BASIN
NOT TO SCALE

vierbicher planners engineers advisors

Details - Stormwater
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

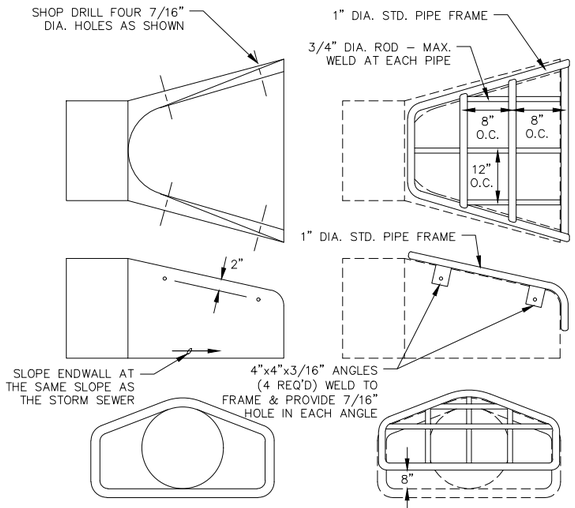
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SHEET C700

20 Feb 2024 - 11:23p M:\PAC Acquisitions\230117 Prairie Pines Golf Club - Clubhouse and Parking Lot Development\CADD\230117 Details.dwg by: spar

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ENDWALL DETAILS

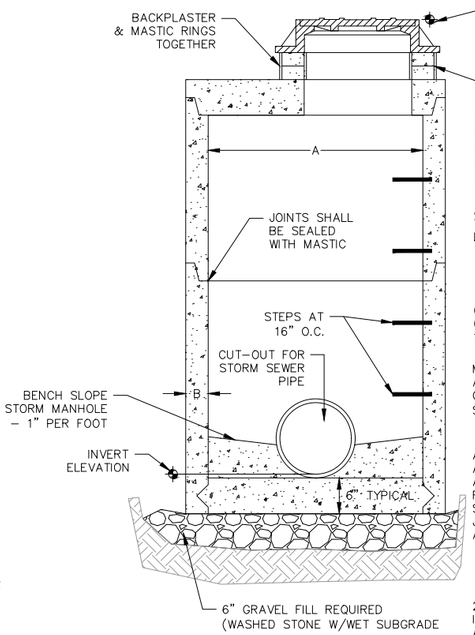
PIPE GATE DETAILS

NOTES:
– THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.
– THE CONTRACTOR SHALL PROVIDE JOINT TIES ON STORM SEWER SYSTEM INFALL AND OUTFALL PIPES. TIE THE ENDWALL AND THE LAST 2 PIPE SECTIONS.

PAINTING SPECIFICATIONS:
– THE PIPE GATE SHALL RECEIVER THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS–OLEUM X–60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST–OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS–OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

PREPARATION STEPS:
1. BARE METAL SURFACES – TREAT WITH THE THREE–COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.
3. ALLOW 24–48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

1 C701 STANDARD ENDWALL
NOT TO SCALE



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R–1550, WITH TYPE "B" NON–ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM–C478 & SHALL BE NEENAH FOUNDRY CO. R–1981–N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

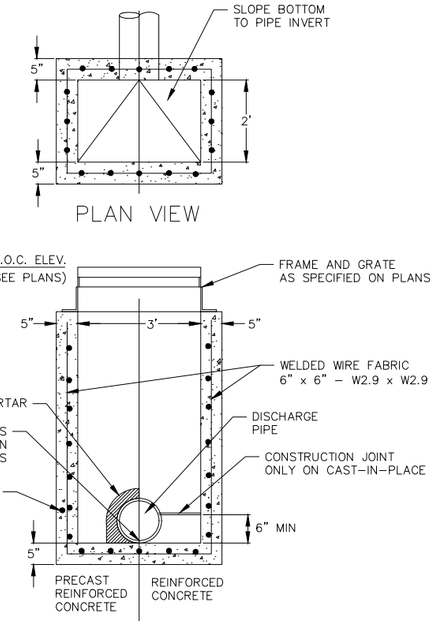
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2x3 OPENING IS REQUIRED FOR STORM INLET MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721–A.

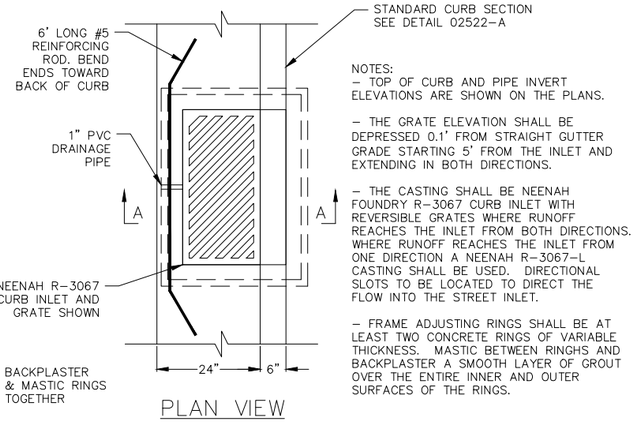
STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

3 C701 STORM SEWER MANHOLE
NOT TO SCALE



4 C701 CURB INLET – TYPE 3, 2' x 3' BASIN
NOT TO SCALE

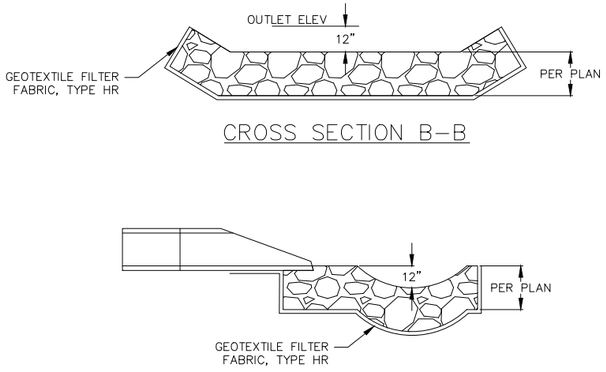


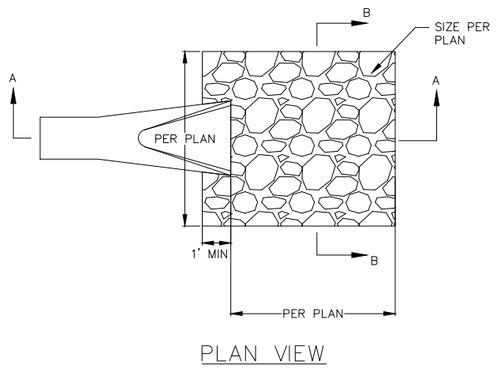
NOTES:
– TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

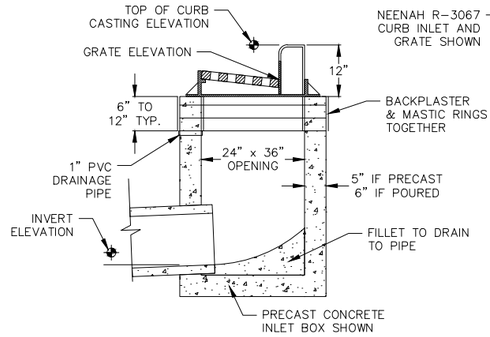
– THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

– THE CASTING SHALL BE NEENAH FOUNDRY R–3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R–3067–L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

– FRAME ADJUSTING RINGS SHALL BE AT LEAST TWO CONCRETE RINGS OF VARIABLE THICKNESS. MASTIC BETWEEN RINGHS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.







5 C701 RECTANGULAR STREET INLET
NOT TO SCALE

2 C701 RIP–RAP OUTLET
NOT TO SCALE

vierbicher planners engineers advisors

Details - Stormwater
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS

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PROJECT NO. 230117
SHEET C701

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE DANE COUNTY EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR COUNTY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 7-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE COUNTY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
13. USE BIO-RETENTION BASINS AS SEDIMENT TRAPS DURING CONSTRUCTION. AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET (NOTE: ADD SEEDING RATE STANDARD OF DETAIL BLOCK TO PLAN) UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
15. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
16. AFTER INFILTRATION BASIN GRADING IS COMPLETE, THE BOTTOM OF DRY BASINS SHALL RECEIVE 6" TOPSOIL AND SHALL BE CHISEL-PLOWED TO A MINIMUM DEPTH OF 12" PRIOR TO RESTORATION.
17. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
18. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
19. EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
20. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER/THIS SHEET. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
21. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
22. INSTALL MINIMUM 6'-7' WIDE EROSION MAT ALONG THE BACK OF CURB AFTER TOPSOIL HAS BEEN PLACED IN THE TERRACE IF THIS AREA WILL NOT BE SEEDED AND MULCHED WITHIN 48 HOURS OF PLACING TOPSOIL.
23. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
24. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
25. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
26. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
27. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE PERMITTING MUNICIPALITY.
28. THE COUNTY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

CONSTRUCTION SEQUENCE:

PHASE 1

1. INSTALL SILT FENCE, EROSION LOG AND TRACKING PAD
2. STRIP TOPSOIL-NORTH AND SOUTH BIO-RETENTION BASINS (BEGIN FEBRUARY 16, 2024)
3. ROUGH GRADE BIO-RETENTION BASINS TO THE TOP OF ENGINEERED SOILS LAYER
4. TEMPORARILY SEED BIO-RETENTION BASINS
5. STRIP TOPSOIL-SITE
6. ROUGH GRADE - SITE
7. CONSTRUCT UNDERGROUND UTILITIES
8. INSTALL INLET PROTECTION
9. CONSTRUCT PAVEMENT (STONE BASE, CURB & GUTTER, AND SIDEWALK) AND BUILDINGS.
10. PHASE 1 COMPLETED ONCE NEW BUILDING IS OPERATIONAL.

PHASE 2

1. INSTALL SILT FENCE, STRAW BALE BARRIER, AND TRACKING PAD
2. STRIP TOPSOIL-EAST BIO-RETENTION BASIN
3. ROUGH GRADE BIO-RETENTION BASIN TO THE TOP OF ENGINEERED SOILS LAYER
4. TEMPORARILY SEED BIO-RETENTION BASIN
5. STRIP TOPSOIL-SITE
6. ROUGH GRADE - SITE
7. CONSTRUCT UNDERGROUND UTILITIES
8. INSTALL INLET PROTECTION
9. CONSTRUCT PAVEMENT (STONE BASE, CURB & GUTTER, AND SIDEWALK).
10. RESTORE TERRACES
11. REMOVE TRACKING PAD, SILT FENCE, EROSION LOG, DITCH CHECK, AND INLET PROTECTION AFTER DISTURBED AREAS ARE RESTORED (OCTOBER 31, 2024).
12. REMOVE SEDIMENT IN SEDIMENT TRAPS AND CONSTRUCT BIO-RETENTION BASINS PER PLAN.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED

AFTER SEPTEMBER 15.

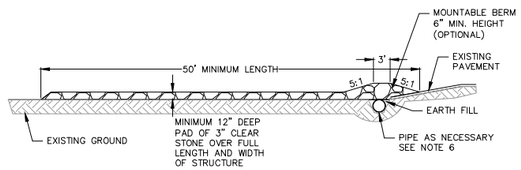
PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

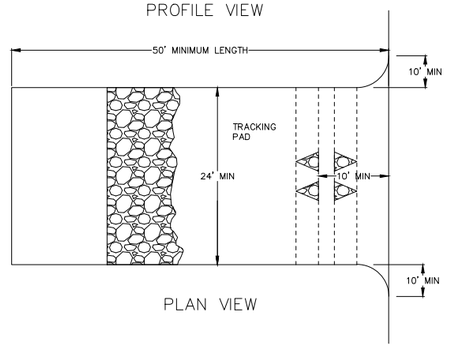
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:
USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



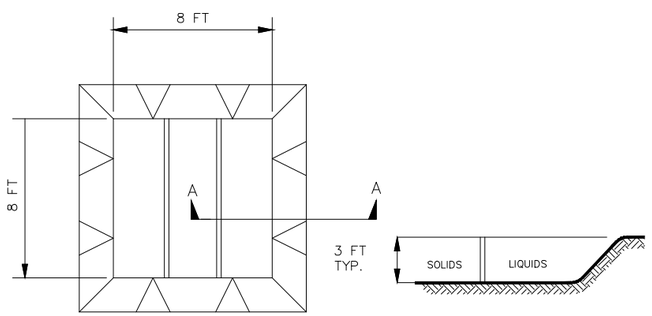
PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
2. LENGTH - MINIMUM OF 50'
3. WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
5. STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
7. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

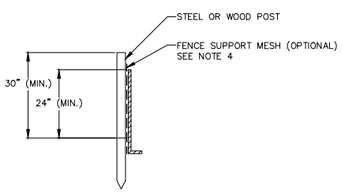
2 / C702 TRACKING PAD
NOT TO SCALE



PLAN

SECTION A-A

1 / C702 CONCRETE WASHOUT
NOT TO SCALE

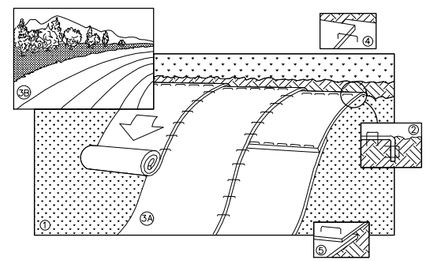


NOTES:

1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)

   POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

4 / C702 SILT FENCE
NOT TO SCALE



NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
   NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA.
   CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

3 / C702 EROSION MAT
NOT TO SCALE

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Details - Erosion Control

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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NO.	DATE	REMARKS

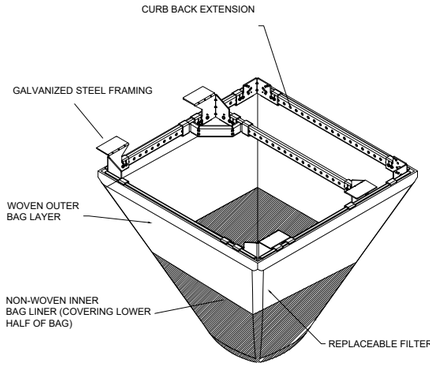
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FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS

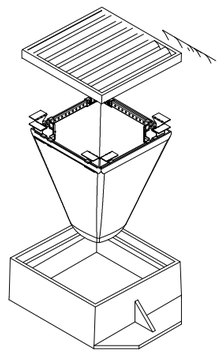


(HB) HYBRID FILTER BAG SPECIFICATIONS:

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)			
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	350 x 225 lbs	100 Lbs
ELONGATION	ASTM D4632	20% x 15%	50%
CBR PUNCTURE	ASTM D6241	1000 Lbs	65 Lbs
TRAPEZOIDAL TEAR	ASTM D4533	110 x 75 Lbs	45 Lbs
UV RESISTANCE	ASTM D4355	90%	70%
OPENING SIZE (AOS)	ASTM D4751	20 US STD SIEVE	60 U.S STD SIEVE
PERMITTIVITY	ASTM D4491	1.5 Sec^{-1}	2.0 Sec^{-1}
WATER FLOW RATE	ASTM D4491	200 gal/min/ft^2	145 gal/min/ft^2
MINIMUM FILTER BAG VOLUME		2 CUBIC FT	

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft^3)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD26HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB



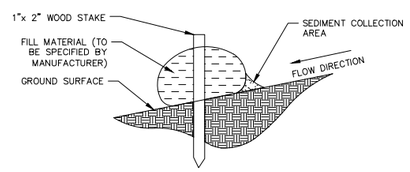
Installation Instructions:
1. Remove grate from the drainage structure
2. Clean stone and dirt from ledge (lip) of drainage structure
3. Drop the inlet filter through the clear opening such that the hangers rest firmly on the lip of the structure
4. Replace the grate and confirm it is not elevated more than 1/8"

Maintenance Guidelines:
1. Empty the sediment bag if more than half filled with sediment and debris
2. Remove the grate, engage the lifting points, and lift filter from the drainage structure
3. Dispose of sediment and debris as directed by the Engineer or Maintenance Contract
4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag

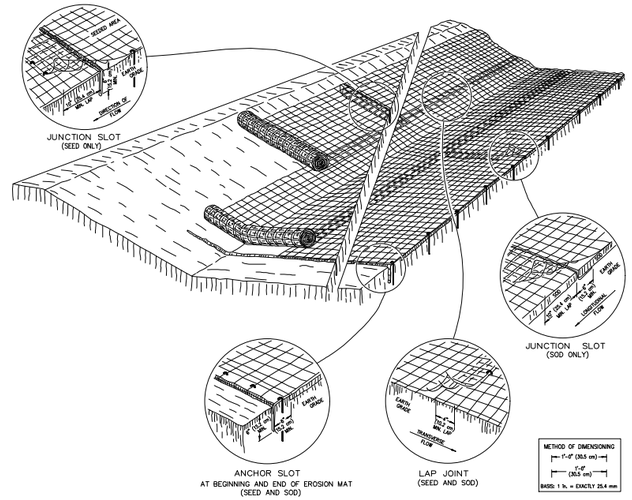
FLEXSTORM INLET FILTERS CATCH IT

SIZE	DRAWN BY	DWG NO	REV
C	DG	INLET_FILTERS	A
SCALE		SHEET 1 OF 1	

1 / C703 DANE COUNTY INLET PROTECTION
NOT TO SCALE



2 / C703 SILT SOCK
NOT TO SCALE



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFIRM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS AND WDNR TECHNICAL STANDARDS

VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERTINENT IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET (1.219 m) APART.

EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.

EROSION MAT WILL BE MEASURED AND PAID FOR IN ACCORD-ANCE WITH THE SPECIFICATIONS.

EROSION MAT OVER SOD

a. ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
b. WOOD STAKES FOR SOD MAY BE OMITTED BY THE ENGINEER IF THE EXISTING SLOPE AND SOIL CONDITIONS SO WARRANT.
c. THE WIDTH OF THE EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
d. SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.

EROSION MAT OVER SEEDING

JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET (30.48 m) ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET (15.24 m) ON GRADES EXCEEDING 3 PERCENT.

EROSION MAT FOR SLOPES SHALL BE LISTED ON THE WISCONSIN DOT PRODUCT ACCEPTABILITY LIST (PAL) AND BE A 100% BIODEGRADABLE BLANKET OF THE CLASS AND TYPE INDICATED ON THE PLANS OR BID FORM. CURLEX NETFREE BY AMERICAN EXCELSIOR OR EQUAL.

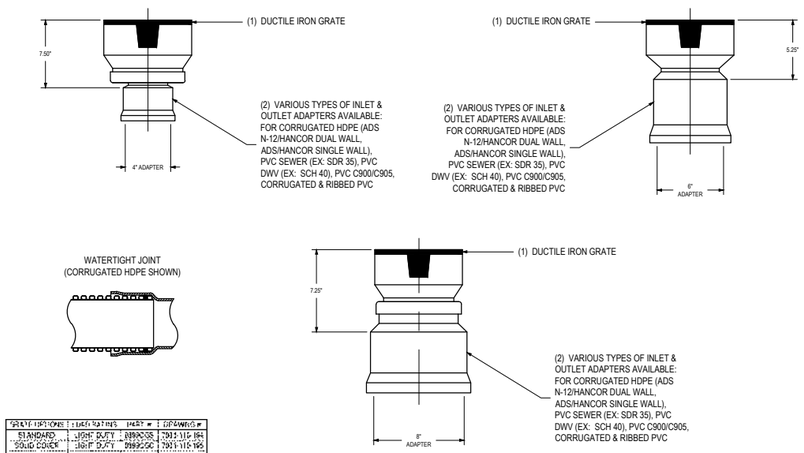
EROSION MAT FOR CHANNELS SHALL BE LISTED ON THE WISCONSIN DOT PRODUCT ACCEPTABILITY LIST (PAL) AND BE 100% BIODEGRADABLE. CLASS 1 TYPE B DOUBLE NETTED PRODUCTS SHOULD BE USED IN CHANNELS

STAPLES FOR ANCHORING THE EROSION MAT IN PLACE SHALL BE U-SHAPED, BIODEGRADABLE LANDSCAPE STAKES. STAPLES TO BE E-STAPLE BY AMERICAN EXCELSIOR OR EQUAL.

BID FORM AND PROJECT SPECIFICATIONS SHALL TAKE PRECEDENT OVER THIS DETAIL.

3 / C703 CHANNEL EROSION MAT
NOT TO SCALE

NYLOPLAST 8" INLINE DRAIN: 2708AG _ _ X



GRATE/SOLID COVER	LOAD RATING	WEIGHT	GRAY	BLACK
STANDARD	LIGHT DUTY	38lb/23kg	7003-110-184	
SOLID COVER	LIGHT DUTY	39lb/23kg	7003-110-185	
BRONZE	N/A	38lb/23kg	7003-110-186	
XCAP	N/A	39lb/23kg	7003-110-187	

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC.
3 - DIMENSIONS ARE FOR REFERENCE ONLY.
4 - ACTUAL DIMENSIONS MAY VARY.

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DRAWN BY	CJA	MATERIAL	
DATE	06-25-09		
REVISED BY	CCA	PROJECT NO./NAME	
DATE	07-19-13		
DWG SIZE	A	SCALE NTS SHEET 1 OF 1	

ADS Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE: 8 IN INLINE DRAIN DESIGN DETAILS

DWG NO. 7003-110-000 REV G

4 / C703 8" NYOPLAST DRAIN
NOT TO SCALE

vierbicher planners engineers advisors

Details - Erosion Control
Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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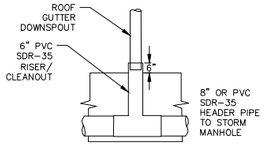
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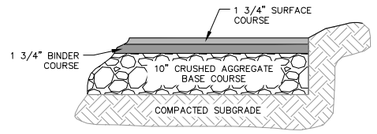
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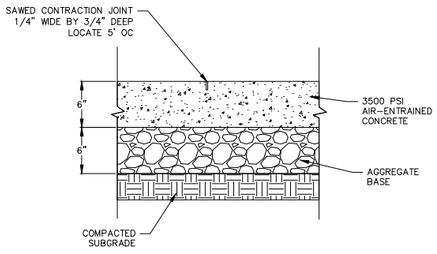


1 C704 ROOF DRAIN HEADER
NOT TO SCALE

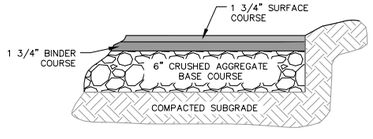


BITUMINOUS PAVEMENT
PARKING LOT

2 C704 PARKING LOT ASPHALT PAVEMENT
NOT TO SCALE

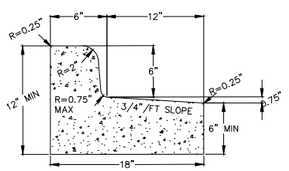


3 C704 CONCRETE PAD
NOT TO SCALE

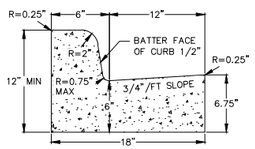


BITUMINOUS PAVEMENT
PARKING LOT

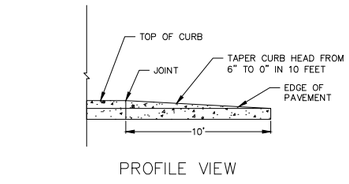
4 C704 CART PATH ASPHALT PAVEMENT
NOT TO SCALE



CURB AND GUTTER
REJECT SECTION

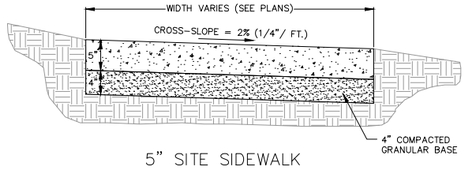


CURB AND GUTTER
CROSS SECTION

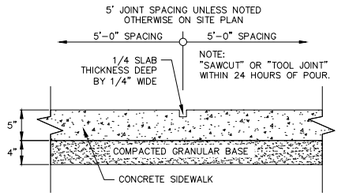


PROFILE VIEW

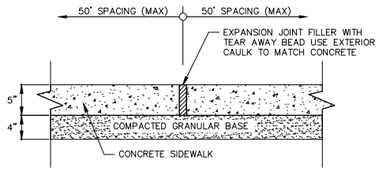
5 C704 CURB & GUTTER TERMINATION
NOT TO SCALE



5" SITE SIDEWALK

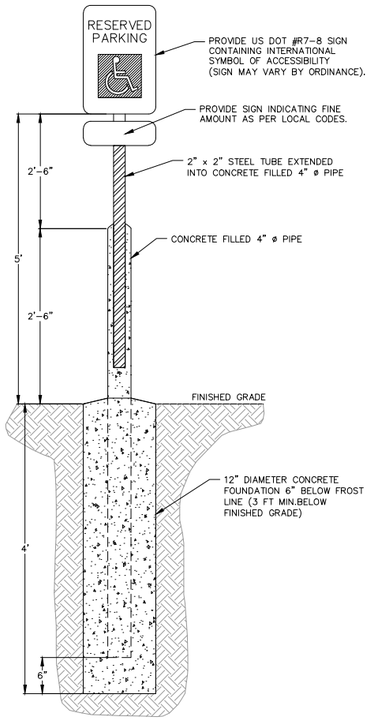


SIDEWALK CONTROL JOINT

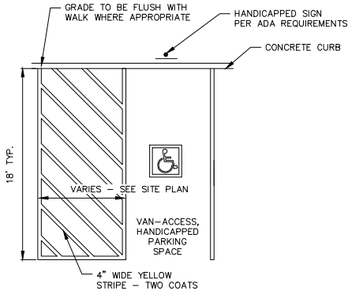


SIDEWALK EXPANSION JOINT

6 C704 5" CONCRETE SIDEWALK
NOT TO SCALE



7 C704 HANDICAP PARKING SIGN
NOT TO SCALE



8 C704 HANDICAP STRIPING
NOT TO SCALE

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Details - Erosion Control

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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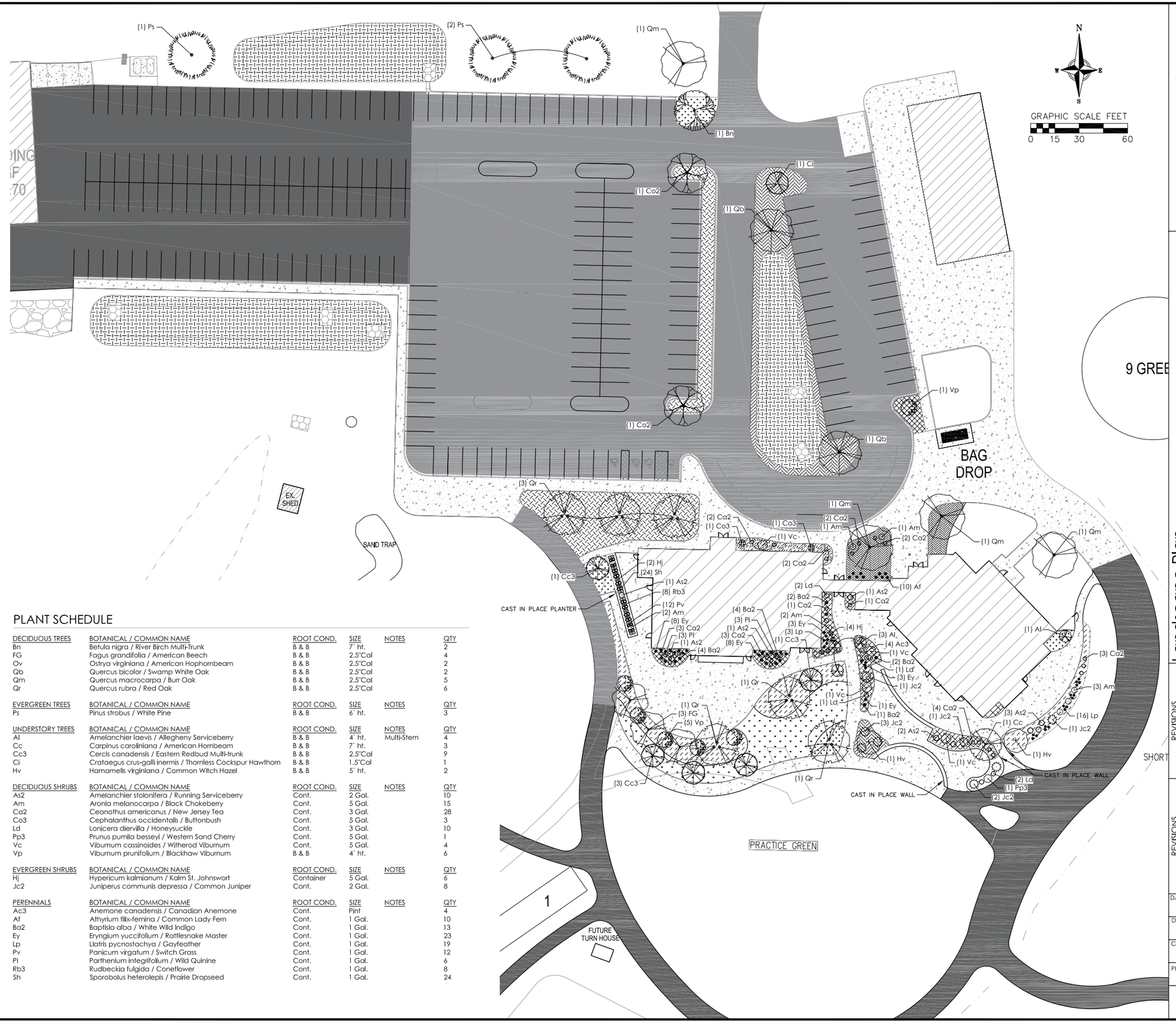
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CONCEPT PLANT SCHEDULE

	GC #1	6,295 sf
	Allium cernuum / Nodding Onion	328
	Anemone canadensis / Canadian Anemone	328
	Carex bicknellii / Prairie Sedge	655
	Coreopsis palmata / Stiff Tickseed	328
	Dalea purpurea / Purple Prairie Clover	328
	Liatris aspera / Rough Blazing Star	328
	Rudbeckia fulgida / Coneflower	328
	Sporobolus heterolepis / Prairie Dropseed	3,926
	GC #2	4,601 sf
	Carex bicknellii / Prairie Sedge	1,674
	Carex brevior / Oval Sedge	1,674
	Sporobolus heterolepis / Prairie Dropseed	1,435
	GC #3	337 sf
	Carex albicans / White-tinged Sedge	88
	Carex pensylvanica / Pennsylvania Sedge	106
	Carex rosea / Rosy Sedge	123
	Mertensia virginica / Virginia Bluebells	11
	Phlox divaricata / Woodland Phlox	11
	Polemonium reptans / Greek Valerian	15
	GC #4	1,142 sf
	Anemone canadensis / Canadian Anemone	95
	Carex albicans / White-tinged Sedge	95
	Carex bicknellii / Prairie Sedge	238
	Carex brevior / Oval Sedge	238
	Geum triflorum / Prairie Smoke	119
	Liatris aspera / Rough Blazing Star	131
	Sporobolus heterolepis / Prairie Dropseed	273
	GC #5	3,246 sf
	Allium cernuum / Nodding Onion	135
	Anemone canadensis / Canadian Anemone	135
	Asclepias verticillata / Whorled Milkweed	102
	Carex albicans / White-tinged Sedge	641
	Carex brevior / Oval Sedge	338
	Carex pensylvanica / Pennsylvania Sedge	506
	Carex rosea / Rosy Sedge	675
	Dodecatheon meadia / Shooting Star	102
	Geum triflorum / Prairie Smoke	169
	Heuchera richardsonii / Prairie Alum Root	102
	Koeleria macrantha / Prairie Junegrass	338
	Symphyotrichum ericoides / Heath Aster	135
	GC #6	710 sf
	Carex bicknellii / Prairie Sedge	148
	Carex rosea / Rosy Sedge	185
	Schizachyrium scoparium / Little Bluestem	185
	Sporobolus heterolepis / Prairie Dropseed	222
	GC #7	1,260 sf
	Carex albicans / White-tinged Sedge	459
	Carex brevior / Oval Sedge	131
	Carex pensylvanica / Pennsylvania Sedge	328
	Carex rosea / Rosy Sedge	393
	TURF	2,991 sf
	-	
	BIORETENTION	13,190 sf
	Asclepias incarnata / Swamp Milkweed	549
	Carex annectens / Yellow-fruited Sedge	1,371
	Carex bebbii / Bebb's Sedge	1,097
	Carex bicknellii / Prairie Sedge	823
	Carex bromoides / Brome-like Sedge	549
	Carex cristatella / Crested Oval Sedge	823
	Carex hystericina / Porcupine Sedge	823
	Carex scoparia / Broom Sedge	823
	Carex vulpinoidea / Fox Sedge	823
	Elymus virginicus / Virginia Wild Rye	275
	Eutrochium maculatum / Spotted Joe Pye Weed	275
	Iris versicolor / Blue Flag	549
	Liatris pycnostachya / Gayfeather	549
	Liatris spicata / Blazing Star	549
	Lobelia cardinalis / Cardinal Flower	275
	Lobelia siphilitica / Great Lobelia	275
	Monarda fistulosa / Bergamot	275
	Panicum virgatum / Switch Grass	549
	Pycnanthemum virginianum / Mountain Mint	275
	Rudbeckia subtomentosa / Sweet Black-eyed Susan	275
	Scirpus pendulus / Nodding Bulrush	275
	Solidago rdellii / Ridell's Goldenrod	275
	Symphyotrichum puniceum / Swamp Aster	275
	Tradescantia ohiensis / Ohio Spiderwort	275
	Verbena hastata / Blue Vervain	275
	Vernonia fasciculata / Ironweed	275
	Veronicastrum virginicum / Culver's Root	275

PLANT SCHEDULE

DECIDUOUS TREES	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
Bn	Betula nigra / River Birch Multi-Trunk	B & B	7` ht.		2
FG	Fagus grandifolia / American Beech	B & B	2.5"Cal		4
Ov	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal		2
Qb	Quercus bicolor / Swamp White Oak	B & B	2.5"Cal		2
Qm	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		5
Qr	Quercus rubra / Red Oak	B & B	2.5"Cal		6
EVERGREEN TREES	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Ps	Pinus strobus / White Pine	B & B	6` ht.		3
UNDERSTORY TREES	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Al	Amelanchier laevis / Allegheny Serviceberry	B & B	4` ht.	Multi-Stem	4
Cc	Carpinus caroliniana / American Hornbeam	B & B	7` ht.		3
Cc3	Cercis canadensis / Eastern Redbud Multi-trunk	B & B	2.5"Cal		9
Ci	Crataegus crus-galli inermis / Thornless Cockspur Hawthorn	B & B	1.5"Cal		1
Hv	Hamamelis virginiana / Common Witch Hazel	B & B	5` ht.		2
DECIDUOUS SHRUBS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
As2	Amelanchier stolonifera / Running Serviceberry	Cont.	2 Gal.		10
Am	Aronia melanocarpa / Black Chokeberry	Cont.	5 Gal.		15
Ca2	Ceanothus americanus / New Jersey Tea	Cont.	3 Gal.		28
Co3	Cephalanthus occidentalis / Buttonbush	Cont.	5 Gal.		3
Ld	Lonicera diervilla / Honeysuckle	Cont.	3 Gal.		10
Pp3	Prunus pumila besseyi / Western Sand Cherry	Cont.	5 Gal.		1
Vc	Viburnum cassinoides / Witherod Viburnum	Cont.	5 Gal.		4
Vp	Viburnum prunifolium / Blackhaw Viburnum	B & B	4` ht.		6
EVERGREEN SHRUBS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Hj	Hypericum kalmianum / Kalm St. Johnswort	Container	5 Gal.		6
Jc2	Juniperus communis depressa / Common Juniper	Cont.	2 Gal.		8
PERENNIALS	**BOTANICAL / COMMON NAME**	**ROOT COND.**	**SIZE**	**NOTES**	**QTY**
Ac3	Anemone canadensis / Canadian Anemone	Cont.	Pint		4
Af	Athyrium filix-femina / Common Lady Fern	Cont.	1 Gal.		10
Ba2	Baptisia alba / White Wild Indigo	Cont.	1 Gal.		13
Ey	Eryngium yuccifolium / Rattlesnake Master	Cont.	1 Gal.		23
Lp	Liatris pycnostachya / Gayfeather	Cont.	1 Gal.		19
Pv	Panicum virgatum / Switch Grass	Cont.	1 Gal.		12
Pi	Parthenium integrifolium / Wild Quinine	Cont.	1 Gal.		6
Rb3	Rudbeckia fulgida / Coneflower	Cont.	1 Gal.		8
Sh	Sporobolus heterolepis / Prairie Dropseed	Cont.	1 Gal.		24



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Landscape Plan

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

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PLANT MATERIAL NOTES:

1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION.
5. EXACT LOCATIONS OF EACH PLANT ARE GIVEN IN PLAN. WHILE SLIGHT DEVIATIONS ARE ACCEPTABLE, OVERALL SCHEMATIC/ORIENTATION TO BE ADHERED TO AS ACCURATELY AS POSSIBLE.

LANDSCAPE MATERIAL NOTES:

1. CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
3. LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN.
4. LANDSCAPE BEDS ARE SEPARATED FROM SEEDED AREAS WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE $\frac{3}{16}$"X4" OR EQUAL, COLOR BLACK ANODIZED.
4. ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 6' DIAMETER UNDYED SHREDDED HARDWOOD BARK MULCH RING AT A DEPTH OF 3" AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULATE SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION ACCORDING TO MANUFACTURER SPECIFICATIONS.

SEEDING AND PLUG PLANTING NOTES:

1. ALL UNLABELED DISTURBED AREEAS TO BE SEEDED WITH 'MADISON PARKS' SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY $\frac{1}{2}$" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"–6".) PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
2. INSTALL BIO–RETENTION PLANTINGS AS 2" X 2" X 4" OR 2.25" X 2.25" X 5" OR 2.5" X 2.5" X 3.5" PLUGS AS SUPPLIED BY AGRECOL, MIDWEST GROUNDCOVERS, TAYLOR CREEK OR EQUAL. BIORETENTION PLUGS TO BE INSTALLED 12" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING SPECIFIED RATIO OF SPECIES THROUGHOUT PLANTING. APPLY 1' WATER DAILY FOR 4 WEEKS FOLLOWING INSTALLATION. FOLLOWING PLANTING, AREA TO BE SEEDED WITH 'STORMWATER/BIOINFULTRATION' BY AGRECOL OR EQUAL, PER MANUFACTURER'S RECOMENDATIONS AND BROADCAST MULCHED WITH A LAYER OF WEED FREE STRAW MULCH. STRAW MULCH MUST ALLOW FOR SUFFICIENT AIR AND LIGHT PENETRATION. REFER TO 'PRAIRIE AREA' NOTES REGARDING SUGGESTED MAINTENANCE ACTION.
4. INSTALL GROUNDCOVERS (GC) AS 2" X 2" X 4", 2.25" X 2.25" X 5" OR 2.5" X 2.5" X 3.5" PLUGS. PLUGS TO BE INSTALLED 12" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING A REPRESENTATIVE RATIO OF SPECIES RESPECTIVELY THROUGHOUT PLANTING. PLUG NUMBERS ARE APPROXIMATE BASED ON AREA, CONTRACTOR TO CONFIRM QUANTITIES. WHERE SHRUBS/TREES ARE SHOWN WITHIN GROUNDCOVER AREAS, SUBSTITUTE SHRUB/TREE FOR PLUG AND SPACE SURROUNDING PLUGS 12" FROM SHRUB/TREE ROOT MASS, PATTERN ACCORDING. APPLY $\frac{1}{2}$' WATER DAILY FOR 4 WEEKS FOLLOWING INSTALLATION. APPLY AN INITIAL APPLICATION OF PRE–EMERGENT HERBICIDE PER MANUFACTURER'S INSTRUCTIONS AND STATE REGULATIONS. APPLY 2" OF CEDAR MULCH AT TIME OF PLANTING. SUGGESTED MAINTENANCE INCLUDES MULCH AND PRE–EMERGENT HERBICIDE TREATMENTS FOR THE FIRST 5 YEARS. AREAS SUGGESTED TO BE CUT BACK ONCE A YEAR DURING THE SPRING SEASON

GENERAL LANDSCAPE NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY AFFECTED PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.
5. ALL MATERIAL QUANTITIES AND AREA MEASUREMENTS SHOWN ON LANDSCAPE PLAN ARE TO BE CONFIRMED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND ADJUSTING FOR ANY QUANTITATIVE DISCREPANCIES BETWEEN PLAN, SCHEDULES, AND PREPARED CONDITIONS PRIOR TO INSTALLATION.

PRAIRIE AREAS: PLANTING AND MAINTENANCE THROUGH YEAR 2

* IT IS STRONGLY RECOMMENDED TO CONSULT A QUALIFIED ECOLOGICAL RESTORATION CONTRACTOR OR CONSULTANT FOR ANY NATIVE PLANT ESTABLISHMENT OR MAINTENANCE EFFORTS. WELL ESTABLISHED NATIVE PLANTINGS REQUIRE SIGNIFICANTLY LESS LABOR INPUT THAN A MOWED TURF PLANTING OVER TIME.

PREPARING THE SITE

IT IS RECOMMENDED TO REMOVE EXISTING VEGETATION PRIOR TO SOWING SEED IN ORDER TO PROMOTE OPTIMAL GROWTH. IF INTER–SEEDING INTO EXISTING VEGETATION, ADJUST SEEDING RATES ACCORDINGLY. REMOVE WEEDS FROM SITE PRIOR TO PLANTING, USING ONE OR A COMBINATION OF THE FOLLOWING METHODS:

1. APPLY A VEGETATION KILLING HERBICIDE SUCH AS GLYPHOSATE AT LEAST TWO TIMES SPACED TWO WEEKS APART. APPLY SEED OR PLANT PLUGS AFTER TWO WEEKS FROM THE SECOND HERBICIDE APPLICATION.
2. COVER THE AREA ENTIRELY WITH BLACK PLASTIC OR CARDBOARD FOR ONE GROWING SEASON.
3. ROTOTILL OR DISK THE AREA AT LEAST EVERY MONTH FOR AT LEAST ONE ENTIRE GROWING SEASON.

PLANTING THE SEED

PLANT SEED MIX BEFORE JUNE 15 OR AFTER OCTOBER 15 FOR BEST RESULTS. SOIL SEED CONTACT IS NECESSARY FOR SEEDS TO GERMINATE; EITHER TILL SOIL WELL OR USE A SPECIAL DRILL FOR NO–TILL SEEDING. INCORPORATE ANY NECESSARY SOIL AMENDMENTS PRIOR TO SEEDING. DO NOT PLANT SEED DEEPER THAN ONE INCH. WATERING AND MULCHING MAY HELP SUPPORT GERMINATION, BUT WATERING MUST BE DONE CONSISTENTLY UNTIL GERMINATION IS COMPLETE.

CARING FOR THE PLANTING

WEED CONTROL IS CRITICAL WHILE THE NATIVE PLANTS ARE BECOMING ESTABLISHED. WEEDS MAY BE CONTROLLED VIA MOWING, SPOT HERBICIDE APPLICATION, OR HAND PULLING. DURING THE FIRST GROWING SEASON, MOW AT A HEIGHT NO LESS THAN 6" IN LATE JUNE, LATE JULY AND LATE AUGUST. IN THE SECOND YEAR, MOW AT A HEIGHT OF NO LESS THAN 6" IN LATE JUNE AND MID AUGUST. SPOT INVASIVE WEED TREATMENT SHOULD BE COMPLETED AT LEAST ONCE A YEAR WITH A SELECTIVE HERBICIDE. REFER TO RESOURCES PROVIDED BY THE DNR FOR SPECIFIC INVASIVE SPECIES TO BE TARGETED.

PRAIRIE AREAS: MAINTENANCE AFTER YEAR 2

AFTER TWO GROWING SEASONS, WEEDS CAN BE CONTROLLED VIA BURNING OR MOWING. BURNING IS BEST DONE IN LATE SPRING (LATE APRIL) FOR MAXIMUM INHIBITION OF WEEDS AND TO PRESERVE WINTER NESTING HABITAT. BURNING SHOULD BE DONE EVERY 2–4 YEARS. IF SEEDED AREAS ARE OF SIGNIFICANT SIZE, BURN/MOW AREA MAY BE ROTATED SO THAT ONLY A PORTION (1/2–1/3 OF THE TOTAL AREA) IS BURNED/MOWED DURING A GIVEN YEAR. IN AREAS WHERE BURNING IS NOT FEASIBLE, REMAINING VEGETATION SHOULD BE MOWED TO A HEIGHT OF 6" IN LATE FALL OR EARLY SPRING EVERY OTHER YEAR. IN AREAS TOO STEEP TO MOW WITH A TRADITIONAL RIDING MOWER, BRUSH CUTTERS OR TRAILING MOVER WITH ATV SHOULD BE USED. SPOT HERBICIDE TREATMENT FOR INVASIVE SPECIES SHOULD BE CONSIDERED AS ANNUAL MAINTENANCE, WITH A SUGGESTED MINIMUM OF TWO TREATMENTS THROUGHOUT THE GROWING SEASON. IN GENERAL, MORE INTENSIVE ESTABLISHMENT EFFORTS IN THE FIRST 2 YEARS RESULT IN SIGNIFICANTLY LOWER MAINTENANCE EFFORTS IN SUBSEQUENT SEASONS.

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Landscape Notes

Prairie Pines Golf Club
Clubhouse and Parking Lot Development
Town of Bristol, Dane County, Wisconsin

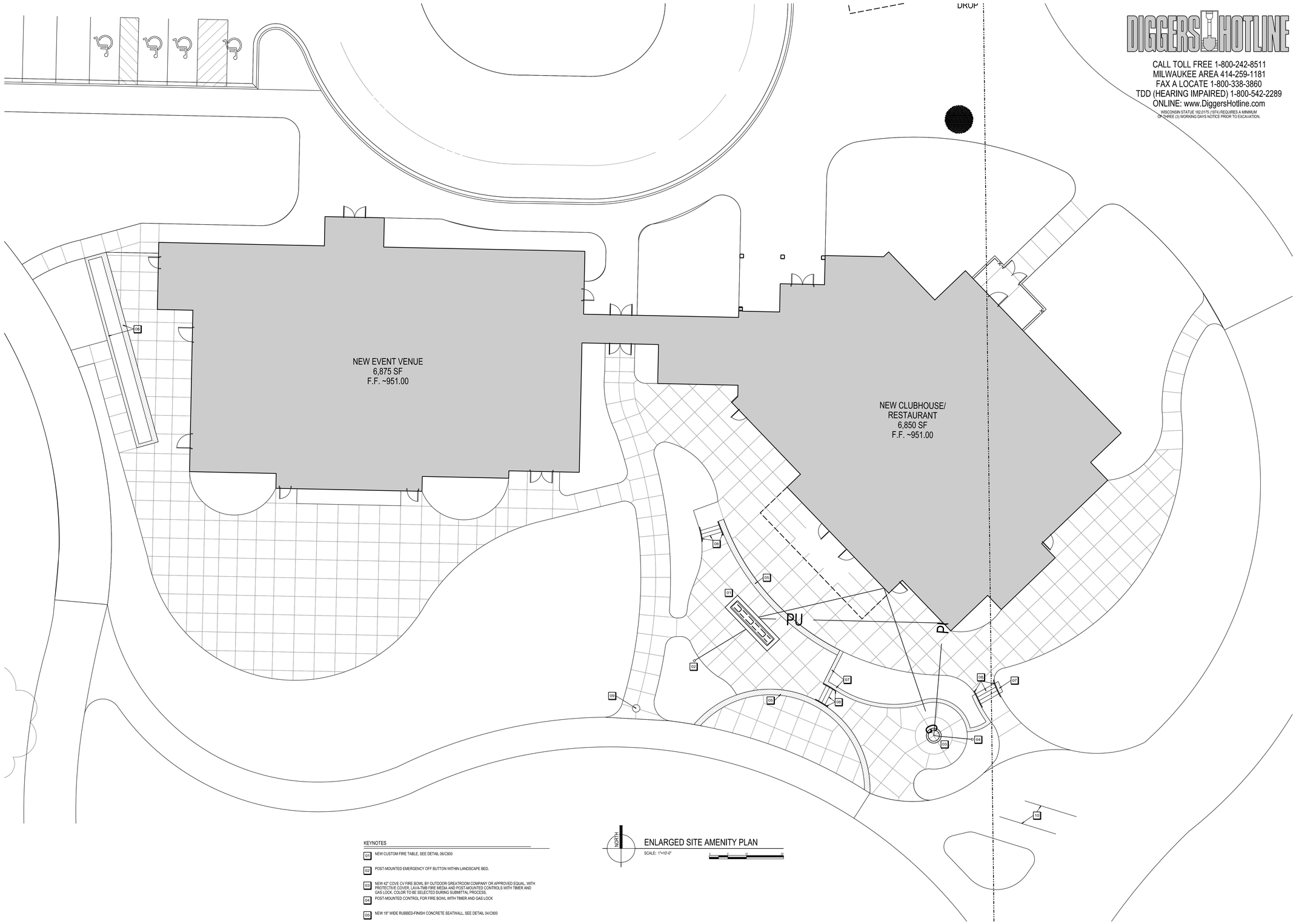
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KEYNOTES

01 NEW CUSTOM FIRE TABLE, SEE DETAIL 06/C800

02 POST-MOUNTED EMERGENCY OFF BUTTON WITHIN LANDSCAPE BED.

03 NEW 42" COVE CV FIRE BOWL BY OUTDOOR GREATROOM COMPANY OR APPROVED EQUAL, WITH PROTECTIVE COVER. LAVA-TIME FIRE MEDIA AND POST-MOUNTED CONTROLS WITH TIMER AND GAS LOCK. COLOR TO BE SELECTED DURING SUBMITTAL PROCESS.

04 POST-MOUNTED CONTROL FOR FIRE BOWL WITH TIMER AND GAS LOCK

05 NEW 18" WIDE RUBBED-FINISH CONCRETE SEATWALL, SEE DETAIL 04/C800

06 NEW 18" WIDE RUBBED-FINISH CONCRETE SEATWALL AND 8" PLANTER WALL TO CONTAIN PLANTING ZONE, SEE DETAIL 08/C800

07 NEW 8" WIDE CONCRETE PLANTER WALL WITH RUBBED-FINISH, SEE DETAIL 05/C800

08 NEW CONCRETE STAIRS AND HANDRAIL, SEE DETAIL 09/C800

09 NEW FREESTANDING BOLLARD, WAUSAU TILE "TF6082 24" Ø x 18" HIGH, 630 POUNDS, COLOR TO BE SELECTED DURING SUBMITTAL PROCESS

10 4" PAINT STRIPING

NORTH

ENLARGED SITE AMENITY PLAN

SCALE: 1"=10'-0"

0 5 10 20

SCALE: 1"=10'-0"

PLOTTED BY: KalieJ

X:\76290\cad\76290eshC101.dgn

ORIGINAL SIZE: 24" x 36"

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PRAIRIE PINES
GOLF COURSE

CLUBHOUSE AND
EVENT VENUE

3039 HAPPY VALLEY RD.
SUN PRAIRIE, WI 53590

PRAIRIE PINES GOLF CLUB

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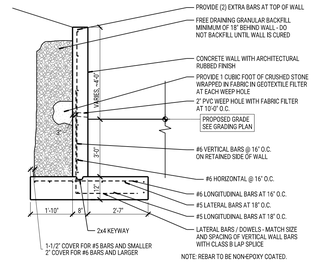
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REVIEWED BY
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KAU

ENLARGED SITE AMENITY
PLAN

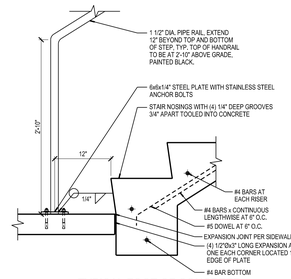
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NOTE: REBAR TO BE NON-EPOXY COATED.

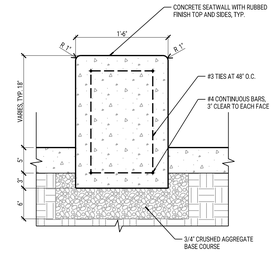
05 C800 PLANTER RETAINING WALL

SCALE: 3/8"=1'-0"



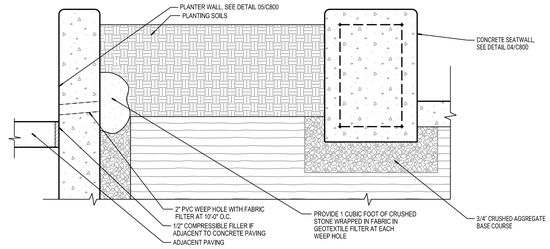
09 C800 TYPICAL FOOT OF CONCRETE STAIR AND HANDRAIL DETAIL

SCALE: 1"=1'-0"



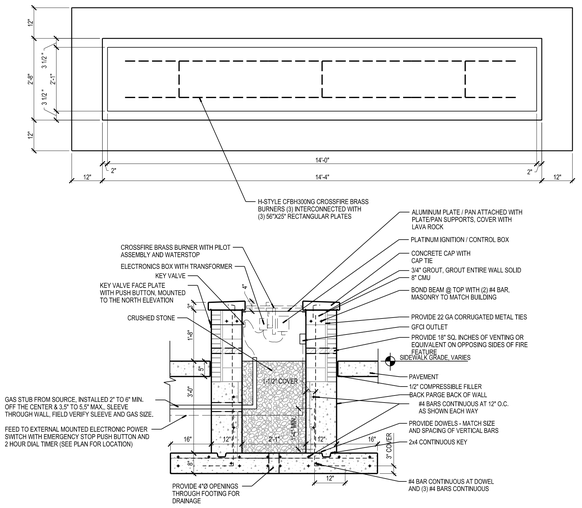
04 C800 PLANTER WALL SECTION

SCALE: 1"=1'-0"



08 C800 PLANTER WALL SECTION

SCALE: 1"=1'-0"



06 C800 FIRE TABLE DETAIL

SCALE: 1/2"=1'-0"

SCALE 1/8"=1'-0"
PLOTTED BY: KatieU
X:\76290\cad\76290dr2800.dgn
ORIGINAL SIZE: 24" x 36"

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PRAIRIE PINES GOLF COURSE

CLUBHOUSE AND EVENT VENUE

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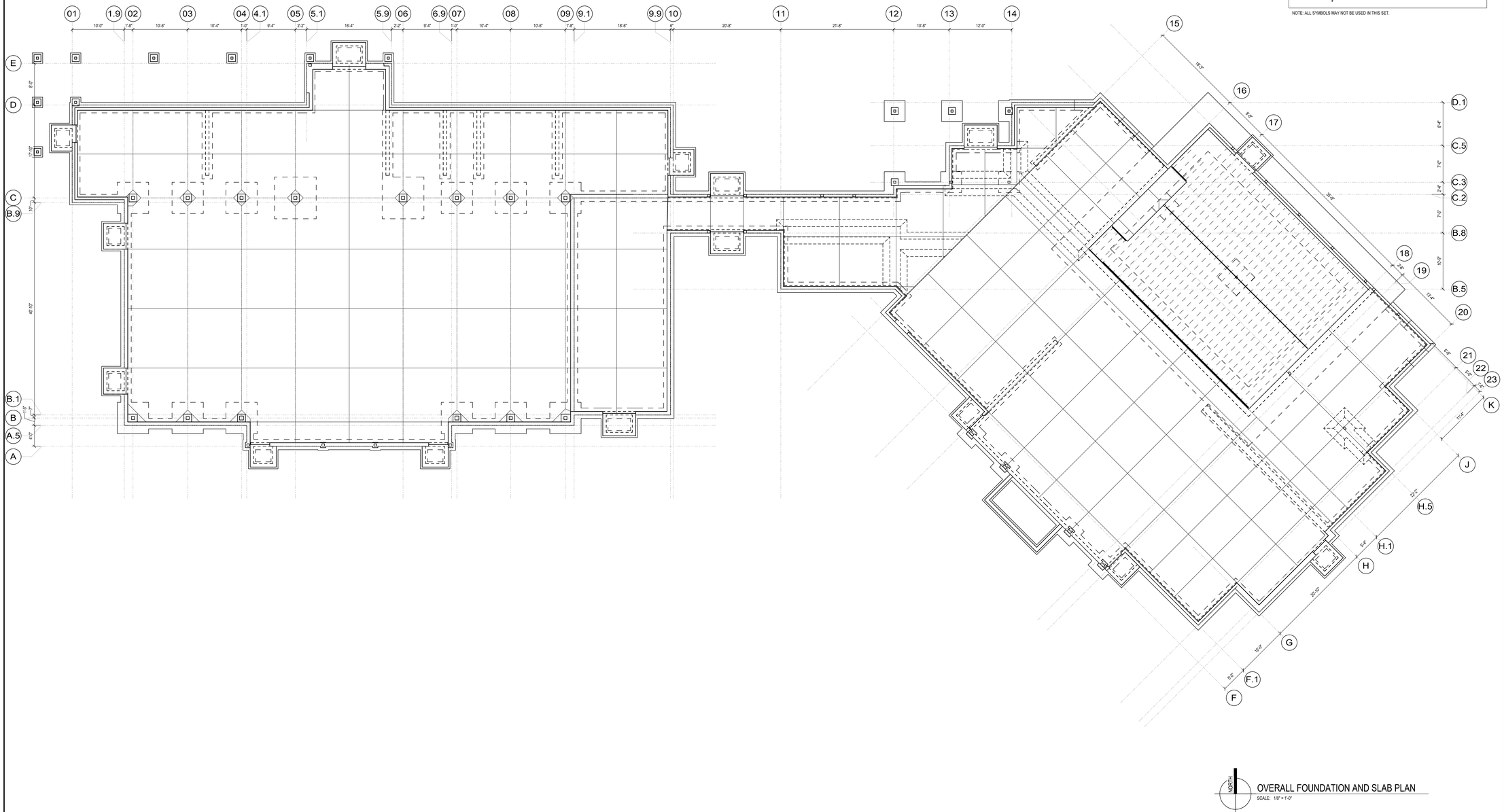
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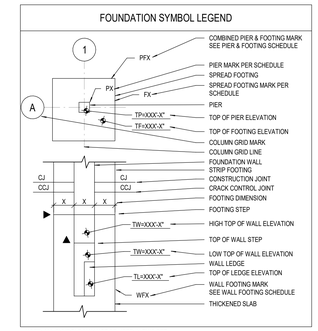
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SITE DETAILS

C800



FOUNDATION SYMBOL LEGEND



NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

OVERALL FOUNDATION AND SLAB PLAN

NORTH

SCALE: 1/8" = 1'-0"

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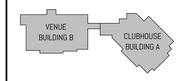
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PROJECT NUMBER
76290

APPROVED BY
JAD

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ZCG

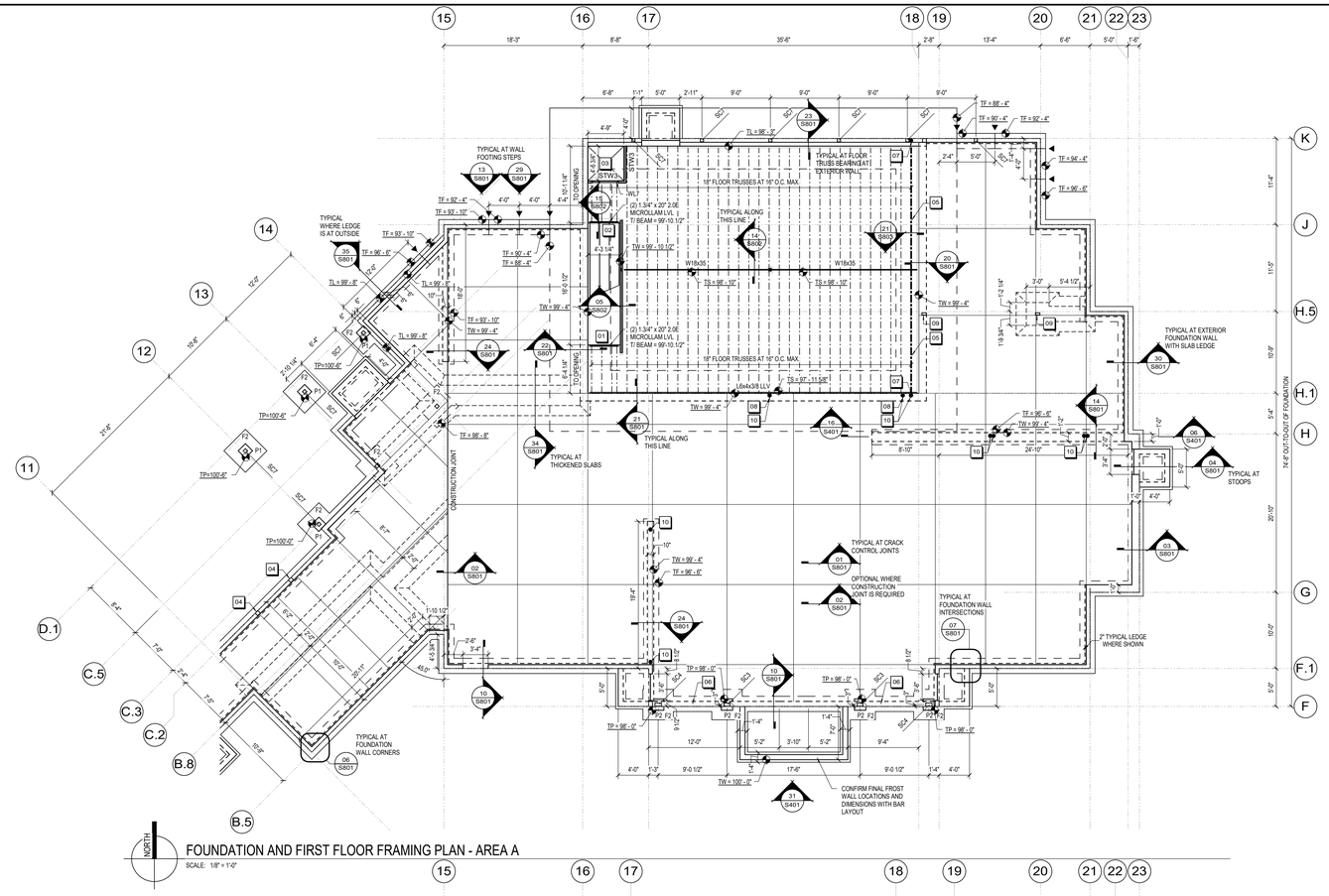
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OVERALL FOUNDATION AND SLAB PLAN

S101

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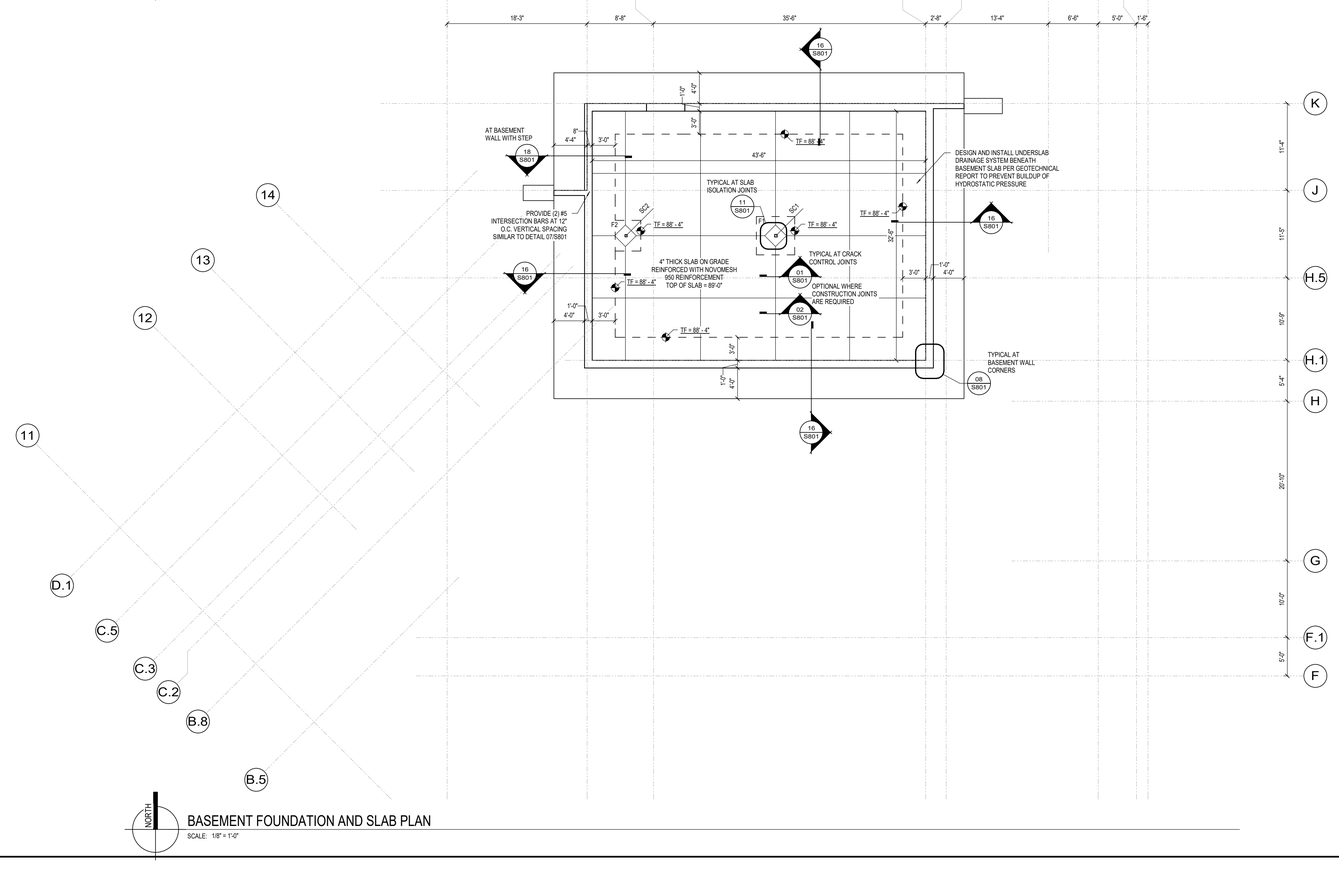
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NORTH

FOUNDATION AND FIRST FLOOR FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

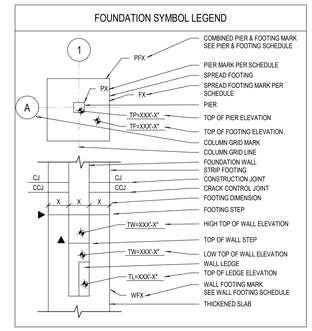


NORTH

BASEMENT FOUNDATION AND SLAB PLAN

SCALE: 1/8" = 1'-0"

FOUNDATION SYMBOL LEGEND



NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

WOOD FLOOR FRAMING NOTES:

1. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
2. FLOOR = 3/4" OYP-CRETE UNDERLAYMENT OVER 3/4" T&G OSB SHEATHING PER STRUCTURAL DESIGN SPECIFICATIONS (TOTAL DEPTH = 1 1/2").
3. TRUSS BRIDGING SHALL BE AS RECOMMENDED BY THE TRUSS MANUFACTURER.
4. ALL FRAMING IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
5. COORDINATE FLOOR TRUSS LOCATIONS WITH FINAL FLOOR DRAIN LOCATIONS.

FOUNDATION AND SLAB PLAN NOTES

1. TYPICAL FLOOR = 4" SLAB ON GRADE REINFORCED WITH NOVOMESH 950 REINFORCEMENT (5 LBS / CUBIC YARD OF CONCRETE) UNLESS NOTED OTHERWISE
2. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE
3. TOP OF FOUNDATION WALL ELEVATION = 100'-0" UNLESS NOTED OTHERWISE
4. TOP OF INTERIOR PIERS SHALL BE 8" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE
5. TOP OF EXTERIOR PIERS SHALL BE 8" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
6. FOUNDATION WALLS SHALL BE 8" THICK UNLESS NOTED OTHERWISE.
7. TOP OF EXTERIOR FOOTING ELEVATION = 3'-6" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE
8. TOP OF INTERIOR FOOTING ELEVATION = 8" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE
9. FOUNDATION WALL FOOTINGS SHALL BE 2'-0" x 1'-0" x CONTINUOUS STRIPS REINFORCED WITH (3) #4 BARS UNLESS NOTED OTHERWISE.
10. FOOTINGS WITHOUT FOUNDATION WALLS SHALL BE 2'-0" x 1'-0" x CONTINUOUS STRIPS REINFORCED WITH (3) #4 BARS UNLESS NOTED OTHERWISE
11. FOUNDATION WALLS SHALL BE INSULATED WITH 2" RIGID INSULATION AGAINST INTERIOR FACE OF WALL UNLESS NOTED OTHERWISE
12. FOUNDATION WALL LEDGES SHALL BE 2" WIDE UNLESS NOTED OTHERWISE
13. TOP OF FOUNDATION WALL LEDGE = 99'-4" UNLESS NOTED OTHERWISE
14. SLAB JOINTS SHALL BE CRACK CONTROL JOINTS UNLESS NOTED OTHERWISE
15. DOUBLE DASHED LINE IN SLAB DENOTES THICKENED SLAB.

KEYNOTES

01	SIMPSON STRONG TIE THA418 FLOOR TRUSS HANGER AT FLOOR TRUSS TO LVL BEAM CONNECTION.
02	(3) STAIR STRINGERS. EACH RUN CONTAINS (1) NOTCHED 1.3/4"x16" 2.0E MICROLLAM LVL AND (1) 1.3/4"x9.1/4" 2.0E MICROLLAM LVL BOTTOM ALIGNED.
03	FLOOR OPENING FOR DUMBWAITER - SEE ARCHITECTURAL FOR DUMBWAITER SPECIFICATIONS.
04	SIMPSON STRONG TIE ABU66RZ POST BASE.
05	TRUSS SUPPORTS WALL ABOVE - DESIGN FOR ADDITIONAL LOAD OF D = 150 PLF.
06	COORDINATE SLAB/FOUNDATION WALL DETAIL WITH DOOR SUPPLIER.
07	HDU11-SDS2.5 TO BE CAST IN CONCRETE WALL. DO NOT ATTACH AT GIRDER TRUSS BELOW.
08	HOLD-DOWN PER FRAMING ELEVATION EMBEDDED IN CONCRETE WALL PER DETAIL 15/S801.
09	WOOD POST PER ROOF FRAMING PLAN.
10	SHEAR WALL HOLD-DOWN MUST BE CAST IN FOUNDATION WALL.

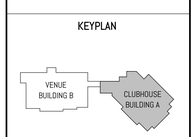
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SUN PRAIRIE, WI 53590

KEYPLAN



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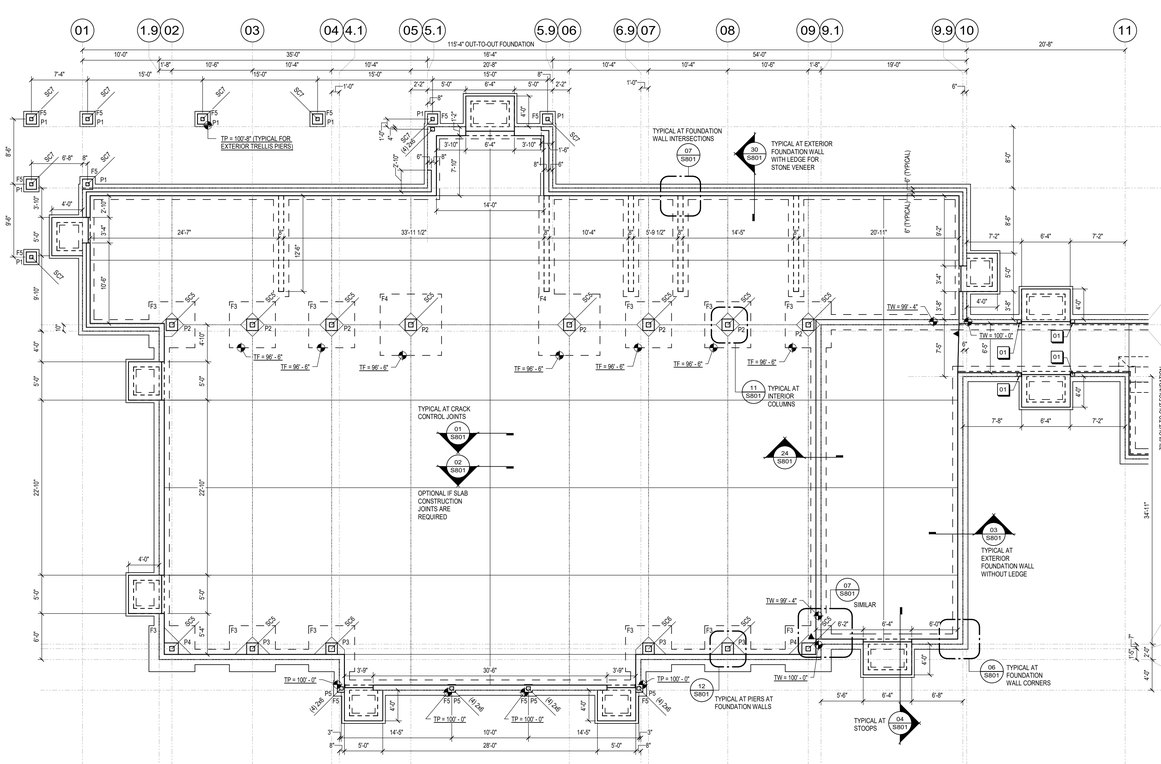
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DRA

FOUNDATION AND FIRST FLOOR FRAMING PLAN - AREA A

S101A

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Sheet Size: 30" x 42" (Arch E1)



FOUNDATION AND SLAB PLAN - AREA B

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

SHEET NOTES:

1. SEE SHEET S101A FOR FOUNDATION AND SLAB PLAN NOTES.
2. TYPICAL FLOOR FOR VENUE = 4" SLAB ON GRADE WITH WELDED WIRE REINFORCEMENT WWR 4 x 4 - W2.9 x W2.9. SEE SHEET S301 FOR WELDED WIRE REINFORCEMENT INFORMATION.

KEYNOTES

01 SIMPSON STRONG TIE ABU66RZ POST BASE.

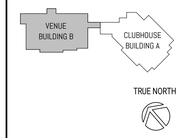
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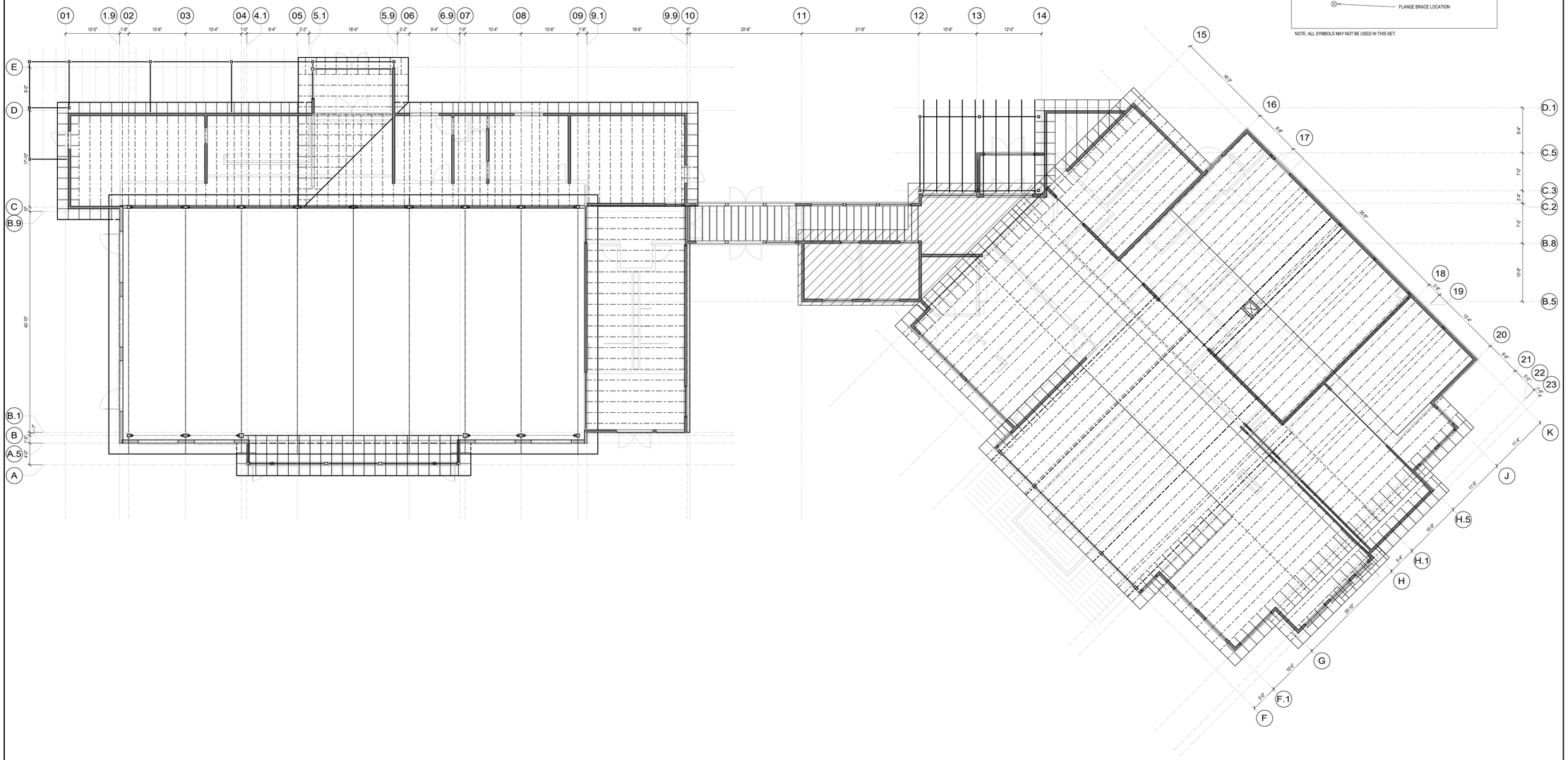
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FOUNDATION AND SLAB PLAN - AREA B

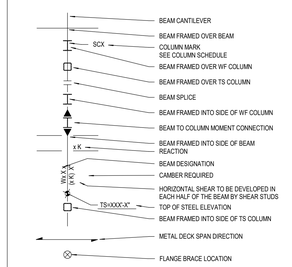
S101B

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STEEL FRAMING SYMBOL LEGEND



NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

NORTH

OVERALL ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

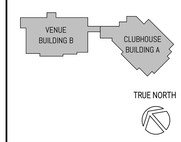
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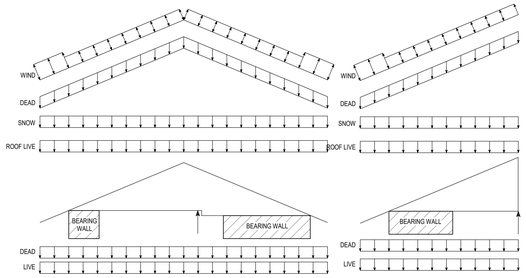
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OVERALL ROOF FRAMING PLAN

S201

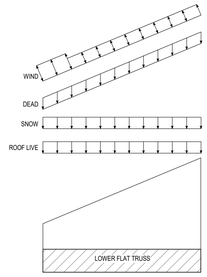
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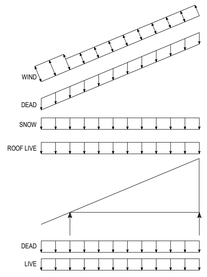


TYPE T15A - GABLE END TRUSS

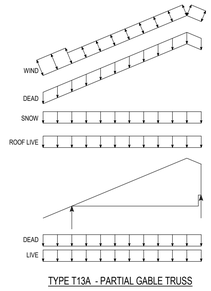
TYPE T10A - MONOSLOPE END TRUSS



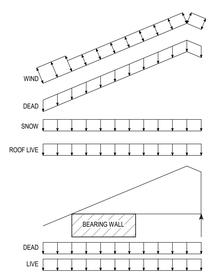
TYPE T14A - MONOSLOPE PIGGY-BACK TRUSS



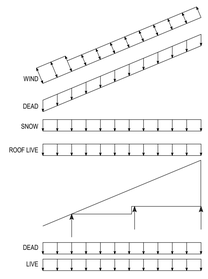
TYPE T9A - MONOSLOPE TRUSS



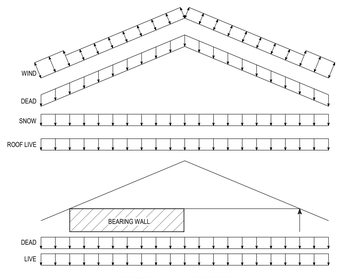
TYPE T13A - PARTIAL GABLE TRUSS



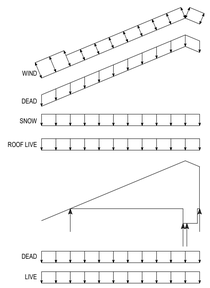
TYPE T12A - PARTIAL GABLE END TRUSS



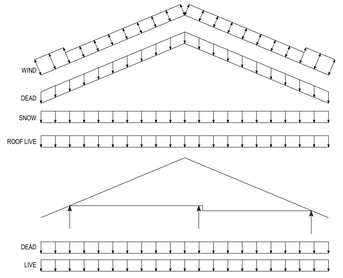
TYPE T11A - MONOSLOPE TRUSS



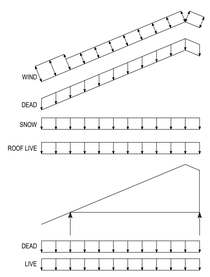
TYPE T8A - GABLE END TRUSS



TYPE T6A - PARTIAL GABLE TRUSS

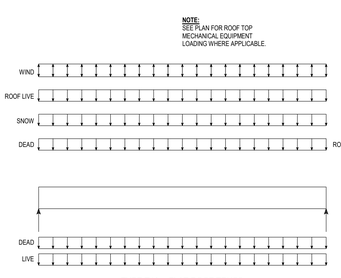


TYPE T7A - GABLE TRUSS



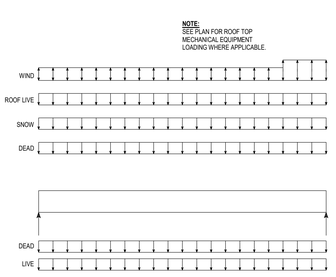
TYPE T5A - PARTIAL GABLE TRUSS

NOTE:
SEE PLAN FOR ROOF TOP MECHANICAL EQUIPMENT LOADING WHERE APPLICABLE.

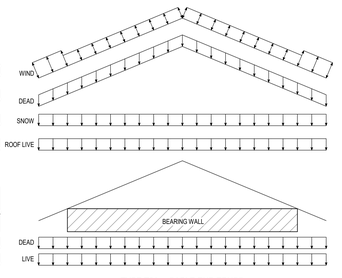


TYPE T4A - FLAT ROOF TRUSS

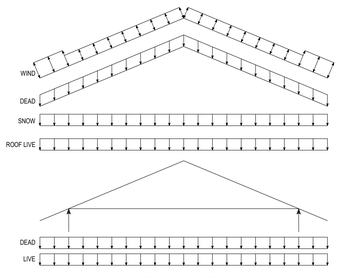
NOTE:
SEE PLAN FOR ROOF TOP MECHANICAL EQUIPMENT LOADING WHERE APPLICABLE.



