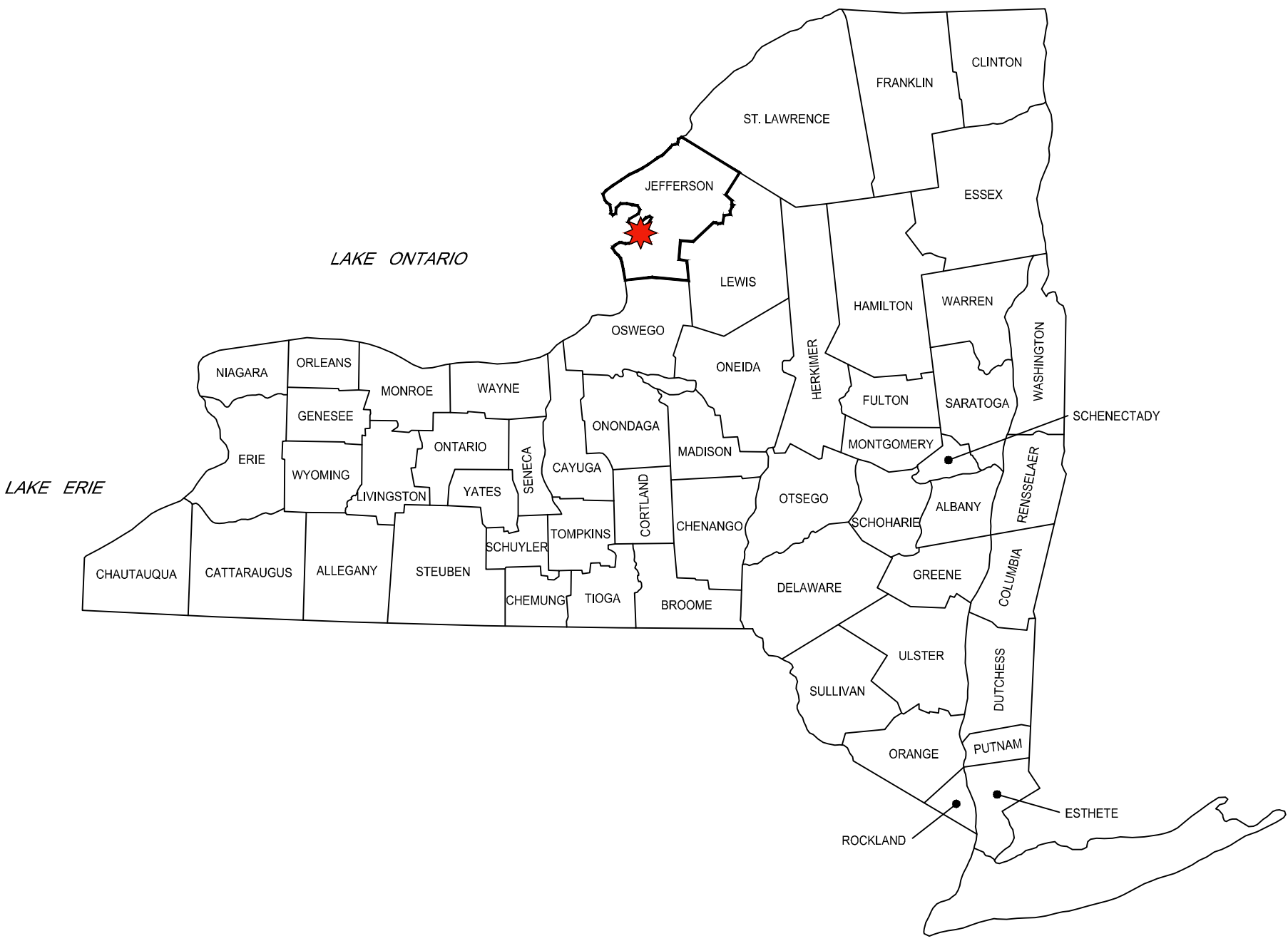
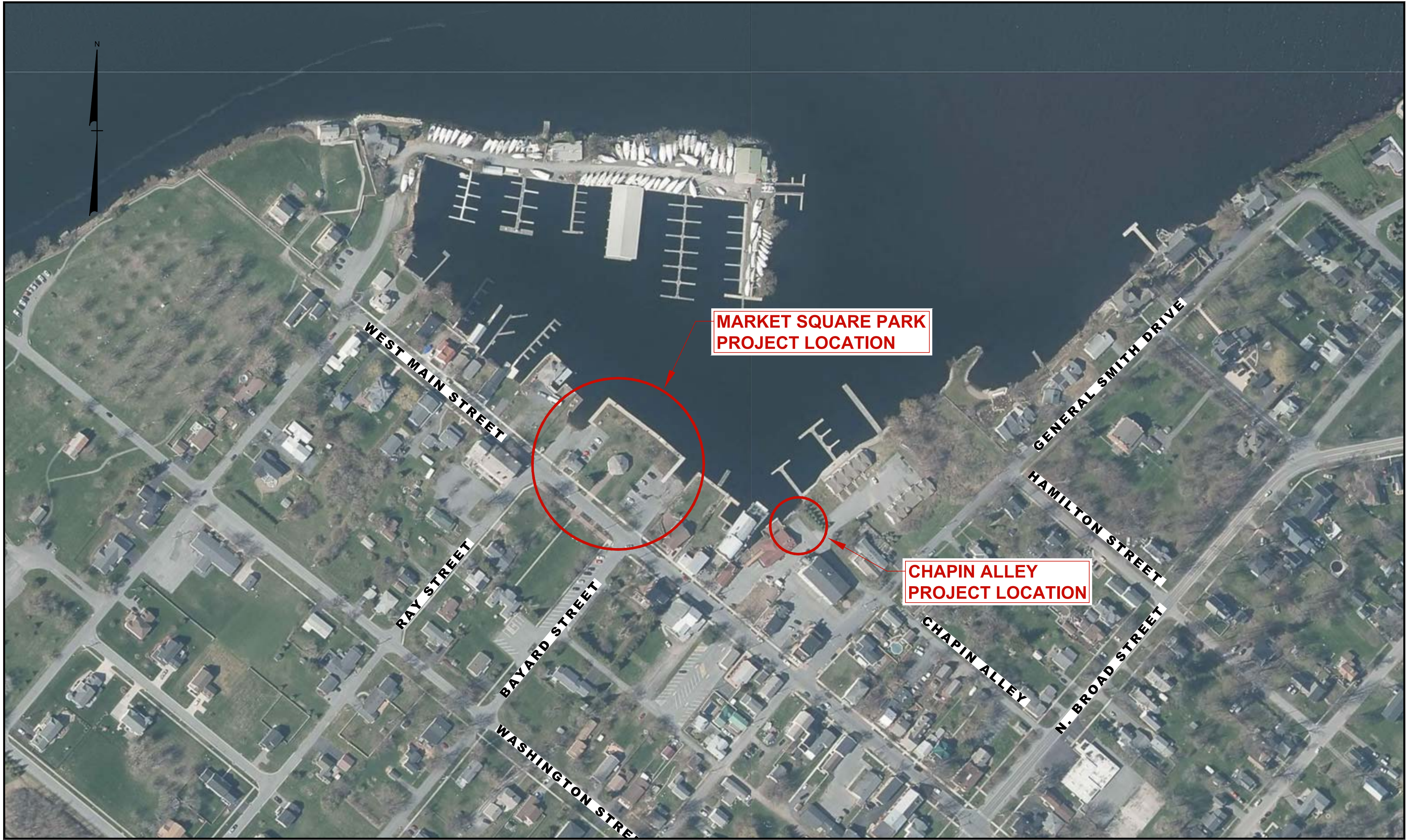
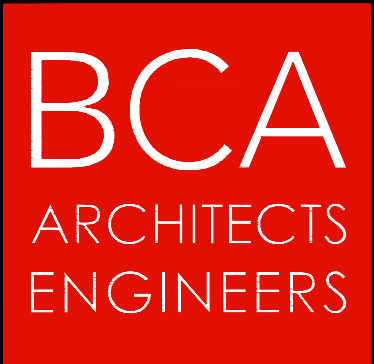


VILLAGE OF SACKETS HARBOR MARKET SQUARE PARK REDI IMPROVEMENTS & REHABILITATION

REDI ASSET: SJ.280
COUNTY OF JEFFERSON - STATE OF NEW YORK



BID SET
05/06/2022



Bernier, Carr & Associates,
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SHEET NO.
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PROJECT NO.
2020-027

GENERAL NOTES

- OWNERS NOTED ARE REPUTED OWNERS TAKEN FROM AVAILABLE TAX RECORDS.
- PROPERTY LINES ARE LOCATED FROM AVAILABLE TAX MAPS ON FILE IN THE JEFFERSON COUNTY CLERKS OFFICE AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
- ALL ELEVATIONS REFER TO NEW YORK STATE PLANE COORDINATE SYSTEM NAD83 83.
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE LOCATION OF WHICH IS PRESENTLY NOT KNOWN.
- THE CONTRACTOR IS TO TAKE PARTICULAR CARE WHEN WORKING IN YARD AREAS OF HOMES, EXISTING GARDENS, SHRUBS, BUSHES, TREES, LEACH FIELDS, DRAINAGE PIPES, ETC., ARE TO BE PROTECTED, PRESERVED AND RESTORED WHERE DAMAGED AND/OR REMOVED AS PART OF THE WORK. CONTRACTOR SHALL CONFIRM LOCATION OF SEPTIC TANK, DRY WELLS AND LEACH FIELDS PRIOR TO CONSTRUCTION. TREES REMOVED WITHIN PERMANENT EASEMENT AREAS SHALL NOT BE REPLACED, UNLESS SO DIRECTED.
- TREES SHALL BE REMOVED ONLY AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING TREES WHERE UNAUTHORIZED TREE REMOVAL OCCURS.
- ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS WILL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT PRIOR TO CONSTRUCTION. OUTSIDE OF DESIGNATED CONTRACT WORK LIMIT AREAS THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFYING HIMSELF AS TO THE CHARACTERISTICS AND EXTENT OF SUBSURFACE SOILS, ROCK, WATER TABLE LEVELS, ETC., PRIOR TO BIDDING.
- VALVE BOX AND MANHOLE FRAMES ARE TO BE INSTALLED 1/4" BELOW AND MATCH SLOPE OF STREET GRADIENTS AND/OR CROWN OF PAVEMENT, WALKS, DRIVEWAYS, AND PARKING AREAS. VALVE BOXES OUTSIDE OF PAVEMENT AREAS SHALL BE MARKED WITH MARKER POSTS.
- TRENCH BACKFILL MATERIAL OUTSIDE PAVEMENT AREAS SHALL BE SUITABLE ON-SITE MATERIAL AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS AND BONDS NECESSARY TO OBTAIN SAID PERMITS NECESSARY TO EXECUTE HIS CONTRACT WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE MEANS AND EQUIPMENT NECESSARY TO MAINTAIN THE MINIMUM TRENCH WIDTHS ESTABLISHED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL EMPLOY ROCK EXCAVATION MEANS AND PRACTICES WHICH PROTECT THE INTEGRITY OF EXISTING PUBLIC AND INDIVIDUAL WATER SUPPLY WELLS/FACILITIES/STRUCTURES.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OF DIMENSIONS, ELEVATIONS AND LOCATIONS DURING PRE-CONSTRUCTION FIELD VERIFICATION BEFORE CONSTRUCTION BEGINS.
- EXCAVATION SPOILS SHALL BE SUITABLY DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL ABIDE BY ALL NYSDEC AND NYSDOH REGULATIONS AND STANDARDS ASSOCIATED WITH THE PROJECT.
- THE CONTRACTOR SHALL PROVIDE REQUIRED EROSION CONTROL MEASURES FOR THE DURATION OF THE PROJECT.
- ANY EXISTING FENCES, RETAINING WALLS, OUT-BUILDINGS, MAILBOXES, FLAG POLES, LAWN ORNAMENTS, ETC., REMOVED DURING CONSTRUCTION SHALL BE REPLACED AND/OR REPAIRED.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE HIGH VOLTAGE PROXIMITY ACT.
- ALL SALVAGE ITEMS SHALL REMAIN THE PROPERTY OF THE MUNICIPALITY AND ARE TO BE STORED AT A LOCATION DESIGNATED BY SAME.
- PROPOSED LOCATION OF NEW SEWER & WATER LINES ARE SUBJECT TO CHANGE (AS ORDERED BY THE ENGINEER) PENDING ENCOUNTERS WITH THE VARIOUS FIELD CONDITIONS OR OTHER UNFORESEEN CIRCUMSTANCES.
- THE CONTRACTOR (EACH CONTRACTOR OF HIS RESPECTIVE WORK LIMITS) IS RESPONSIBLE FOR THE VERIFICATION OF LOCATION AND STAKEOUT OF EXISTING UNDERGROUND UTILITIES (i.e., ELECTRICAL SERVICES, CELLAR DRAINS, WATER SERVICES, STORM SEWERS, UNDERGROUND ELECTRICAL AND SUBSURFACE SEWAGE DISPOSAL FACILITIES (SUCH AS SEPTIC TANKS, LEACH FIELDS, DRY WELLS AND DRAIN LINES), THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH DIG SAFELY NEW YORK, THE VILLAGE OF SACKETS HARBOR, JEFFERSON COUNTY HIGHWAY DEPT., NYSDOT, AND ANY OTHER AGENCY OR INDIVIDUALS TO SATISFACTORILY STAKEOUT THE EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TAKE CARE IN THE PROTECTION OF EXISTING UNDERGROUND WATER SYSTEM MAINS & SERVICE LATERALS (IN ALL NEW CONSTRUCTION AREAS) & CONDUCT WORK IN ACCORDANCE WITH NYSDOH REQUIREMENTS.
- ANY MANHOLE FRAMES LOCATED IN ROADSIDE DITCHES OR OTHER LOW LYING AREAS SHALL BE SLIGHTLY ELEVATED (AS ORDERED BY ENGINEER) TO PREVENT ENTRY OF STORMWATER RUNOFF.
- NEW DESIGN INVERT ELEVATIONS SHOWN AT MANHOLES ARE OF PIPE INVERTS EXTENDED TO CENTERLINE OF MANHOLES AND WERE COMPUTED USING DISTANCES BETWEEN CENTERLINE OF MANHOLES AND GRADES. DISTANCES ON PROFILES ARE AS MEASURED HORIZONTALLY.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION WORK IN ROADWAYS IN ACCORDANCE WITH THE VILLAGE OF SACKETS HARBOR DEPARTMENT OF PUBLIC WORKS, JEFFERSON COUNTY HIGHWAY DEPARTMENT AND NYSDOT REQUIREMENTS AND PERMIT CONDITIONS, RESPECTIVELY.
- ALL CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL MUNICIPALITY, OSHA, JEFFERSON COUNTY HIGHWAY DEPARTMENT, AND NYSDOT CONSTRUCTION REQUIREMENTS INCLUDING USE OF HARD HATS, BARRICADES, TRENCHING SHIELDS, TRENCH SHORING, TRAFFIC CONTROL, BLASTING SAFETY, SIGNS, LIGHTS, ETC.
- CONTRACTOR SHALL ATTEND PRE-BLAST CONFERENCE PRIOR TO BLASTING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING DAMAGE OUTSIDE THE CONTRACT PAYMENT LIMITS AT NO ADDITIONAL COST AS A RESULT OF BLASTING, ROCK REMOVAL BY NON-BLASTING METHODS OR GENERAL EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING DAMAGE OUTSIDE THE CONTRACT PAYMENT LIMITS AT NO ADDITIONAL COST AS A RESULT OF ROCK REMOVAL BY NON-BLASTING METHODS OR GENERAL EXCAVATION.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT RESPECTIVE PROPERTY OWNERS TO FIELD STAKEOUT LOCATIONS OF EXISTING BURIED UTILITIES, DRAIN LINES, ELECTRICAL SERVICES, ETC.; AND STAKEOUT FOR UTILITIES.
- EACH CONTRACTOR SHALL PROVIDE RECORD DRAWINGS (WITHIN WORK LIMIT AREAS PER RESPECTIVE CONTRACT) INCLUDING AS A MINIMUM THE FOLLOWING INFORMATION AS WELL AS ALL REQUIREMENTS OF THE SPECIFICATIONS:
 - THE CONTRACTOR SHALL DAILY LOCATE AND RECORD (BY MEASURED STATIONING) ALL LATERAL CONNECTIONS TO MAIN LINE;
 - ALL MAIN LINE, ALL UTILITY CROSSINGS AND REPAIRS (i.e. DRAIN LINES, WATER, STORM, CABLE, ETC.) AND VALVES.
 - STATIONING OF ALL UTILITIES ENCOUNTERED IN TRENCH EXCAVATION WITH RESPECTIVE STATIONING PER EACH NEW WATER SECTION CONSTRUCTION, NOTING DIAMETER AND DEPTH OF UTILITY.
 - WATER, SEWER, DRAIN LINES, ETC. THIS INFORMATION "SHALL BE KEPT ON A WEEKLY BASIS" ON A CLEAN SET OF SITE CONTRACT DRAWINGS MARKED "FIELD RECORD DRAWINGS".
 - CONCRETE VAULTS, ACCESS ROAD ELEVATIONS, WATER STORAGE TANK ELEVATIONS, ALL DIMENSIONS AND UTILITY LOCATIONS, ETC. WITHIN CONTRACT WORK LIMITS.
 - DENOTE BENCHMARK REFERENCE POINTS USED.
 - DENOTE ON THE ORIGINAL CONTRACT DRAWINGS, ANY FIELD CHANGES OF DIMENSIONS AND DETAILS, AND ALL CHANGES MADE BY CHANGE ORDER OR FIELD ORDER.
 - LOCATE ANY UTILITY RELOCATIONS.
 - PROVIDE TWO (2) SETS OF FINAL COMPLETE RECORD DRAWINGS AND BINDER (8-1/2"x11") OF LATERAL INFORMATION WITH LOCATION MEASUREMENTS FOR EACH PROPERTY.
 - NO FINAL PAYMENT NOR CERTIFICATE OF SUBSTANTIAL COMPLETION SHALL BE ISSUED UNTIL RECORD DRAWINGS ARE SUBMITTED AND ACCEPTABLE TO ENGINEER.

NYSDEC SPECIAL CONDITIONS










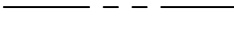

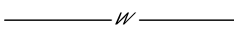

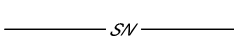

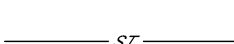





- DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATER OF NEW YORK STATE, NOR SHALL WASHINGS FROM REDI-MIX TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS.
- USE OF TIMBERS (WOOD) TREATED WITH PENTACHLOROPHENEL OR WITH CREOSOTE (AND RELATED OIL BASE TRANSPORT PRESERVATIVES) IS STRICTLY PROHIBITED.
- ANY DEBRIS OR EXCESS MATERIAL FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL STREAM AREAS TO AN UPLAND DISPOSAL AREA.
- ALL DREDGED AND EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AN UPLAND SITE AND BE SUITABLY STABILIZED SO THAT IT CANNOT REENTER ANY WATER BODY OR WETLAND AREA.
- SILT FENCE OR OTHER EQUIVALENT PRACTICES FROM THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, MOST RECENT EDITION, SHALL BE USED ON THE DOWN SLOPE EDGE OF ANY ADJACENT TO WATER COURSE. THIS BARRIER TO SEDIMENTS IS TO BE PUT IN PLACE BEFORE ANY DISTURBANCE OF THE GROUND OCCURS AND IS TO BE MAINTAINED IN GOOD CONDITION UNTIL ALL DISTURBED LAND IS HEAVILY VEGETATED.
- EXCAVATED TOPSOIL MAY BE SEPARATED FROM SUBSOIL AND STOCKPILED. THE TOPSOIL, IF APPROVED BY ENGINEER, IS TO BE USED AS FINAL SOIL COVER DURING SITE GRADING OPERATIONS.
- THE WORK SHALL BE GRADED TO MATCH AS UNIFORMLY AS POSSIBLE THE ELEVATION AND CONTOURS AT THE UNDISTURBED LAND IMMEDIATELY ADJACENT TO THE WORK AREA.
- ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE PROTECTED FROM EROSION FROM THE TIME OF INITIAL DISTURBANCE. DISTURBED AREAS SHALL BE SEEDED WITH AN APPROVED GRASS SEED AND MULCHED WITH STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER HAS BEEN ESTABLISHED.
- IF SEEDING IS IMPRACTICAL DUE TO THE TIME OF YEAR, A TEMPORARY MULCH SHALL BE APPLIED AND MAINTAINED AND FINAL SEEDING SHALL BE PERFORMED DURING THE FIRST PERIOD AFTER PROJECT COMPLETION WHEN WEATHER CONDITIONS FAVOR GERMINATION AND GROWTH.
- IMMEDIATELY FOLLOWING PROJECT COMPLETION, ANY AREAS OF EXCAVATION AT ENTRY AND EXIT POINTS TO A STREAM SHALL BE RESTORED TO THEIR NATURAL CONDITION AND STABILIZED BY SEEDING AND MULCHING OR BY PLACEMENT OF NATURAL STONE RIPRAP.
- THE STREAM OR RIVER PIPELINE CROSSING TRENCH SHALL BE OPENED, INSTALLATION ACCOMPLISHED AND BACKFILLED IN ONE CONTINUOUS OPERATION. CONTRACTOR SHALL SUBMIT COFFERDAM DETAILS FOR APPROVAL AND COMPLY WITH ALL NYSDEC AND U.S. ARMY CORP OF ENGINEER PERMIT CONDITIONS.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PRECLUDE THE CONTAMINATION OF ANY WETLAND OR WATERWAY BY SUSPENDED SOLIDS, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, PAINTS, CONCRETE, LEACHATE OR ANY OTHER ENVIRONMENTALLY DELETERIOUS SUBSTANCE ASSOCIATED WITH THE PROJECT. CONTRACTOR SHALL SUBMIT EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL AND COMPLY WITH ALL NYSDEC AND U.S. ARMY CORP. OF ENGINEERS PERMIT CONDITIONS.
- NO GARBAGE, LOOSE PAPERS OR TOXIC OR HAZARDOUS MATERIALS SHALL BE USED AS FILL.
- CONTRACTORS SHALL COMPLY WITH NYSDEC STORMWATER GENERAL PERMIT, ARTICLE 15 PROTECTION OF WATERS, AND ARTICLE 24 FRESHWATER WETLANDS REQUIREMENTS. THESE REQUIREMENTS SHALL HAVE PRIORITY, IF IN CONFLICT WITH ABOVE NOTES 1-15. CONTRACTOR SHALL BE PROVIDED NYSDEC ISSUED PERMITS IN ORDER TO ENSURE PERMIT COMPLIANCE!

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	SEWER MANHOLE		ROADWAY MARGIN
	CATCH BASIN		PROPERTY LINE
	FIRE HYDRANT		WATER LINE
	WATER VALVE		SANITARY SEWER LINE
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	MAIL BOX		GAS LINE
	UTILITY POLE		

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VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
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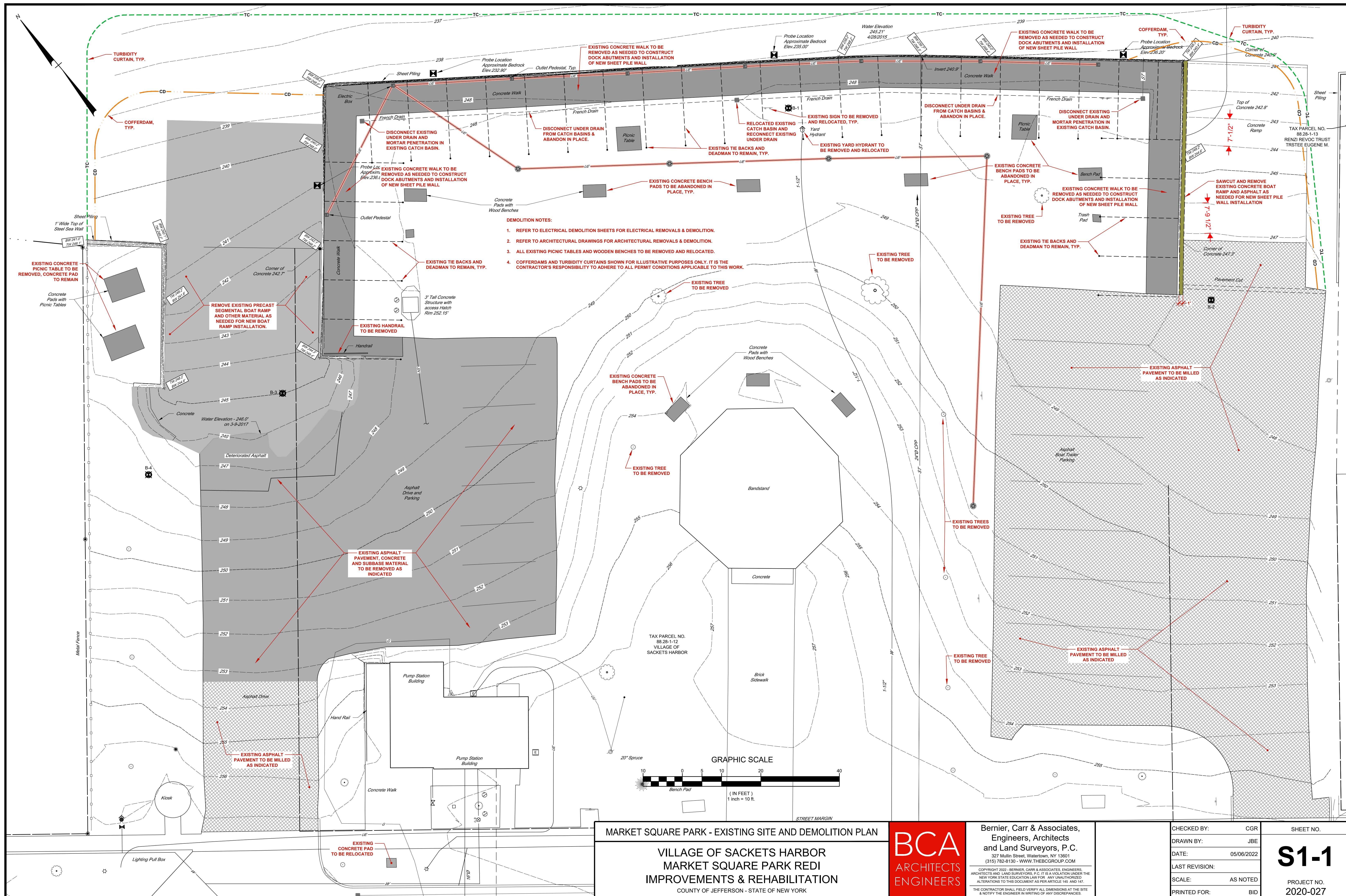
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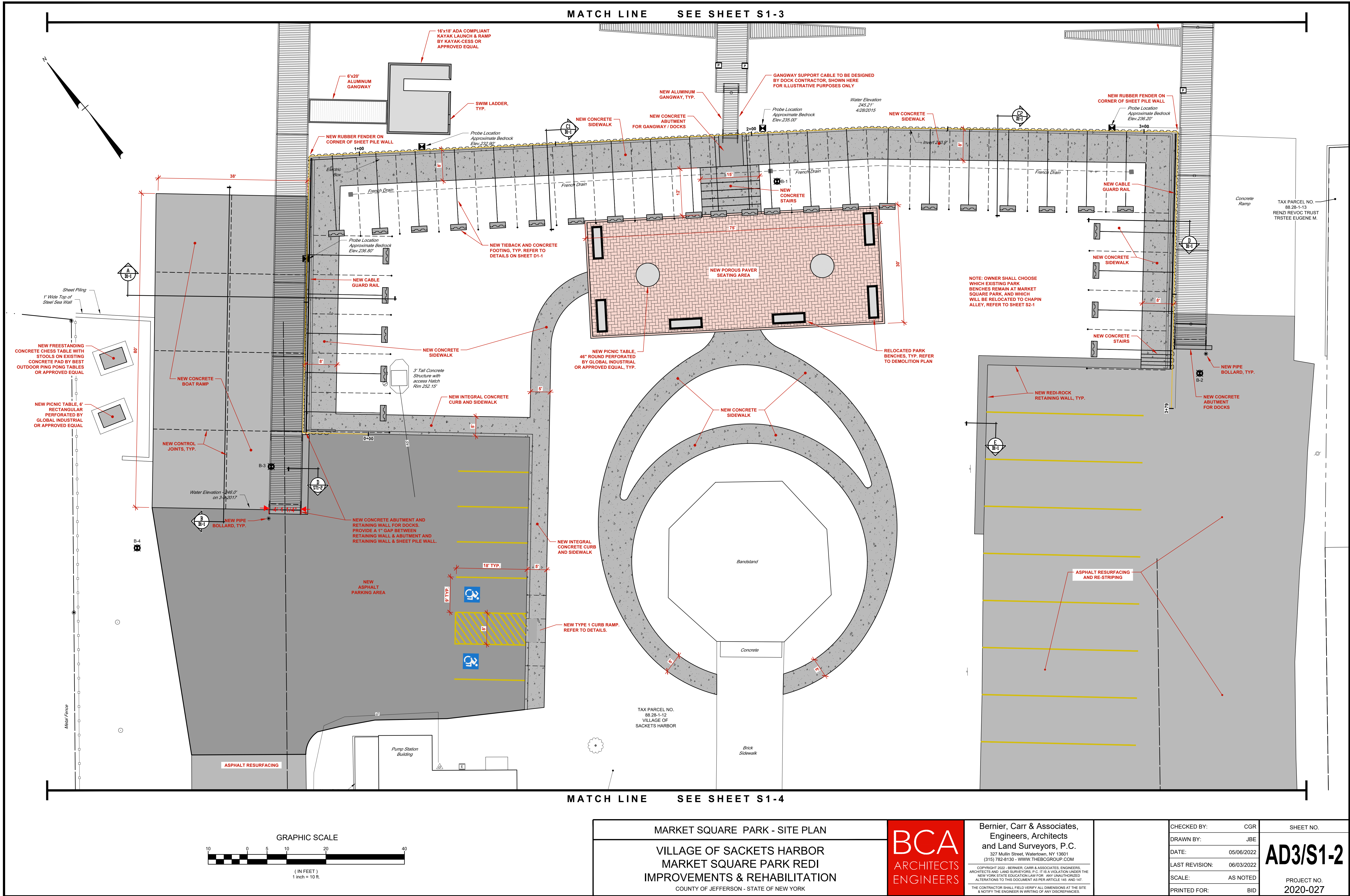
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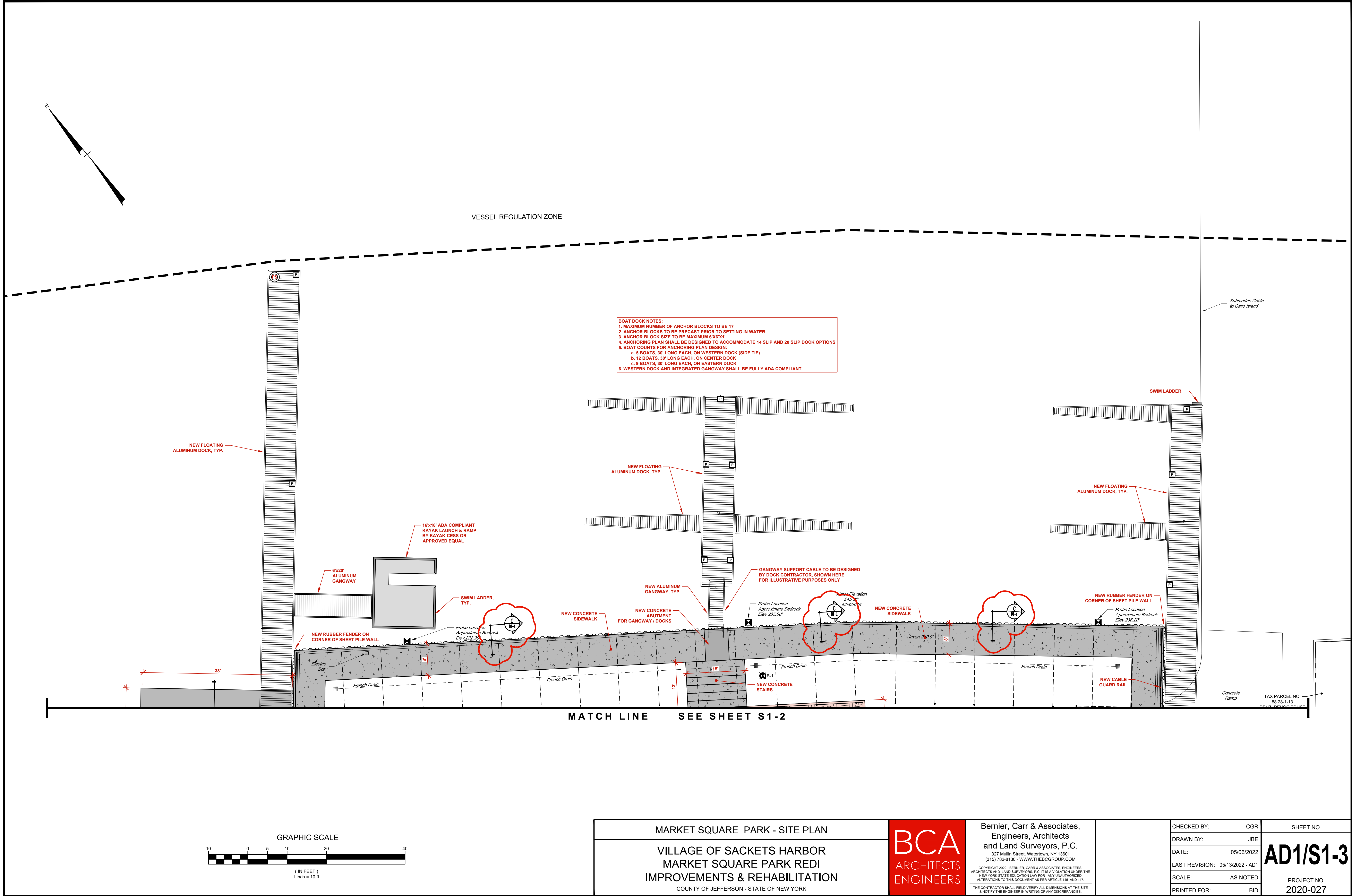
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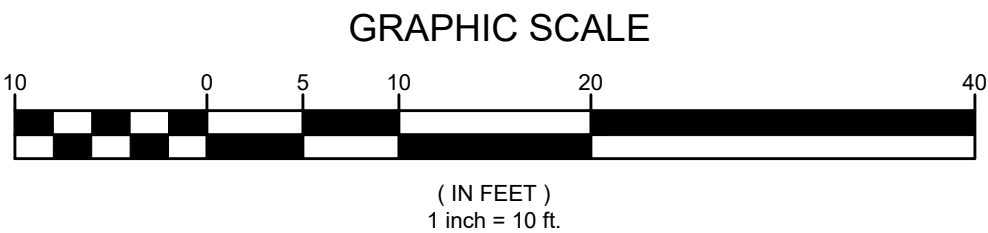
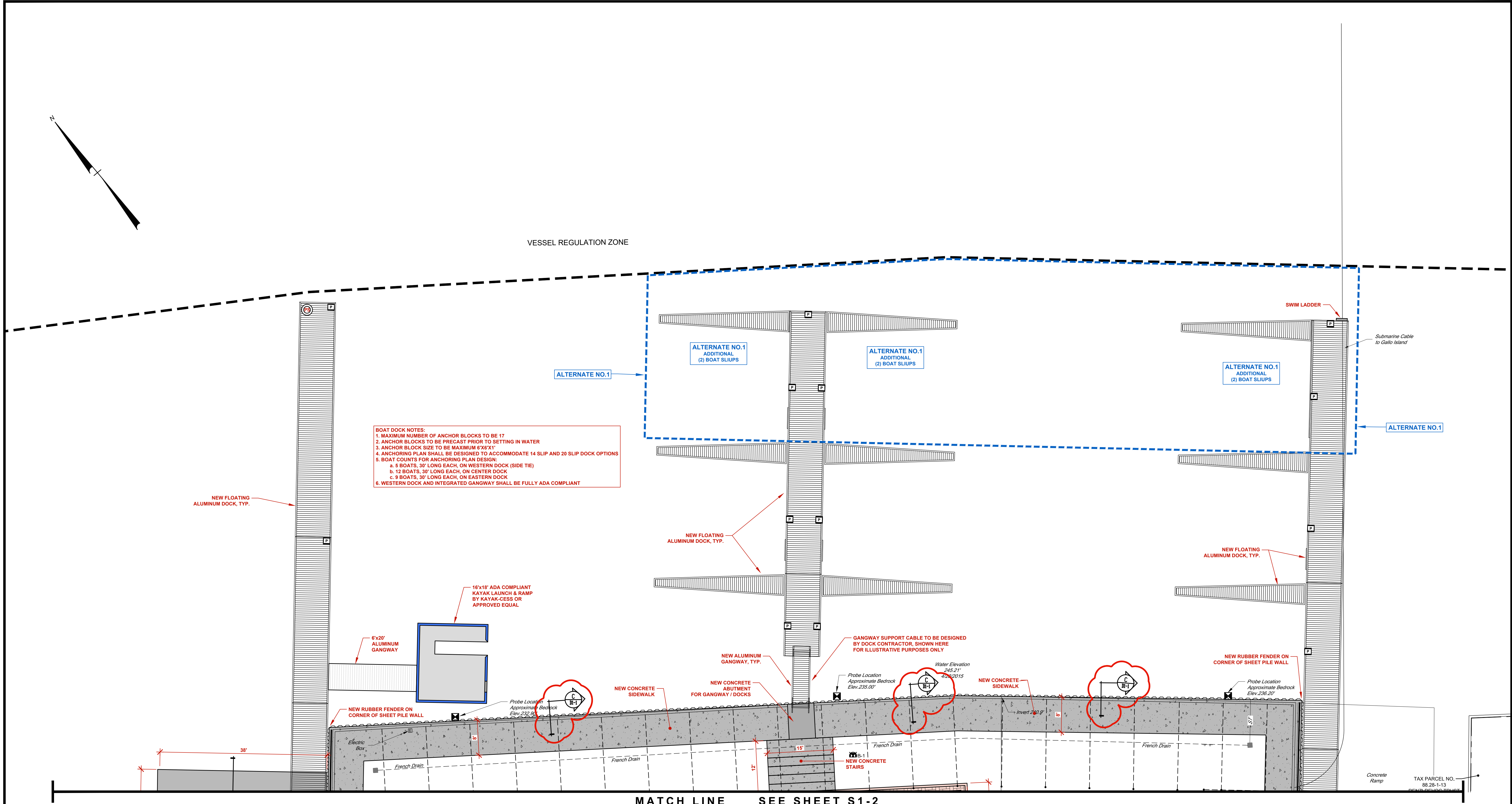
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MARKET SQUARE PARK - SITE PLAN ALTERNATE

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION

COUNTY OF JEFFERSON - STATE OF NEW YORK



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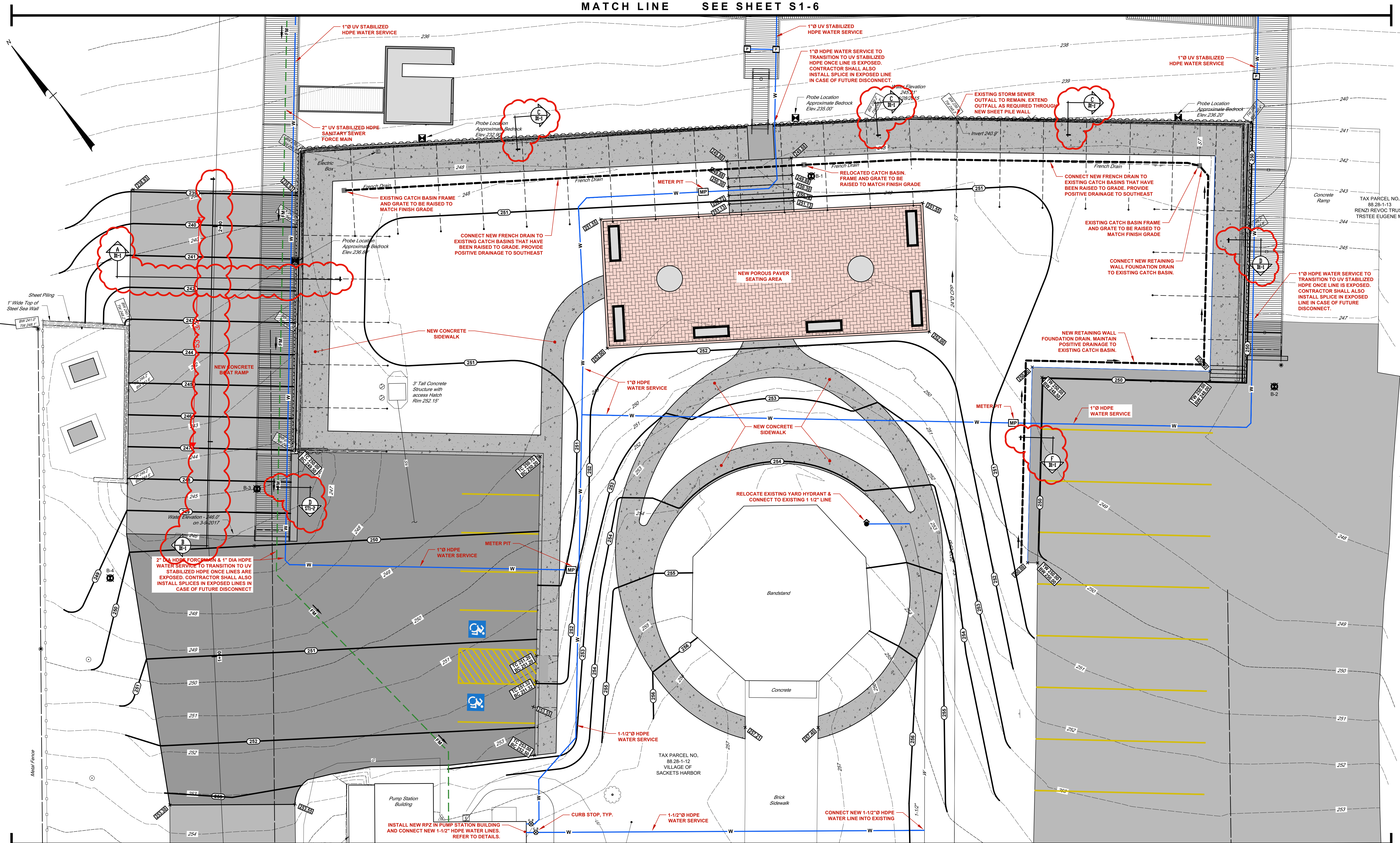
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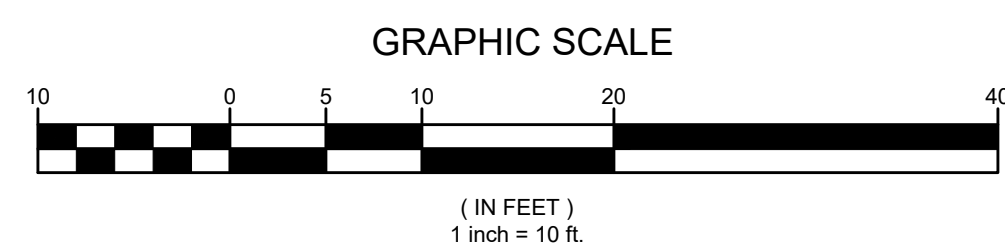
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MARKET SQUARE PARK - GRADING AND UTILITY PLAN

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
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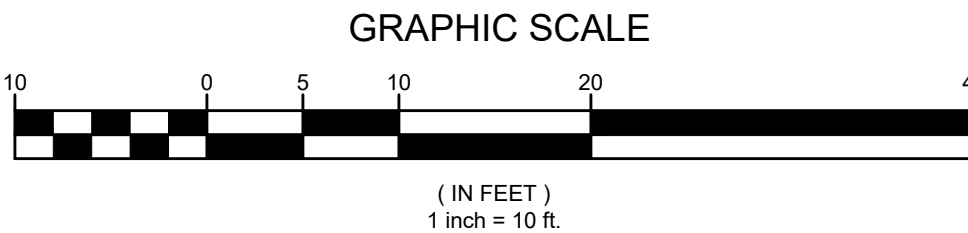
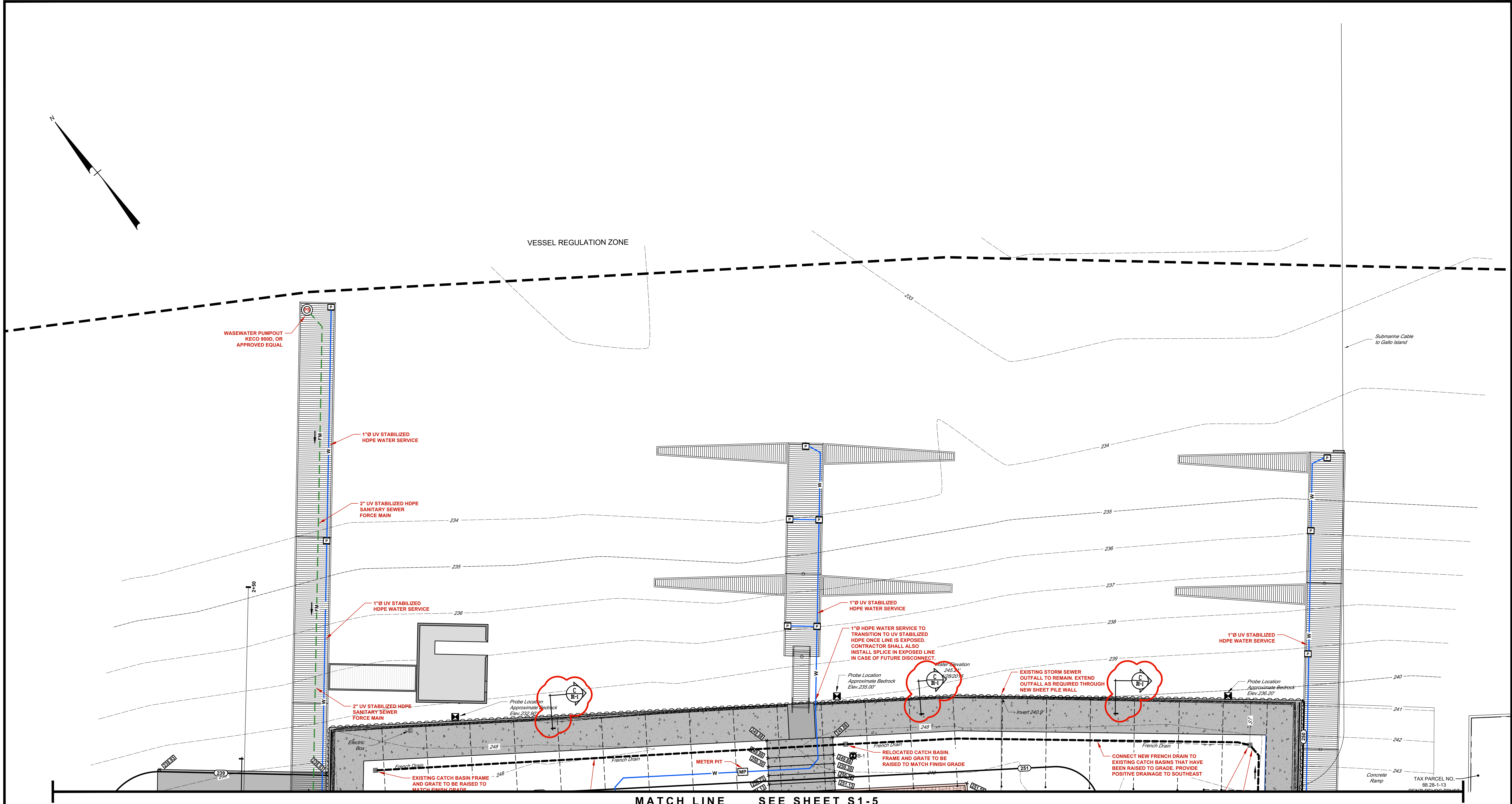
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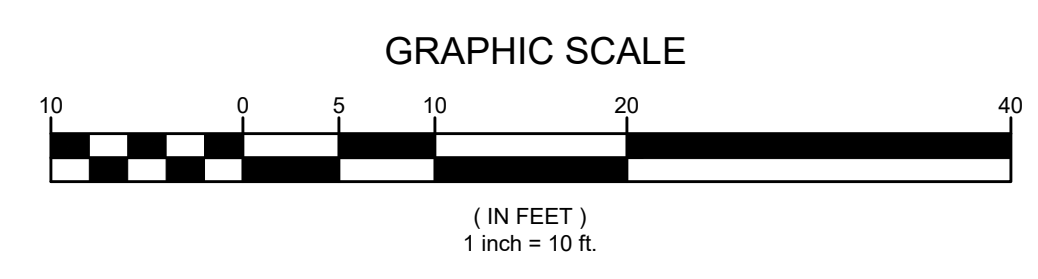
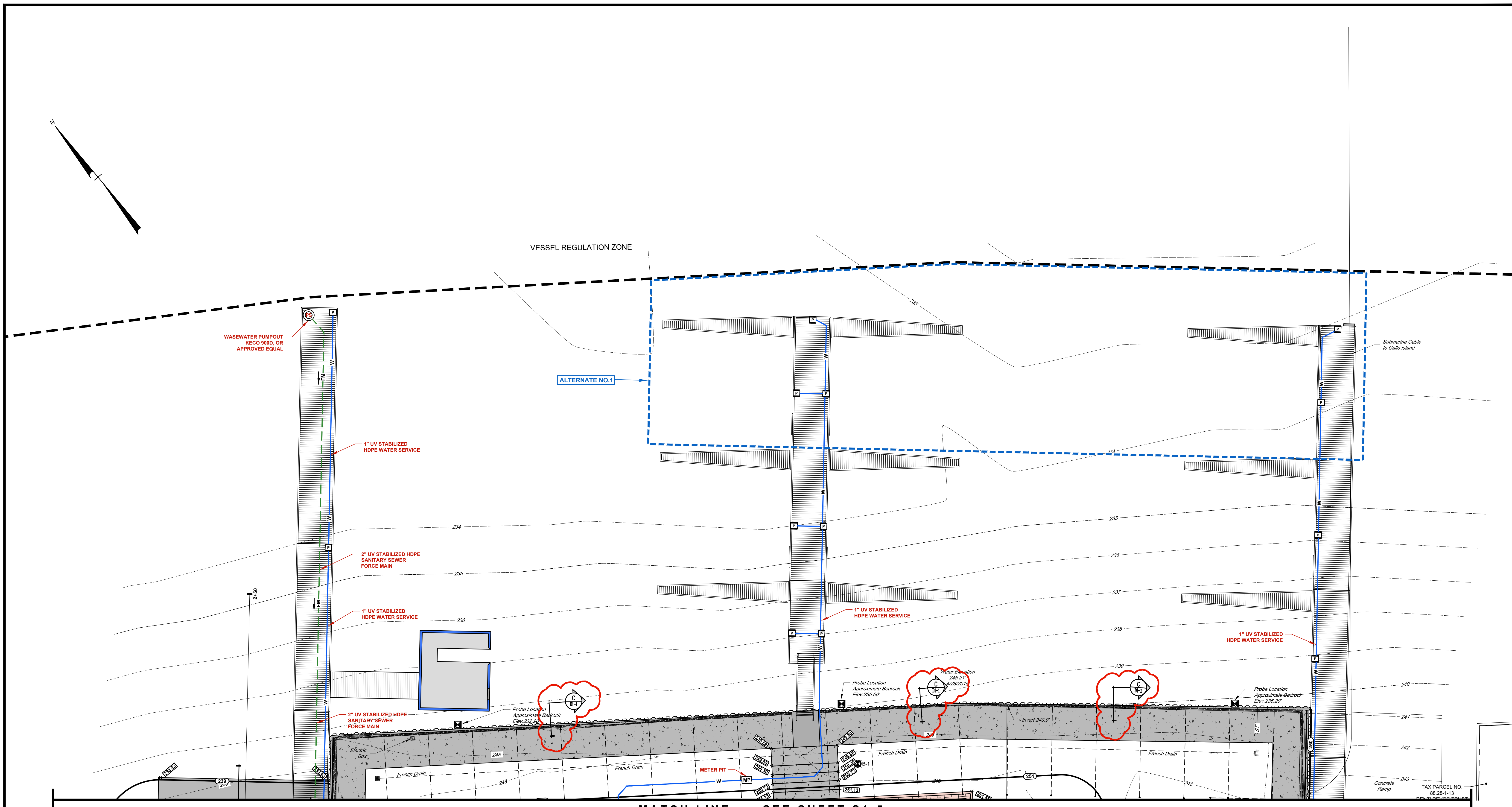
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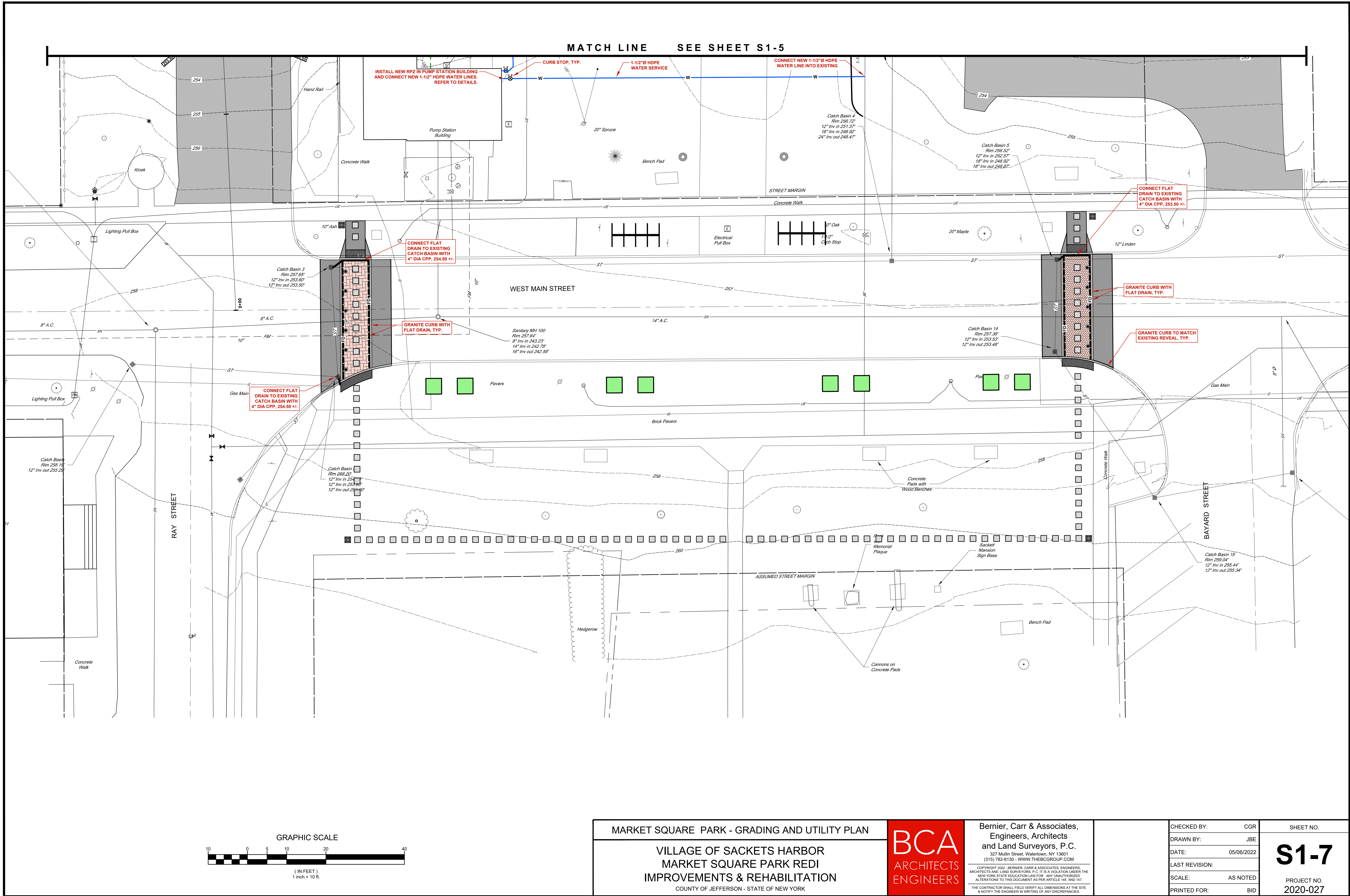
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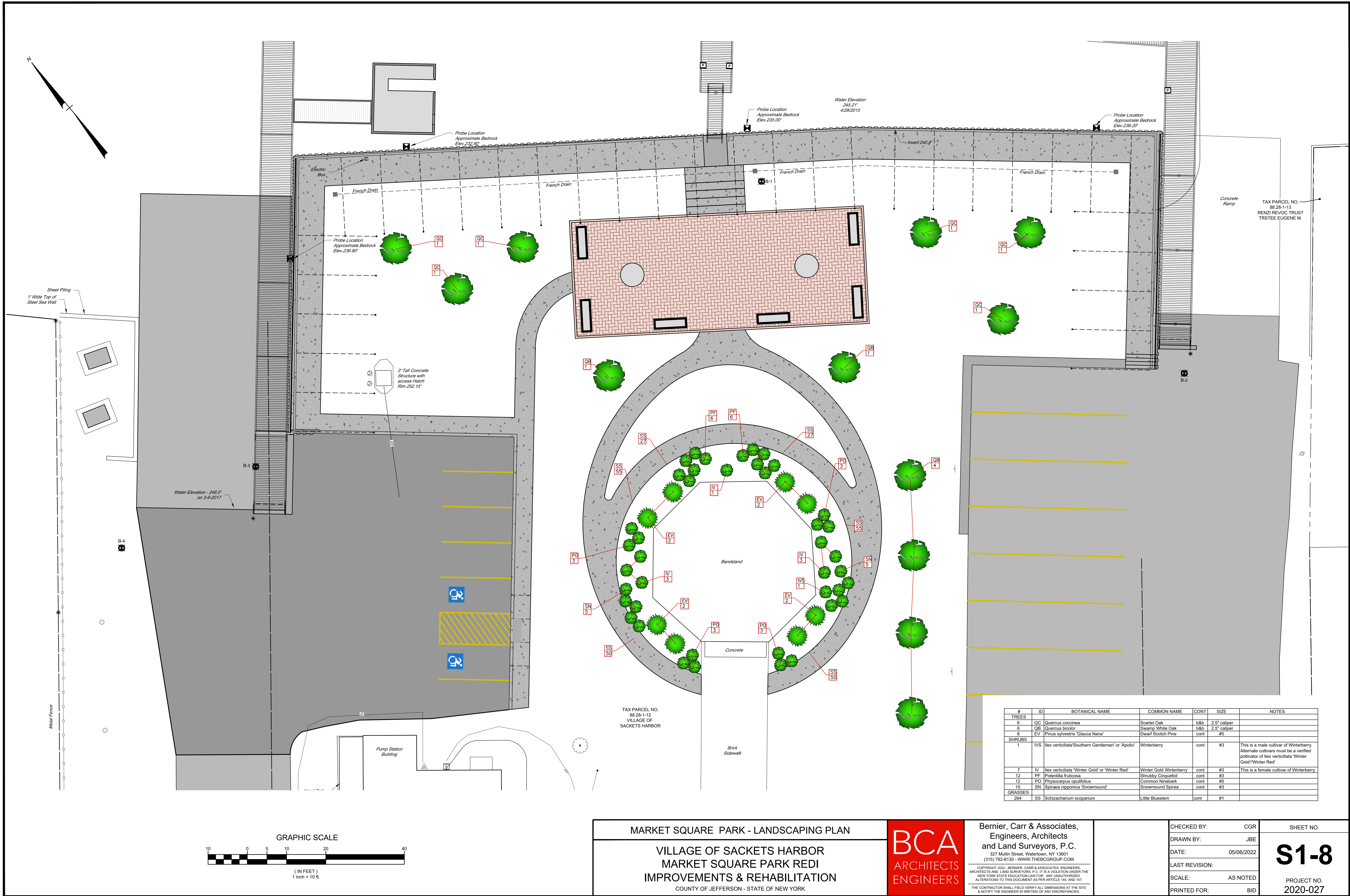


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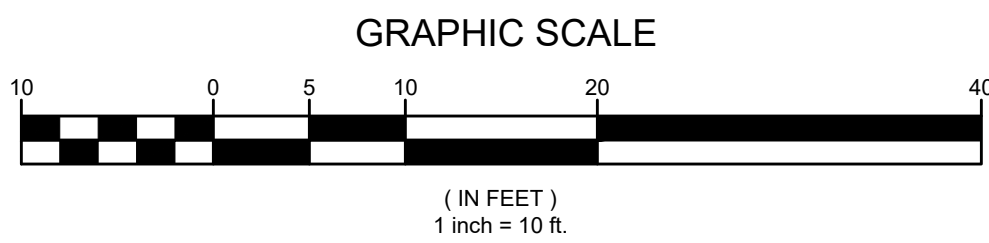


MARKET SQUARE PARK - GRADING AND UTILITY PLAN ALTERNATE		<div>BCA</div> <div>ARCHITECTS ENGINEERS</div>	Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 327 Mullin Street, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM		CHECKED BY: CGR	SHEET NO.
VILLAGE OF SACKETS HARBOR MARKET SQUARE PARK REDI IMPROVEMENTS & REHABILITATION			COPYRIGHT 2022 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT IS A VIOLATION UNDER THE NEW YORK STATE EDUCATION LAW FOR ANY UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT AS PER ARTICLE 145 AND 147.		DRAWN BY: JBE	AD1/S1-6A
COUNTY OF JEFFERSON - STATE OF NEW YORK			THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE & NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.		DATE: 05/06/2022	
					LAST REVISION: 05/13/2022 - AD1	
					SCALE: AS NOTED	PROJECT NO. 2020-027
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#	ID	BOTANICAL NAME	COMMON NAME	CONT	SIZE	NOTES
TREES						
6	QC	Quercus coccinea	Scarlet Oak	b&b	2.5" caliper	
6	QB	Quercus bicolor	Swamp White Oak	b&b	2.5" caliper	
8	EV	Pinus sylvestris 'Glaucia Nana'	Dwarf Scotch Pine	cont	#5	
SHRUBS						
1	IVS	Ilex verticillata 'Southern Gentleman' or 'Apollo'	Winterberry	cont	#3	This is a male cultivar of Winterberry. Alternate cultivars must be a verified pollinator of Ilex verticillata 'Winter Gold'/'Winter Red'
7	IV	Ilex verticillata 'Winter Gold' or 'Winter Red'	Winter Gold Winterberry	cont	#3	This is a female cultivar of Winterberry.
12	PF	Potentilla fruticosa	Shrubby Cinquefoil	cont	#3	
12	PO	Physocarpus opulifolius	Common Ninebark	cont	#5	
10	SN	Spiraea nipponica 'Snowmound'	Snowmound Spiraea	cont	#3	
GRASSES						
264	SS	Schizachyrium scoparium	Little Bluestem	cont	#1	



MARKET SQUARE PARK - LANDSCAPING PLAN

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION

COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA

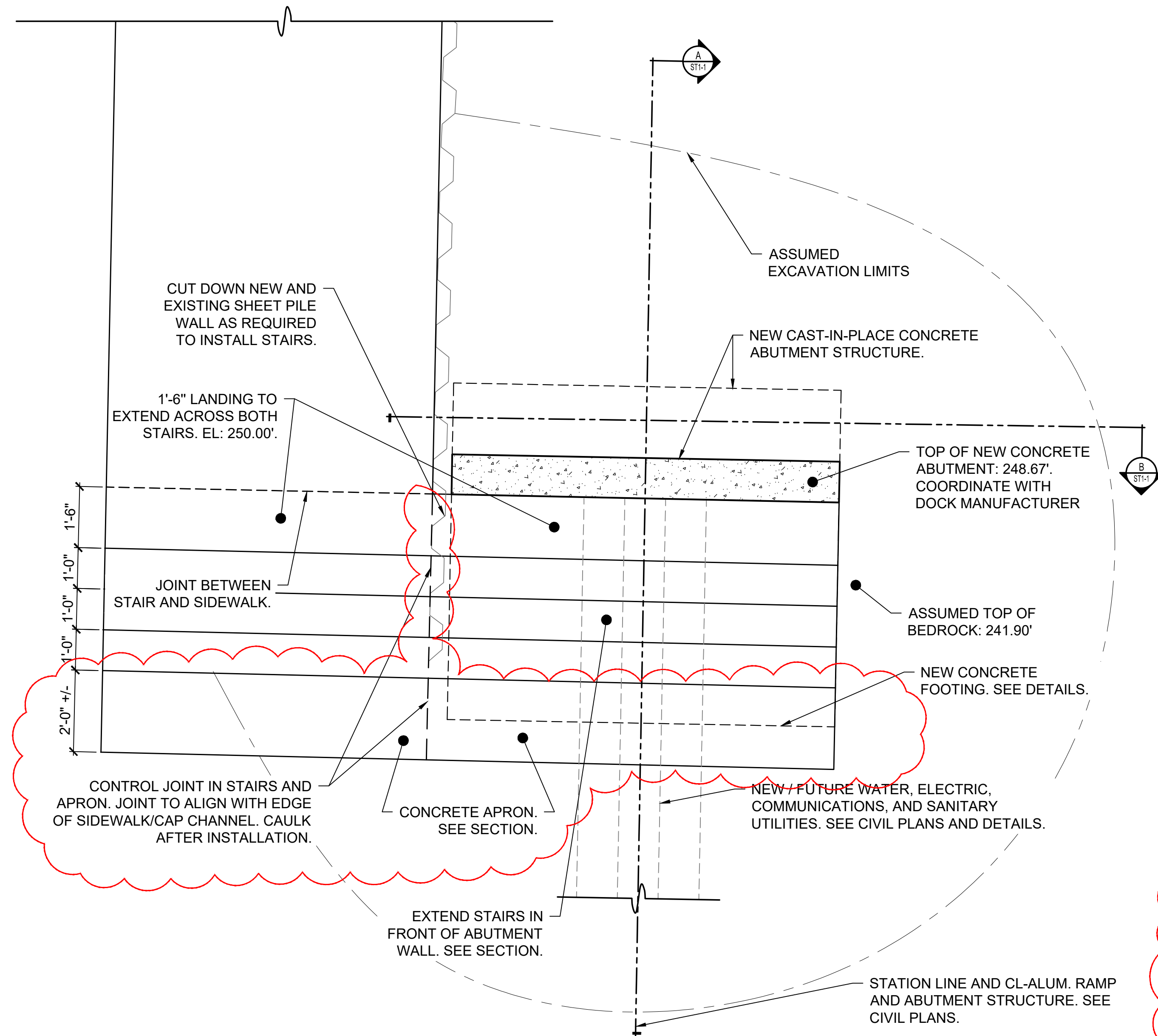
ARCHITECTS
ENGINEERS

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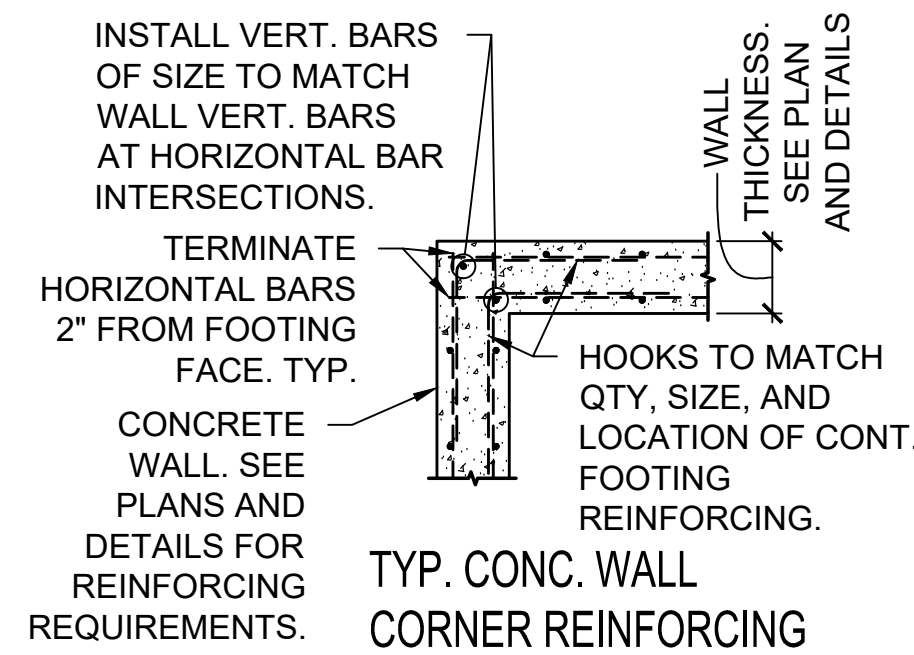
EAST ABUTMENT STRUCTURAL PLAN
SCALE: 1/2" = 1'-0"

GENERAL FOUNDATION NOTES:

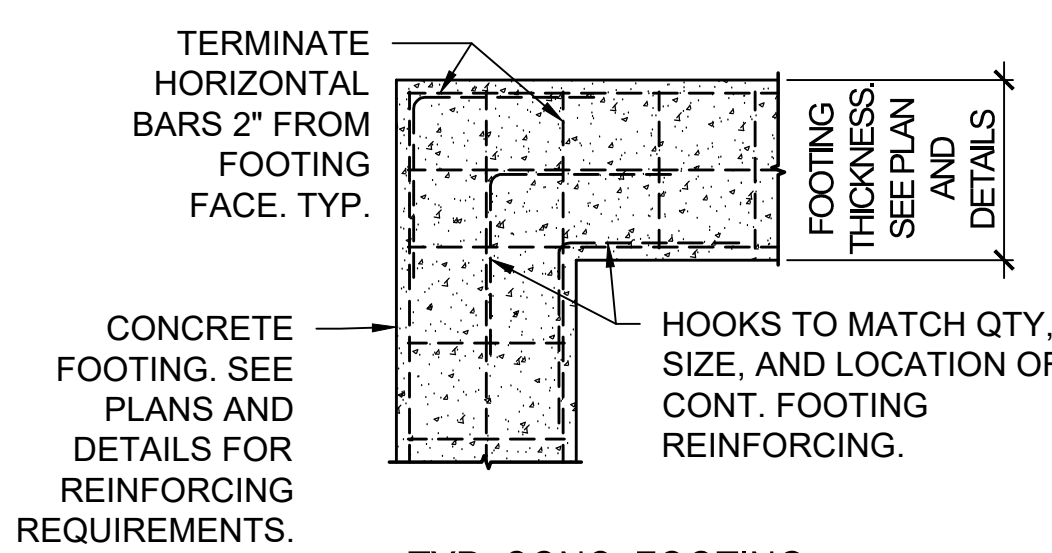
- ALL BAR REINFORCEMENT LAP SPLICES SHALL BE 40 x BAR DIA. OR 2'-0" MINIMUM UNLESS NOTED OTHERWISE. ALL WIRE MESH SHALL HAVE LAP SPLICES OF 8" MIN.
- MATERIAL REQUIREMENTS FOR REINFORCEMENT & CONCRETE - SEE SPECIFICATIONS.
- BEARING CAPACITY FOR FOOTINGS BEARING ON COMPETENT BEDROCK: 20,000 PSF.
- FROST DEPTH = 5'-0".
- FOUNDATIONS SHALL BEAR ON A 2" THICK (MIN.) FLOWABLE FILL LEVELING PAD PLACED OVER COMPETENT BEDROCK. THE PROFESSIONAL GEOTECHNICAL ENGINEER SHALL CONFIRM THAT CLEAN COMPETENT BEDROCK IS PRESENT WITHIN THE FOOTING FOOTPRINT PRIOR TO FOOTING CONSTRUCTION.
- THE DETAILS PROVIDED HEREIN MAKE ASSUMPTIONS THAT COMPETENT BEDROCK WILL BE ACHIEVED AT OR ABOVE THE PROPOSED FOOTING ELEVATIONS.
- IF ADDITIONAL ROCK EXCAVATION IS NECESSARY TO ACHIEVE COMPETENT BEDROCK, THE OVER-EXCAVATED AREAS SHALL BE FILLED TO THE BEARING ELEVATIONS WITH FLOWABLE FILL.

