

HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START
(C77814000)

HILLSBOROUGH COUNTY BOARD
OF COUNTY COMMISSIONERS

KEN HAGAN
PAT KEMP
LESLEY "LES" MILLER, JR.
SANDRA L. MURMAN
KIMBERLY OVERMAN
MARIELLA SMITH
STACY R. WHITE

WILDERARCHITECTURE, INC.

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wilderarchitecture.com

AA26000655

WILDERARCHITECTURE, INC.

PROJECT TEAM

CIVIL ENGINEERING
CAMPO ENGINEERING, INC.

STRUCTURAL ENGINEERING
MASTER CONSULTING
ENGINEERS

MECHANICAL / ELECTRICAL
ENGINEERING
ANSTON-GREENLEES, INC.

HILLSBOROUGH COUNTY BOARD
OF COUNTY COMMISSIONERS
COUNTY CENTER
601 E KENNEDY BLVD
TAMPA, FL 33601

HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START

PROJECT #: 2010-00

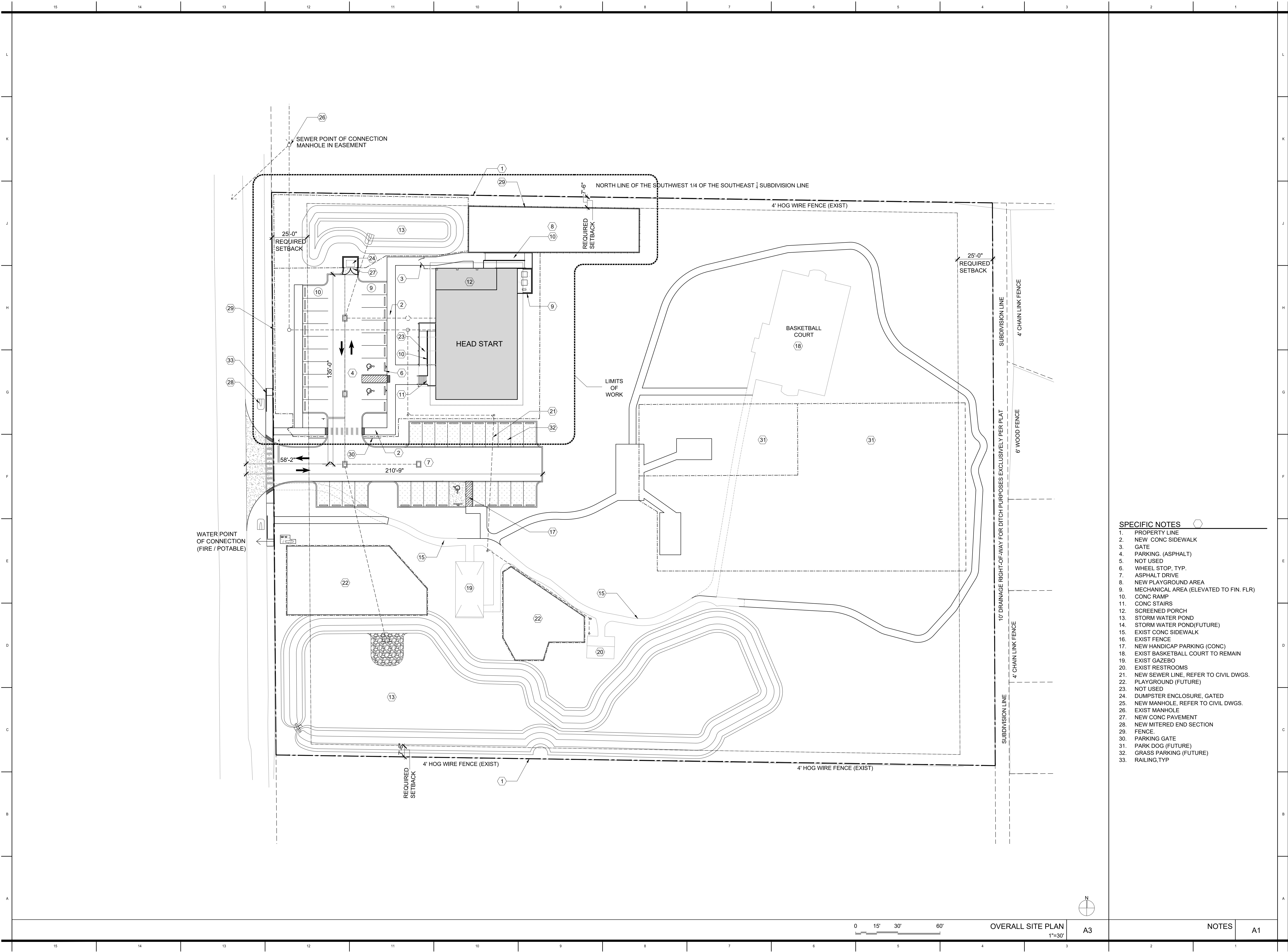
PERMIT SET

12.21.2020



A0.1

A1



- SPECIFIC NOTES**
1. PROPERTY LINE
 2. NEW CONC SIDEWALK
 3. GATE
 4. PARKING, (ASPHALT)
 5. NOT USED
 6. WHEEL STOP, TYP.
 7. ASPHALT DRIVE
 8. NEW PLAYGROUND AREA
 9. MECHANICAL AREA (ELEVATED TO FIN. FLR)
 10. CONC RAMP
 11. CONC STAIRS
 12. SCREENED PORCH
 13. STORM WATER POND
 14. STORM WATER POND(FUTURE)
 15. EXIST CONC SIDEWALK
 16. EXIST FENCE
 17. NEW HANDICAP PARKING (CONC)
 18. EXIST BASKETBALL COURT TO REMAIN
 19. EXIST GAZEBO
 20. EXIST RESTROOMS
 21. NEW SEWER LINE, REFER TO CIVIL DWGS.
 22. PLAYGROUND (FUTURE)
 23. NOT USED
 24. DUMPSTER ENCLOSURE, GATED
 25. NEW MANHOLE, REFER TO CIVIL DWGS.
 26. EXIST MANHOLE
 27. NEW CONC PAVEMENT
 28. NEW MITTERED END SECTION
 29. FENCE
 30. PARKING GATE
 31. PARK DOG (FUTURE)
 32. GRASS PARKING (FUTURE)
 33. RAILING, TYP

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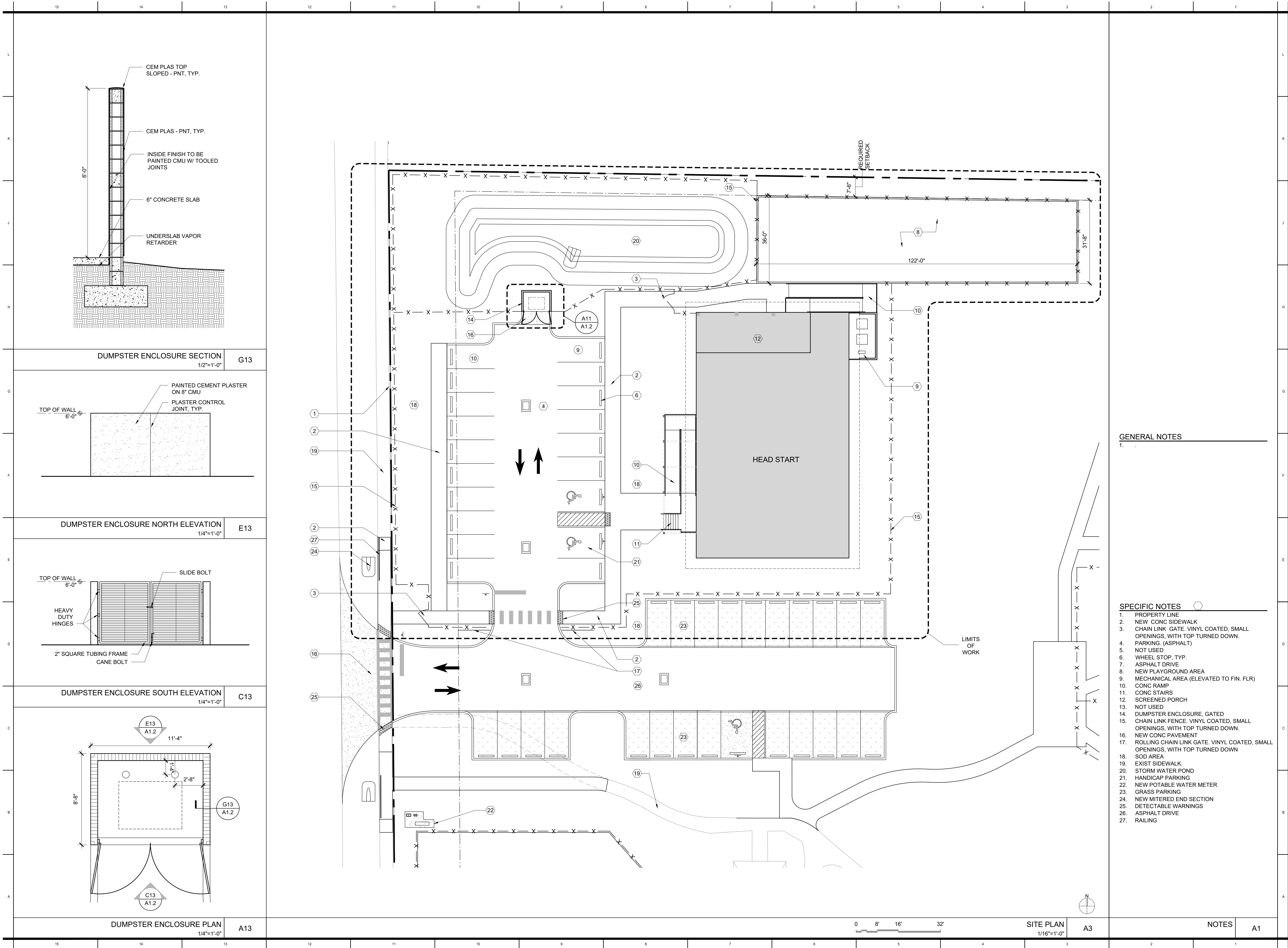
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**HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START**

PROJECT #: 2010-00	
DISTRIBUTION	DATE
SCHEMATIC DESIGN	05.01.2020
DESIGN DEVELOPMENT	06.11.2020
90% CONST DOCS	08.19.2020
PERMIT SET	12.21.2020

**OVERALL
SITE PLAN**

A1.1



GENERAL NOTES

1.

SPECIFIC NOTES

1. PROPERTY LINE
2. NEW CONC SIDEWALK
3. CHAIN LINK GATE, VINYL COATED, SMALL OPENINGS, WITH TOP TURNED DOWN.
4. PARKING, (ASPHALT)
5. NOT USED
6. WHEEL STOP, TYP.
7. ASPHALT DRIVE
8. NEW PLAYGROUND AREA
9. MECHANICAL AREA (ELEVATED TO FIN. FLR)
10. CONC RAMP
11. CONC STAIRS
12. SCREENED PORCH
13. NOT USED
14. DUMPSTER ENCLOSURE, GATED
15. CHAIN LINK FENCE, VINYL COATED, SMALL OPENINGS, WITH TOP TURNED DOWN.
16. NEW CONC PAVEMENT
17. ROLLING CHAIN LINK GATE, VINYL COATED, SMALL OPENINGS, WITH TOP TURNED DOWN
18. SOD AREA
19. EXIST SIDEWALK
20. STORM WATER POND
21. HANDICAP PARKING
22. NEW POTABLE WATER METER
23. GRASS PARKING
24. NEW MITERED END SECTION
25. DETECTABLE WARNINGS
26. ASPHALT DRIVE
27. RAILING

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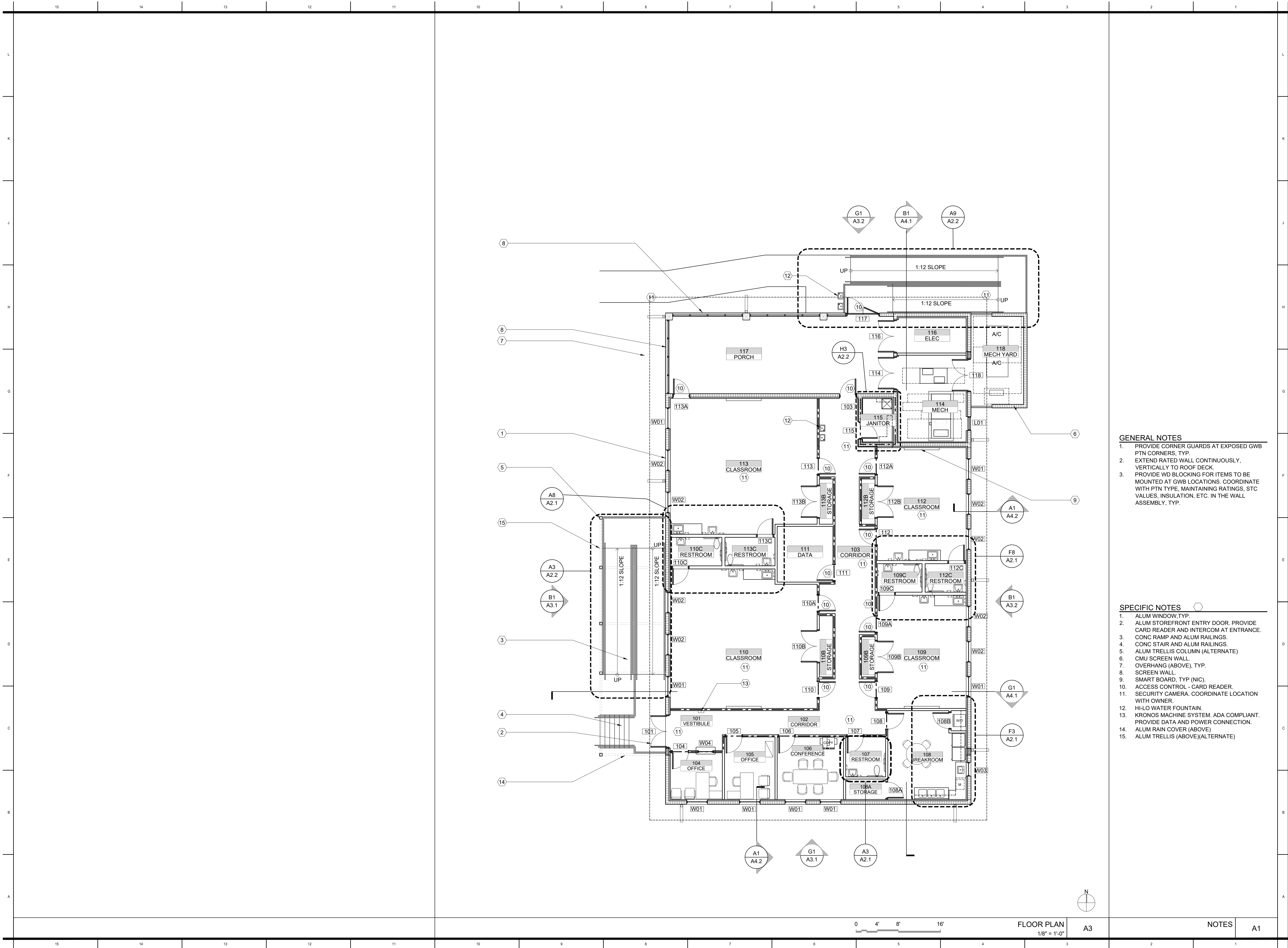
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SITE PLAN

A1.2



- GENERAL NOTES**
1. PROVIDE CORNER GUARDS AT EXPOSED GWB PTN CORNERS, TYP.
 2. EXTEND RATED WALL CONTINUOUSLY, VERTICALLY TO ROOF DECK.
 3. PROVIDE WD BLOCKING FOR ITEMS TO BE MOUNTED AT GWB LOCATIONS. COORDINATE WITH PTN TYPE, MAINTAINING RATINGS, STC VALUES, INSULATION, ETC. IN THE WALL ASSEMBLY, TYP.

- SPECIFIC NOTES**
1. ALUM WINDOW, TYP.
 2. ALUM STOREFRONT ENTRY DOOR. PROVIDE CARD READER AND INTERCOM AT ENTRANCE.
 3. CONC RAMP AND ALUM RAILINGS.
 4. CONC STAIR AND ALUM RAILINGS.
 5. ALUM TRELLIS COLUMN (ALTERNATE)
 6. CMU SCREEN WALL.
 7. OVERHANG (ABOVE), TYP.
 8. SCREEN WALL.
 9. SMART BOARD, TYP (NIC).
 10. ACCESS CONTROL - CARD READER.
 11. SECURITY CAMERA. COORDINATE LOCATION WITH OWNER.
 12. HI-LO WATER FOUNTAIN.
 13. KRONOS MACHINE SYSTEM. ADA COMPLIANT. PROVIDE DATA AND POWER CONNECTION.
 14. ALUM RAIN COVER (ABOVE)
 15. ALUM TRELLIS (ABOVE)(ALTERNATE)

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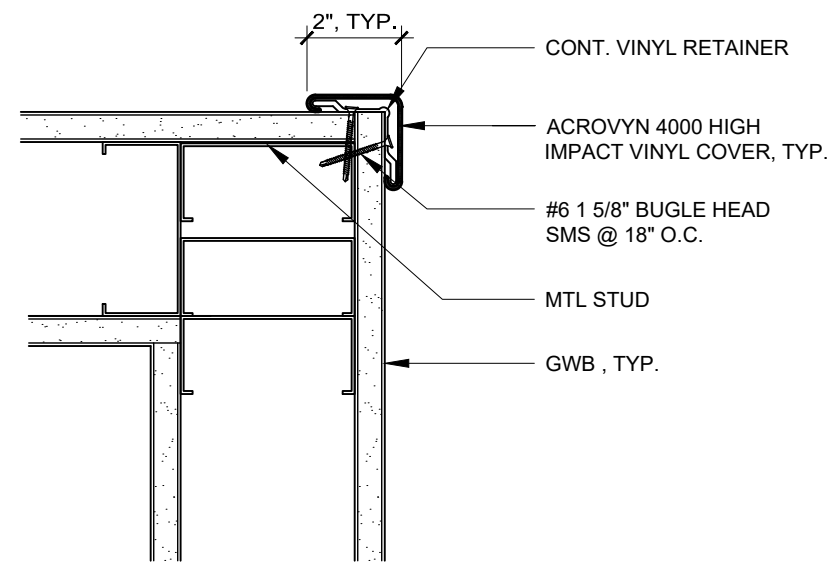
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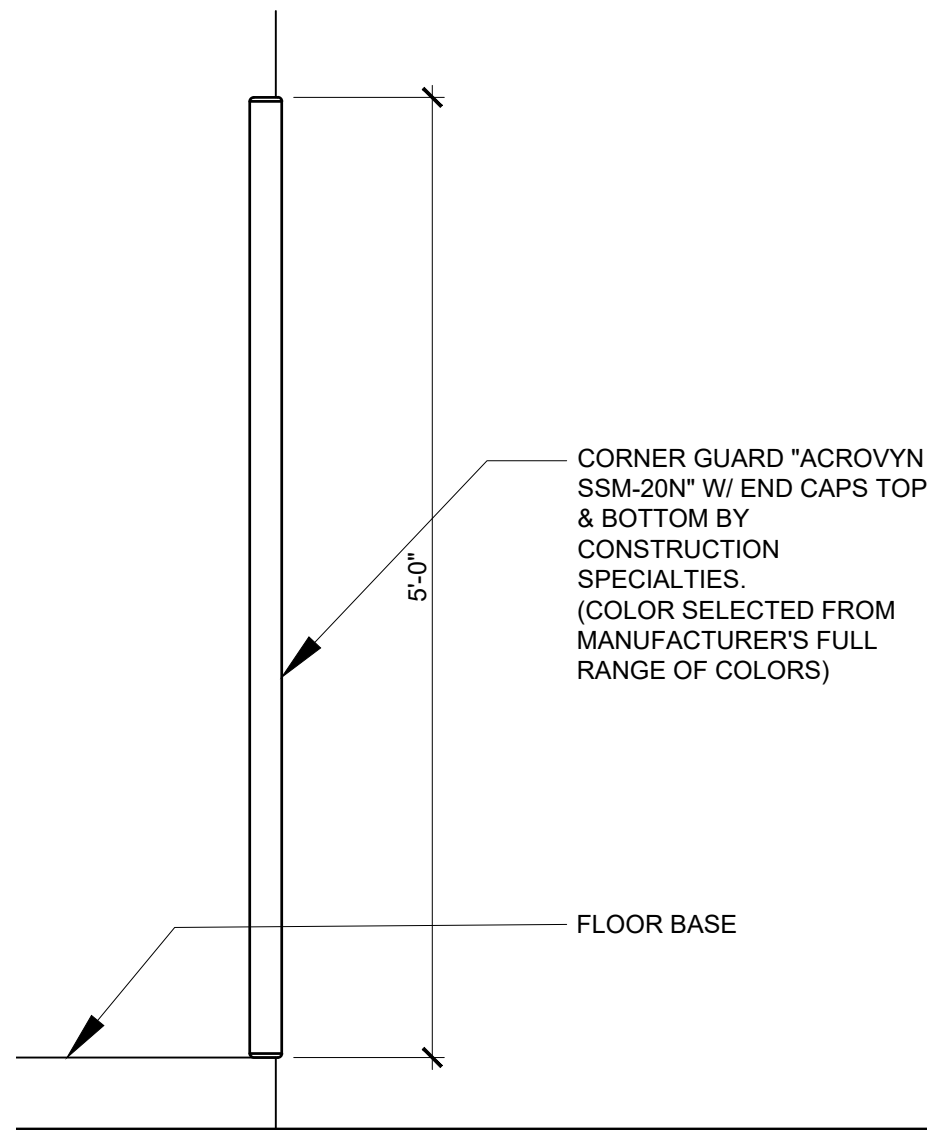
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FLOOR PLAN

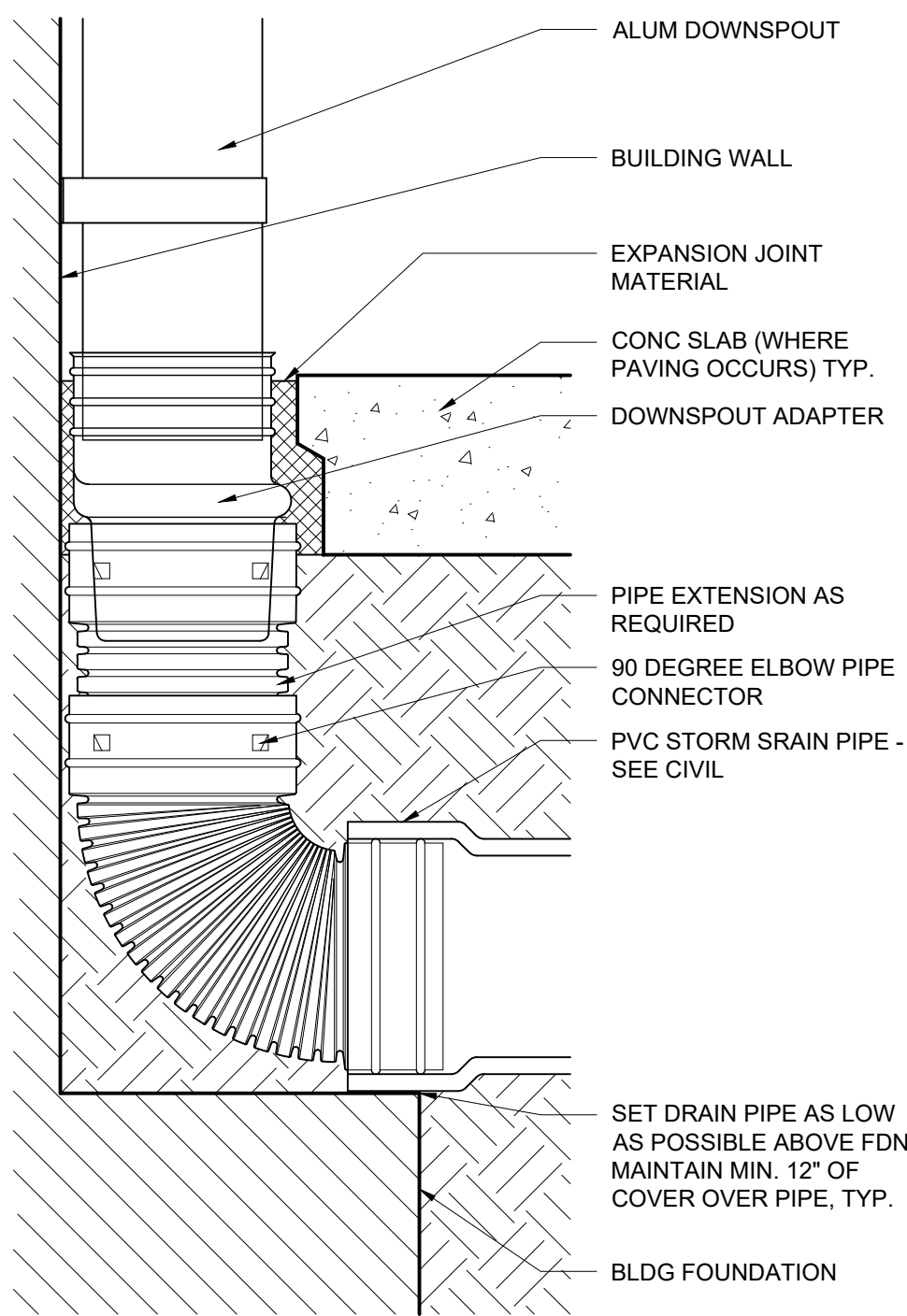
A1.3



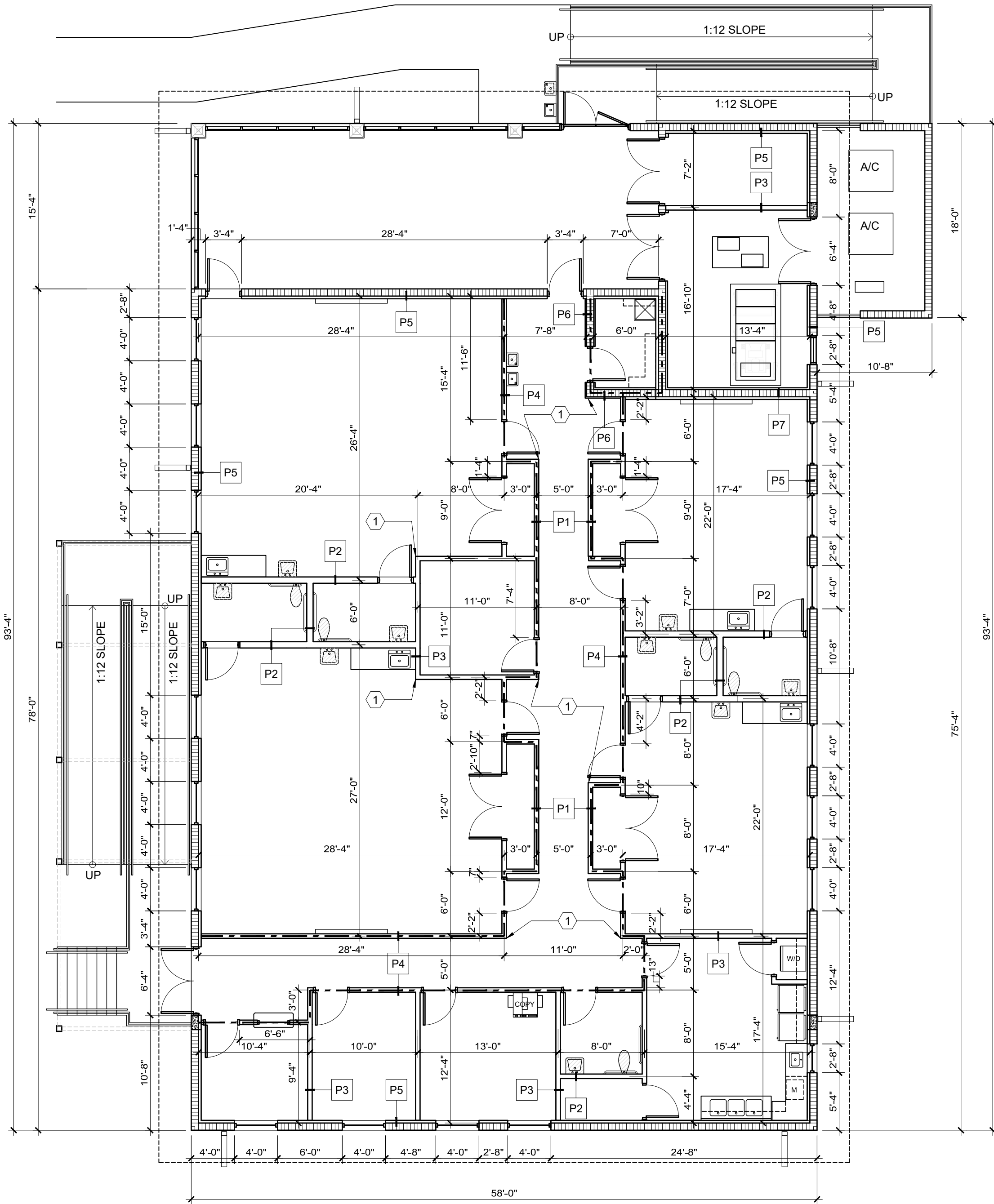
CORNER GUARD DETAIL
3" = 1'-0" J11



CORNER GUARD ELEVATION
1" = 1'-0" E11



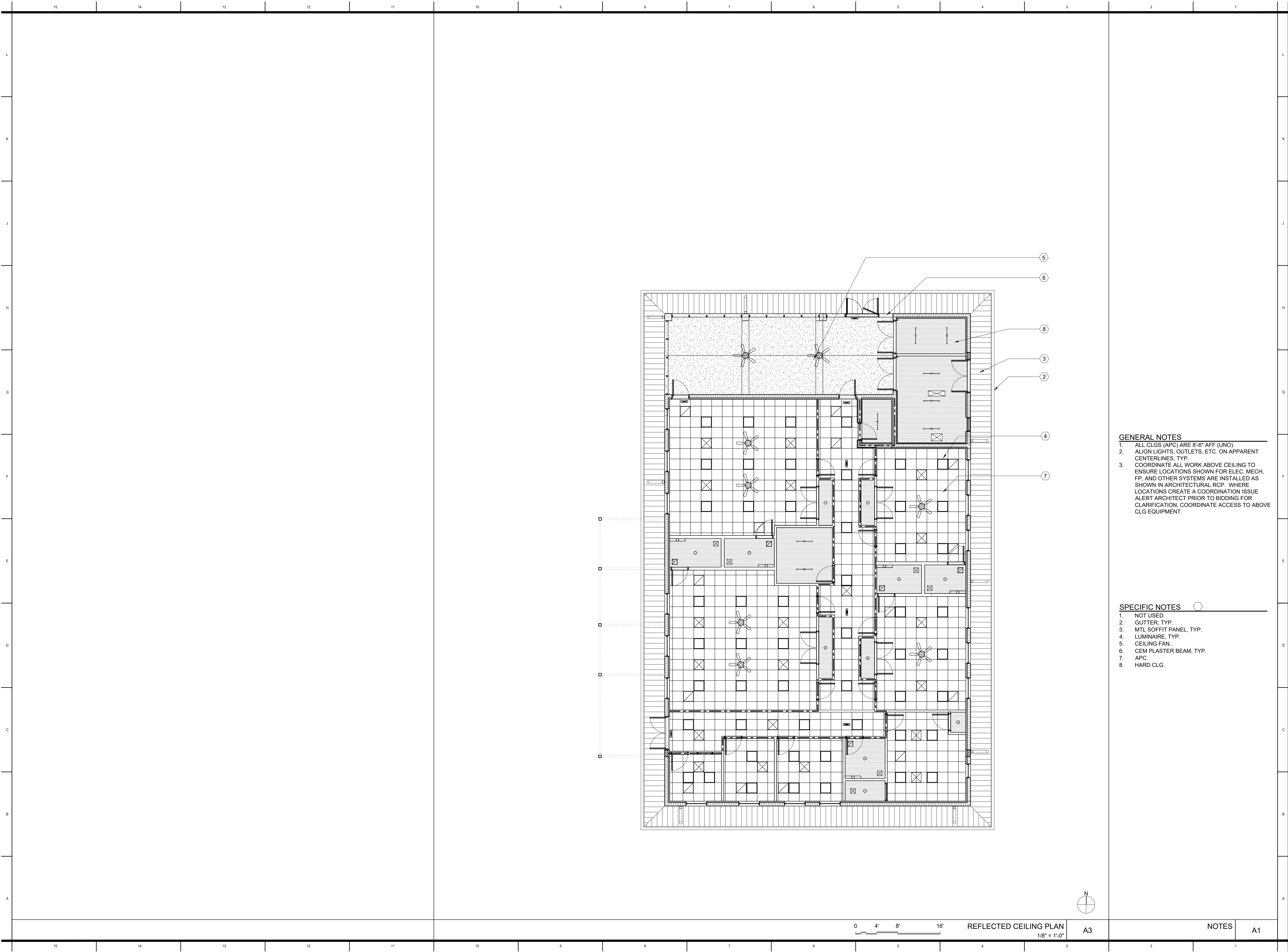
DOWNSPOUT CONNECTION
3" = 1'-0" A11



DIMENSION PLAN
1/8" = 1'-0" A3

- GENERAL NOTES**
1. PROVIDE CORNER GUARDS AT EXPOSED GWB CORNERS, TYP.
 2. EXTEND RATED WALL CONTINUOUSLY, VERTICALLY TO ROOF DECK.
 3. PROVIDE WD BLOCKING FOR ITEMS TO BE MOUNTED AT GWB LOCATIONS. COORDINATE WITH PTN TYPE, MAINTAINING RATINGS, STC VALUES, INSULATION, ETC. IN THE WALL ASSEMBLY, TYP.

- SPECIFIC NOTES**
1. CORNER GUARD, TYP. SEE DETAILS E11/A1.4 AND J11/A1.4.



- GENERAL NOTES**
1. ALL CLGS (APC) ARE 8'-6" AFF (UNO).
 2. ALIGN LIGHTS, OUTLETS, ETC. ON APPARENT CENTERLINES, TYP.
 3. COORDINATE ALL WORK ABOVE CEILING TO ENSURE LOCATIONS SHOWN FOR ELEC, MECH, FP, AND OTHER SYSTEMS ARE INSTALLED AS SHOWN IN ARCHITECTURAL RCP. WHERE LOCATIONS CREATE A COORDINATION ISSUE ALERT ARCHITECT PRIOR TO BIDDING FOR CLARIFICATION, COORDINATE ACCESS TO ABOVE CLG EQUIPMENT.

- SPECIFIC NOTES**
1. NOT USED.
 2. GUTTER, TYP.
 3. MTL SOFFIT PANEL, TYP.
 4. LUMINAIRE, TYP.
 5. CEILING FAN.
 6. CEM PLASTER BEAM, TYP.
 7. APC
 8. HARD CLG.

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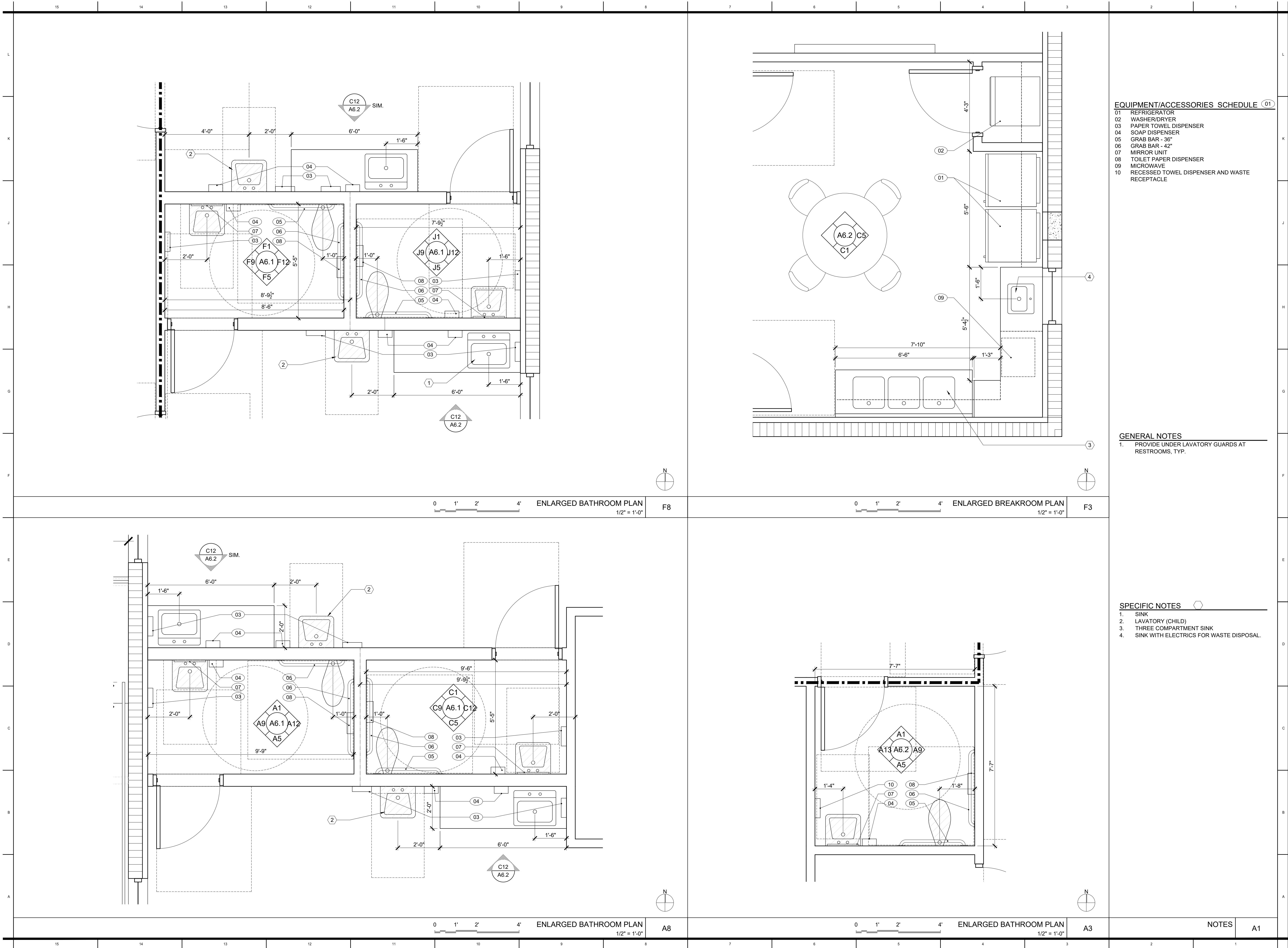
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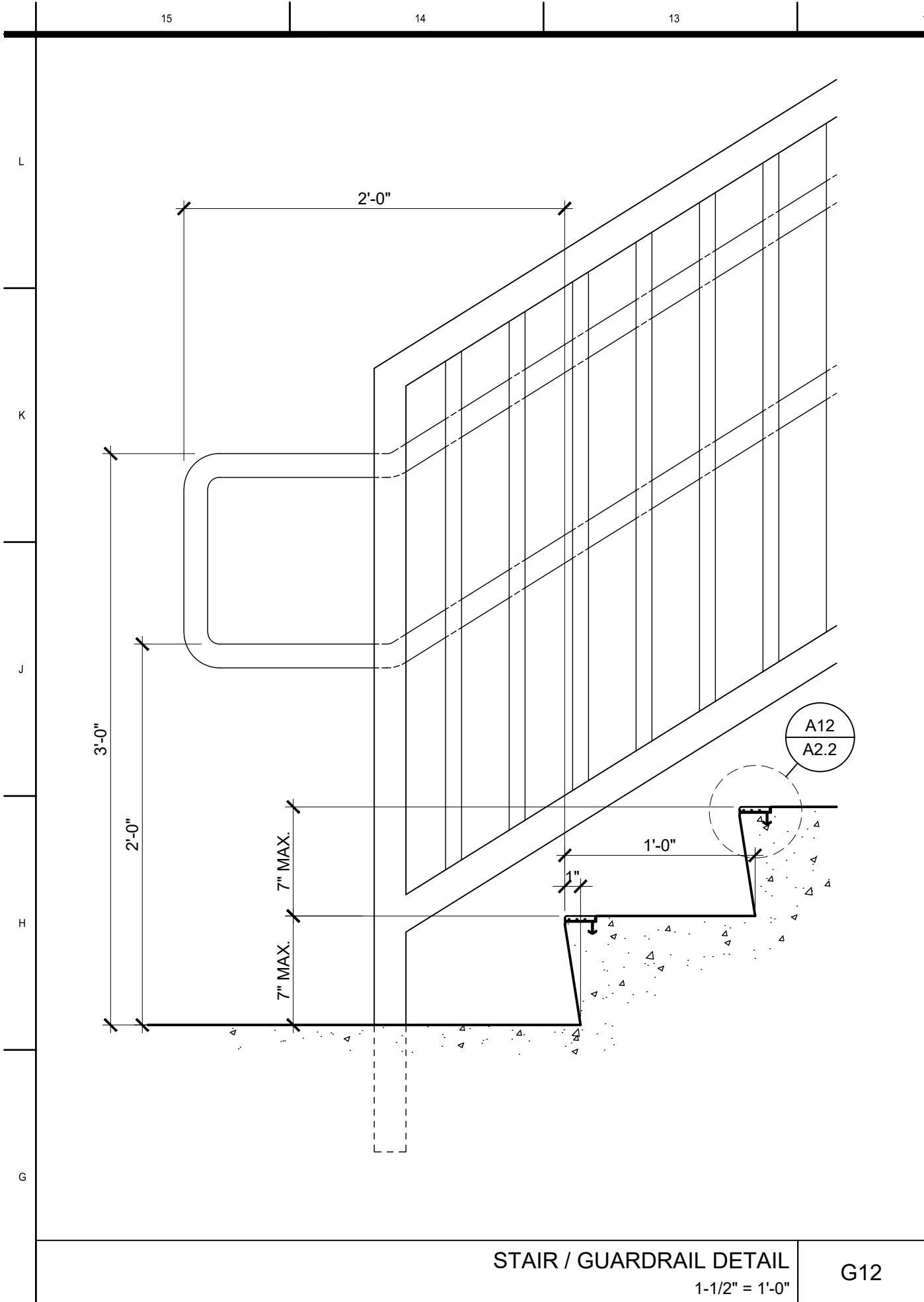
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DISTRIBUTION
DESIGN DEVELOPMENT
90% CONST DOCS
PERMIT SET

DATE
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08.19.2020
12.21.2020

REFLECTED
CEILING PLAN

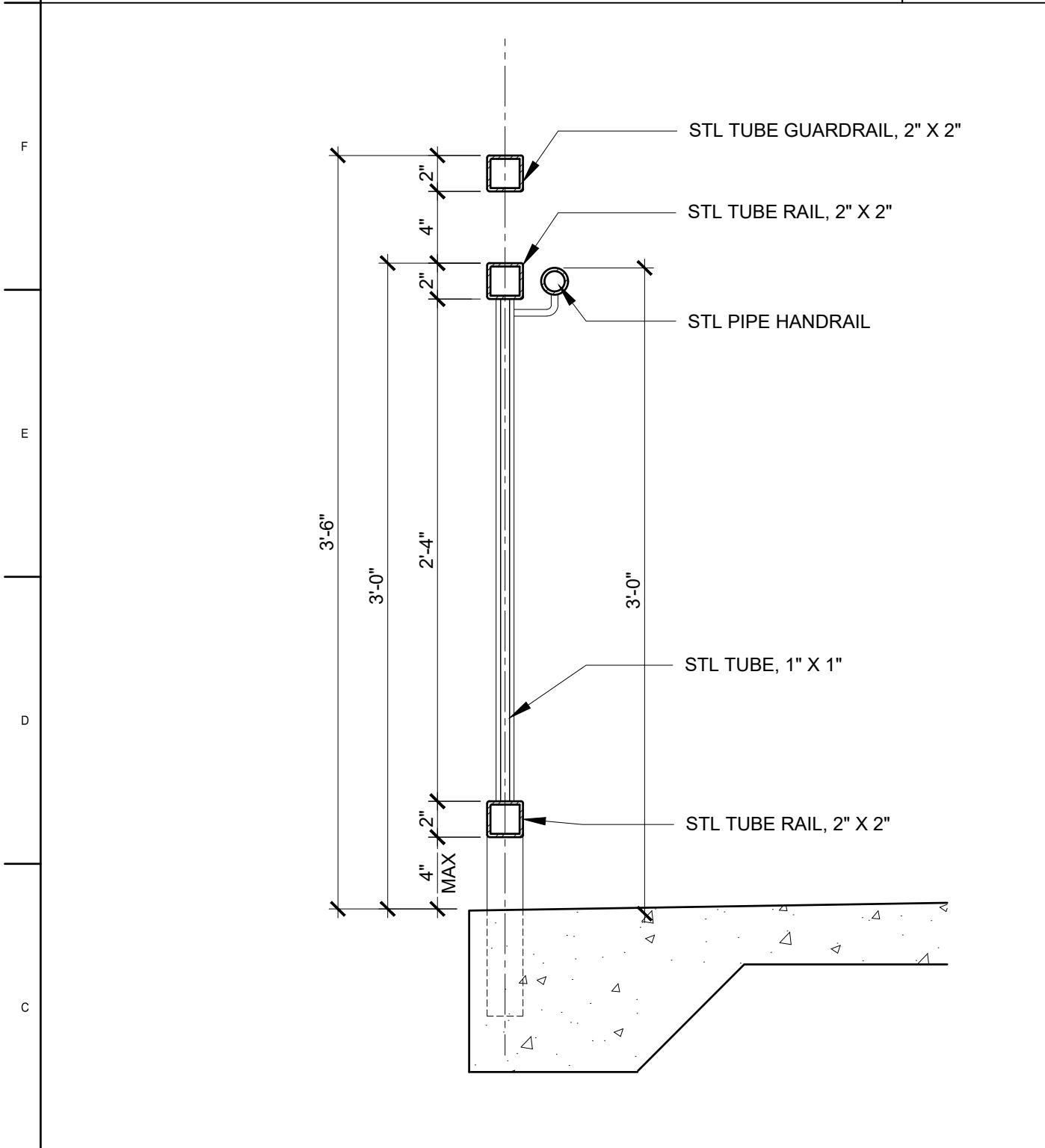
A1.5





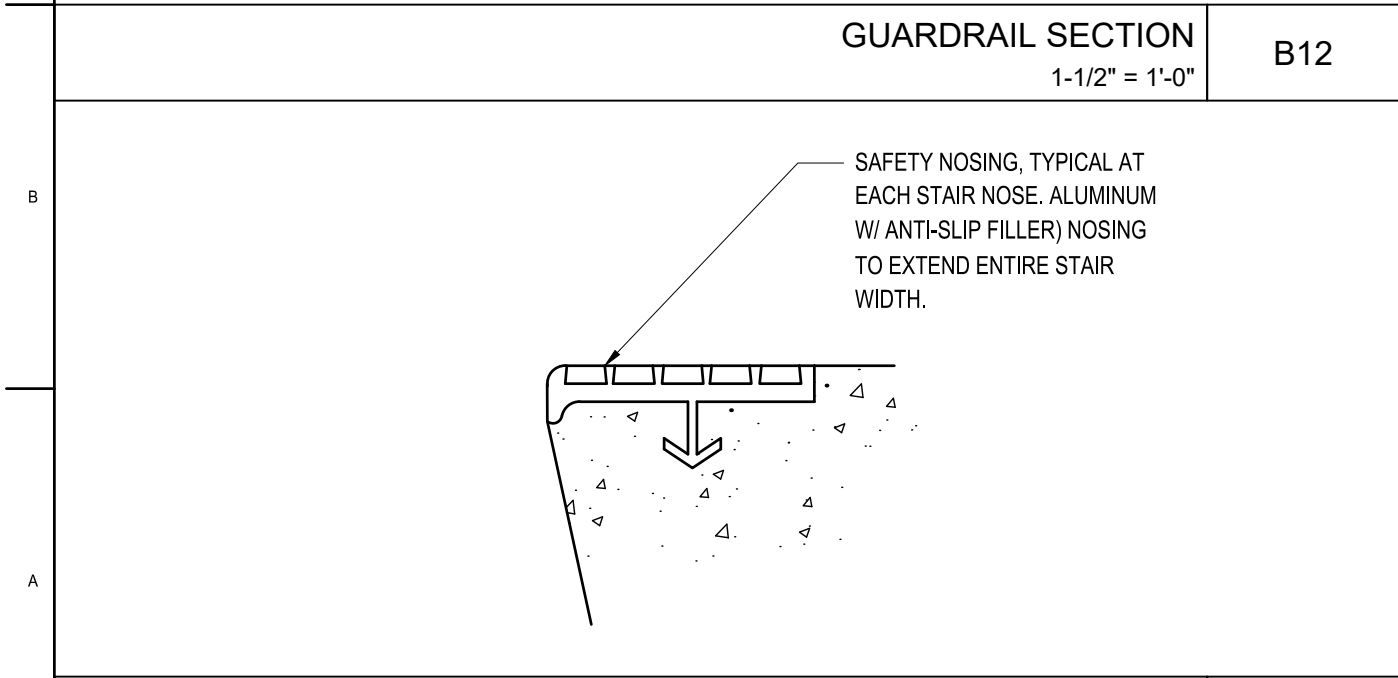
STAIR / GUARDRAIL DETAIL
1-1/2" = 1'-0"