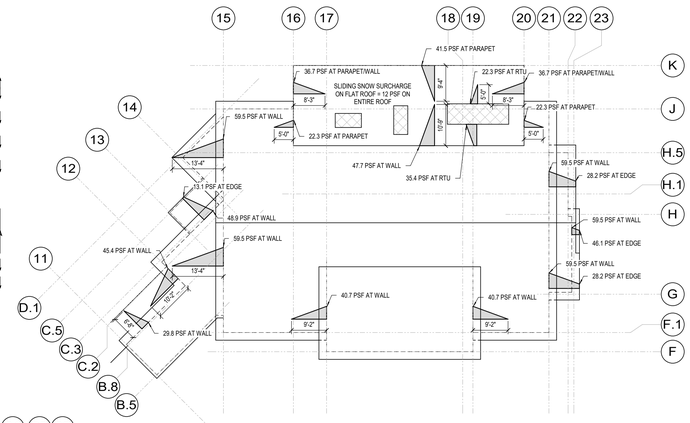
TYPE T3A - FLAT ROOF TRUSS

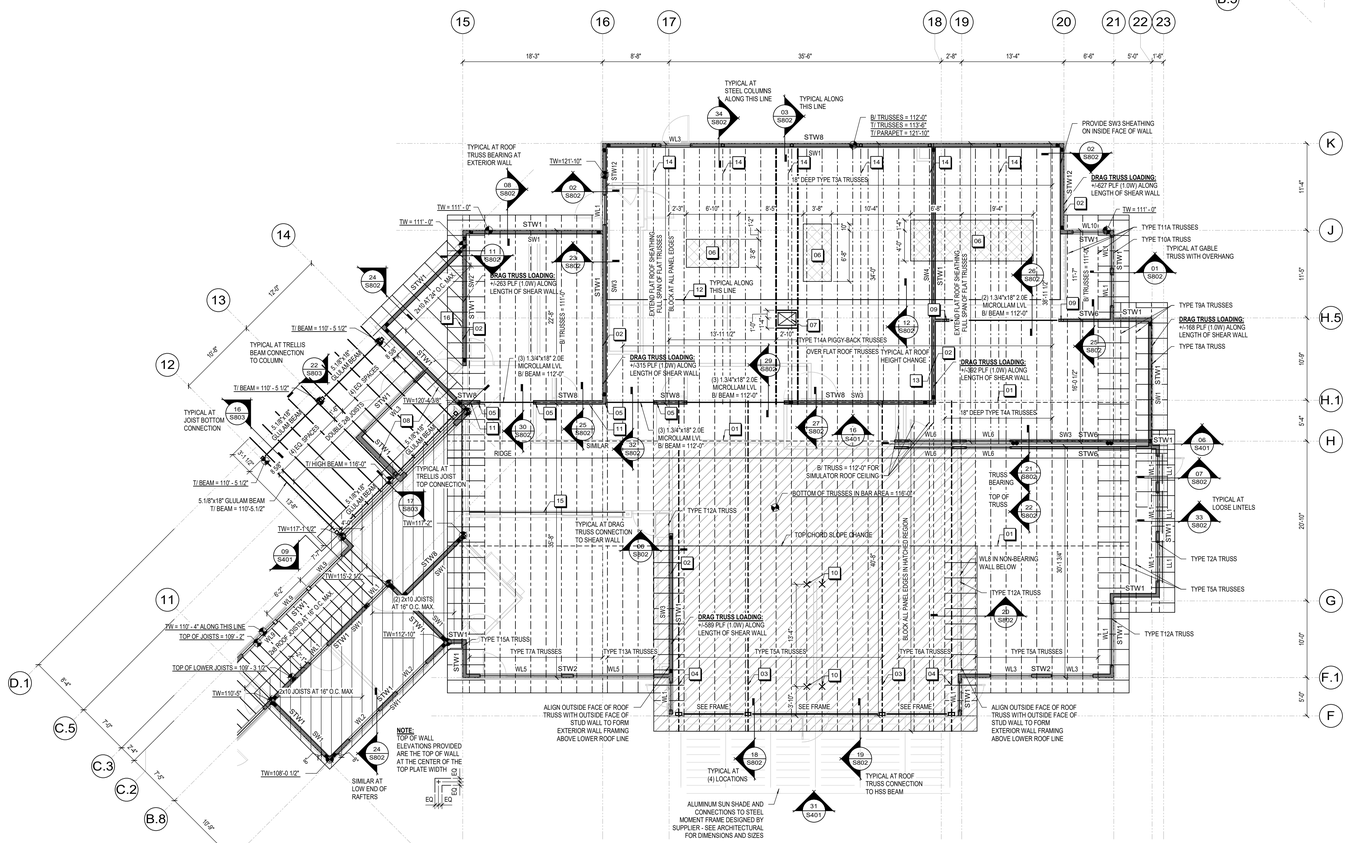


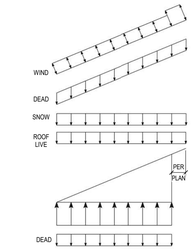
TYPE T2A - GABLE END TRUSS



TYPE T1A - GABLE TRUSS

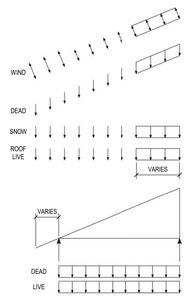



15
16
17
18
19
20
21
22
23
18'-3"
8'-8"
35'-6"
2'-6"
13'-4"
6'-6"
5'-0"
1'-4"
K
J
H.5
H.1
H
G
F.1
F
14
13
12
11
D.1
C.5
C.3
C.2
B.8
B.5
WL3
STW8
SW1
STW1
STW2
STW3
STW5
STW6
STW7
STW12
WL1
WL2
WL4
WL5
WL6
WL7
WL8
WL10
TW=121'-10"
TW = 111'-0"
TW=117'-1 1/2"
TW=112'-1 1/2"
TW=110'-3 1/2"
TW=108'-0 1/2"
TW=107'-4 3/4"
TW=117'-7 1/2"
TOP OF LOWER JOISTS = 109' - 3 1/2"
TOP OF JOISTS = 109' - 7"
TW = 110' - 4" ALONG THIS LINE
TYPICAL AT STEEL COLUMNS ALONG THIS LINE
TYPICAL ALONG THIS LINE
TYPICAL AT ROOF TRUSS BEARING AT EXTERIOR WALL
TYPICAL AT TRELLIS BEAM CONNECTION TO COLUMN
TYPICAL AT JOIST BOTTOM CONNECTION
TYPICAL AT TRELLIS JOIST TOP CONNECTION
TYPICAL ALONG THIS LINE
TYPICAL AT DRAG TRUSS CONNECTION TO SHEAR WALL
TYPICAL AT ROOF TRUSS CONNECTION TO HSS BEAM
TYPICAL AT (4) LOCATIONS
SIMILAR AT LOW END OF RAFTERS
ALUMINUM SUN SHADE AND CONNECTIONS TO STEEL MOMENT FRAME DESIGNED BY SUPPLIER - SEE ARCHITECTURAL FOR DIMENSIONS AND SIZES
ALIGN OUTSIDE FACE OF ROOF TRUSS WITH OUTSIDE FACE OF STUD WALL TO FORM EXTERIOR WALL FRAMING ABOVE LOWER ROOF LINE
SEE FRAME
SEE FRAME
SEE FRAME
ALIGN OUTSIDE FACE OF ROOF TRUSS WITH OUTSIDE FACE OF STUD WALL TO FORM EXTERIOR WALL FRAMING ABOVE LOWER ROOF LINE
NOTE:
TOP OF WALL ELEVATIONS PROVIDED ARE THE TOP OF WALL AT THE CENTER OF THE TOP PLATE WIDTH
EQ
EQ
EQ
8I TRUSSES = 112'-0"
7I TRUSSES = 113'-6"
7I PARAPET = 121'-10"
PROVIDE SW3 SHEATHING ON INSIDE FACE OF WALL
DRAG TRUSS LOADING:
+/-627 PLF (1.0W) ALONG LENGTH OF SHEAR WALL
TYPE T11A TRUSSES
TYPE T10A TRUSS
TYPICAL AT GABLE TRUSS WITH OVERHANG
TYPE T9A TRUSSES
DRAG TRUSS LOADING:
+/-168 PLF (1.0W) ALONG LENGTH OF SHEAR WALL
TYPE T8A TRUSS
DRAG TRUSS LOADING:
+/-375 PLF (1.0W) ALONG LENGTH OF SHEAR WALL
DRAG TRUSS LOADING:
+/-360 PLF (1.0W) ALONG LENGTH OF SHEAR WALL
DRAG TRUSS LOADING:
+/-589 PLF (1.0W) ALONG LENGTH OF SHEAR WALL
(3) 1 3/4"x18" 2.0E MICROLLAM LVL B/ BEAM = 112'-0"
(2) 1 3/4"x18" 2.0E MICROLLAM LVL B/ BEAM = 112'-0"
18" DEEP TYPE T3A TRUSSES
18" DEEP TYPE T4A TRUSSES
TYPE T11A TRUSS
TYPE T12A TRUSS
TYPE T13A TRUSSES
TYPE T15A TRUSS
TYPE T5A TRUSSES
TYPE T12A TRUSS
TYPE T2A TRUSS
TYPE T5A TRUSSES
TYPE T12A TRUSS
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TYPE T7A TRUSSES
TYPE T5A TRUSSES
TYPE T7A TRUSSES

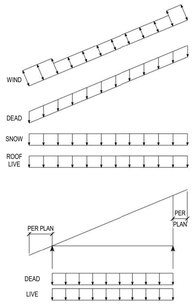


TYPE T5B - VALLEY TRUSS WITH FLAT END AND HIGH OVERHANG

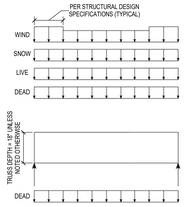
CONNECT T5B VALLEY TRUSSES TO SHEATHING BELOW WITH SIMPSON STRONG-TIE VTCR SINGLE-SIDED VALLEY TRUSS CLIPS AT 12" O.C. (ATTACH TO BLOCKING BETWEEN TRUSSES BELOW, AS NEEDED)



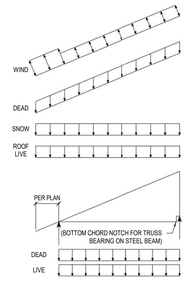
TYPE T4B - MONO TRUSS UNDER VALLEY TRUSS



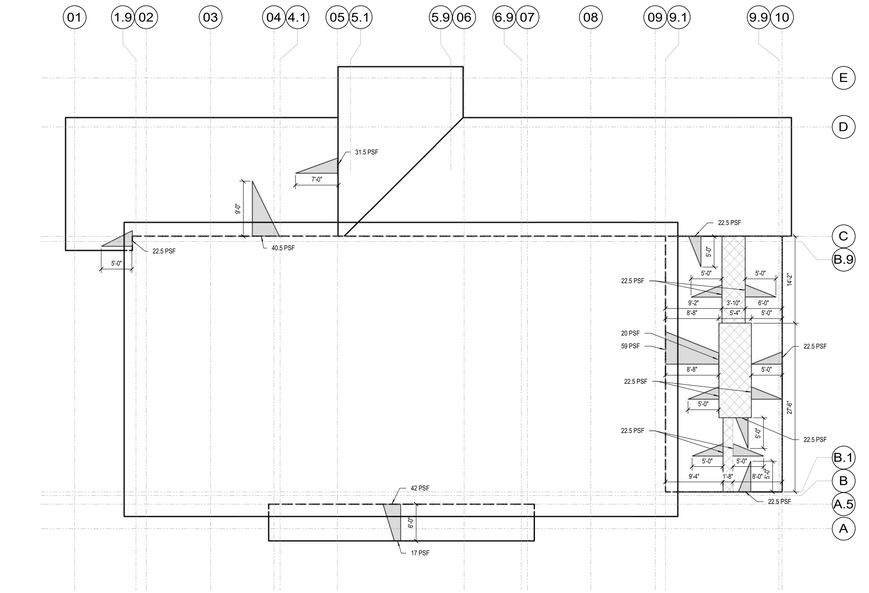
TYPE T3B - MONO TRUSS WITH HIGH OVERHANG



TYPE T2B - FLAT TRUSS

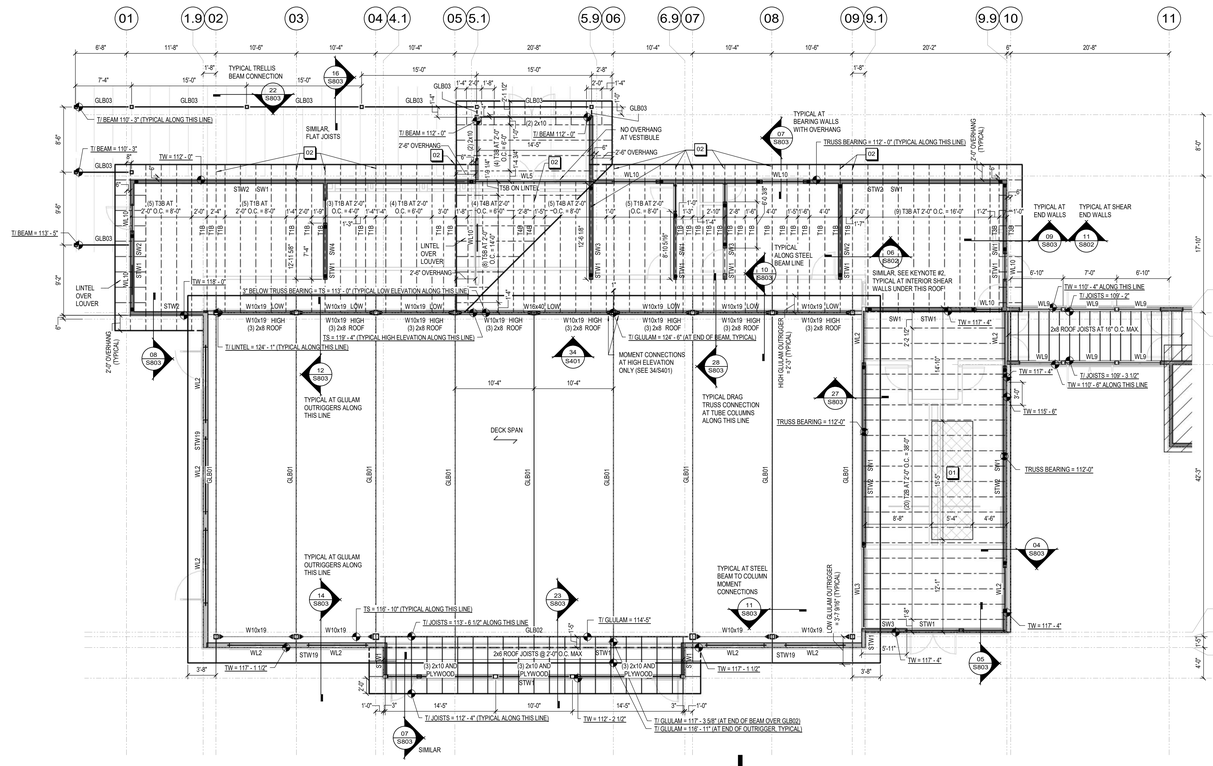


TYPE T1B - MONO TRUSS WITH NOTCHED BOTTOM CHORD



SNOW DRIFT LOADING PLAN - AREA B

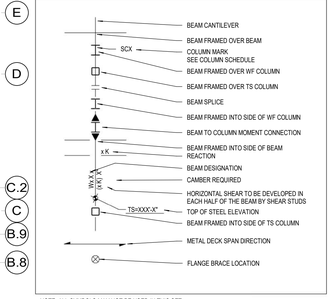
SCALE: 1" = 10'-0"



ROOF FRAMING PLAN - AREA B

SCALE: 1/8" = 1'-0"

STEEL FRAMING SYMBOL LEGEND



NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

SHEET NOTES:

1. SEE SHEET S201A FOR ROOF FRAMING AND STUD WALL PLAN NOTES.
2. GLB01 = 5.18 x 36 24F-V4 1.8E GLULAM BEAM
3. GLB02 = 6.34 x 36 24F-V4 1.8E GLULAM BEAM
4. GLB03 = 5.18 x 18 49 (ALASKAN CEDAR-L3) GLULAM BEAM

METAL ROOF DECK NOTES:

1. METAL ROOF DECK SHALL BE 3" DEEP x 18 GAUGE 3N-24 VULCRAFT GR. 50 STEEL (PAINTED) UNLESS NOTED OTHERWISE
2. STRUCTURAL FASTENERS SHALL BE #12 TEK SCREWS BY ITW-BUILDEX
3. STITCH FASTENERS SHALL BE #10 TEK SCREWS BY ITW-BUILDEX
4. ATTACH STRUCTURAL FASTENERS IN A 24/4 PATTERN (SEE DETAIL 03/S803)
5. (5) STITCH FASTENERS SHALL BE USED PER SPAN WITH EQUAL SPACINGS.
6. DECK PERIMETER FASTENERS AT STRUCTURAL SUPPORTS SHALL BE ATTACHED WITH STRUCTURAL FASTENER PATTERN.
7. DECK PERIMETER FASTENERS NOT AT STRUCTURAL SUPPORTS SHALL BE ATTACHED WITH STITCH FASTENER PATTERN
8. FASTEN SPLIT OR PARTIAL PANELS IN EVERY VALLEY
9. ALL THROUGH ROOF PENETRATIONS OVER 10" IN SIZE SHALL HAVE SUPPORT FRAMING UNDER DECK. PENETRATIONS 10" OR LESS SHALL HAVE A 6"x24" COVERPLATE EACH SIDE PERPENDICULAR TO DECK SPAN. COVERPLATE SHALL MATCH THICKNESS OF DECK. VERIFY SIZE AND LOCATION AT ALL PENETRATIONS WITH ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS.

KEYNOTES

01 DESIGN ROOF TRUSSES FOR 56 PSF SUPERIMPOSED DEAD LOAD FOR MECHANICAL EQUIPMENT ON ROOF. CONTRACTOR TO CONFIRM FINAL SIZE, LOCATION, AND WEIGHTS WITH MECHANICAL UNIT SUPPLIER.

02 DESIGN ROOF DRAG TRUSS FOR AN AXIAL LOAD OF 350 PLF (ASD)

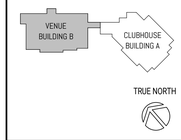
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PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



ISSUANCES / REVISIONS

NO:	DESCRIPTION:	DATE:
1	PLAN REVIEW / BID PACKAGE / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
ZCG

DRAWN BY
JTR

ROOF FRAMING PLAN - AREA B

S201B

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Sheet Size: 30" x 42" (Arch E1)

STRUCTURAL GENERAL NOTES

GENERAL

- DESIGN DRAWINGS SHOW THE INTENT OF REQUIRED CONSTRUCTION AND SPECIFIC CONSTRUCTION AS NEEDED TO FACILITATE CLEAR DETAILING. FOR SPECIFIC CONDITIONS NOT SHOWN, THE CONTRACTOR SHALL PROVIDE DETAILS OF CONSTRUCTION SIMILAR TO THOSE SHOWN.
- THE FOLLOWING NOTES APPLY TO THE PLANS AND/OR SPECIFICATIONS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICT WITH PLANS AND/OR SPECIFICATIONS, THE MORE RESTRICTIVE REQUIREMENT SHALL APPLY.
- CONTRACTOR SHALL BECOME FAMILIAR WITH EACH DRAWING AND DETAIL CONTAINED IN THE DRAWING SET AND REPORT ANY ERRORS, OMISSIONS, DISCREPANCIES, OR DETAILS NOT REFERENCED FOR INSTRUCTIONS FROM THE DESIGN PROFESSIONAL.
- VERIFY AND COORDINATE EXISTING CONDITIONS, DIMENSIONS, AND CONSTRUCTION IN PROGRESS WITH THE SHOP DRAWINGS FOR THE VARIOUS MATERIALS AND BUILDING COMPONENTS PRIOR TO SUBMITTAL. ORDERING ANY MATERIAL, OR COMMENCEMENT OF ANY WORK. ALL DIMENSIONAL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL.
- VERIFY AND COORDINATE WITH ALL CONTRACTORS THE SIZE AND LOCATION OF ALL ARCHITECTURAL AND MECHANICAL APPURTENANCES AND OPENINGS.
- CONSTRUCTION PRACTICE, MEANS AND METHODS, AND JOBSITE SAFETY SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, AND OTHER DRAWINGS TO COORDINATE ALL MISCELLANEOUS WORK PROVIDED FOR OTHER DISCIPLINES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL DIVISION OF MATERIALS AND LABOR FOR THE WORK.
- ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND ALL FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES AS THEY PERTAIN TO THIS PROJECT.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING, SUPPORTS, SHORING, ETC. UNTIL PERMANENT BRACING AND SUPPORT SYSTEMS ARE IN PLACE AND FUNCTIONAL. THE DESIGN, ADEQUACY, AND SAFETY OF TEMPORARY BRACING, SUPPORTS, SHORING, ETC., SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- STRUCTURAL FRAMING AND CONNECTIONS HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING CONSTRUCTION. INVESTIGATION OF THE FRAMING AND CONNECTIONS FOR ADEQUACY DURING CONSTRUCTION SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL REROUTE EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING WORK NOT OTHERWISE INDICATED TO FACILITATE NEW CONSTRUCTION AND SHALL SUBMIT PLANS FOR APPROVAL INDICATING EXISTING AND REROUTED LOCATIONS.
- SUBSTITUTIONS FOR PROPRIETARY STRUCTURAL PRODUCTS DESIGNATED ON THE DRAWINGS SHALL BE APPROVED BY THE DESIGN PROFESSIONAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY INFORMATION USED TO DETERMINE ADEQUACY OF PROPOSED SUBSTITUTIONS INCLUDING STRUCTURAL CALCULATIONS IF NECESSARY.

SUBMITTAL REVIEW

- SUBMITTALS ARE ALL ITEMS REQUESTED TO BE SUBMITTED FOR REVIEW AND INCLUDE STRUCTURAL CALCULATIONS AND SHOP DRAWINGS. SHOP DRAWINGS INCLUDE BOTH ERECTION AND PRODUCTION DRAWINGS.
- SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND MARKED "FOR APPROVAL".
- PRIOR TO SUBMITTAL TO THE DESIGN PROFESSIONAL, THE CONTRACTOR SHALL:
  1) REVIEW EACH SUBMISSION FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS;
  2) REVIEW EACH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCENDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
  3) IDENTIFY ANY VARIATIONS FROM THE CONTRACT DOCUMENTS.
  4) APPROVE AND STAMP COMPLIANT SUBMISSIONS THUS. NON COMPLIANT SUBMITTALS SHALL BE REVISED UNTIL COMPLIANT.
- ALLOW TEN (10) WORKING DAYS FROM THE DATE OF SUBMISSION FOR THE DESIGN PROFESSIONAL'S SUBMITTAL REVIEW. ALLOW MORE FOR LARGE SUBMITTALS.
- SUBMITTALS SHALL BE REVIEWED AND MARKED "PROCESSED" OR "APPROVED" BY ALL REVIEWING PARTIES PRIOR TO THE START OF FABRICATION.
- REVIEW BY THE DESIGN PROFESSIONAL IS TO CONFIRM THAT THE DETAILED WORK (WHEN COMPLETE) CONFORMS TO THE DESIGN INTENT AND IS ABLE TO PERFORM AS AN INTEGRAL PART OF THE COMPLETED BUILDING SYSTEM SHOWN ON THE CONTRACT DOCUMENTS. A COMPLETED REVIEW BY THE DESIGN PROFESSIONAL IS NOT AN APPROVAL OF CHANGES SHOWN IN THE SUBMITTAL, IS NOT AN INDICATION THAT THE DESIGN PROFESSIONAL HAS CHECKED DIMENSIONS SHOWN IN THE SUBMITTAL, AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITIES FOR CORRECTNESS OF THE DETAILS, ERRORS, AND CONFORMANCE WITH THE CONTRACT.
- FINAL STRUCTURAL DESIGN CALCULATIONS AND SHOP DRAWINGS SHALL BE PROVIDED FOR RECORD PURPOSES AND MARKED "FOR CONSTRUCTION" PRIOR TO INSTALLATION.
- CONSTRUCTION ELEMENTS DESIGNATED AS STRUCTURAL COMPONENTS ARE DESIGNED BY PARTIES OTHER THAN THE DESIGN PROFESSIONAL OF RECORD AND HAVE THE ADDITIONAL REQUIREMENTS OF SUBMITTAL TO AUTHORITIES HAVING JURISDICTION. SUBMIT STRUCTURAL COMPONENT FINAL STRUCTURAL DESIGN CALCULATIONS, SHOP DRAWINGS, AND THE REQUIRED SUBMITTAL FEE TO THE DESIGN PROFESSIONAL FOR REVIEW, SIGNATURE, AND SUBMITTAL TO THE AUTHORITY HAVING JURISDICTION.
- STRUCTURAL COMPONENT SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION ARE REQUIRED TO BE COMPLETED PRIOR TO INSTALLATION OR FINES COULD BE IMPOSED BY THE AUTHORITY HAVING JURISDICTION. ALL FINES WILL BE BACKCHARGED TO THE CONTRACTOR.
- STRUCTURAL COMPONENT DESIGNS SHALL MATCH THE GEOMETRY SHOWN ON THE DESIGN DRAWINGS TO MAINTAIN THE OVERALL STRUCTURAL DESIGN CONCEPT AND ASSUMPTIONS USED IN THE DESIGN OF CONNECTING PORTIONS OF THE BUILDING. ANY AND ALL DEVIATIONS SHALL BE APPROVED IN WRITING BY THE DESIGN PROFESSIONAL OF RECORD PRIOR TO IMPLEMENTATION. ADDITIONAL COSTS TO EITHER THE DESIGN PROFESSIONAL OF RECORD OR OTHER CONTRACTORS FOR UNAPPROVED CHANGES SHALL BE THE RESPONSIBILITY OF THE COMPONENT SUPPLIER.

EARTHWORK

- CONTACT PROPER AUTHORITIES TO LOCATE EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- A LICENSED GEOTECHNICAL ENGINEER ACCEPTABLE TO THE OWNER SHALL BE RETAINED BY THE CONTRACTOR TO INSPECT, TEST, APPROVE, DOCUMENT, AND REPORT ALL BEARING CONDITIONS AND COMPACTED FILL INSTALLATIONS PRIOR TO CONCRETE PLACEMENT. FOUNDATION CONSTRUCTION MAY BE ADJUSTED BY THE DESIGN PROFESSIONAL IF REQUIRED BY THE GEOTECHNICAL ENGINEER. CONSULT THE DESIGN PROFESSIONAL BEFORE PROCEEDING.
- CONTRACTOR SHALL COORDINATE AND SCHEDULE WHEN THE GEOTECHNICAL ENGINEER IS TO BE ON SITE. NO FOOTINGS OR FOUNDATIONS SHALL BE PLACED WITHOUT PRIOR APPROVAL FROM THE GEOTECHNICAL ENGINEER.
- IF EXCAVATION INDICATES A SOIL BEARING CAPACITY LESS THAN DESIGN CAPACITY AT FOOTING DEPTH, CONSULT THE DESIGN PROFESSIONAL BEFORE PROCEEDING.
- FOOTINGS SHALL BE CAST ON UNDISTURBED SOIL, COMPACTED FILL, OR CONTROLLED LOW STRENGTH MATERIAL (CLSM).
- COMPACT ALL SUBGRADE BELOW FOOTINGS PRIOR TO CONCRETE PLACEMENT.
- HOLES, TRENCHES, OR DISTURBANCES IN THE SOIL SHALL NOT BE ALLOWED WITHIN THE VOLUME DESCRIBED BY 45 DEGREE LINES SLOPING FROM THE BOTTOM EDGE OF THE FOOTING. IF SUCH ARE REQUIRED, CONSULT THE DESIGN PROFESSIONAL BEFORE PROCEEDING.
- DO NOT PLACE UNDERGROUND UTILITES OR PIPES BELOW FOOTINGS WITHOUT CONSULTING THE DESIGN PROFESSIONAL BEFORE PROCEEDING.
- TOPSOIL OR UNACCEPTABLE SOIL BELOW SLABS ON GRADE SHALL BE REMOVED. SUBGRADE UNDER SLABS SHALL BE AS RECOMMENDED IN THE PROJECT MANUAL.
- COMPACT ALL SUBGRADE MATERIAL PRIOR TO PLACMENT OF ANY FILL. REMOVE LOOSE MATERIAL AND DEBRIS THAT CANNOT BE ADEQUATELY COMPACTED.
- BACKFILL AGAINST ANY WALLS OR CONSTRUCTION SHALL NOT BE PLACED UNLESS THE WALLS ARE ADEQUATELY BRACED TO WITHSTAND THE LOADS IMPOSED DUE TO THE BACKFILLING OPERATION.
- DESIGN, FURNISH, AND INSTALL ALL TEMPORARY SHEETING AND SHORING NECESSARY TO MAINTAIN THE EXCAVATION AND PROTECT SURROUNDING STRUCTURES AND UTILITIES.
- PROVIDE ANY DEWATERING REQUIRED DURING EXCAVATION AND CONSTRUCTION.
- PROVIDE MINIMUM 24 INCHES OF WASHED STONE OVER ALL DRAIN TILES AND 4 INCHES BELOW.

CONCRETE

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE CONCRETE.
- CONCRETE WORK SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE INCLUDING BUT NOT LIMITED TO ACI 301("SPECIFICATIONS FOR STRUCTURAL CONCRETE"), ACI 305("HOT WEATHER CONCRETING"), AND ACI 306("COLD WEATHER CONCRETING"). CONCRETE DETAILING SHALL CONFORM TO ACI SP-66("ACI DETAILING MANUAL").
- A CERTIFIED TESTING AGENCY ACCEPTABLE TO THE OWNER SHALL BE RETAINED BY THE CONTRACTOR TO INSPECT, TEST, APPROVE, DOCUMENT, AND REPORT ON ALL CONCRETE PROPERTIES.
- CONTRACTOR SHALL NOTIFY DESIGN PROFESSIONAL, BUILDING INSPECTOR, AND TESTING AGENCY AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE.
- SLABS ON GRADE SHALL BE CAST ALLOWING A SUFFICIENT NUMBER OF JOINTS TO ADEQUATELY CONTROL SHRINKAGE CRACKING. GENERALLY, JOINTS SHALL OCCUR ON COLUMN CENTERLINES. JOINTS SHALL BE SPACED IN SUCH A WAY THAT THE LENGTH TO WIDTH RATIO OF UN-JOINTED SLAB PORTION SHALL NEVER BE GREATER THAN 2. SPACING SHOULD BE APPROXIMATELY 2.5 x SLAB THICKNESS (CONVERTED TO FEET) WITH A MAXIMUM SPACING BETWEEN JOINTS OF 15'-0".
- SLABS ON GRADE SHALL HAVE THE FOLLOWING FINISH UNLESS NOTED OTHERWISE:
  EXTERIOR SLABS - BROOM FINISH
  INTERIOR SLABS - TROWEL FINISH
  SLABS TO RECEIVE BONDED TOPPINGS - SCRATCH FINISH
  SLABS TO RECEIVE TILE BY THIN OR THICK SET METHOD - FINE BROOM FINISH
- SLABS ON GRADE SHALL HAVE A 10 MIL VAPOR RETARDER BELOW SLAB UNLESS NOTED OTHERWISE
- WELDED WIRE REINFORCEMENT IN SLABS ON GRADE SHALL BE PLACED WITHIN 2" FROM THE TOP OF THE SLAB. CHAIRS SHALL BE USED. LIFTING THE WIRE DURING CONCRETE PLACEMENT IS NOT PERMITTED.
- SLOPE SLAB ON GRADE 1/4" PER FOOT TO DRAINS UNLESS NOTED OTHERWISE.
- SAW-CUTTING SHALL BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT THE AGGREGATE FROM BEING DISLODGED BY THE SAW AND SHALL BE COMPLETED BEFORE SHRINKAGE STRESSES BECOME SUFFICIENT TO PRODUCE CRACKING, WITHIN 16 HOURS MAXIMUM OF THE INITIAL CASTING OPERATION.
- ALLOW AT LEAST 24 HOURS BEFORE POURING ADJACENT WALL SECTIONS BETWEEN CONSTRUCTION JOINTS.
- MAX LENGTH OF POUR TO BE 50 FEET UNLESS CRACK INDUCERS ARE USED.
- ALL REINFORCEMENT SHALL BE SECURELY HELD IN POSITION BY SUITABLE ACCESSORIES PRIOR TO CONCRETE PLACEMENT EXCEPT AS NOTED OR SPECIFIED.
- PIERS SHALL BE POURED MONOLITHICALLY WITH WALLS.
- BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 4'-0" BELOW FINISHED GRADE UNLESS NOTED OTHERWISE
- FOOTINGS SHALL BE CENTERED BELOW WALLS, PIERS, AND COLUMNS ABOVE UNLESS NOTED OTHERWISE .
- SLOPE EXTERIOR STOOPS 1/4" PER FOOT AWAY FROM BUILDING.
- TOP OF FOUNDATION WALL SHALL BE DROPPED 8" AT DOOR THRESHOLDS FOR FLOOR SLAB CAP. WIDTH OF CAP SHALL BE EQUAL TO WIDTH OF ROUGH OPENING.
- WHERE REINFORCING IS CALLED FOR IN PORTIONS OF THE BUILDING, IT SHALL BE DUPLICATED IN SIMILAR PORTIONS OF THE BUILDING.
- DOWELS INTO FOUNDATION SHALL BE SAME NUMBER AND SIZE AS WALL/PIER/COLUMN VERTICAL REINFORCING.
- BARS SPLICES SHALL BE LAPPED WITH CLASS B SPLICE LENGTHS UNLESS NOTED OTHERWISE. LAP WELDED WIRE REINFORCEMENT 6 INCHES.
- HORIZONTAL REINFORCING IN CONCRETE WALLS SHALL BE CONTINUOUS
- VERTICAL REINFORCING IN CONCRETE WALLS SHALL END 2" FROM THE TOP OF THE WALL
- PROVIDE CORNER BARS OF SAME SIZE AND SPACING AS HORIZONTAL BARS AT WALL CORNERS. BARS SHALL BE 40 BAR DIAMETERS IN LENGTH EACH WAY.
- PROVIDE INTERSECTION BARS OF SAME SIZE AND SPACING AS HORIZONTAL BARS AT WALL INTERSECTIONS. BARS SHALL BE 40 BAR DIAMETERS IN LENGTH WITH STANDARD HOOKS EACH WAY AT INTERSECTING WALL.
- DO NOT CUT OR PLACE HOLES IN CONCRETE SLABS, BEAMS, COLUMNS, OR WALLS WITHOUT PRIOR APPROVAL OF THE DESIGN PROFESSIONAL.
- WALL OR SLAB PENETRATIONS SHALL HAVE (2) #4 BARS DIAGONALLY AT CORNERS OF OPENINGS CENTERED IN SLAB: EXTEND 1'-0" BEYOND THE EDGE OF THE PENETRATION IN EACH DIRECTION.
- SLABS SHALL HAVE #4 BARS DIAGONALLY AT INSIDE CORNERS OF WALLS, PIERS, AND FOUNDATION DROPS FOR SLAB CAPS UNLESS A CONTROL JOINT IS PROVIDED AT THE CORNER.
- PIPES AND CONDUITS EMBEDDED IN OR PASSING THROUGH STRUCTURAL MEMBERS MUST BE APPROVED BY THE DESIGN PROFESSIONAL. PIPE AND CONDUIT EMBEDDED IN CONCRETE SHALL NOT BE LARGER IN OUTSIDE DIAMETER AT ITS WIDEST POINT OR FITTING THAN 2 INCHES OR 1/3 OF THE THICKNESS OF THE SLAB, BEAM, OR WALL; AND SHALL BE LOCATED AND PLACED AS SUCH:
  1. NOT CLOSER THAN THREE DIAMETERS ON CENTER.
  2. CONCRETE COVER IS NOT LESS THAN 2 INCHES.
  3. NO REINFORCING SHALL BE DISPLACED.
- COORDINATE AND VERIFY SIZE AND LOCATION OF ALL OPENINGS, SLEEVES, CHASES, CONDUITS, DEPRESSED AREAS, FLOOR FINISHES, FILLS, ANCHORS, STONE AND MASONRY INSERTS, HANGERS, CURBS, AND OTHER MISCELLANEOUS ITEMS BEFORE PLACING CONCRETE.
- CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
- A MINIMUM OF 4 CONCRETE CYLINDERS SHALL BE TAKEN FOR EACH CONCRETE PORTION TESTED.

CONCRETE REINFORCEMENT

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE CONCRETE REINFORCEMENT.

MASONRY

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE MASONRY.
- MASONRY WORK SHALL CONFORM TO ACI 530.1/ASCE 6/TMS 602("SPECIFICATION FOR MASONRY STRUCTURES") INCLUDING BUT NOT LIMITED TO THE HOT AND COLD WEATHER REQUIREMENTS.
- ANCHOR VENEERS TO BACKUP WALLS WITH TIES AT MAXIMUM SPACINGS OF 2'-0"x2'-0".
- CONTROL JOINTS IN MASONRY WALLS TO BE LOCATED AT:
  A) MAXIMUM OF 20'-0" FROM CORNERS.
  B) MAXIMUM OF 40'-0" ON CENTER.
  C) CHANGES IN WALL HEIGHT OR THICKNESS.
  D) CHASES AND RECESSES FOR PIPING, COLUMNS, AND FIXTURES.
  E) ABUTMENT OF WALLS TO COLUMNS.
- LINTELS SHALL HAVE MINIMUM 8" BEARING LENGTH AT EACH END.

STRUCTURAL STEEL

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE STRUCTURAL STEEL.
- WELDS SHALL BE AWS PRE-QUALIFIED, MADE WITH A E70xx ELECTRODE, AND SHALL BE PERFORMED BY WELDERS, AWS CERTIFIED FOR WELDS MADE.
- COLUMN BASE PLATES WITH OVERSIZE HOLES SHALL HAVE PLATE WASHERS PROVIDED WITH ANCHOR BOLTS.
- ALL BEAM TO COLUMN FLANGE CONNECTIONS ARE TO CONFORM TO AISC SINGLE PLATE SHEAR CONNECTIONS UNLESS NOTED OTHERWISE - SEE SINGLE PLATE SCHEDULE.
- ALL BEAM TO COLUMN WEB CONNECTIONS ARE TO CONFORM TO AISC DOUBLE ANGLE SHEAR CONNECTIONS UNLESS NOTED OTHERWISE.
- PROVIDE ANGLE FRAMING WITH LONG LEGS VERTICAL FOR ROOF PENETRATIONS GREATER THAN 6" x 6" UNLESS NOTED OTHERWISE
- THE MINIMUM END CONNECTION OF ANY MEMBER SHALL BE MADE WITH TWO (2) A325 3/4" DIAMETER BOLTS OR EQUIVALENT WELD UNLESS NOTED OTHERWISE.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL EXPOSED TO WEATHER SHALL HAVE CONTINUOUS SEAL WELDS AT ALL JOINTS, IN ADDITION TO STRENGTH WELDS.
- CLEAN, PREPARE, AND SHOP PRIME STRUCTURAL STEEL MEMBERS IN ACCORDANCE WITH S.S.P.C. STANDARDS SP-1 AND SP-6.
- ALL STEEL REMAINING EXPOSED TO VIEW SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE SECTION PERTAINING TO ARCHITECTURALLY EXPOSED STRUCTURAL STEEL, WITHOUT GAPS OR OPEN JOINTS

STEEL DECK

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE STEEL DECK.
- DECK END LAPS SHALL BE 4-INCH MINIMUM AND SHALL OCCUR AT SUPPORTS.
- L3 x 3 x 3/16 x CONTINUOUS SHALL BE PLACED AT UNSUPPORTED DECK EDGES AROUND PERIMETER OF ROOF DECK UNLESS NOTED OTHERWISE.
- PROVIDE DECK CLOSURE CHANNELS AT PERIMETER OF ALL DECK PENETRATIONS INCLUDING HVAC AND ROOF DRAIN SUMP PANS
- ROLLED IN HANGER TABS ARE NOT PERMITTED IN STEEL DECK.
- DECK SHALL BE 3 SPAN CONTINUOUS, MINIMUM UNLESS NOTED OTHERWISE. CONSULT THE DESIGN PROFESSIONAL BEFORE PROCEEDING IF 3 SPAN CONTINUOUS CONDITION IS NOT POSSIBLE.

WOOD FRAMING

- ALL STRUCTURAL FRAMING LUMBER, PLYWOOD, AND FABRICATED WOOD PRODUCTS SHALL HAVE A MOISTURE CONTENT NOT EXCEEDING 19% AT THE TIME OF INSTALLATION. JOBSITE STORAGE OF ALL WOOD PRODUCTS SHALL PROTECT WOOD MATERIALS FROM DAMAGE DUE TO THE ELEMENTS. NO WARPED OR WEATHER DAMAGED LUMBER, ENGINEERED WOOD, OR WOOD TRUSSES SHALL BE USED.
- ALL ENGINEERED WOOD PRODUCTS SHALL HAVE MOISTURE CONTENT NOT EXCEEDING 16% AT THE TIME OF INSTALLATION.
- FASTENERS SHALL BE PLACED ACCORDING TO BUILDING CODE FASTENING SCHEDULES UNLESS NOTED ON PLAN.
- SHEATHING AND GYPSUM SHALL BE NAILED OR SCREWED, ADHESIVES SHALL NOT BE USED IN PLACE OF NAILS OR SCREWS.
- TOE NAILING AT CONNECTIONS IS NOT PERMITTED UNLESS NOTED OTHERWISE.
- FASTEN ROOF SHEATHING PER A.P.A. FASTENER RECOMMENDATIONS FOR SPECIFIED LOADING AND THE FOLLOWING MINIMUM SPACINGS:
  A) 8d AT 6" ON CENTER AT ALL SUPPORTED EDGES
  B) 8d AT 12" ON CENTER AT INTERMEDIATE SUPPORTS
- FASTEN WALL SHEATHING PER A.P.A. FASTENER RECOMMENDATIONS FOR SPECIFIED LOADING AND THE FOLLOWING MINIMUM SPACINGS:
  A) 8d AT 6" ON CENTER AT ALL SUPPORTED EDGES
  B) 8d AT 12" ON CENTER AT INTERMEDIATE SUPPORTS
- FASTEN FLOOR SHEATHING PER A.P.A. FASTENER RECOMMENDATIONS FOR SPECIFIED LOADING AND THE FOLLOWING MINIMUM SPACINGS:
  A) 8d AT 6" ON CENTER AT ALL SUPPORTED EDGES
  B) 8d AT 12" ON CENTER AT INTERMEDIATE SUPPORTS
- WALL BEARING MEMBERS SHALL HAVE 1/2" AIR SPACE AROUND SIDES AND ENDS OF BEAMS.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SHEAR WALL ANCHORS.
- WOOD CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY UNLESS APPROVED IN WRITING BY THE DESIGN PROFESSIONAL. THE CONTRACTOR SHALL SUBMIT A LISTING OF THE CONNECTORS AND FASTENERS TO BE USED ALONG WITH NECESSARY PRODUCT DATA FOR REVIEW.
- DOUBLE 2x TOP PLATES SHALL BE SCREWED TOGETHER WITH (2) #12 WOOD SCREWS x 2 1/2" LONG AT 12" O.C. AND (4) WOOD SCREWS AT LOCATIONS OF ROOF STRUCTURAL ANCHORS UNLESS NOTED OTHERWISE.

WOOD TRUSSES

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR THE WOOD TRUSSES.
- WOOD TRUSSES ARE STRUCTURAL COMPONENTS AND HAVE THE ADDITIONAL REQUIREMENTS REQUIRED AS SUCH.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING OF TRUSSES DURING HANDLING AND ERECTION AND PERMANENT BRACING PER THE MANUFACTURER'S RECOMMENDATIONS, THE REQUIREMENTS OF THE TRUSS PLATE INSTITUTE, AND OSHA REGULATIONS.
- TRUSS MANUFACTURERS SHALL PROVIDE ALL TRUSS-TO-TRUSS CONNECTIONS.
- ANCHORAGE TO SUPPORT SHALL BE SECURED USING ANCHORS WITH A MINIMUM UPLIFT CAPACITY OF 400 LBS. AT EACH TRUSS UNLESS NOTED OTHERWISE.
- BEAR ALL GIRDER TRUSSES ON (3) STUDS BOLTED TOGETHER WITH 1/2" DIAMETER BOLTS AT 2'-0" O.C. AND ANCHORED AT TOP AND BOTTOM UNLESS NOTED OTHERWISE.
- CONNECT NON-BEARING WALLS TO THE UNDERSIDE OF TRUSSES WITH SLOTTED ANCHOR CONNECTIONS TO ALLOW FOR TRUSS DEFLECTION.
- CONTRACTOR SHALL FULLY BLOCK ALL BEARING ENDS OF TRUSSES FROM BEARING PLATE TO ROOF SHEATHING IN EVERY OTHER TRUSS SPACE. FASTEN ROOF SHEATHING TO BLOCKING AT 6" O.C. WITH 12d NAILS, DRILL 3" HOLES AT 6" O.C. TO VENT SOFFIT.
- USE JOIST HANGERS DESIGNED FOR GIVEN MEMBER SIZE FOR SUPPORT WHEN FRAMING INTO SIDES OF OTHER MEMBERS.
- BRIDGE AND BLOCK TRUSSES IN ACCORDANCE WITH THE MANUFACTURER'S AND THE TRUSS PLATE INSTITUTE'S REQUIREMENTS

MISCELLANEOUS

- PROVISIONS SHALL BE TAKEN TO ASSURE NON-STRUCTURAL COMPONENTS ARE NOT DISTORTED OR DAMAGED BY DEFLECTION OF THE STRUCTURE. INCLUDE DEFLECTION TRACK AT ALL INTERIOR NON-LOAD BEARING STUD WALLS.
- POWDER-ACTUATED FASTENERS SHALL FOLLOW ANSI A10.3 SPECIFICATIONS
- ADHESIVE ANCHORS SHALL BE SIMPSON STRONG TIE ACRYLIC-TIE ADHESIVE UNLESS NOTED OTHERWISE OR APPROVED BY THE DESIGN PROFESSIONAL.

STRUCTURAL DESIGN SPECIFICATIONS

- THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS ARISING FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS, AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS ARISING FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES, OR CONFLICTS WHICH ARE ALLEGED.
- DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS APPLICABLE TO WORK AND PROJECT LOCATION
- BUILDING ANALYSIS AND DESIGN WERE AND SHALL BE BASED ON THE STATE OF WISCONSIN BUILDING CODE AS AMENDED TO DATE.
- EDITION AND DATE OF REFERENCED STANDARDS SHALL BE AS LISTED IN THE BUILDING CODE.
- DESIGN LOADS (CLUBHOUSE):

DEAD

ROOFING =	6	PSF
CEILING =	4	PSF
FLOORING =	10	PSF
MECHANICAL ALLOWANCE =	4	PSF
MISCELLANEOUS =	4	PSF

FLOOR LIVE

OFFICES =	50	PSF
KITCHENS =	150	PSF
DINING ROOMS =	100	PSF
LOBBIES =	100	PSF
STAIRWAYS =	100	PSF
CORRIDORS ON FIRST FLOOR =	100	PSF

ROOF LIVE

TRIBUTARY AREA: <= 200	20	PSF
200-600	INTERPOLATE	
>= 600	12	PSF

CONCENTRATED LOAD AT ANY POINT ON PRIMARY FRAMING MEMBERS (NON-CONCURRENT WITH UNIFORM LOAD) = 300 LBS

ROOF SNOW (ASCE 7-10)

SNOW EXPOSURE FACTOR (C_e) =	1.00	
THERMAL FACTOR (C_t) =	1.00	
SNOW IMPORTANCE FACTOR (I_s) =	1.00	
GROUND SNOW LOAD (P_g) =	30	PSF
FLAT ROOF SNOW LOAD (P_f) =	21	PSF
ROOF SLOPE FACTOR (C_s) =	0.83	
SLOPED ROOF SNOW LOAD (P_s) =	17.43	PSF

ROOF RAIN

MAXIMUM RAIN LOAD (LOW ELEVATION) =	47	PSF
MINIMUM RAIN LOAD (HIGH ELEVATION) =	10.4	PSF

WIND (ASCE 7-10)

3 SECOND GUST BASIC WIND SPEED (V_{ult}) =	115	MPH
3 SECOND GUST BASIC WIND SPEED (V_{asd}) =	90	MPH
RISK CATEGORY =	II	
NORTH-SOUTH WIND EXPOSURE CATEGORY =	C	
EAST-WEST WIND EXPOSURE CATEGORY =	C	
BUILDING CATEGORY: ENCLOSED		
INTERNAL PRESSURE COEFFICIENTS: +0.18		
-0.18		

COMPONENTS AND CLADDING LOADS:
NOTE - REFER TO ASCE 7 FOR ZONE DIAGRAMS

ZONE WIDTH (A) =	6.5	FT

NOTE - INTERPOLATE FOR EFFECTIVE WIND AREAS NOT SHOWN
ROOFS:

EFFECTIVE WIND AREA LESS THAN:	10	SQ FT
ZONE 1 =	28.9	PSF
	-31.5	PSF
ZONE 2 =	28.9	PSF
	-50.3	PSF
ZONE 3 =	28.9	PSF
	-36.9	PSF
EFFECTIVE WIND AREA GREATER THAN:	100	SQ FT
ZONE 1 =	26.2	PSF
	-26.2	PSF
ZONE 2 =	26.2	PSF
	-31.5	PSF
ZONE 3 =	26.2	PSF
	-31.5	PSF

WALLS:

EFFECTIVE WIND AREA LESS THAN:	10	SQ FT
ZONE 4 =	31.5	PSF
	-34.2	PSF
ZONE 5 =	31.5	PSF
	-42.2	PSF
EFFECTIVE WIND AREA GREATER THAN:	500	SQ FT
ZONE 4 =	23.5	PSF
	-26.2	PSF
ZONE 5 =	23.5	PSF
	-26.2	PSF

EARTHQUAKE (ASCE 7-10)

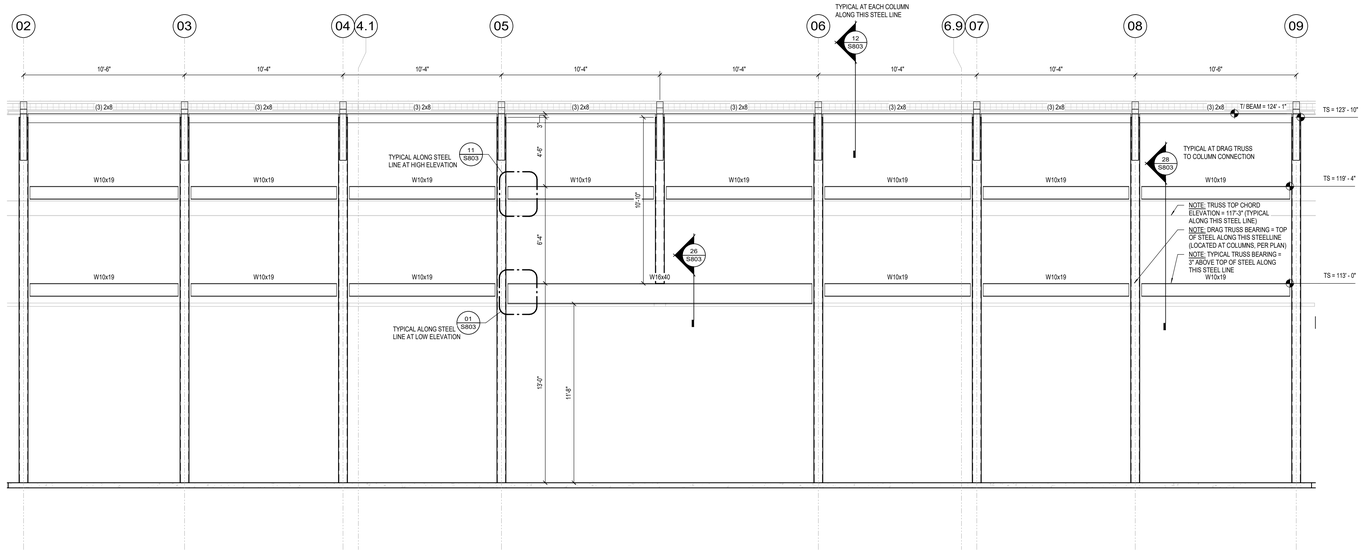
RISK CATEGORY =	II	
SEISMIC IMPORTANCE FACTOR, I_E =	1.00	
SHORT PERIOD MAPPED SPECTRAL RESPONSE (S_S) =	0.081	g
1 SECOND PERIOD MAPPED SPECTRAL RESPONSE (S_1) =	0.044	g
SITE CLASS =	C	
SHORT PERIOD DESIGN SPECTRAL RESPONSE (S_{DS}) =	0.065	g
1 SECOND PERIOD DESIGN SPECTRAL RESPONSE (S_{D1}) =	0.050	g
SEISMIC DESIGN CATEGORY =	A	
NORTH-SOUTH DESIGN BASE SHEAR =	1.32	K
EAST-WEST DESIGN BASE SHEAR =	1.32	K
NORTH-SOUTH SEISMIC RESPONSE COEFFICIENT (C_S) =	0.01	
EAST-WEST SEISMIC RESPONSE COEFFICIENT (C_S) =	0.01	
NORTH-SOUTH RESPONSE MODIFICATION FACTOR (R) =	6.5	
EAST-WEST RESPONSE MODIFICATION FACTOR (R) =	6.5	
ANALYSIS PROCEDURE =	ELF	

BASIC SEISMIC FORCE RESISTING SYSTEM
NORTH-SOUTH:
SYSTEM:BEARING WALL
TYPE:LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTENCE
EAST-WEST:
SYSTEM:BEARING WALL
TYPE:LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTENCE

- DESIGN LOADS (VENUE):

DEAD

ROOFING (UPPER ROOF) =	12	PSF
ROOFING (LOWER ROOF) =	6

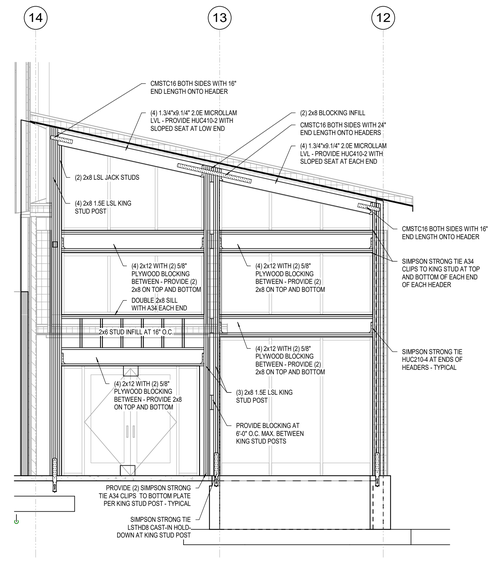


34 S401 VENUE NORTH MOMENT FRAME ELEVATION

SCALE: 1/4" = 1'-0"

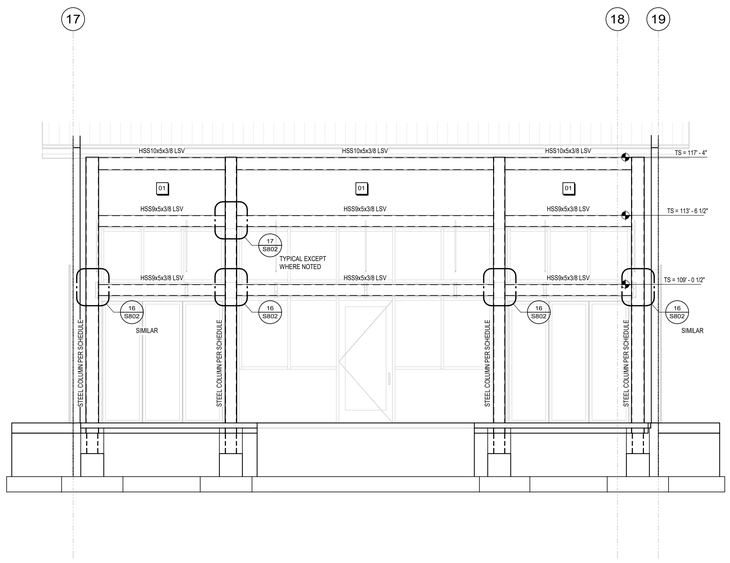
KEYNOTES

01 2x6 STUD INFILL FRAMING AT 16" O.C.



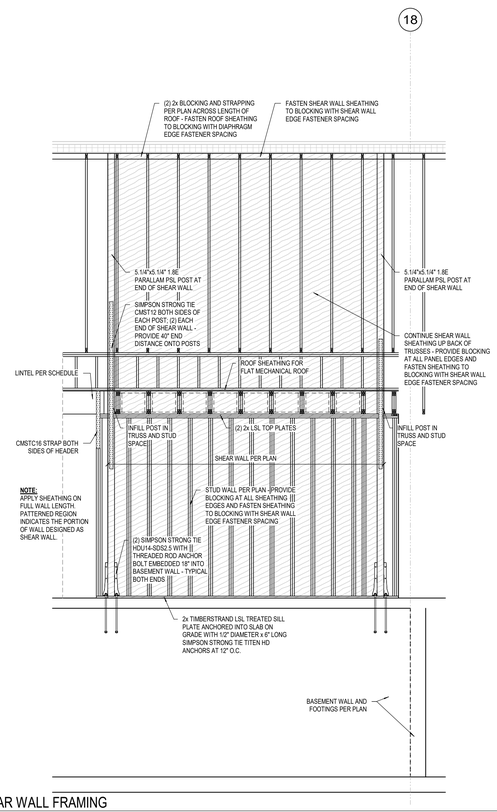
09 S401 ENTRY WALL FRAMING

SCALE: 1/4" = 1'-0"



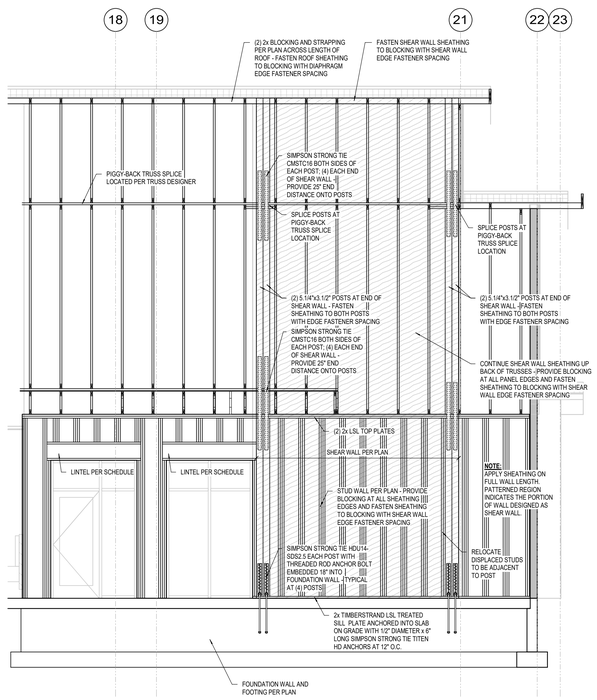
31 S401 CLUBHOUSE MOMENT FRAME ELEVATION

SCALE: 1/4" = 1'-0"



16 S401 SHEAR WALL FRAMING

SCALE: 1/4" = 1'-0"



06 S401 SHEAR WALL FRAMING

SCALE: 1/4" = 1'-0"

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ZCG

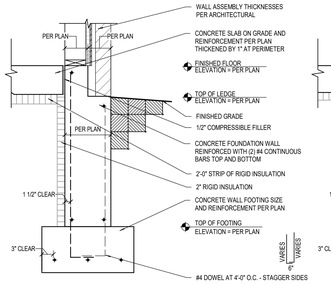
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FRAMING ELEVATIONS

S401

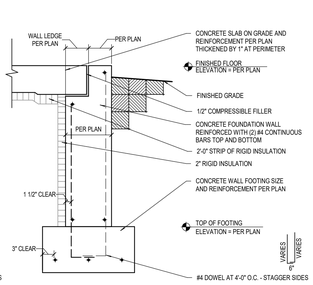
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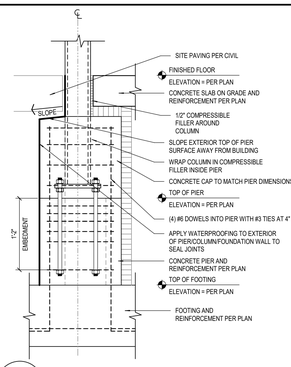
35 S801 EXTERIOR FOUNDATION WALL WITH LEDGE AND FOOTING

SCALE: 3/4" = 1'-0"



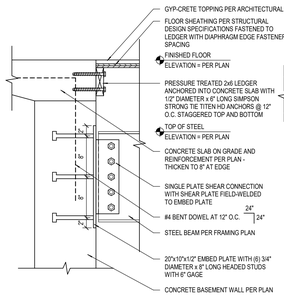
30 S801 EXTERIOR FOUNDATION WALL WITH LEDGE AND FOOTING

SCALE: 3/4" = 1'-0"



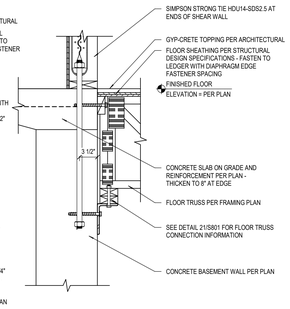
25 S801 CLUBHOUSE MOMENT FRAME PIERS

SCALE: 1" = 1'-0"



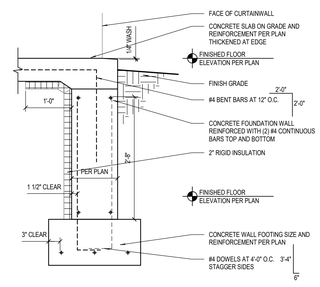
20 S801 STEEL BEAM CONNECTION TO CONCRETE WALL

SCALE: 1" = 1'-0"



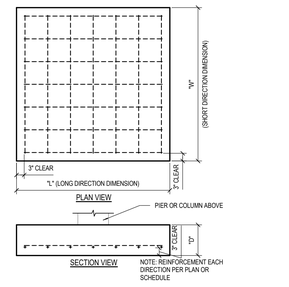
15 S801 TRUSS BEARING AT CONCRETE WALL

SCALE: 1" = 1'-0"



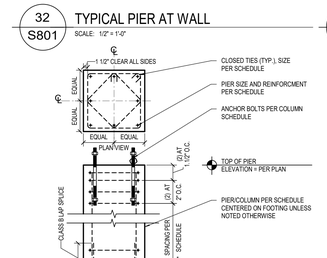
10 S801 DROPPED EXTERIOR FOUNDATION WALL AND FOOTING AT CURTAINWALL

SCALE: 3/4" = 1'-0"



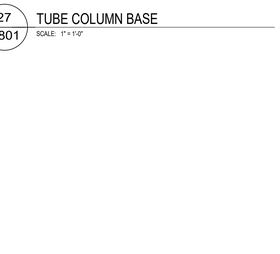
05 S801 SQUARE SPREAD FOOTING REBAR DISTRIBUTION

SCALE: 1/2" = 1'-0"



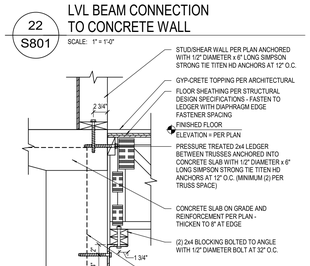
34 S801 THICKENED SLAB AT LOAD-BEARING WALL

SCALE: 1" = 1'-0"



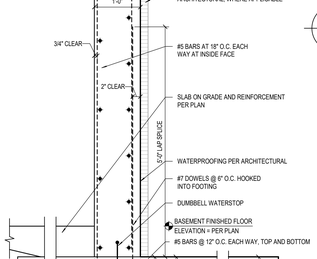
29 S801 CONCRETE WALL REINFORCEMENT AT FOOTING STEP

SCALE: 1" = 1'-0"



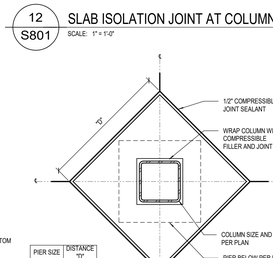
24 S801 INTERIOR SHEAR WALL FOOTING

SCALE: 3/4" = 1'-0"



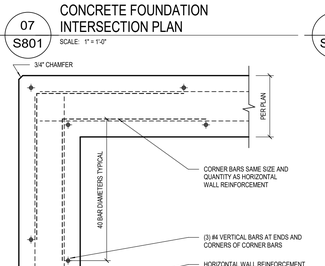
18 S801 BASEMENT WALL SECTION

SCALE: 3/4" = 1'-0"



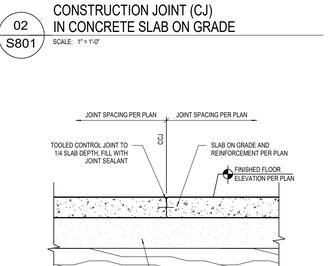
14 S801 INTERIOR SHEAR WALL FOOTING

SCALE: 3/4" = 1'-0"



09 S801 CONCRETE BASEMENT WALL INSIDE CORNER PLAN

SCALE: 1" = 1'-0"



04 S801 CONCRETE STOOP

SCALE: 1/2" = 1'-0"

33 S801 TYPICAL PIER AT CORNER

SCALE: 1/2" = 1'-0"

28 S801 TUBE COLUMN WITH FIXED BASE

SCALE: 1" = 1'-0"

23 S801 TRUSS BEARING AT EXTERIOR WALL

SCALE: 1" = 1'-0"

18 S801 BASEMENT WALL SECTION

SCALE: 3/4" = 1'-0"

13 S801 FOOTING REINFORCEMENT AT FOOTING ELEVATION STEP

SCALE: 1" = 1'-0"

08 S801 CONCRETE FOUNDATION WALL OUTSIDE CORNER PLAN

SCALE: 1" = 1'-0"

02 S801 CONSTRUCTION JOINT (CJ) IN CONCRETE SLAB ON GRADE

SCALE: 1" = 1'-0"

31 S801 TYPICAL INTERIOR PIER

SCALE: 3/4" = 1'-0"

27 S801 TUBE COLUMN BASE

SCALE: 1" = 1'-0"

22 S801 LVL BEAM CONNECTION TO CONCRETE WALL

SCALE: 1" = 1'-0"

16 S801 BASEMENT WALL SECTION

SCALE: 3/4" = 1'-0"

11 S801 SLAB ISOLATION JOINT AT COLUMN

SCALE: 1" = 1'-0"

06 S801 CONCRETE FOUNDATION CORNER PLAN

SCALE: 1" = 1'-0"

01 S801 CRACK CONTROL JOINT (CCJ) IN CONCRETE SLAB ON GRADE

SCALE: 1" = 1'-0"

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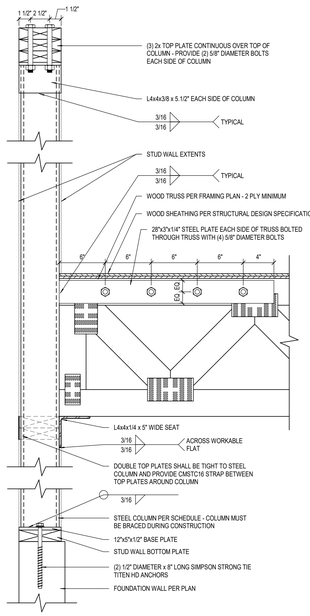
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STRUCTURAL DETAILS

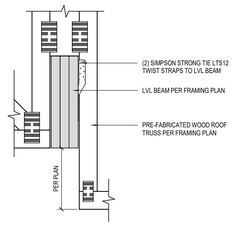
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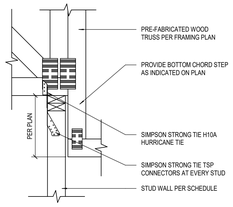
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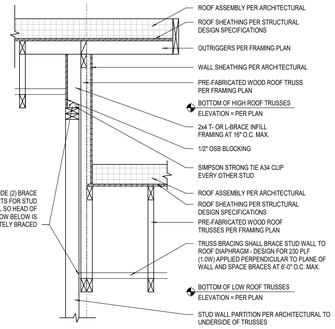
34 S802 PARAPET COLUMN CONNECTION
SCALE: 1 1/2" = 1'-0"



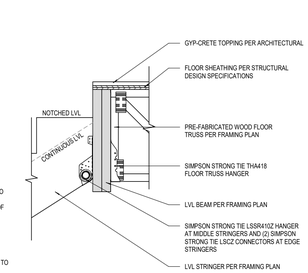
30 S802 ROOF TRUSSES AT FLUSH BEAM
SCALE: 1" = 1'-0"



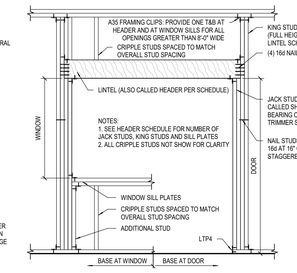
25 S802 TRUSS BEARING AT INTERIOR WALL
SCALE: 1" = 1'-0"



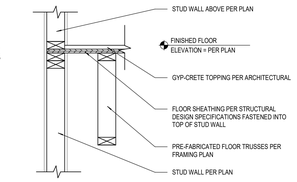
20 S802 SHED ROOF DORMER SIDE WALL FRAMING
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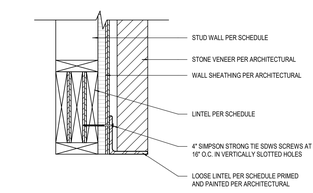
15 S802 STRINGER TOP CONNECTION
SCALE: 1" = 1'-0"



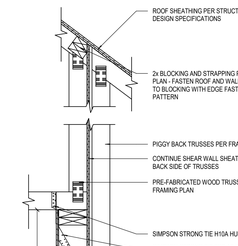
10 S802 WOOD STUD FRAMED WALL PENETRATION FRAMING
SCALE: 1/2" = 1'-0"



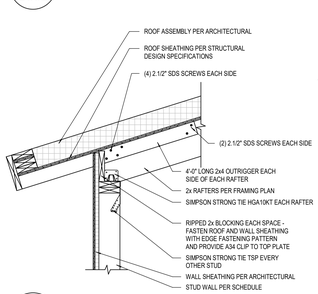
05 S802 FLOOR CONNECTION AT STUD WALL
SCALE: 1" = 1'-0"



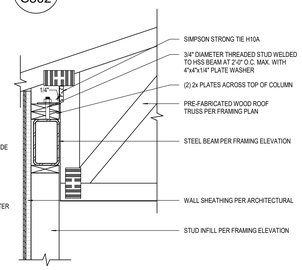
33 S802 LOOSE LINTEL CONNECTION
SCALE: 1 1/2" = 1'-0"



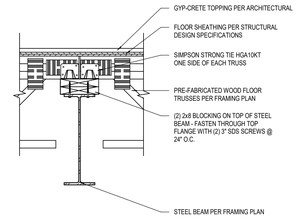
29 S802 ROOF TRUSSES AT BEAM
SCALE: 1" = 1'-0"



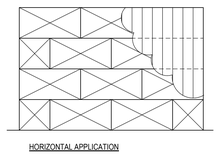
24 S802 RAFTER LOW CONNECTION TO WALL
SCALE: 3/4" = 1'-0"

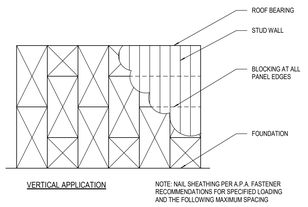


19 S802 ROOF TRUSS CONNECTION TO STEEL BEAM
SCALE: 1" = 1'-0"

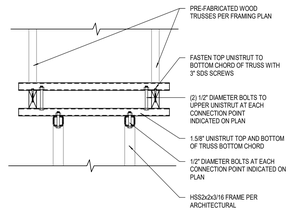


14 S802 FLOOR TRUSS CONNECTION TO STEEL BEAM
SCALE: 1" = 1'-0"

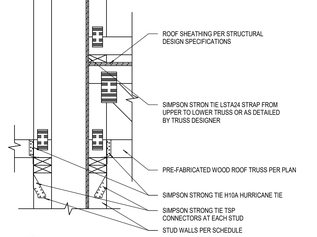




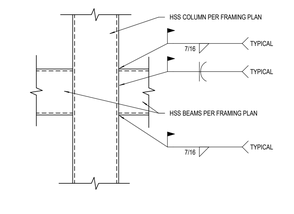
09 S802 SHEAR WALL SHEATHING APPLICATION DIAGRAM
SCALE: 1/8" = 1'-0"



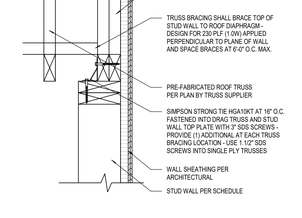
32 S802 ROOF TRUSSES AT BEAM
SCALE: 1" = 1'-0"



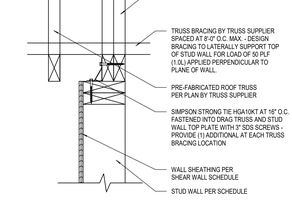
27 S802 TRUSS BEARING AT INTERIOR WALL
SCALE: 1" = 1'-0"



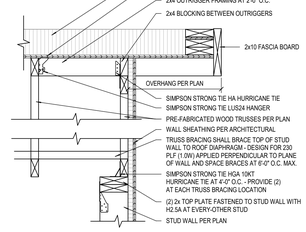
18 S802 DRAG STRUT CONNECTION TO STEEL COLUMN
SCALE: 1" = 1'-0"



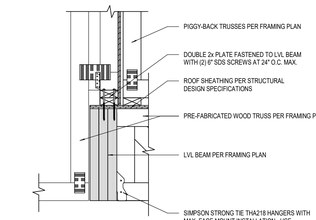
12 S802 ROOF HEIGHT CHANGE
SCALE: 1" = 1'-0"



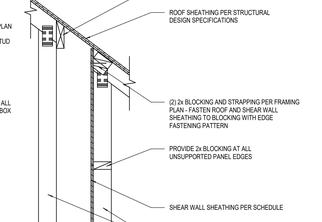
08 S802 TRUSS BEARING AT EXTERIOR WALL
SCALE: 1" = 1'-0"



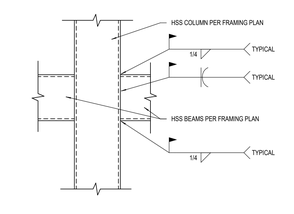
03 S802 FLAT TRUSS WITH PARAPET FRAMING
SCALE: 1" = 1'-0"



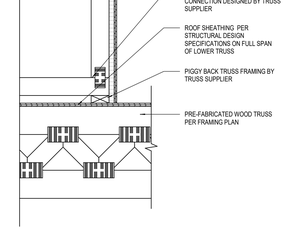
32 S802 ROOF TRUSSES AT BEAM
SCALE: 1" = 1'-0"



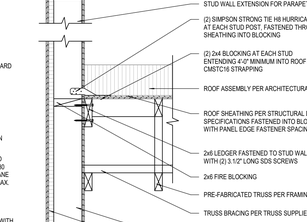
22 S802 TRUSS TOP DETAIL
SCALE: 1" = 1'-0"



17 S802 TYPICAL HSS MOMENT CONNECTION
SCALE: 1" = 1'-0"

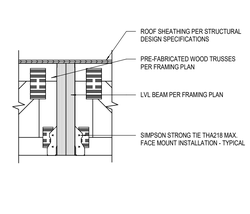


07 S802 GABLE TRUSS TO WALL CONNECTION
SCALE: 1" = 1'-0"



02 S802 STUD WALL PARAPET EXTENSION
SCALE: 1" = 1'-0"

31 S802 BAR TV FRAME SUPPORT
SCALE: 1" = 1'-0"



26 S802 TRUSSES BEARING AT BEAM
SCALE: 1" = 1'-0"

21 S802 TRUSSES BEARING AT DOUBLE WALL
SCALE: 1" = 1'-0"

16 S802 HIGH CAPACITY HSS MOMENT CONNECTION
SCALE: 1" = 1'-0"

11 S802 GABLE TRUSS CONNECTION TO SHEAR WALL
SCALE: 1 1/2" = 1'-0"

06 S802 DRAG TRUSS CONNECTION TO SHEAR WALL
SCALE: 1 1/2" = 1'-0"

01 S802 GABLE TRUSS TO WALL CONNECTION
SCALE: 1" = 1'-0"

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JAD

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ZCG

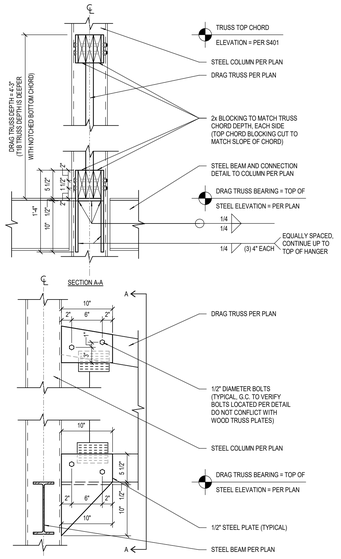
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JTR

STRUCTURAL DETAILS

S802

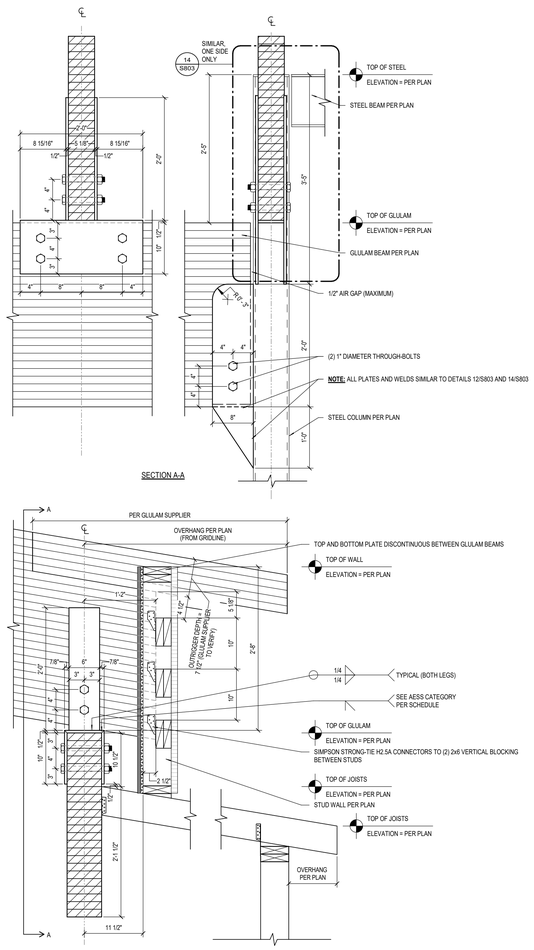
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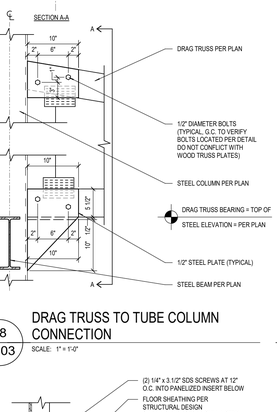
28 S803 DRAG TRUSS TO TUBE COLUMN CONNECTION

SCALE: 1" = 1'-0"



23 S803 GLULAM OVERHANG AT GLULAM HEADER

SCALE: 1" = 1'-0"



27 S803 SHEAR WALL AT MECHANICAL ROOF

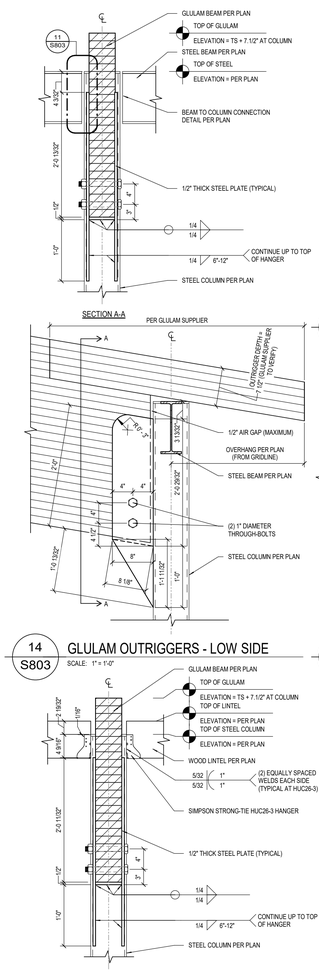
SCALE: 1" = 1'-0"

22 S803 TRELLIS BEAM CONNECTION TO COLUMN

SCALE: 1" = 1'-0"

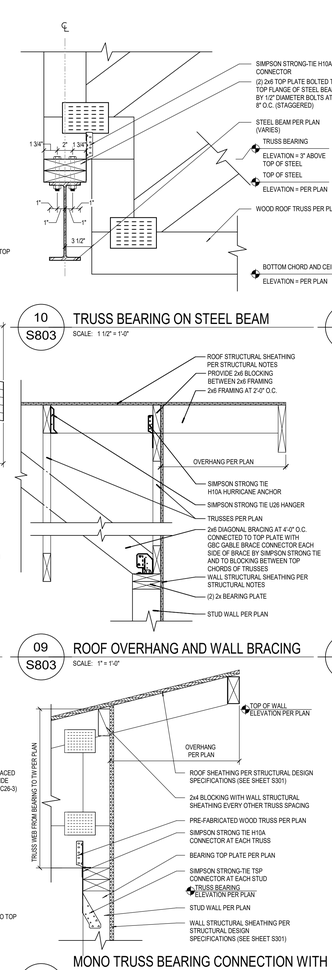
17 S803 TRELLIS JOIST TOP CONNECTION

SCALE: 1" = 1'-0"



12 S803 GLULAM OUTRIGGERS - HIGH SIDE

SCALE: 1" = 1'-0"

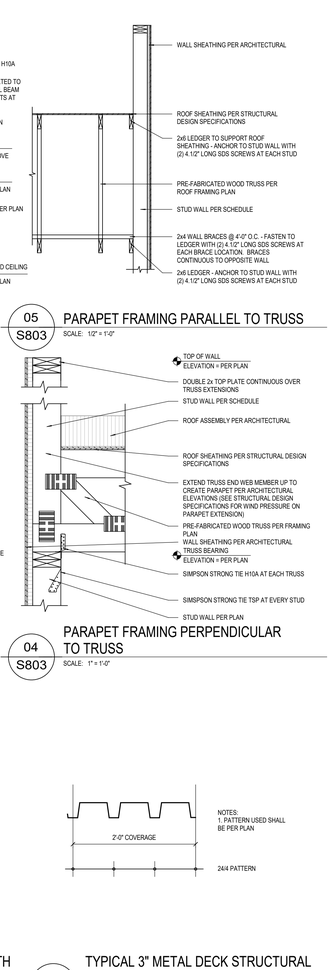


08 S803 MONO TRUSS BEARING CONNECTION WITH HIGH OVERHANG

SCALE: 1 1/2" = 1'-0"

07 S803 TRUSS BEARING CONNECTION WITH STANDARD OVERHANG

SCALE: 1 1/2" = 1'-0"



05 S803 PARAPET FRAMING PARALLEL TO TRUSS

SCALE: 1/2" = 1'-0"

PARAPET FRAMING PERPENDICULAR TO TRUSS

04 S803

SCALE: 1" = 1'-0"

14 S803 GLULAM OUTRIGGERS - LOW SIDE

SCALE: 1" = 1'-0"

09 S803 ROOF OVERHANG AND WALL BRACING

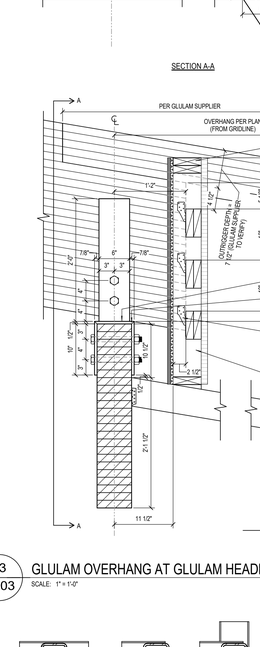
SCALE: 1" = 1'-0"

03 S803 TYPICAL 3" METAL DECK STRUCTURAL FASTENER PATTERN

SCALE: 1" = 1'-0"

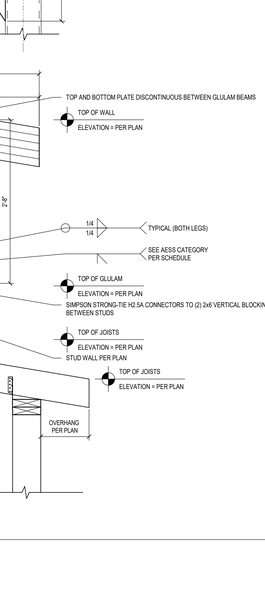
26 S803 TUBE COLUMN TO TOP OF BEAM

SCALE: 1 1/2" = 1'-0"



21 S803 WALL BEARING AT GIRDER TRUSS

SCALE: 1 1/2" = 1'-0"

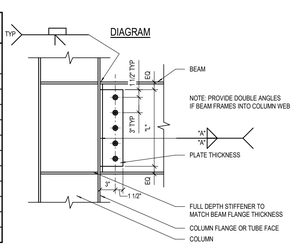


16 S803 TRELLIS JOIST CONNECTION TO BEAM

SCALE: 1" = 1'-0"

SINGLE PLATE BEAM TO COLUMN MOMENT CONNECTION SCHEDULE FOR 3/4" DIAMETER BOLTS

BEAM SIZE	"N" NUMBER OF A325-N BOLTS	"L" PLATE LENGTH (INCHES)	"T" PLATE THICKNESS (INCHES)	"A" WELD SIZE (INCHES)
W8, W10	2	6	1/4	3/16
W12, W14	3	9	1/4	3/16
W16	4	12	5/16	1/4
W18	5	15	5/16	1/4
W21, W24	6	18	5/16	1/4
W27	7	21	5/16	1/4
W30	8	24	5/16	1/4
W33	9	27	5/16	1/4
W36	10	30	5/16	1/4
W40	11	33	5/16	1/4
W44	12	36	5/16	1/4

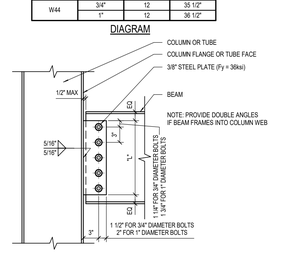


11 S803 BEAM TO COLUMN MOMENT CONNECTION

SCALE: 1" = 1'-0"

SINGLE PLATE SHEAR CONNECTION SCHEDULE

BEAM SIZE	"D" BOLT DIAMETER (INCHES)	"N" NUMBER OF A325-N BOLTS	"L" PLATE LENGTH (INCHES)
W8	3/4"	2	5 1/2"
	1"	N/A	NA
W10	3/4"	2	5 1/2"
	1"	2	6 1/2"
W12	3/4"	3	8 1/2"
	1"	3	9 1/2"
W14	3/4"	3	8 1/2"
	1"	3	9 1/2"
W16	3/4"	4	11 1/2"
	1"	4	12 1/2"
W18	3/4"	5	14 1/2"
	1"	5	15 1/2"
W21	3/4"	6	17 1/2"
	1"	6	18 1/2"
W24	3/4"	7	20 1/2"
	1"	6	18 1/2"
W27	3/4"	8	23 1/2"
	1"	7	21 1/2"
W30	3/4"	9	26 1/2"
	1"	8	24 1/2"
W33	3/4"	10	29 1/2"
	1"	9	27 1/2"
W36	3/4"	10	29 1/2"
	1"	10	30 1/2"
W40	3/4"	11	32 1/2"
	1"	11	33 1/2"
W44	3/4"	12	35 1/2"
	1"	12	36 1/2"



01 S803 SINGLE PLATE SHEAR CONNECTION SCHEDULE AND DIAGRAM

SCALE: 1" = 1'-0"

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APPROVED BY
JAD

REVIEWED BY
ZCG

DRAWN BY
JTR

STRUCTURAL DETAILS

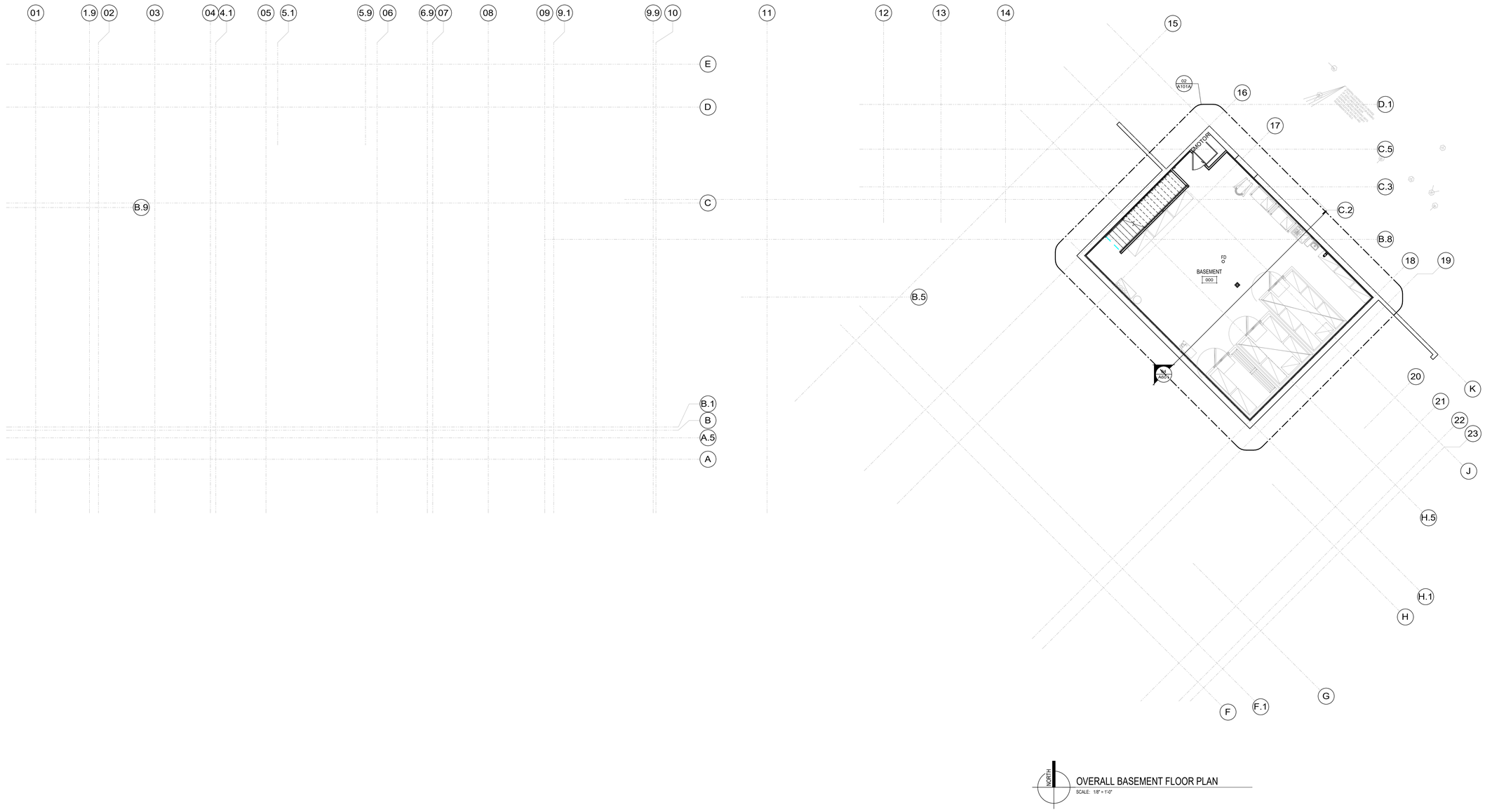
S803

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FLOOR PLAN GENERAL NOTES

1. ALL AREAS OUTSIDE OF WHAT IS SHOWN HERE ARE UNEXCAVATED



NORTH

OVERALL BASEMENT FLOOR PLAN

SCALE: 1/8" = 1'-0"

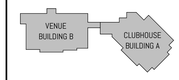
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KEYPLAN



TRUE NORTH

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JAD

REVIEWED BY
AJR

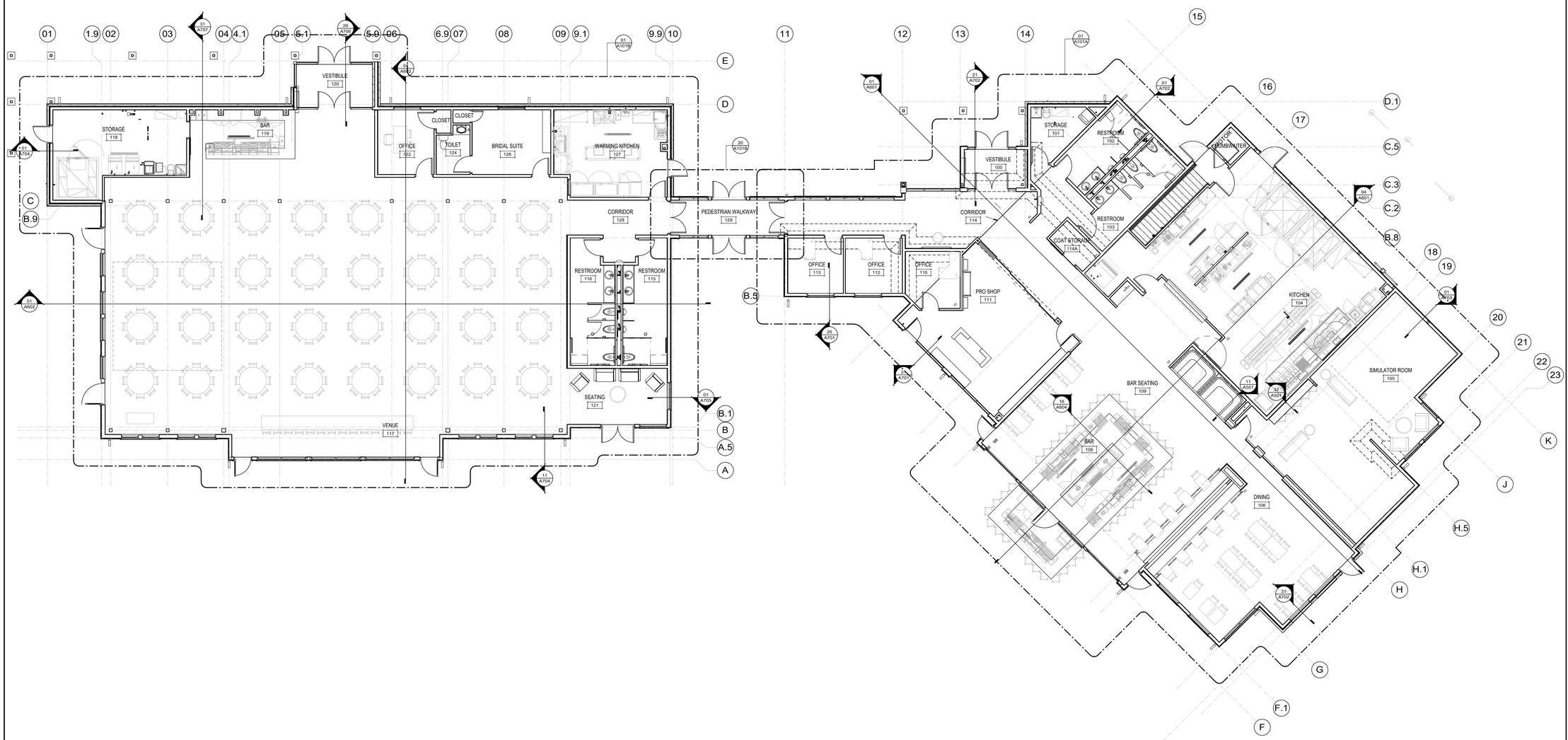
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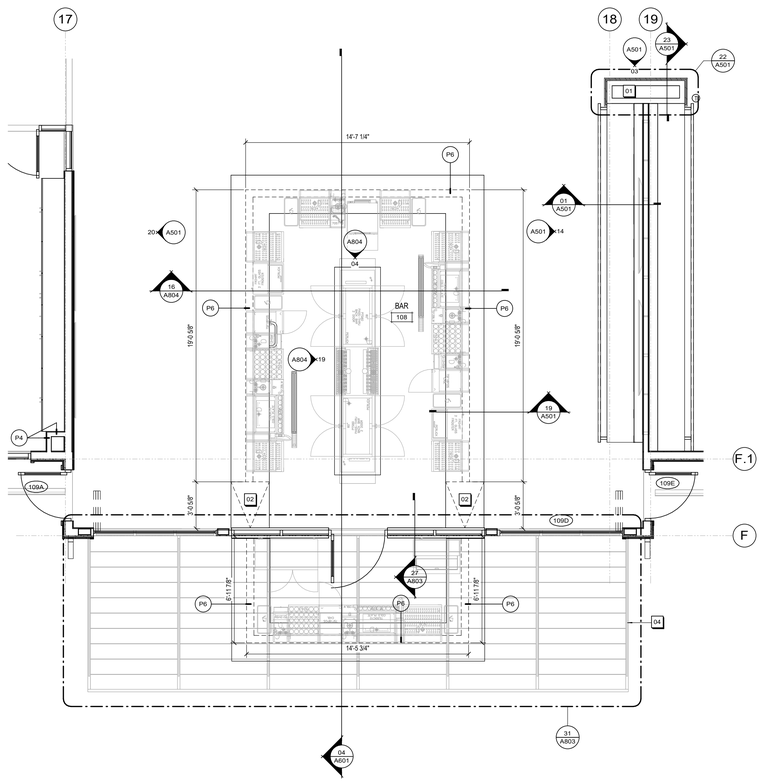
OVERALL BASEMENT FLOOR PLAN

A100

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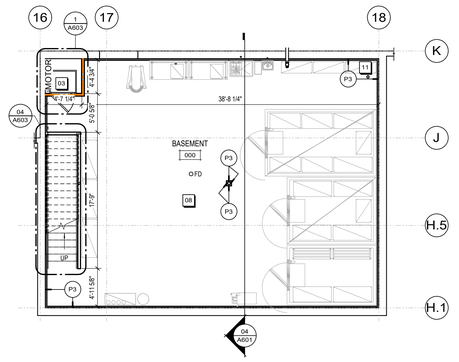

STORAGE 118
BAR 119
VESTIBULE 120
OFFICE 122
CLOSET
CLOSET
TOILET 124
BRIDAL SUITE 126
WARMING KITCHEN 127
CORRIDOR 128
PEDESTRIAN WALKWAY 129
RESTROOM 116
RESTROOM 115
SEATING 121
VENUE 117
OFFICE 113
OFFICE 112
OFFICE 110
PRO SHOP 111
VESTIBULE 100
CORRIDOR 114
STORAGE 101
RESTROOM 102
RESTROOM 103
COAT STORAGE 114A
ELEVATOR
KITCHEN 104
SIMULATOR ROOM 105
BAR SEATING 109
BAR 108
DINING 106
01 A101B
01 A101A
01 A702
01 A703
01 A704
01 A705
01 A602
01 A603
01 A701
01 A901
01 A902
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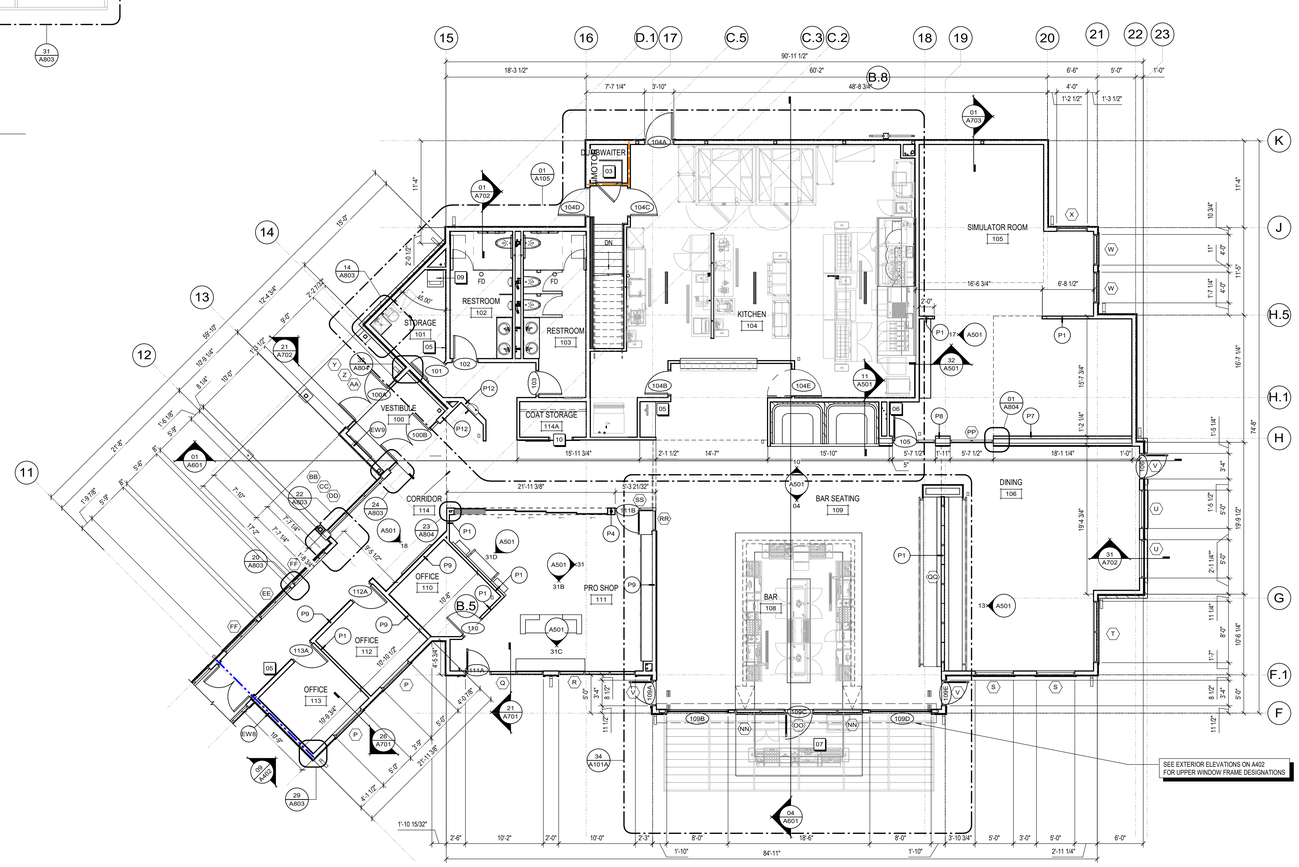
CLUBHOUSE BAR ENLARGED PLAN

SCALE: 1/4" = 1'-0"



02 A101A CLUBHOUSE BASEMENT PLAN

SCALE: 1/8" = 1'-0"



01 A101A CLUBHOUSE FLOOR PLAN

SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL DOOR FRAMES SHALL BE LOCATED 3" OFF ADJACENT WALLS UNLESS NOTED OTHERWISE.
2. REFER TO WALL TYPES SCHEDULE FOR WALL CONSTRUCTION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR PENETRATIONS THROUGH WALL.
4. WALL CONSTRUCTION IS DIMENSIONED FROM STUD TO STUD, SEE FLOOR PLAN FOR APPLICABLE DIMENSIONS.
5. FIRE EXTINGUISHER CABINETS (FEC) SHALL BE SEMI-RECESSED IN WALLS.
6. REFER TO EXTERIOR BUILDING ELEVATIONS FOR EXTERIOR WINDOW TYPES DENOTED AS:
7. KITCHEN EQUIPMENT DESIGNED AND SUPPLIED BY BOELTER

KEYNOTES

01 PLANTER BOX

02 DROP DOWN QUARTZ COUNTER FOR BAR ENTRANCE/EXIT

03 DUMBWAITER (1-HR RATED DOOR AND HARDWARE ON EACH FLOOR) SUPPLIED BY DUMBWAITER MANUFACTURER

04 ALUMINUM TRELLIS

05 FULLY RECESSED FIRE EXTINGUISHER CABINET

06 GENERAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON ACCESS PANEL INSULATION WITH FINISHES FOR PLUMBING DOMESTIC SUPPLIES. PANEL COLOR TO MATCH ADJACENT WALL COLOR.