RAMP ANCHORAGE NOTES:

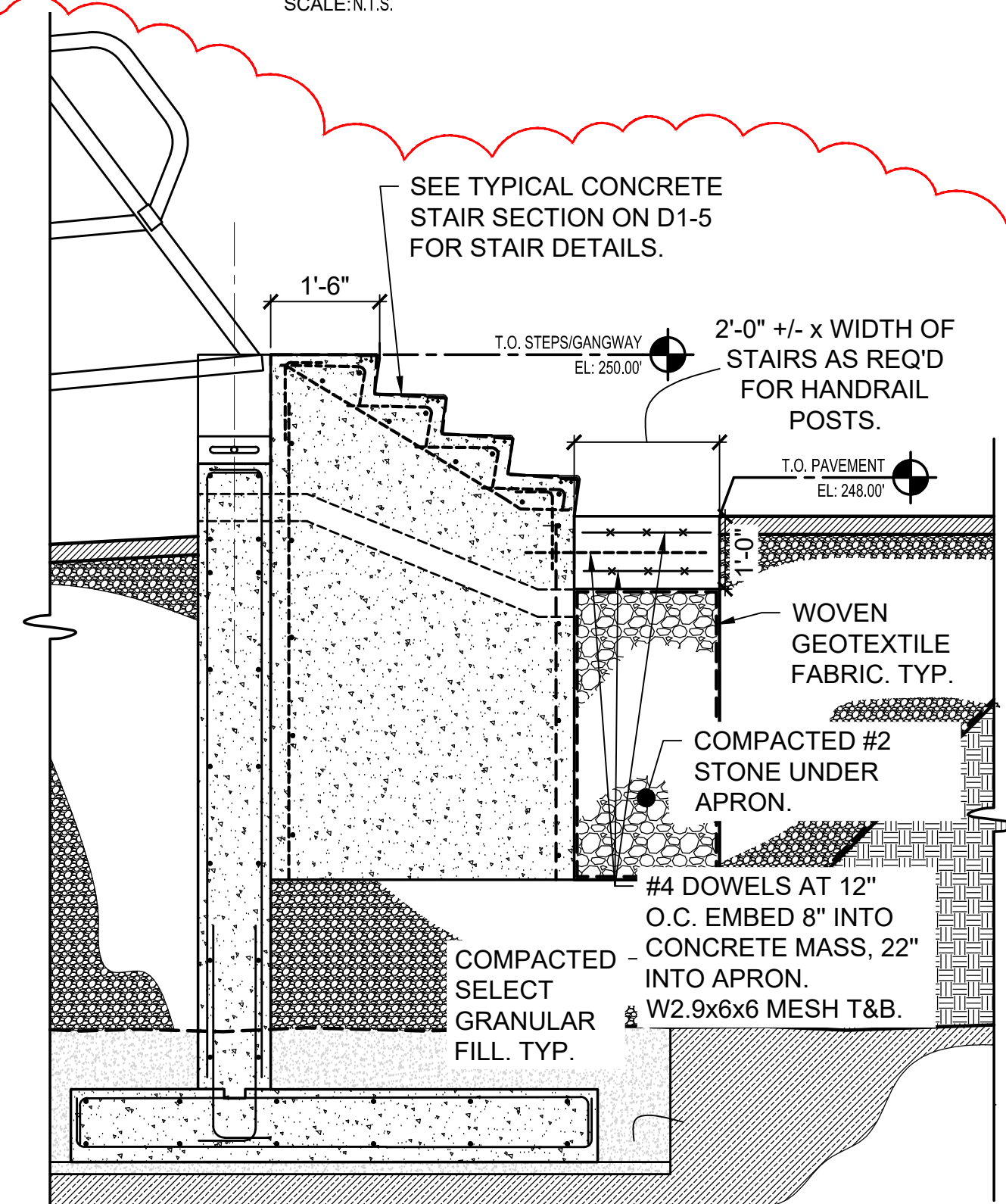
- $R_{VERT.}$ = THE MAXIMUM ALLOWABLE FACTORED VERTICAL REACTION IMPOSED BY THE ENTIRE RAMP STRUCTURE ONTO THE BEARING SEAT OF THE ABUTMENT STRUCTURE.
- $R_{LAT.}$ = THE MAXIMUM ALLOWABLE FACTORED LATERAL REACTION IMPOSED BY THE ENTIRE RAMP STRUCTURE ONTO THE BEARING SEAT OF THE ABUTMENT STRUCTURE.
- e = THE MAXIMUM ALLOWABLE ECCENTRICITY OF $R_{VERT.}$ MEASURED OFF THE CL-ABUTMENT STRUCTURE.
- SEE DETAILS FOR MAXIMUM ALLOWABLE FACTORED REACTIONS USING LOAD AND RESISTANCE FACTOR DESIGN (LRFD) LOAD FACTORS AND LOAD COMBINATIONS.
- DESIGN AND DETAILING OF THE RAMP-TO-ABUTMENT ANCHORAGE SYSTEM HAS BEEN DELEGATED TO THE CONTRACTOR AND HIS/HER NYS LICENSED PROFESSIONAL ENGINEER (NYS PE).
- THE CONTRACTOR SHALL SUBMIT NYS PE STAMPED CALCULATIONS WHICH DERIVE THE MAXIMUM FACTORED REACTIONS IMPOSED BY THE RAMP ONTO THE ABUTMENT STRUCTURE, AND SHOW THAT THEY DO NOT EXCEED THE ALLOWABLE REACTIONS INDICATED IN ITEM 4 ABOVE.
- THE CONTRACTOR SHALL ALSO SUBMIT NYS PE STAMPED DESIGN CALCULATIONS WHICH PROVE THE ADEQUACY OF THE PROPOSED ANCHORAGE DETAILS. THESE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318-14, CHAPTER 17.
- NYS PE STAMPED SHOP DRAWINGS OF THE ANCHORAGE DETAILS SHALL BE SUBMITTED AS WELL AND SHALL SHOW THAT THE PROPOSED CONNECTION LIMITS THE $R_{VERT.}$ 'S ECCENTRICITY TO THE MAXIMUM INDICATED HEREIN.



TYP. CONC. WALL CORNER REINFORCING
SCALE: N.T.S.

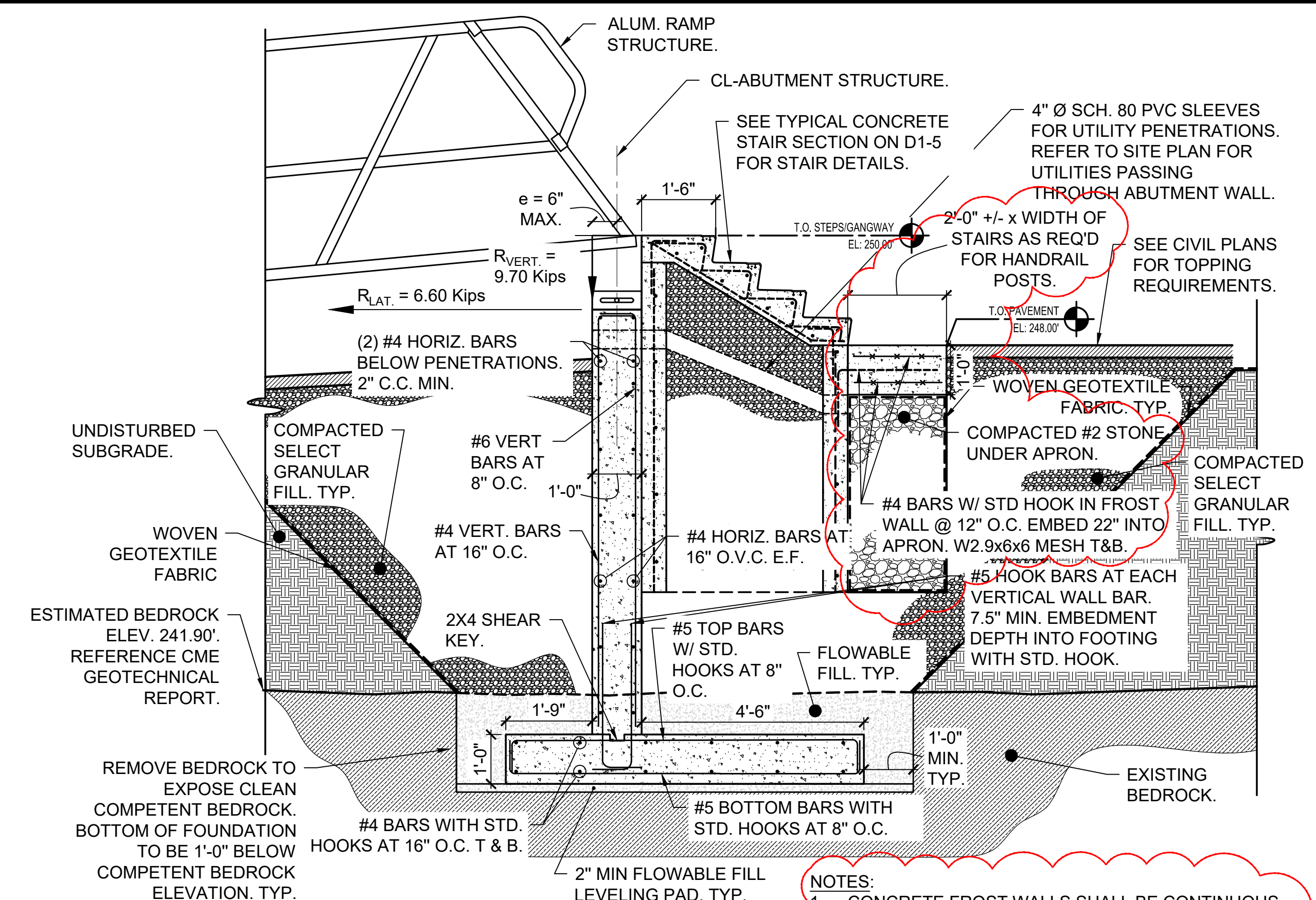


TYP. CONC. FOOTING CORNER REINFORCING
SCALE: N.T.S.



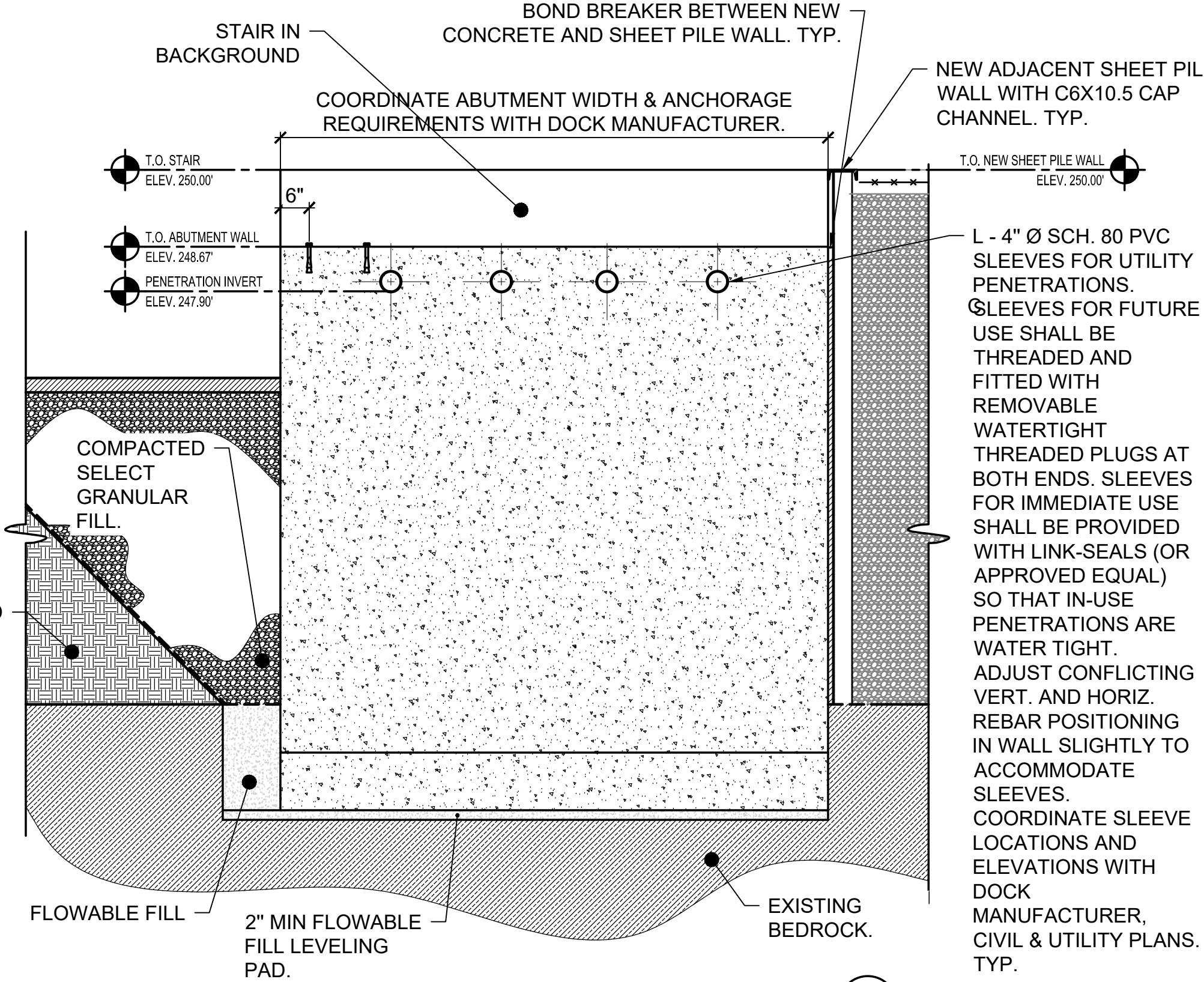
- NOTES:**
- FOR CONSTRUCT-ABILITY, THE CONTRACTOR HAS THE OPTION TO INSTALL STAIR AS A CONCRETE MASS.
 - CONCRETE MASS SHALL BE CONTINUOUS. CUT DOWN OR REMOVE NEW AND EXISTING SHEET PILING AS NEEDED.
 - REFER TO DETAIL A ON THIS SHEET FOR BALANCE OF INFORMATION.

STAIR ALT. AT EAST DOCK ABUTMENT SECTION
SCALE: 1/2" = 1'-0"



- NOTES:**
- CONCRETE FROST WALLS SHALL BE CONTINUOUS. CUT DOWN OR REMOVE NEW AND EXISTING SHEET PILING AS NEEDED.

EAST DOCK ABUTMENT SECTION A
SCALE: 1/2" = 1'-0"



EAST ABUTMENT STRUCTURE ELEVATION B
SCALE: 1/2" = 1'-0"

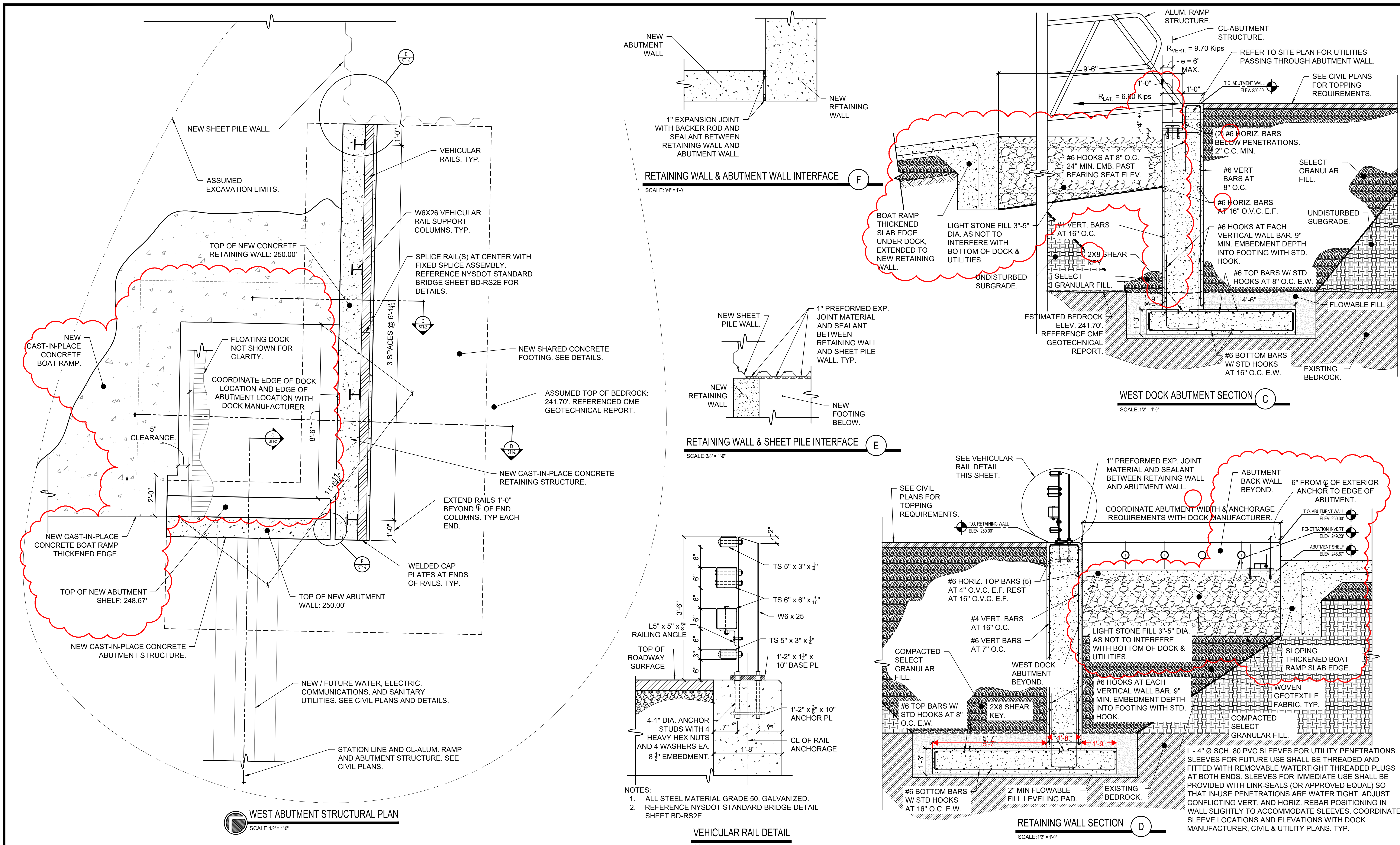
STRUCTURAL NOTES, PLANS AND DETAILS

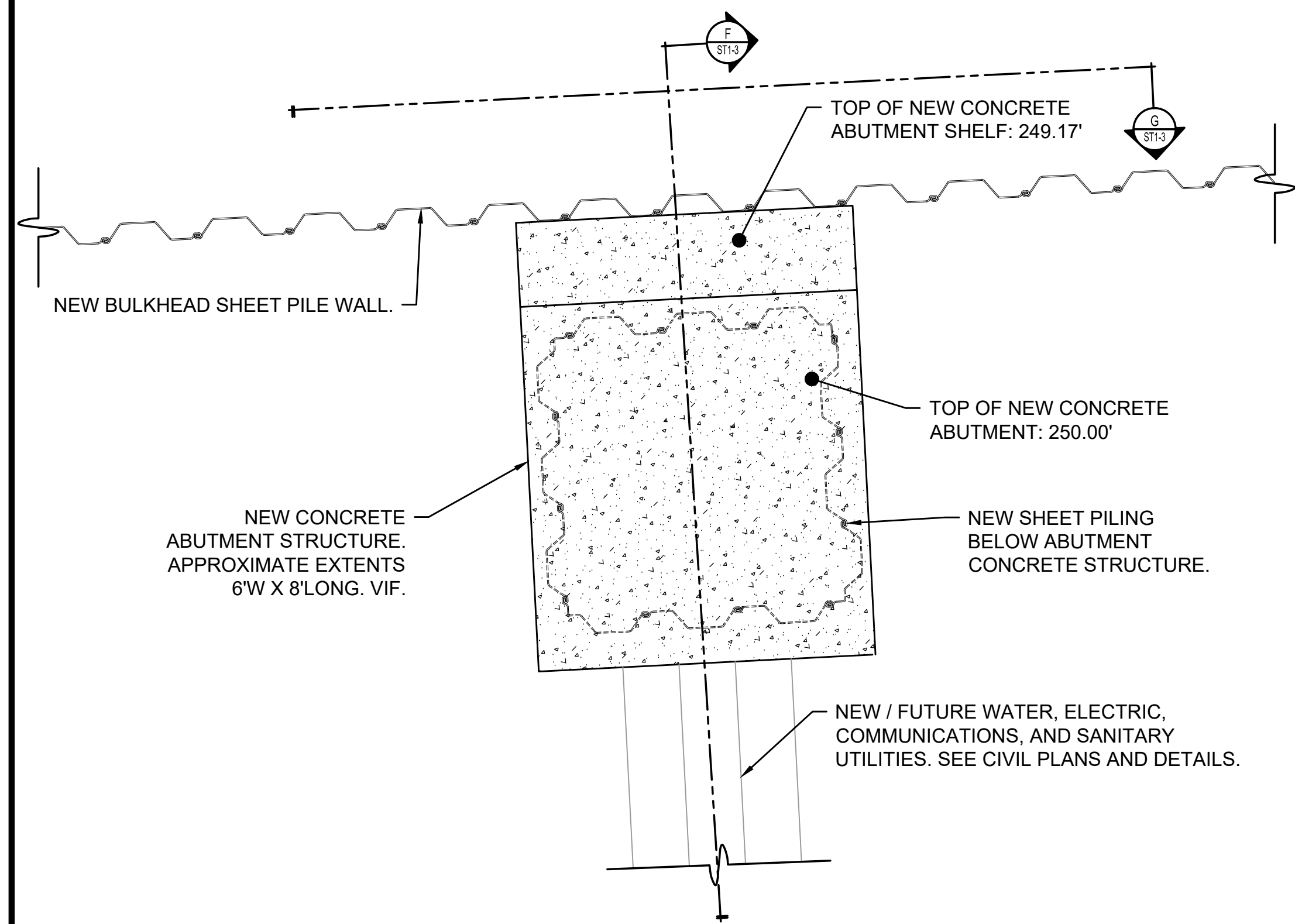
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REDI IMPROVEMENTS**
COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA
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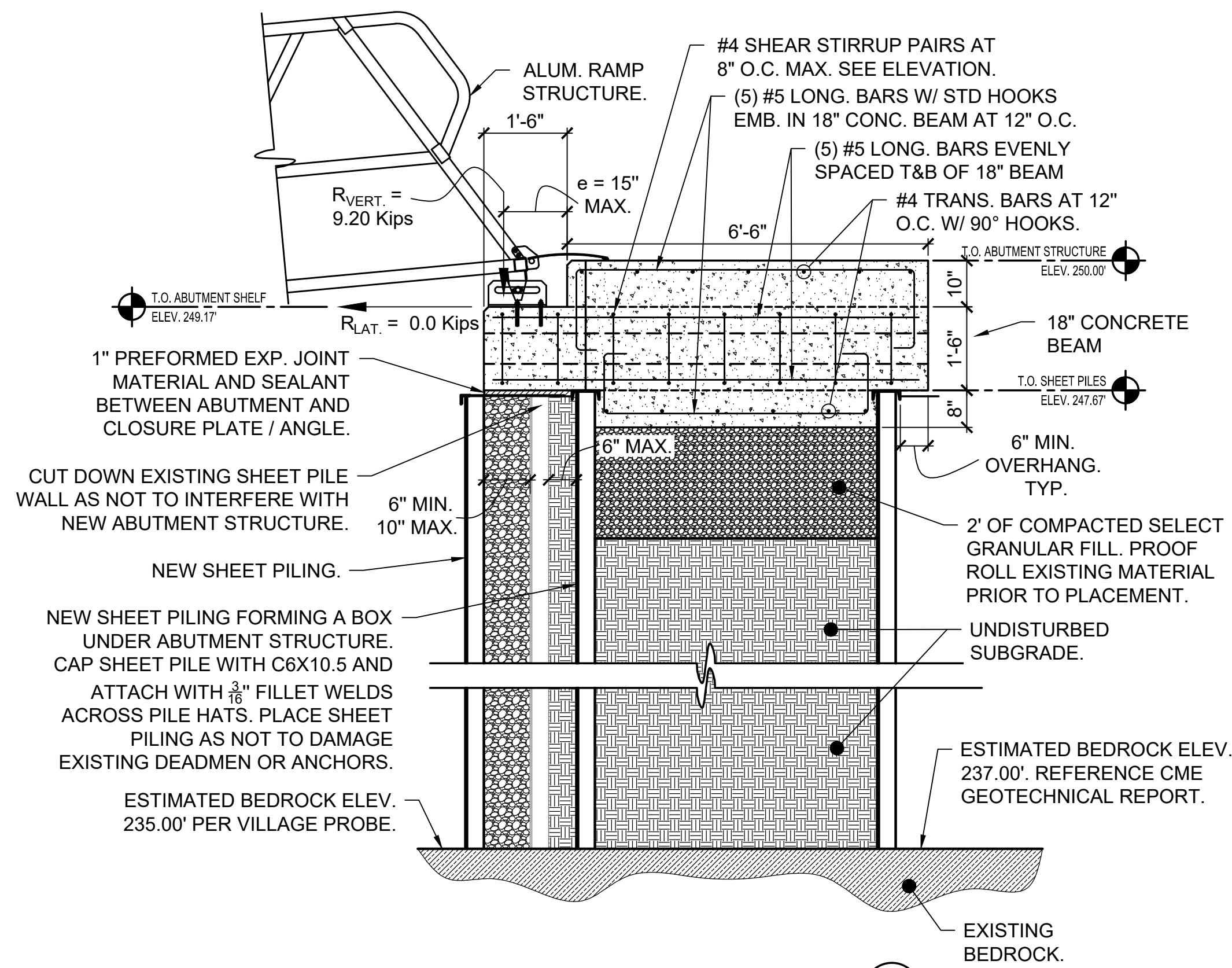
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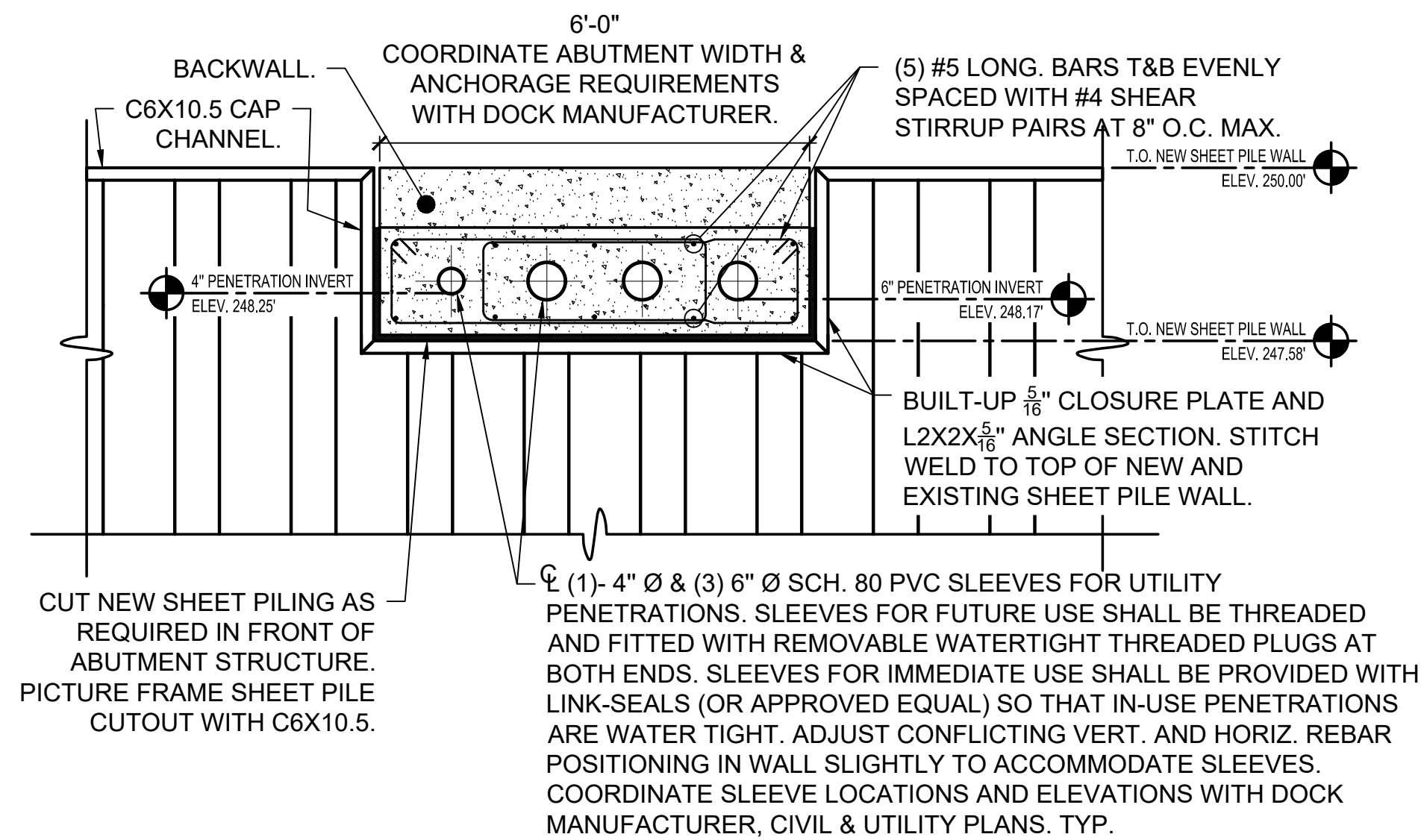




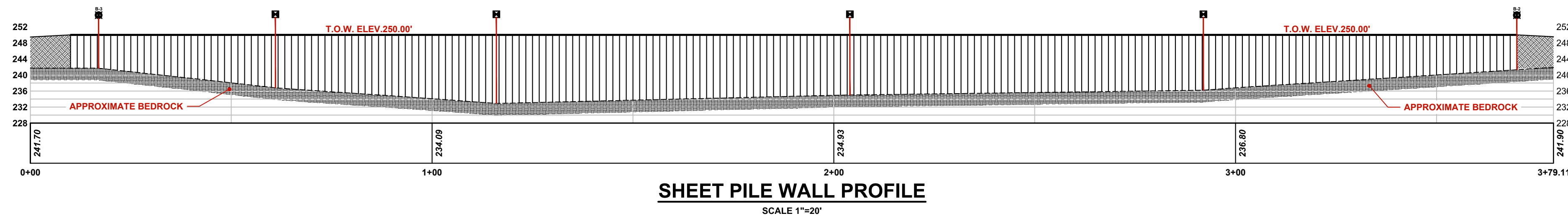
CENTER DOCK ABUTMENT STRUCTURAL PLAN
SCALE: 1/2" = 1'-0"



ABUTMENT STRUCTURE ELEVATION F
SCALE: 1/2" = 1'-0"



ABUTMENT STRUCTURE ELEVATION G
SCALE: 1/2" = 1'-0"



SHEET PILE WALL PROFILE
SCALE: 1" = 20'

STRUCTURAL NOTES, PLANS AND DETAILS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
COUNTY OF JEFFERSON - STATE OF NEW YORK

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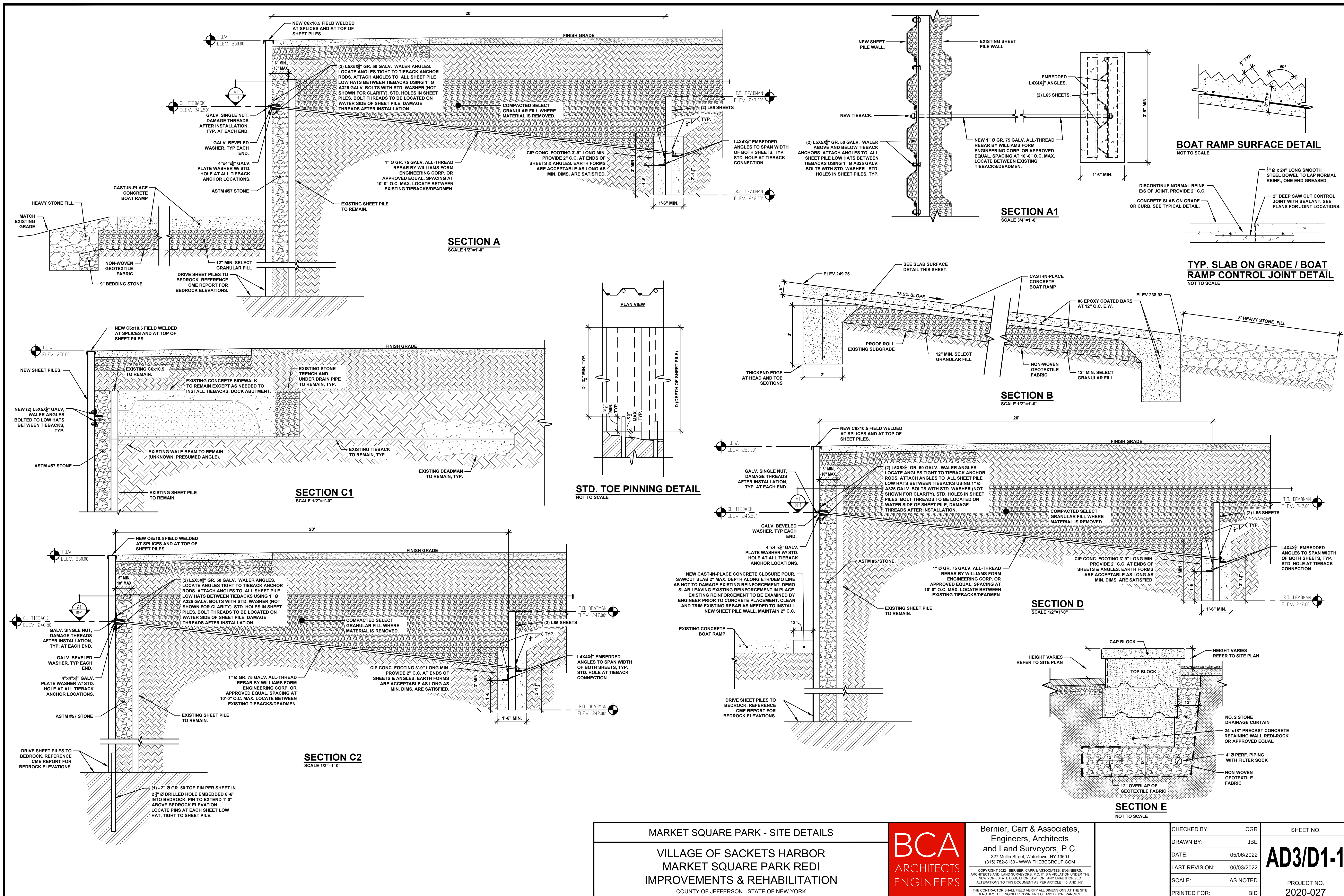
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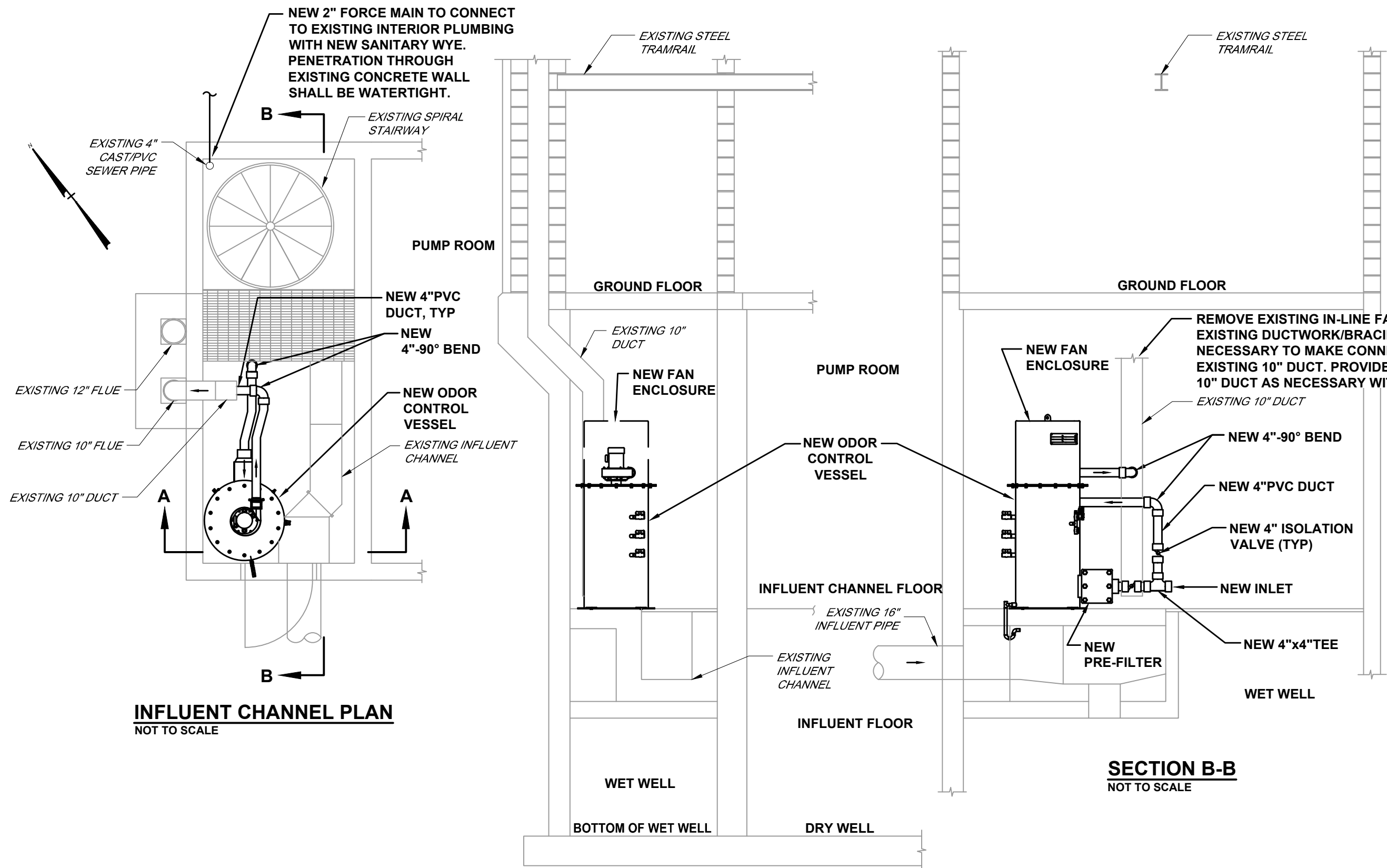
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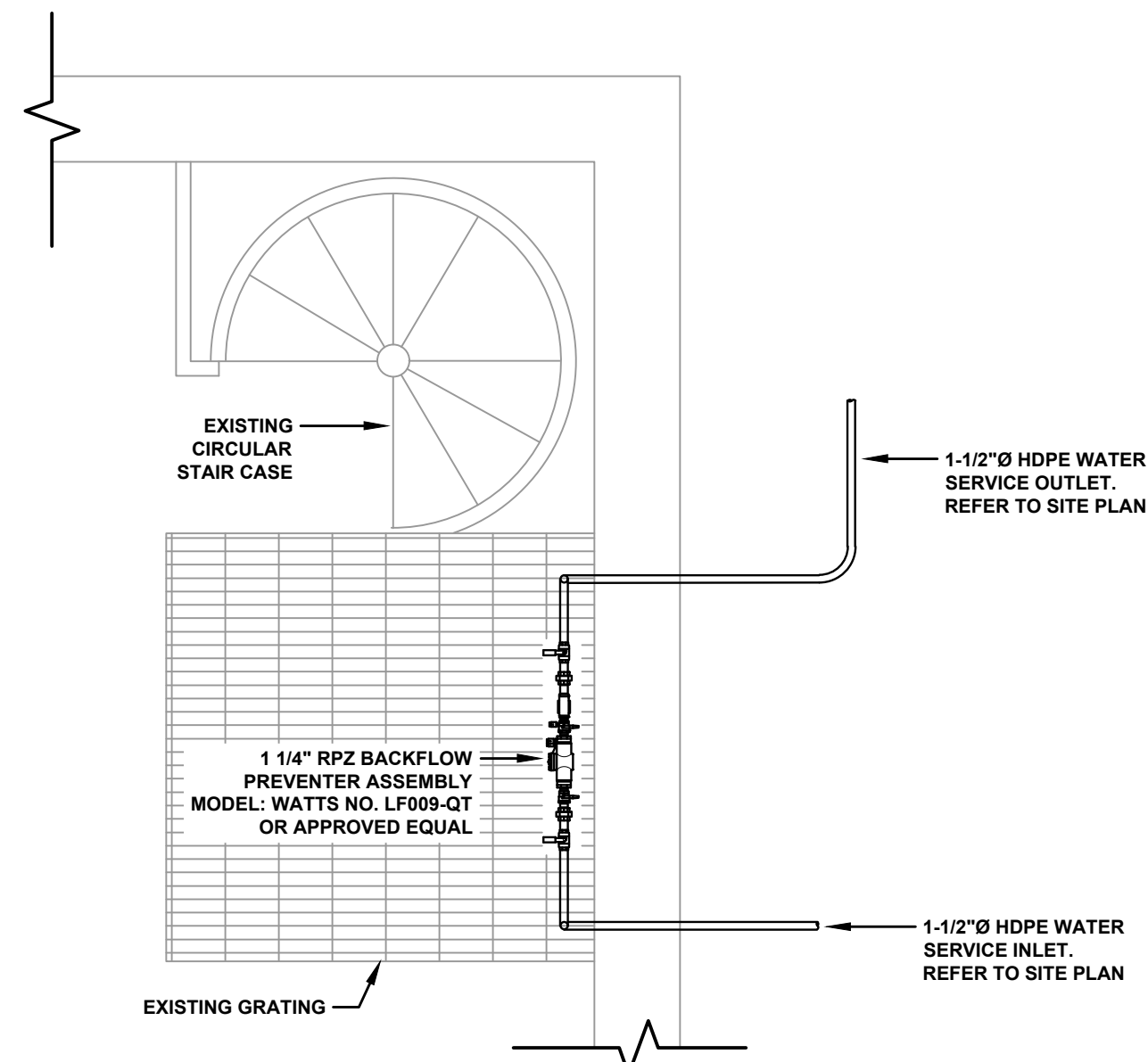
AD3/ST1-3

PROJECT NO.
2020-027

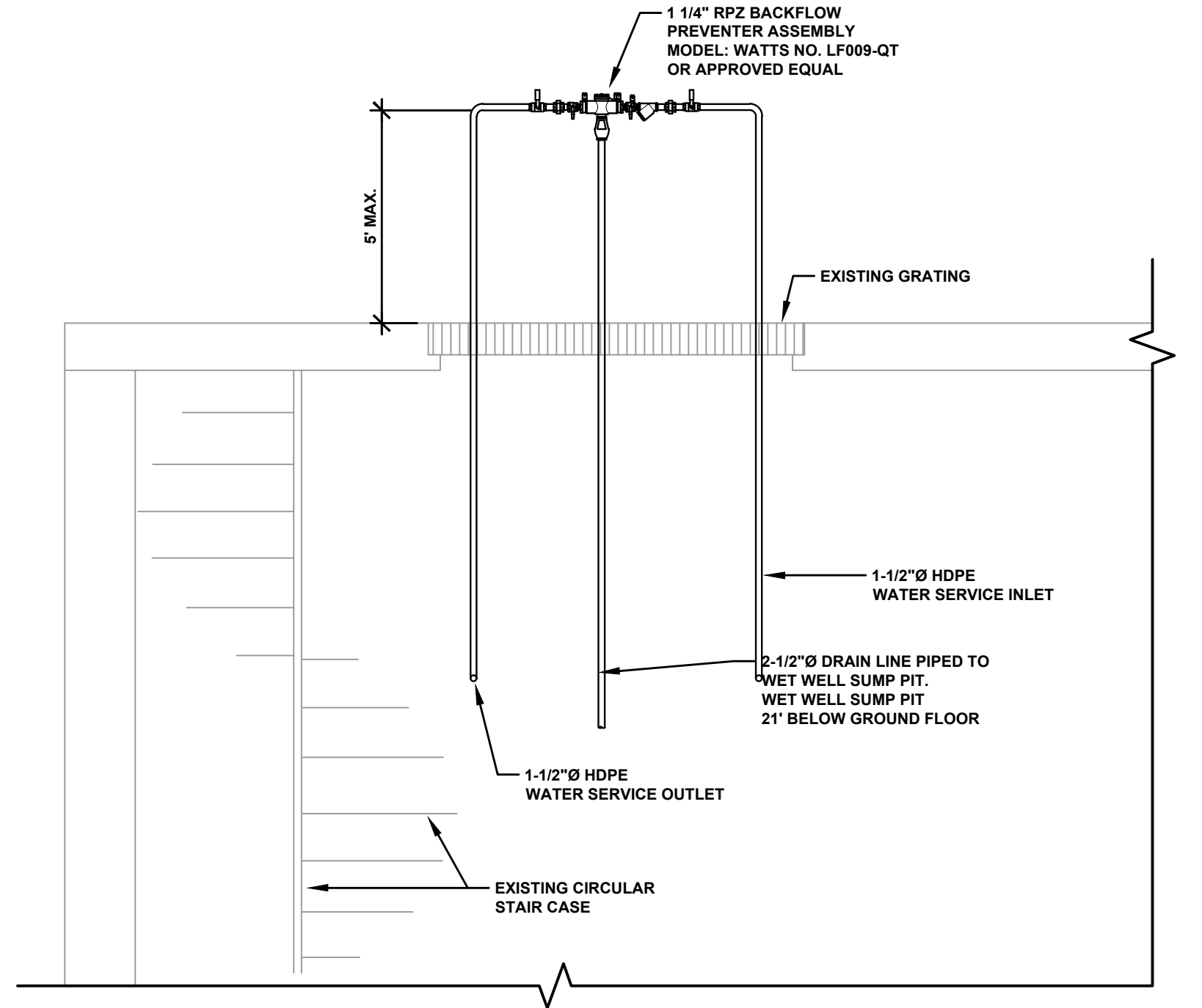




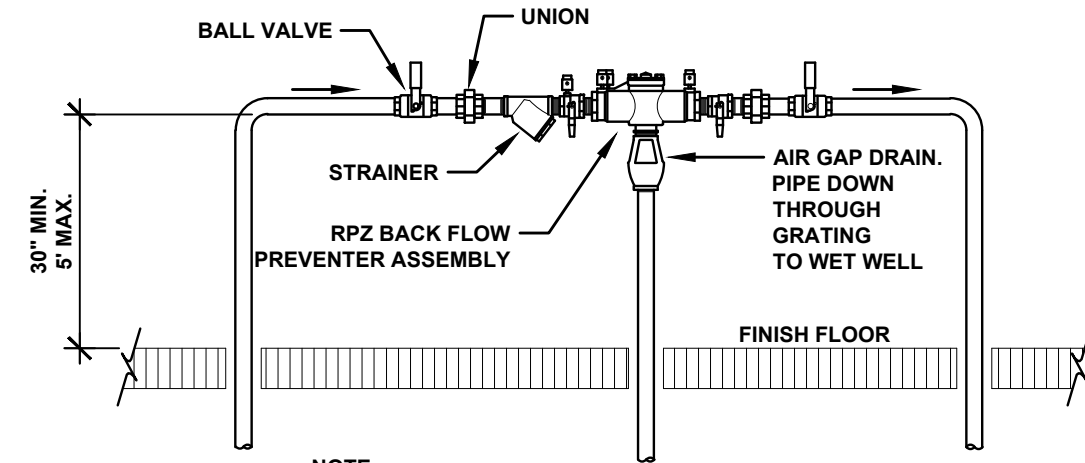
EXISTING PUMP STATION ODOR CONTROL PLAN
NOT TO SCALE



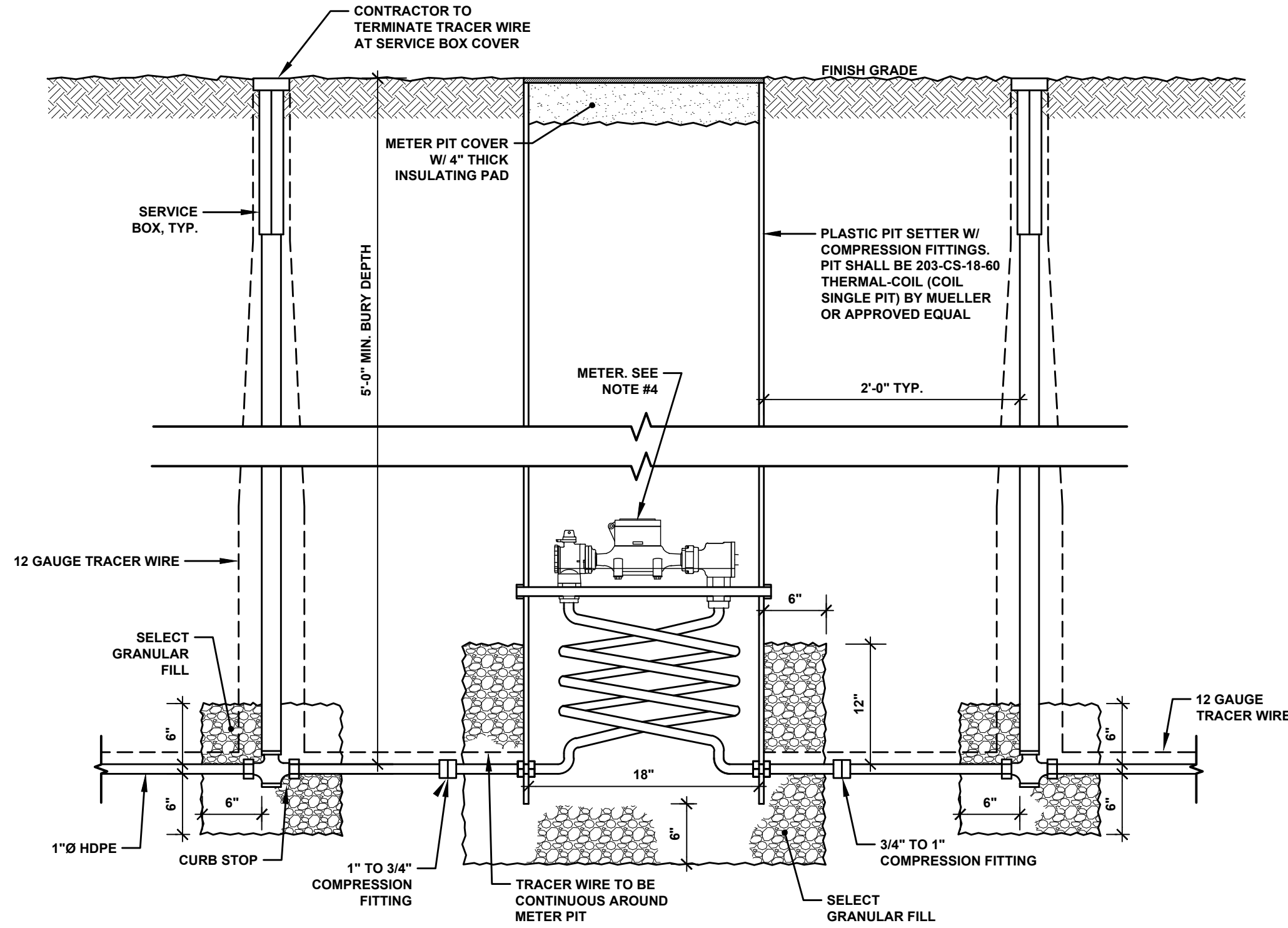
RPZ BACK FLOW PRENVENTER PLAN
NOT TO SCALE



RPZ BACK FLOW PRENVENTER ELEVATION
NOT TO SCALE



RPZ BACK FLOW PRENVENTER ASSEMBLY DETAIL
NOT TO SCALE



- NOTES**
1. SEE TYPICAL TRENCH AND PIPE BEDDING DETAIL FOR SERVICE BEDDING REQUIREMENTS.
 2. CURB STOP AND METER PIT LOCATIONS WILL BE DETERMINED IN THE FIELD.
 3. ALL SERVICES SHALL BE 1"Ø U.N.O.
 4. CONTRACTOR SHALL LEAVE PLASTIC PIPE BLANK SHIPPED WITH METER PIT IN PLACE. OWNER TO REMOVE PIPE BLANK & INSTALL METER WHEN CHECKING FOR LEAK.

METER PIT DETAIL
NOT TO SCALE



**EXISTING INTERIOR SANITARY PIPE
FOR FORCE MAIN CONNECTION**



EXISTING 10"Ø DUCT

REMOVE EXISTING IN-LINE FAN AND EXISTING DUCTWORK/BRACING AS NECESSARY TO MAKE CONNECTION INTO EXISTING 10" DUCT. PROVIDE ADDITIONAL 10" DUCT AS NECESSARY WITH END CAP.