G12



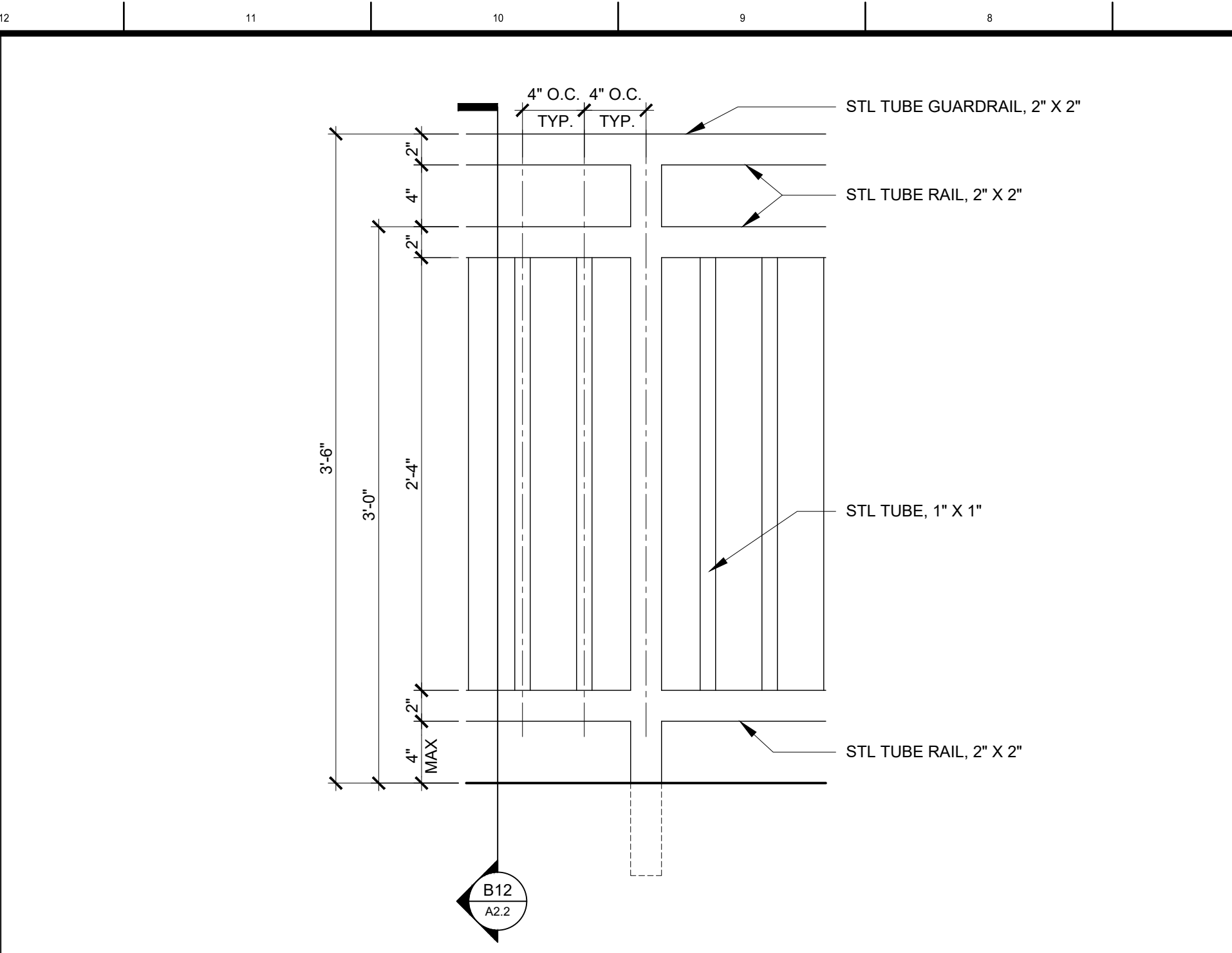
GUARDRAIL SECTION
1-1/2" = 1'-0"

B12



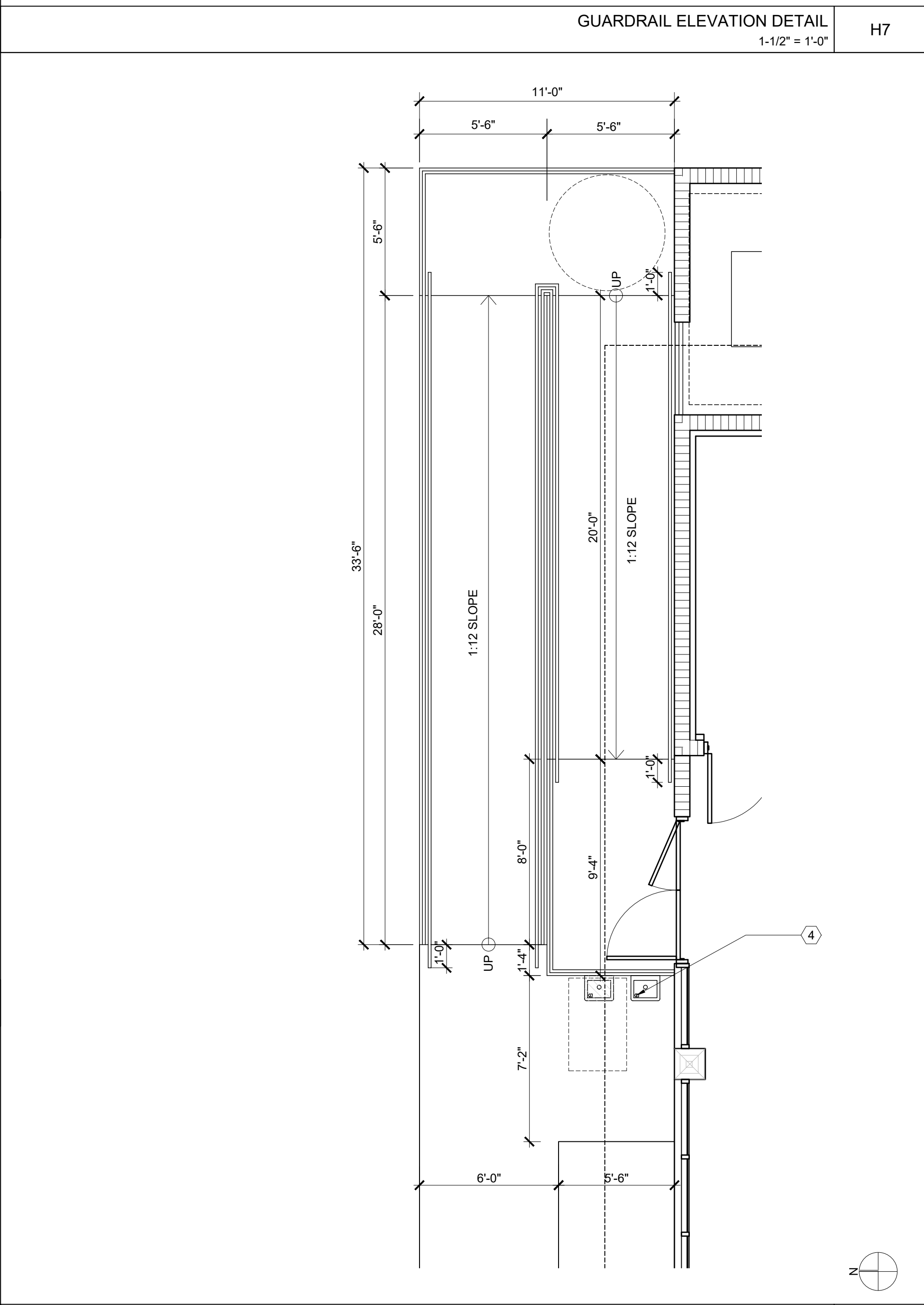
STAIR NOSING DETAIL
N.T.S.

A12



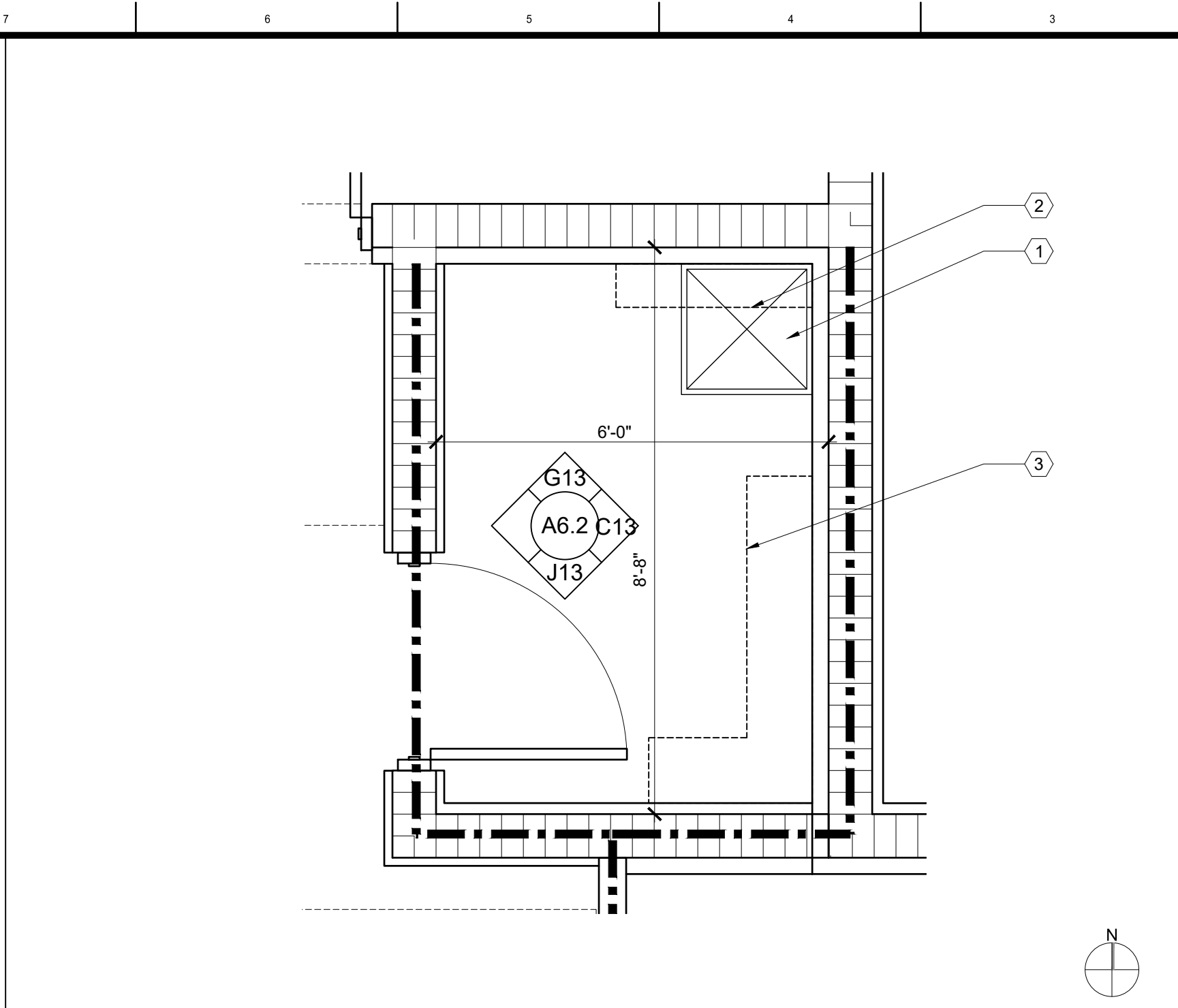
GUARDRAIL ELEVATION DETAIL
1-1/2" = 1'-0"

H7



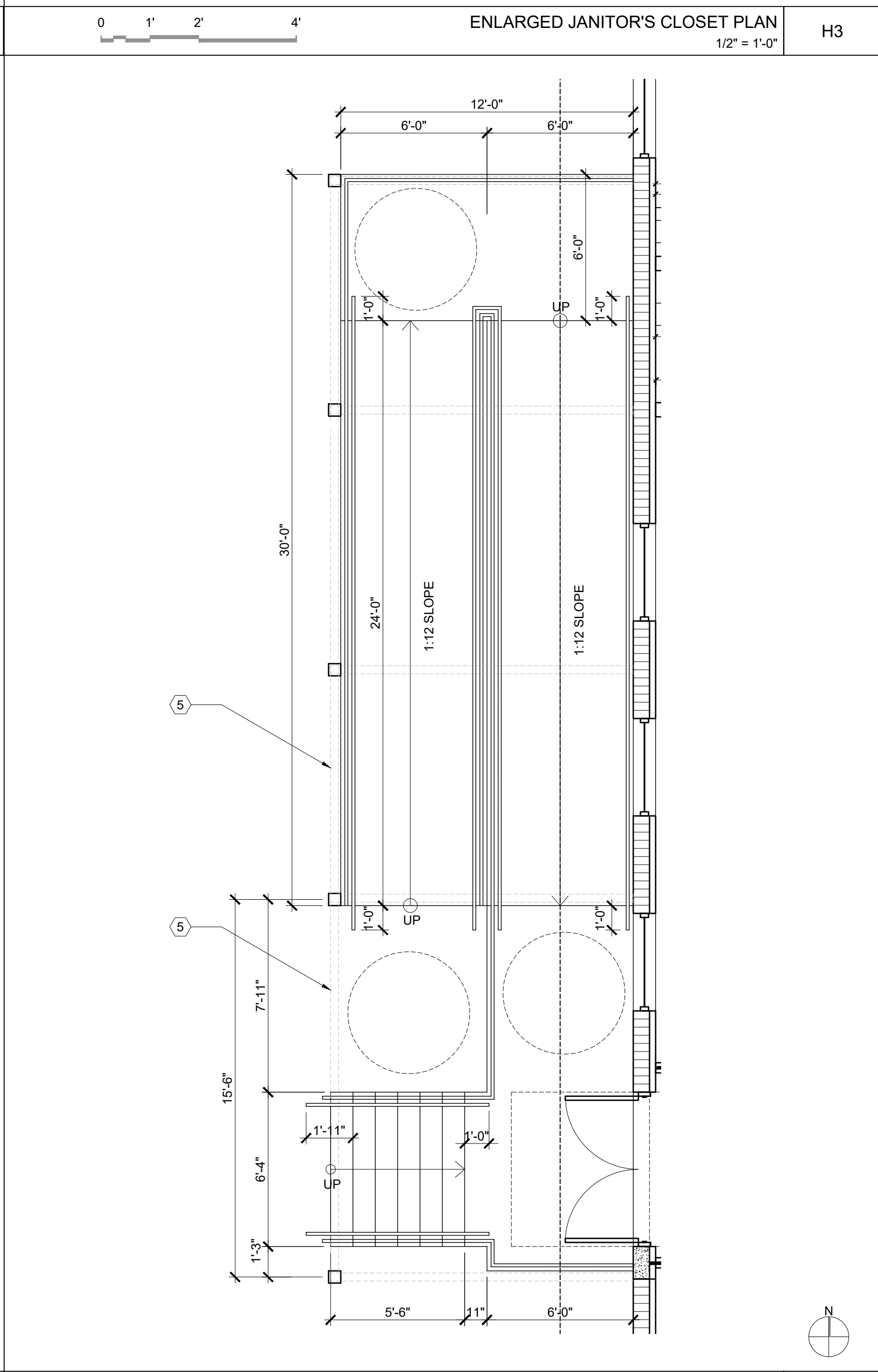
ENLARGED ACCESSIBILITY RAMP PLAN
1/4" = 1'-0"

A9



ENLARGED JANITOR'S CLOSET PLAN
1/2" = 1'-0"

H3



ENLARGED ACCESSIBILITY RAMP PLAN
1/4" = 1'-0"

A3

SPECIFIC NOTES

1. SERVICE SINK
2. MOP HOLDER
3. 12" DEEP SHELVE
4. HI-LO WATER FOUNTAIN
5. ALUM RAIN COVER (ABOVE)
6. ALUM TRELLIS (ABOVE)(ALTERNATE)

NOTES

A1

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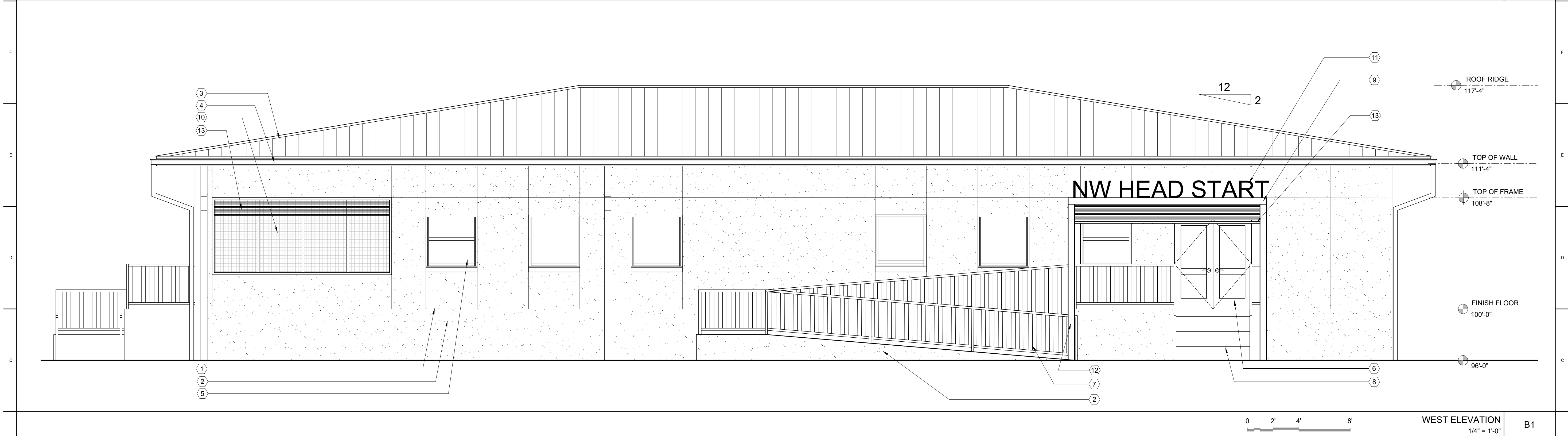
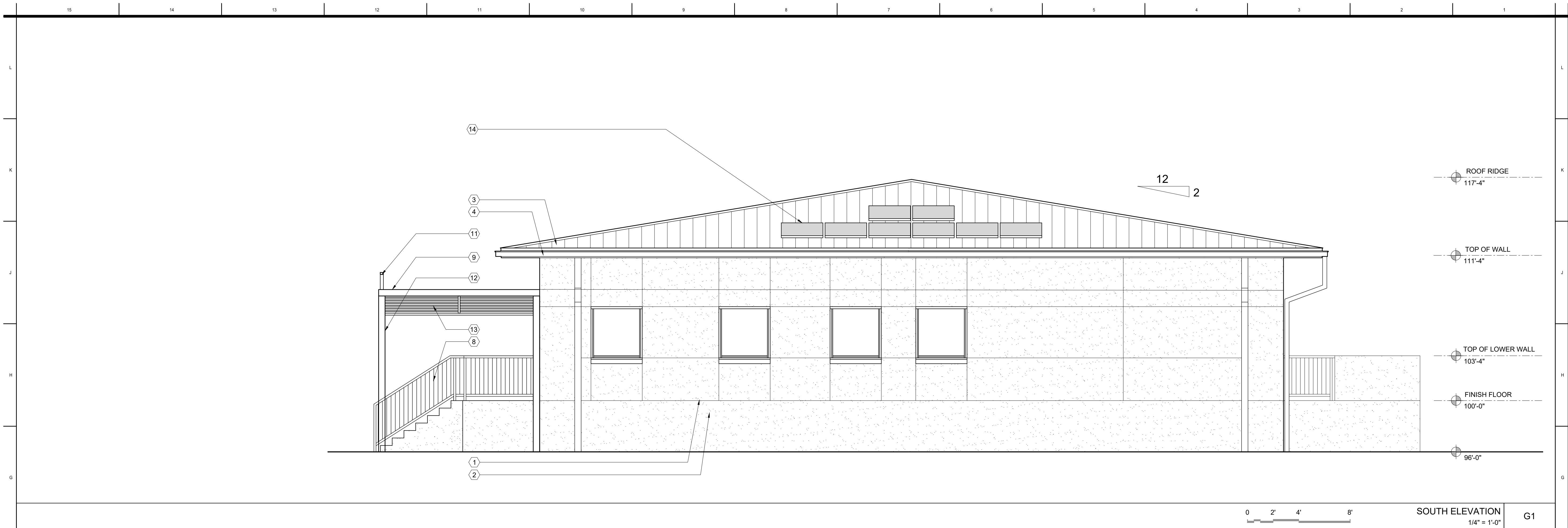
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ENLARGED PLANS

A2.2



- SPECIFIC NOTES**
1. PLASTER CONTROL JOINT, TYP.
 2. CEM PLAS - PNT, TYP.
 3. STANDING SEAM MTL ROOF SYSTEM, TYP.
 4. PRE-FINISHED ALUM GUTTER & DOWNSPOUT, TYP.
 5. ALUM WINDOW, TYP.
 6. ALUM STOREFRONT ENTRY DOOR
 7. CONC RAMP AND ALUM RAILINGS.
 8. CONC STAIR AND ALUM RAILINGS.
 9. ALUM RAIN COVER.
 10. SCREEN WALL.
 11. CUT ALUM SIGNAGE.
 12. ALUM COLUMN.
 13. ALUM LOUVER PANEL.
 14. SOLAR PANELS, TYP.(ALTERNATE) (REFER TO E-SERIES).

- GENERAL NOTES**
1. EXT OPENINGS (WINDOWS, DOORS, LOUVERS, ETC.) SHALL BE IMPACT RESISTANT, TYP.

NOTES

A1

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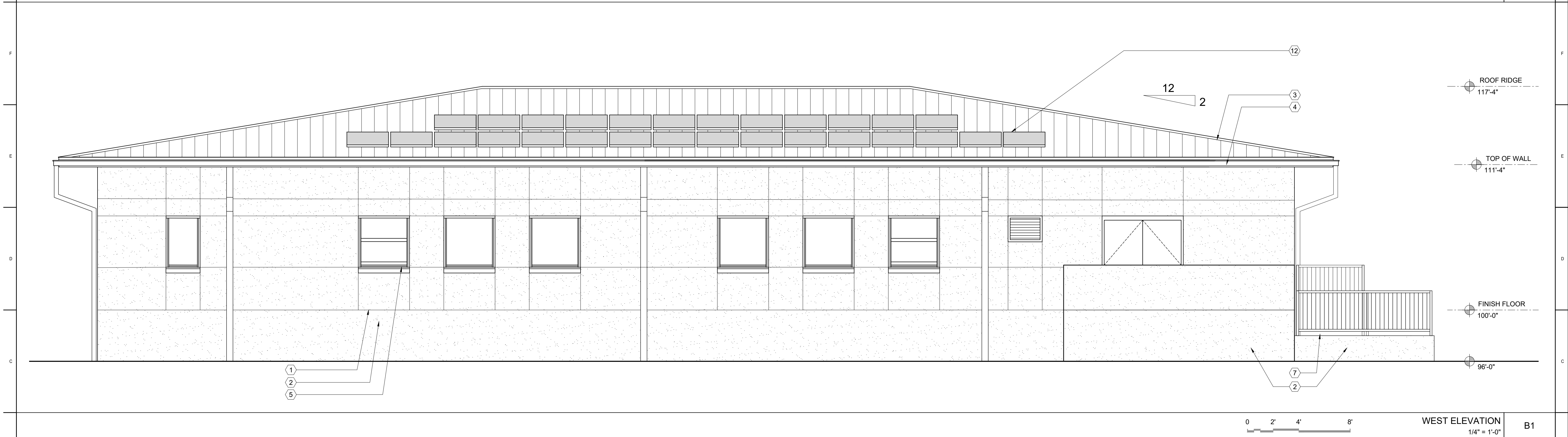
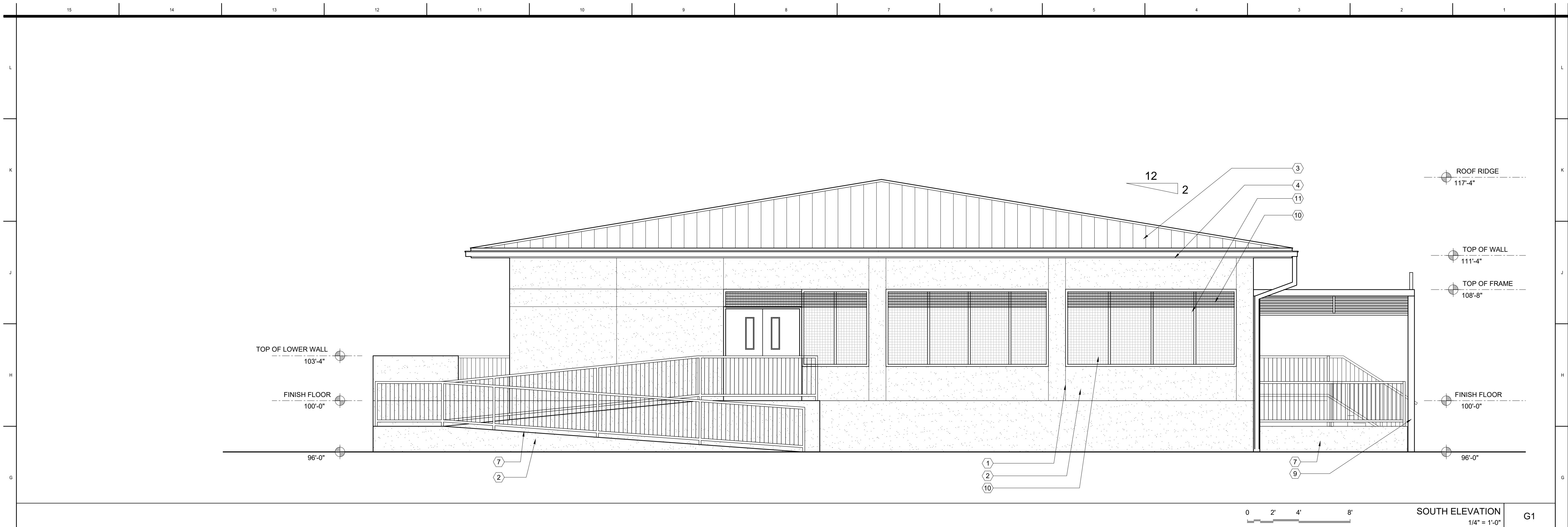
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EXTERIOR
ELEVATIONS

A3.1



- SPECIFIC NOTES**
1. PLASTER CONTROL JOINT, TYP.
 2. CEM PLAS - PNT, TYP.
 3. STANDING SEAM MTL ROOF SYSTEM, TYP.
 4. PRE-FINISHED ALUM GUTTER & DOWNSPOUT, TYP.
 5. ALUM WINDOW, TYP.
 6. ALUM STOREFRONT ENTRY DOOR
 7. CONC RAMP AND ALUM RAILINGS.
 8. CONC STAIR AND ALUM RAILINGS.
 9. ALUM TRELLIS.
 10. ALUM LOUVER PANEL.
 11. SCREEN WALL.
 12. SOLAR PANELS, TYP. (ALTERNATE) .REFER TO E-SERIES.

- GENERAL NOTES**
1. EXT OPENINGS (WINDOWS, DOORS, LOUVERS, ETC.) SHALL BE IMPACT RESISTANT, TYP.

NOTES

A1

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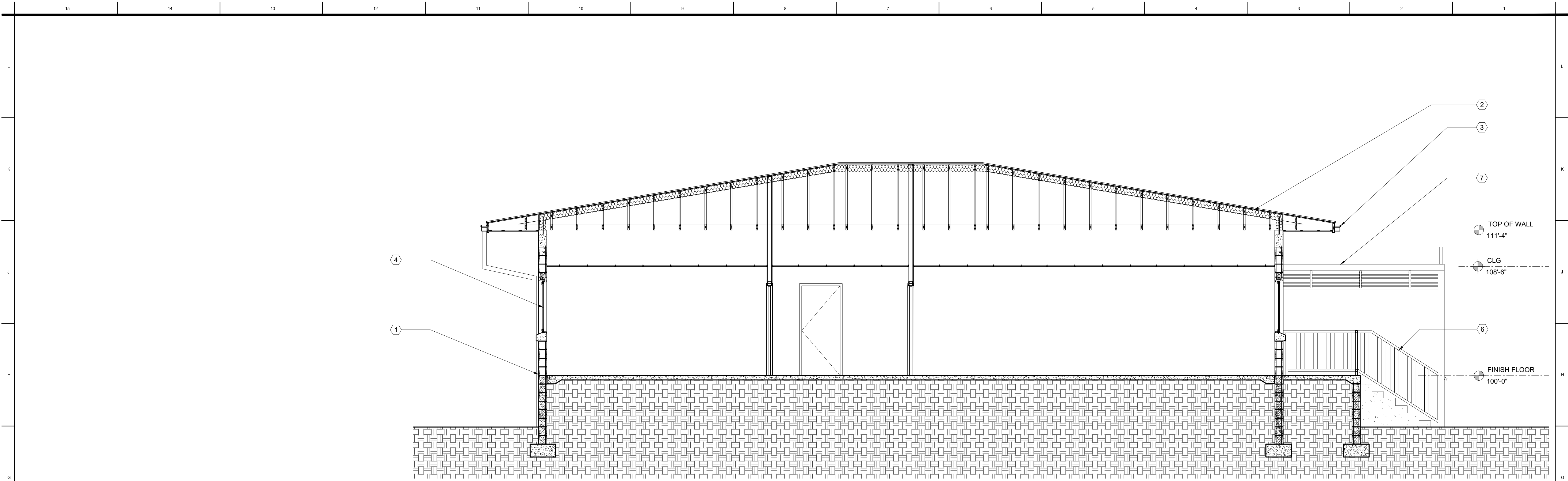
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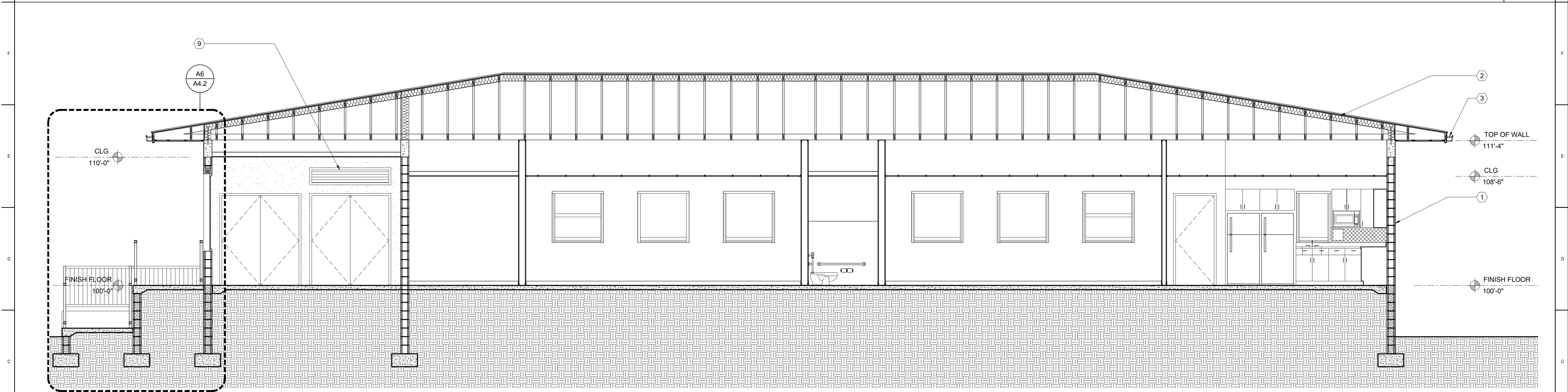
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EXTERIOR
ELEVATIONS

A3.2



0 2' 4' 8'
BUILDING SECTION
1/4" = 1'-0" G1



0 2' 4' 8'
BUILDING SECTION
1/4" = 1'-0" B1

- SPECIFIC NOTES**
1. CEM PLAS - PNT, TYP.
 2. STANDING SEAM MTL ROOFING, TYP.
 3. PRE-FINISHED ALUM GUTTER & DOWNSPOUT, TYP.
 4. ALUM WINDOWS, TYP.
 5. ALUM STOREFRONT ENTRY DOOR
 6. CONC STAIR AND ALUM RAILINGS..
 7. ALUM TRELLIS.
 8. SOLAR PANELS, TYP. REFER TO ELECTRICAL DWGS
 9. ALUM LOUVER.

- GENERAL NOTES**
1. CLG HT IS 8'-6" TYP. (UNO)
 2. RIGID INSUL AT EXT WALLS TO BE INSTALLED CONTINUOUS. OUTLETS, JUNCTION BOXES, ETC TO BE INSTALLED IN MTL STUD SPACE ADJACENT TO CMU WALL / INSUL.
 3. PROVIDE CONT THERMAL / VAPOR / AIR ENVELOPE.

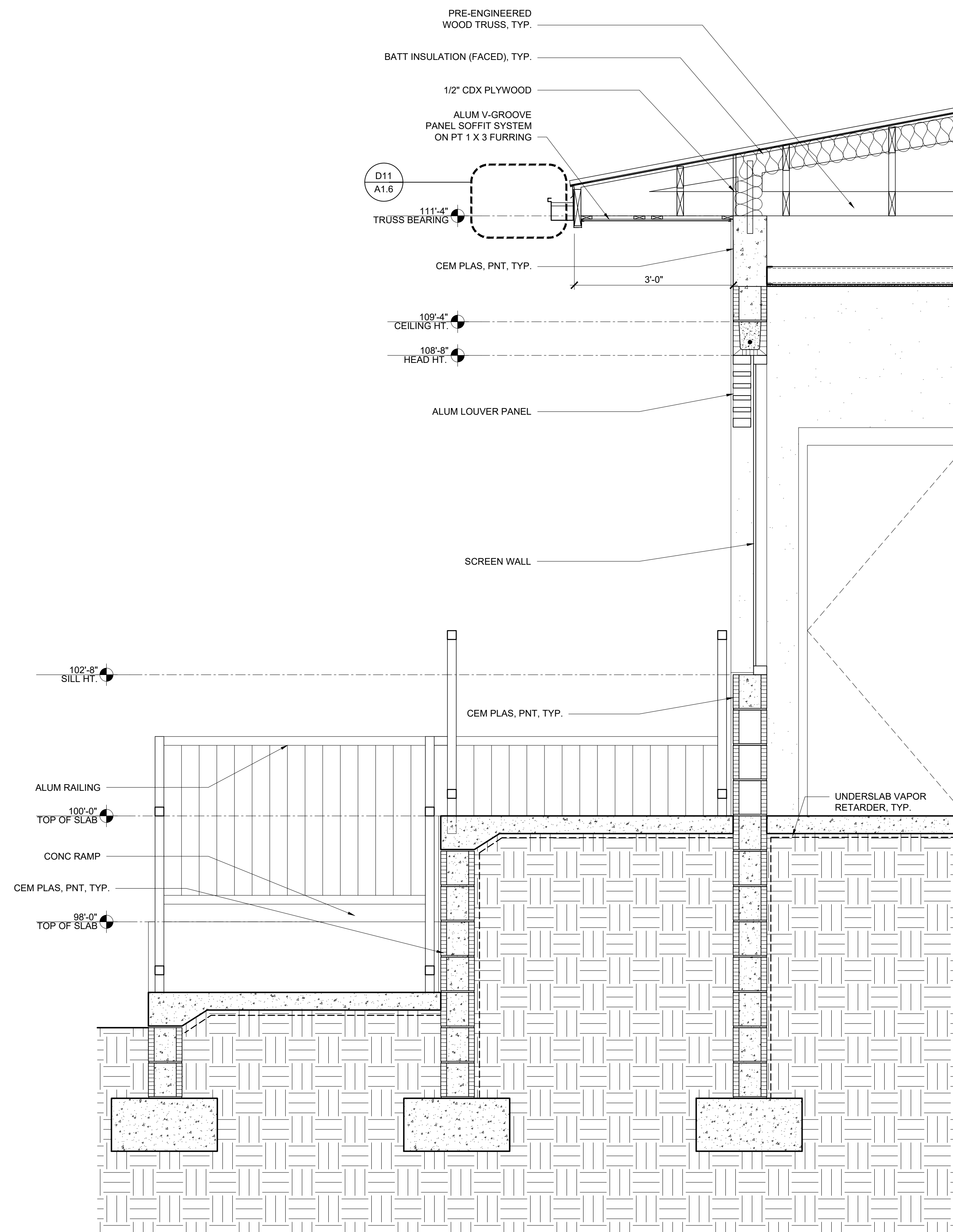
NOTES A1

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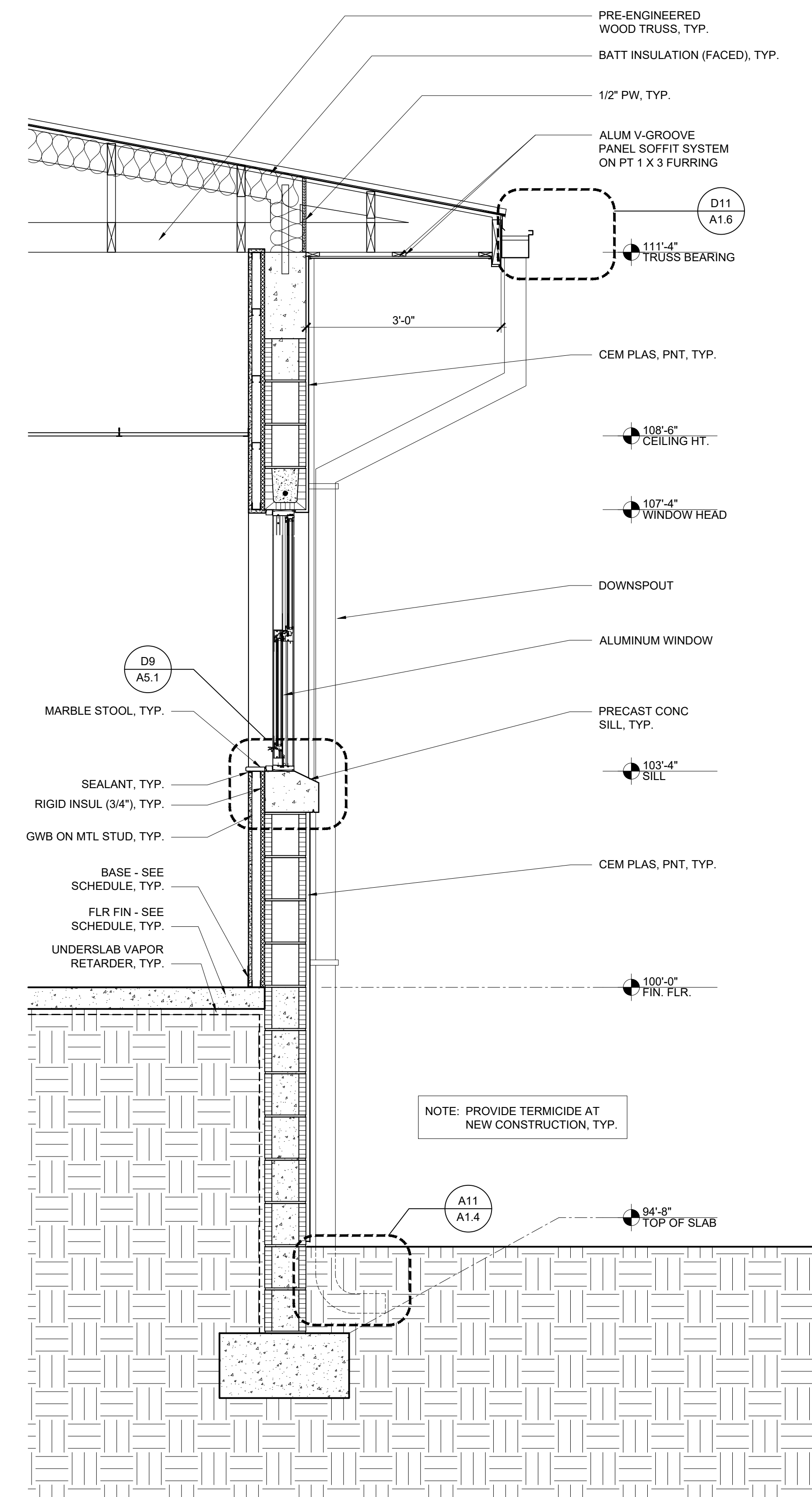
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BUILDING
SECTIONS
A4.1



WALL SECTION
3/4" = 1'-0"

A6



WALL SECTION
3/4" = 1'-0"

A1

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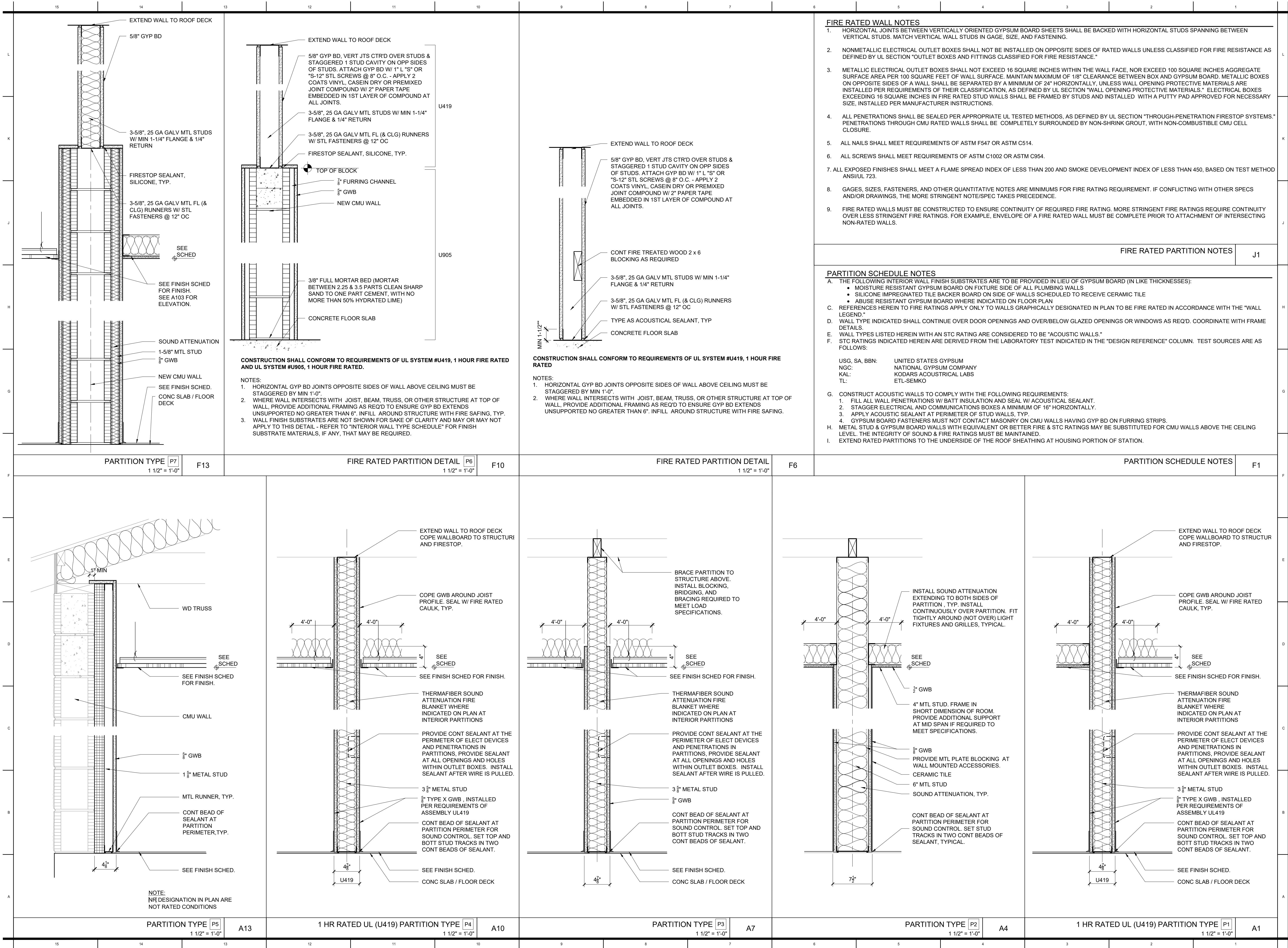
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WALL SECTIONS

A4.2



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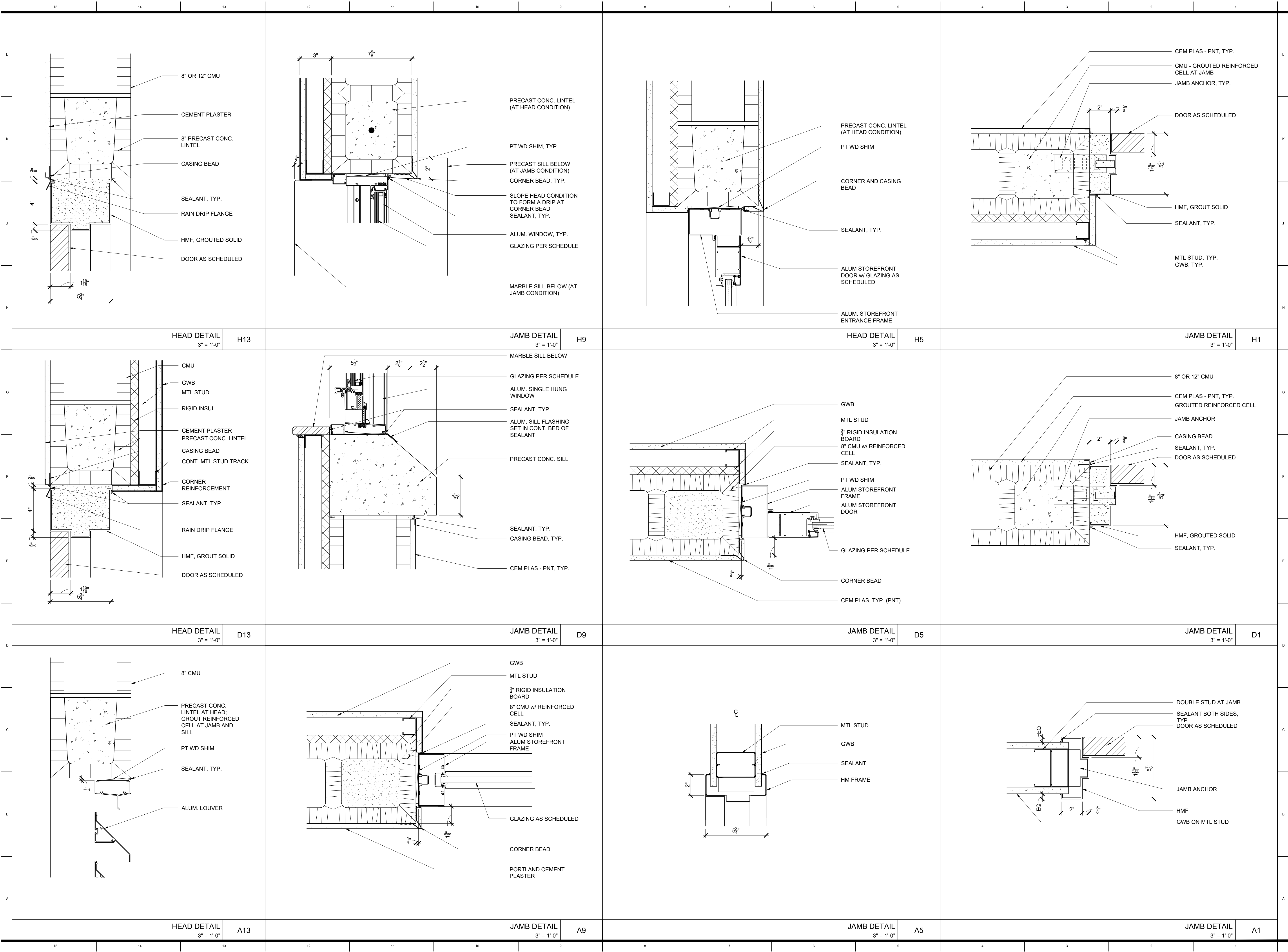
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PARTITION TYPES