07 GENERAL CONTRACTOR TO COORDINATE WITH FACILITY MANAGEMENT ON SEASONAL REMOVAL OF BAR EQUIPMENT AND SHUT OFFS

08 GENERAL CONTRACTOR SHALL COORDINATE WITH THE STRUCTURAL DRAWINGS FOR DRAIN TILE DESIGN REQUIREMENTS AND THE FINAL LOCATION OF THE LIFT STATION. THE FINAL DRAIN SYSTEM DESIGN SHALL COMPLY WITH ALL APPLICABLE WISCONSIN CODE SECTIONS THAT APPLY. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR LIFT STATION REQUIREMENTS.

09 WASHER AND DRYER - COORDINATE FINAL LOCATION OF THE AUTOMATIC CLOTHES WASHER AND DRYER WITH GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR AND OWNER.

10 EXISTING BARN DOOR AND HARDWARE TO BE SALVAGED AND RE-USED. GC TO VERIFY EXISTING DOOR SIZE & NEW OPENING REQUIREMENTS IN-FIELD.

11 LIFT STATION, COORDINATE FINAL LOCATION WITH PLUMBING CONTRACTOR

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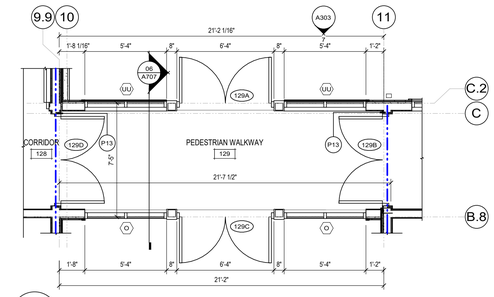
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FIRST FLOOR PLAN - CLUBHOUSE BUILDING A

A101A

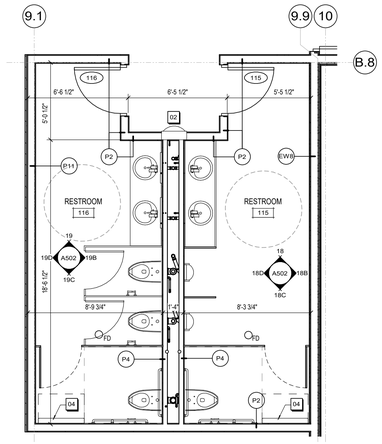
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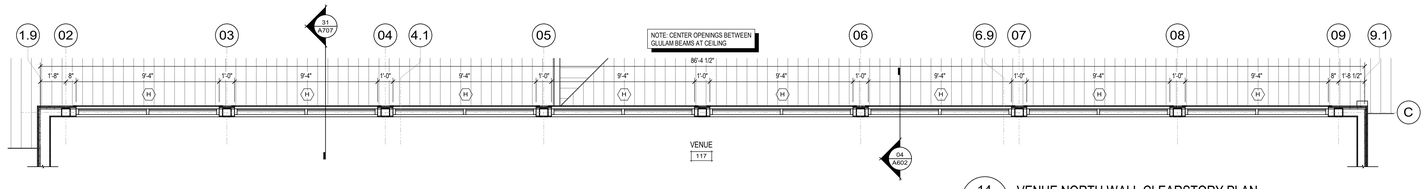
20 A101B VENUE PEDESTRIAN WALKWAY ENLARGED PLAN

SCALE: 1/4" = 1'-0"



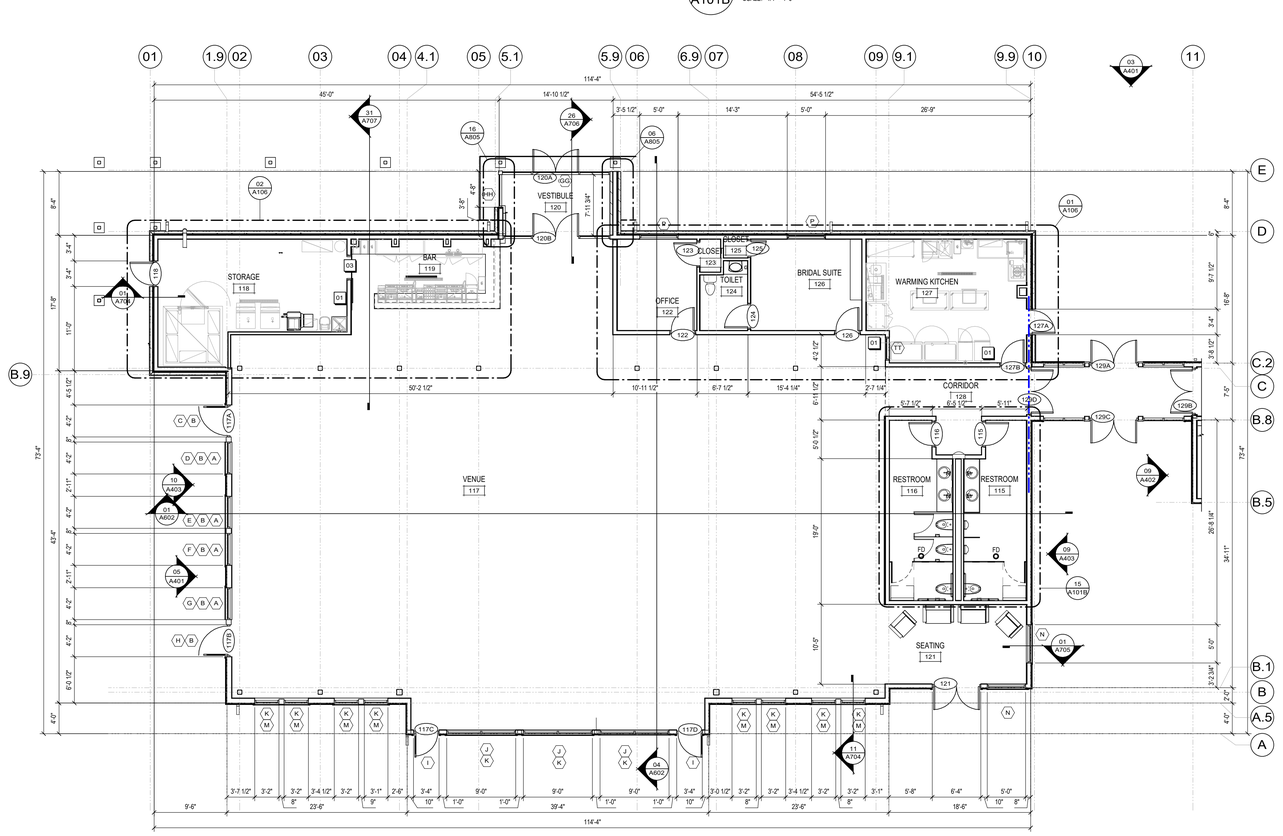
15 A101B VENUE RESTROOM ENLARGED PLAN

SCALE: 1/4" = 1'-0"



14 A101B VENUE NORTH WALL CLEARSTORY PLAN

SCALE: 1/4" = 1'-0"



01 A101B VENUE FLOOR PLAN

SCALE: 1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL DOOR FRAMES SHALL BE LOCATED 3" OFF ADJACENT WALLS UNLESS NOTED OTHERWISE.
2. REFER TO WALL TYPES SCHEDULE FOR WALL CONSTRUCTION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR PENETRATIONS THROUGH WALL.
4. WALL CONSTRUCTION IS DIMENSIONED FROM STUD TO STUD, SEE FLOOR PLAN FOR APPLICABLE DIMENSIONS.
5. FIRE EXTINGUISHER CABINETS (FEC) SHALL BE SEMI-RECESSED IN WALLS.
6. REFER TO EXTERIOR BUILDING ELEVATIONS FOR EXTERIOR WINDOW TYPES DENOTED AS:
7. KITCHEN EQUIPMENT DESIGNED AND SUPPLIED BY BOELTER

KEYNOTES

01 FULLY RECESSED FIRE EXTINGUISHER CABINET

02 IN WALL BOTTLE FILLING STATION

03 EXISTING BARN DOOR AND HARDWARE TO BE SALVAGED AND RE-USED. GC TO VERIFY EXISTING DOOR SIZE & NEW OPENING REQUIREMENTS IN-FIELD.

04 NEW WALL-MOUNTED BABY CHANGING STATION

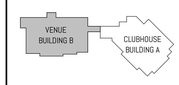
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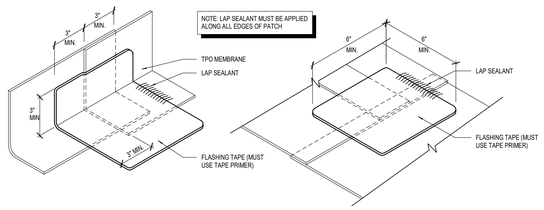
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FIRST FLOOR PLAN - VENUE BUILDING B

A101B

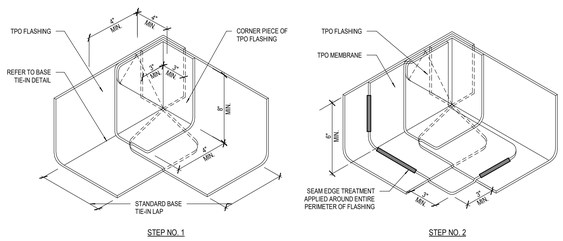
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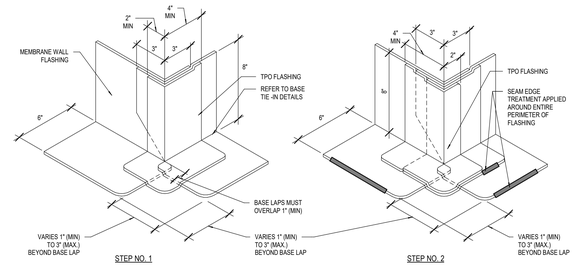
03 A102 END LAP AND T-JOINT

SCALE: 1 1/2" = 1'-0"



02 A102 INSIDE CORNER FLASHING

SCALE: 1 1/2" = 1'-0"



01 A102 OUTSIDE CORNER FLASHING

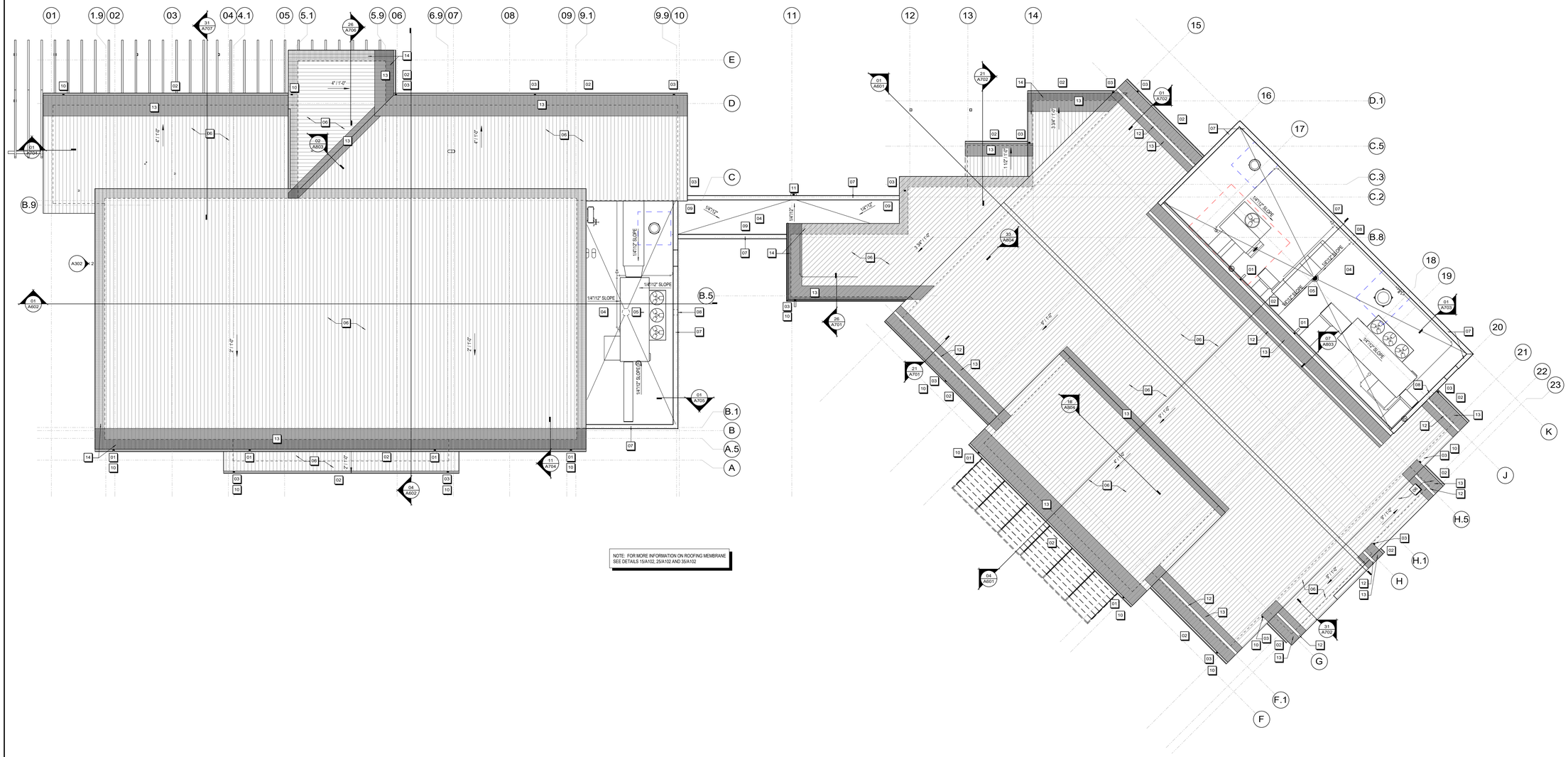
SCALE: 1" = 1'-0"

ROOF PLAN GENERAL NOTES

1. REFER TO ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR PENETRATIONS THROUGH ROOF. GENERAL CONTRACTOR SHALL FLASH ROOF PENETRATIONS AND MECHANICAL SUPPORTS IN ACCORDANCE WITH THE DRAWINGS AND THE MANUFACTURER'S RECOMMENDATIONS TO OBTAIN ROOF WARRANTY.
2. ALL ROOF PENETRATING OBJECTS SHALL BE PAINTED TO MATCH COLOR OF THE ROOF.
3. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROOF CURB BLOCKING AND LEVELING OF CURB TOPS.

KEYNOTES

01	METAL DOWNSPOUT 3" x 4" RECTANGULAR, COLOR - WHITE
02	5" METAL GUTTER - STYLE PER SPECIFICATIONS - COLOR TO MATCH FASCIA BOARD THAT IT'S INSTALLED ON
03	METAL DOWNSPOUT 3" x 4" RECTANGULAR, COLOR - BLACK
04	FULLY ADHERED TPO ROOFING MEMBRANE OVER TAPERED POLYISOCYANURATE INSULATION
05	ROOF DRAIN. REFER TO DETAIL 36/A501
06	METAL STANDING SEAM ROOF PANELS - PROVIDE ICE GUARDS PER MANUFACTURERS RECOMMENDATIONS
07	METAL COPING CAP
08	THROUGH WALL OVERFLOW SCUPPER, REFER TO DETAIL 08/A803
09	TAPER FOR POSITIVE DRAINAGE TOWARDS SCUPPER
10	DOWNSPOUT TO DRAIN BELOW GRADE
11	THROUGH WALL SCUPPER WITH LEADER, REFER TO DETAIL 23/A804
12	SNOW GUARD LOCATIONS - ROOFING CONTRACTOR TO PROVIDE SNOW GUARDS PER INSTALLATION GUIDELINES
13	ICE AND WATERSHIELD PER SPECIFICATIONS
14	EXTENTS OF WOODTONE (WOOD GRAIN) HARDIE PANEL SOFFITS. AREAS SHOWN AS:



ROOF PLAN

SCALE: 1/8" = 1'-0"

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ROOF PLAN

A102

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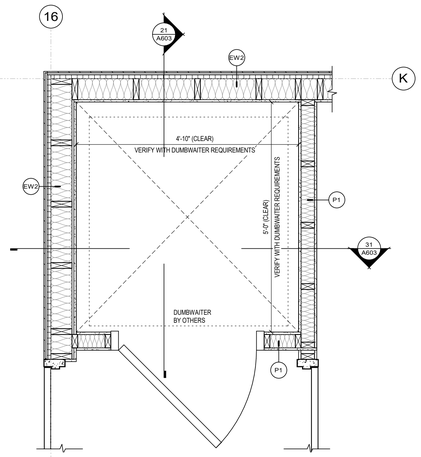
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FLOOR PLAN GENERAL NOTES

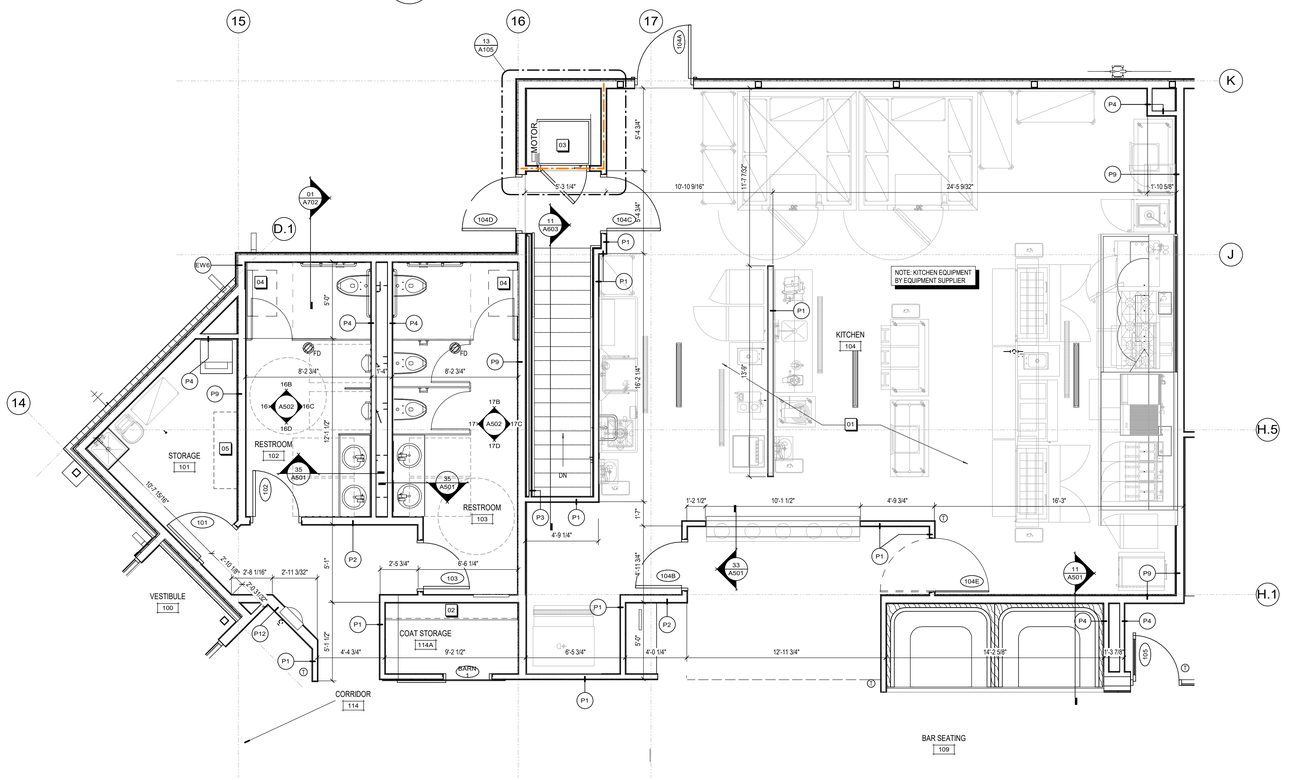
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6. REFER TO EXTERIOR BUILDING ELEVATIONS FOR EXTERIOR WINDOW TYPES DENOTED AS:
7. KITCHEN EQUIPMENT DESIGNED AND SUPPLIED BY BOELTER

KEYNOTES

01 CONTRACTOR TO CONNECT ALL KITCHEN EQUIPMENT
02 15" SHELF AND POLE
03 DUMBWAITER (1-HR RATED DOOR AND HARDWARE ON EACH FLOOR) SUPPLIED BY DUMBWAITER MANUFACTURER
04 NEW WALL-MOUNTED BABY CHANGING STATION
05 NEW OFOI FOLDING TABLE



13 A105 ENLARGED FIRST FLOOR DUMBWAITER PLAN
SCALE: 3/4" = 1'-0"



01 A105 KITCHEN AND RESTROOMS - CLUBHOUSE
SCALE: 1/4" = 1'-0"

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DRAWN BY
JPS

ENLARGED FLOOR PLANS - CLUBHOUSE BUILDING A

A105

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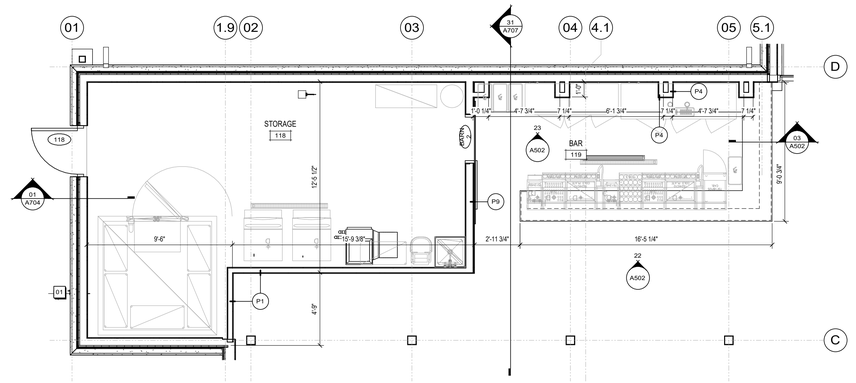
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FLOOR PLAN GENERAL NOTES

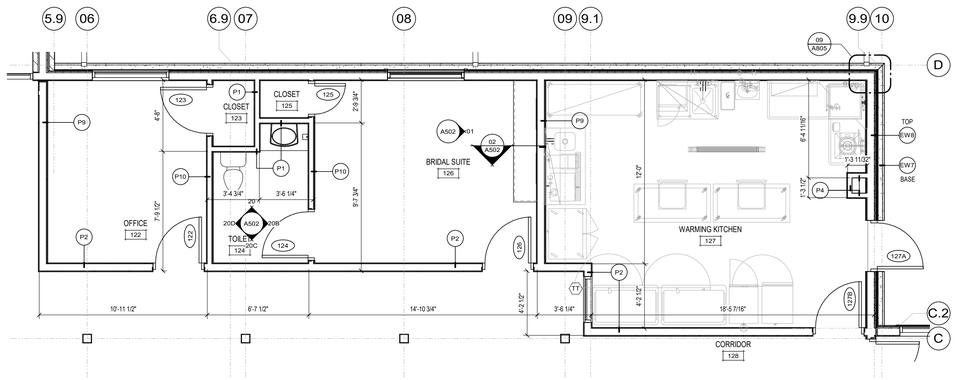
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6. REFER TO EXTERIOR BUILDING ELEVATIONS FOR EXTERIOR WINDOW TYPES DENOTED AS:
7. KITCHEN EQUIPMENT DESIGNED AND SUPPLIED BY BOELTER

KEYNOTES

01 HOSE BIBB - VERIFY FINAL HEIGHT AND LOCATION WITH PLUMBING CONTRACTOR



02 A106 VENUE BAR ENLARGED PLAN
SCALE: 1/4" = 1'-0"



01 A106 VENUE BRIDAL SUITE ENLARGED PLAN
SCALE: 1/4" = 1'-0"

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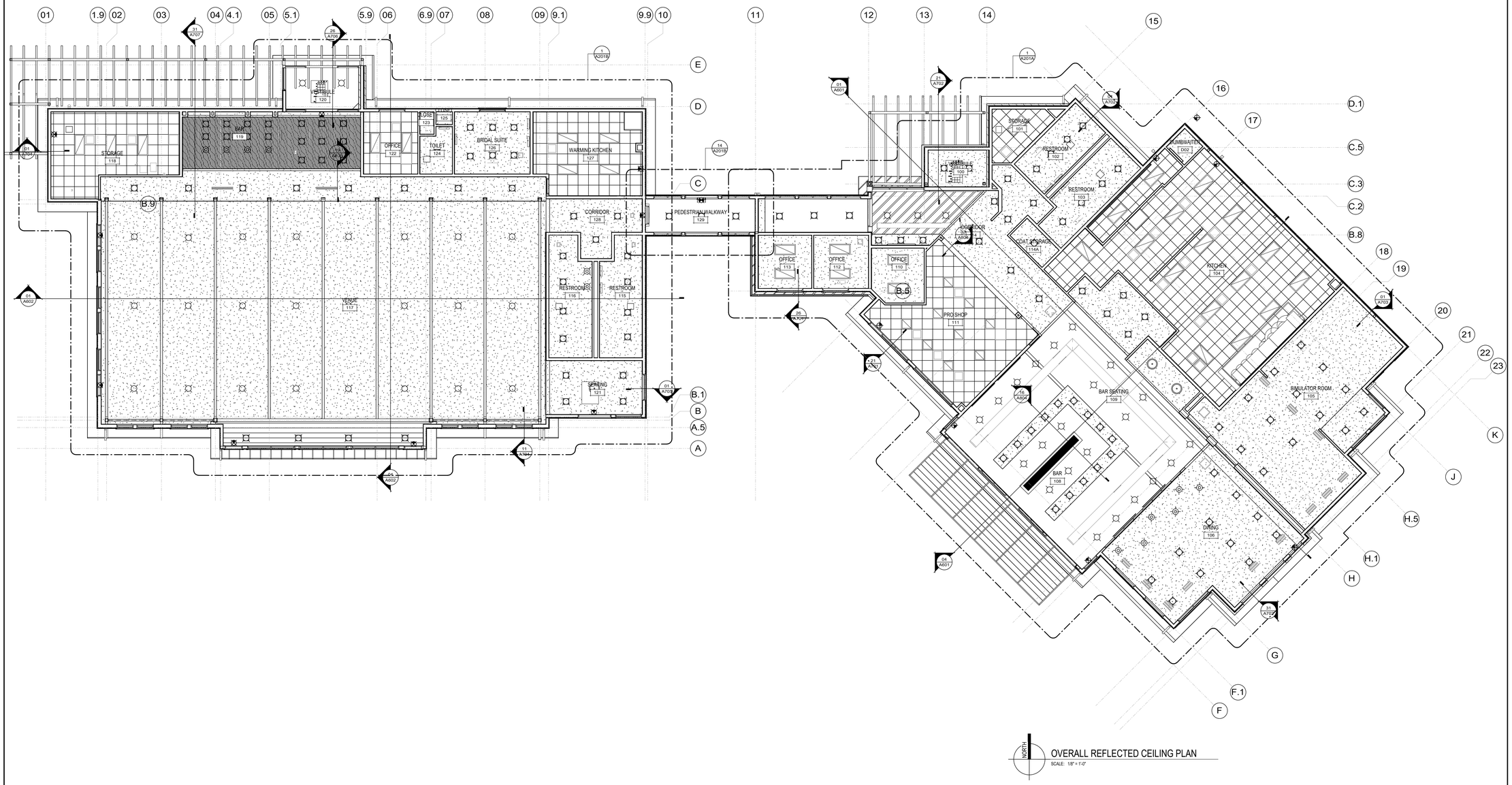
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ENLARGED FLOOR PLANS - VENUE BUILDING B

A106

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NORTH

OVERALL REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

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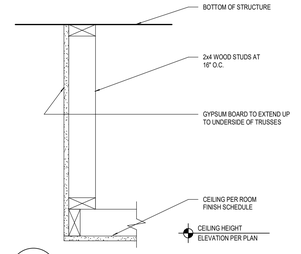
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OVERALL FIRST FLOOR REFLECTED CEILING PLAN

A201

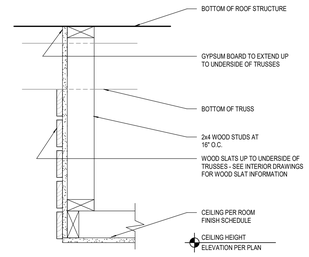
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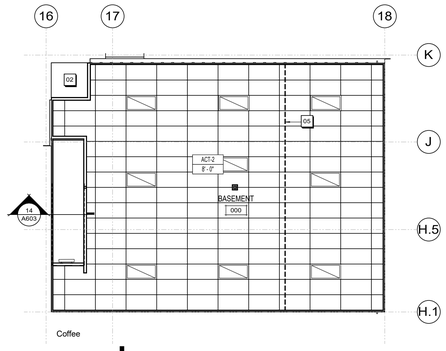
30 A201A SOFFIT DETAIL - CLUBHOUSE

SCALE: 1 1/2" = 1'-0"



29 A201A SOFFIT DETAIL

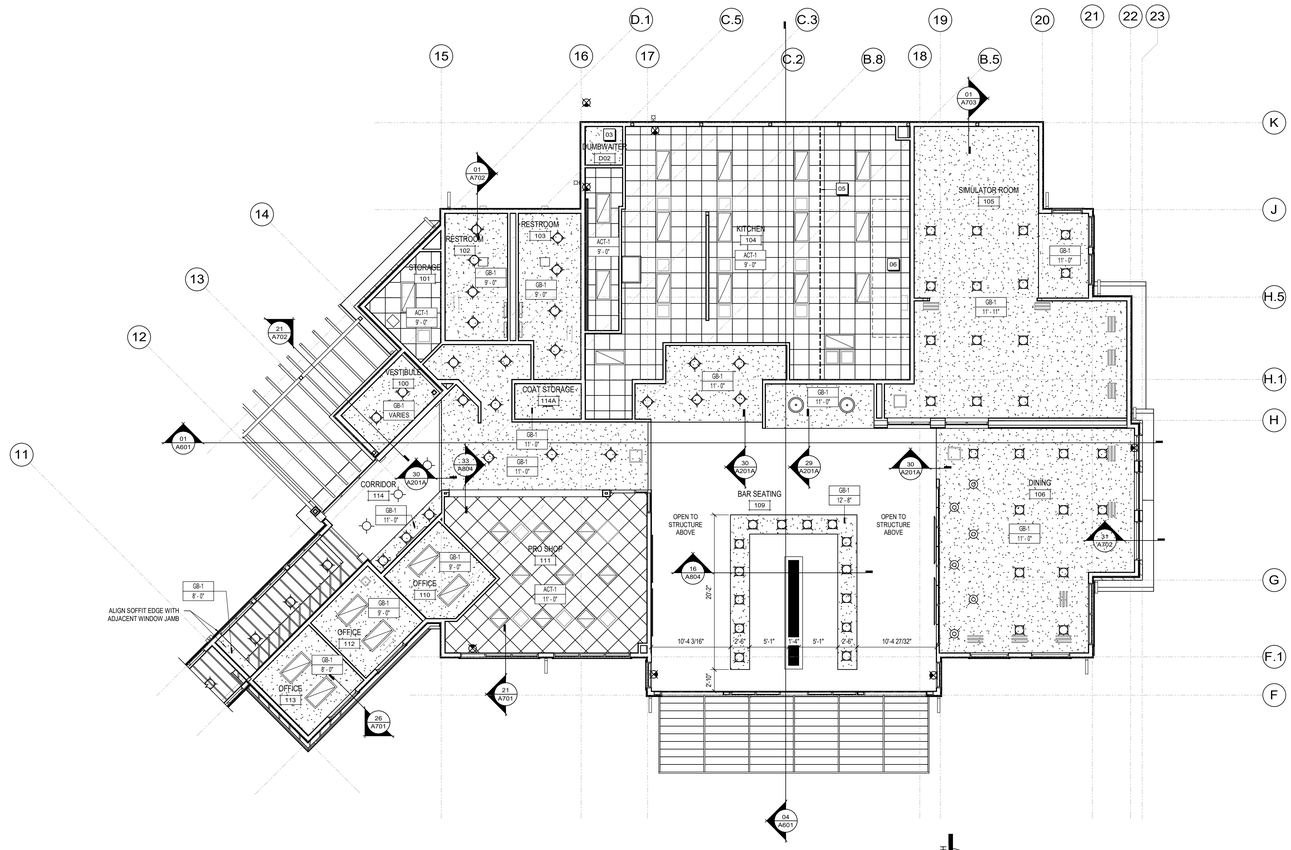
SCALE: 1 1/2" = 1'-0"



NORTH

REFLECTED CEILING PLAN - CLUBHOUSE BASEMENT

SCALE: 1/8" = 1'-0"



NORTH

REFLECTED CEILING PLAN - CLUBHOUSE BUILDING A

SCALE: 1/8" = 1'-0"

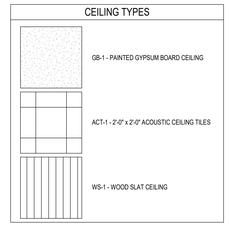
GENERAL CEILING NOTES

1. CONTRACTOR SHALL FOLLOW CEILING GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN. ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT.
2. MOUNT CEILING FANS, SPRINKLER HEADS, SPEAKERS, SUPPLY AIR DIFFUSERS, ETC. IN THE CENTER OF WHOLE CEILING PANELS.
3. WIRE CEILING FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS AND CEILING DIFFUSERS.
4. CEILING TYPE AS NOTED ON ROOM FINISH SCHEDULE. CEILING HEIGHT AS NOTED ON REFLECTED CEILING PLANS.
5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON EACH SIDE.
6. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS OF SPEAKERS, DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS, CEILING FANS, TELEVISION BRACKETS, AND FIRE PROTECTION SPRINKLERS.
7. PROVIDE AN ADDITIONAL CROSS TEE AT EACH SLOT DIFFUSER.
8. PROVIDE 2'-0" CEILING GRID CROSS TEE AT EACH RETURN GRILLE.
9. UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2'-0"x2'-0" OR 2'-0"x4'-0" TYPICAL. MANUFACTURER AND STYLE PER SPECIFICATION.
10. SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR DIRECTION TO ACCOMODATE LIGHTING LAYOUT.

CEILING KEYNOTES

- 01 GYPSUM BOARD CEILING ATTACHED DIRECTLY TO STRUCTURE ABOVE
- 02 DUMBWAITER SHAFT - OPEN TO ABOVE
- 03 GYPSUM BOARD LID ABOVE HOISTWAY - TIGHT TO STRUCTURE
- 04 SLOPED GYPSUM BOARD CEILING ATTACHED DIRECTLY TO STRUCTURE ABOVE
- 05 ATTACH (1) LAYER OF 5/8" GYPSUM BOARD TO (1) VERTICAL FACE OF TRUSS ABOVE IN THIS AREA. GYPSUM TO SPAN FROM TOP OF CEILING TO UNDERSIDE OF SHEATHING TO MEET DRAFTSTOP REQUIREMENTS IN ACCORDANCE WITH IBC SECTION 718.4.3 (3,000 SF MAXIMUM HORIZONTAL AREA)
- 06 KITCHEN HOODS - PROVIDED BY KITCHEN EQUIPMENT SUPPLIER

CEILING TYPES



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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
AJR

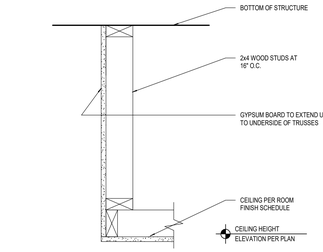
DRAWN BY
JPS

REFLECTED CEILING PLAN - CLUBHOUSE BUILDING A

A201A

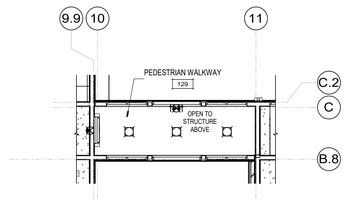
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Sheet Size: 30" x 42" (Arch E1)



15 A201B — SOFFIT DETAIL - VENUE

SCALE: 1 1/2" = 1'-0"



14 A201B — REFLECTED CEILING PLAN - PEDESTRIAN WALKWAY

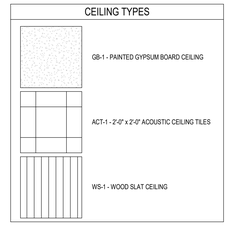
SCALE: 1/8" = 1'-0"

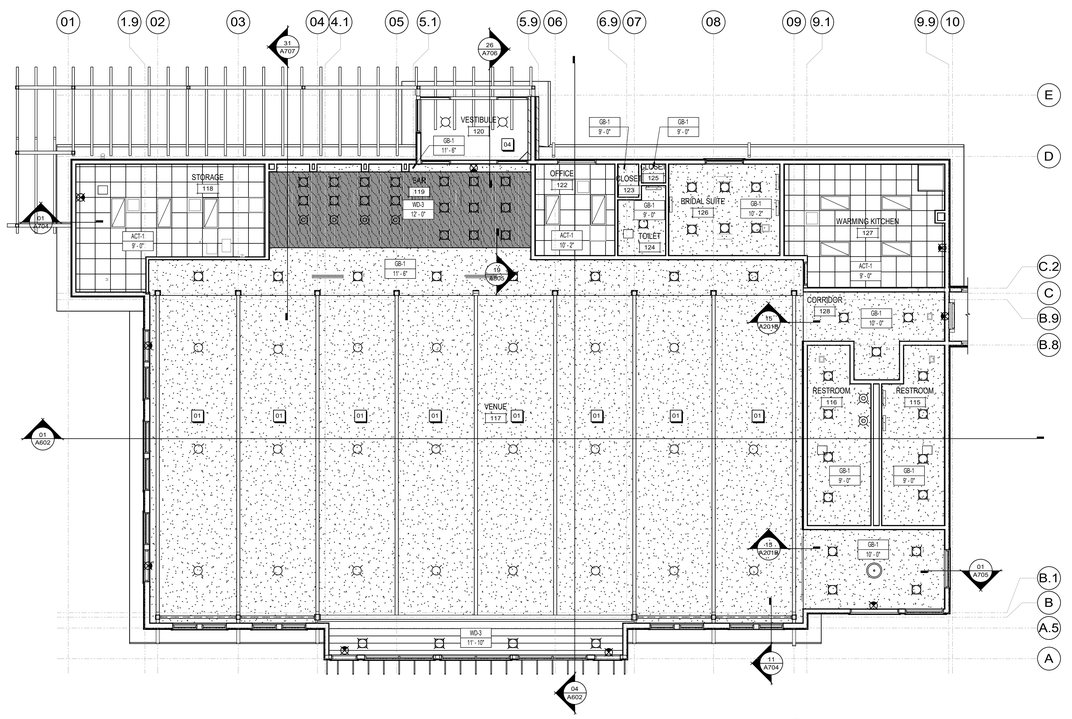
GENERAL CEILING NOTES

1. CONTRACTOR SHALL FOLLOW CEILING GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN. ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT.
2. MOUNT CEILING FANS, SPRINKLER HEADS, SPEAKERS, SUPPLY AIR DIFFUSERS, ETC. IN THE CENTER OF WHOLE CEILING PANELS.
3. WIRE CEILING FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS AND CEILING DIFFUSERS.
4. CEILING TYPE AS NOTED ON ROOM FINISH SCHEDULE. CEILING HEIGHT AS NOTED ON REFLECTED CEILING PLANS.
5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON EACH SIDE.
6. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS OF SPEAKERS, DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS, CEILING FANS, TELEVISION BRACKETS, AND FIRE PROTECTION SPRINKLERS.
7. PROVIDE AN ADDITIONAL CROSS TEE AT EACH SLOT DIFFUSER.
8. PROVIDE 2'-0" CEILING GRID CROSS TEE AT EACH RETURN GRILLE.
9. UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2'-0"x2'-0" OR 2'-0"x4'-0" TYPICAL. MANUFACTURER AND STYLE PER SPECIFICATION.
10. SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR DIRECTION TO ACCOMODATE LIGHTING LAYOUT.

CEILING KEYNOTES

- 01 GYPSUM BOARD CEILING ATTACHED DIRECTLY TO STRUCTURE ABOVE
- 02 DUMBWAITER SHAFT - OPEN TO ABOVE
- 03 GYPSUM BOARD LID ABOVE HOISTWAY - TIGHT TO STRUCTURE
- 04 SLOPED GYPSUM BOARD CEILING ATTACHED DIRECTLY TO STRUCTURE ABOVE
- 05 ATTACH (1) LAYER OF 5/8" GYPSUM BOARD TO (1) VERTICAL FACE OF TRUSS ABOVE IN THIS AREA. GYPSUM TO SPAN FROM TOP OF CEILING TO UNDERSIDE OF SHEATHING TO MEET DRAFTSTOP REQUIREMENTS IN ACCORDANCE WITH IBC SECTION 718.4.3 (3,000 SF MAXIMUM HORIZONTAL AREA)
- 06 KITCHEN HOODS - PROVIDED BY KITCHEN EQUIPMENT SUPPLIER





1 A201B — REFLECTED CEILING PLAN - VENUE BUILDING B

SCALE: 1/8" = 1'-0"

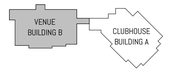
ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



ISSUANCES / REVISIONS		
NO:	DESCRIPTION:	DATE:
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

2/21/2024 3:17:58 PM

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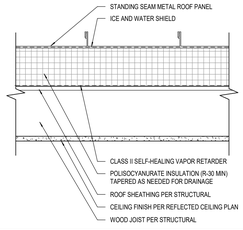
DRAWN BY
JPS

REFLECTED CEILING PLAN - VENUE BUILDING B

A201B

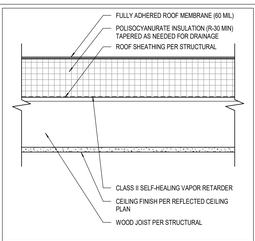
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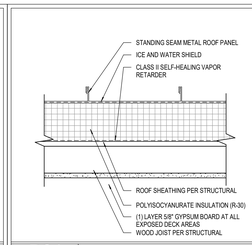
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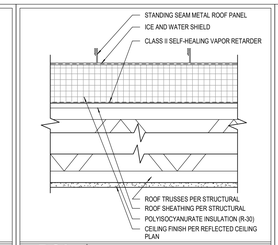
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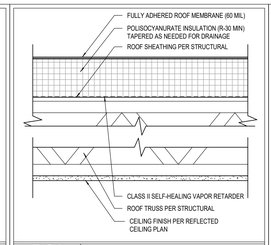
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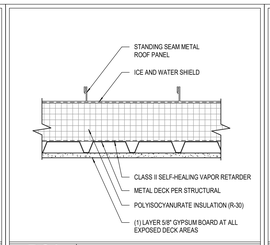
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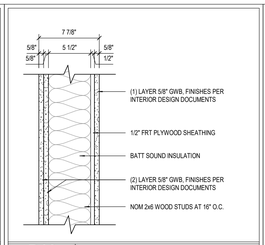
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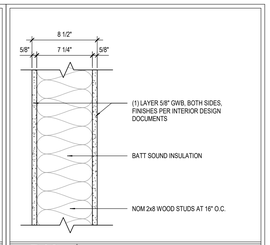
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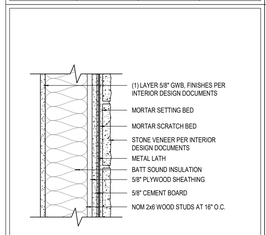
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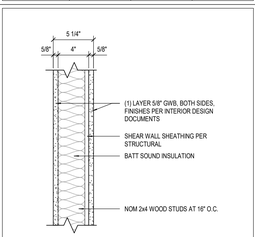
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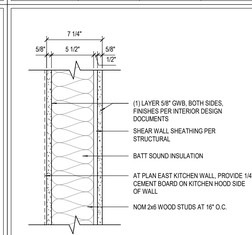
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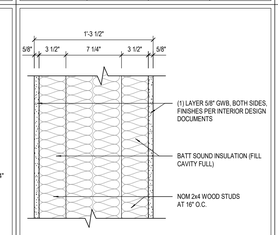
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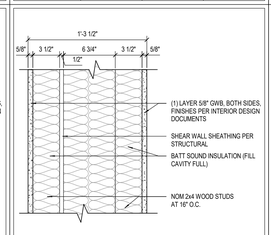
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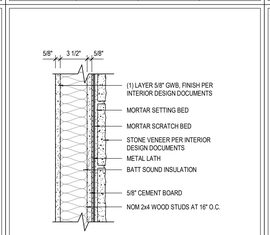
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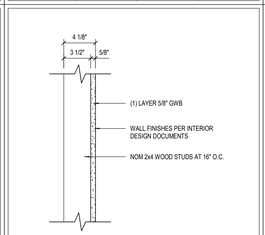
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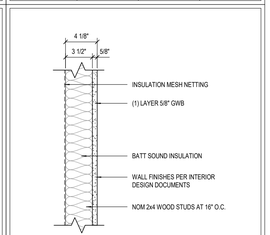
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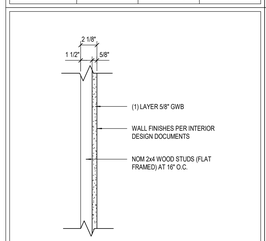
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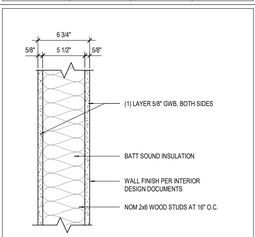
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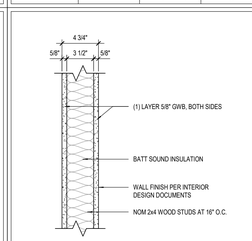
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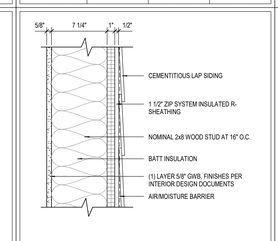
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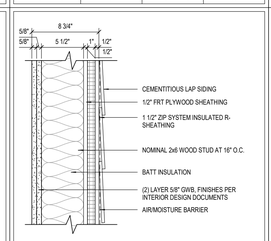
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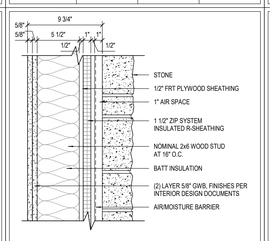
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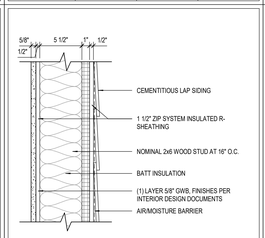
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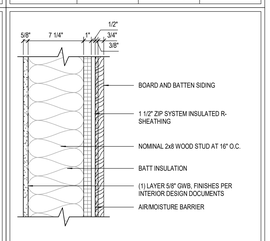
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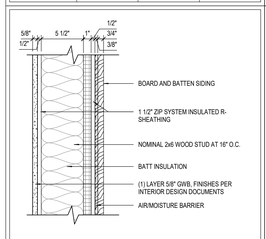
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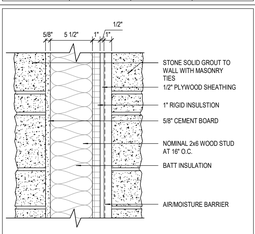
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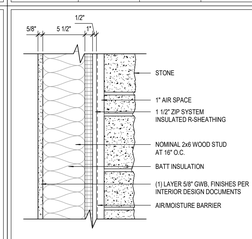
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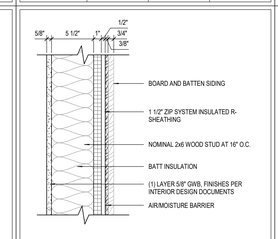
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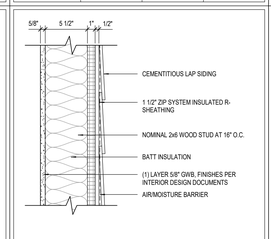
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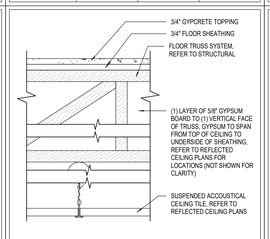
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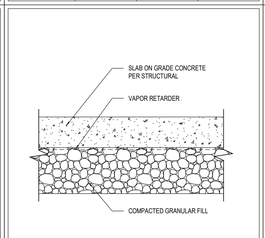
EW1

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FC2

ASSEMBLY NO.			
FIRE RATING		STC RATING	



FC1

ASSEMBLY NO.	UL #563		
FIRE RATING	1 HR	STC RATING	

WALL TYPE NOTES

ALL INTERIOR PARTITIONS ARE TO BE P1 WALL TYPE UNLESS NOTED OTHERWISE

A) SEE UNDERWRITERS LABORATORY DIRECTORY FOR ADDITIONAL INFORMATION ON WALL RATING SPECIFICS AND ALLOWABLE MATERIALS

B) SEE STRUCTURAL DRAINGS FOR FIAL STUD SPACING, MASONRY AND CONCRETE REINFORCING

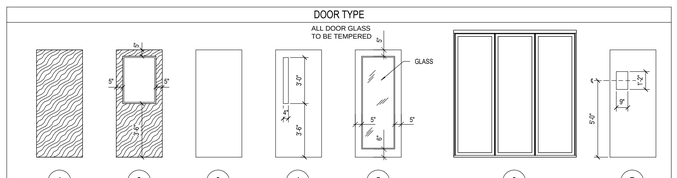
C) WHERE INTERIOR DESIGN DOCUMENTS CALL FOR TILE ON WALL, PROVIDE TILE BACKER BOARD, AT A MINIMUM, IN THE TILE EXTENTS SHOWN

D) PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL WET AREAS INCLUDING KITCHENS, BATHROOMS AND RESTROOMS

E) PROVIDE TREATED WOOD AT ALL LOCATIONS WHERE WOOD IS IN CONTACT WITH CONCRETE AND/OR MASONRY

DOOR TYPE

ALL DOOR GLASS TO BE TEMPERED



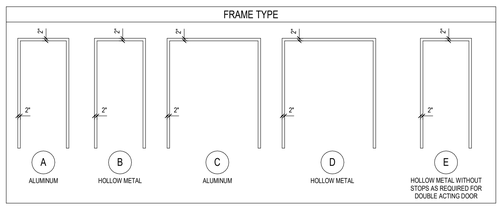
DOOR SCHEDULE REMARKS:

1. PROVIDE INSULATION WITHIN DOOR FRAME
2. PROVIDE INSULATED DOOR
3. HARDWARE BY TRAFFIC DOOR MANUFACTURER
4. DOUBLE ACTING DOOR
5. NANAWALL SYSTEM DOOR, FRAME, AND HARDWARE BY DOOR MANUFACTURER
6. EXISTING BARN DOOR AND HARDWARE TO BE SALVAGED AND RE-USED. GC TO VERIFY EXISTING DOOR SIZE & NEW OPENING REQUIREMENTS IN-FIELD.

DOOR SCHEDULE

MARK	WIDTH x HEIGHT	DOOR MATERIAL	DOOR TYPE	DOOR FINISH	DOOR LITE SIZE	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	FIRE RATED	HARDWARE SET	REMARKS
100A	(2) 3' - 0" x 7' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	02/A801	02/A801	-	01	
100B	(2) 3' - 0" x 7' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	10/A801	10/A801	-	10	
101	3' - 0" x 7' - 0"	HOLLOW METAL	3	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	06	
102	3' - 0" x 7' - 0"	WOOD	1	STAIN	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	02	
103	3' - 0" x 7' - 0"	WOOD	1	STAIN	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	02	
104A	3' - 6" x 7' - 0"	HOLLOW METAL	4	PAINT	-	B	HOLLOW METAL	PAINT	09/A801	09/A801	-	09	1, 2
104B	3' - 0" x 7' - 0"	PLAM	7	PLAM	QUARTER	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	04	3
104C	3' - 6" x 7' - 0"	HOLLOW METAL	4	PAINT	QUARTER	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	05	
104D	3' - 6" x 7' - 0"	HOLLOW METAL	1	PAINT	-	B	HOLLOW METAL	PAINT	09/A801	09/A801	-	09	1, 2
104E	7' - 0"	PLAM	7	PLAM	QUARTER	E	HOLLOW METAL	PAINT	04/A801	04/A801	-	-	3, 4
105	3' - 0" x 7' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	10/A801	10/A801	-	04	
106	3' - 0" x 7' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	12/A801	12/A801	-	03	
109A	3' - 0" x 7' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	03/A801	03/A801	-	07	
109B	8' - 2"	ALUMINUM	6	ANODIZED	FULL				21/A803	21/A803			5
109C	3' - 6" x 8' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	05/A802			07	
109D	8' - 2"	ALUMINUM	6	ANODIZED	FULL				21/A803	21/A803			5
109E	3' - 0" x 7' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	03/A801	03/A801	-	07	
110	3' - 0" x 7' - 0"	WOOD	2	STAIN	HALF	B	HOLLOW METAL	PAINT	04/A801	04/A801		08	
111A	3' - 0" x 8' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	02/A801	02/A801	-	07	
111B	3' - 0" x 8' - 10"	ALUMINUM	FL	ANODIZED	FULL								
112A	3' - 0" x 7' - 0"	WOOD	1	STAIN	HALF	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	08	
113A	3' - 0" x 7' - 0"	WOOD	1	STAIN	HALF	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	08	
115	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	02	
116	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	02	
117A	3' - 10" x 8' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	03/A801	03/A801	-	07	
117B	3' - 10" x 8' - 0"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	03/A801	03/A801	-	07	
117C	3' - 0" x 7' - 10"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	02/A801	02/A801	-	07	
117D	3' - 2" x 7' - 10"	ALUMINUM	5	ANODIZED	FULL	A	ALUMINUM	ANODIZED	02/A801	02/A801	-	07	
118	3' - 0" x 7' - 0"	HOLLOW METAL	3	PAINT	-	B	HOLLOW METAL	PAINT	07/A801	07/A801	-	09	1, 2
120A	(2) 3' - 0" x 8' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	-	-	-	01	
120B	(2) 3' - 0" x 8' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	-	-	-	10	
121	(2) 3' - 0" x 8' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	02/A801	02/A801	-	11	
122	3' - 0" x 7' - 0"	WOOD	2	PAINT	HALF	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	08	
123	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	05	
124	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	12	
125	2' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	05	
126	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	08	
127A	3' - 0" x 7' - 0"	HOLLOW METAL	3	PAINT	-	B	HOLLOW METAL	PAINT	07/A801	07/A801	45 MIN.	09	1, 2
127B	3' - 0" x 7' - 0"	WOOD	1	PAINT	-	B	HOLLOW METAL	PAINT	04/A801	04/A801	-	08	
129A	(2) 3' - 0" x 8' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	03/A801	03/A801	-	01	
129B	(2) 2' - 10" x 7' - 0"	WOOD	1	STAIN	FULL	D	HOLLOW METAL	PAINT	04/A801	04/A801	90 MIN.	12	
129C	(2) 3' - 0" x 8' - 0"	ALUMINUM	4	ANODIZED	FULL	C	ALUMINUM	ANODIZED	03/A801	03/A801	-	01	
129D	(2) 2' - 10" x 7' - 0"	WOOD	1	STAIN	FULL	D	HOLLOW METAL	PAINT	04/A801	04/A801	90 MIN.	12	

FRAME TYPE



HARDWARE SETS

HARDWARE SET NO: 01

2	PANIC DEVICE W/ PULL TRIM ENTRY
	LOCK KEYED
1	CYLINDER
2	CONTINUOS HINGE
2	CLOSER LCN 4040 XP
1	WEATHERSTRIPPING
1	ALUMINUM DOOR THRESHOLD
1	ALUMINUM DOOR STANDARD SWEEP

HARDWARE SET NO: 02

1	PUSH/PULL HARDWARE
1	1 1/2 PAIR STANDARD HINGES
1	DOOR WALL STOP
3	SILENCERS
1	CLOSER

HARDWARE SET NO: 03

1	PANIC DEVICE W/ PULL TRIM, ENTRY
1	LOCK KEYED
1	CONTINUOUS HINGE
1	CYLINDER
1	CLOSER LCN 4040XP
1	WEATHER STRIPPING
1	ALUMINUM DOOR THRESHOLD
1	ALUMINUM DOOR STANDARD SWEEP

HARDWARE SET NO: 04

1	PUSH/PULL HARDWARE
1	CONTINUOUS HINGE
1	CLOSER LCN 4040XP
3	GASKET / SMOKE SEAL
1	DOOR WALL STOP

HARDWARE SET NO: 05

1	PASSAGE, NO LOCK (10S) LOCKSET
1	1/2 PAIR STANDARD HINGES
1	DOOR WALL STOP
3	SILENCERS

HARDWARE SET NO: 06

1	STORAGE (80PD) LOCKSET
1	1 1/2 PAIR STANDARD HINGES
1	DOOR WALL STOP
3	SILENCERS

HARDWARE SET NO: 7

1	PUSH/PULL HARDWARE
1	CYLINDER
1	CONTINUOUS HINGE
1	SLIDETRACK CLOSER
1	WEATHER STRIPPING
1	ALUMINUM DOOR THRESHOLD
1	ALUMINUM DOOR STANDARD SWEEP

HARDWARE SET NO: 08

1	OFFICE (80PD) LOCKSET
1	1 1/2 PAIR STANDARD HINGES
1	DOOR WALL STOP
3	SILENCERS

HARDWARE SET NO: 09

1	STORAGE 80PD LOCKSET
1	1 1/2 PAIR STANDARD HINGES
1	SLIDE TRACK CLOSER
1	WEATHERSTRIPPING
1	THRESHOLD
1	STANDARD SWEEP

HARDWARE SET NO: 10

2	PAINC DEVICE W/ PULL TRIM
2	CONTINUOUS HINGE
2	CLOSER LCN 4040 XP

HARDWARE SET NO: 11

1	PUSH/PULL ENTRY LOCK HARDWARE
1	CYLINDER
2	CONTINUOUS HINGE
2	CLOSER LCN 4040 XP
1	WEATHER STRIPPING
1	ALUMINUM DOOR THRESHOLD
1	ALUMINUM DOOR SWEEP

HARDWARE SET NO: 12

1	BATHBED PRIVACY (40S) LOCKSET
1	1 1/2 PAIR STANDARD HINGES
1	DOOR WALL STOP
3	SILENCERS

HARDWARE SET NO: 12

2	PANIC DEVICE W/ PULL TRIM, ENTRY
	LOCK KEYED
2	CONTINUOUS HINGE
2	CLOSER LCN 4040 XP
3	GASKET / SMOKE SEAL
2	DOOR WALL STOP

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PROJECT NUMBER
76290

APPROVED BY
AYA

REVIEWED BY
AYA

DRAWN BY
Author

SCHEDULES

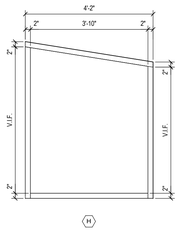
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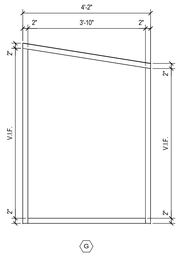
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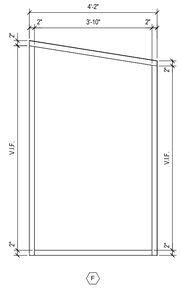
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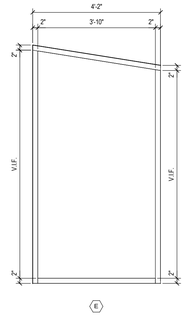
ALUMINUM STOREFRONT OPENINGS AND WINDOW TYPES

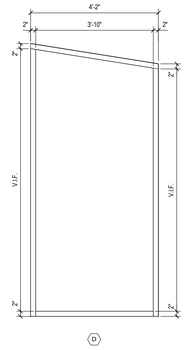


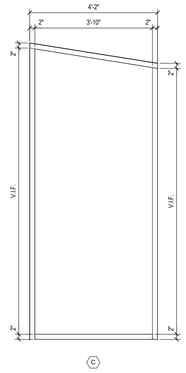










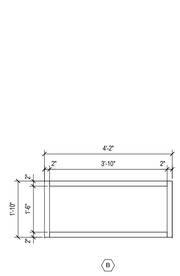


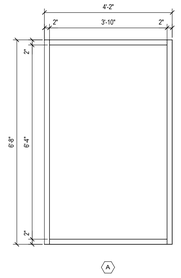
GLAZING GENERAL NOTES

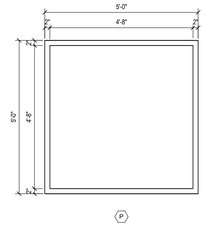
1. GLAZING CONTRACTOR TO ENSURE ALL GLAZING COMPLIES WITH 2015 INTERNATIONAL BUILDING CODE SECTION 2406.
2. ALL FRAME DIMENSIONS TO BE FIELD VERIFIED.
3. REFER TO EXTERIOR ELEVATIONS FOR ADDITIONAL TEMPERED GLAZING LOCATIONS.
   NOTE: SOME WINDOW TYPES MAY HAVE CERTAIN LOCATIONS WHERE TEMPERED GLAZING IS OR IS NOT REQUIRED.

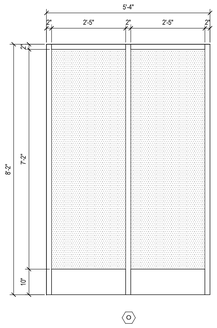
WINDOW FRAME KEY

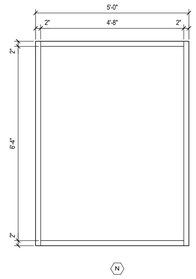
INDICATES TEMPERED SAFETY GLASS LOCATIONS

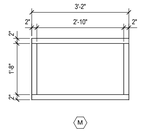


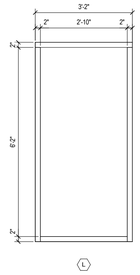


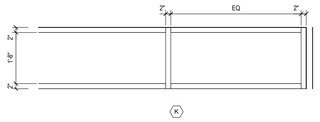


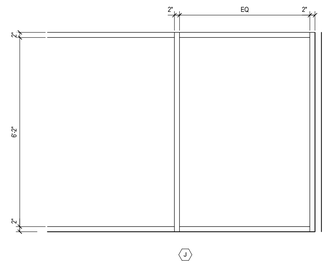


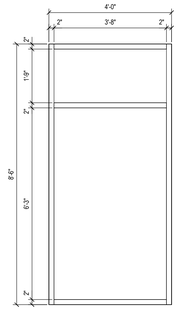


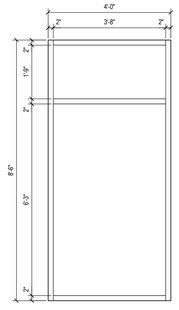


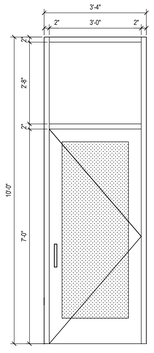


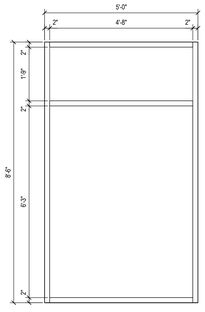


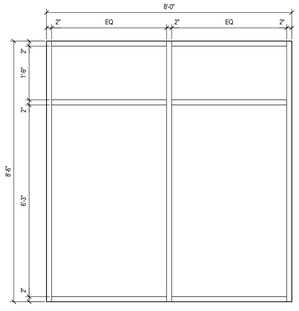


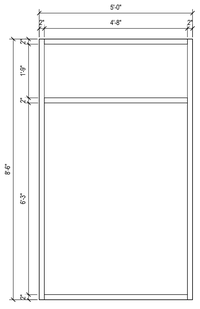


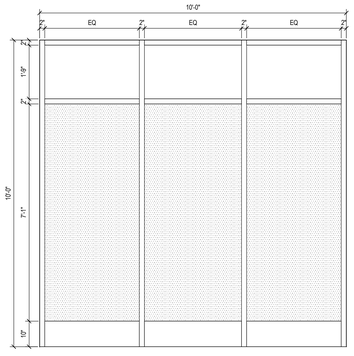


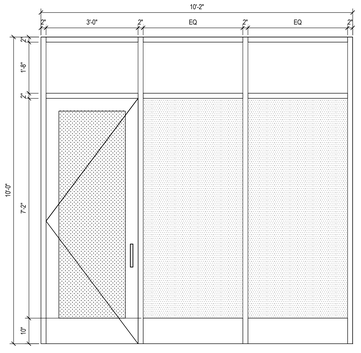


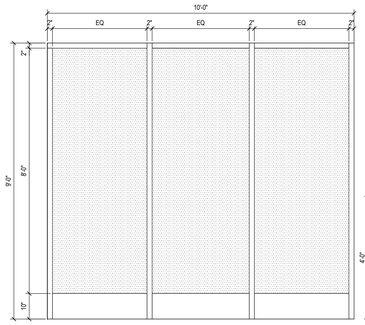


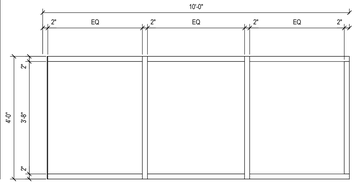


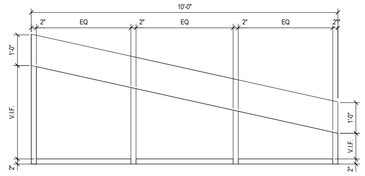


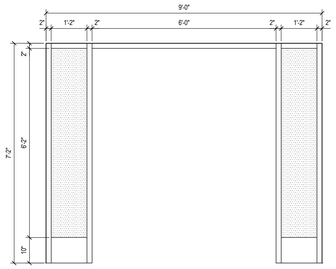


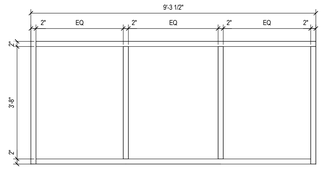


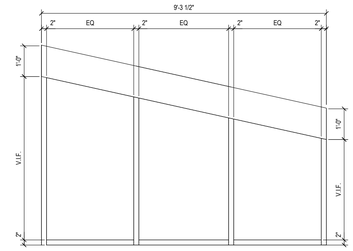












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PRAIRIE PINES GOLF CLUB

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Approver

REVIEWED BY
Checker

DRAWN BY
Author

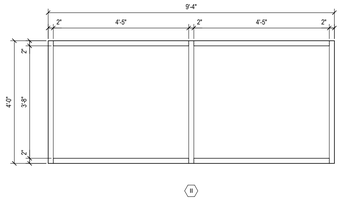
WINDOW FRAME ELEVATIONS

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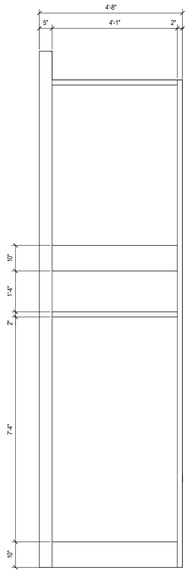
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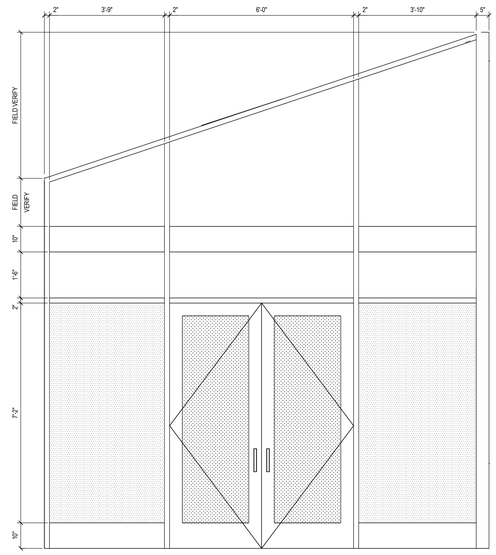
ALUMINUM STOREFRONT OPENINGS AND WINDOW TYPES



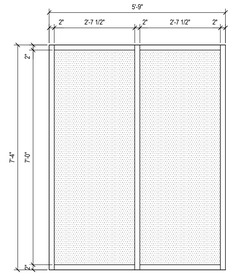
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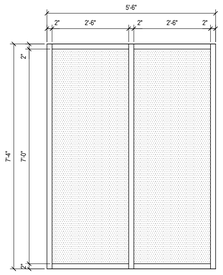
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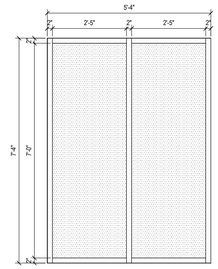
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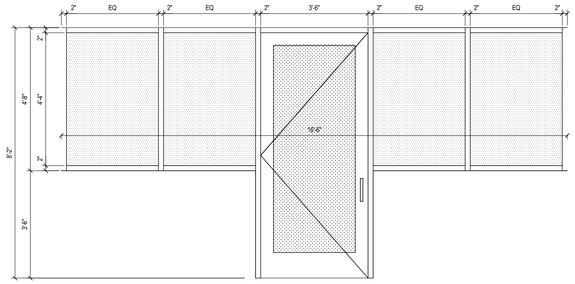
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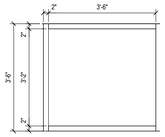
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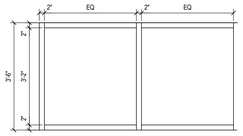
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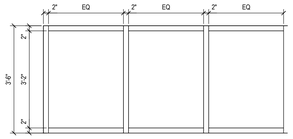
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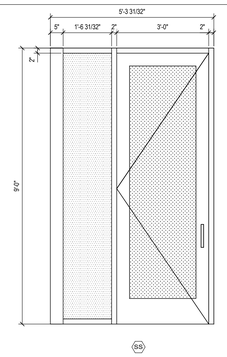


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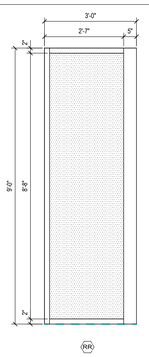


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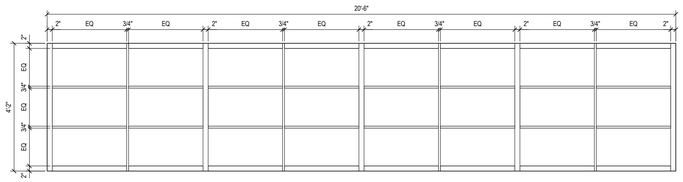
INTERIOR WINDOW TYPES



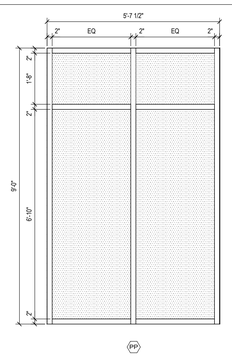
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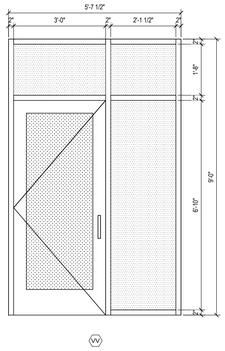
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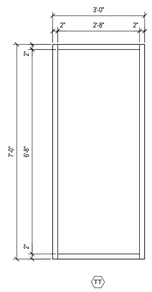
QQ



PP



VV



TT

GLAZING GENERAL NOTES

1. GLAZING CONTRACTOR TO ENSURE ALL GLAZING COMPLIES WITH 2015 INTERNATIONAL BUILDING CODE SECTION 2406.
2. ALL FRAME DIMENSIONS TO BE FIELD VERIFIED.
3. REFER TO EXTERIOR ELEVATIONS FOR ADDITIONAL TEMPERED GLAZING LOCATIONS.
   NOTE: SOME WINDOW TYPES MAY HAVE CERTAIN LOCATIONS WHERE TEMPERED GLAZING IS OR IS NOT REQUIRED.