MARKET SQUARE PARK - SITE DETAILS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
COUNTY OF JEFFERSON - STATE OF NEW YORK

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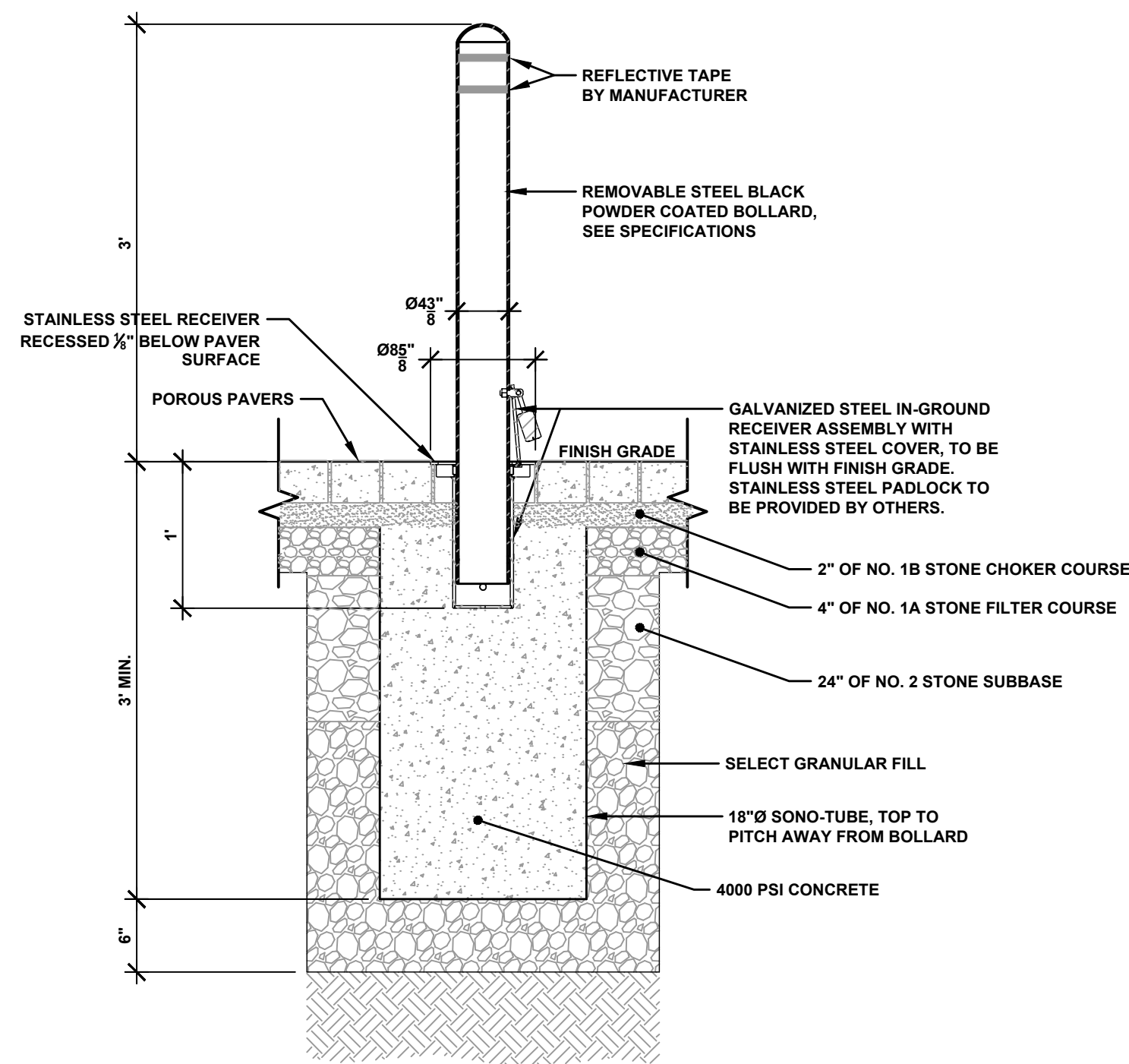
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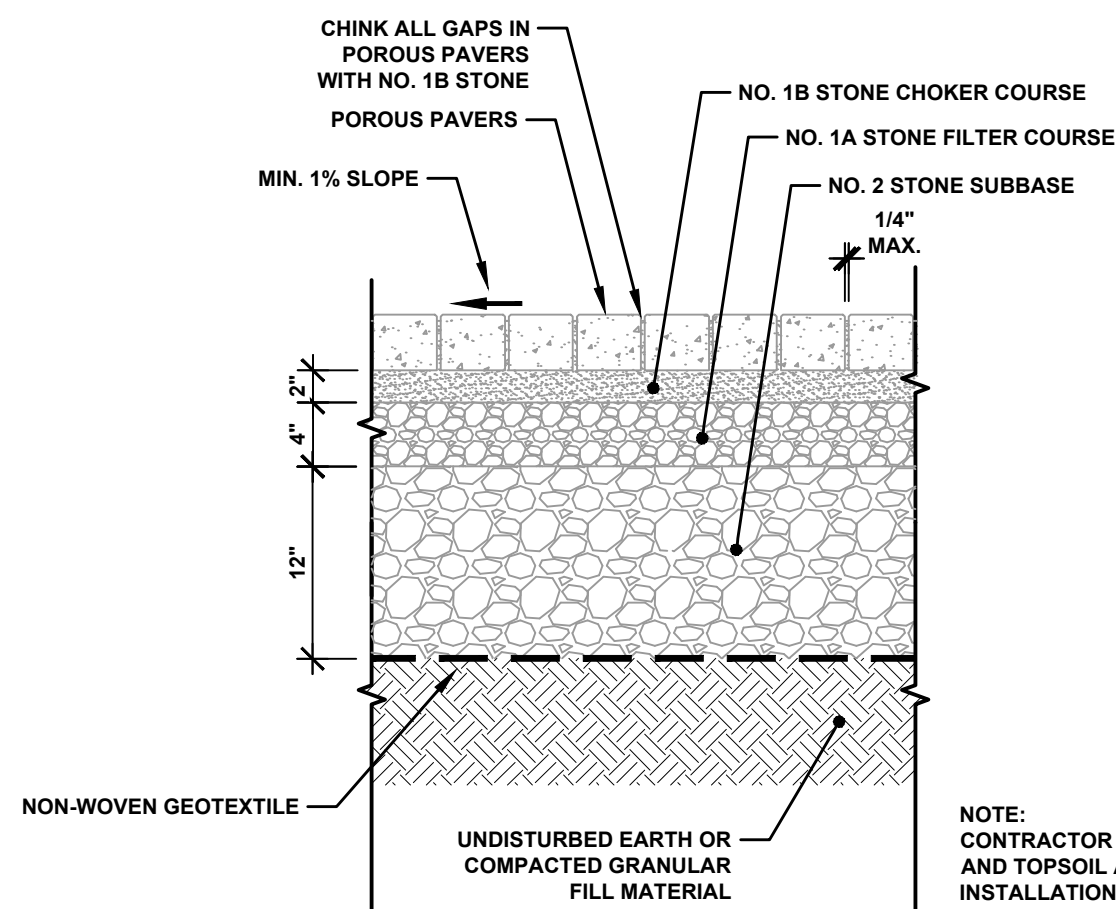
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D1-2

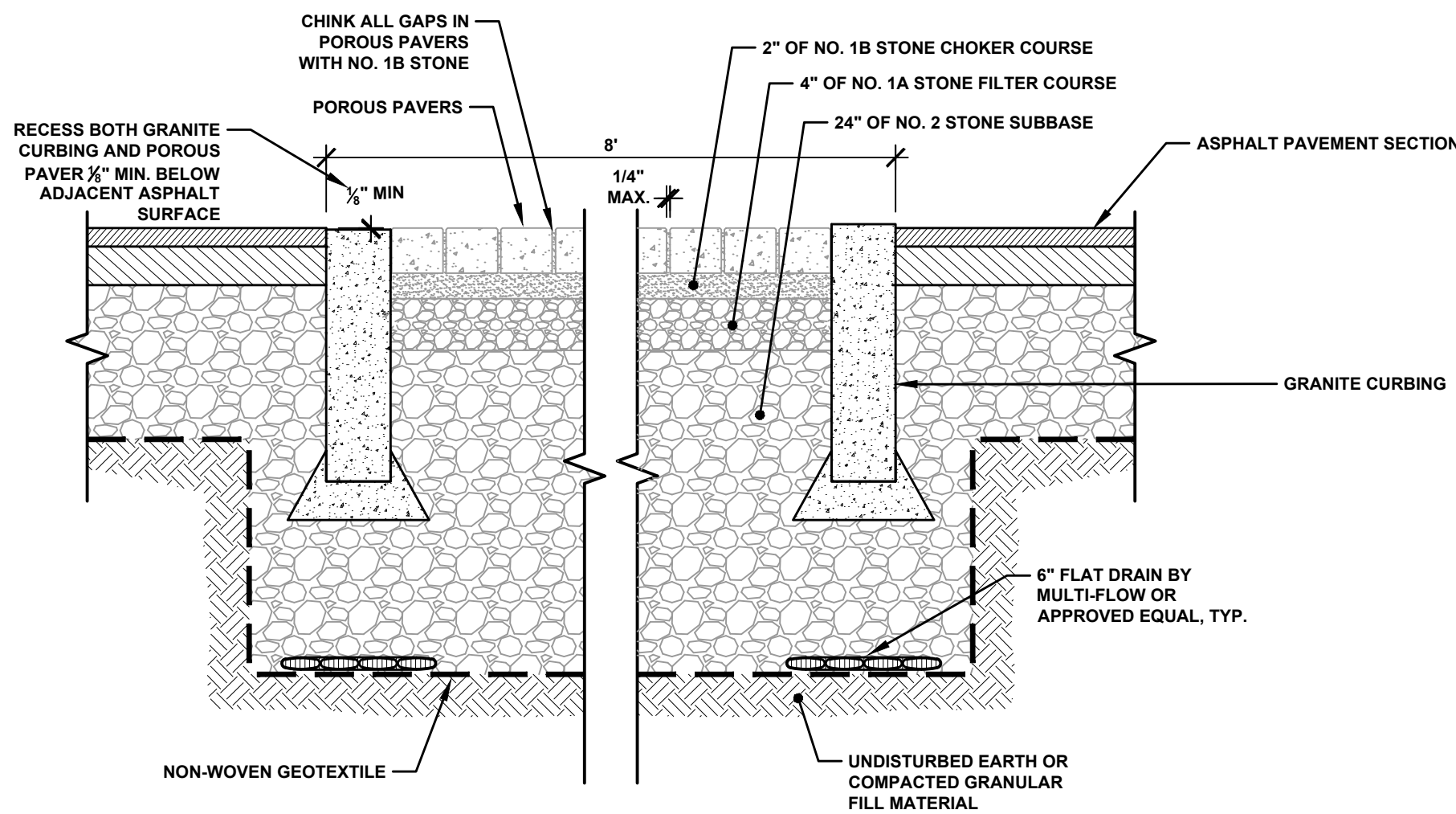
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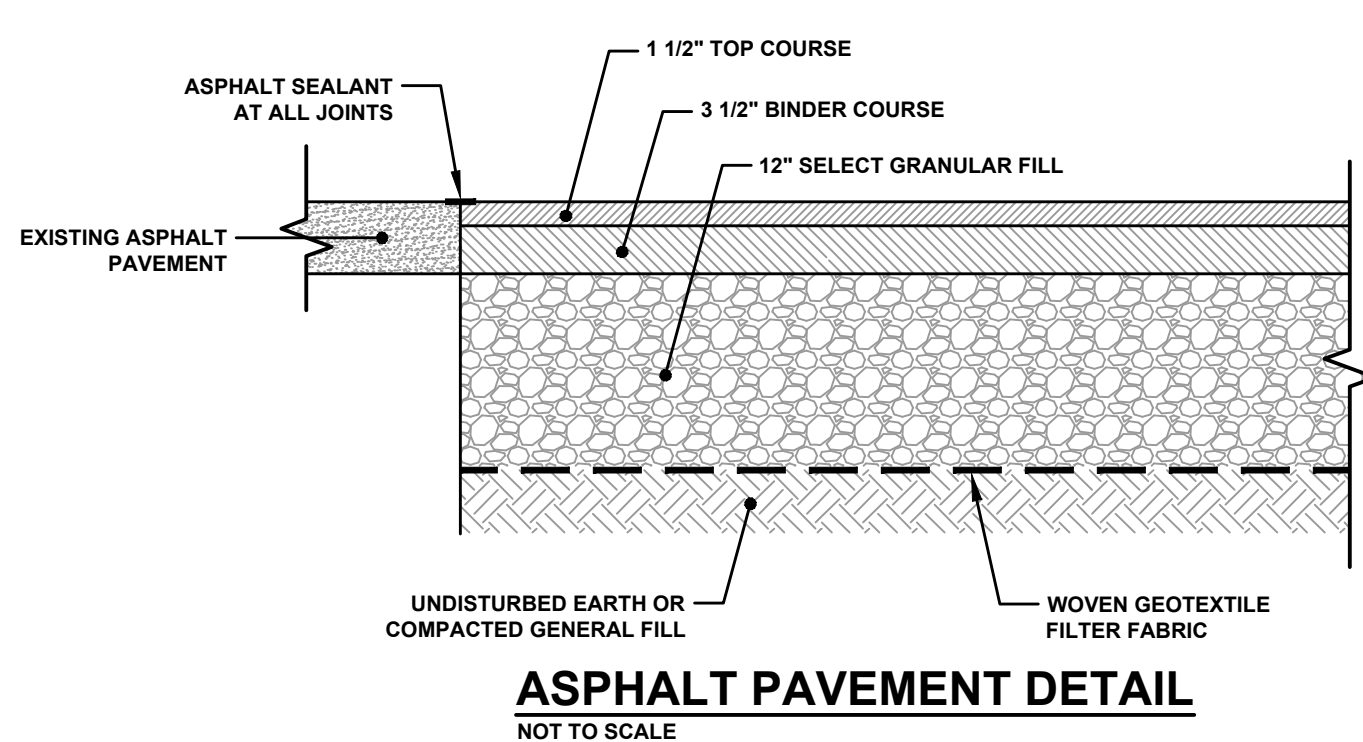
REMOVABLE BOLLARD DETAIL
NOT TO SCALE



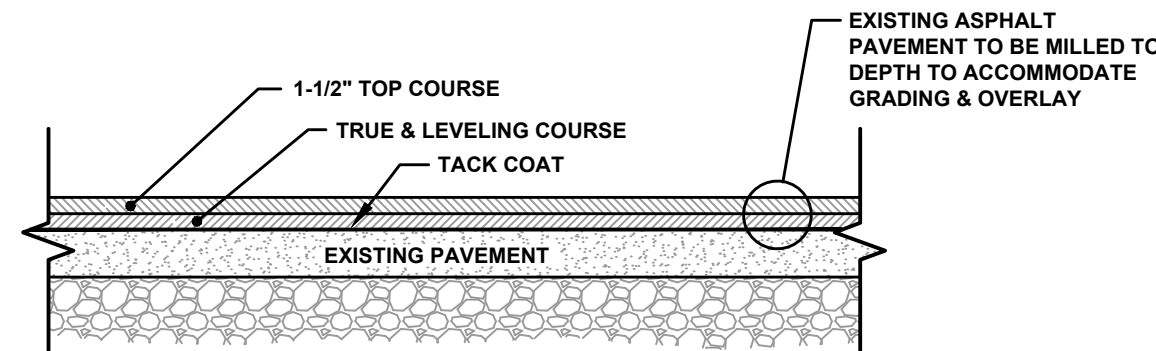
POROUS PAVER DETAIL
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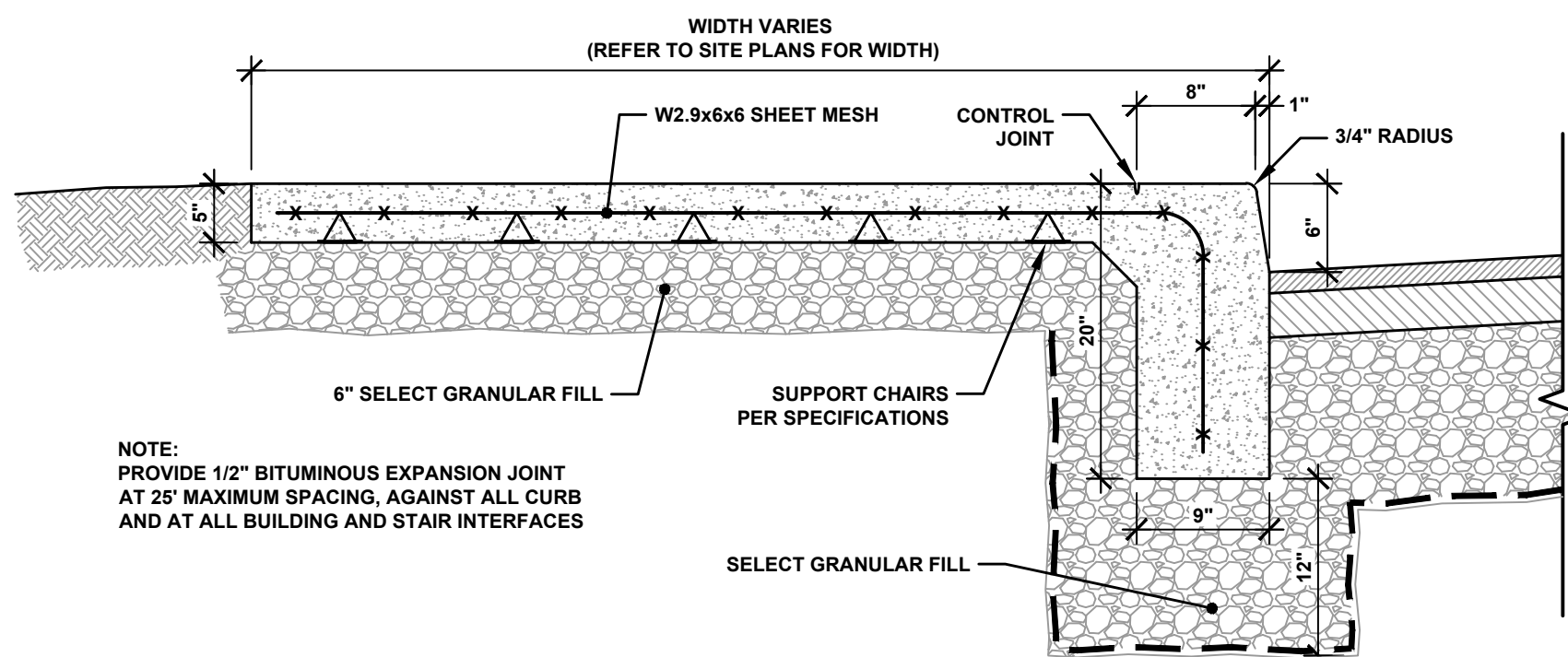
POROUS PAVER CROSSWALK DETAIL
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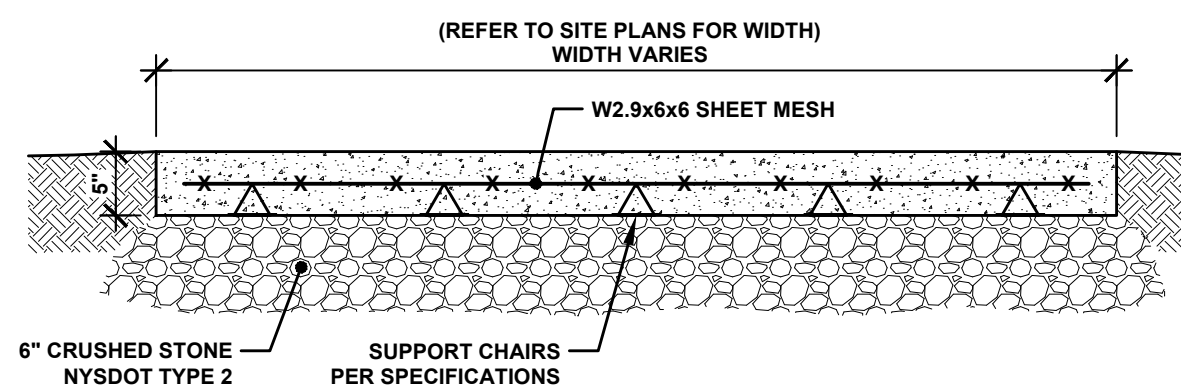
ASPHALT PAVEMENT DETAIL
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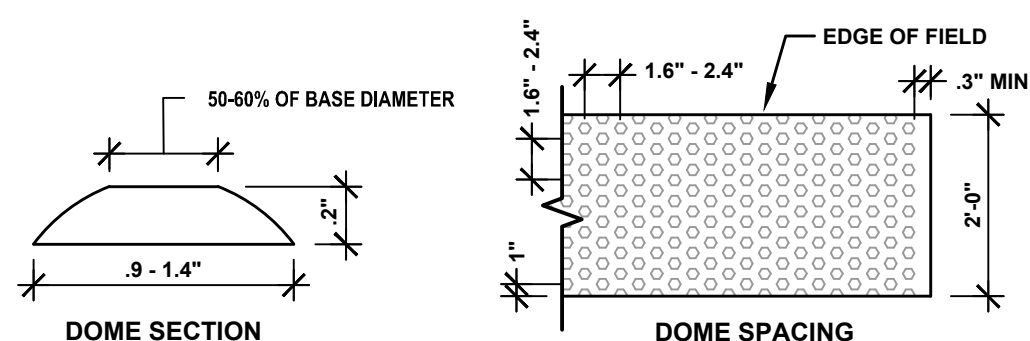
ASPHALT MILLING & RESURFACING DETAIL
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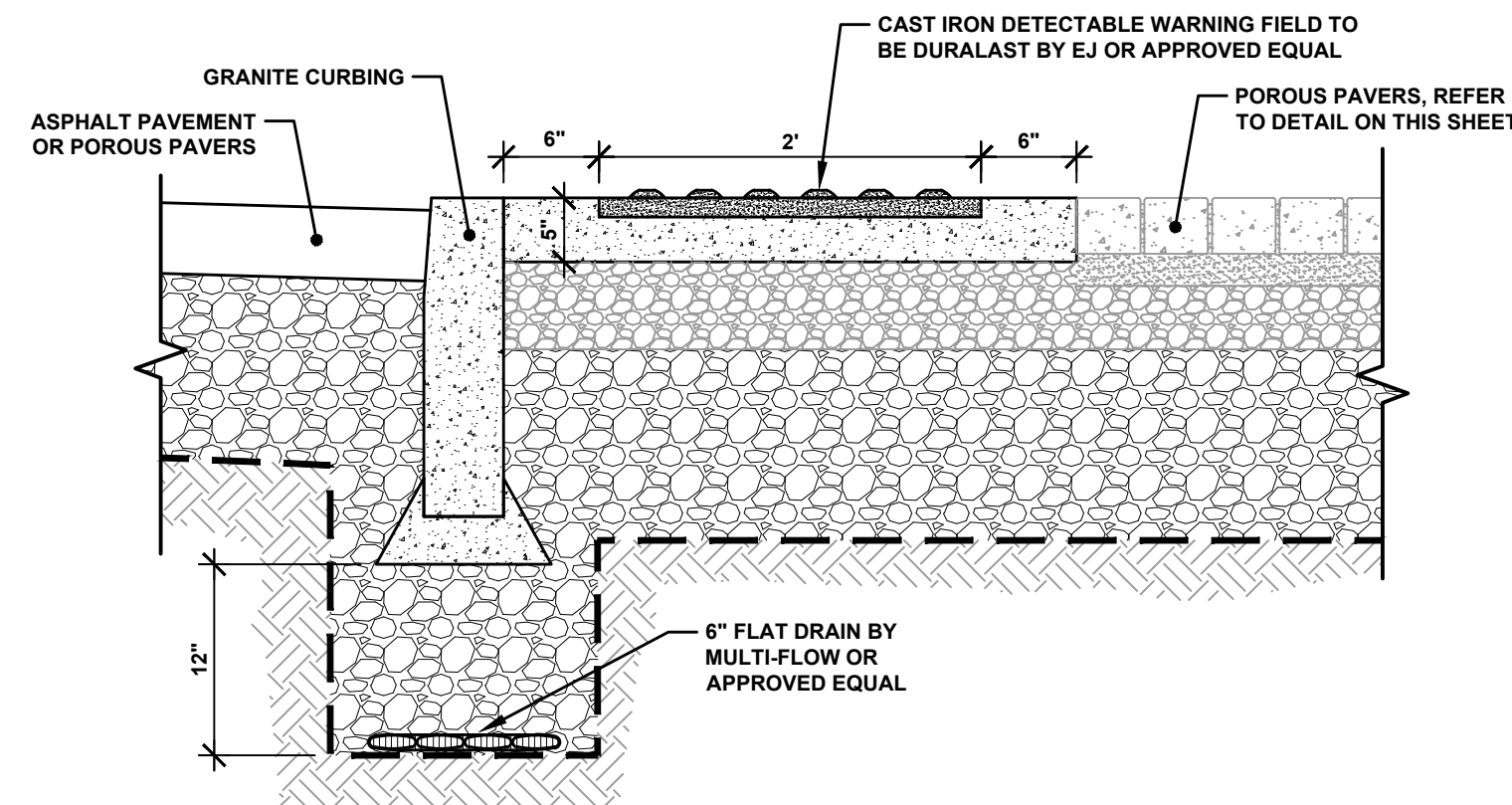
INTEGRAL CONCRETE CURB AND SIDEWALK DETAIL
NOT TO SCALE



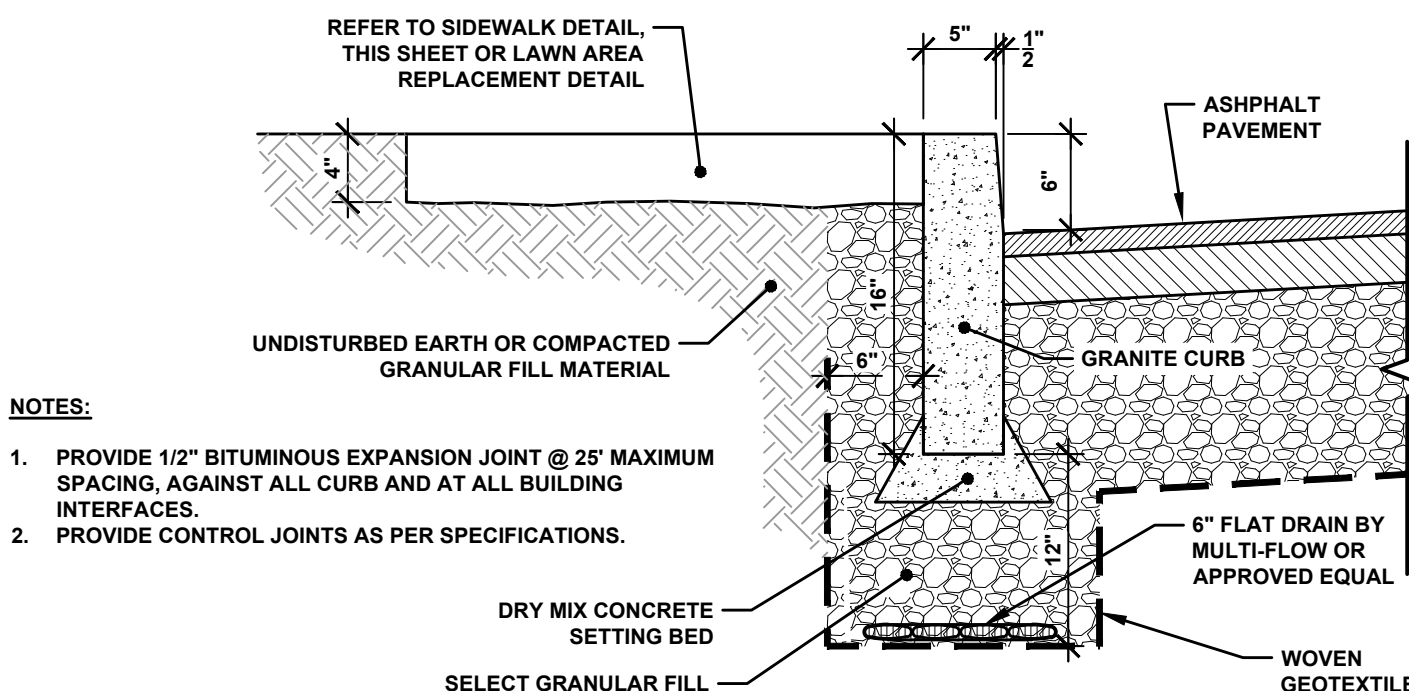
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



DETECTABLE WARNING FIELD DETAIL
NOT TO SCALE



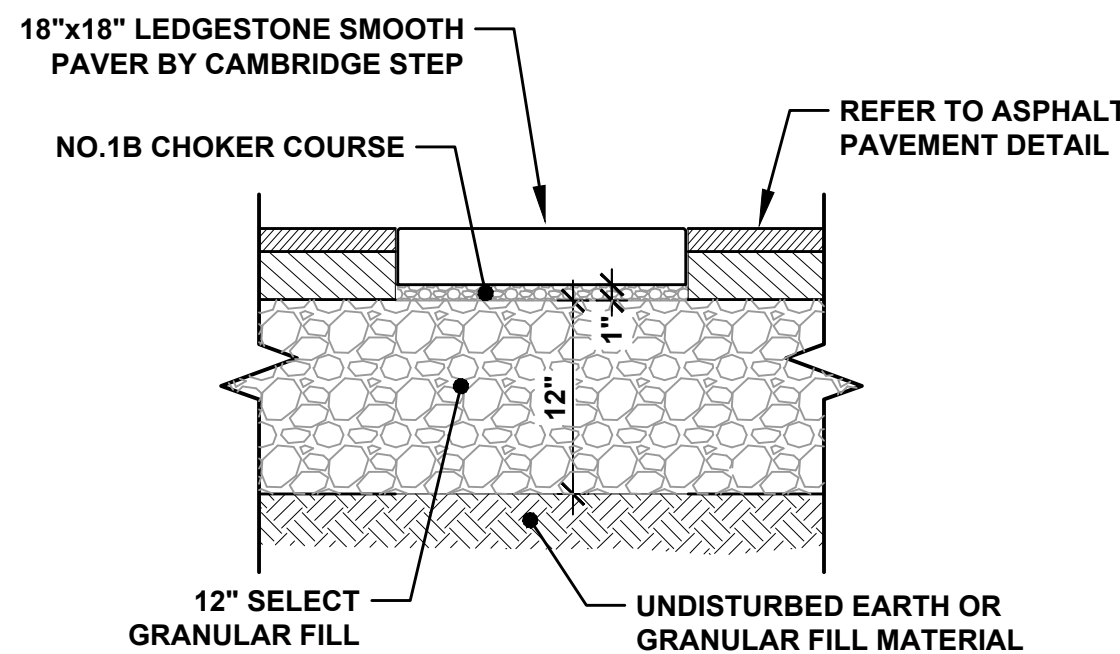
CAST IRON DETECTABLE WARNING FIELD INTERFACE DETAIL
NOT TO SCALE



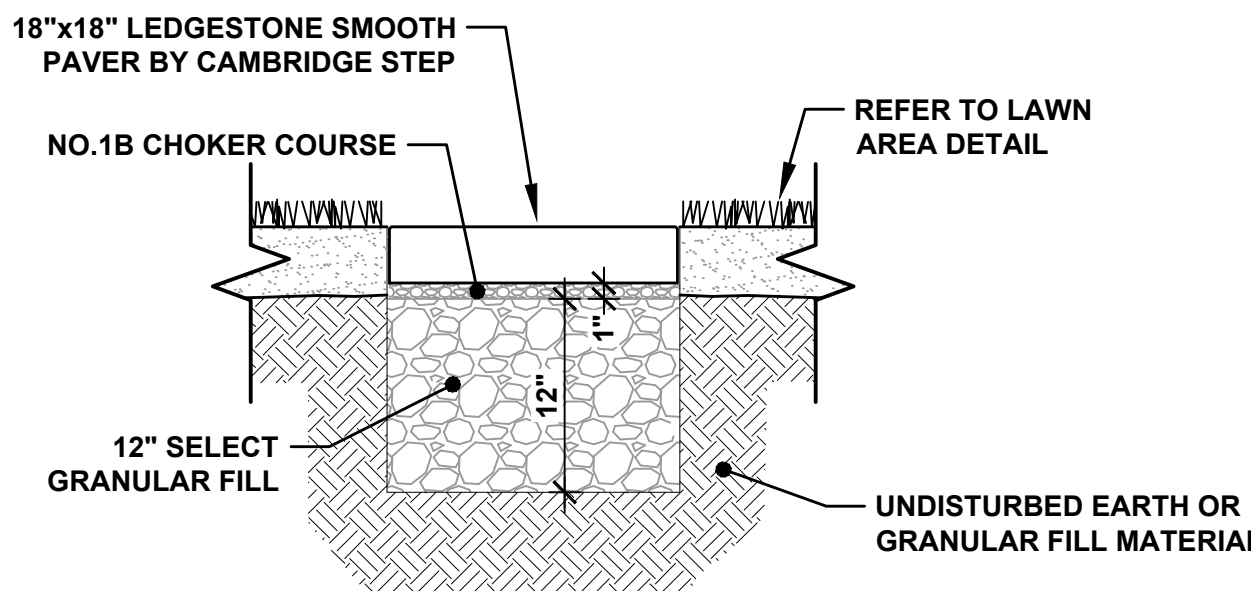
GRANITE CURB DETAIL
NOT TO SCALE

NOTES:

1. PROVIDE 1/2" BITUMINOUS EXPANSION JOINT @ 25' MAXIMUM SPACING, AGAINST ALL CURB AND AT ALL BUILDING INTERFACES.
2. PROVIDE CONTROL JOINTS AS PER SPECIFICATIONS.



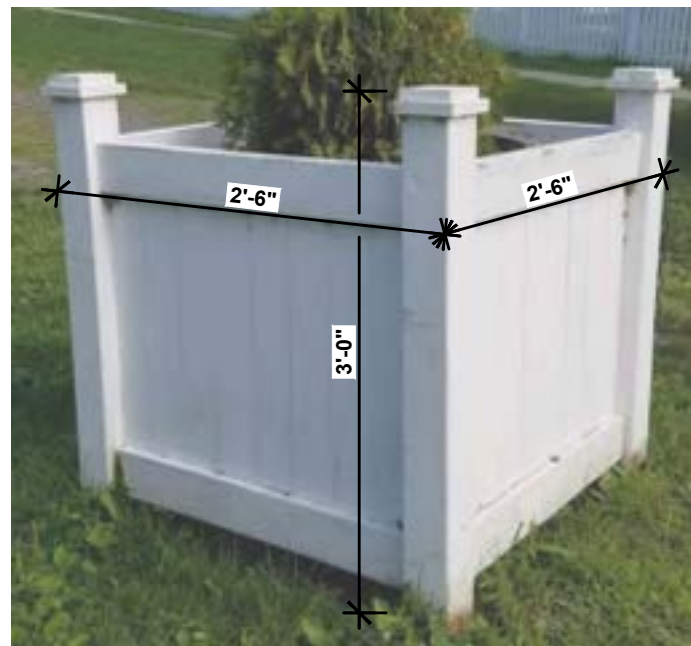
STEP STONE PAVER DETAIL "A"
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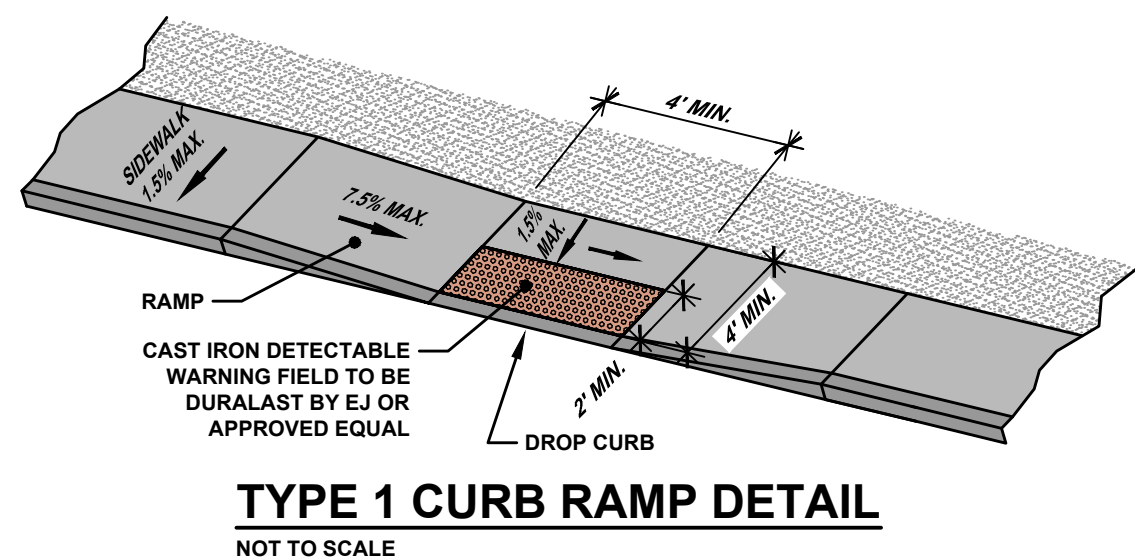
STEP STONE PAVER DETAIL "B"
NOT TO SCALE

NOTE:

CONTRACTOR SHALL DUPLICATE IN EVERY DETAIL, STYLE, AND CONSTRUCTION, PLANTER BOX ADJACENT TO THE PICKERING BEACH MUSEUM IN SACKETS HARBOR. (SUBJECT OF PHOTO)



LANDSCAPE PLANTER DETAIL / PHOTO
NOT TO SCALE



TYPE 1 CURB RAMP DETAIL
NOT TO SCALE

MARKET SQUARE PARK - SITE DETAILS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
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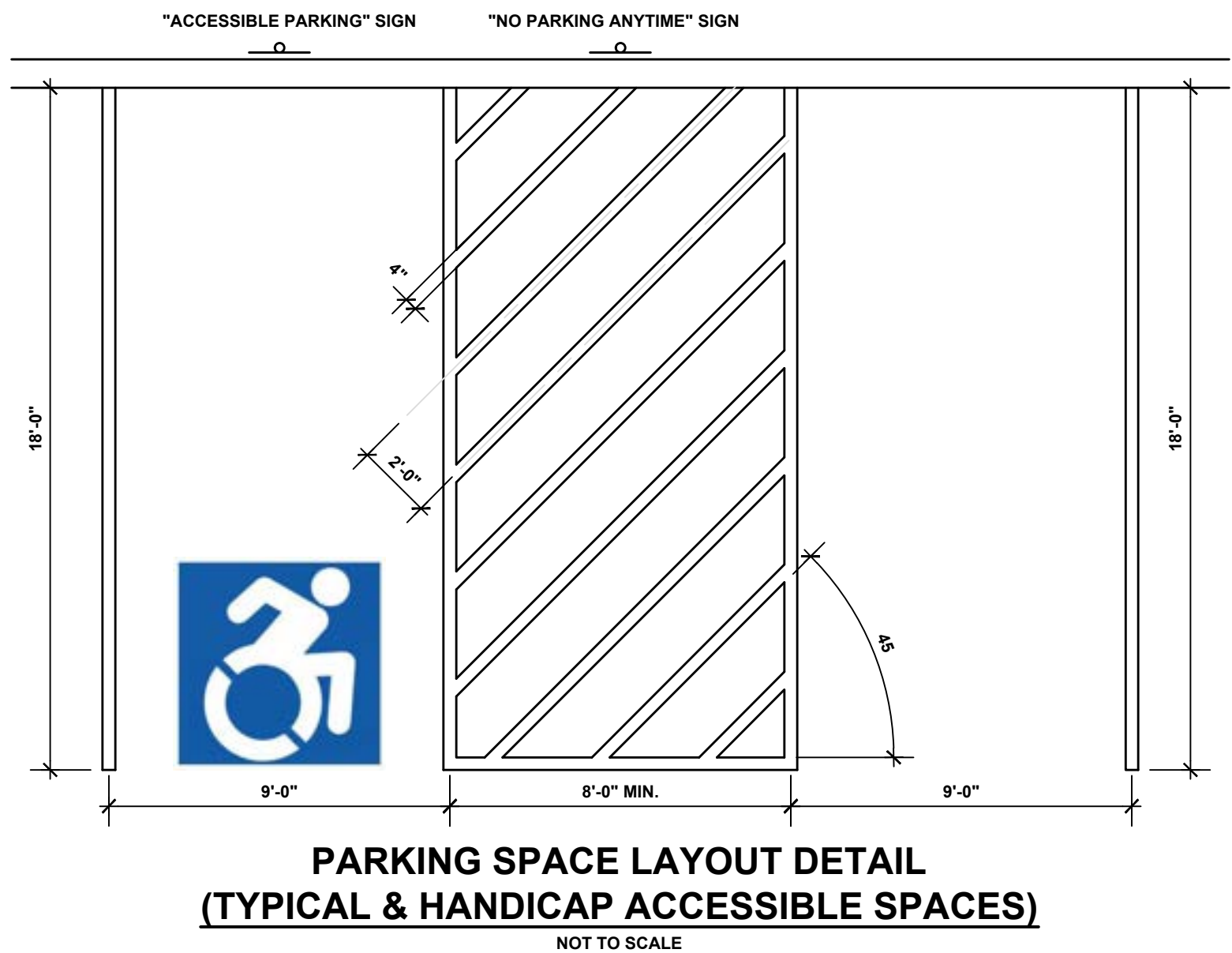
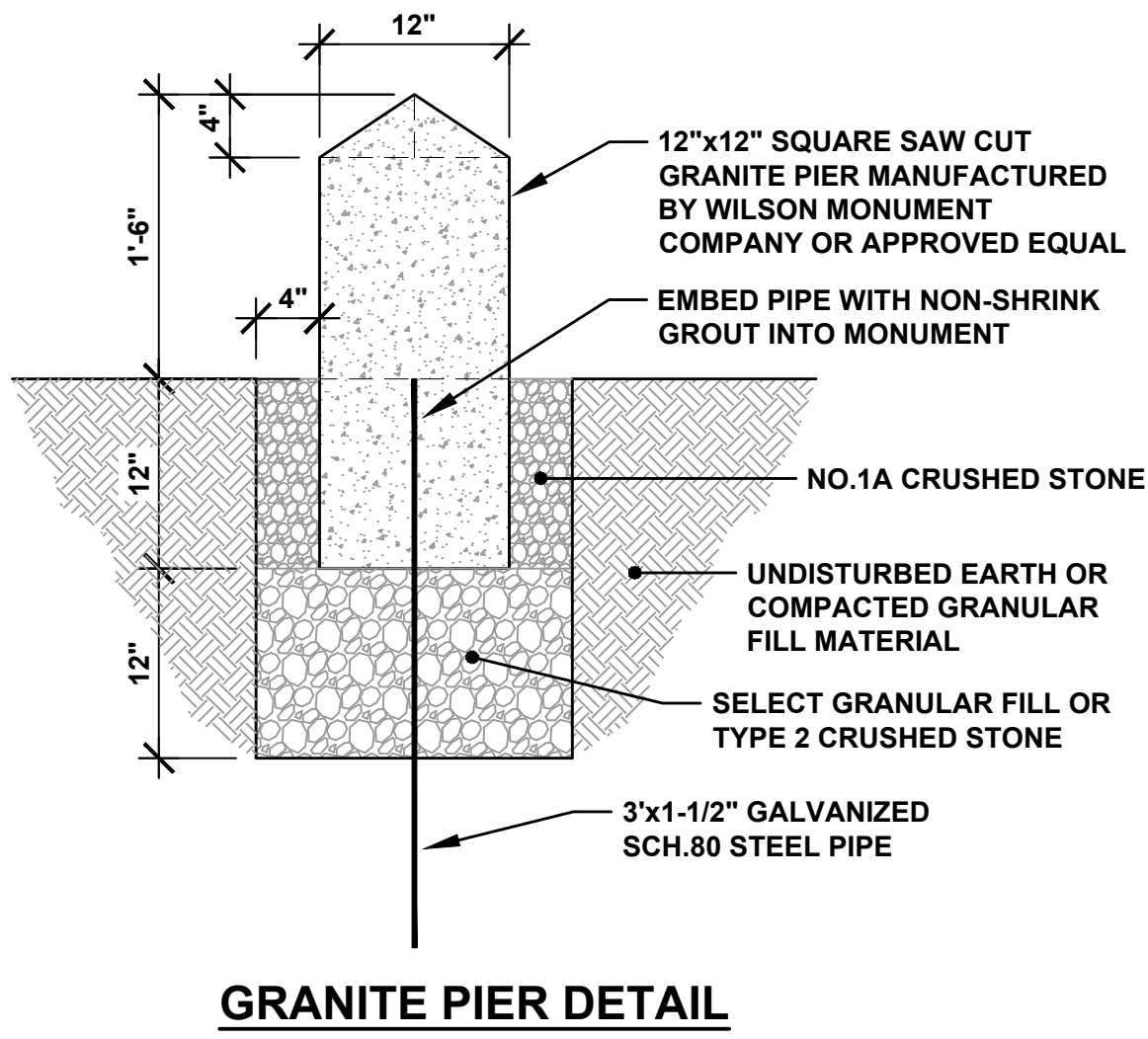
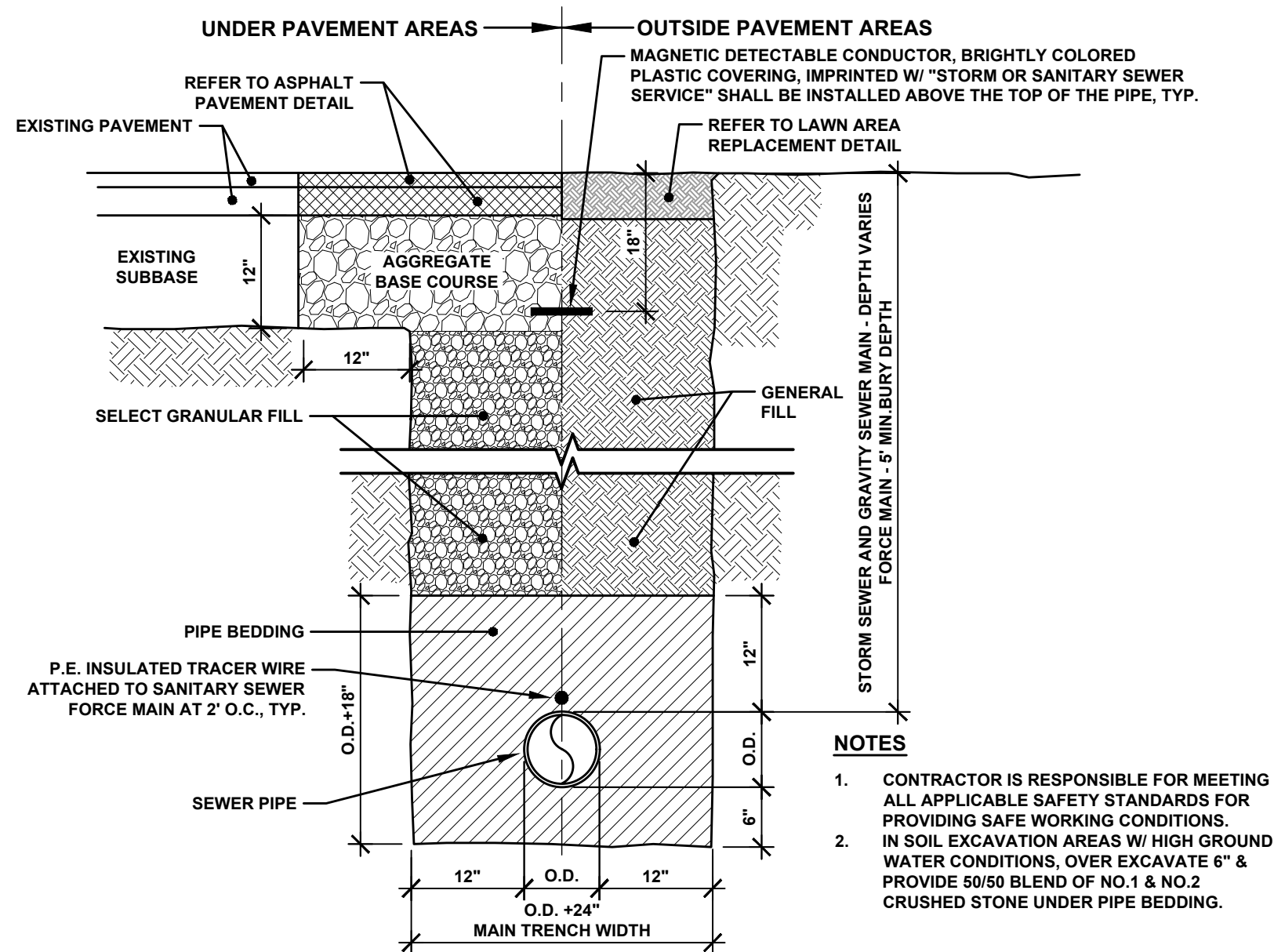
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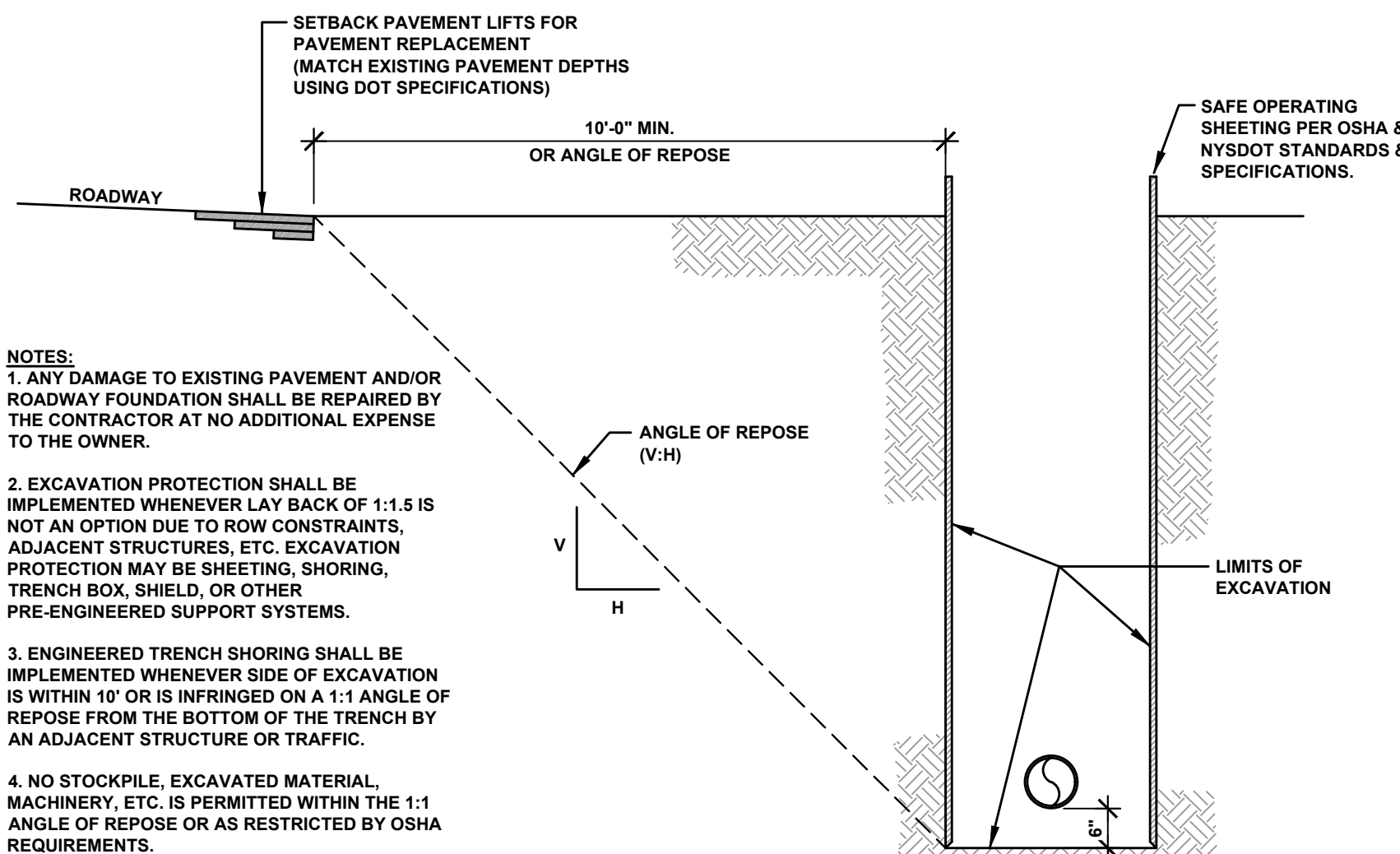
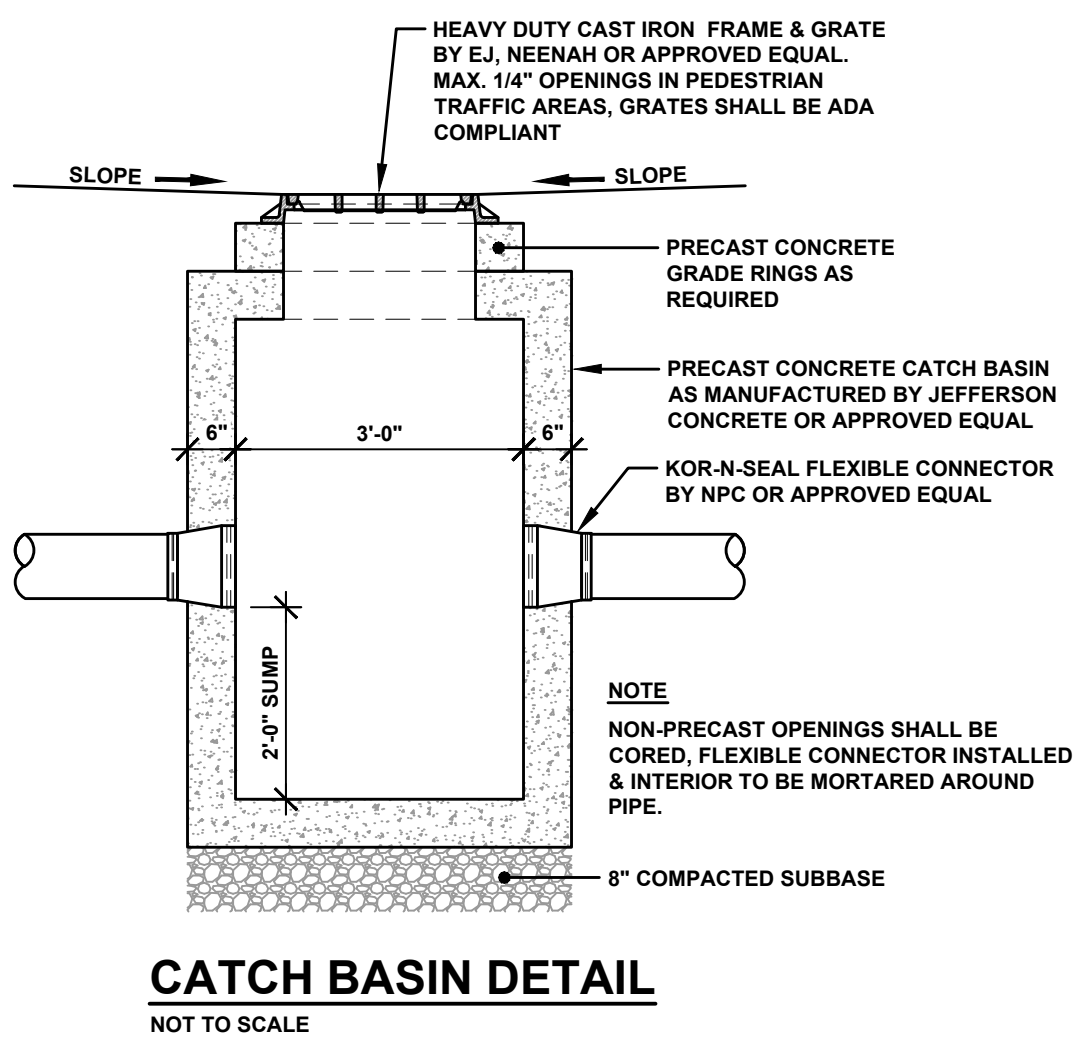
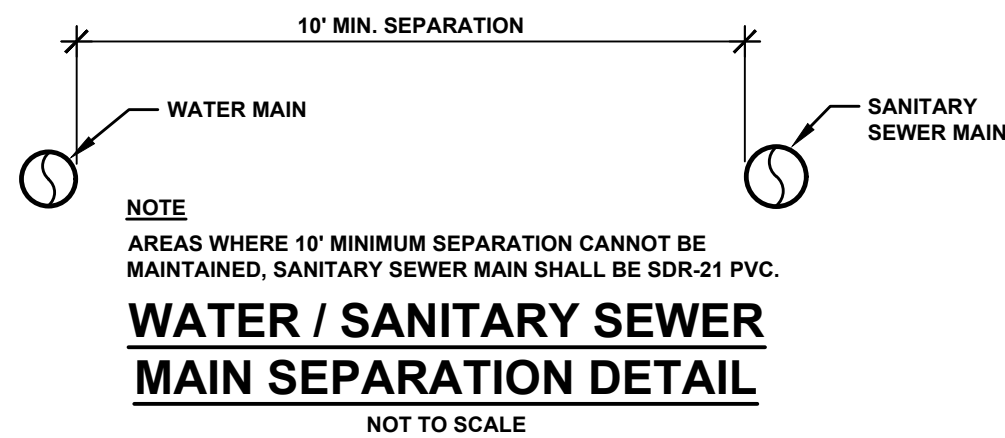
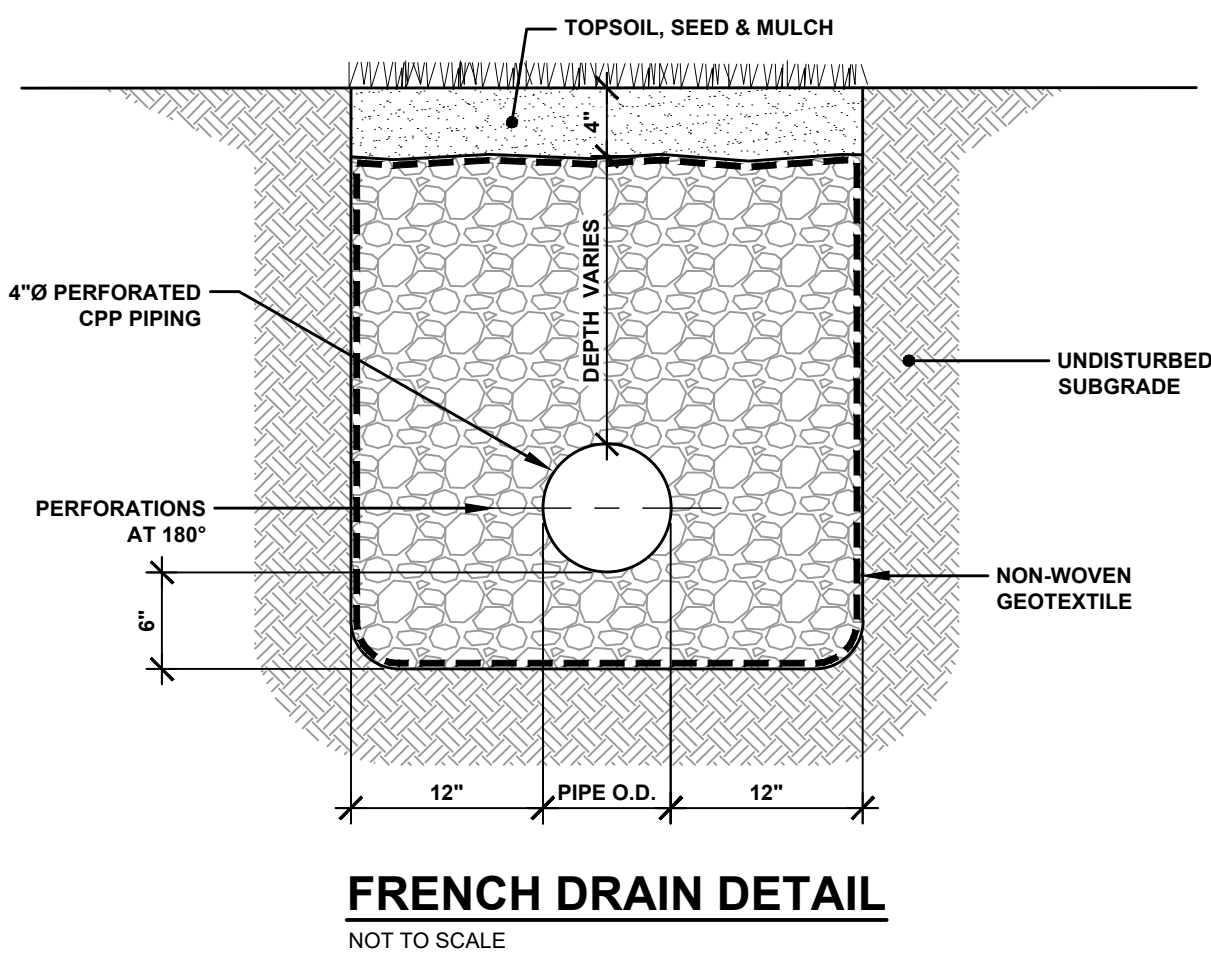
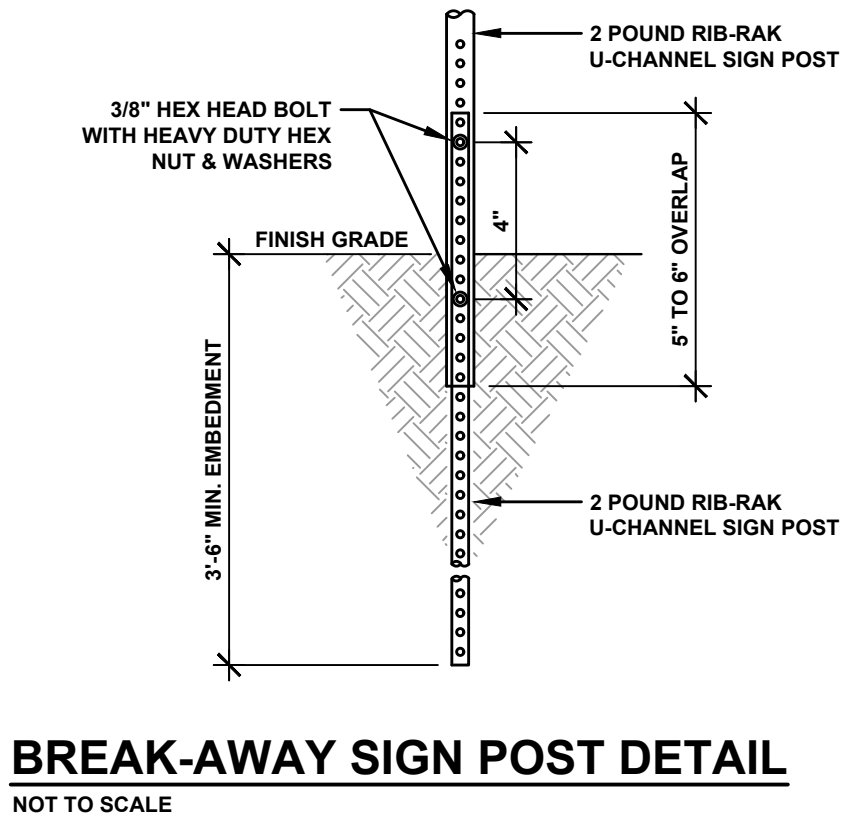
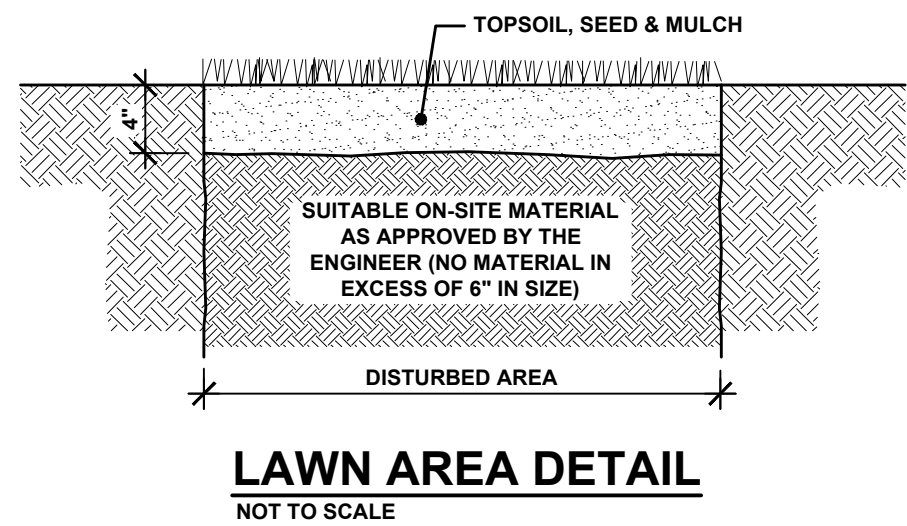
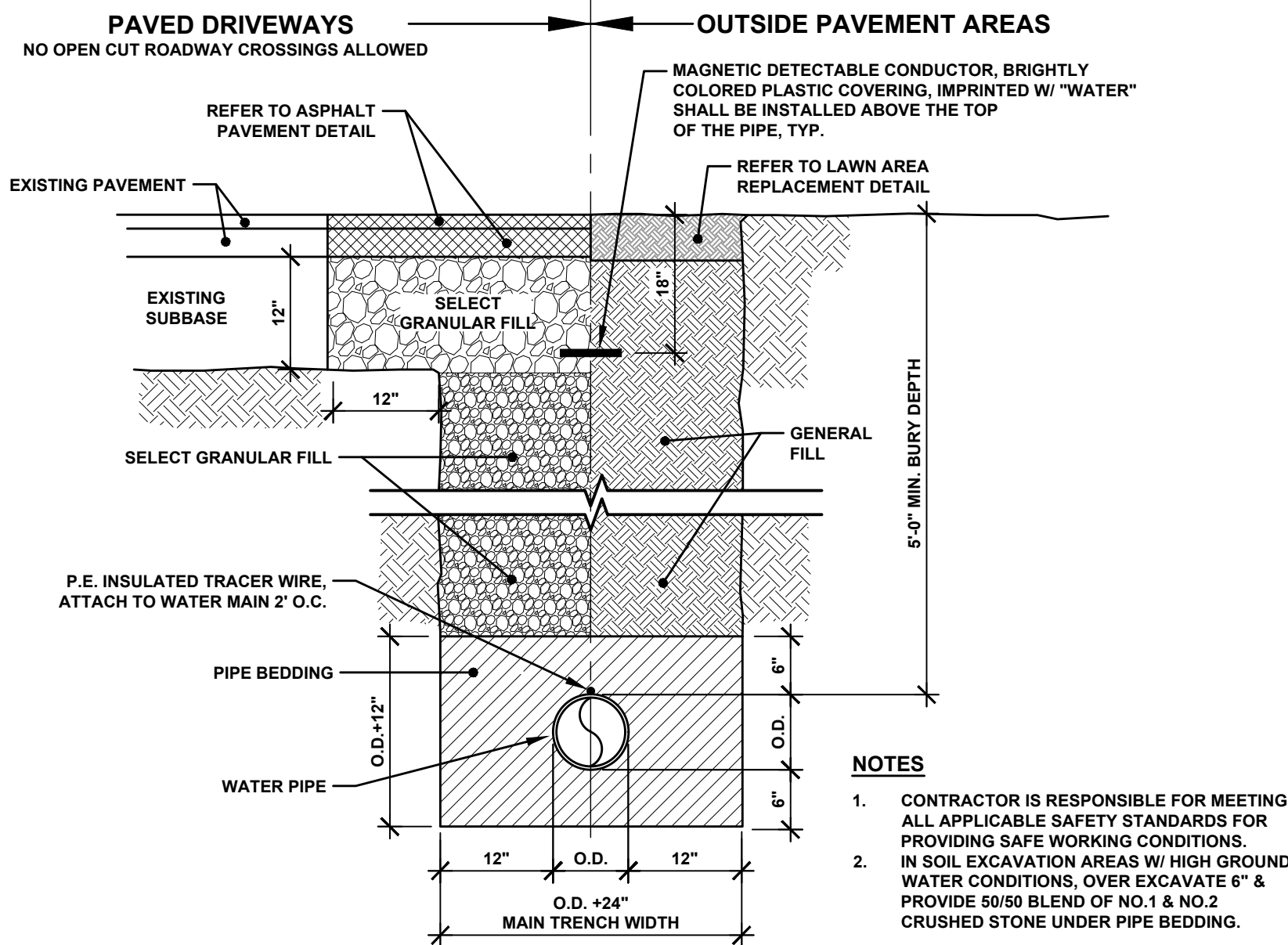
SHEET NO.

D1-3

PROJECT NO.
2020-027



WATER / SEWER CROSSING DETAIL		
CONDITION	SCHEMATIC	REQUIREMENTS
I		A) WATER MAIN AND SEWER MAIN PIPE LENGTHS TO BE CENTERED AT CROSSING. B) ENCASE PIPE BEING INSTALLED IN A WATERTIGHT STEEL CASING FOR 10'-0" EACH SIDE OF CROSSING. C) SEWER LINE TO BE AWWA WATER WORKS GRADE 150 PSI PRESSURE RATED PIPE, PRESSURE TESTED TO ENSURE WATER TIGHTNESS.
II		A) WATER MAIN AND SEWER MAIN PIPE LENGTHS TO BE CENTERED AT CROSSING. B) ENCASE PIPE BEING INSTALLED IN A WATERTIGHT STEEL CASING FOR 10'-0" EACH SIDE OF CROSSING. C) SEWER LINE TO BE AWWA WATER WORKS GRADE 150 PSI PRESSURE RATED PIPE, PRESSURE TESTED TO ENSURE WATER TIGHTNESS.
III		A) SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING.
IV		A) SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING.
LEGEND: WM - WATER MAIN WS - WATER SERVICE SL - SEWER LINE, SANITARY OR STORM NOTES: 1. IN NO CASE SHALL WATER SERVICE AND SEWER LINE BE CLOSER THAN 12" APART. 2. DISTANCES ARE MEASURED BETWEEN OUTSIDE OF PIPES. 3. ANY WATER LINE 4" OR GREATER IN DIAMETER OR IS CONSTRUCTED WITH JOINTS 20'-0" OR LESS SHALL BE CONSIDERED A "WATER MAIN". 4. CASING END SEALS TO BE NEOPRENE WITH STAINLESS STEEL BANDS. 5. CONCRETE ENCASEMENT IS NOT AN ACCEPTABLE METHOD UNLESS PRIOR APPROVAL IS OBTAINED FROM THE ENGINEER.		