A4.3



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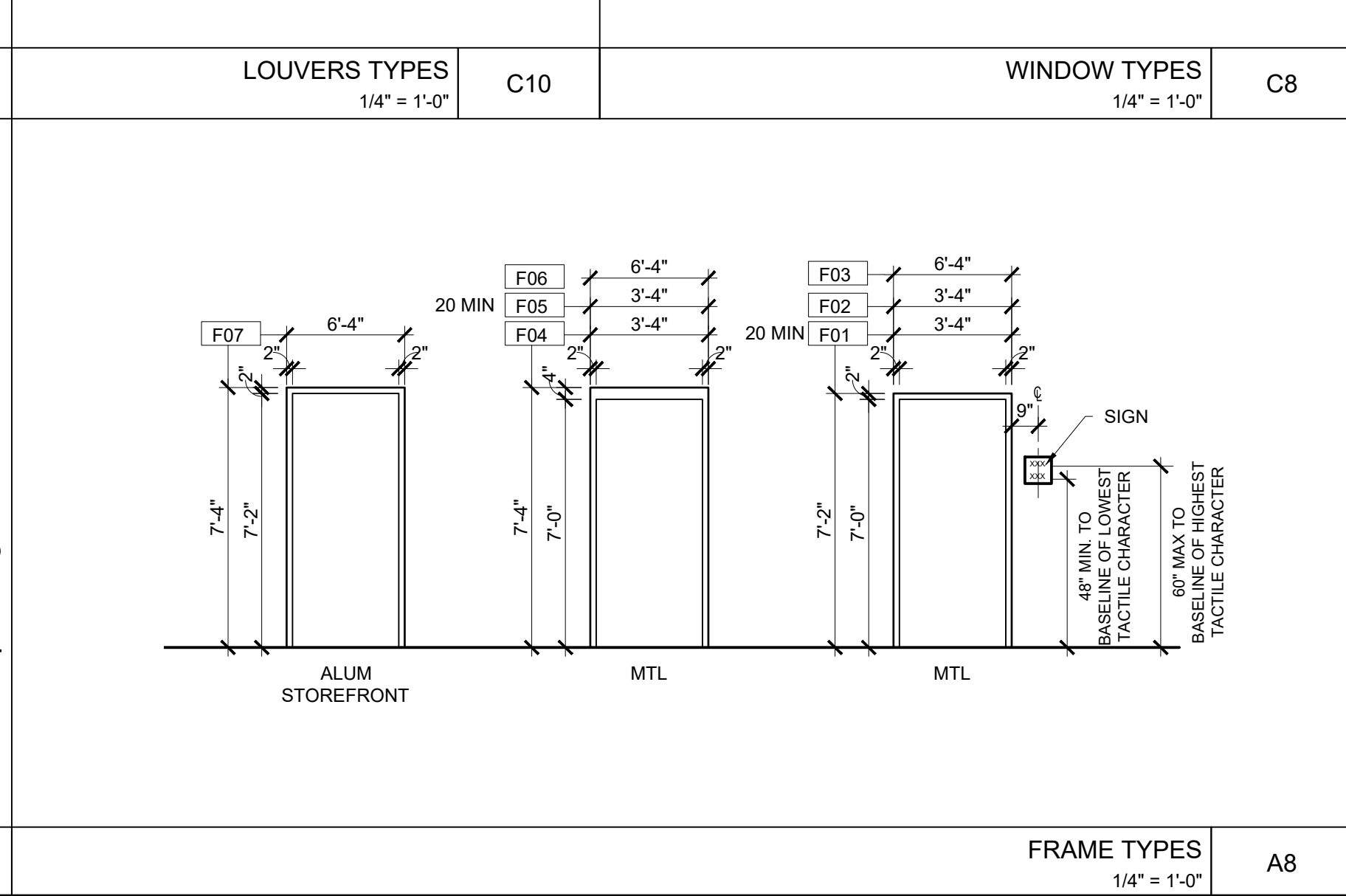
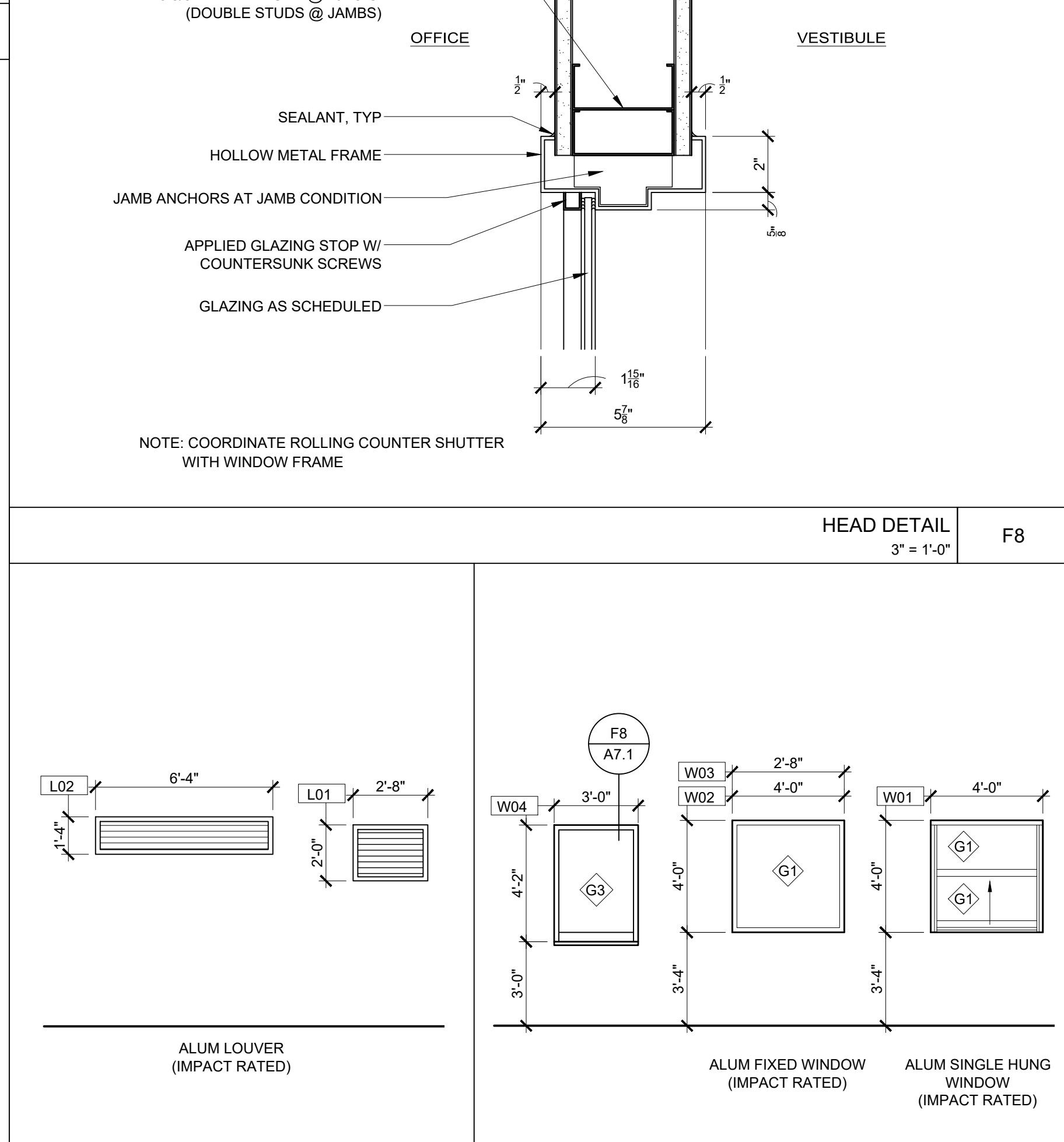
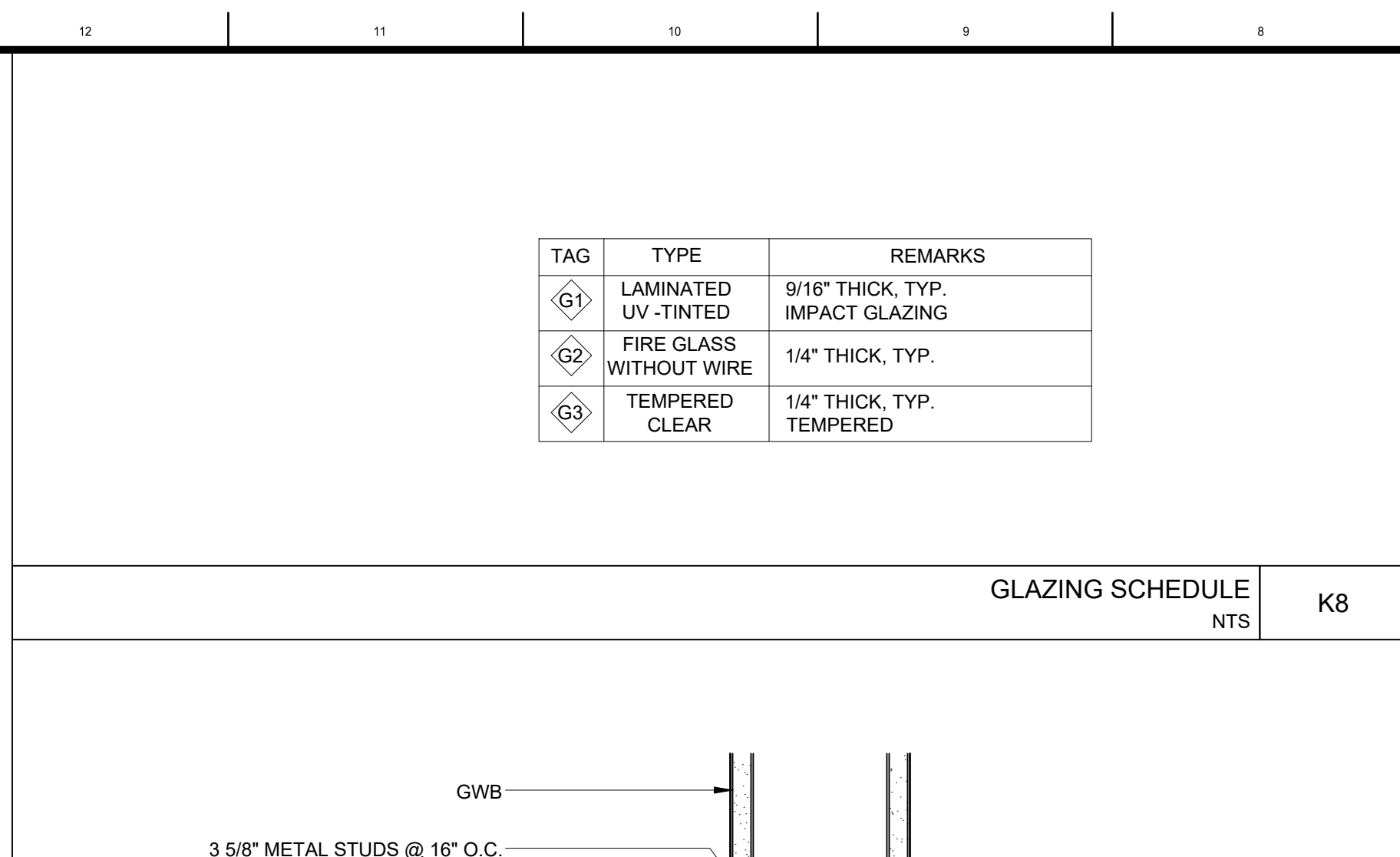
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DETAILS

A5.1



FINISH SCHEDULE ABBREVIATIONS			
APC	ACOUSTICAL PANEL CEILING	PT	PORCELAIN TILE
CONC	CONCRETE	SC	SEALED CONCRETE
CT	CERAMIC TILE	LVT	LUXURY VINYL TILE
EP	EPOXY PAINT	VCT	VINYL COMPOSITION TILE
NR	NONE REQUIRED	VNC	VINYL NON-CONDUCTIVE TILE
PNT	PAINT	VWB	VINYL WALL BASE

- | GENERAL REMARKS | |
|-----------------|--|
| 1. | PROVIDE SOUND ATTENUATION BLANKETS IN WALL BETWEEN ADJACENT ROOMS DESIGNATED |
| 2. | SEE BUILDING SECTIONS FOR CEILING HEIGHT(S) |

FINISH SCHEDULE ABBREVIATIONS	
MTL	METAL
WD	WOOD
ALUM	ALUMINUM

- ### GENERAL REMARKS
-
1. ALL EXTERIOR DOORS, WINDOWS AND LOUVERS TO BE IMPACT PROTECTED.
 2. ALL EXTERIOR DOORS SHALL BE INSULATED.

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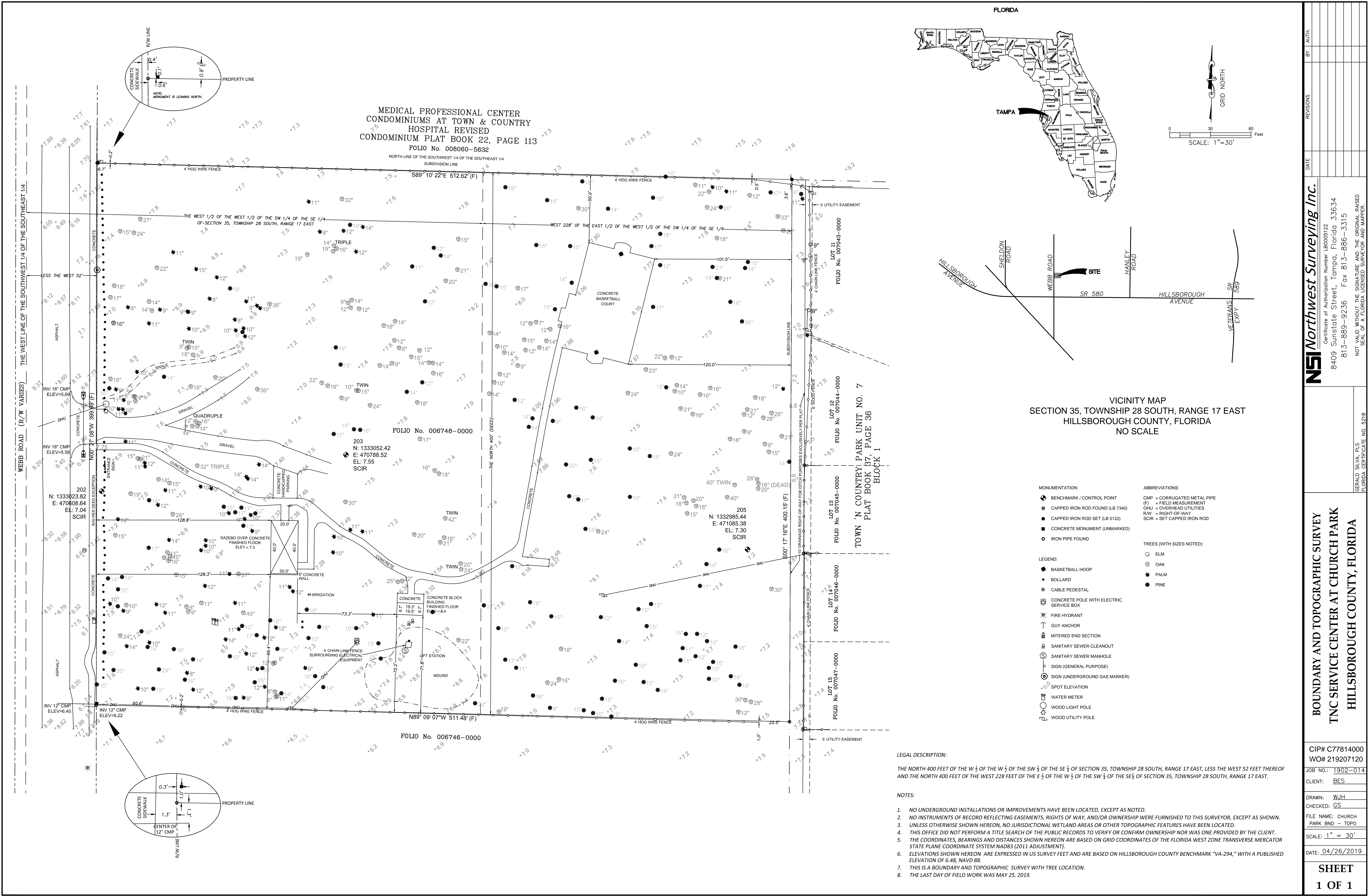
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601 E KENNEDY BLVD
TAMPA, FL 33601

HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START

PROJECT #: 2010-00	
DISTRIBUTION	DATE
DESIGN DEVELOPMENT	06.11.2020
90% CONST DOCS	08.19.2020
PERMIT SET	12.21.2020

SCHEDULES

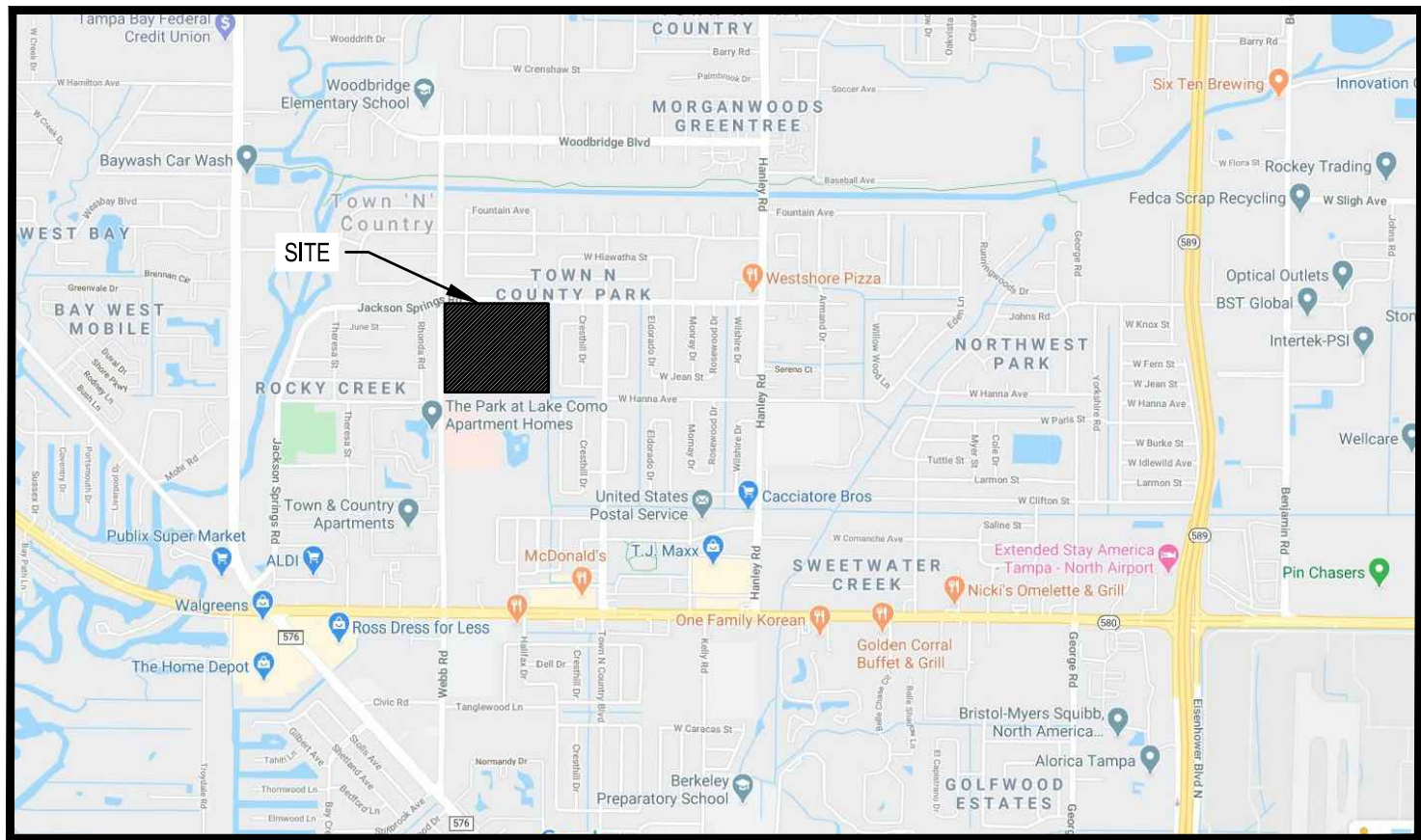
A7.1



HILLSBOROUGH COUNTY NORTHWEST AREA HEADSTART AT CHURCH PARK

CONSTRUCTION PLANS

SECTION 35, TOWNSHIP 28 SOUTH, RANGE 17 EAST
FOLIO #: 006748-0000
5631 WEBB ROAD
5657 WEBB ROAD
TAMPA, FL 33615



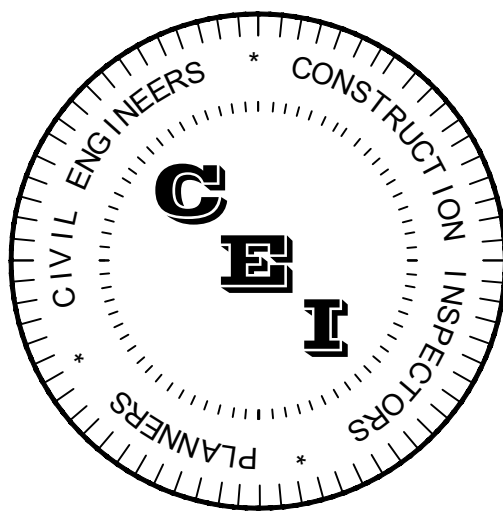
LOCATION MAP
NTS

Utility Owner	Contact	Phone Number	Utility Type
HILLSBOROUGH COUNTY WATER RESOURCE SERVICES	LISA JACKSON	PHONE: 813-272-5977 EXT:43607	WATER
CROWN CASTLE NG	STAKE CENTER LOCATING DISPATCHER	DAY: 801-364-1063	FIBER
CHARTER COMMUNICATIONS	USIC DISPATCH OFFICE	PHONE: 800-778-9140	CATV
CITY OF TAMPA WATER	RORY JONES, P.E.	PHONE: 813-231-5291	WATER
FRONTIER COMMUNICATIONS	USIC DISPATCH	PHONE: 800-778-9140	CATV, COMMUNICATION LINES
TAMPA ELECTRIC COMPANY	PAULETTE COOPER	PHONE: 813-275-3059	ELECTRIC

PREPARED FOR:
WILDER ARCHITECTS, INC.
1315 EAST SEVENTH AVE, SUITE 106
TAMPA, FL 33605
(813) 242-6677
AA 26000655

OWNER:
HILLSBOROUGH COUNTY
BOARD OF COUNTY COMMISSIONERS
601 E KENNEDY BLVD
TAMPA, FL 33602

PREPARED BY:



CAMPO
ENGINEERING, INC.

1725 East 5th Avenue, Tampa, FL 33605
Phone (813) 215-7372 and Fax (813) 902-8782
www.campoengineering.com
info@campoengineering.com

FBPR REGISTRY NO.: 26726

SHEET INDEX

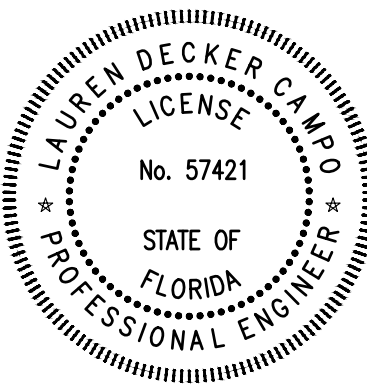
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DISTRIBUTIONS:

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SUBMITTALS:

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THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND
SEALED BY LAUREN D. CAMPO, PE ON 12/18/2020
USING A SHA AUTHENTICATION CODE. PRINTED COPIES
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LAUREN D. CAMPO, P.E. NO. 57421

December 18, 2020
DATE (SEAL)

SAFETY

1. DURING THE CONSTRUCTION AND MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL.
2. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLAN MUST BE SUBMITTED AND APPROVED BY THE GOVERNMENTAL AGENCIES HAVING JURISDICTION PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
3. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN ITS OWN SAFETY EQUIPMENT IN ACCORDANCE WITH ITS HEALTH & SAFETY PROGRAM AND ALL OTHER APPLICABLE LEGAL AND HEALTH AND SAFETY REQUIREMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING ITS EMPLOYEES AND SUBCONTRACTORS WITH ADEQUATE INFORMATION AND TRAINING TO ENSURE THAT ALL EMPLOYEES AND SUBCONTRACTORS AND SUBCONTRACTORS' EMPLOYEES COMPLY WITH ALL APPLICABLE REQUIREMENTS. CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH ALL OCCUPATION SAFETY AND HEALTH REGULATIONS AS WELL AS THE ENVIRONMENTAL PROTECTION LAWS. THE FOLLOWING IS NOT TO BE PERCEIVED AS THE ENTIRE SAFETY PROGRAM BUT JUST BASIC REQUIREMENTS.
5. ALL EXCAVATIONS BY THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS. PARTICULAR ATTENTION MUST BE PAID TO THE CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART P.
6. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
7. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
8. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
9. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY COMPANIES PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CALL SUNSHINE ONE CALL AT 811 TO ARRANGE FOR FIELD LOCATIONS.
10. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR CALLED FOR IN THIS CONTRACT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. Dewatering methods shall be used as required to keep trenches dry while PIPE AND APPURTENANCES ARE BEING PLACED.

EXISTING TREE PROTECTION NOTES:

1. REQUIRED BARRICADES AND FLAGGING SHALL BE ERECTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER AND REGULATORY AGENCIES PRIOR TO COMMENCEMENT OF LAND ALTERATION ACTIVITIES. BARRICADES SHALL REMAIN IN PLACE UNTIL ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETED.
2. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, WITHIN THE DRIPLINE OF A TREE REMAINING ON SITE, UNLESS OTHERWISE APPROVED, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION, EXCEPT BY HAND, BY GRUBBING OR TO PLACE FILL, DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE.
3. ADEQUATE PROTECTION MEASURES (I.E. HAY BALES, Baffles, SODDING AND SANDBAGGING) SHALL BE PROVIDED, AS NECESSARY, TO MINIMIZE EROSION AND DOWNSTREAM SEDIMENTATION CAUSED BY SURFACE WATER RUNOFF ON EXPOSED LAND SURFACES.
4. ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE PRUNED ACCORDING WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS. THIS INFORMATION MUST BE CLEARLY IDENTIFIED ON THE CONSTRUCTION PLANS.

CLEARING/DEMOLITION

1. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN AS INDICATED, IN THE CONSTRUCTION PLANS SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES AND DETAILS CONTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREE SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE REGULATORY AGENCY OR THE OWNER.
2. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SEEDED, MULCHED, SODDED OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
3. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ON-SITE IF REQUIRED, PROVIDED THAT THE MATERIAL IS DEEMED SUITABLE FOR CONSTRUCTION BY THE OWNER'S SOIL TESTING COMPANY. EXCESS MATERIAL IS TO BE EITHER STOCKPILED ON THE SITE AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER, OR REMOVED FROM THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING EXCESS EARTHWORK FROM THE SITE.
4. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
5. CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND WILL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL, PURSUANT TO ALL FEDERAL, STATE, COUNTY, CITY OR OTHER GOVERNMENT AGENCY REQUIREMENTS, OF ALL UNDERGROUND AND ABOVE GROUND STRUCTURES THAT WILL NOT BE INCORPORATED WITHIN THE NEW FACILITIES.

SITE PLAN AND COORDINATE GEOMETRY

1. BOUNDARY SURVEY PREPARED BY LICENSED SURVEYOR.
2. ALL POINTS AND MONUMENTS SHALL BE SURVEYED UPON MOBILIZATION TO VERIFY THEIR ACCURACY. ANY DISCREPANCIES DISCOVERED MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING.
3. MONUMENTS AND OTHER SURVEY CONTROL POINTS SHALL BE PROTECTED FROM DAMAGE AND DISTURBANCE. IF ANY CONTROL POINTS ARE DAMAGED OR DISTURBED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND REPLACE THE CONTROL POINTS TO THEIR ORIGINAL CONDITION AT HIS OWN EXPENSE.
4. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
5. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION CERTIFIED BY A REGISTERED LAND SURVEYOR. THIS "AS-BUILT" INFORMATION SHALL INCLUDE INVERT ELEVATIONS, LOCATION OF FITTINGS, LOCATION OF STRUCTURES FOR ALL UTILITIES INSTALLED, AS WELL AS TOP OF BANK, TOE OF SLOPE AND GRADE BREAK LOCATIONS AND ELEVATIONS FOR POND AND DITCH CONSTRUCTION. NO ENGINEER'S CERTIFICATIONS FOR CERTIFICATE OF OCCUPANCY PURPOSES WILL BE MADE UNTIL THIS INFORMATION IS RECEIVED AND APPROVED BY THE OWNER'S ENGINEER.

DRAINAGE

1. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-78) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL CONFORM WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS AND LOCAL AGENCY STANDARDS UNLESS OTHERWISE SHOWN ON PLANS.
2. PIPE LENGTHS SHOWN ARE APPROXIMATE.
3. ALL DRAINAGE STRUCTURE GRATES AND COVERS SHALL BE TRAFFIC RATED FOR H-20 LOADINGS.
4. ALL STORM DRAINAGE PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
5. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS FOR THESE PURPOSES.

GENERAL NOTES

1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONSTRUCTION RELATED PERMITS, INCLUDING BUT NOT LIMITED TO: RIGHT OF WAY USE PERMITS, PIPING PERMITS, MUD PERMITS, ETC. PRIOR TO CONSTRUCTION, AND SCHEDULE ANY NECESSARY INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
2. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO IN THESE PLANS SHALL BE OF THE LATEST REVISION.
3. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO THE ENGINEER OF RECORD FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
5. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES & THEIR SUBCONTRACTORS.
6. THE WATER, SANITARY SEWER, AND STORM DRAINAGE FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE REGULATORY AGENCY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE REQUIRED PERMITS TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY.
7. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES BEFORE ORDERING MATERIALS AND CASTING STRUCTURES.
8. IT WILL BE NECESSARY TO EXAMINE, COORDINATE AND ADJUST ACCORDINGLY THE PROPOSED LOCATIONS OF THE VARIOUS COMPONENTS OF THE SITE UTILITIES. THE LAYOUTS INDICATED IN THE PLANS ARE NOT EXACT AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT COORDINATION DRAWINGS SHOWING PIPE SIZES, STRUCTURES, AND ELEVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING AND COORDINATION OF ALL THE UNDERGROUND WORK ASSOCIATED WITH THIS PROJECT.
9. CONTRACTOR SHALL CONFIRM LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
10. THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND NOT FIELD VERIFIED. THEREFORE, THE ENGINEER CANNOT GUARANTEE THE ACCURACY OF SAME NOR ALL THAT ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH THE OWNERS TO HIS SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION.
11. BEFORE BEGINNING SITE WORK, THE CONTRACTOR IS REQUIRED TO CONFIRM IN THE FIELD EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND OTHER FEATURES. THE CONTRACTOR MAY CONSULT THE UTILITY OWNER'S RECORD DRAWINGS, BUT THE UTILITY OWNER AND HIS ENGINEER DO NOT GUARANTEE BY MAP OR OTHERWISE THE EXISTENCE OR ACCURACY OF THESE DRAWINGS. THE SITE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR ANY MODIFICATION REQUIRED, OTHER THAN SHOWN ON PLANS.
12. EXISTING WATER & SEWER MAIN LOCATIONS SHOWN ARE APPROXIMATE BASED ON HILLSBOROUGH COUNTY.
13. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW.
14. ADJUSTMENTS OF INLETS, JUNCTION BOXES, MANHOLE TOPS, WATER VALVES, WATER METERS, ETC. SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND NO CLAIM SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR THESE ADJUSTMENTS, IF REQUIRED.
15. OVERALL CLEANUP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH REGULATORY AGENCY STANDARDS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
16. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
17. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
18. ANY U.S.C. & G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER OF RECORD.

PAVING AND GRADING

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER, THE OWNER'S ENGINEER, OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS TO BE BACK FILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
2. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOIL TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS OR THE REFERENCED SOILS REPORT.
3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
4. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
5. CURBING WILL BE PLACED AT THE EDGE OF ALL PAVEMENT, AS SHOWN ON THE PLANS.
6. REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURBING AND GUTTERS CALLED FOR IN THESE PLANS.
7. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT JUNCTION OF CONCRETE AND OTHER MATERIALS (BUILDINGS, OTHER POURED CONCRETE, ETC.).
8. ALL PAVEMENT MARKINGS IN RIGHT-OF-WAY AND STOP BARS SHALL BE MADE WITH PERMANENT THERMOPLASTIC AND SHALL CONFORM TO F.D.O.T. STANDARD INDEX NO. 17346, SHEETS 1-7, PARKING STRIP STRIPING AND ON-SITE PRIVATE PAVEMENT MARKINGS TO BE TRAFFIC GUIDE PAVING.
9. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE YEAR FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER.
10. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE TESTING SCHEDULE LOCATED ON THIS SHEET. UPON COMPLETION OF THE WORK, SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
11. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN PLACE MATERIALS AS REQUIRED BY THESE PLANS AND THE VARIOUS AGENCIES. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COST OF SAID RETESTING.
12. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO BASE AND PAVEMENT CONSTRUCTION.
13. CONTRACTOR IS TO PROVIDE EROSION CONTROL AND SEDIMENTATION BARRIER (SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, THE CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
14. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.

WATER DISTRIBUTION

1. SEE PIPE SEPARATION REQUIREMENTS, THIS SHEET.
2. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
3. ALL WATER SYSTEM WORK SHALL CONFORM WITH LOCAL REGULATORY AGENCY STANDARDS AND SPECIFICATIONS.
4. CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER TO BE RESOLVED BY ADJUSTING THE WATER LINES AS NECESSARY AND PER PIPE SEPARATION REQUIREMENTS NOTED THIS SHEET.
5. ALL ON-SITE PVC WATER MAINS 4 INCHES THROUGH 12 INCHES SHALL BE IN ACCORDANCE WITH AWWA C-300 AND SHALL BE CLASS 150 SDR 18. ALL ON-SITE PVC WATER MAINS 2" TO 3" SHALL BE CLASS 1120 AND MEET REQUIREMENTS OF SDR 21 IN ACCORDANCE WITH ASTM D-2241. WATER MAINS SMALLER THAN 1 1/2" SHALL BE CLASS 1120 OR 1220 SCHEDULE 80 AND MEET REQUIREMENTS OF ASTM D-1785.
6. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI STANDARD A21.51. JOINTS: PIPE SHALL HAVE AN EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI A21.51. PIPE INTERIOR SHALL HAVE A CEMENT MORTAR LINING WITH AN ASPHALTIC SEAL COAT CONFORMING TO AWWA/ANSI C104/A21.4. THE WEIGHT AND CLASS DESIGNATION SHALL BE PAINTED IN WHITE ON THE EXTERIOR SURFACE OF ALL PIPE AND FITTINGS. MANUFACTURER'S CODE OR SERIAL NUMBER SHALL BE PROVIDED ON THE BELL OF EACH PIPE JOINT.
7. ALL DUCTILE FITTINGS SHALL BE MECHANICAL JOINT WITH A MINIMUM PRESSURE RATING OF 250 PSI AND SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA STANDARD A21.10/C110. ALL FITTING SHALL BE COATED AND LINED AS SPECIFIED ABOVE FOR DUCTILE IRON PIPE.
8. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS AS SHOWN ON DETAILS.
9. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH LOCAL REGULATORY AGENCY STANDARDS. CONTRACTOR TO NOTIFY OWNER'S ENGINEER AND LOCAL INSPECTORS 48 HOURS IN ADVANCE OF PERFORMING TESTS.
10. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING AND OBTAIN CLEARANCE OF DOMESTIC WATER SYSTEM. COPIES OFF ALL BACTERIOLOGICAL TESTS TO BE SUBMITTED TO OWNER'S ENGINEER.

SANITARY SEWER

1. SEE PIPE SEPARATION REQUIREMENTS, THIS SHEET.
2. ALL SANITARY SEWER MAINS AND LATERALS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
3. ALL ON-SITE PVC GRAVITY SANITARY SEWER PIPE SHALL BE MADE OF MATERIAL HAVING A CELL CLASSIFICATION OF 12454 B, 12454 C OR 13354 B AS DEFINED IN ASTM D-1784. PVC PIPE AND FITTINGS USED IN THE GRAVITY SYSTEM SHALL MEET THE REQUIREMENTS OF ASTM D3034 SDR 35 TO A DEPTH OF 15' AND SDR 26 AT A DEPTH BEYOND 15'.
4. ALL ON-SITE DUCTILE IRON PIPE SHALL BE CLASS 52 AND SHALL RECEIVE INTERIOR AND EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI A 21.6, A 21.8, OR A 21.51.
5. ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE AGENCY STANDARDS AND SPECIFICATIONS, LATEST EDITION THERE OF.
6. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW SANITARY SEWER LINES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES NEAR THE POINT OF CONNECTION AND NOTIFY OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES WITH DESIGN INFORMATION SHOWN IN THESE PLANS.
7. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO PLACEMENT OF BASE AND PAVING AND AGAIN PRIOR TO OBTAINING CERTIFICATE OF OCCUPANCY. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS.
8. THE CONTRACTOR SHALL PERFORM A CLOSED CIRCUIT TELEVISION INSPECTION ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION PRIOR TO FINAL ACCEPTANCE.
9. ALL WASTE-WATER LATERALS TO HAVE A MINIMUM OF 36" COVER AT THE RIGHT-OF-WAY LINE.

PIPE SEPARATION REQUIREMENTS:

FOR THE PURPOSE OF THIS SECTION, THE PHRASE "WATER MAINS" SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRINKING WATER; FIRE HYDRANT LEADS; AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

1. HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS

- A. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
 - B. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
 - C. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
 - D. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.006(2), F.S., AND RULE 64E-6.002, F.A.C.
2. VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.
- A. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - B. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - C. AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATELY, THE PIPE JOINTS OF THE WATER MAIN SHALL BE PLACED SUCH THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

3. SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES
- A. NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY SEWER MANHOLE.
 - B. EFFECTIVE AUGUST 28, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE.

4. SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER; AT LEAST SIX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.006(2), F.S., AND RULE 64E-6.002, F.A.C.

GENERAL LANDSCAPE NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES, BEFORE PERFORMING ANY WORK. ANY CONFLICTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION AND PROTECTION OF ALL SITE CONDITIONS TO REMAIN FROM DAMAGE DUE TO HIS WORK. IN THE EVENT OF DAMAGE, ALL DAMAGE SHALL BE COMPLETELY REPAIRED TO ITS ORIGINAL CONDITION. ALL COST OF SUCH WORK SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED DAMAGE OR CUTTING OF EXISTING TREES TO REMAIN ON SITE. DAMAGE MAY BE CAUSED BY OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, ETC. DAMAGE ALSO INCLUDES THE COMPACTING OF THE ROOT ZONE BY DRIVING OR PARKING INSIDE THE DRIP-LINE OF TREES OR THE SPILLAGE OF DELETERIOUS CHEMICALS, OILS, DIESEL, ETC. WITHIN THE DRIP-LINE OF TREES.
4. SEE LANDSCAPE ARCHITECT'S PLAN FOR ADDITIONAL INFORMATION.

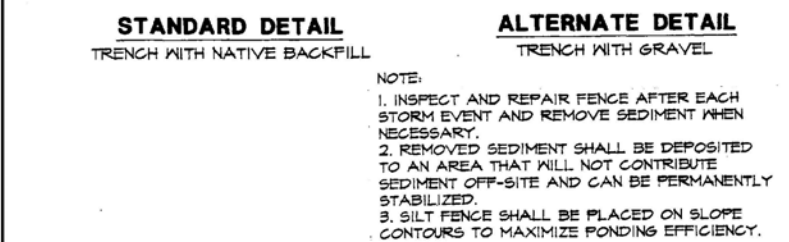
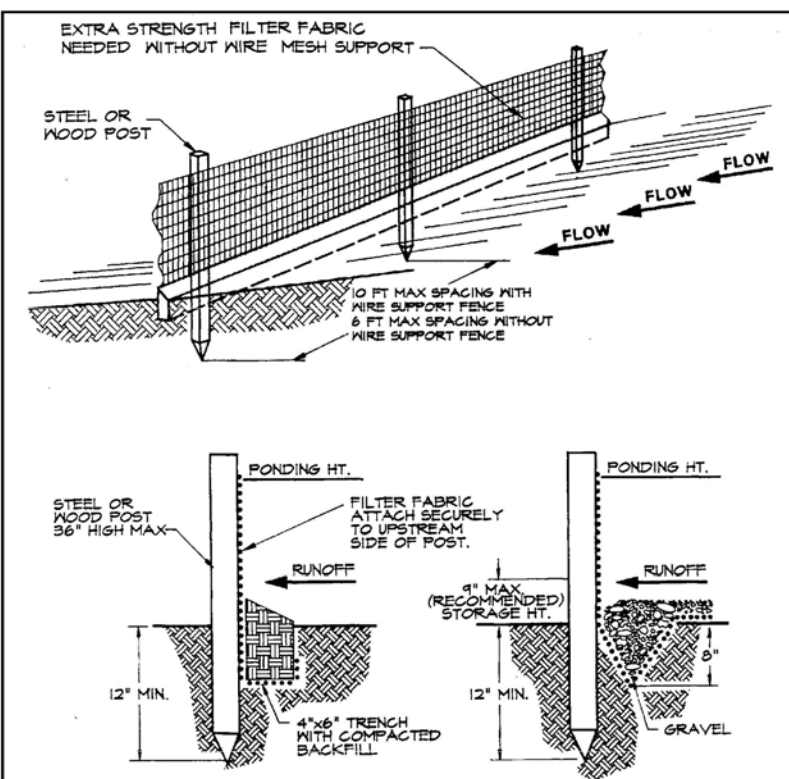
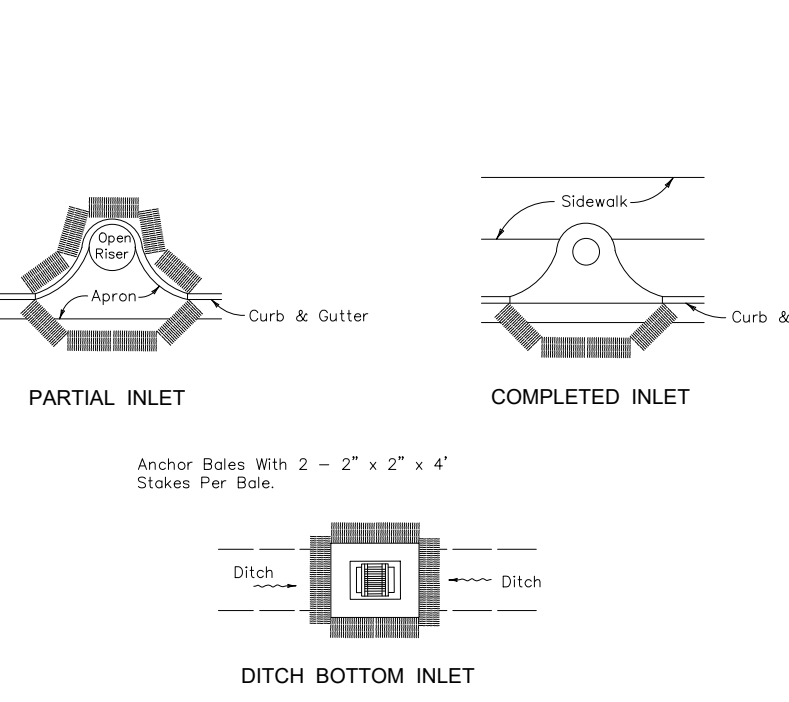


Figure 4.4a. Silt Fence

SILT FENCE DETAIL

NTS



- SILT FENCE INSPECTION NOTE:
1. CONTRACTOR IS AUTHORIZED TO STAKE SEDIMENT AND EROSION CONTROL DEVICE LOCATIONS. AFTER STAKING COUNTY ERS STAFF MUST BE CONTACTED TO INSPECT STAKED LOCATIONS.
 2. AFTER INSTALLATION OFF SEDIMENT AND EROSION CONTROL DEVICES A 2ND INSPECTION IS REQUIRED.

INLET PROTECTION DETAIL

NTS

CONTRACTOR PERMITS

1. ANY REQUIRED CONTRACTOR OR SUB-CONTRACTOR OBTAINED PIPING PERMITS.
2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING FINAL BUILDING PERMIT.
3. TREE REMOVAL AND CLEARING PERMIT.
4. CONTRACTOR TO OBTAIN FINAL RIGHT OF WAY USE PERMIT.
5. ANY ADDITIONAL PERMITS NOT LISTED THAT MAY BE REQUIRED.

NOTE TO CONTRACTOR:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MEANS & METHODS & CONSTRUCTION SEQUENCING TO SUCCESSFULLY CONSTRUCT THE DESIGN REPRESENTED IN THESE CONSTRUCTION DOCUMENTS. IN THE EVENT THE CONTRACTOR PROPOSES TO DEVIATE FROM THE PROPOSED DESIGN IN ANY WAY, THEY MUST NOTIFY THE CO IN ADVANCE FOR APPROVAL. NOT DOING SO MAY AFFECT RECEIVING THE CO IN A TIMELY MANNER.

SC-1 TESTING SCHEDULE

NOTE: GOVERNING AGENCY REQUIREMENTS SUPERSEDE THESE REQUIREMENTS.

ITEM	TEST	TEST FREQUENCY
EMBANKMENT	OPTIMUM MOISTURE/MAXIMUM DENSITY 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T99-57 (D-698-70) NO TOLERANCE	PER SOIL TYPE ONE PER 500 FEET HORIZONTALLY, IN 12 INCH LIFTS
UTILITY TRENCH BACKFILL OVER PIPELINES AND AROUND STRUCTURES FROM R.O.W. LINE TO R.O.W. LINE	OPTIMUM MOISTURE/MAXIMUM DENSITY 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) - MINUS 3% TOLERANCE	PER SOIL TYPE ***
UTILITY TRENCH BACKFILL OVER PIPELINES AND AROUND STRUCTURES OUTSIDE THE R.O.W.	OPTIMUM MOISTURE/MAXIMUM DENSITY 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) - MINUS 3% TOLERANCE	PER SOIL TYPE ***
STABILIZED SUBGRADE	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 40 LBR	PER MATERIAL TYPE *** PER MATERIAL TYPE
BASE (OTHER THAN SOIL CEMENT)	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 100 LBR	PER SOURCE PER SOURCE
CONCRETE	SLUMP TEST COMPRESSIVE STRENGTH CYLINDERS	PER SOURCE ONE PER SET OF CYLINDERS ONE SET OF THREE (3) CYLINDERS FOR 100 CUBIC YARDS OR FRACTION THEREOF
ASPHALTIC CONCRETE	AIR CONTENT AGGREGATE ANALYSIS DESIGN MIX BITUMEN CONTENT	PER SOURCE ONE PER DESIGN ONE PER TYPE ONE PER DAY
	GRADATION, ATTERBURG LIMITS	PER SOURCE ONE PER DAY
	PROPERTIES OF IN PLACE MATERIALS (MARSHALL)	*** ONE PER DAY
	THICKNESS	***
	95% OF LAB DENSITY	***

TESTS SHALL BE LOCATED NO MORE THAN 500 FEET APART. TESTS SHALL BE PERFORMED ON EACH LIFT, EXCEPT THAT TESTS SHALL NOT BE FURTHER APART THAN ONE (1) FOOT VERTICALLY. FIELD DENSITIES SHALL BE TAKEN OVER ALL ROAD CROSSINGS. FIELD DENSITIES FOR SANITARY LINES SHALL BE STAGGERED TO INCLUDE RESULTS OVER SERVICE LATERALS. THERE SHALL BE A MINIMUM OF ONE (1) TEST SERIES FOR EACH 12 INCHES OF LIFT OVER PIPELINE BETWEEN MANHOLE. TESTS AROUND STRUCTURES SHALL BE SPIRALED IN 12 INCH LIFTS.

FOR FLEXIBLE PIPE (CORRUGATED STEEL OR ALUMINUM), 95% OF MAXIMUM DENSITY (AASHTO-T99) PER FOOT SUPPLEMENTAL SPECIFICATIONS SUB ARTICLE 125-8.3.2 AS MODIFIED.

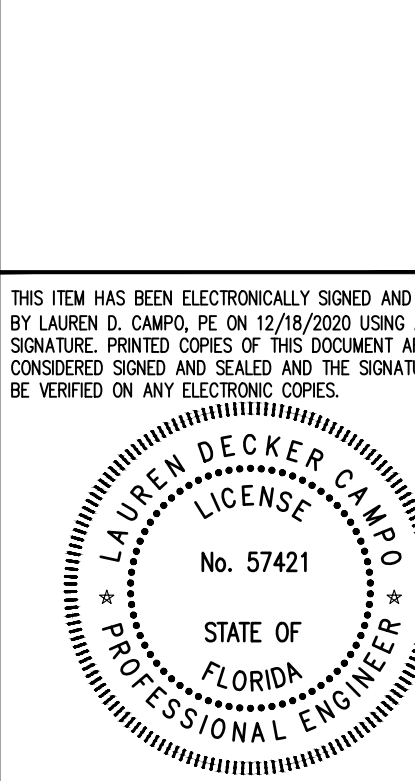
TESTS SHALL BE LOCATED NO MORE THAN 500 FEET APART. THERE SHALL BE NO LESS THAN ONE (1) TEST PER STREET.