WINDOW FRAME KEY

INDICATES TEMPERED SAFETY GLASS LOCATIONS

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

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Approver

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Checker

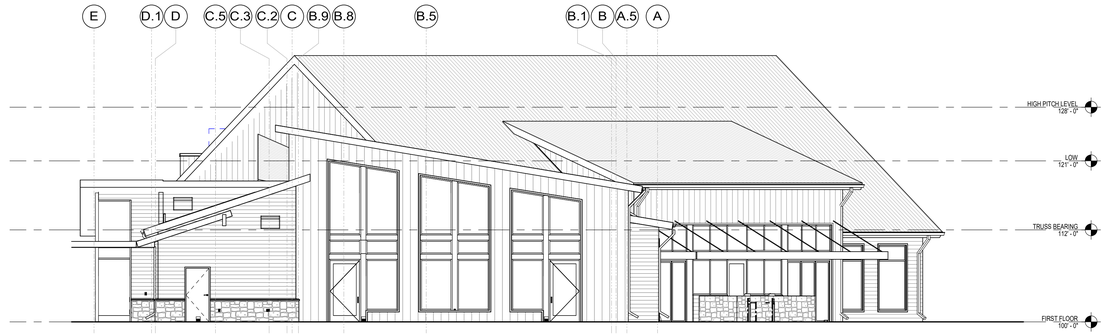
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Author

WINDOW FRAME ELEVATIONS

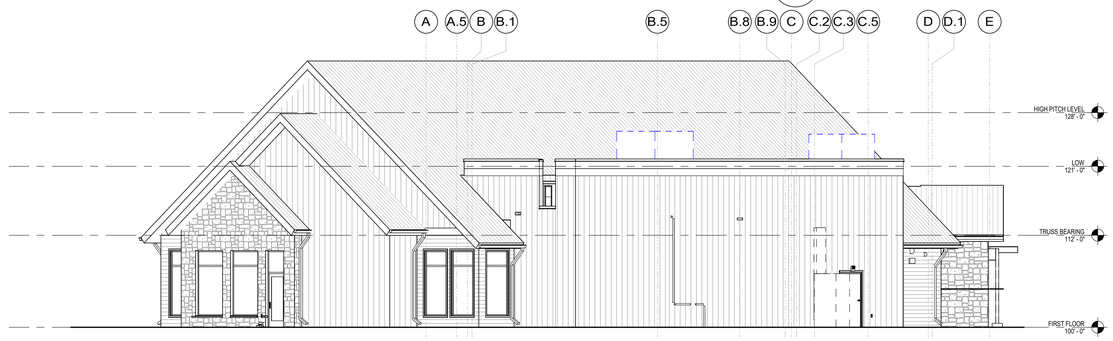
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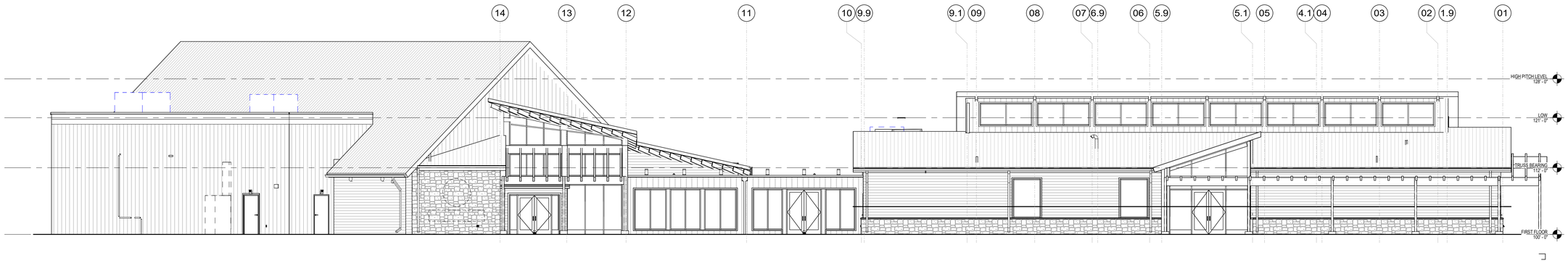
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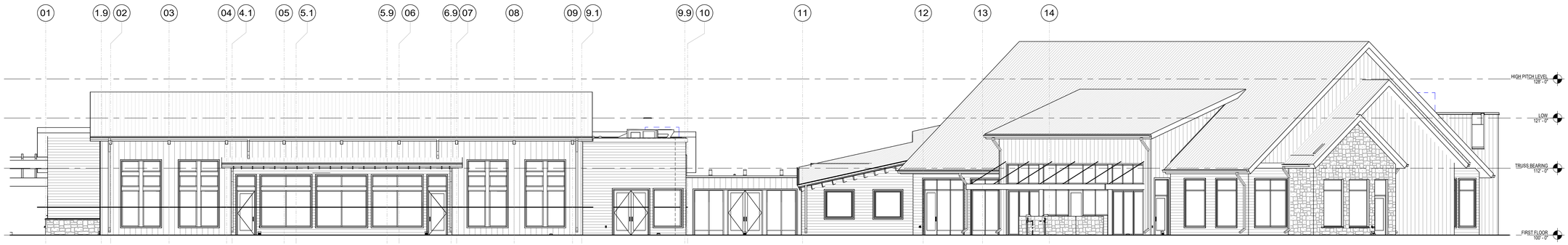
05 A401 EAST ELEVATION - OVERALL
SCALE: 1/8" = 1'-0"



04 A401 WEST ELEVATION - OVERALL
SCALE: 1/8" = 1'-0"



03 A401 NORTH ELEVATION - OVERALL
SCALE: 1/8" = 1'-0"



01 A401 SOUTH ELEVATION - OVERALL
SCALE: 1/8" = 1'-0"

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

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PRAIRIE PINES GOLF CLUB

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JAD

REVIEWED BY
AJR

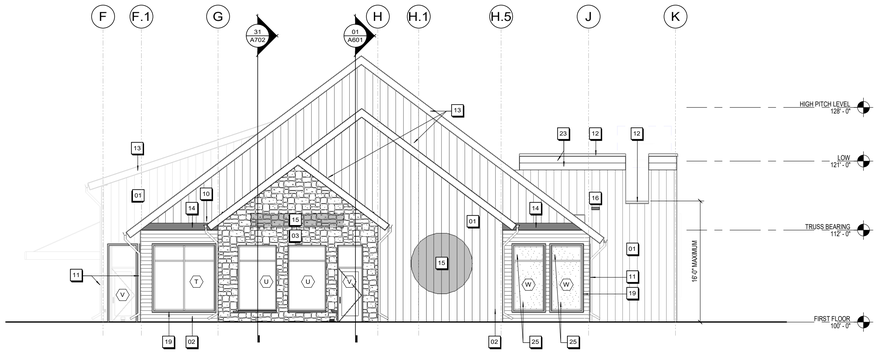
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OVERALL EXTERIOR ELEVATIONS

A401

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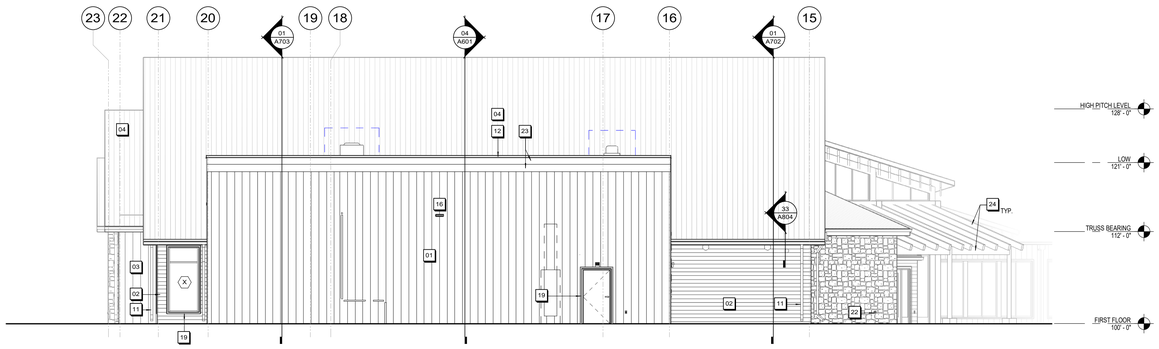
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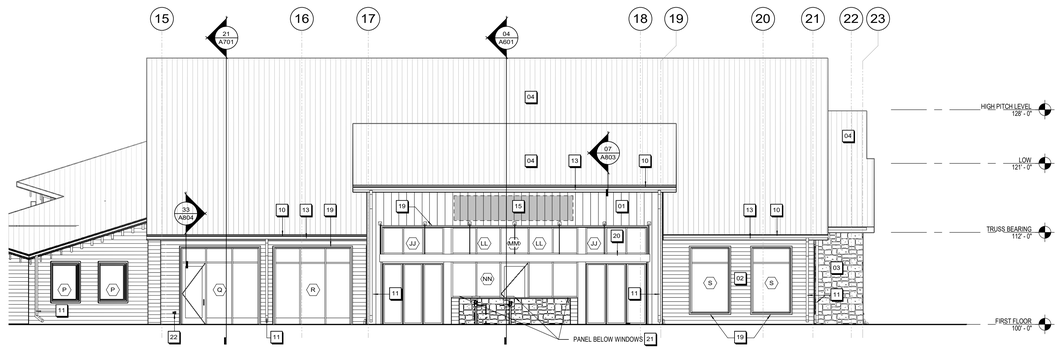
25 A402 EAST ELEVATION - CLUBHOUSE
SCALE: 1/8" = 1'-0"



09 A402 WEST ELEVATION - CLUBHOUSE
SCALE: 1/8" = 1'-0"



17 A402 NORTH ELEVATION - CLUBHOUSE
SCALE: 1/8" = 1'-0"



06 A402 SOUTH ELEVATION - CLUBHOUSE
SCALE: 1/8" = 1'-0"

KEYNOTES

01 HARDIE BOARD AND BATTEN SIDING (WHITE)
02 HARDIE LAP SIDING (BLACK)
03 FULL VENEER STONE - ASHLAR PATTERN
04 STANDING SEAM METAL ROOF (BLACK)
05 WOOD GRAIN NON-VENTED SOFFIT PANEL
06 GLULAM BEAM
07 TRELLIS JOIST
08 HSS TUBE-STEEL w/ PAINT (BLACK) - SEE STRUCTURAL FOR MORE INFORMATION
09 IMPACT RESISTANT GLAZING (LAMINATED GLASS OVER TEMPERED GLASS)
10 5" METAL GUTTER - STYLE PER SPECIFICATIONS
11 METAL DOWNSPOUT - STYLE PER SPECIFICATIONS
12 PRE-FINISHED METAL COPING (BLACK)
13 2x10 WOOD FASCIA WRAPPED IN COMMERCIAL GRADE PRE-FINISHED METAL (BLACK) WITH CONCEALED FASTENERS
14 5/4 x 11 1/2" CEMENTITIOUS SMOOTH TRIM
15 SIGNAGE (BY OTHERS)
16 OVERFLOW SCUPPER
17 CAST STONE BAND
18 KNOX BOX LOCATION
19 3/4" x 2 1/2" JAMES HARDIE TRIM - COLOR TO MATCH ADJACENT MATERIAL COLOR
20 ALUMINUM LOUVERED CANOPY SYSTEM - EQUAL TO BARABOO AWNING SYSTEM, 6063-T6 ALUMINUM. 12"x2" FASCIA POWDER COATED WHITE FINISH. 8"x1/4" ALUMINUM, WOOD GRAIN FINISH BLADES SPACED AT 12" O.C.. TIE BACKS AS REQUIRED BY MANUFACTURER, POWDER COATED TO MATCH FASCIA PANELS. UNDERSIDE FINISH: OPEN TO LOUVERS.
21 HARDIE FLAT PANEL (BLACK)
22 HOSE BIBB - VERIFY FINAL HEIGHT AND LOCATIONS WITH PLUMBING CONTRACTOR
23 (2) 11 1/4" CEMENTITIOUS SMOOTH TRIM (BLACK)
24 EXTERIOR TRELLIS. ALL EXTERIOR, EXPOSED GLU-LAMINATED & JOIST WOOD MEMBERS TO BE TREATED WITH THE FOLLOWING:
COAT 1: SDF (TINTED) - PENETRATING STAIN BY SANSIN (STAIN TO MATCH INTERIOR WEST COAST DOUGLAS FIR GLU-LAMINATED BEAMS)
COAT 2: SDF TOPCOAT (25% TINT) BY SANSIN (STAIN TO MATCH INTERIOR WEST COAST DOUGLAS FIR GLU-LAMINATED BEAMS)
NOTE: SAMPLES TO BE SUBMITTED FOR ARCHITECT'S APPROVAL PRIOR TO APPLICATION
25 GLAZING PANE TO BE TEMPERED SAFETY GLASS. ADDITIONAL TEMPERED GLASS LOCATIONS INDICATED ON SHEETS A302 & A303

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

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Approver

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AJR

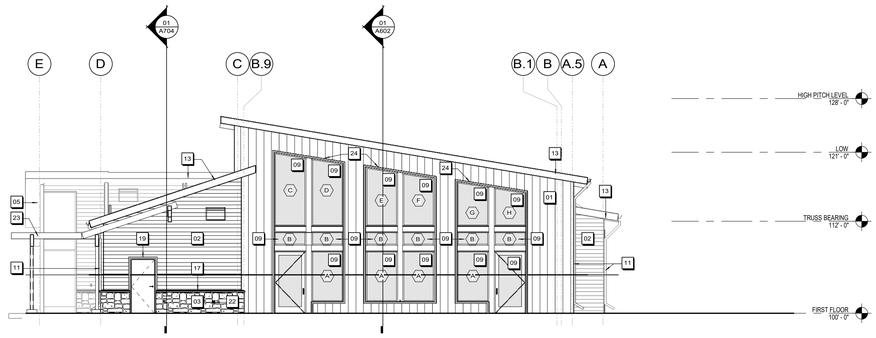
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EXTERIOR ELEVATIONS - CLUBHOUSE BUILDING A

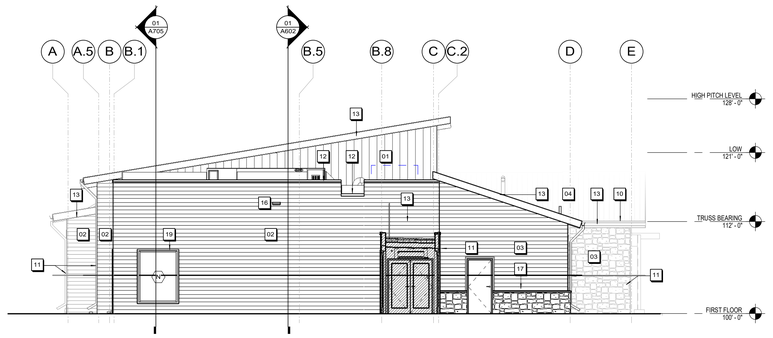
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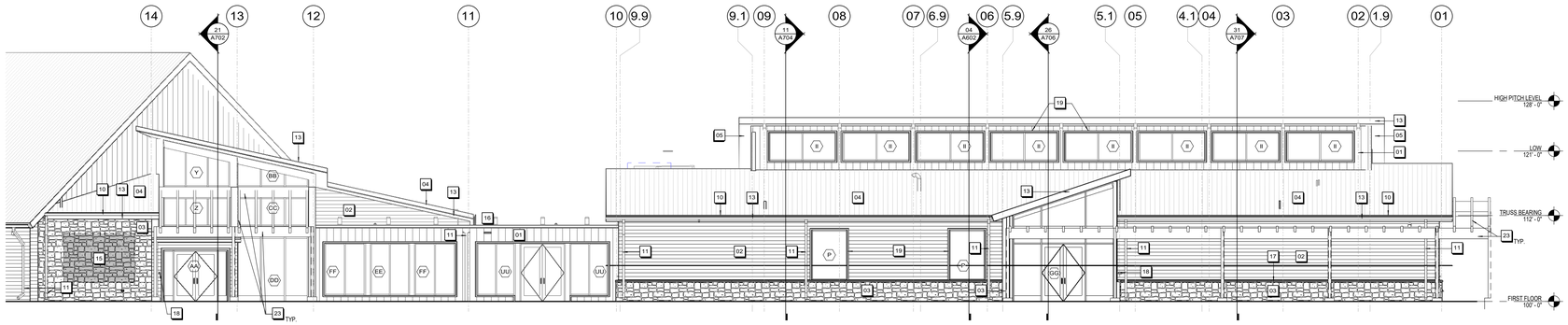
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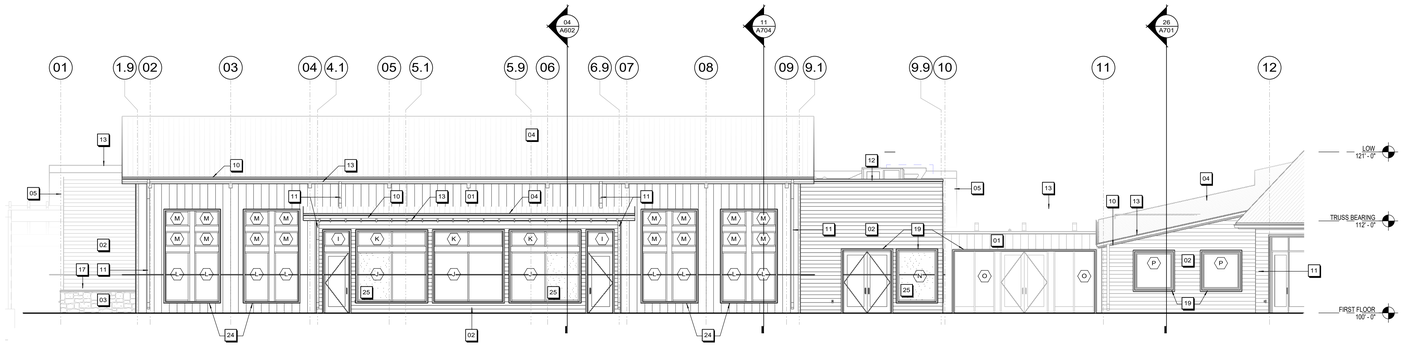
10 A403 WEST ELEVATION - VENUE
SCALE: 1/8" = 1'-0"



09 A403 EAST ELEVATION - VENUE
SCALE: 1/8" = 1'-0"



07 A403 NORTH ELEVATION - VENUE
SCALE: 1/8" = 1'-0"



06 A403 SOUTH ELEVATION - VENUE
SCALE: 1/8" = 1'-0"

KEYNOTES

01	HARDIE BOARD AND BATTEN SIDING (WHITE)
02	HARDIE LAP SIDING (BLACK)
03	FULL VENEER STONE - ASHLAR PATTERN
04	STANDING SEAM METAL ROOF (BLACK)
05	WOOD GRAIN NON-VENTED SOFFIT PANEL
06	GLULAM BEAM
07	TRELLIS JOIST
08	HSS TUBE-STEEL w/ PAINT (BLACK) - SEE STRUCTURAL FOR MORE INFORMATION
09	IMPACT RESISTANT GLAZING (LAMINATED GLASS OVER TEMPERED GLASS)
10	5" METAL GUTTER - STYLE PER SPECIFICATIONS
11	METAL DOWNSPOUT - STYLE PER SPECIFICATIONS
12	PRE-FINISHED METAL COPING (BLACK)
13	2x10 WOOD FASCIA WRAPPED IN COMMERCIAL GRADE PRE-FINISHED METAL (BLACK) WITH CONCEALED FASTENERS
14	5/4 x 11 1/4" CEMENTITIOUS SMOOTH TRIM
15	SIGNAGE (BY OTHERS)
16	OVERFLOW SCUPPER
17	CAST STONE BAND
18	KNOX BOX LOCATION
19	3/4" x 2 1/2" JAMES HARDIE TRIM - COLOR TO MATCH ADJACENT MATERIAL COLOR
20	ALUMINUM LOUVERED CANOPY SYSTEM - EQUAL TO BARABOO AWNING SYSTEM, 6063-T6 ALUMINUM. 12"x2" FASCIA POWDER COATED WHITE FINISH. 8"x1/4" ALUMINUM, WOOD GRAIN FINISH BLADES SPACED AT 12" O.C.. TIE BACKS AS REQUIRED BY MANUFACTURER, POWDER COATED TO MATCH FASCIA PANELS. UNDERSIDE FINISH: OPEN TO LOUVERS.
21	HARDIE FLAT PANEL (BLACK)
22	HOSE BIBB - VERIFY FINAL HEIGHT AND LOCATIONS WITH PLUMBING CONTRACTOR
23	EXTERIOR TRELLIS: ALL EXTERIOR, EXPOSED GLU-LAMINATED & JOIST WOOD MEMBERS TO BE TREATED WITH THE FOLLOWING: **COAT 1:** SDF (TINTED) - PENETRATING STAIN BY SANSIN (STAIN TO MATCH INTERIOR WEST COAST DOUGLAS FIR GLU-LAMINATED BEAMS) **COAT 2:** SDF TOPCOAT (25% TINT) BY SANSIN (STAIN TO MATCH INTERIOR WEST COAST DOUGLAS FIR GLU-LAMINATED BEAMS) **NOTE:** SAMPLES TO BE SUBMITTED FOR ARCHITECT'S APPROVAL PRIOR TO APPLICATION
24	3/4" x 2 1/2" JAMES HARDIE TRIM (BLACK)
25	GLAZING PANE TO BE TEMPERED SAFETY GLASS. ADDITIONAL TEMPERED GLASS LOCATIONS INDICATED ON SHEETS A302 & A303

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
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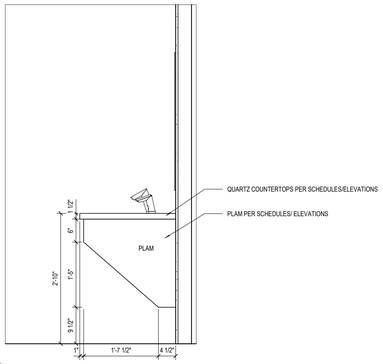
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Author

EXTERIOR ELEVATIONS - VENUE BUILDING B

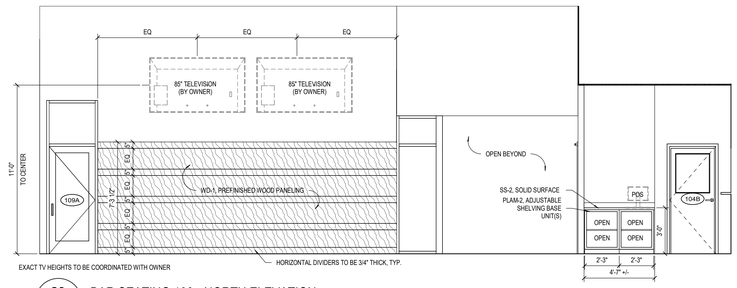
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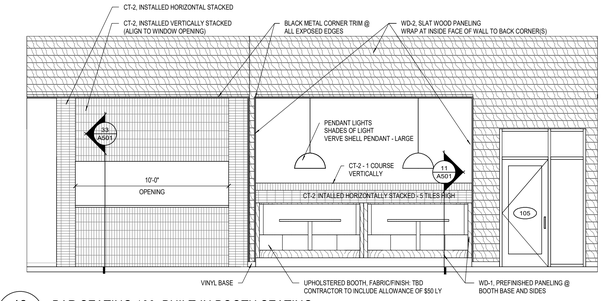
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35 A501 VANITY SECTION DETAIL - CLUBHOUSE
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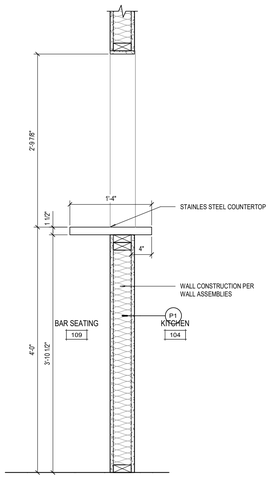


20 A501 BAR SEATING 109 - NORTH ELEVATION
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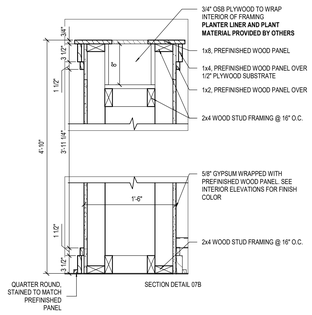


10 A501 BAR SEATING 109, BUILT-IN BOOTH SEATING
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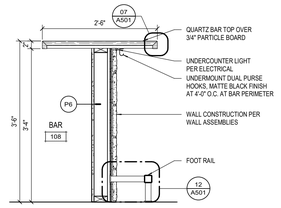
NOTE: ALL SLAT WOOD PANELING TO BE INSTALLED ABOVE VINYL BASE



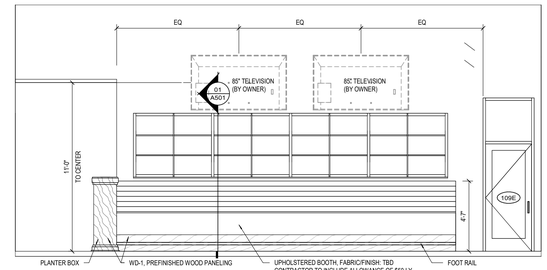
33 A501 KITCHEN 104, PASS THRU
SCALE: 1" = 1'-0"



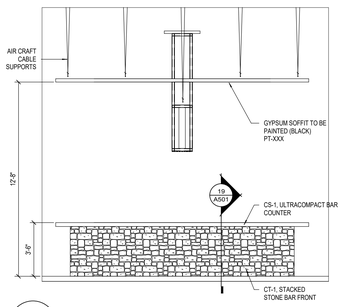
23 A501 PLANTER DETAIL
SCALE: 1" = 1'-0"



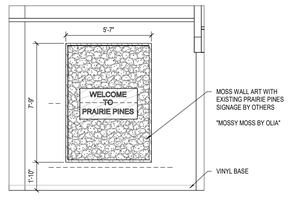
19 A501 BAR 108 SECTION, TYPICAL
SCALE: 3/4" = 1'-0"



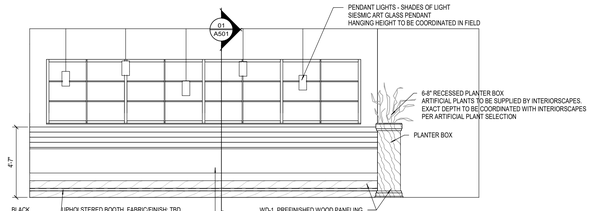
14 A501 BAR SEATING 109, BOOTH SEATING
SCALE: 1/4" = 1'-0"



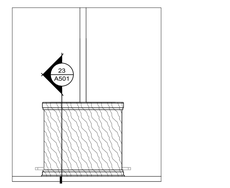
04 A501 BAR 108, TYPICAL FRONT
SCALE: 1/4" = 1'-0"



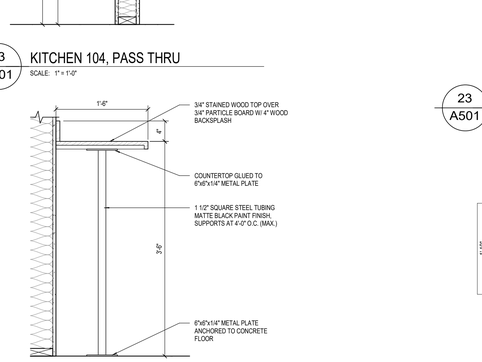
18 A501 CORRIDOR 114, MOSS WALL
SCALE: 1/4" = 1'-0"



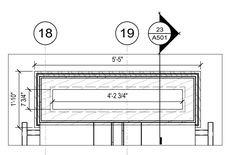
13 A501 DINING 106 - BOOTH SEATING
SCALE: 1/4" = 1'-0"



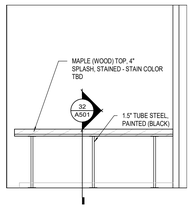
03 A501 DINING 106 - PLANTER BOX
SCALE: 1/4" = 1'-0"



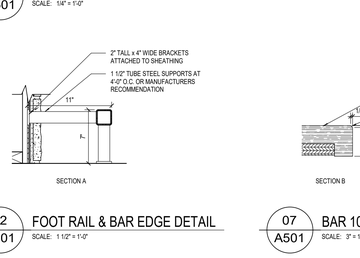
32 A501 SIMULATOR 105 COUNTER SECTION
SCALE: 1" = 1'-0"



22 A501 PLANTER DETAIL
SCALE: 1/2" = 1'-0"

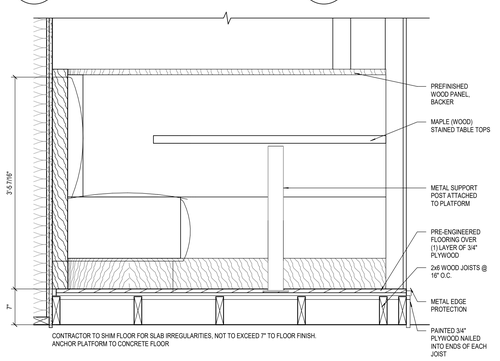


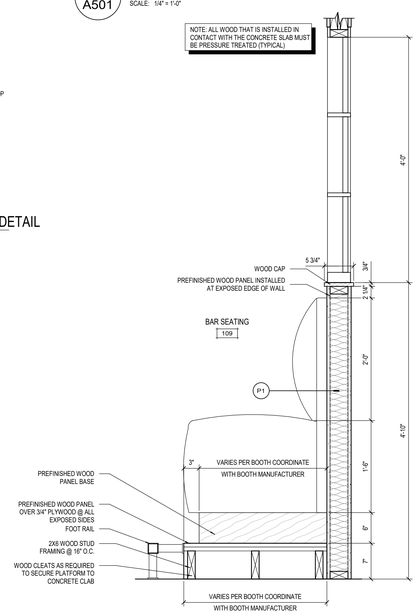
17 A501 SIMULATOR ROOM 105
SCALE: 1/4" = 1'-0"



12 A501 FOOT RAIL & BAR EDGE DETAIL
SCALE: 1 1/2" = 1'-0"

07 A501 BAR 108 MITERED EDGE DETAIL
SCALE: 3" = 1'-0"

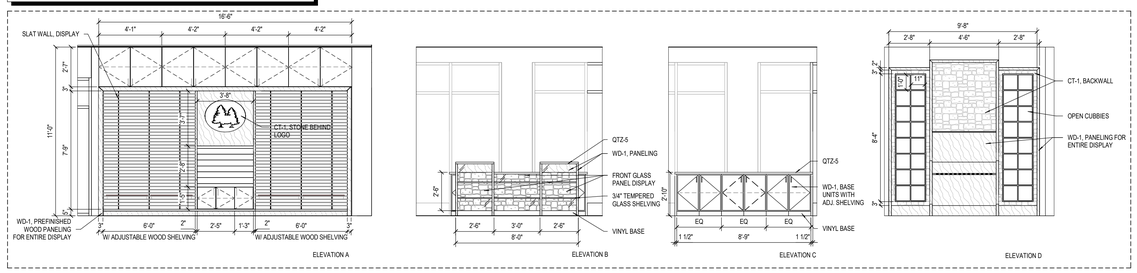




11 A501 CURVED BOOTH DETAIL
SCALE: 1" = 1'-0"

01 A501 INTERIOR WINDOW WALL DETAIL
SCALE: 1" = 1'-0"

NOTE: PRO SHOP CASEWORK FOR BASIS OF DESIGN/PRICING - FINAL DESIGN TO BE APPROVED BY OWNER



31 A501 CLUBHOUSE 111
SCALE: 1/4" = 1'-0"

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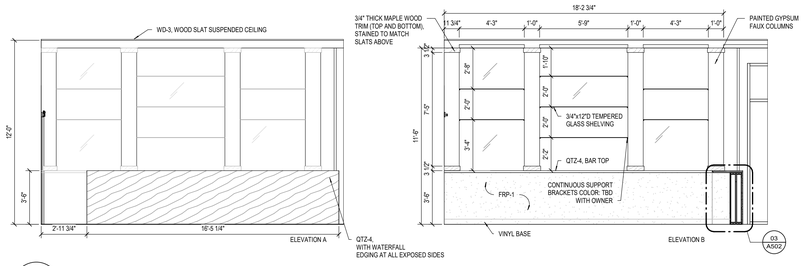
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Author

INTERIOR ELEVATIONS AND SECTIONS - CLUBHOUSE BUILDING A

A501

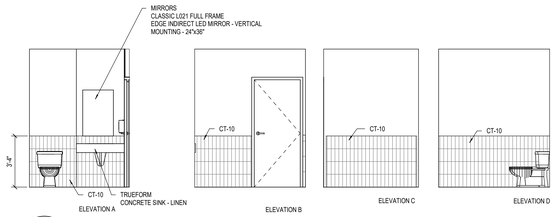
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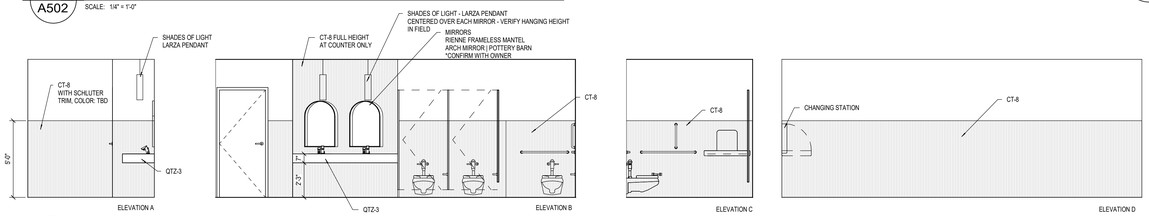
22 / A502 BAR 119 - FRONT/BACK BAR

SCALE: 1/4" = 1'-0"



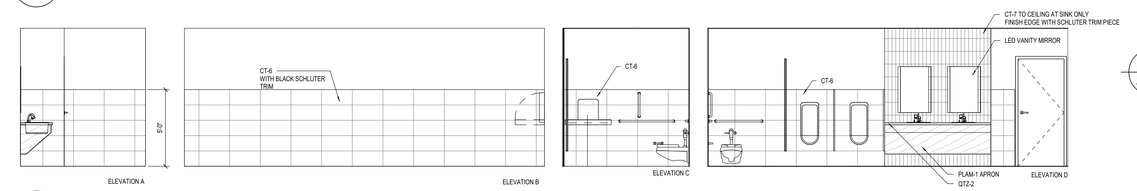
20 / A502 TOILET 124

SCALE: 1/4" = 1'-0"



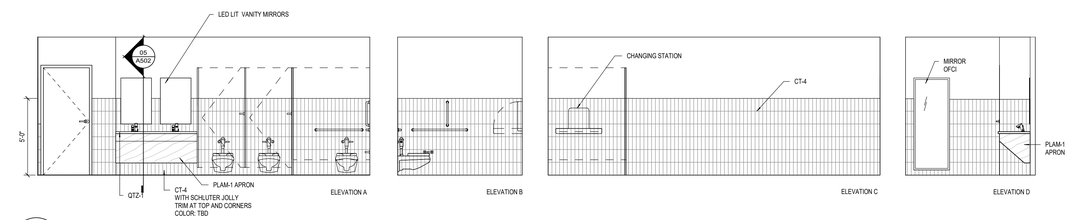
19 / A502 WOMEN'S RESTROOM 116

SCALE: 1/4" = 1'-0"



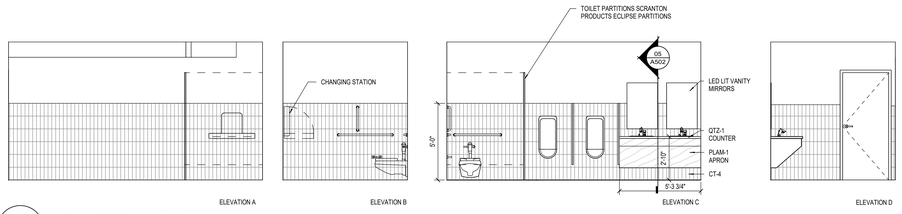
18 / A502 MEN'S RESTROOM 115

SCALE: 1/4" = 1'-0"



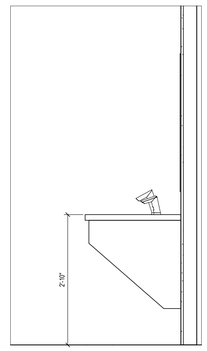
17 / A502 WOMEN'S RESTROOM 103

SCALE: 1/4" = 1'-0"



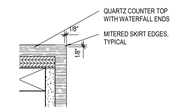
16 / A502 MEN'S RESTROOM 102

SCALE: 1/4" = 1'-0"



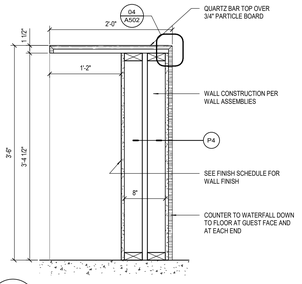
05 / A502 VANITY SECTION DETAIL - VENUE

SCALE: 3/4" = 1'-0"



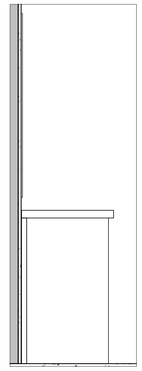
04 / A502 BAR 119 MITERED EDGE DETAIL

SCALE: 3" = 1'-0"



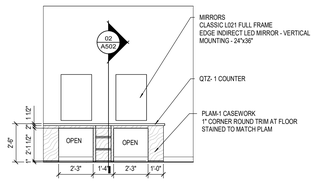
03 / A502 BAR 119 SECTION, TYPICAL

SCALE: 1" = 1'-0"



02 / A502 BRIDAL SUITE 126 COUNTER DETAIL

SCALE: 1" = 1'-0"



01 / A502 BRIDAL SUITE 126

SCALE: 1/4" = 1'-0"

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Approver

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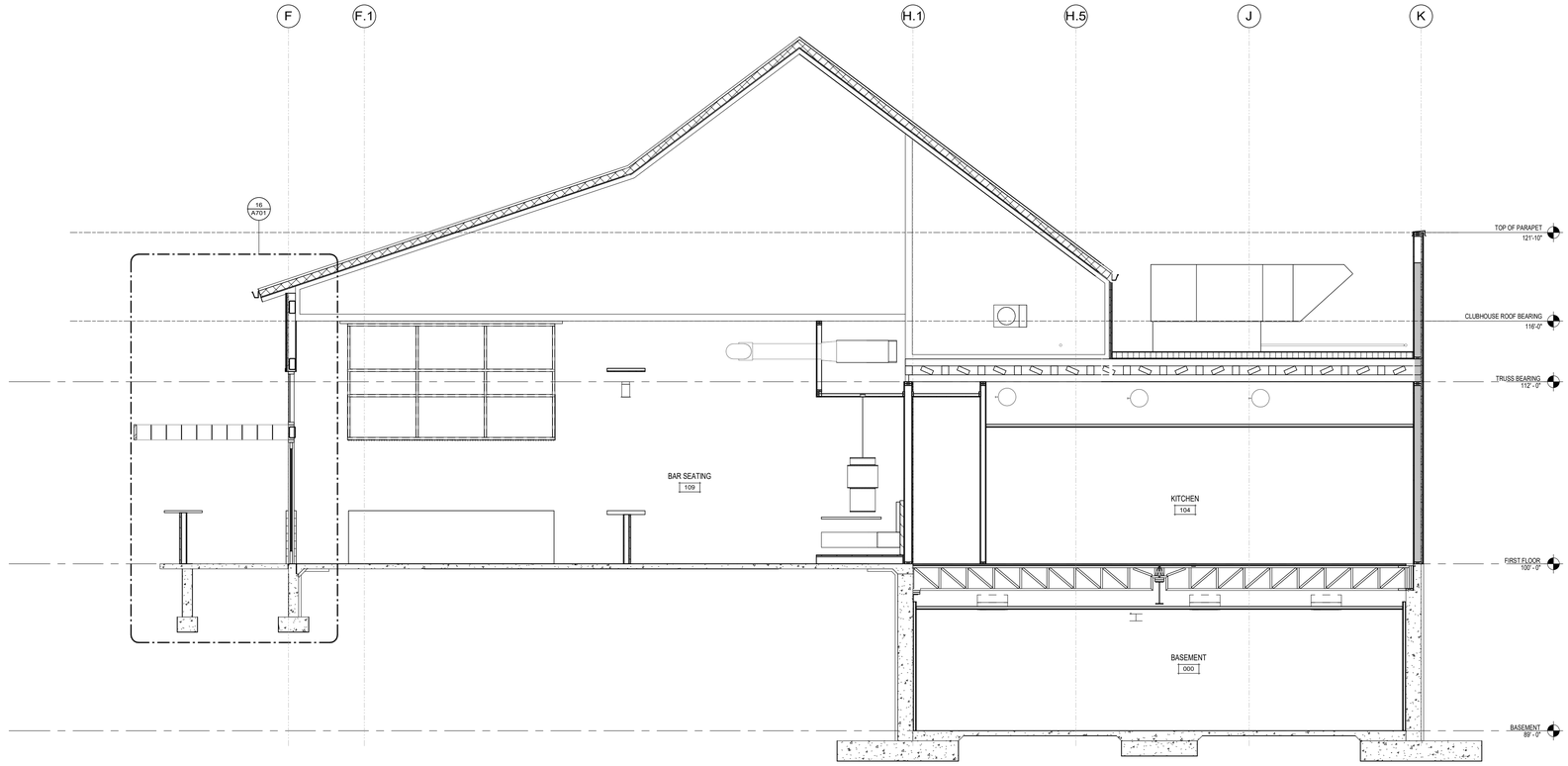
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DRB

INTERIOR ELEVATIONS AND SECTIONS - VENUE BUILDING B

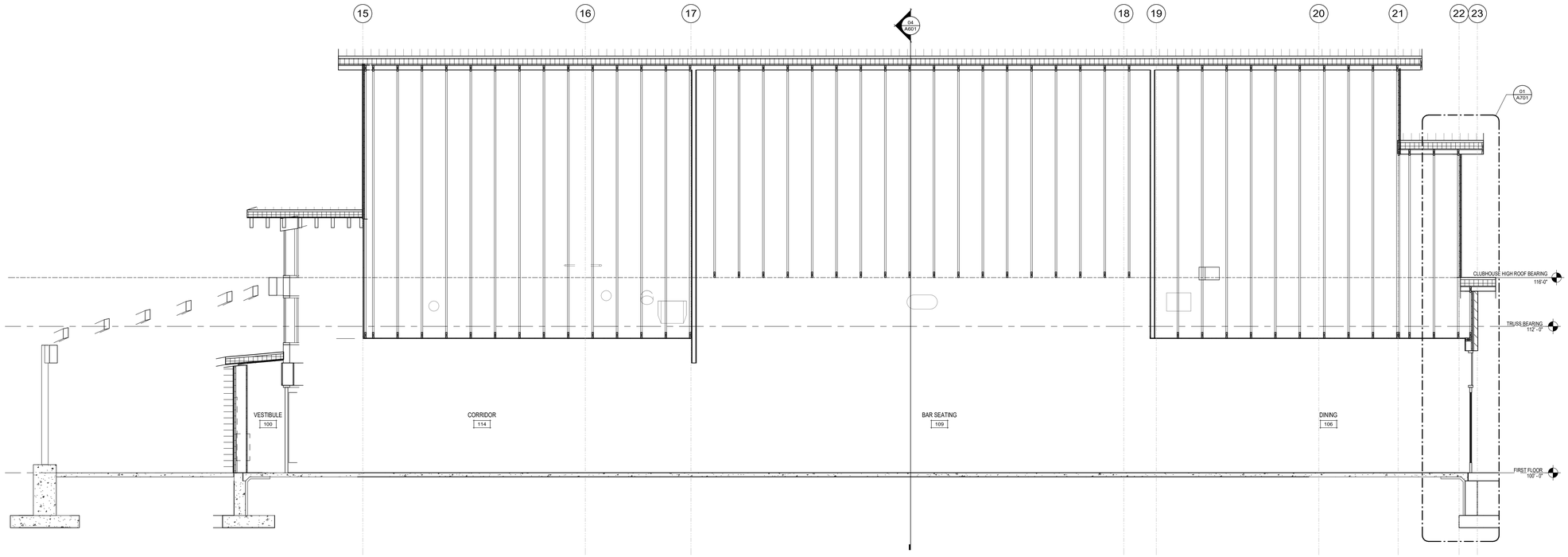
A502

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Sheet Size: 30" x 42" (Arch E1)



04 A601 BUILDING CROSS SECTION - CLUBHOUSE
SCALE: 1/4" = 1'-0"



01 A601 LONGITUDINAL SECTION - CLUBHOUSE
SCALE: 1/4" = 1'-0"

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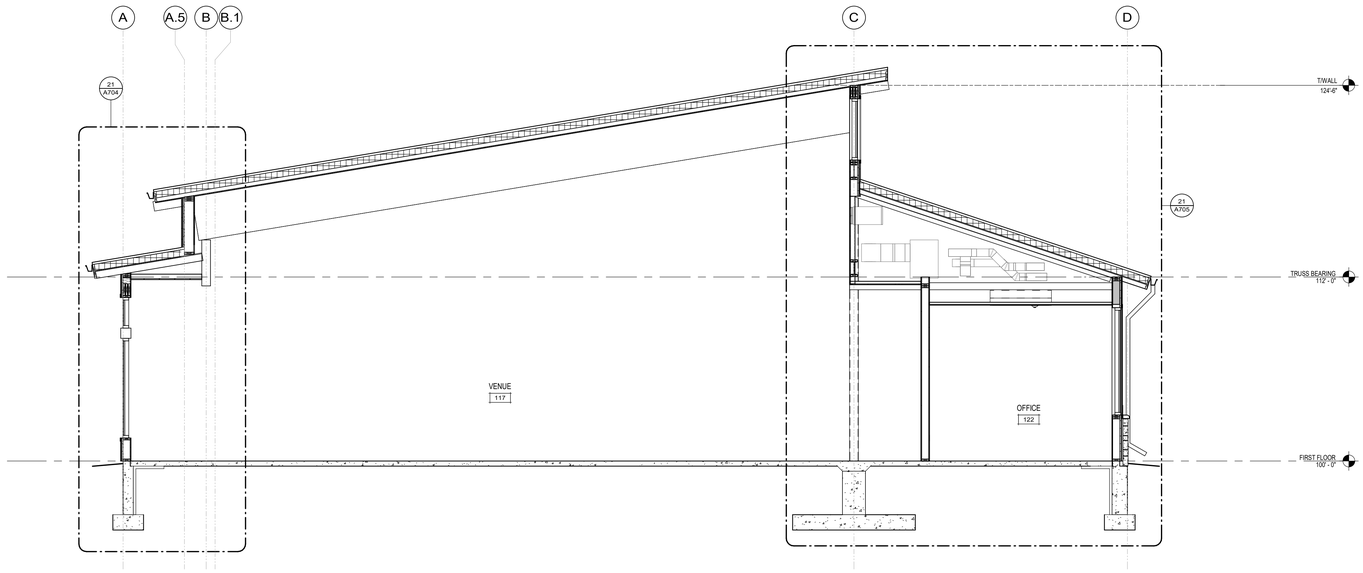
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SNS

BUILDING SECTIONS - CLUBHOUSE BUILDING A

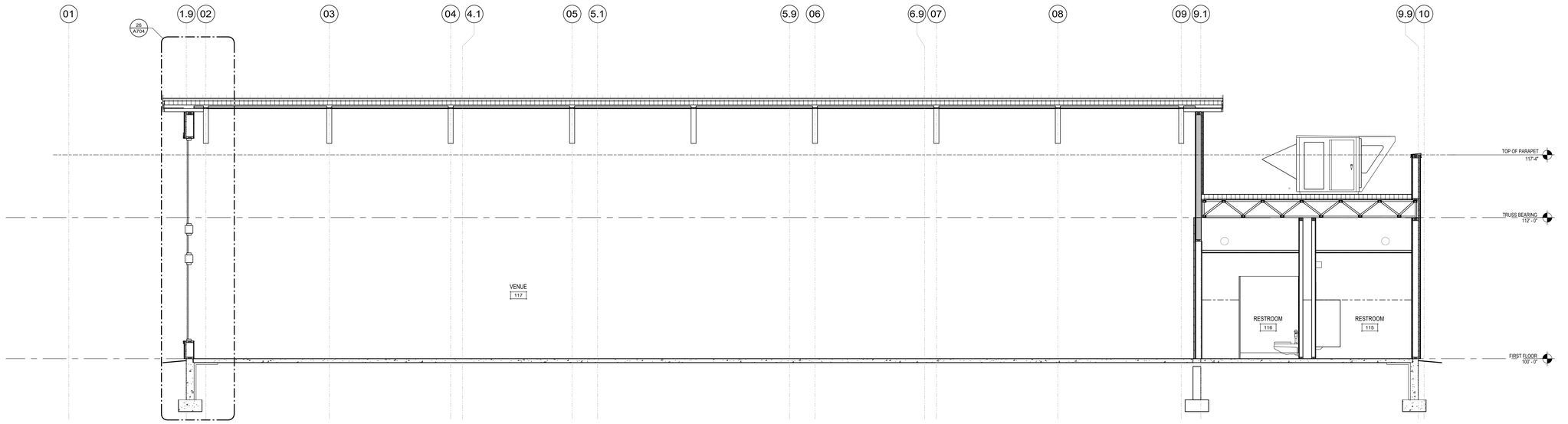
A601

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Sheet Size: 30" x 42" (Arch E1)



04 A602 BUILDING CROSS SECTION - VENUE
SCALE: 1/4" = 1'-0"



01 A602 LONGITUDINAL SECTION - VENUE
SCALE: 1/4" = 1'-0"

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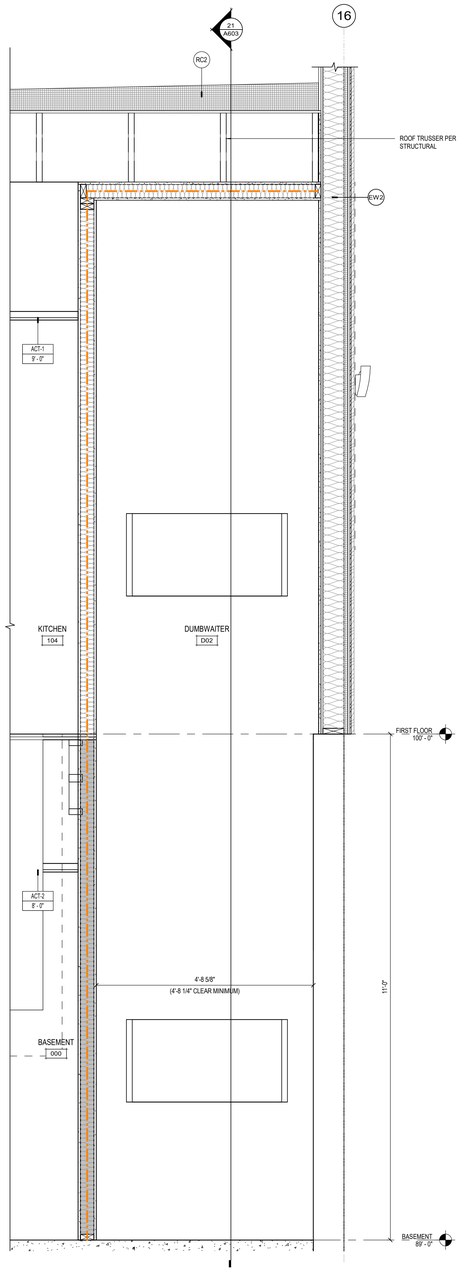
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BUILDING SECTIONS - VENUE
BUILDING B

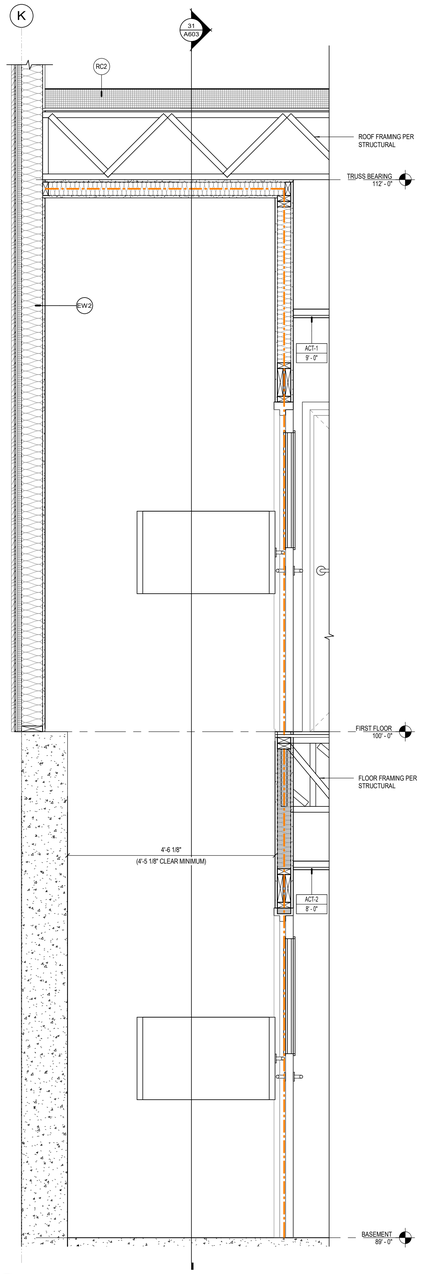
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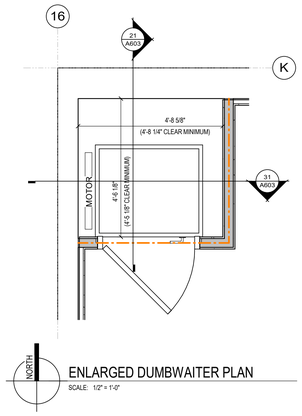
Sheet Size: 30" x 42" (Arch E1)



31 A603 DUMWAITER SECDTION
SCALE: 3/4" = 1'-0"

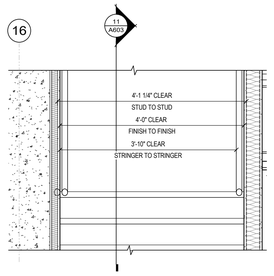


21 A603 DUMBWAITER SECTION
SCALE: 3/4" = 1'-0"

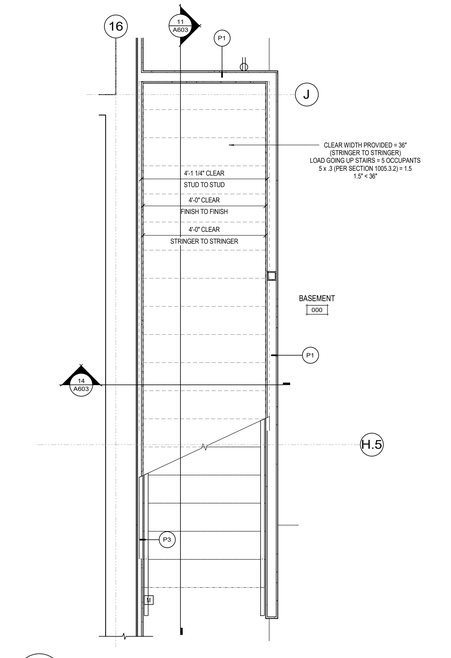


NORTH

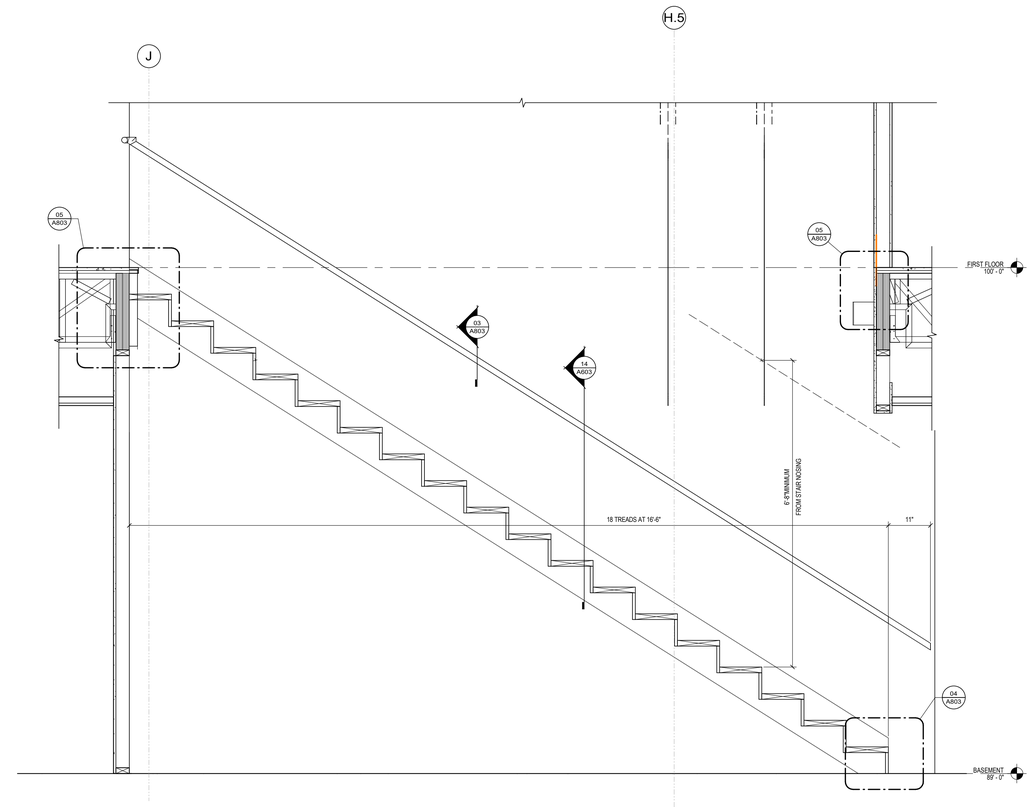
ENLARGED DUMBWAITER PLAN
SCALE: 1/2" = 1'-0"



14 A603 STAIR SECTION
SCALE: 3/4" = 1'-0"



04 A603 ENLARGED STAIR PLAN
SCALE: 1/2" = 1'-0"



11 A603 STAIR SECTION
SCALE: 3/4" = 1'-0"

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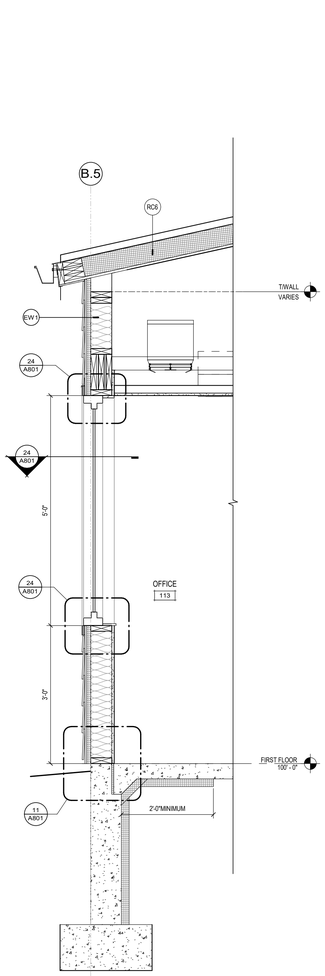
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STAIR PLANS AND SECTIONS - CLUBHOUSE BUILDING A

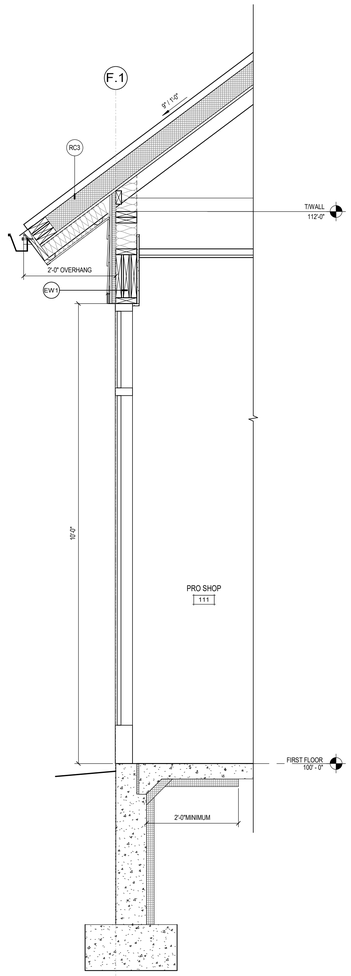
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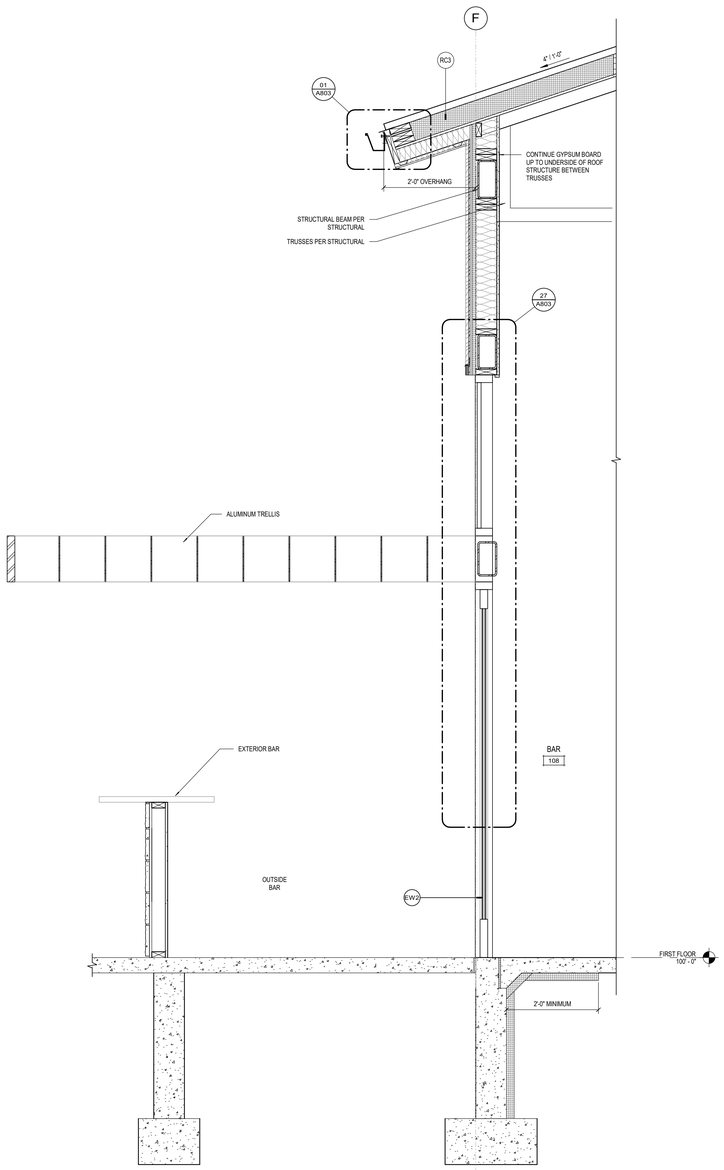
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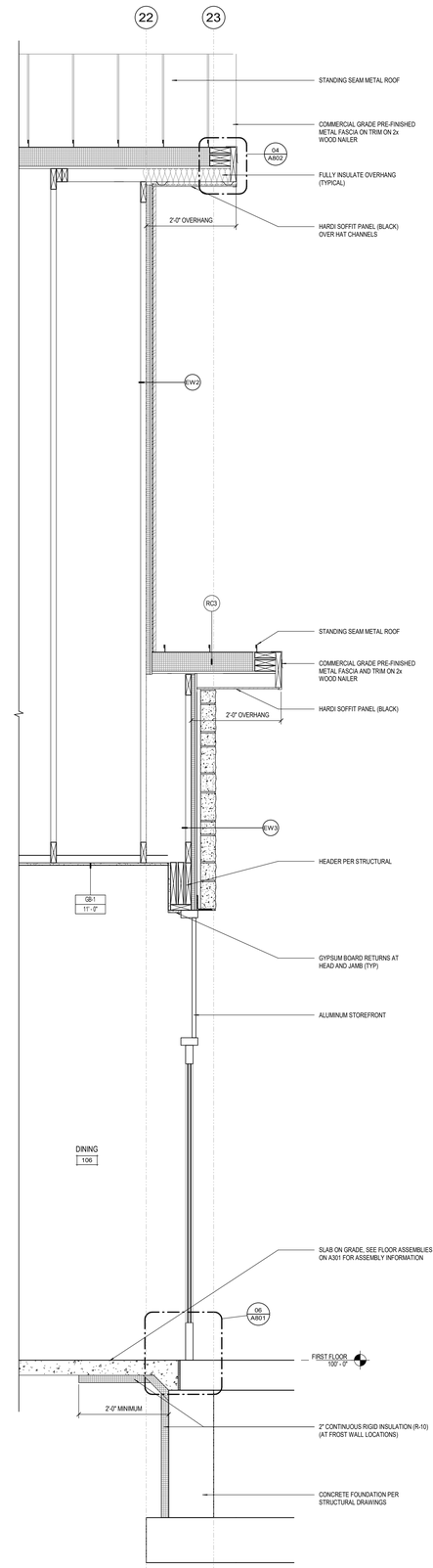
26 A701 WALL SECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"



21 A701 WALL SECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"



16 A701 WALL SECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"



01 A701 WALL SECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"

Sheet Size: 30" x 42" (Arch E1)

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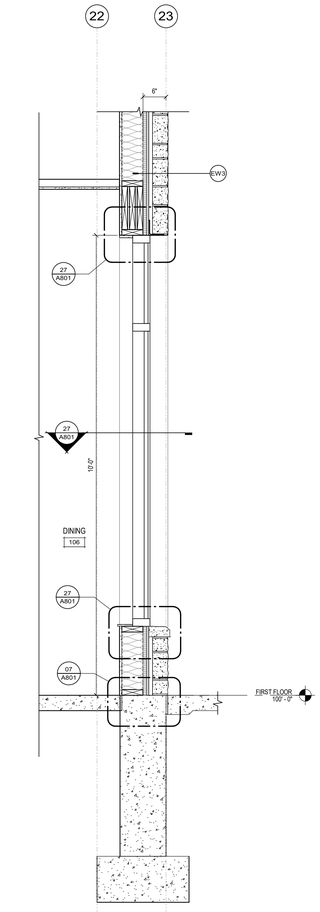
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JAD

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AJR

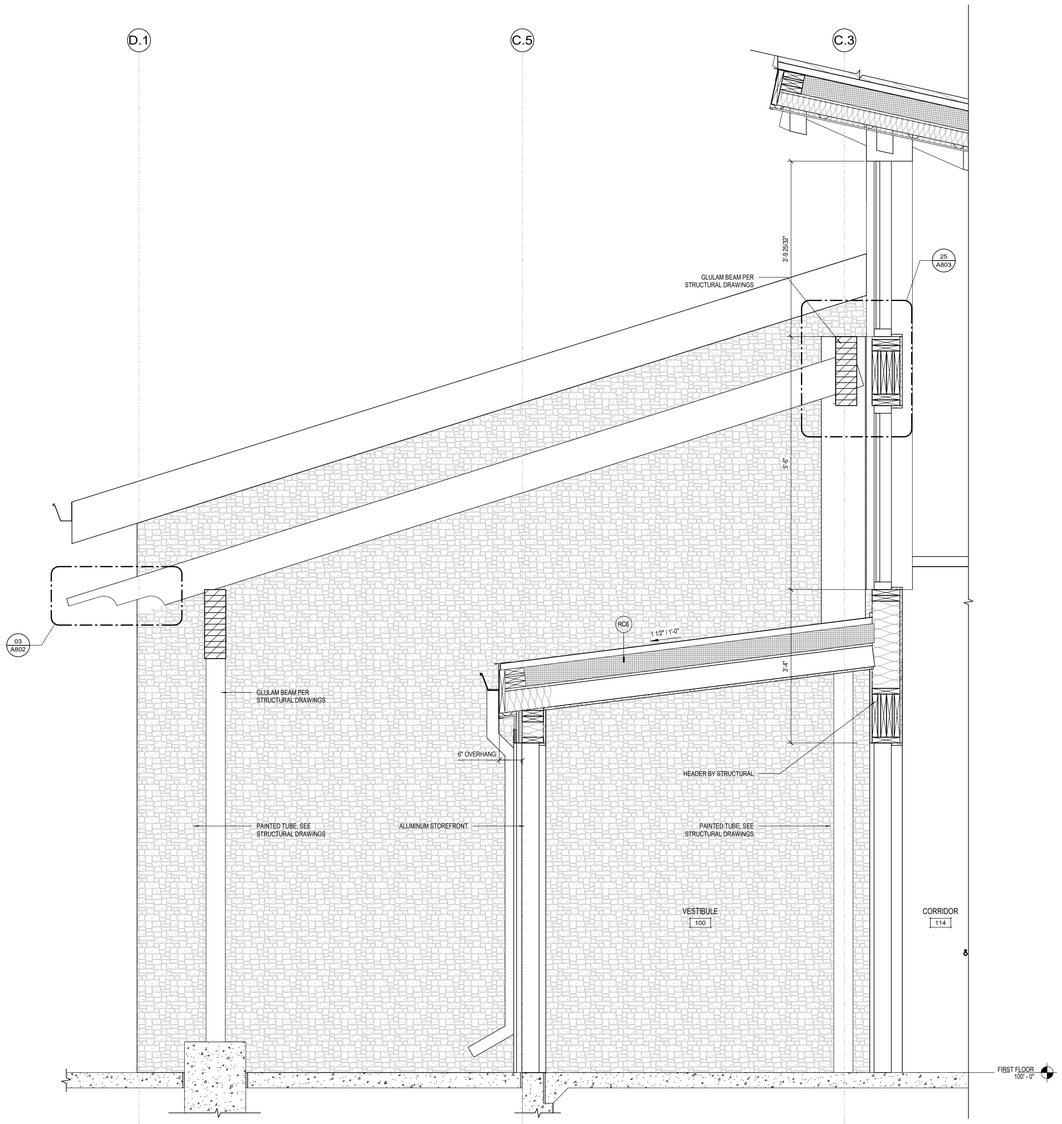
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WALL SECTIONS - CLUBHOUSE
BUILDING A

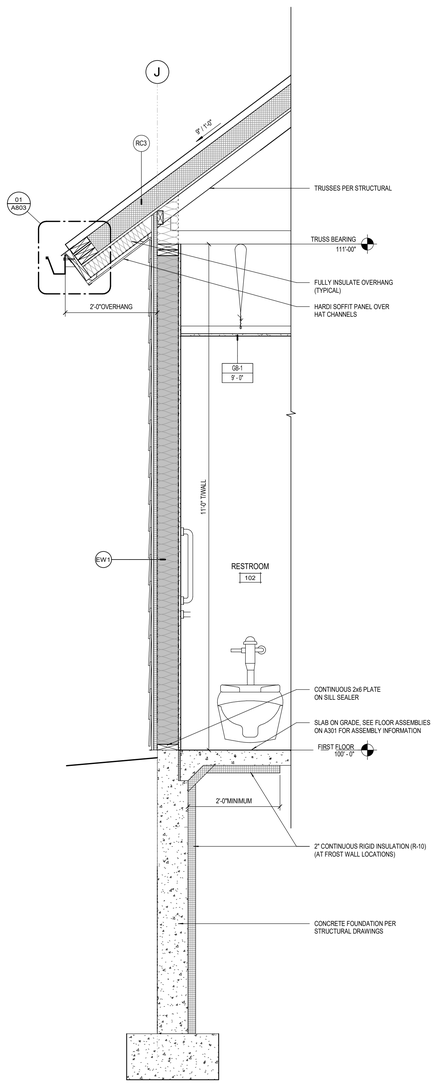
A701



31 A702 STONE WALL/WINDOW SECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"



21 A702 ENTRY SECTIONS - CLUBHOUSE
SCALE: 3/4" = 1'-0"



01 A702 WALL ECTION - CLUBHOUSE
SCALE: 3/4" = 1'-0"

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Sheet Size: 30" x 42" (Arch E1)

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SUN PRAIRIE, WI 53590

PRAIRIE PINES GOLF CLUB

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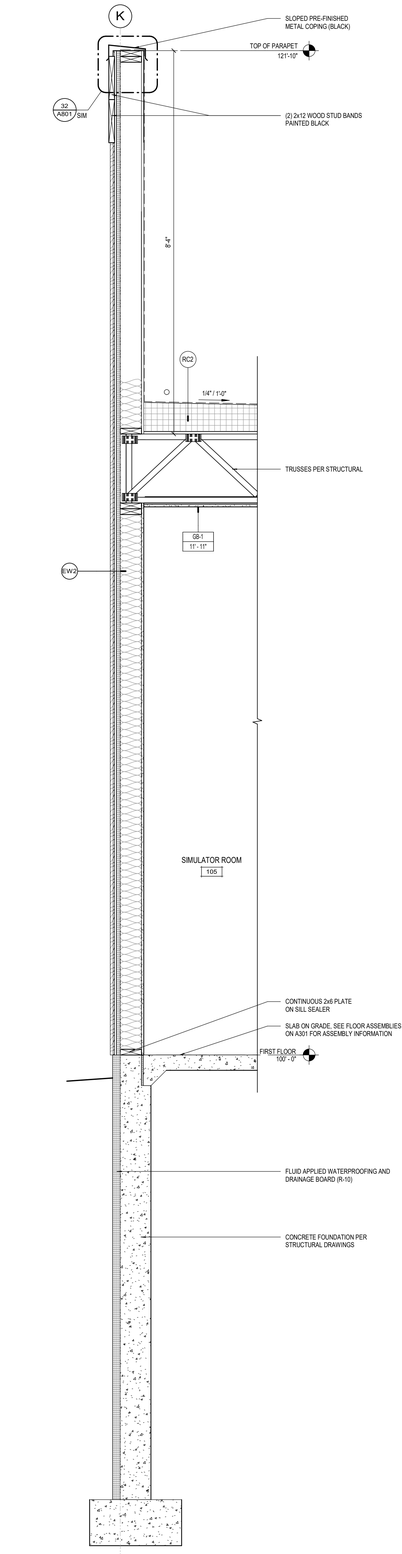
APPROVED BY
Approver

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AJR

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JPS

WALL SECTIONS - CLUBHOUSE BUILDING A

A702



01 / A703 WALL SECTION - CLUBHOUSE

SCALE: 3/4" = 1'-0"

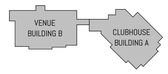
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Approver

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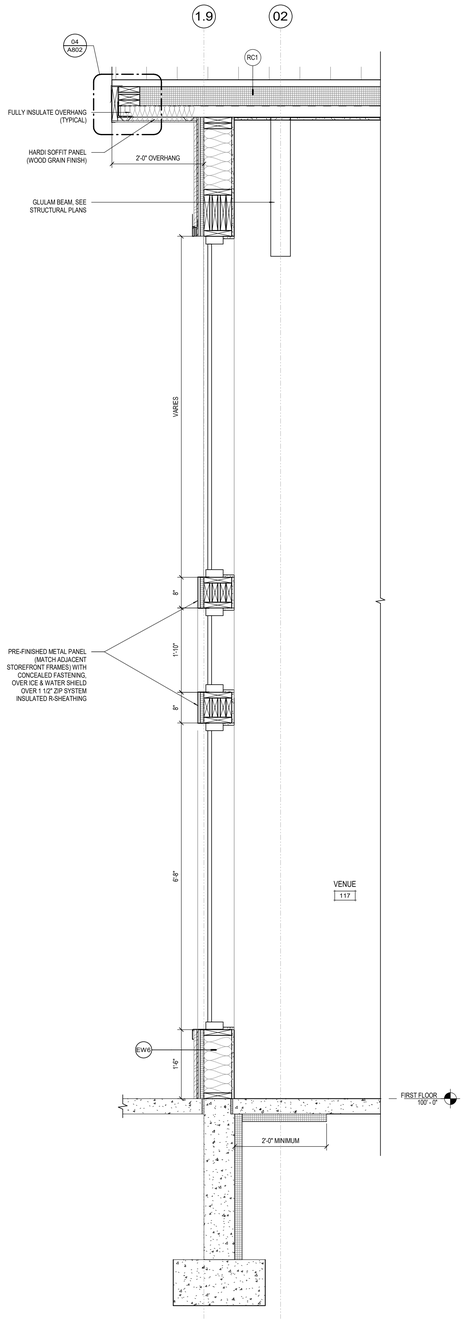
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Author

WALL SECTIONS - CLUBHOUSE BUILDING A

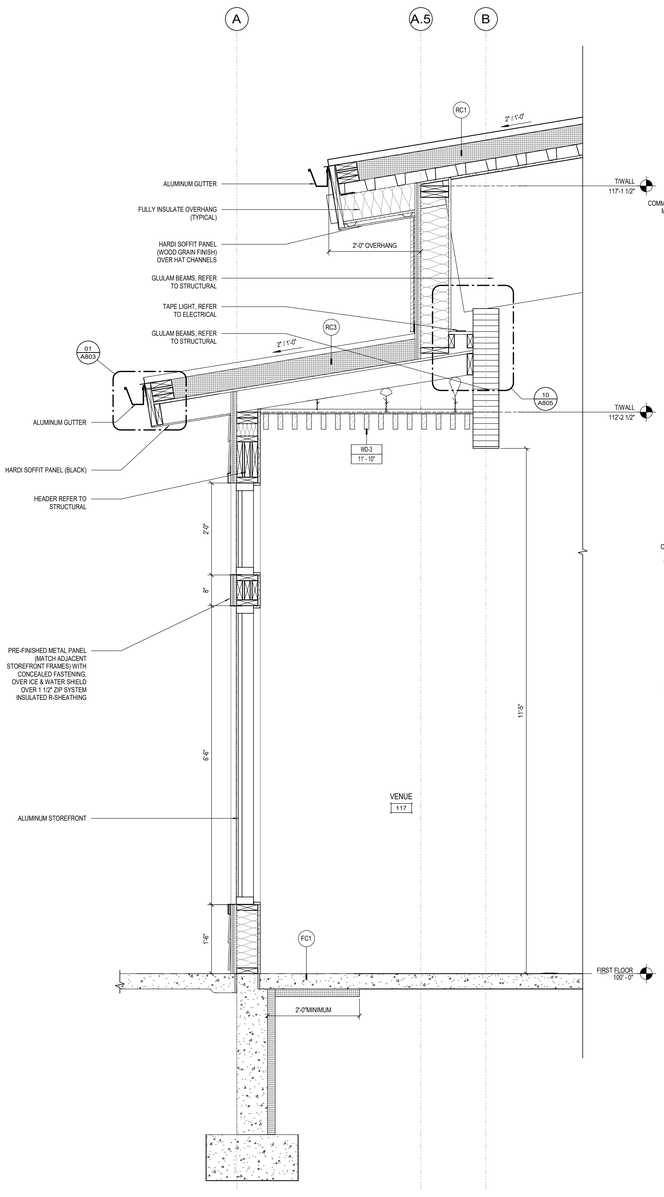
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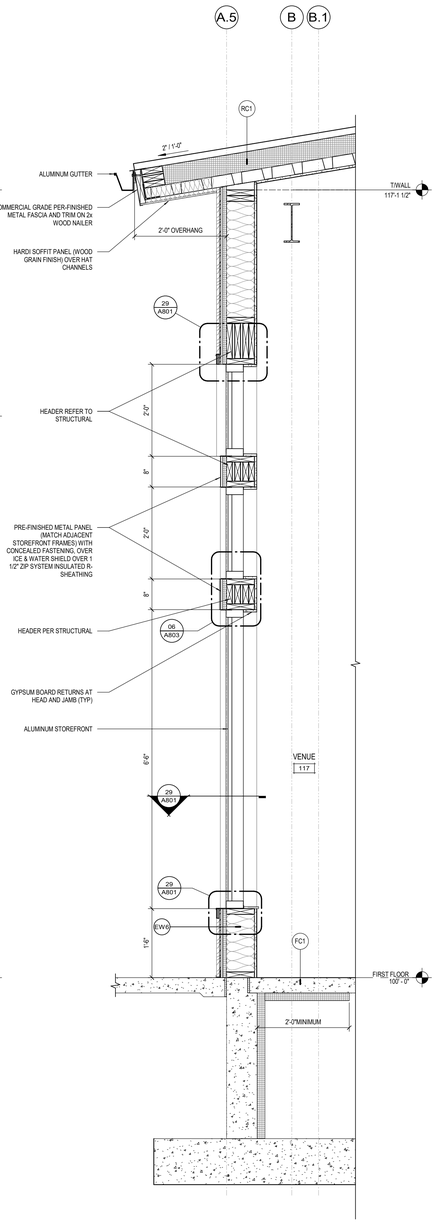
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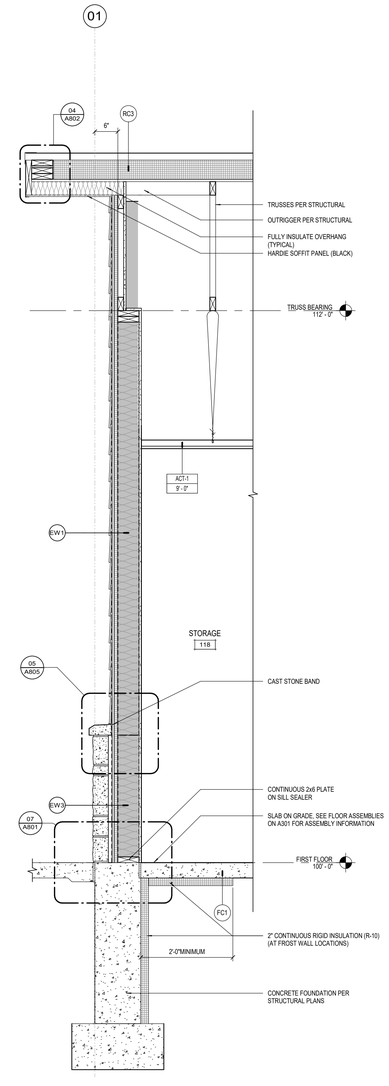
26 / A704 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"



21 / A704 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"



11 / A704 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"



01 / A704 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"

Sheet Size: 30" x 42" (Arch E1)

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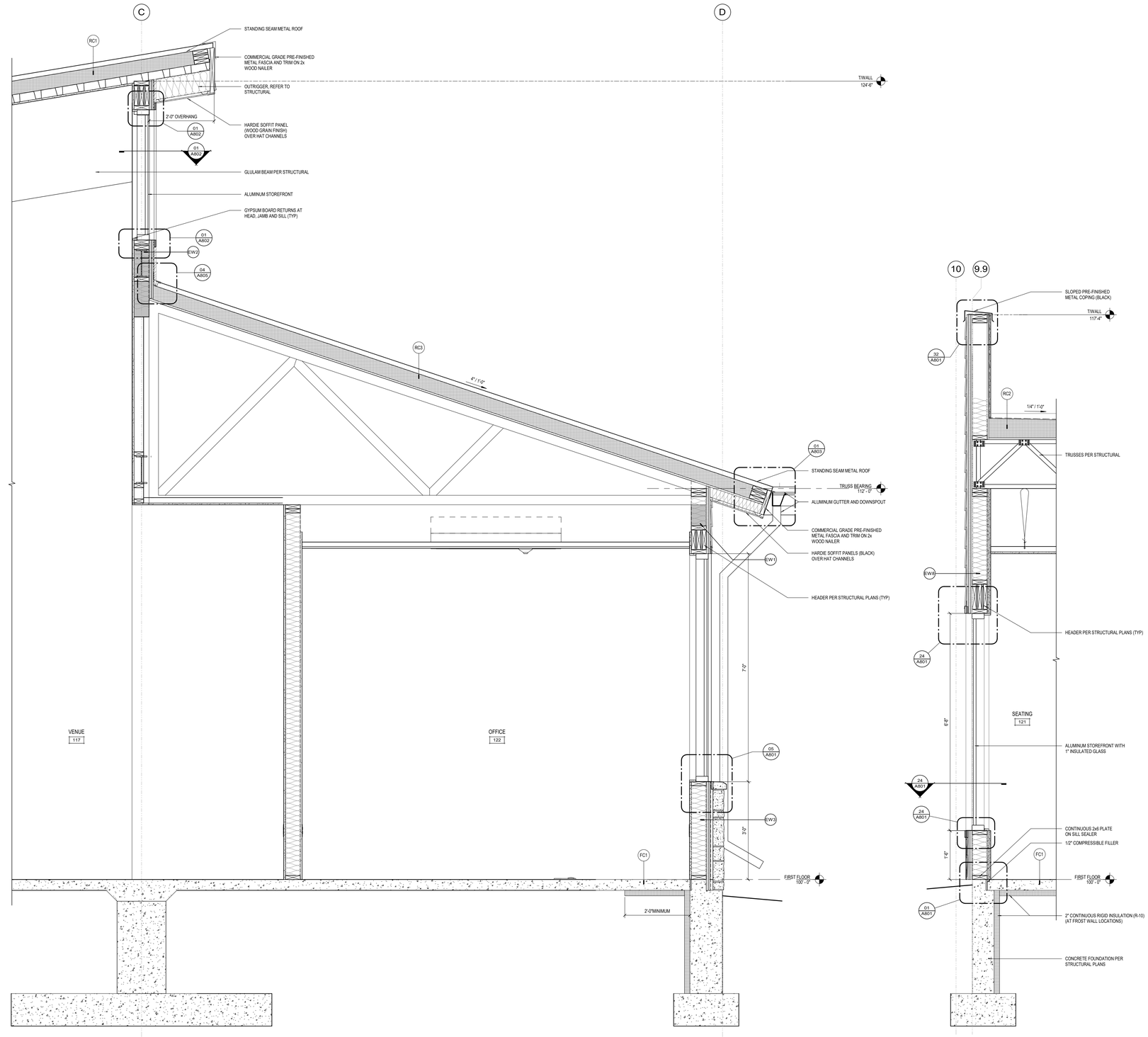
APPROVED BY
AYA

REVIEWED BY
AJR

DRAWN BY
JPS

WALL SECTIONS - VENUE
BUILDING B

A704



21 A705 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"

01 A705 WALL SECTION - VENUE
SCALE: 3/4" = 1'-0"

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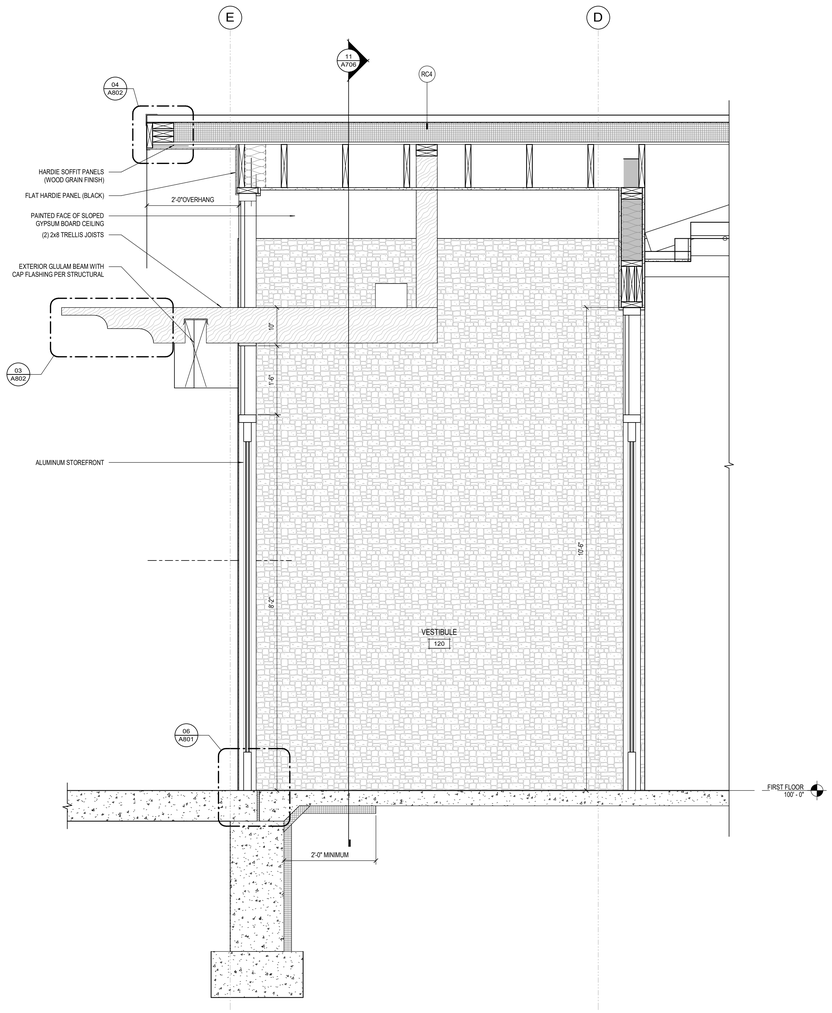
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WALL SECTIONS - VENUE
BUILDING B

A705

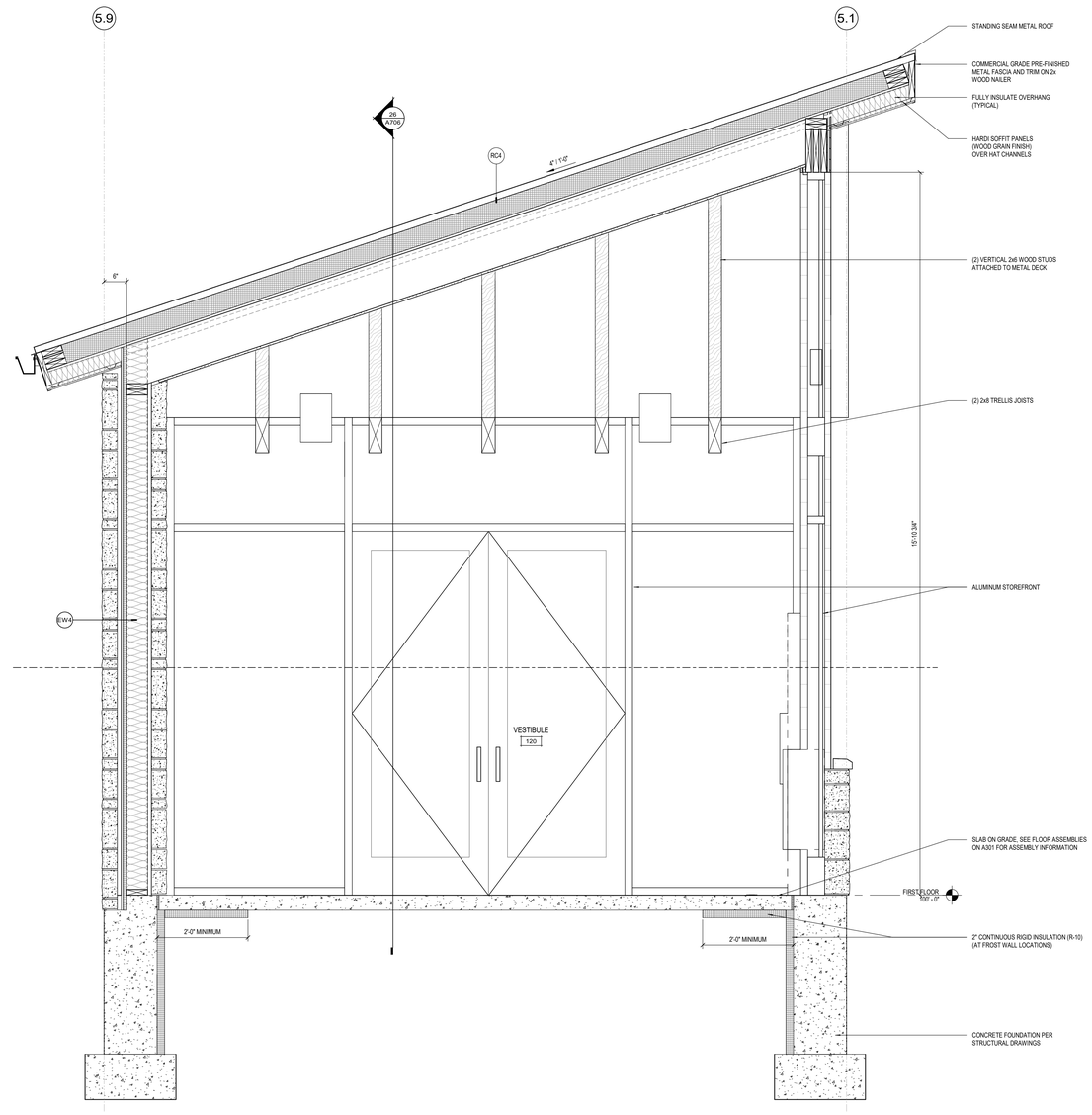
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Sheet Size: 30" x 42" (Arch E1)



26 / A706 ENTRY SECTION - VENUE

SCALE: 3/4" = 1'-0"



11 / A706 ENTRY SECTION - VENUE

SCALE: 3/4" = 1'-0"