MARKET SQUARE PARK - SITE DETAILS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA
ARCHITECTS
ENGINEERS

Bernier, Carr & Associates,
Engineers, Architects
and Land Surveyors, P.C.
327 Mullin Street, Watertown, NY 13601
(315) 782-8130 - WWW.THEBCGROUP.COM

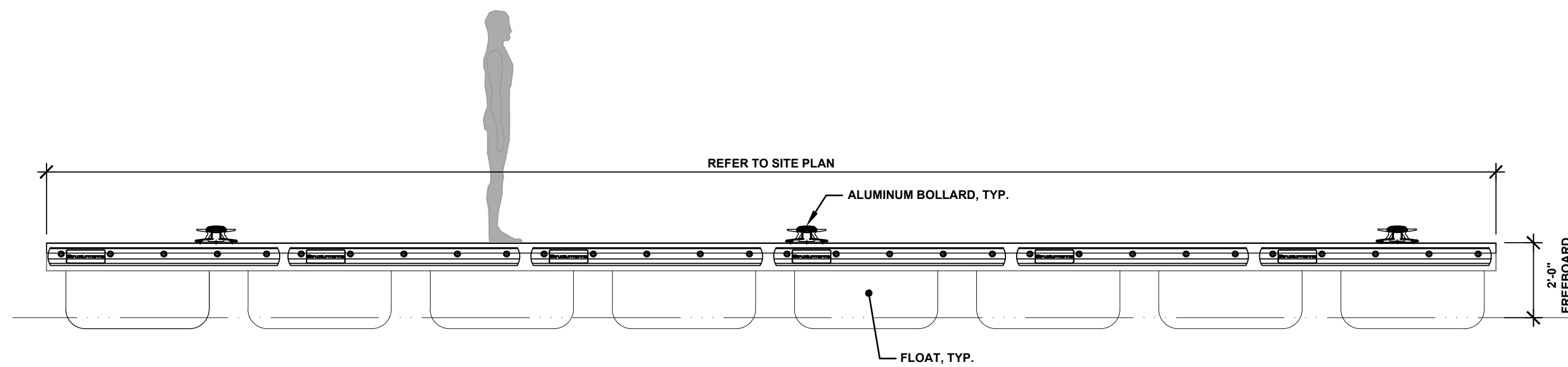
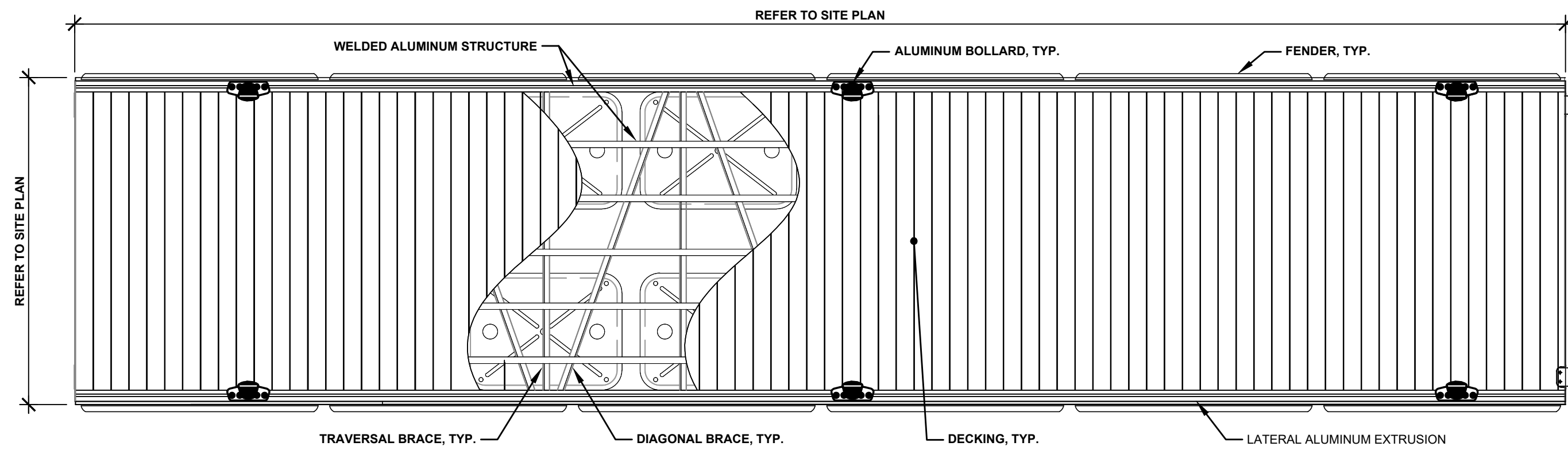
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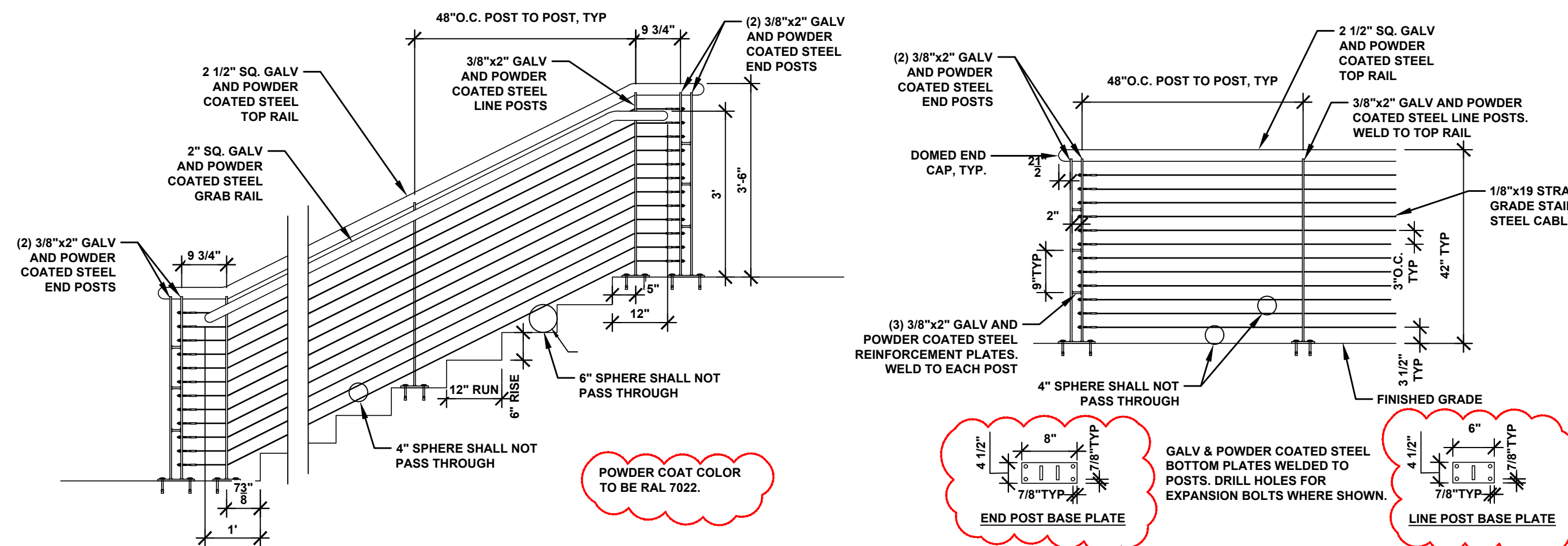
SHEET NO.

D1-4

PROJECT NO.
2020-027

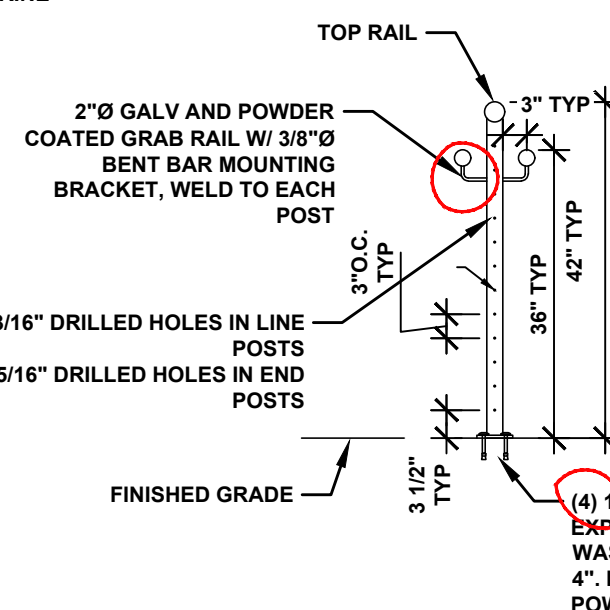


FLOATING ALUMINUM DOCK DETAILS
NOT TO SCALE

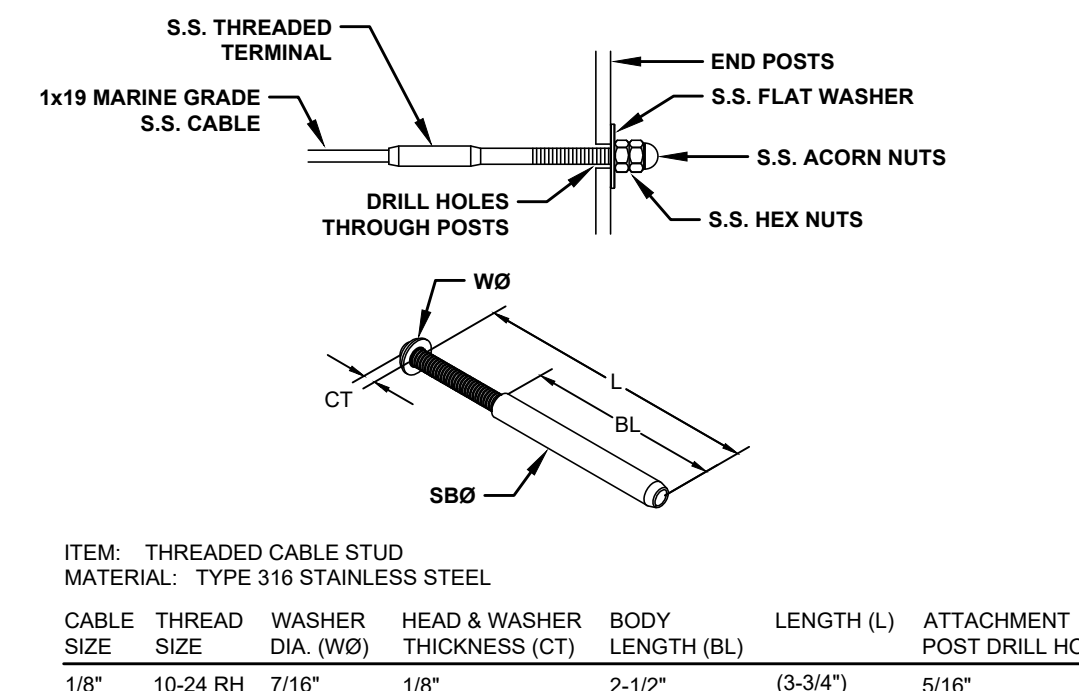


GUARDRAIL ELEVATION
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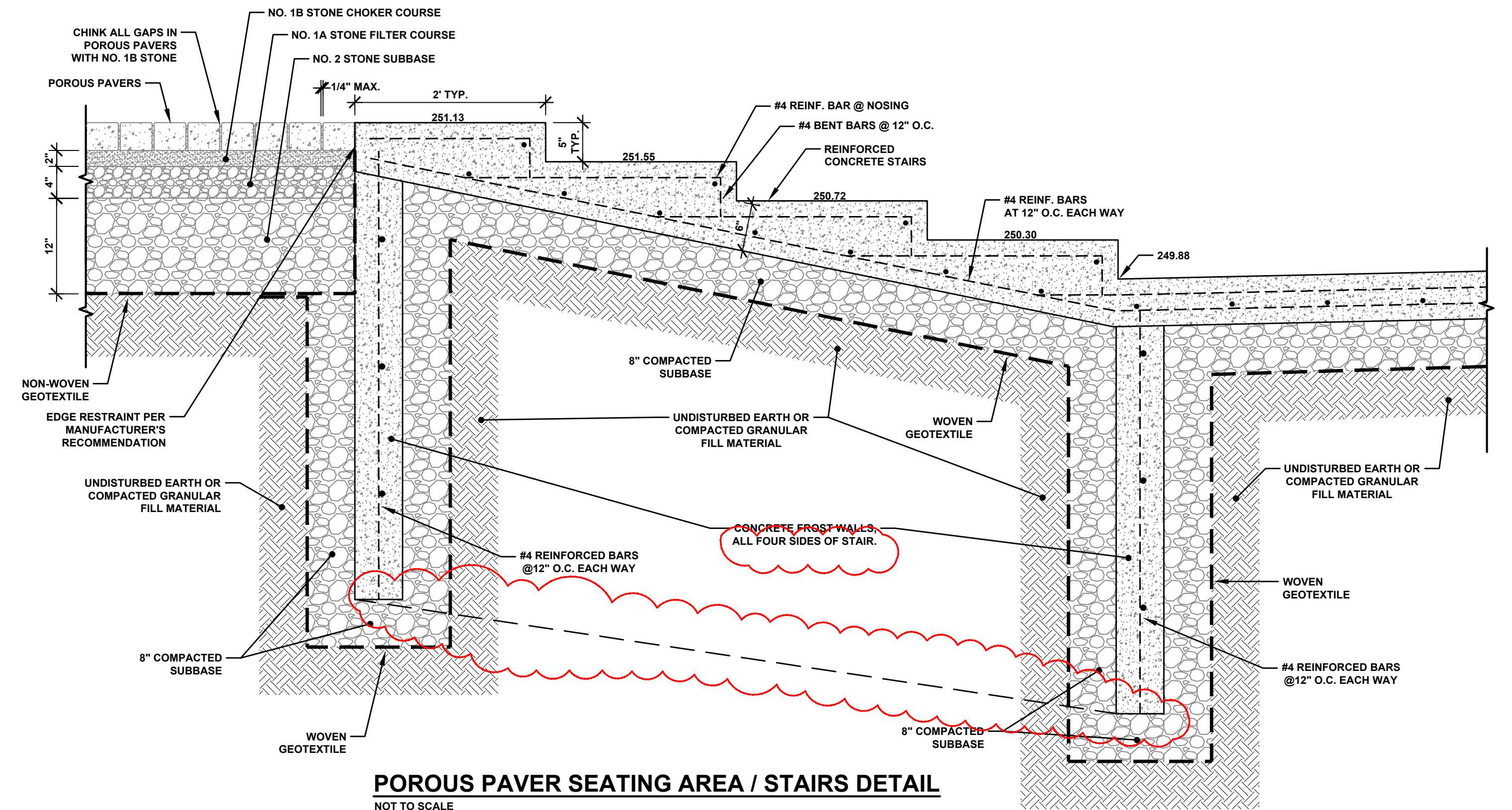
GUARDRAIL ELEVATION
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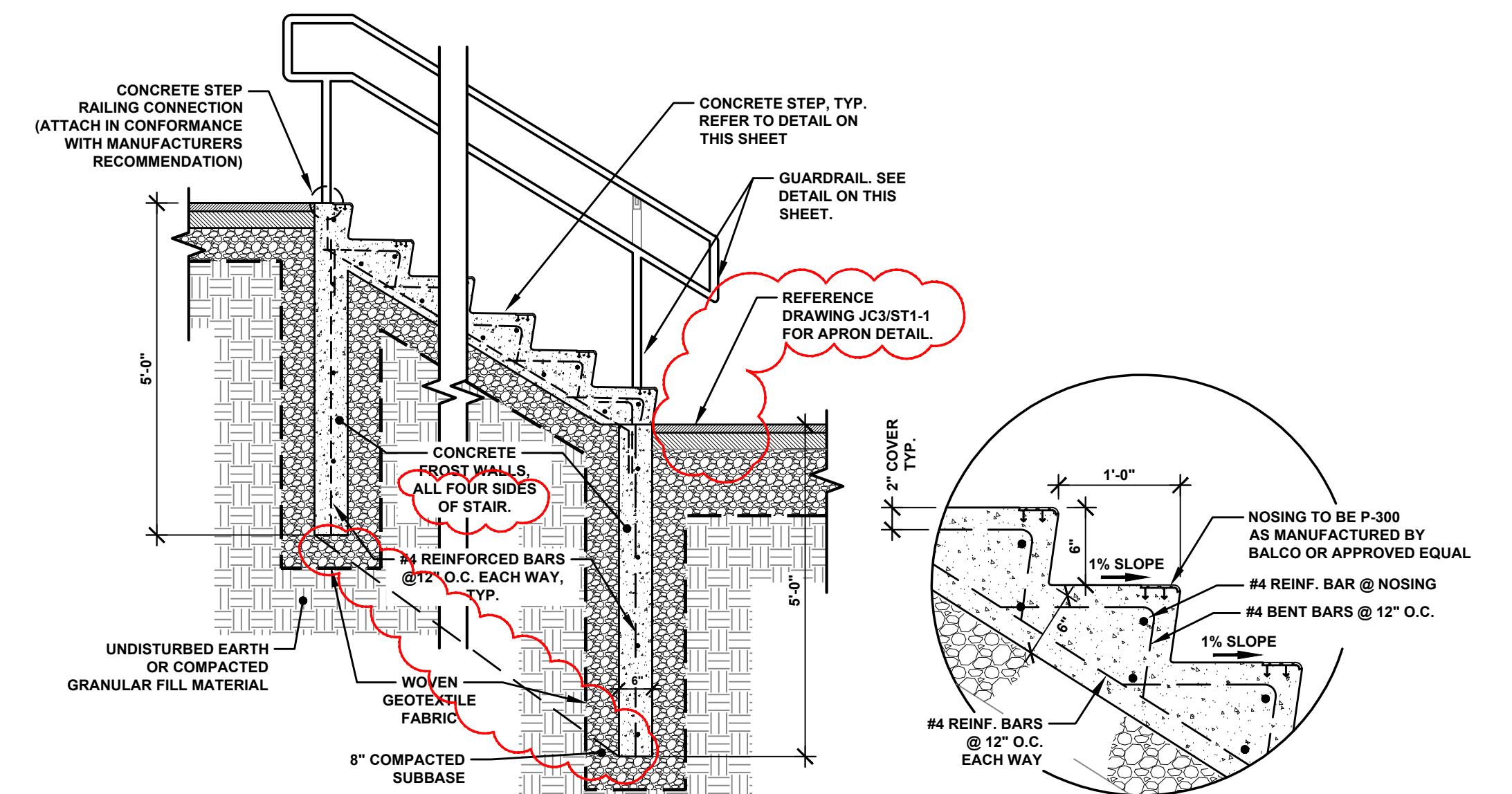
GUARDRAIL POST DETAIL
NOT TO SCALE



CABLE TERMINATION DETAIL
NOT TO SCALE



POROUS PAVER SEATING AREA / STAIRS DETAIL
NOT TO SCALE



CONCRETE STAIR SECTION
NOT TO SCALE

STEP DETAIL
NOT TO SCALE

MARKET SQUARE PARK - SITE DETAILS

VILLAGE OF SACKETS HARBOR
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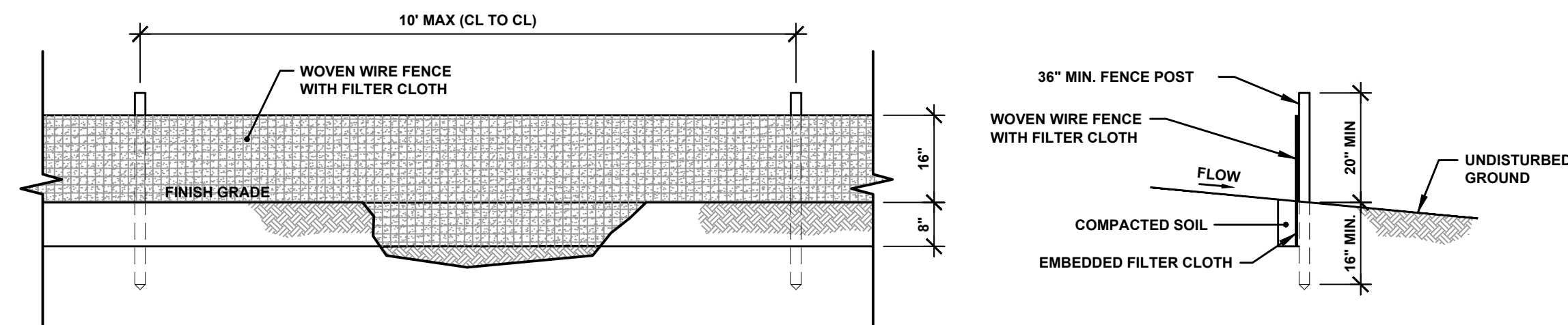
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2020-027

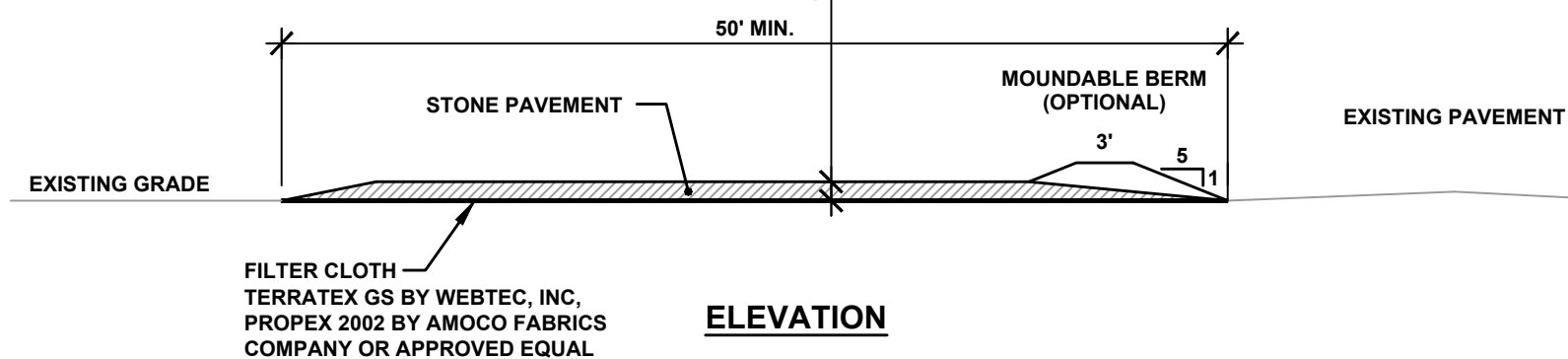


POSTS: STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
FENCE: WOVEN WIRE, 14 1/2 GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL.

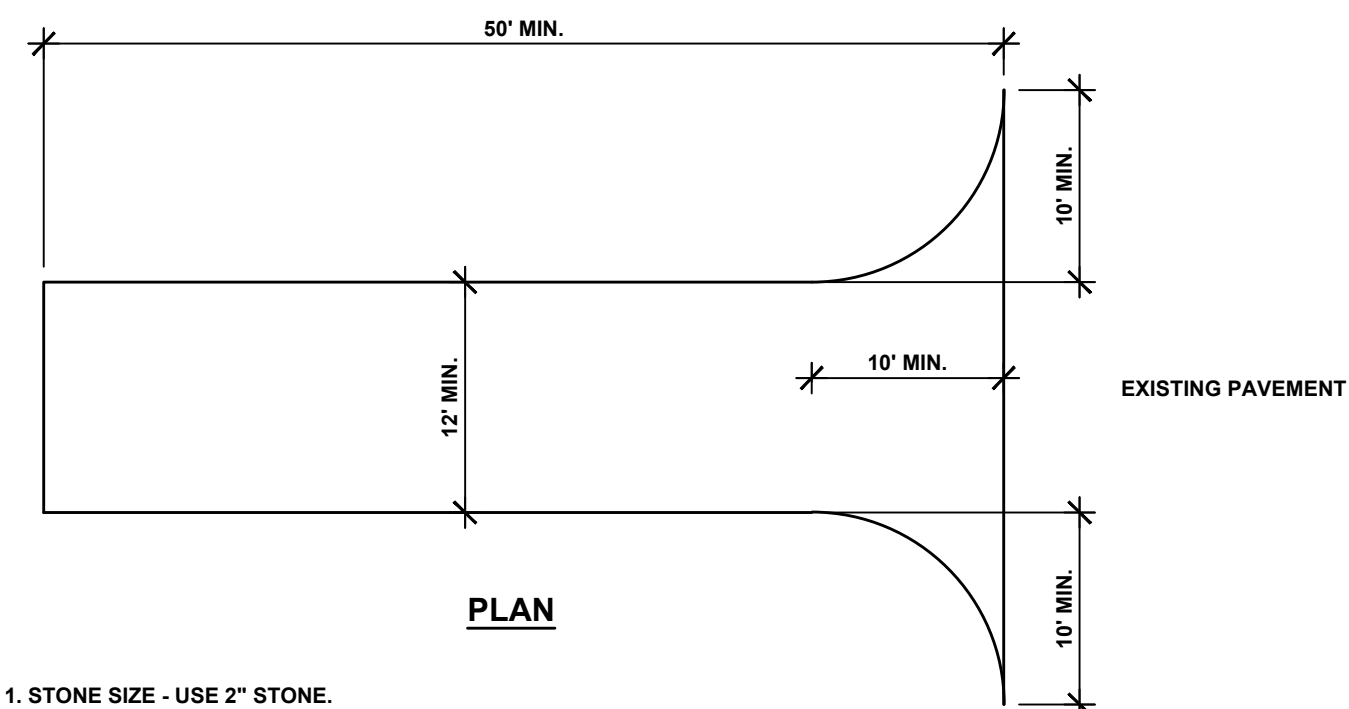
- NOTES:**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL

NOT TO SCALE



ELEVATION

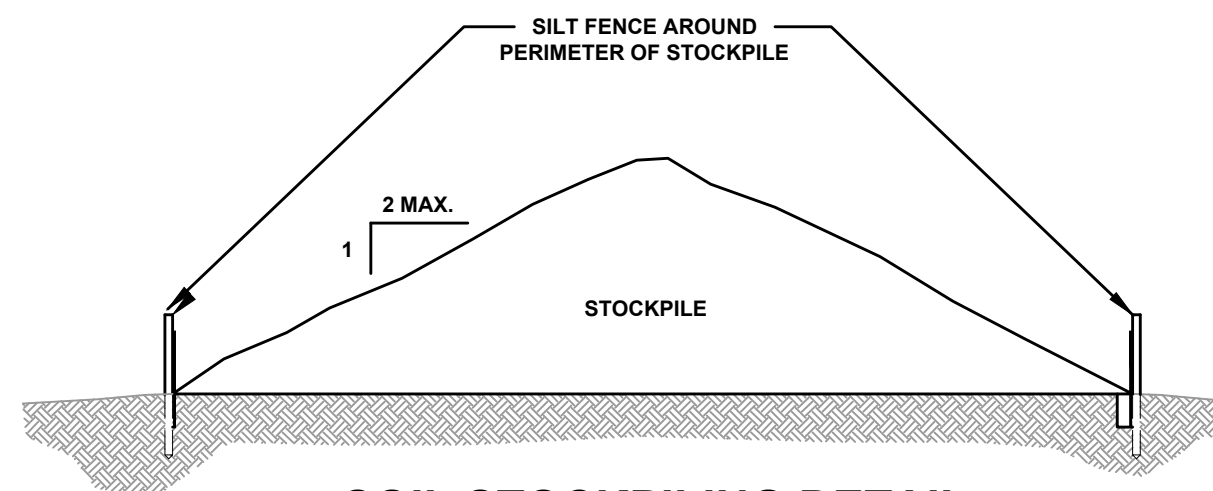


PLAN

1. STONE SIZE - USE 2" STONE.
2. LENGTH - NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FEET MINIMUM. BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS PRACTICAL, A MOUNDABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

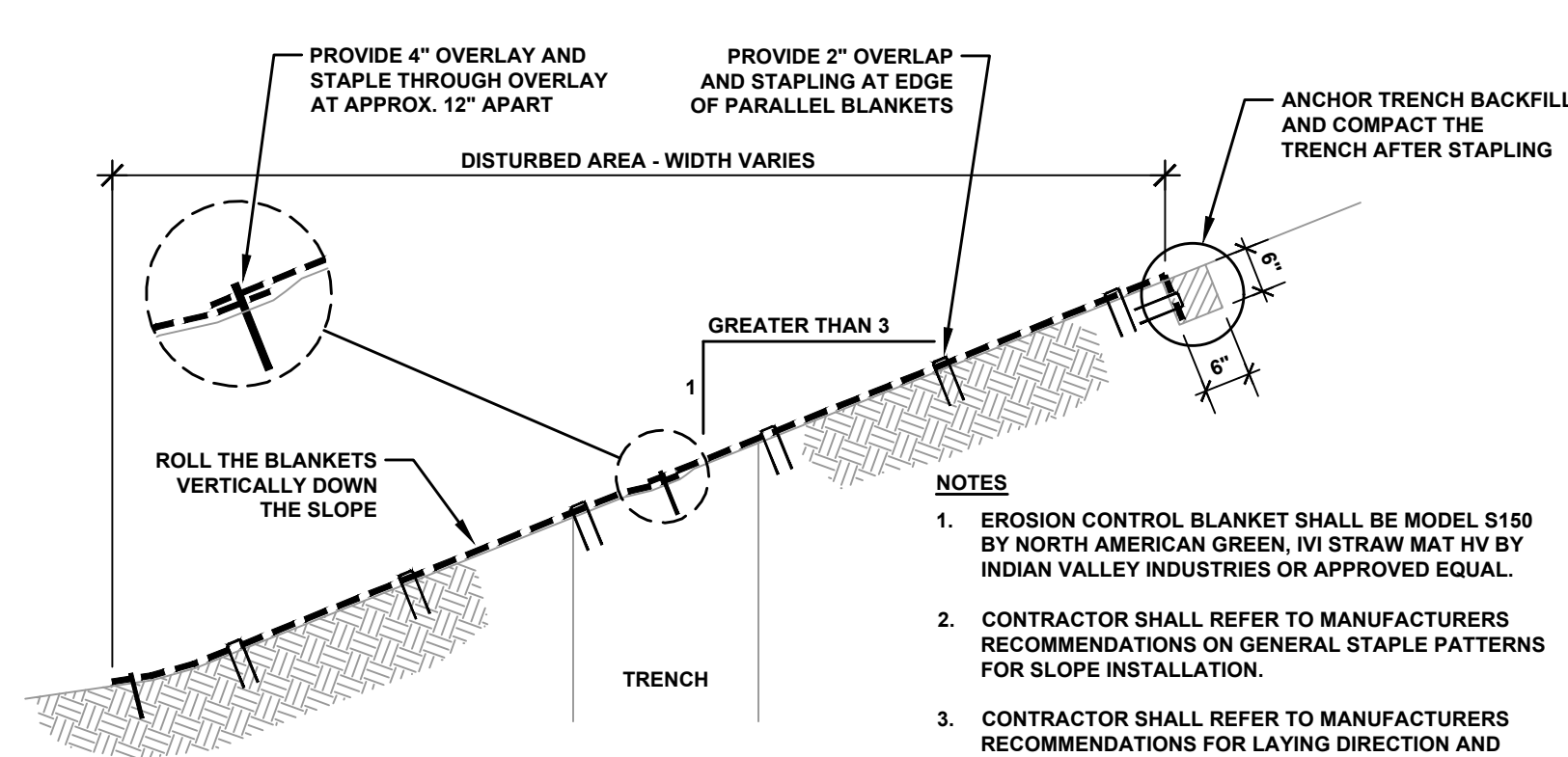


SOIL STOCKPILING DETAIL

NOT TO SCALE

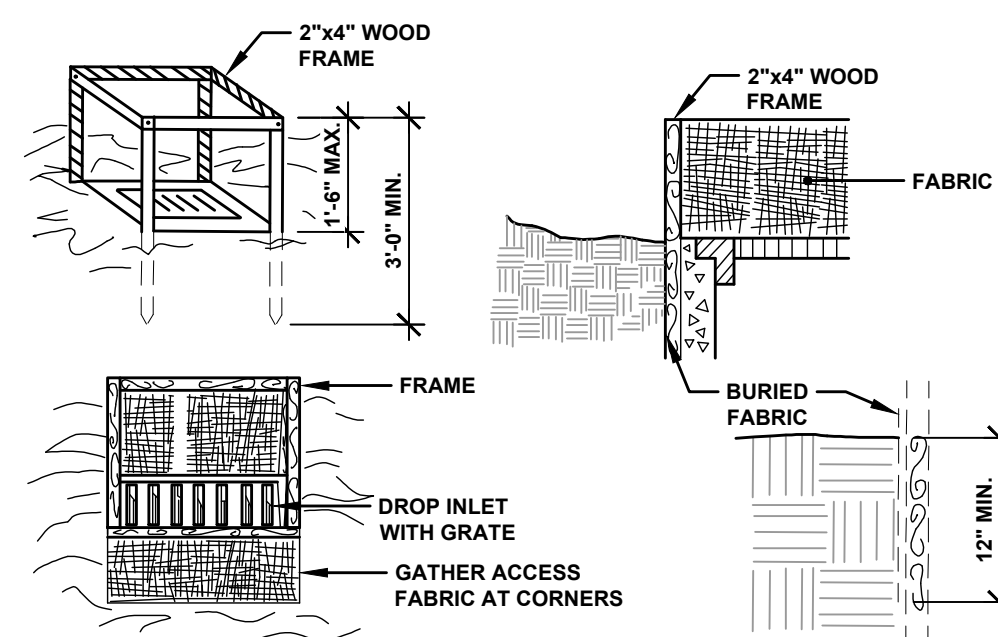
STORMWATER POLLUTION PREVENTION NOTES:

- THERE SHALL NOT BE MORE THAN FIVE (5) ACRES OF DISTURBED SOIL AT ANY ONE TIME.
- DISTURBED AREAS WITHIN THE NYSDOT HIGHWAY RIGHT-OF-WAY SHALL BE PROTECTED FROM EROSION WITHIN 7 DAYS, ALL OTHER AREAS SHALL BE PROTECTED WITHIN 14 DAYS.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON DISTURBED AREAS WITH 3:1 OR GREATER SLOPE OR IN CONCENTRATED FLOW PATHS.
- CONTRACTOR SHALL PREPARE AND CONTINUOUSLY UPDATE A CONSTRUCTION PHASING PLAN.
- CONTRACTOR SHALL PROVIDE LOCATIONS OF OFF-SITE MATERIAL, WASTE, BORROW OR EQUIPMENT.
- SOIL AND STONE STOCKPILES SHALL BE PROTECTED FROM EROSION. WHEN STOCKPILES ARE IN USE, THE PROTECTION SHALL BE REPLACED AT THE END OF EACH WORK DAY.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT STAGING AREAS TO PREVENT TRACKING SEDIMENT ONTO PUBLIC RIGHT-OF-WAY OR STREETS.
- CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND AFTER ALL RAINFALL EVENTS.
- CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES UNTIL PERMANENT RESTORATION IS ESTABLISHED.



EROSION CONTROL BLANKET DETAIL

NOT TO SCALE

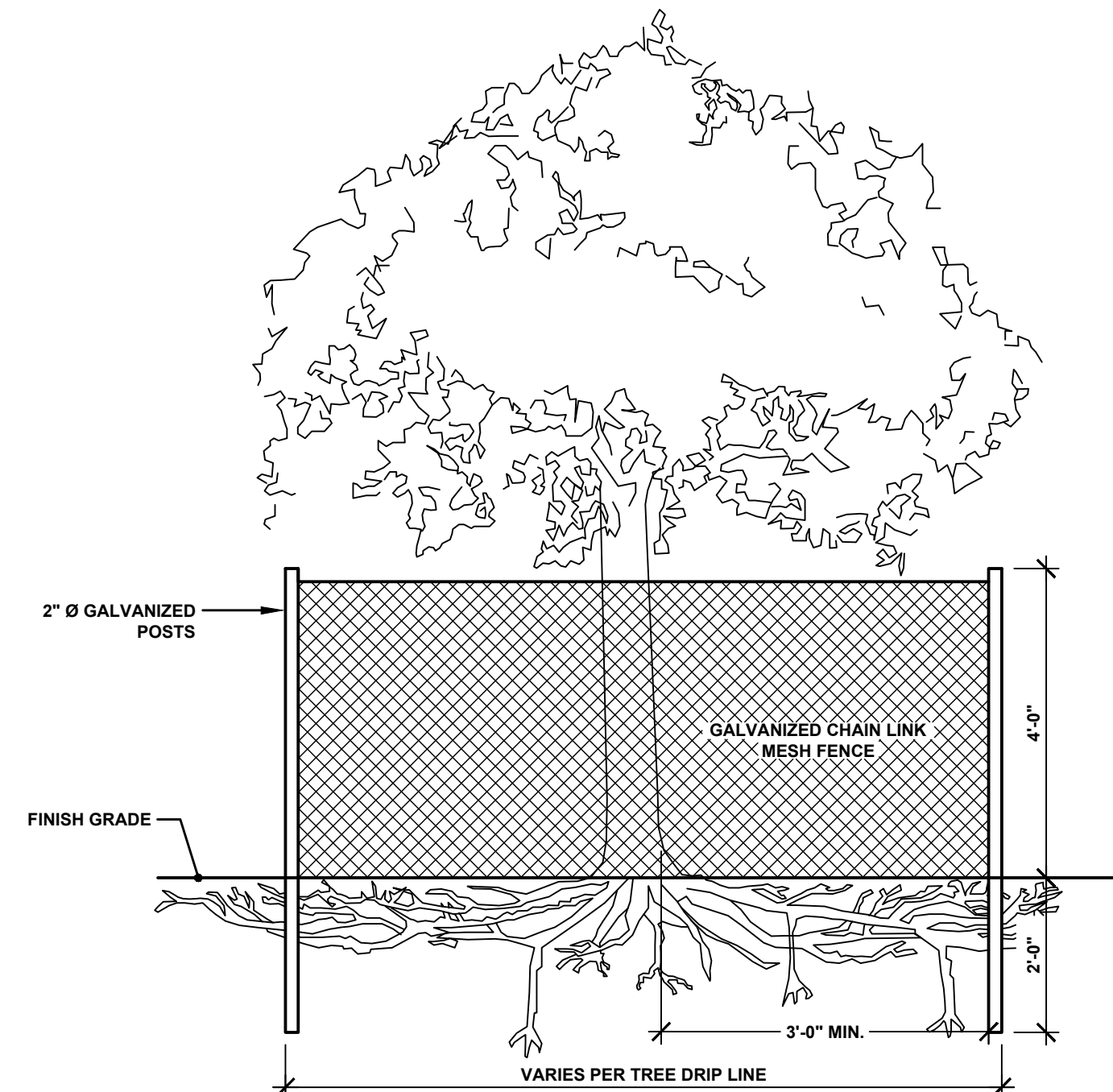


FABRIC DROP INLET PROTECTION DETAIL

NOT TO SCALE

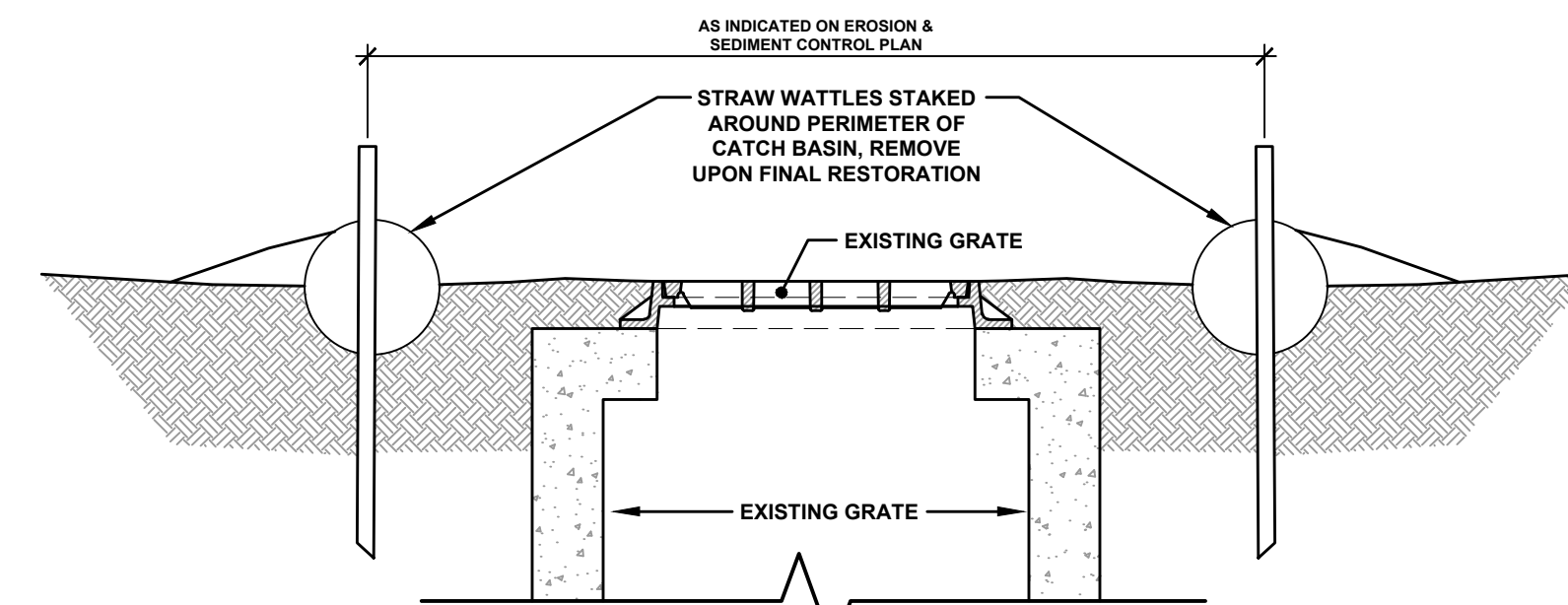
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2"x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
4. SPACE STAKES EVENLY AROUND INLET 3' APART AND DRIVE A MINIMUM 18" DEEP. SPANS GREATER THAN 3' MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1" MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE



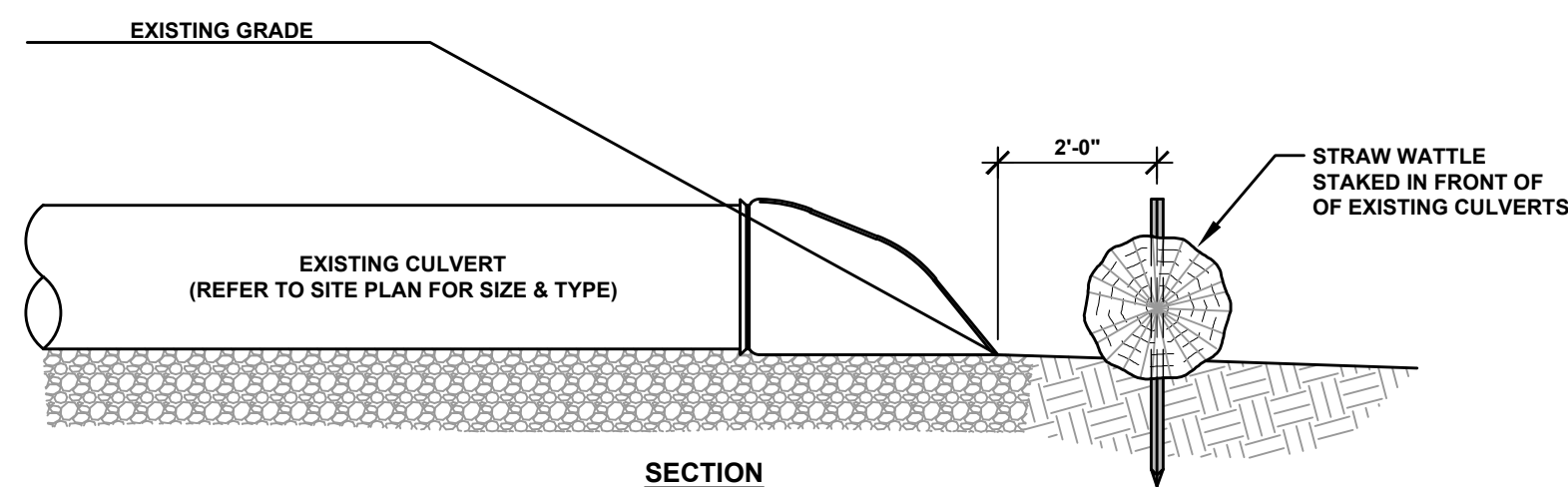
EXISTING TREE PROTECTION

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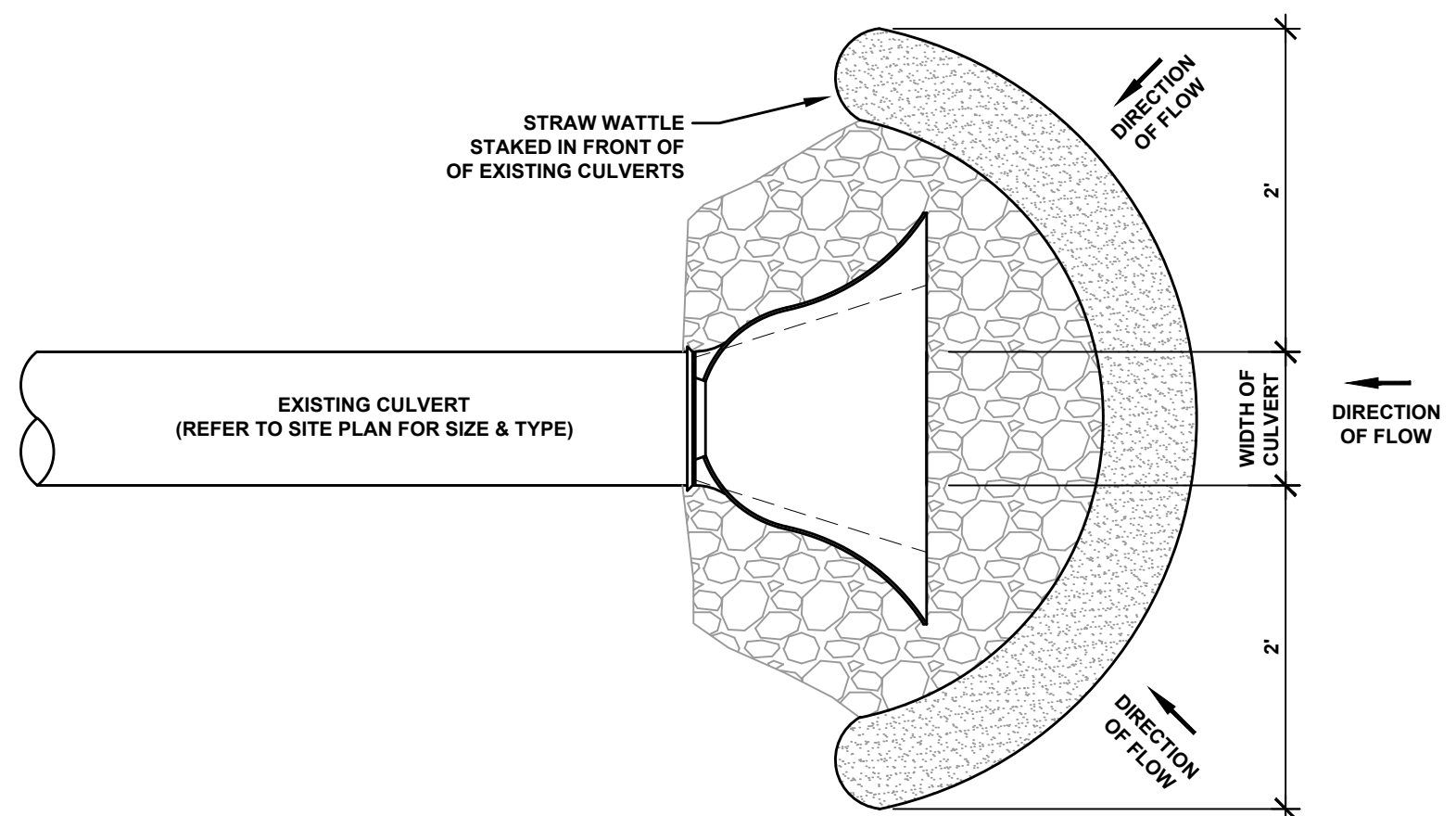


TEMPORARY CATCH BASIN INLET PROTECTION DETAIL

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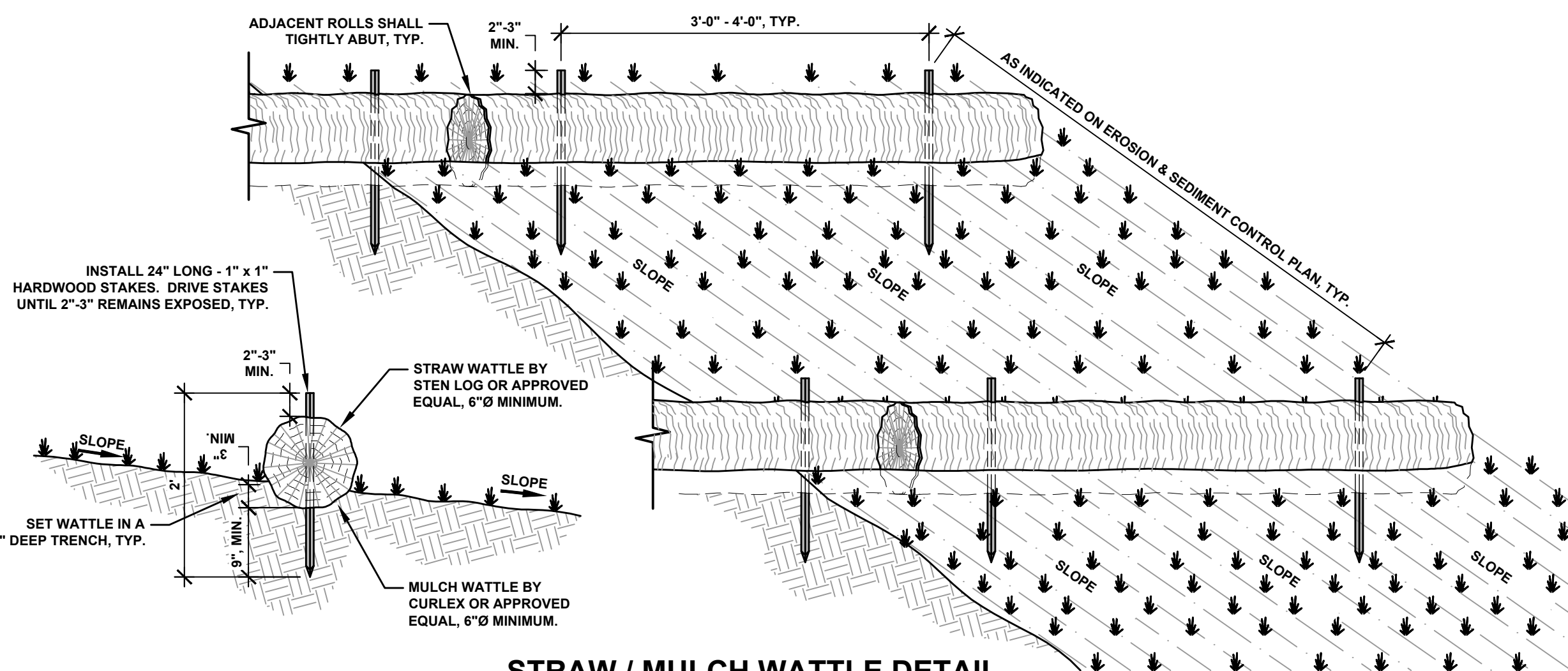


SECTION



TEMPORARY CULVERT INLET PROTECTION DETAIL

NOT TO SCALE



STRAW / MULCH WATTLE DETAIL

NOT TO SCALE

MARKET SQUARE PARK - SITE DETAILS

VILLAGE OF SACKETS HARBOR MARKET SQUARE PARK REDI IMPROVEMENTS & REHABILITATION

COUNTY OF JEFFERSON - STATE OF NEW YORK

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2020-027

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USER = jwp-1ej

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GENERAL NOTES

1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES


1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
	U.S. CUSTOMARY STANDARD SHEET	
	WORK ZONE TRAFFIC CONTROL GENERAL NOTES	
APPROVED SEPTEMBER 18, 2008		ISSUED UNDER EB 08-036
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY		619-10
EFFECTIVE DATE: 01/08/09		

MARKET SQUARE PARK - WORK ZONE TRAFFIC CONTROL GENERAL NOTES		<div>BCA ARCHITECTS ENGINEERS</div>	<div>Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 327 Mullin Street, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM <div>COPYRIGHT 2022 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT IS A VIOLATION UNDER THE NEW YORK STATE EDUCATION LAW FOR ANY UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT AS PER ARTICLE 145 AND 147. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE & NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.</div></div>		CHECKED BY:	CGR	SHEET NO.	
<div>VILLAGE OF SACKETS HARBOR MARKET SQUARE PARK REDI IMPROVEMENTS & REHABILITATION COUNTY OF JEFFERSON - STATE OF NEW YORK</div>					DRAWN BY:	JBE	<div>WZ1-1</div>	
					DATE:	05/06/2022		
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11 EXISTING BEADBOARD CEILING
SCALE: 12" = 1'-0"



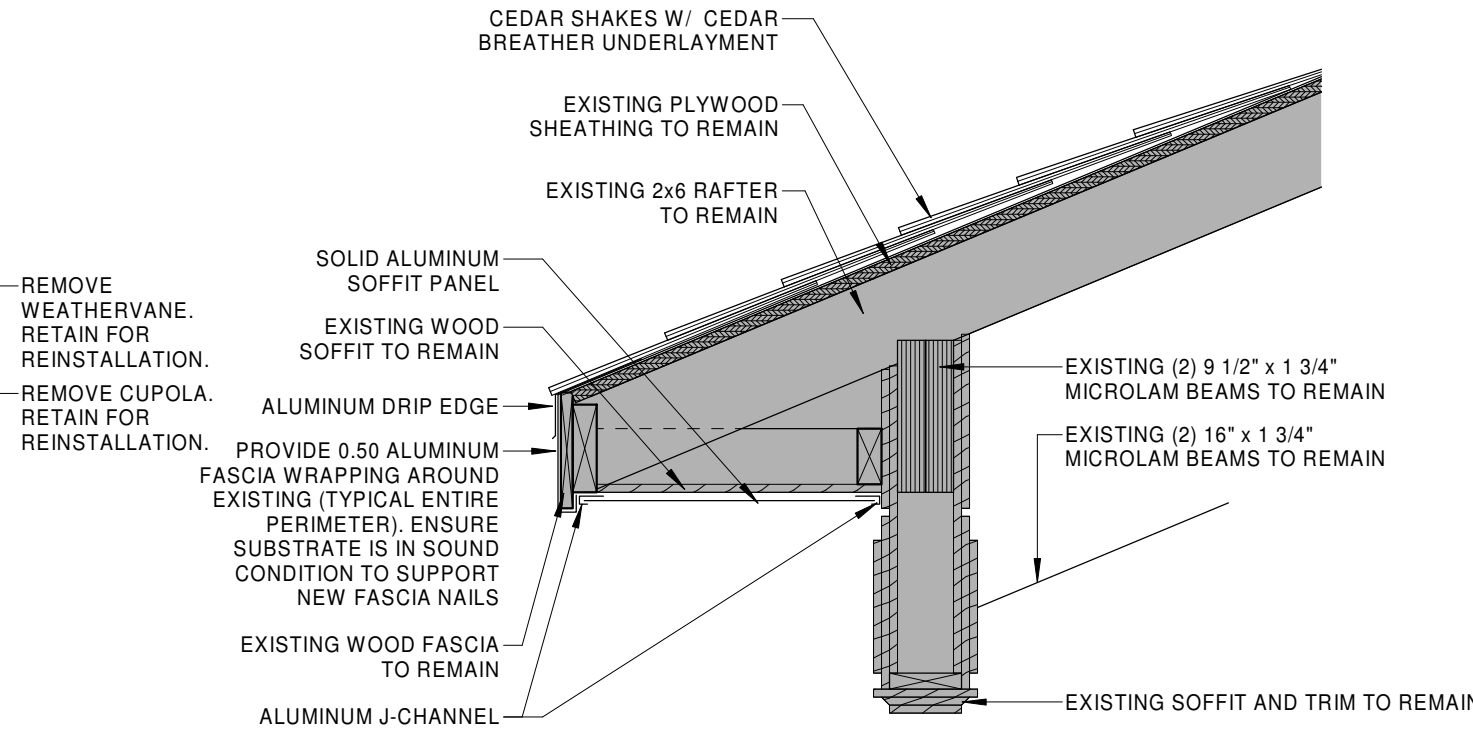
12 EXISTING WEATHERVANE AND CUPOLA
SCALE: 12" = 1'-0"



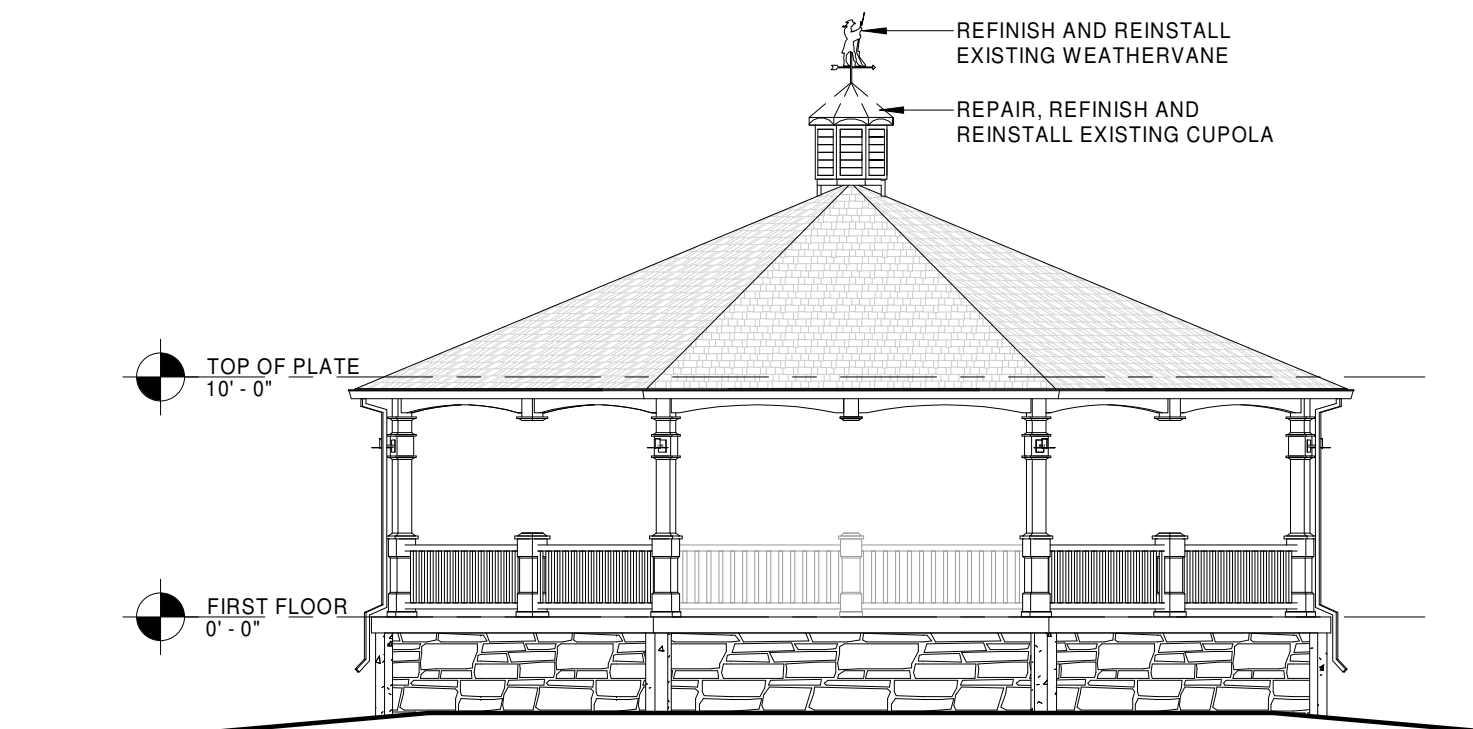
13 EXISTING COLUMN LIGHT FIXTURE
SCALE: 12" = 1'-0"



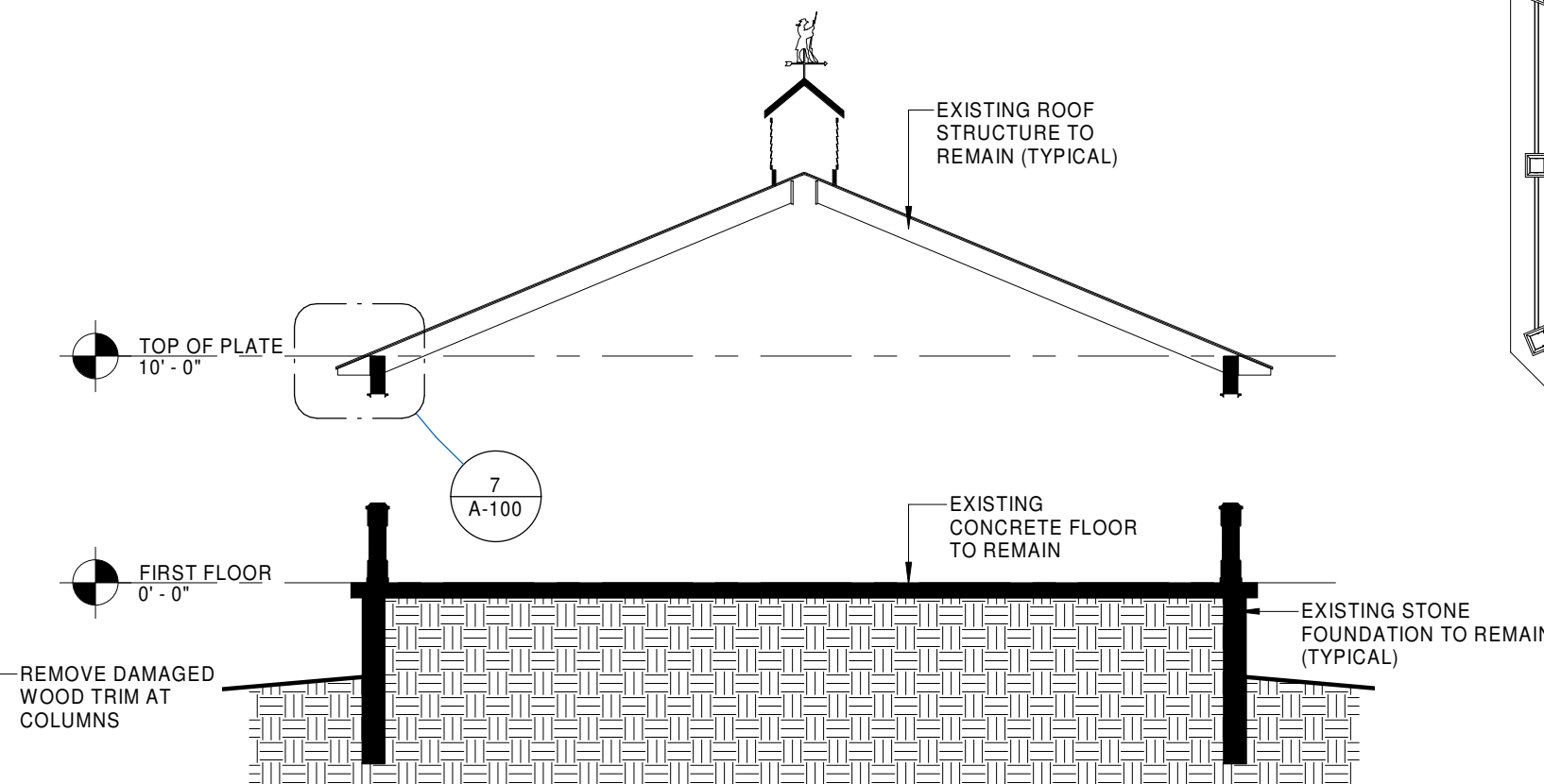
14 EXISTING COLUMN BASE
SCALE: 12" = 1'-0"



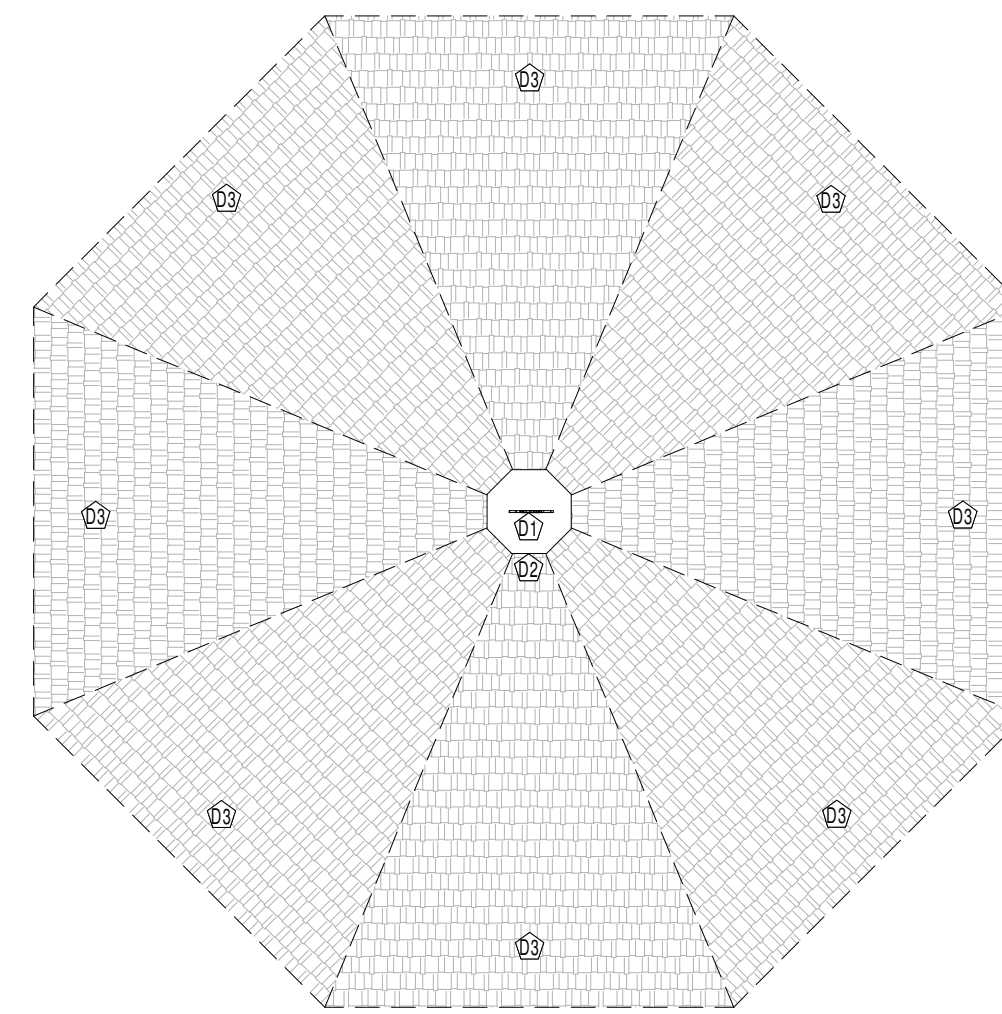
7 ALUMINUM WRAP FASCIA AND SOFFIT
SCALE: 1" = 1'-0"



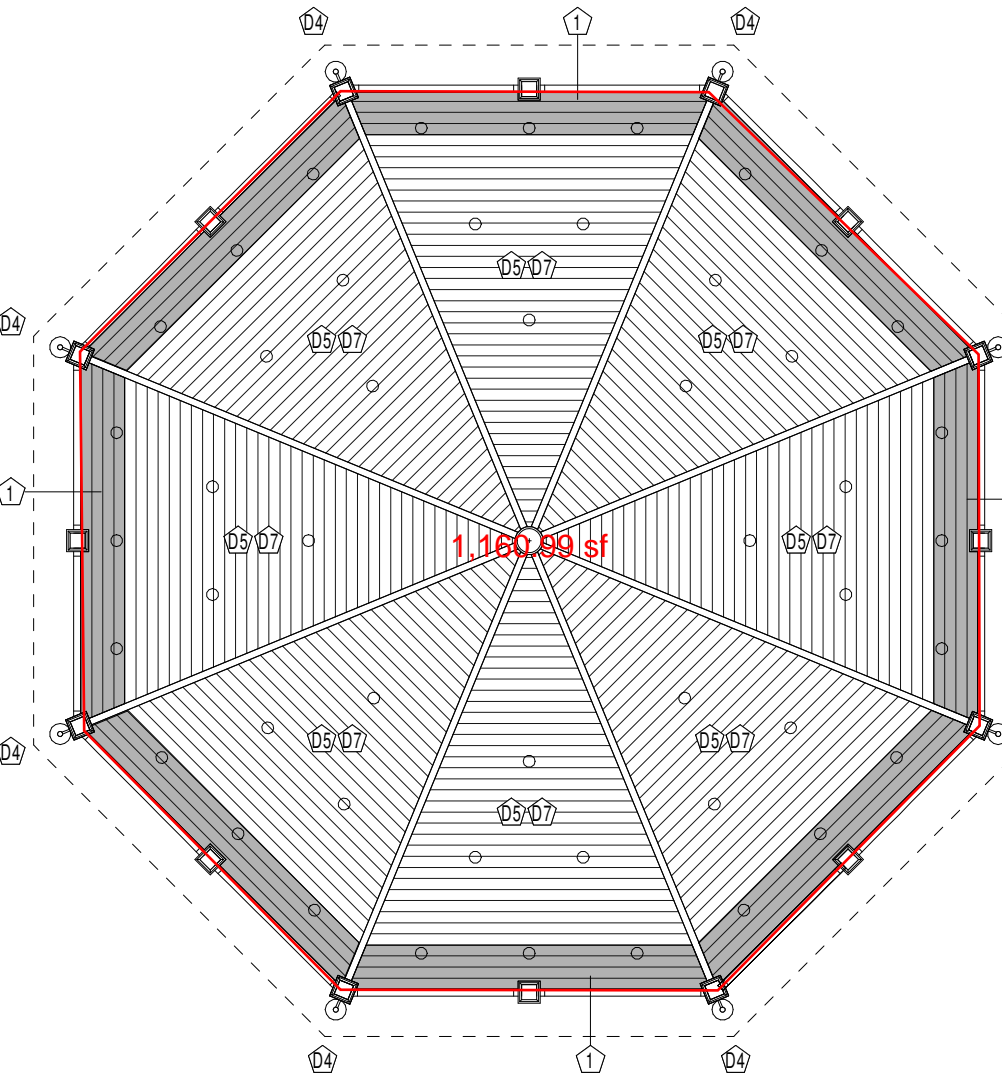
8 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