1315 E. SEVENTH AVENUE
SUITE 106
TAMPA, FLORIDA 33605.3607

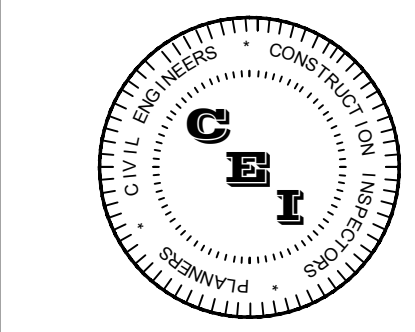
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Lauren D. Campo P.E. # 57421 12/18/2020



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ENGINEERING, INC.
FIPS REGISTRY NO. 3571

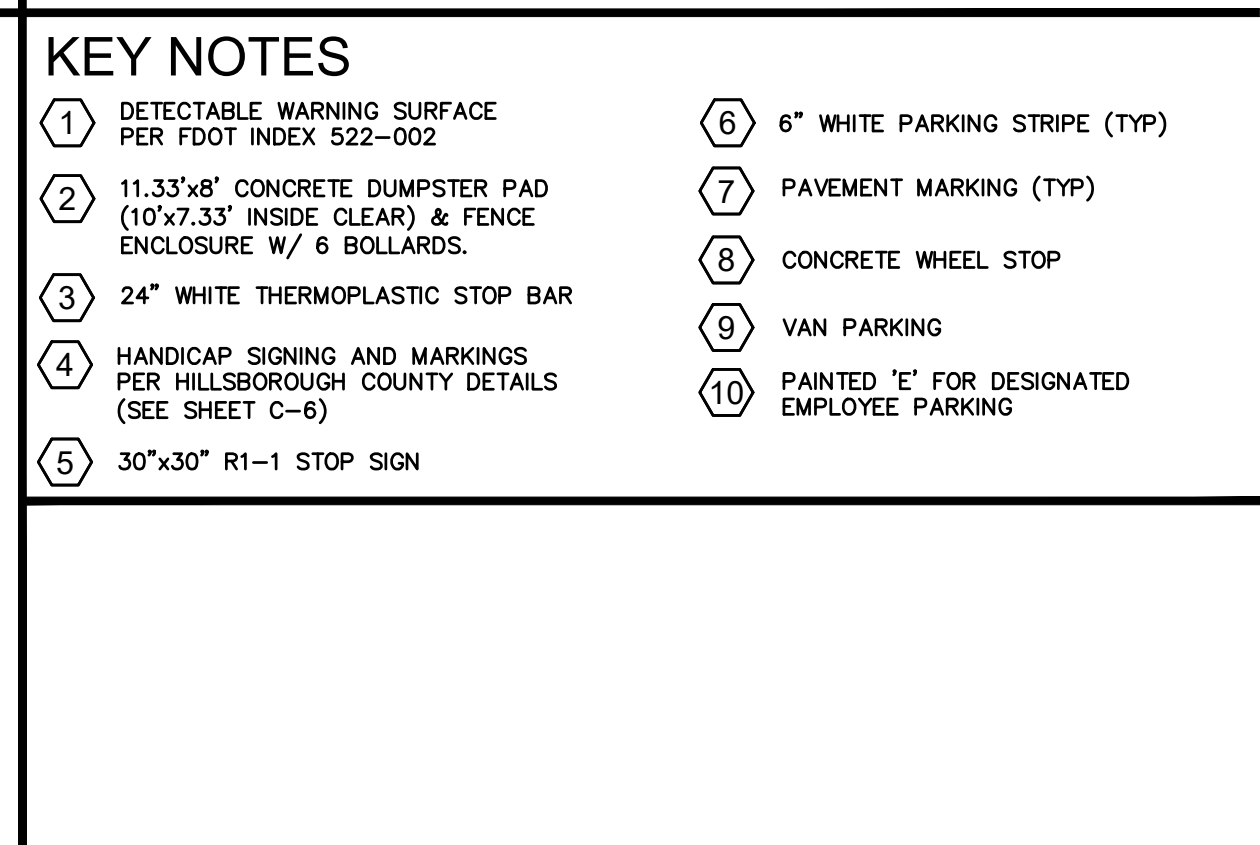
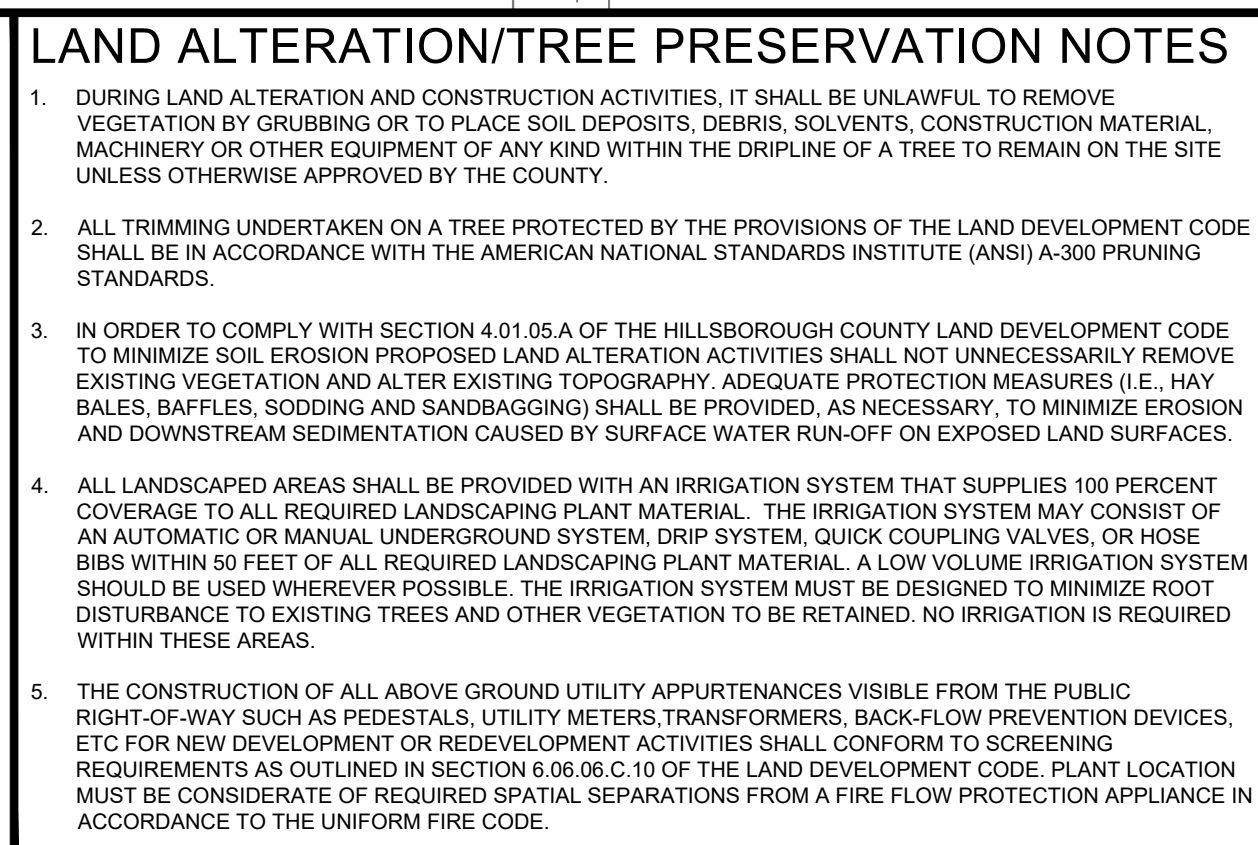
1725 EAST 5TH AVENUE
TAMPA, FL 33605
PHONE: (813) 215-7372
FAX: (813) 902-8782

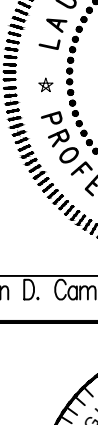
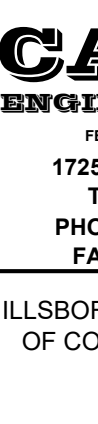
HILLSBOROUGH COUNTY BOARD
OF COUNTY COMMISSIONERS
COUNTY CENTER
601 E KENNEDY BLVD
TAMPA, FL 33601

PROJECT #: 2010-00
DISTRIBUTION DATE
SCHEMATIC DESIGN 05.01.2020
DESIGN DEVELOPMENT 06.11.2020
90% CONST DOCS 08.19.2020
PERMIT SET 12.21.2020

GENERAL NOTES
& DETAILS

C-2



<p>1315 E. SEVENTH AVENUE SUITE 106 TAMPA, FLORIDA 33605.3607</p> <p>TELEPHONE 813.242.6677 TOLL FREE 877.286.9895 FACSIMILE 813.242.6683</p> <p style="text-align: center;">wilderarchitecture.com</p> <p style="text-align: right;">AA26000655</p>	WILDERARCHITECTURE, INC.																		
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<p>Lauren D. Campo P.E. # 57421 12/18/2020</p>																			
 <p>CAMPO ENGINEERING, INC.</p> <p>FBIIR REGISTRY NO.: 28726</p> <p>1725 EAST 5TH AVENUE TAMPA, FL. 33605</p> <p>PHONE: (813) 215-7372 FAX: (813) 902-8782</p>																			
<p>HILLSBOROUGH COUNTY BOARD OF COUNTY COMMISSIONERS COURTY CENTER 601 E KENNEDY BLVD TAMPA, FL 33601</p>																			
HILLSBOROUGH COUNTY NORTHWEST AREA HEAD START																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">PROJECT # : 2010-00</td> </tr> <tr> <td style="width: 50%;">DISTRIBUTION</td> <td>DATE</td> </tr> <tr> <td>SCHEMATIC DESIGN</td> <td>05.01.2020</td> </tr> <tr> <td>DESIGN DEVELOPMENT</td> <td>06.11.2020</td> </tr> <tr> <td>90% CONST DOCS</td> <td>08.19.2020</td> </tr> <tr> <td>PERMIT SET</td> <td>12.21.2020</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		PROJECT # : 2010-00		DISTRIBUTION	DATE	SCHEMATIC DESIGN	05.01.2020	DESIGN DEVELOPMENT	06.11.2020	90% CONST DOCS	08.19.2020	PERMIT SET	12.21.2020						
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PERMIT SET	12.21.2020																		
<h2 style="margin: 0;">SITE PLAN</h2>																			
<h1 style="margin: 0;">C-4</h1>																			

NATURAL RESOURCES NOTES

- CURBING WITHIN THE DRIPLINE OF EXISTING TREES SHOULD BE POURED ON GRADE. THIS APPLIES TO ANY SIDEWALKS INSTALLED WITHIN THE DRIPLINES OF TREES OVER 12" DBH.
- ALL TREE ROOTS EXISTING WITHIN APPROVED IMPROVEMENT AREAS AND ORIGINATING FROM A PROTECTED TREE, SHALL BE SEVERED CLEAN AT THE LIMITS OF THE PRESERVED AREA. THE ROOT PRUNING EQUIPMENT SELECTED WILL BE EQUIVALENT TO A DOSKO ROOT CUTTER. THE CONTRACTOR MUST CONTACT NATURAL RESOURCES AT (813) 276-6399 TO SCHEDULE A ROOT PRUNING INSPECTION, PREFERABLY THE SAME DAY, PRIOR TO BACKFILLING THE AFFECTED ROOTS.
- THE CONSTRUCTION OF ALL ABOVE GROUND UTILITY APPURTENANCES VISIBLE FROM THE PUBLIC RIGHT-OF-WAY SUCH AS PEDESTALS, UTILITY METERS, TRANSFORMERS, BACK-FLOW PREVENTION DEVICES, ETC FOR NEW DEVELOPMENT OR REDEVELOPMENT ACTIVITIES SHALL CONFORM TO SCREENING REQUIREMENTS AS OUTLINED IN SECTION 6.06.06 C.10 OF THE LAND DEVELOPMENT CODE. PLANT LOCATION MUST COMPLY WITH REQUIRED SPATIAL SEPARATIONS FROM A FIRE FLOW PROTECTION APPLIANCE IN ACCORDANCE TO THE UNIFORM FIRE CODE, AND MUST BE LOCATED A MINIMUM OF 5' FROM WATER METER ASSEMBLIES PER WATER, WASTEWATER AND RECLAIMED WATER TECHNICAL SPECIFICATIONS SPEC 331001, PART 2.6.4.2.
- FOR ABOVE GROUND UTILITY APPURTENANCES ILLUSTRATED ON THE PLANS, THE TYPE OF SCREENING MUST BE CLEARLY NOTED TO MATCH THE OVERALL HEIGHT FOR THE TYPE OF ABOVE GROUND UTILITY SPECIFIED ON THE PLANS. UTILIZATION OF EVERGREEN PLANT MATERIAL MUST BE DESCRIBED BY SPECIES, SPACING AND OVERALL HEIGHT FOR THE TYPE OF UTILITY TO BE SCREENED. UTILIZATION OF OPAQUE FENCING OR OTHER SCREENING MATERIAL IS PERMITTED. THE METER ASSEMBLY MUST BE ACCESSIBLE BY BOOM TRUCK OFF A COUNTY RIGHT-OF-WAY OR AN INTERIOR PAVED ACCESS ROAD AT LEAST 12" IN WIDTH PER SPEC 331001, PART 2.6.4. DO NOT INSTALL ANY SCREENING THAT WILL HINDER ACCESS IN THE FUTURE TO THE METER ASSEMBLY FROM THE INTERIOR OF THE SITE.
- FOR COMMERCIAL SITE DEVELOPMENT PROJECTS, NO MORE THAN 50% OF THE LANDSCAPED AREA MAY BE PLANTED WITH SHALLOW-ROOTED (I.E. ST. AUGUSTINE) TURF GRASS VARIETIES. THESE TURF GRASS VARIETIES SHALL BE CONSOLIDATED IN AND LIMITED TO AREAS THAT ARE PROVIDED WITH CENTRAL AUTOMATIC IRRIGATION SYSTEMS. A METHOD OF STABILIZATION MUST BE SHOWN ON THE SITE DEVELOPMENT CONSTRUCTION PLANS (TYPICALLY IN THE FORM OF THIS COMPLETE NOTE).
- ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.

LAND ALTERATION/TREE PRESERVATION NOTES

- DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE COUNTY.
- ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.
- IN ORDER TO COMPLY WITH SECTION 4.01.05 A OF THE HILLSBOROUGH COUNTY LAND DEVELOPMENT CODE TO MINIMIZE SOIL EROSION PROPOSED LAND ALTERATION ACTIVITIES SHALL NOT UNNECESSARILY REMOVE EXISTING VEGETATION AND ALTER EXISTING TOPOGRAPHY. ADEQUATE PROTECTION MEASURES (I.E. HAY BALES, BARRIERS, SODDING AND SANDBAGGING) SHALL BE PROVIDED, AS NECESSARY, TO MINIMIZE EROSION AND DOWNSTREAM SEDIMENTATION CAUSED BY SURFACE WATER RUN-OFF ON EXPOSED LAND SURFACES.
- ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM THAT SUPPLIES 100 PERCENT COVERAGE TO ALL REQUIRED LANDSCAPING PLANT MATERIAL. THE IRRIGATION SYSTEM MAY CONSIST OF AN AUTOMATIC OR MANUAL UNDERGROUND SYSTEM, DRIP SYSTEM, QUICK COUPLING VALVES, OR HOSE BIBS WITHIN 50 FEET OF ALL REQUIRED LANDSCAPING PLANT MATERIAL. A LOW VOLUME IRRIGATION SYSTEM SHOULD BE USED WHEREVER POSSIBLE. THE IRRIGATION SYSTEM MUST BE DESIGNED TO MINIMIZE ROOT DISTURBANCE TO EXISTING TREES AND OTHER VEGETATION TO BE RETAINED. NO IRRIGATION IS REQUIRED WITHIN THESE AREAS.
- THE CONSTRUCTION OF ALL ABOVE GROUND UTILITY APPURTENANCES VISIBLE FROM THE PUBLIC RIGHT-OF-WAY SUCH AS PEDESTALS, UTILITY METERS, TRANSFORMERS, BACK-FLOW PREVENTION DEVICES, ETC FOR NEW DEVELOPMENT OR REDEVELOPMENT ACTIVITIES SHALL CONFORM TO SCREENING REQUIREMENTS AS OUTLINED IN SECTION 6.06.06 C.10 OF THE LAND DEVELOPMENT CODE. PLANT LOCATION MUST BE CONSIDERATE OF REQUIRED SPATIAL SEPARATIONS FROM A FIRE FLOW PROTECTION APPLIANCE IN ACCORDANCE TO THE UNIFORM FIRE CODE.

LEGEND

---	PROPERTY LINE		CROSS SECTION NAME
EC	PROPOSED SILT FENCE		CROSS SECTION SHEET LOCATION
	PROPOSED BUILDING		PROPOSED STORM PIPE
	PROPOSED HEAVY DUTY ASPHALT		STORM STRUCTURE OR PIPE NUMBER
	PROPOSED SIDEWALK CONCRETE		FLOW ARROW
	EXISTING ASPHALT PAVEMENT		PAVEMENT SLOPE
	PROPOSED ASPHALT PAVEMENT		PROPOSED SPOT GRADE
			PROPOSED GRASS PARKING
			PROPOSED PLAYGROUND

GENERAL NOTES

- ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH HILLSBOROUGH COUNTY AND FLORIDA DEPARTMENT OF EDUCATION STANDARDS AND SPECIFICATIONS, LATEST EDITIONS.
- SOD ALL AREAS IN EXISTING RIGHT-OF-WAYS DISTURBED BY CONSTRUCTION.
- CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO, PUBLIC RIGHT-OF-WAYS WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.
- CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR THE OWNER PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE TREES.
- ADJUSTING MANHOLE TOPS TO MATCH GRADE AND SLOPE OF THE FINISH PAVING SHALL BE INCLUDED IN THE RESPECTIVE CONTRACT UNIT PRICE FOR MANHOLES. PAYMENT OF WHICH WILL CONSTITUTE FULL COMPENSATION FOR THE CONSTRUCTION AND COMPLETION OF THE MANHOLE, AND NO ADDITIONAL PAYMENT WILL BE ALLOWED OR MADE FOR ADJUSTING MANHOLE TOPS.
- ALL FINISH FLOOR ELEVATIONS (FFE) ARE MINIMUMS.
- SLOPE PERIMETER GRADE TO MATCH EXISTING GRADE AT 4:1 MAXIMUM.
- ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATIVE MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETER SOIL DISTURBANCE. SODDING, PLUGGING, SPRIGGING OR SEEDING IS ACCEPTABLE FOR STABILIZATION; HOWEVER, SODDING MAY BE REQUIRED IN AREAS OF EROSION-PRONE SOILS OR WHERE SLOPES ARE GREATER THAN 5:1 VEGETATION OTHER THAN GRASS IS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
- ALL GRADING OF SIDEWALKS AND PEDESTRIAN WALKWAYS SHALL MEET MINIMUM ADA STANDARDS. SIDEWALK CROSS SLOPES AND DRIVEWAY CROSSINGS FOR SIDEWALKS TO BE 2.0% MAX. SLOPE. ALL SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 5% WITHOUT USE OF PROPER RAMPS PER FDOT OR FLORIDA BUILDING CODE. CONTRACTOR SHALL FIELD VERIFY SIDEWALK FORM BOARDS PRIOR TO CONSTRUCTING WALKWAYS.
- CONTRACTOR SHALL WRAP ALL INLET GRATES WITH FILTER FABRIC UPON INSTALLATION. FABRIC TO BE REMOVED UPON COMPLETION OF BUILDING CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL CONTRACTOR RELATED PERMITS.
- EXISTING GRADES ARE BASED ON NAVD 1988.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE EXTENTS OF PAVEMENT RESTORATION BASED ON HIS MEANS AND METHODS OF INSTALLING WATER, SEWER AND STORMWATER INFRASTRUCTURE ADJACENT TO OR UNDER EXISTING PAVEMENT AREAS. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING LOCAL MUNICIPALITY AND STATE STANDARDS WHEN RESTORING PAVEMENT AND NOT SOLELY RELY ON CIVIL PLANS.
- CONTRACTOR MUST VERIFY ALL EXISTING WATER, SEWER AND STORM WATER INFRASTRUCTURE WITHIN THE RIGHT OF WAY PRIOR TO ORDERING STRUCTURES. THE CONTRACTOR SHALL PROVIDE THE ENGINEER VERTICAL AND HORIZONTAL LOCATIONS OF INFRASTRUCTURE IN ORDER TO VERIFY ANY POTENTIAL CONFLICTS PRIOR TO ORDERING STRUCTURES.

STRUCTURE DATA

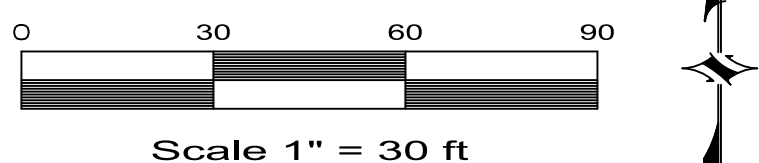
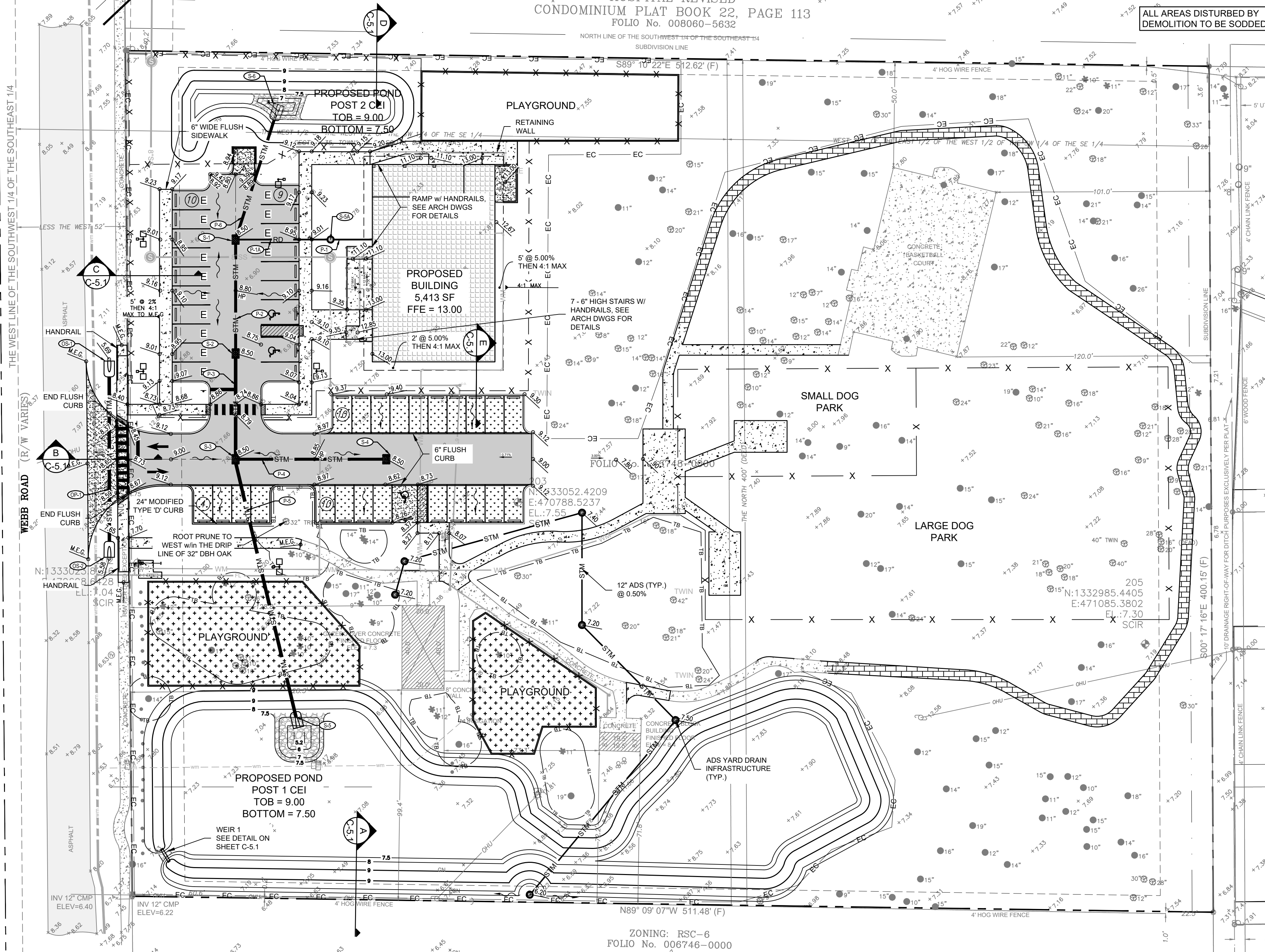
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PER INDEX 425-052
GRATE EL = 8.50
INV EL = 5.90 (W)
- S-5** 18" MES
INV EL = 5.13
- S-5A** INLINE DRAIN
TOP EL = 8.75
- S-6** 18" MES
INV EL = 6.00
- OS-1** 18" MES
INV EL = 5.69
- OS-2** 18" MES
INV EL = 5.58

PIPE DATA

- P-1** 73 LF 10" PVC RD @ 1.00%
- P-2** 53 LF 15" CLASS VI RCP @ 0.38%
- P-3** 50 LF 18" CLASS VI RCP @ 0.40%
- P-4** 70 LF 15" CLASS VI RCP @ 0.29%
- P-5** 130 LF 18" CLASS VI RCP @ 0.2%
- P-6** 60 LF 18" CLASS VI RCP @ 0.32%
- OP-1** 93 LF 14"x23" CLASS VI ERCP @ 0.12%

FLOOD ZONE

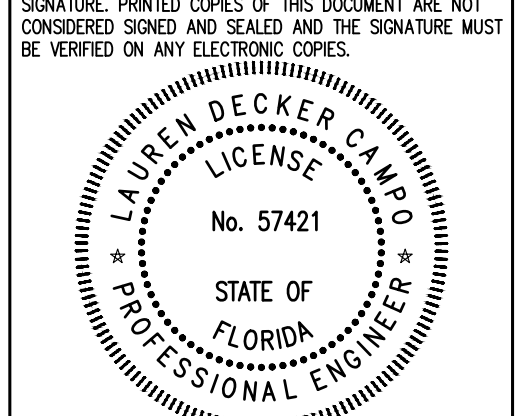
THE SITE IS LOCATED WITHIN FLOOD ZONE "AE" (BASE FLOOD ELEVATION (BFE) OF 12.0' (NAVD88) PER FEMA FIRM COMMUNITY PANEL 12057C0027J, THAT HAS A PRELIMINARY EFFECTIVE DATE OF 10/26/2018. ALSO, THE COUNTY'S APPROVED SWMM MODEL INDICATES THE 100-YEAR FLOOD ELEVATION WITHIN THE VICINITY OF THIS SITE IS 7.64' FOR THE WEST SIDE AND 8.04' FOR THE EAST SIDE.



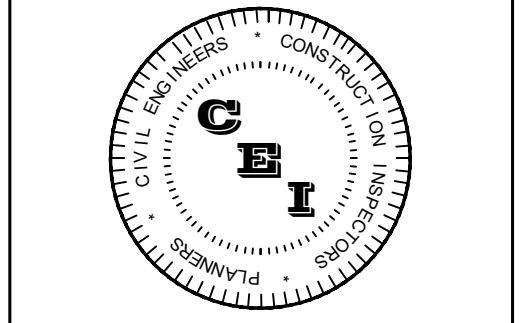
1315 E. SEVENTH AVENUE
SUITE 106
TAMPA, FLORIDA 33605.3607
TELEPHONE 813.242.6677
TOLL FREE 877.286.9895
FACSIMILE 813.242.6683
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Lauren D. Campo P.E. # 57421 12/18/2020



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FIRM REGISTRY NO. 3575
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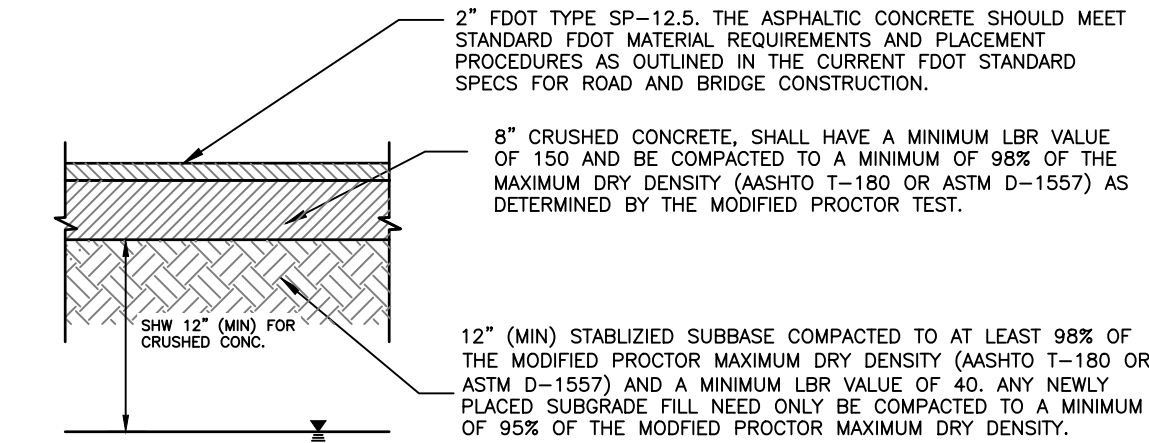
HILLSBOROUGH COUNTY BOARD
OF COUNTY COMMISSIONERS
COUNTY CENTER
601 E KENNEDY BLVD
TAMPA, FL 33601

PROJECT #:	2010-00
DISTRIBUTION	DATE
SCHEMATIC DESIGN	05.01.2020
DESIGN DEVELOPMENT	06.11.2020
90% CONST DOCS	08.19.2020
PERMIT SET	12.21.2020

**PAVING,
GRADING &
DRAINAGE PLAN**

C-5

G:\Projects\19-026 - HC Church Park Improvements\Drawings\Design & Construction\19-026 - PQD Plan.dwg - Printed Dec 17, 2020-3:42pm by Justina

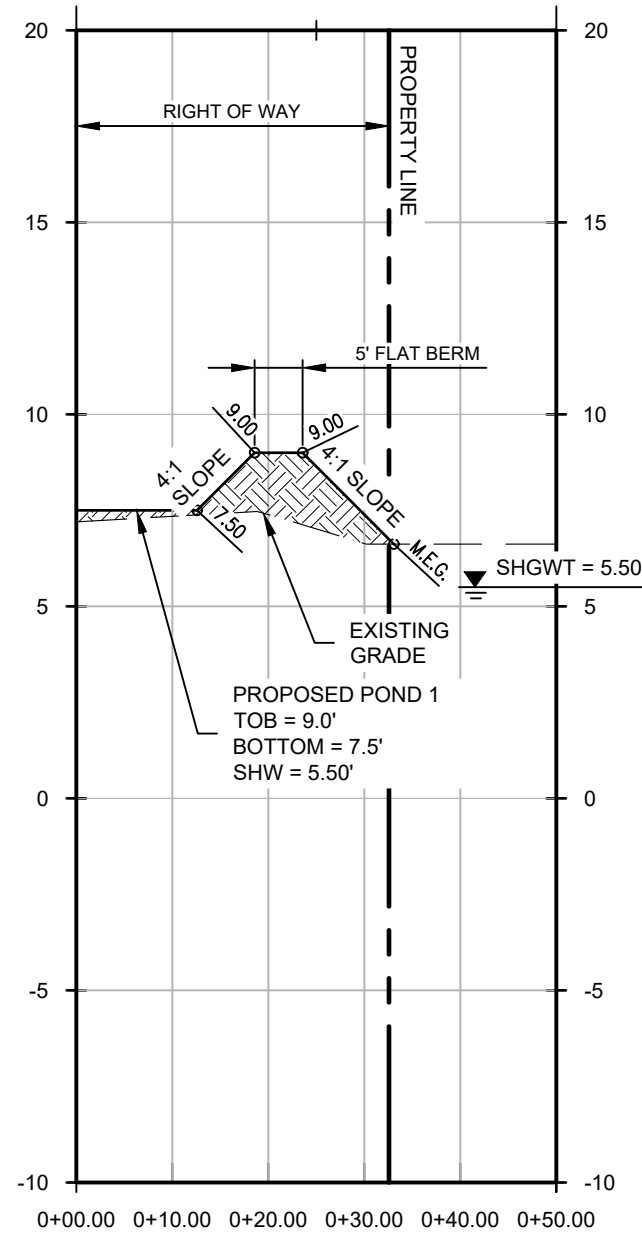


- NOTES:
- CONTRACTOR MUST INSTALL PAVEMENT AS SMOOTH AS POSSIBLE & KEEP IT FREE OF ANY MARKS, SCRAPES, GOUGES, TIRE MARKS, ETC., THAT MIGHT BE CAUSED BY CONSTRUCTION TRAFFIC & EQUIPMENT.
 - CONTRACTOR SHALL LIMIT PLACING THE ASPHALT PAVEMENT COURSE UNTIL ALL OTHER CONSTRUCTION IS COMPLETE & NO OTHER CONSTRUCTION TRAFFIC IS ANTICIPATED.

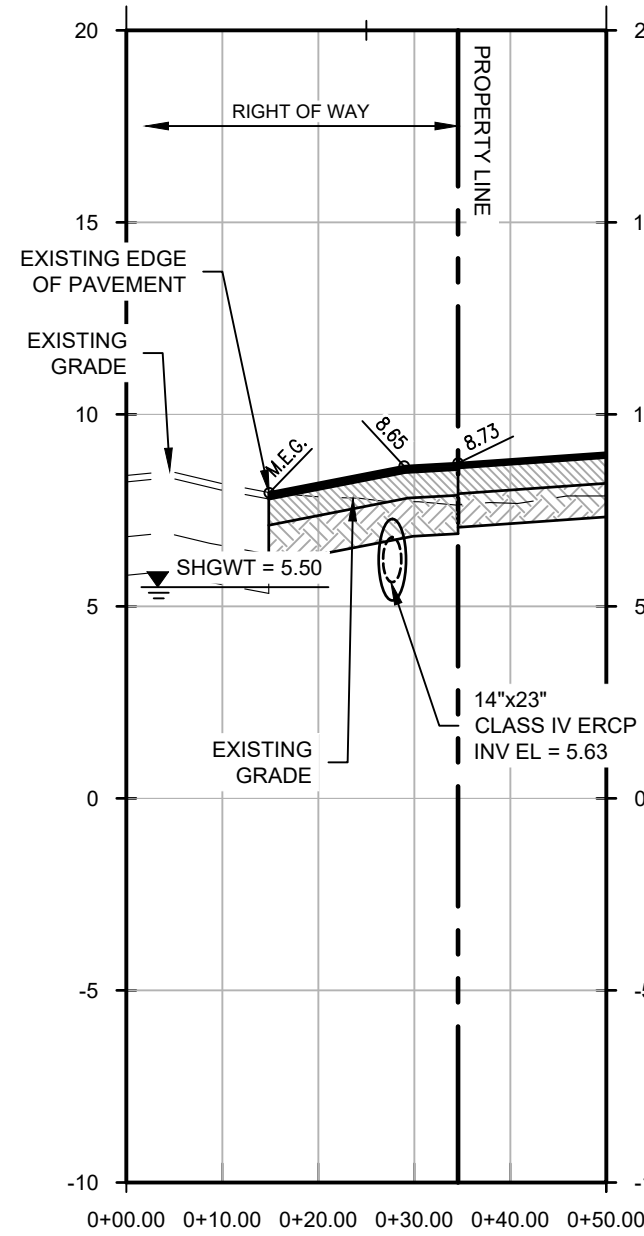
ONSITE ASPHALT PAVEMENT SECTION

NTS

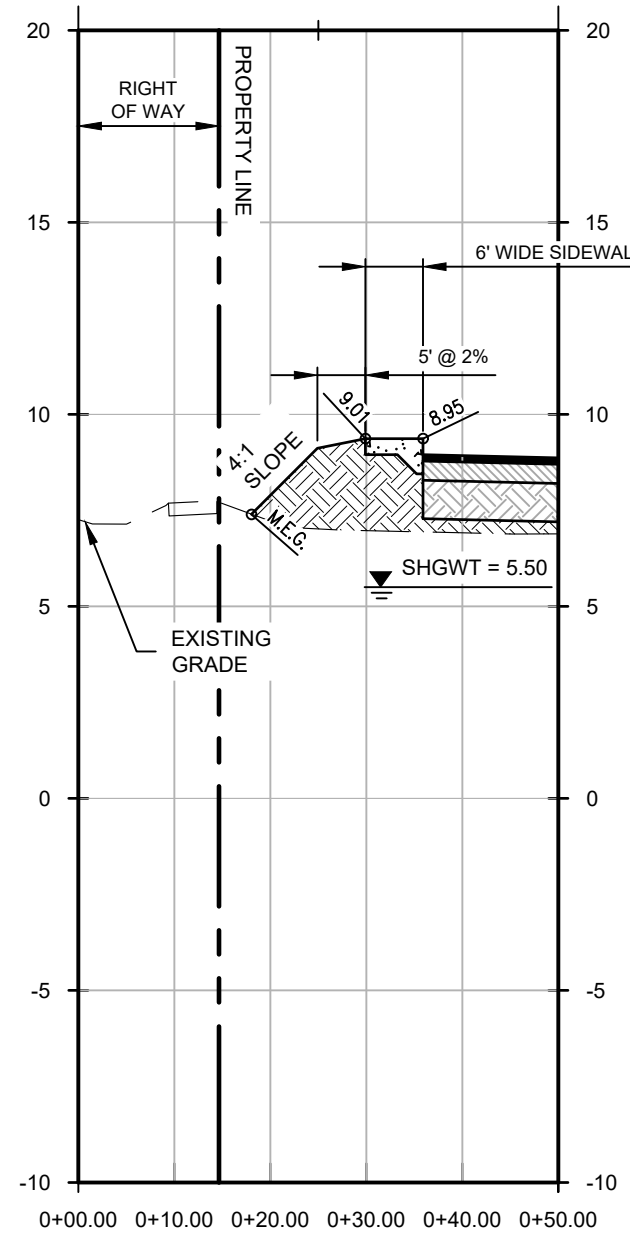
PAVEMENT SECTIONS PER
GEOTECHNICAL REPORT BY
AREHNA, INC DATED JULY 10,
2020



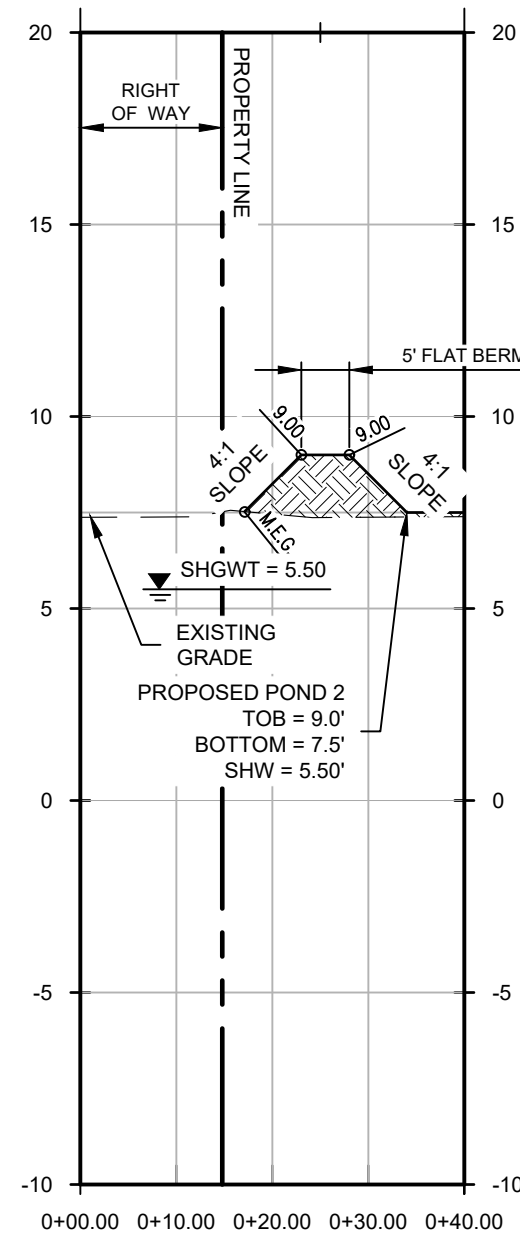
CROSS SECTION A
SCALE: 1"=20' HORIZ.
1"=5' VERT.



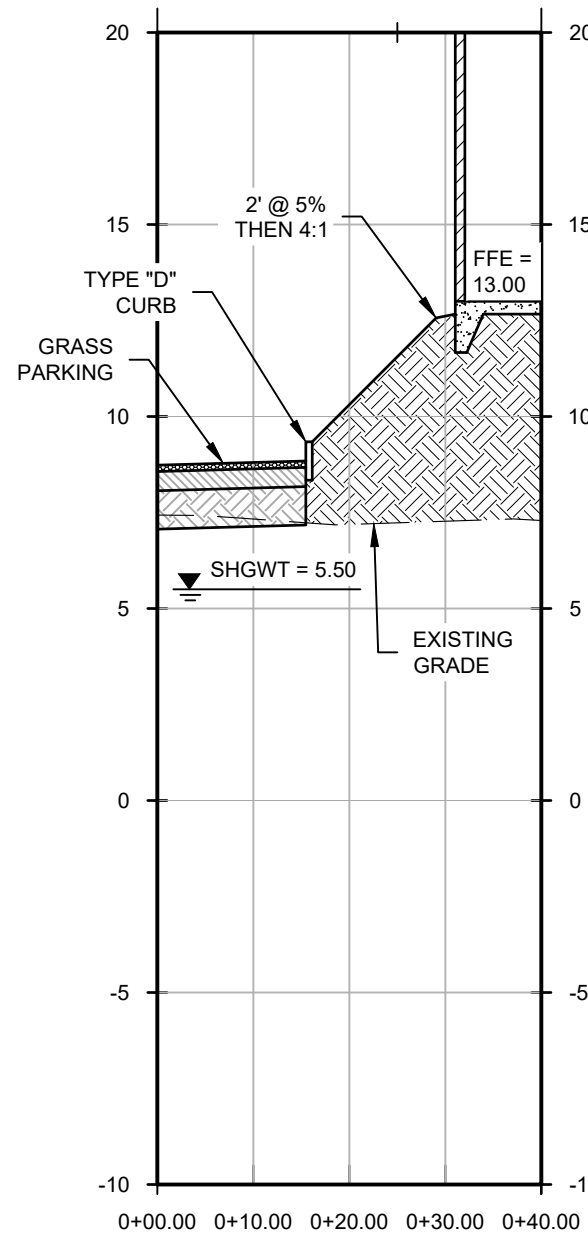
CROSS SECTION B
SCALE: 1"=20' HORIZ.
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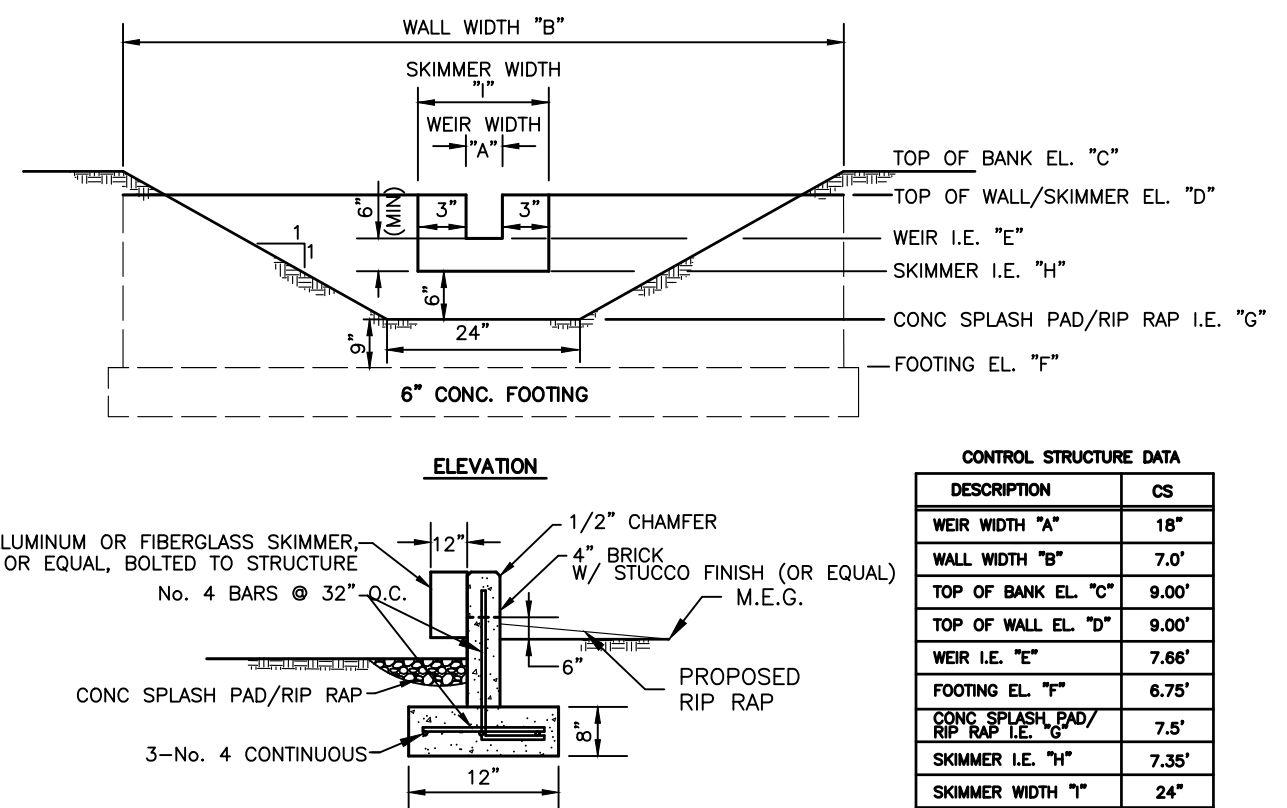
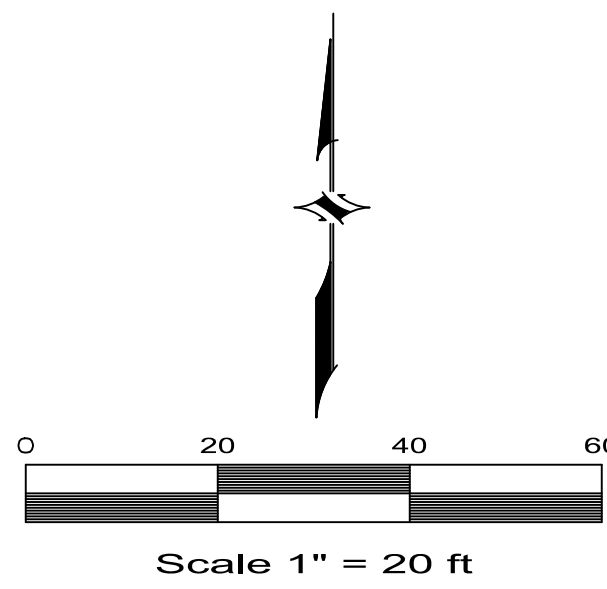
CROSS SECTION C
SCALE: 1"=20' HORIZ.
1"=5' VERT.



CROSS SECTION D
SCALE: 1"=20' HORIZ.
1"=5' VERT.



CROSS SECTION E
SCALE: 1"=20' HORIZ.
1"=5' VERT.