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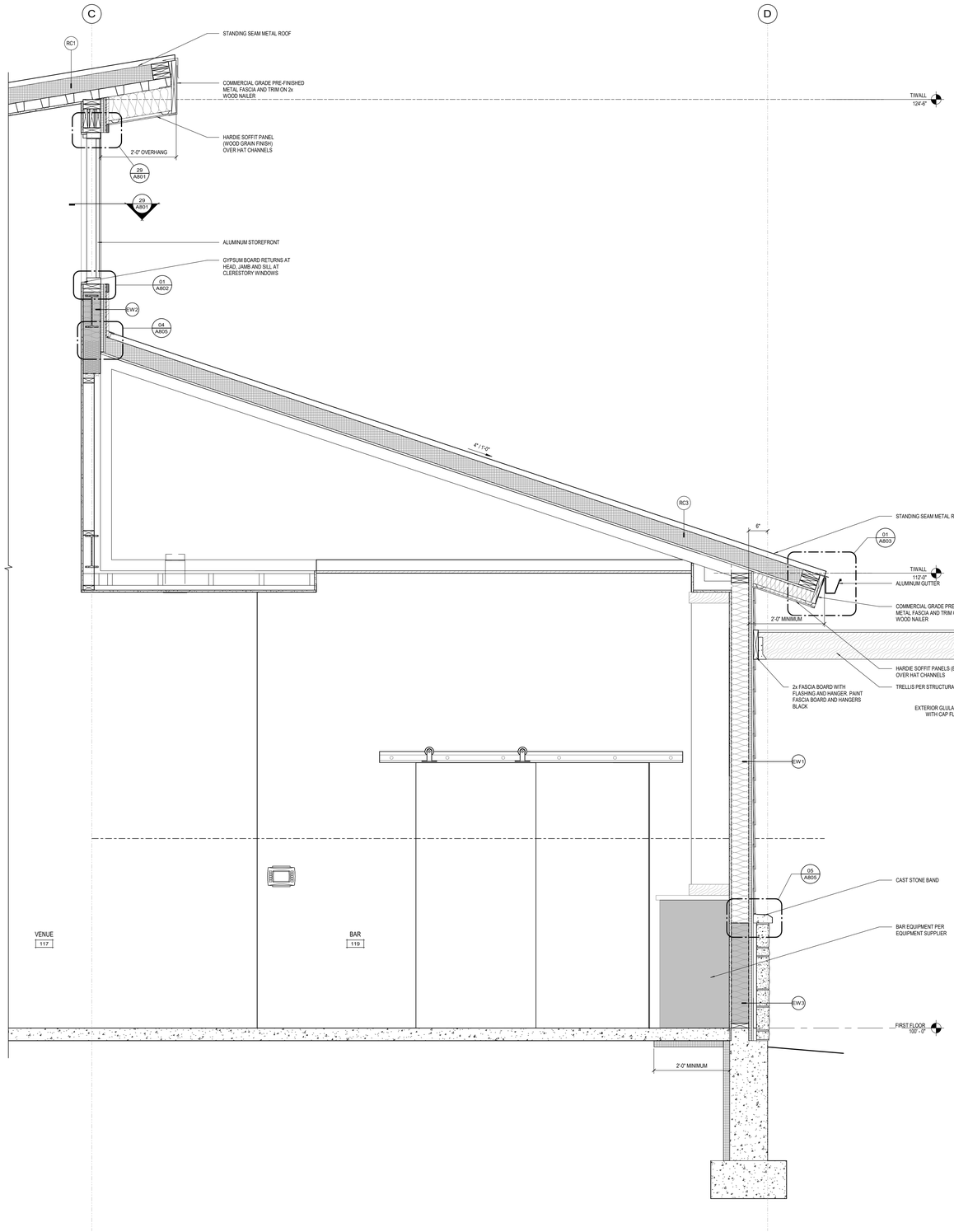
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AJR

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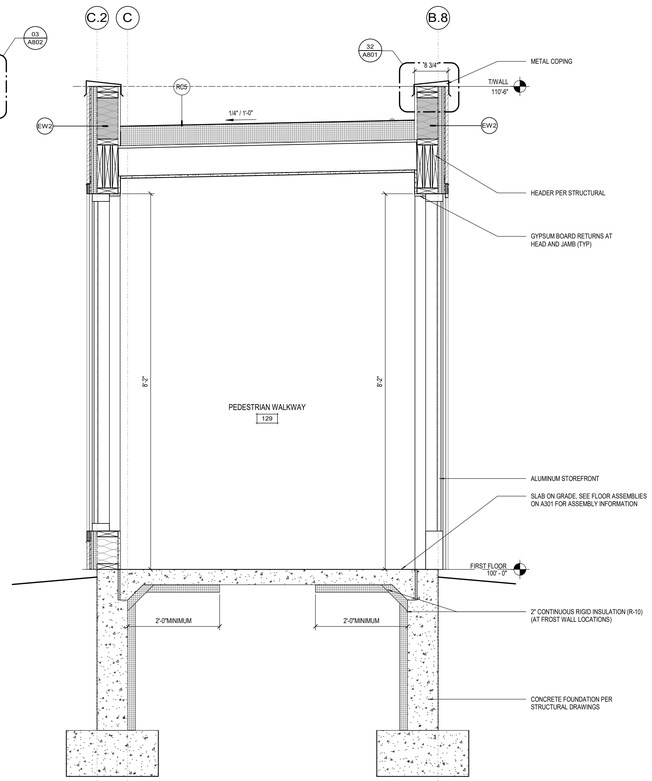
WALL SECTIONS - VENUE
BUILDING B

A706



31 A707 SECTION AT VENUE BAR

SCALE: 3/4" = 1'-0"



06 A707 PEDESTRIAN CORRIDOR SECTIONS - VENUE

SCALE: 3/4" = 1'-0"

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AJR

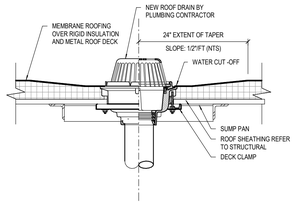
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WALL SECTIONS - VENUE BUILDING B

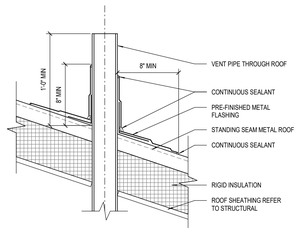
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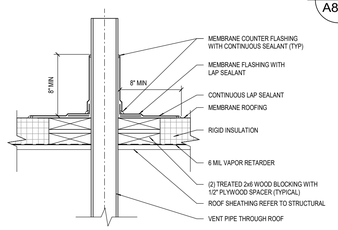
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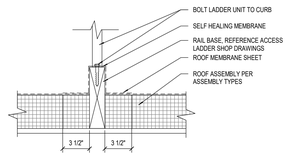
36 A801 ROOF DRAIN
SCALE: 1 1/2" = 1'-0"



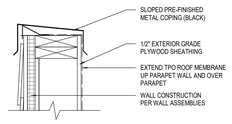
35 A801 VENT FLASHING
SCALE: 1 1/2" = 1'-0"



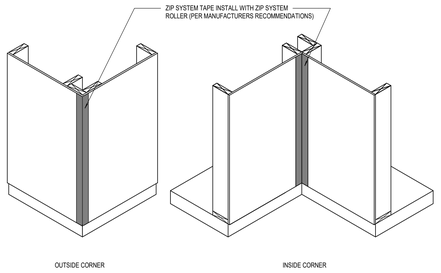
34 A801 VENT FLASHING
SCALE: 1 1/2" = 1'-0"



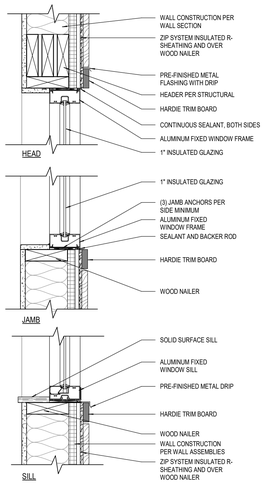
33 A801 ROOFTOP ACCESS LADDER CURB ATTACHMENT
SCALE: 1 1/2" = 1'-0"



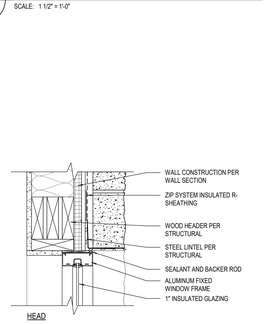
32 A801 PARAPET COPING
SCALE: 1 1/2" = 1'-0"



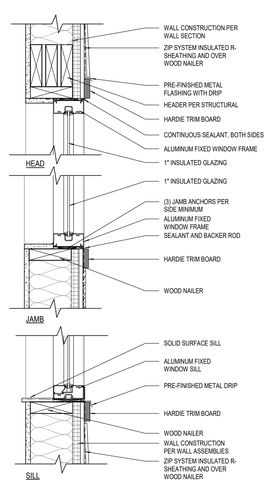
31 A801 ZIP SYSTEM AT INSIDE AND OUTSIDE CORNERS
SCALE: 1 1/2" = 1'-0"



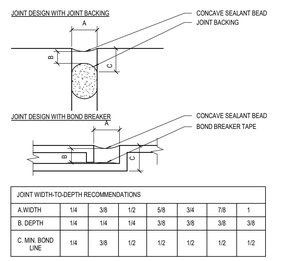
29 A801 EXTERIOR ALUMINUM WINDOW FRAME AT WOOD STUD WALL (BOARD & BATTEN)
SCALE: 1 1/2" = 1'-0"



27 A801 EXTERIOR ALUMINUM WINDOW FRAME AT WOOD STUD WALL (STONE)
SCALE: 1 1/2" = 1'-0"

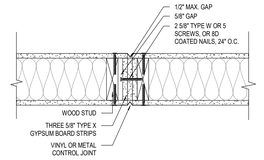


24 A801 EXTERIOR ALUMINUM WINDOW FRAME AT WOOD STUD WALL (LAP SIDING)
SCALE: 1 1/2" = 1'-0"

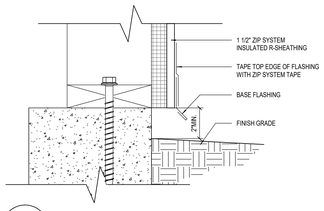


JOINT WIDTH-TO-DEPTH RECOMMENDATIONS							
A.WIDTH	1/4	3/8	1/2	5/8	3/4	7/8	1
B. DEPTH	1/4	1/4	1/4	3/8	3/8	3/8	3/8
C. MIN. BOND LINE	1/4	3/8	1/2	1/2	1/2	1/2	1/2

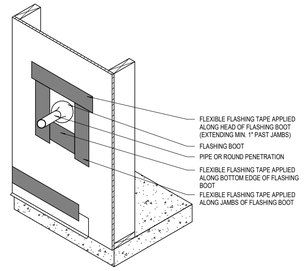
23 A801 SEALANT JOINT DETAIL
SCALE: 1" = 1'-0"



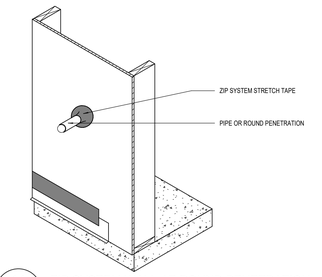
22 A801 1 HOUR WOOD FRAMED CONTROL JOINT
SCALE: 1 1/2" = 1'-0"



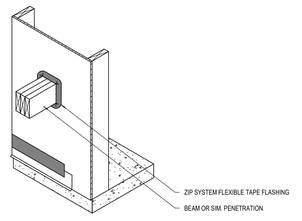
21 A801 ZIP SYSTEM AT BOTTOM OF WALL AT GRADE
SCALE: 3" = 1'-0"



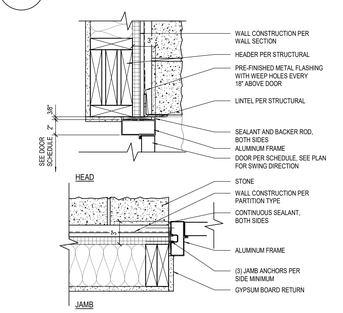
15 A801 ZIP SYSTEM WALL AT ROUND PENETRATION
SCALE: NTS



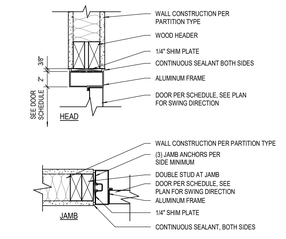
14 A801 ZIP SYSTEM WALL AT ROUND PENETRATION
SCALE: NTS



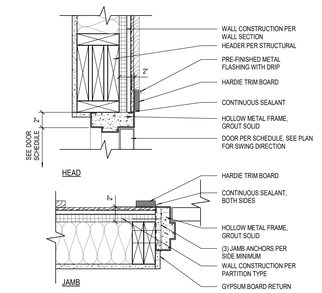
13 A801 ZIP SYSTEM WALL AT BEAM PENETRATION
SCALE: NTS



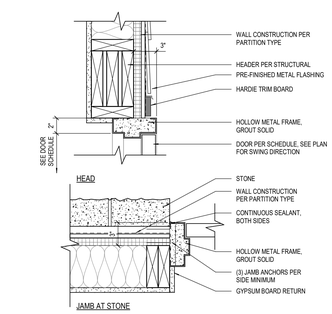
12 A801 EXTERIOR ALUMINUM DOOR FRAME AT WOOD STUD WALL (STONE)
SCALE: 1 1/2" = 1'-0"

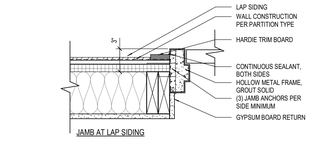


10 A801 INTERIOR ALUMINUM DOOR FRAME AT WOOD STUD WALL
SCALE: 1 1/2" = 1'-0"

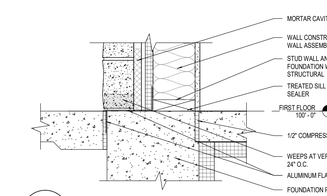


09 A801 EXTERIOR HOLLOW METAL DOOR FRAME AT WOOD STUD WALL (BOARD & BATTEN)
SCALE: 1 1/2" = 1'-0"

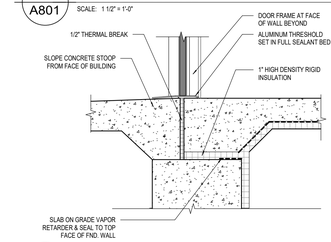




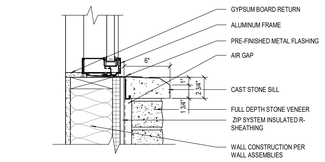
08 A801 EXTERIOR HOLLOW METAL DOOR FRAME AT WOOD STUD WALL (SIDING & STONE)
SCALE: 1 1/2" = 1'-0"



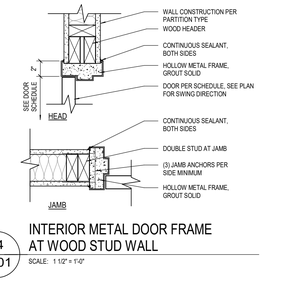
07 A801 STONE BASE DETAIL
SCALE: 1 1/2" = 1'-0"



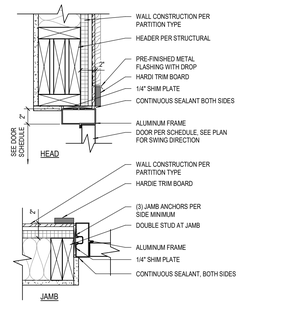
06 A801 DOOR THRESHOLD / STOOP
SCALE: 1 1/2" = 1'-0"



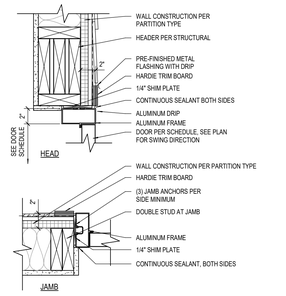
05 A801 CAST STONE SILL
SCALE: 1 1/2" = 1'-0"



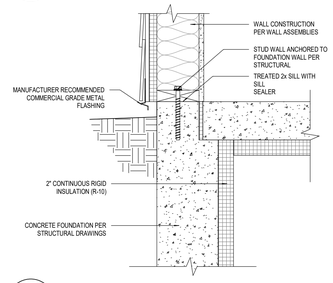
04 A801 INTERIOR METAL DOOR FRAME AT WOOD STUD WALL
SCALE: 1 1/2" = 1'-0"



03 A801 EXTERIOR ALUMINUM DOOR FRAME AT WOOD STUD WALL(BOARD & BATTEN)
SCALE: 1 1/2" = 1'-0"



02 A801 EXTERIOR ALUMINUM DOOR FRAME AT WOOD STUD WALL (SIDING)
SCALE: 1 1/2" = 1'-0"



01 A801 EXTERIOR WALL BASE
SCALE: 1 1/2" = 1'-0"

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AYA

REVIEWED BY
AJR

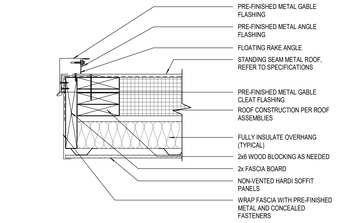
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GENERAL DETAILS

A801

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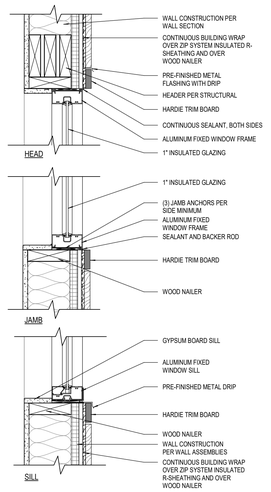


04 / A802 TYPICAL STANDING SEAM RAKE DETAIL

SCALE: 1 1/2" = 1'-0"

03 / A802 TRELLIS PROFILE

SCALE: 1 1/2" = 1'-0"



01 / A802 EXTERIOR ALUMINUM WINDOW FRAME AT WOOD STUD WALL (BOARD & BATTEN)

SCALE: 1 1/2" = 1'-0"

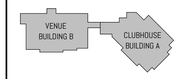
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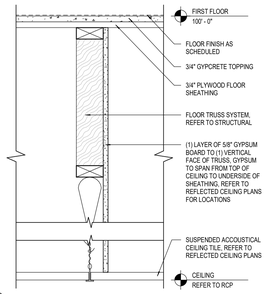
REVIEWED BY
Checker

DRAWN BY
Author

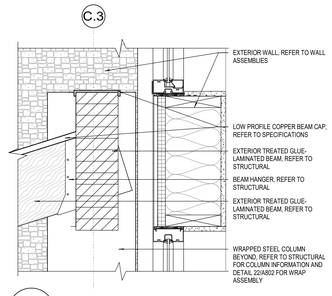
GENERAL DETAILS

A802

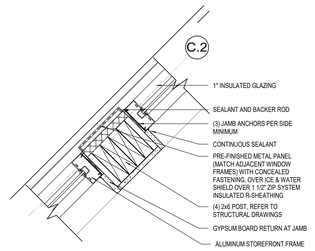
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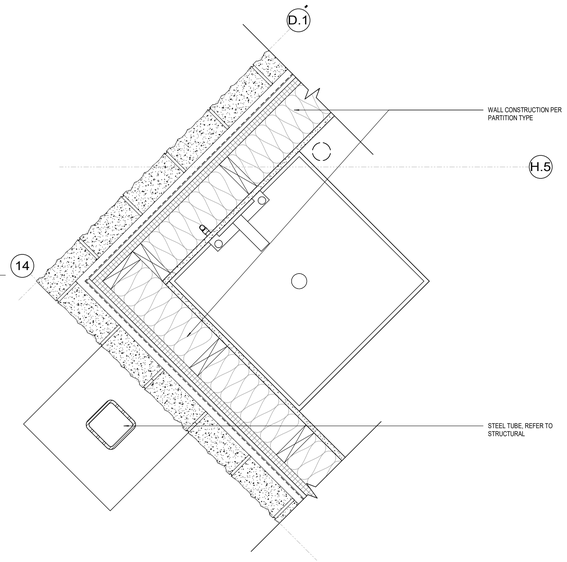
30 A803 SECTION AT DRAFTSTOPPING
SCALE: 1 1/2" = 1'-0"



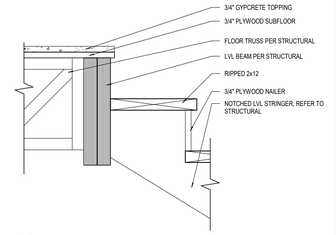
25 A803 EXTERIOR WOOD BEAM CAP DETAIL
SCALE: 1 1/2" = 1'-0"



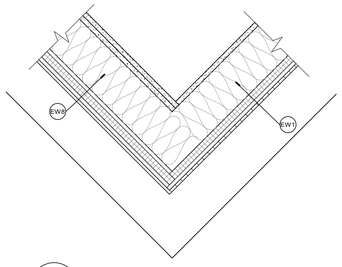
20 A803 COLUMN AT STOREFRONT JAMBS
SCALE: 1 1/2" = 1'-0"



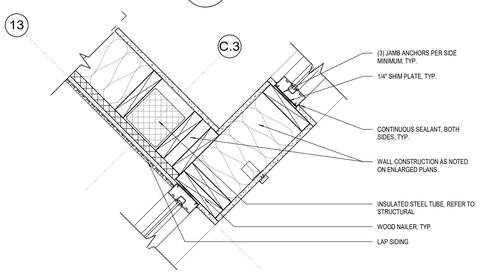
14 A803 PLAN DETAIL EXTERIOR COLUMN AT MASONRY
SCALE: 1 1/2" = 1'-0"



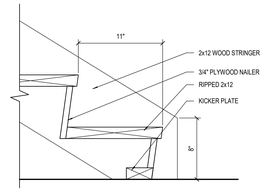
05 A803 WOOD STAIR HEAD SECTION
SCALE: 1 1/2" = 1'-0"



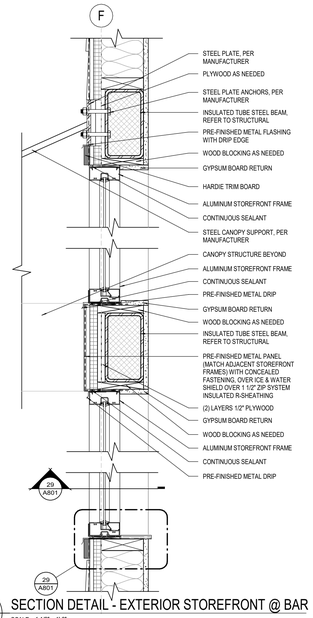
29 A803 2 HOUR RATED WALL TRANSITION.
SCALE: 1 1/2" = 1'-0"



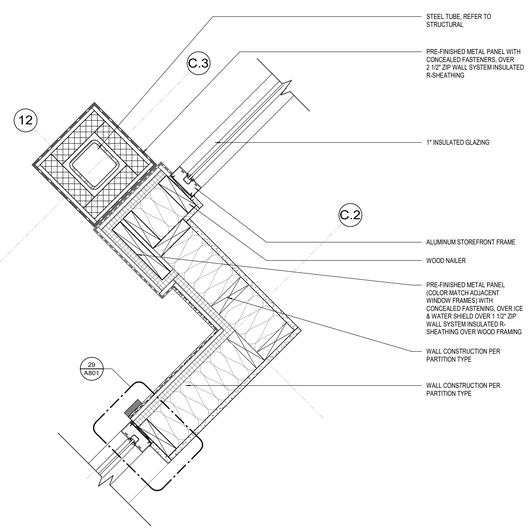
24 A803 STEEL COLUMN AT VESTIBULE CORNER
SCALE: 1 1/2" = 1'-0"



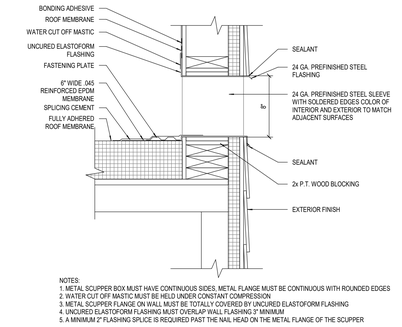
04 A803 WOOD STAIR TOE SECTION
SCALE: 1 1/2" = 1'-0"



27 A803 SECTION DETAIL - EXTERIOR STOREFRONT @ BAR
SCALE: 1 1/2" = 1'-0"

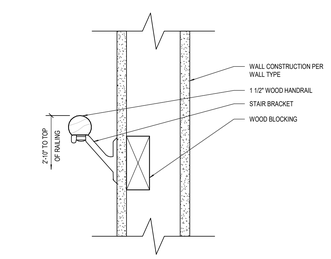


22 A803 EXTERIOR COLUMN AT CORNER MULLION
SCALE: 1 1/2" = 1'-0"

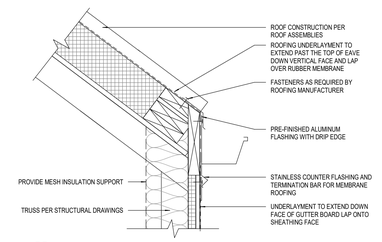


NOTES:
1. METAL SCUPPER BOX MUST HAVE CONTINUOUS SIDES. METAL FLANGE MUST BE CONTINUOUS WITH ROUNDED EDGES
2. WATER CUT OFF MASTIC MUST BE HELD UNDER CONSTANT COMPRESSION
3. METAL SCUPPER FLANGE ON WALL MUST BE TOTALLY COVERED BY UNCURED ELASTOFORM FLASHING
4. UNCURED ELASTOFORM FLASHING MUST OVERLAP WALL FLASHING 3" MINIMUM
5. A MINIMUM 2" FLASHING SPLICE IS REQUIRED PAST THE NAIL HEAD ON THE METAL FLANGE OF THE SCUPPER

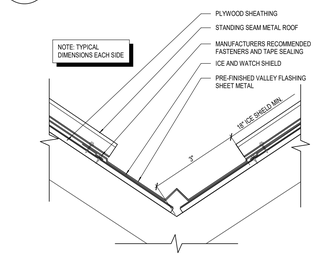
08 A803 THRU-WALL OVERFLOW SCUPPER
SCALE: 1 1/2" = 1'-0"



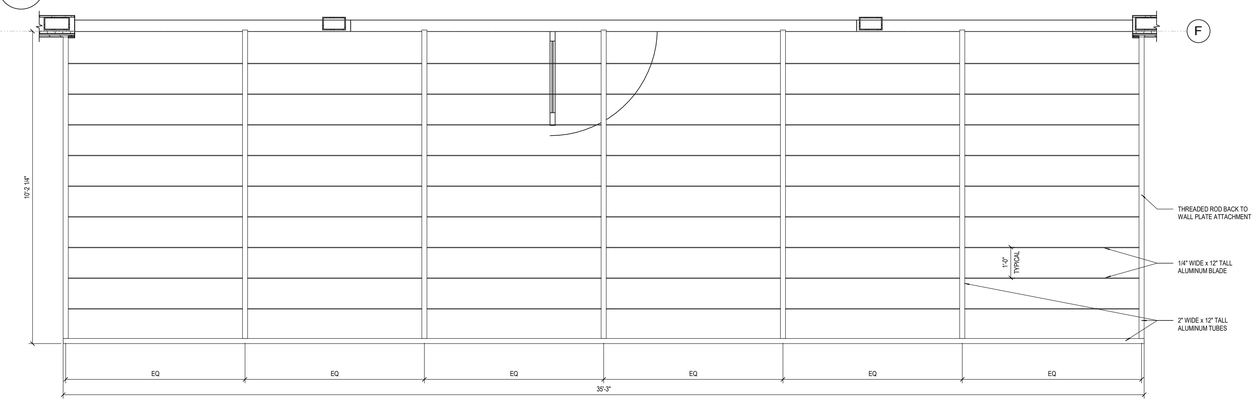
03 A803 WOOD RAILING
SCALE: 3" = 1'-0"



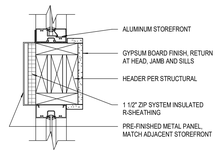
07 A803 ROOF CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"



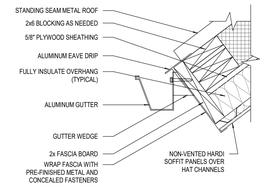
02 A803 TYPICAL OPEN VALLEY FLASHING
SCALE: 1 1/2" = 1'-0"



31 A803 ALUMINUM TRELLIS
SCALE: 1/2" = 1'-0"



06 A803 HEAD/SILL CONDITION
SCALE: 1 1/2" = 1'-0"



01 A803 FASCIA DETAIL
SCALE: 1 1/2" = 1'-0"

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Approver

REVIEWED BY
AJR

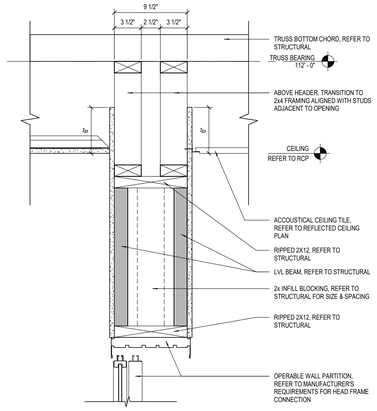
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DETAILS - CLUBHOUSE BUILDING A

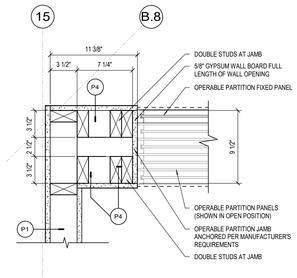
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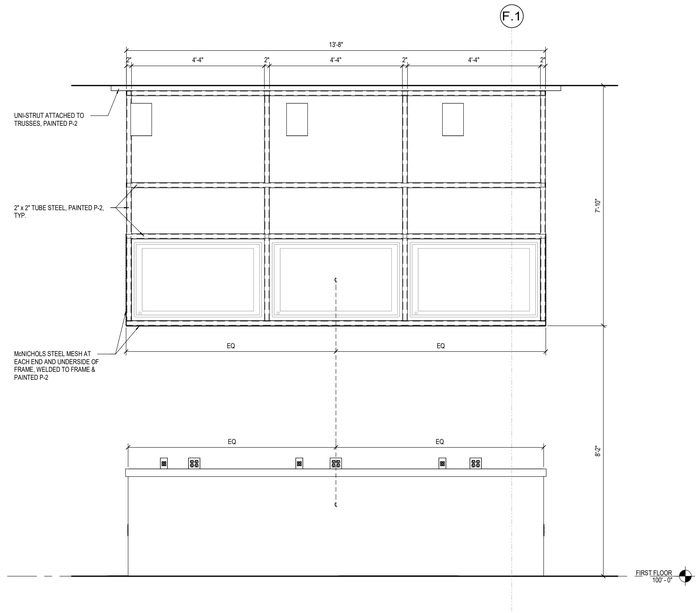
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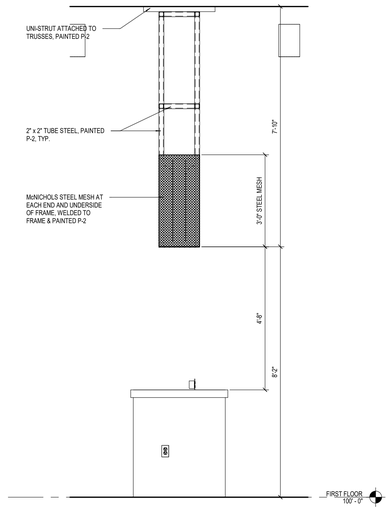
33 A804 PRO SHOP 111 OPERABLE PARTITION HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



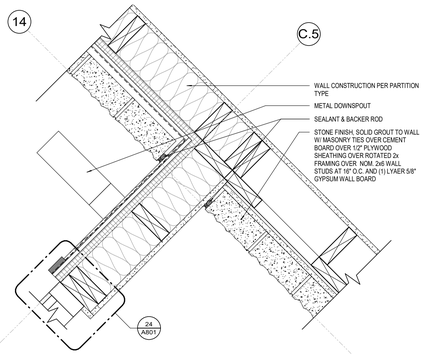
23 A804 PLAN DETAIL AT OPERABLE PARTITION JAMB
SCALE: 1 1/2" = 1'-0"



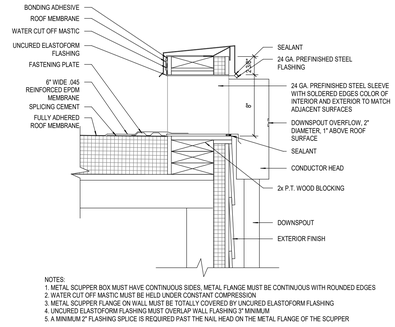
19 A804 SUSPENDED BACK BAR SIDE ELEVATION
SCALE: 1/2" = 1'-0"



04 A804 SUSPENDED BACK BAR END ELEVATION
SCALE: 1/2" = 1'-0"

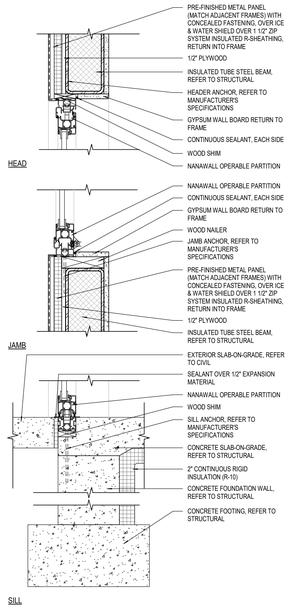


32 A804 A804/29 - STONE TRANSITION AT CLUBHOUSE VESTIBULE
SCALE: 1 1/2" = 1'-0"

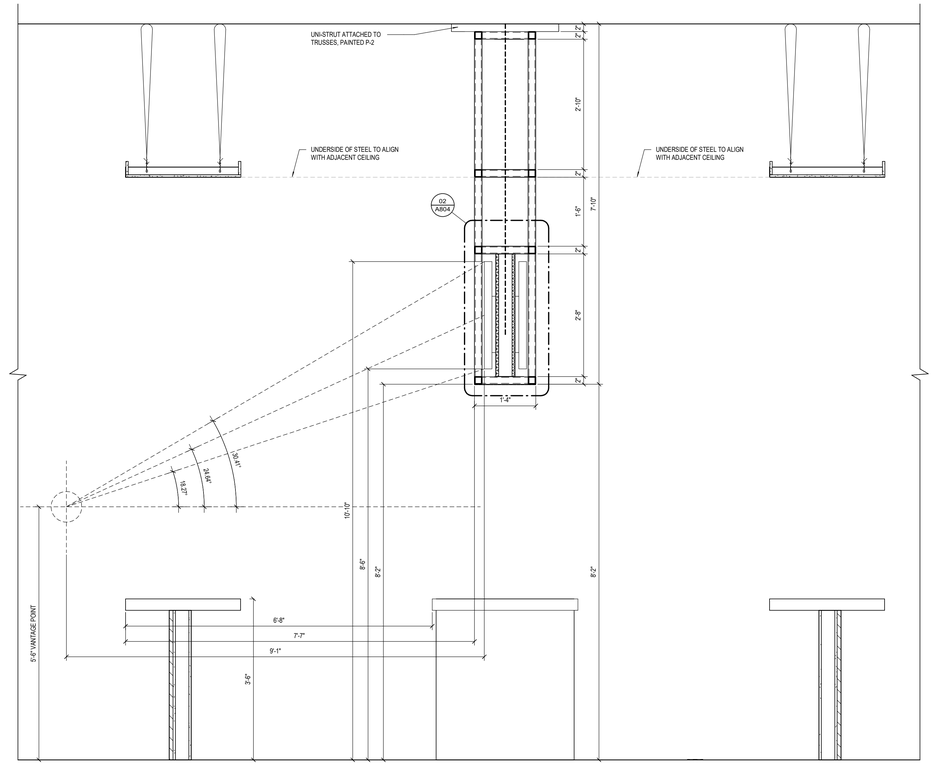


NOTES:
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2. WATER CUT OFF MASTIC MUST BE HELD UNDER CONSTANT COMPRESSION
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4. UNCURED ELASTOFORM FLASHING MUST OVERLAP WALL FLASHING 3" MINIMUM
5. A MINIMUM 2" FLASHING SPLICE IS REQUIRED PAST THE NAIL HEAD ON THE METAL FLANGE OF THE SCUPPER

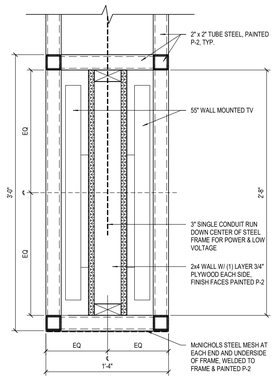
31 A804 THRU-WALL SCUPPER WITH DOWNSPOUT
SCALE: 1 1/2" = 1'-0"



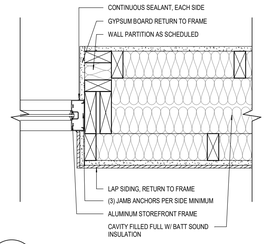
21 A804 NANAWALL DETAILS
SCALE: 1 1/2" = 1'-0"



16 A804 SECTION DETAIL - BACK BAR OVERALL
SCALE: 3/4" = 1'-0"



02 A804 BACK BAR TV MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"



01 A804 JAMB DETAIL AT DOUBLE WALL
SCALE: 1 1/2" = 1'-0"

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Approver

REVIEWED BY
Checker

DRAWN BY
Author

DETAILS - CLUBHOUSE BUILDING A

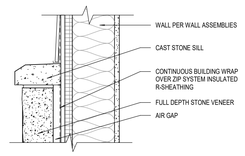
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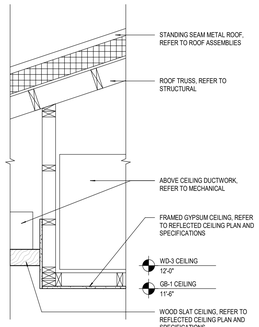
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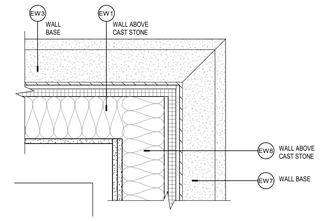
10 A805 LIGHT COVE AT VENUE
SCALE: 1 1/2" = 1'-0"



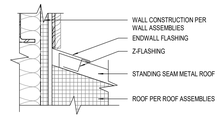
05 A805 CAST STONE BAND
SCALE: 1 1/2" = 1'-0"



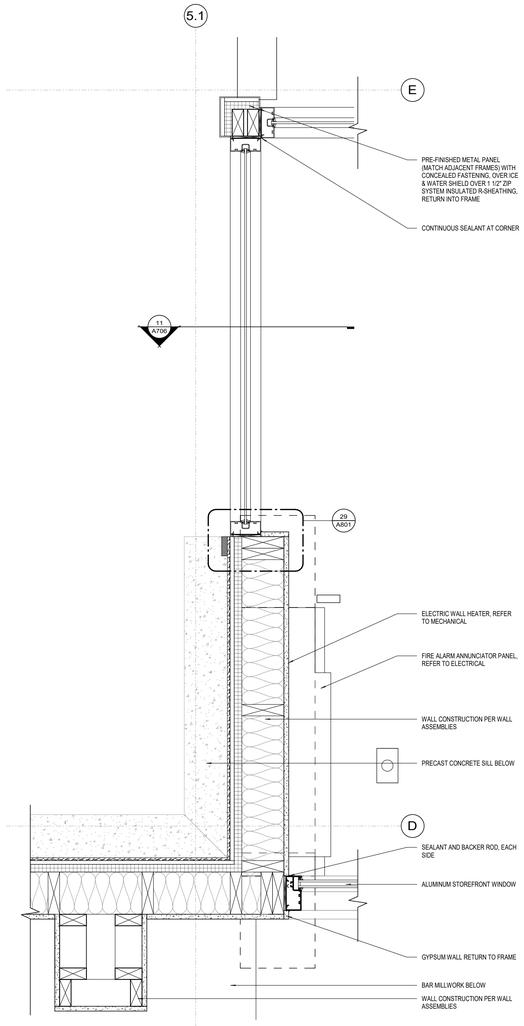
19 A805 CEILING TRANSITION AT WOOD SLATS
SCALE: 3/4" = 1'-0"



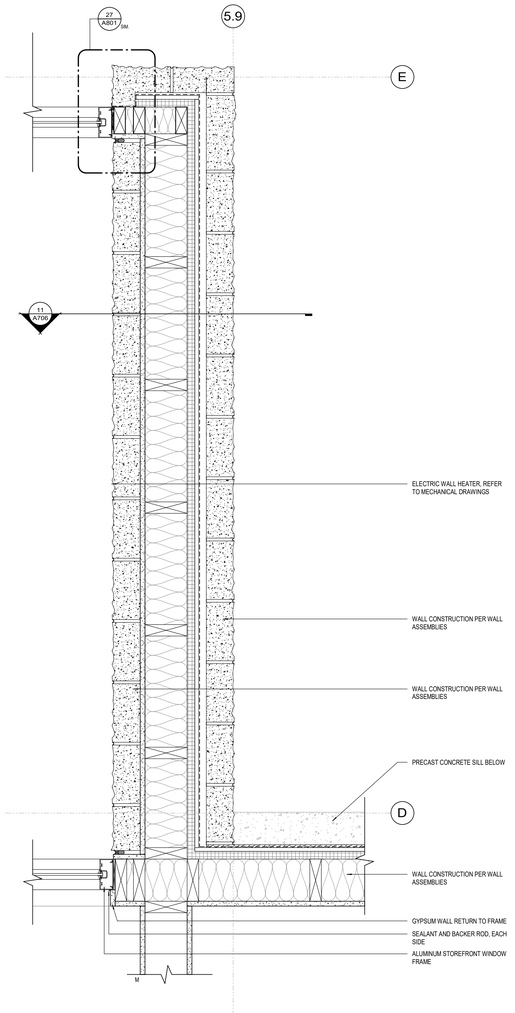
09 A805 2 HOUR RATED WALL TRANSITION
SCALE: 1 1/2" = 1'-0"



04 A805 WALL TO ROOF FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



16 A805 PLAN DETAIL AT VESTIBULE CORNER
SCALE: 1 1/2" = 1'-0"



06 A805 PLAN DETAIL AT VESTIBULE STONE WRAP
SCALE: 1 1/2" = 1'-0"

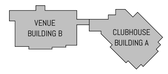
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KEYPLAN



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PROJECT NUMBER
76290

APPROVED BY
Approver

REVIEWED BY
Checker

DRAWN BY
Author

DETAILS - VENUE BUILDING B

A805

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Sheet Size: 30" x 42" (Arch E1)

ROOM SCHEDULE

Number	Name	Floor Finish	Base Material	Wall Finish	Wainscot Finish	Wainscot Height	Ceiling Finish	Soffit Finish	General Notes
000	BASEMENT	SEALED CONCRETE	RB-3	PT-1					
100	VESTIBULE	WO-1	RB-1	PT-1			GYP		
101	STORAGE	SEALED CONCRETE	RB-3	PT-1			ACT		
102	RESTROOM	CT-5	CT-4	CT-4 / PT-3	CT-4	5' - 0"	GYP		
103	RESTROOM	CT-5	CT-4	CT-4 / PT-3	CT-4	5' - 0"	GYP		
104	KITCHEN	EPOXY COATING	RB-3	FRP			VINYL WRAPPED ACT		
105	SIMULATOR ROOM	EWF-1	RB-1	PAINT			GYP		
106	DINING	EWF-1	RB-1	PT-1 / WD-2			GYP		
108	BAR	EWF-1	CT-1 (BAR FACE)	CT-1 (BAR FACE)			EXPOSED PAINTED STRUCTURE		
109	BAR SEATING	EWF-1	RB-1	REFER TO FINISH PLAN	WOOD PANEL - WD-1	8' - 0"	EXPOSED PAINTED STRUCTURE	GYP	
110	OFFICE	CPT-1	RB-1	PT-1			GYP		
111	PRO SHOP	EWF-1	RB-1	PT-1			ACT		
112	OFFICE	CPT-1	RB-1	PT-1			GYP		
113	OFFICE	CPT-1	RB-1	PT-1			GYP		
114	CORRIDOR	EWF-1	RB-1	PT-1			GYP/EXPOSED		
114A	COAT STORAGE	EWF-1	RB-1	PT-1			GYP		
115	RESTROOM	CT-5	CT-6 & CT-7	CT-6 & CT-7 / PT-6	CT-6	5' - 0"	GYP		CT-7 FULL HEIGHT AT SINK
116	RESTROOM	CT-3	CT-8	CT-8 / PT-7	CT-8	5' - 0"	GYP		CT-8 FULL HEIGHT AT SINK
117	VENUE	STAINED/ POLISHED CONCRETE	RB-2	REFER TO FINISH PLAN			GYP, EXPOSED BEAMS, WD-3		See RCP for WD-3 Location
118	STORAGE	SEALED CONCRETE	N/A	PT-1			ACT		
119	BAR	STAINED/ POLISHED CONCRETE	RB-2	PT-1			WOOD SLAT		*FRP BEHIND BAR COUNTER
120	VESTIBULE	WO-1	RB-2	PT-1			EXPSED		
121	SEATING	STAINED/ POLISHED CONCRETE	RB-2	PT-1			GYP		
122	OFFICE	STAINED/ POLISHED CONCRETE	RB-2	PT-1			ACT		
123	CLOSET	STAINED/POLISHED CONCRETE	RB-2	PT-1			GYP		
124	TOILET	CT-9	CT-10	CT-10/ PT-1	CT-10	3' - 4"	GYP		
125	CLOSET	STAINED/ POLISHED CONCRETE	N/A	PT-1			GYP		
126	BRIDAL SUITE	STAINED/ POLISHED CONCRETE	RB-2	PT-1			GYP		
127	WARMING KITCHEN	EPOXY COATING	RB-3	FRP			VINYL WRAPPED ACT		
128	CORRIDOR	STAINED/ POLISHED CONCRETE	RB-2	PT-1			GYP		
129	PEDESTRIAN WALKWAY	EWF-1	RB-1	PT-1			EXPOSED		
D02	DUMBWAITER		N/A	N/A			N/A		

FLOOR FINISH KEY

- CPT-1
- CT-3
- CT-5
- CT-9
- EPOXY COATING
- EWF-1
- SEALED CONCRETE
- STAINED/ POLISHED CONCRETE
- WO-1

SHEET NOTES:

1. ALL WALL SURFACES TO BE PAINTED PT-1; UNLESS OTHERWISE NOTED. REFER TO MATERIAL SCHEDULE FOR DOOR TRIM, ACCENT PAINT, AND CEILING PAINT REFERENCE COLORS. FINAL PAINT COLORS AND LOCATIONS ARE STILL TBD WITH OWNER.
2. ALL DOOR FRAMES TO BE PREPPED AND PAINTED AND/OR STAINED. REFER TO A301 FOR DETAILS.
3. ALL TRANSITIONS TO MEET ADA REQUIREMENTS. CONTRACTOR RESPONSIBLE FOR FEATHERING FLOOR FOR FLUSH TRANSITION BETWEEN MATERIALS OR USE SLIMLINE TRANSITION STRIM - SIM. TO SCHLUTER RENO TK
4. HATCHING AND COLOR GUIDES SHOWN ON FLOOR FINISH PLAN ARE FOR GRAPHIC PURPOSES ONLY AND MAY NOT REFLECT THE EXTENTS OF MATERIAL REQUIRED.
5. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING MATERIAL LOCATION.
6. ALL TOILET ROOM FINISHES TO BE PRICED PER SCHEDULE, HOWEVER FINAL CLUBHOUSE TOILET ROOM FINISHES ARE STILL TBD WITH OWNER

KEYNOTES

01 WD-2 - AKUPANEL ACOUSTICAL WOOD SLAT - TO BE INSTALLED ABOVE VINYL BASE. TRIMED EDGES WITH 1" METAL 'L' TRIM IN MATTE BLACK

02 CT-2 - REFER TO A501 - INTERIOR ELEVATIONS FOR INSTALLATION PATTERNS

03 WD-1 - WOOD PANELING WAINSCOT - REFER TO A501 - INTERIOR ELEVATIONS - USE COORDINATING 3/4" EDGEBANDING

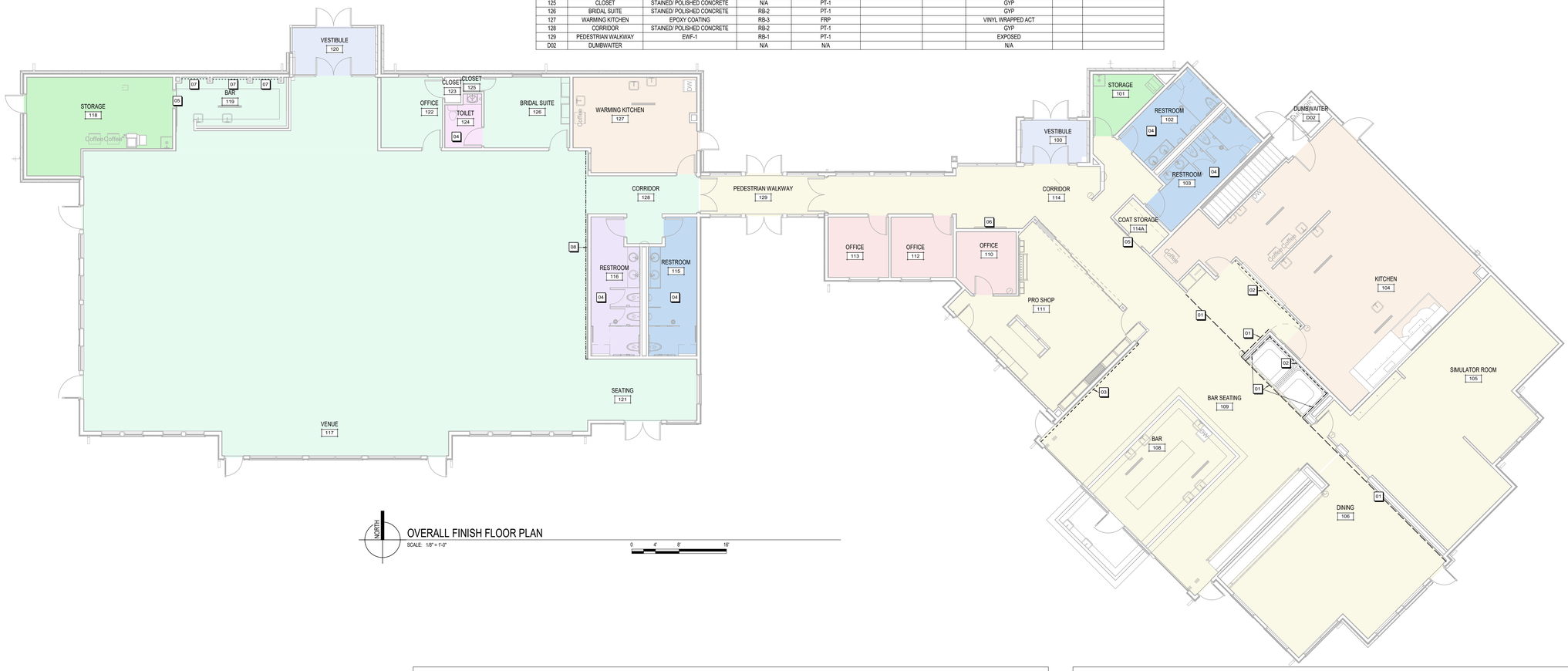
04 TOILET ROOM FINISHES PER MATERIALS SCHEDULE ON A901 AND INTERIOR ELEVATIONS ON A501

05 RE-USE EXISTING WOOD BARN DOOR - OWNER PROVIDED. PAINT AND/OR FINISH IF OWNER REQUESTED

06 MOSS-ART WALL BY OWNER - CONTRACTOR TO COORDINATE WITH MOSSY MOSS BY OLIA

07 ANTIQUED MIRROR PER INTERIOR ELEVATIONS ON A501

08 PRICE OUT THIN VENEER STONE (TO MATCH BUILDING EXTERIOR) - PRICING EXERCISE FOR OWNER TO UNDERSTAND COST FOR POTENTIAL FUTURE STONE



OVERALL FINISH FLOOR PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

MATERIAL SCHEDULE

Code	Material	Name & Number	Manufacturer
Division 06 40 00 - ARCHITECTURAL WOODWORK			
WD-1	Pre-Finished Wood Panel	Shinnoki, Color: Stardust Walnut S4-SAM-517 with matching edgebanding at exposed edges	Decospan
WD-2	Slat Panels (Club House - Restaurant Walls - See Interior Elevations)	Akupanel, Size: 3"x1", Color: VN610	Interlam/Acoustical Art Concepts
WD-3	Slat Panels (Venue - Ceiling above Bar - See RCP)	Akupanel, Size: Standard Size, Color: TBD	Interlam/Acoustical Art Concepts
Division 06 41 16 - PLASTIC-LAMINATE-CLAD CASEWORK			
PLAM-1	Plastic Laminate (Bathroom Aprons, Bridal Suite Vanity)	W490 CW Natural Arcadian Oak	Arborite
PLAM-2	Plastic Laminate	Ebony Recon 7097-38	Wilsonart
Division 06 52 13 - FIBERGLASS REINFORCED PLASTIC			
FRP-1	Fiberglass Reinforced Plastic Panel (Kitchen, Warming Kitchen, Venue Back Bar Undercounter)	Color: TBD	Crane Composites
FRP- 2	Fiberglass Reinforced Plastic Panel (Club House - Bar - Under Counter)	Color: TBD	
Division 06 61 16 - SOLID SURFACING FABRICATIONS			
SS-1	Solid Surface (Window Sills)	Color: Cool Basalt or Basalt Cocrete (Final Color TBD with Owner)	Wilsonart
SS-2	Solid Surface (Server Station)	Color: Carbone Marmo 9914SS	Wilsonart
Division 08 14 00 - WOOD DOORS			
N/A	Pre-Finished Wood	Color: White	
Division 09 30 00 - TILING			
CT-1	Stone (Main Bar)	Carbon Honed Panel + Corner	Platform Surfaces/ Realstone Systems, Inc
CT-2	Porcelain Wall Tile (At Booth and Kitchen Wall)	Pastello, Color: Dune, Installation: See Interior Elevation	Platform Surfaces, Inc.
CT-3	Porcelain Floor Tile (Venue Rm. 116 Women's Toilet Rm.)	New England, Color: White, 24"x48" Stacked Installation	Ceramic Tileworks, MN
CT-4	Porcelain Wall Tile (Club House - 102 & 103 Walls -Men's & Women's Toilet Rm.)	to be based on - "Craft" (Owner to select)	Ceramic Tileworks, MN
CT-5	Porcelain Tile (Club House - Rms. 102 & 103 Floors, Venue Rm. 115 Men's Toilet Rm. Floor)	New England, Color: Anthracite, 24"x48" Stacked Installation	Ceramic Tileworks, MN
CT-6	Porcelain Wall Tile (Venue Rm. 115 Men's Wall Tile all walls except sink)	New England, Color: Anthracite, 12"x24" Stacked Installation	Ceramic Tileworks, MN
CT-7	Porcelain Wall Tile (Venue Rm. 115 Men's Wall Tile at Sink)	Relic, Color: Antracite, vertical stack installation	Platform Surfaces, Inc.
CT-8	Porcelain Wall Tile (Venue Rm. 116 Women's Tlt. Rm.)	Curve, White Fluted, 6"x12"	Tilebar
CT-9	Bridal Suite Rm. 124 Toilet Rm. Floor Tile	Artistyle, 12"x24", Stacked, Color: Shade Cold	Ceramic Tileworks, MN
CT-10	Bridal Suite Rm. 124 Toilet Rm. Wall Tile	Relic, Color: Bianco	Platform Surfaces, Inc
Division 09 51 00 - ACOUSTICAL CEILINGS			
ACT-1	Acoustic Ceiling Tile		USG
ACT-2	Acoustic Ceiling Tile (Vinyl Wrap)		USG
Division 09 51 50 - SUSPENDED ACOUSTIC BAFFLE			
BF-1			
Division 09 64 30 - ENGINEERED WOOD FLOORING			

MATERIAL SCHEDULE

Code	Material	Name & Number	Manufacturer
EWF-1	Engineered Wood Flooring	Nuwud, Style: The Classics Collection, Color: Tahoe	NuSolutions Group, LLC
Division 09 67 23 - EPOXY RESINOUS FLOOR			
EP-1	Epoxy Flooring (Kitchen & Warming Kitchen)	Color: TBD	Per Manufacturer
Division 09 68 00 - CARPET			
CPT-1	Carpet Tile (Club House - Offices)	Style: to be based on	Shaw Contract
Division 09 68 01 VINYL BASE			
RB-1	Resilient Milwork Base (Pro Shop Side)	Style: Lunar, Color: Black	Burke
RB-2	Resilient Milwork Base (Venue Side)	Style: Lunar, Color: White	Burke
RB-3	Resilient Base (Standard/ Back of House Areas)	Style: 6" Coved Vinyl	Burke
Division 09 69 00 - STAINED CONCRETE			
CONC-1	Stained Concrete Floors (Venue)		
Division 09 90 00 - PAINTING AND COATING			
PT-1	Paint (Main Field)	Final Color TBD with Owner	Sherwin Williams
PT-2	Paint (Trusses, Walls Above Trusses and Duct Work)	Final Color TBD with Owner	Sherwin Williams
PT-3	Paint (Clubhouse Mens/Women's Toilet Rms 102 and 103)	Final Color TBD with Owner	Sherwin Williams
PT-4	Paint (Clubhouse Accent Paint)	Final Color TBD with Owner	Sherwin Williams
PT-5	Paint (Venue Field)	Final Color TBD with Owner	Sherwin Williams
PT-6	Paint (Men's Venue Bathroom)	Final Color TBD with Owner	Sherwin Williams
PT-7	Paint (Women's Venue Bathroom)	Final Color TBD with Owner	Sherwin Williams
PT-8	Paint (Bridal Suite)	Final Color TBD with Owner	Sherwin Williams
PT-9	Paint (Venue Accent)	Final Color TBD with Owner	Sherwin Williams
Division 12 36 61 - QUARTZ COUNTERTOPS			
QTZ-1	Quartz (Club House - Men's/Women's Toilet Counter, Bridal Suite Counter)	Wilsonart Select - Color: Frozen	Wilsonart
QTZ-2	Quartz (Venue - Men's Toilet Counter)	Color: Madeira Beach Q4054	Wilsonart
QTZ-3	Quartz (Venue - Women's Toilet Counter)	Color: Logan Pass Q4055	Wilsonart
QTZ-4	Quartz (Venue Bar)	Color: To be based on - Windsor Brass Satin Ridge	Cambria
QTZ-5	Quartz (Pro Shop POS Counter)	Color: Arktos Q4037	Wilsonart
Division 12 36 63 - ULTRACOMPACT SURFACING - COUNTERTOPS			
CS-1	Compact Surfacing (Bar and Outdoor Bar Countertop)	Dekton, Style: Crafttzen, Color Albarium	Cosentino Professional USA
Division 22 42 16 - COMMERCIAL LAVATORIES			
LAV-1	Lavatory - Concrete (Bridal Suite Bathroom Sink)	36" ADA Floating Concrete Ramp Sink, Color: Linen	TrueForm Concrete

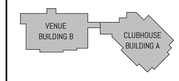
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PROJECT NUMBER
76290

APPROVED BY
AYA

REVIEWED BY
AYA

DRAWN BY
Author

OVERALL FINISH PLAN, ROOM SCHEDULE AND MATERIAL SCHEDULE

A901

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

1. COORDINATE ALL PIPING WITH ELECTRICAL, MECHANICAL, AND FIRE PROTECTION CONTRACTORS.

2. SUSPENDED PIPING AFF SHALL BE RUN TIGHT TO BOTTOM OF STRUCTURE. ALL PIPING IN THE PLUMBING SYSTEM SHALL BE SUPPORTED IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 382.60 OF THE WISCONSIN PLUMBING CODE.

3. ALL PIPING IN FINISHED AREAS SHALL BE CONCEALED ABOVE CEILINGS OR WITHIN WALLS.

4. INSTALL ALL WATER DISTRIBUTION PIPING PITCHED TO LOWEST POINT(S). INSTALL DRAIN VALVES AT LOW POINTS.

5. INSTALL 3" AND LARGER DRAIN PIPE WITH MINIMUM PITCH OF 1/8" PER LINEAR FOOT.

6. INSTALL 2" AND SMALLER DRAIN PIPE WITH MINIMUM PITCH OF 1/4" PER LINEAR FOOT.

7. ALL SANITARY AND VENT PIPING SHALL BE PVC UNLESS OTHERWISE NOTED. ALL DOMESTIC WATER PIPING ABOVE GROUND SHALL BE TYPE L COPPER UNLESS OTHERWISE NOTED.

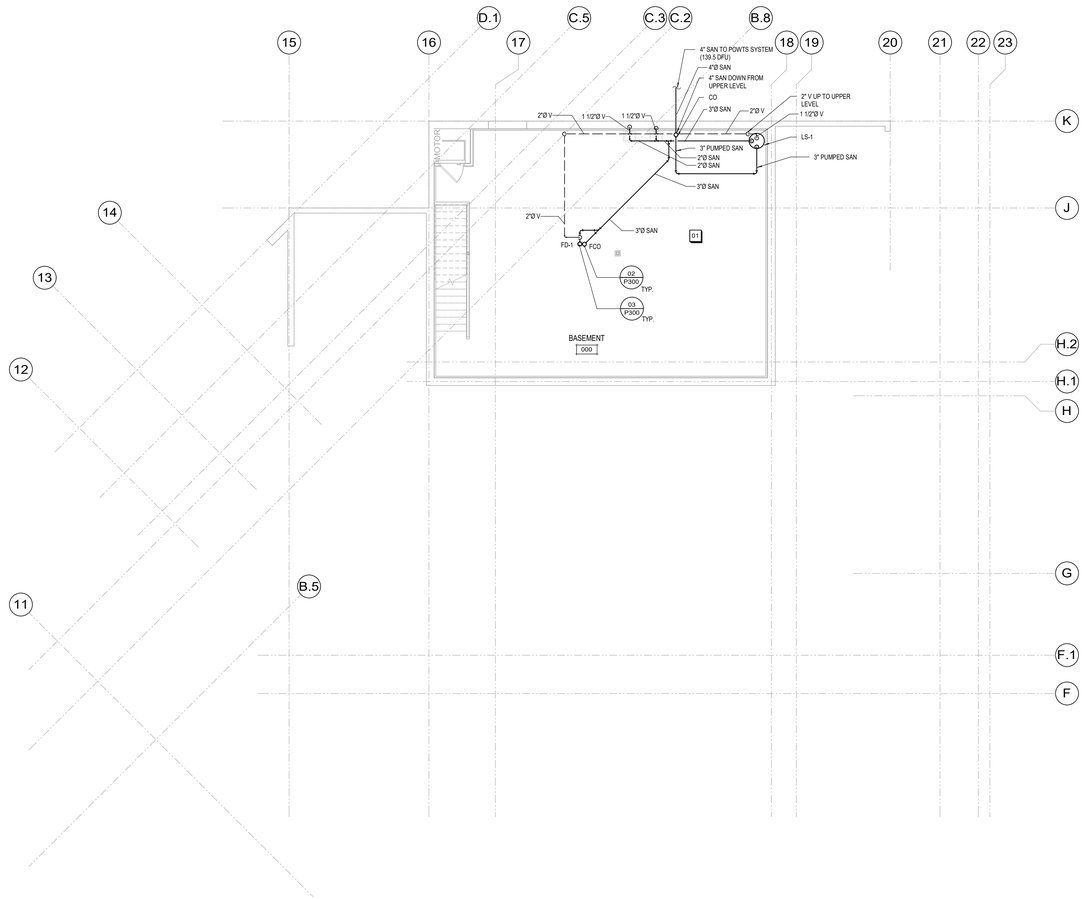
8. PIPE MATERIAL AND VALVES MUST MEET ALL STANDARDS OF THE WISCONSIN PLUMBING CODE.

9. PLUMBING CONTRACTOR SHALL INSULATE ALL DOMESTIC WATER PIPING PER WISCONSIN PLUMBING CODE SECTION 382.40(9)(B)3 AND APPLICABLE IECC REQUIREMENTS.

10. ALL PIPING IN PLENUM SPACE SHALL BE WRAPPED TO BE PLENUM RATED.

KEYNOTES:

01 PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR FOR DRAIN TILE DESIGN REQUIREMENTS AND THE FINAL LOCATION OF THE LIFT STATION. THE FINAL DRAIN SYSTEM DESIGN SHALL COMPLY WITH ALL APPLICABLE WISCONSIN CODE SECTIONS THAT APPLY. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR LIFT STATION REQUIREMENTS.



NORTH

BASEMENT SANITARY AND VENT PLAN

SCALE: 1/8" = 1'-0"

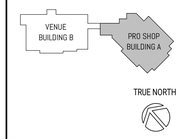
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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

BASEMENT SANITARY AND VENT PLAN

P100

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

1. COORDINATE ALL PIPING WITH ELECTRICAL, MECHANICAL, AND FIRE PROTECTION CONTRACTORS.

2. SUSPENDED PIPING AFF SHALL BE RUN TIGHT TO BOTTOM OF STRUCTURE. ALL PIPING IN THE PLUMBING SYSTEM SHALL BE SUPPORTED IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 382.60 OF THE WISCONSIN PLUMBING CODE.

3. ALL PIPING IN FINISHED AREAS SHALL BE CONCEALED ABOVE CEILINGS OR WITHIN WALLS.

4. INSTALL ALL WATER DISTRIBUTION PIPING PITCHED TO LOWEST POINT(S). INSTALL DRAIN VALVES AT LOW POINTS.

5. INSTALL 3" AND LARGER DRAIN PIPE WITH MINIMUM PITCH OF 1/8" PER LINEAR FOOT.

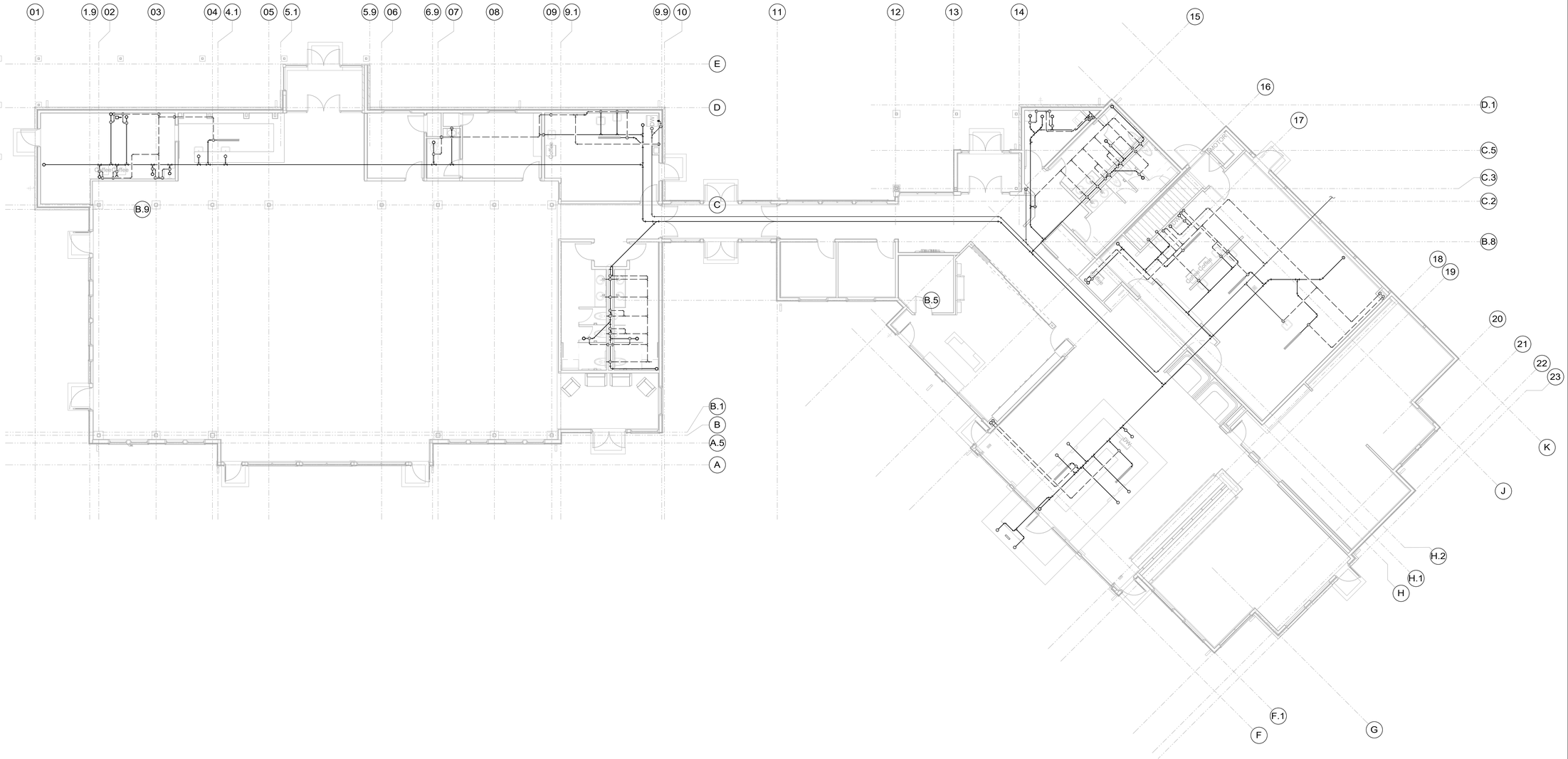
6. INSTALL 2" AND SMALLER DRAIN PIPE WITH MINIMUM PITCH OF 1/4" PER LINEAR FOOT.

7. ALL SANITARY AND VENT PIPING SHALL BE PVC UNLESS OTHERWISE NOTED. ALL DOMESTIC WATER PIPING ABOVE GROUND SHALL BE TYPE L COPPER UNLESS OTHERWISE NOTED.

8. PIPE MATERIAL AND VALVES MUST MEET ALL STANDARDS OF THE WISCONSIN PLUMBING CODE.

9. PLUMBING CONTRACTOR SHALL INSULATE ALL DOMESTIC WATER PIPING PER WISCONSIN PLUMBING CODE SECTION 382.40(9)(B)3 AND APPLICABLE IECC REQUIREMENTS.

10. ALL PIPING IN PLENUM SPACE SHALL BE WRAPPED TO BE PLENUM RATED.



NORTH

FIRST FLOOR SANITARY AND VENT PLAN

SCALE: 1/8" = 1'-0"

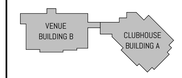
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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR OVERALL SANITARY AND VENT PLAN

P101

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

1. COORDINATE ALL PIPING WITH ELECTRICAL, MECHANICAL, AND FIRE PROTECTION CONTRACTORS.

2. SUSPENDED PIPING AFF SHALL BE RUN TIGHT TO BOTTOM OF STRUCTURE. ALL PIPING IN THE PLUMBING SYSTEM SHALL BE SUPPORTED IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 382.60 OF THE WISCONSIN PLUMBING CODE.

3. ALL PIPING IN FINISHED AREAS SHALL BE CONCEALED ABOVE CEILINGS OR WITHIN WALLS.

4. INSTALL ALL WATER DISTRIBUTION PIPING PITCHED TO LOWEST POINT(S). INSTALL DRAIN VALVES AT LOW POINTS.

5. INSTALL 3" AND LARGER DRAIN PIPE WITH MINIMUM PITCH OF 1/8" PER LINEAR FOOT.

6. INSTALL 2" AND SMALLER DRAIN PIPE WITH MINIMUM PITCH OF 1/4" PER LINEAR FOOT.

7. ALL SANITARY AND VENT PIPING SHALL BE PVC UNLESS OTHERWISE NOTED. ALL DOMESTIC WATER PIPING ABOVE GROUND SHALL BE TYPE L COPPER UNLESS OTHERWISE NOTED.

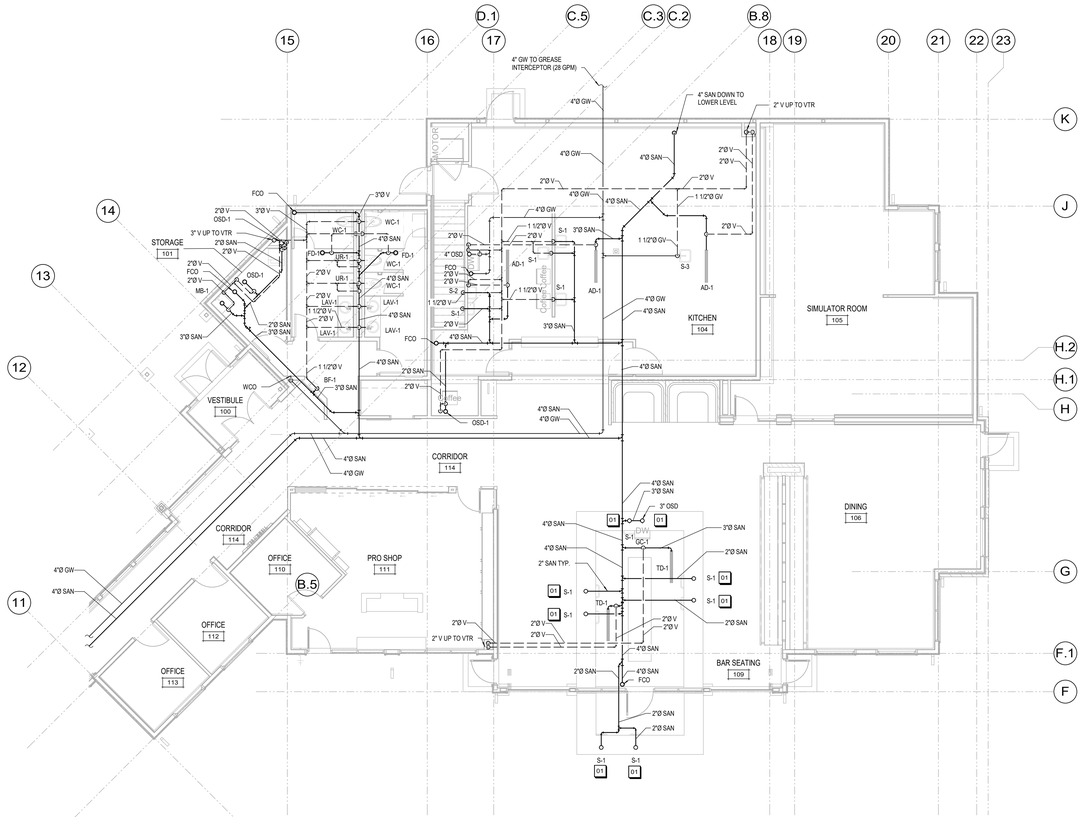
8. PIPE MATERIAL AND VALVES MUST MEET ALL STANDARDS OF THE WISCONSIN PLUMBING CODE.

9. PLUMBING CONTRACTOR SHALL INSULATE ALL DOMESTIC WATER PIPING PER WISCONSIN PLUMBING CODE SECTION 382.40(8)(B3) AND APPLICABLE ECC REQUIREMENTS.

10. ALL PIPING IN PLENUM SPACE SHALL BE WRAPPED TO BE PLENUM RATED.

KEYNOTES:

91 PLUMBING CONTRACTOR TO PROVIDE AIR ADMITANCE VALVE AT PLUMING FIXTURE OR EQUIPMENT FOR VENT CONNECTIONS.



NORTH

FIRST FLOOR SANITARY AND VENT PLAN - CLUBHOUSE BUILDING A

SCALE: 1/8" = 1'-0"

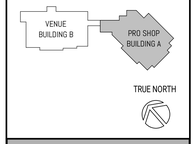
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1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR SANITARY AND VENT PLAN - CLUBHOUSE BUILDING A

P102A

C:\Revit\Local\Projects\76290vP-V2023_ay_jmarino.rvt

Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

1. COORDINATE ALL PIPING WITH ELECTRICAL, MECHANICAL, AND FIRE PROTECTION CONTRACTORS.

2. SUSPENDED PIPING AFF SHALL BE RUN TIGHT TO BOTTOM OF STRUCTURE. ALL PIPING IN THE PLUMBING SYSTEM SHALL BE SUPPORTED IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 382.60 OF THE WISCONSIN PLUMBING CODE.

3. ALL PIPING IN FINISHED AREAS SHALL BE CONCEALED ABOVE CEILINGS OR WITHIN WALLS.

4. INSTALL ALL WATER DISTRIBUTION PIPING PITCHED TO LOWEST POINT(S). INSTALL DRAIN VALVES AT LOW POINTS.

5. INSTALL 3" AND LARGER DRAIN PIPE WITH MINIMUM PITCH OF 1/8" PER LINEAR FOOT.

6. INSTALL 2" AND SMALLER DRAIN PIPE WITH MINIMUM PITCH OF 1/4" PER LINEAR FOOT.

7. ALL SANITARY AND VENT PIPING SHALL BE PVC UNLESS OTHERWISE NOTED. ALL DOMESTIC WATER PIPING ABOVE GROUND SHALL BE TYPE L COPPER UNLESS OTHERWISE NOTED.

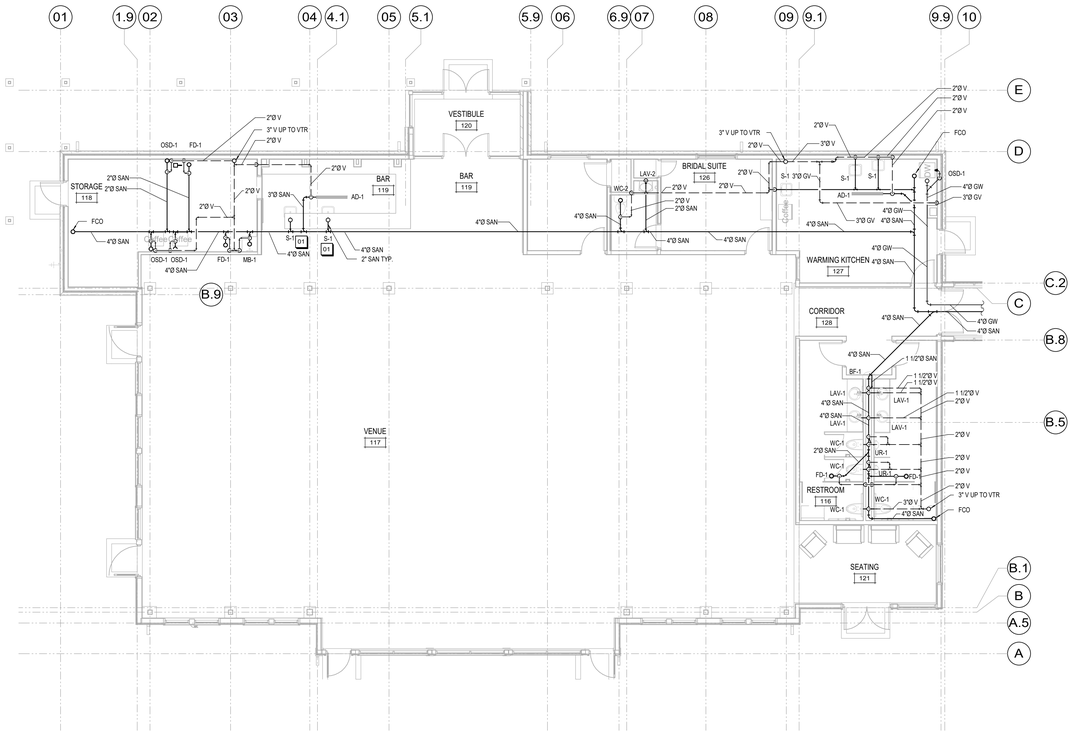
8. PIPE MATERIAL AND VALVES MUST MEET ALL STANDARDS OF THE WISCONSIN PLUMBING CODE.

9. PLUMBING CONTRACTOR SHALL INSULATE ALL DOMESTIC WATER PIPING PER WISCONSIN PLUMBING CODE SECTION 382.40(9)(B)3 AND APPLICABLE IECC REQUIREMENTS.

10. ALL PIPING IN PLENUM SPACE SHALL BE WRAPPED TO BE PLENUM RATED.

KEYNOTES:

01 PLUMBING CONTRACTOR TO PROVIDE AIR ADMITANCE VALVE AT PLUMING FIXTURE OR EQUIPMENT FOR VENT CONNECTIONS.



NORTH

FIRST FLOOR SANITARY AND VENT PLAN - VENUE BUILDING B

SCALE: 1/8" = 1'-0"

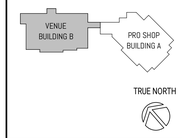
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PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



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PROJECT NUMBER
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APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR SANITARY AND VENT PLAN - VENUE BUILDING B

P102B

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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5. INSTALL 3" AND LARGER DRAIN PIPE WITH MINIMUM PITCH OF 1/8" PER LINEAR FOOT.

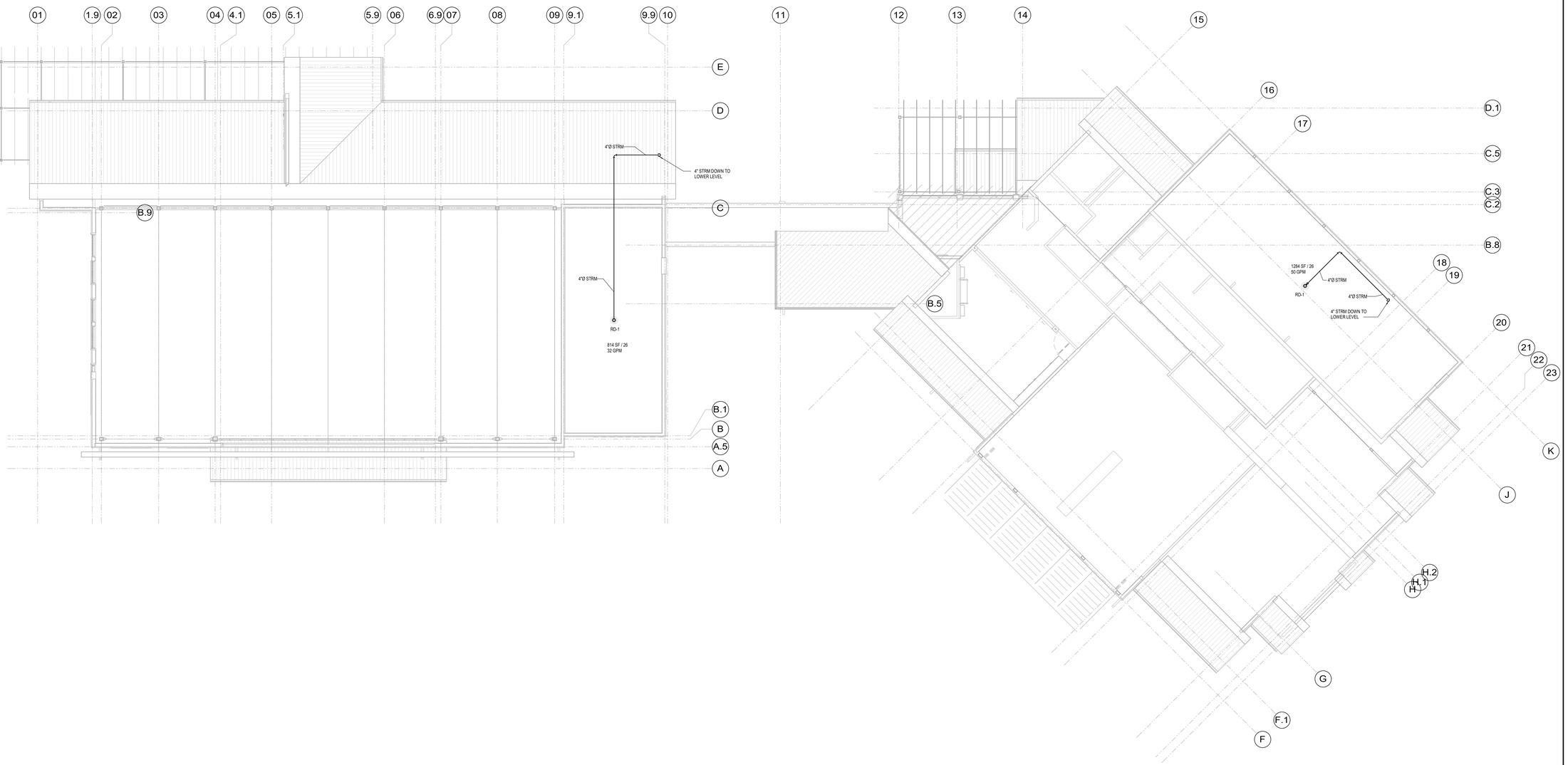
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NORTH

STORM ROOF PLAN

SCALE: 1/8" = 1'-0"

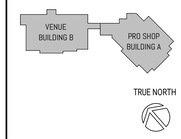
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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

STORM ROOF PLAN

P103

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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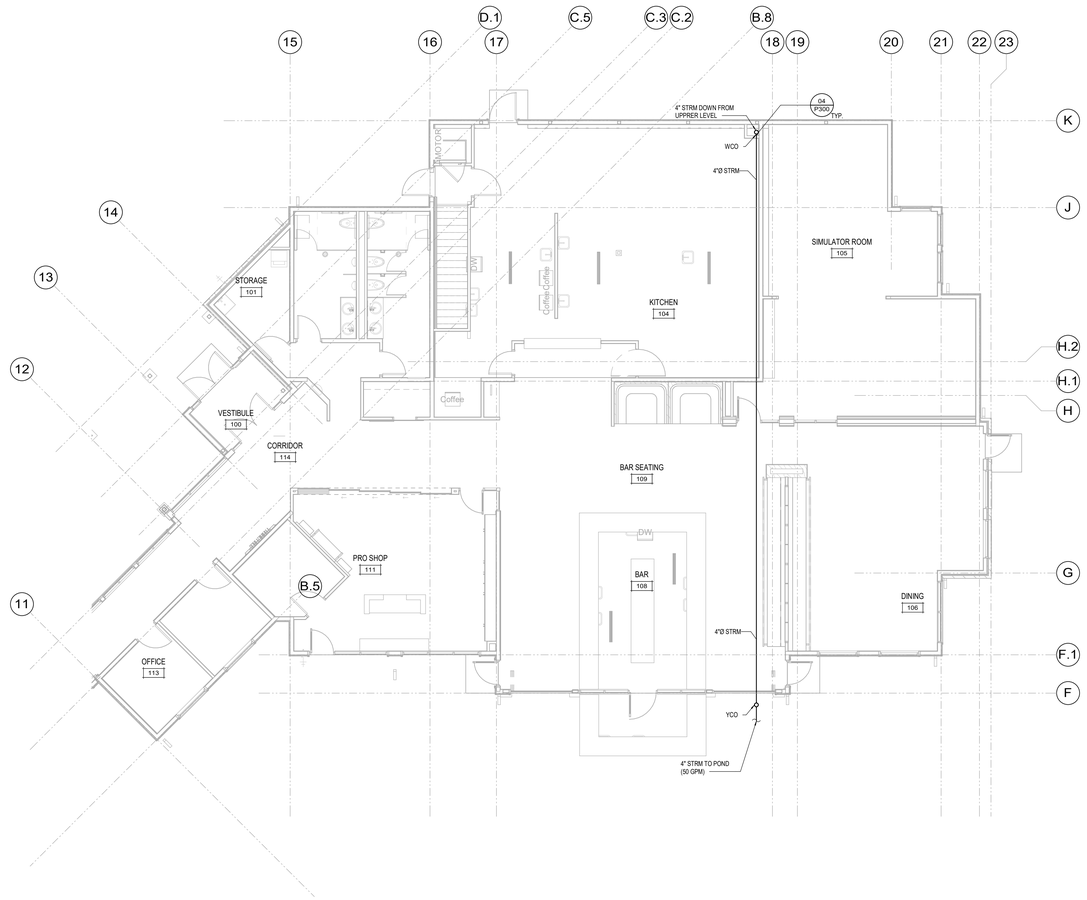
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NORTH

FIRST FLOOR STORM PLAN - CLUBHOUSE BUILDING A

SCALE: 1/8" = 1'-0"

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REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR STORM PLAN - CLUBHOUSE BUILDING A

P104A

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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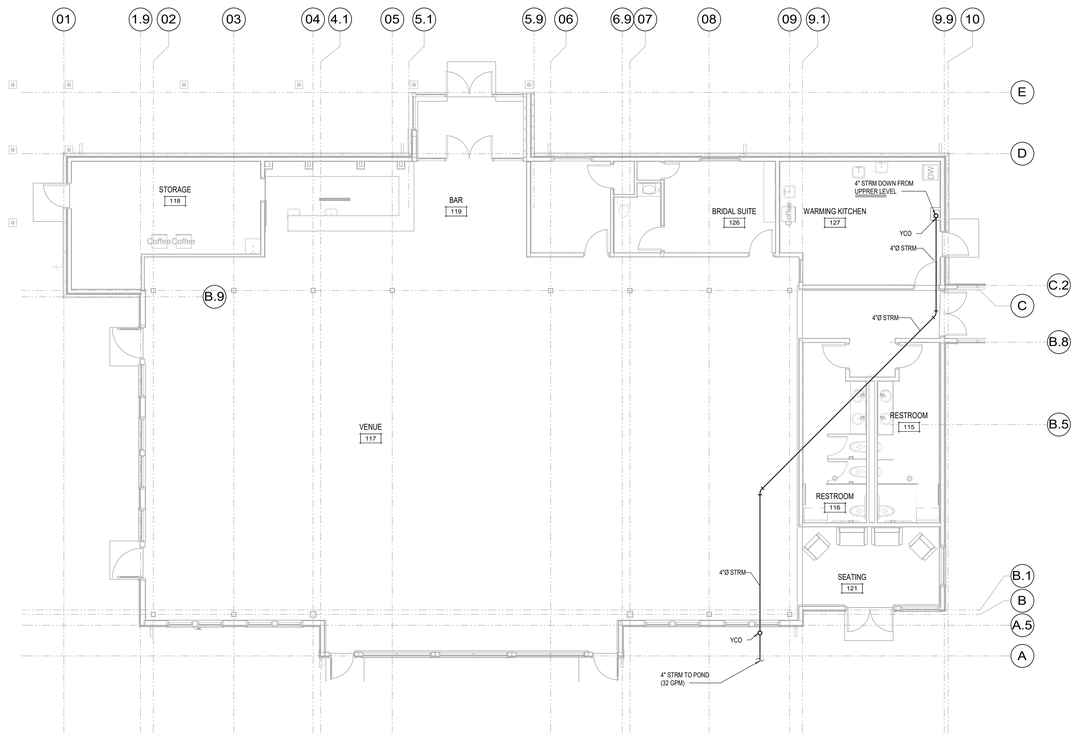
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NORTH

FIRST FLOOR STORM PLAN - VENUE BUILDING B

SCALE: 1/8" = 1'-0"

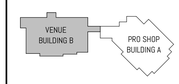
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KEYPLAN



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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR STORM PLAN - VENUE BUILDING B

P104B

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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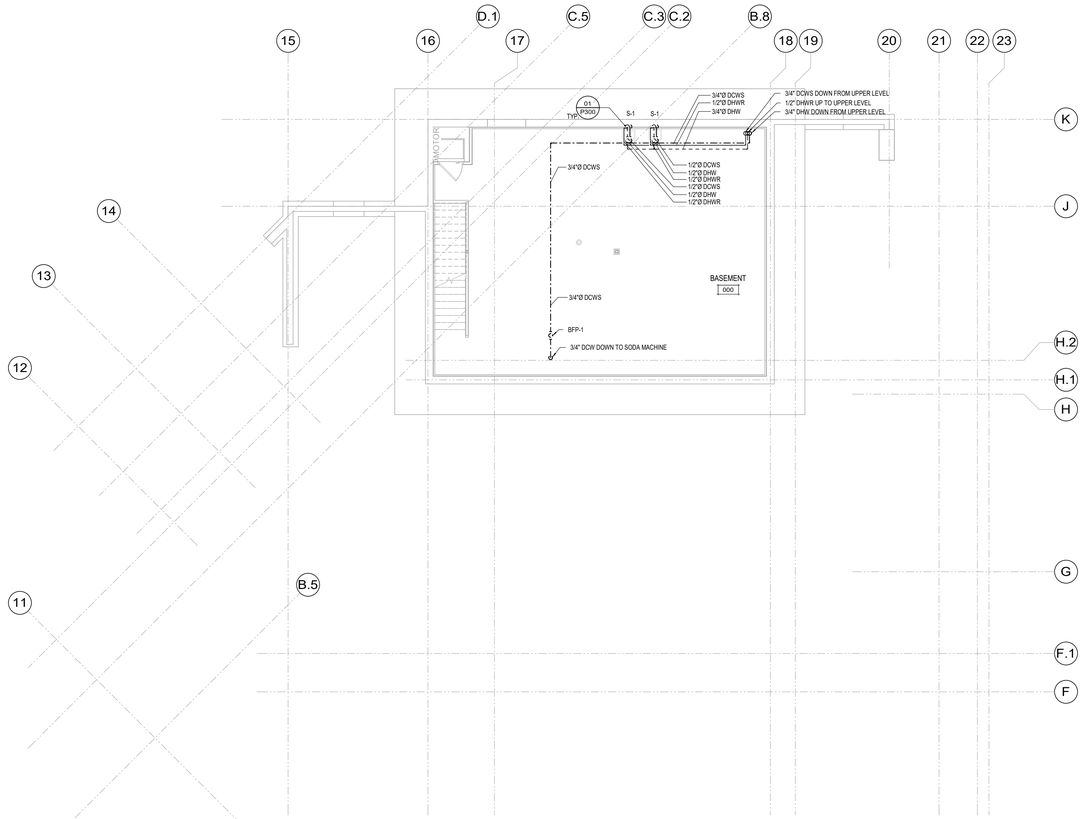
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NORTH

BASEMENT DOMESTIC WATER PLAN

SCALE: 1/8" = 1'-0"

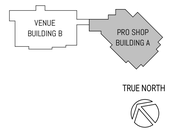
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ARCHITECTS/ENGINEERS
Janesville | Madison

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PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

BASEMENT DOMESTIC WATER PLAN

P200

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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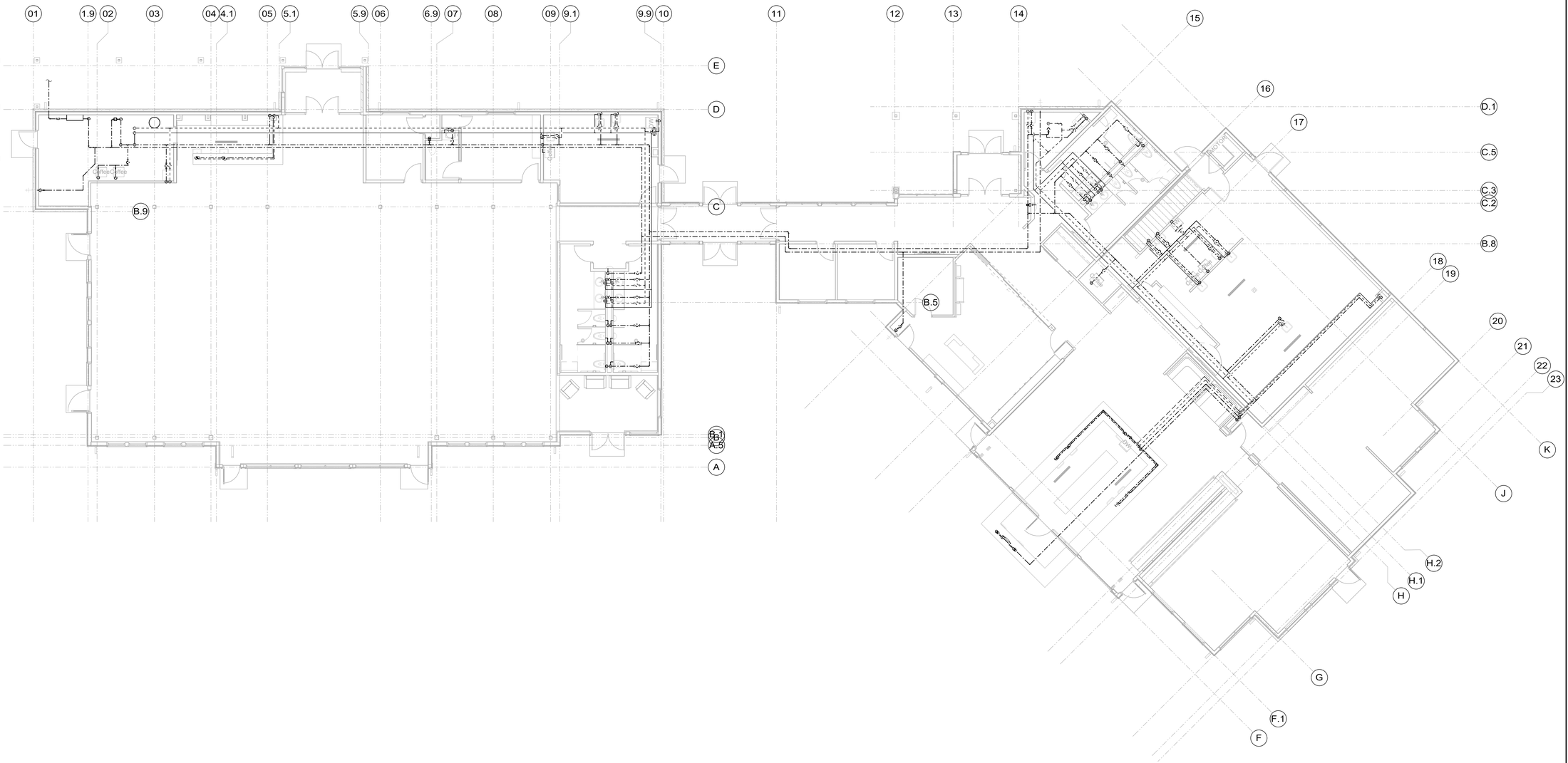
6. INSTALL 2" AND SMALLER DRAIN PIPE WITH MINIMUM PITCH OF 1/4" PER LINEAR FOOT.