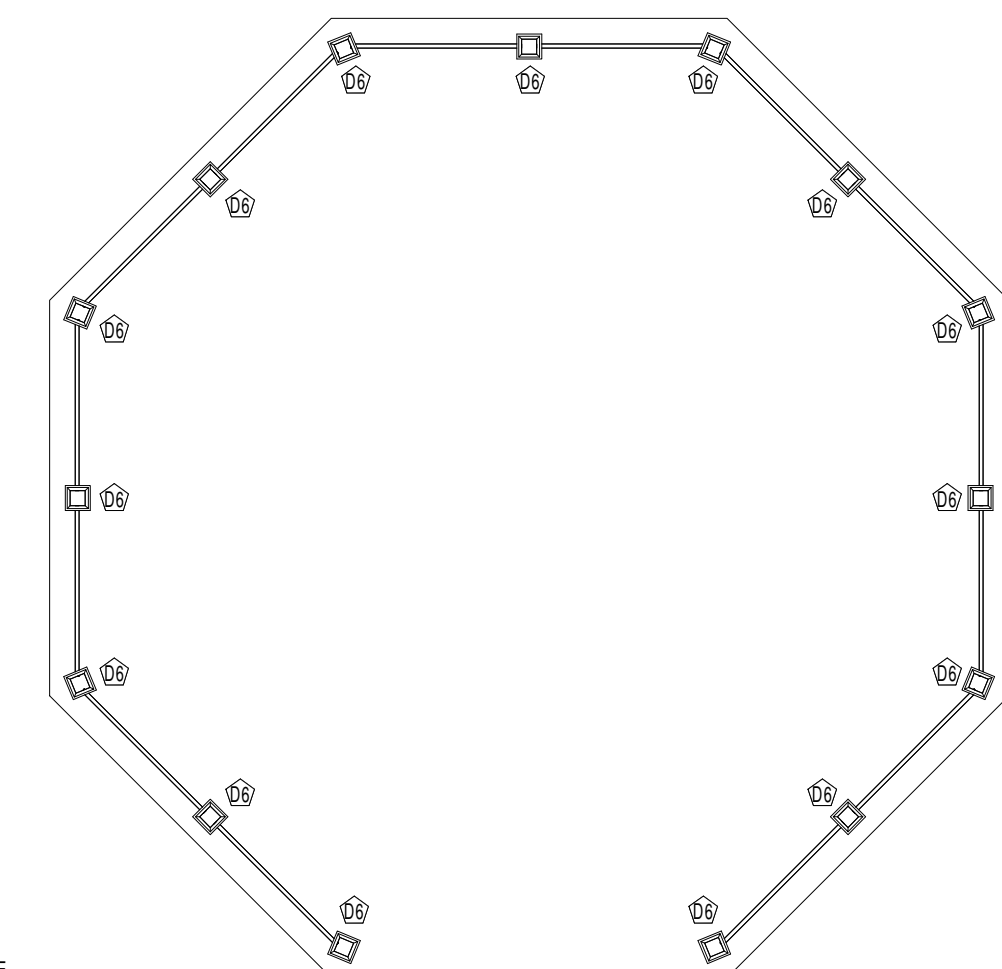
9 BUILDING SECTION
SCALE: 1/8" = 1'-0"



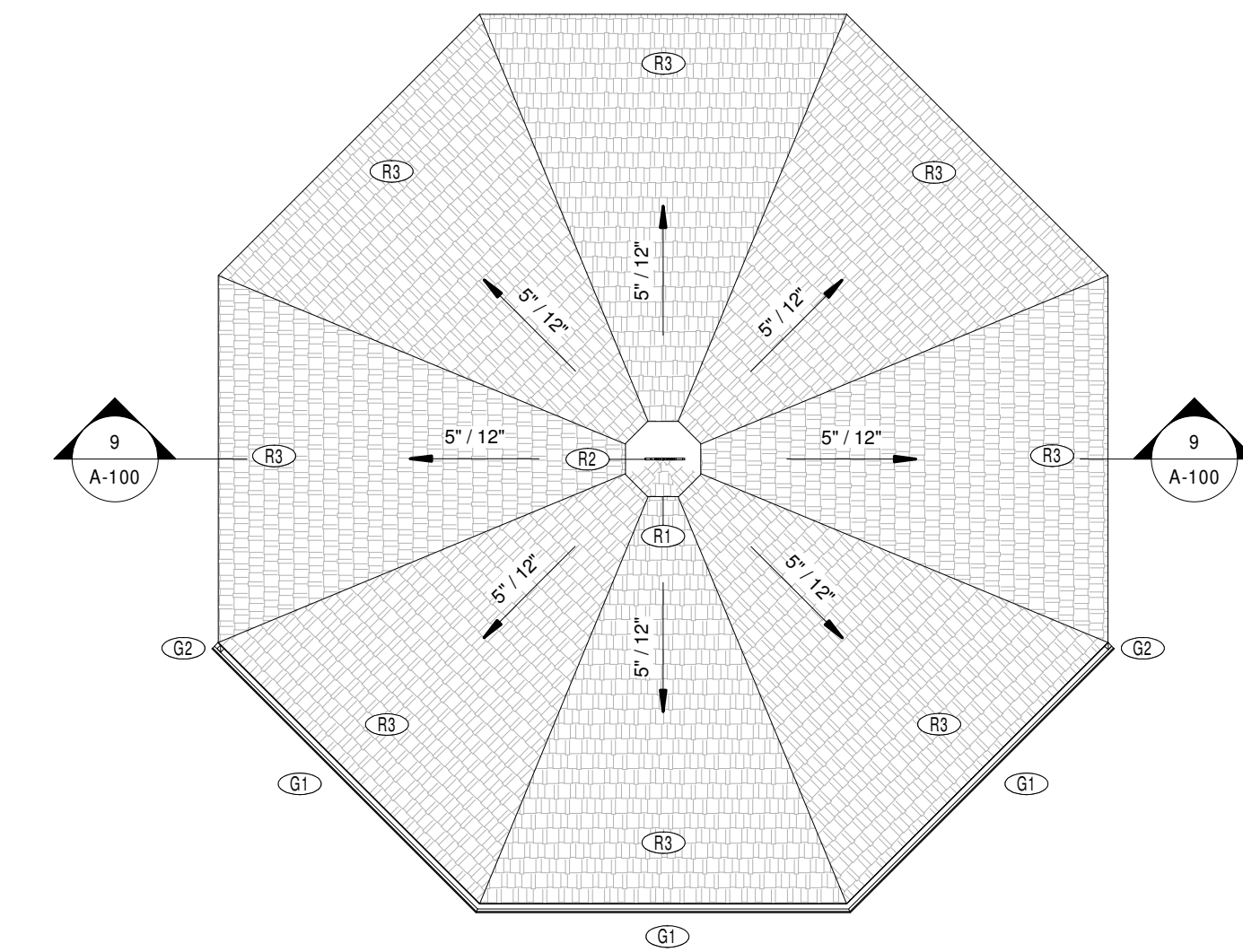
4 ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



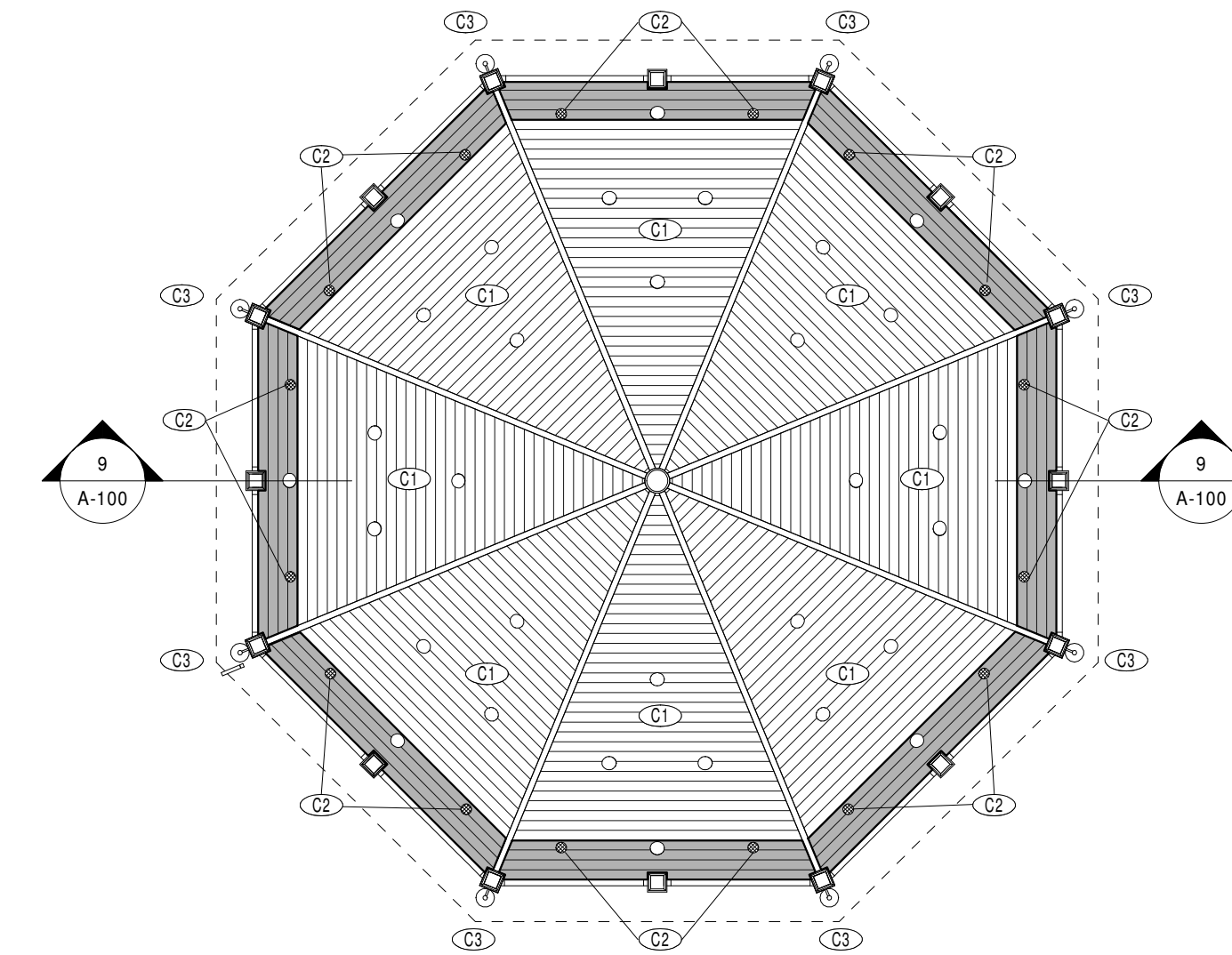
5 CEILING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



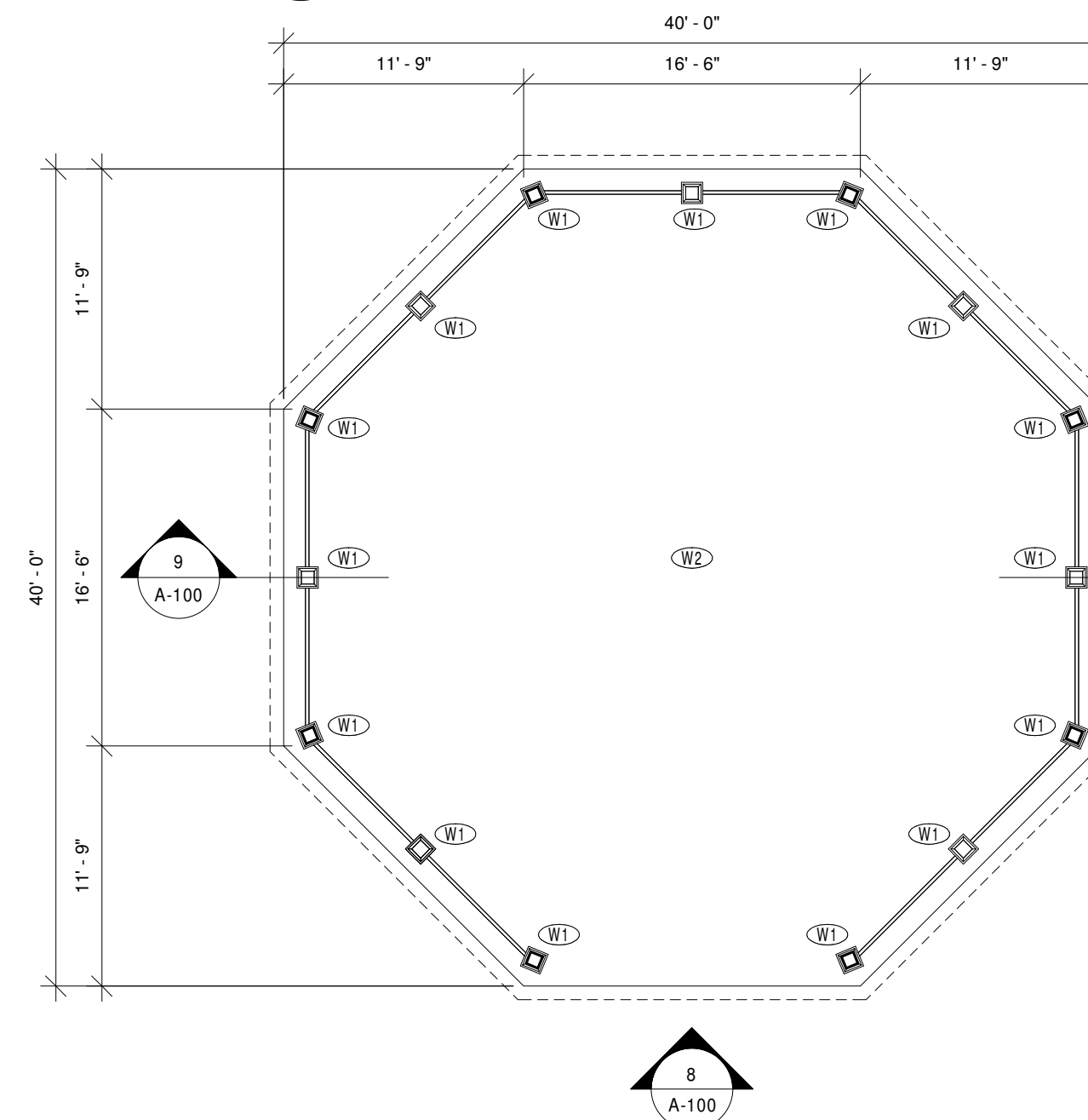
6 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



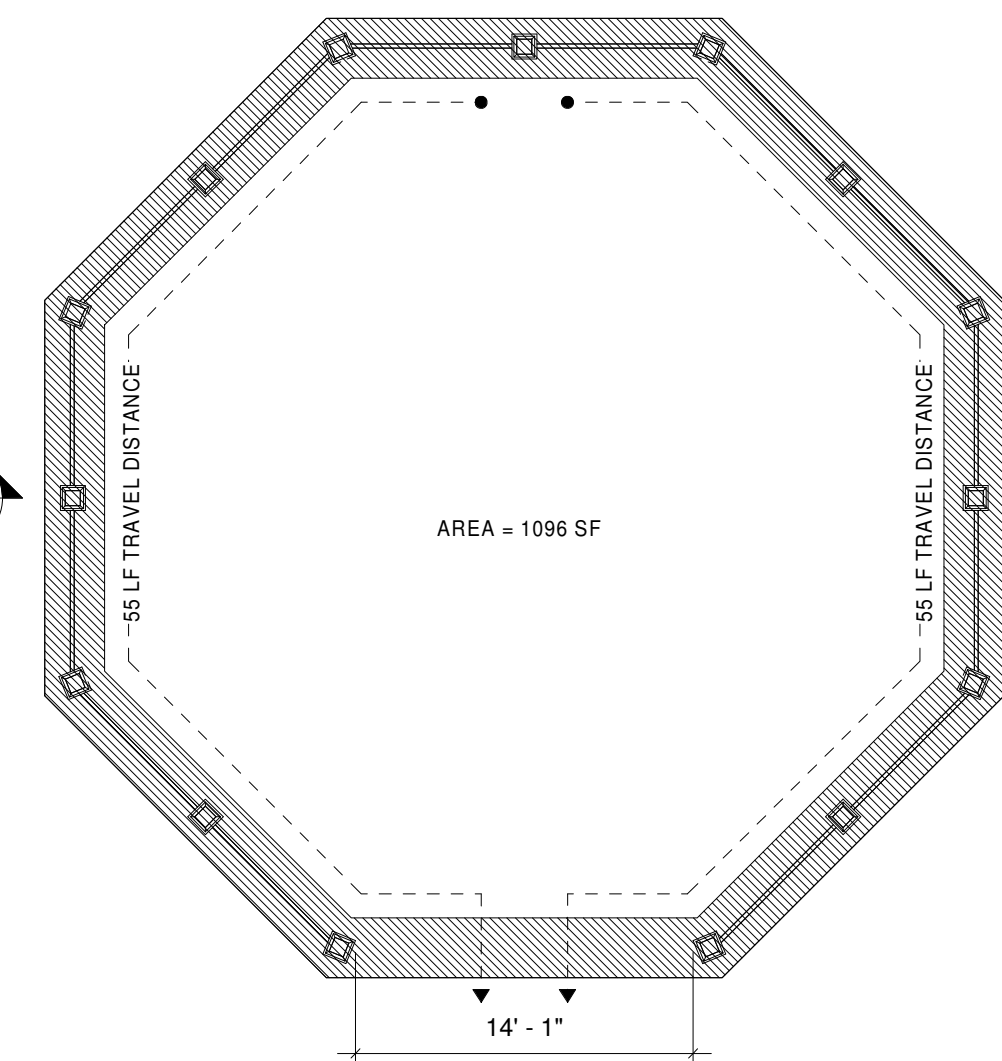
1 ROOF PLAN
SCALE: 1/8" = 1'-0"



2 CEILING PLAN
SCALE: 1/8" = 1'-0"



3 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



10 FIRST FLOOR CODE COMPLIANCE PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION KEYNOTES	
KEY VALUE	KEYNOTE DESCRIPTION
D1	CAREFULLY REMOVE WEATHERVANE IN ITS ENTIRETY. RETAIN FOR REFINISHING AND REINSTALLATION. SEE PHOTO 12/A-100.
D2	CAREFULLY REMOVE CUPOLA IN ITS ENTIRETY. RETAIN FOR REPAIR AND REFINISHING PRIOR TO REINSTALLATION. SEE PHOTO 12/A-100.
D3	REMOVE EXISTING ROOF SHINGLES/SHAKES AND UNDERLAYMENT DOWN TO EXISTING SHEATHING.
D4	COORDINATE WITH ELECTRICAL DRAWINGS FOR REMOVAL OF EXISTING COLUMN MOUNTED LIGHT FIXTURES (TYPICAL OF 8 FIXTURES).
D5	COORDINATE WITH ELECTRICAL DRAWINGS FOR REMOVAL OF EXISTING RECESSED LIGHT FIXTURES. (TYPICAL OF 48 FIXTURES).
D6	INSPECT AND REMOVE ALL DETERIORATED OR DAMAGED WOOD TRIM AT COLUMNS, NEWEL POSTS, AND RAILINGS.
D7	FILL HOLES, AND REMOVE EXISTING FINISH FROM BEADBOARD CEILING. SURFACE SHOULD BE SANDED SMOOTH AND FREE OF DEFECTS BEFORE FINISH IS APPLIED.
NEW WORK KEYNOTE LEGEND	
KEY VALUE	KEYNOTE DESCRIPTION
1	ALTERNATE - GRAY HATCHED AREA INDICATES APPROXIMATE AREA OF BEADBOARD TO BE CAREFULLY REMOVED AND REPLACED IN KIND. THIS WILL ELIMINATE THE NEED FOR COVERS OVER LIGHT FIXTURE PENETRATIONS THAT ARE NOT SCHEDULED FOR REPLACEMENT. NEW BEADBOARD SHALL BE FINISHED TO MATCH EXISTING.
C1	PROVIDE MINIMUM 2 COATS OF EXTERIOR GRADE POLYURETHANE.
C2	PROVIDE COVERS FOR EXISTING LIGHT FIXTURE LOCATIONS THAT ARE NOT SCHEDULED TO RECEIVE NEW LIGHT FIXTURE.
C3	COORDINATE WITH ELECTRICAL DRAWINGS FOR NEW LIGHT FIXTURE LAYOUT AND SCHEDULE.
G1	PROVIDE 5/8" OGGEE PROFILE ALUMINUM BUTTER TO MATCH ALUMINUM SOFFIT WRAP. PROVIDE ALL NECESSARY BRACKETS, FLASHING, CONNECTIONS, ETC AS REQUIRED FOR COMPLETE INSTALLATION.
G2	PROVIDE DOWNSPOUTS DRAINING TO DAYLIGHT.
R1	REFINISH AND REINSTALL CUPOLA AFTER COMPLETION OF ROOF SURFACE REPLACEMENT.
R2	WEATHERVANE TO BE REFINISHED AND REINSTALLED.
R3	PROVIDE CEDAR SHAKE SHINGLES WITH CEDAR BREATHER UNDERLAYMENT INSTALLED PER MANUFACTURER INSTRUCTIONS.
W1	PROVIDE WOOD TRIM WHERE EXISTING WAS REMOVED DUE TO DETERIORATION/DAMAGE. PROVIDE MINIMUM 1/4" SHIMS AT THE BASE OF ALL COLUMNS AND NEWEL POSTS TO PREVENT MOISTURE ENTRAPMENT. TRIM SIZE AND PROFILES TO MATCH EXISTING.
W2	PROPERLY PREPARE, PRIME AND FINISH PAINT ALL COLUMNS, HANDRAILS (TOP AND BOTTOM), BALASTERS, NEWEL POSTS, BEAMS, ETC. FOR COMPLETE PAINT REFRESH.
BUILDING CODE COMPLIANCE INFORMATION AS PER ADOPTED CODE ON NYS (2020 EDITION)	
I. SCOPE *PROJECT INVOLVES RENOVATIONS AND ALTERATIONS TO EXISTING BUILDING. WORK WILL INVOLVE CHAPTER 6 THE EXISTING BUILDING CODE OF NEW YORK STATE. AREA OF ALTERATIONS-LEVEL 1 (CHAPTER 6)	
II. OCCUPANCY CLASSIFICATION * PRIMARY OCCUPANCY = (GROUP A-5) - ASSEMBLY USES INTENDED FOR PARTICIPATION IN OR VIEWING OUTDOOR ACTIVITIES.	
III. CONSTRUCTION CLASSIFICATION BANDSTAND = TYPE V	

PAVILION DEMOLITION AND NEW WORK PLANS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
COUNTY OF JEFFERSON - STATE OF NEW YORK



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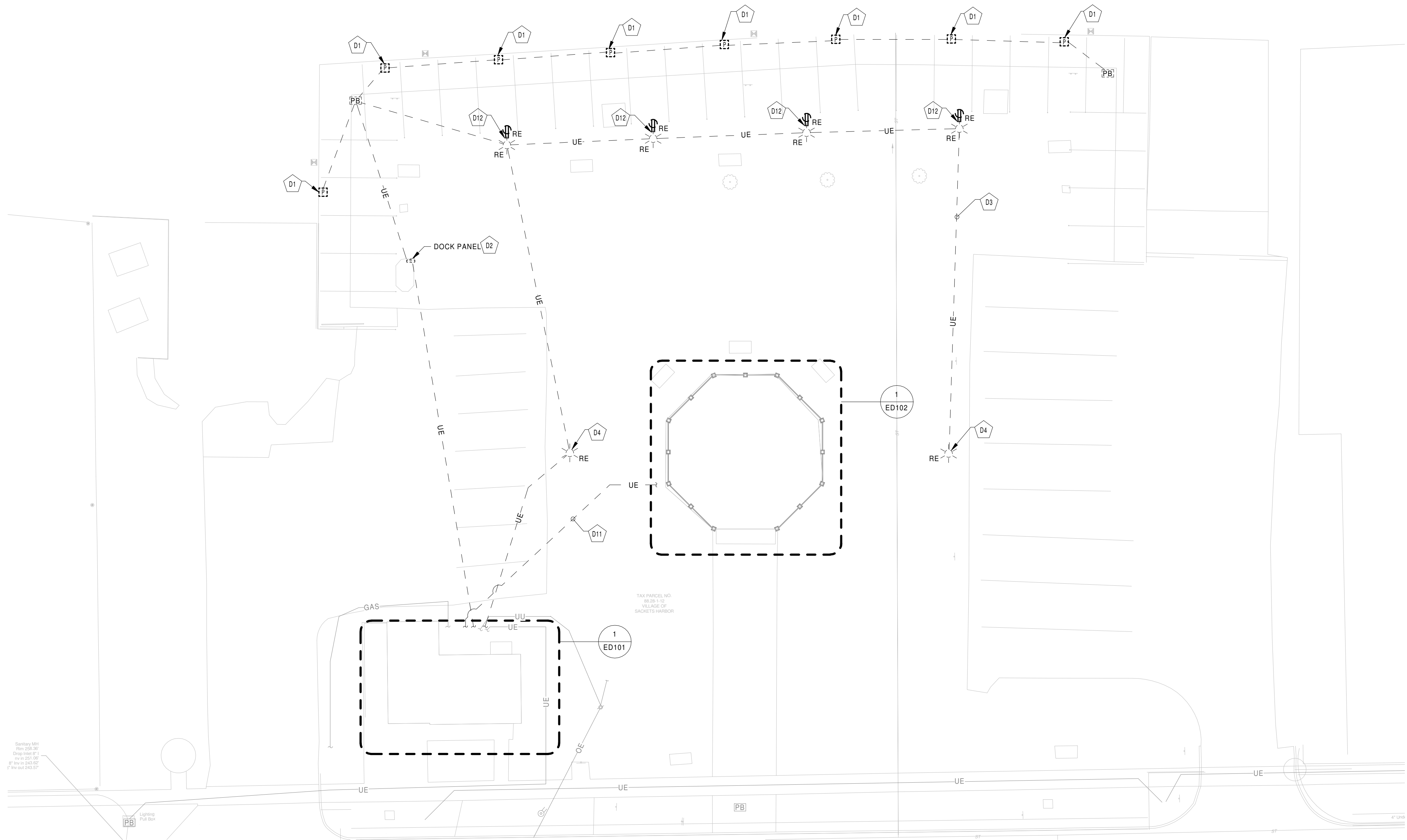
PROJECT NO.
2020-27

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

DEMOLITION KEYNOTE LEGEND

- D1 DOCK PEDESTAL RECEPTACLES, ASSOCIATED COMPONENTS, CIRCUITRY, AND CONDUITS TO BE REMOVED COMPLETE TO SOURCE.
- D2 DOCK PANEL ASSOCIATED COMPONENTS, CIRCUITRY, AND CONDUIT TO BE REMOVED COMPLETE TO SOURCE. REMOVE ASSOCIATED BREAKER IN SOURCE PANEL AND PREPARE SPACES FOR INSTALLATION OF NEW BREAKER. REFER TO NEW WORK DRAWINGS AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- D3 CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL ACCESSIBLE ABANDONED CONDUIT TO PREVENT INTERFERENCE WITH NEW WORK.
- D4 LIGHT POST AND LIGHT FIXTURE TO BE REMOVED AND PRESERVED FOR REINSTALLATION AT NEW LOCATION. CONCRETE POLE BASE TO BE REMOVED AND DISCARDED. REMOVE POWER AND CONTROL CIRCUITRY AND CONDUIT COMPLETE TO SOURCE. PRESERVE PHOTO SENSOR CONTROLS FOR USE WITH NEW FIXTURES.
- D11 APPROXIMATE LOCATION OF EXISTING CONDUIT FEEDING PAVILLION. EC TO REMOVE CIRCUITRY BUT PRESERVE CONDUITS FOR REUSE UNLESS NOTED OTHERWISE. PROVIDE PULL STRINGS FOR NEW POWER AND CONTROL CIRCUITRY. EC IS RESPONSIBLE FOR REPAIRING OR REPLACING ANY CONDUIT DAMAGED PRIOR TO OR DURING CONSTRUCTION.
- D12 LIGHT POST, LIGHT FIXTURE, AND ASSOCIATED WEATHERPROOF RECEPTACLE TO BE REMOVED AND PRESERVED FOR REINSTALLATION AT NEW LOCATION. CONCRETE POLE BASE TO BE REMOVED AND DISCARDED. REMOVE POWER AND CONTROL CIRCUITRY AND CONDUIT COMPLETE TO SOURCE. PRESERVE PHOTO SENSOR CONTROLS FOR USE WITH NEW FIXTURES.



1 DEMOLITION PLAN - SITE
SCALE: 1/16" = 1'-0"

DEMOLITION PLAN - SITE

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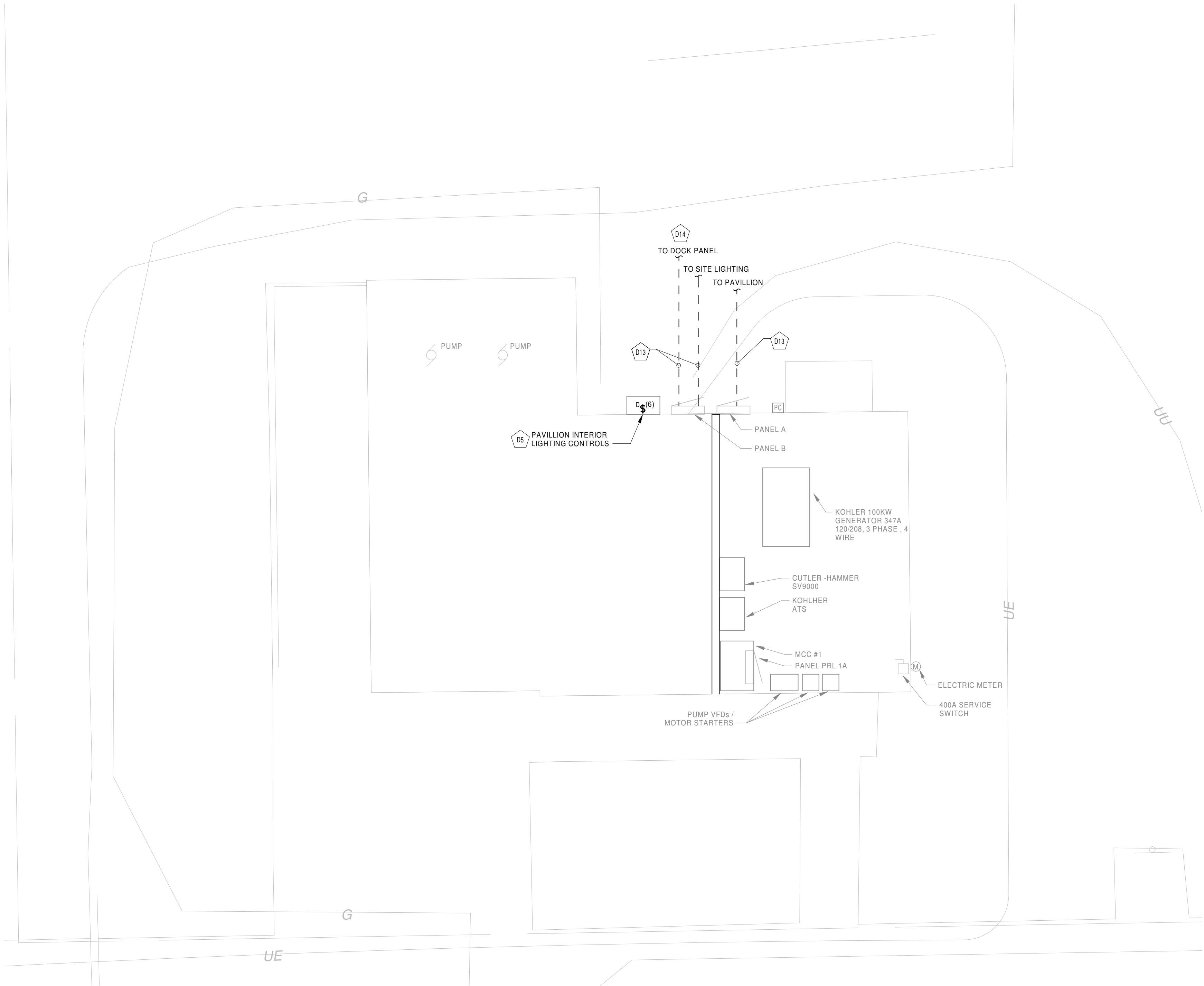
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GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

DEMOLITION KEYNOTE LEGEND

- D5 LIGHTING CONTROL PANEL ENCLOSURE TO REMAIN. REMOVE ALL DIMMING SWITCHES AND LIGHTING CONTROL CIRCUITRY COMPLETE TO ALL LIGHTING FIXTURES. PREPARE ENCLOSURE FOR NEW DIMMER CONTROLS AND PROVIDE PULL STRINGS TO FIXTURES FOR FUTURE DIMMING CONTROL CIRCUITRY. SEE NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.
- D13 DISCONNECT AND REMOVE EXISTING FEEDS AS SHOWN. REMOVE ALL WIRING BACK TO PANEL. CONDUITS CAN REMAIN IF NOT IN THE WAY OF NEW CONSTRUCTION. ALL CONDUITS GOING ABOVE GROUND ARE TO BE REMOVED TO A POINT BELOW GRADE AND CAPPED.
- D14 REMOVE EXISTING DOCK PANEL AND ALL FEEDER AND BRANCH CIRCUIT WIRING IN ITS ENTIRETY.



1 DEMOLITION PLAN - PUMP HOUSE
SCALE: 1/4" = 1'-0"

DEMOLITION PLAN - PUMP HOUSE

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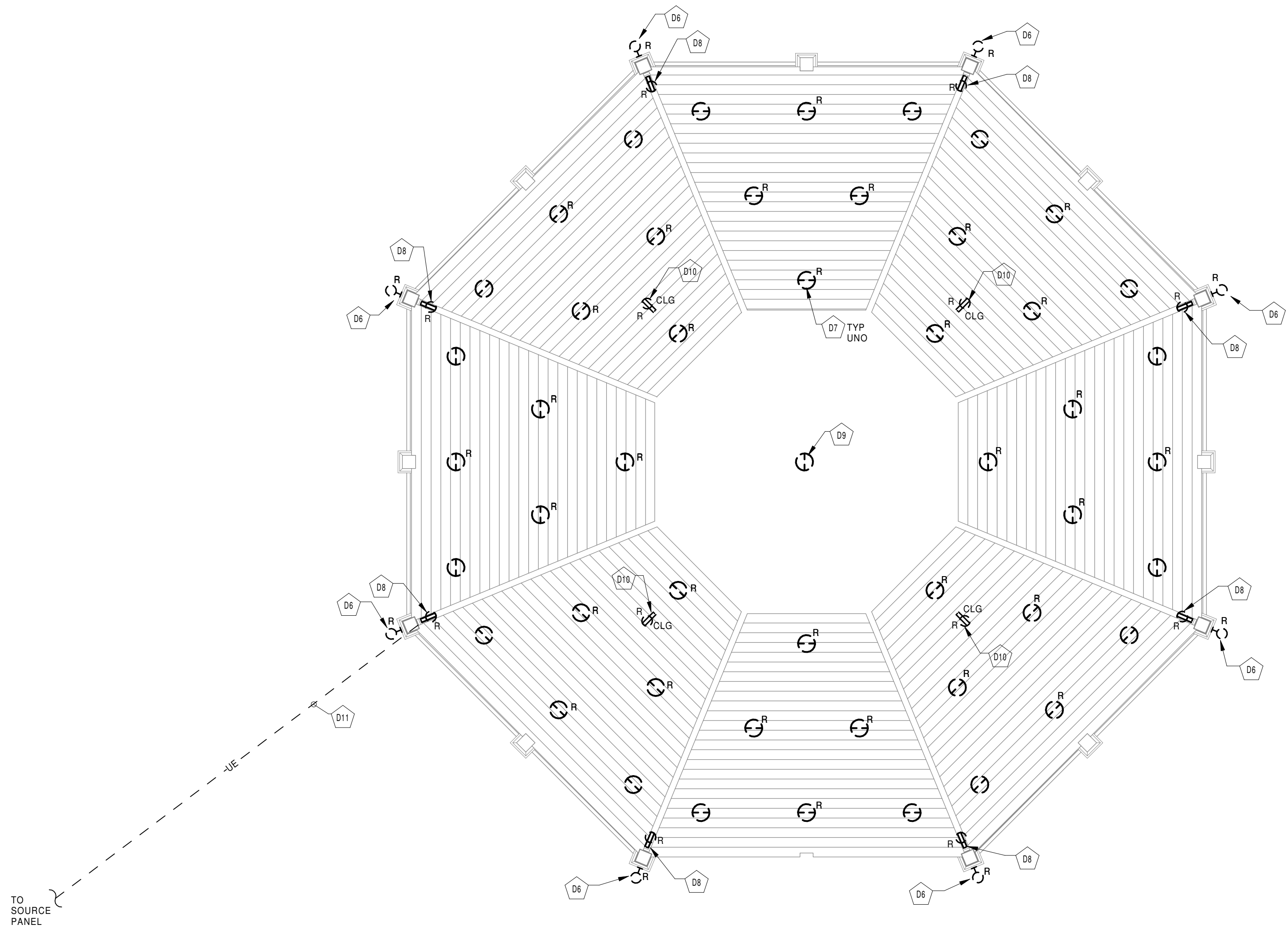
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GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

DEMOLITION KEYNOTE LEGEND

- D6 EC TO DISCONNECT AND REMOVE POST MOUNTED FIXTURES, MOUNTING ARM, ASSOCIATED COMPONENTS AND CIRCUITRY. PRESERVE PHOTO CONTROLLER AND CONTROL CIRCUITRY FOR REUSE WITH NEW FIXTURES. PROVIDE PULL STRINGS FOR CIRCUITRY TO NEW FIXTURES TO BE INSTALLED AT THESE LOCATIONS.
- D7 DISCONNECT AND REMOVE ALL CEILING LIGHT FIXTURES, ASSOCIATED COMPONENTS AND CIRCUITRY TO SOURCE. FIXTURES LABELED WITH "R" TO BE REPLACED WITH NEW. PROVIDE PULL STRINGS FOR CIRCUITRY TO THESE FIXTURES. FIXTURES NOT LABELED WITH "R" TO BE REMOVED AND COVERED WITH BLANK PLATE. REFER TO NEW WORK DRAWING E301 FOR ADDITIONAL INFORMATION.
- D8 DISCONNECT AND REMOVE RECEPTACLES, ASSOCIATED COMPONENTS, AND CIRCUITRY COMPLETE TO SOURCE. PROVIDE PULL STRINGS FOR CIRCUITRY TO NEW FIXTURES.
- D9 DISCONNECT AND REMOVE PENDANT FIXTURE, ASSOCIATED COMPONENTS, AND CIRCUITRY COMPLETE TO SOURCE. PREPARE LOCATION FOR CORD REEL. REFER TO DRAWING E301 FOR ADDITIONAL INFORMATION. PROVIDE PULL STRINGS FOR CIRCUITRY TO NEW DEVICES TO BE INSTALLED AT THIS LOCATION.
- D10 DISCONNECT AND REMOVE CEILING MOUNTED RECEPTACLE, ASSOCIATED COMPONENTS AND CIRCUITRY COMPLETE TO SOURCE. TRACE CIRCUITRY TO SOURCE PANEL AND LABEL BREAKER AS SPARE. REFER TO DRAWING E200 FOR ADDITIONAL INFORMATION.
- D11 APPROXIMATE LOCATION OF EXISTING CONDUIT FEEDING PAVILLION. EC TO REMOVE CIRCUITRY BUT PRESERVE CONDUITS FOR REUSE UNLESS NOTED OTHERWISE. PROVIDE PULL STRINGS FOR NEW POWER AND CONTROL CIRCUITRY. EC IS RESPONSIBLE FOR REPAIRING OR REPLACING ANY CONDUIT DAMAGED PRIOR TO OR DURING CONSTRUCTION.



2 ELECTRICAL DEMOLITION PLAN - PAVILLION
SCALE: 1/4" = 1'-0"

DEMOLITION PLAN - PAVILLION

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1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

- L1 RELOCATE LIGHT POLE AND FIXTURE TO NEW LOCATION SHOWN. PROVIDE NEW CONDUIT, POWER AND CONTROL CIRCUITRY TO FIXTURES AS INDICATED. PROGRAM FIXTURES TO BE CONTROLLED BY EXISTING PHOTOCELL USED TO CONTROL PAVILLION FIXTURES, MOUNTED ON THE PUMP HOUSE.
- L2 PROVIDE BOLLARD STYLE LIGHT FIXTURES. FEED FROM SAME CIRCUIT SERVING POLE MOUNTED FIXTURES. PROGRAM TO BE ON DUSK TILL DAWN USING THE EXISTING PHOTOCELL FOR CONTROLS.

L3 REUSE CONDUITS TO PAVILLION TO RUN POWER AND CONTROL CIRCUITRY TO FIXTURES. RUN NEW CIRCUITRY FROM BREAKERS PREVIOUSLY SERVING REMOVED FIXTURES IN PAVILION, V.I.F. REFER TO PAVILION DRAWINGS ED102, E102, AND PANEL SCHEDULES ON E600 FOR ADDITIONAL INFORMATION.

L8 PROVIDE FLAG POLE SOLAR LIGHTING FIXTURE MOUNTED TO THE TOP OF THE FLAG POLE. REFER TO LUMINAIRE SCHEDULE ON DRAWING E600 FOR ADDITIONAL INFORMATION.

L8 PROVIDE FLAG POLE SOLAR LIGHTING FIXTURE MOUNTED TO THE TOP OF THE FLAG POLE. REFER TO LUMINAIRE SCHEDULE ON DRAWING E600 FOR ADDITIONAL INFORMATION.

P3 RUN UNDERGROUND ELECTRIC FEEDS TO DOCKS IN SCHEDULE 80 PVC CONDUIT. TRANSITION TO LIQUIDTIGHT FLEXIBLE CONDUIT AT JUNCTION BOX TO BELOW DOCK. PROVIDE 7'-0" OF SLACK WIRE PER CONDUIT IN ALL CIRCUITS TO DOCK PEDESTALS FOR FLUCTUATIONS IN THE TIDE. ALL CONDUIT AND DEVICES INCLUDING AND AFTER EXTRUSION TO BE RATED TO BE SUBMERGED IN WATER. CONDUIT SEALS ARE REQUIRED TO BE WATER TIGHT.

P9 EQUIPMENT CONNECTION SYMBOL. SEE EQUIPMENT CONNECTION SCHEDULE FOR ASSOCIATED REQUIREMENTS. COORDINATE CONNECTION REQUIREMENTS IN FIELD PRIOR TO INSTALLATION.

P14 APPROXIMATE LOCATION OF EXISTING GAS LINE TO PUMP HOUSE. ROUTE NEW ELECTRICAL CONDUIT AROUND GAS LINE AS REQUIRED TO AVOID CONFLICTS. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGES CAUSED TO EXISTING GAS LINE DURING CONSTRUCTION.

P15 ROUTING OF CIRCUITRY SHOWN IS FOR DIAGRAMMATIC PURPOSES ONLY, COORDINATE EXACT ROUTING IN FIELD. REFER TO DOCK ONE-LINE ON E401 FOR EXACT QUANTITY AND SIZES OF WIRES AND CONDUITS.

P16 REINSTALL WEATHERPROOF RECEPTACLES RECESSED IN THE BASE OF LIGHT POLES. PROVIDE CONDUIT, CIRCUITRY, AND OTHER ASSOCIATED COMPONENTS NECESSARY TO ENSURE PROPER OPERATION OF DEVICES. CIRCUIT TO PANEL AND BREAKER PREVIOUSLY SERVING THESE DEVICES.

P18 PROVIDE DOCK PEDESTAL, ASSOCIATED GFI BREAKERS, RECEPTACLS, COVERS, LIGHT FIXTURES, CONDUIT AND CIRCUITRY REQUIRED TO ENSURE PROPER OPERATION OF PEDESTAL. REFER TO ONE-LINE DIAGRAMS AND PANELS SCHEDULES FOR ADDITIONAL INFORMATION.

P19 PROVIDE FLAG, FLAG POLE, FOUNDATION AND ALL ASSOCIATED COMPONENTS. FLAG POLE TO BE EQUAL TO UNCOMMON FLAG POLES ITEM# TFPHD25S. REFER TO DETAIL 4 ON SHEET E500 FOR FOUNDATION AND GROUNDING SYSTEM REQUIREMENTS.

P20 ALL WORK ASSOCIATED WITH PEDESTAL 7,8, AND 12 BEYOND PULL BOX INDICATED IS TO BE INCLUDED ONLY IF ALTERNATE IS ACCEPTED. IF ALTERNATE IS NOT ACCEPTED, TERMINATE ASSOCIATED CIRCUITRY AT PULLBOX BOX INDICATED TO ACCOMMODATE CONNECTION DURING A FUTURE PROJECT.

P21 PEDESTAL AND ALL ASSOCIATED COMPONENTS TO BE LOCATED AT
END OF DOCK. IF ALTERNATE IS NOT ACCEPTED, MOVE PEDESTAL
AND ALL ASSOCIATED COMPONENTS TO NEW END OF DOCK
LOCATION.

P24 PROVIDE A QUAZITE 24"x30"x30" DEEP SPLICE/PULLBOX WITH "ELECTRIC" COVER AT LOCATION SHOWN. SEE ONE-LINE DIAGRAM FOR FURTHER INFORMATION.



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GENERAL NOTES:

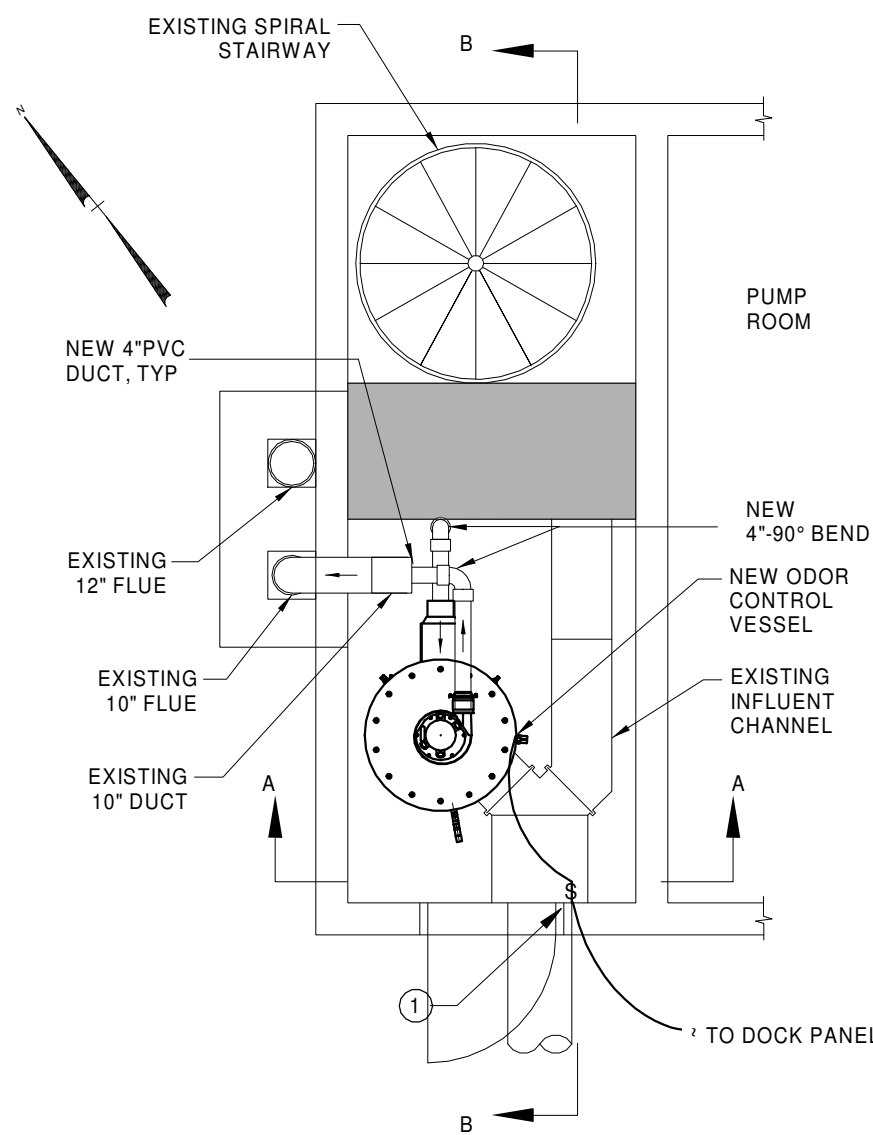
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

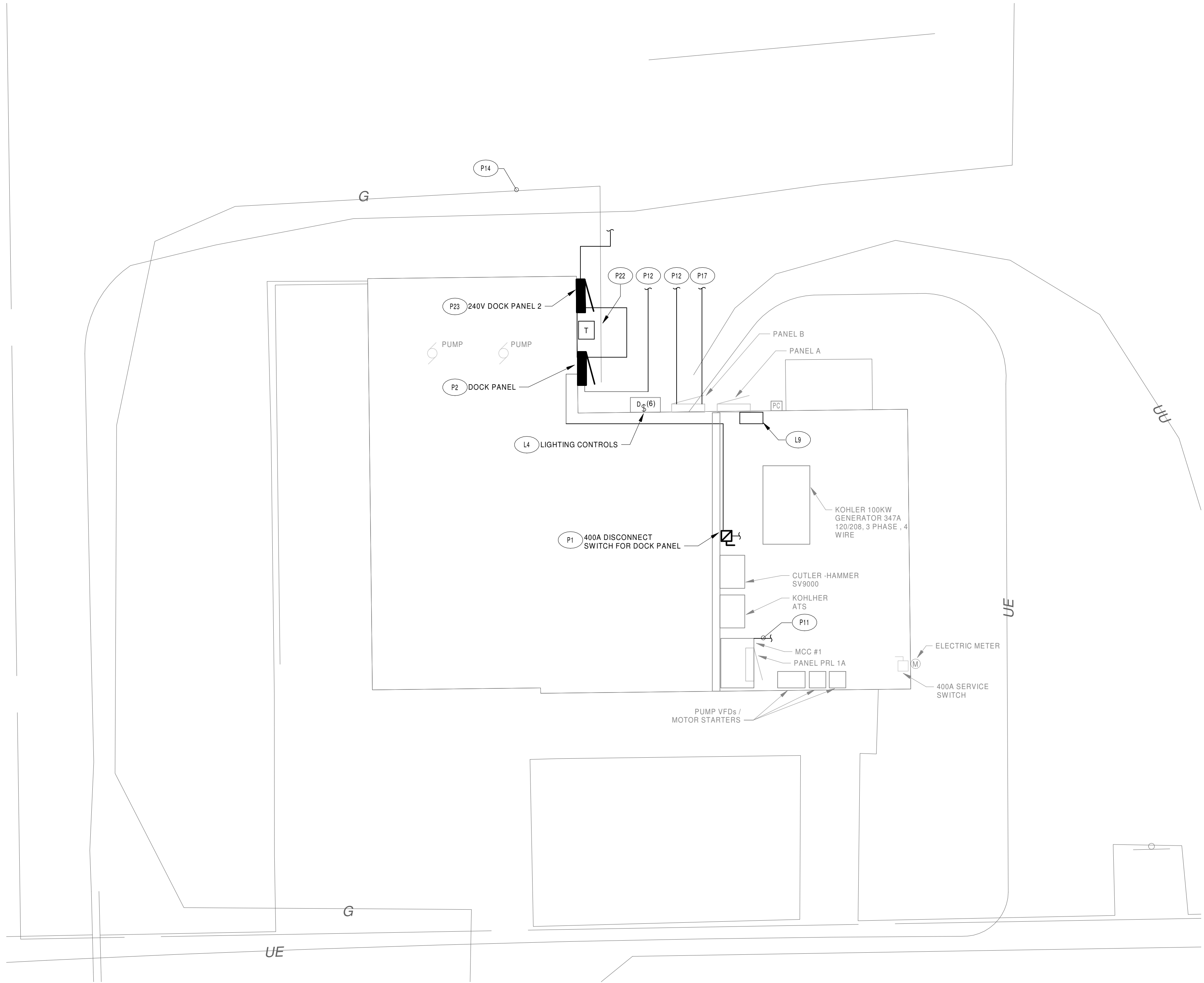
- L4 EXISTING LIGHTING CONTROL PANEL ENCLOSURE SCHEDULED FOR REUSE. PROVIDE NEW DIMMING CONTROLS, CIRCUITRY AND DRIVERS FOR CONNECTION TO PAVILION LIGHTING. REFER TO PAVILION DRAWING FOR ADDITIONAL INFORMATION.
- L9 PROVIDE A SUNRISE TECHNOLOGIES INC CATALOG # CC-40-4-ND-D-I-S-W-H-M-L-1-G1 CONTACTOR WITH TWIST LOCK RECEPTACLE AT LOCATION SHOWN. RUN ALL CIRCUITS FEEDING EXTERIOR LIGHTING THROUGH CONTACTOR.
- P1 PROVIDE 400A FUSED DISCONNECT SWITCH. TAP BUS OF MCC #1. LOCATE DISCONNECT WITHIN 10 FEET OF MCC #1.
- P2 PROVIDE NEW 400A NEMA 3R 120/208V, 3PHASE, 4 WIRE PANEL. PROVIDE WITH 400A MCB AND A NEMA 3R ENCLOSURE. PROVIDE ALL ASSOCIATED COMPONENTS, CIRCUITRY AND CONDUIT.
- P11 TAP BUS OF MCC #1 FOR POWER TO DOCK PANEL AND ASSOCIATED DISCONNECT SWITCH. CONTRACTOR TO ROUTE CONDUIT AND CIRCUITRY FROM MCC#1 ALONG WALL, MAINTING PROPER CLEARANCE FROM VFDs AND MOTOR STARTERS AND ASSOCIATED COMPONENTS.
- P12 PROVIDE CONDUIT AND CIRCUITRY TO FIXTURES AND EQUIPMENT LOCATED ELSEWHERE ON SITE. REFER TO DRAWINGS EL010, EL100, AND ONE LINE DIAGRAMS FOR ADDITIONAL INFORMATION. ROUTE CIRCUITRY AS INDICATED ON SITE DRAWINGS.
- P14 APPROXIMATE LOCATION OF EXISTING GAS LINE TO PUMP HOUSE. ROUTE NEW ELECTRICAL CONDUIT AROUND GAS LINE AS REQUIRED TO AVOID CONFLICTS. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGES CAUSED TO EXISTING GAS LINE DURING CONSTRUCTION.
- P17 PROVIDE POWER AND CONTROL CIRCUITRY TO ELECTRICAL DEVICES AND LIGHTING FIXTURES IN PAVILION USING EXISTING CONDUIT.
- P22 PROVIDE A 30kVA 208V SINGLE PHASE PRIMARY TO 240 VOLT SECONDARY NEMA 3R TRANSFORMER ON A 3'x 3'x 2" CONCRETE PAD. REFER TO ONE-LINE DIAGRAM AND PANEL SCHEDULES FOR FURTHER INFORMATION.
- P23 PROVIDE NEW 120/240V PANEL AT LOCATION SHOWN. SEE ONE-LINE AND PANEL SCHEDULES FOR FURTHER INFORMATION.

2/E101 CONSTRUCTION KEYNOTES:

1. PROVIDE EXPLOSION PROOF MANUAL MOTOR STARTER ON WALL AND RUN 5-#10 IN 3/4" CONDUIT FROM STARTER TO 20A BREAKER IN DOCK PANEL. EXTEND FEED FROM STARTER TO ODOR CONTROL VESSEL. ALL WIRING TO BE CLASS 1 DIVISION 1 EXPLOSION PROOF.



2 INFLUENT CHANNEL PLAN
SCALE: NOT TO SCALE



1 PUMP HOUSE LIGHTING AND POWER PLAN
SCALE: 1/4" = 1'-0"

PUMP HOUSE LIGHTING AND POWER PLAN

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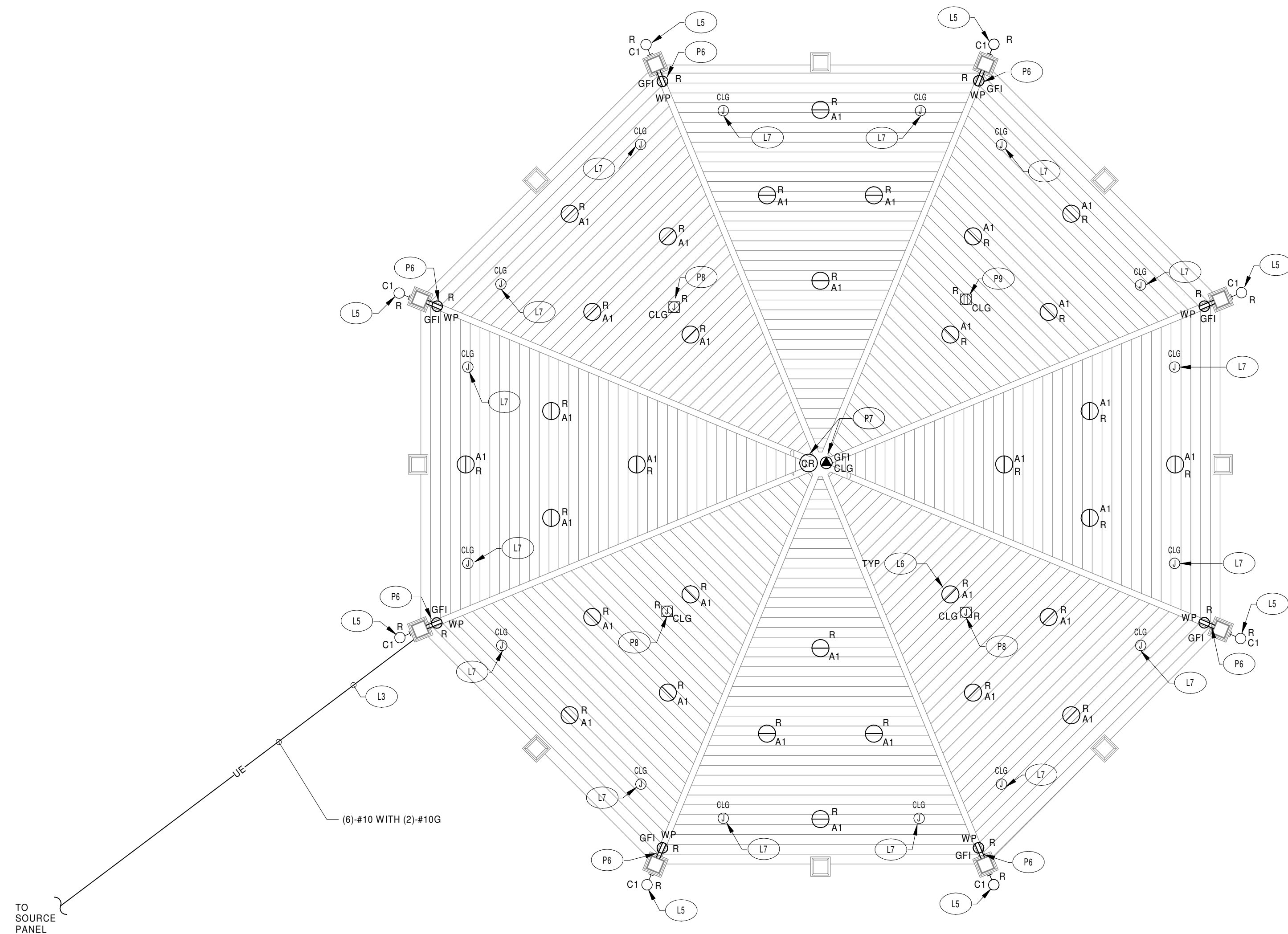
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1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

○

- L3 REUSE CONDUITS TO PAVILION TO RUN POWER AND CONTROL CIRCUITRY TO FIXTURES. RUN NEW CIRCUITRY FROM EXISTING CONDUITS TO BREAKER PREVIOUSLY SERVING PAVILION. V.P.L. REFER TO PAVILION DRAWINGS E2102, E1102, AND V.P.F. SCHEDULES ON E600 FOR ADDITIONAL INFORMATION.
- L5 PROVIDE POST MOUNTED LIGHT FIXTURES, FIXTURE ARM, ASSOCIATED COMPONENTS, AND CIRCUITRY. FEED POST FIXTURES FROM BREAKER PREVIOUSLY USED TO SERVE POST FIXTURES. NEW DIMMING CONTROLS TO BE PROVIDED TO EXISTING PHOTOCELL AND REMAIN ON DUSK TILL DAWN. NEW CIRCUITRY TO BE PROVIDED TO CIRCUITRY AS REQUIRED TO ENSURE PROPER OPERATION.
- L7 PROVIDE CEILING FIXTURES INDICATED. ASSOCIATED COMPONENTS, DRIVERS, POWER AND CONTROL CIRCUITRY. NEW DIMMING CONTROLS TO BE PROVIDED TO EXISTING PREVIOUSLY HAVING DIMMING CONTROLS. FEED FIXTURES FROM CIRCUIT BREAKER PREVIOUSLY SERVING LIGHT FIXTURES.
- L7 LOCATION OF PREVIOUSLY REMOVED LIGHTING FIXTURE. PROVIDE A COVER PLATE TO MATCH AESTHETIC OF PAVILION. PROVIDE A COVER PLATE WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.
- L7 PROVIDE GFI RECEPTACLES LOCATED ALONG THE BOTTOM OF EACH POST. PROVIDE RECEPTACLES WITH WATER PROOFING. FEED FROM BREAKER PREVIOUSLY SERVING RECEPTACLES THIS SPACE.
- L7 PROVIDE NEMA 15 20P RECEPTACLE AT LOCATION OF FORMERLY REMOVED RECEPTACLE. V.P.F. INDUSTRIES MODEL #RTFC4B-10W-B10G #1 AWG 30 FOOT CORD. PROVIDE A DOUBLE DUPLEX COB AWG 30 WITH (2) 15 AMP RECEPTACLES. PROVIDE RECEPTACLE TO LIGHTING STRUCTURE. REUSE BREAKER PREVIOUSLY FEEDING FIXTURE AT THIS LOCATION. REFER TO DETAIL ON E500 FOR ADDITIONAL INFORMATION.
- L8 LOCATION OF PREVIOUSLY REMOVED CEILING RECEPTACLE. PROVIDE A COVER PLATE TO MATCH AESTHETIC OF PAVILION. PROVIDE A COVER PLATE WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.
- L9 EQUIPMENT CONNECTION SYMBOL. SEE EQUIPMENT CONNECTION SCHEDULE FOR ASSOCIATED REQUIREMENTS. COORDINATE CONNECTION REQUIREMENTS IN FIELD PRIOR TO INSTALLATION.