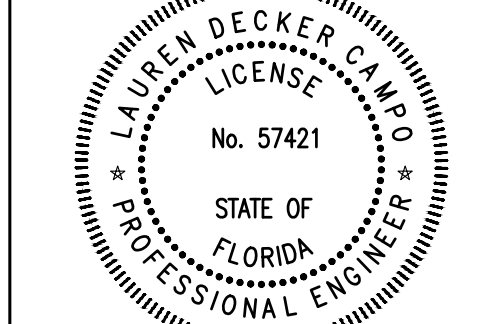


WEIR 1 (CONCRETE OVERFLOW DETAIL)
NTS

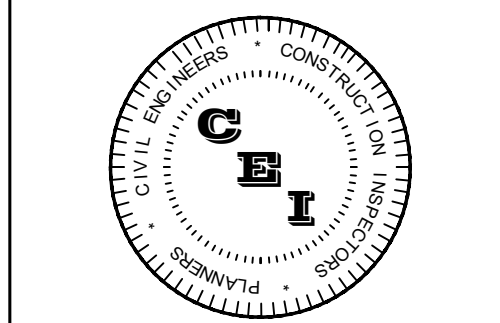
CONTROL STRUCTURE DATA	
DESCRIPTION	CS
WEIR WIDTH "A"	18"
WALL WIDTH "B"	7.0'
TOP OF BANK EL. "C"	8.00'
TOP OF WALL EL. "D"	9.00'
WEIR I.E. "E"	7.66'
FOOTING EL. "F"	6.75'
CONC SPLASH PAD/ RIP RAP I.E. "G"	7.5'
SKIMMER I.E. "H"	7.35'
SKIMMER WIDTH "I"	24"

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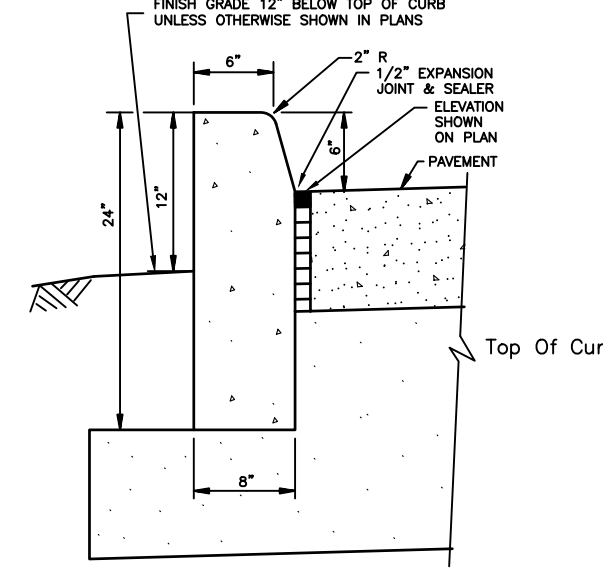
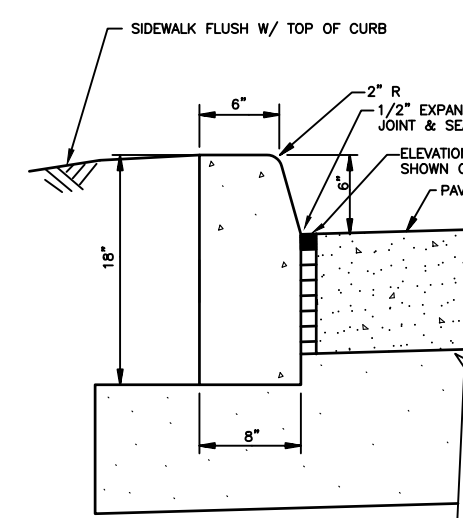
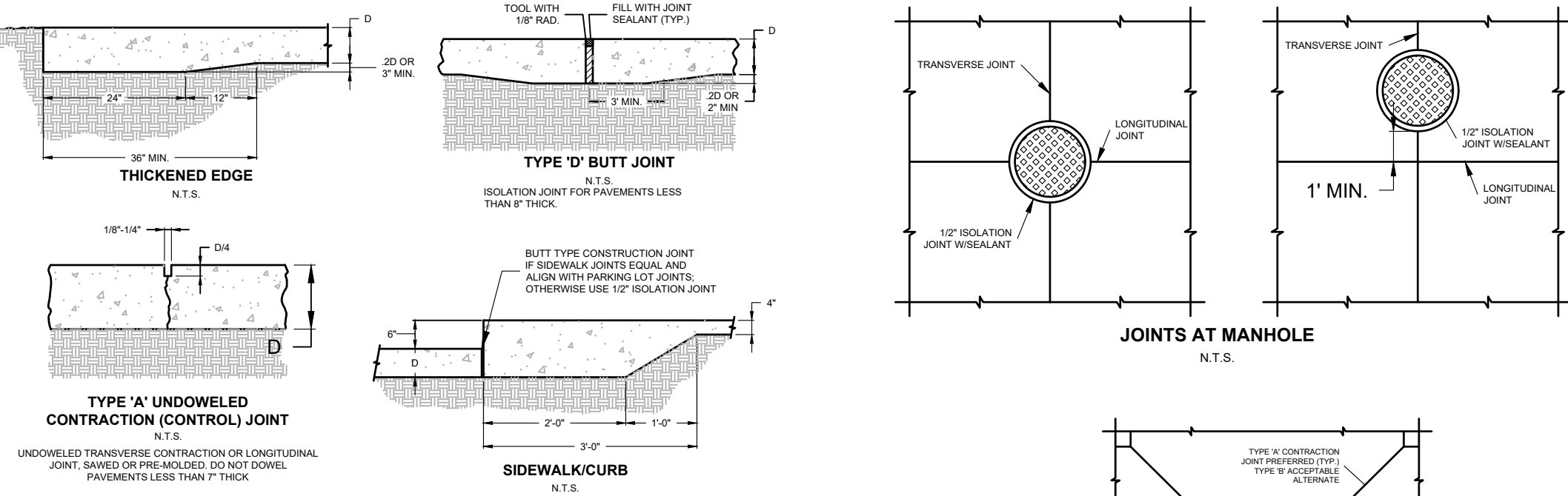
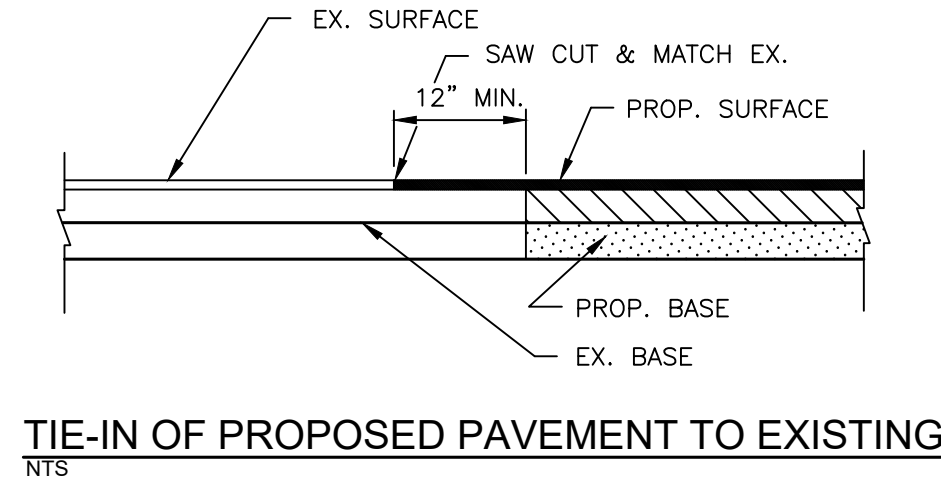
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FBRP REGISTRY NO.: 26725
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CROSS SECTIONS

C-5.1



NOTE: ALL CONCRETE SHALL BE 4,000 PSI CONCRETE.

CURB & CURB AND GUTTER DETAILS (FDOT INDEX 520-001)

OPERATION

THE PROJECT'S STORMWATER MANAGEMENT SYSTEM IS A GRAVITY OPERATED SYSTEM AND REQUIRES NO OPERATOR ACTION.

MAINTENANCE

- DITCHES AND SWALES: ALL DITCHES AND SWALES SHALL BE PERIODICALLY MOWED AND CLEANED. DURING THE MOWING OPERATION, DITCHES AND SWALES SHALL BE INSPECTED FOR BARE SPOTS, DAMAGE, AND EROSION. ANY BARE SPOTS GREATER THAN ONE (1) SQUARE FOOT IN AREA SHALL BE SEEDED OR SODDED TO REPLACE THE GRASS COVER. IN CASE OF EROSION OR DAMAGE WHERE UNDERLYING SOIL IS MISSING, THE MISSING SOIL SHALL BE REPLACED AND THE AREA BROUGHT BACK TO GRADE THEN SEEDED OR SODDED AS REQUIRED.
- INLET GRATES: INLET GRATES WILL BE CHECKED MONTHLY FOR DAMAGE OR BLOCKAGE. ANY DAMAGED GRATES WILL BE REPLACED OR REPAIRED. ANY DEBRIS BLOCKING FULL FLOW THROUGH THE GRATE WILL BE REMOVED.
- PIPES AND INLETS: PIPES AND INLETS WILL BE INSPECTED YEARLY FOR DAMAGE OR BLOCKAGE. ANY DAMAGED PIPES OR INLETS WILL BE REPAIRED OR REPLACED. ANY TRASH, DEBRIS, OR SAND DEPOSITS WILL BE REMOVED.
- PONDS: ALL PONDS SHALL BE PERIODICALLY MOWED AND CLEANED. DURING THE MOWING OPERATION, PONDS SHALL BE INSPECTED FOR BARE SPOTS, DAMAGE, AND EROSION. ANY BARE SPOTS GREATER THAN ONE (1) SQUARE FOOT IN AREA SHALL BE SEEDED OR SODDED TO REPLACE THE GRASS COVER. IN CASE OF EROSION OR DAMAGE WHERE UNDERLYING SOIL IS MISSING, THE MISSING SOIL SHALL BE REPLACED AND THE AREA BROUGHT BACK TO GRADE THEN SEEDED OR SODDED AS REQUIRED.

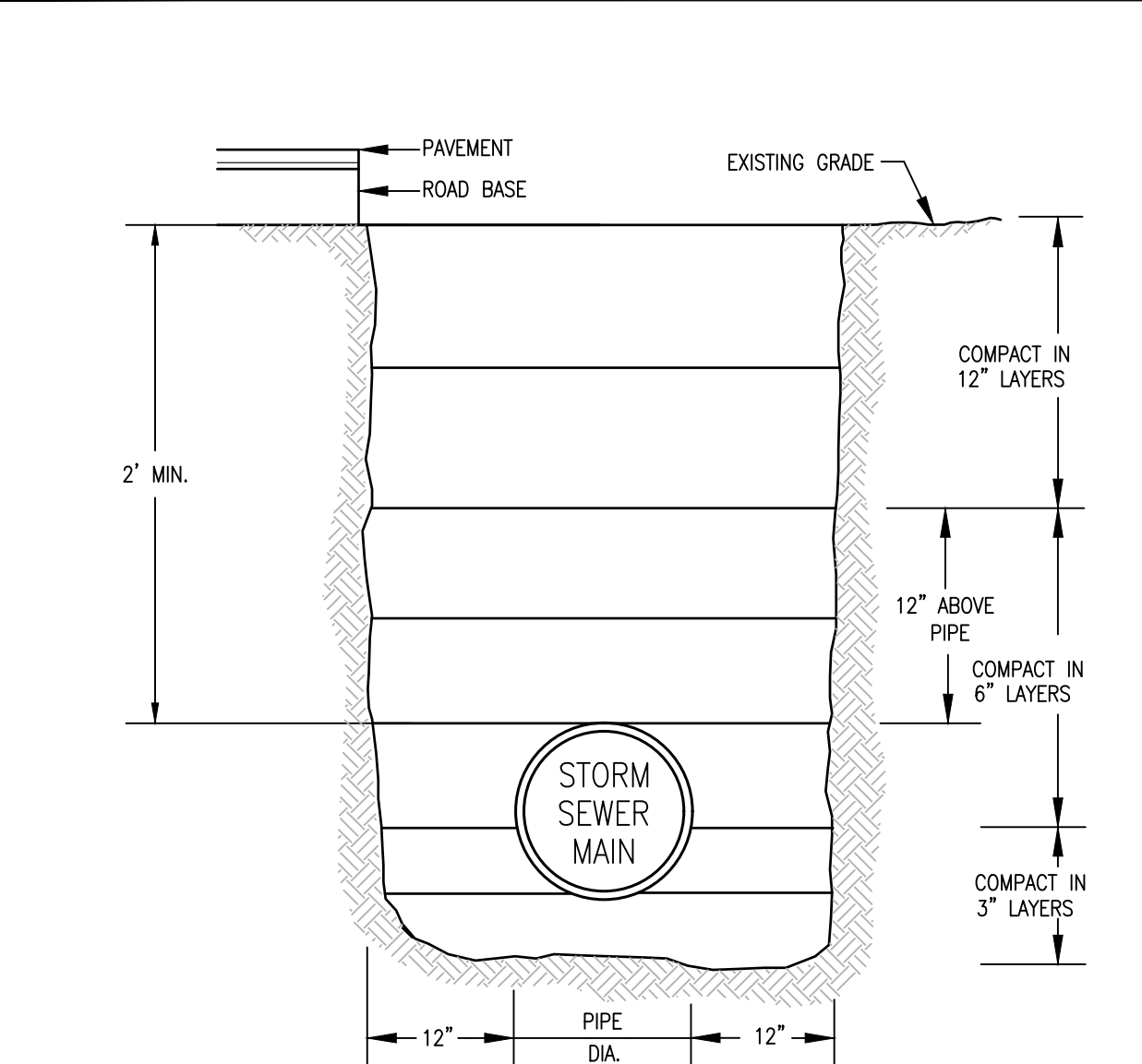
STORMWATER OPERATION & MAINTENANCE INSTRUCTIONS

GENERAL NOTES:

- USE ACI OR FCPA CERTIFIED FLATWORK FINISHER
- USE ACI 308R-01 GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS
- USE ACI 308-1-04 STANDARD SPECIFICATION FOR PLAIN CONCRETE PARKING LOTS
- ALL CONCRETE USED IN PARKING LOT, UNLESS OTHERWISE INDICATED, SHALL HAVE A COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- PREPARE THE SUBGRADE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS FOR ROAD PAVEMENTS. SUBGRADE SOIL DENSITY TESTING MUST BE COMPLETED AND VERIFIED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT.
- IMPORTED SOIL USE FOR BACK FILL SHOULD BE FREE OF HEAVY CLAY, SILTS, STONES, PLANT ROOT OR OTHER FOREIGN MATERIAL GREATER THAN 1/2" IN DIAMETER IN ORDER TO ACHIEVE ADEQUATE COMPACTION AROUND ANY FIXED OBJECT IN GROUND. ALTERNATE WILL BE TO USE FLOWABLE FILL.
- LAYOUT CONTROL JOINT BY STARTING WITH ANY DRAINAGE INLET WITHIN THE PAVEMENT SECTION AND WORK TOWARD EDGE OF PAVEMENT.
- KEEP ALL JOINTS CONTINUOUS
- CONTROL JOINTS SHALL BE FORMED OR SAVED WITHIN 12 HOURS FROM TIME OF PLACEMENT:
 - SIDEWALK SPACING SHALL BE SAME AS WIDTH OF PAVEMENT AND LESS THAN 5 FEET IN LENGTH
 - PAVEMENT MAXIMUM SPACING SHALL BE 2.5 TIMES THICKNESS IN UNIT OF FEET AND LESS THAN 15 FEET IN LENGTH (E.G. 1-1/4" INCH SPACING AT 10x10)
- CURE CONCRETE IMMEDIATELY AFTER FINISHING OPERATION IS COMPLETED BY USING ONE OF THE FOLLOWING METHODS: WATER, PIGMENTED WATER-BASED CURING COMPOUND OR VISCQUEEN AND BURLAP

CONCRETE JOINT DETAILS

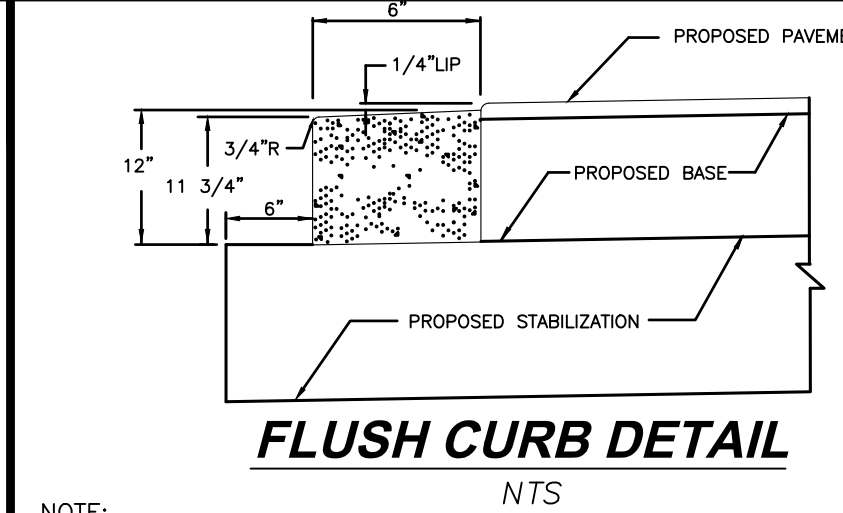
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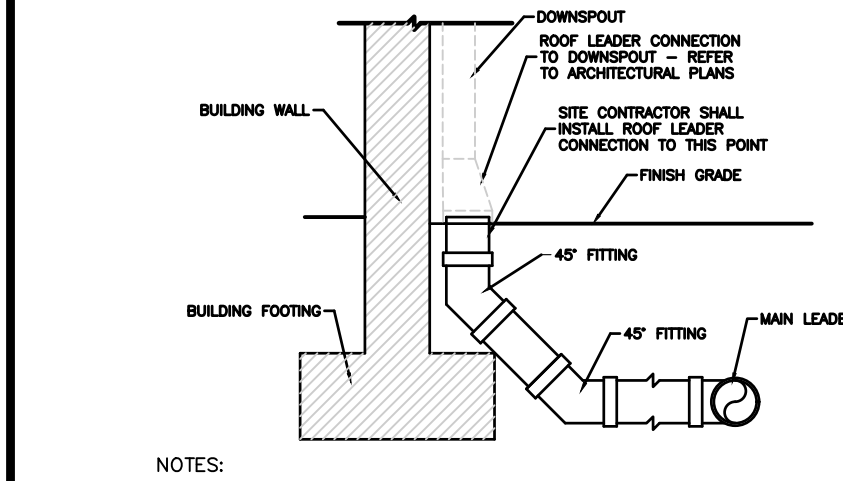
- NOTES:
- TRENCHES LOCATED UNDER PAVEMENT SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY BY A.A.S.H.T.O. T-99, METHOD C.
 - TRENCHES NOT LOCATED UNDER PAVEMENT SHALL BE COMPACTED TO A FIRMNESS EQUAL TO THAT OF THE SOIL ADJACENT TO THE TRENCH.
 - REPLACEMENT OF PAVED SURFACES SHALL BE MADE IN ACCORDANCE TO APPLICABLE LOCAL REGULATIONS.

TRENCH BACKFILL DETAIL

NTS



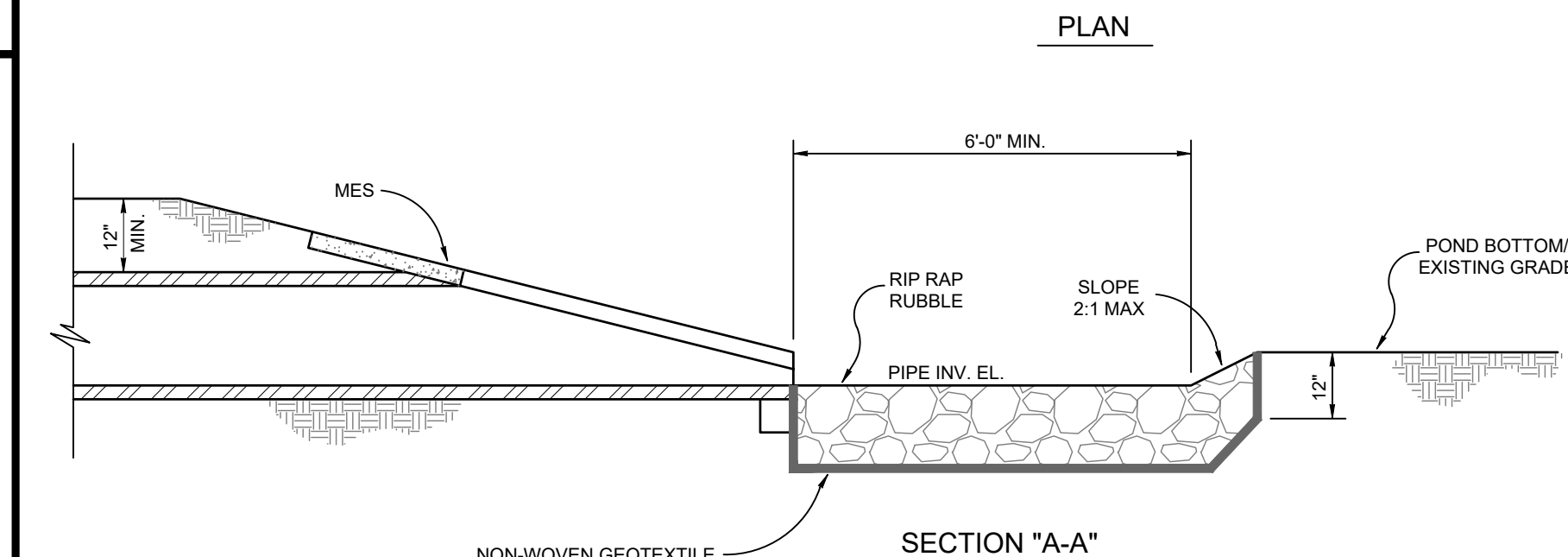
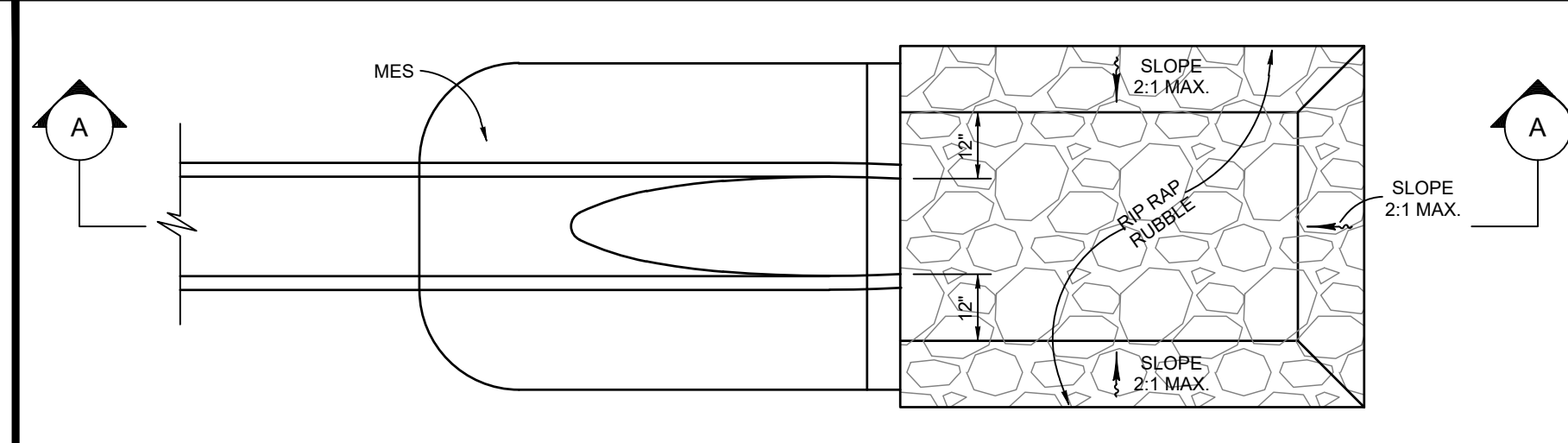
- NOTE:
- 1/2" EXPANSION JOINT EVERY 500' BETWEEN CURB SECTIONS.
 - AT RAIL END OF POUR AND STRUCTURES. (PAUSE JOINTS EVERY 10', LONGITUDINALLY. SEE SECTION 520 OF THE FDOT STANDARD SPECIFICATIONS.)



- NOTES:
- REFER TO SITE PLANS FOR PIPE SIZES AND SPECIFICATIONS.
 - SITING WORK CONTRACTOR IS RESPONSIBLE FOR ALL LABOR AND MATERIAL UP TO THE DOWNSPOUT CONNECTION.
 - ACTUAL DOWNSPOUT CONNECTION SHALL BE SUPPLIED AND INSTALLED BY BUILDING CONTRACTOR.

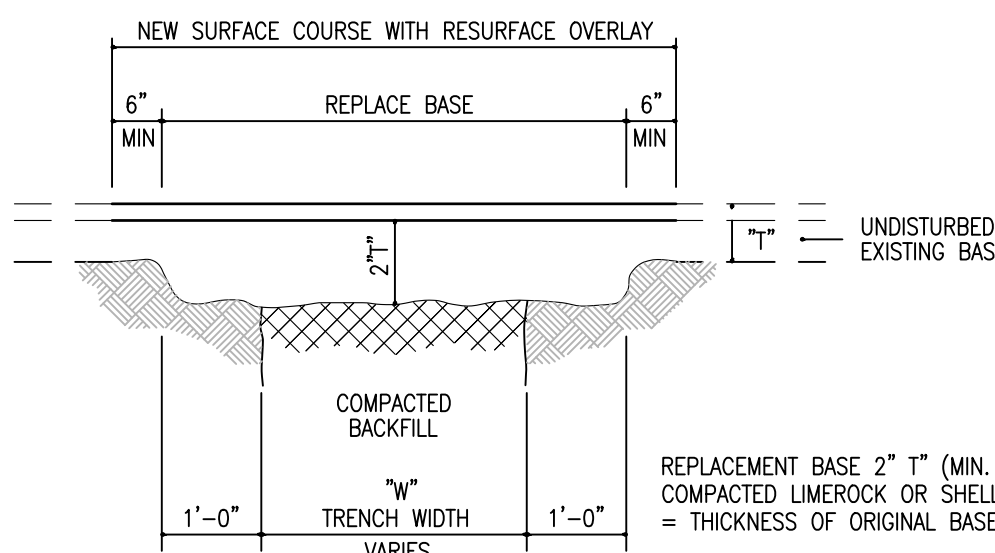
ROOF LEADER CONNECTION DETAIL

NTS



POND/OUTFALL SUMP DETAIL

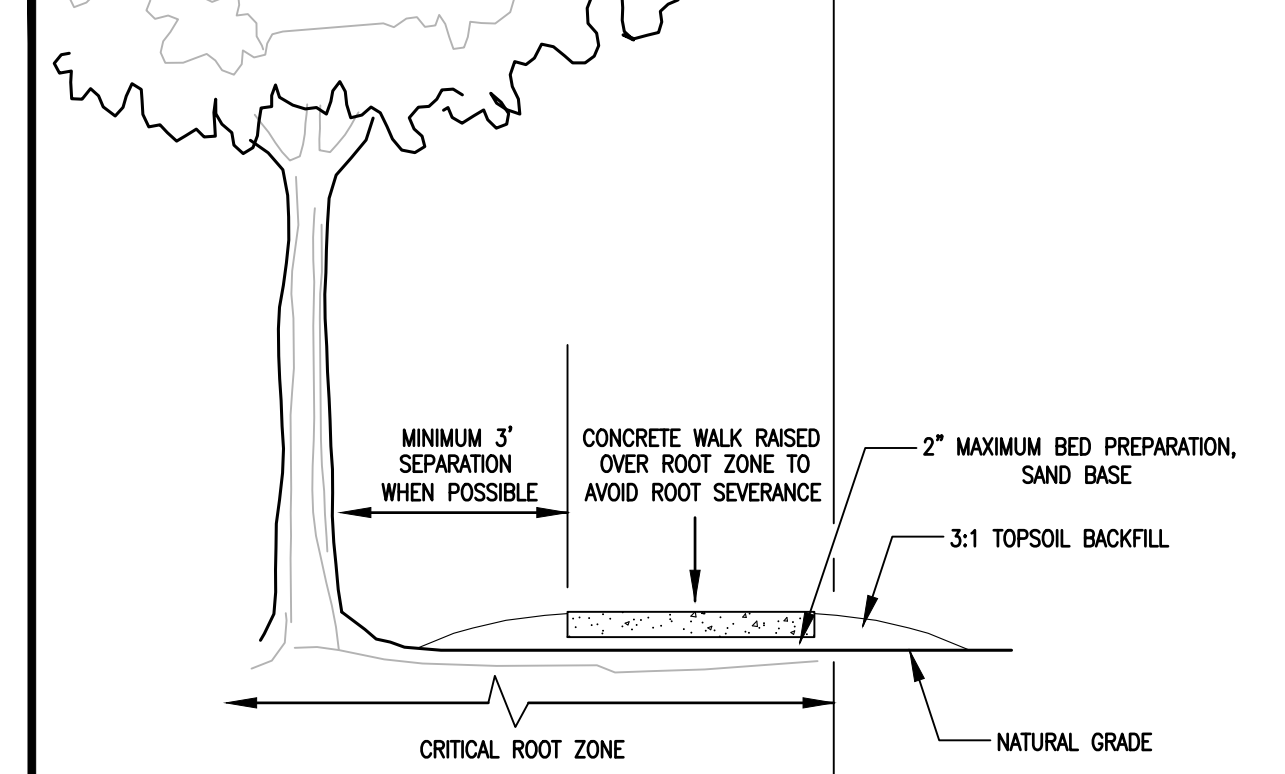
NTS



- NOTES:
- CONTRACTOR TO RESURFACE TO ALL VALVES WITHIN EXISTING ROADWAY AND NOT COVER.
 - ALL GRASSED AREAS DISTURBED WITHIN THE RIGHT-OF-WAY SHALL BE SODDED TO ORIGINAL OR BETTER CONDITION
 - ALL GEOTECHNICAL TESTING OF WORK WITHIN THE RIGHT-OF-WAY SHALL BE PER CITY SPECIFICATIONS.

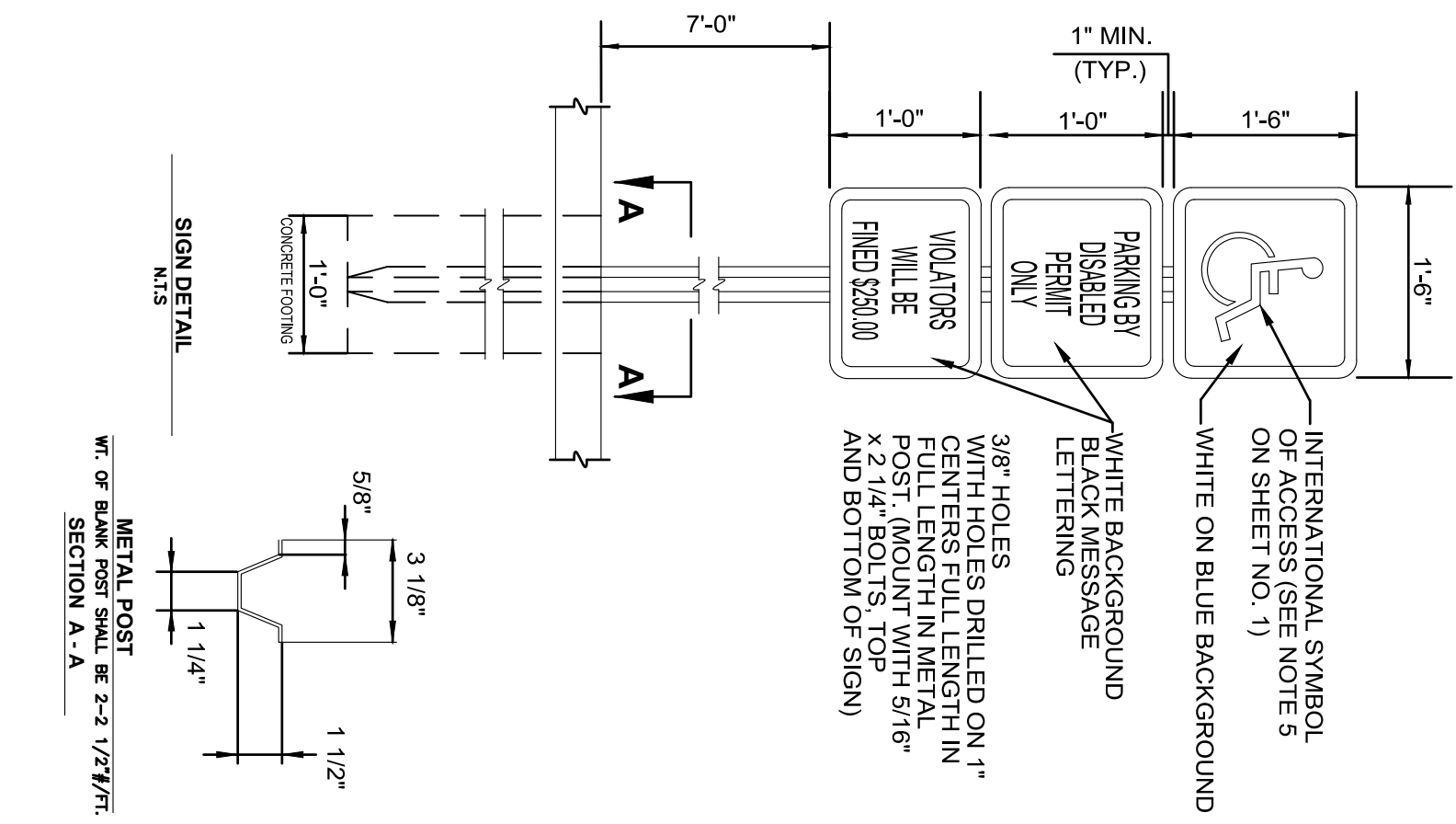
PAVEMENT REPLACEMENT DETAIL

NTS



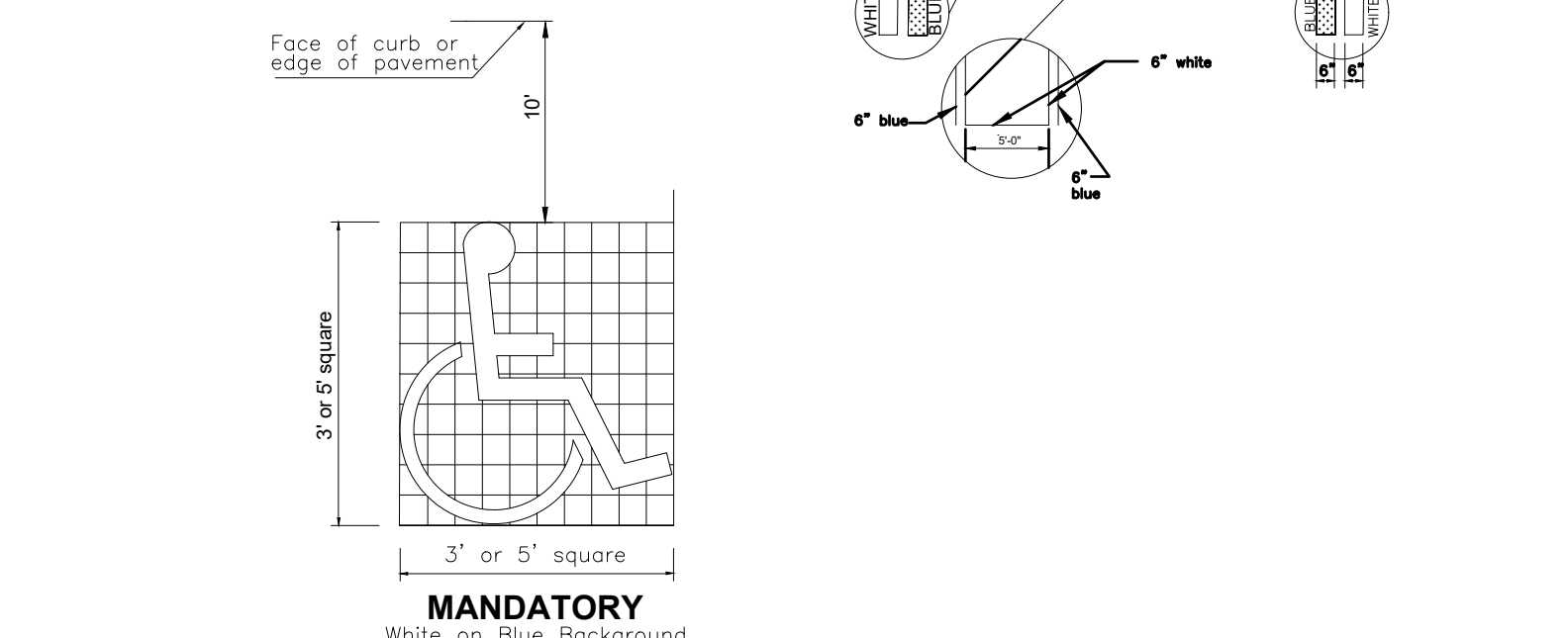
CONCRETE WALK OVER CRITICAL ROOT ZONE DETAIL

NTS

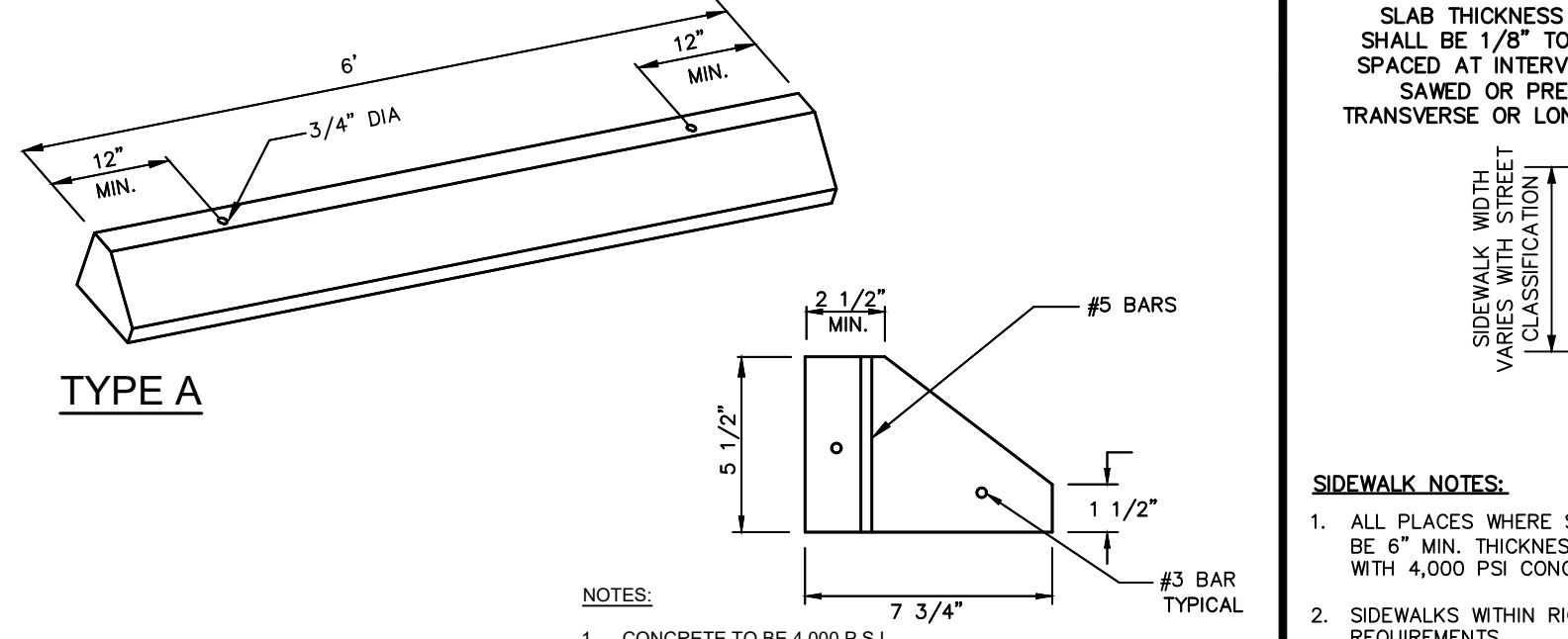


REVISION DATE :	TRANSPORTATION TECHNICAL MANUAL	DISABLED PARKING / SIGNING	DRAWING NO. TD-1
		TYPICAL DETAILS	SHEET NO. 2 OF 2

- NOTES:
- METAL POST TO BE GALVANIZED. ALL BOLTS, NUTS, WASHERS AND SCREWS MUST BE RUSTPROOF.
 - CONCRETE FOR FOOTING SHALL BE PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 P.S.I.
 - SIGNS WILL BE FABRICATED BY USING REFLECTING COATING IN THE SIGNAL, MESSAGE AND BORDER APPLIED TO A SHEET ALUMINUM BACKING (300) IN THICKNESS.
 - MESSAGE LETTERING SHALL BE UPPER CASE (BLACK) (SERIES C) 1.5" HIGH IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, EXCEPT AS NOTED ON SHEET 2 OF 2.
 - THE SYMBOL IS COMPOSED OF TWO ELEMENTS, A WHITE WHEELCHAIR FIGURE (WHICH SHOULD ALWAYS FACE RIGHT) ON A SQUARE BACKGROUND, INTERNATIONAL BLUE IN COLOR (FED. STD. 565a, COLOR #15180).
 - SIGN POST SHALL BE MIN. 2'-0" CLEAR FROM BACK OF CURB.
 - THE USE OF PROPERLY LOCATED BOLLARDS IN ACCESSIBLE PARKING SPACES ARE ACCEPTABLE SUBSTITUTES FOR REGULAR MARKER CURBS.
 - MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES SHALL BE PER FLORIDA ACCESSIBILITY BUILDING CODE SECTION 4.8.3.

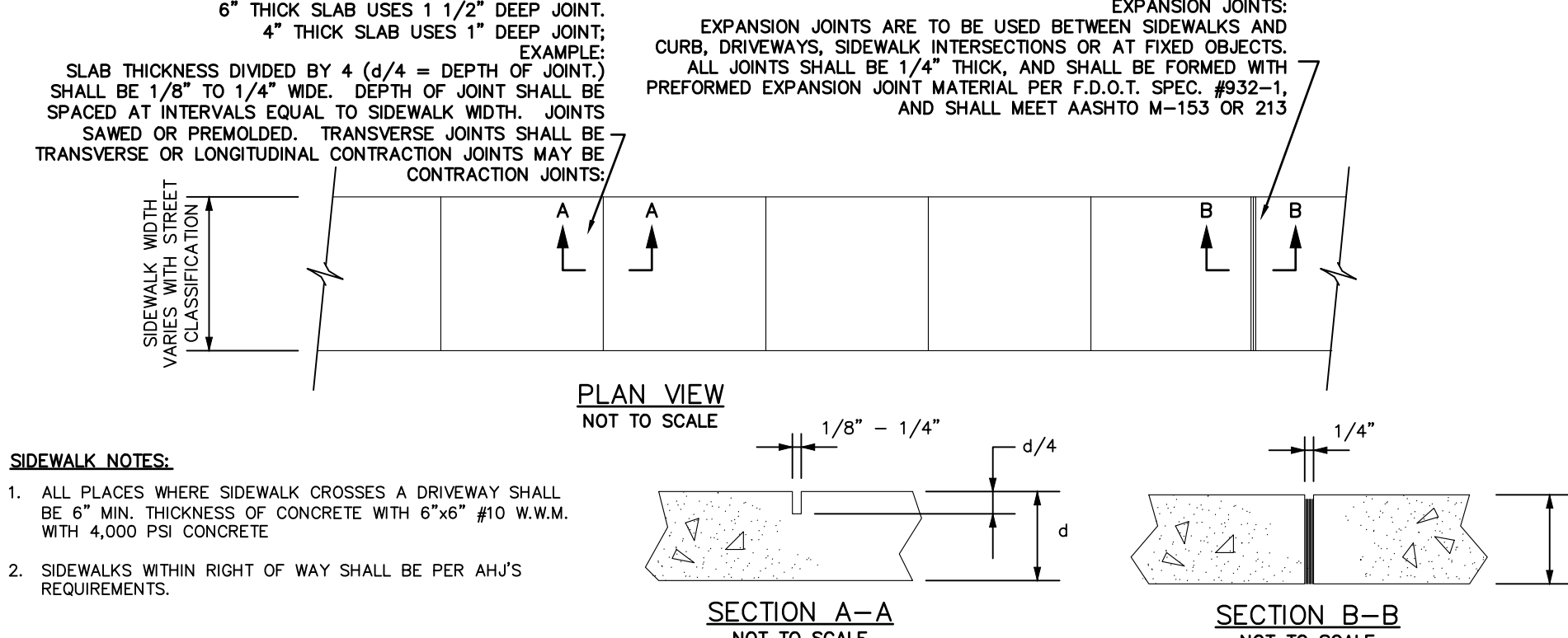


REVISION DATE :	TRANSPORTATION TECHNICAL MANUAL	DISABLED PARKING / MARKING	DRAWING NO. TD-1
		TYPICAL DETAILS	SHEET NO. 1 OF 2



WHEEL STOP DETAIL

NTS



TYPICAL CONCRETE SIDEWALK DETAILS

NTS

1315 E. SEVENTH AVENUE
SUITE 106
TAMPA, FLORIDA 33605.3607

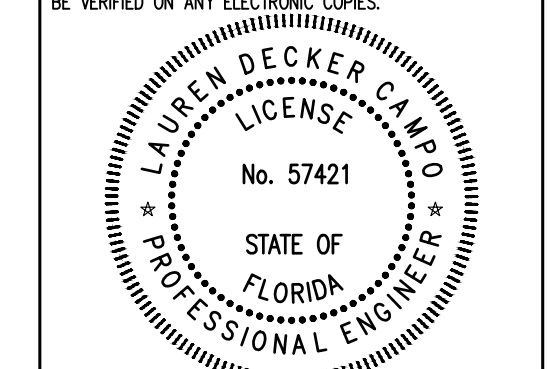
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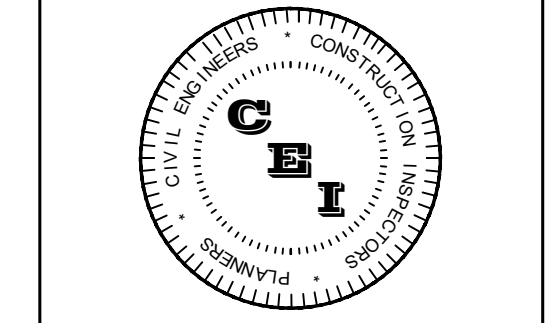
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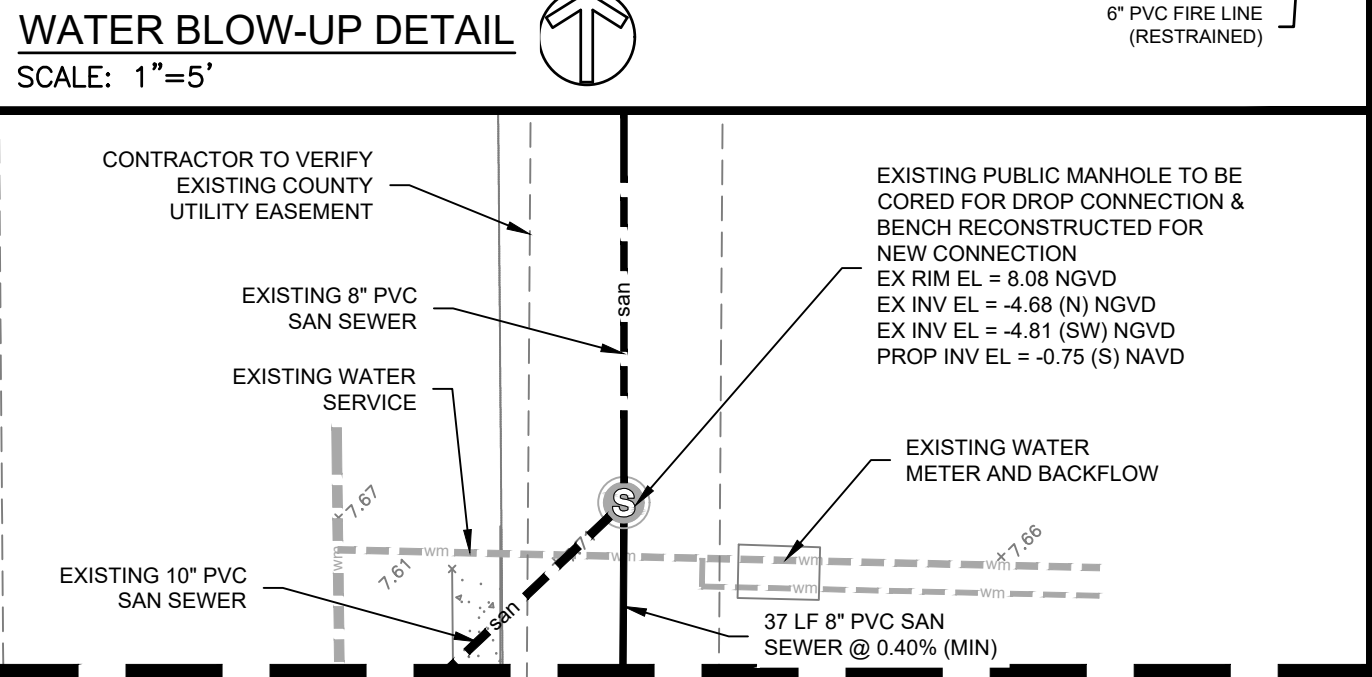
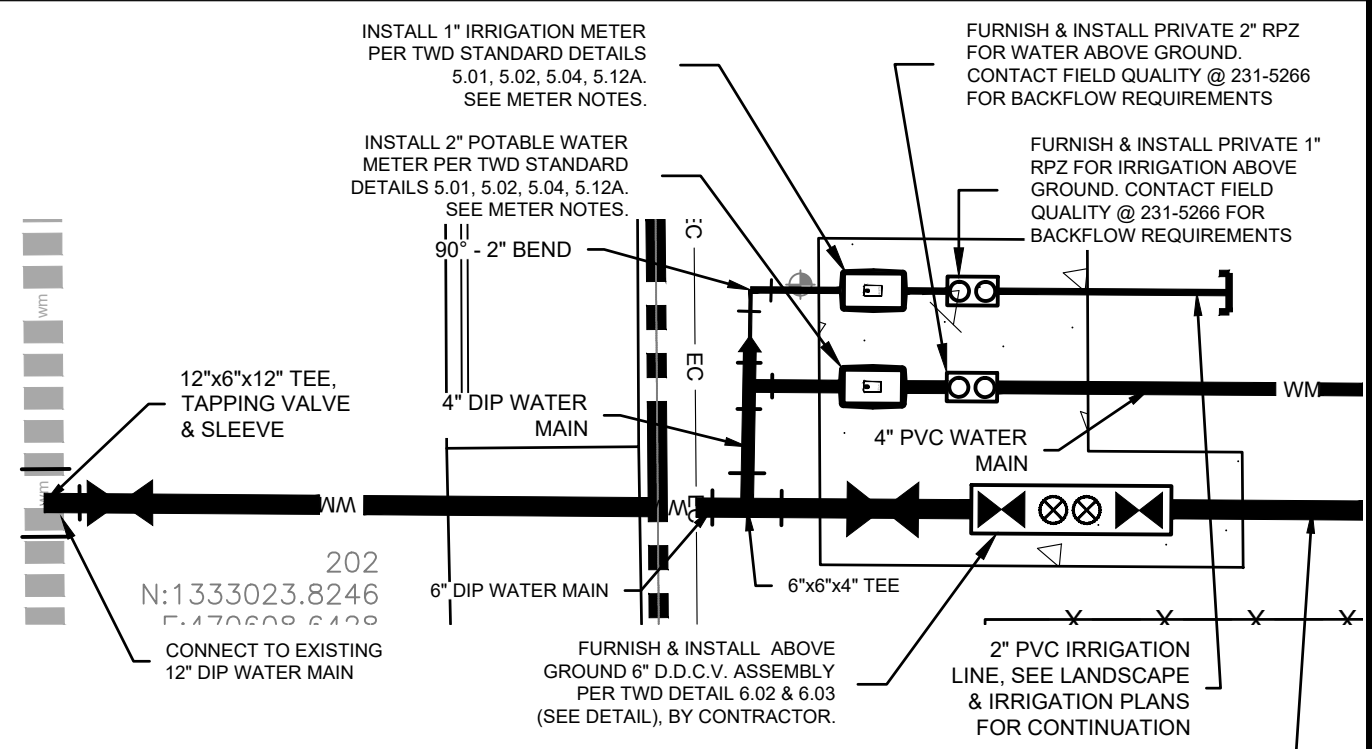
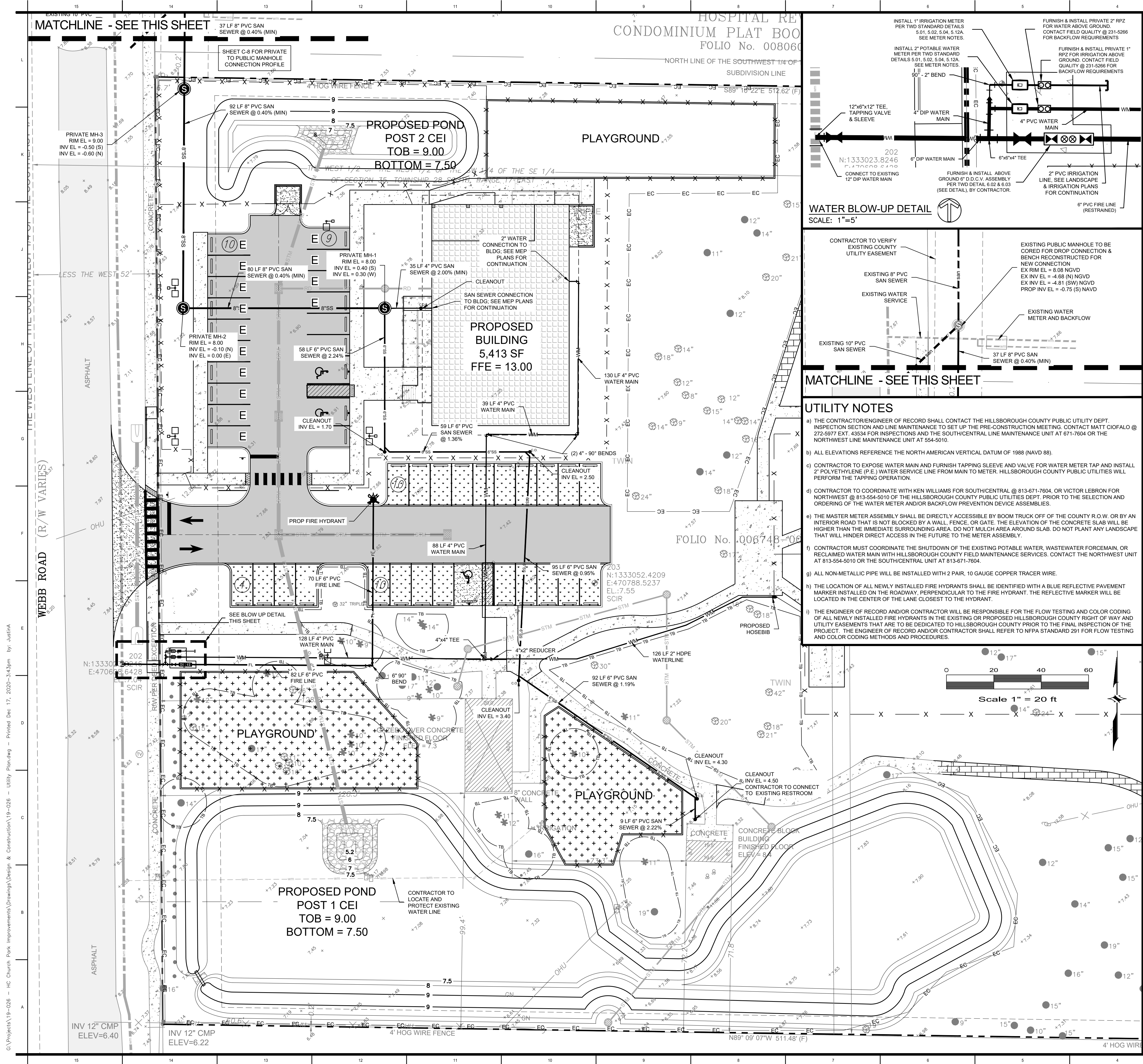
HILLSBOROUGH COUNTY BOARD OF COUNTY COMMISSIONERS
COUNTY CENTER
601 E KENNEDY BLVD
TAMPA, FL 33601

HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START

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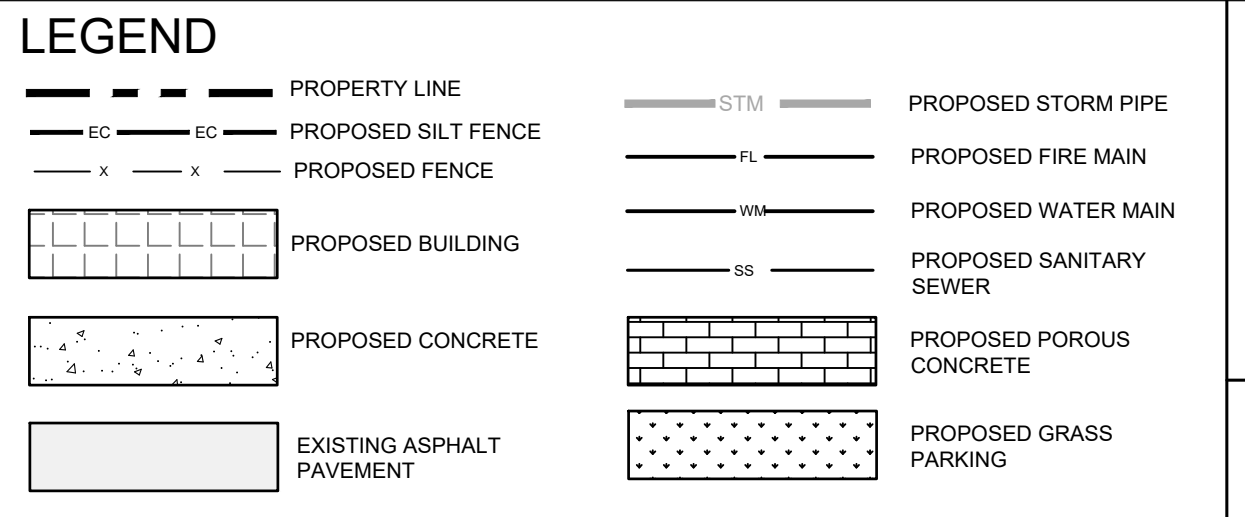
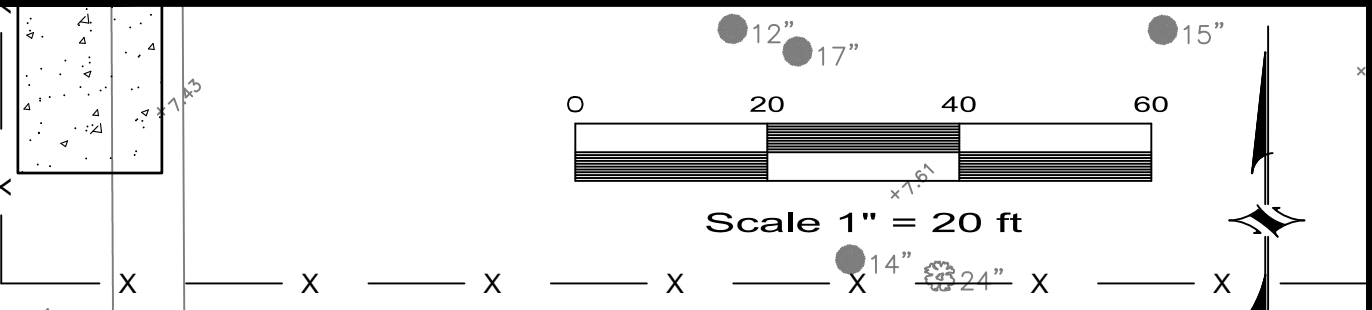
PAVING, GRADING & DRAINAGE DETAILS

C-6



UTILITY NOTES

- THE CONTRACTOR/ENGINEER OF RECORD SHALL CONTACT THE HILLSBOROUGH COUNTY PUBLIC UTILITY DEPT. INSPECTION SECTION AND LINE MAINTENANCE TO SET UP THE PRE-CONSTRUCTION MEETING. CONTACT MATT CIOFALO @ 272-5977 EXT. 43534 FOR INSPECTIONS AND THE SOUTHCENTRAL LINE MAINTENANCE UNIT AT 671-7604 OR THE NORTHWEST LINE MAINTENANCE UNIT AT 554-5010.
- ALL ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- CONTRACTOR TO EXPOSE WATER MAIN AND FURNISH TAPPING SLAVE AND VALVE FOR WATER METER TAP AND INSTALL 1" POLYETHYLENE (PE) WATER SERVICE LINE FROM MAIN TO METER. HILLSBOROUGH COUNTY PUBLIC UTILITIES WILL PERFORM THE TAPPING OPERATION.
- CONTRACTOR TO COORDINATE WITH KEN WILLIAMS FOR SOUTHCENTRAL @ 813-671-7604, OR VICTOR LEBRON FOR NORTHWEST @ 813-554-5010 OF THE HILLSBOROUGH COUNTY PUBLIC UTILITIES DEPT. PRIOR TO THE SELECTION AND ORDERING OF THE WATER METER AND/OR BACKFLOW PREVENTION DEVICES.
- THE MASTER METER ASSEMBLY SHALL BE DIRECTLY ACCESSIBLE BY BOOM TRUCK OFF OF THE COUNTY R.O.W. OR BY AN INTERIOR ROAD THAT IS NOT BLOCKED BY A WALL, FENCE, OR GATE. THE ELEVATION OF THE CONCRETE SLAB WILL BE HIGHER THAN THE IMMEDIATE SURROUNDING AREA. DO NOT MULCH AREA AROUND SLAB. DO NOT PLANT ANY LANDSCAPE THAT WILL HINDER DIRECT ACCESS IN THE FUTURE TO THE METER ASSEMBLY.
- CONTRACTOR MUST COORDINATE THE SHUTDOWN OF THE EXISTING POTABLE WATER, WASTEWATER FORCEMAIN, OR RECLAIMED WATER MAIN WITH HILLSBOROUGH COUNTY FIELD MAINTENANCE SERVICES. CONTACT THE NORTHWEST UNIT AT 813-554-5010 OR THE SOUTHCENTRAL UNIT AT 813-671-7604.
- ALL NON-METALLIC PIPE WILL BE INSTALLED WITH 2 PAIR, 10 GAUGE COPPER TRACER WIRE.
- THE LOCATION OF ALL NEWLY INSTALLED FIRE HYDRANTS SHALL BE IDENTIFIED WITH A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED ON THE ROADWAY, PERPENDICULAR TO THE FIRE HYDRANT. THE REFLECTIVE MARKER WILL BE LOCATED IN THE CENTER OF THE LANE CLOSEST TO THE HYDRANT.
- THE ENGINEER OF RECORD AND/OR CONTRACTOR WILL BE RESPONSIBLE FOR THE FLOW TESTING AND COLOR CODING OF ALL NEWLY INSTALLED FIRE HYDRANTS IN THE EXISTING OR PROPOSED HILLSBOROUGH COUNTY RIGHT OF WAY AND UTILITY EASEMENTS THAT ARE TO BE DEDICATED TO HILLSBOROUGH COUNTY PRIOR TO THE FINAL INSPECTION OF THE PROJECT. THE ENGINEER OF RECORD AND/OR CONTRACTOR SHALL REFER TO NFPA STANDARD 291 FOR FLOW TESTING AND COLOR CODING METHODS AND PROCEDURES.



GENERAL NOTES

- THE CONTRACTOR SHALL NOT OPERATE ANY VALVES OR PRESSURE TEST AGAINST ANY COUNTY INSTALLED VALVES OR FITTINGS.
- GRASS AND MULCH, OR SOLID SOD, ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY CONSTRUCTION.
- CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO PUBLIC RIGHT-OF-WAY WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.
- CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR THE OWNER PRIOR TO ANY CONSTRUCTION THAT MAY DAMAGE TREES.
- FIRE HYDRANT, GATE VALVE AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE VALVES, TEE, S. FITTINGS, AND ANY AND ALL OTHER APPURTENANCES COMPRISING A COMPLETE WORKING UNIT.
- CONTRACTOR SHALL PROVIDE ANY DEWATERING FOR UTILITY INSTALLATION IF REQUIRED.
- ADJUSTING MANHOLE TOPS TO MATCH GRADE AND SLOPE OF THE FINISH PAVING SHALL BE INCLUDED IN THE RESPECTIVE CONTRACT UNIT PRICE FOR MANHOLES, PAYMENT OF WHICH WILL CONSTITUTE FULL COMPENSATION FOR THE CONSTRUCTION AND COMPLETION OF THE MANHOLE, AND NO ADDITIONAL PAYMENT WILL BE ALLOWED OR MADE FOR ADJUSTING MANHOLE TOPS.
- BEND S SHALL BE INSTALLED IN WATER MAIN TO AVOID UNFORESEEN CONFLICTS IN EXISTING OR PROPOSED STRUCTURES.
- THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
- CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
- THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND NOT FIELD VERIFIED. THEREFORE, THE ENGINEER CANNOT GUARANTEE THE ACCURACY OF SAME NOR ALL THAT ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH THE OWNERS TO HIS SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION.
- WHEN POTABLE WATER LINES PASS UNDERNEATH SEWER LINES, WATER LINES TO BE SLEEVED WITH SCHEDULE 80 PVC AND SEALED WITH WATERPROOF SEALANT WITHIN 5' OF SEWER CROSSINGS.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE EXTENTS OF PAVEMENT RESTORATION BASED ON HIS MEANS AND METHOD OF INSTALLING WATER, SEWER AND STORMWATER INFRASTRUCTURE ADJACENT TO OR UNDER EXISTING PAVEMENT AREAS. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING LOCAL MUNICIPALITY AND STATE STANDARDS WHEN RESTORING PAVEMENT AND NOT SOLELY RELY ON CIVIL PLANS.
- CONTRACTOR MUST VERIFY ALL EXISTING WATER, SEWER AND STORM WATER INFRASTRUCTURE WITHIN THE RIGHT OF WAY PRIOR TO ORDERING STRUCTURES. THE CONTRACTOR SHALL PROVIDE THE ENGINEER VERTICAL AND HORIZONTAL LOCATION OF THE INFRASTRUCTURE IN ORDER TO VERIFY ANY POTENTIAL CONFLICTS PRIOR TO ORDERING STRUCTURES.

FLOOD ZONE
THE SITE IS LOCATED WITHIN FLOOD ZONE "AE" (BASE FLOOD ELEVATION (BFE) OF 12.0' (NAVD88) PER FEMA FIRM COMMUNITY PANEL 12057C0327J, THAT HAS A PRELIMINARY EFFECTIVE DATE OF 10/26/2018. ALSO, THE COUNTY'S APPROVED SWMM MODEL INDICATES THE 100-YEAR FLOOD ELEVATION WITHIN THE VICINITY OF THIS SITE IS 7.64' FOR THE WEST SIDE AND 8.04' FOR THE EAST SIDE.

WATER SYSTEM TESTING REQUIREMENTS
(FOR PUBLIC WATER FACILITIES CONSTRUCTED FOR THE CITY)

- ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL BE PROPERLY TESTED AND ACCEPTED BY THE OWNERS ENGINEER AND THE CITY. PRESSURE TESTS TO BE PERFORMED IN ACCORDANCE WITH WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY OWNERS ENGINEER AND THE ASSIGNED CITY INSPECTOR MINIMUM 3 WORKING DAYS IN ADVANCE OF PERFORMING TESTS.
- CONTRACTOR SHALL PRESSURE TEST WATER MAINS AT 150 PSI FOR A PERIOD OF 2 HOURS IN ACCORDANCE WITH AWWA C600-87 STANDARDS.
- CONTRACTOR TO PERFORM CHLORINATION AND COORDINATE BACTERIOLOGICAL SAMPLING WITH THE CITY OF TAMPA. CONTRACTOR SHALL BE FULLY RESTRAINED IN ACCORDANCE WITH TAMPA WATER DEPARTMENT TECHNICAL MANUAL AND AWWA SPECIFICATION C651. CONTRACTOR TO OBTAIN SAMPLE CLEARANCE ON PUBLIC DOMESTIC WATER SYSTEM.
- ALL TEST POINTS AND CHLORINATION POINTS PIPING SHALL BE COMPLETELY REMOVED PRIOR TO FINAL ACCEPTANCE. THE CORPORATION STOP SHALL BE REMOVED AND THE MAIN PLUGGED AFTER OPERATION (SEE CITY OF TAMPA STANDARD DETAIL 2.17).

FIRE LINE CL-5 NOTES

- ALL FIRE LINE MATERIALS SHALL MEET NFPA-24 2010 EDITION.
- PIPING SHALL BE DR-14 200 PSI BLUE PVC.
- FITTINGS SHALL BE C153 COMPACT W/ 250 PSI RATING.
- COMPLETE SYSTEM SHALL BE FULLY RESTRAINED (NO THRUST BLOCK).
- SYSTEM MUST BE TESTED @ 200 PSI MIN. WITH NO LOSS OF PRESSURE FOR A MIN. OF 2 HOURS.
- BEFORE CERTIFICATION CAN BE PROVIDED, THE COMPLETE SYSTEM MUST BE FLUSHED IN THE PRESENCE OF THE FIRE INSPECTOR.
- BEFORE BACKFILL OF THE PIPE TRENCH, MAGNETIC LOCATOR TAPE MUST BE PLACED 2'-0" FROM THE TOP OF PVC PIPE.

LAND ALTERATION/TREE PRESERVATION NOTES

- DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE COUNTY.
- ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.
- IN ORDER TO COMPLY WITH SECTION 4.01.05.A OF THE HILLSBOROUGH COUNTY LAND DEVELOPMENT CODE TO MINIMIZE SOIL EROSION PROPOSED LAND ALTERATION ACTIVITIES SHALL NOT UNNECESSARILY REMOVE EXISTING VEGETATION AND ALTER EXISTING TOPOGRAPHY. ADEQUATE PROTECTION MEASURES (I.E. HAY BALES, BARRIERS, SODDING AND SANDBAGGING) SHALL BE PROVIDED, AS NECESSARY, TO MINIMIZE EROSION AND DOWNSTREAM SEDIMENTATION CAUSED BY SURFACE WATER RUN-OFF ON EXPOSED LAND SURFACES.
- ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM THAT SUPPLIES 100 PERCENT COVERAGE TO ALL REQUIRED LANDSCAPING PLANT MATERIAL. THE IRRIGATION SYSTEM MAY CONSIST OF AN AUTOMATIC OR MANUAL UNDERGROUND SYSTEM, DRIP SYSTEM, QUICK COUPLING VALVES, OR HOSE BIBS WITHIN 50 FEET OF ALL REQUIRED LANDSCAPING PLANT MATERIAL. A LOW VOLUME IRRIGATION SYSTEM SHOULD BE USED WHEREVER POSSIBLE. THE IRRIGATION SYSTEM MUST BE DESIGNED TO MINIMIZE ROOT DISTURBANCE TO EXISTING TREES AND OTHER VEGETATION TO BE RETAINED. NO IRRIGATION IS REQUIRED WITHIN THESE AREAS.
- THE CONSTRUCTION OF ALL ABOVE GROUND UTILITY APPURTENANCES VISIBLE FROM THE PUBLIC RIGHT-OF-WAY SUCH AS PEDESTALS, UTILITY METERS, TRANSFORMERS, BACK-FLOW PREVENTION DEVICES, ETC FOR NEW DEVELOPMENT OR REDEVELOPMENT ACTIVITIES SHALL CONFORM TO SCREENING REQUIREMENTS AS OUTLINED IN SECTION 06.08.C.10 OF THE LAND DEVELOPMENT CODE. PLANT LOCATION MUST BE CONSIDERED OF REQUIRED SPATIAL SEPARATIONS FROM A FIRE FLOW PROTECTION APPLIANCE IN ACCORDANCE TO THE UNIFORM FIRE CODE.

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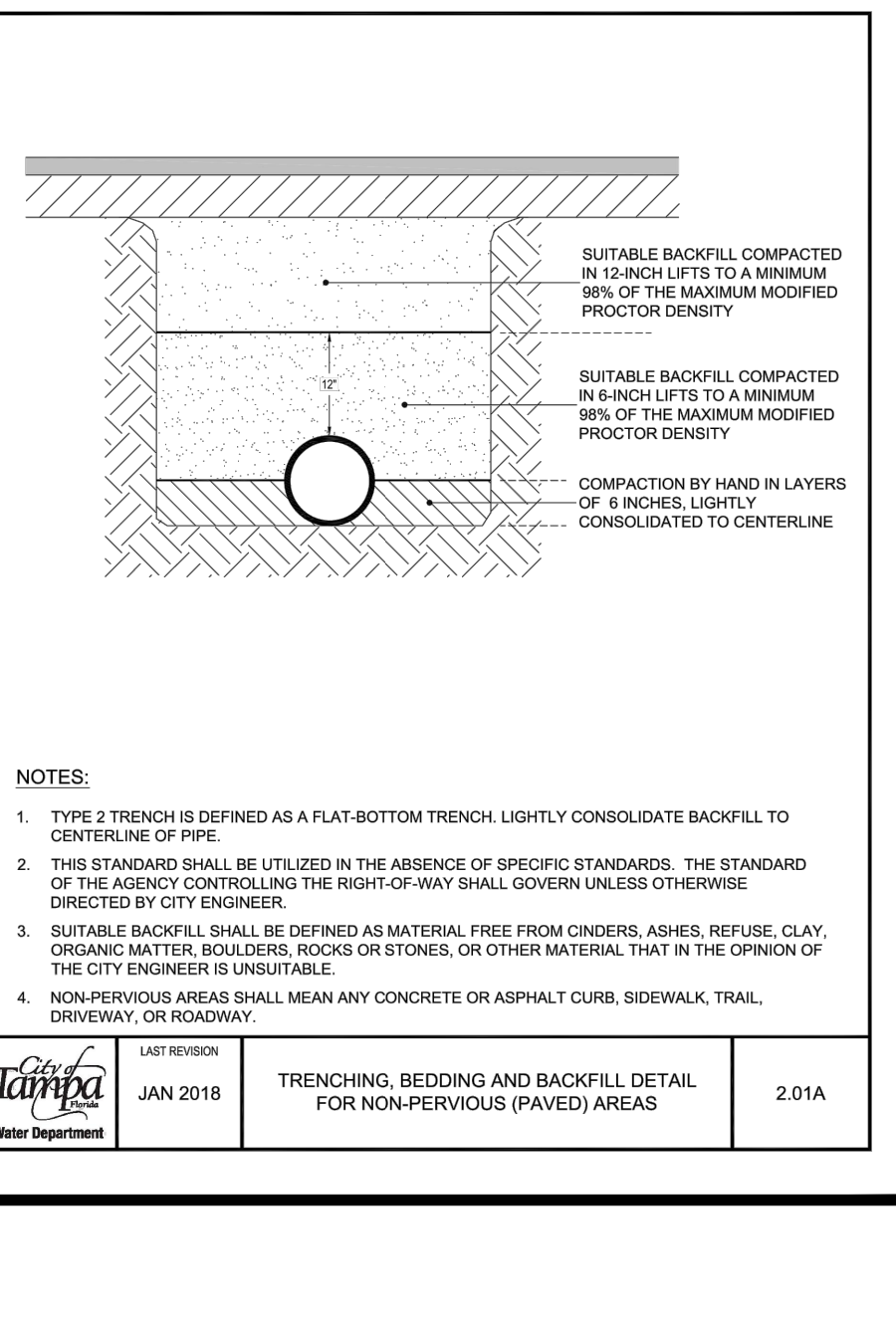
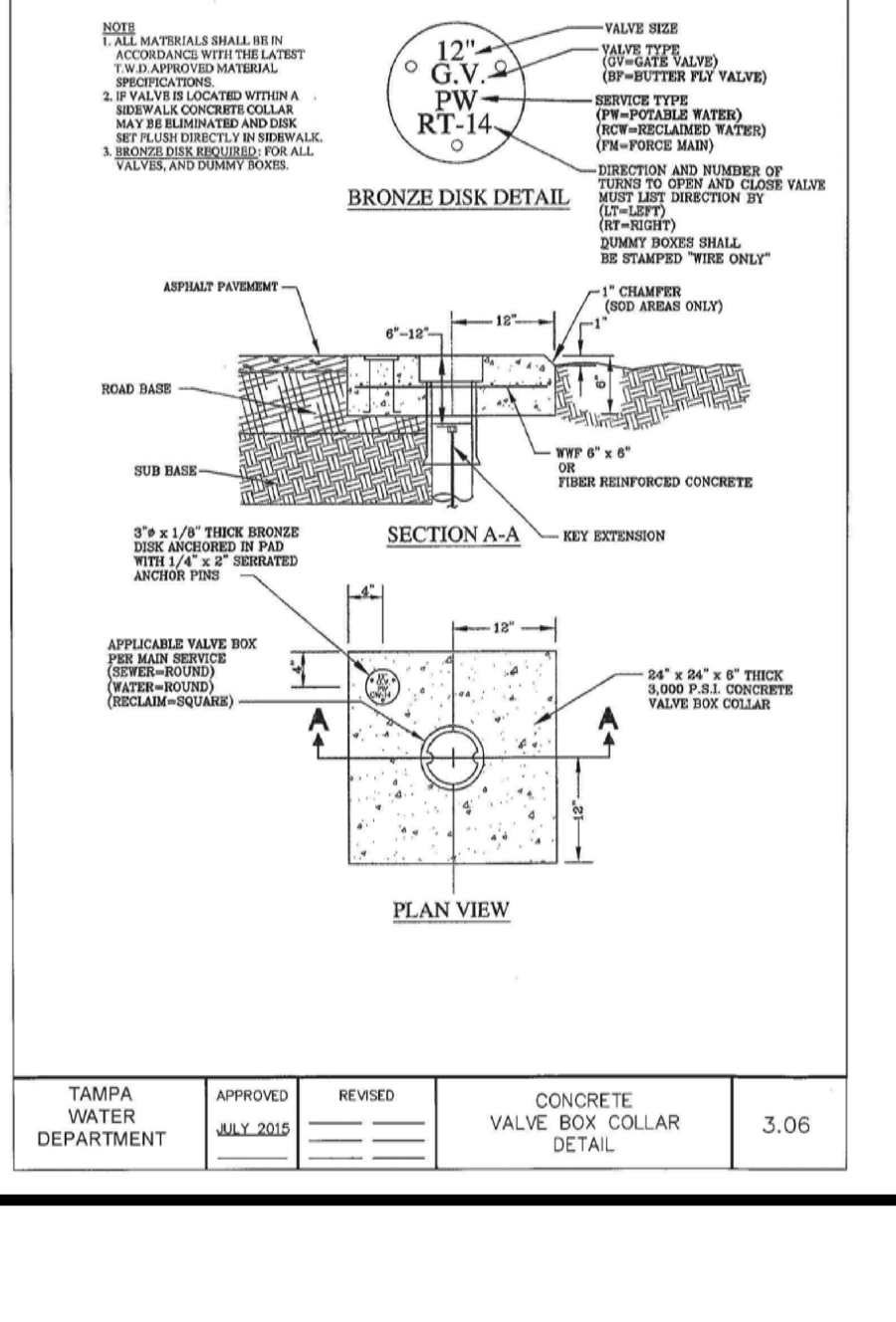
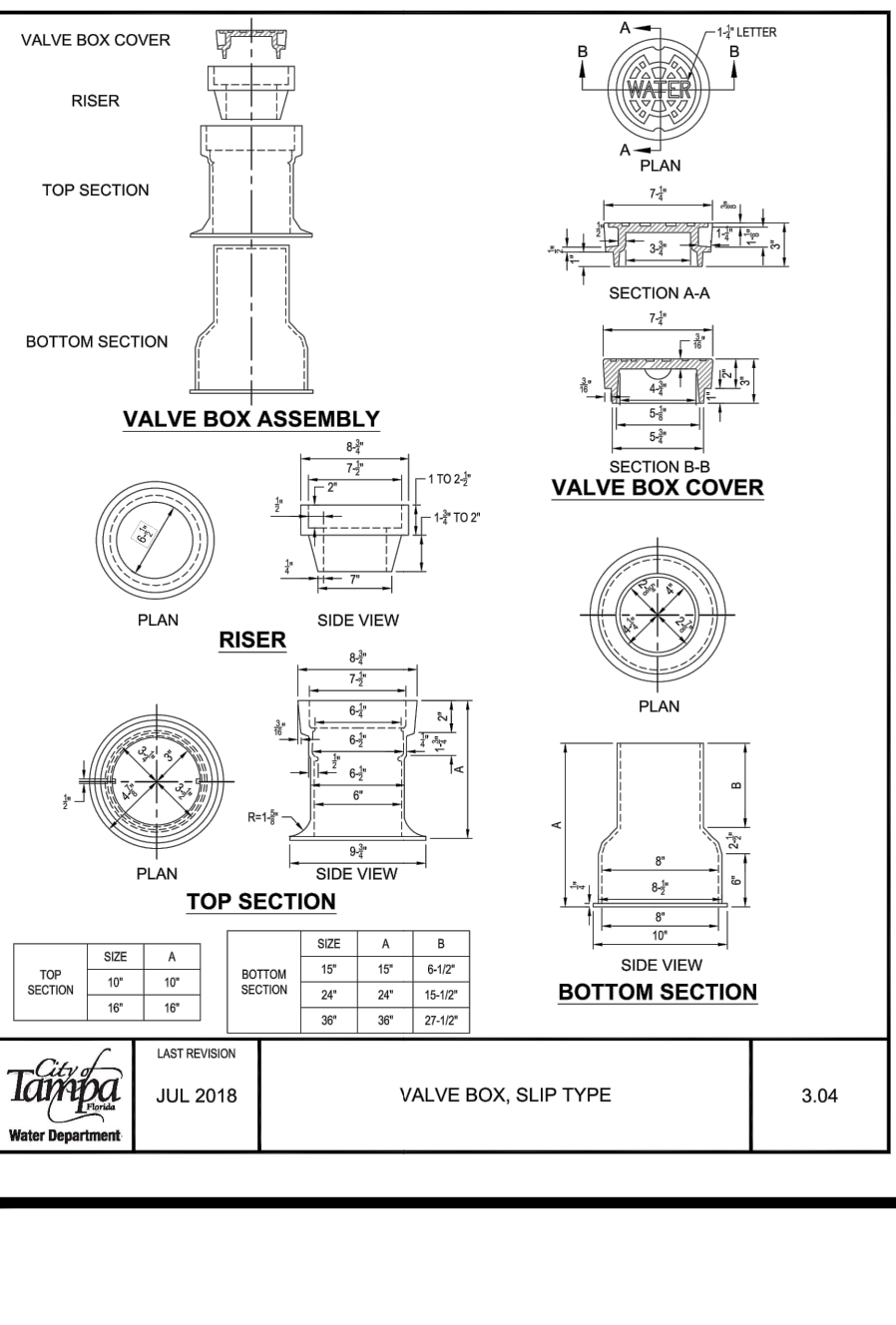
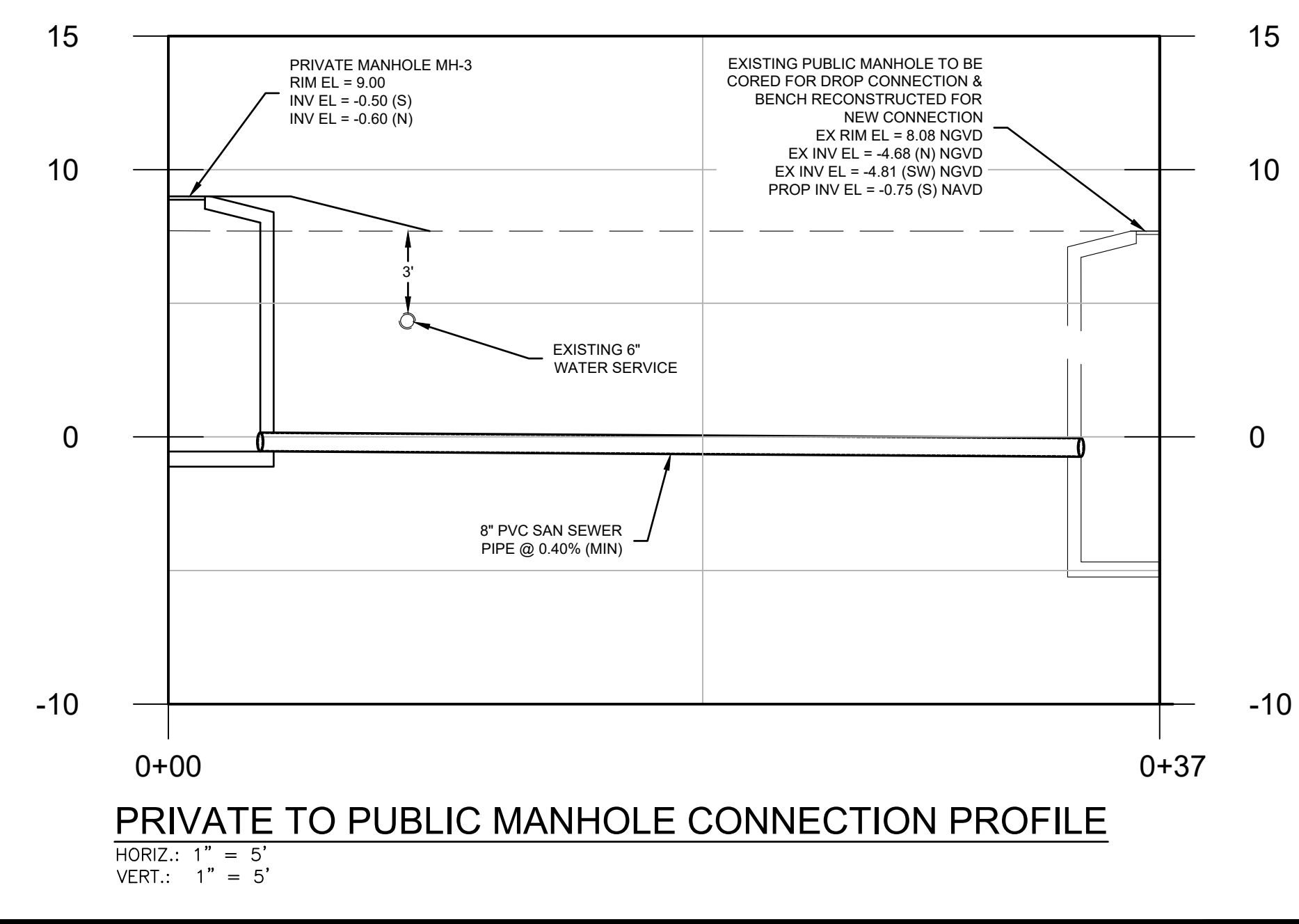
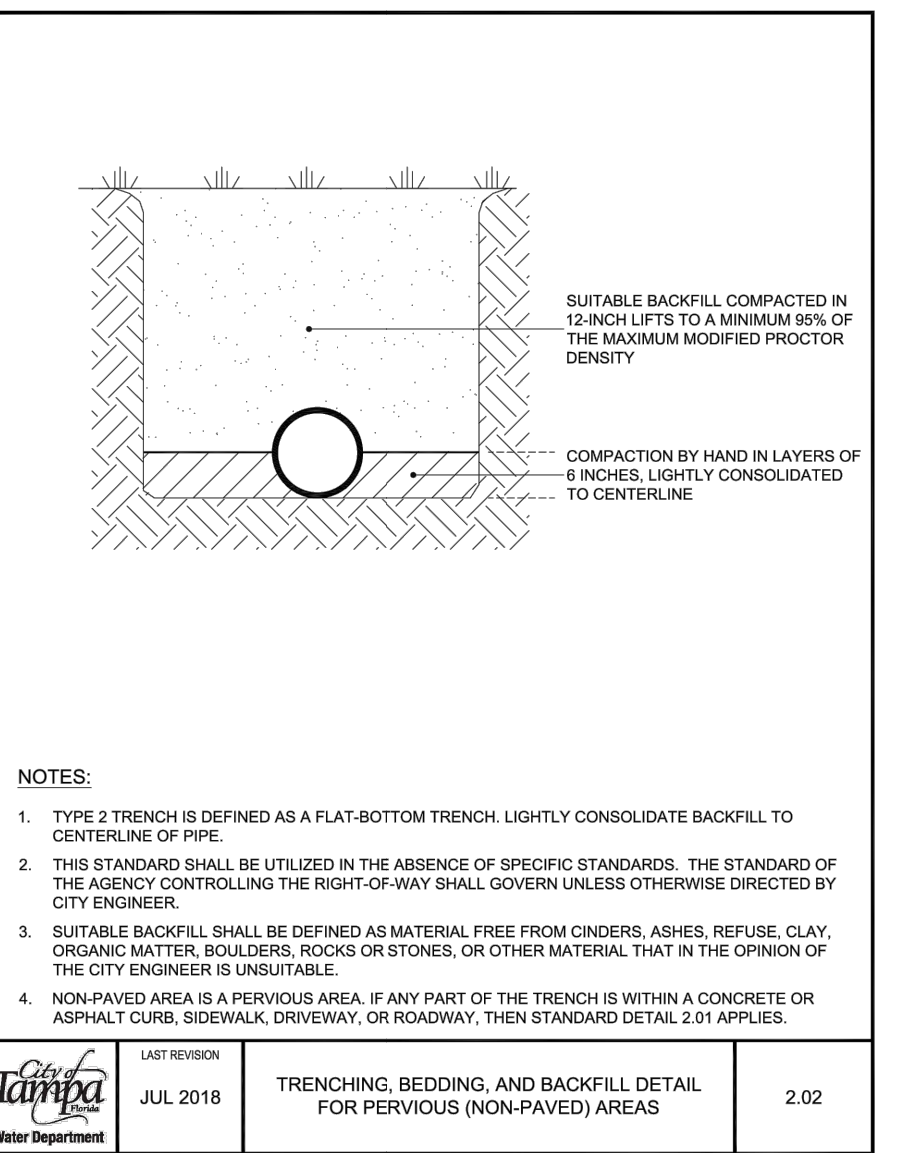
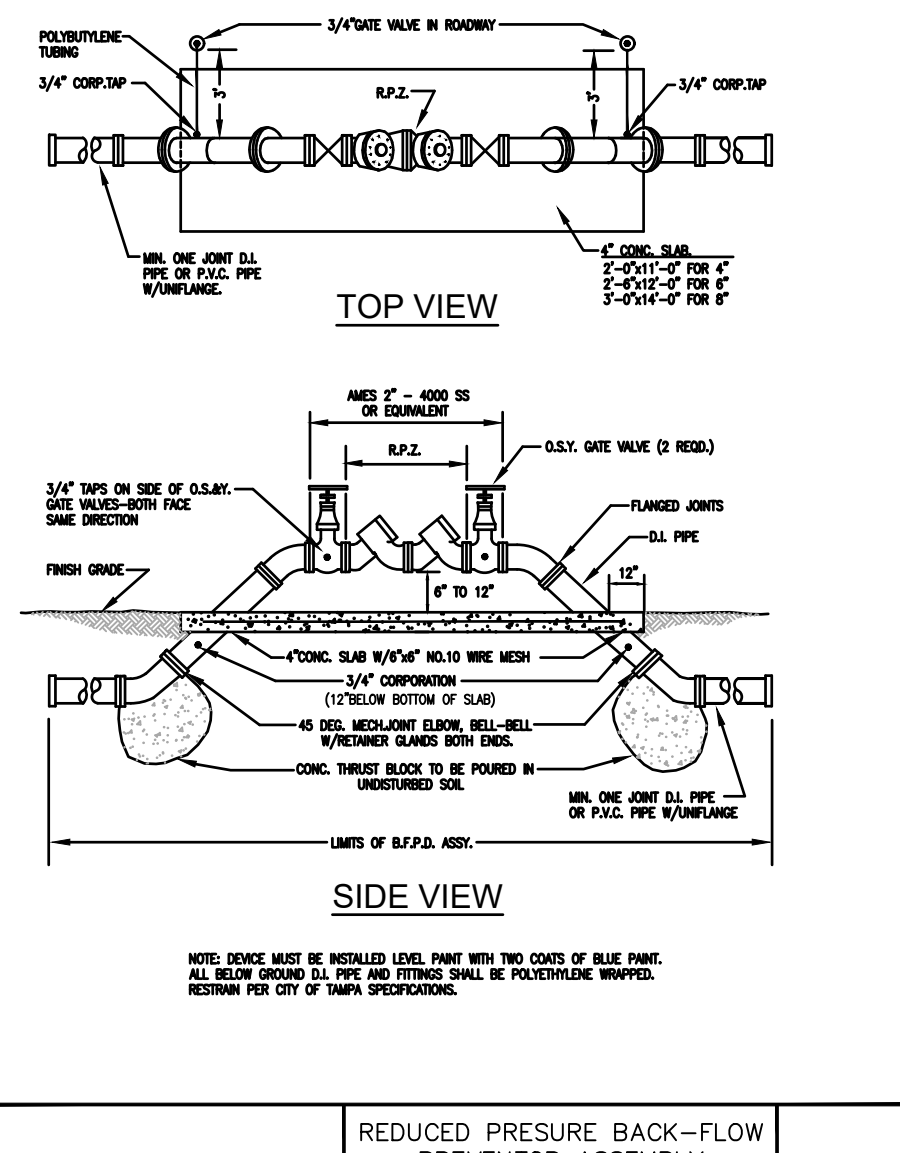
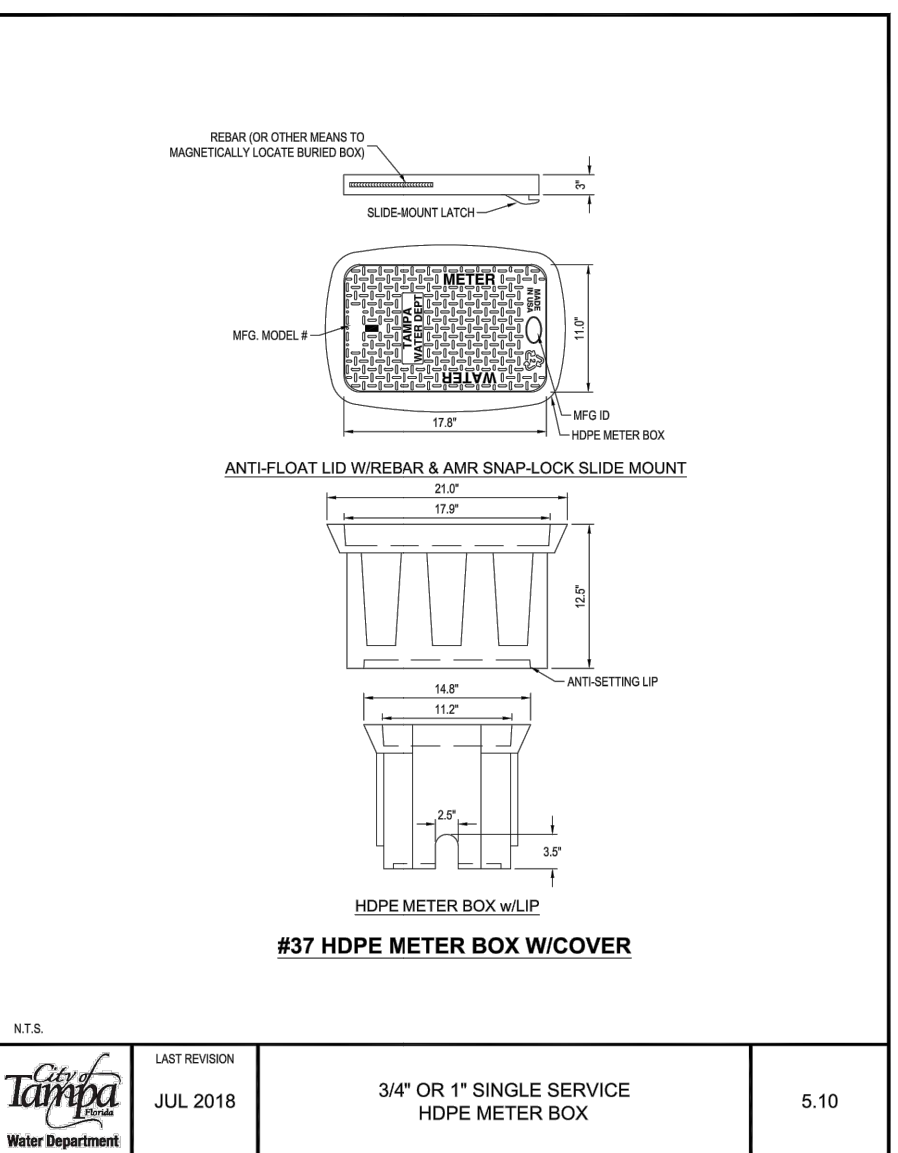
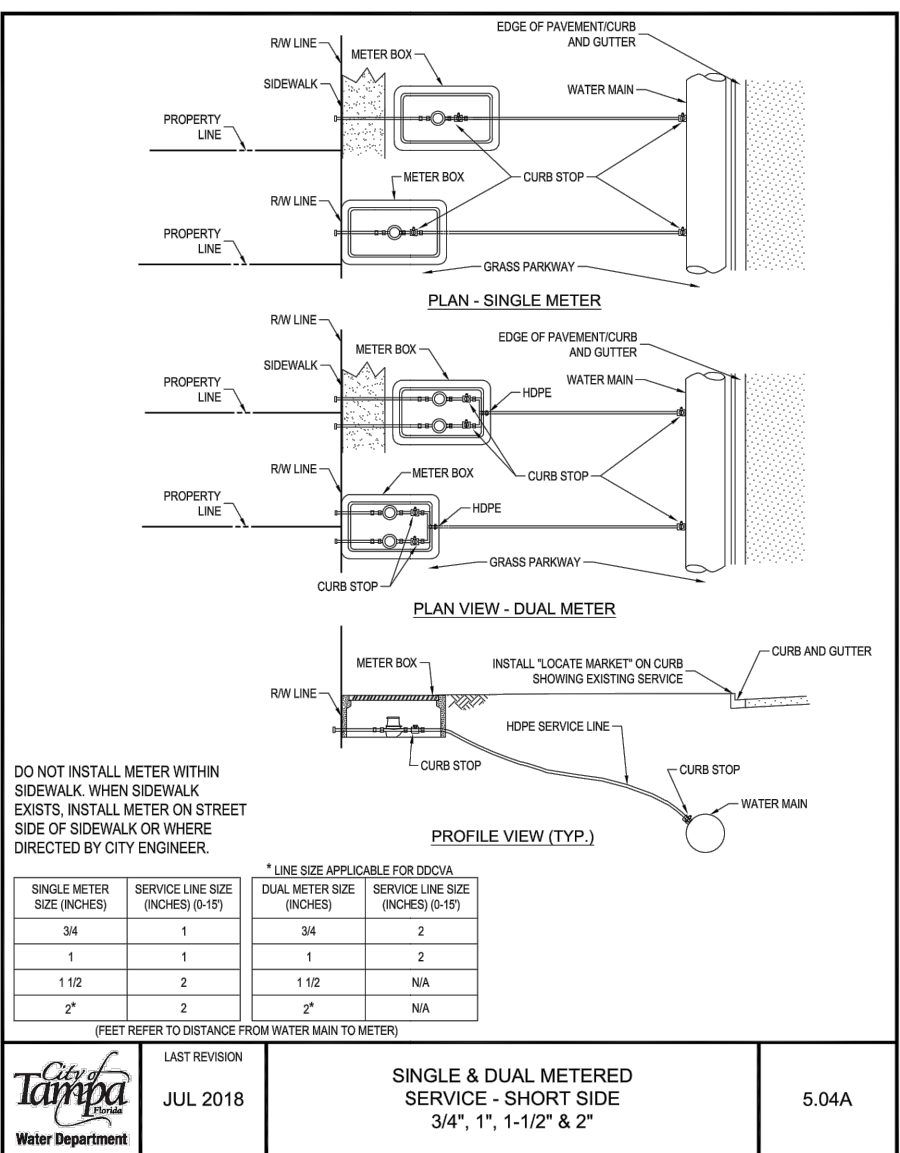
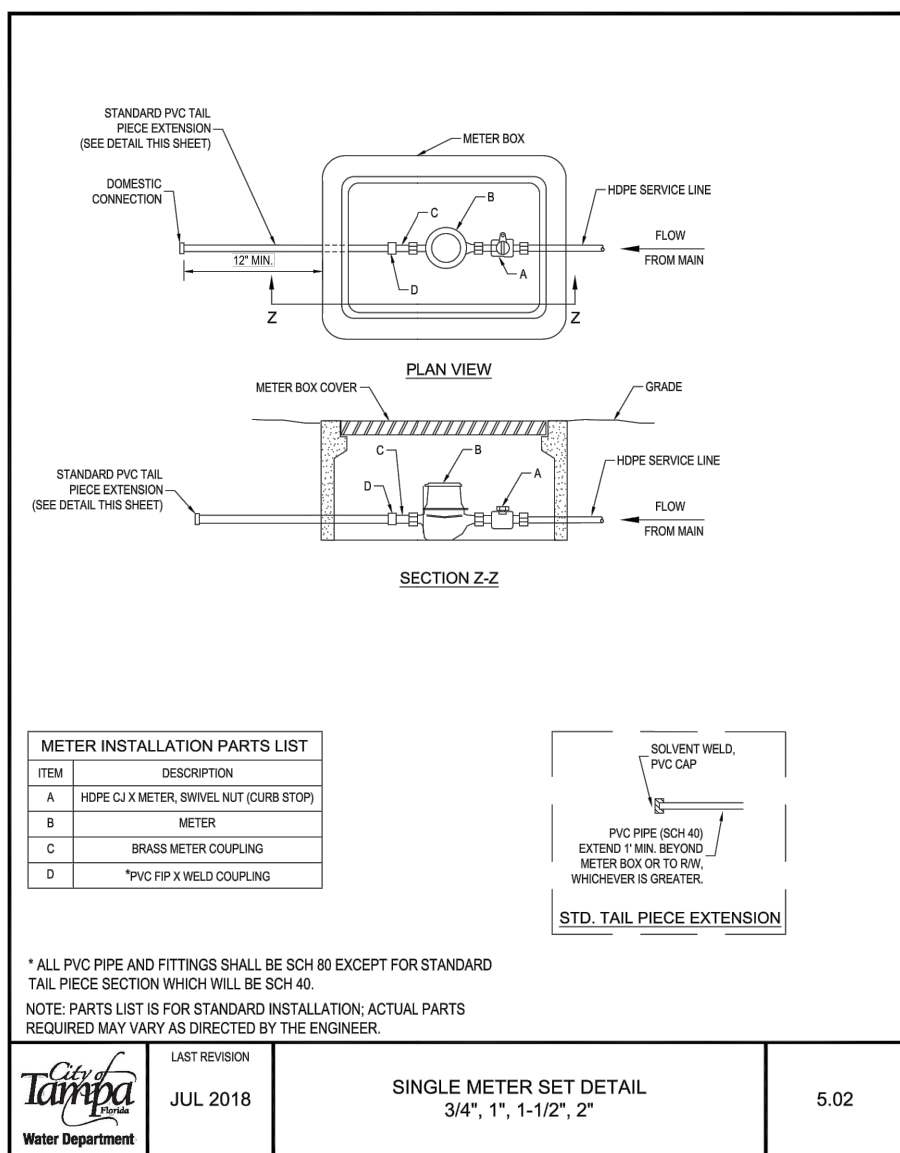
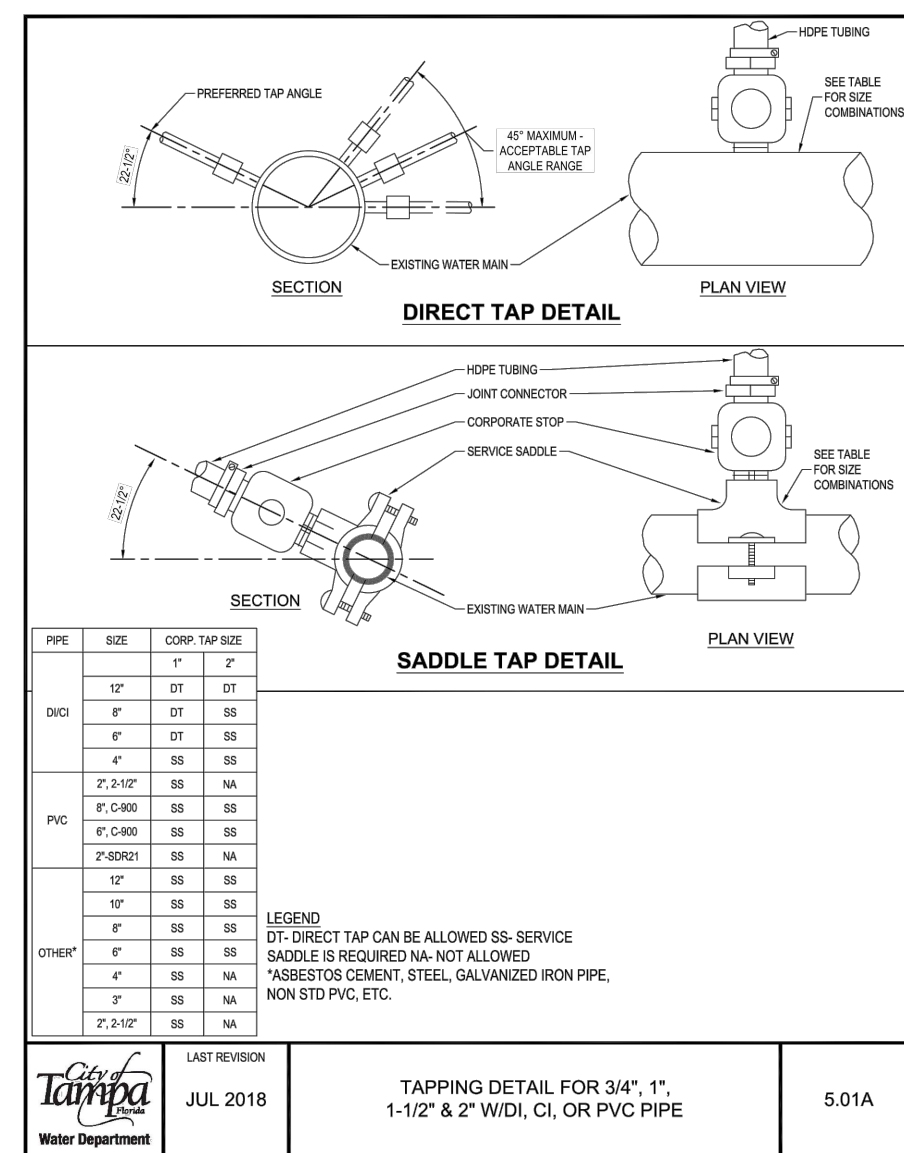
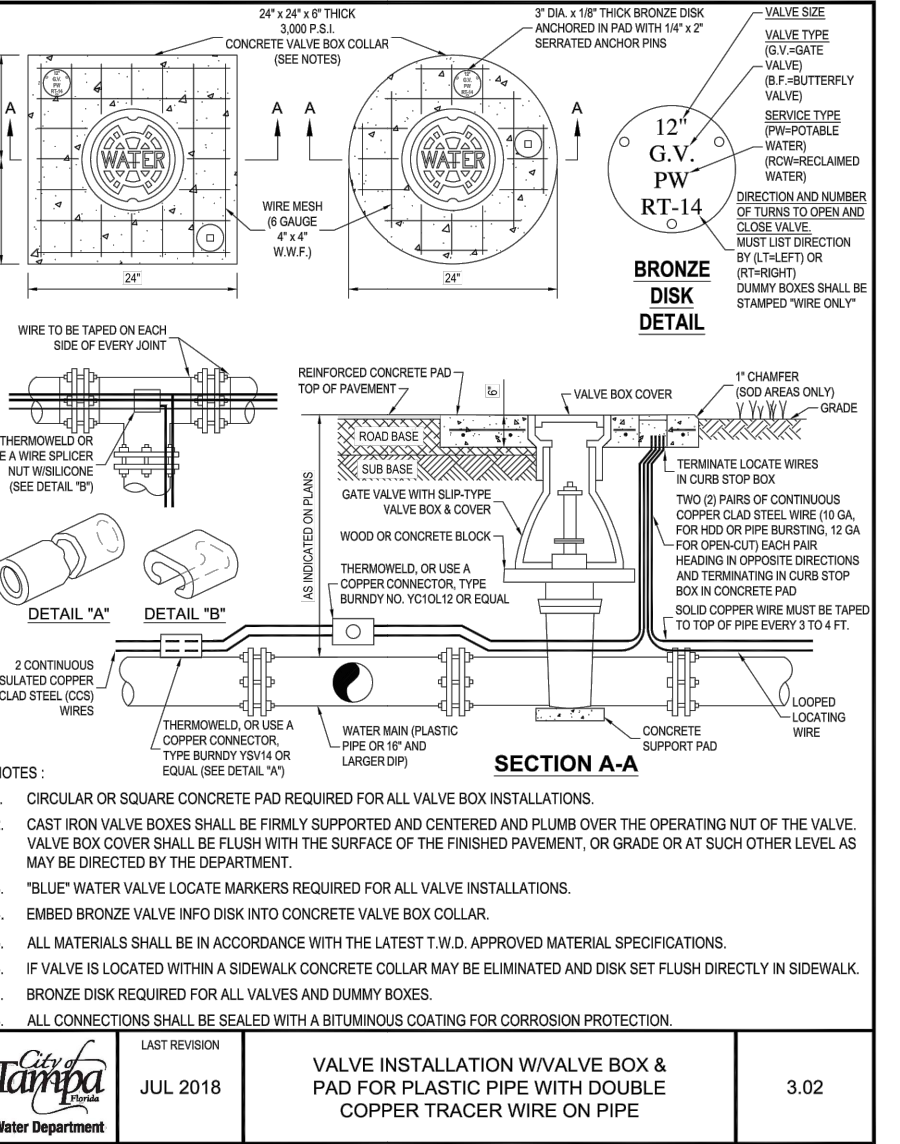
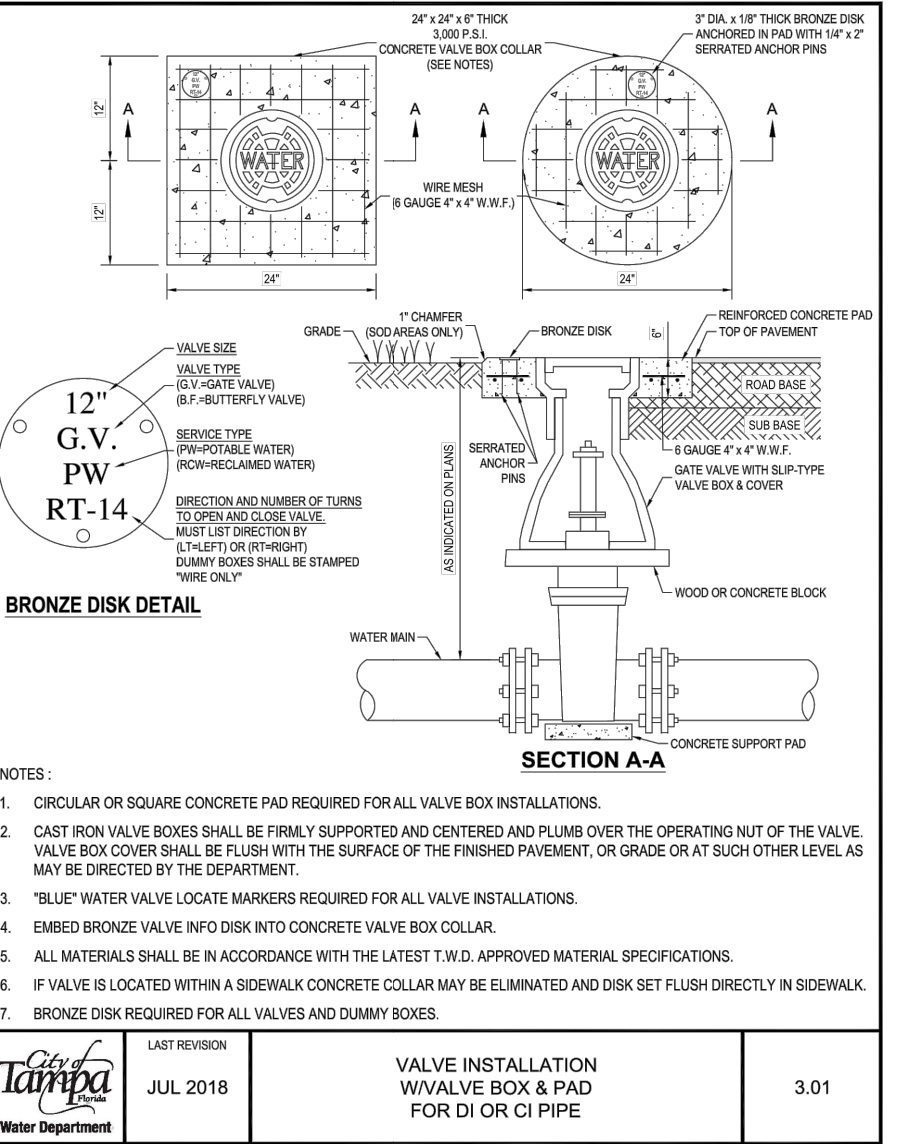
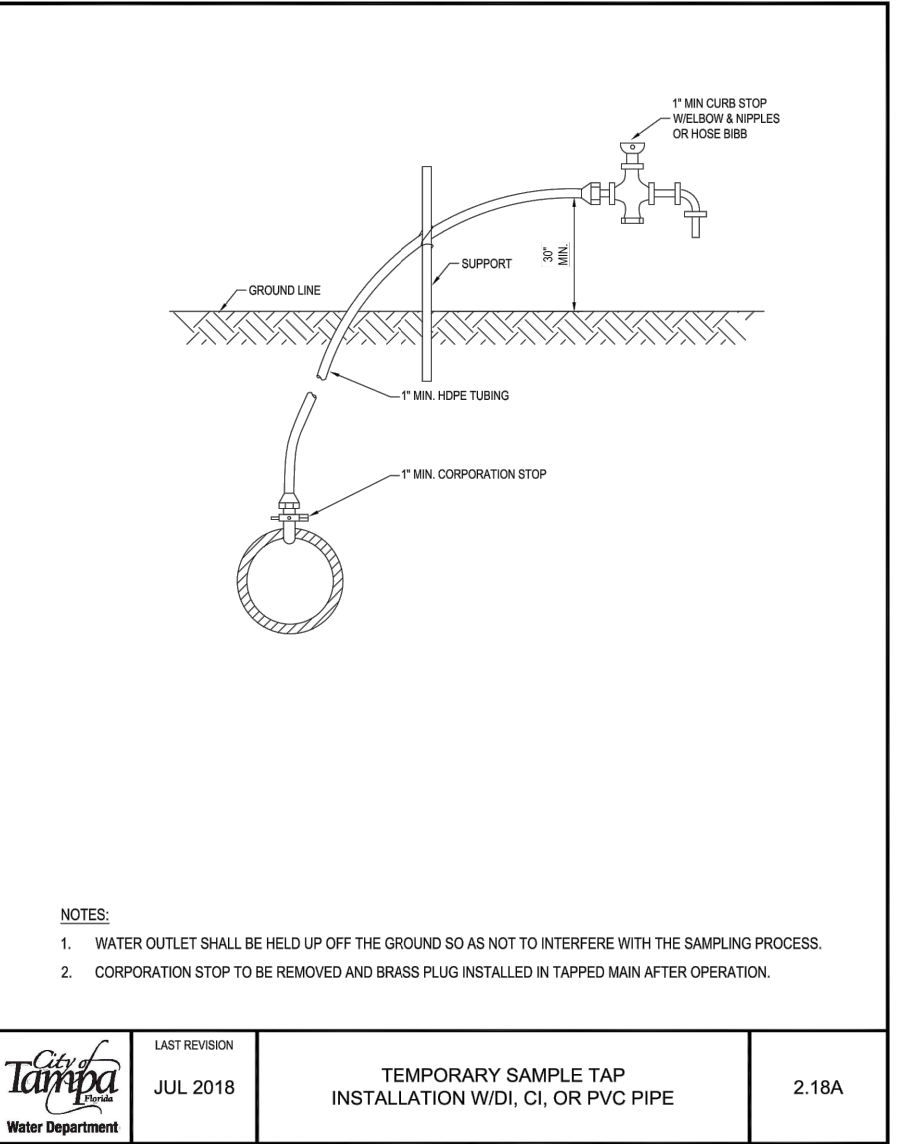
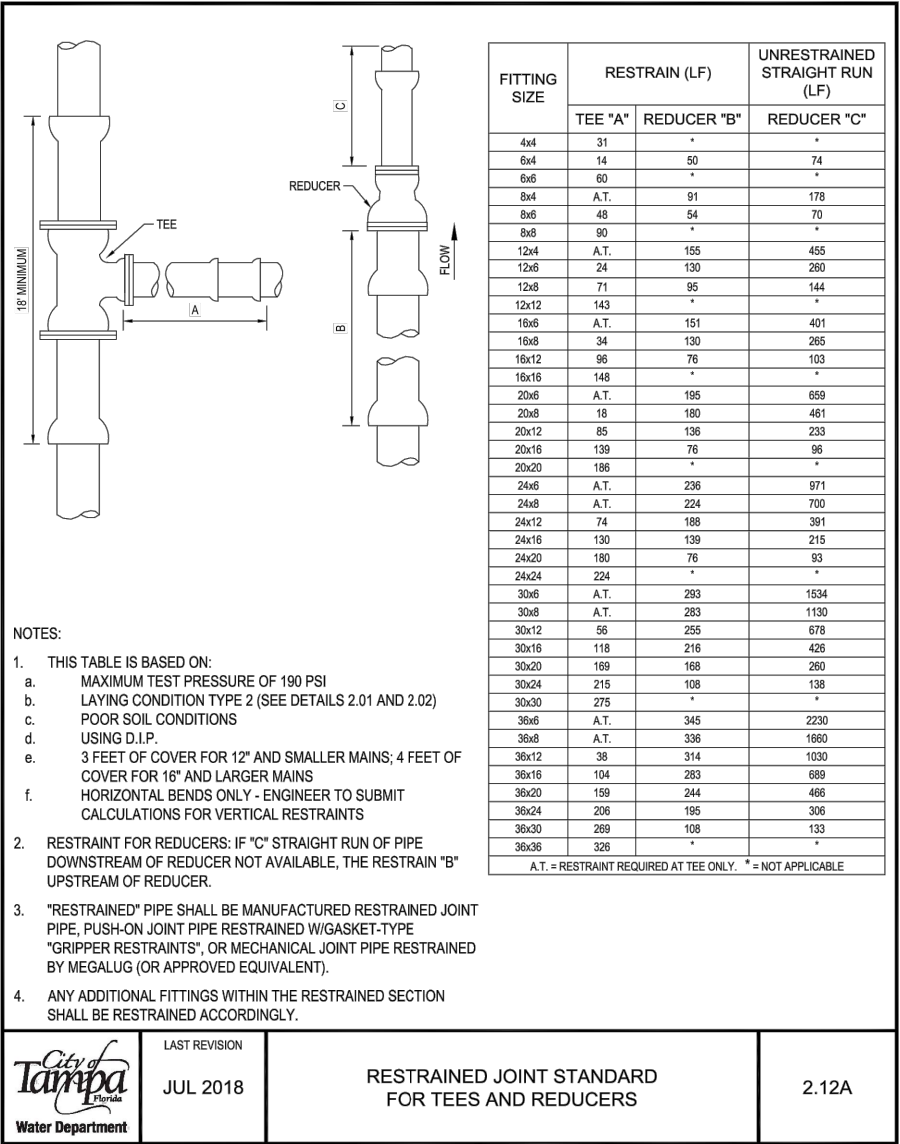
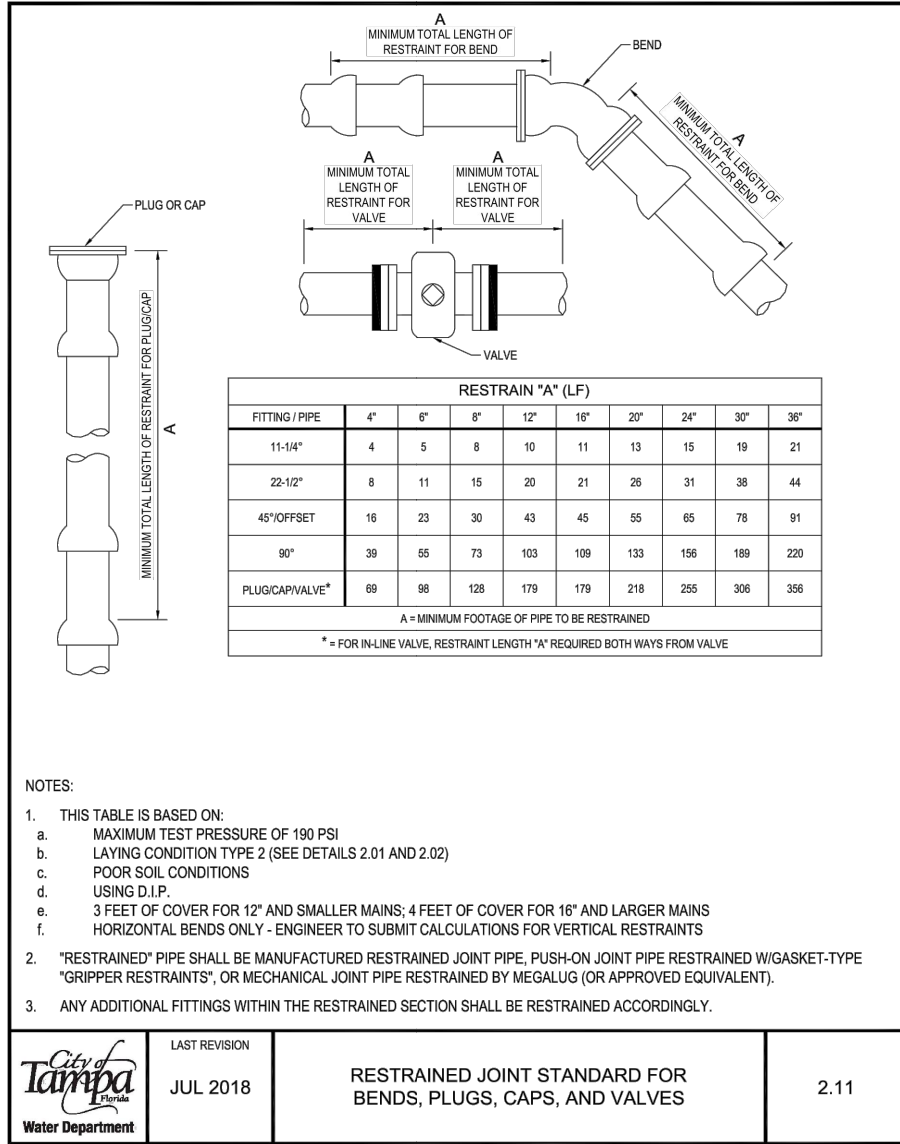
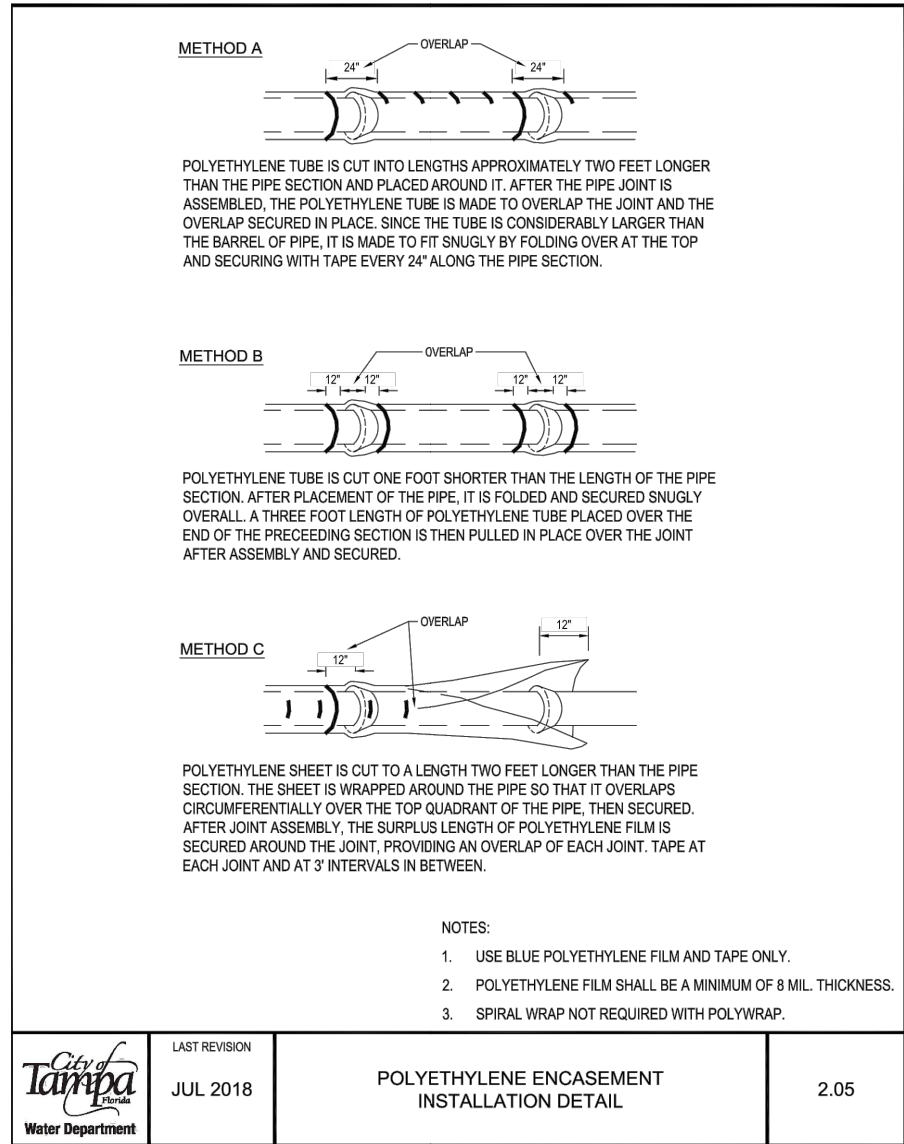
HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START