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10. ALL PIPING IN PLENUM SPACE SHALL BE WRAPPED TO BE PLENUM RATED.


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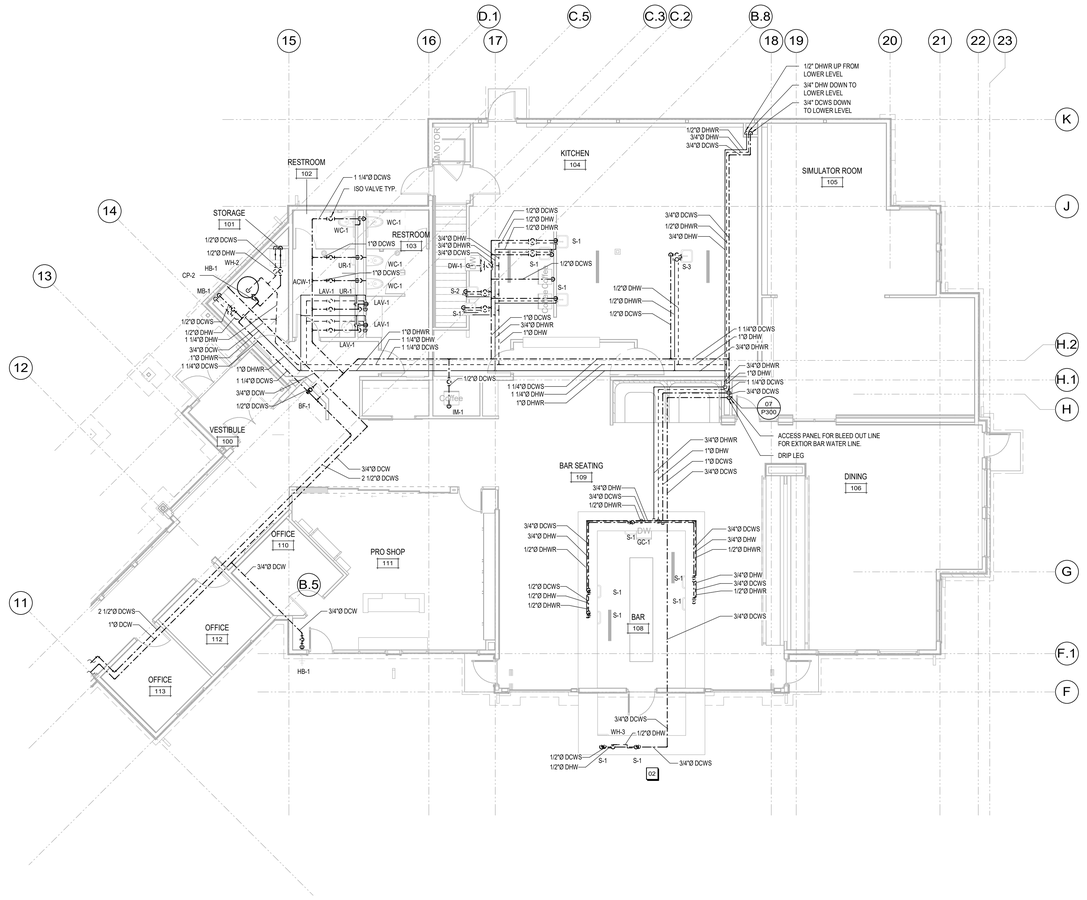
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KEYNOTES:

01 PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON ACCESS PANEL INSULATION WITH FINISHES FOR PLUMBING DOMESTIC SUPPLIES. PANEL COLOR TO MATCH ADJACENT WALL COLOR.

02 PLUMBING CONTRATOR TO PROVIDE PROVISIONS IN DOMESTIC WATER LINES SERVING OUTDOOR BAR AREA TO ALLOW FOR FORCED AIR BLOW-OUT WINTERIZING OF ALL WATER LINES.



NORTH

FIRST FLOOR DOMESTIC WATER PLAN - CLUBHOUSE BUILDING A

SCALE: 1/8" = 1'-0"

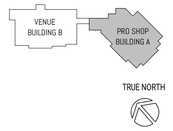
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KEYPLAN



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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR DOMESTIC WATER PLAN - CLUBHOUSE BUILDING A

P201A

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Sheet Size: 30" x 42" (Arch E1)

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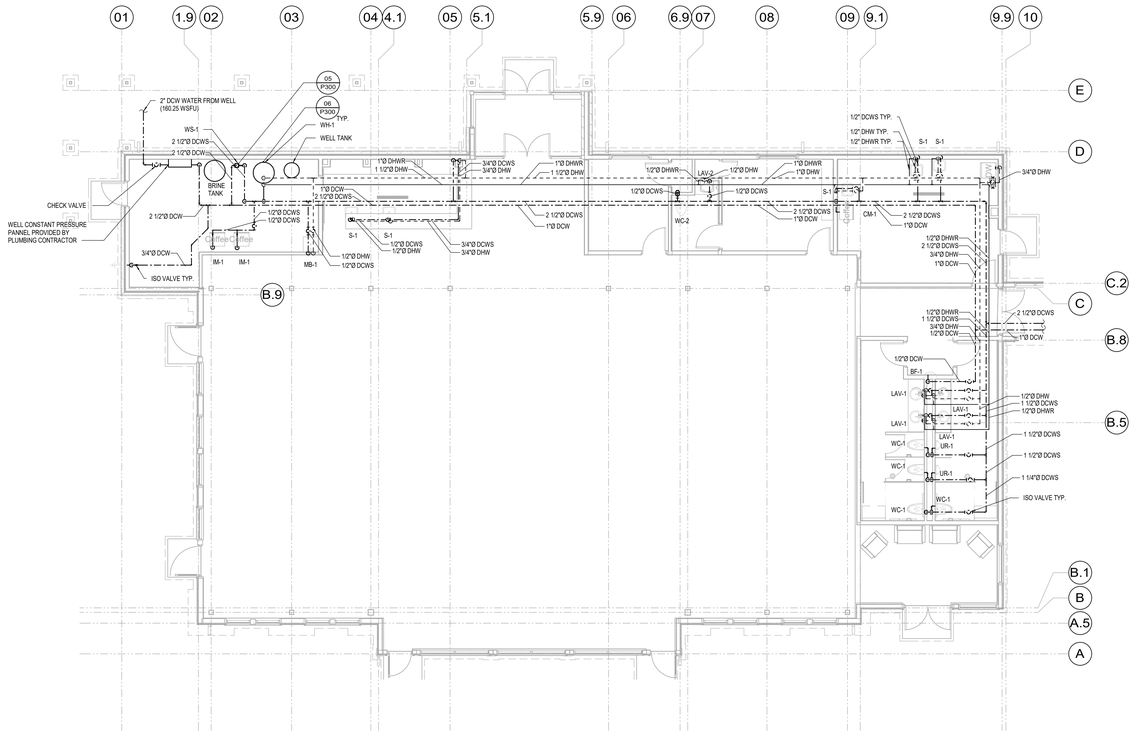
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NORTH

FIRST FLOOR DOMESTIC WATER PLAN - VENUE BUILDING B

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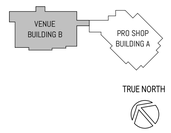
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PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

KEYPLAN



ISSUANCES / REVISIONS

NO:	DESCRIPTION:	DATE:
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

FIRST FLOOR DOMESTIC WATER PLAN - VENUE BUILDING B

P201B

PLUMBING FIXTURE SCHEDULE

TAG NO.	MANUFACTURER	MODEL NO.	DESCRIPTION
WC-1			
WATER CLOSET	KOHLER	HIGHCLIFF K-96057	ADA COMPLIANT, FLOOR MOUNT FLUSHOMETER VALVE TOILET, VITREOUS CHINA, ELONGATED BOWL, 1.28 TO 1.6 GPF
SEAT	BEMIS	1955 SSCT	ELONGATED, WHITE, OPEN FRONT LESS COVER WITH STAINLESS STEEL SELF-SUSTAINING CHECK HINGE
FLUSH VALVE	SLOAN	ECOS 8111	FLUSH VALE FOR 1-1/2" TOP SPUD BOWL, 1.28GPF/4.8 LPF, BATTERY OPERATED SENSOR FLUSH.
WC-2			
WATER CLOSET	KOHLER	KINGSTON K-25077	ADA COMPLIANT, FLOOR MOUNT FLUSH TANK TOILET, COMFORT HEIGHT, ELONGATED SEAT., VITREOUS CHINA, ELONGATED BOWL, 1.28 GPF
SEAT	BEMIS	1955 SSCT	ELONGATED, WHITE, OPEN FRONT LESS COVER WITH STAINLESS STEEL SELF-SUSTAINING CHECK HINGE
SUPPLY	McGUIRE	LFH2165CCLK	LEAD-FREE 1/2" x 3/8" HEAVY SUPPLIES WITH LOOSE KEY STOPS.
LAV-1			
LAVATORY	KOHLER	CAXTON, K-2210	ADA COMPLIANT, VITREOUS CHINA, UNDREMOUNT, 14" x 17" LAVATORY.
FAUCET	SLOAN	BASYS, EFX SERIES	ADA COMPLIANT, SINGLE-HOLE MOUNTED LAVATORY FAUCET WITH ELECTRONIC SENSOR, 0.5 GPM. FINISH TO BE CORRDIANTED WITH GENERAL CONTRACTOR AND OWNER.
SOAP DISPENSER	SLOAN	BASYS, EFX SERIES	SENSOR ACTIVATED, DECK MOUNTED FOAM SOAP DISPENSER, FINISH TO BE CORRDINATED WITH GENERAL CONTRACTOR.
TRAP	PROFLO	PFPTP100	1-1/2" PVC P-TRAP WITH UNION PLASTIC NUT REMOVABLE TRAP
SUPPLIES	McGUIRE	LFH2165CCLK	LEAD-FREE 1/2" x 3/8" HEAVY SUPPLIES WITH LOOSE KEY STOPS.
MIXING VALVE	CALEFFI	5212	LEAD FREE, ASSE 1070 MIXING VALVE WITH INTEGRAL CHECKS AND STRAINERS, FACTORY SET TO 105°F. AND FIELD ADJUSTABLE.
LAV-2			
LAVATORY	TRUEFORM	FLO-36V-ADA	ADA COMPLIANT, CONCRETE CONSTRUCTION, WALL MOUNTED, 36" X 21" X 5" LAVATORY.
FAUCET	KOHLER	HINT K-97094-4	ADA COMPLIANT, DECK MOUNTED FAUCET WITH GOOSENECK SPOUT, LEVER HANDLES, CERAMIC DISC CARTRIDGES AND 1.2 GPM. FINALFINISH TO BE CORRDINATED WITH GENERAL CONTRACTOR AND OWNER.
TRAP	PROFLO	PFPTP100	1-1/2" PVC P-TRAP WITH UNION PLASTIC NUT REMOVABLE TRAP
SUPPLIES	McGUIRE	LFH2165CCLK	LEAD-FREE 1/2" x 3/8" HEAVY SUPPLIES WITH LOOSE KEY STOPS.
MIXING VALVE	CALEFFI	5212	LEAD FREE, ASSE 1070 MIXING VALVE WITH INTEGRAL CHECKS AND STRAINERS, FACTORY SET TO 105°F. AND FIELD ADJUSTABLE.
S-1			
SINK	OWNER PROVIDED	-	-
S-2			
SINK	OWNER PROVIDED	-	-
S-3			
SINK	OWNER PROVIDED	-	-
BF-1			
BOTTLE FILLER	ELKAY	LBWDC00	ELKAY IN-WALL BOTTLE FILLER. WHITE
UR-1			
UNINAL	KOHLER	K-4991-ETSS	BARDON WALL HUNG, ADA COMPLIANT, , 125-1.0 GPF
FAUCET	SLOAN	REGAL 186XL CV-0.5	EXPOSED HANDLE, MANUAL FLUSH, 0.5 GPF, CHROME
MB-1			
MOP SINK	MUSTEE	63M	24" X 24" ONE PIECE IMPACT RESISTANT FIBERGLASS, MOLDED-IN DRAIN FOR 3" CONNECTION
FAUCET	CHICAGO FAUCET	897-CP	WALL MOUNT, 8" BODY, ADJUSTABLE ARMS, VANDEL PROOF LEVER HANDLES, WITH VACUUM BREAKER ASSEMBLY, INCLUDES WALL BRACE.
HB-1	WOODFORD	67	NON-FREEZE TYPE WITH APPROVED VACUUM BREAKER-BACKFLOW PREVENTER WITH WALL FLANGE, LOOSE KEY OPERATED.
HOSE BIBB			
LS-1	LIBERTY PUMP	P382LE52/A2	LIBERTY PUMP SEWAGE EJECTOR SYSTEM 220V WITH ALARM INCLUDED
LIFT STATION			
GC-1			
GLASS CLEANER	OWNER PROVIDED	-	-
CM-1			
COFFEE MAKER	OWNER PROVIDED	-	-
IM-1			
ICE MAKER	OWNER PROVIDED	-	-
DW			
DISH WASHER	OWNER PROVIDED	-	-

NEW PLUMBING FIXTURE CONNECTION SCHEDULE AND FIXTURE UNIT VALUES

TAG	DESCRIPTION	CONNECTIONS			WSFU							DFU		
		WASTE	HOT / TEMPERED	COLD	HOT / TEMPERED	COLD	SUBTOTAL	FIXTURES	H/T SUBTOTAL	COLD SUBTOTAL	TOTAL	VALUE	FIXTURES	TOTAL
WC-1	FLUSH VALVE, FLOOR MOUNTED	3"	-	1"	0	6.5	6.5	8	0	52	52	6	8	48
WC-2	FLUSHTANK, ADA COMPLIANT	3"	-	1"	0	3	3	1	0	3	3	4	1	4
LAV-1	UNDERMOUNT LAV	1 1/2"	1/2"	1/2"	0.5	0.5	1	8	4	4	8	1	8	8
LAV-2	WALL HUNG, ADA COMPLIANT	1 1/2"	1/2"	1/2"	0.5	0.5	1	1	0.5	0.5	1	1	1	1
UR-1	URINAL	2"	-	3/4"	0	2	2	4	0	8	8	2	4	8
MB-1	MOP BASIN	2"	3/4"	3/4"	2	2	3	2	4	4	6	3	2	6
ACW-1	AUTOMATIC CLOTHES WASHER	-	1/2"	1/2"	2	2	3	1	2	2	3	0	1	0
S-1	UNDERMOUNT SINK	1 1/2"	3/4"	3/4"	2	2	3	18	36	36	54	2	18	36
S-2	UNDERMOUNTED SINK WITH PREP TABLE	1 1/2"	1/2"	1/2"	2	2	3	1	2	2	3	2	1	2
S-3	UNDERMOUNTED SINK WITH DISPOAL	1 1/2"	1/2"	1/2"	2	2	3	1	2	2	3	2	1	2
DW-1	DISHWASHER	2"	3/4"		1	0	1	3	3	0	3	0	3	0
GC-1	GLASS CLEANER	2"	1/2"		1	0	1	1	1	0	1	0	1	0
CM-1	COFFEE MAKER	-	-	1/2"	0	0.25	0.25	6	0	1.5	1.5	0	6	0
IM-1	ICE MAKER	-	0	1/2"	0	0.5	0.5	3	0	1.5	1.5	0	3	0
HB-1	EXTERIOR NON-FREEZE HOSE BIBB	-	-	3/4"	0	4	4	3	0	12	12	0	3	0
BF-1	BOTTLE FILLER	1 1/2"	0	1/2"	0	0.25	0.25	1	0	0.25	0.25	0.5	1	0.5
FD-1	2" FINISHED AREA FLOOR DRAIN	2"	-	-	0	0	0	7	0	0	0	2	7	14
OSD-1	OPENSITE DRAIN 2"	2"	-	-	0	0	0	2	0	0	0	3	2	6
OSD-2	OPENSITE DRAIN 4"	2"	-	-	0	0	0	3	0	0	0	6	3	18
	TOTALS							74	54.50	128.75	160.25	34.5	74	153.5

WATER SOFTENER

TAG	DESCRIPTION	TANK CAPACITY		BRINE TANK DIMENSIONS	FLOW RATE	PEAK FLOW RATE	MANUFACTURER & MODEL NUMBER
		LOW SALTING	HIGH SALTING				
WS-1	WATER SOFTENER	160 KGR @ 48 LBS	240 KGR @ 120 LBS	24 x 50	120 GPM @ 15PSI	170 GPM @ 25PSI	MARLO MGT-240-3 SINGLE

WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	TYPE	GAS-FIRED HEAT EXCHANGER						THERMAL EFF.	REMARKS
				GAS BURNER			WATERSIDE				
				INPUT	STAGES	FUEL TYPE	STORAGE		TEMP RISE		
							RECOVERY	VOL			
WH-1	AO SMITH	BTXL-100	GAS-FIRED	100,000 MBH	MODULATING	NAT. GAS	115 GAL/HR	75 GAL	70F	96%	TERMINATE VENTS THROUGH SIDEWALL PER MANUFACTURERS REQUIREMENTS
WH-2	AO SMITH	BTH-250(A)	GAS-FIRED	250,000 MBH	MODULATING	NAT. GAS	122 GAL/HR	119 GAL	70F	97%	TERMINATE VENTS THROUGH SIDEWALL PER MANUFACTURERS REQUIREMENTS

NOTE: PROVIDE NECESSARY EQUIPMENT FOR COMPLETE HOT WATER SYSTEM.

TANKLESS WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	TYPE	ELECTRIC HEATER						UNIT WEIGHT
				ELECTRIC HEATER			WATERSIDE			
				KW	AMPS	VOLTAGE	MIN. FLOW	MAX FLOW	MAX TEMP RISE	
WH-3	RHMEE	RTEX-13	ELECTRIC	13	54A	240	0.3 GPM	4.8 GPM	89F	8.5 LBS

NOTE: PROVIDE NECESSARY EQUIPMENT FOR COMPLETE HOT WATER SYSTEM.

CIRC PUMP

TAG	MANUFACTURER	MODEL NO.	SIZE	GPM	HEAD FT.	CONSTRUCTION	CURRENT	REMARKS
CP-1	TACO	0010-F6	3/4"	8	10	CAST IRON	115V/ 1/25HP	PROVIDE DISCONNECT, FLANGE AND UNIONS.

FLOOR DRAINS

	DESCRIPTION	MANUFACTURER/CATALOG NUMBER
FD-1	LIGHT DUTY, ROUND TOP, CAST IRON BODY WITH ADJUSTABLE "TYPE B" ROUND STRAINER	ZURN INDUSTRIES, ZN415B

FLOOR CLEAN OUT

	DESCRIPTION	MANUFACTURER/CATALOG NUMBER
FCO-1	CAST IRON ADJUSTABLE FLOOR CLEANOUT FOR FINISHED FLOORS	ZURN ZN1400-3NL-5BZ1

Water Calculation for PRAIRE PINES GOLF CLUB

Name of project

INFORMATION REQUIRED TO CALCULATE WATER SERVICE SIZE

PREDOMINANTELY TANK TYPE

1	Demand of Building in GPM	WSFUs 160.25=	(GPM)	87
2	Difference in Elevation from main or external pressure tank to building control valve. (If the water source is lower than the control valve use negative # if higher than the control valve use positive #)		(feet)	-4
3	Size of the Water Meter. (when applicable)	NA		2"
4	Developed length from main or ext pressure tank to building control valve.			100
5	Low Pressure at main in street or external pressure tank.			78

CALCULATE WATER SERVICE PRESSURE LOSS

6	LOW PRESSURE AT WELL PRESSURE TANK			78
7	Water service diameter is 2 1/2" Material is BLACK JET Pressure Loss per 100 ft. = 1.25 psi x 1 (decimal equivalent of service length, I.e.; 65ft = .65			-1.25
	(Subtract line 7 from line 6)		Subtotal	76.75
8	Determine pressure gain or loss due to elevation, (multiply the value of # 2 above by .434		=	-1.736
9	Available pressure after the building control valve. (Subtract or add line 8. Enter in B)		Subtotal	75.014

CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF A)

B	Available Pressure after the building control valve	(from 9 above)	Value of B	75.014
C	Pressure Loss of water meter (when meter is required)		Value of C	6
			Subtotal	69.014
D	Pressure at controlling fixture (Controlling fixture is Water Closet (FIUSHOMETER))		Value of D	20
			Subtotal	49.014
E	Difference in elevation between the building control valve and the controlling fixture in feet	10.5 x .434	Value of E	4.557
			Subtotal	44.457
F	Pressure loss due to water treatment devices, and backflow preventers which serve the controlling fixture.(Water softeners, filters etc.) (Pressure loss due to Water Softner)			
	F1. WSFU Downstream for Water Treatment Device	224.25		
	F2. Convert wsfu to GPM using Table 382.40-3	101		
	F4. Manufactrues pressure loss based on GPM (if no water treatement device enter "0")	15		
			Value of F4	15
			Subtotal	29.457
G.	Pressure loss due to water treatment devices, instantaneous water heaters, CombonationBoiler/ hot water heaters, heat exchangers which serve controling fixture: Hot water WSFU: NA convert to GPM= NA Refer to manufacturer's pressur loss graph to deterimin loss at the required GPM: 0 pressure loss		Value of G	0
			Subtotal	29.457
H.	Developed length from the building control valve to the controlling fixture in ft.	215 X 1.5	Value of H	322.5
	(Divide by the value of H)		Subtotal	0.091339535
	(Water Dist. Pipe Material is Copper Type L)			
A	Pressure available for uniform loss		A =	9.133953488
		Rounded up	A =	10

PLUMBING ABBREVIATION LEGEND

AAV	AUTOMATIC AIR VALVE	MFG	MANUFACTURER, MANUFACTURED
AF	ABOVE FINISHED FLOOR	NPW	NONPOTABLE WATER
BFF	BELOW FINISHED FLOOR	OC	ON CENTER
BHP	BRAKE HORSEPOWER	PC	PLUMBING CONNECTION
BOP	BOTTOM OF PIPE	PRES	PRESSURE
CA	COMPRESSED AIR	PD	PRESSURE DROP
CO	CLEANOUT	PERF	PERFORATED
COMP	COMPRESSOR	POC	POINT OF CONNECTION
CONN	CONNECTION	PSI	POUNDS PER SQUARE INCH GAGE
COP	COEFFICIENT OF PERFORMANCE	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
COTG	CLEANOUT TO GRADE	PSIG	POUNDS PER SQUARE INCH GAGE
CWW	CLEAR WATER WASTE	RC	ROOFING CONTRACTOR
D	DIAMETER	RD	ROOF DRAIN
DIA	DIAMETER	RET	RETURN
DCW	DOMESTIC COLD WATER CITY	SAN	SANITARY SEWER
DCWS	DOMESTIC COLD WATER SOFT	SF	SQUARE FEET
DET	DETAIL	SOV	SHUTOFF VALVE
DFU	DRAINAGE FIXTURE UNIT	SP	STANDPIPE
DHW	DOMESTIC HOT WATER	STRM	STORM SEWER
DHWR	DOMESTIC HOT WATER RETURN	STM	STEAM
DTW	DOMESTIC TEMPERED WATER	SUP	SUPPLY
EC	ELECTRICAL CONTRACTOR	TC	TEMPERATURE CONTROLS CONTRACTOR
ELEV	ELEVATION	TDH	TOTAL DYNAMIC HEAD
EWT	ENTERING WATER TEMPERATURE	TFA	TO FLOOR ABOVE
EXG	EXISTING	TFB	TO FLOOR BELOW
FCO	FLOOR CLEANOUT	THRU	THROUGH
FD	FLOOR DRAIN	TMV	THERMOSTATIC MIXING VALVE
FFA	FROM FLOOR ABOVE	TSTAT	THERMOSTAT
FFB	FROM FLOOR BELOW	TYP	TYPICAL
FLA	FULL LOAD AMPS	T&P	TEMPERATURE AND PRESSURE
FPC	FIRE PROTECTION CONTRACTOR	TC	TIME CLOCK
G	GAS	UC	UNDERFLOOR
GA	GAGE	UG	UNDERGROUND
GC	GENERAL CONTRACTOR	UT	SANITARY VENT
GI	GREASE INTERCEPTOR	VTR	VENT THROUGH ROOF
GPM	GALLONS PER MINUTE	VTW	VENT THROUGH WALL
GYP	GYPSUM WALL BOARD	W	WASTE SEWER
HP	HORSEPOWER	WC	WATER COLUMN PRESSURE
IE	INVERT ELEVATION	WCO	WALL CLEANOUT
IW	INDIRECT WASTE	WG	WATER GAGE PRESSURE
IW	INDUSTRIAL WASTE	WHA	WATER HAMMER ARRESTER
LWT	LEAVING WATER TEMPERATURE	WI	WITH
MAV	MANUAL AIR VENT	W/O	WITHOUT
MBH	THOUSAND BTU PER HOUR	WSFU	WATER SUPPLY FIXTURE UNIT
MC	MECHANICAL CONTRACTOR		

NOTE: ALL ABBREVIATIONS MAY NOT BE USED IN THIS SET.

PLUMBING ABBREVIATION LEGEND

AAV	AUTOMATIC AIR VALVE	MFG	MANUFACTURER, MANUFACTURED
AF	ABOVE FINISHED FLOOR	NPW	NONPOTABLE WATER
BFF	BELOW FINISHED FLOOR	OC	ON CENTER
BHP	BRAKE HORSEPOWER	PC	PLUMBING CONTRACTOR
BOP	BOTTOM OF PIPE	PRES	PRESSURE
CA	COMPRESSED AIR	PD	PRESSURE DROP
CO	CLEANOUT	PERF	PERFORATED
COMP	COMPRESSOR	POC	POINT OF CONNECTION
CONN	CONNECTION	PSI	POUNDS PER SQUARE INCH GAGE
COP	COEFFICIENT OF PERFORMANCE	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
COTG	CLEANOUT TO GRADE	PSIG	POUNDS PER SQUARE INCH GAGE
CWW	CLEAR WATER WASTE	RC	ROOFING CONTRACTOR
D	DIAMETER	RD	ROOF DRAIN
DIA	DIAMETER	RET	RETURN
DCW	DOMESTIC COLD WATER CITY	SAN	SANITARY SEWER
DCWS	DOMESTIC COLD WATER SOFT	SF	SQUARE FEET
DET	DETAIL	SOV	SHUTOFF VALVE
DFU	DRAINAGE FIXTURE UNIT	SP	STANDPIPE
DHW	DOMESTIC HOT WATER	STRM	STORM SEWER
DHWR	DOMESTIC HOT WATER RETURN	STM	STEAM
DTW	DOMESTIC TEMPERED WATER	SUP	SUPPLY
EC	ELECTRICAL CONTRACTOR	TC	TEMPERATURE CONTROLS CONTRACTOR
ELEV	ELEVATION	TDH	TOTAL DYNAMIC HEAD
EWT	ENTERING WATER TEMPERATURE	TFA	TO FLOOR ABOVE
EXG	EXISTING	TFB	TO FLOOR BELOW
FCO	FLOOR CLEANOUT	THRU	THROUGH
FD	FLOOR DRAIN	TMV	THERMOSTATIC MIXING VALVE
FFA	FROM FLOOR ABOVE	TSTAT	THERMOSTAT
FFB	FROM FLOOR BELOW	TYP	TYPICAL
FLA	FULL LOAD AMPS	T&P	TEMPERATURE AND PRESSURE
FPC	FIRE PROTECTION CONTRACTOR	TC	TIME CLOCK
G	GAS	UC	UNDERFLOOR
GA	GAGE	UG	UNDERGROUND
GC	GENERAL CONTRACTOR	UT	SANITARY VENT
GI	GREASE INTERCEPTOR	VTR	VENT THROUGH ROOF
GPM	GALLONS PER MINUTE	VTW	VENT THROUGH WALL
GR	GREASE WASTE	W	WASTE SEWER
HP	HORSEPOWER	WC	WATER COLUMN PRESSURE
IE	INVERT ELEVATION	WCO	WALL CLEANOUT
IW	INDIRECT WASTE	WG	WATER GAGE PRESSURE
IW	INDUSTRIAL WASTE	WHA	WATER HAMMER ARRESTER
LWT	LEAVING WATER TEMP.	WI	WITH
MAV	MANUAL AIR VENT	W/O	WITHOUT
MBH	THOUSAND BTU PER HOUR	WSFU	WATER SUPPLY FIXTURE UNIT
MC	MECHANICAL CONTRACTOR		

NOTE: ALL ABBREVIATIONS MAY NOT BE USED IN THIS SET.

PLUMBING LINE LEGEND

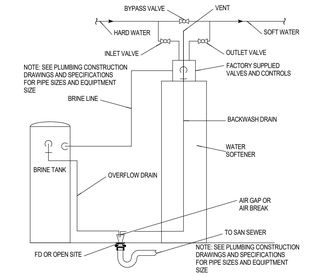
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
	DOMESTIC TEMPERED WATER SUPPLY
	DOMESTIC TEMPERED WATER RETURN
	SANITARY SEWER
	SANITARY VENT
	STORM DRAIN
	PIPE TO BE DEMOLISHED
	PIPE TO BE ABANDONED IN PLACE

NOTE: ALL LINES MAY NOT BE USED IN THIS SET.

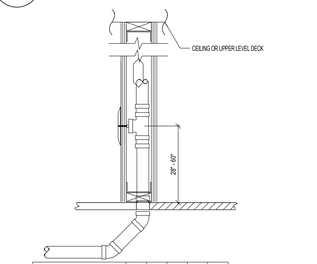
PLUMBING SYMBOL LEGEND

	SANITARY RISE & CONNECTION
	HOT WATER DROP & CONNECTION
	COLD WATER DROP & CONNECTION
	PIPE DROPS
	PIPE RISES
	POINT OF CONNECTION TO EXISTING, FIELD VERIFY

NOTE: NOT ALL SYMBOLS MAY BE USED IN THIS SET.



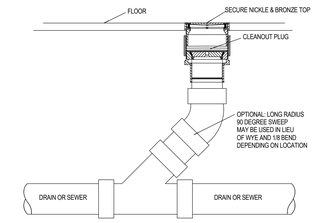
05 P300 WATER SOFTENER
SCALE: NOT TO SCALE



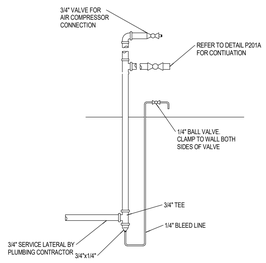
NOM. PIPE SIZE	2"	3"	4"	6"	8"
MIN. WALL WIDTH	3-1/2"	5-1/2"	7-1/2"	9-1/2"	11-1/2"

NOTE: WALL DIMENSIONS ARE TAKEN FROM STUD FACE TO STUD FACE

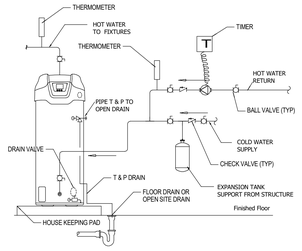
04 P300 WALL CLEANOUT
SCALE: NOT TO SCALE



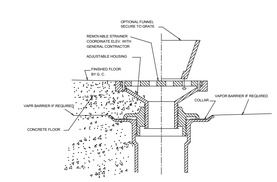
03 P300 FLOOR CLEANOUT
SCALE: NOT TO SCALE



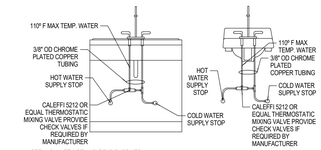
07 P300 WATER SERVICE BLOWUT
SCALE: NOT TO SCALE



06 P300 GAS WATER HEATER
SCALE: NOT TO SCALE



02 P300 FLOOR DRAIN
SCALE: NOT TO SCALE



NOTE: INSULATE HOT AND COLD SUPPLIES

01 P300 MIXING VALVE
SCALE: NOT TO SCALE

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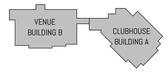
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ARCHITECTS/ENGINEERS
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PAC ACQUISITIONS LLC

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1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
JMM

SCHEDULES AND DETAILS

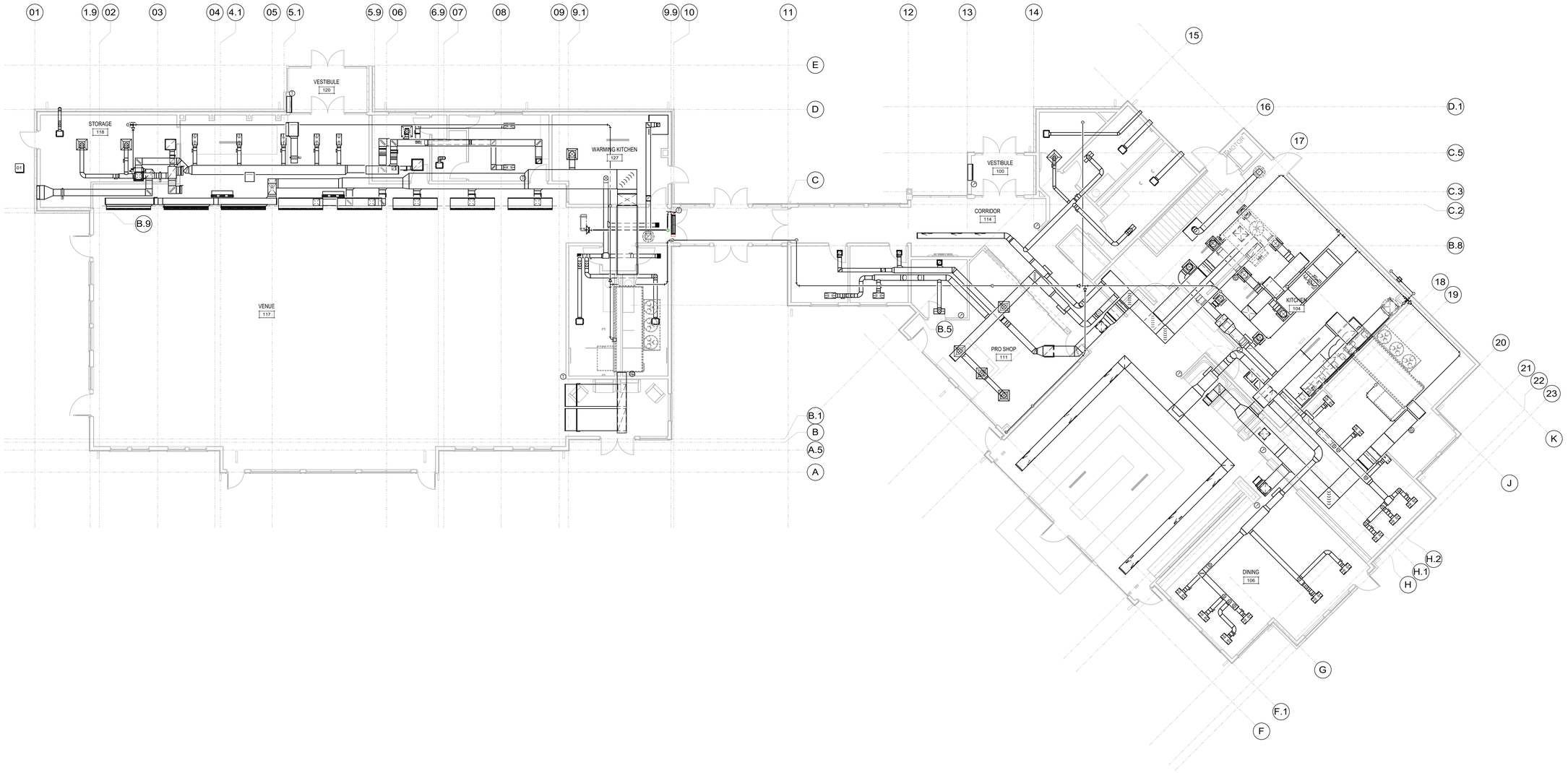
P300

SHEET NOTES:

1. PROVIDE OWNER WITH OPERATION AND MAINTINENCE MANUALS, TESTING AND BALANCING REPORTS UPON JOB COMPLETION. THE AGENCY RESPONSIBLE FOR BALANCING OF THE VENTILATION SYSTEM SHALL DOCUMENT IN WRITING THE AMOUT OF OUTDOOR AIR BEING PROVIDED AND DISTRIBUTED AND SHALL RETAIN A COPY OF THE DOCUMENT ON SITE AND SHALL BE MADE AVAILABLE TO THE STATE DEPT. OF SAFETY UPON REQUEST.
2. CONTRACTOR TO COORDINATE WITH ALL TRADES.
3. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR MOUNTING ALL THERMOSTATS AND SENSORS IN COMPLIANCE WITH ADA REQUIREMENTS (48" HEIGHT FROM FINISHED FLOOR).
4. CONTRACTOR SHALL PROVIDE GAS REGULATORS AT ALL EQUIPMENT REQUIRING A GAS CONNECTION. REGULATE GAS PRESSURE TO MANUFACTURERS REQUIRMENT.

KEYNOTES

01 CONDENSING UNIT SHALL BE LOCATED ON EXTERIOR OF BUILDING BESIDE PATIO. REFER TO M101B AND CIVIL PLANS FOR MORE INFORMATION. FINAL LOCATION SHALL BE COORDINATED WITH GENERAL CONTRACTOR.



OVERALL FIRST FLOOR HVAC PLAN

SCALE: 1/8" = 1'-0"

HVAC SYMBOL LEGEND

	SUPPLY AIR INDICATOR
	RETURN/EXHAUST AIR INDICATOR
	NEW TO EXISTING SYMBOL
T	THERMOSTAT
	FLEXIBLE DUCT CONNECTION
	VOLUME DAMPER
SD	DUCT SMOKE DETECTOR

ALL SYMBOLS MAY NOT BE USED IN THIS SET.

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

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NO:	DESCRIPTION:	DATE:
1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

3/21/2024 7:41:35 AM

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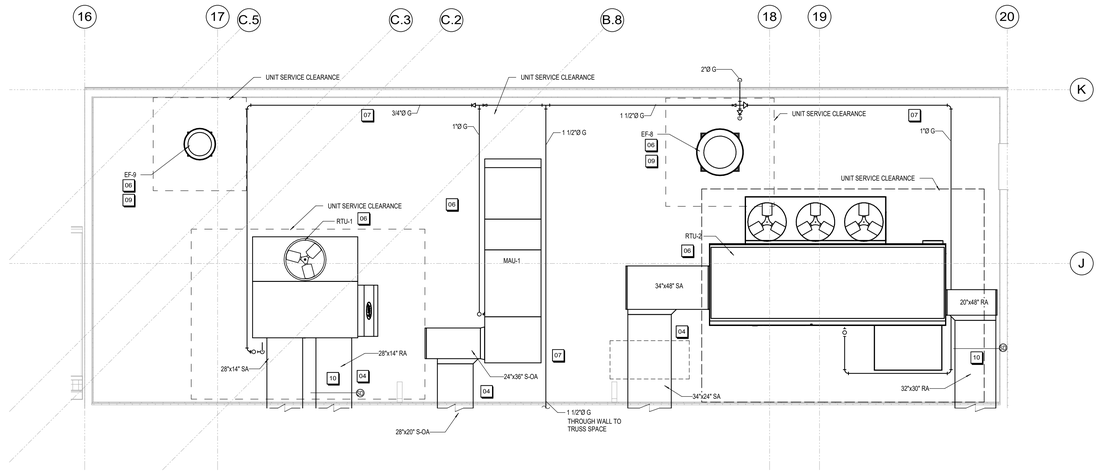
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GAA

OVERALL FIRST FLOOR HVAC PLAN

M101

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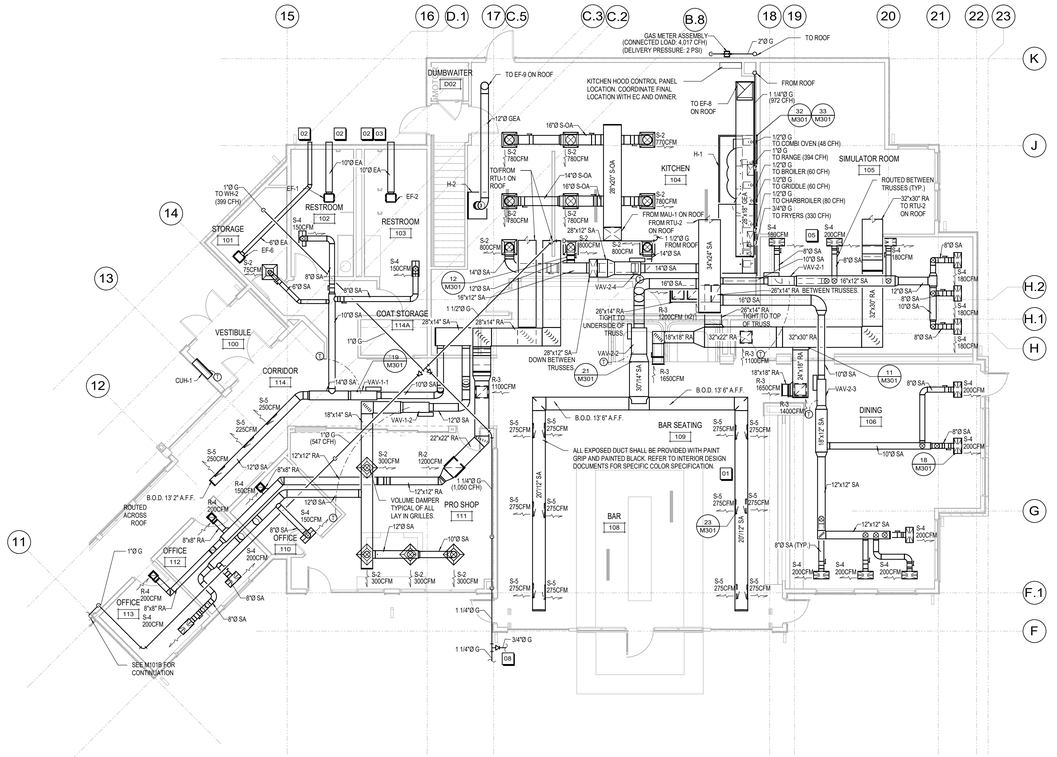
Sheet Size: 30" x 42" (Arch E1)



NORTH

CLUBHOUSE ROOF PLAN

SCALE: 1/4" = 1'-0"



NORTH

FIRST FLOOR HVAC PLAN - CLUBHOUSE

SCALE: 1/8" = 1'-0"

SHEET NOTES:

1. PROVIDE OWNER WITH OPERATION AND MAINTINENCE MANUALS, TESTING AND BALANCING REPORTS UPON JOB COMPLETION. THE AGENCY RESPONSIBLE FOR BALANCING OF THE VENTILATION SYSTEM SHALL DOCUMENT IN WRITING THE AMOUT OF OUTDOOR AIR BEING PROVIDED AND DISTRIBUTED AND SHALL RETAIN A COPY OF THE DOCUMENT ON SITE AND SHALL BE MADE AVAILABLE TO THE STATE DEPT. OF SAFETY UPON REQUEST.
2. CONTRACTOR TO COORDINATE WITH ALL TRADES.
3. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR MOUNTING ALL THERMOSTATS AND SENSORS IN COMPLIANCE WITH ADA REQUIREMENTS (48" HEIGHT FROM FINISHED FLOOR).
4. CONTRACTOR SHALL PROVIDE GAS REGULATORS AT ALL EQUIPMENT REQUIRING A GAS CONNECTION. REGULATE GAS PRESSURE TO MANUFACTURERS REQUIRMENT.

KEYNOTES

01 MECHANICAL CONTRACTOR SHALL COORDINATE FINAL DUCT ROUTING WITH TV(S) AND WINDOW LOCATIONS. INTENT OF DESIGN IS TO ROUTE DUCT ABOVE TV(S) AND WINDOW(S).

02 PROVIDE ARCHITECTURAL WALL CAP FOR EXHAUST DUCT ON EXTERIOR OF BUILDING. CAP SHALL BE PAINTED TO MATCH EXTREIOR SIDING.

03 EXHAUST DUCT SHALL BE LOCATED TO MAINTAIN 3' HORIZONTAL DISTANCE (OR CODE REQUIRED MINIMUM) FROM DOORWAY

04 MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE STAIRS/LADDERS AND PLATFORMS, EQUAL TO COTTERMAN MODEL 6SCS36A3C1P3 PAINTED BLACK, OVER DUCTWORK AS NECESSARY FOR EQUIPMENT SERVICE.

05 DIFFUSERS SHALL BE ORIENTED TO THROW AIR TOWARDS PLAN NORTH WALL.

06 EXHAUST FANS, RTUS, AND MAU SHALL BE LOCATED ON ROOF TO MAINTAIN A 10' HORIZONTAL SEPERATION (OR CODE MINIMUM) BETWEEN EXHAUST OUTLETS AND ANY FRESH AIR INTAKE.

07 NATURAL GAS PIPING SHALL BE LOCATED 6" ABOVE ROOF LEVEL AND SUPPORT PER MENUFACTURERS REQUIREMENTS WITH BLOCKING, DURA-BLOK OR EQUAL.

08 3/4" AND 1 1/4" NATURAL GAS LINES SHALL BE ROUTED TO OWNER-PROVIDED OUTDOOR FIRE PLACES. CONTRACTOR SHALL COORDINATE LOCATION OF GAS SHUT OFF VALVES FOR FIRE PLACES PRIOR TO INSTALLATION. REFER TO SITE/CIVIL PLANS AND DETAIL 06/C800 FOR MOR INFORMATION.

09 EXHAUST FAN SHALL BE LOCATED SUCH THAT FAN DISCHARGE OPENING IS GREATER THAN HEIGHT OF PARAPET AND NOT LESS THAT 40" ABOVE ROOF SURFACE. FAN SHALL BE AT MINIMUM 2' HORIZONTALLY FROM PARAPET WALL. FAN SHALL BE PROVIDED WITH HINGE AND RESTRAINT CABLES FOR SERVICE. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODE AND LISTINGS FOR TYPE I AND II EXHAUST FANS.

10 MECHANICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS IN MAIN RETURN TRUNK OF RTU. COORDINATE WITH ELECTRICAL CONTRACTOR FOR CONNECTION TO FIRE ALARM SYSTEM. UPON DETECTION OF SMOKE, UNIT SHALL SHUT DOWN UNTIL ALARM IS CLEARED.

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SUN PRAIRIE, WI 53590

KEYPLAN



TRUE NORTH

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APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
GAA

FIRST FLOOR HVAC PLAN - CLUBHOUSE

M101A

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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

1. PROVIDE OWNER WITH OPERATION AND MAINTINENCE MANUALS. TESTING AND BALANCING REPORTS UPON JOB COMPLETION. THE AGENCY RESPONSIBLE FOR BALANCING OF THE VENTILATION SYSTEM SHALL DOCUMENT IN WRITING THE AMOUT OF OUTDOOR AIR BEING PROVIDED AND DISTRIBUTED AND SHALL RETAIN A COPY OF THE DOCUMENT ON SITE AND SHALL BE MADE AVAILABLE TO THE STATE DEPT. OF SAFETY UPON REQUEST.
2. CONTRACTOR TO COORDINATE WITH ALL TRADES.
3. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR MOUNTING ALL THERMOSTATS AND SENSORS IN COMPLIANCE WITH ADA REQUIREMENTS (48" HEIGHT FROM FINISHED FLOOR).
4. CONTRACTOR SHALL PROVIDE GAS REGULATORS AT ALL EQUIPMENT REQUIRING A GAS CONNECTION. REGULATE GAS PRESSURE TO MANUFACTURERS REQUIRMENT.

KEYNOTES

01 PROVIDE 1/4" x1/4" WIRE MESH SCREEN AT THE OPEN END OF DUCT ABOVE CEILING.

02 ECONOMIZER SHALL BE PROVIDED FOR FURNACE AND OPERATE AS DETAILED IN THE SEQUENCE OF OPERATIONS. RELIEF AIR SHALL BE DUCTED INTO PLENUM SPACE, DUCT CAPPED WITH 1/4"x1/4" WIRE MESH, AND PROVIDED WITH MOTORIZED DAMPER.

03 FINAL DUCT LOCATION AND SIZING SHALL BE COORDINATED WITH TRUSS PROFILES. ALL DUCTWORK PROVIDED SHALL BE OF SIZE ON CONTRACT DOCUMENTS OR OF EQUIVALENT INTERNAL FREE AREA.

04 DISHWASHER HOOD SHALL BE INTERLOCKED WITH DISHWASHER OPERATION.

05 FURNACE COMBUSTION AIR AND FLUE SHALL BE ROUTED THORUGH ROOF AND TERMINATED PER MANUFACTURER'S REQUIREMENTS.

06 GENERAL CONTRACTOR SHALL PROVIDE 4" CONCRETE PAD. PAD SHALL EXTEND 6" BEYOND UNIT. COORDINATE FINAL DIMENSIONS WITH EQUIPMENT SUBMITTALS. COORDINATE WITH SITE DRAWINGS FOR FINAL LOCATION.

07 DIFFUSER SHALL BE SET TO THROW TO FAR WALL OF VENUE AT TOP OF WINDOWS. FINAL ADJUSTMENTS SHALL BE MADE AFTER INSTALLATION IS COMPLETE AND TEST AND BALANCE IS SCHEDULED.

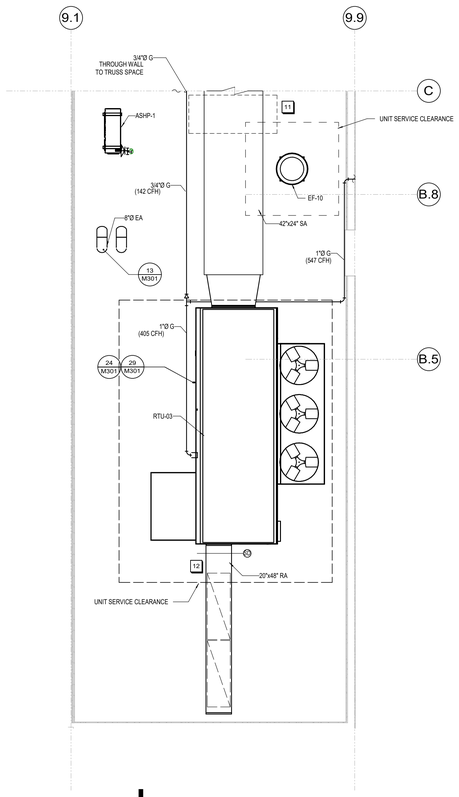
08 REFRIGERANT LINESETS SHALL BE ROUTED FROM CONDENSING UNIT TO FURNACE. FOLLOW ALL MANUFACTURERS REQUIREMENTS FOR SIZING AND ROUTING. LINESETS SHALL BE ROUTED BELOW GRADE FROM CONDENSING UNIT TO BUILDING. LINESETS SHALL BE ROUTED ABOVE CEILING WITHIN BUILDING.

09 PROVIDE ARCHITECTURAL WALL CAP FOR EXHAUST DUCT ON EXTERIOR OF BUILDING. CAP SHALL BE PAINTED TO MATCH EXTREIOR SIDING.

10 FINAL COLOR OF LOUVER SHALL BE COORDINATED WITH OWNER/ARCHITECT TO MATCH EXTERIOR FINISH.

11 MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE STAIRS/LADDERS AND PLATFORMS, EQUAL TO TRI-ARC MODEL TCY96 PAINTED BLACK, OVER DUCTWORK AS NECESSARY FOR EQUIPMENT SERVICE.

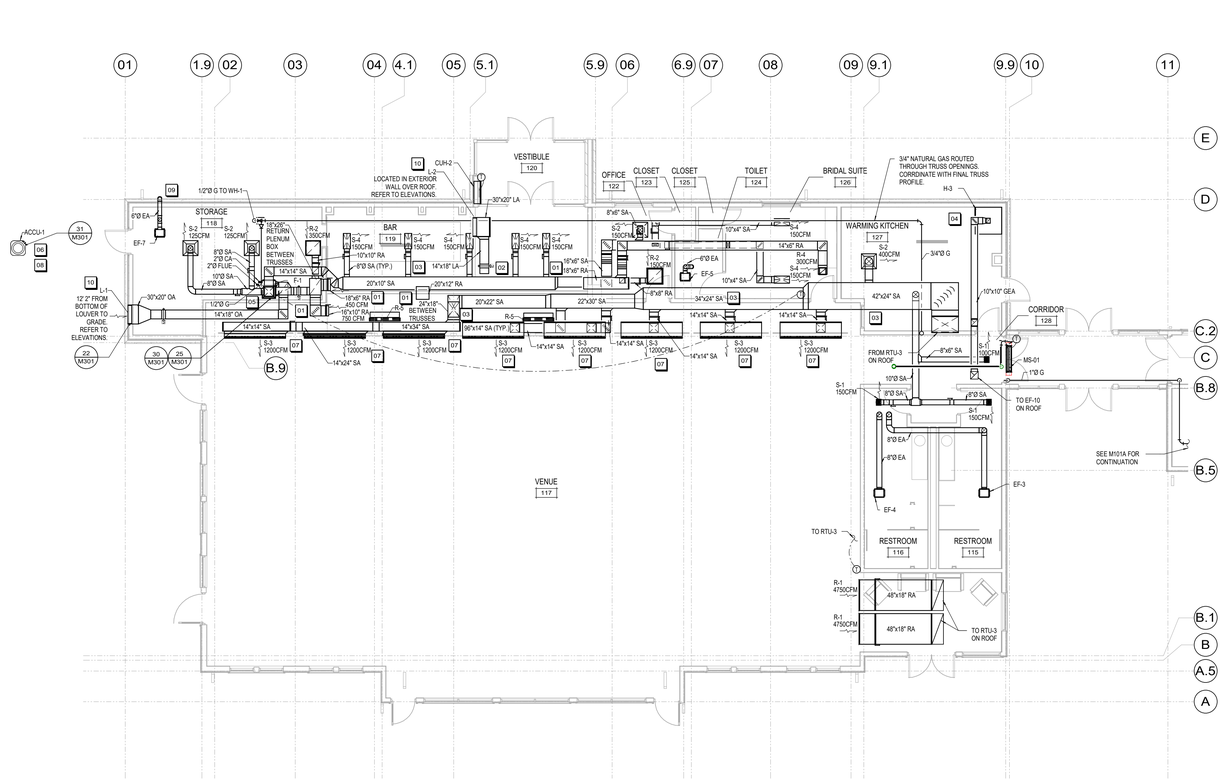
12 MECHANICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS IN MAIN RETURN TRUNK OF RTU. COORDINATE WITH ELECTRICAL CONTRACTOR FOR CONNECTION TO FIRE ALARM SYSTEM. UPON DETECTION OF SMOKE, UNIT SHALL SHUT DOWN UNTIL ALARM IS CLEARED.



NORTH

VENUE ROOF PLAN

SCALE: 1/4" = 1'-0"



NORTH

FIRST FLOOR HVAC PLAN - VENUE

SCALE: 1/8" = 1'-0"

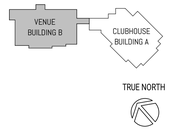
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KEYPLAN



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APPROVED BY
JAD

REVIEWED BY
SJG

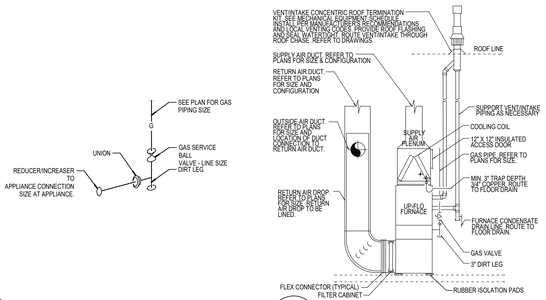
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FIRST FLOOR HVAC PLAN - VENUE

M101B

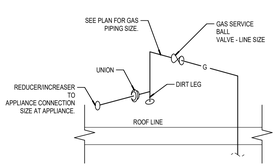
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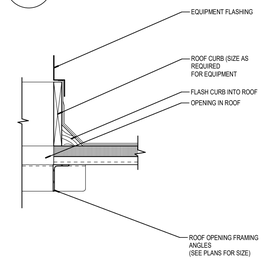
Sheet Size: 30" x 42" (Arch E1)



30 M301 GAS PIPING CONNECTION DETAIL
SCALE: NOT TO SCALE

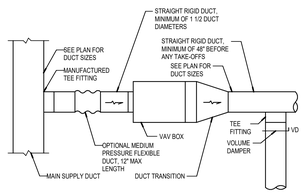
25 M301 TYPICAL FURNACE INSTALLATION DETAIL
SCALE: NOT TO SCALE



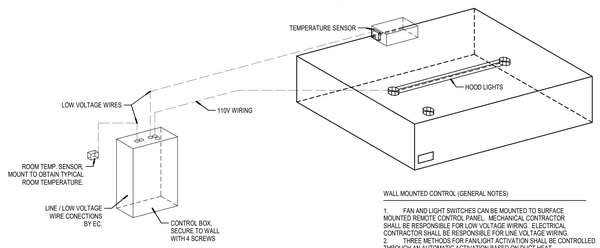


29 M301 GAS PIPING CONNECTION DETAIL
SCALE: NOT TO SCALE

24 M301 ROOF CURB DETAIL
SCALE: NOT TO SCALE

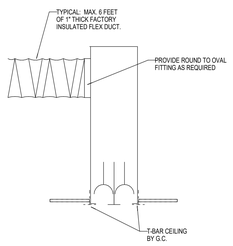


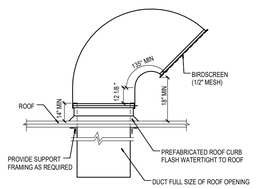
19 M301 VAV BOX INSTALLATION DETAIL
SCALE: NOT TO SCALE



WALL MOUNTED CONTROL (GENERAL NOTES)

1. FAN AND LIGHT SWITCHES CAN BE MOUNTED TO SURFACE MOUNTED REMOTE CONTROL PANEL. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOW VOLTAGE WIRING. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR LINE VOLTAGE WIRING.
2. THREE METHODS FOR FAN/LIGHT ACTIVATION SHALL BE CONTROLLED THROUGH AN AUTOMATIC ACTIVATION BASED ON DUCT HEAT SENSOR.
3. HEAT SENSOR CABLE PROVIDED, INSTALLED BY M.C.



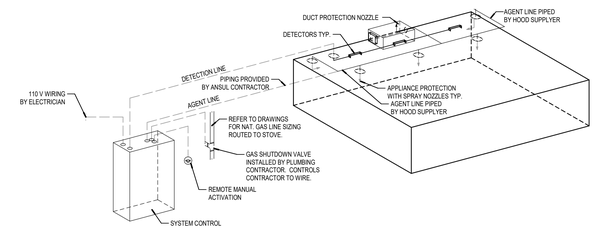


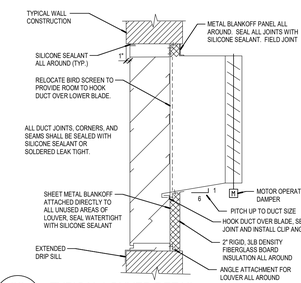
33 M301 HOOD EXHAUST FAN CONTROL DETAIL
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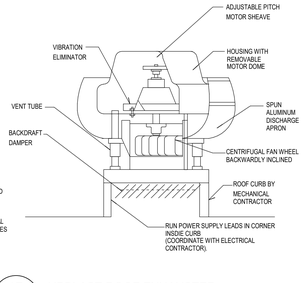
23 M301 TYPICAL DUCT MOUNTED GRILLE
SCALE: NOT TO SCALE

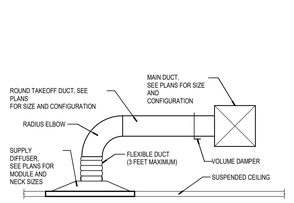
18 M301 SLOT DIFFUSER DETAIL
SCALE: NOT TO SCALE

13 M301 TYPICAL GOOSENECK DETAIL
SCALE: NOT TO SCALE

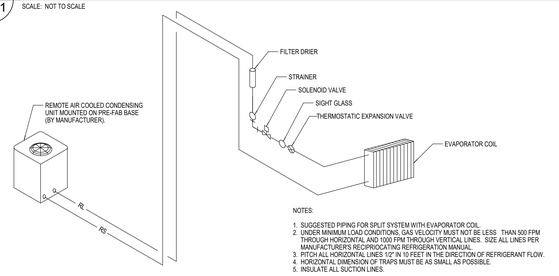








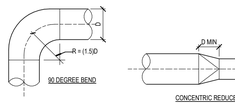
32 M301 FIRE SUPPRESSION SYSTEM LAYOUT W/ WALL-MOUNTED SYSTEM DETAIL
SCALE: NOT TO SCALE

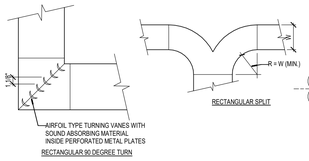


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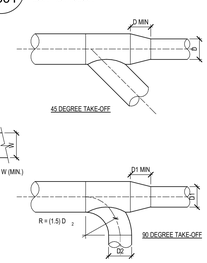
1. SUGGESTED PIPING FOR SPLIT SYSTEM WITH EVAPORATOR COIL.
2. UNDER MINIMUM LOAD CONDITIONS, GAS VELOCITY MUST NOT BE LESS THAN 500 FPM THROUGH HORIZONTAL AND 1000 FPM THROUGH VERTICAL LINES. SIZE ALL LINES PER MANUFACTURER'S RECIPROCATING REFRIGERATION MANUAL.
3. PITCH ALL HORIZONTAL LINES 1/2" IN 10 FEET IN THE DIRECTION OF REFRIGERANT FLOW.
4. HORIZONTAL DIMENSION OF TRAPS MUST BE AS SMALL AS POSSIBLE.
5. INSULATE ALL SUCTION LINES.

22 M301 TYPICAL LOUVER DETAIL
SCALE: NOT TO SCALE

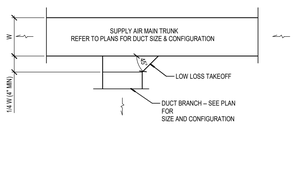




17 M301 UPBLAST ROOF EXHAUSTER
SCALE: NOT TO SCALE



12 M301 TYPICAL SUPPLY DIFFUSER TAKEOFF
SCALE: NOT TO SCALE



31 M301 REFRIGERANT PIPING DETAIL
SCALE: NOT TO SCALE

21 M301 TYPICAL DUCT FITTINGS
SCALE: NOT TO SCALE

11 M301 TYPICAL LOW-LOSS FITTING
SCALE: NOT TO SCALE

HOOD SHEDULE

TAG	SERVING	MANUFACTURER & MODEL NUMBER	LENGTH	WIDTH	EXHAUST PLENUM				HOOD CONSTRUCTION	HOOD CONFIGURATION		FILTER(S)			
					TOTAL EXH. CFM	EXHAUST COLLAR(S)				LIGHTING	FIRE PROTECTION	TYPE	QTY.	HEIGHT (IN)	LENGTH (IN)
						SIZE (W"xL")	CFM	S.P.							
H-1	104 - KITCHEN	GREENHECK: GXEW	216"	60"	4220	17" x 10" 23" x 10"	1774 2448	-	430 SS WHERE EXPOSED	INCANDESCENT/CFL	YES	SS X-TRACTOR	12	20 (12)	20 (6) 16 (6)
H-2	104 - KITCHEN	GREENHECK: GO	42"	30"	450	7" x 6"	450	0.286	430 SS 100% CONSTRUCTION	-	NO	-	-	-	-
H-3	127 - WARMING KITCHEN	GREENHECK: GD1	42"	42"	450	7" x 6"	450	0.286	430 SS 100% CONSTRUCTION	-	NO	-	-	-	-

NOTE: FINAL HOOD DEPTH SHALL BE SIZED FOR A MINIMUM OF 6" OVERHANG FROM THE FRONT EDGE OF COOKING EQUIPMENT WHILE IN OPERATION. COORDINATE FIRE SUPPRESSION WITH FIRE SUPPRESSION CONTRACTOR. THE FIRE SUPPRESSION CONTRACTOR SHALL SUPPLY AND INSTALL A COMPLETE FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA 96 REQUIREMENTS.

MINI SPLIT INDOOR UNIT SCHEDULE

INDOOR UNIT TAG	AREA SERVED	HEATING COIL		COOLING COIL (DX)			ELECTRICAL		REFRIGERANT			NET WEIGHT (LBS)	MANUFACTURER & MODEL NUMBER
		TOT. CAP. (MBH)	CFM	TOT. CAP. (MBH)	WINTER (OUTDOOR) MAX/MIN °F	CFM	(VOLT/PH) @ 60 HZ	MCA	LIQUID LINE (IN, OD)	VAPRO LINE (IN, OD)	TYPE		
MS-1	129 PEDESTRIAN WALKWAY	27	629	24.0	23	629	208-1	24.1	1/4	5/8	R-410A	28	SAMSUNG AC024BNADCH

UNIT SHALL BE SHIPPED WITH FACTORY PROVIDED DISCONNECT & CONDENSATE PUMP.

AIR-SOURCE HEAT PUMP SCHEDULE

TAG	SERVING	AIR FLOW	MAX COOLING CAPACITY (MBH)	SEER	REFRIGERANT TYPE	VOLTAGE @ 60HZ.	MCA	NET WEIGHT	MANUFACTURER & MODEL NUMBER
ASHP-1	MS-1	2684	24.0	19.5	R-410A	208-1	24.1	158.7	SAMSUNG AC024BXADCH

EXHAUST FAN SCHEDULE

TAG	ROOM LOCATION	SYSTEM	CFM	SP	RPM	MOTOR H.P.	VOLTAGE @ 60HZ.	DRIVE	FAN TYPE	MANUFACTURER & MODEL NUMBER	CONTROL
EF-1	102 RESTROOM	BATHROOM EXHAUST	225	0.21	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A200	INTERLOCKED WITH OCCUPANCY SENSORS
EF-2	103 RESTROOM	BATHROOM EXHAUST	225	0.21	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A200	INTERLOCKED WITH OCCUPANCY SENSORS
EF-3	115 RESTROOM	BATHROOM EXHAUST	225	0.21	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A200	INTERLOCKED WITH OCCUPANCY SENSORS
EF-4	116 RESTROOM	BATHROOM EXHAUST	225	0.21	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A200	INTERLOCKED WITH OCCUPANCY SENSORS
EF-5	124 RESTROOM	BATHROOM EXHAUST	75	0.24	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A90	INTERLOCKED WITH OCCUPANCY SENSORS
EF-6	101 STORAGE ROOM	JANITOR EXHAUST	75	0.24	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A90	INTERLOCKED WITH OCCUPANCY SENSORS
EF-7	118 STORAGE ROOM	JANITOR EXHAUST	75	0.24	900	FRACTIONAL	115-1	DIRECT	CENTRIFUGAL	GREENHECK SP-A90	INTERLOCKED WITH OCCUPANCY SENSORS
EF-8	104 KITCHEN	KITCHEN EXHAUST	4220	1.5	1416	3	208-3	BELT	UPBLAST CENTRIFUGAL	GREENHECK CUBE-200HP-30	INTERLOCKED WITH KITCHEN EQUIPMENT
EF-9	104 KITCHEN	DISHWASHER EXHAUST	450	0.786	1687	1/4	115-1	DIRECT	UPBLAST CENTRIFUGAL	GREENHECK CUE-100HP-VG	INTERLOCKED WITH DISHWASHER OPERATION
EF-10	127 WARMING KITCHEN	DISHWASHER EXHAUST	450	0.786	1687	1/4	115-1	DIRECT	UPBLAST CENTRIFUGAL	GREENHECK CUE-100HP-VG	INTERLOCKED WITH DISHWASHER OPERATION

NOTE: PROVIDE BACKDRAFT DAMPER WITH ALL EXHAUST FANS.

VAV TERMINAL UNIT SCHEDULE

TAG	AREA SERVED	CFM MAX ACT.	CFM MIN	REHEAT CFM	MAX. UNIT P.D. (IN. W.C.)	REHEAT COIL			V/HZ/PH	AMPS	SIZE	MANUFACTURER & MODEL NUMBER
						EAT (°F)	LAT (°F)	MBH				
VAV-1-1	101, 102, 103, 114	1100	330	950	0.75	56	93	38.0	460/60/3	15.0	10	ETI SDR
VAV-1-2	110, 111, 112, 113	1750	525	850	0.75	56	93	34.0	460/60/3	12.5	12	ETI SDR
VAV-2-1	105	1100	330	700	0.75	56	93	28.0	460/60/3	11.3	10	ETI SDR
VAV-2-2	108, 109	3300	990	1800	0.75	56	93	72.0	460/60/3	27.6	16	ETI SDR
VAV-2-3	106	1400	420	800	0.75	56	93	32.0	460/60/3	12.5	10	ETI SDR
VAV-2-4	104	2400	720	850	0.75	56	93	34.0	460/60/3	12.5	14	ETI SDR

NOTE: SCR CONTROLS SHALL BE PROVIDED FOR ALL ELECTRIC REHEAT VAV BOXES.

WALL HEATER SCHEDULE (ELECTRICAL)

TAG	ROOM LOCATION	WATTS	VOLTS	AMPS	BTU / HR OUTPUT	MANUFACTURER & MODEL NUMBER
EWH-1	115 - RESTROOM	1,500	120	12.5	5118	QMARK AWH3150F
EWH-2	102 - RESTROOM	1,500	120	12.5	5118	QMARK AWH3150F
EWH-3	103 - RESTROOM	1,500	120	12.5	5118	QMARK AWH3150F

CABINET UNIT HEATER

TAG	ROOM LOCATION	TYPE	CFM	KW	AMPS	BTUH/HR. OUTPUT	MOTOR H.P.	VOLTAGE @ 60HZ.	MANUFACTURER & MODEL NUMBER
CUH-1	100 VESTIBULE	RECESSED WALL MOUNTED	250	4	20	13,652	1/8	208-1	QMARK CU935
CUH-2	120 VESTIBULE	RECESSED WALL MOUNTED	250	4	20	13,652	1/8	208-1	QMARK CU935

LOUVER SCHEDULE

TAG	ROOM LOCATION	SIZE W" X H"	TYPE	CONSTRUCTION	MANUFACTURER & MODEL NUMBER
L-1	118 - STORAGE	30"x20"	STATIONARY	EXTRUDED ALUMINUM	GREENHECK ESD-635
L-2	119 - BAR (AT ROOF LEVEL)	30"x20"	STATIONARY	EXTRUDED ALUMINUM	GREENHECK ESD-635

PACKAGED ROOFTOP UNIT SCHEDULE

TAG		RTU-1	RTU-2	RTU-3
MANUFACTURER		AAON	AAON	AAON
MODEL NUMBER		RN-008-3-0	RNA-025-C-A-3	RNA-030-C-A-3
TOTAL COOLING CAPACITY (MBH)		99.1	201	346.9
SENSIBLE COOLING CAPACITY (MBH)		73.6	212.4	258
MAX. HEAT CAPACITY (MBH)		120	328.1	328.1
AIRFLOW (CFM)		2850	8200	10400
OUTSIDE AIR (CFM)		525	945	2025
SUPPLY FAN RPM		2129	1674	1928
SUPPLY EXT. STATIC (IN WC)		2	2	2
EXHAUST FAN RPM		1031	1715	1981
EXHAUST FAN EXT. STATIC (IN WG)		0.5	0.5	0.5
EVAP. ENTERING AIR TEMPERATURE (DB / WB)		77.2/65.1	76.4/64.1	77.3/65.2
EVAP. LEAVING AIR TEMPERATURE (DB / WB)		55.4/54.0	54.8/52.6	57.4/55.1
AMBIENT AIR TEMPERATURE - DEG. F.		95	95	95
BASE UNIT WEIGHT (LBS)		1353	3782	3978
BASE UNIT DIMENSIONS (L x W x H)		82" x 44" x 44"	185" x 64" x 60"	185" x 64" x 60"
MAX. CIRCUIT AMPS		26.00	78	98
MAX. OVERLOAD PROTECTION		35.00	90	110
SUPPLY FAN HP		3.00	10	15
EXHAUST FAN HP		2.00	7.50	10.00
ELECTRICAL CHARACTERISTICS	VOLTS	460	460	460
	PHASE	3	3	3
	HERTZ	60	60	60
AIRSIDE ECONOMIZER		YES	YES	YES
MODULATING GAS HEAT		NO	NO	NO
VAV CONTROL		SINGLE ZONE	TRUE VAV	TRUE VAV

NOTE: PROVIDE FACTORY DISCONNECT ON UNIT AND INTEGRAL AUXILLARY 120 VOLT RECEPTICAL INCLUDING POWER TRANSFORMER.

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	DESCRIPTION	NECK	MANUFACTURER & MODEL NUMBER
S-1	8" x 6" ALUMINUM LOUVERED SUPPLY GRILLE, SINGLE DEFLECTION 3/4" BLADE SPACING	-	TITUS MODEL 301FL
S-2	24" x 24" STEEL SURFACE MOUNT PLAQUE FACE DIFFUSER	SEE DRAWING	TITUS MODEL OMNI
S-3	14" x 96" MODULINEAR DIFFUSER, ALUMINUM, 1" SLOT, 8-SLOT	-	TITUS MODEL ML-39
S-4	12" x 24" MODULINEAR DIFFUSER, ALUMINUM, 1" SLOT, 6-SLOT	-	TITUS MODEL ML-39
S-5	22"x 4" ALUMINUM DIRECT SPIRAL MOUNTED GRILLE	-	TITUS MODEL 50FL
R-1	48" x 18" ALUMINUM EGGCRATE RETURN	-	TITUS MODEL 50F
R-2	24" x 24" ALUMINUM EGGCRATE RETURN	-	TITUS MODEL 50F
R-3	18" x 18" ALUMINUM EGGCRATE RETURN	-	TITUS MODEL 50F
R-4	10" x 10" ALUMINUM EGGCRATE RETURN	-	TITUS MODEL 50F
R-5	48" x 4.5" ALUMINUM MODULINEAR SLOT RETURN DIFFUSER, 1" SLOT, 2-SLOT	-	TITUS MODEL MLR-39

NOTES: PROVIDE OPTIONAL AIR SCOOP DAMPER ON ALL MODEL 530YFL
PROVIDE OPTIONAL OPPOSED BLADE DAMPER ON ALL MODEL 301FL AND MODEL 50F INSTALLED IN GYPSUM CEILINGS.

MAKE UP AIR SCHEDULE (DIRECT FIRED)

TAG		MAU-1
MANUFACTURER		GREENHECK
MODEL NUMBER		DGX-P116-H22-MF
WEIGHT (lbs.)		1,162
AIRFLOW (CFM)		4,670
EXTERNAL STATIC PRESSURE		0.75
MAXIMUM TEMPERATURE RISE (DEGREES FAHRENHEIT)		90
MAXIMUM CAPACITY (MBH)		454
MOTOR HP		3
ELECTRICAL CHARACTERISTICS	VOLTS	208
	PHASE	3
	HERTZ	60

NOTE: UNIT MOUNTED NON-FUSED DISCONNECT

FURNACE SCHEDULE

TAG		F-1
MANUFACTURER		LENNOX
MODEL NUMBER		ML296UH110XV60C
NET WEIGHT (lbs.)		174
AIRFLOW (CFM)		1550
OSA (CFM)		200
ESP (W.G.)		1.0
INPUT CAPACITY (MBH)		110.0
AFUE		96%
INDOOR BLOWER HP		1.0
MOCP		20
ELECTRICAL CHARACTERISTICS	VOLTS	120
	PHASE	1
	HERTZ	60

AIR COOLED CONDENSING UNIT SCHEDULE

TAG	SERVING	RATED TONS	CAPACITY STEPS	SEER	COMPRESSOR		CONDENSER			VOLTAGE @ 60HZ.	MIN. CIRCUIT AMPACITY	MANUFACTURER & MODEL NUMBER
					RLA EA.	LRA EA.	AIRFLOW CFM	NO. OF FANS	AMBIENT TEMP.			
ACCU-1	F-1	5	2	17	16.7	110	3,900	1	95	208-3	23.4	LENNOX ML16XC2-060-233

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PROJECT NUMBER
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APPROVED BY
JAD

REVIEWED BY
SJG

DRAWN BY
GAA

MECHANICAL SCHEDULES AND DETAILS

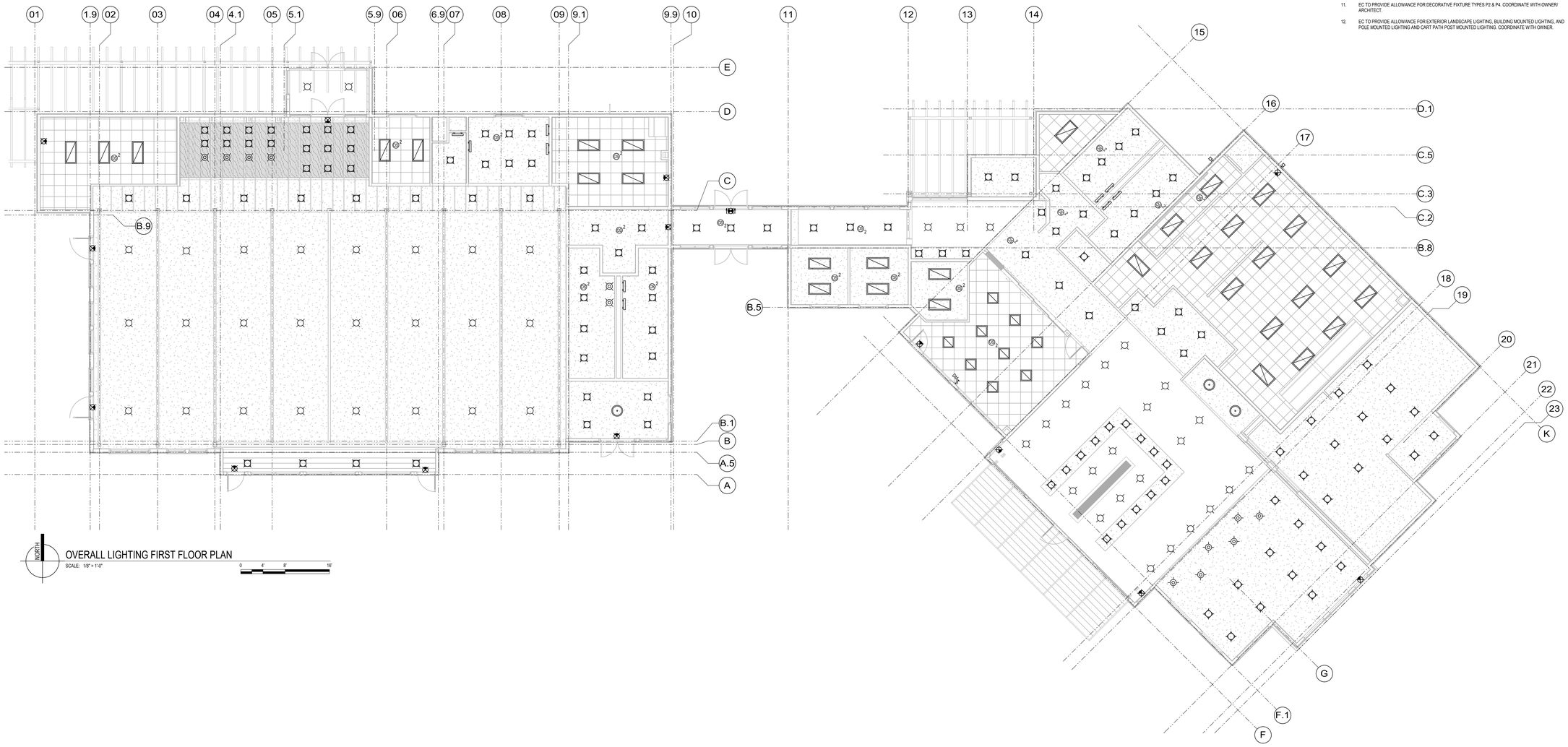
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Sheet Size: 30" x 42" (Arch E1)

SHEET NOTES:

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8. FIXTURES CI/EM, LR/M, DE/M, DI/EM, AND D2/EM TO BE POWERED VIA INVERTER POWER DURING EMERGENCY POWER CONDITIONS. INVERTER INV-1 ARE TO POWER VENUE FIXTURES. INVERTER INV-2 ARE TO POWER CLUBHOUSE FIXTURES.
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OVERALL LIGHTING FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

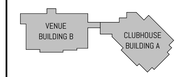
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APPROVED BY
AJR

REVIEWED BY
CTK

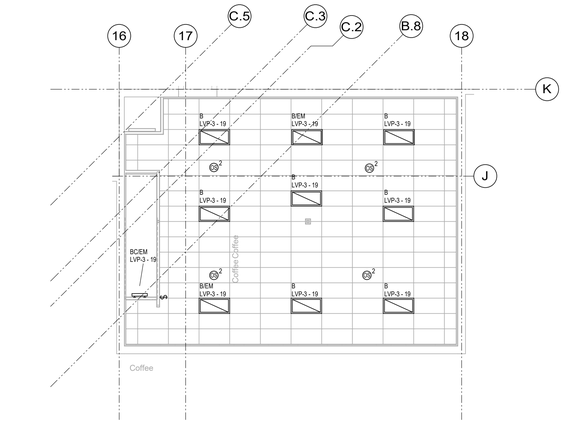
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FIRST FLOOR OVERALL LIGHTING PLAN

E101

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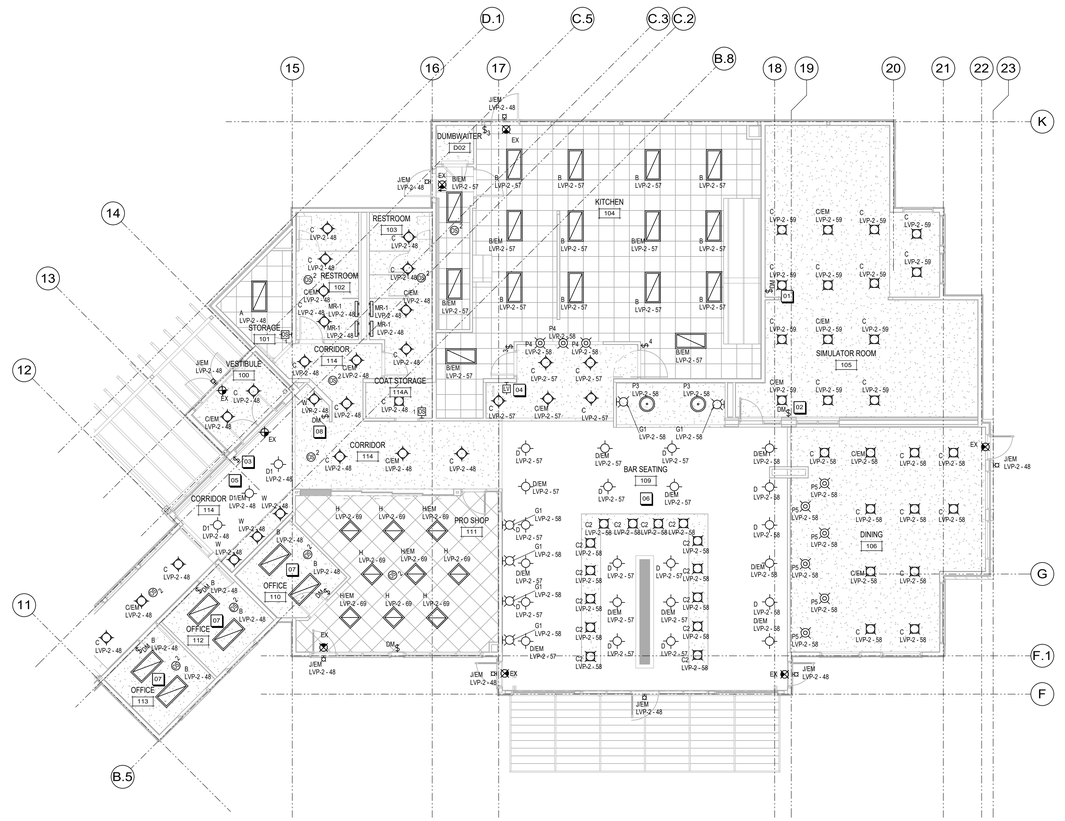


NORTH

BASEMENT LIGHTING PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



NORTH

FIRST FLOOR LIGHTING PLAN CLUBHOUSE

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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KEYNOTES

- 01 SWITCH TO CONTROL C AND C/EM FIXTURE NORTH AREA OF SIMULATOR ROOM.SWITCH TO CONTROL P5 TYPE FIXTURE.
- 02 SWITCH TO CONTROL C AND C/EM FIXTURE SOUTH AREA OF SIMULATOR ROOM.SWITCH TO CONTROL P5 TYPE FIXTURE.
- 03 SWITCH TO CONTROL C, C/EM, D, D/EM, D1, D1/EM FIXTURE ON CORRIDOR 114 AND VESTIBULE 100.
- 04 E.C. TO PROVIDE WATTSTOPPER 24V LOW VOLTAGE 8 -BUTTON WALL SWITCH LVSW-108-W OR A COMPATIBLE EQUAL TO THE LIGHTING REQUIREMENTS.
- 05 TYPE D1 & D1/EM FIXTURES TO BE MOUNTED AT 15'-0" TO BOTTOM AFF.
- 06 TYPE D & D/EM FIXTURES TO BE MOUNTED AT 15'-0" TO BOTTOM AFF
- 07 PROVIDE SURFACE MOUNTING KIT FOR 2X4 FIXTURES IN THIS SPACE.
- 08 DIMMER TO CONTROL ALL TYPE W FIXTURES.