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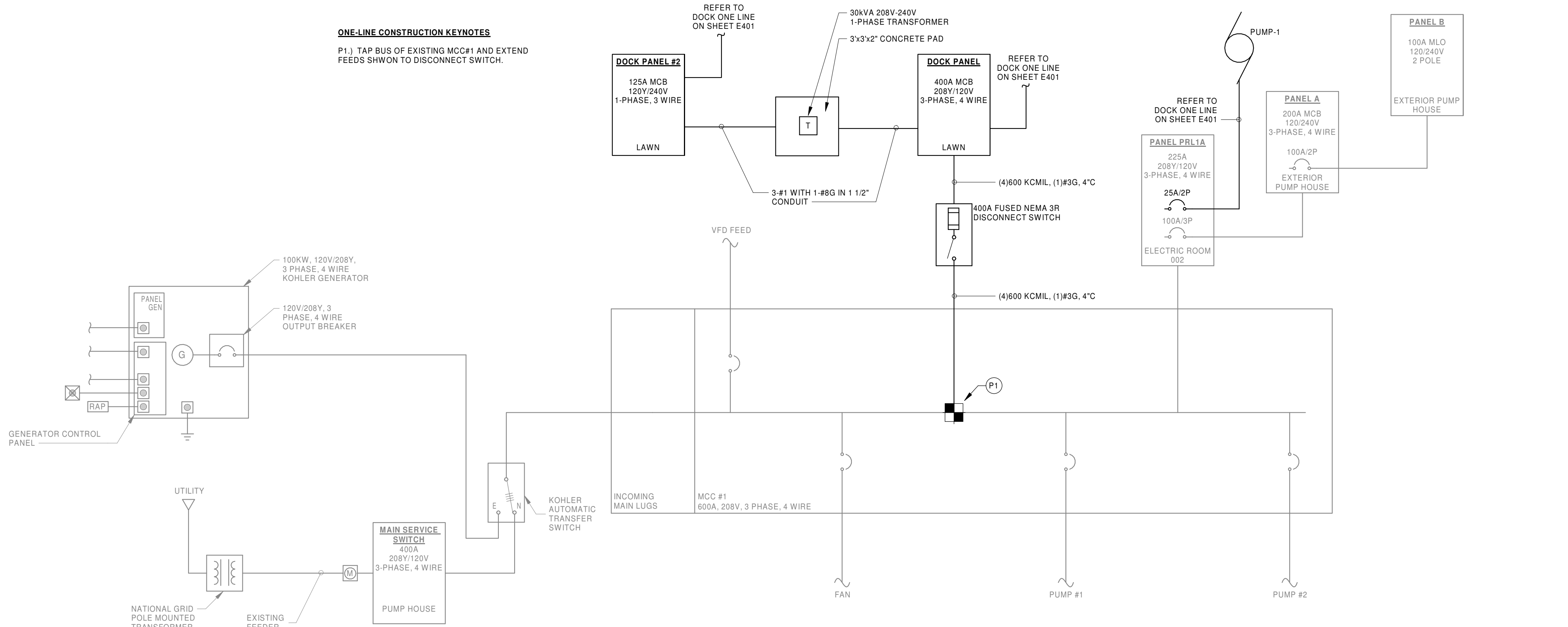
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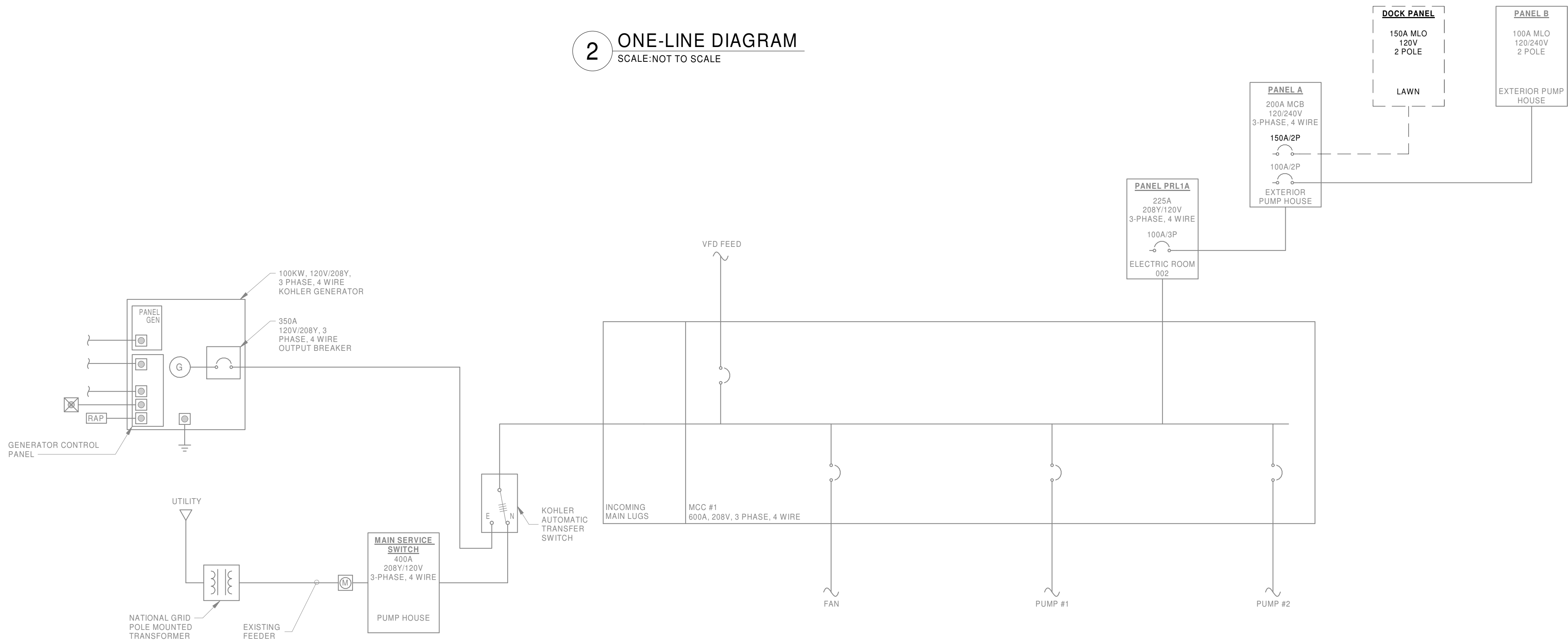
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SINGLE LINE SHEET NOTES

- A. OVERCURRENT DEVICES OF ENTIRE DISTRIBUTION SYSTEM SHALL MEET STATED FAULT CURRENT VALUES WITH FULLY RATED EQUIPMENT.
B. CONDUCTOR LENGTHS INDICATED ON THE SINGLE LINE DIAGRAM ARE FOR FAULT CURRENT CALCULATIONS ONLY. ACTUAL LENGTH SHALL BE DETERMINED BY FIELD CONDITIONS AND ACTUAL ROUTES OF FEEDERS.
C. REFER TO SWITCHBOARD SCHEDULES AND DISTRIBUTION PANEL SCHEDULES FOR ADDITIONAL REQUIREMENTS. WHERE A DISCREPANCY EXISTS BETWEEN EQUIPMENT ON THE SINGLE LINE DIAGRAM AND THE DETAILED SCHEDULES, THE ITEM OR ARRANGEMENT WITH BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST SHALL BE USED.
D. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
E. REFER TO THE MOTOR AND SPECIAL CONNECTION SCHEDULE FOR ALL FEEDERS DESIGNATED "EQ".
F. GROUNDING ELECTRODE CONDUCTORS SIZES ARE NOT INDICATED ON THE SINGLE LINE DIAGRAM ARE. REFER TO THE GROUNDING RISER DIAGRAM FOR CONNECTIONS AND CONDUCTOR SIZES.



2 ONE-LINE DIAGRAM
SCALE: NOT TO SCALE



1 DEMOLITION ONE-LINE DIAGRAM
SCALE: NOT TO SCALE

ONE-LINE DIAGRAMS

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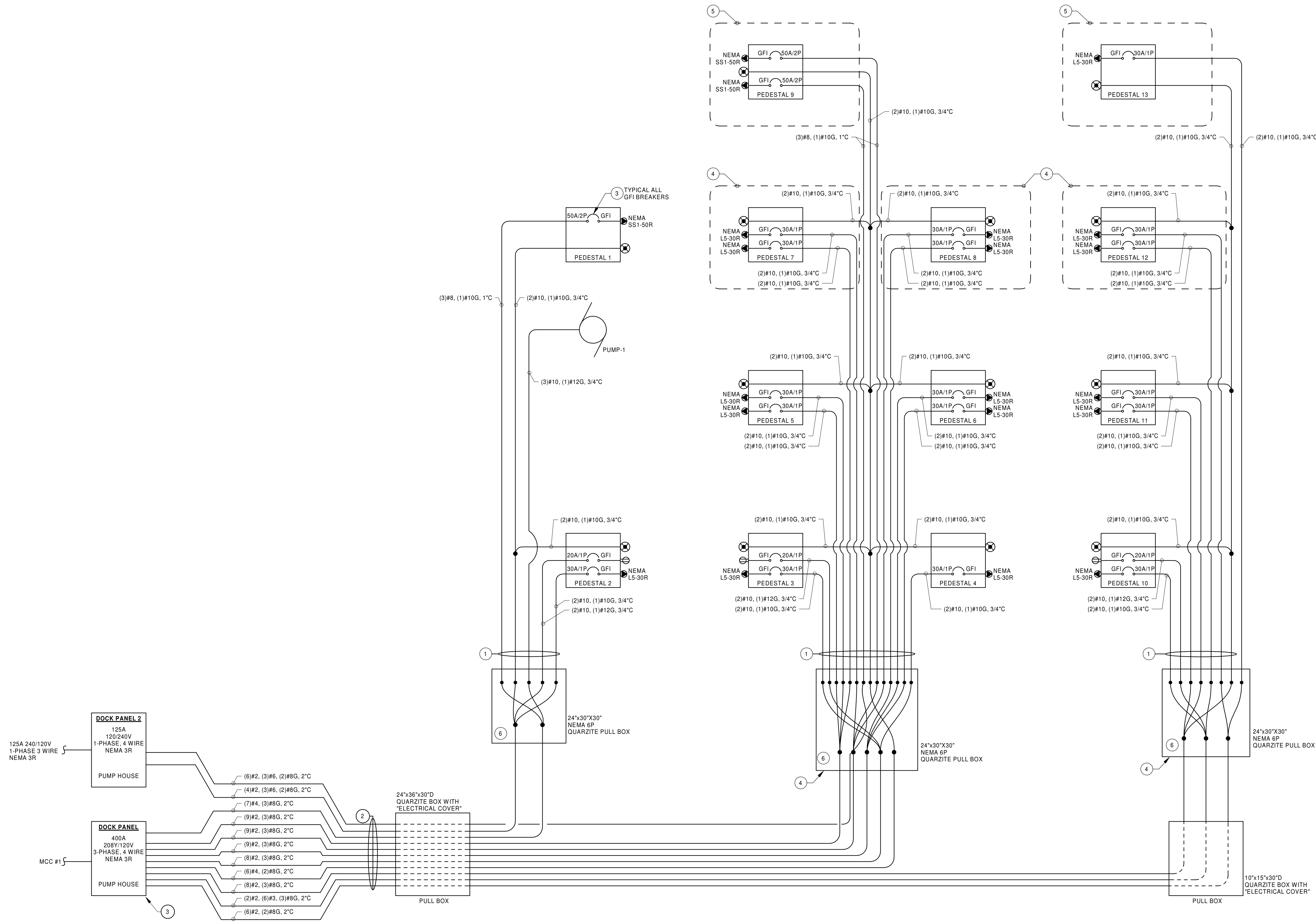
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1 ONE-LINE DIAGRAM - DOCK
SCALE: NOT TO SCALE

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

1. ALL CONDUITS SERVING DOCKS FROM BULKHEAD JUNCTION BOXES TO BE LIQUIDTIGHT FLEXIBLE CONDUIT.
2. ALL CONDUIT SERVING DOCKS FROM PANEL TO BULKHEAD JUNCTION BOX TO BE SCHEDULE 80 PVC.
3. ALL GFI BREAKERS INSTALLED IN DOCK PANEL AND DOCK PEDESTALS TO HAVE 6mA GROUND FAULT CAPACITY FOR HUMAN PROTECTION.
4. ALL WORK ASSOCIATED WITH PEDESTAL 7, 8, AND 12 BEYOND JUNCTION BOX INDICATED IS TO BE INCLUDED ONLY IF ALTERNATE IS ACCEPTED. IF ALTERNATE IS NOT ACCEPTED, TERMINATE ASSOCIATED CIRCUITRY AT JUNCTION BOX INDICATED TO ACCOMMODATE CONNECTION DURING A FUTURE PROJECT.
5. PEDESTAL AND ALL ASSOCIATED COMPONENTS TO BE LOCATED AT END OF DOCK. IF ALTERNATE IS NOT ACCEPTED, MOVE PEDESTAL AND ALL ASSOCIATED COMPONENTS TO NEW END OF DOCK LOCATION.
6. PROVIDE SPLICES INSIDE PULLBOX UTILIZING MARINE GRADE SPLICE KITS.

ONE-LINE DIAGRAM - DOCK

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDU
IMPROVMENTS & REHABILITATION

COUNTY OF JEFFERSON - NEW YORK

BCA
ARCHITECTS
ENGINEERS

BCA Architects & Engineers
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THIS SHEET INCORPORATES COLOR GRAPHICS WHICH INDICATE IMPORTANT INFORMATION AND SHALL BE PRINTED IN COLOR IF REPRODUCED BY A CONTRACTOR.

CHECKED BY : SGV

DRAWN BY : SMG

DATE : 05/06/2022

LAST REVISION :

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

PRINTED FOR: BID

SHEET NO.

E401

PROJECT NO.

2020-027

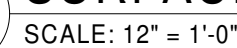
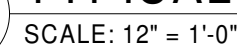
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS



SCALE: 12" = 1'-0"


DETAIL NOTES:

1. REFER TO IDENTIFICATION SPECIFICATION 26 0553 FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE SHALL BE LAMINATED THREE LAYER PLASTIC WITH ENGRAVED BLACK LETTERS ON WHITE CONTRASTING BACKGROUND. LETTER SIZE SHALL BE 1/8", MINIMUM PLATE THICKNESS 1/8".
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS. ADHESIVE CEMENT SHALL NOT BE ALLOWED.
4. NAMEPLATES SHALL BE USED TO IDENTIFY ANY NEW EQUIPMENT INSTALLED UNDER THIS PROJECT INCLUDING BUT NOT LIMITED TO ANY OF THE FOLLOWING:
 - PANELBOARDS
 - SWITCHBOARDS
 - SWITCHGEAR
 - TRANSFORMERS
 - SERVICE DISCONNECTS
 - EQUIPMENT SAFETY SWITCHES / DISCONNECTS
 - CIRCUIT BREAKERS IN DISTRIBUTION PANEL BOARDS (400A AND LARGER)
 - TIME CLOCKS
 - CONTACTOR PANELS
 - MOTOR STARTERS
 - VFDs



SCALE:NOT TO SCALE

LUMINAIRE SCHEDULE										SPECIFICATION 26 5600		
TYPE	DESCRIPTION	MFR. & CATALOG No.	LAMP	SIZE	VOLTAGE	MOUNTING	MOUNTING HEIGHT	WATTS	REMARKS	FINISH	TYPE	
A1	RECESSED DOWNLIGHT	PATHWAY RM8SVLFL2X-200-5K-E1-DA-WL2	LED	8"Ø	120-277	RECESSED	CEILING	16	PROVIDE WITH GOOF RING	WHITE	A1	
B1	BOLLARD LIGHT	ANP LIGHTING BL8521-FR-M016LD-D-W-40K-121	LED	36"x13"	120-277	BOLLARD	3'-0"	19	PROVIDE CONCRETE BASE FOR BOLLARD FOR MOUNTING PURPOSES	BRONZE	B1	
B2	BOLLARD LIGHT	ANP LIGHTING BL8511-FR-M016LD-D-W-40K-121	LED	36"x8"	120-277	BOLLARD	3'-0"	19	PROVIDE CONCRETE BASE FOR BOLLARD FOR MOUNTING PURPOSES	BRONZE	B2	
C1	POST LIGHT	ANP LIGHTING WG012-1-FR-M016LD-D-W-40K-WM741-121	LED	12"x15"	120-277	POST	7'-2"	19	PROVIDE WITH ANP LIGHTING WM741-1-121 MOUNTING ARM ACCESSORY	BRONZE	C1	
D1	DOCK PEDESTAL LIGHT	HARBOR LIGHT POWER PEDESTAL HL30-100	LED	12"x12"	120	MARINE POWER PEDESTAL	2'-6"	-	DOCK PEDESTAL INTEGRAL LIGHT FIXTURE. REFER TO DOCK ONE-LINE ON E401	-	D1	
F1	FLAG POLE LIGHT	UNCOMMON FLAG POLES ITEM# PL3	LED	-	120	SOLAR LIGHT	TOP OF FLAG POLE	-		SILVER	F1	

INDICATED BY  ON PLAN SHEETS						EQUIPMENT CONNECTION SCHEDULE															
								DISCONNECT TYPES				STARTER TYPES				MOTOR STARTER NOTES					
								A - NONFUSED DISCONNECT SWITCH B - FUSED DISCONNECT SWITCH C - SNAP SWITCH WITH OVERLOADS D - CORD & PLUG E - ENCLOSED CIRCUIT BREAKER F - TOGGLE SWITCH G - VFD DISCONNECT FURNISHED BY MC				1 - MAGNETIC X-LINE 2 - COMBINATION STARTER/DISC. 3 - MANUAL MOTOR STARTER 4 - VFD FURNISH BY MC, INSTALLED & CONNECTED BY EC. 5 - PACKAGE UNIT BY MANUFACTURER				S1 - START/STOP PB W/ PILOT LIGHT IN COVER S2 - H-O-A SWITCH W/ PILOT LIGHT IN COVER S3 - AUX. CONTACTS S4 - SNAP SWITCH S5 - CONTROL TRANSFORMER S6 - CONTROLS BY MC					
EQUIP TAG	EQUIPMENT DESCRIPTION	LOCATION	HP MCA KW	VOLTS	PHASE	POWER SOURCE		WIRE & CONDUIT	DISCONNECT				MOTOR STARTER				FIRE ALARM FAN SHUT-DOWN	DUCT MOUNTED SMOKE DETECTOR(S)	SCHEDULE NOTES	EQUIP TAG	
						PANEL/ CIRCUIT #	MOP (A)		TYPE	NEMA ENCL.	BY	LOCATION	TYPE	NEMA ENCL.	BY	LOCATION					STARTER NOTES
PUMP-1	PUMP	DOCK	2 HP	208	1	PANEL A-2,4	25	SEE ONE-LINE	A	4X	MFR	AT UNIT	5	4X	MFR	AT UNIT	S2, S5	N	N	1, 2, 3, 5, 9	PUMP-1
<div>1. PROVIDE OVERLOAD HEATERS FOR ALL MOTOR STARTERS. SIZE OVERLOADS IN FIELD PER ACTUAL FURNISHED MOTOR NAMEPLATE DATA.</div> <div>2. FOR BID PURPOSES; SIZE MOTOR STARTERS BASED ON HP/MCA/KW VALUES INDICATED. PROVIDE MOTOR STARTERS PROPERLY SIZED PER APPROVED SUBMITTALS AND COORDINATION DRAWINGS FURNISHED DURING CONSTRUCTION.</div> <div>3. COORDINATE IN FIELD WITH INDIVIDUAL TRADES FOR EQUIPMENT SUBSTITUTIONS. WHERE SUBSTITUTIONS (FROM THE BASIS OF DESIGN) HAVE BEEN MADE, COORDINATE ANY AND ALL CHANGES OF VOLTAGE, MCA, AND HP WITH THE RELEVANT CONTRACTOR. THE EC IS RESPONSIBLE FOR ANY DESIGN WORK AND ALL RESIZING OF FEEDERS, BRANCH CIRCUITS, OVER-CURRENT PROTECTION, AND STARTER / DISCONNECT SIZING CHANGES THAT RESULT FROM SUCH EQUIPMENT SUBSTITUTIONS. ALL CONSTRUCTION COST CHANGES ASSOCIATED WITH EQUIPMENT SUBSTITUTIONS, AS MENTIONED HEREIN, ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR SUPPLYING THE SUBSTITUTED EQUIPMENT. ALL ASSOCIATED REDESIGN, REVISIONS, AND MODIFICATIONS ARE TO BE DONE AT NO ADDITIONAL COST TO THE OWNER, ARCHITECT, OR ENGINEER.</div> <div>4. ALL NEW DUCT SMOKE DETECTORS INDICATED ARE TO BE FURNISHED, INSTALLED, AND CONNECTED BY THE EC. COORDINATE INSTALLATION IN FIELD WITH CONTRACTOR RESPONSIBLE FOR DUCT WORK. REFER TO PLANS FOR QUANTITY AND LOCATION OF DETECTORS.</div> <div>5. ALL CIRCUIT BREAKERS INDICATED ON EQUIPMENT CONNECTION SCHEDULE FOR INSTALLATION IN EXISTING PANELS ARE TO BE PROVIDED BY THE EC. NEW BREAKERS ARE TO BE UL LISTED FOR USE IN EXISTING PANEL, MATCHING EXISTING POWER CHARACTERISTICS, VIF.</div> <div>6. PROVIDE 1/2" CONDUIT WITH PULL STRING FOR INTERLOCKING CONTROL WIRING BETWEEN INDOOR UNIT AND OUTDOOR UNIT.</div> <div>7. INDOOR UNIT FED VIA OUTDOOR UNIT. PROVIDE INTERCONNECT CONDUITS FOR POWER AND CONTROL WIRING (SEPARATE 1/2" CONDUITS).</div> <div>8. PROVIDE SHUT DOWN RELAY AND IDENTIFY LOCATION ON AS-BUILT DRAWINGS.</div> <div>9. COORDINATE EXACT ELECTRICAL REQUIREMENTS IN FIELD.</div> <div>10. CONTRACTOR TO PROVIDE CONVENIENCE GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE AT UNIT. REFER TO POWER SERIES DRAWINGS AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.</div> <div>**- INDICATES NOT REQUIRED OR NOT APPLICABLE.</div> <div>**Y- INDICATES YES, REQUIRED.</div> <div>**MFR- INDICATES SUPPLIED/INSTALLED BY MANUFACTURER.</div>																					

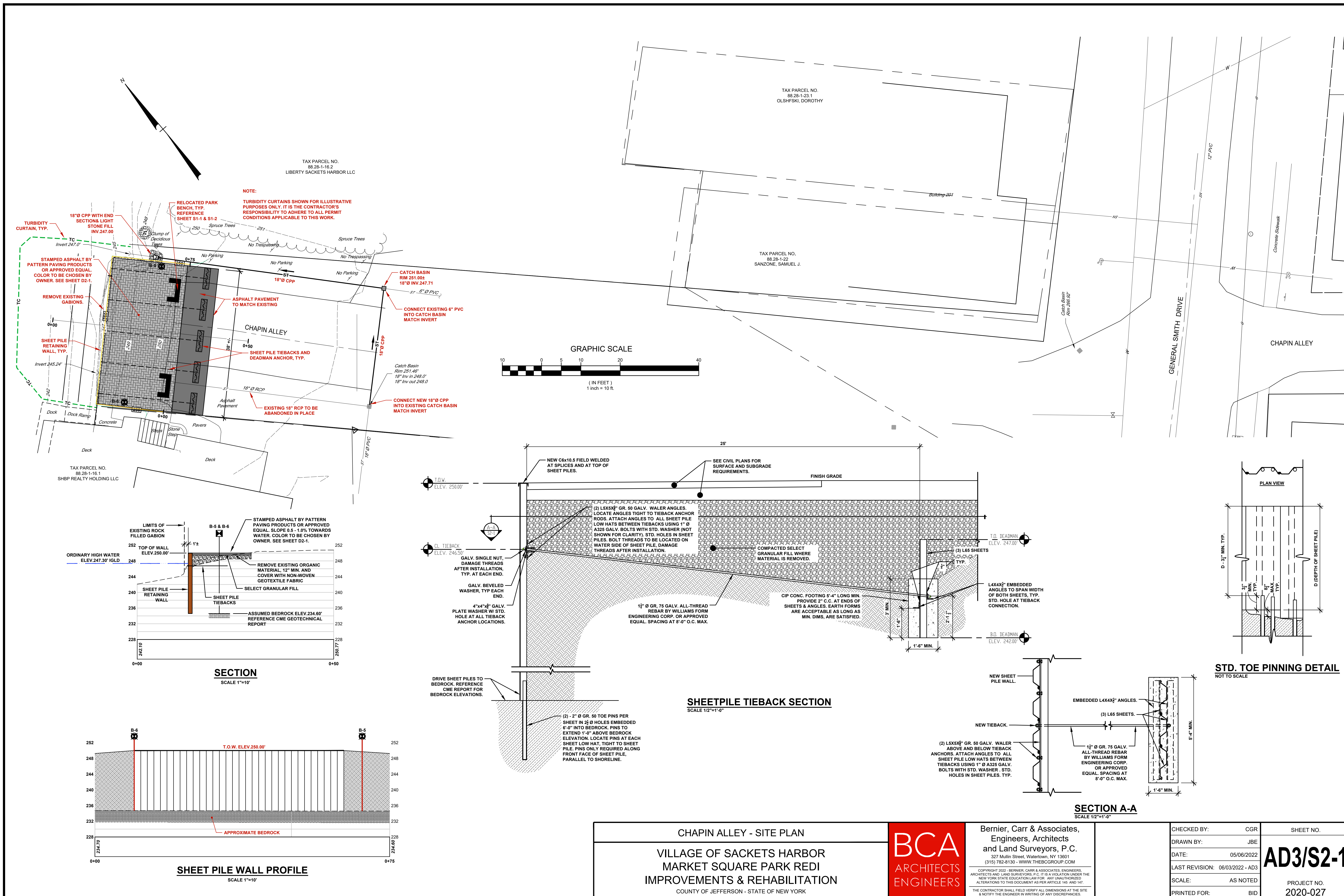
PANEL B									
LOCATION: PUMP STATION					BUS / MAIN: 100A MLO				
MOUNTING: SURFACE					FEEDER: ---				
VOLTAGE/PHASE: 120V, 2 POLE					FED FROM: ---				
MIN AIC RATING: ---					ACCESSORIES: ---				
					*- GFI BREAKER ** SHUNT TRIP BEAKER				
CKT #	LOAD DESCRIPTION	CKT #	BKR	CKT #	BKR	LOAD DESCRIPTION	CKT #	BKR	CKT #
1	RIGHT, FRONT & BACK OUTLETS	20/20	1	1	20	LEFT, FRONT & BACK OUTLETS	2		
3	EXISTING (V.I.F.)	20/20	1	1	20	EXISTING (V.I.F.)	4		
5	INSIDE LIGHTS	20/20	1	1	20	EXISTING (V.I.F.)	6		
7	INSIDE LIGHTS	20/20	1	1	20	EXISTING (V.I.F.)	8		
9	INSIDE LIGHTS	20/20	1	1	-	SPACE	10		
11	SPACE	-	1	1	-	SPACE	12		

PANEL PRL1A									
LOCATION: PUMP HOUSE					BUS / MAIN: 225A MLO				
MOUNTING: WITHIN MCC #1					FEEDER: ---				
VOLTAGE/PHASE: 120/208Y, 3PH, 4W					FED FROM: MCC #1				
MIN AIC RATING: -					ACCESSORIES: -				
					*- GFI BREAKER ** SHUNT TRIP BEAKER				
CKT #	LOAD DESCRIPTION	CKT #	BKR	CKT #	BKR	LOAD DESCRIPTION	CKT #	BKR	CKT #
1	AC UNIT IN THE ATM	30	3	3	30	GRINDER UNIT	2		
3							4		
5							6		
7	ATM HEATER	20	2	2	20	ORNAMENTAL LIGHTS	8		
9							10		
11	OUTLET (PHONE), LADIES LIGHT	20	2	1	20	RECEPT. - MCC NCC ALARM PAD	12		
13							14		
15	SOLENOID	20	1	1	20	LIGHTS THIS ROOM/ COIL FOR PIT	16		
17	RTU	20	1	1	20	BASEMENT LIGHTS: FAN	18		
19	ATM MACHINE	20	1	1	20	BLOCK HEATER - GENERATOR	20		
21	MEN'S HAND DRYER	20	1	1	20	BATTERY CHARGER - GENERATOR	22		
23	ATM ROOM, BATHROOM LIGHT/ FAN	20	1	1	20	WET WELL LIGHTS/ FAN COIL CIRC.	24		
25	RECEPT. - OUTSIDE	20	1	1	20	SPARE IN WIREWAY	26		
27	RECEPT. - OUTSIDE	20	1	1	20	EXHAUST FAN BASEMENT	28		
29	NOT LABELED	20	1	1	20	CONTROL FOR OUTSIDE LIGHTS	30		
31	EXHAUST FAN THIS ROOM	20	1	1	20	SUMP PUMP	32		
33	MILTRONICS	20	1	1	20	WET WELL FAN	34		
35	SUB PANEL(REAR)	100	2	1	20	UNIT HEATER THIS ROOM	36		
37						OUTLET AIR FILTER	38		
39						VIDEO PHONE	40		
41	50A TWIST LOCK	50	2	2	20	LADIES BATHROOM HAND DRYER	42		

PANEL A									
LOCATION: PUMP STATION					BUS / MAIN: 200A MCB				
MOUNTING: SURFACE					FEEDER: ---				
VOLTAGE/PHASE: 120/208Y, 3PH, 4W					FED FROM: ---				
MIN AIC RATING: ---					ACCESSORIES: ---				
					*- GFI BREAKER ** SHUNT TRIP BEAKER				
CKT #	LOAD DESCRIPTION	CKT #	BKR	CKT #	BKR	LOAD DESCRIPTION	CKT #	BKR	CKT #
1	SPACE	-	1	2	25	KECO PUMP ON DOCK	2		
3	SPACE	-	1	1	30		4		
5	EXISTING (V.I.F.)	30	1	1	30	EXISTING (V.I.F.)	6		
7	EXISTING (V.I.F.)	30	1	1	20	EXISTING (V.I.F.)	8		
9	EXISTING (V.I.F.)	100	2	1	20	EXISTING (V.I.F.)	10		
11	EXISTING (V.I.F.)	20	1	1	20	EXISTING (V.I.F.)	12		
13	EXISTING (V.I.F.)	20	1	1	20	#1 LIGHT POLE, RECEPT NW	14		
15	EXISTING (V.I.F.)	20	1	1	20	#2 LIGHT POLE, RECEPT NE	16		
17	EXISTING (V.I.F.)	30	2	1	20	#3 LIGHT POLE, RECEPT SW	18		
19	EXISTING (V.I.F.)	30	2	1	20	#4 LIGHT POLE, RECEPT SE	20		

DOCK PANEL									
LOCATION: PUMP HOUSE					BUS / MAIN: 400A MCB				
MOUNTING: SURFACE					FEEDER: SEE ONE-LINE DIAGRAM.				
VOLTAGE/PHASE: 120/208Y, 3PH, 4W					FED FROM: MCC #1				
MIN AIC RATING: 22,000					ACCESSORIES: NEMA 3R ENCLOSURE, 400A MCB.				
					*- GFI BREAKER ** SHUNT TRIP BEAKER				
CKT #	LOAD DESCRIPTION	CKT #	BKR	CKT #	BKR	LOAD DESCRIPTION	CKT #	BKR	CKT #
1*	LEFT DOCK - PEDESTAL 1	30	1	1	20	CENTER DOCK - PEDESTAL 3	2*		
3*	LEFT DOCK - PEDESTAL 1	20	1	1	30	CENTER DOCK - PEDESTAL 3	4*		
5*		30	1	1	30	CENTER DOCK - PEDESTAL 4	6*		
7*	DOCK PANEL 2	100	2	1	30	CENTER DOCK - PEDESTAL 5	8*		
9*	RIGHT DOCK - PEDESTAL 10	20	1	1	30	CENTER DOCK - PEDESTAL 5	10*		
11*	RIGHT DOCK - PEDESTAL 10	30	1	1	30	CENTER DOCK - PEDESTAL 6	12*		
13*	RIGHT DOCK - PEDESTAL 11	30	1	1	30	CENTER DOCK - PEDESTAL 6	14*		
15*	RIGHT DOCK - PEDESTAL 11	30	1	1	30	CENTER DOCK - PEDESTAL 7	16*		
17*	RIGHT DOCK - PEDESTAL 12	30	1	1	30	CENTER DOCK - PEDESTAL 7	18*		
19*	RIGHT DOCK - PEDESTAL 12	30	1	1	30	CENTER DOCK - PEDESTAL 8	20*		
21*	RIGHT DOCK - PEDESTAL 13	30	1	1	30	CENTER DOCK - PEDESTAL 8	22*		
23*	LEFT DOCK - PEDESTAL LIGHTS	20	1	1	30	SPARE	24*		
25*	CENTER DOCK - PEDESTAL LIGHTS	20	1	1	30	SPARE	26*		
27*	RIGHT DOCK - PEDESTAL LIGHTS	20	1	1	30	SPARE	28*		
29*	SPARE	20	1	1	30	SPARE	30*		
31*	SPARE	20	1	1	30	SPARE	32*		
33*	SPARE	20	1	1	20	SPARE	34*		
35	SPACE	-	1	1	-	SPACE	36		
37	SPACE	-	1	1	-	SPACE	38		
39	SPACE	-	1	1	-	SPACE	40		
41	SPACE	-	1	1	-	SPACE	42		

DOCK PANEL #2									
LOCATION: PUMP HOUSE					BUS / MAIN: 125A MCB				
MOUNTING: SURFACE					FEEDER: SEE ONE-LINE DIAGRAM.				
VOLTAGE/PHASE: 120/240, 1PH, 3W					FED FROM: DOCK PANEL				
MIN AIC RATING: 22,000					ACCESSORIES: NEMA 3R ENCLOSURE, 125A MCB.				
					* GFI BREAKER ** SHUNT TRIP BREAKER				
CKT #	LOAD DESCRIPTION	CKT #	BKR	CKT #	BKR	LOAD DESCRIPTION	CKT #	BKR	CKT #
			AMP	2	POLE	AMP			
1*	LEFT DOCK - PEDESTAL 2	50	2	2	50	CENTER DOCK - PEDESTAL 9	2*		
3*							4*		
5*	CENTER DOCK - PEDESTAL 9	50	2	2	50	SPARE	6*		
7*							8*		
9	SPACE	-	-	-	-	SPACE	10		
11	SPACE	-	-	-	-	SPACE	12		
13	SPACE	-	-	-	-	SPACE	14		
15	SPACE	-	-	-	-	SPACE	16		
17	SPACE	-	-	-	-	SPACE	18		
19	SPACE	-	-	-	-	SPACE	20		
21	SPACE	-	-	-	-	SPACE	22		
23	SPACE	-	-	-	-	SPACE	24		



CHAPIN ALLEY - SITE PLAN

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION

COUNTY OF JEFFERSON - STATE OF NEW YORK

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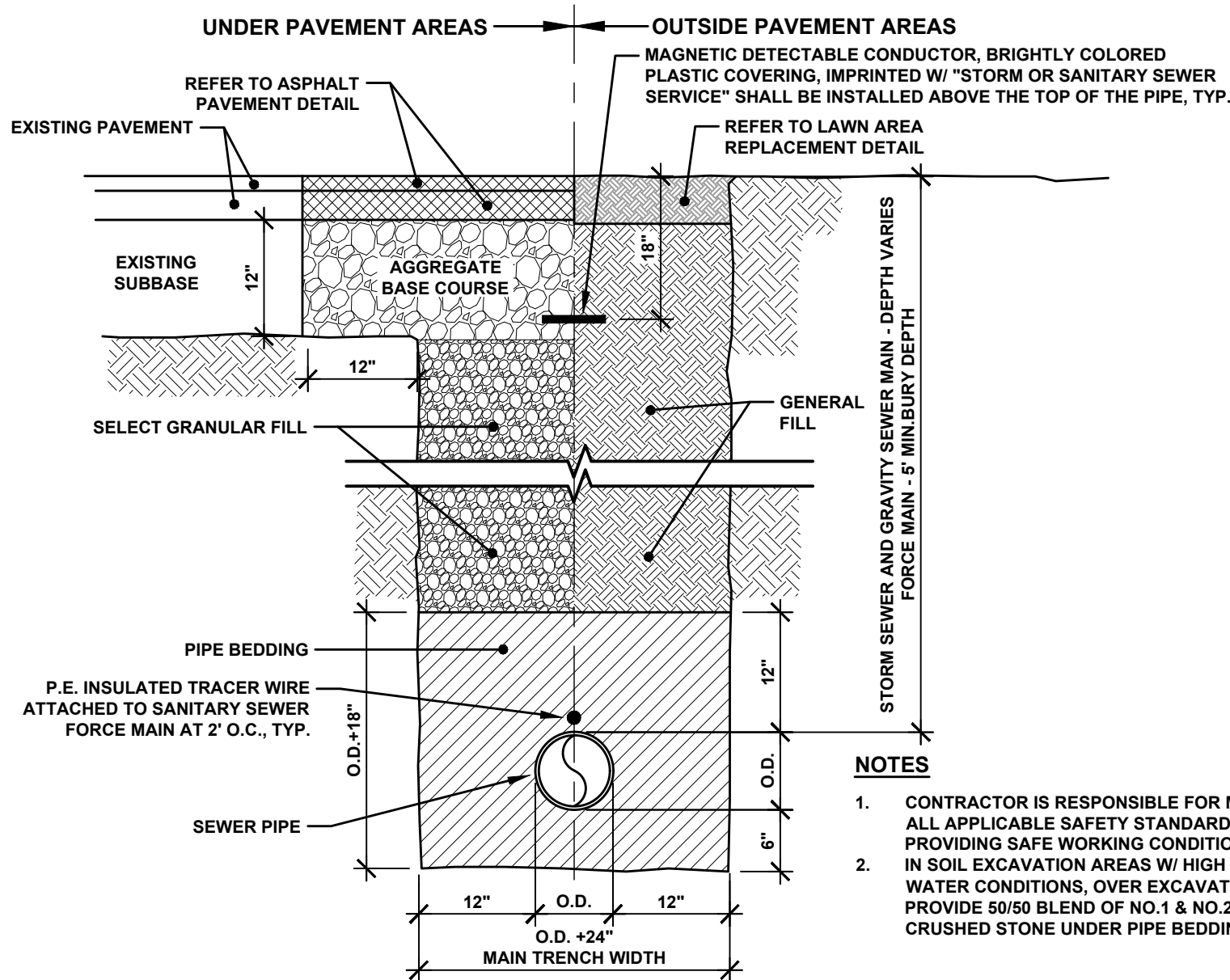
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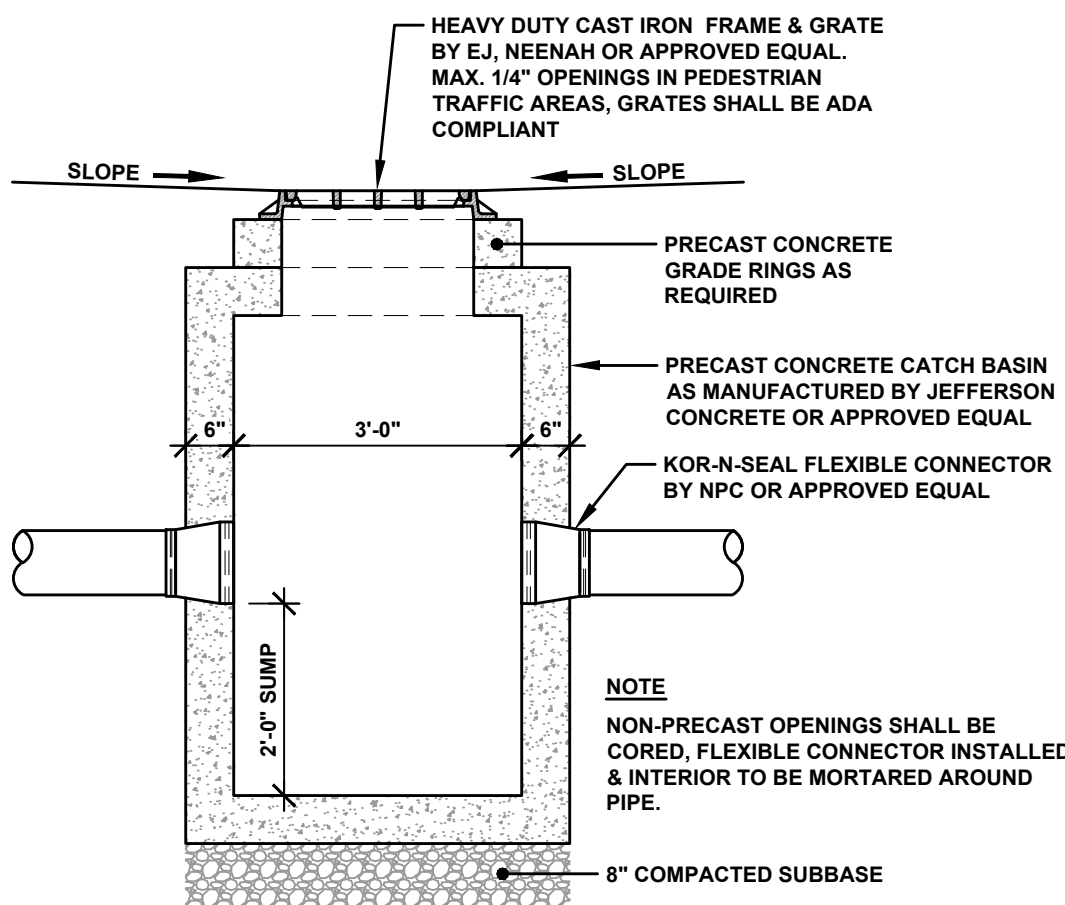
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		PROJECT NO. 2020-027

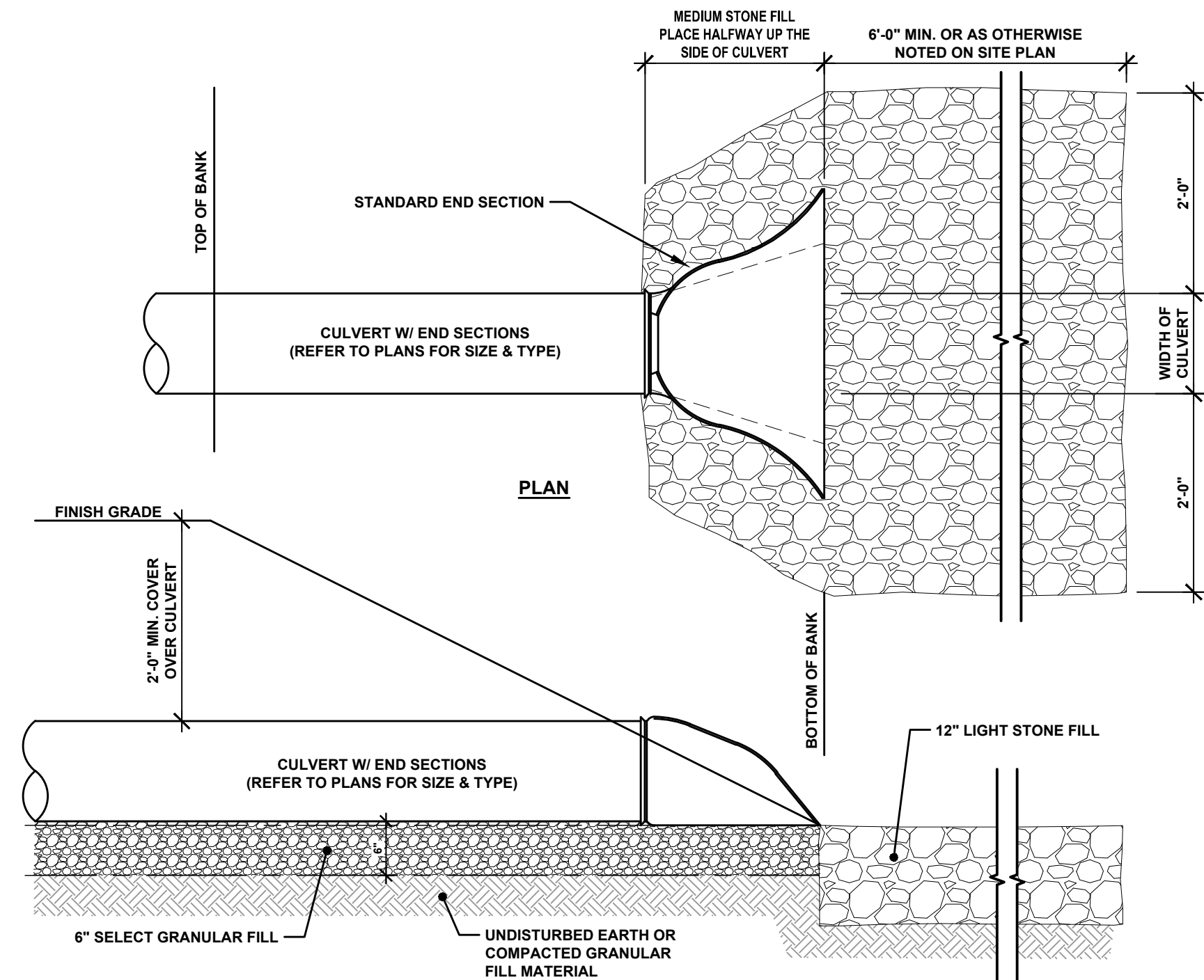
AD3/S2-1



SEWER TRENCH AND PIPE BEDDING DETAIL
NOT TO SCALE



CATCH BASIN DETAIL
NOT TO SCALE



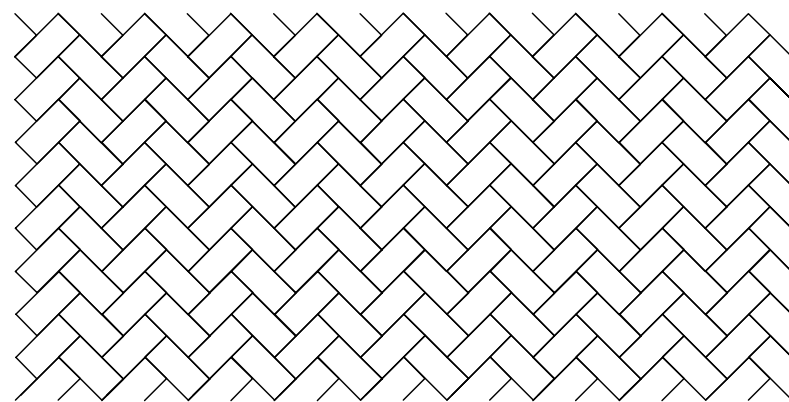
CULVERT AND END SECTION DETAIL
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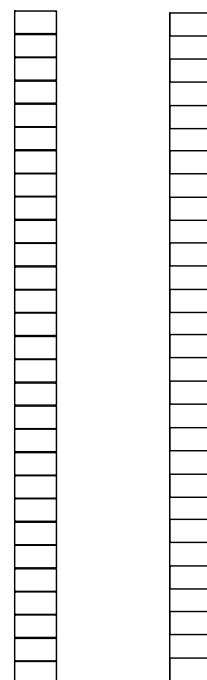
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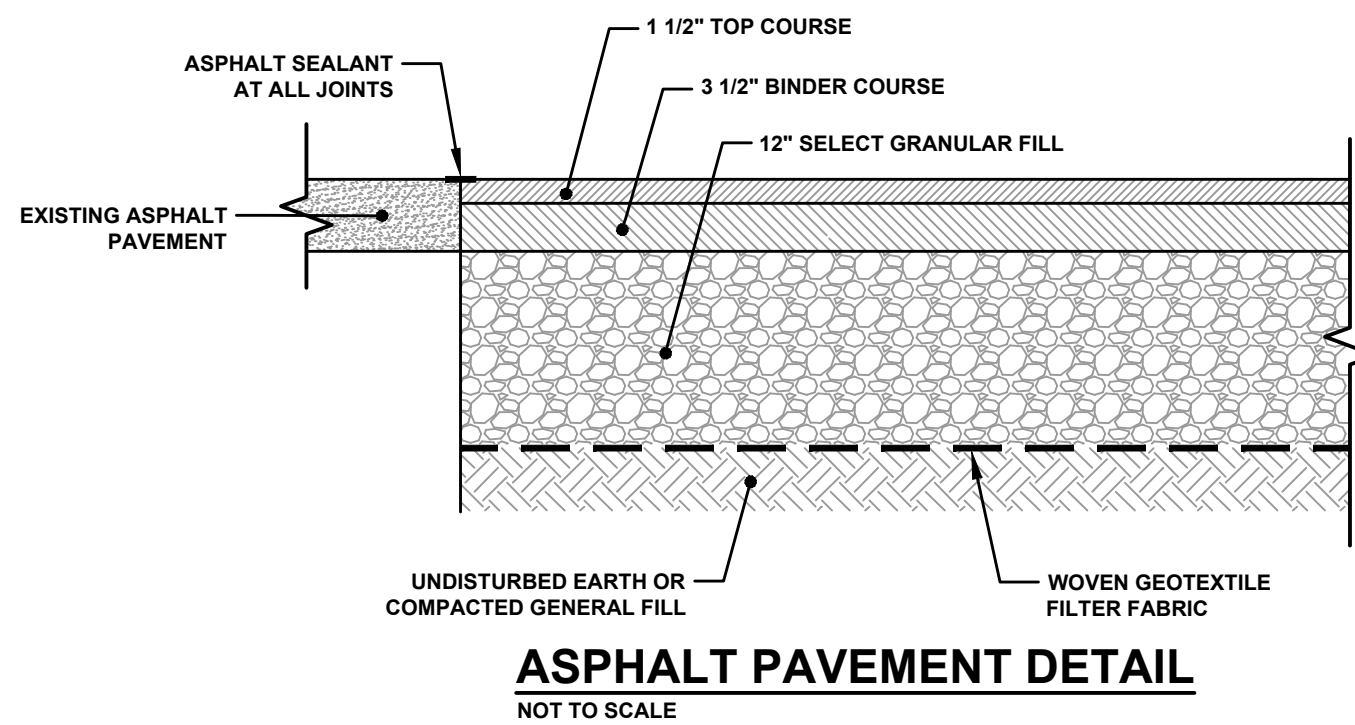
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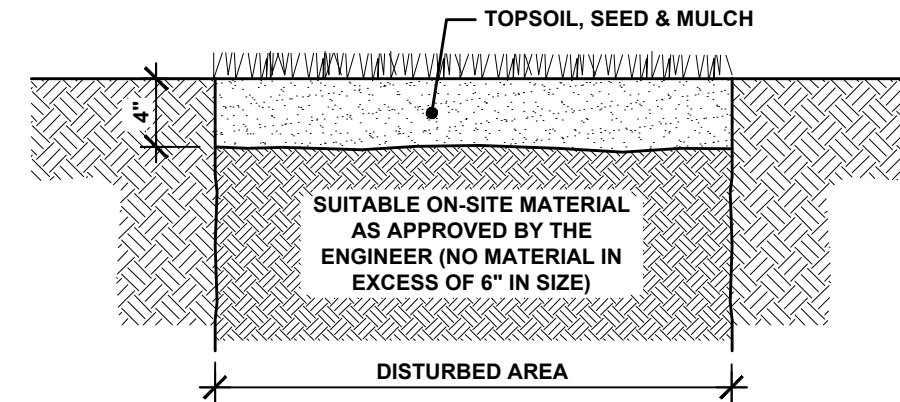
PLAN VIEW



PLAN VIEWS



ASPHALT PAVEMENT DETAIL
NOT TO SCALE



LAWN AREA DETAIL
NOT TO SCALE

5' X 10' ASPHALT CABLE STAMPING TEMPLATE
BRICK SIZES ARE: 3 3/4" X 4 3/4" (24.75 CM X 12.0 CM)
PATTERN IS HERRINGBONE BRICK WITH 3/8" (.75CM) MORTAR

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
 3. DO NOT SCALE DRAWING.
 4. THESE DRAWINGS ARE NOT FOR CONSTRUCTION PURPOSES AND ARE FOR INFORMATION PURPOSES ONLY. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 4728-007.

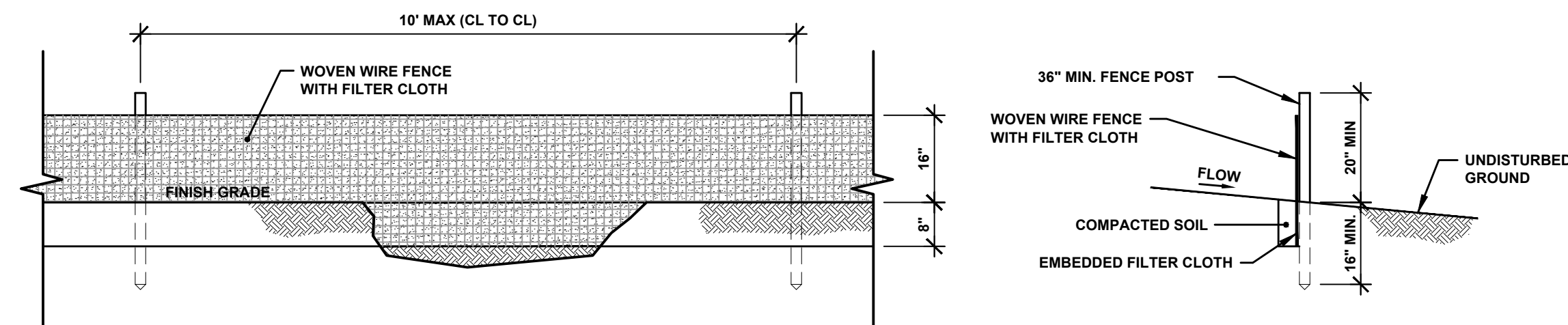


10' LENGTHS OF SOLID AND FLEXIBLE BORDER ASPHALT STAMPING TEMPLATES
BRICK SIZES ARE: 8 3/4" X 4 3/4" (22.25CM X 12.0CM)
PATTERN IS STACKED BRICK WITH 3/8" (.75CM) MORTAR
PROVIDED IN SOLID AND FLEXIBLE

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
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 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 4728-011.



CHAPIN ALLEY - SITE DETAILS		<div>BCA</div> <div>ARCHITECTS</div> <div>ENGINEERS</div>	<div>Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C.</div> <div>327 Mullin Street, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM</div> <div><small>COPYRIGHT 2022 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT IS A VIOLATION UNDER THE NEW YORK STATE EDUCATION LAW FOR ANY UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT AS PER ARTICLE 145 AND 147.</small></div> <div><small>THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE & NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.</small></div>	CHECKED BY:	CGR	SHEET NO.
VILLAGE OF SACKETS HARBOR MARKET SQUARE PARK REDI IMPROVEMENTS & REHABILITATION				DRAWN BY:	JBE	<div>D2-1</div>
				DATE:	05/06/2022	
				LAST REVISION:		
				SCALE:	AS NOTED	
COUNTY OF JEFFERSON - STATE OF NEW YORK		PRINTED FOR:	BID	PROJECT NO. 2020-027		



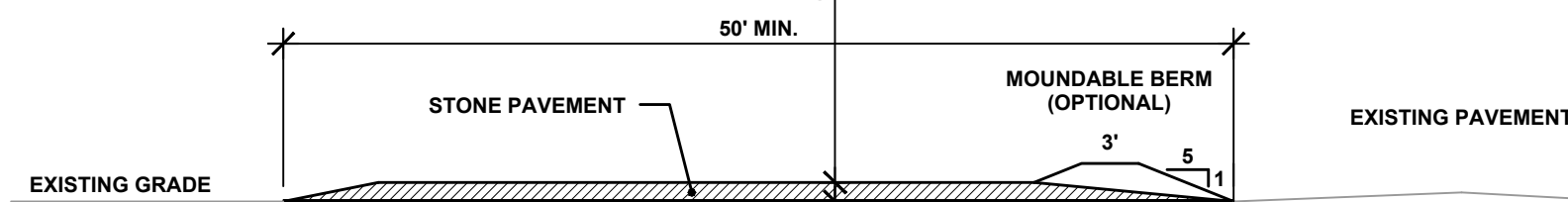
POSTS: STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
FENCE: WOVEN WIRE, 14 1/2 GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL.

NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.

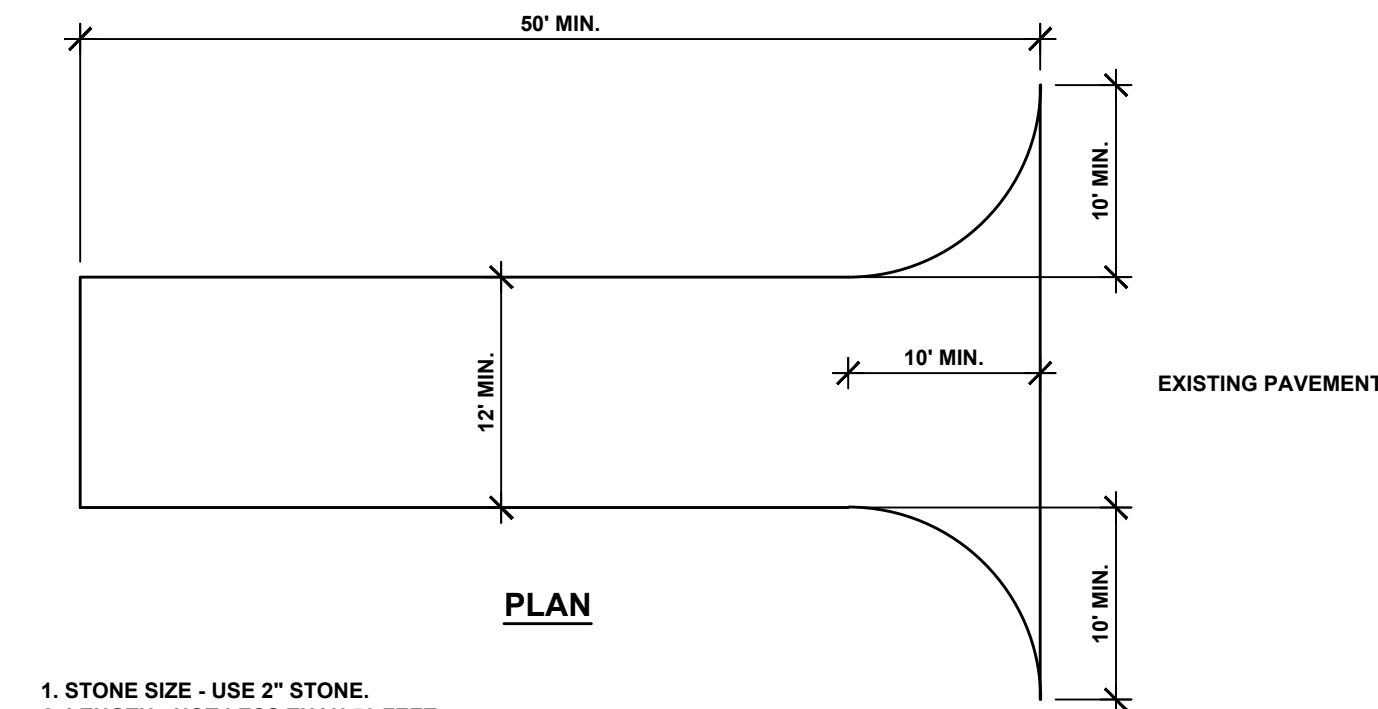
SILT FENCE DETAIL

NOT TO SCALE



ELEVATION

FILTER CLOTH - TERRATEX GS BY WEBTEC, INC, PROPEX 2002 BY AMOCO FABRICS COMPANY OR APPROVED EQUAL.

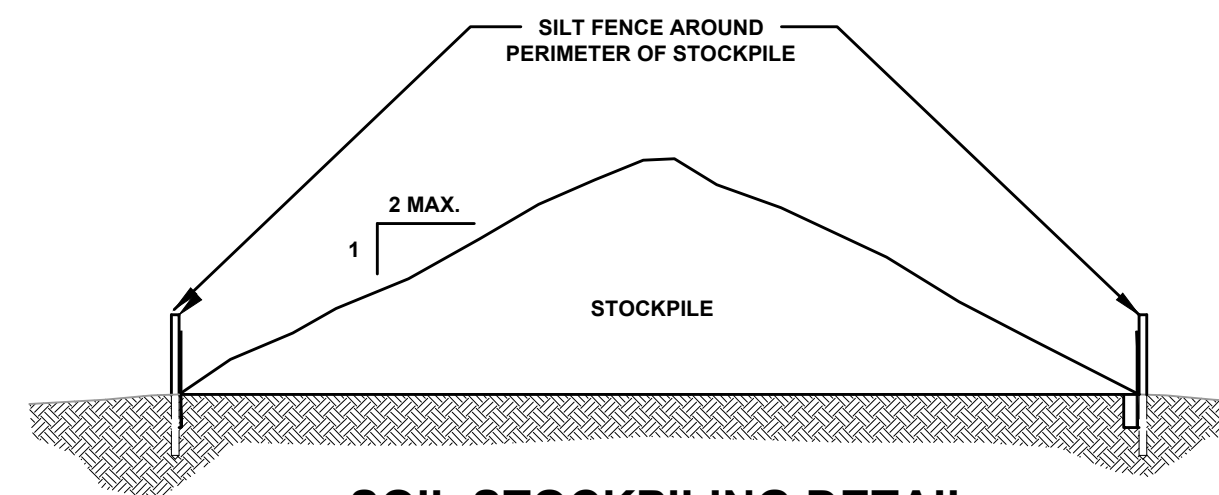


PLAN

1. STONE SIZE - USE 2" STONE.
2. LENGTH - NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FEET MINIMUM. BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS PRACTICAL. A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

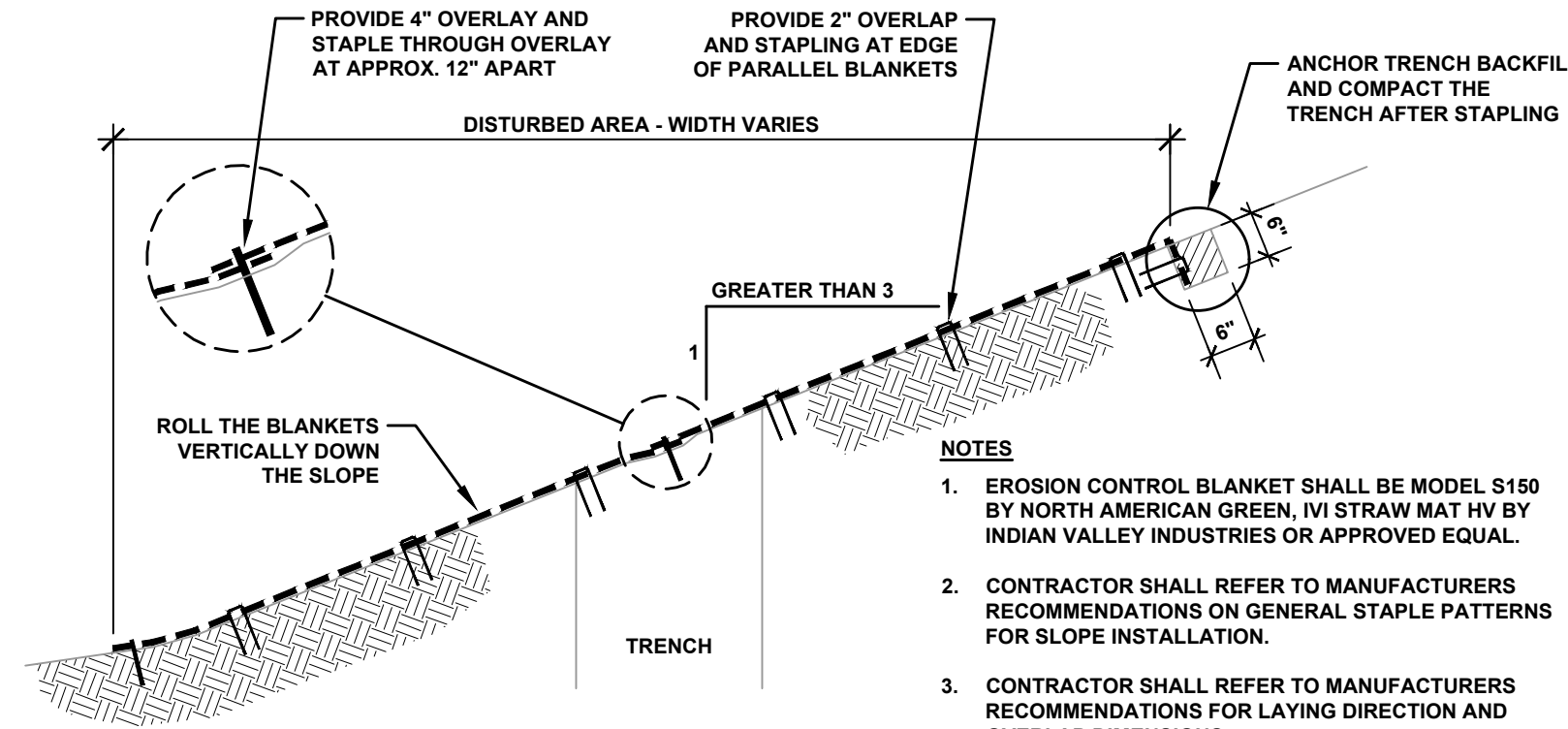


SOIL STOCKPILING DETAIL

NOT TO SCALE

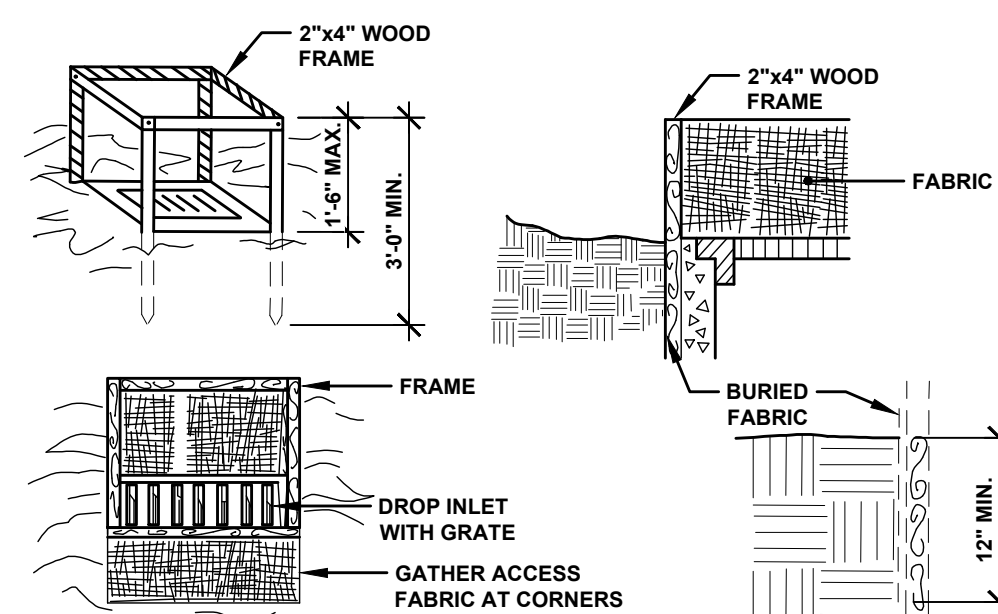
STORMWATER POLLUTION PREVENTION NOTES:

- THERE SHALL NOT BE MORE THAN FIVE (5) ACRES OF DISTURBED SOIL AT ANY ONE TIME.
- DISTURBED AREAS WITHIN THE NYS DOT HIGHWAY RIGHT-OF-WAY SHALL BE PROTECTED FROM EROSION WITHIN 7 DAYS, ALL OTHER AREAS SHALL BE PROTECTED WITHIN 14 DAYS.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON DISTURBED AREAS WITH 3:1 OR GREATER SLOPE OR IN CONCENTRATED FLOW PATHS.
- CONTRACTOR SHALL PREPARE AND CONTINUOUSLY UPDATE A CONSTRUCTION PHASING PLAN.
- CONTRACTOR SHALL PROVIDE LOCATIONS OF OFF-SITE MATERIAL, WASTE, BORROW OR EQUIPMENT.
- SOIL AND STONE STOCKPILES SHALL BE PROTECTED FROM EROSION. WHEN STOCKPILES ARE IN USE, THE PROTECTION SHALL BE REPLACED AT THE END OF EACH WORK DAY.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT STAGING AREAS TO PREVENT TRACKING SEDIMENT ONTO PUBLIC RIGHT-OF-WAY OR STREETS.
- CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND AFTER ALL RAINFALL EVENTS.
- CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES UNTIL PERMANENT RESTORATION IS ESTABLISHED.