PROJECT #: 2010-00

DISTRIBUTION	DATE
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UTILITY PLAN

C-7



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LAUREN D. CAMPO, P.E. # 57421 12/18/2020

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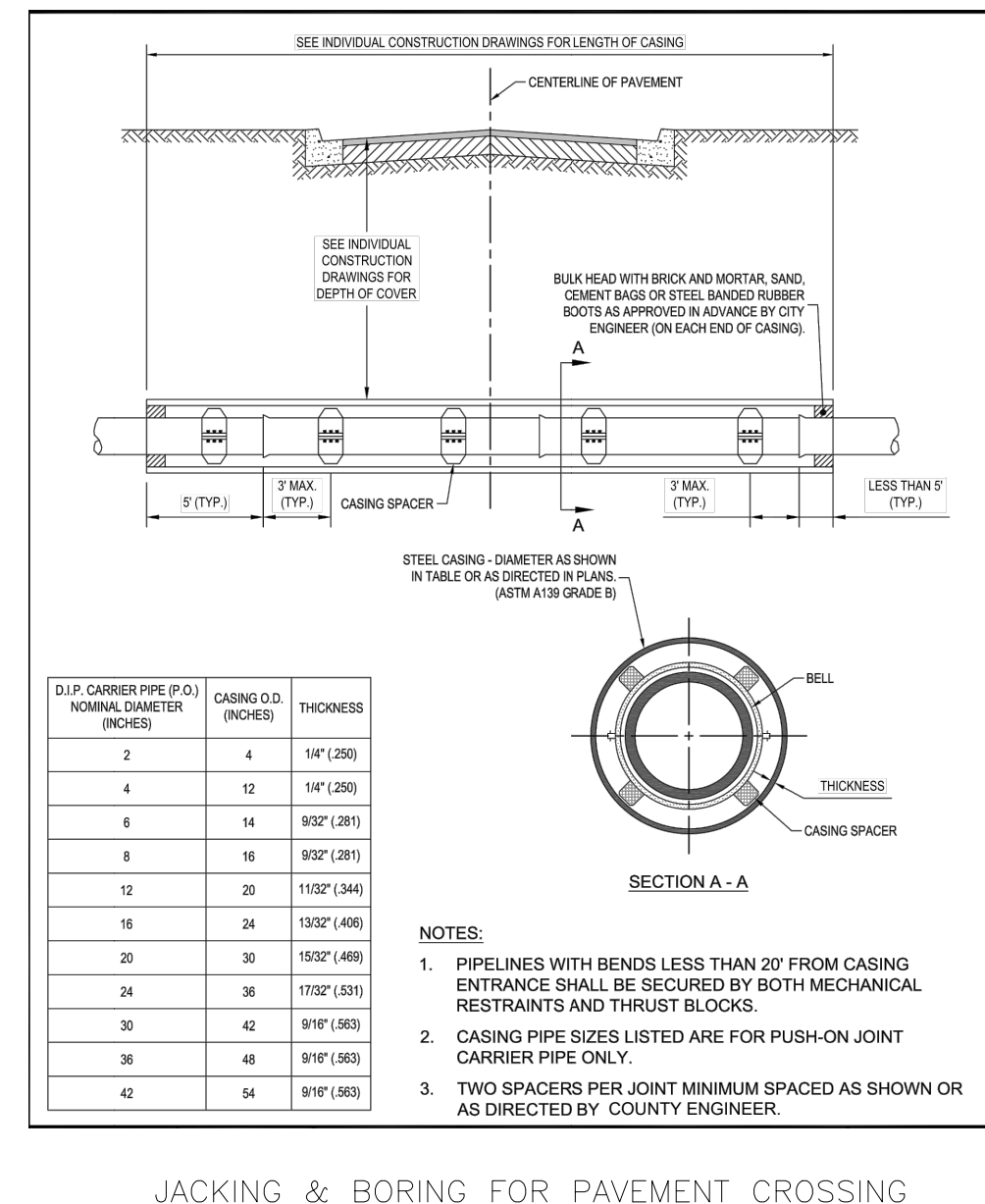
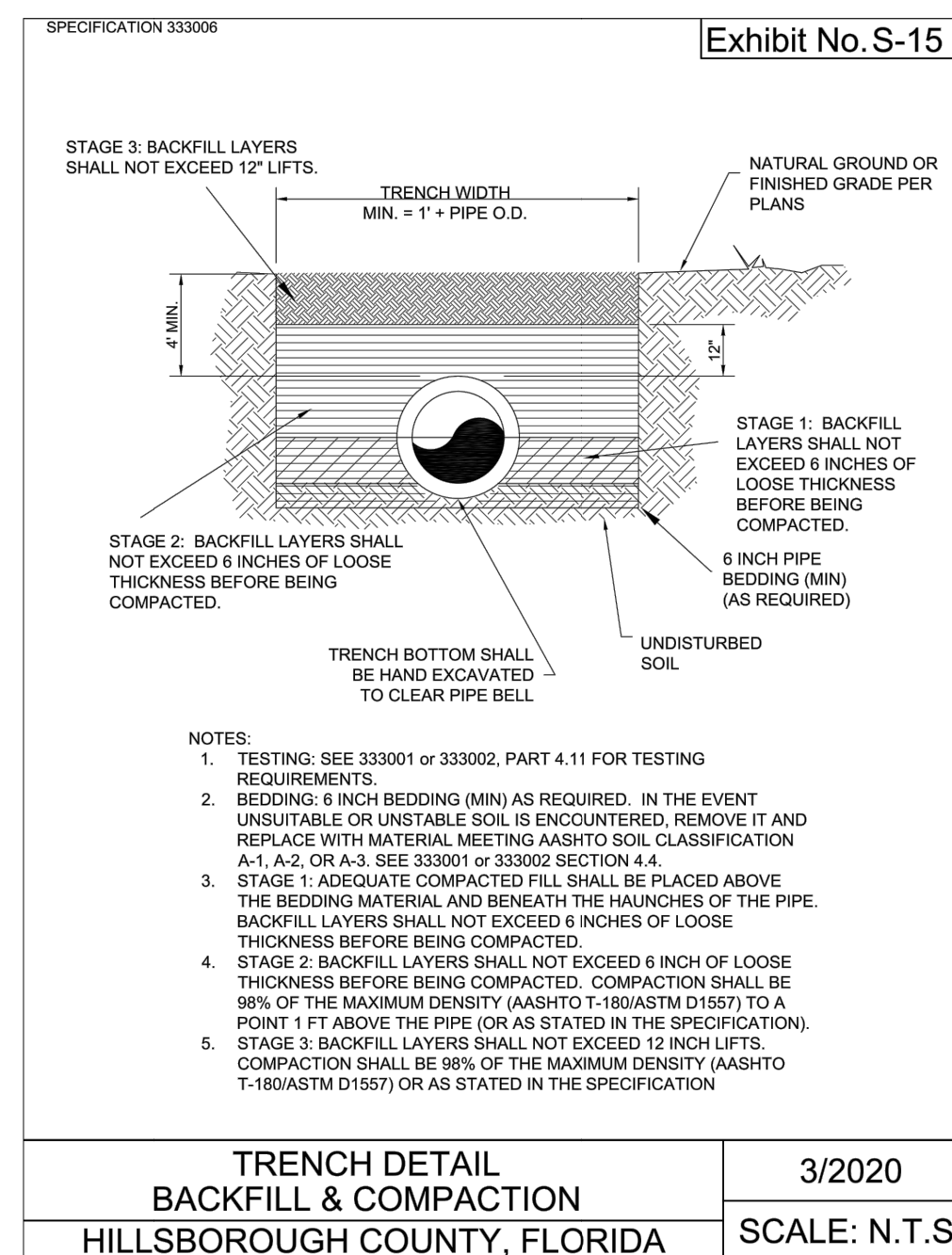
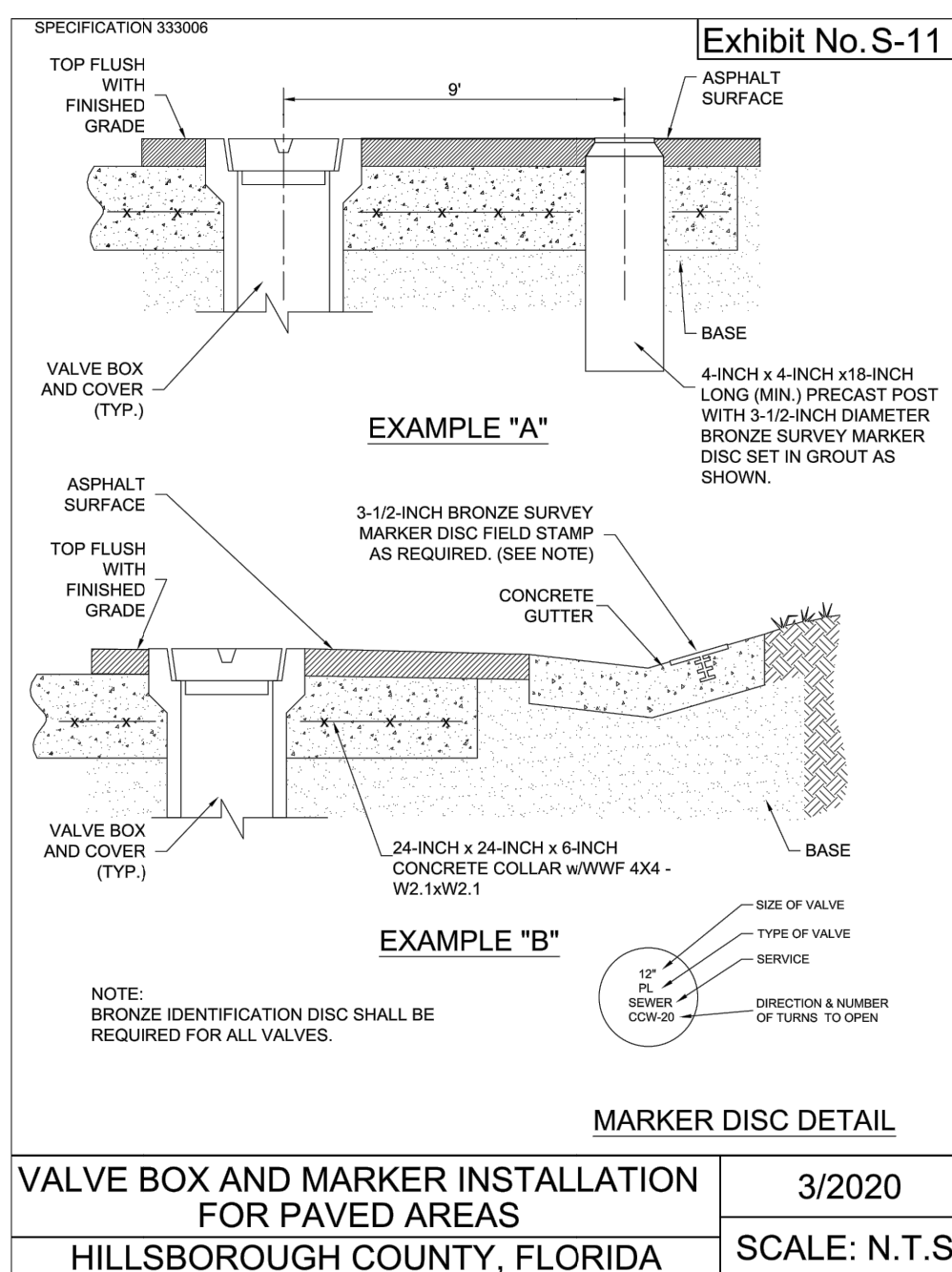
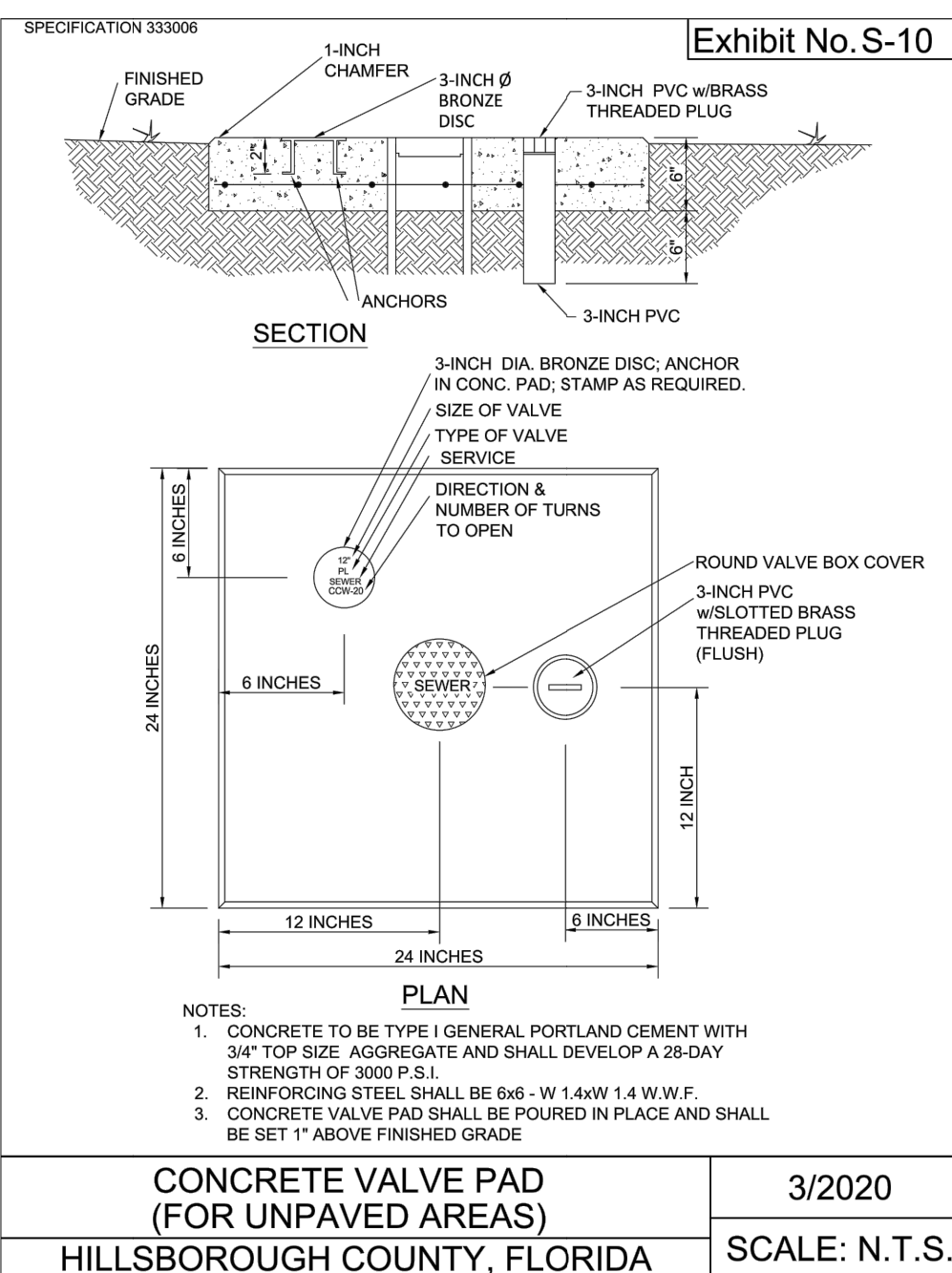
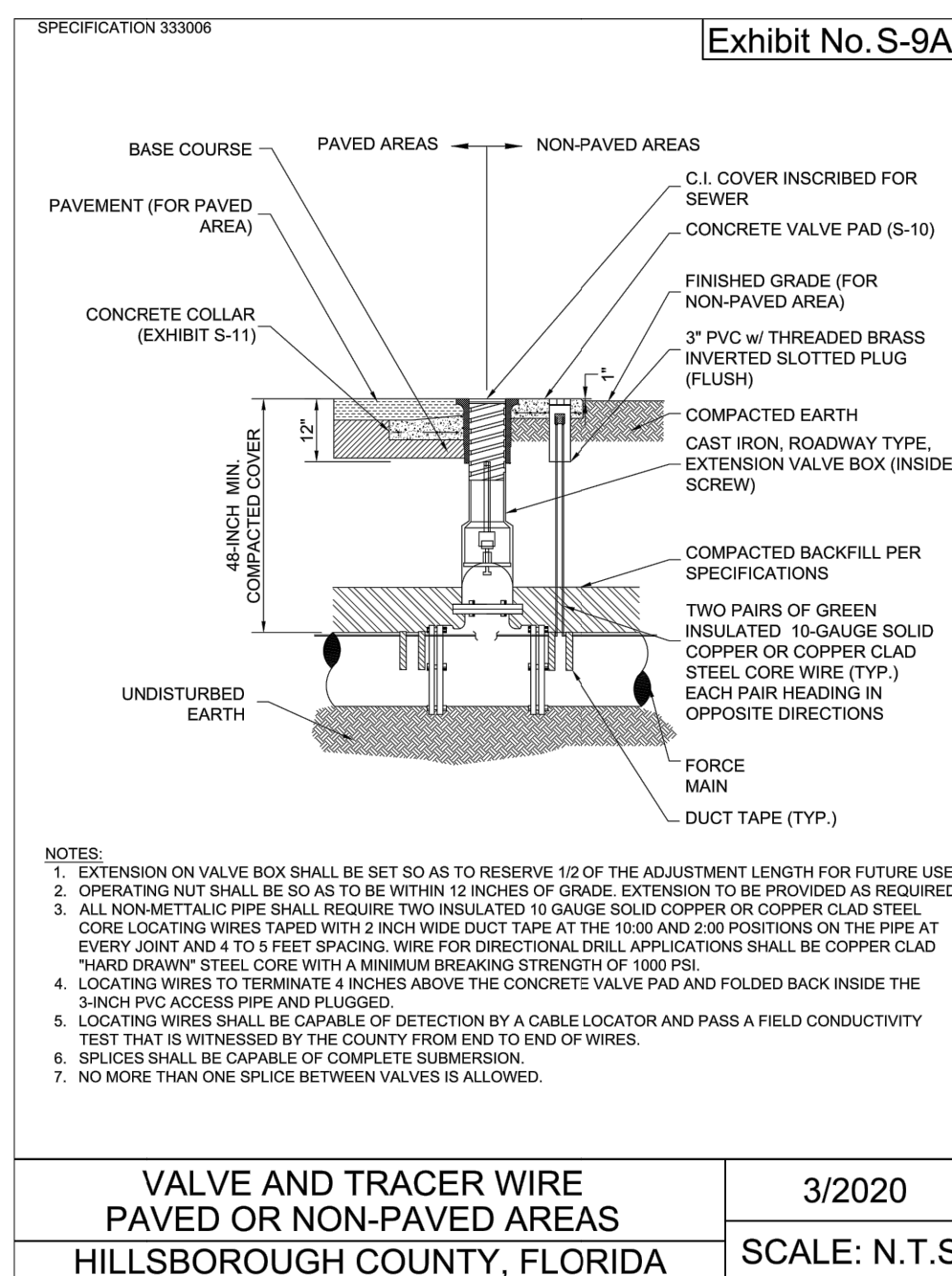
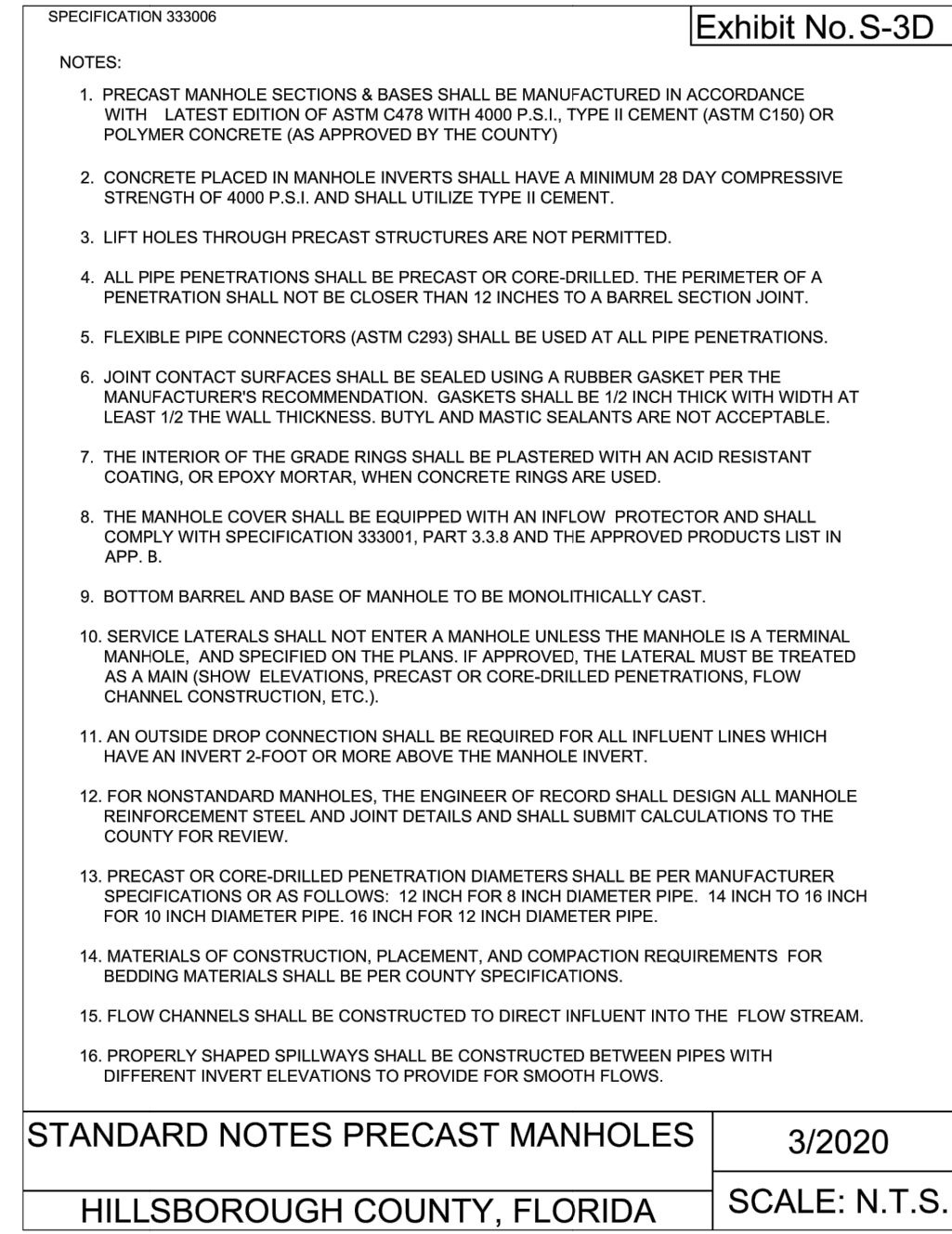
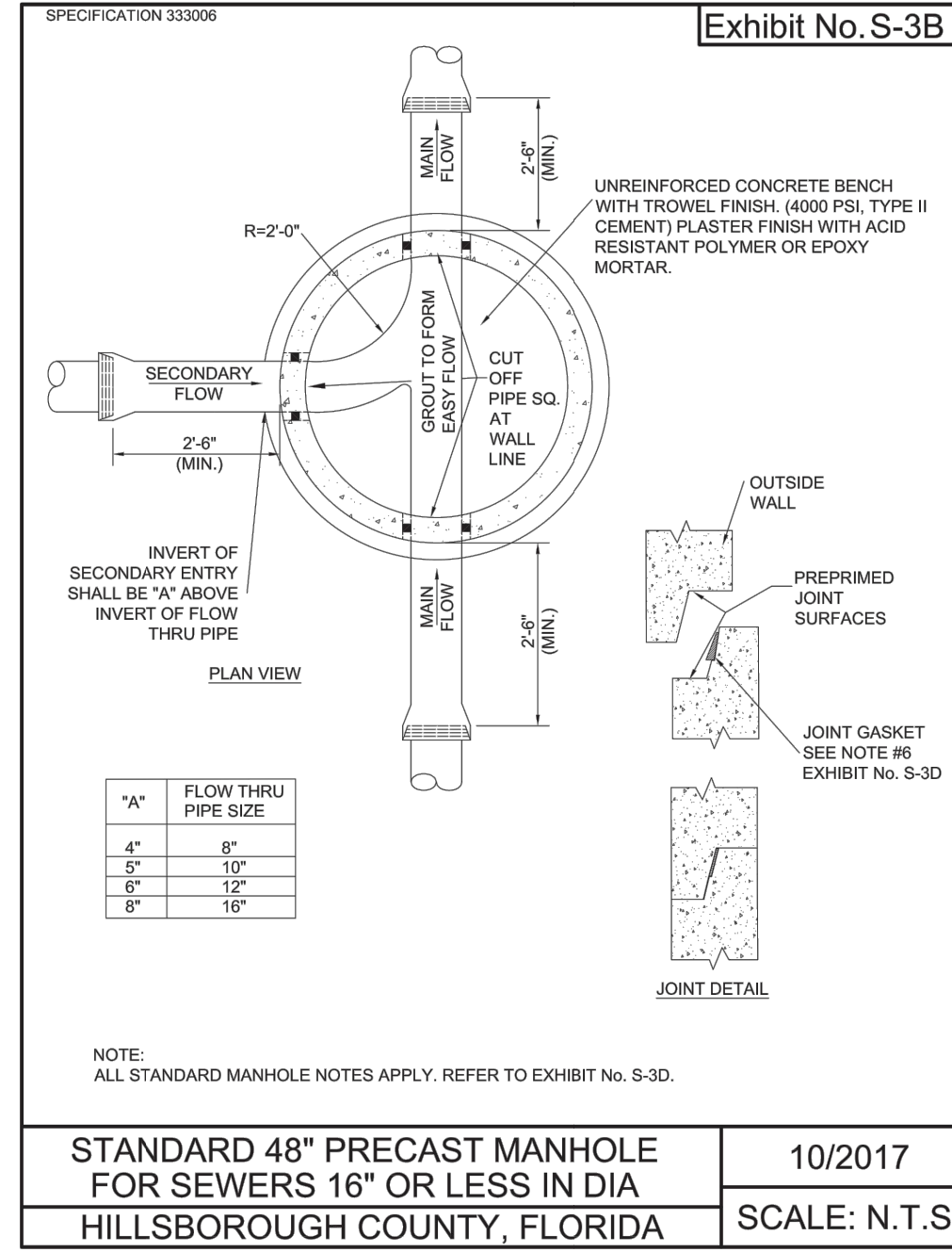
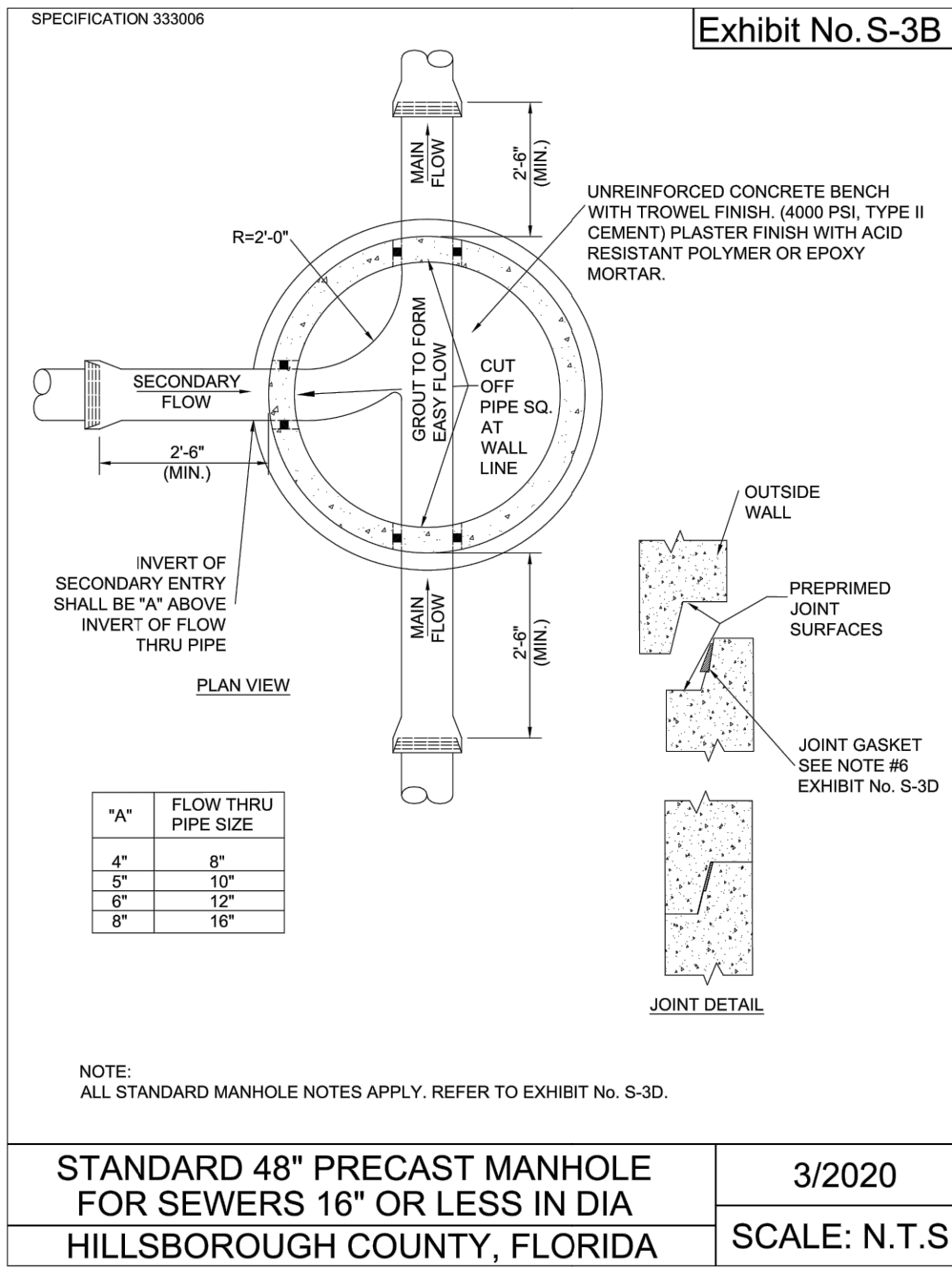
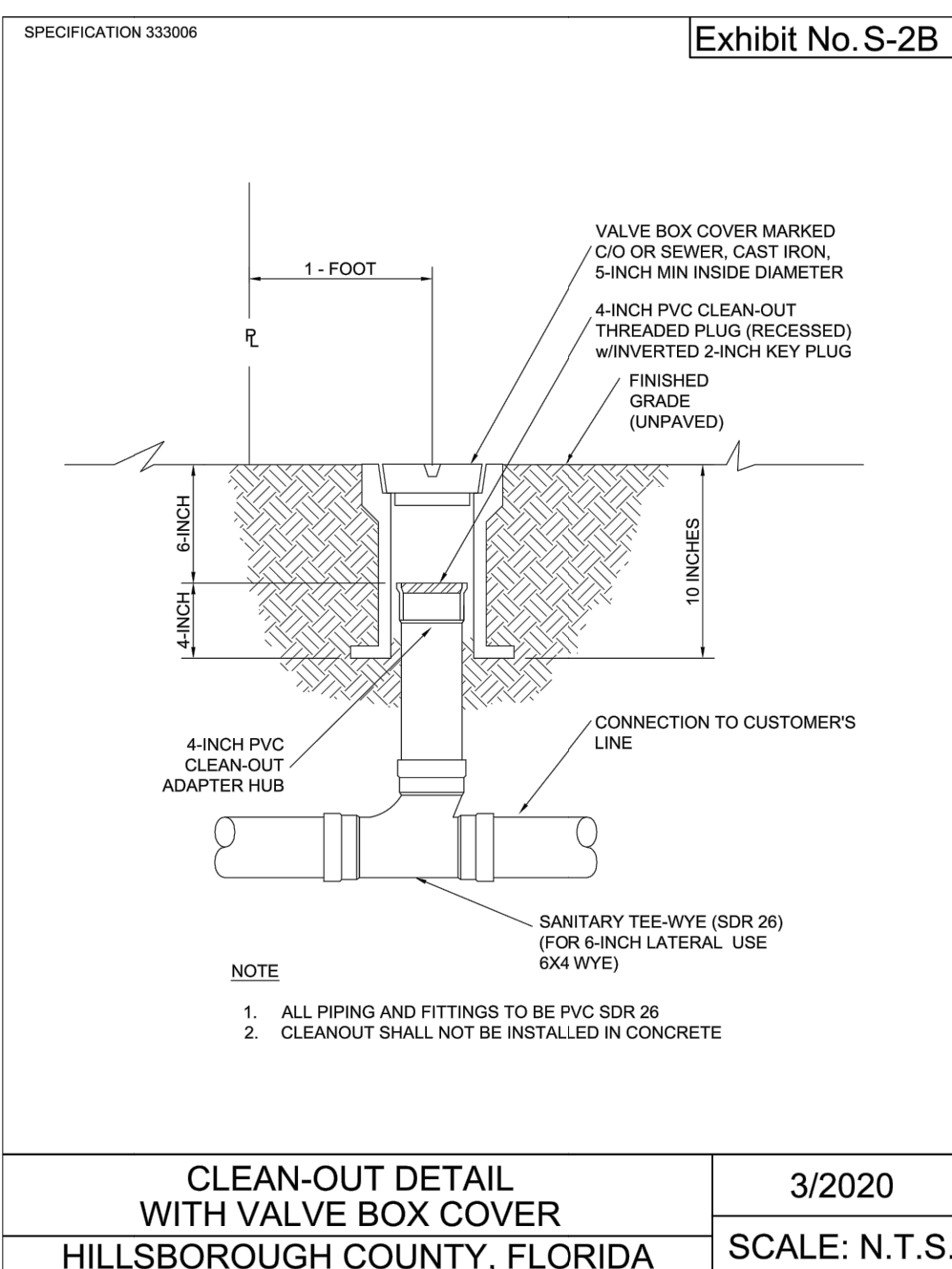
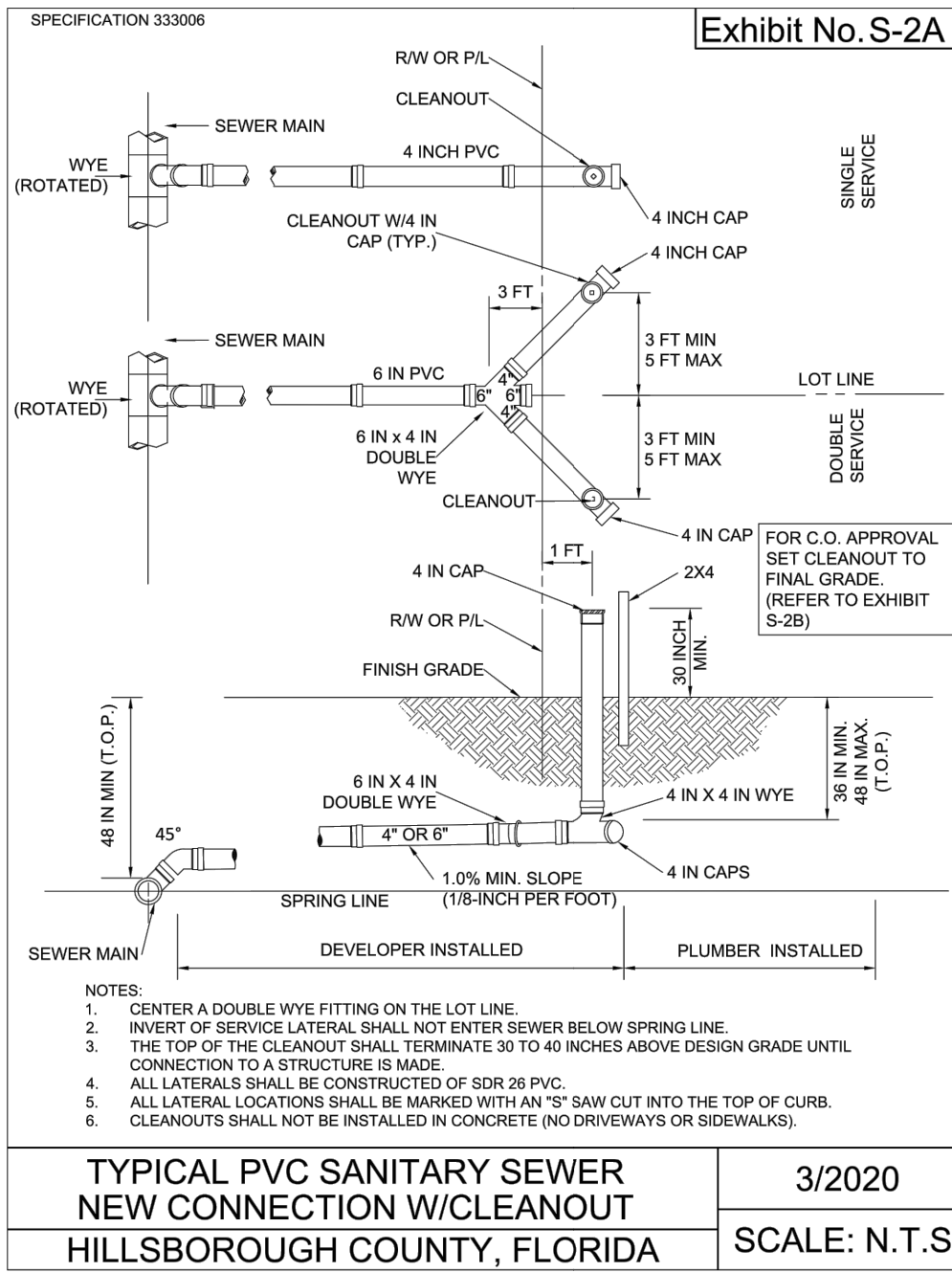
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12.21.2020