LIGHTING SEQUENCE OF OPERATION

DINING AREA AND BAR SEATING OF THE CLUBHOUSE ARE TO BE CONTROLLED VIA 8-BUTTON LOW VOLTAGE SWITCH LOCATED AT POINT OF SALES COUNTER.
- DIMMING C2 DOWNLIGHTS IN BAR SEATING 109.
- DIMMING D AND D/EM CYLINDER LIGHTS IN BAR SEATING 109.
- DIMMING G1 PICTURE LIGHTS IN BAR SEATING 109.
- DIMMING C AND C/EM DOWNLIGHTS DIMMING IN DINING 106.

PROVIDE (1) PHASE DIMMER SWITCH FOR TYPE P3 FIXTURES.
PROVIDE (1) PHASE DIMMER SWITCH FOR TYPE P5 FIXTURES.
PROVIDE (1) 0-10V DIMMER SWITCH FOR TYPE C AND C/EM DOWNLIGHTS IN BAR SEATING 109.

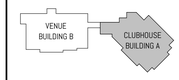
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AJR

REVIEWED BY
CTK

DRAWN BY
MJA

FIRST FLOOR LIGHTING PLAN CLUBHOUSE- AREA A

E101A

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Sheet Size: 30" x 42" (Arch E1)

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12. EC TO PROVIDE ALLOWANCE FOR EXTERIOR LANDSCAPE LIGHTING, BUILDING MOUNTED LIGHTING, AND POLE MOUNTED LIGHTING AND CART PATH POST MOUNTED LIGHTING. COORDINATE WITH OWNER.

KEYNOTES

01 ALL CABLING ABOVE CEILINGS IN THIS AREA ARE TO BE PLENUM RATED.

02 BOTTOM OF TYPE D, D/EM, D1, D1/EM, D2, AND D2/EM FIXTURES TO BE MOUNTED FLUSH WITH BEAM.

03 E.C. TO PROVIDE TOUCHSCREEN WAVELINX WIRED TSE55-B.

04 E.C. TO PROVIDE BELLA TAPE LIGHT RGBW40 MOUNTED HORIZONTALLY ABOVE GLULAM BEAM AT ALCOVE. PROVIDE ALUMINUM CHANNEL, FROSTED LENS, AND ACCESORIES. PROVIDE DMX CONTROLLER AT BAR NEAR OTHER LIGHTING CONTROLS. REFER TO SECTION 21/A704.

LIGHTING SEQUENCE OF OPERATION

DINING AREA, BAR AREA, AND SEATING AREA AND VESTIBULE OF THE VENUE ARE TO BE CONTROLLED VIA TOUCHSCREEN SCENE CONTROLLER LOCATED ON THE WALL NEAR THE VENUE BAR. COORDINATE PROGRAMMED SCENES WITH OWNER.

- ZONE 1 INCLUDES D AND D/EM CYLINDER LIGHTS DIMMING IN THE VENUE AREA.
- ZONE 2 INCLUDES D1 AND D1/EM CYLINDER LIGHTS DIMMING IN THE VENUE AREA.
- ZONE 3 INCLUDES D2 AND D2/EM CYLINDER LIGHTS DIMMING IN THE VENUE AREA.
- ZONE 4 INCLUDES G LED WALL SCONCE IN THE VENUE AREA.
- ZONE 5 INCLUDES C1 AND C1/EM DOWNLIGHTS DIMMING IN THE BAR AREA OF THE VENUE.
- ZONE 6 INCLUDES C AND C/EM DOWNLIGHTS DIMMING IN THE VENUE AREA.
- ZONE 7 INCLUDES D AND D/EM CYLINDER LIGHTS DIMMING IN VESTIBULE OF THE VENUE AREA.
- ZONE 8 INCLUDES C AND C/EM CYLINDER LIGHTS DIMMING IN THE SEATING AREA.
- ZONE 9 INCLUDES P2 CHANDELIER LIGHT DIMMING IN THE SEATING AREA.

PROVIDE (1) PHASE DIMMER SWITCH FOR TYPE P1 FIXTURES.



FIRST FLOOR LIGHTING PLAN VENUE

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

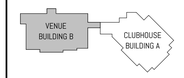
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AJR

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CTK

DRAWN BY
MJA

FIRST FLOOR LIGHTING PLAN
VENUE - AREA B

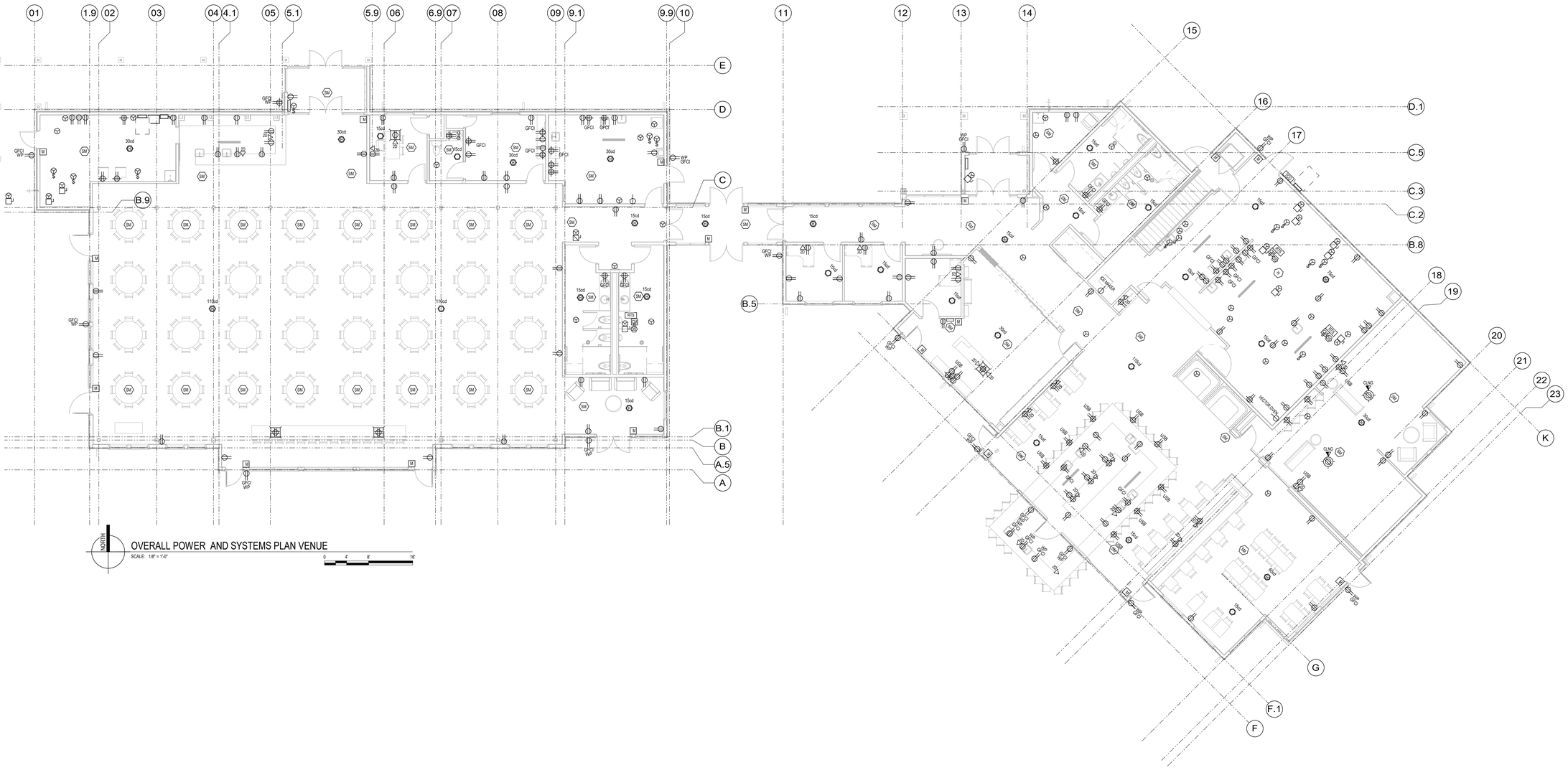
E101B

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SHEET NOTES:

1. THE CONTRACTOR'S BID PRICE SHALL INCLUDE THE RESOLUTION OF MINOR DISCREPANCIES AT NO COST TO THE OWNER. PRIOR TO THE START OF THE RENOVATION THE CONTRACTOR SHALL RE-VERIFY ALL EXISTING ELECTRICAL SYSTEMS AND SYSTEM COMPONENTS AND REPORT ANY SIGNIFICANT DISCREPANCIES FOUND TO THE A/E FOR RESOLUTION. ANY CONTROLLED EQUIPMENT OR COMPONENTS NOT NOTED IN THE PLANS OR SPECS BUT FOUNDPRIOR TO OR DURING COMPLETION OF THE NEW WORK SHALL ALSO BE REPORTED TO THE A/E.
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5. ALL EXPOSED LOW VOLTAGE CABLING TO BE IN CONDUIT. LOW VOLTAGE CABLING ABOVE CEILING ARE TO BE PLENUM RATED.
6. ELECTRICAL CONTRACTOR TO CALCULATE VOLTAGE DROP OF ALL BRANCH CIRCUITS EXCEEDING 100' AND INCREASE CONDUCTOR AND GROUND SIZES AS REQUIRED TO MAINTAIN LESS THAN 5% COMBINED FEEDER/BRANCH VOLTAGE DROP AT THE FARTHEST LOAD.
7. NEW RECEPTACLES IN KITCHEN ARE TO BE GFCI PROTECTED.
8. ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT SELECTIONS ARE TO BE COORDINATED WITH SUPPLIER PRIOR TO PURCHASING AND/OR INSTALLATION OF BRANCH CIRCUIT EQUIPMENT AND WIRING.
9. ALL TV RECEPTACLES AND DATA MOUNTING HEIGHT TO BE FIELD VERIFIED WITH OWNER.
10. NEW FIRE ALARM LAYOUT IS DIAGRAMMATIC. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL QUANTITY OF NOTIFICATION DEVICES TO PROVIDE FULL COVERAGE OF SPACES. FIRE ALARM SUPPLIER IS RESPONSIBLE FOR CODE COMPLIANT SYSTEM AND ANY REVIEW FEES AND DOCUMENTATION REQUIRED.



OVERALL POWER AND SYSTEMS PLAN VENUE

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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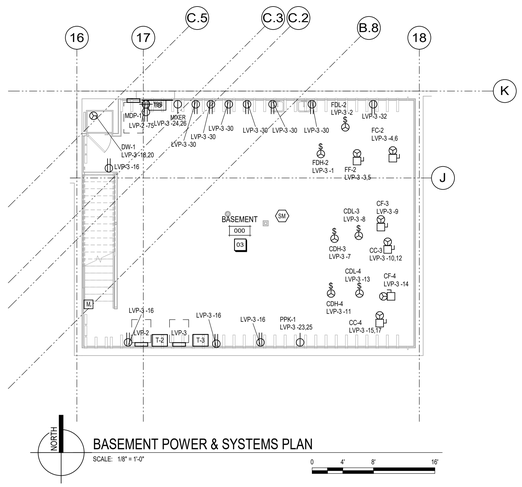
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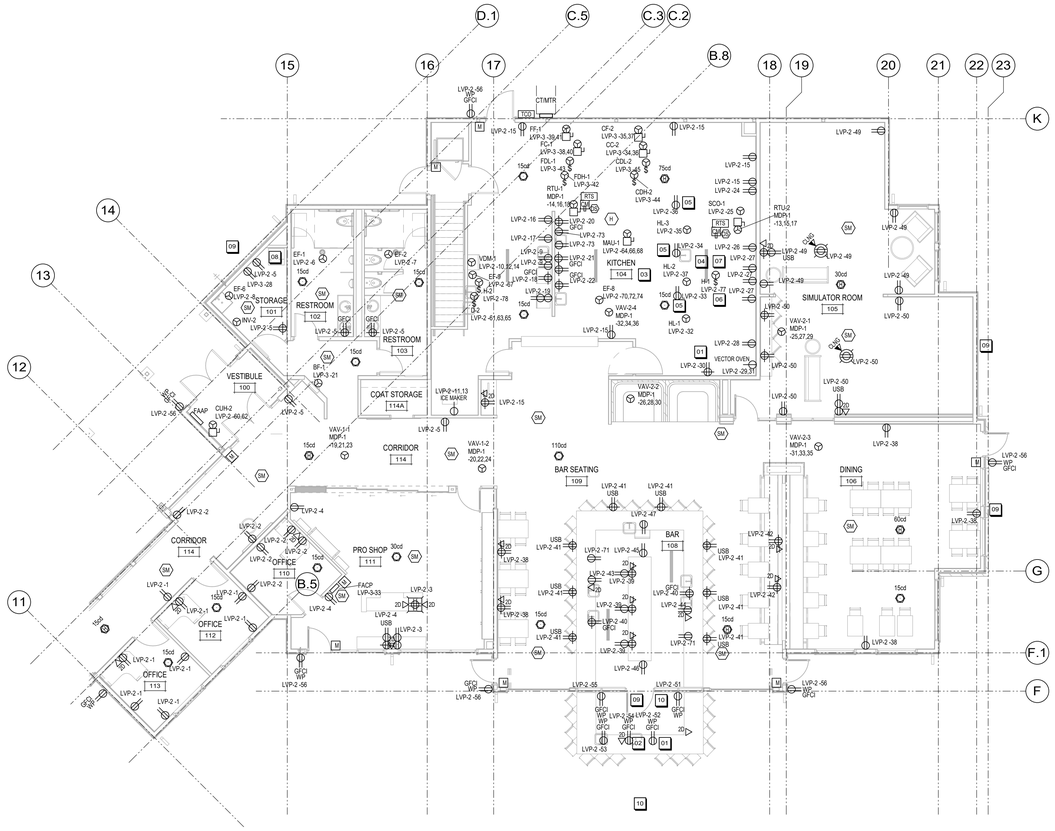
FIRST FLOOR OVERALL POWER AND SYSTEMS PLAN

E201

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9. ALL TV RECEPTACLES AND DATA MOUNTING HEIGHT TO BE FIELD VERIFIED WITH OWNER.
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KEYNOTES

- 01 HEAT TRACE COORDINATE WITH G.C.
- 02 RECEPTACLE FOR TANKLESS WATER HEATER.
- 03 DEVICES IN THIS AREA ARE TO BE PROTECTED VIA GFCI. COVER PLATE TO BE STAINLESS STEEL.
- 04 KITCHEN HOOD SUPPRESSION SYSTEMS IS TO BE INTERLOCKED AND MONITORED BY BUILDING FIRE ALARM SYSTEM.
- 05 STUB UP 18" TO BOTTOM OF RECEPTACLE. FILED VERIFY LOCATION WITH KITCHEN DESIGNER AND OWNER.
- 06 KITCHEN HOOD SUPPRESSION SYSTEMS IS TO BE INTERLOCKED AND MONITORED BY BUILDING FIRE ALARM SYSTEM.
- 07 RECEPTACLES AND EQUIPMENT POWER UNDER KITCHEN HOOD AREA ARE TO BE FED VIA SHUNT TRIP BREAKERS AND INTERLOCKED WITH HOOD CONTROLS.
- 08 PROVIDE POWER CONNECTIONS TO OWNER PROVIDED STACKED WASHER AND DRYER. COORDINATED WITH OWNER FOR POWER REQUIREMENTS.
- 09 EC TO PROVIDE CONDUIT AND POWER FOR LIGHTED SIGN. PROVIDE POWER AS REQUIRED BY THE SIGNAGE COMPANY. COORDINATE WITH OWNER EXACT MOUNTING HEIGHT AND LOCATION.
- 10 EC TO PROVIDE GFCI RECEPTACLE FOR FIRE TABLE PER DETAIL 06/C800. EC TO PROVIDE AND INSTALL REMOTE TIMER & TOGGLE SWITCH DISCONNECT(S) AT EXTERIOR BAR. EC TO PROVIDE AND INSTALL EMERGENCY FIRE PIT SHUT OFF BUTTON(S) PER KEYNOTE 02 & 04 ON SHEET C101.

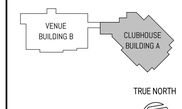
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76290

APPROVED BY
AJR

REVIEWED BY
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DRAWN BY
MJA

FIRST FLOOR AND BASEMENT POWER AND SYSTEMS PLAN CLUBHOUSE - AREA A

E201A

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KEYNOTES

01 RECEPTACLE TO BE MOUNTED ON THE BEVERAGE TABLE FURNITURE. COORDINATE FINAL LOCATION WITH OWNER.

02 HORN/STROBES TO BE MOUNTED ON THE BOTTOM OF BEAMS.

FIRST FLOOR POWER AND SYSTEMS PLAN VENUE

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

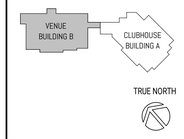
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FIRST FLOOR POWER AND SYSTEMS PLAN VENUE- AREA B

E201B

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GENERAL EQUIPMENT POWER CONNECTION SCHEDULE

TYPE	DESCRIPTION	DISCONNECT	VOLTAGE	PHASE	HORSEPOWER	MOCP	MCA	FLA	NOTES
CC-1	COOLER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	0.50 hp	15.0 A	6.8 A	5.4 A	
CC-2	COOLER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	2.00 hp	25.0 A	16.5 A	13.2 A	
CC-3	COOLER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	0.50 hp	20.0 A	6.8 A	5.4 A	
CC-4	COOLER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	0.50 hp	20.0 A	6.8 A	5.4 A	
CDH-1	COOLER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDH-2	COOLER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDH-3	COOLER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDH-4	COOLER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDL-1	COOLER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDL-2	COOLER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDL-3	COOLER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CDL-4	COOLER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CF-1	COOLER FAN	PROVIDE NON-FUSIBLE DISCONNECT	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CF-2	COOLER FAN	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	0.05 hp	20.0 A	11.3 A	9.0 A	
CF-3	COOLER FAN	PROVIDE NON-FUSIBLE DISCONNECT	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
CF-4	COOLER FAN	PROVIDE NON-FUSIBLE DISCONNECT	120 V	1	0.05 hp	15.0 A	2.0 A	1.6 A	
CHO-1	LOW TEMP COOK & HOLD OVEN	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	0.05 hp	40.0 A	7.5 A	6.0 A	
D-1	DISPOSAL	E.C. TO PROVIDE AND INSTALL FVNR COMBINATION STARTER	208 V	3	2.00 hp	20.0 A	9.4 A	7.5 A	
D-2	DISPOSAL	E.C. TO PROVIDE AND INSTALL FVNR COMBINATION STARTER	208 V	3	2.00 hp	20.0 A	9.4 A	7.5 A	
DW-1	DUMB WAITER	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	208 V	1	0.75 hp	20.0 A	9.5 A	7.6 A	
FC-1	FREEZER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	2.00 hp	20.0 A	14.8 A	11.8 A	
FC-2	FREEZER CONDENSER	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	2.00 hp	20.0 A	16.5 A	13.2 A	
FDH-1	FREEZER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
FDH-2	FREEZER DOOR HEATER	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
FDL-1	FREEZER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
FDL-2	FREEZER DOOR LIGHT	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
FF-1	FREEZER FAN	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	2.00 hp	20.0 A	16.5 A	13.2 A	
FF-2	FREEZER FAN	PROVIDE NON-FUSIBLE DISCONNECT	208 V	1	2.00 hp	20.0 A	16.5 A	13.2 A	
HL-1	GLO-RAY STRIP HEATERS	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.00 hp	30.0 A	29.1 A	23.3 A	
HL-2	GLO-RAY STRIP HEATERS	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.00 hp	30.0 A	29.1 A	23.3 A	
HL-3	GLO-RAY STRIP HEATERS	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.00 hp	30.0 A	29.1 A	23.3 A	
SCO-1	STACKED COMBI OVEN	FACTORY PROVIDED DISCONNECT	120 V	1	0.00 hp	20.0 A	8.5 A	6.8 A	
VDM-1	VENTLESS DISH MACHINE	FACTORY PROVIDED DISCONNECT	208 V	3	1.00 hp	50.0 A	50.0 A	40.0 A	
VDM-2	VENTLESS DISH MACHINE	FACTORY PROVIDED DISCONNECT	208 V	3	1.00 hp	50.0 A	50.0 A	40.0 A	

PLUMBING POWER CONNECTION SCHEDULE

TYPE	DESCRIPTION	DISCONNECT	VOLTAGE	PHASE	HORSEPOWER	MOCP	MCA	FLA	NOTES
BF-1	BOTTLER FILLER STATION	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
BF-2	BOTTLE FILLER STATION	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
WPCP-1	WATER PRESSURE CONTROL PANEL	PROVIDE TOGGLE SWITCH DISCONNECT AT UNIT.	120 V	1	0.00 hp	20.0 A	0.6 A	0.5 A	

DATA DEVICE SCHEDULE

CALLOUT	SYMBOL	NOTE 1	NOTE 2	NOTE 3
2 DATA OUTLET	2D	ROUTE TWO BLUE CAT 6 CABLE TO DATA PATCH PANEL SERVING THE AREA	ROUGH-IN AND MOUNT JACK IN SINGLE GANG DEVICE PLATE AT 16" AFF TO BOTTOM UNLESS OTHERWISE NOTED	
RAISED 2 DATA OUTLET	2D	ROUTE TWO BLUE CAT 6 CABLE TO DATA PATCH PANEL SERVING THE AREA	MOUNT JACK IN SINGLE GANG DEVICE PLATE AT 44" AFF TO BOTTOM UNLESS OTHERWISE NOTED	
TELE-DATA RACK	TD	PROVIDE TELE/DATA RACK & PATCH PANELS PER SPECIFICATION SECTION 27 10 00.		
TELEPHONE BACKBOARD	TBB	3/4"X 4'X4' PLYWOOD BACKBOARD. PAINTED WITH FIREPROOF PAINT		
TELEPHONE DEMARK	TCO	PROVIDE (1) 4" RACEWAY FOR TELEPHONE SERVICE AND (1) 2" RACEWAY FOR CABLE SERVICE TO UTILITY SETBACK.	PROVIDE (1) 2" RACEWAY TO TELEPHONE BACKBOARD.	COORDINATE WITH OTHER TRADES.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR	CATALOG NO.	MOUNTING	VOLT	WATT	LAMP	NOTE
A	2X4 LED FIXTURE	METALUX	24FP4750C OR EQUAL	RECESSED	120 V	41 W	LED 4433lm 5000K	
A/EM	2X4 LED FIXTURE WITH BATTERY BACKUP	METALUX	24FP4750C EL14W OR EQUAL	RECESSED	120 V	41 W	LED 4433lm 5000K	
B	2X4 LED FIXTURE	METALUX	24FP6640 OR EQUAL	RECESSED	120 V	62 W	LED 6506lm 4000K	
B/EM	2X4 LED FIXTURE WITH BATTERY BACKUP	METALUX	24FP6440C EL14W OR EQUAL	RECESSED	120 V	62 W	LED 3100lm 81+CRI 3500K 30,000 HR	
BC/EM	LED WALL BRACKET WITH BATTERY BACKUP	METALUX	2BCLED-LD4-40SL-F-UNV-L840-SD1-U EL14W OR EQUAL	WALL MOUNT AT 8'-0" AFF.	120 V	42 W	LED 4,000lm 4000K	
C	6" LED RECESSED DOWNLIGHT	HALO	HC615D010-HM612840-61WDC OR EQUAL	RECESSED	120 V	15 W	LED 1530lm 4000K	
C1	4" LED RECESSED DOWNLIGHT	HALO	HLB4-06-9FS-1E MW HLB4RTRMTBZ OR EQUAL	RECESSED	120 V	10 W	LED 600lm 4000K	
C1/EM	4" LED RECESSED DOWNLIGHT WITH BATTERY BACKUP	HALO	HLB4-06-9FS-1E MW HLB4RTRMTBZ OR EQUAL	RECESSED	120 V	10 W	LED 600lm 4000K	
C2	2" LED RECESSED DOWNLIGHT	HALO	LCR208R09FSE020 LCR2BB OR EQUAL	RECESSED	120 V	10 W	LED 800lm 4000K	
C/EM	6" LED RECESSED DOWNLIGHT WITH BATTERY BACKUP	HALO	HC610D010-HM605258840-61WDC REM14	RECESSED	120 V	15 W	LED 1000lm 4000K	
D	6" CYLINDER LED DOWNLIGHT	HALO	HCCS610D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	10 W	LED 1,000lm 4000K	
D1	6" CYLINDER LED DOWNLIGHT	HALO	HCCS620D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	20 W	LED 2,000lm 4000K	
D1/EM	6" CYLINDER LED DOWNLIGHT	HALO	HCCS620D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	20 W	LED 2,000lm 4000K	
D2	6" CYLINDER LED DOWNLIGHT	HALO	HCCS630D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	29 W	LED 3,000lm 4000K	
D2/EM	6" CYLINDER LED DOWNLIGHT	HALO	HCCS630D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	29 W	LED 3,000lm 4000K	
D/EM	6" CYLINDER LED DOWNLIGHT	HALO	HCCS610D010MB-HCAC48MB OR EQUAL	AS CALLED OUT ON PLANS	120 V	10 W	LED 1,000lm 4000K	
E1	EDGE LIT CEILING EXIT LIGHT	LITHONIA	EDG W 2 R EL OR EQUAL	UNIVERSAL	120 V	5 W	LED 50000 HR	
EX	EDGE LIT EXIT LIGHT	LITHONIA	EDG W 1 R EL OR EQUAL	SURFACE MOUNT	120 V	5 W	LED 50000 HR	
G	WALL MOUNTED LINEAR FIXTURE	KUZCO	WS10336-BK OR EQUAL	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	26 W	LED 2000lm 3000K	
G1	WALL MOUNTED 17" LINEAR FIXTURE	WAC LIGHTING	PL-LED-17-3000K OR EQUAL	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	14 W	LED 570lm 3000K	
H/EM	2X2 LED FLAT PANEL WITH BATTERY BACKUP	METALUX	22FPSL2SCT3 EL10W OR EQUAL	RECESSED	120 V	31 W	LED 3,300lm 4000K	
J/EM	WALL MOUNT LED	LUMARK	XTOR1B OR EQUAL	WALL MOUNT AT 8'-0" TO BOTTOM AFF AT EXTERIOR DOOR	120 V	12 W	LED 1418LM 4000K	
MR-1	FULL FRAME 24"X36" MIRROR INDIRECT LED	LIGHTOLOGY	L02024365501 OR EQUAL	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	60 W	LED 4,000lm 4000K	
P1	DECORATIVE PENDANT	SHADES OF LIGHT	PE19079S PK	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	60 W	PROVIDE LED E26 DIMMABLE LAMP, 4000K	
P2	DECORATIVE PENDANT	-	FIXTURE TYPE TO BE FINALIZED BY THE OWNER	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	5 W	---	
P3	DECORATIVE PENDANT	SHADES OF LIGHT	PE21020 GM	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	100 W	PROVIDE LED E26 DIMMABLE LAMP, 4000K	
P4	DECORATIVE PENDANT	-	FIXTURE TYPE TO BE FINALIZED BY THE OWNER	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	10 W	---	
P5	DECORATIVE PENDANT	SHADES OF LIGHT	PE20051 MU	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	40 W	PROVIDE LED E26 DIMMABLE LAMP, 4000K	
P6	DECORATIVE PENDANT	SHADES OF LIGHT	PE22099 AB	COORDINATE MOUNTING HEIGHT WITH OWNER	120 V	100 W	PROVIDE LED E26 DIMMABLE LAMP, 4000K	
W	4" LED RECESSED WALLWASH DOWNLIGHT	HALO	HC405D010-HM405258840-41RWW OR EQUAL	RECESSED	120 V	5 W	LED 500lm 4000K	

RECEPTACLE SCHEDULE

CALLOUT	SYMBOL	VOLTAGE	NOTE 1	NOTE 2	NOTE 3
CEILING DUPLEX		120 V	FLUSH MOUNT IN CEILING BOX SUPPORTED TO STRUCTURE		
DOUBLE DUPLEX		120 V	MOUNT @ 16" TO BOTTOM UNLESS NOTED OTHERWISE	TWO DUPLEX RECEPTACLES MOUNTED UNDER THE SAME FACE PLATE	
DUPLEX		120 V	MOUNT AT 18" TO CENTER UNLESS NOTED OTHERWISE		
FLOOR BOX DOUBLE DUPLEX		120 V	PROVIDE TWO DUPLEX RECEPTACLES AND ANY LOW VOLTAGE DEVICES SHOWN IN SINGLE FLUSH FLOORBOX.	INCLUDE ALL ACCESSORIES AND FLUSH MOUNTED COVER.	FLOORBOX TO BE EQUAL TO LEGRAND RFB4.
FLOOR BOX DUPLEX		120 V	PROVIDE DUPLEX RECEPTACLE AND ANY LOW VOLTAGE DEVICES SHOWN IN SINGLE FLOORBOX	INCLUDE ALL REQUIRED COMPONENTS AND COVER DESCRIBED IN SPECIFICATIONS	
ICE MAKER		208 V	MOUNT @44" TO BOTTOM UNLESS OTHERWISE NOTED.	NEMA 6-20	
LOW FOOD HOT TEMP CAB RECEPTACLE		208 V	MOUNT @44" TO BOTTOM UNLESS OTHERWISE NOTED.	NEMA 6-15	
MIXER		208 V	MOUNT @ 44" TO BOTTOM UNLESS OTHERWISE NOTED.	NEMA 6-20	
POWER PAK SYSTEM		208 V	MOUNT @44" TO BOTTOM UNLESS OTHERWISE NOTED.	NEMA 6-20	
RAISED DOUBLE DUPLEX		120 V	MOUNT @ 44" TO BOTTOM UNLESS NOTED OTHERWISE	TWO DUPLEX RECEPTACLES MOUNTED UNDER THE SAME FACE PLATE	
RAISED DUPLEX		120 V	MOUNT @ 44" TO BOTTOM UNLESS OTHERWISE NOTED		
RAISED GFCI DUPLEX	GFCI	120 V	MOUNT @ 44" TO BOTTOM UNLESS OTHERWISE NOTED		
RAISED USB DOUBLE DUPLEX	USB	120 V	MOUNT @ 44" TO BOTTOM UNLESS NOTED OTHERWISE	TWO DUPLEX RECEPTACLES MOUNTED UNDER THE SAME FACE PLATE	
RAISED USB DUPLEX	USB	120 V	MOUNT @ 44" TO BOTTOM UNLESS OTHERWISE NOTED		
RAISED WEATHERPROOF GFCI DUPLEX	WP GFCI	120 V	MOUNT @ 44" TO BOTTOM UNLESS OTHERWISE NOTED		
USB DOUBLE DUPLEX	USB	120 V	MOUNT @ 16" TO BOTTOM UNLESS NOTED OTHERWISE	TWO DUPLEX RECEPTACLES MOUNTED UNDER THE SAME FACE PLATE	
VECTOR OVEN		208 V	MOUNT @44" TO BOTTOM UNLESS OTHERWISE NOTED.	NEMA 6-50	
WEATHERPROOF GFCI DUPLEX	WP GFCI	120 V	MOUNT AT 18" TO CENTER UNLESS NOTED OTHERWISE	PROVIDE WITH IN-USE WEATHERPROOF COVER	

SWITCH SCHEDULE

CALLOUT	SYMBOL	NOTE 1	NOTE 2	NOTE 3
1 POLE DIMMER SWITCH	DM	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE		
1 POLE SWITCH	1	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE		
3 WAY SWITCH	3	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE		
4 WAY SWITCH	4	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE		
CEILING OCCUPANCY SENSOR - TYPE 2	2	DUAL TECHNOLOGY LOW VOLTAGE 360 DEGREE CEILING SENSOR	PROVIDE REQUIRED POWER PACKS/RELAYS REQUIRED TO ACHIEVE INDICATED CONTROL	ACCEPTABLE MODELS: WATTSTOPPER DT300; SENSORSWITCH CM PDT 9; AND GREENGATE OAC-DT-2000-R
WALL OCCUPANCY SENSOR - TYPE 1	1	PIR SINGLE RELAY LINE VOLTAGE WALL SENSOR	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE	ACCEPTABLE MODELS: WATTSTOPPER PW-100; SENSORSWITCH WSX SA; HUBBELL LH-IRS1N
WALL OCCUPANCY SENSOR - TYPE 3	3	PIR DUAL RELAY LINE VOLTAGE WALL SENSOR	MOUNT AT 44" TO BOTTOM UNLESS NOTED OTHERWISE	ACCEPTABLE MODELS: WATTSTOPPER PW-200; SENSORSWITCH WSX 2P; HUBBELL LHDC1RD2N

MECHANICAL POWER CONNECTION SCHEDULE

TYPE	DESCRIPTION	DISCONNECT	VOLTAGE	PHASE	HORSEPOWER	MOCP	MCA	FLA	NOTES
ACCU-1	AIR COOLED CONDESING UNIT	PROVIDE FUSIBLE DISCONNECT AT UNIT	208 V	3	0.00 hp	40.0 A	24.3 A	19.4 A	
ASHP-1	AIR-SOURCE HEAT PUMP	PROVIDE FUSIBLE DISCONNECT AT UNIT	208 V	1	0.00 hp	30.0 A	24.3 A	19.4 A	
CUH-1	CABINET UNIT HEATER	PROVIDE NON-FUSIBLE DISCONNECT AT UNIT	208 V	1	0.13 hp	30.0 A	24.0 A	19.2 A	
CUH-2	CABINET UNIT HEATER	PROVIDE NON-FUSIBLE DISCONNECT AT UNIT	208 V	1	0.13 hp	30.0 A	24.0 A	19.2 A	
EF-1	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-2	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-3	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-4	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-5	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-6	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-7	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	1
EF-8	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	208 V	3	3.00 hp	20.0 A	13.3 A	10.6 A	
EF-9	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.25 hp	20.0 A	7.3 A	5.8 A	1
EF-10	EXHAUST FAN	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.25 hp	20.0 A	7.3 A	5.8 A	1
F-1	FURNACE	PROVIDE MOTOR RATED TOGGLE SWITCH AT UNIT	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
H-1	KITCHEN HOOD	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.25 hp	20.0 A	7.3 A	5.8 A	1
H-2	KITCHEN HOOD	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	120 V	1	0.25 hp	20.0 A	7.3 A	5.8 A	1
H-3	KITCHEN HOOD	COORDINATE WITH MECH	120 V	1	0.05 hp	20.0 A	2.0 A	1.6 A	
MAU-1	MAKE UP AIR UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	208 V	3	3.00 hp	20.0 A	13.3 A	10.6 A	
MS-1	MINI SPLIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	208 V	1	0.00 hp	30.0 A	0.0 A	0.0 A	
RTU-1	ROOFTOP UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	40.0 A	32.5 A	26.0 A	
RTU-2	ROOFTOP UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	90.0 A	97.5 A	78.0 A	
RTU-3	ROOFTOP UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	110.0 A	122.5 A	98.0 A	
VAV-1-1	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	20.0 A	18.8 A	15.0 A	
VAV-1-2	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	1	0.00 hp	20.0 A	15.6 A	12.5 A	
VAV-2-1	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	20.0 A	13.8 A	11.0 A	
VAV-2-2	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	35.0 A	34.5 A	27.6 A	
VAV-2-3	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	20.0 A	15.6 A	12.5 A	
VAV-2-4	VAV TERMINAL UNIT	PROVIDE CONNECTION TO FACTORY PROVIDED DISCONNECT.	480 V	3	0.00 hp	20.0 A	15.6 A	12.5 A	

1. EXHAUST FAN TO BE INTERLOCKED WITH OCCUPANCY SENSOR.

GENERAL EQUIPMENT POWER CONNECTION SCHEDULE

TYPE	DESCRIPTION	DISCONNECT	VOLTAGE	PHASE	HORSEPOWER	MOCP	MCA	FLA	NOTES
INV-1	INVERTER TO BE EQUAL TO IOTA ENGINEERING IIS-375-LED	PROVIDE CONNECTION TO UNIT.	120 V	1	0.00 hp	20.0 A	3.8 A	3.0 A	
INV-2	INVERTER TO BE EQUAL TO IOTA ENGINEERING IIS-375-LED	PROVIDE CONNECTION TO UNIT.	120 V	1	0.00 hp	15.0 A	0.0 A	0.0 A	

FIRE ALARM DEVICE SCHEDULE

CALLOUT	SYMBOL	MOUNTING HEIGHT	NOTE 1	NOTE 2	NOTE 3
CEILING HORN STROBE		MOUNT FLUSH TO CEILING. SUPPORT FROM STRUCTURE.	NUMBER SHOWN INDICATES CANDELA RATING.	CABLING PER MANUFACTURER'S REQUIREMENTS.	
CEILING STROBE		MOUNT FLUSH TO CEILING. SUPPORT FROM STRUCTURE.	NUMBER SHOWN INDICATES CANDELA RATING.	CABLING PER MANUFACTURER'S REQUIREMENTS.	
COMMAND MODULE	CM	RTU	CABLING PER MANUFACTURER'S REQUIREMENTS.		
DUCT SMOKE DETECTOR	DD	MAIN RETURN DUCT	CABLING PER MANUFACTURER'S REQUIREMENTS.		
FIRE ALARM ANNUNCIATOR PANEL	FAAP	MOUNT 44" TO BOTTOM AFF UNLESS NOTED OTHERWISE	CABLING PER MANUFACTURER'S REQUIREMENTS		
FIRE ALARM CONTROL PANEL	FACP	MOUNT AT 60" AFF TO BOTTOM UNLESS NOTED OTHERWISE	INTERLOCKED WITH BUILDING MANAGEMENT SYSTEM		
HEAT DETECTOR	H	CEILING	CABLING PER MANUFACTURER'S REQUIREMENTS		
MANUAL PULL STATION	M	MOUNT 44" TO BOTTOM AFF UNLESS NOTED OTHERWISE	CABLING PER MANUFACTURER'S REQUIREMENT		
REMOTE TEST SWITCH	RTS	ACCESSIBLE LOCATION	CABLING PER MANUFACTURER'S REQUIREMENTS.		
SMOKE DETECTOR	SD	SURFACE	CABLING PER MANUFACTURER'S REQUIREMENTS.		

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PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

PRAIRIE PINES GOLF CLUB

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PROJECT NUMBER
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APPROVED BY
AJR

REVIEWED BY
CTK

DRAWN BY
MJA

SCHEDULES

E301

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Sheet Size: 30" x 42" (Arch E1)

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

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SUN PRAIRIE, WI 53590

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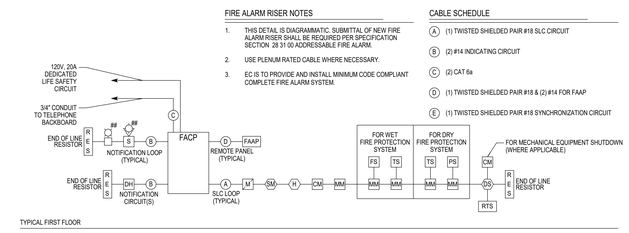
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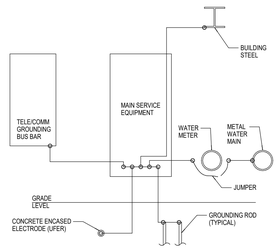
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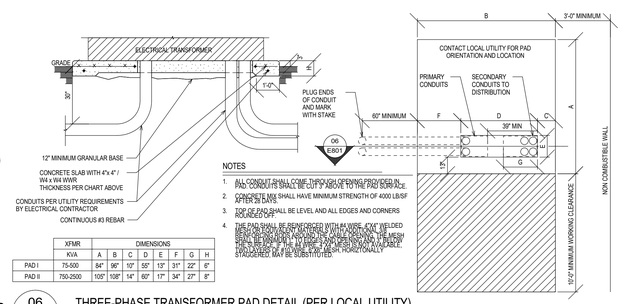
E801



07 / E801 TYPICAL ADDRESSABLE FIRE ALARM RISER DIAGRAM
SCALE: NOT TO SCALE



11 / E801 TYPICAL SERVICE ENTRANCE GROUNDING
SCALE: NOT TO SCALE



XFMR	DIMENSIONS							
KVA	A	B	C	D	E	F	G	H
PAD I 75-500	84"	96"	10"	55"	13"	31"	22"	6"
PAD II 750-2500	105"	108"	14"	60"	17"	34"	27"	8"

06 / E801 THREE-PHASE TRANSFORMER PAD DETAIL (PER LOCAL UTILITY)
SCALE: NONE

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Sheet Size: 30" x 42" (Arch E1)

PANELBOARD: LVP-1

LOCATION: STORAGE 118 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 200.0 A MAIN CB **SPECIAL:**
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
F-1	20 A	1	1	0.2	0.2					2	1	20 A	EF-7
RCPT STORAGE 118	20 A	1	3			0.2	0.2			4	1	20 A	RCPT STORAGE 118
RCPT STORAGE 118	20 A	1	5					0.2	0.2	6	1	20 A	RCPT BAR 119
RCPT BAR 119	20 A	1	7	0.2	0.2					8	1	20 A	RCPT BAR 119
RCPT BAR 119	20 A	1	9			0.2	0.2			10	1	20 A	RCPT BAR 119
RCPT BAR 119	20 A	1	11					0.2	0.2	12	1	20 A	RCPT BAR 119
RCPT LOBBY 121	20 A	1	13	1.3	0.2					14	1	20 A	EF-5
RCPT BRIDAL SUITE 126	20 A	1	15			0.2	0.2			16	1	20 A	RCPT BRIDAL SUITE 126
RCPT BRIDAL SUITE 126	20 A	1	17					0.2	1.4	18	1	20 A	RCPT BRIDAL SUITE 126
RCPT WARMING KITCHE...	20 A	1	19	0.2	0.2					20	1	20 A	RCPT WARMING KITCHE...
RCPT WARMING KITCHE...	20 A	1	21			0.2	0.2			22	1	20 A	RCPT WARMING KITCHE...
RCPT WARMING KITCHE...	20 A	1	23					0.2	0.6	24	2	20 A	CHO-1
LTHF CAB	20 A	2	25	0.7	0.6					26			
			27			0.7	0.7			28	1	20 A	EF-10
RCPT WARMING KITCHE...	20 A	1	29					0.2	0.4	30	1	20 A	RCPT WARMING KITCHE...
			31	4.8	0.9					32	1	20 A	RCPT CORRIDOR 128
VDM-2	50 A	3	33			4.8	0.7			34	1	20 A	RCPT SEATING 121
			35					4.8	0.4	36	1	20 A	RCPT VENUE 117
RCPT VENUE 117	20 A	1	37	1.3	1.3					38	1	20 A	RCPT
RCPT WARMING KITCHE...	20 A	1	39			0.4	0.2			40	1	20 A	EF-3
EF-4	20 A	1	41					0.2	0.9	42	1	20 A	LITES STORAGE 118
LITES VENUE 117	20 A	1	43	1.2	0.4					44	1	20 A	LITES BAR 119
LITES	20 A	1	45			0.3	0.9			46			
CF-1	20 A	1	47					0.2	0.9	48	3	20 A	D-1
CDL-1	20 A	1	49	0.2	0.9					50			
CUH-1 VESTIBULE 120	35 A	2	51			2.2	0.6			52	2	20 A	CC-1
			53					2.2	0.6	54			
LITES	20 A	1	55	0.1	0.2					56	1	20 A	CDH-1
RCPT STORAGE 118	20 A	1	57			0.2	0.1			58	1	20 A	WPCP-1
			59					2.3	0.2	60	1	20 A	RCPT STORAGE 118
ACCU-1	40 A	3	61	2.3	0.2					62	1	20 A	CP-1 RCPT STORAGE 118
			63			2.3	0.0			64	1	20 A	SPARE
SPARE	20 A	1	65					0.0	0.0	66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0					68	1	20 A	SPARE
SPARE	20 A	1	69			0.0	0.0			70	1	20 A	SPARE
NAC PANEL	20 A	1	71					0.0	2.0	72	2	30 A	ASHP-1 & MS-1
INV-1	20 A	1	73	0.0	2.0					74			
H-3	20 A	1	75			0.2				76			
			77							78			
			79							80			
			81							82			
			83							84			
	TOTAL LOAD:			20 kVA		16 kVA		18 kVA					
	TOTAL AMPS:			167 A		130.5 A		156 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	29055 VA	67.21%	19527 VA		
LITES	3089 VA	125.00%	3862 VA	**CONNECTED LOAD:**	53687 VA
MTR	4742 VA	114.25%	5417 VA	**ESTIMATED DEMAND:**	45606 VA
HEAT	4636 VA	100.00%	4636 VA	**CONNECTED CURRENT:**	149.0 A
AC	12170 VA	100.00%	12170 VA	**EST. DEMAND CURRENT:**	126.6 A

NOTES:

PANELBOARD: LVP-2

LOCATION: BASEMENT 000 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 200.0 A MAIN CB **SPECIAL:**
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
RCPT OFFICE 113	20 A	1	1	1.4	1.1					2	1	20 A	RCPT OFFICE 110
RCPT PRO SHOP 111	20 A	1	3			0.5	0.5			4	1	20 A	RCPT PRO SHOP 111
RCPT STORAGE 101	20 A	1	5					1.1	0.2	6	1	20 A	EF-1
EF-2	20 A	1	7	0.2	0.2					8	1	20 A	EF-6
RCPT KITCHEN 104	20 A	1	9			0.4	4.8			10			
			11					0.1	4.8	12	3	50 A	VDM-1 KITCHEN 104
RCPT KITCHEN 104	20 A	2	13	0.1	4.8					14			
RCPT KITCHEN 104	20 A	1	15			1.1	0.2			16	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	20 A	1	17					0.2	0.2	18	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	20 A	1	19	0.4	0.2					20	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	20 A	1	21			0.2	0.2			22	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	20 A	1	23					0.2	0.2	24	1	20 A	RCPT KITCHEN 104
SCO-1	20 A	1	25	0.8	0.2					26	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	20 A	1	27			0.5	0.2			28	1	20 A	RCPT KITCHEN 104
RCPT KITCHEN 104	50 A	2	29					0.0	0.2	30	1	20 A	RCPT KITCHEN 104
			31	0.0	2.8					32	1	30 A	HL-1
RCPT KITCHEN 104	20 A	1	33			0.2	0.2			34	1	20 A	RCPT KITCHEN 104
HL-3	20 A	1	35					2.8	0.2	36	1	20 A	RCPT KITCHEN 104
HL-2	20 A	1	37	2.8	0.9					38	1	20 A	RCPT BAR SEATING 109
RCPT BAR 108	20 A	1	39			0.5	0.4			40	1	20 A	RCPT BAR 108
RCPT BAR SEATING 109	20 A	1	41					1.4	0.4	42	1	20 A	RCPT
RCPT BAR 108	20 A	1	43	0.2	0.2					44	1	20 A	RCPT BAR 108
RCPT BAR 108	20 A	1	45			0.2	0.2			46	1	20 A	RCPT BAR 108
RCPT BAR 108	20 A	1	47					0.2	1.2	48	1	20 A	LITES
RCPT SIMULATOR ROOM...	20 A	1	49	1.1	1.3					50	1	20 A	RCPT SIMULATOR ROOM...
RCPT	20 A	1	51			0.2	0.2			52	1	20 A	RCPT
RCPT	20 A	1	53					0.2	0.2	54	1	20 A	RCPT
RCPT	20 A	1	55	0.2	1.1					56	1	20 A	RCPT
LITES	20 A	1	57			1.3	1.0			58	1	20 A	LITES
LITES SIMULATOR ROOM...	20 A	1	59					0.2	2.2	60	2	20 A	CUH-2
D-2	20 A	3	61	0.9	2.2					62			
			63			0.9	1.3			64			
			65					0.9	1.3	66	3	20 A	MAU-1
EF-9	20 A	1	67	0.7	1.3					68			
LITES PRO SHOP 111	20 A	1	69			0.3	1.3			70			
RCPT BAR 108	20 A	1	71					0.4	1.3	72	3	20 A	EF-8
RCPT KITCHEN 104	20 A	1	73	0.4	1.3					74			
RCPT BASEMENT 000	20 A	1	75			0.2	0.0			76	1	20 A	INV-2
H-1	20 A	1	77					0.7	0.7	78	1	20 A	H-2
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			27 kVA		17 kVA		21 kVA					
	TOTAL AMPS:			227 A		140.4 A		183 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	43145 VA	61.59%	26572 VA		
LITES	4100 VA	125.00%	5125 VA	**CONNECTED LOAD:**	64691 VA
MTR	13004 VA	107.34%	13958 VA	**ESTIMATED DEMAND:**	50098 VA
HEAT	4444 VA	100.00%	4444 VA	**CONNECTED CURRENT:**	179.6 A
				EST. DEMAND CURRENT:	139.1 A

NOTES:

PANELBOARD: LVP-3

LOCATION: BASEMENT 000 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 200.0 A MAIN CB **SPECIAL:**
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
FDH-2 BASEMENT	20 A	1	1	0.2	0.2					2	1	20 A	FDL-2 BASEMENT
FF-2 BASEMENT	20 A	2	3			1.4	1.4			4	2	20 A	FC-2 BASEMENT
			5					1.4	1.4	6			
CDH-3 BASEMENT	20 A	1	7	0.2	0.2					8	1	20 A	CDL-3 BASEMENT
CF-3 BASEMENT	20 A	1	9			0.2	0.6			10	2	20 A	CC-3 BASEMENT
CDH-4 BASEMENT	20 A	1	11					0.2	0.6	12			
CDL-4 BASEMENT	20 A	1	13	0.2	0.2					14	1	20 A	CF-4 BASEMENT
CC-4 BASEMENT	20 A	2	15			0.6	0.7			16	1	20 A	RCPT BASEMENT
			17					0.6	0.8	18	2	20 A	DW-1 BASEMENT
LITES BASEMENT	20 A	1	19	0.7	0.8					20			
BF-1 CORRIDOR 114	20 A	1	21			0.2	0.2			22	1	20 A	BF-2 CORRIDOR 128
RCPT BASEMENT	20 A	2	23					0.0	0.0	24	2	20 A	RCPT BASEMENT
			25	0.0	0.0					26			
D-1	20 A	3	27			0.0	0.2			28	1	20 A	CP-2 STORAGE 101
			29					0.0	1.1	30	1	20 A	RCPT BASEMENT 000
			31	0.0	0.2					32	1	20 A	RCPT BASEMENT 000
FACP	20 A	1	33			0.0	1.4			34	2	20 A	CC-2
CF-2	20 A	2	35					0.9	1.4	36			
			37	0.9	1.2					38	2	20 A	FC-1
FF-1	20 A	2	39			1.4	1.2			40			
			41					1.4	0.2	42	1	20 A	FDH-1
FDL-1	20 A	1	43	0.2	0.2					44	1	20 A	CDH-2
CDL-2	20 A	1	45			0.2	0.0			46	1	20 A	SPARE
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
			49							50			
			51							52			
			53							54			
	TOTAL LOAD:			5 kVA		10 kVA		10 kVA					
	TOTAL AMPS:			45 A		84.5 A		88 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	0 VA	0.00%	0 VA		
RCPT	2340 VA	100.00%	2340 VA	**CONNECTED LOAD:**	24833 VA
LITES	1629 VA	125.00%	2036 VA	**ESTIMATED DEMAND:**	25926 VA
FIRE ALARM	0 VA	0.00%	0 VA	**CONNECTED CURRENT:**	68.9 A
MTR	9712 VA	107.07%	10398 VA	**EST. DEMAND CURRENT:**	72.0 A
HEAT	960 VA	100.00%	960 VA		
AC	10192 VA	100.00%	10192 VA		

NOTES:

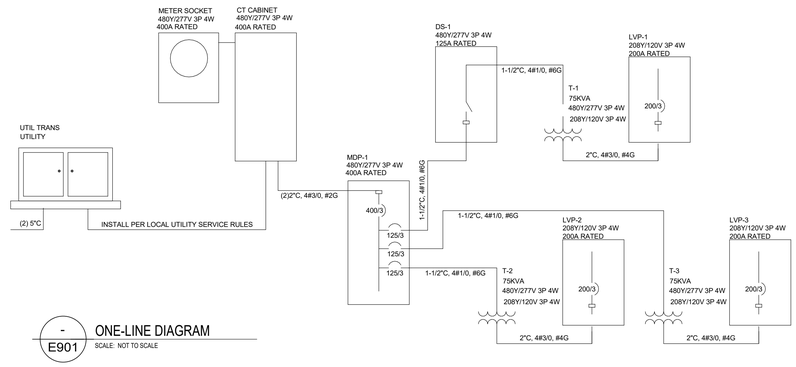
PANELBOARD: MDP-1

LOCATION: BASEMENT 000 **VOLTAGE:** 480Y/277 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 42,000 AMPS SYMMETRICAL
MAIN DEVICE: 400.0 A MAIN CB **SPECIAL:**
BUS AMPS: 400 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
			1	27.2	19.7					2			
RTU-3 VENUE 117	125 A	3	3			27.2	15.7			4	3	125 A	DS-1
			5					27.2	18.4	6			
			7	26.6	5.4					8			
T-2	125 A	3	9			16.8	9.5			10	3	125 A	T-3
			11					21.3	9.9	12			
			13	21.6	7.2					14			
RTU-2 KITCHEN 104	100 A	3	15			21.6	7.2			16	3	40 A	RTU-1 KITCHEN 104
			17					21.6	7.2	18			
			19	4.2	2.0					20			
VAV-1-1 CORRIDOR 114	20 A	3	21			4.2	2.0			22	3	20 A	VAV-1-2 CORRIDOR 114
			23					4.2	2.0	24			
			25	3.0	7.6					26			
VAV-2-1 DINING 106	20 A	3	27			3.0	7.6			28	3	35 A	VAV-2-2 BAR SEATING 109
			29					3.0	7.6	30			
			31	3.5	3.5					32			
VAV-2-3 DINING 106	20 A	3	33			3.5	3.5			34	3	20 A	VAV-2-4 KITCHEN 104
			35					3.5	3.5	36			
			37		0.0					38	1	20 A	SPARE
			39				0.0			40	1	20 A	SPARE
			41						0.0	42	1	20 A	SPARE
	TOTAL LOAD:			131 kVA		122 kVA		129 kVA					
	TOTAL AMPS:			479 A		439.6 A		471 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	0 VA	0.00%	0 VA		
RCPT	74539 VA	56.71%	42270 VA	**CONNECTED LOAD:**	382496 VA
LITES	8815 VA	125.00%	11019 VA	**ESTIMATED DEMAND:**	353383 VA
FIRE ALARM	0 VA	0.00%	0 VA	**CONNECTED CURRENT:**	460.1 A
MTR	27458 VA	103.48%	28412 VA	**EST. DEMAND CURRENT:**	425.1 A
HEAT	249327 VA	100.00%	249327 VA		
AC	22362 VA	100.00%	22362 VA		

NOTES:



- E901 ONE-LINE DIAGRAM
SCALE: NOT TO SCALE

ANGUS-YOUNG
ARCHITECTS/ENGINEERS
Janesville | Madison

PAC ACQUISITIONS LLC

PRAIRIE PINES GOLF CLUB

3039 HAPPY VALLEY ROAD
SUN PRAIRIE, WI 53590

PRAIRIE PINES GOLF CLUB

ISSUANCES / REVISIONS

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1	PLAN REVIEW / BID PACKAGE 1 / FOR CONSTRUCTION	02/21/2024

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PROJECT NUMBER
76290

APPROVED BY
AJR

REVIEWED BY
CTK

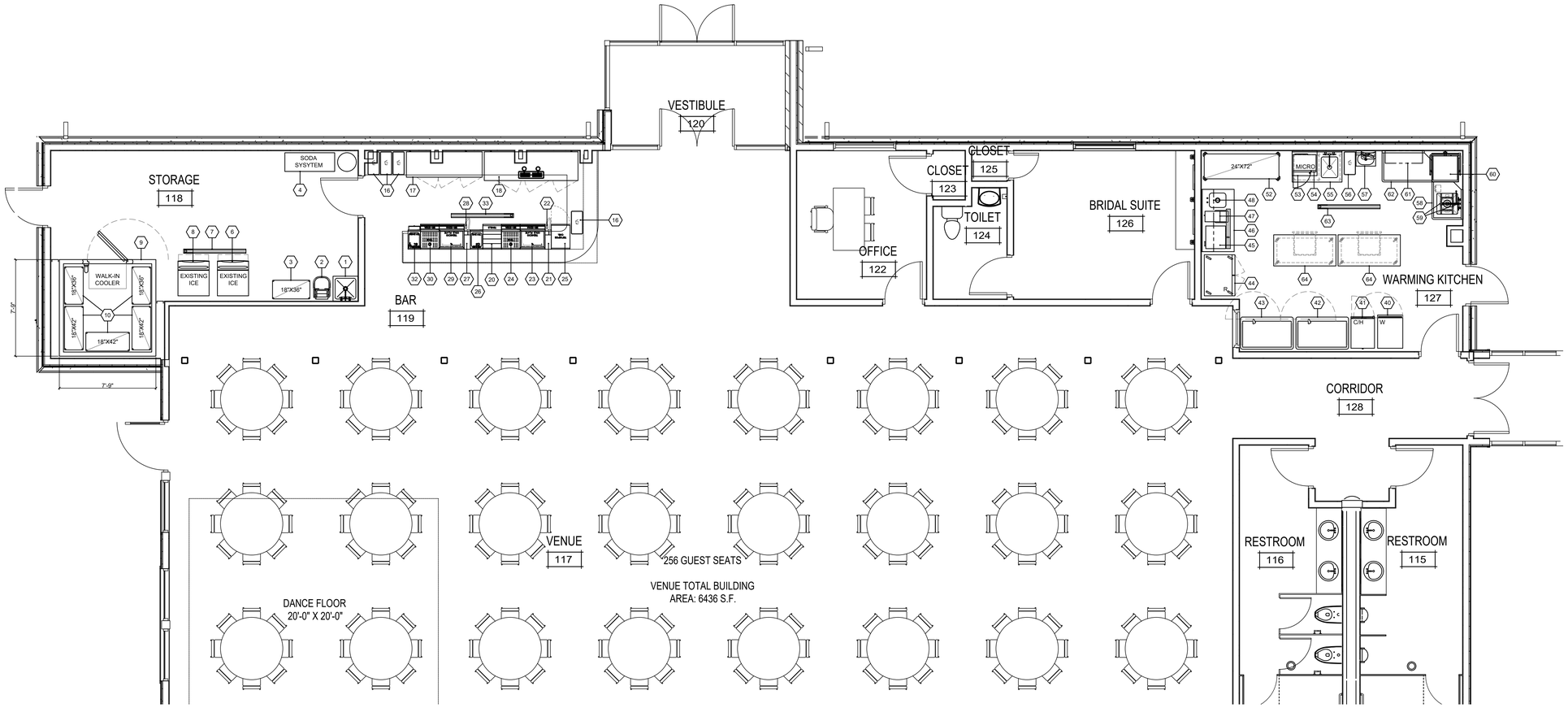
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MJA

ONE-LINE DIAGRAMS AND PANEL SCHEDULES

E901

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Sheet Size: 30" x 42" (Arch E1)



FOODSERVICE EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
1	1	MOP SINK	BY PC
2	1	MOP BUCKET	
3	LOT	CHEMICAL STORAGE SHELVING	
4	1	SODA SYSTEM	BY VENDOR
5	-	SPARE NUMBER	
6	1	ICE MAKER W/ BIN	EXISTING
7	1	FLOOR TRENCH	BY PC
8	1	ICE MAKER W/ BIN	EXISTING
9	1	WALK-IN COOLER	
10	LOT	WALK-IN COOLER SHELVING	
11	-	SPARE NUMBER	
12	-	SPARE NUMBER	
13	-	SPARE NUMBER	
14	-	SPARE NUMBER	
15	-	SPARE NUMBER	
16	4	TRASH CONTAINER	
17	1	REFRIGERATED COOLER	
18	1	REFRIGERATED DIRECT DRAW COOLER	BY OWNER
19	-	SPARE NUMBER	
20	1	LIQUOR DISPLAY	
21	1	SODA GUN FILLER UNIT	
22	1	SODA GUN	BY VENDOR
23	1	ICE CHEST W/ SPEED RAIL	
24	1	DRAINBOARD W/ SPEED RAIL	
25	1	POS SYSTEM	
26	1	DUMP SINK	
27	1	SODA GUN FILLER UNIT	
28	1	SODA GUN	BY VENDOR
29	1	ICE CHEST W/ SPEED RAIL	
30	1	DRAINBOARD W/ SPEED RAIL	
31	-	SPARE NUMBER	
32	1	HAND SINK	
33	1	FLOOR TRENCH	BY PC
34	-	SPARE NUMBER	
35	-	SPARE NUMBER	
36	-	SPARE NUMBER	
37	-	SPARE NUMBER	
38	-	SPARE NUMBER	
39	-	SPARE NUMBER	
40	1	WARMING CABINET	
41	1	COOK AND HOLD CABINET	FUTURE
42	1	BANQUET CART	FUTURE
43	1	BANQUET CART	FUTURE
44	1	REACH-IN REFRIGERATOR	
45	1	COFFEE BREWER	BY VENDOR
46	1	BEVERAGE COUNTER W/ TROUGH	
47	1	TEA BREWER	BY VENDOR
48	1	WALL SHELF	
49	-	SPARE NUMBER	
50	-	SPARE NUMBER	
51	-	SPARE NUMBER	
52	LOT	STORAGE SHELVING	
53	1	MICROWAVE SHELF	
54	1	MICROWAVE	
55	1	WORKTABLE W/ SINK	
56	1	TRASH CONTAINER	
57	1	HAND SINK	
58	1	SOILED DISHTABLE	
59	1	DISPOSER W/ PRE-RINSE ASSEMBLY	
60	1	VENTLESS DISHMACHINE	BY OWNER
61	1	WALL SHELF	
62	1	CLEAN DISHTABLE	
63	1	FLOOR TRENCH	BY PC
64	2	MOBILE WORKTABLE	
65	-	SPARE NUMBER	
66	-	SPARE NUMBER	
67	-	SPARE NUMBER	
68	-	SPARE NUMBER	
69	-	SPARE NUMBER	
70-99	-	SPARE NUMBER	

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

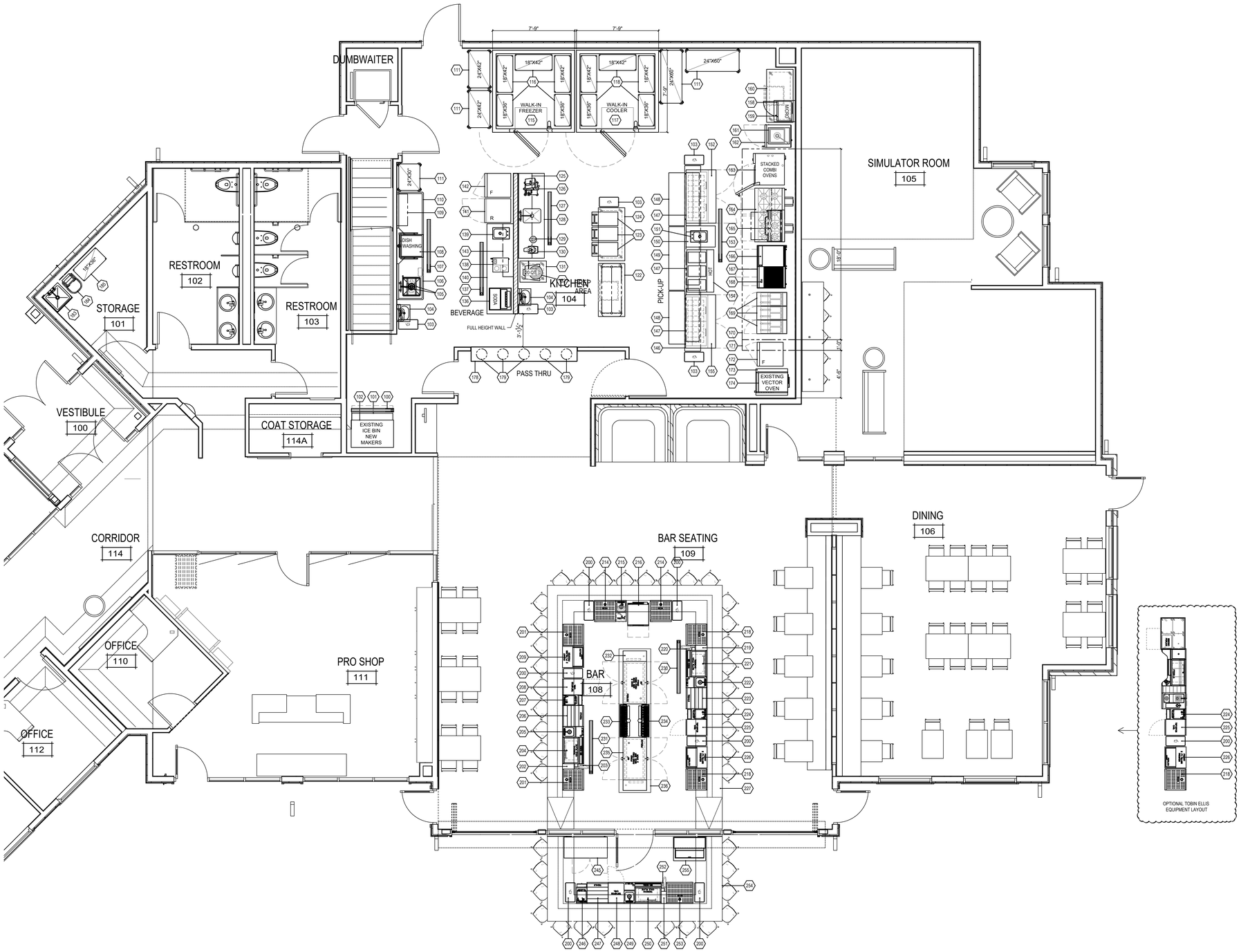
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE EQUIPMENT PLAN

FS100



FOODSERVICE EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
100	1	FLOOR TRENCH	BY PC
101	1	ICE MAKER BIN	EXISTING
102	1	ICE MAKER	
103	5	TRASH CONTAINER	
104	2	HAND SINK	
105	1	DISPOSER W/ PRE-RINSE ASSEMBLY	
106	1	SOILED DISHTABLE	
107	1	FLOOR TRENCH	BY PC
108	1	VENTLESS DISHMACHINE	BY OWNER
109	1	WALL SHELF	
110	1	CLEAN DISHTABLE	
111	LOT	STORAGE SHELVING	
112	-	SPARE NUMBER	
113	-	SPARE NUMBER	
114	-	SPARE NUMBER	
115	1	WALK-IN FREEZER	
116	LOT	WALK-IN FREEZER SHELVING	
117	1	WALK-IN COOLER	
118	LOT	WALK-IN COOLER SHELVING	
119	-	SPARE NUMBER	
120	-	SPARE NUMBER	
121	-	SPARE NUMBER	
122	1	MOBILE WORKTABLE W/ POT & PAN RACK	
123	3	INGREDIENT BIN	
124	1	MOBILE WORKTABLE	
125	1	WALL SHELF	
126	1	SLICER	
127	1	FLOOR TRENCH	BY PC
128	1	WORKTABLE W/ SINK	
129	1	POWER STICK MIXER	
130	1	FOOD PROCESSOR	
131	1	MOBILE EQUIPMENT STAND	
132	1	20 QUART MIXER	
133	-	SPARE NUMBER	
134	-	SPARE NUMBER	
135	-	SPARE NUMBER	
136	1	SODA DISPENSER	BY VENDOR
137	1	FLOOR TRENCH	BY PC
138	1	COFFEE BREWER	BY VENDOR
139	1	DROP-IN SINK	
140	1	BEVERAGE COUNTER	
141	1	REACH-IN REFRIGERATOR	
142	1	REACH-IN FREEZER	
143	1	WALL SHELF	
144	-	SPARE NUMBER	
145	-	SPARE NUMBER	
146	1	OVERSHELF ASSEMBLY	
147	3	HEAT LAMP	
148	2	PICK-UP COUNTER	
149	1	PICK-UP COUNTER	
150	1	WORKTABLE	
151	1	DROP-IN SINK	
152	1	REFRIGERATED PREP TABLE	
153	1	FLOOR TRENCH	BY PC
154	1	HOT FOOD WELL TABLE	
155	1	REFRIGERATED PREP TABLE	
156	-	SPARE NUMBER	
157	-	SPARE NUMBER	
158	1	MICROWAVE	
159	1	MICROWAVE SHELF	
160	1	MOBILE WORKTABLE	
161	1	CARVING STATION	
162	1	WARMING CABINET	
163	1	STACKED COMBI OVENS	
164	1	OPEN BURNER RANGE W/ CONVECTION OVENS	
165	1	SALAMANDER BROILER	
166	1	GRIDDLE	
167	1	REFRIGERATED EQUIPMENT STAND	
168	1	CHARBROILER	
169	3	FRYERS	
170	1	EXHAUST HOOD	BY OWNER
171	1	FIRE SUPPRESSION SYSTEM	BY OWNER
172	1	REACH-IN FREEZER	
173	1	EQUIPMENT STAND	
174	1	VECTOR OVEN	EXISTING
175	-	SPARE NUMBER	
176	-	SPARE NUMBER	
177	-	SPARE NUMBER	
178	1	PASS-THRU LEDGE	BY OTHERS
179	5	SUSPENDED HEAT LAMPS	
180	-	SPARE NUMBER	
181	-	SPARE NUMBER	
182	-	SPARE NUMBER	
183	1	MOP SINK	BY PC
184		MOP BUCKET	
185	LOT	CHEMICAL STORAGE SHELVING	
186	-	SPARE NUMBER	
187	-	SPARE NUMBER	
188	-	SPARE NUMBER	
189	-	SPARE NUMBER	
190-199	-	SPARE NUMBER	

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
200	8	TRASH CONTAINER	
201	2	DRAINBOARD STORAGE CABINET	
202	1	SODA GUN FILLER UNIT	
203	1	SODA GUN	BY VENDOR
204	1	ICE CHEST W/ SPEED RAIL	
205	1	BLENDER STATION	
206	1	LIQUOR DISPLAY	
207	1	HAND SINK	
208	1	POS CABINET	POS SYSTEM BY OWNER
209	1	GLASS FROSTER	
210	-	SPARE NUMBER	
211	-	SPARE NUMBER	
212	-	SPARE NUMBER	
213	-	SPARE NUMBER	
214	2	DRAINBOARD STORAGE CABINET	
215	1	GLASSWASHER CHEMICAL SINK	
216	1	GLASSWASHER	BY OWNER
217	-	SPARE NUMBER	
218	2	DRAINBOARD STORAGE CABINET	
219	1	SODA GUN FILLER UNIT	
220	1	SODA GUN	BY VENDOR
221	1	ICE CHEST W/ SPEED RAIL	
222	1	BLENDER STATION	
223	1	LIQUOR DISPLAY	
224	1	HAND SINK	
225	1	POS CABINET	POS SYSTEM BY OWNER
226	1	GLASS FROSTER	
227	1	MILLWORK BAR AND DIE	BY MILLWORK
228	-	SPARE NUMBER	
229	-	SPARE NUMBER	
230	1	FLOOR TRENCH	BY PC
231	1	FLOOR TRENCH	BY PC
232	1	PASS-THRU BACKBAR COOLER	
233	1	BEER DISPENSERS AND TROUGH	
234	1	BEER DISPENSERS AND TROUGH	
235	1	PASS-THRU BACKBAR COOLER	
236	1	MILLWORK ISLAND COUNTER	BY MILLWORK
237	-	SPARE NUMBER	
238	-	SPARE NUMBER	
239	-	SPARE NUMBER	
240	-	SPARE NUMBER	
241	-	SPARE NUMBER	
242	-	SPARE NUMBER	
243	-	SPARE NUMBER	
244	-	SPARE NUMBER	
245	1	REFRIGERATED COOLER	
246	1	HAND SINK	
247	1	LIQUOR DISPLAY	
248	1	POS CABINET	POS SYSTEM BY OWNER
249	1	BLENDER STATION	
250	1	ICE CHEST W/ SPEED RAIL	
251	1	SODA GUN FILLER UNIT	
252	1	SODA GUN	BY VENDOR
253	1	DRAINBOARD STORAGE CABINET	
254	1	MILLWORK BAR AND DIE	BY MILLWORK
255	1	BOTTLE COOLER	
256	-	SPARE NUMBER	
257	-	SPARE NUMBER	
258	-	SPARE NUMBER	
259	-	SPARE NUMBER	
260-299	-	SPARE NUMBER	

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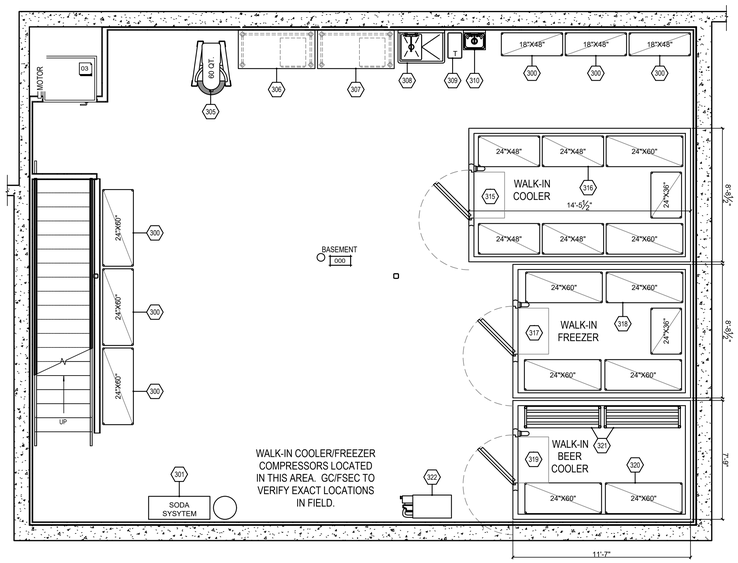
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE EQUIPMENT PLAN

FS101



FOODSERVICE EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"

EQUIPMENT LIST			
ITEM	QTY	DESCRIPTION	COMMENTS
300	LOT	STORAGE SHELVING	
301	1	SODA SYSTEM	BY VENDOR
302	-	SPARE NUMBER	
303	-	SPARE NUMBER	
304	-	SPARE NUMBER	
305	1	60 QUART MIXER	FUTURE
306	1	WORKTABLE	FUTURE
307	1	WORKTABLE	FUTURE
308	1	PREP TABLE W/ SINK	FUTURE
309	1	TRASH CONTAINER	FUTURE
310	1	HAND SINK	FUTURE
311	-	SPARE NUMBER	
312	-	SPARE NUMBER	
313	-	SPARE NUMBER	
314	-	SPARE NUMBER	
315	1	WALK-IN COOLER	
316	LOT	WALK-IN COOLER SHELVING	
317	1	WALK-IN FREEZER	
318	LOT	WALK-IN FREEZER SHELVING	
319	1	WALK-IN BEER COOLER	
320	LOT	WALK-IN BEER COOLER SHELVING	
321	2	KEG RACK	
322	1	POWER PAK SYSTEM	
323	-	SPARE NUMBER	
324	-	SPARE NUMBER	
325	-	SPARE NUMBER	
326	-	SPARE NUMBER	
327	-	SPARE NUMBER	
328	-	SPARE NUMBER	
329	-	SPARE NUMBER	

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PRAIRIE PINES GOLF CLUB BASEMENT

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

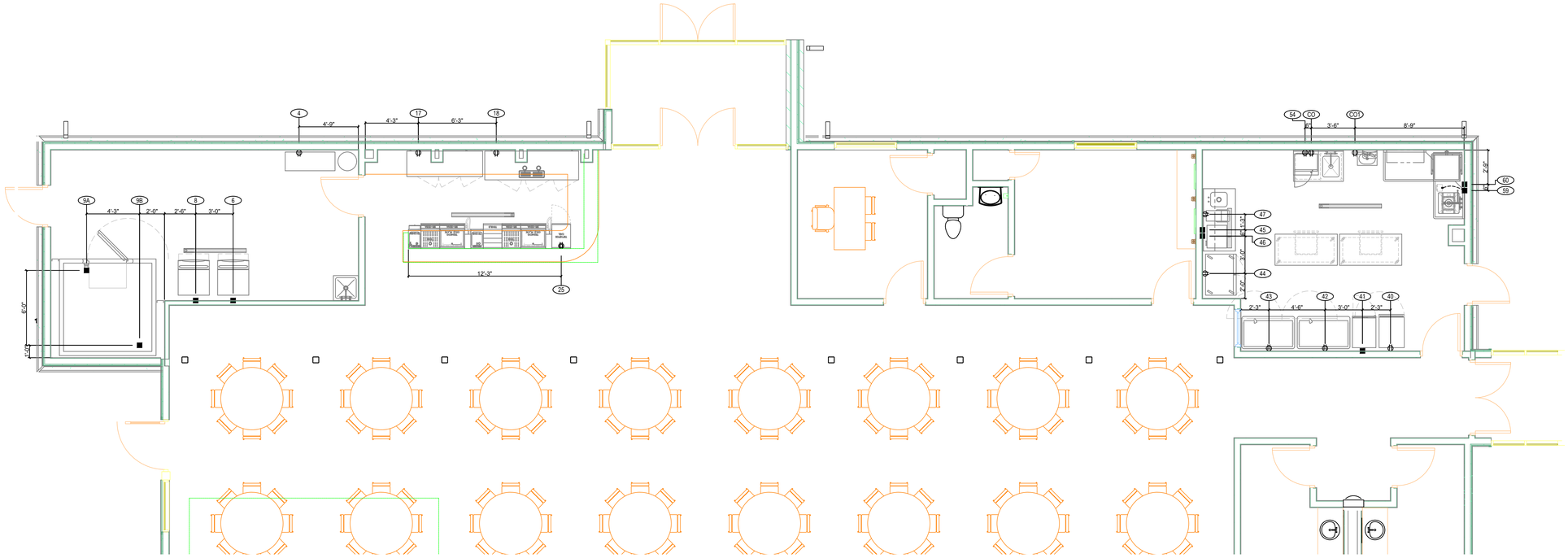
FOR FULL SCALE, THIS DOCUMENT IS TO BE PRINTED ON 30"X42" SIZE SHEET

REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE EQUIPMENT PLAN

FS102



FOODSERVICE ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

ELECTRICAL ROUGH-INS

ITEM	QTY	CONNECTION(S)
4	1	120V/1 DGR 60" AFF FOR SODA SYSTEM. 16.0 AMPS. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
6	1	120V/1 J-BOX 72" AFF FOR EXISTING ICE MAKER. 16.3 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EXISTING - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
8	1	120V/1 J-BOX 72" AFF FOR EXISTING ICE MAKER. 12.2 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EXISTING - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
9A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER LIGHTS. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT ALL LIGHT FIXTURES.
9B	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER COIL. 0.85 AMPS.
9C	1	208-230V/1 J-BOX FOR WALK-IN COOLER COMPRESSOR. 1/2 HP. 15.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
17	1	120V/1 DGR 18" AFF FOR REFRIGERATED COOLER. 1/4 HP. 2.7 AMPS. NEMA 5-15P.
18	1	120V/1 DGR 18" AFF FOR REFRIGERATED DIRECT DRAW COOLER. 1/4 HP. 2.8 AMPS. NEMA 5-15P.
25	1	120V/1 DDGR 12" AFF FOR POS SYSTEM. 20.0 AMP DEDICATED CIRCUIT. EC TO PROVIDE EMPTY J-BOX FOR RUNNING OF POS AND DATA LINES; ROUTE PER OWNER'S SPECIFICATIONS. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS WITH OWNER.
40	1	120V/1 DGR 48" AFF FOR WARMING CABINET. 1.9 KW. 16.0 AMPS. NEMA 5-20P.
41	1	208V/1 J-BOX 48" AFF FOR FUTURE COOK AND HOLD CABINET. 5.3 KW. 22.2 AMPS. FUTURE - EC TO CAP AND COVER ROUGH-IN FOR FUTURE USE.
42	1	120V/1 DGR 48" AFF FOR FUTURE BANQUET CART. 1.65 KW. 13.7 AMPS. NEMA 5-15P. FUTURE - EC TO CAP AND COVER ROUGH-IN FOR FUTURE USE.
43	1	120V/1 DGR 48" AFF FOR FUTURE BANQUET CART. 1.65 KW. 13.7 AMPS. NEMA 5-15P. FUTURE - EC TO CAP AND COVER ROUGH-IN FOR FUTURE USE.
44	1	120V/1 DGR 18" AFF FOR REACH-IN REFRIGERATOR. 1/3 HP. 5.6 AMPS. NEMA 5-15P.
45	1	208V/3 J-BOX 48" AFF FOR COFFEE BREWER. 45.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
46	1	120V/1 J-BOX 18" AFF. EC TO CONNECT TO RECEPTACLE LOCATED IN BACKSPLASH OF BEVERAGE COUNTER FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.
47	1	120V/1 DGR 48" AFF FOR TEA BREWER. 16.0 AMPS. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
54	1	120V/1 DGR 48" AFF FOR MICROWAVE. 1.0 KW. 13.0 AMPS. NEMA 5-15P.
59	1	120V/1 J-BOX 18" AFF FOR DISPOSER. 2.0 HP. 24.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EC TO CONNECT DISPOSER, SOLENOID VALVE AND SWITCH.
60	1	208V/3 J-BOX 18" AFF FOR VENTLESS DISHMACHINE. 50.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
CO	1	120V/1 GFCI DGR 48" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.
CO1	1	120V/1 GFCI DGR 18" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.

REMOTE CONDENSING UNIT NOTES

- EXACT LOCATION OF CONDENSING UNITS TO BE VERIFIED WITH ARCHITECTOWNER.
- EC TO FURNISH J-BOX AND DISCONNECT FOR COOLER CONDENSING UNIT.
- ALL ELECTRICAL INTER-WIRING BY EC. THIS WORK INCLUDES; HARDWIRING EACH CONDENSING UNIT TO ITS RESPECTIVE BLOWER COIL(S), INTER-WIRING OF LIGHTS, AND DOOR HEATER, INTER-WIRING OF THERMOSTAT AND SOLENOID, INTER-WIRING OF BLOWER COIL AND TIME CLOCK, PROVIDING RECEPTACLE FOR DRAIN LINE HEATER.
- ALSO REFER TO ELECTRICAL NOTE #5.
- PROPER VENTILATION AND COOLING MUST BE PROVIDED FOR REMOTE CONDENSING UNITS TO RUN AT FULL CAPACITY AND MAINTAIN VALID WARRANTIES.
- LIGHT BULBS PROVIDED BY OWNER.

9C

COMPRESSOR SIZES/ LOADS:
- WALK-IN COOLER (ITEM 9C) - 208-230V/1 1/2 HP. 15.0 AMP CIRCUIT.

ELECTRICAL CONTRACTORS NOTES

E1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT OR OWNER.

E2. ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".

E3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPURTENANCES SUCH AS LINE OR DISCONNECT SWITCHES, SAFETY CUTOUTS, CONTROL PANELS, FUSE BOXES, FITTINGS AND INTERWIRING REQUIRED BETWEEN EQUIPMENT AND CONTROL PANELS UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.

E4. UNLESS OTHERWISE SPECIFIED, THE ELECTRICIAN IS TO FURNISH ALL 208 VOLT CORDS, PLUGS AND RECEPTACLES WHERE NECESSARY. ELECTRICAL CONTRACTOR TO FURNISH ALL LIGHT BULBS REQUIRED FOR EXHAUST HOOD(S) AND/OR WALK-IN COOLERS AND FREEZERS UNLESS OTHERWISE SPECIFIED.

E5. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING, BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWER FANS, TIMERS, HEATERS AND LIGHTING.

E6. ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE SUPPLY AND INSTALLATION OF A SHUNTTRIP BREAKERS FOR EQUIPMENT AND FAN INTERLOCK MECHANISMS AS NEEDED.