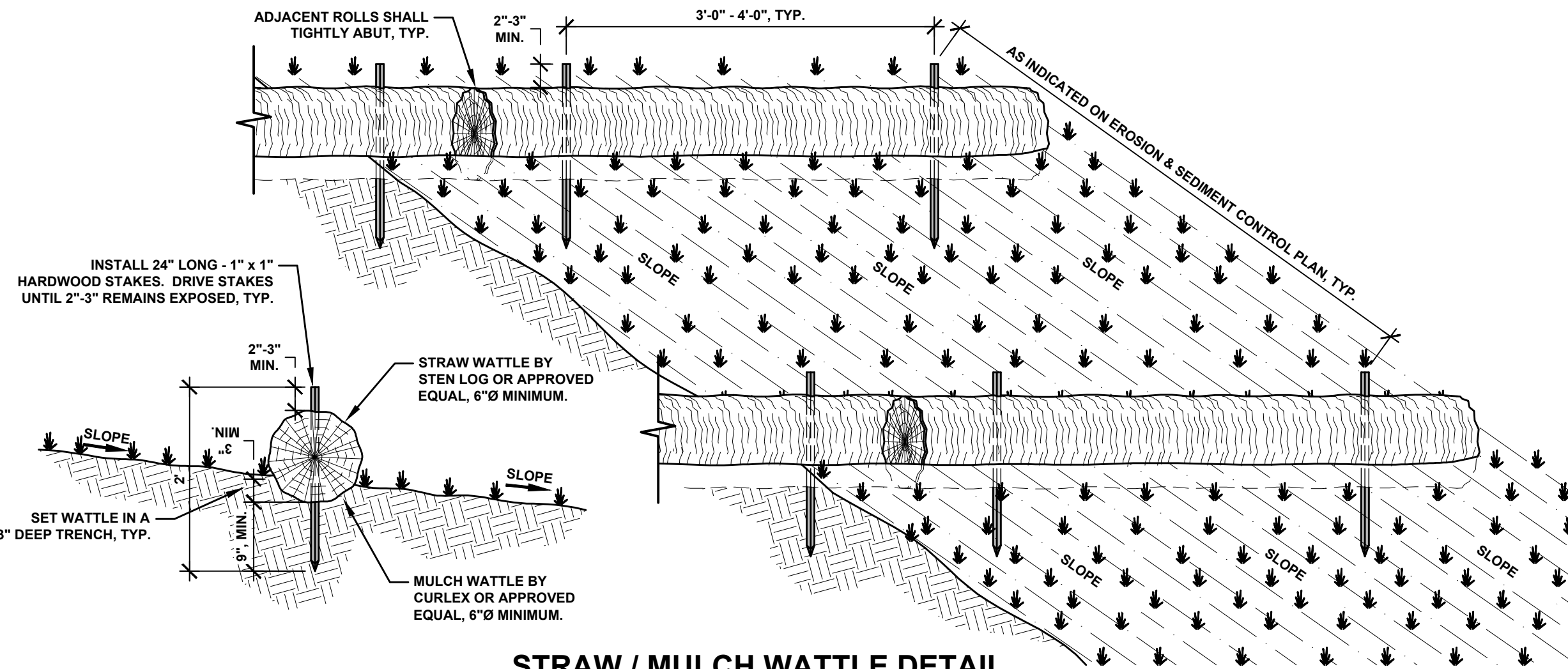
EROSION CONTROL BLANKET DETAIL

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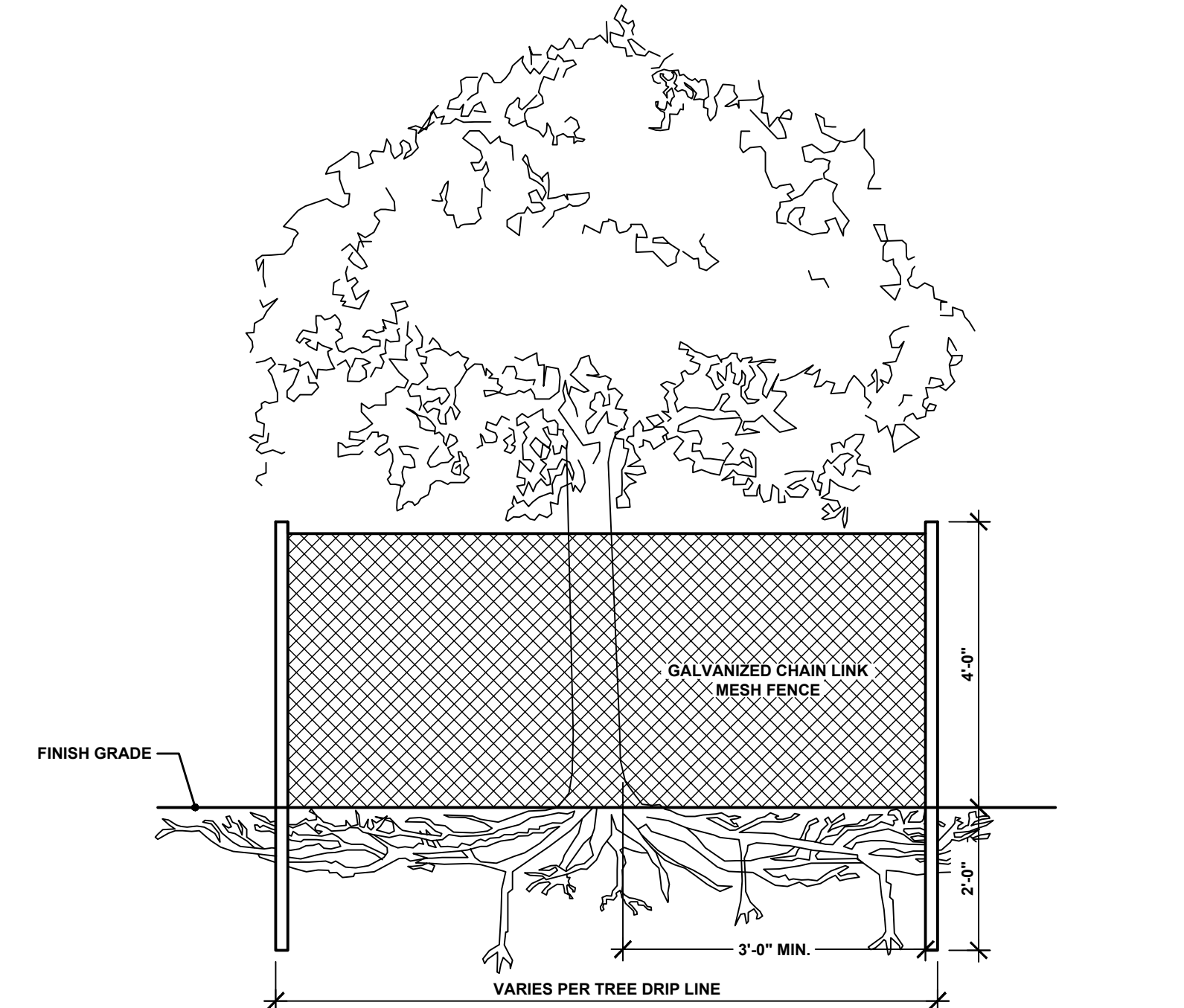
FABRIC DROP INLET PROTECTION DETAIL

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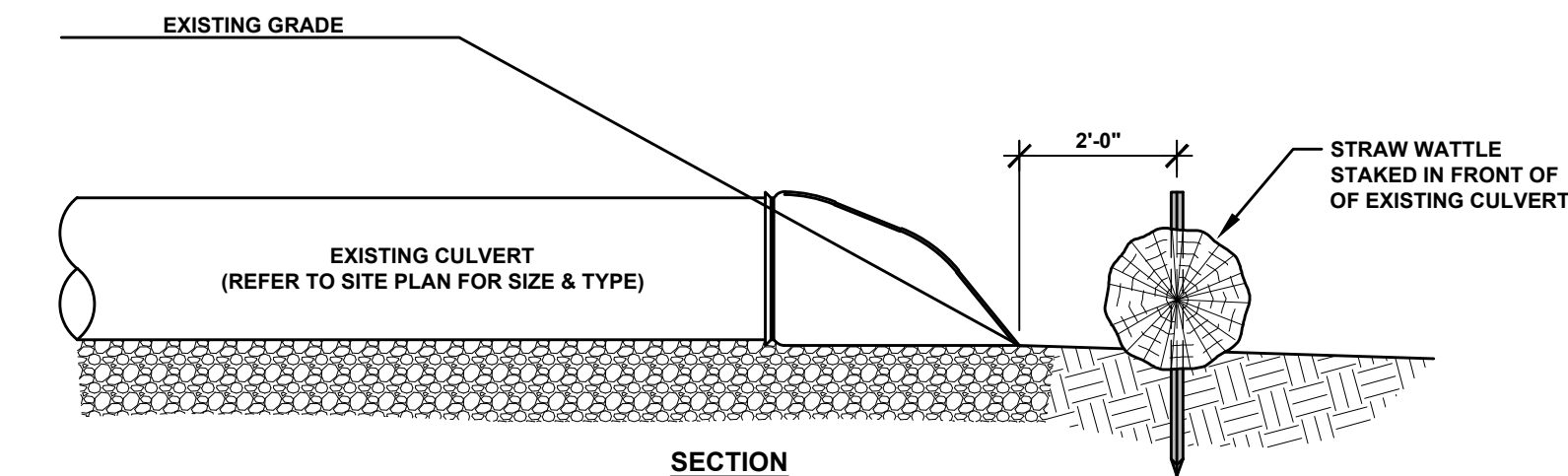
STRAW / MULCH WATTLE DETAIL

NOT TO SCALE

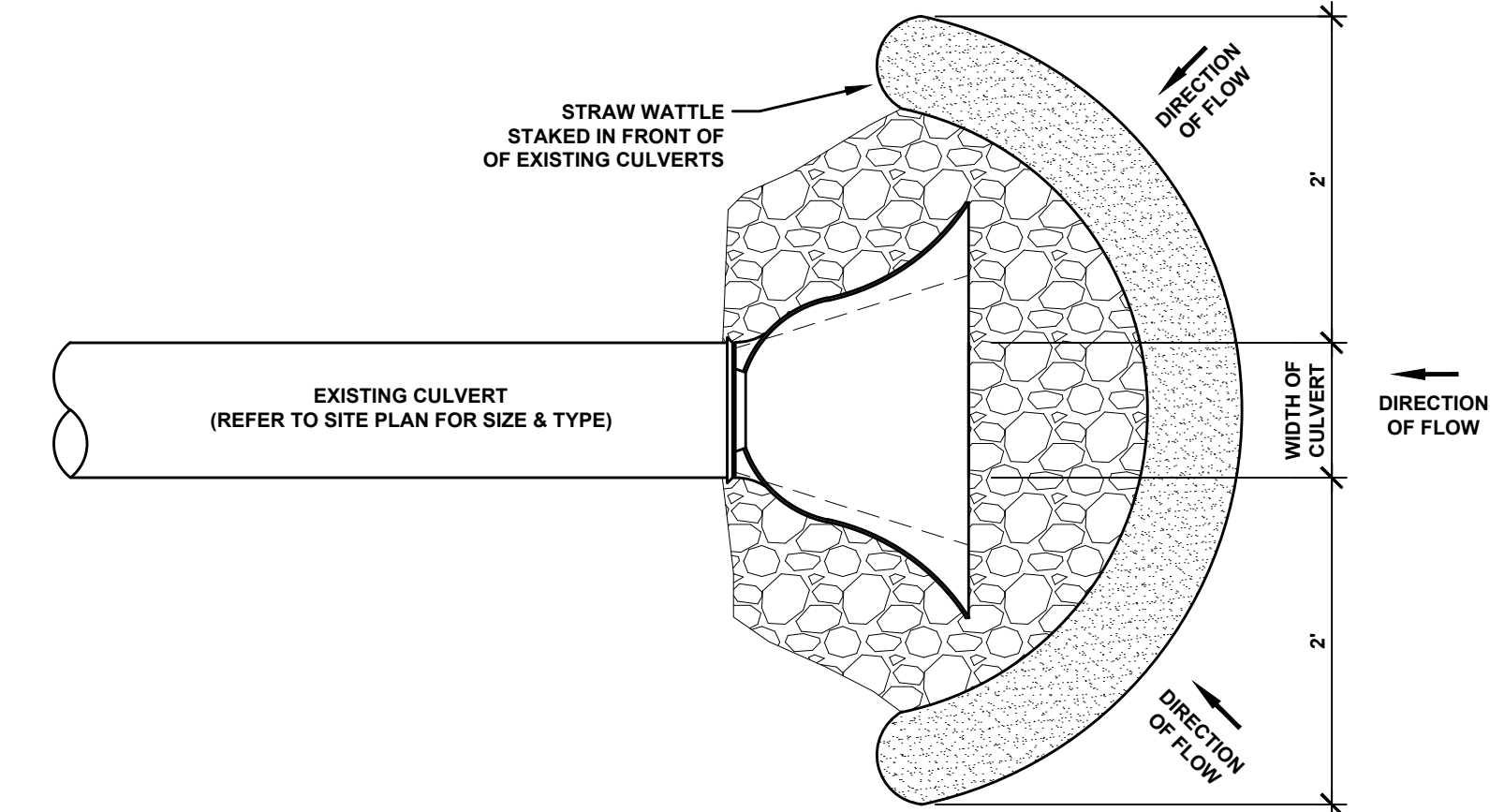


EXISTING TREE PROTECTION

NOT TO SCALE



SECTION



TEMPORARY CULVERT INLET PROTECTION DETAIL

NOT TO SCALE

EROSION AND SEDIMENT CONTROL DETAILS

VILLAGE OF SACKETS HARBOR
MARKET SQUARE PARK REDI
IMPROVEMENTS & REHABILITATION
COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA
ARCHITECTS
ENGINEERS

Bernier, Carr & Associates,
Engineers, Architects
and Land Surveyors, P.C.
327 Mullin Street, Watertown, NY 13601
(315) 782-8130 - WWW.THEBCGROUP.COM

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THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE
& NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.

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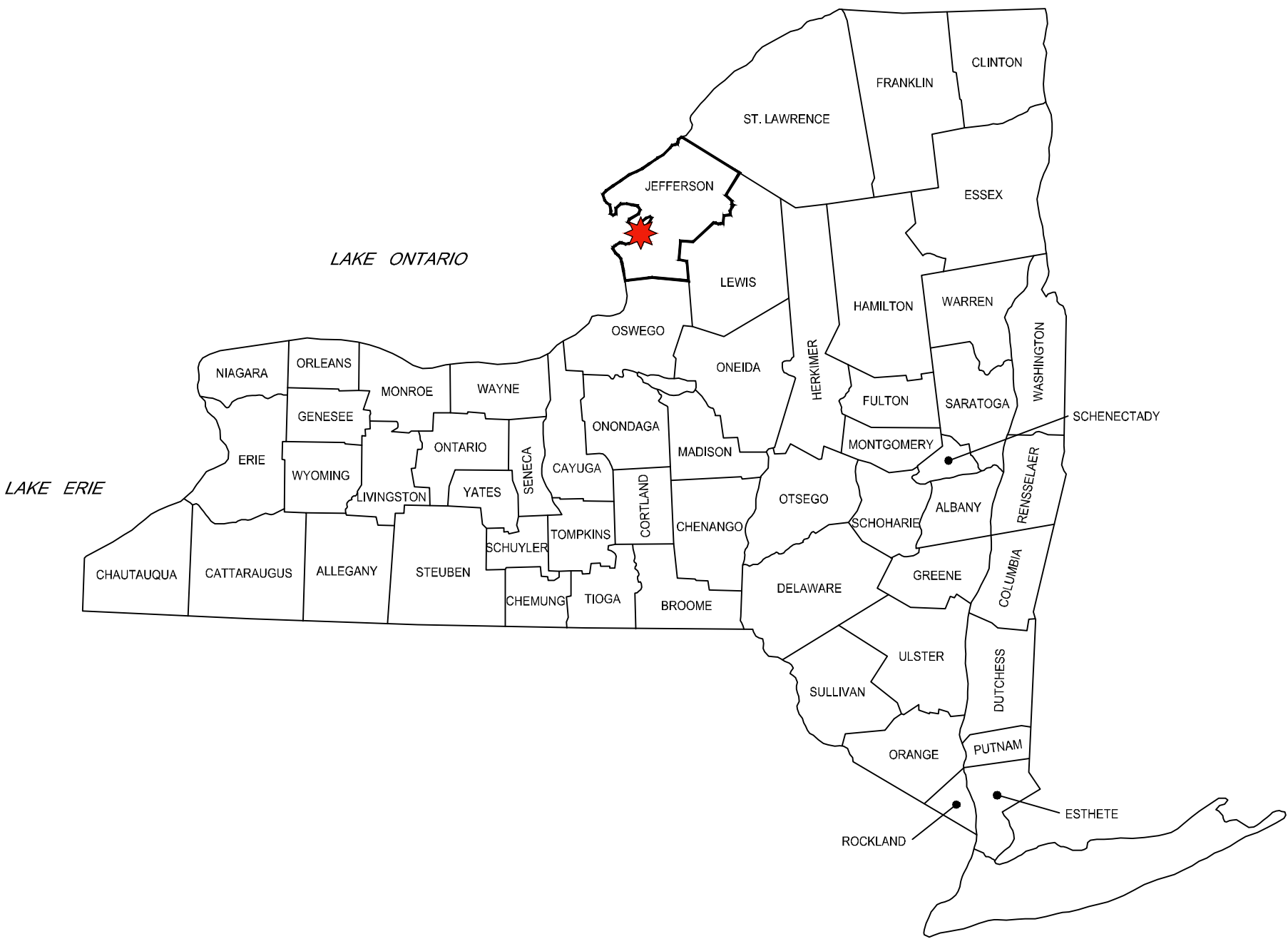
ESC-1

PROJECT NO.
2020-027

VILLAGE OF SACKETS HARBOR

REDI IMPROVEMENTS

REDI ASSET: SJ.280
COUNTY OF JEFFERSON - STATE OF NEW YORK



PRINTED FOR BID
03/01/2023

BCA ARCHITECTS ENGINEERS	Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM	SHEET NO.
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		PROJECT NO. 2020-027

GENERAL NOTES

1.

OWNERS NOTED ARE REPUTED OWNERS TAKEN FROM AVAILABLE TAX RECORDS.
2.

PROPERTY LINES ARE LOCATED FROM AVAILABLE TAX MAPS ON FILE IN THE JEFFERSON COUNTY CLERKS OFFICE AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
3.

ALL ELEVATIONS REFER TO NEW YORK STATE PLANE COORDINATE SYSTEM NAD83 83.
4.

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE LOCATION OF WHICH IS PRESENTLY NOT KNOWN.
5.

THE CONTRACTOR IS TO TAKE PARTICULAR CARE WHEN WORKING IN YARD AREAS OF HOMES, EXISTING GARDENS, SHRUBS, BUSHES, TREES, LEACH FIELDS, DRAINAGE PIPES, ETC., ARE TO BE PROTECTED, PRESERVED AND RESTORED WHERE DAMAGED AND/OR REMOVED AS PART OF THE WORK. CONTRACTOR SHALL CONFIRM LOCATION OF SEPTIC TANK, DRY WELLS AND LEACH FIELDS PRIOR TO CONSTRUCTION. TREES REMOVED WITHIN PERMANENT EASEMENT AREAS SHALL NOT BE REPLACED, UNLESS SO DIRECTED.
6.

TREES SHALL BE REMOVED ONLY AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING TREES WHERE UNAUTHORIZED TREE REMOVAL OCCURS.
7.

ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS WILL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT PRIOR TO CONSTRUCTION. OUTSIDE OF DESIGNATED CONTRACT WORK LIMIT AREAS THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION.
8.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFYING HIMSELF AS TO THE CHARACTERISTICS AND EXTENT OF SUBSURFACE SOILS, ROCK, WATER TABLE LEVELS, ETC., PRIOR TO BIDDING.
9.

VALVE BOX AND MANHOLE FRAMES ARE TO BE INSTALLED 1/4" BELOW AND MATCH SLOPE OF STREET GRADIENTS AND/OR CROWN OF PAVEMENT, WALKS, DRIVEWAYS, AND PARKING AREAS. VALVE BOXES OUTSIDE OF PAVEMENT AREAS SHALL BE MARKED WITH MARKER POSTS.
10.

TRENCH BACKFILL MATERIAL OUTSIDE PAVEMENT AREAS SHALL BE SUITABLE ON-SITE MATERIAL AS APPROVED BY THE ENGINEER.
11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS AND BONDS NECESSARY TO OBTAIN SAID PERMITS NECESSARY TO EXECUTE HIS CONTRACT WORK.
12.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE MEANS AND EQUIPMENT NECESSARY TO MAINTAIN THE MINIMUM TRENCH WIDTHS ESTABLISHED IN THE CONTRACT DOCUMENTS.
13.

THE CONTRACTOR SHALL EMPLOY ROCK EXCAVATION MEANS AND PRACTICES WHICH PROTECT THE INTEGRITY OF EXISTING PUBLIC AND INDIVIDUAL WATER SUPPLY WELLS/FACILITIES/STRUCTURES.
14.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OF DIMENSIONS, ELEVATIONS AND LOCATIONS DURING PRE-CONSTRUCTION FIELD VERIFICATION BEFORE CONSTRUCTION BEGINS.
15.

EXCAVATION SPOILS SHALL BE SUITABLY DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL ABIDE BY ALL NYSDEC AND NYSDOH REGULATIONS AND STANDARDS ASSOCIATED WITH THE PROJECT.
16.

THE CONTRACTOR SHALL PROVIDE REQUIRED EROSION CONTROL MEASURES FOR THE DURATION OF THE PROJECT.
17.

ANY EXISTING FENCES, RETAINING WALLS, OUT-BUILDINGS, MAILBOXES, FLAG POLES, LAWN ORNAMENTS, ETC., REMOVED DURING CONSTRUCTION SHALL BE REPLACED AND/OR REPAIRED.
18.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE HIGH VOLTAGE PROXIMITY ACT.
19.

ALL SALVAGE ITEMS SHALL REMAIN THE PROPERTY OF THE VILLAGE AND ARE TO BE STORED AT A LOCATION DESIGNATED BY SAME.
20.

PROPOSED LOCATION OF NEW SEWER & WATER LINES ARE SUBJECT TO CHANGE (AS ORDERED BY THE ENGINEER) PENDING ENCOUNTERS WITH THE VARIOUS FIELD CONDITIONS OR OTHER UNFORESEEN CIRCUMSTANCES.
21.

THE CONTRACTOR (EACH CONTRACTOR OF HIS RESPECTIVE WORK LIMITS) IS RESPONSIBLE FOR THE VERIFICATION OF LOCATION AND STAKEOUT OF EXISTING UNDERGROUND UTILITIES (i.e., ELECTRICAL SERVICES, CELLAR DRAINS, WATER SERVICES, STORM SEWERS, UNDERGROUND ELECTRICAL AND SUBSURFACE SEWAGE DISPOSAL FACILITIES (SUCH AS SEPTIC TANKS, LEACH FIELDS, DRY WELLS AND DRAIN LINES), THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH DIG SAFELY NEW YORK, THE VILLAGE OF SACKETS HARBOR, JEFFERSON COUNTY HIGHWAY DEPT., NYSDOT, AND ANY OTHER AGENCY OR INDIVIDUALS TO SATISFACTORILY STAKEOUT THE EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TAKE CARE IN THE PROTECTION OF EXISTING UNDERGROUND WATER SYSTEM MAINS & SERVICE LATERALS (IN ALL NEW CONSTRUCTION AREAS) & CONDUCT WORK IN ACCORDANCE WITH NYSDOH REQUIREMENTS.
22.

ANY MANHOLE FRAMES LOCATED IN ROADSIDE DITCHES OR OTHER LOW LYING AREAS SHALL BE SLIGHTLY ELEVATED (AS ORDERED BY ENGINEER) TO PREVENT ENTRY OF STORMWATER RUNOFF.
23.

NEW DESIGN INVERT ELEVATIONS SHOWN AT MANHOLES ARE OF PIPE INVERTS EXTENDED TO CENTERLINE OF MANHOLES AND WERE COMPUTED USING DISTANCES BETWEEN CENTERLINE OF MANHOLES AND GRADES. DISTANCES ON PROFILES ARE AS MEASURED HORIZONTALLY.
24.

THE CONTRACTOR SHALL PERFORM CONSTRUCTION WORK IN ROADWAYS IN ACCORDANCE WITH THE VILLAGE OF SACKETS HARBOR DEPARTMENT OF PUBLIC WORKS, JEFFERSON COUNTY HIGHWAY DEPARTMENT AND NYSDOT REQUIREMENTS AND PERMIT CONDITIONS, RESPECTIVELY.
25.

ALL CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL VILLAGE, OSHA, JEFFERSON COUNTY HIGHWAY DEPARTMENT, AND NYSDOT CONSTRUCTION REQUIREMENTS INCLUDING USE OF HARD HATS, BARRICADES, TRENCHING SHIELDS, TRENCH SHORING, TRAFFIC CONTROL, BLASTING SAFETY, SIGNS, LIGHTS, ETC.
26.

CONTRACTOR SHALL ATTEND PRE-BLAST CONFERENCE PRIOR TO BLASTING.
27.

CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING DAMAGE OUTSIDE THE CONTRACT PAYMENT LIMITS AT NO ADDITIONAL COST AS A RESULT OF BLASTING, ROCK REMOVAL BY NON-BLASTING METHODS OR GENERAL EXCAVATION.
28.

CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING DAMAGE OUTSIDE THE CONTRACT PAYMENT LIMITS AT NO ADDITIONAL COST AS A RESULT OF ROCK REMOVAL BY NON-BLASTING METHODS OR GENERAL EXCAVATION.
29.

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT RESPECTIVE PROPERTY OWNERS TO FIELD STAKEOUT LOCATIONS OF EXISTING BURIED UTILITIES, DRAIN LINES, ELECTRICAL SERVICES, ETC.;
30.

EACH CONTRACTOR SHALL PROVIDE RECORD DRAWINGS (WITHIN WORK LIMIT AREAS PER RESPECTIVE CONTRACT) INCLUDING AS A MINIMUM THE FOLLOWING INFORMATION AS WELL AS ALL REQUIREMENTS OF THE SPECIFICATIONS:
- THE CONTRACTOR SHALL DAILY LOCATE AND RECORD (BY MEASURED STATIONING) ALL LATERAL CONNECTIONS TO MAIN LINE;

•

ALL MAIN LINE; ALL UTILITY CROSSINGS AND REPAIRS (i.e. DRAIN LINES, WATER, STORM, CABLE, ETC.) AND VALVES.

•

STATIONING OF ALL UTILITIES ENCOUNTERED IN TRENCH EXCAVATION WITH RESPECTIVE STATIONING PER EACH NEW WATER SECTION CONSTRUCTION, NOTING DIAMETER AND DEPTH OF UTILITY.

•

WATER, SEWER, DRAIN LINES, ETC. THIS INFORMATION "SHALL BE KEPT ON A WEEKLY BASIS" ON A CLEAN SET OF SITE CONTRACT DRAWINGS MARKED "FIELD RECORD DRAWINGS".

•

CONCRETE VAULTS, ACCESS ROAD ELEVATIONS, WATER STORAGE TANK ELEVATIONS, ALL DIMENSIONS AND UTILITY LOCATIONS, ETC. WITHIN CONTRACT WORK LIMITS.

•

DENOTE BENCHMARK REFERENCE POINTS USED.

•

DENOTE ON THE ORIGINAL CONTRACT DRAWINGS, ANY FIELD CHANGES OF DIMENSIONS AND DETAILS, AND ALL CHANGES MADE BY CHANGE ORDER OR FIELD ORDER.

•

LOCATE ANY UTILITY RELOCATIONS.

•

PROVIDE TWO (2) SETS OF FINAL COMPLETE RECORD DRAWINGS AND BINDER (8-1/2"x11") OF LATERAL INFORMATION WITH LOCATION MEASUREMENTS FOR EACH PROPERTY.

•

NO FINAL PAYMENT NOR CERTIFICATE OF SUBSTANTIAL COMPLETION SHALL BE ISSUED UNTIL RECORD DRAWINGS ARE SUBMITTED AND ACCEPTABLE TO ENGINEER.
- NYSDEC SPECIAL CONDITIONS
1.

DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATER OF NEW YORK STATE, NOR SHALL WASHINGS FROM REDI-MIX TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS.

2.

USE OF TIMBERS (WOOD) TREATED WITH PENTACHLOROPHENEL OR WITH CREOSOTE (AND RELATED OIL BASE TRANSPORT PRESERVATIVES) IS STRICTLY PROHIBITED.

3.

ANY DEBRIS OR EXCESS MATERIAL FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL STREAM AREAS TO AN UPLAND DISPOSAL AREA.

4.

ALL DREDGED AND EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AN UPLAND SITE AND BE SUITABLY STABILIZED SO THAT IT CANNOT REENTER ANY WATER BODY OR WETLAND AREA.

5.

SILT FENCE OR OTHER EQUIVALENT PRACTICES FROM THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", DATED AUGUST 2005, SHALL BE USED ON THE DOWN SLOPE EDGE OF ANY ADJACENT TO WATER COURSE. THIS BARRIER TO SEDIMENTS IS TO BE PUT IN PLACE BEFORE ANY DISTURBANCE OF THE GROUND OCCURS AND IS TO BE MAINTAINED IN GOOD CONDITION UNTIL ALL DISTURBED LAND IS HEAVILY VEGETATED.

6.

EXCAVATED TOPSOIL MAY BE SEPARATED FROM SUBSOIL AND STOCKPILED. THE TOPSOIL, IF APPROVED BY ENGINEER, IS TO BE USED AS FINAL SOIL COVER DURING SITE GRADING OPERATIONS.

7.

THE WORK SHALL BE GRADED TO MATCH AS UNIFORMLY AS POSSIBLE THE ELEVATION AND CONTOURS AT THE UNDISTURBED LAND IMMEDIATELY ADJACENT TO THE WORK AREA.

8.

ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE PROTECTED FROM EROSION FROM THE TIME OF INITIAL DISTURBANCE. DISTURBED AREAS SHALL BE SEEDED WITH AN APPROVED GRASS SEED AND MULCHED WITH STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER HAS BEEN ESTABLISHED.

9.

IF SEEDING IS IMPRACTICAL DUE TO THE TIME OF YEAR, A TEMPORARY MULCH SHALL BE APPLIED AND MAINTAINED AND FINAL SEEDING SHALL BE PERFORMED DURING THE FIRST PERIOD AFTER PROJECT COMPLETION WHEN WEATHER CONDITIONS FAVOR GERMINATION AND GROWTH.

10.

IMMEDIATELY FOLLOWING PROJECT COMPLETION, ANY AREAS OF EXCAVATION AT ENTRY AND EXIT POINTS TO A STREAM SHALL BE RESTORED TO THEIR NATURAL CONDITION AND STABILIZED BY SEEDING AND MULCHING OR BY PLACEMENT OF NATURAL STONE RIPRAP.

11.

ANY IN WATER WORK REQUIRED FOR THE CROSSING OF A WATER COURSE SHALL BE ACCOMPLISHED IN ACCORDANCE WITH NYSDEC REQUIREMENTS.

12.

DURING PERIODS OF WORK ACTIVITY, FLOW PAST THE SITE WILL EQUAL FLOW IMMEDIATELY UPSTREAM OF THE SITE UNLESS SPECIFICALLY PERMITTED OTHERWISE.

13.

THE STREAM OR RIVER PIPELINE CROSSING TRENCH SHALL BE OPENED, INSTALLATION ACCOMPLISHED AND BACKFILLED IN ONE CONTINUOUS OPERATION. CONTRACTOR SHALL SUBMIT COFFERDAM DETAILS FOR APPROVAL AND COMPLY WITH ALL NYSDEC AND U.S. ARMY CORP. OF ENGINEERS PERMIT CONDITIONS.


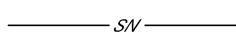
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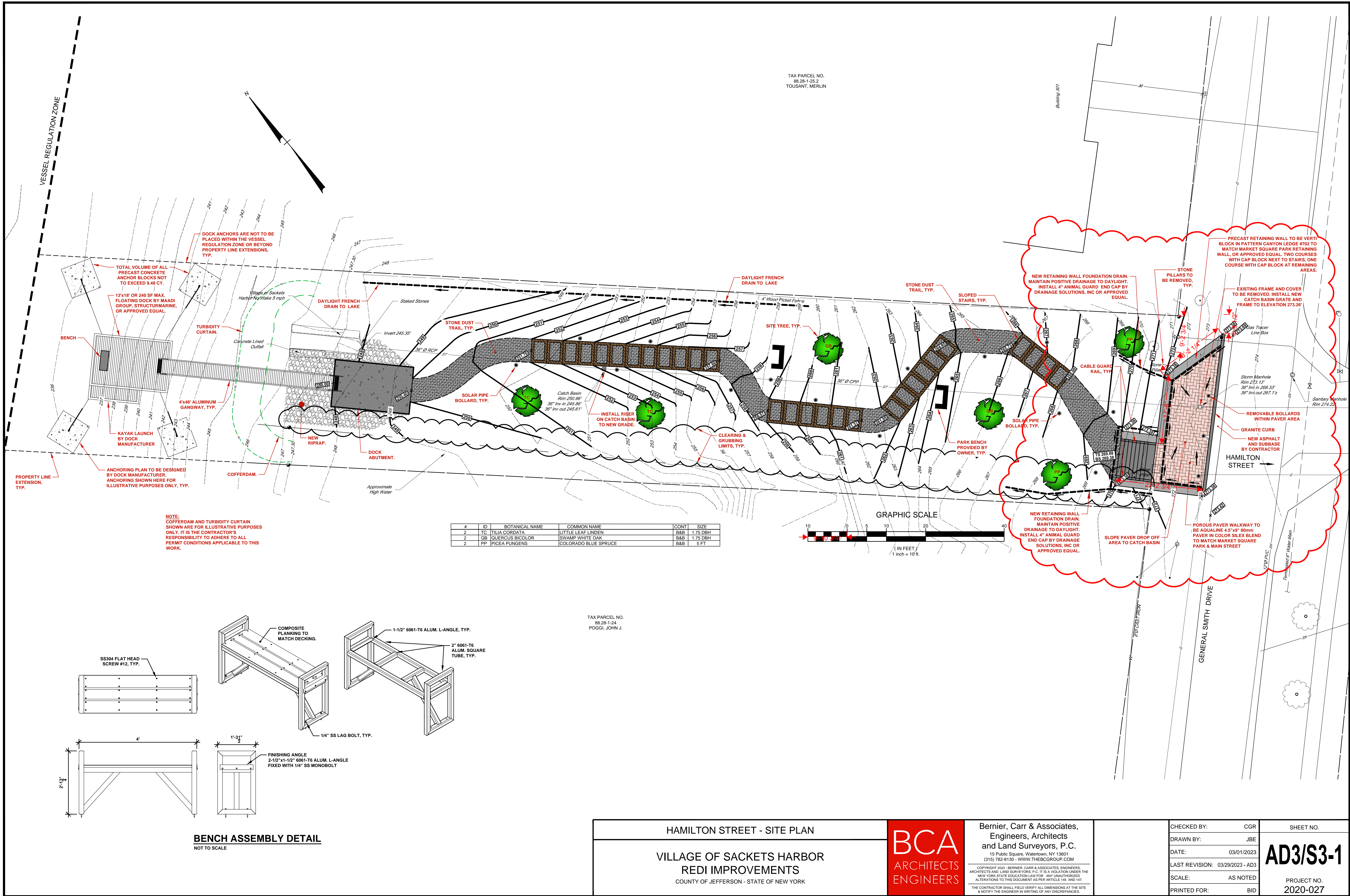
ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PRECLUDE THE CONTAMINATION OF ANY WETLAND OR WATERWAY BY SUSPENDED SOLIDS, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, PAINTS, CONCRETE, LEACHATE OR ANY OTHER ENVIRONMENTALLY DELETERIOUS SUBSTANCE ASSOCIATED WITH THE PROJECT. CONTRACTOR SHALL SUBMIT EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL AND COMPLY WITH ALL NYSDEC AND U.S. ARMY CORP. OF ENGINEERS PERMIT CONDITIONS.

15.

NO GARBAGE, LOOSE PAPERS OR TOXIC OR HAZARDOUS MATERIALS SHALL BE USED AS FILL.

16.

CONTRACTORS SHALL COMPLY WITH NYSDEC STORMWATER GENERAL PERMIT, ARTICLE 15 PROTECTION OF WATERS, AND ARTICLE 24 FRESHWATER WETLANDS REQUIREMENTS. THESE REQUIREMENTS SHALL HAVE PRIORITY, IF IN CONFLICT WITH ABOVE NOTES 1-15. CONTRACTOR SHALL BE PROVIDED NYSDEC ISSUED PERMITS IN ORDER TO ENSURE PERMIT COMPLIANCE.
- INDEX OF DRAWINGS
- | | |
|-------|---|
| COVER | |
| S3-1 | HAMILTON STREET - SITE PLAN |
| D3-1 | HAMILTON STREET - ABUTMENT AND SLAB DETAILS |
| D3-2 | HAMILTON STREET - SITE DETAILS |
| S4-1 | HARBOR MASTER - SITE PLAN |
| D4-1 | HARBOR MASTER - SITE DETAILS |
| S5-1 | THIRD ALARM - SITE PLAN |
| D5-1 | THIRD ALARM - SITE DETAILS |
| S6-1 | ONTARIO STREET OUTFALL - SITE PLAN |
| S7-1 | PICKERING BEACH - SITE PLAN |
| D7-1 | PICKERING BEACH - SITE PLAN |
| ESC-1 | EROSION AND SEDIMENT CONTROL DETAILS |
| WZ-1 | WORK ZONE TRAFFIC CONTROL GENERAL NOTES |
| WZ-2 | WORK ZONE TRAFFIC CONTROL PLAN |
- LEGEND
- | | | | | |
|---|-------------------|---|----|-------------------------------|
|  | NEW DOCK PEDESTAL |  | W | NEW WATER SERVICE |
|  | NEW CURB STOP |  | FM | NEW SANITARY SEWER FORCE MAIN |
|  | SEWER MANHOLE |  | | ROADWAY MARGIN |
|  | CATCH BASIN |  | | PROPERTY LINE |
|  | FIRE HYDRANT |  | W | WATER LINE |
|  | WATER VALVE |  | SV | SANITARY SEWER LINE |
|  | METER PIT |  | ST | STORM SEWER LINE |
|  | GAS VALVE |  | | CULVERT |
|  | LIGHT POLE |  | LE | UNDERGROUND ELECTRIC |
|  | MAIL BOX |  | G | GAS LINE |
|  | UTILITY POLE | | | |
- INDEX OF DRAWINGS, LEGEND AND NOTES
- VILLAGE OF SACKETS HARBOR
REDI IMPROVEMENTS
COUNTY OF JEFFERSON - STATE OF NEW YORK
- BCA
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- PROJECT NO.
2020-027



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TAX PARCEL NO.
88.28-1-24
POGGI, JOHN J.

HAMILTON STREET - SITE PLAN
VILLAGE OF SACKETS HARBOR
REDI IMPROVEMENTS
COUNTY OF JEFFERSON - STATE OF NEW YORK

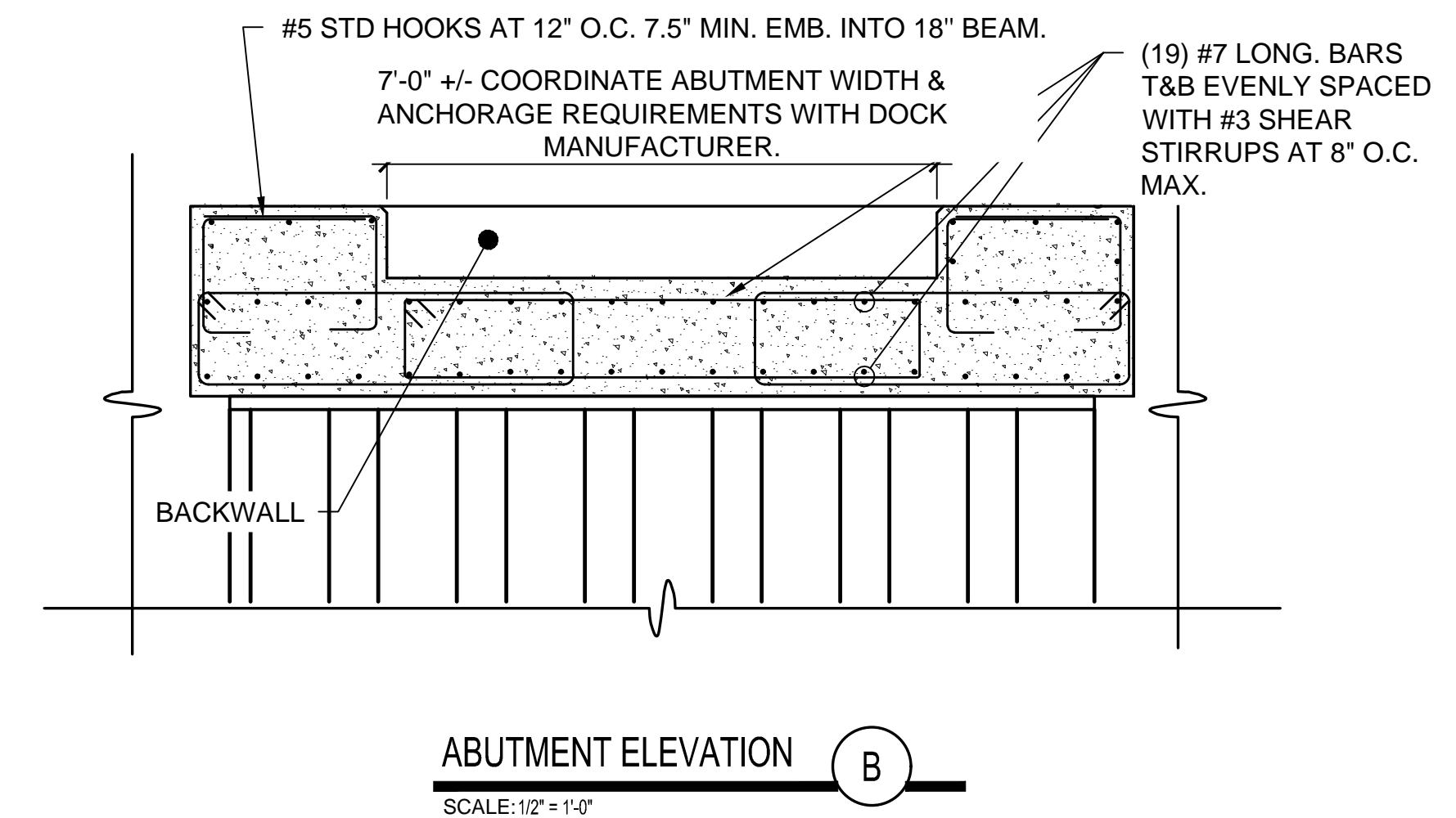
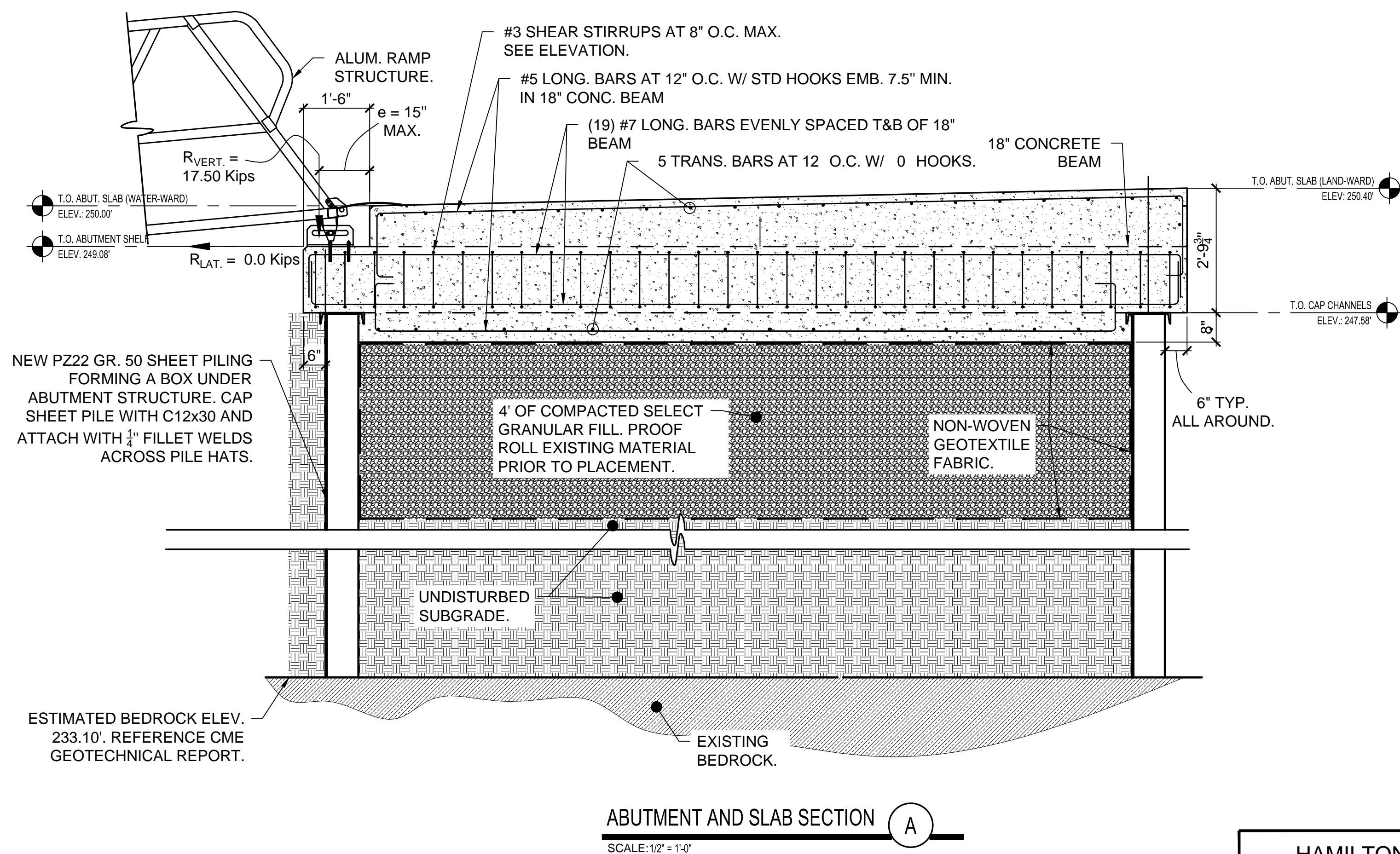
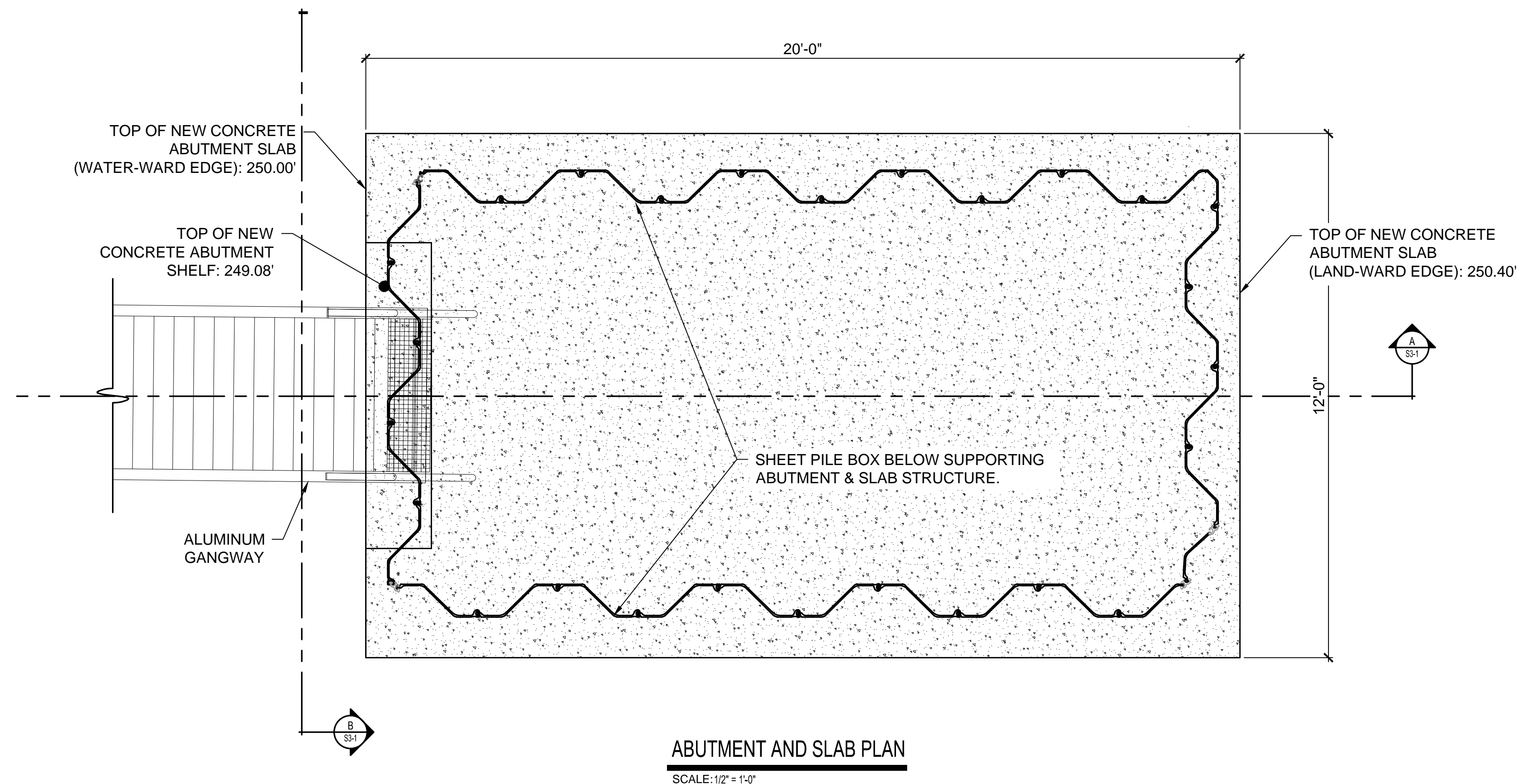
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SHEET NO.
AD3/S3-1
PROJECT NO.
2020-027



GENERAL FOUNDATION NOTES:

1. ALL BAR REINFORCEMENT LAP SPLICES SHALL BE 40 x BAR DIA. OR 2'-0" MINIMUM UNLESS NOTED OTHERWISE. ALL WIRE MESH SHALL HAVE LAP SPLICES OF 8" MIN.
2. MATERIAL REQUIREMENTS FOR REINFORCEMENT & CONCRETE - SEE SPECIFICATIONS.
3. BEARING CAPACITY FOR FOOTINGS BEARING ON COMPETENT BEDROCK: 20,000 PSF.
4. FROST DEPTH = 5'-0".

RAMP ANCHORAGE NOTES:

1. $R_{VERT.}$ = THE MAXIMUM ALLOWABLE FACTORED VERTICAL REACTION IMPOSED BY THE ENTIRE RAMP STRUCTURE ONTO THE BEARING SEAT OF THE ABUTMENT STRUCTURE.
2. $R_{LAT.}$ = THE MAXIMUM ALLOWABLE FACTORED LATERAL REACTION IMPOSED BY THE ENTIRE RAMP STRUCTURE ONTO THE BEARING SEAT OF THE ABUTMENT STRUCTURE.
3. e = THE MAXIMUM ALLOWABLE ECCENTRICITY OF $R_{VERT.}$ MEASURED OFF THE -ABUTMENT STRUCTURE.
4. SEE DETAILS FOR MAXIMUM ALLOWABLE FACTORED REACTIONS USING LOAD AND RESISTANCE FACTOR DESIGN (LRFD) LOAD FACTORS AND LOAD COMBINATIONS.
5. DESIGN AND DETAILING OF THE RAMP-TO-ABUTMENT ANCHORAGE SYSTEM HAS BEEN DELEGATED TO THE CONTRACTOR AND HIS/HER NYS LICENSED PROFESSIONAL ENGINEER (NYS PE).
 - 5.1. THE CONTRACTOR SHALL SUBMIT NYS PE STAMPED CALCULATIONS WHICH DERIVE THE MAXIMUM FACTORED REACTIONS IMPOSED BY THE RAMP ONTO THE ABUTMENT STRUCTURE, AND SHOW THAT THEY DO NOT EXCEED THE ALLOWABLE REACTIONS INDICATED IN ITEM 4 ABOVE.
 - 5.2. THE CONTRACTOR SHALL ALSO SUBMIT NYS PE STAMPED DESIGN CALCULATIONS WHICH PROVE THE ADEQUACY OF THE PROPOSED ANCHORAGE DETAILS. THESE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318-14, CHAPTER 17.
 - 5.3. NYS PE STAMPED SHOP DRAWINGS OF THE ANCHORAGE DETAILS SHALL BE SUBMITTED AS WELL AND SHALL SHOW THAT THE PROPOSED CONNECTION LIMITS THE $R_{VERT.}$ 'S ECCENTRICITY TO THE MAXIMUM INDICATED HEREIN.

HAMILTON STREET - ABUTMENT AND SLAB DETAILS

VILLAGE OF SACKETS HARBOR
REDI IMPROVEMENTS
COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA
ARCHITECTS
ENGINEERS

Bernier, Carr & Associates,
Engineers, Architects
and Land Surveyors, P.C.
15 Public Square, Watertown, NY 13601
(315) 782-8130 - WWW.THEBCGROUP.COM

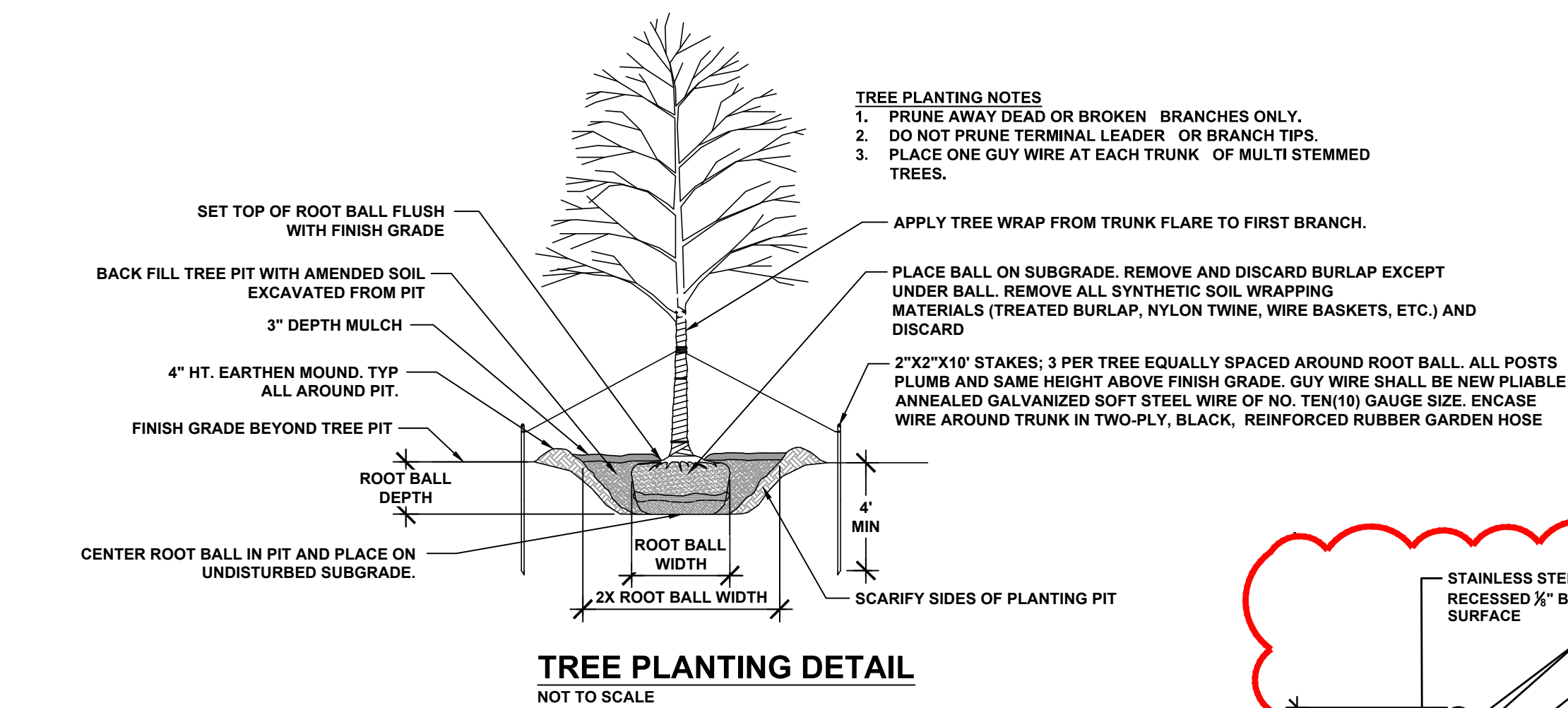
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DATE:	03/01/2023
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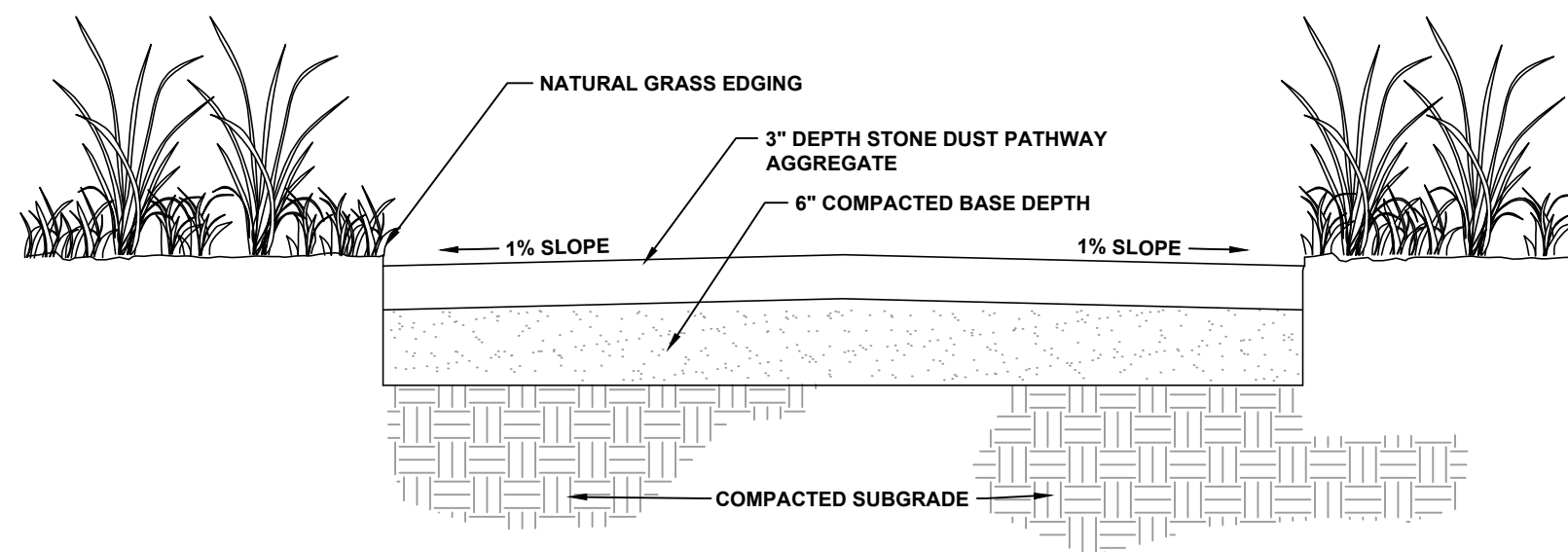
SHEET NO.