UTILITY DETAILS

C-8

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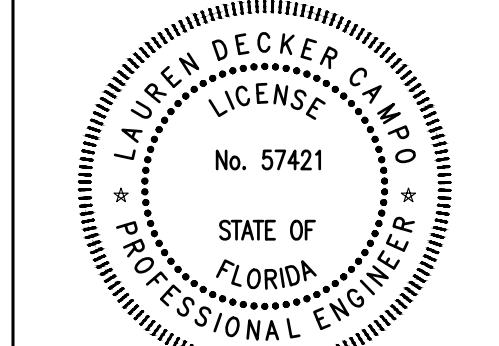


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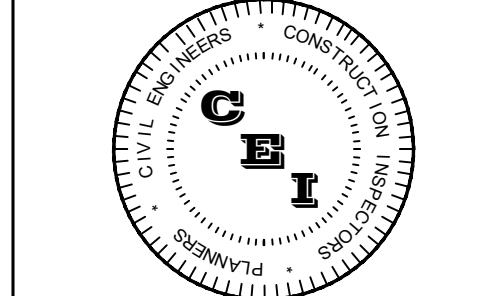
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HILLSBOROUGH COUNTY
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UTILITY DETAILS

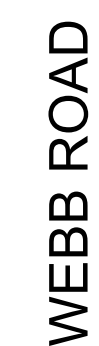
C-9

ARGENTINE
BAHIA
SOD

2" DEEP
OAK LEAF
MULCH

LANDSCAPE

QUANTITY	SPECIES
10	QV



INSTALL JASMINE VINES ON THE OUTSIDE OF THE FENCE

TYPE 'A' BUFFER WITH 6 FT. HT. EVERGREEN PLANTS, OVERALL SCREENING OPACITY OF 75% TYPICAL

TYPE 'A' BUFFER WITH 6 FT. HT. EVERGREEN PLANTS, OVERALL SCREENING OPACITY OF 75% TYPICAL

FOLIO No. 006748-0000

NORTH

SCALE 1" = 20' - 0"

INV 12" CMP ELEV=6.22

N89°09'07"W 511.48' (F)

ZONING: RSG-6

1315 E. SEVENTH AVENUE
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TAMPA, FLORIDA 33605.3607

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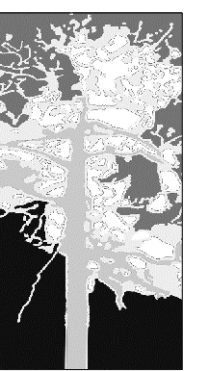
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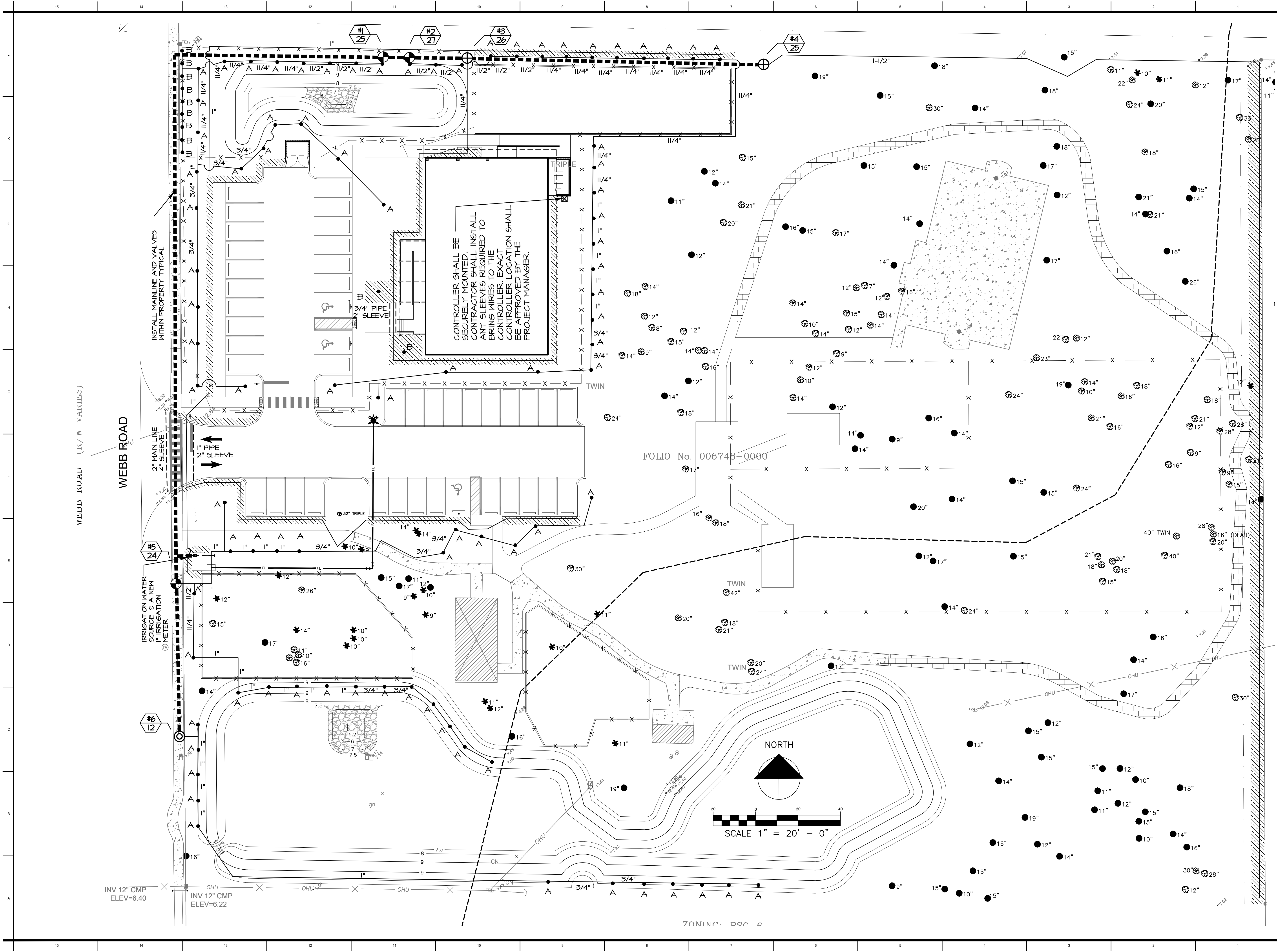
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 LEADY SET FILE FOLDER

LANDSCAPE PLAN

11

2.1.1



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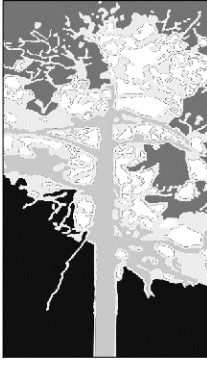
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IRRIGATION PLAN

L1.2

PLANT MATERIAL LIST

IRRIGATION MATERIAL LIST

SYMBOL	QUANTITY	MODEL NUMBER
A ●	172	1402, 0.5 GPM FULL CIRCLE BUBBLER, 2 PER TREE
B ●	11	1401, 0.25 GPM FULL CIRCLE BUBBLER, 1 PER TREE
± 3,400 LF		XFD-04-12-250, LANDSCAPE DRIPLINE
⊕	3	150-PEB-PRSD, 11/2" ELECTRIC VALVE
⊕	1	100-PEB-PRSD, 1" ELECTRIC VALVE
⊕	2	XCZ-PRB-150-COM, 11/2" CONTROL ZONE KIT
± 885 LF		2" PVC, SCHEDULE 40, MAIN LINE
⊗	1	ESP8LXME, 8 STATION CONTROLLER
	1	WR2, WIRELESS RAIN CHECK AUTOMATIC RAIN SHUTOFF

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	SPACING
UA	12	ULMUS ALATA	WINGED ELM	12' HT X 5' SPD, 1" DBH	AS SHOWN
TD	24	TAXODIUM DISTICHUM	BALD CYPRESS	14' HT X 5' SPD, 2" DBH	AS SHOWN
PE	24	PINUS ELLIOTTI	SLASH PINE	16' HT X 6' SPD, 3" DBH	AS SHOWN
AR	23	ACER RUBRUM	RED MAPLE	14' HT X 5' SPD, 2" DBH	AS SHOWN
MC	66	MYRICA CERIFERA	WAX MYRTLE	6' HT X 5' SPD	6' OC
SS	4	MYRICANTHES FRAGRANS	SIMPSON'S STOPPER	30" HT X 24" SPD, 1 GALLON	36" OC
MF	158	MYRICANTHES FRAGRANS	SIMPSON'S STOPPER	24" HT X 24" SPD, 3 GALLON	36" OC
VS	81	VIBURNUM SUSPENSUM	SANDANKWA VIBURNUM	18" HT X 18" SPD, 3 GALLON	36" OC
IV	50	ILEX VOMITORIA 'STOKES DWARF'	DWARF YAUPOH HOLLY	15" HT X 15" SPD, 3 GALLON	30" OC
TJ	4	TRACHELOSPERMUM JASMINODES	CONFEDERATE JASMINE	36" STK, 3 GALLON	6' OC

TREE REQUIREMENTS

- 1) INTERIOR TREE REQUIREMENT
ONE TREE PER ISLAND
4 ISLANDS/ 1 = 4 - 2 EXISTING TREES = 2 TREES
- 2) PARKING PERIMETER BUFFER
ONE CANOPY TREE PER 40 LF
450 LF / 40 = 12 - 4 EXISTING TREES = 8 TREES
- 3) EXISTING TREE REMOVALS
5 @ 24", 25", 27", 32" = 204" X 5 = 102"
GRAND TREES 36" + 40" = 76" X 1 = 76"
102" + 76" = 178"
- 4) TOTAL TREE REQUIREMENTS
7 + 8 + 178 = 193 TREES @ 1" DBH

TOTAL TREE INCHES

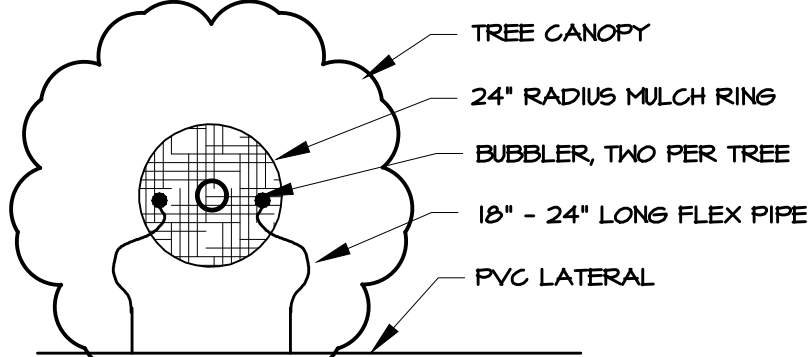
WINGED ELM	12 X 1" =	12"
BALD CYPRESS	24 X 2" =	48"
SLASH PINE	24 X 3" =	81"
RED MAPLE	23 X 2" =	46"
TOTAL INCHES		193"

IRRIGATION INSTALLATION NOTES

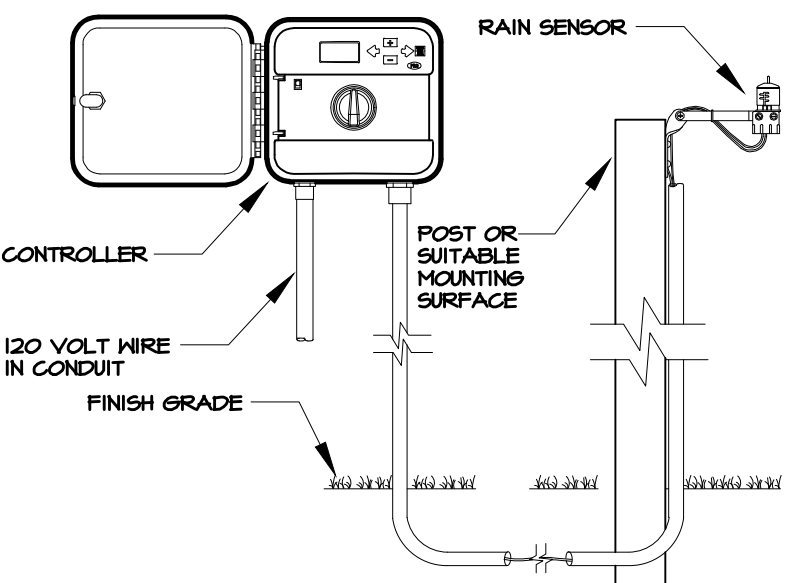
- 1) ALL QUANTITIES SHOWN ON THE DRAWINGS ARE NOT GUARANTEED AS TO ACCURACY AND ARE SHOWN FOR THE PURPOSES OF INDICATING VOLUME OF WORK. IT SHALL BE THE RESPONSIBILITY OF THE BIDDER TO SATISFY HIMSELF AS TO THE ACCURACY OF THE QUANTITIES.
- 2) PIPING OR VALVES MAY SOMETIMES BE INDICATED AS BEING LOCATED IN UNLIKELY AREAS; I.E., IN BUILDINGS, UNDER PAVEMENT, OR OUTSIDE OF THE PROPERTY LINES. THIS IS DONE FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE, PIPING IS TO BE INSTALLED IN SOIL AREAS.
- 3) INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES.
- 4) PIPE SIZES ARE LABELED AT LOCATIONS WHERE AN INCREASE IN SIZE OCCURS. CONTINUE PIPE SIZE UNTIL SIZE INCREASE IS INDICATED. PIPES SHALL BE INSTALLED ALONG WALKS, CURBS OR WALLS. THEY SHALL NOT BE INSTALLED IN THE MIDDLE OF PLANTERS. CONTRACTOR SHALL REVIEW LANDSCAPE PLANS TO DETERMINE TREE AND PALM LOCATIONS. MAIN LINE AND LATERALS SHALL BE SCH 40 PVC.
- 5) ALL POP-UP SPRAY AND ROTOR HEADS SHALL BE INSTALLED ON 18" LONG FLEX PIPE CONNECTIONS. RISERS SHALL BE 28" IN HEIGHT OR 4" ABOVE ADJACENT SHRUBS. ALL IRRIGATION EQUIPMENT SHALL BE BY HUNTER, UNLESS OTHERWISE STATED ON THE PLAN.
- 6) WATER SOURCE IS A NEW 1" IRRIGATION METER. IRRIGATION SYSTEM REQUIRES 27 GPM AT 50 PSI. WIRING USED FOR CONNECTING THE VALVES TO THE CONTROLLER SHALL BE TYPE UF-16 AWG WIRE, WITH PVC INSULATION. ZONE WIRES SHALL BE COLOR CODED, AND COMMON WIRE SHALL BE WHITE. VALVE BOXES SHALL BE RAINBIRD MODEL-VB-STD, STANDARD, GREEN. PLACE 3" GRAVEL INSIDE VALVE BOXES.
- 7) NEW CONTROLLER SHALL BE WALL MOUNTED IN LOCATION SHOWN ON PLAN, AS APPROVED BY THE PROJECT MANAGER. AFTER 30 DAY PLANT MATERIAL ESTABLISHMENT PERIOD, CONTROLLER SHALL BE SET AS PER LOCAL WATER RESTRICTIONS. AFTER IRRIGATION SYSTEM INSTALLATION IS COMPLETE, CONTRACTOR SHALL PROVIDE THE OWNER WITH AN AS-BUILT DRAWING SHOWING LOCATION OF IRRIGATION HEADS, VALVES AND PIPE.
- 8) PIPING ON THE PLAN IS DIAGRAMMATICALLY ROUTED FOR CLARITY. DESIGN MODIFICATIONS SHALL BE MADE TO MEET FIELD CONDITIONS. THE PIPING SCHEMATIC IS DESIGNED TO MINIMIZE TRENCHING. WHENEVER POSSIBLE RUN MULTIPLE LINES AND WIRE IN THE SAME TRENCH.
- 9) WHERE EXISTING OR PROPOSED PAVED SURFACES CROSS IRRIGATION LINES, ALL PIPING UNDER SAID SURFACES SHALL BE IN SLEEVES. SLEEVES SHALL BE SCH 40 PVC, MINIMUM 2" DIAMETER OR AS SPECIFIED ON PLAN.
- 10) MINIMUM COVER: PROVIDE 18" MINIMUM COVER OVER SLEEVES, 18" MINIMUM COVER OVER TOP OF MAIN LINE AND CONTROL WIRING, AND 12" MINIMUM COVER OVER ANY OTHER INSTALLED IRRIGATION PIPING.

D RIP INSTALLATION NOTES

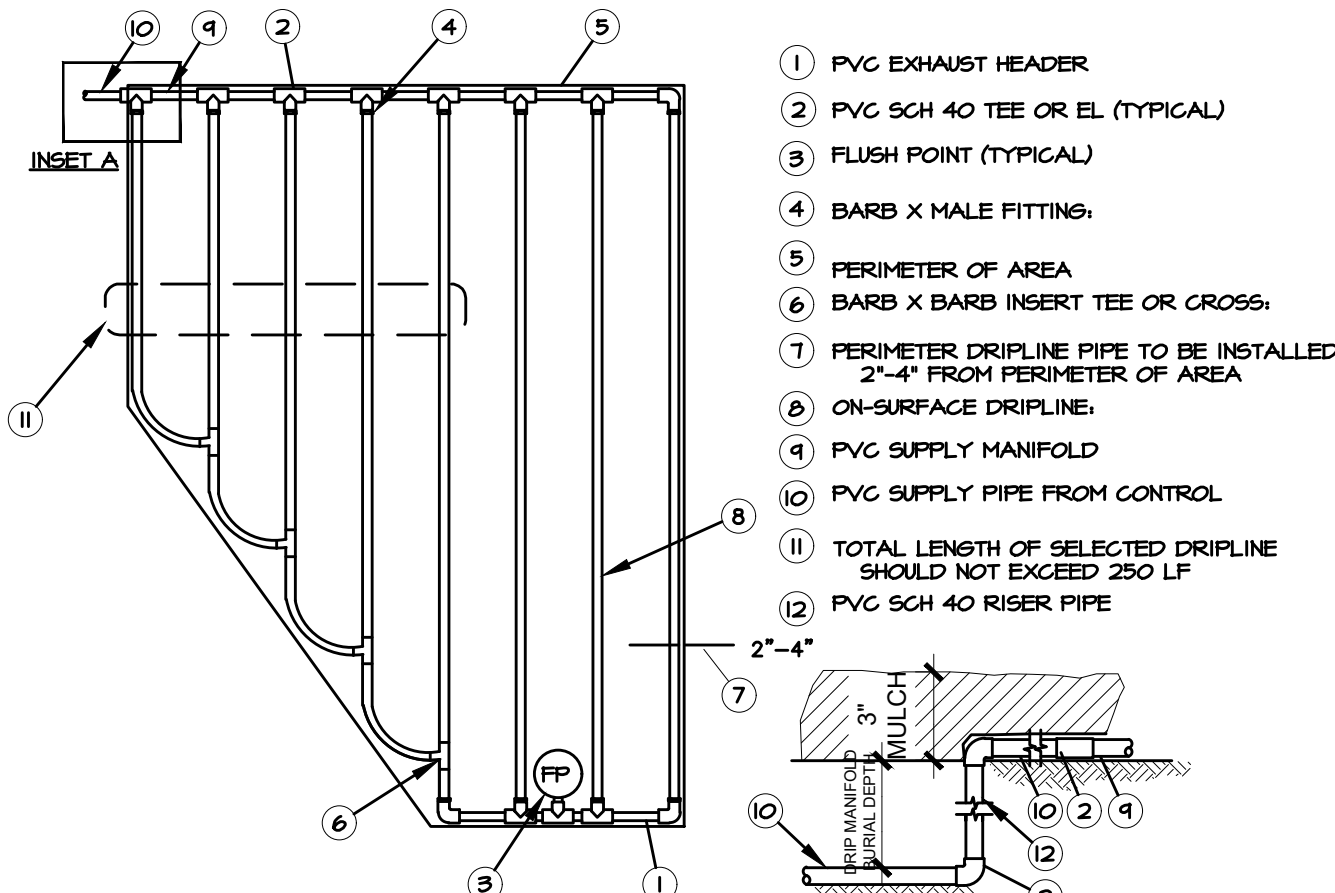
- 1) DRIPLINE SHALL BE LAID DIRECTLY UNDER THE 3" MULCH BED. MULCHING OF PLANT BEDS SHALL OCCUR AFTER DRIPLINE INSTALLATION.
- 2) DRIPLINE SHALL COVER THE FULL EXTENT OF ALL PLANTING BEDS WHERE IT IS INDICATED ON THE DRAWINGS, AT A SPACING OF 18" ON CENTER. ON THE DRIPLINE ZONES, THE ELECTRIC VALVE, DISC FILTER, AND PRESSURE REGULATOR SHALL BE PLACED UNDERGROUND IN A PLASTIC VALVE BOX WITH COVER. ADJUST PRESSURE REGULATOR TO ACCOMMODATE EACH ZONE.
- 3) INDIVIDUAL SECTIONS OF DRIPLINE SHALL BE CONNECTED USING PVC PIPE, SIZED AS PER GPM REQUIREMENTS. DRIPLINE SHALL BE STAPLED OR OTHERWISE FASTENED TO THE FINISH GRADE EVERY 4' ON CENTER.



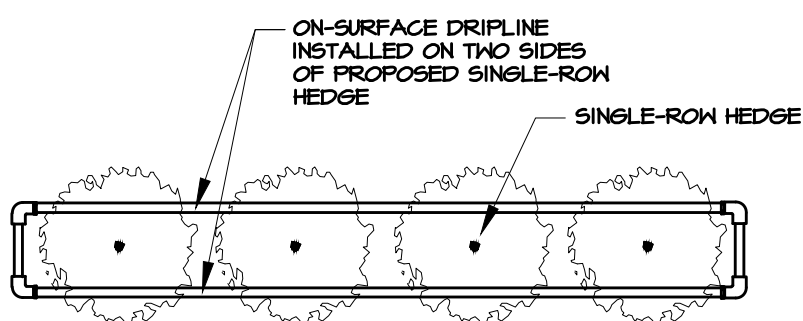
BUBBLER DETAIL



CONTROLLER WITH RAIN SENSOR



ON-SURFACE DRIPLINE INSTALLATION



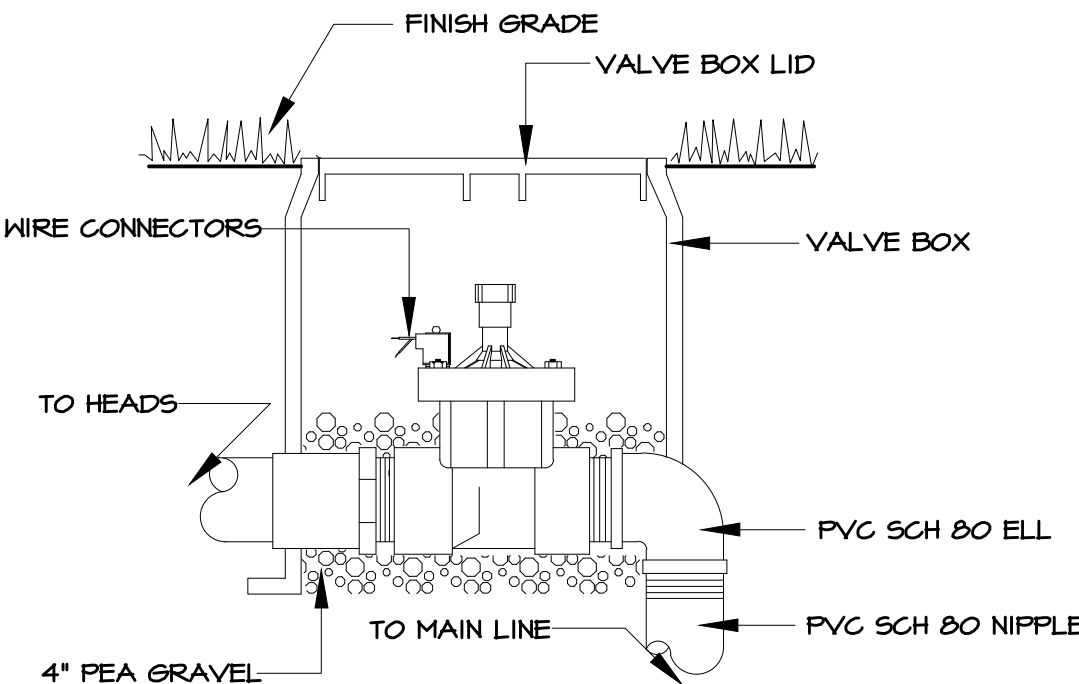
SINGLE-ROW HEDGE DRIPLINE DETAIL

LANDSCAPE INSTALLATION NOTES

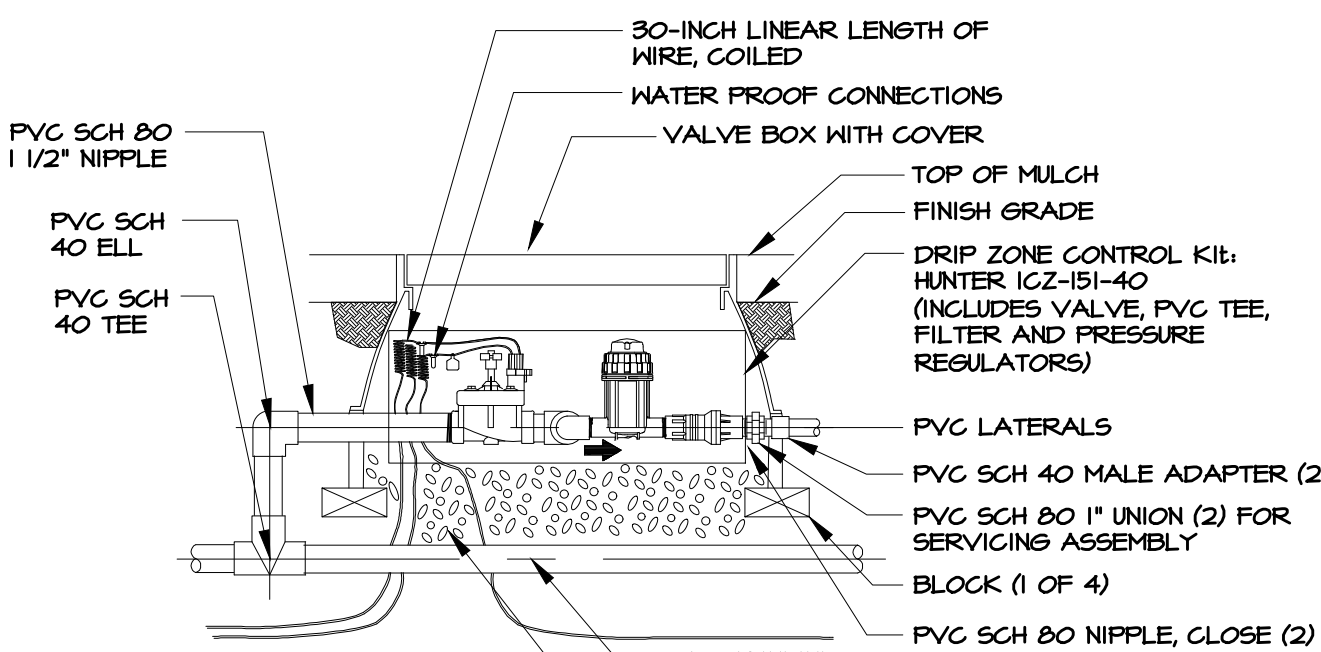
- 1) ALL PLANT MATERIALS SHALL BE FLORIDA #1 OR BETTER AS GIVEN IN, GRADES AND STANDARDS FOR NURSERY PLANTS, FEBRUARY 1998 EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- 2) LOCATION OF PLANTS ON THE PLAN ARE DIAGRAMMATIC- SEE THE LANDSCAPE ARCHITECT FOR QUESTIONS ON EXACT LOCATIONS. THE PLANT MATERIALS LIST IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY BETWEEN THE PLANT LIST AND THE PLAN, THE PLAN SHALL PREVAIL.
- 3) IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS.
- 4) THE CONTRACTOR SHALL INSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS, OR OTHER WASTE MATERIALS TO A DEPTH OF 24" PRIOR TO LANDSCAPE INSTALLATION.
- 5) ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE AND THEN TOP-DRESSED WITH 3" DEEP PINE BARK NUGGETS MULCH. ALL NEW TREES SHALL HAVE A TREE RING WITH A MINIMUM OF 24" RADIUS. ALL NEW TREES AND PALMS SHALL BE STAKED. ALL EXISTING TREES TO REMAIN SHALL HAVE A 6' RADIUS MULCH RING AT A DEPTH OF 3".
- 6) NEW SOD SHALL BE APPROXIMATELY ± 56,400 SF OF ARGENTINE BAHIA SOD, IN THE LOCATIONS SHOWN ON THE PLAN. CONTRACTOR SHALL DETERMINE EXACT QUANTITIES IN THE FIELD. SOD AREAS SHALL BE MAINTAINED BY THE CONTRACTOR FROM THE TIME OF INSTALLATION TO THE TIME OF FINAL ACCEPTANCE.
- 7) TREES, SHRUBS, AND GROUND COVER SHALL BE INSTALLED USING THE FOLLOWING PROCEDURE: PLANT PITS SHALL BE EXCAVATED TO TWICE THE DIAMETER OF THE PLANT ROOT BALL. AERATE EXISTING SOIL BEFORE BACKFILLING PIT.
- 8) TREE INSTALLATION: ALL REQUIRED TREES SHALL BE INSTALLED 1" - 2" ABOVE FINISH GRADE. TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD. REMOVE THE TOP 1/3 OF THE WIRE BASKETS ON ALL B & B STOCK.

SCREENING ABOVE GROUND UTILITIES

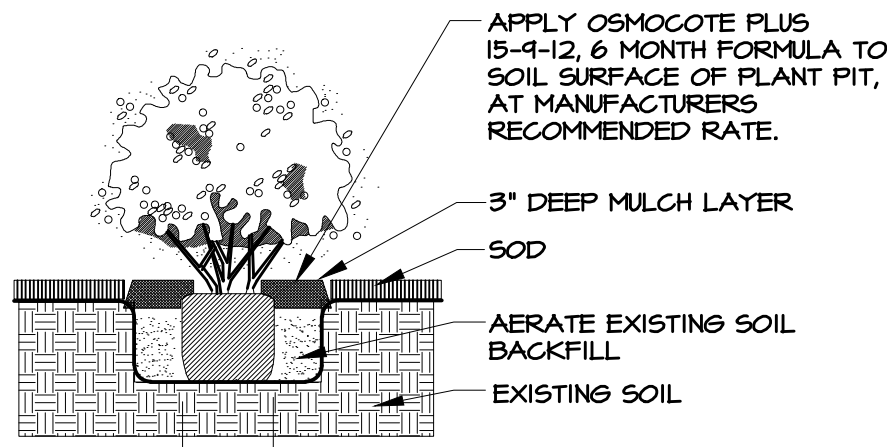
- 1) THE CONSTRUCTION OF ALL ABOVE GROUND UTILITY APPURTENANCES VISIBLE FROM THE PUBLIC RIGHT-OF-WAY SUCH AS PEDESTALS, UTILITY METERS, TRANSFORMERS, BACK-FLOW PREVENTION DEVICES, ETC. FOR NEW DEVELOPMENT OR REDEVELOPMENT ACTIVITIES SHALL CONFORM TO SCREENING REQUIREMENTS AS OUTLINED IN SECTION 6.06.06.010 OF THE LANDSCAPE DEVELOPMENT CODE. PLANT LOCATION MUST BE CONSIDERATE OF REQUIRED SPATIAL SEPARATIONS FROM A FIRE FLOW PROTECTION APPLIANCE IN ACCORDANCE TO THE UNIFORM FIRE CODE, AND MUST BE LOCATED A MINIMUM OF 5' FROM WATER METER ASSEMBLIES PER WATER, WASTEWATER AND RECLAIMED WATER TECHNICAL SPECIFICATIONS SPEC 331001, PART 2.6.4.2.
- 2) BACKFLOW PREVENTERS ON THIS SITE WILL NOT EXCEED 24" IN HEIGHT. SCREENING HEDGE IS PROPOSED TO BE 30" HT, SO THE BACKFLOW WILL BE LOWER THAN THE ADJACENT SCREENING HEDGE.



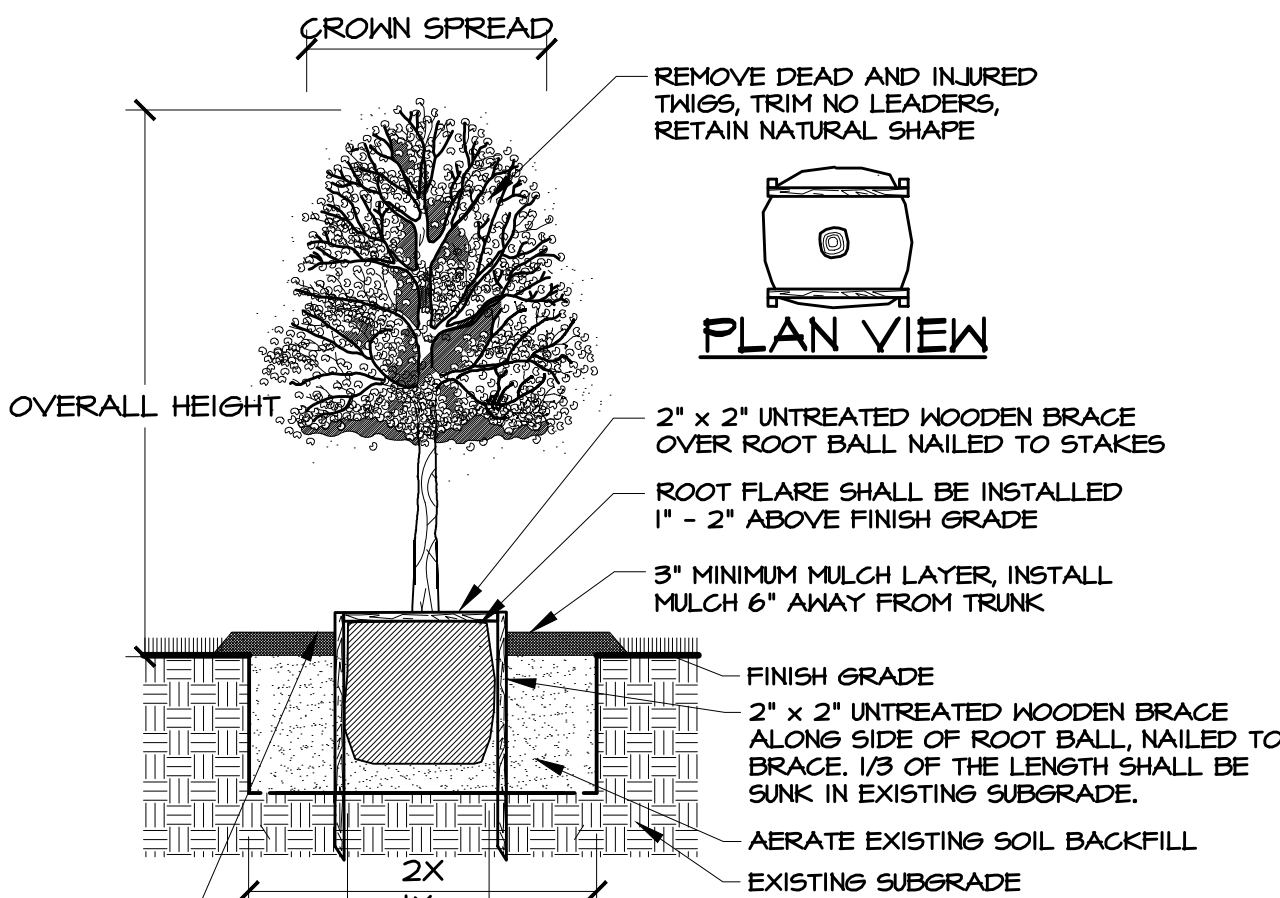
ELECTRIC VALVE DETAIL



D RIP CONTROL ZONE KIT



SHRUB PLANTING DETAIL



TREE STAKING AND PLANTING DETAIL

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HILLSBOROUGH COUNTY BOARD
OF COUNTY COMMISSIONERS
COUNTY CENTER
601 E KENNEDY BLVD
TAMPA, FL 33601

HILLSBOROUGH COUNTY
NORTHWEST AREA HEAD START

PROJECT #: 2010-00	DATE
DISTRIBUTION	05.01.2020
SCHEMATIC DESIGN	06.11.2020
DESIGN DEVELOPMENT	08.19.2020
90% CONST DOCS	12.21.2020
PERMIT SET	

LANDSCAPE AND
IRRIGATION NOTES
AND DETAILS

L1.3