E7. ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

E8. ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INSET FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.

E9. EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

E10. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

E11. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DISCONNECT SWITCHES AS REQUIRED BY LOCAL CODE.

E12. ELECTRICAL CONTRACTOR TO SEAL INSIDE OF CONDUIT W/ SILICONE OR EXPANDABLE FOAM WHERE CONDUIT PENETRATES WALK-IN COOLER/FREEZER WALLS. TYPICAL.

ELECTRICAL NOTES

ELECTRICAL CONTRACTOR TO INSTALL CORD AND PLUGS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.

ELECTRICAL SYMBOLS & ABBREVIATIONS

⏀	SGR	SINGLE GROUNDED RECEPTACLE
⏁	DGR	DUPLEX GROUNDED RECEPTACLE
⏂	DDGR	DEDICATED DUPLEX GROUNDED RECEPTACLE
■	JB	JUNCTION BOX
$	SW	SWITCH
⏃	SPO	SPECIAL PURPOSE OUTLET
▼	DIR	DIRECT WIRED CONNECTION
•	ECS	ELECTRICAL CONDUIT STUB UP
▽	TEL	TELEPHONE
	GFCI	GROUND FAULT CIRCUIT INTERRUPT
	CO	CONVENIENCE OUTLET
	KW	KILOWATTS
	V	VOLT
	HP	HORSEPOWER
	AFF	ABOVE FINISHED FLOOR
	WFA	WIRED FROM ABOVE
	EC	ELECTRICAL CONTRACTOR

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER:	SCOTT MORRICAL
PROJECT COORDINATOR:	MAURA DOUGLAS
CAD/REVIT DESIGNER:	JESSE PROVOST

ISSUE DATE: 02/09/2024

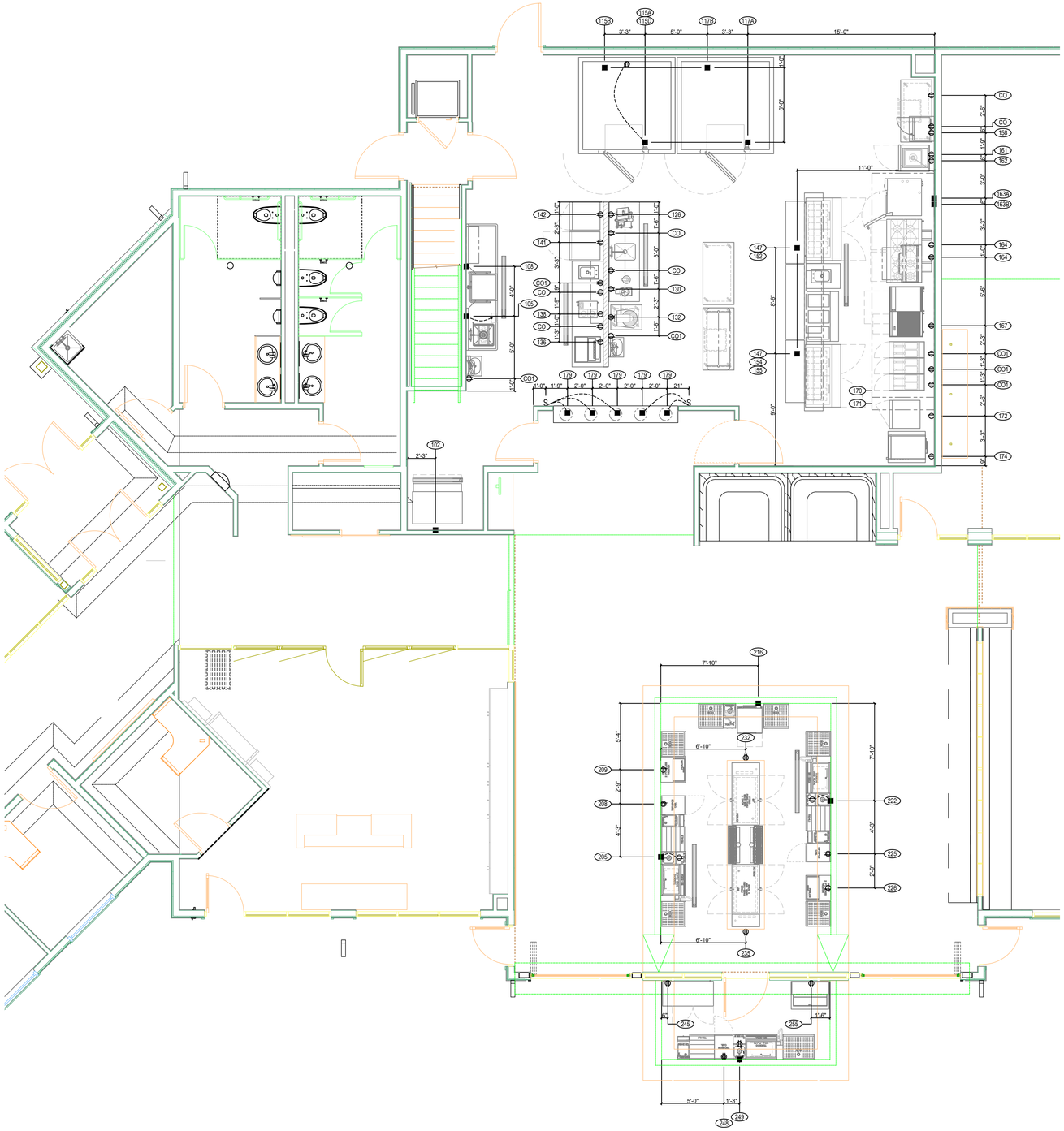
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE ELECTRICAL PLAN

FS200



FOODSERVICE ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

ELECTRICAL CONTRACTORS NOTES

E1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT OR OWNER.

E2. ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS"

E3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPURTENANCES SUCH AS LINE OR DISCONNECT SWITCHES, SAFETY CUTOUTS, CONTROL PANELS, FUSE BOXES, FITTINGS AND INTERWIRING REQUIRED BETWEEN EQUIPMENT AND CONTROL PANELS UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.

E4. UNLESS OTHERWISE SPECIFIED, THE ELECTRICIAN IS TO FURNISH ALL 208 VOLT CORDS, PLUGS AND RECEPTACLES WHERE NECESSARY. ELECTRICAL CONTRACTOR TO FURNISH ALL LIGHT BULBS REQUIRED FOR EXHAUST HOODS AND/OR WALK-IN COOLERS AND FREEZERS UNLESS OTHERWISE SPECIFIED.

E5. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING, BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWER FANS, TIMERS, HEATERS AND LIGHTING.

E6. ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE SUPPLY AND INSTALLATION OF A SHUNT-TRIP BREAKERS FOR EQUIPMENT AND FAN INTERLOCK MECHANISMS AS NEEDED.

E7. ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

E8. ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INSET FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.

E9. EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

E10. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

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ELECTRICAL NOTES

ELECTRICAL CONTRACTOR TO INSTALL CORD AND PLUGS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.

ELECTRICAL SYMBOLS & ABBREVIATIONS

⏀	SGR	SINGLE GROUNDED RECEPTACLE
⏀	DGR	DUPLEX GROUNDED RECEPTACLE
⏀	DDGR	DEDICATED DUPLEX GROUNDED RECEPTACLE
■	JB	JUNCTION BOX
$	SW	SWITCH
⏚	SPO	SPECIAL PURPOSE OUTLET
▼	DIR	DIRECT WIRED CONNECTION
•	ECS	ELECTRICAL CONDUIT STUB UP
▽	TEL	TELEPHONE
	GFCI	GROUND FAULT CIRCUIT INTERRUPT
	CO	CONVENIENCE OUTLET
	KW	KILOWATTS
	V	VOLT
	HP	HORSEPOWER
	AFF	ABOVE FINISHED FLOOR
	WFA	WIRED FROM ABOVE
	EC	ELECTRICAL CONTRACTOR

ELECTRICAL ROUGH-INS

ITEM	QTY	CONNECTION(S)
102	1	208V/3 J-BOX 72" AFF FOR EXISTING ICE MAKER. 18.5 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EXISTING - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
105	1	120V/1 J-BOX 18" AFF FOR DISPOSER. 2.0 HP. 24.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EC TO CONNECT DISPOSER, SOLENOID VALVE AND SWITCH.
108	1	208V/3 J-BOX 18" AFF FOR VENTLESS DISHMACHINE. 50.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
115A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN FREEZER LIGHTS AND HEATED AIR VENT. 20.0 AMP CIRCUIT. EC TO CONNECT AND INSTALL ALL LIGHT FIXTURES.
115B	1	208V/1 J-BOX FROM ABOVE FOR WALK-IN FREEZER COIL. 10.1 AMPS.
115C	1	208-230V/1 J-BOX FOR WALK-IN FREEZER COMPRESSOR. 2.0 HP. 25.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
115D	1	120V/1 J-BOX FROM ABOVE FOR DRAIN LINE HEAT TAPE DGR. 20.0 AMP CIRCUIT. EC TO CONNECT TO DGR LOCATED INSIDE WALK-IN FREEZER BOX MOUNTED TO WALL BEHIND COIL.
117A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER LIGHTS. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT ALL LIGHT FIXTURES.
117B	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER COIL. 0.85 AMPS.
117C	1	208-230V/1 J-BOX FOR WALK-IN COOLER COMPRESSOR. 1/2 HP. 15.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
126	1	120V/1 DGR 48" AFF FOR SLICER. 1/2 HP. 4.8 AMPS. NEMA 5-15P.
130	1	120V/1 DGR 48" AFF FOR FOOD PROCESSOR. 2.0 HP. 7.0 AMPS. NEMA 5-15P.
132	1	120V/1 DGR 48" AFF FOR 20 QT. MIXER. 1/2 HP. 10.0 AMPS. NEMA 5-15P.
136	1	120V/1 DGR 18" AFF FOR SODA DISPENSER. 16.0 AMPS. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
138	1	208V/3 J-BOX 48" AFF FOR COFFEE BREWER. 45.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
141	1	120V/1 DGR 90" AFF FOR REACH-IN REFRIGERATOR. 1/7 HP. 2.1 AMPS. NEMA 5-15P.
142	1	120V/1 DGR 90" AFF FOR REACH-IN FREEZER. 1/2 HP. 6.3 AMPS. NEMA 5-15P.
147 152	1	J-BOX(ES) STUB-UP 6" AFF. EC TO CONNECT TO: (ITEM 147) - 120V/1 DIRECT FOR HEAT LAMP. 2.8 KW. (ITEM 152) - 120V/1 DGR FOR REFRIGERATED PREP TABLE. 1/3 HP. 6.5 AMPS. NEMA 5-15P. EC TO FURNISH AND INSTALL ALL OUTLETS AS REQUIRED FOR CONNECTIONS TO EQUIPMENT. EC SHALL PROVIDE ALL INTERWIRING & FINAL CONNECTIONS.
147 152	1	J-BOX(ES) STUB-UP 6" AFF. EC TO CONNECT TO: (ITEM 147) - 120V/1 DIRECT FOR HEAT LAMP. 2.8 KW. (ITEM 152) - 120V/1 DGR FOR REFRIGERATED PREP TABLE. 1/3 HP. 6.5 AMPS. NEMA 5-15P. EC TO FURNISH AND INSTALL ALL OUTLETS AS REQUIRED FOR CONNECTIONS TO EQUIPMENT. EC SHALL PROVIDE ALL INTERWIRING & FINAL CONNECTIONS.
147 154 155	1	J-BOX(ES) STUB-UP 6" AFF. EC TO CONNECT TO: (ITEM 147) - (2)120V/1 DIRECT FOR HEAT LAMP. (2)2.8 KW. (ITEM 154) - 120V/1 DGR FOR HOT FOOD WELL TABLE. 1.5 KW. 12.5 AMPS. NEMA 5-20P. (ITEM 155) - 120V/1 DGR FOR REFRIGERATED PREP TABLE. 1/3 HP. 6.5 AMPS. NEMA 5-15P. EC TO FURNISH AND INSTALL ALL OUTLETS AS REQUIRED FOR CONNECTIONS TO EQUIPMENT. EC SHALL PROVIDE ALL INTERWIRING & FINAL CONNECTIONS.
158	1	120V/1 DGR 66" AFF FOR MICROWAVE. 1.5 KW. 13.0 AMPS. NEMA 5-15P.
161	1	120V/1 DGR 18" AFF FOR CARVING STATION. 0.25 KW. 2.0 AMPS. NEMA 5-15P.
162	1	120V/1 DGR 18" AFF FOR WARMING CABINET. 1.7 KW. 14.2 AMPS. NEMA 5-20P.
163A	1	120V/1 J-BOX 24" AFF FOR COMBI OVEN (LOWER SECTION). 0.84 KW. 6.8 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT OR CORD, PLUG AND RECEPTACLE PER LOCAL CODES.
163B	1	120V/1 J-BOX 48" AFF FOR COMBI OVEN (UPPER SECTION). 0.84 KW. 6.8 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT OR CORD, PLUG AND RECEPTACLE PER LOCAL CODES.
164	2	120V/1 DGR 18" AFF FOR OPEN BURNER RANGE W/ CONVECTION OVENS. 5.9 AMPS. NEMA 5-15P.
167	1	120V/1 DGR 18" AFF FOR REFRIGERATED EQUIPMENT STAND. 1/4 HP. 2.4 AMPS. NEMA 5-15P.
170	1	EXHAUST HOOD BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
171	1	FIRE SUPPRESSION SYSTEM. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
172	1	120V/1 DGR 48" AFF FOR REACH-IN FREEZER. 1/2 HP. 3.7 AMPS. NEMA 5-15P.
174	1	208V/1 SGR 48" AFF FOR EXISTING VECTOR OVEN. 7.9 KW. 38.0 AMPS. NEMA 6-50P. EXISTING - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
179	5	120V/1 J-BOX FROM ABOVE FOR SUSPENDED HEAT LAMP. 2.0 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. EC TO FURNISH, INSTALL AND INTERWIRE TO WALL SWITCH. EC TO VERIFY HEIGHT AND LOCATION OF WALL SWITCH.
205	1	120V/1 J-BOX 9" AFF FOR BLENDER STATION. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT TO DGR FURNISHED WITH UNIT.
208	1	120V/1 DDGR 12" AFF FOR POS SYSTEM. 20.0 AMP DEDICATED CIRCUIT. EC TO PROVIDE EMPTY J-BOX FOR RUNNING OF POS AND DATA LINES; ROUTE PER OWNER'S SPECIFICATIONS. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS WITH OWNER.
209	1	120V/1 DGR 12" AFF FOR GLASS FROSTER. 1/5 HP. 2.3 AMPS. NEMA 5-15P.
216	1	120V/1 J-BOX 12" AFF FOR GLASSWASHER. 17.5 AMPS. EC TO FURNISH AND INSTALL A CORD AND DISCONNECT PER LOCAL CODES. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
222	1	120V/1 J-BOX 9" AFF FOR BLENDER STATION. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT TO DGR FURNISHED WITH UNIT.
225	1	120V/1 DDGR 12" AFF FOR POS SYSTEM. 20.0 AMP DEDICATED CIRCUIT. EC TO PROVIDE EMPTY J-BOX FOR RUNNING OF POS AND DATA LINES; ROUTE PER OWNER'S SPECIFICATIONS. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS WITH OWNER.
226	1	120V/1 DGR 12" AFF FOR GLASS FROSTER. 1/5 HP. 2.3 AMPS. NEMA 5-15P.
232	1	120V/1 DGR IN COUNTER FOR PASS-THRU BACKBAR COOLER. 1/4 HP. 5.5 AMPS. NEMA 5-15P.
235	1	120V/1 DGR IN COUNTER FOR PASS-THRU BACKBAR COOLER. 1/4 HP. 5.5 AMPS. NEMA 5-15P.
245	1	120V/1 DGR 18" AFF FOR REFRIGERATED COOLER. 1/3 HP. 7.0 AMPS. NEMA 5-15P.
248	1	120V/1 DDGR 12" AFF FOR POS SYSTEM. 20.0 AMP DEDICATED CIRCUIT. EC TO PROVIDE EMPTY J-BOX FOR RUNNING OF POS AND DATA LINES; ROUTE PER OWNER'S SPECIFICATIONS. BY OWNER - EC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS WITH OWNER.
249	1	120V/1 J-BOX 9" AFF FOR BLENDER STATION. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT TO DGR FURNISHED WITH UNIT.
255	1	120V/1 DGR 18" AFF FOR BOTTLE COOLER. 1.4 AMPS. NEMA 5-15P.
CO	6	120V/1 GFCI DGR 48" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.
CO1	6	120V/1 GFCI DGR 18" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.

REMOTE CONDENSING UNIT NOTES

- EXACT LOCATION OF CONDENSING UNITS TO BE VERIFIED WITH ARCHITECT/OWNER.
- EC TO FURNISH J-BOX AND DISCONNECT FOR COOLER/FREEZER CONDENSING UNITS.
- ALL ELECTRICAL INTER-WIRING BY EC. THIS WORK INCLUDES; HARDWIRING EACH CONDENSING UNIT TO ITS RESPECTIVE BLOWER COIL(S), INTER-WIRING OF LIGHTS, AND DOOR HEATER, INTER-WIRING OF THERMOSTAT AND SOLENOID, INTER-WIRING OF BLOWER COIL AND TIME CLOCK, PROVIDING RECEPTACLE FOR DRAIN LINE HEATER.
- ALSO REFER TO ELECTRICAL NOTE #5.
- PROPER VENTILATION AND COOLING MUST BE PROVIDED FOR REMOTE CONDENSING UNITS TO RUN AT FULL CAPACITY AND MAINTAIN VALID WARRANTIES.
- LIGHT BULBS PROVIDED BY OWNER.

COMPRESSOR SIZES/ LOADS:
- WALK-IN FREEZER (ITEM 115C) - 208-230V/1 2.0 HP. 25.0 AMP CIRCUIT.
- WALK-IN COOLER (ITEM 117C) - 208-230V/1 1/2 HP. 15.0 AMP CIRCUIT.

115C 117C

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

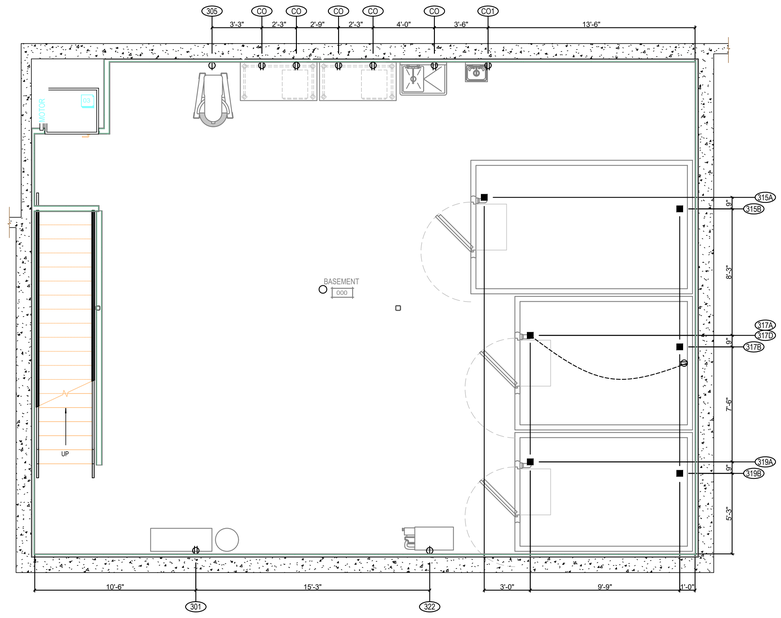
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE ELECTRICAL PLAN

FS201



FOODSERVICE ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

ELECTRICAL ROUGH-INS

ITEM	QTY	CONNECTION(S)
301	1	120V/1 DGR 60" AFF FOR SODA SYSTEM. 16.0 AMPS. BY VENDOR - EC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
305	1	208V/1 SGR 18" AFF FOR FUTURE 60 QUART MIXER. 16.0 AMPS. NEMA 6-20P. FUTURE - EC TO CAP AND COVER ROUGH-IN FOR FUTURE USE.
315A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER LIGHTS. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT ALL LIGHT FIXTURES.
315B	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN COOLER COIL. 1.8 AMPS.
315C	1	208-230V/1 J-BOX FOR WALK-IN COOLER COMPRESSOR. 3/4 HP. 15.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
317A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN FREEZER LIGHTS AND HEATED AIR VENT. 20.0 AMP CIRCUIT. EC TO CONNECT AND INSTALL ALL LIGHT FIXTURES.
317B	1	208V/1 J-BOX FROM ABOVE FOR WALK-IN FREEZER COIL. 10.1 AMPS.
317C	1	208-230V/1 J-BOX FOR WALK-IN FREEZER COMPRESSOR. 2.0 HP. 25.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
317D	1	120V/1 J-BOX FROM ABOVE FOR DRAIN LINE HEAT TAPE DGR. 20.0 AMP CIRCUIT. EC TO CONNECT TO DGR LOCATED INSIDE WALK-IN FREEZER BOX MOUNTED TO WALL BEHIND COIL.
319A	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN BEER COOLER LIGHTS. 20.0 AMP CIRCUIT. EC TO MOUNT AND CONNECT ALL LIGHT FIXTURES.
319B	1	120V/1 J-BOX FROM ABOVE FOR WALK-IN BEER COOLER COIL. 1.8 AMPS.
319C	1	208-230V/1 J-BOX FOR WALK-IN BEER COOLER COMPRESSOR. 3/4 HP. 15.0 AMP CIRCUIT. EC TO FURNISH AND INSTALL A DISCONNECT. EXACT LOCATION TO BE VERIFIED WITH OWNER/ARCHITECT. EC TO INTERWIRE COMPRESSOR TO RESPECTIVE BLOWER COIL UNIT. EC TO VERIFY FINAL LOCATION OF TIME CLOCK WITH FSEC AND INTERWIRE TIME CLOCK, SOLENOID AND THERMOSTAT. * SEE REMOTE COMPRESSOR NOTES THIS PAGE.
322	1	208V/1 SGR 48" AFF FOR POWE PAK SYSTEM. 3/4 HP. 9.5 AMPS. NEMA 6-15P.
CO	5	120V/1 GFCI DGR 48" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.
CO1	1	120V/1 GFCI DGR 18" AFF FOR A CONVENIENCE OUTLET. 20.0 AMP CIRCUIT.

REMOTE CONDENSING UNIT NOTES

- EXACT LOCATION OF CONDENSING UNITS TO BE VERIFIED WITH ARCHITECT/OWNER.
- EC TO FURNISH J-BOX AND DISCONNECT FOR COOLER/FREEZER CONDENSING UNITS.
- ALL ELECTRICAL INTER-WIRING BY EC. THIS WORK INCLUDES; HARDWIRING EACH CONDENSING UNIT TO ITS RESPECTIVE BLOWER COIL(S), INTER-WIRING OF LIGHTS, AND DOOR HEATER, INTER-WIRING OF THERMOSTAT AND SOLENOID, INTER-WIRING OF BLOWER COIL AND TIME CLOCK, PROVIDING RECEPTACLE FOR DRAIN LINE HEATER.
- ALSO REFER TO ELECTRICAL NOTE #5.
- PROPER VENTILATION AND COOLING MUST BE PROVIDED FOR REMOTE CONDENSING UNITS TO RUN AT FULL CAPACITY AND MAINTAIN VALID WARRANTIES.
- LIGHT BULBS PROVIDED BY OWNER.

COMPRESSOR SIZES/ LOADS:
- WALK-IN COOLER (ITEM 315C) - 208-230V/1 3/4 HP. 15.0 AMP CIRCUIT.
- WALK-IN FREEZER (ITEM 317C) - 208-230V/1 2.0 HP. 25.0 AMP CIRCUIT.
- WALK-IN BEER COOLER (ITEM 319C) - 208-230V/1 3/4 HP. 15.0 AMP CIRCUIT.

315C 317C 319C

ELECTRICAL NOTES

ELECTRICAL CONTRACTOR TO INSTALL CORD AND PLUGS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.

ELECTRICAL SYMBOLS & ABBREVIATIONS

SGR	SINGLE GROUNDED RECEPTACLE
DGR	DUPLEX GROUNDED RECEPTACLE
DDGR	DEDICATED DUPLEX GROUNDED RECEPTACLE
JB	JUNCTION BOX
SW	SWITCH
SPO	SPECIAL PURPOSE OUTLET
DIR	DIRECT WIRED CONNECTION
ECS	ELECTRICAL CONDUIT STUB UP
TEL	TELEPHONE
GFCI	GROUND FAULT CIRCUIT INTERRUPT
CO	CONVENIENCE OUTLET
KW	KILOWATTS
V	VOLT
HP	HORSEPOWER
AFF	ABOVE FINISHED FLOOR
WFA	WIRED FROM ABOVE
EC	ELECTRICAL CONTRACTOR

ELECTRICAL CONTRACTORS NOTES

E1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT OR OWNER.

E2. ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".

E3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPURTENANCES SUCH AS LINE OR DISCONNECT SWITCHES, SAFETY CUTOUTS, CONTROL PANELS, FUSE BOXES, STRINGS AND INTERWIRING REQUIRED BETWEEN EQUIPMENT AND CONTROL PANELS UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.

E4. UNLESS OTHERWISE SPECIFIED, THE ELECTRICIAN IS TO FURNISH ALL 208 VOLT CORDS, PLUGS AND RECEPTACLES WHERE NECESSARY. ELECTRICAL CONTRACTOR TO FURNISH ALL LIGHT BULBS REQUIRED FOR EXHAUST HOOD(S) AND/OR WALK-IN COOLERS AND FREEZERS UNLESS OTHERWISE SPECIFIED.

E5. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING, BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWER FANS, TIMERS, HEATERS AND LIGHTING.

E6. ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE SUPPLY AND INSTALLATION OF A SHUNTTRIP BREAKERS FOR EQUIPMENT AND FAN INTERLOCK MECHANISMS AS NEEDED.

E7. ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

E8. ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INSET FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.

E9. EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

E10. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

E11. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DISCONNECT SWITCHES AS REQUIRED BY LOCAL CODE.

E12. ELECTRICAL CONTRACTOR TO SEAL INSIDE OF CONDUIT W/ SILICONE OR EXPANDABLE FOAM WHERE CONDUIT PENETRATES WALK-IN COOLER/FREEZER WALLS. TYPICAL.

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PRAIRIE PINES GOLF CLUB BASEMENT

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

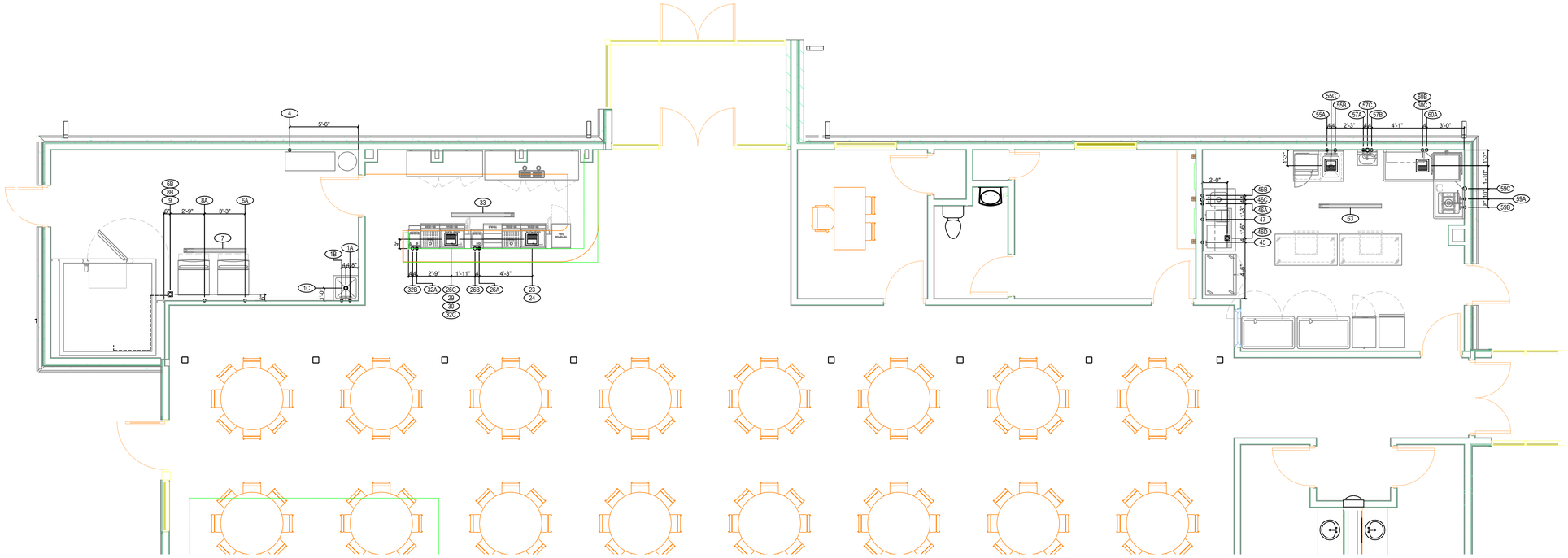
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NO.	DATE	DESCRIPTION

FOODSERVICE ELECTRICAL PLAN

FS202



FOODSERVICE PLUMBING PLAN

SCALE: 1/4" = 1'-0"

PLUMBING ROUGH-INS

ITEM	QTY	CONNECTION(S)
1	1	CONNECTIONS FOR MOP SINK: A - 1/2" HW 36" AFF. B - 1/2" CW 36" AFF. C - 3" DW FLUSH W/ FINISHED FLOOR. BY PC - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
4	1	CONNECTION FOR SODA SYSTEM: 1/2" CW 48" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
6	1	CONNECTIONS FOR EXISTING ICE MAKER: A - 1/2" CW 60" AFF - PC TO BRANCH THRU WATER FILTER TO ICE MAKER WATER INLET. B - 3/4" ICE MAKER DRAIN & 3/4" BIN DRAIN TO HUB DRAIN STUB-UP 3" AFF. EXISTING - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
7	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
8	1	CONNECTIONS FOR EXISTING ICE MAKER: A - 1/2" CW 60" AFF. PC TO BRANCH THRU WATER FILTER TO ICE MAKER WATER INLET. B - 3/4" ICE MAKER DRAIN & 3/4" BIN DRAIN TO HUB DRAIN STUB-UP 3" AFF. EXISTING - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
9	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM COOLER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.
23	1	CONNECTION FOR ICE CHEST W/ SPEED RAIL: 1/2" DRAIN TO FLOOR SINK.
24	1	CONNECTION FOR DRAINBOARD W/ SPEED RAIL: 1-1/2" DRAIN TO FLOOR SINK.
26	1	CONNECTIONS FOR DUMP SINK: A - 1/2" HW 12" AFF B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
29	1	CONNECTION FOR ICE CHEST W/ SPEED RAIL: 1/2" DRAIN TO FLOOR SINK.
30	1	CONNECTION FOR DRAINBOARD W/ SPEED RAIL: 1-1/2" DRAIN TO FLOOR SINK.
32	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 12" AFF B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
33	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
45	1	CONNECTION FOR COFFEE BREWER: 1/2" CW 48" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
46	1	CONNECTION FOR BEVERAGE COUNTER W/ TROUGH: A - 1/2" HW 14" AFF. B - 1/2" CW 14" AFF. C - 1-1/2" DW 12" AFF. D - 1-7/8" DRAIN TO HUB DRAIN STUB-UP 3" AFF.
47	1	CONNECTION FOR TEA BREWER: 1/2" CW 48" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
55	1	CONNECTIONS FOR WORKTABLE W/ SINK: A - 1/2" HW 14" AFF. B - 1/2" CW 14" AFF. C - 2" DRAIN TO FLOOR SINK.
57	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 22" AFF. B - 1/2" CW 22" AFF. C - 1-1/2" DW 20" AFF.
59	1	CONNECTIONS FOR DISPOSER W/ PRE-RINSE ASSEMBLY: A - 1/2" HW 14" AFF. B - 3/4" CW 14" AFF. PC TO BRANCH 1/2" TO DISPOSER. C - 2" DW 8" AFF. PC TO CONNECT DISPOSER, SOLENOID VALVE, FLOW CONTROL VALVE AND VACUUM BREAKER.
60	1	CONNECTIONS FOR VENTLESS DISHMACHINE W/ BOOSTER HEATER: A - 3/4" CW 12" AFF. B - 1/2" CW 12" AFF FOR DRAIN WATER TEMPERING KIT. C - 1-1/2" DRAIN TO FLOOR SINK. EXTEND 24" DOWN BEFORE TRAPPING. PC TO DRAIN TO GREASE TRAP PER LOCAL CODE(S). DO NOT USE PVC. BY OWNER - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
63	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.

PLUMBER/FITTERS NOTES

P1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT, OR OWNER.

P2. PLUMBER/FITTER CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".

P3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR PROVIDING APPURTENANCES SUCH AS TEES, ELBOWS, MIXING VALVES, R.P. VALVES, GREASE TRAPS OR INTERCEPTORS, BACKFLOW DEVICES, COUPLINGS AND FITTINGS OTHER THAN THOSE FURNISHED AS STANDARD WITH EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR, EXCEPT WHERE SPECIFIED TO DO SO UNDER THE ARCHITECTS OR CONSULTANTS GENERAL KITCHEN EQUIPMENT SPECIFICATIONS.

P4. UNLESS OTHERWISE SPECIFIED, THE PLUMBER IS TO FURNISH AND INSTALL ALL NECESSARY P.V.C. PIPING (6" MIN.) THROUGH AND BELOW FLOOR TO ACT AS A CHASE FOR BEVERAGE AND/OR REFRIGERATION LINE RUNS. BENDS IN P.V.C. CHASE ARE NOT TO EXCEED 45 DEGREES AT ANY SINGLE POINT.

P5. PLUMBER/FITTER TO MAKE ALL FINAL PLUMBING AND GAS CONNECTIONS TO EQUIPMENT, INCLUDING MOUNTING FAUCETS AND DRAINS. EXTEND WASTE LINES FROM ALL APPLICABLE EQUIPMENT TO NEAREST INDIRECT DRAIN AS SHOWN ON PLAN.

P6. ALL MECHANICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

P7. ALL PLUMBING, GAS AND STEAM LINES TO BE RUN WITHIN WALL CAVITIES SO AS TO HAVE ONLY SUPPLY AND RETURN STUBS PROTRUDING THROUGH WALL SURFACE. WALL PENETRATIONS ARE TO BE SEALED AND TRIM RINGS APPLIED. SURFACE MOUNTED PLUMBING, GAS AND STEAM LINES ARE NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLANS.

P8. EQUIPMENT MANUFACTURER'S SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY THE FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

P9. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

P10. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS PRESSURE REDUCING VALVE TO PROVIDE MAXIMUM OPERATING PRESSURE OF 14" W.C. TO FOODSERVICE EQUIPMENT. GAS SHUT OFF VALVE MUST BE INSTALLED TO BE ACCESSIBLE FOR INSPECTIONS.

P11. PLUMBING CONTRACTOR TO FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE(S) WHERE REQUIRED FOR FOODSERVICE EQUIPMENT.

P12. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT WATER RECIRCULATION SYSTEM THAT SHALL PROVIDE HOT WATER SUPPLY WITHIN 20 SECONDS AT EACH SINK AND DISHMACHINE.

FLOOR DRAIN NOTE

EXACT LOCATION OF ALL FLOOR DRAINS TO BE LOCATED BY PLUMBING CONTRACTOR.

BACKFLOW PREVENTER NOTE

PLUMBING CONTRACTOR TO FURNISH AND INSTALL ANY AND ALL CODE COMPLYING BACKFLOW PREVENTERS PER LOCAL CODES.

PLUMBING SYMBOLS & ABBREVIATIONS

●	HW	HOT WATER LINE STUB
○	CW	COLD WATER LINE STUB
○	DW	DIRECT WASTE CONNECTION
⊙FD	FD	FLUSH FLOOR DRAIN AND GRATE
⊠	IND	INDIRECT WASTE DRAIN
▣	FS	12" SQUARE FLOOR SINK
◆	GAS	GAS SUPPLY LINE STUB
■	SS	STEAM SUPPLY
◪	CR	CONDENSATE RETURN
	AFF	ABOVE FINISHED FLOOR
	DFA	DOWN FROM ABOVE
	PC	PLUMBING CONTRACTOR

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
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ISSUE DATE: 02/09/2024

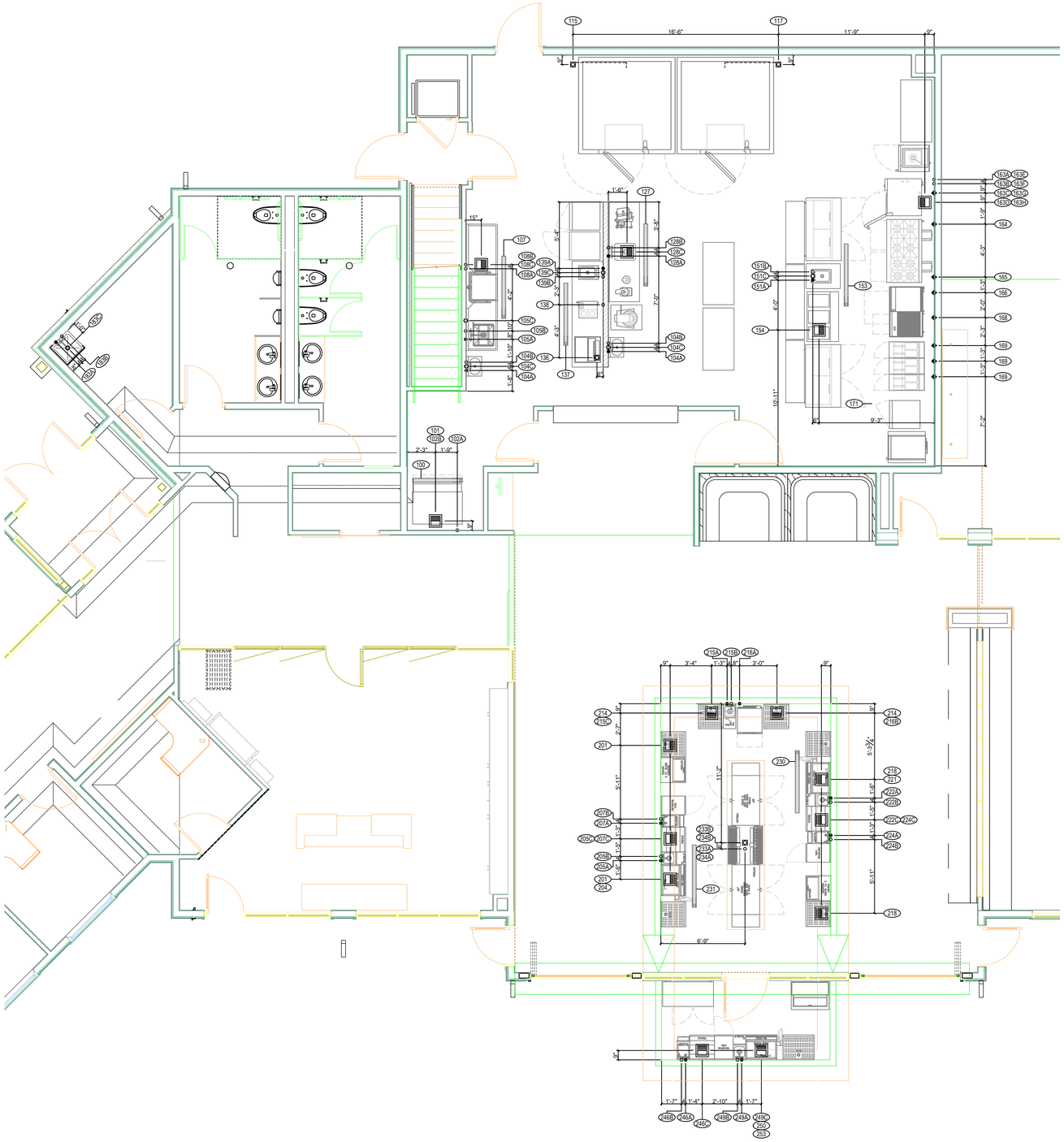
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE PLUMBING PLAN

FS300



FOODSERVICE PLUMBING PLAN

SCALE: 1/4" = 1'-0"

PLUMBER/FITTERS NOTES

P1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT, OR OWNER.

P2. PLUMBER/FITTER CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".

P3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR PROVIDING APPURTENANCES SUCH AS ELBOWS, MANUAL VALVES, P.R.V. VALVES, GREASE TRAPS AND STRAINERS UNLESS SPECIFICALLY INDICATED. NORMAL ITEMS OF EQUIPMENT NOT FURNISHED AS STANDARD WITH EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR, EXCEPT WHERE SPECIFIED TO DO SO UNDER THE ARCHITECTS OR CONSULTANTS GENERAL KITCHEN EQUIPMENT SPECIFICATIONS.

P4. UNLESS OTHERWISE SPECIFIED, THE PLUMBER IS TO FURNISH AND INSTALL ALL NECESSARY P.V.C. PIPING (6" MIN.) THROUGH AND BELOW FLOOR TO ACT AS A CHASE FOR BEVERAGE AND/OR REFRIGERATION LINE RUNS. BENDS IN P.V.C. CHASE ARE NOT TO EXCEED 45 DEGREES AT ANY SINGLE POINT.

P5. PLUMBER/FITTER TO MAKE ALL FINAL PLUMBING AND GAS CONNECTIONS TO EQUIPMENT, INCLUDING MOUNTING FAUCETS AND DRAINS. EXTEND WASTE LINES FROM ALL APPLICABLE EQUIPMENT TO NEAREST INDIRECT DRAIN AS SHOWN ON PLAN.

P6. ALL MECHANICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

P7. ALL PLUMBING, GAS AND STEAM LINES TO BE RUN WITHIN WALL CAVITIES SO AS TO HAVE ONLY SUPPLY AND RETURN STUBS PROTRUDING THROUGH WALL SURFACE. WALL PENETRATIONS ARE TO BE SEALED AND TRIM RINGS APPLIED. SURFACE MOUNTED PLUMBING, GAS AND STEAM LINES ARE NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLANS.

P8. EQUIPMENT MANUFACTURER'S SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY THE FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

P9. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

P10. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS PRESSURE REDUCING VALVE TO PROVIDE MAXIMUM OPERATING PRESSURE OF 14" W.C. TO FOODSERVICE EQUIPMENT. GAS SHUT OFF VALVE MUST BE INSTALLED TO BE ACCESSIBLE FOR INSPECTIONS.

P11. PLUMBING CONTRACTOR TO FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE(S) WHERE REQUIRED FOR FOODSERVICE EQUIPMENT.

P12. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT WATER RECIRCULATION SYSTEM THAT SHALL PROVIDE HOT WATER SUPPLY WITHIN 20 SECONDS AT EACH SINK AND DISHMACHINE.

FLOOR DRAIN NOTE

EXACT LOCATION OF ALL FLOOR DRAINS TO BE LOCATED BY PLUMBING CONTRACTOR.

BACKFLOW PREVENTER NOTE

PLUMBING CONTRACTOR TO FURNISH AND INSTALL ANY AND ALL CODE COMPLYING BACKFLOW PREVENTERS PER LOCAL CODES.

PLUMBING SYMBOLS & ABBREVIATIONS

●	HW	HOT WATER LINE STUB
○	CW	COLD WATER LINE STUB
○	DW	DIRECT WASTE CONNECTION
◎ FD	FD	FLUSH FLOOR DRAIN AND GRATE
⊠ IND	IND	INDIRECT WASTE DRAIN
▣ FS	FS	12" SQUARE FLOOR SINK
◆	GAS	GAS SUPPLY LINE STUB
■	SS	STEAM SUPPLY
⊡	CR	CONDENSATE RETURN
	AFF	ABOVE FINISHED FLOOR
	DFA	DOWN FROM ABOVE
	PC	PLUMBING CONTRACTOR

PLUMBING ROUGH-INS

ITEM	QTY	CONNECTION(S)
100	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
101	1	CONNECTION FOR EXISTING ICE MAKER BIN: 3/4" DRAIN TO HUB DRAIN STUB-UP 3" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
102	1	CONNECTIONS FOR ICE MAKER: : A - 1/2" CW 60" AFF. PC TO BRANCH THRU WATER FILTER TO ICE MAKER WATER INLET. B - 3/4" DRAIN TO HUB DRAIN STUB-UP 3" AFF.
104	2	CONNECTIONS FOR HAND SINK: A - 1/2" HW 22" AFF. B - 1/2" CW 22" AFF. C - 1-1/2" DW 20" AFF.
105	1	CONNECTIONS FOR DISPOSER W/ PRE-RINSE ASSEMBLY: A - 1/2" HW 14" AFF. B - 3/4" CW 14" AFF. PC TO BRANCH 1/2" TO DISPOSER. C - 2" DW 8" AFF. PC TO CONNECT DISPOSER, SOLENOID VALVE, FLOW CONTROL VALVE AND VACUUM BREAKER.
107	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
108	1	CONNECTIONS FOR VENTLESS DISHMACHINE W/ BOOSTER HEATER: A - 3/4" CW 12" AFF. B - 1/2" CW 12" AFF FOR DRAIN WATER TEMPERING KIT. C - 1-1/2" DRAIN TO FLOOR SINK. EXTEND 24" DOWN BEFORE TRAPPING. PC TO DRAIN TO GREASE TRAP PER LOCAL CODE(S). DO NOT USE PVC. BY OWNER - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
115	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM WALK-IN FREEZER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.
117	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM WALK-IN COOLER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.
128	1	CONNECTIONS FOR WORKTABLE W/ SINK: A - 1/2" HW 14" AFF. B - 1/2" CW 14" AFF. C - 2" DRAIN TO FLOOR SINK.
136	1	CONNECTION FOR SODA DISPENSER: 1" DRAIN TO HUB DRAIN STUB-UP 8" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
137	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
138	1	CONNECTION FOR COFFEE BREWER: 1/2" CW 48" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
139	1	CONNECTIONS FOR DROP-IN SINK: A - 1/2" HW 14" AFF. B - 1/2" CW 14" AFF. C - 1-1/2" DW 12" AFF.
151	1	CONNECTIONS FOR DROP-IN SINK: A - 1/2" HW STUB-UP 8" AFF. B - 1/2" CW STUB-UP 8" AFF. C - 1-1/2" DW STUB-UP 8" AFF.
153	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
154	1	CONNECTION FOR HOT FOOD WELL TABLE: 1" DRAIN FROM MANIFOLD DRAIN VALVE TO FLOOR SINK.
163	1	CONNECTIONS FOR STACKED COMBI OVENS W/ SMOKER: BOTTOM SECTION: A - 3/4" UNTREATED CW 9" AFF. PC TO BRANCH TO UNTREATED WATER INLET. B - 3/4" TREATED CW 18" AFF. PC TO BRANCH FROM REVERSE OSMOSIS SYSTEM. VERIFY LOCATION WITH FSEC. C - 3/4" GAS SUPPLY 24" AFF. 48,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT & RESTRAINING CABLE TO PC FOR INSTALLATION. D - 1-1/2" DRAIN TO FLOOR SINK. DO NOT USE PVC TO DRAIN. PC TO DRAIN TO GREASE TRAP PER LOCAL CODES. UPPER SECTION: E - 3/4" UNTREATED CW 42" AFF. PC TO BRANCH TO UNTREATED WATER INLET. F - 3/4" TREATED CW 49" AFF. PC TO BRANCH FROM REVERSE OSMOSIS. VERIFY LOCATION WITH FSEC. G - 3/4" GAS SUPPLY 48" AFF. 48,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT & RESTRAINING CABLE TO PC FOR INSTALLATION. H - 1-1/2" DRAIN TO FLOOR SINK. DO NOT USE PVC TO DRAIN. PC TO DRAIN TO GREASE TRAP PER LOCAL CODES. PC TO FURNISH AND INSTALL BACKFLOW PREVENTION AS REQUIRED BY CODE.
164	1	3/4" GAS SUPPLY 24" AFF FOR OPEN BURNER RANGE W/ CONVECTION OVENS. 356,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC FOR INSTALLATION.
165	1	3/4" GAS SUPPLY 24" AFF FOR SALAMANDER BROILER. 40,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC FOR INSTALLATION.
166	1	3/4" GAS SUPPLY 24" AFF FOR GRIDDLE. 60,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC FOR INSTALLATION.
168	1	3/4" GAS SUPPLY 24" AFF FOR CHARBROILER. 80,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC FOR INSTALLATION.
169	3	3/4" GAS SUPPLY 24" AFF FOR FRYER. 110,000 BTU. FSEC TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC FOR INSTALLATION.
171	1	FIRE SUPPRESSION SYSTEM. BY OWNER - PC TO VERIFY ROUGH-IN LOCATION(S) AND REQUIREMENTS.
183	1	CONNECTIONS FOR MOP SINK: A - 1/2" HW 36" AFF. B - 1/2" CW 36" AFF. C - 3" DW FLUSH W/ FINISHED FLOOR. BY PC - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
201	2	CONNECTION FOR DRAINBOARD STORAGE CABINET: 1-1/2" DRAIN TO FLOOR SINK.
204	1	CONNECTION FOR ICE CHEST W/ SPEED RAIL: 1/2" DRAIN TO FLOOR SINK.
205	1	CONNECTIONS FOR BLENDER STATION: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
207	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
214	2	CONNECTION FOR DRAINBOARD STORAGE CABINET: 1-1/2" DRAIN TO FLOOR SINK.
215	1	CONNECTIONS FOR GLASSWASHER CHEMICAL SINK: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
216	1	CONNECTIONS FOR GLASSWASHER: A - 1/2" HW (120° MIN - 140° RECOMMENDED) 12" AFF B - 3/4" DRAIN TO FLOOR SINK. BY OWNER - PC TO VERIFY ROUGH-IN LOCATIONS AND REQUIREMENTS.
218	2	CONNECTION FOR DRAINBOARD STORAGE CABINET: 1-1/2" DRAIN TO FLOOR SINK.
221	1	CONNECTION FOR ICE CHEST W/ SPEED RAIL: 1/2" DRAIN TO FLOOR SINK.
222	1	CONNECTIONS FOR BLENDER STATION: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
224	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
230	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
231	1	FLOOR TRENCH BY PC. PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
233	1	CONNECTIONS FOR BEER DISPENSERS AND TROUGH: A - 3/4" CW STUB-UP 8" AFF. PC TO BRANCH TO GLASS RINSER. B - 5/8" DRAIN FROM TROUGH TO HUB DRAIN STUB-UP 6" AFF.
234	1	CONNECTIONS FOR BEER DISPENSERS AND TROUGH: A - 3/4" CW STUB-UP 8" AFF. PC TO BRANCH TO GLASS RINSER. B - 5/8" DRAIN FROM TROUGH TO HUB DRAIN STUB-UP 6" AFF.
246	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
249	1	CONNECTIONS FOR BLENDER STATION: A - 1/2" HW 12" AFF. B - 1/2" CW 12" AFF. C - 1-1/2" DRAIN TO FLOOR SINK.
250	1	CONNECTION FOR ICE CHEST W/ SPEED RAIL: 1/2" DRAIN TO FLOOR SINK.
253	1	CONNECTION FOR DRAINBOARD STORAGE CABINET: 1-1/2" DRAIN TO FLOOR SINK.

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

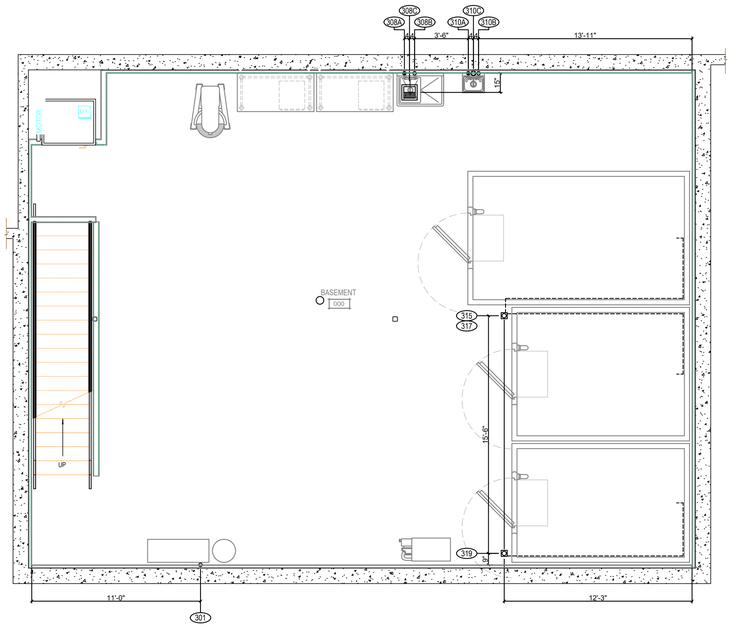
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NO.	DATE	DESCRIPTION

FOODSERVICE PLUMBING PLAN

FS301



FOODSERVICE PLUMBING PLAN

SCALE: 1/4" = 1'-0"

PLUMBING ROUGH-INS

ITEM	QTY	CONNECTION(S)
301	1	CONNECTION FOR SODA SYSTEM: 1/2" CW 48" AFF. BY VENDOR - PC TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
308	1	CONNECTIONS FOR PREP TABLE W/ SINK: A - 1/2" HW 14" AFF. B - 1/2" CW 14" AFF. C - 2" DRAIN TO FLOOR SINK.
310	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW 22" AFF. B - 1/2" CW 22" AFF. C - 1-1/2" DW 20" AFF.
315	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM WALK-IN COOLER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.
317	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM WALK-IN FREEZER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.
319	1	PC TO FURNISH AND INSTALL 1" COPPER CONDENSATE DRAIN LINE FROM WALK-IN COOLER EVAPORATOR COIL TO HUB DRAIN STUB UP 3" AFF. PC TO TRAP DRAIN OUTSIDE OF WALK-IN BOX.

FLOOR DRAIN NOTE

EXACT LOCATION OF ALL FLOOR DRAINS TO BE LOCATED BY PLUMBING CONTRACTOR.

BACKFLOW PREVENTER NOTE

PLUMBING CONTRACTOR TO FURNISH AND INSTALL ANY AND ALL CODE COMPLYING BACKFLOW PREVENTERS PER LOCAL CODES.

PLUMBING SYMBOLS & ABBREVIATIONS

●	HW	HOT WATER LINE STUB
○	CW	COLD WATER LINE STUB
○	DW	DIRECT WASTE CONNECTION
FD	FD	FLUSH FLOOR DRAIN AND GRATE
IND	IND	INDIRECT WASTE DRAIN
FS	FS	12" SQUARE FLOOR SINK
◆	GAS	GAS SUPPLY LINE STUB
■	SS	STEAM SUPPLY
◪	CR	CONDENSATE RETURN
	AFF	ABOVE FINISHED FLOOR
	DFA	DOWN FROM ABOVE
	PC	PLUMBING CONTRACTOR

PLUMBER/FITTERS NOTES

P1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOODSERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT, OR OWNER.

P2. PLUMBER/FITTER CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".

P3. THE FOODSERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR PROVIDING APPURTENANCES SUCH AS TEES, ELBOWS, MIXING VALVES, R.P. VALVES, GREASE TRAPS OR INTERCEPTORS, BACKFLOW DEVICES, COUPLINGS AND FITTINGS OTHER THAN THOSE FURNISHED AS STANDARD WITH EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR, EXCEPT WHERE SPECIFIED TO DO SO UNDER THE ARCHITECTS OR CONSULTANTS GENERAL KITCHEN EQUIPMENT SPECIFICATIONS.

P4. UNLESS OTHERWISE SPECIFIED, THE PLUMBER IS TO FURNISH AND INSTALL ALL NECESSARY P.V.C. PIPING (6" MIN.) THROUGH AND BELOW FLOOR TO ACT AS A CHASE FOR BEVERAGE AND/OR REFRIGERATION LINE RUNS. BENDS IN P.V.C. CHASE ARE NOT TO EXCEED 45 DEGREES AT ANY SINGLE POINT.

P5. PLUMBER/FITTER TO MAKE ALL FINAL PLUMBING AND GAS CONNECTIONS TO EQUIPMENT, INCLUDING MOUNTING FAUCETS AND DRAINS. EXTEND WASTE LINES FROM ALL APPLICABLE EQUIPMENT TO NEAREST INDIRECT DRAIN AS SHOWN ON PLAN.

P6. ALL MECHANICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

P7. ALL PLUMBING, GAS AND STEAM LINES TO BE RUN WITHIN WALL CAVITIES SO AS TO HAVE ONLY SUPPLY AND RETURN STUBS PROTRUDING THROUGH WALL SURFACE. WALL PENETRATIONS ARE TO BE SEALED AND TRIM RINGS APPLIED. SURFACE MOUNTED PLUMBING, GAS AND STEAM LINES ARE NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLANS.

P8. EQUIPMENT MANUFACTURER'S SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY THE FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

P9. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

P10. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS PRESSURE REDUCING VALVE TO PROVIDE MAXIMUM OPERATING PRESSURE OF 14" W.C. TO FOODSERVICE EQUIPMENT. GAS SHUT OFF VALVE MUST BE INSTALLED TO BE ACCESSIBLE FOR INSPECTIONS.

P11. PLUMBING CONTRACTOR TO FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE(S) WHERE REQUIRED FOR FOODSERVICE EQUIPMENT.

P12. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT WATER RECIRCULATION SYSTEM THAT SHALL PROVIDE HOT WATER SUPPLY WITHIN 20 SECONDS AT EACH SINK AND DISHMACHINE.

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PRAIRIE PINES GOLF CLUB BASEMENT

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

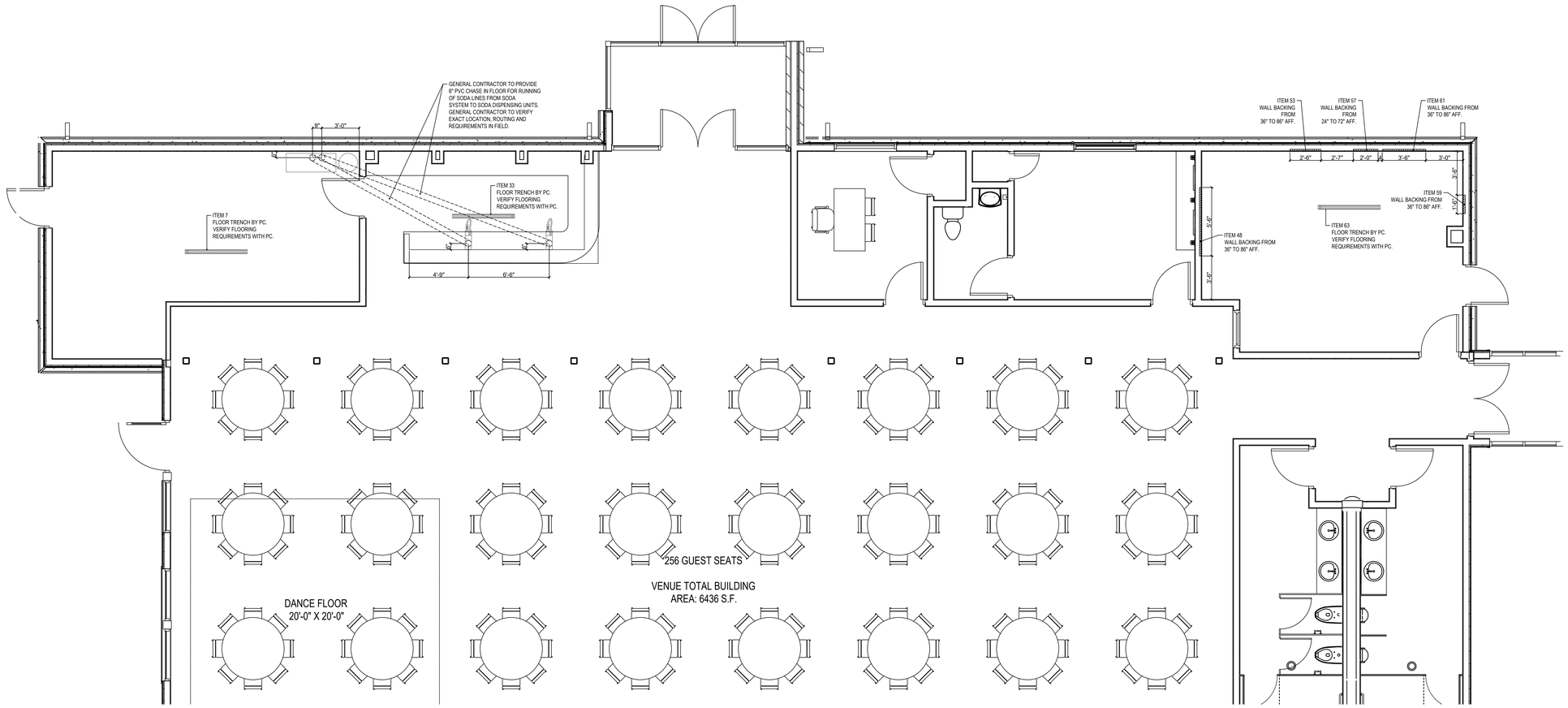
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REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE PLUMBING PLAN

FS302

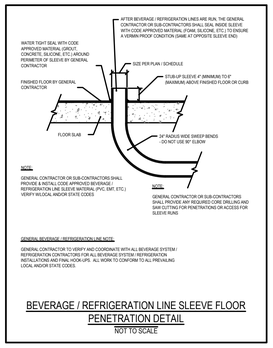


FOODSERVICE CONDITIONS PLAN

SCALE: 1/4" = 1'-0"

WALL BACKING INFORMATION

WALL BACKING MATERIAL IN WALLS WITH EXHAUST HOODS TO BE GALVANIZED STEEL. ALL OTHER WALL BACKING TO BE 3/4" PLYWOOD. ALL WALL BACKING TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. WALL BACKING TO BE INSTALLED IN STUD WALLS ONLY. WALL BACKING TO BE INSTALLED BEHIND FACE OF METAL STUDS.



BEVERAGE / REFRIGERATION LINE SLEEVE FLOOR PENETRATION DETAIL

NOT TO SCALE

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
1	1	MOP SINK	BY PC
2	1	MOP BUCKET	
3	LOT	CHEMICAL STORAGE SHELVING	
4	1	SODA SYSTEM	BY VENDOR
5	-	SPARE NUMBER	
6	1	ICE MAKER W/ BIN	EXISTING
7	1	FLOOR TRENCH	BY PC
8	1	ICE MAKER W/ BIN	EXISTING
9	1	WALK-IN COOLER	
10	LOT	WALK-IN COOLER SHELVING	
11	-	SPARE NUMBER	
12	-	SPARE NUMBER	
13	-	SPARE NUMBER	
14	-	SPARE NUMBER	
15	-	SPARE NUMBER	
16	4	TRASH CONTAINER	
17	1	REFRIGERATED COOLER	
18	1	REFRIGERATED DIRECT DRAW COOLER	BY OWNER
19	-	SPARE NUMBER	
20	1	LIQUOR DISPLAY	
21	1	SODA GUN FILLER UNIT	
22	1	SODA GUN	BY VENDOR
23	1	ICE CHEST W/ SPEED RAIL	
24	1	DRAINBOARD W/ SPEED RAIL	
25	1	POS SYSTEM	
26	1	DUMP SINK	
27	1	SODA GUN FILLER UNIT	
28	1	SODA GUN	BY VENDOR
29	1	ICE CHEST W/ SPEED RAIL	
30	1	DRAINBOARD W/ SPEED RAIL	
31	-	SPARE NUMBER	
32	1	HAND SINK	
33	1	FLOOR TRENCH	BY PC
34	-	SPARE NUMBER	
35	-	SPARE NUMBER	
36	-	SPARE NUMBER	
37	-	SPARE NUMBER	
38	-	SPARE NUMBER	
39	-	SPARE NUMBER	
40	1	WARMING CABINET	
41	1	COOK AND HOLD CABINET	FUTURE
42	1	BANQUET CART	FUTURE
43	1	BANQUET CART	FUTURE
44	1	REACH-IN REFRIGERATOR	
45	1	COFFEE BREWER	BY VENDOR
46	1	BEVERAGE COUNTER W/ TROUGH	
47	1	TEA BREWER	BY VENDOR
48	1	WALL SHELF	
49	-	SPARE NUMBER	
50	-	SPARE NUMBER	
51	-	SPARE NUMBER	
52	LOT	STORAGE SHELVING	
53	1	MICROWAVE SHELF	
54	1	MICROWAVE	
55	1	WORKTABLE W/ SINK	
56	1	TRASH CONTAINER	
57	1	HAND SINK	
58	1	SOILED DISHTABLE	
59	1	DISPOSER W/ PRE-RINSE ASSEMBLY	
60	1	VENTLESS DISHMACHINE	BY OWNER
61	1	WALL SHELF	
62	1	CLEAN DISHTABLE	
63	1	FLOOR TRENCH	BY PC
64	2	MOBILE WORKTABLE	
65	-	SPARE NUMBER	
66	-	SPARE NUMBER	
67	-	SPARE NUMBER	
68	-	SPARE NUMBER	
69	-	SPARE NUMBER	
70-99	-	SPARE NUMBER	

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

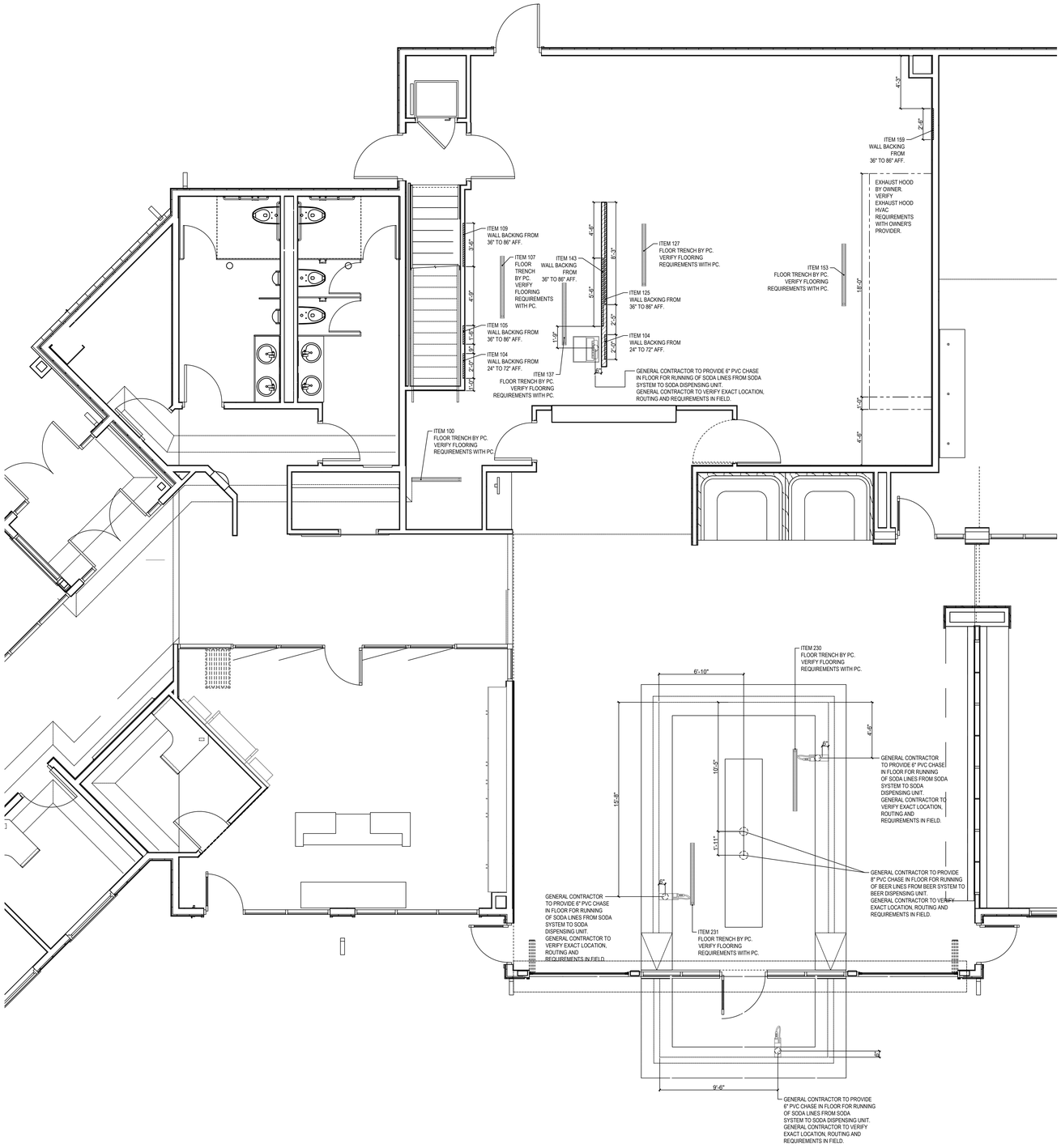
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FOODSERVICE CONDITIONS PLAN

FS400

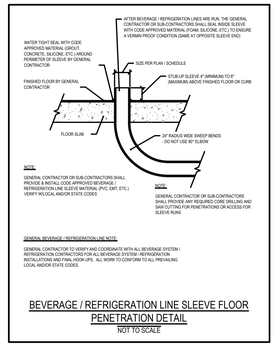


FOODSERVICE CONDITIONS PLAN

SCALE: 1/4" = 1'-0"

WALL BACKING INFORMATION

WALL BACKING MATERIAL IN WALLS WITH EXHAUST HOODS TO BE GALVANIZED STEEL. ALL OTHER WALL BACKING TO BE 3/4" PLYWOOD. ALL WALL BACKING TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. WALL BACKING TO BE INSTALLED IN STUD WALLS ONLY. WALL BACKING TO BE INSTALLED BEHIND FACE OF METAL STUDS.



BEVERAGE / REFRIGERATION LINE SLEEVE FLOOR PENETRATION DETAIL

NOT TO SCALE

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
100	1	FLOOR TRENCH	BY PC
101	1	ICE MAKER BIN	EXISTING
102	1	ICE MAKER	
103	5	TRASH CONTAINER	
104	2	HAND SINK	
105	1	DISPOSER W/ PRE-RINSE ASSEMBLY	
106	1	SOILED DISHTABLE	
107	1	FLOOR TRENCH	BY PC
108	1	VENTLESS DISHMACHINE	BY OWNER
109	1	WALL SHELF	
110	1	CLEAN DISHTABLE	
111	LOT	STORAGE SHELVING	
112	-	SPARE NUMBER	
113	-	SPARE NUMBER	
114	-	SPARE NUMBER	
115	1	WALK-IN FREEZER	
116	LOT	WALK-IN FREEZER SHELVING	
117	1	WALK-IN COOLER	
118	LOT	WALK-IN COOLER SHELVING	
119	-	SPARE NUMBER	
120	-	SPARE NUMBER	
121	-	SPARE NUMBER	
122	1	MOBILE WORKTABLE W/ POT & PAN RACK	
123	3	INGREDIENT BIN	
124	1	MOBILE WORKTABLE	
125	1	WALL SHELF	
126	1	SLICER	
127	1	FLOOR TRENCH	BY PC
128	1	WORKTABLE W/ SINK	
129	1	POWER STICK MIXER	
130	1	FOOD PROCESSOR	
131	1	MOBILE EQUIPMENT STAND	
132	1	20 QUART MIXER	
133	-	SPARE NUMBER	
134	-	SPARE NUMBER	
135	-	SPARE NUMBER	
136	1	SODA DISPENSER	BY VENDOR
137	1	FLOOR TRENCH	BY PC
138	1	COFFEE BREWER	BY VENDOR
139	1	DROP-IN SINK	
140	1	BEVERAGE COUNTER	
141	1	REACH-IN REFRIGERATOR	
142	1	REACH-IN FREEZER	
143	1	WALL SHELF	
144	-	SPARE NUMBER	
145	-	SPARE NUMBER	
146	1	OVERSHELF ASSEMBLY	
147	3	HEAT LAMP	
148	2	PICK-UP COUNTER	
149	1	PICK-UP COUNTER	
150	1	WORKTABLE	
151	1	DROP-IN SINK	
152	1	REFRIGERATED PREP TABLE	
153	1	FLOOR TRENCH	BY PC
154	1	HOT FOOD WELL TABLE	
155	1	REFRIGERATED PREP TABLE	
156	-	SPARE NUMBER	
157	-	SPARE NUMBER	
158	1	MICROWAVE	
159	1	MICROWAVE SHELF	
160	1	MOBILE WORKTABLE	
161	1	CARVING STATION	
162	1	WARMING CABINET	
163	1	STACKED COMBI OVENS	
164	1	OPEN BURNER RANGE W/ CONVECTION OVENS	
165	1	SALAMANDER BROILER	
166	1	GRIDDLE	
167	1	REFRIGERATED EQUIPMENT STAND	
168	1	CHARBROILER	
169	3	FRYERS	
170	1	EXHAUST HOOD	BY OWNER
171	1	FIRE SUPPRESSION SYSTEM	BY OWNER
172	1	REACH-IN FREEZER	
173	1	EQUIPMENT STAND	
174	1	VECTOR OVEN	EXISTING
175	-	SPARE NUMBER	
176	-	SPARE NUMBER	
177	-	SPARE NUMBER	
178	1	PASS-THRU LEDGE	BY OTHERS
179	5	SUSPENDED HEAT LAMPS	
180	-	SPARE NUMBER	
181	-	SPARE NUMBER	
182	-	SPARE NUMBER	
183	1	MOP SINK	BY PC
184	1	MOP BUCKET	
185	LOT	CHEMICAL STORAGE SHELVING	
186	-	SPARE NUMBER	
187	-	SPARE NUMBER	
188	-	SPARE NUMBER	
189	-	SPARE NUMBER	
190-199	-	SPARE NUMBER	

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
200	8	TRASH CONTAINER	
201	2	DRAINBOARD STORAGE CABINET	
202	1	SODA GUN FILLER UNIT	
203	1	SODA GUN	BY VENDOR
204	1	ICE CHEST W/ SPEED RAIL	
205	1	BLENDER STATION	
206	1	LIQUOR DISPLAY	
207	1	HAND SINK	
208	1	POS CABINET	POS SYSTEM BY OWNER
209	1	GLASS FROSTER	
210	-	SPARE NUMBER	
211	-	SPARE NUMBER	
212	-	SPARE NUMBER	
213	-	SPARE NUMBER	
214	2	DRAINBOARD STORAGE CABINET	
215	1	GLASSWASHER CHEMICAL SINK	
216	1	GLASSWASHER	BY OWNER
217	-	SPARE NUMBER	
218	2	DRAINBOARD STORAGE CABINET	
219	1	SODA GUN FILLER UNIT	
220	1	SODA GUN	BY VENDOR
221	1	ICE CHEST W/ SPEED RAIL	
222	1	BLENDER STATION	
223	1	LIQUOR DISPLAY	
224	1	HAND SINK	
225	1	POS CABINET	POS SYSTEM BY OWNER
226	1	GLASS FROSTER	
227	1	MILLWORK BAR AND DIE	BY MILLWORK
228	-	SPARE NUMBER	
229	-	SPARE NUMBER	
230	1	FLOOR TRENCH	BY PC
231	1	FLOOR TRENCH	BY PC
232	1	PASS-THRU BACKBAR COOLER	
233	1	BEER DISPENSERS AND TROUGH	
234	1	BEER DISPENSERS AND TROUGH	
235	1	PASS-THRU BACKBAR COOLER	
236	1	MILLWORK ISLAND COUNTER	BY MILLWORK
237	-	SPARE NUMBER	
238	-	SPARE NUMBER	
239	-	SPARE NUMBER	
240	-	SPARE NUMBER	
241	-	SPARE NUMBER	
242	-	SPARE NUMBER	
243	-	SPARE NUMBER	
244	-	SPARE NUMBER	
245	1	REFRIGERATED COOLER	
246	1	HAND SINK	
247	1	LIQUOR DISPLAY	
248	1	POS CABINET	POS SYSTEM BY OWNER
249	1	BLENDER STATION	
250	1	ICE CHEST W/ SPEED RAIL	
251	1	SODA GUN FILLER UNIT	
252	1	SODA GUN	BY VENDOR
253	1	DRAINBOARD STORAGE CABINET	
254	1	MILLWORK BAR AND DIE	BY MILLWORK
255	1	BOTTLE COOLER	
256	-	SPARE NUMBER	
257	-	SPARE NUMBER	
258	-	SPARE NUMBER	
259	-	SPARE NUMBER	
260-299	-	SPARE NUMBER	

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PRAIRIE PINES GOLF CLUB

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

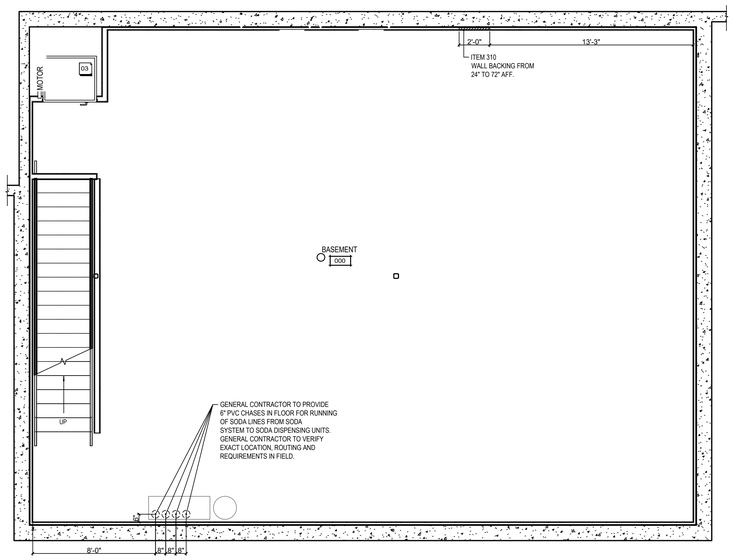
FOR FULL SCALE, THIS DOCUMENT IS TO BE PRINTED ON 30"X42" SIZE SHEET

REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE CONDITIONS PLAN

FS401



FOODSERVICE CONDITIONS PLAN

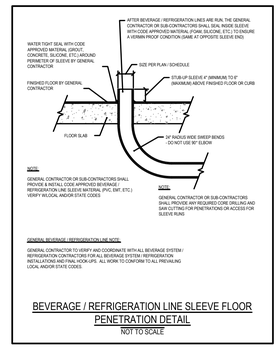
SCALE: 1/4" = 1'-0"

EQUIPMENT LIST

ITEM	QTY	DESCRIPTION	COMMENTS
300	LOT	STORAGE SHELVING	
301	1	SODA SYSTEM	BY VENDOR
302	-	SPARE NUMBER	
303	-	SPARE NUMBER	
304	-	SPARE NUMBER	
305	1	60 QUART MIXER	FUTURE
306	1	WORKTABLE	FUTURE
307	1	WORKTABLE	FUTURE
308	1	PREP TABLE W/ SINK	FUTURE
309	1	TRASH CONTAINER	FUTURE
310	1	HAND SINK	FUTURE
311	-	SPARE NUMBER	
312	-	SPARE NUMBER	
313	-	SPARE NUMBER	
314	-	SPARE NUMBER	
315	1	WALK-IN COOLER	
316	LOT	WALK-IN COOLER SHELVING	
317	1	WALK-IN FREEZER	
318	LOT	WALK-IN FREEZER SHELVING	
319	1	WALK-IN BEER COOLER	
320	LOT	WALK-IN BEER COOLER SHELVING	
321	2	KEG RACK	
322	1	POWER PAK SYSTEM	
323	-	SPARE NUMBER	
324	-	SPARE NUMBER	
325	-	SPARE NUMBER	
326	-	SPARE NUMBER	
327	-	SPARE NUMBER	
328	-	SPARE NUMBER	
329	-	SPARE NUMBER	

WALL BACKING INFORMATION

WALL BACKING MATERIAL IN WALLS WITH EXHAUST HOODS TO BE GALVANIZED STEEL. ALL OTHER WALL BACKING TO BE 3/4" PLYWOOD. ALL WALL BACKING TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. WALL BACKING TO BE INSTALLED IN STUD WALLS ONLY. WALL BACKING TO BE INSTALLED BEHIND FACE OF METAL STUDS.



BEVERAGE / REFRIGERATION LINE SLEEVE FLOOR PENETRATION DETAIL

NOT TO SCALE

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PRAIRIE PINES GOLF CLUB BASEMENT

PROJECT NUMBER: 23-072 25

PROJECT TEAM:

PROJECT MANAGER: SCOTT MORRICAL
PROJECT COORDINATOR: MAURA DOUGLAS
CAD/REVIT DESIGNER: JESSE PROVOST

ISSUE DATE: 02/09/2024

FOR FULL SCALE, THIS DOCUMENT IS TO BE PRINTED ON 30"X42" SIZE SHEET

REVISIONS

NO.	DATE	DESCRIPTION

FOODSERVICE CONDITIONS PLAN

FS402

Exhibit E: Developer's Agreement

vierbicher
planners | engineers | advisors

600 W. Virginia Street, Suite 601
Milwaukee, Wisconsin 53204
(262) 875-5000 phone
www.vierbicher.com

DEVELOPER AGREEMENT
Prairie Pine Golf Club
Town of Bristol, Dane County, Wisconsin

THIS AGREEMENT made and entered into this 19th day of April, 2024, by and between the Town of Bristol, a body corporate and politic (hereinafter described as the "Town"), and PAC Acquisitions LLC, a Wisconsin limited liability company (hereinafter referred to as "Developer").

WITNESSETH:

The Developer is the owner of the land located in the West ½ of the NE 1/4m the East ½ of the NW ¼; and the East 10 acres of the West ½ if the NW ¼ in Section 30, 79N RIIE, located within the Town of Bristol, Dane County, Wisconsin, on which the Developer is developing a golf clubhouse, restaurant, and event space (the "Clubhouse Development").

On April 8, 2024, the Town Boad approved a General Development Plan (GPD) for the Clubhouse Development.

The Developer is requesting review and approval of the Clubhouse Development Specific Implementation Plan (SIP) from the Town Board May 13, 2024.

The Town Board approval shall include the terms of this agreement.

NOW, THEREFORE, it is understood and agreed as follows:

SECTION I
AUTHORIZATION FOR OCCUPANCY PERMIT

The Town Building Inspector is authorized to issue an occupancy permit for those permanent improvements completed in accordance with all applicable laws and permits prior to the completion of the landscaping and stormwater basin serving the Clubhouse Development.

SECTION II
COMPLETION OF REQUIRED IMPROVEMENTS

A. Developer shall complete all landscaping improvements in accordance with the landscape plans approved by the Town not later than 90-days after issuance of any occupancy permit for the Clubhouse Development.

B. Developer shall complete the stormwater facilities serving the Clubhouse Development as outlined in the Town Site plan submittals no later than 90-days after issuance of any occupancy permit for the Clubhouse Development.

SECTION III
FINANCIAL GUARANTEES:

A. The Developer shall deposit the sum of $0.00 to guarantee the satisfactory completion thereof.

SECTION IV
DEFAULT AND REMEDIES UPON DEFAULT

A. The following shall constitute a default by the Developer under this Agreement:
   1. Developer or its general contractor disregards or otherwise violates any Statutes, Ordinances, regulations, orders, or instructions of the Town or any of its employees, agents or commissions that are applicable under this Agreement;

   2. Failure of performance by Developer or Developer's contractor or subcontractors to complete any of the work within the time required under this Agreement, or the failure to promptly correct any defect in such improvements arising within 1 year after acceptance thereof by the Town;

B. Upon the occurrence of default as defined herein, and without prejudice to any other right or remedy of the Town, including the right to damages, the Town shall give the Developer Thirty (30) days' writing notice and opportunity to cure. If the nature of the default is such that it cannot reasonably be cured within thirty (30) days, and provided that the Developer has immediate commenced and diligently continues all reasonable efforts to cure the default, the thirty (30) day cure period shall be extended for such time as is reasonably necessary to accomplish a cure, but in no event longer than sixty (60) days from the date of the notice. Notwithstanding the foregoing, the Town shall not be required to give notice and an opportunity to cure if the Town Engineer determines that the continuation of the default creates a significant risk to public health or safety. If the default identified in a notice is not cured to the Town's sole satisfaction within the permitted time, or is not subject to an opportunity to cure, the Town may enter the Clubhouse Development and finish the work by whatever method the Town may deem expedient. Developer shall pay the Town the entire cost of completion of the work to cover the entire cost of completion.

C. In addition to the foregoing remedies, if it is determined by the Town Board that the Developer is in default of this Agreement during installation of the improvements, the Town may issue a cease and desist order, stopping all activities until the issue(s), in the sole opinion of the Board, have been satisfactorily addressed.

SECTION V
GENERAL CONDITIONS AND REGULATIONS

A. **SIP:** All the provisions of the Clubhouse Development SIP are incorporated herein by reference, and all such provisions shall bind the parties hereto and be a part of this Agreement as fully as if set forth at length herein.

B. **Compliance with Laws and Plans.** This Agreement and all work and improvements required hereunder shall be performed and carried out in strict accordance with and subject to the provisions of said SIP state and federal laws and regulations and all approved plans.

C. **Site Plan Approval.** All conditions and requirements imposed by the Town as part of the approval for the site plan of the Clubhouse Development shall remain in effect.

SECTION VI
MISCELLANEOUS PROVISIONS

A. Amendment. This Agreement may be amended by the Town and the Developer only by written agreement.

B. Notices. Unless otherwise stated in this Agreement, the delivery of all notices and correspondence shall only be effective upon being delivered personally, sent by prepaid United States Postal Service certified mail with return receipt requested, sent by facsimile with transmission confirmation, or sent by electronic mail with return receipt requested, to all parties as follows:

TO TOWN:
Town Clerk
7747 County Road N
Sun Prairie, WI 53590

TO DEVELOPER:
Pete Simon
PAC Acquisitions, LLC
1010 N. Bird Street
Sun Prairie, WI 53590

All notices shall be considered to have been delivered at the time such notices are personally delivered to each party, or three (3) days after the date of postmark on any prepaid certified letter, facsimile transmission, or electronic mail. Parties to this Agreement shall give fifteen (15) days' notice of any change of mailing address, telephone or facsimile number, or electronic mail address. Failure to provide said notice may constitute a default by the party.

C. **No Vested Rights.** Except as provided by law, or as expressly provided in this Agreement, no vested right in connection with this project shall inure to the Developer. The Town does not warranty by this Agreement that the Developer is entitled to any required approvals.

D. **Binding Effect.** This Agreement shall run with the land and shall be binding upon the Developer, its grantees, personal representatives, heirs, successors, and assigns.

E. **Severability.** If any part, term, or provision of this Agreement is held to be illegal or otherwise unenforceable by a court of competent jurisdiction, such illegality or unenforceability shall not affect the validity of any other party, term or provision of this Agreement, and the rights of the parties will be construed as if the part, term, or provision was never part of the Agreement.

F. **Entire Agreement**. This Agreement embodies the entire agreement between the Town and Developer as to the subject matter hereof and supersedes all prior agreements and understandings relating thereto.

G. **Interpretation.** This Agreement shall be construed without regard to the identity of the party who drafted the various provisions. Moreover, each and every provision of this Agreement shall be construed as though all parties to this Agreement participated equally in its drafting. As a result of the foregoing, any rule of construction that the document is to be construed against the drafting party shall not be applicable to this Agreement.

H. **Counterparts.** This Agreement may be executed in multiple counterparts and upon execution and delivery by each of the parties hereto shall constitute on and the same enforceable agreement.

I. **Attorney Fees.** If the Town is required to resort to litigation or arbitration to enforce the terms of this Agreement, and if the Town prevails in the litigation or arbitration, the Developer shall pay all Town costs, including reasonable attorney fees and expert witness fees. If the court or arbitrator awards relief to both parties, each will bear its own costs in their entirety.

J. **Third Party Beneficiaries.** This Agreement governs the rights and obligations of the Town and the Developer with respect to the subject matter hereof. Nothing in this Agreement is intended, nor shall be construed, to create any right in any person or entity that is not a party to this Agreement.

K. **Authority Of Signatories.** The Developer warrants and represents that the individual signing this Agreement on behalf of Developer is duly authorized, in the capacity indicated in the signature blocks forming a part of this Agreement, to sign this Agreement on behalf of Developer and such signature are sufficient to bind Developer hereto. The individual so signing makes the same warranties and representations in his or her individual capacity.

TOWN OF BRISTOL

_____
Kory Anderson, Zoning Administrator

PAC ACQUISITIONS, LLC

_____
Pete Simon