D3-1

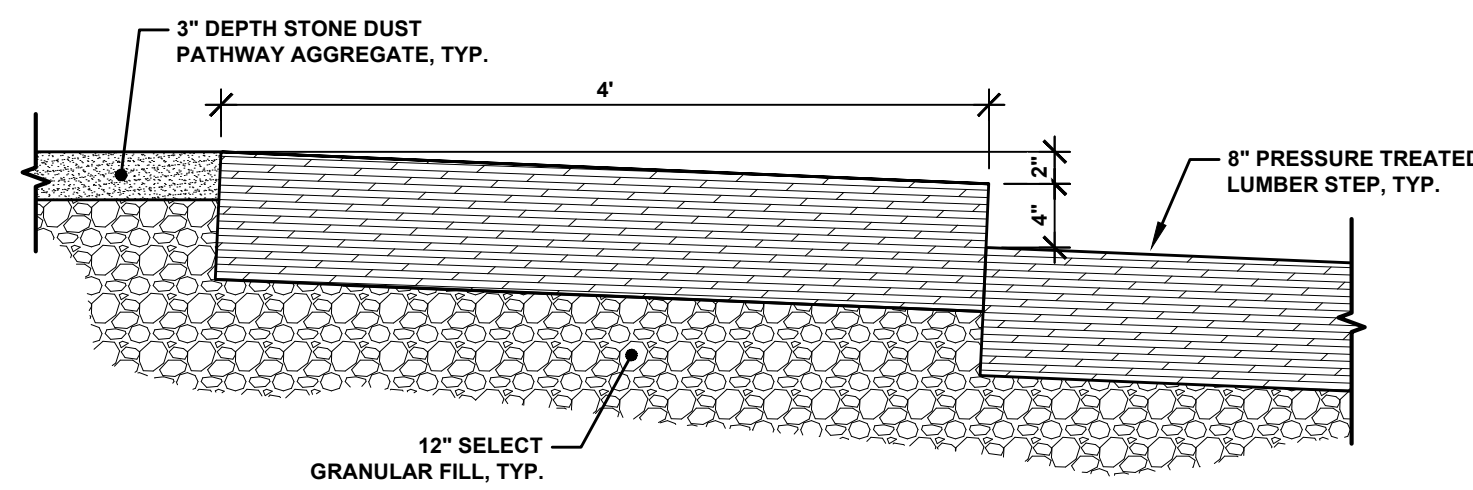
PROJECT NO.
2020-027



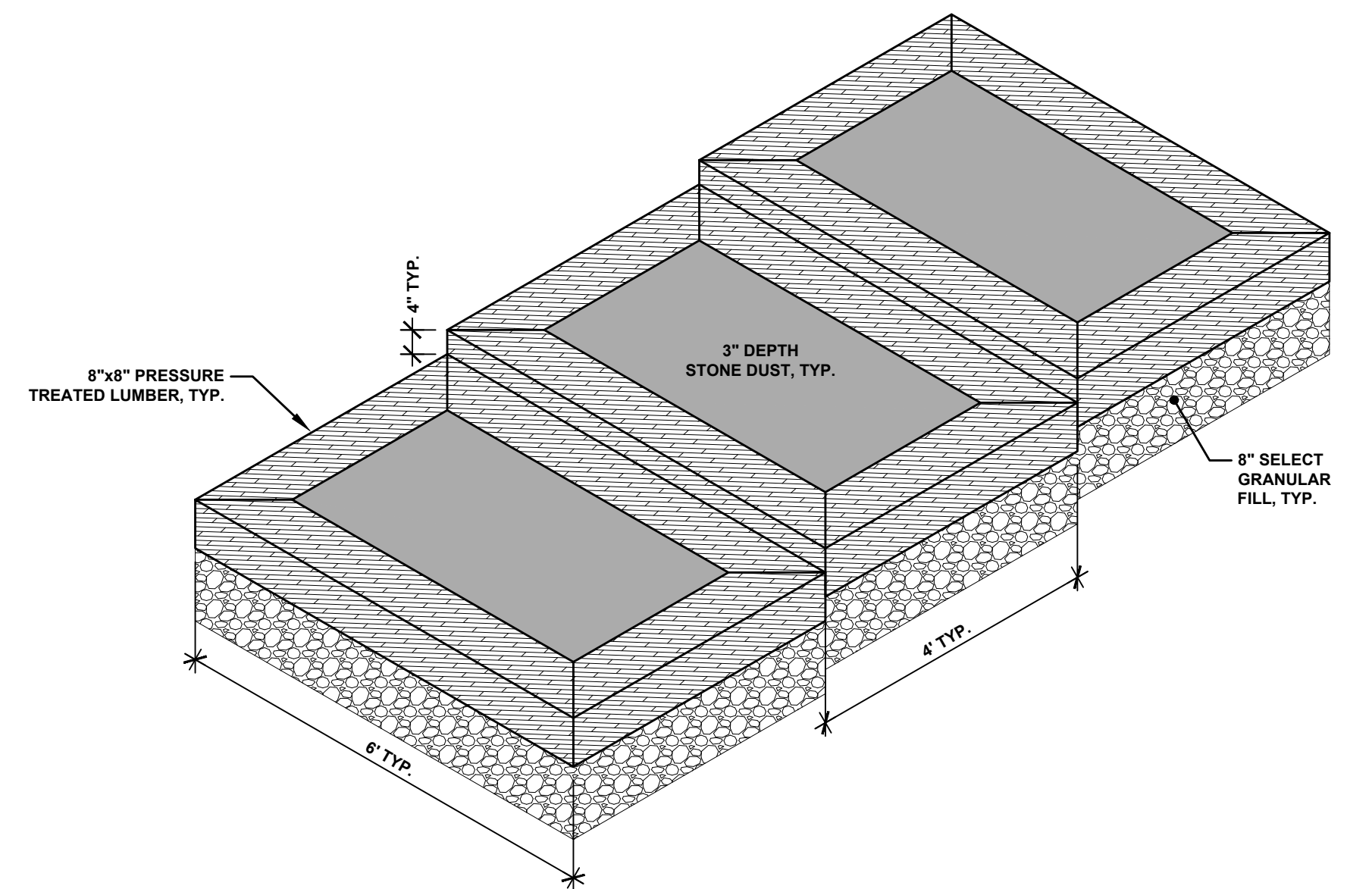
TREE PLANTING DETAIL
NOT TO SCALE



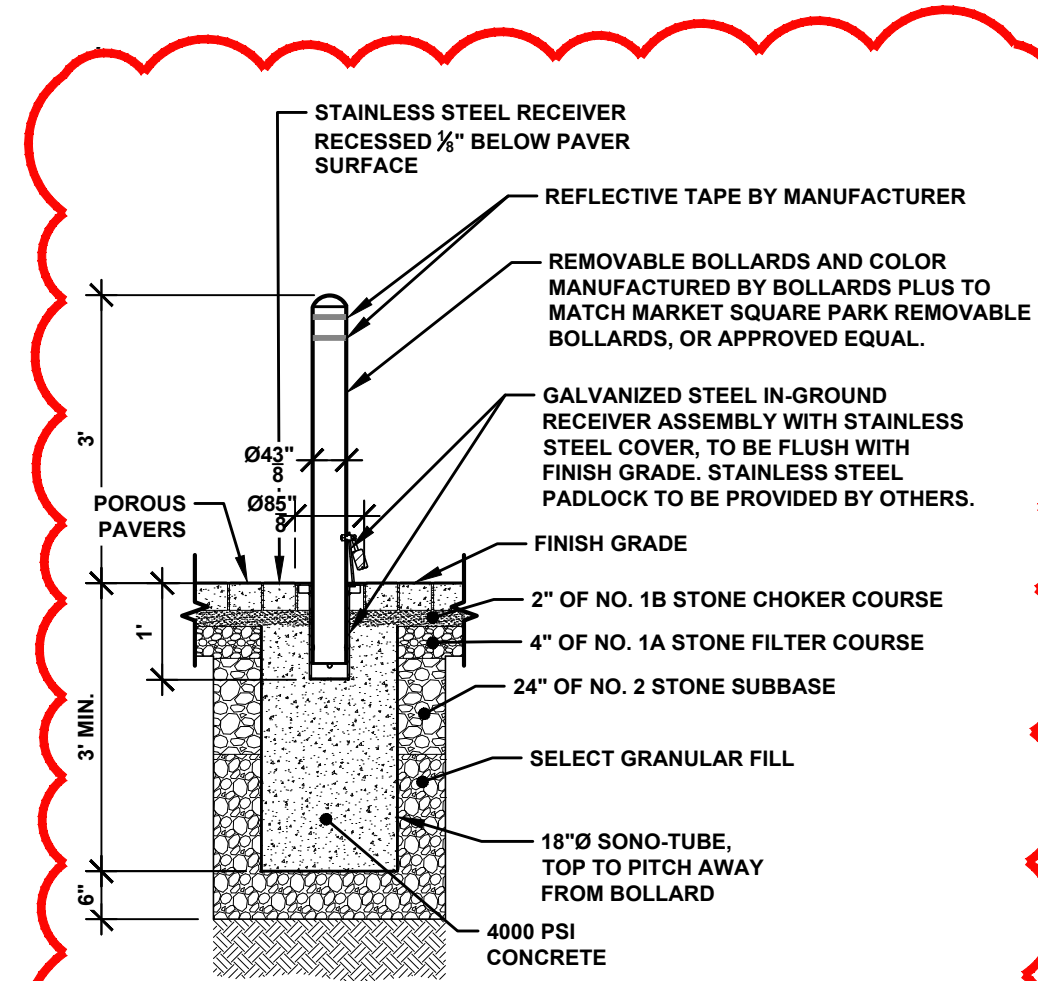
FOOT TRAFFIC PATHWAY WITH NATURAL GRASS EDGING
NOT TO SCALE



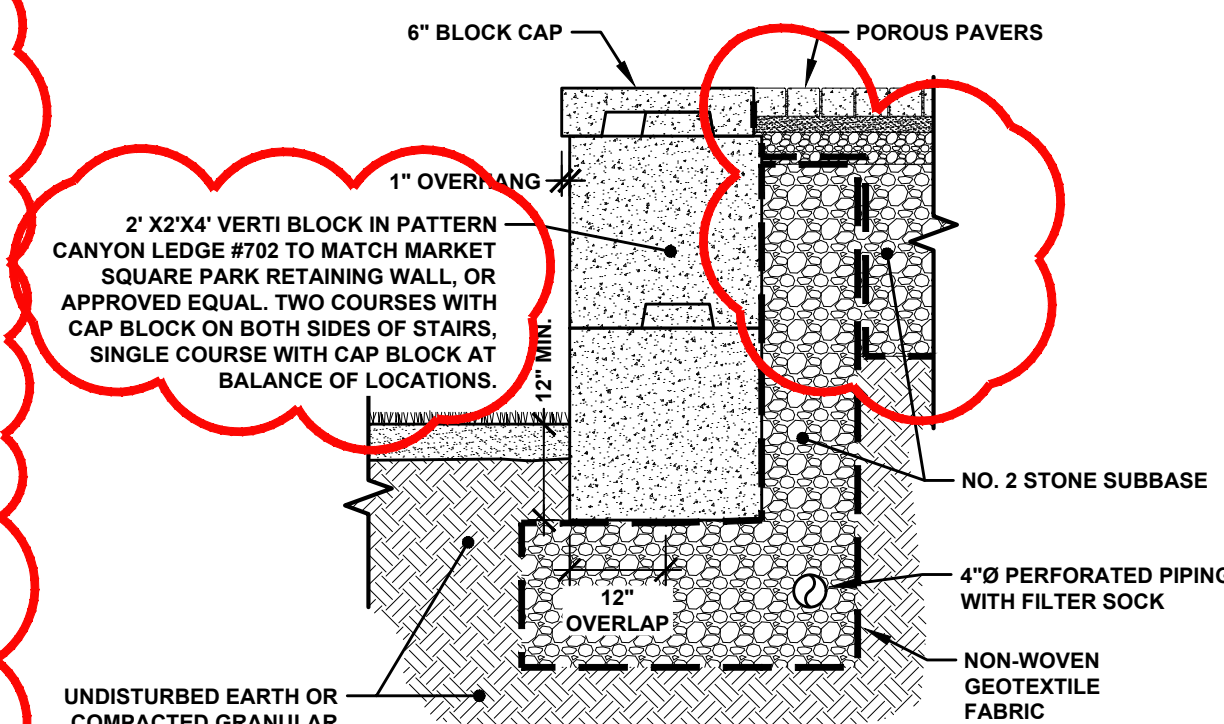
PRESSURE TREATED STAIR / ORGANIC PATH SECTION
NOT TO SCALE



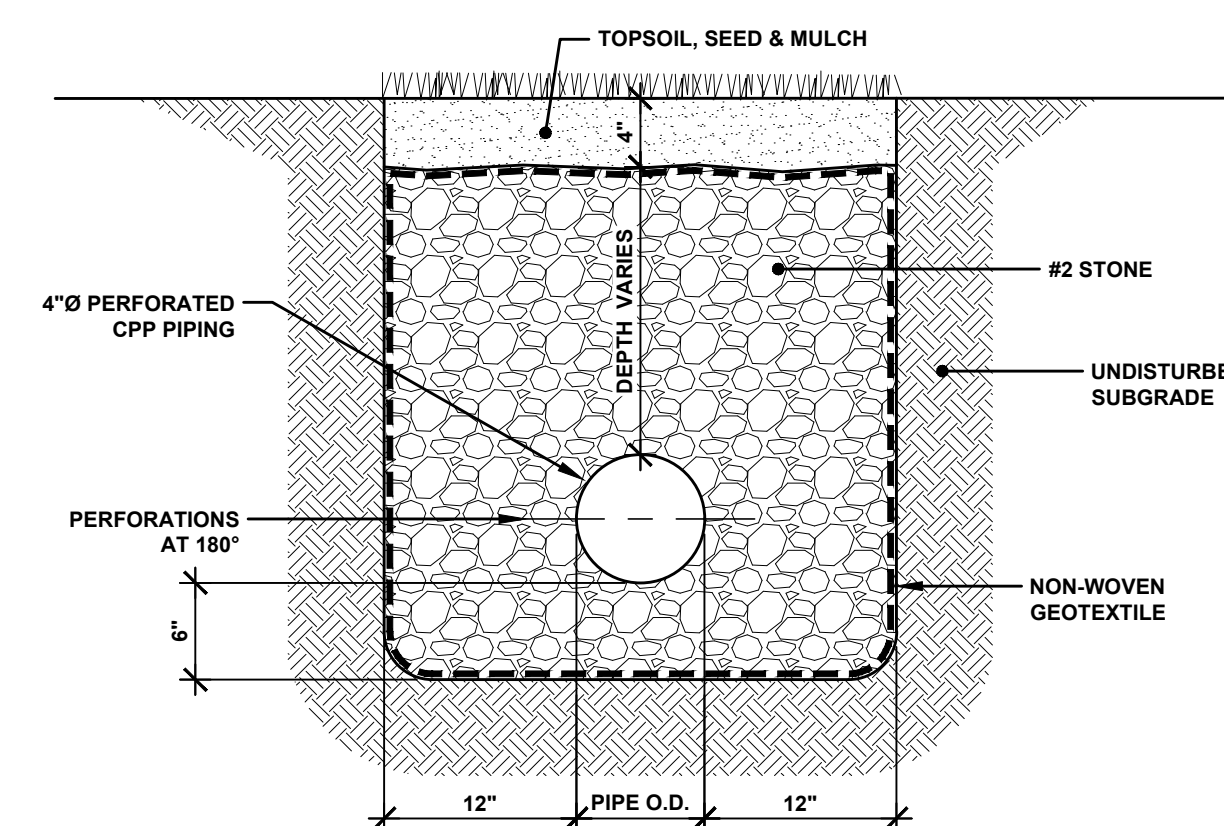
PRESSURE TREATED STAIR / STONE DUST PATH DETAIL
NOT TO SCALE



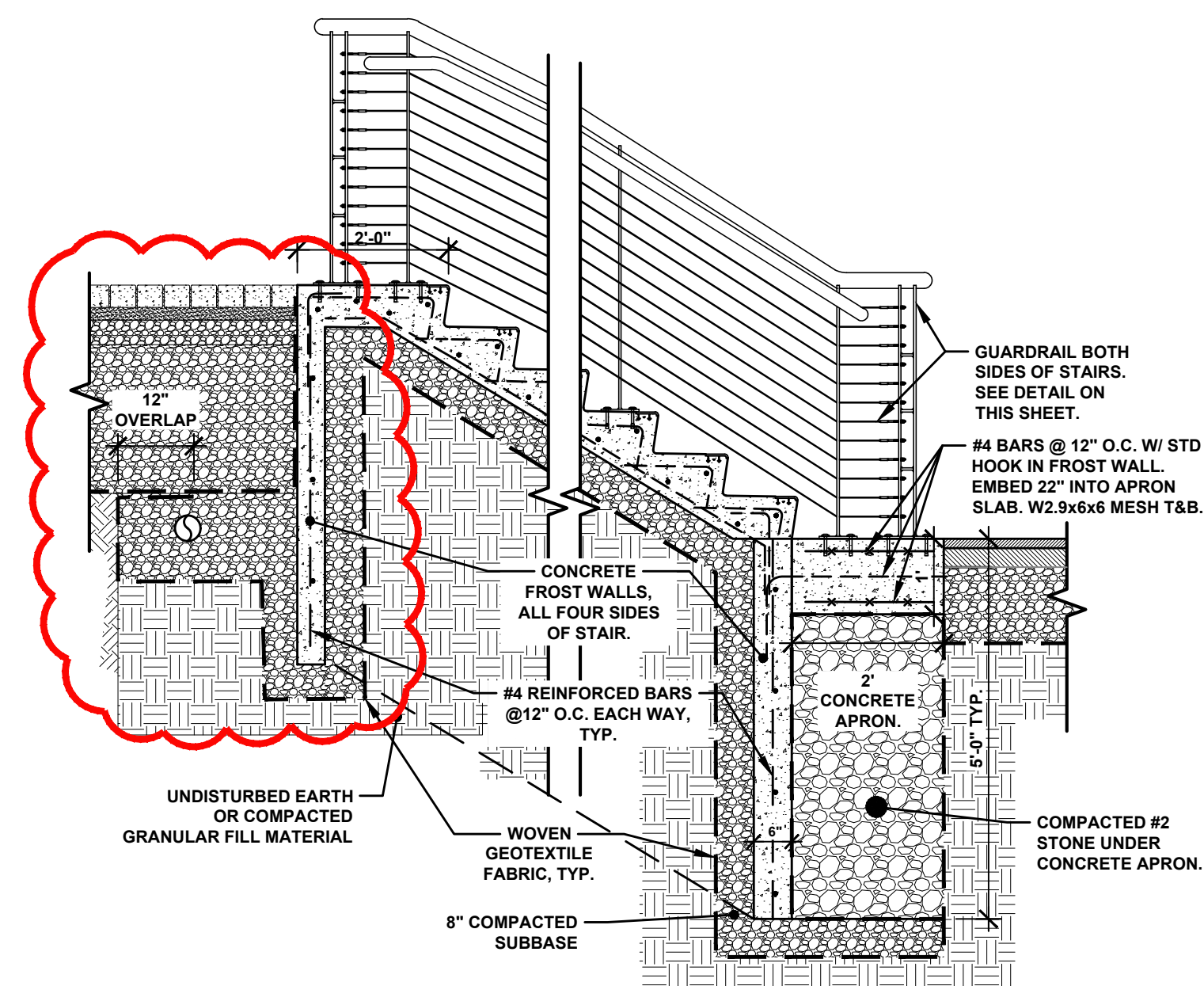
REMOVABLE BOLLARD DETAIL
NOT TO SCALE



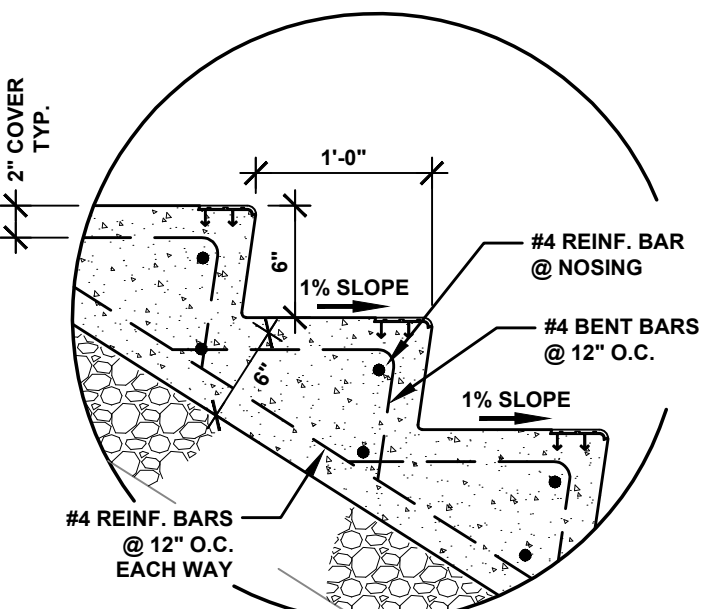
VERTI-BLOCK RETAINING WALL DETAIL
NOT TO SCALE



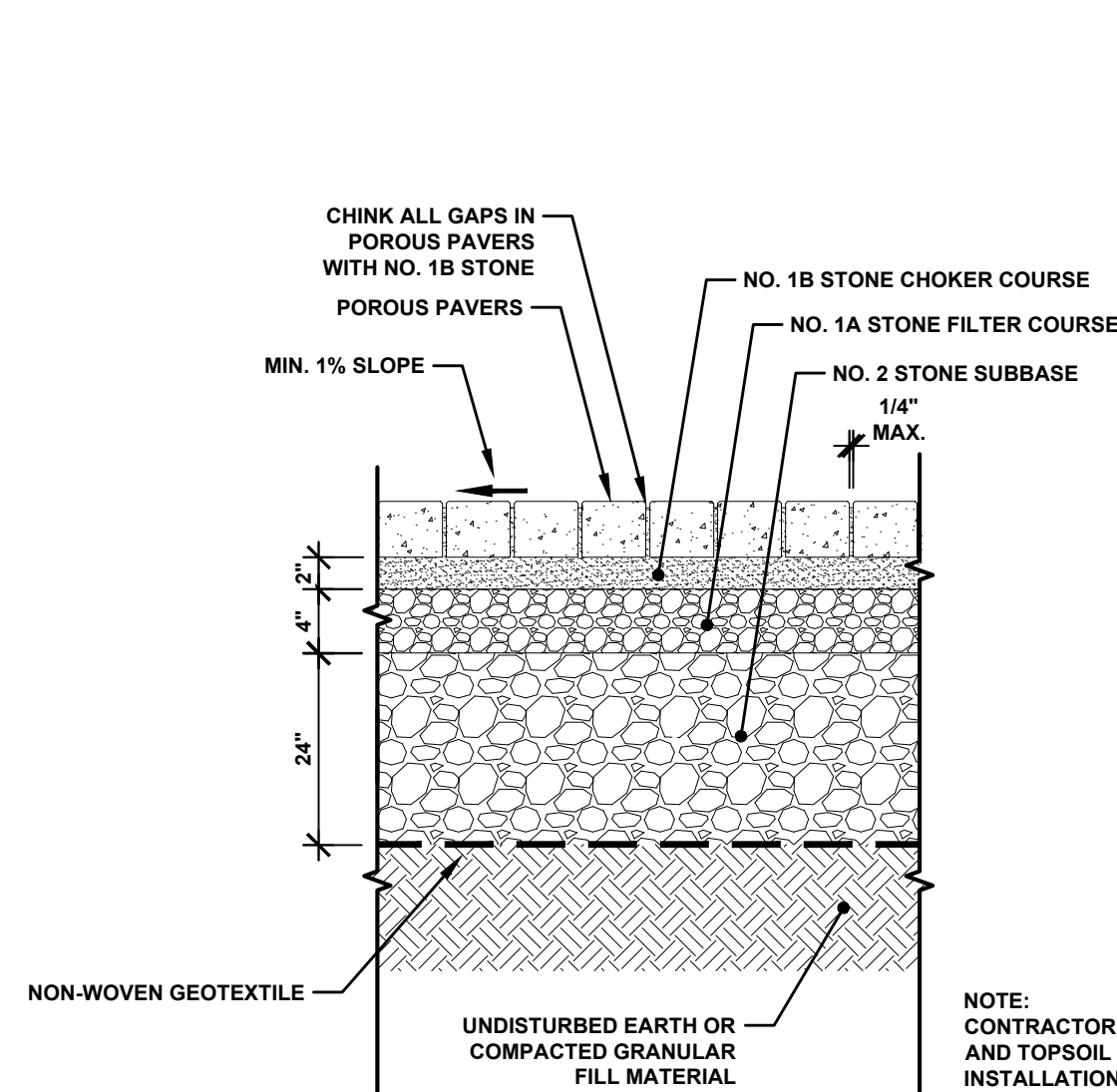
FRENCH DRAIN DETAIL
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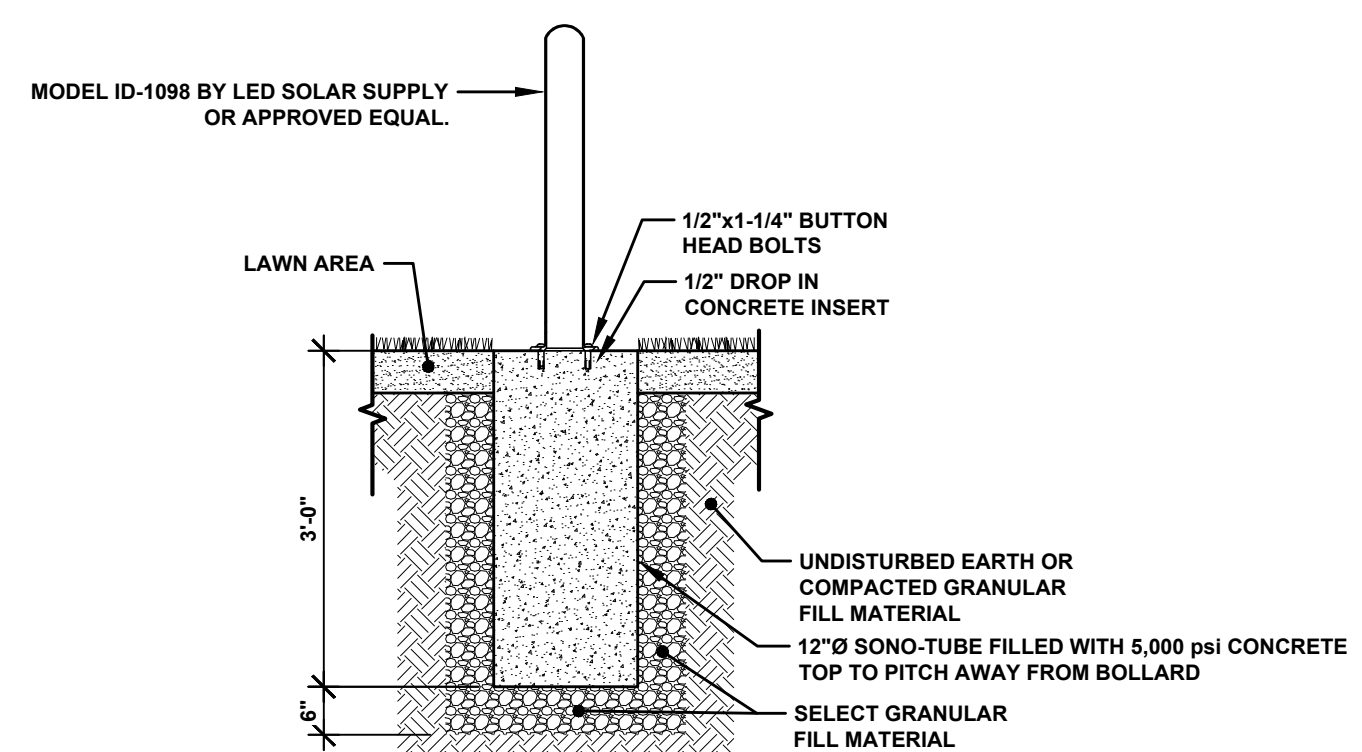
CONCRETE STAIR SECTION
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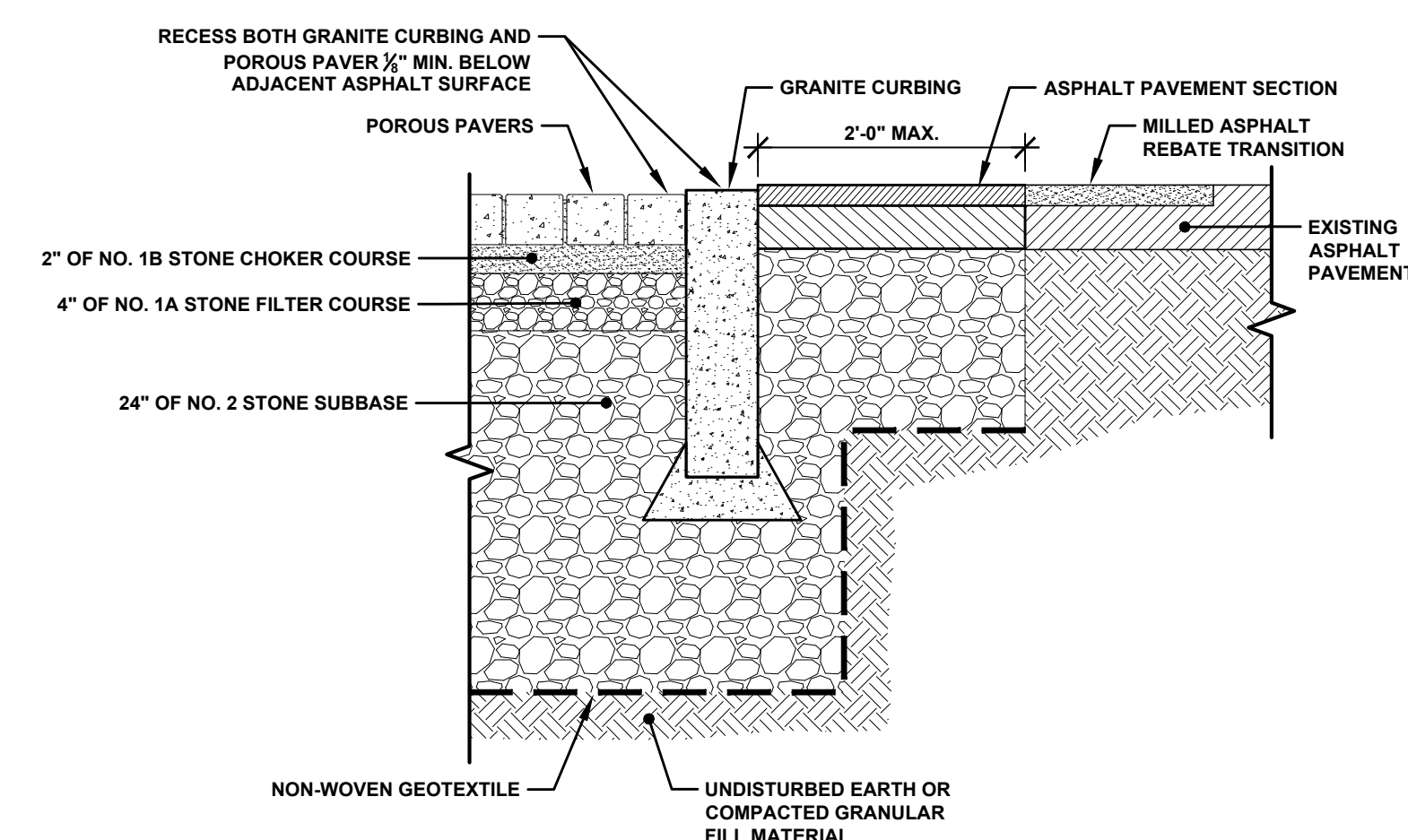
STEP DETAIL
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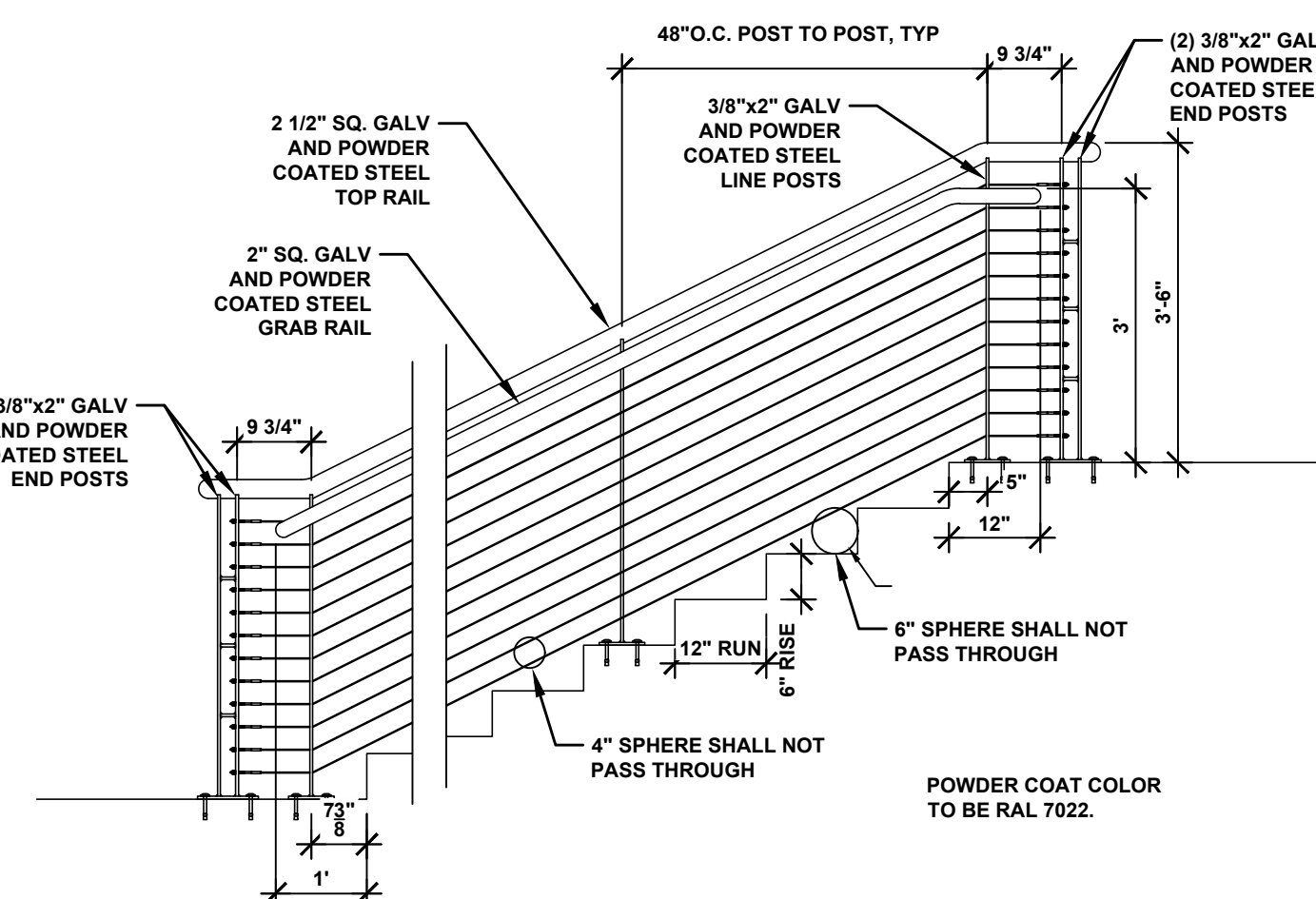
POROUS PAVER DETAIL
NOT TO SCALE



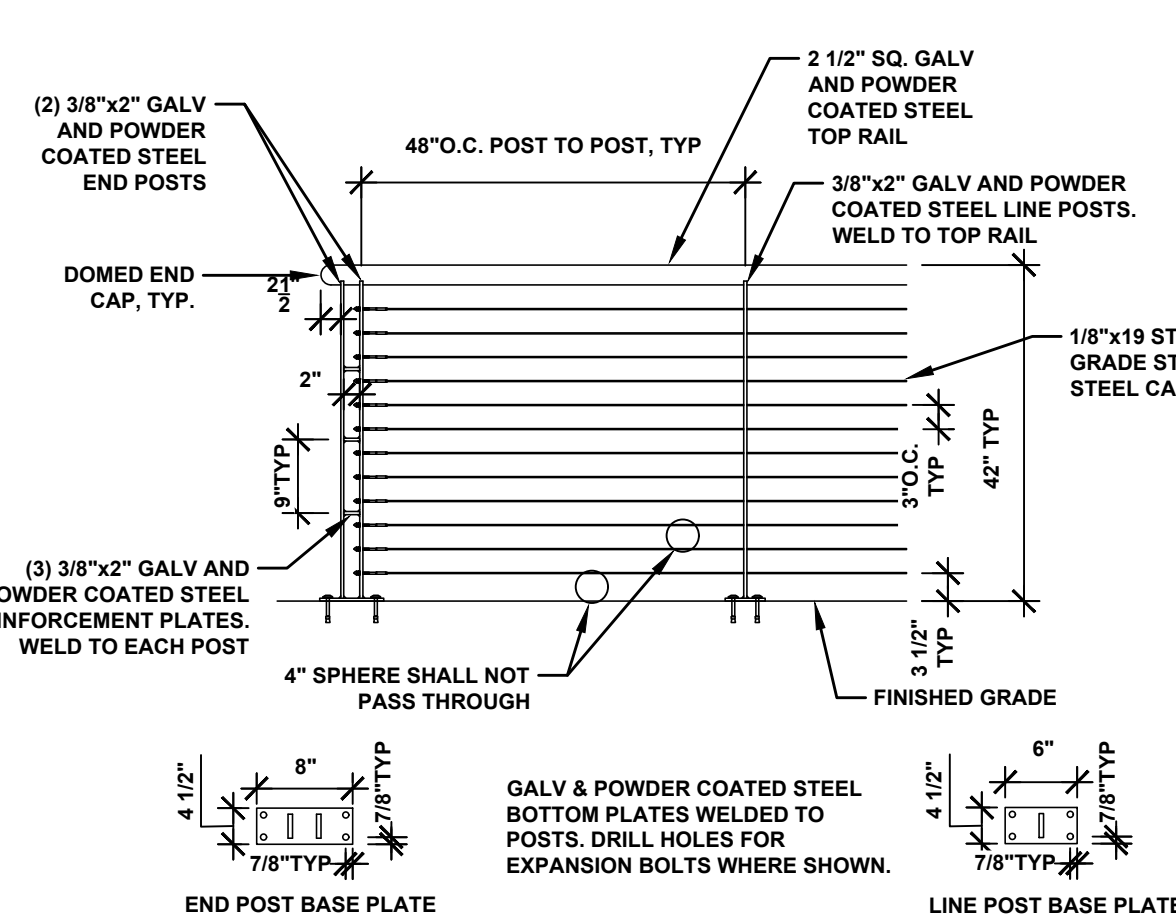
SOLAR LED BOLLARD DETAIL
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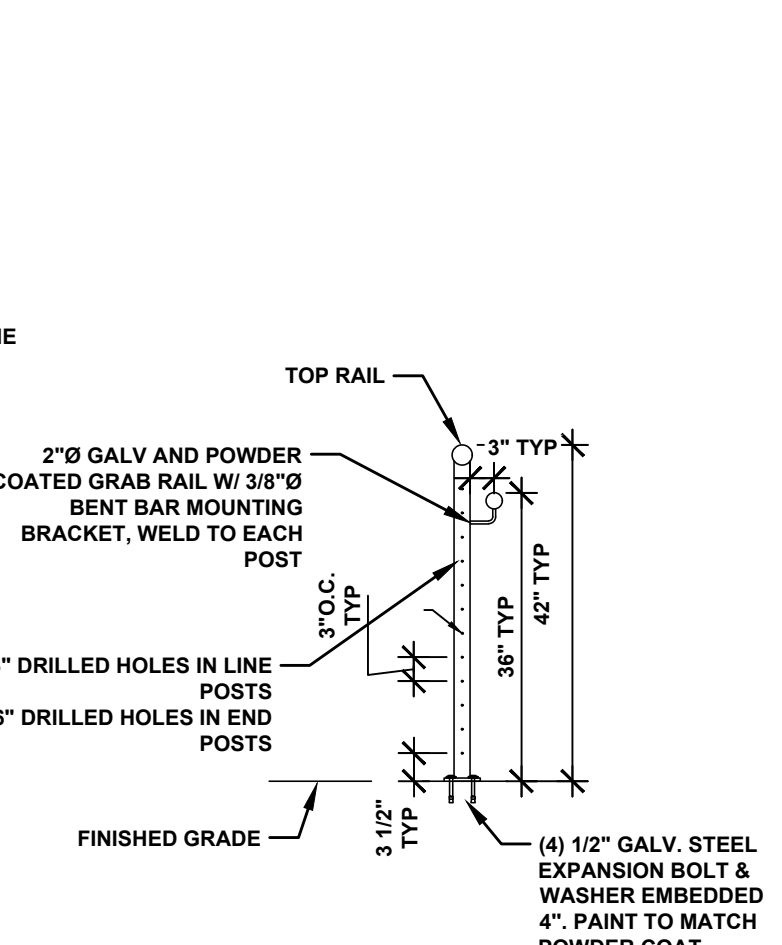
POROUS PAVER STREET TRANSITION DETAIL
NOT TO SCALE



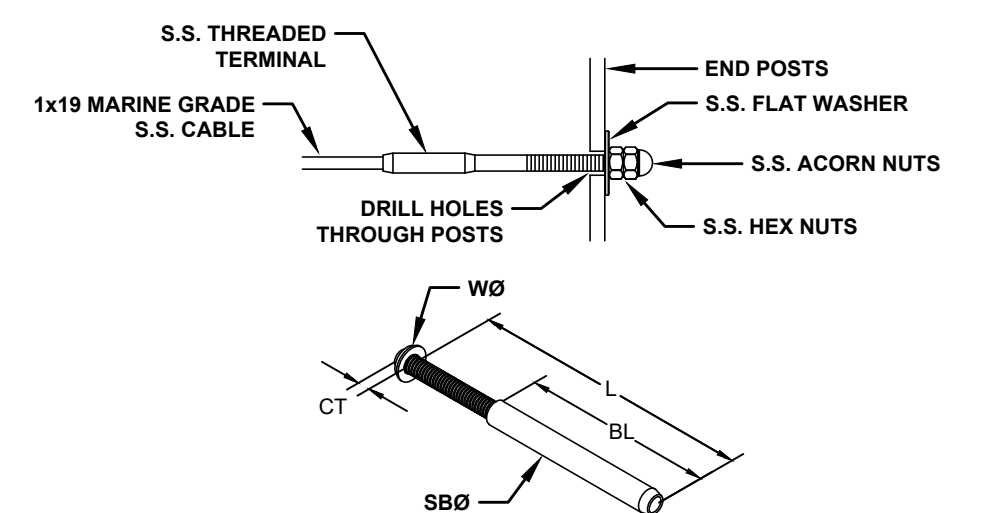
GUARDRAIL ELEVATION
NOT TO SCALE



GUARDRAIL ELEVATION
NOT TO SCALE



GUARDRAIL POST DETAIL
NOT TO SCALE



CABLE TERMINATION DETAIL
NOT TO SCALE

ITEM: THREADED CABLE STUD MATERIAL: TYPE 316 STAINLESS STEEL					
CABLE SIZE	THREAD DIA. (W/D)	WASHER THICKNESS (CT)	HEAD & WASHER THICKNESS (CT)	BODY LENGTH (BL)	LENGTH (L)
1/8"	10-24 RH	7/16"	1/8"	2-1/2"	(3-3/4")
					ATTACHMENT POST DRILL HOLE 5/16"

HAMILTON STREET - SITE DETAILS

VILLAGE OF SACKETS HARBOR
REDI IMPROVEMENTS
COUNTY OF JEFFERSON - STATE OF NEW YORK

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DATE: 03/01/2023

LAST REVISION: 03/29/2023 - AD3

SCALE: AS NOTED

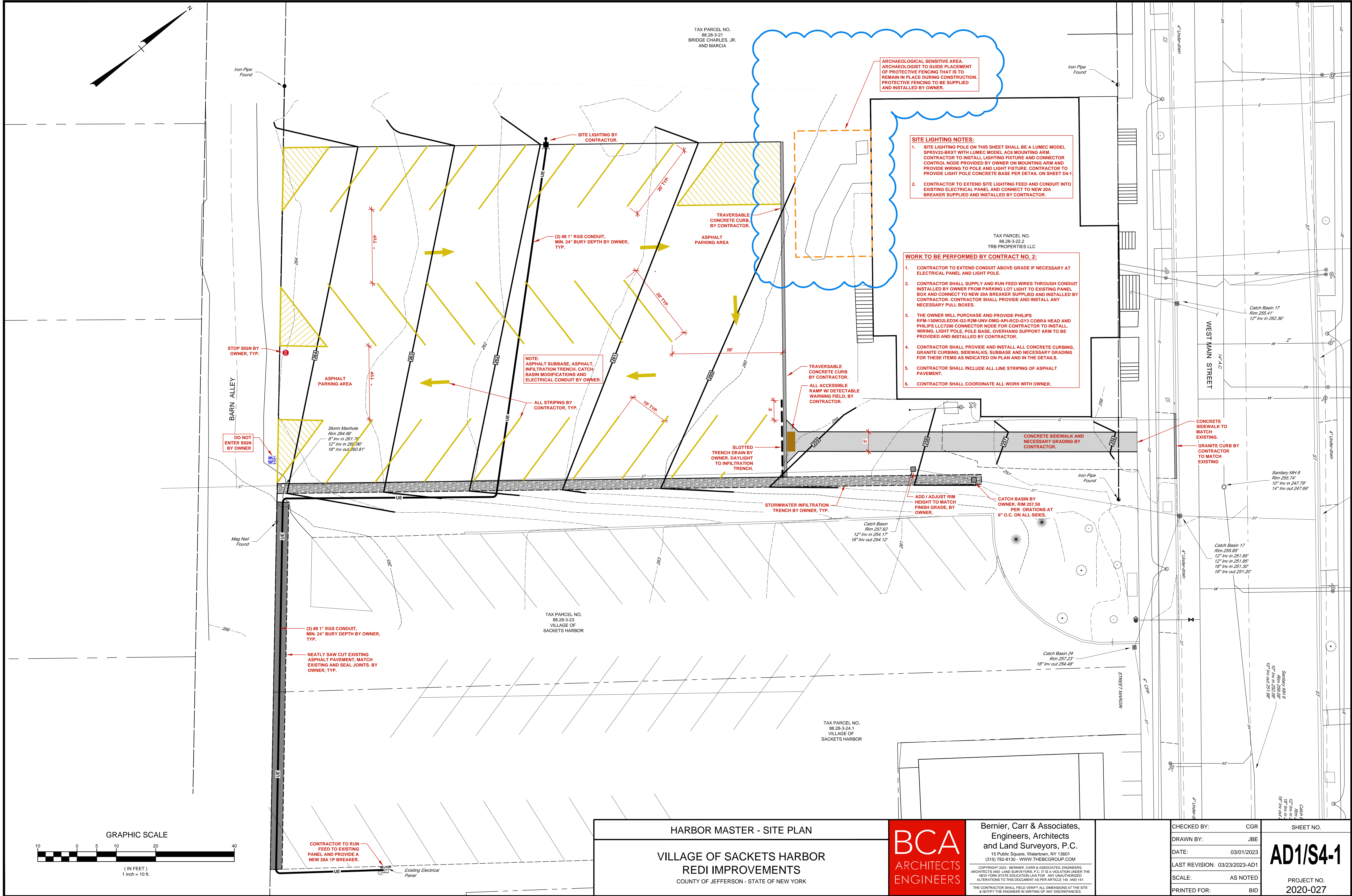
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SHEET NO.

AD3/D3-2

PROJECT NO.

2020-027



HARBOR MASTER - SITE PLAN

VILLAGE OF SACKETS HARBOR

REDI IMPROVEMENTS

COUNTY OF JEFFERSON - STATE OF NEW YORK

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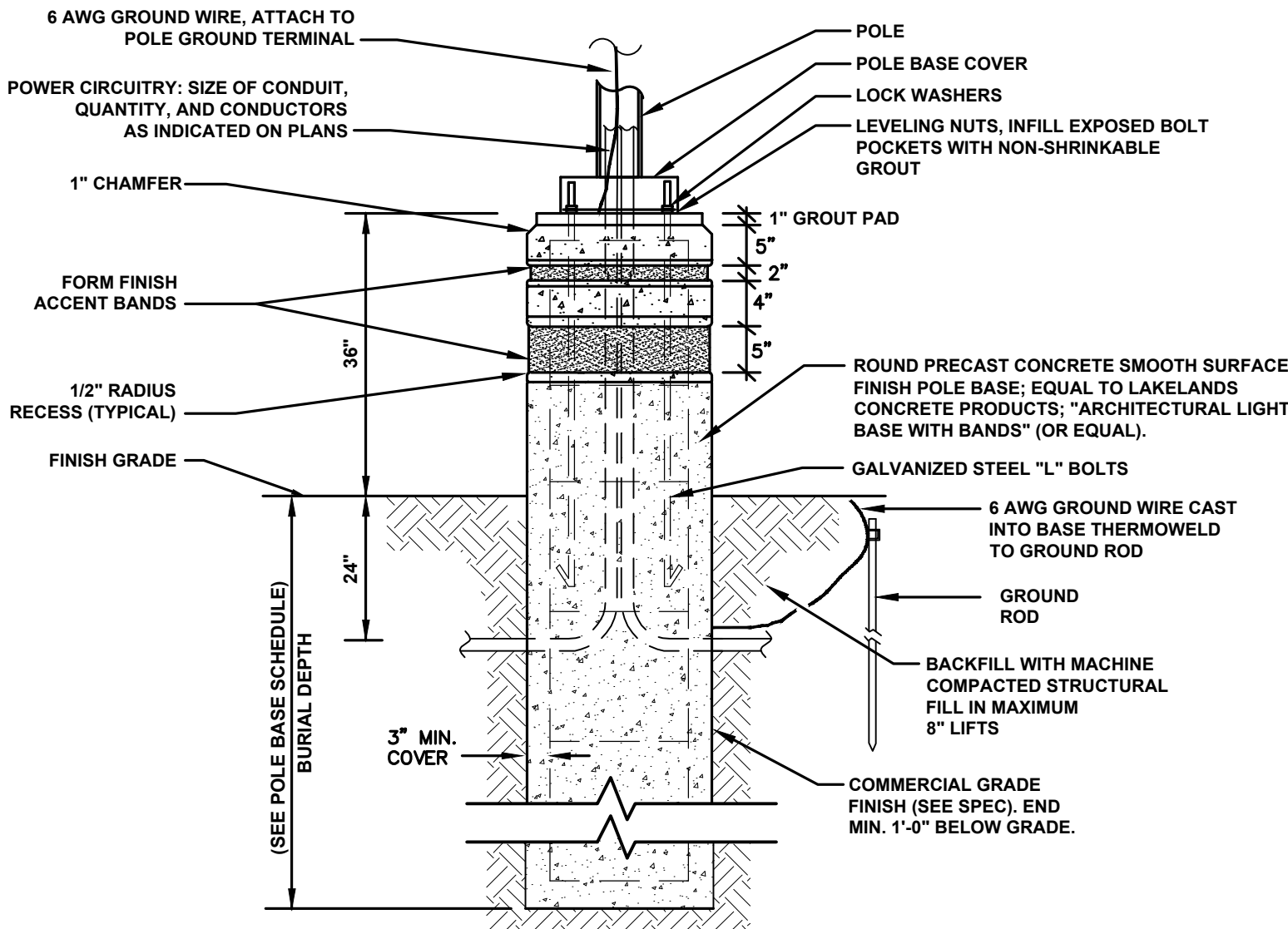
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DRAWN BY:	JBE	AD1/S4-1
DATE:	03/01/2023	PROJECT NO.
LAST REVISION:	03/23/2023-AD1	2020-027
SCALE:	AS NOTED	
PRINTED FOR:	BID	

POLE BASE SCHEDULE		
POLE HEIGHT +3' AFF (FT)	BURIAL DEPTH (FT)	VERTICAL REINF. 4-#5
UP TO 14	5	4-#5
15-20	6	4-#5
21-24	7	4-#5
25-28	8	4-#5
29-34	9	4-#6
35-40	10	4-#6
41-45	11	4-#6
46-50	12	4-#6

DETAIL NOTES:

1. ALL DIMENSIONS ARE IN NOMINAL FEET OR INCHES.
2. PROVIDE PRECAST CONCRETE BASE PER DIV. 03 SPEC. "PRECAST CONCRETE LIGHTING POLE BASES"
3. POLE BASE DIAMETER OF 24 INCHES & 5000 PSI
4. PROVIDE STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED AND CONNECT TO METAL POLE WITH BARE COPPER CONDUCTOR.
5. VERIFY CONDUIT SIZE, QUANTITY, AND CONFIGURATION IN POLE BASE PRIOR TO PRECAST BASES.
6. REFER TO POLE BASE SCHEDULE FOR VERTICAL REINFORCING BARS. PROVIDE #3 HORIZONTAL TIES AT 6" O.C. FOR TOP 4" AND 12" O.C. FOR THE REMAINDER.

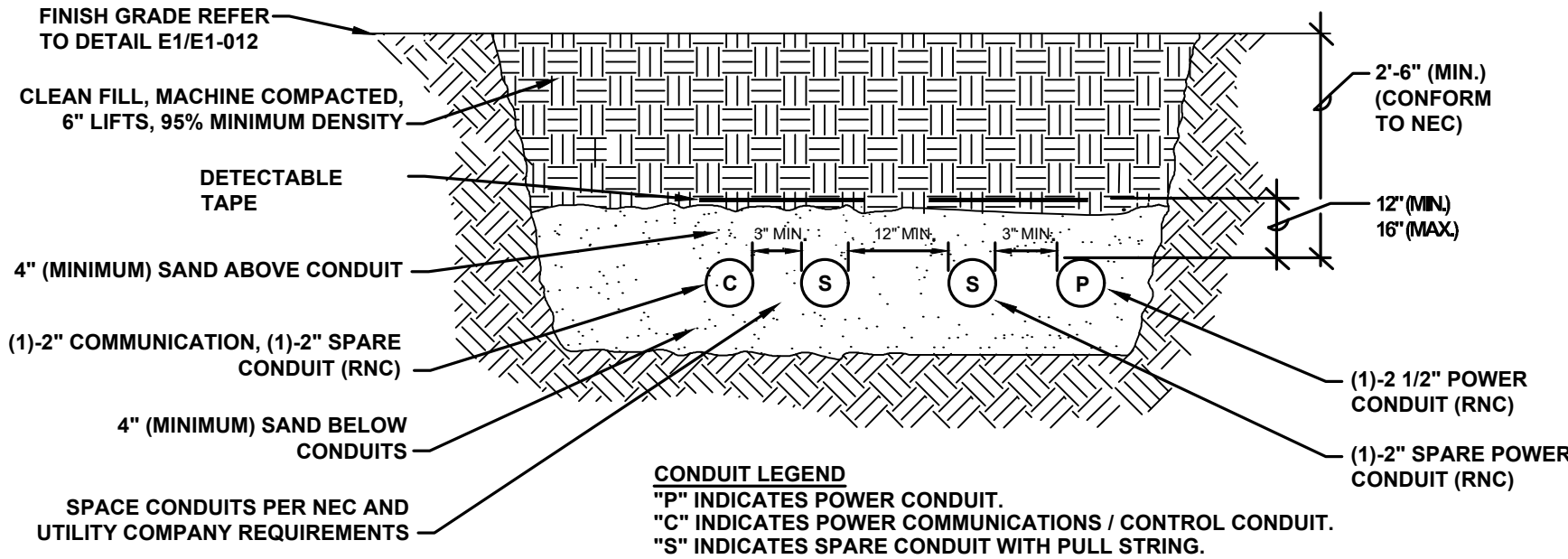


TYPICAL POLE BASE DETAIL

NOT TO SCALE

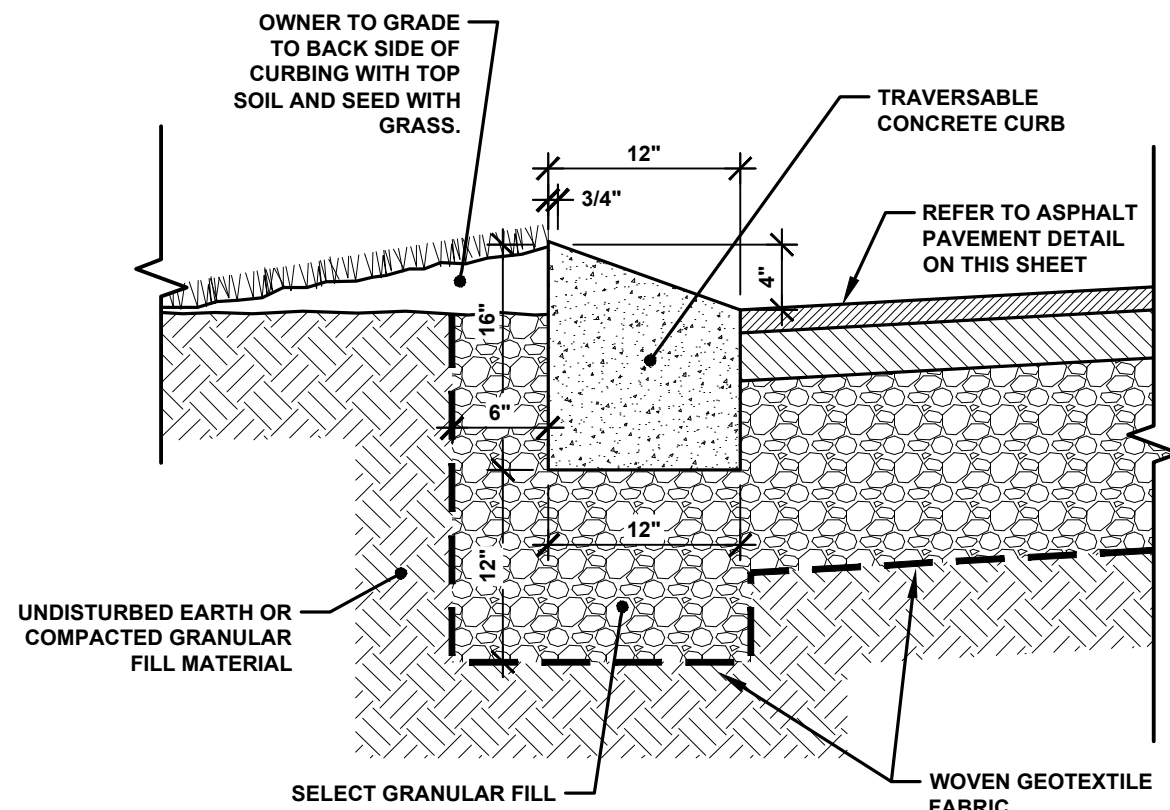
NOTE:

TRENCHING, SAND BEDDING (TOP AND BOTTOM), AND BACKFILL ARE THE RESPONSIBILITY OF THE SITE CONTRACTOR (SC). ELECTRICAL CONTRACTOR COORDINATE PLACEMENT OF CONDUITS.



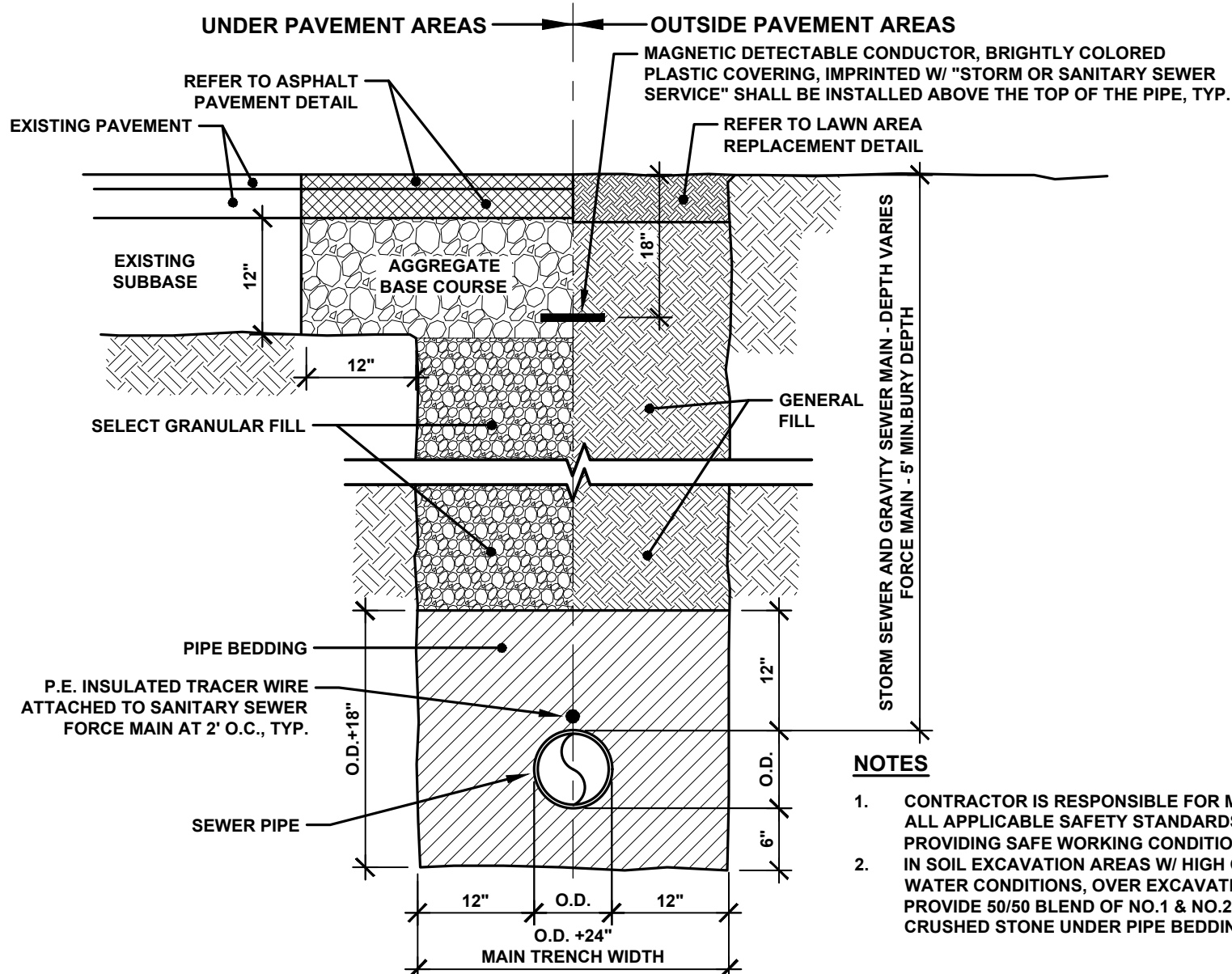
MULTI-SERVICE TRENCH DETAIL

NOT TO SCALE



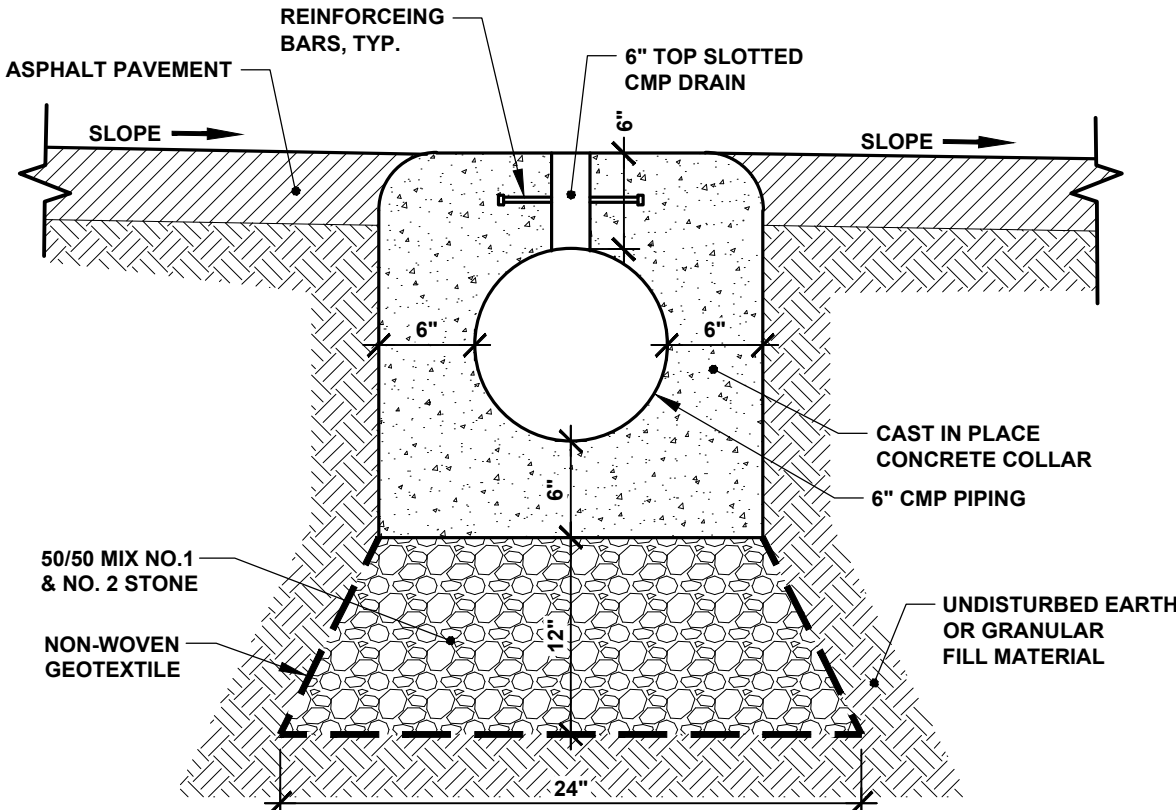
TYPE T100 TRAVERSABLE CONCRETE CURB DETAIL

NOT TO SCALE



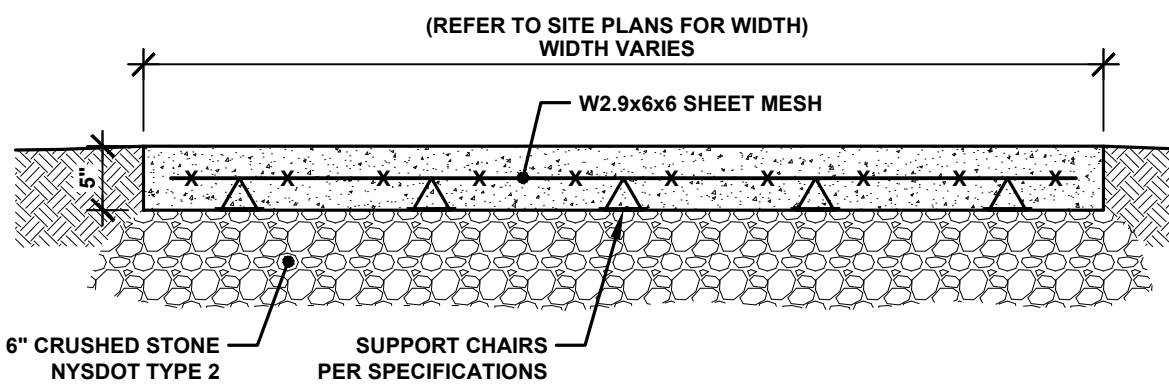
STORM SEWER PIPE BEDDING DETAIL

NOT TO SCALE



SLOTTED TRENCH DRAIN DETAIL

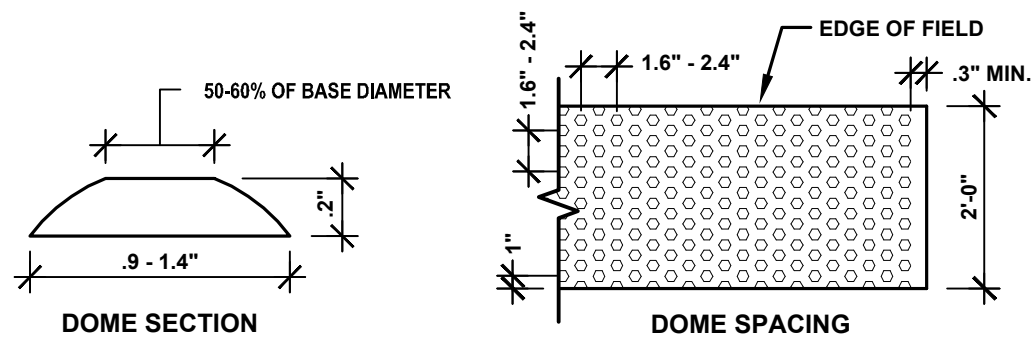
NOT TO SCALE



- NOTE:**
1. ALL SIDEWALK CONSTRUCTION WITHIN THE VILLAGE MARGIN SHALL BE IN CONFORMANCE WITH VILLAGE OF SACKETS HARBOR SIDEWALK CONSTRUCTION SPECIFICATIONS.
 2. PROVIDE 1/2" BITUMINOUS EXPANSION JOINT AT 25' MAXIMUM SPACING, AGAINST ALL CURB AND AT ALL BUILDING AND STAIR INTERFACES.

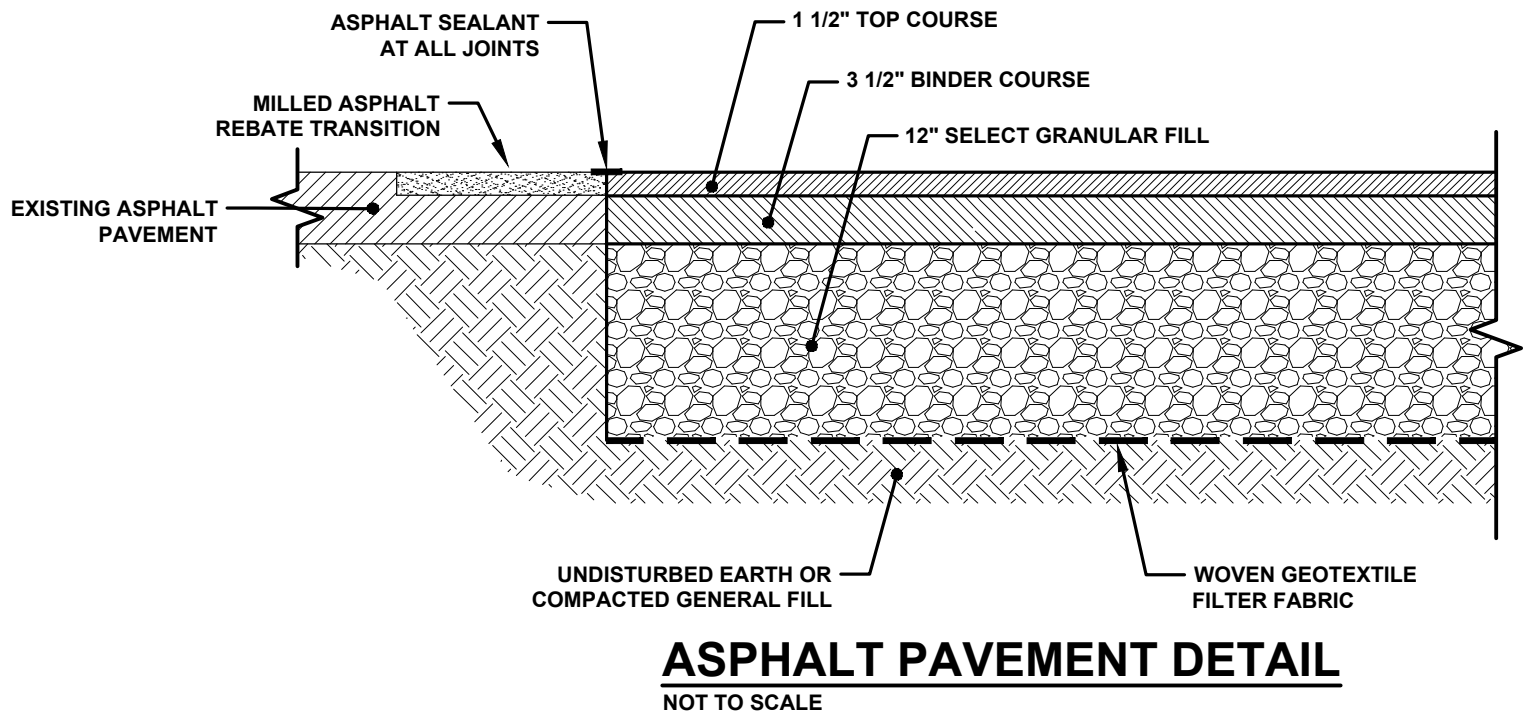
CONCRETE SIDEWALK DETAIL

NOT TO SCALE



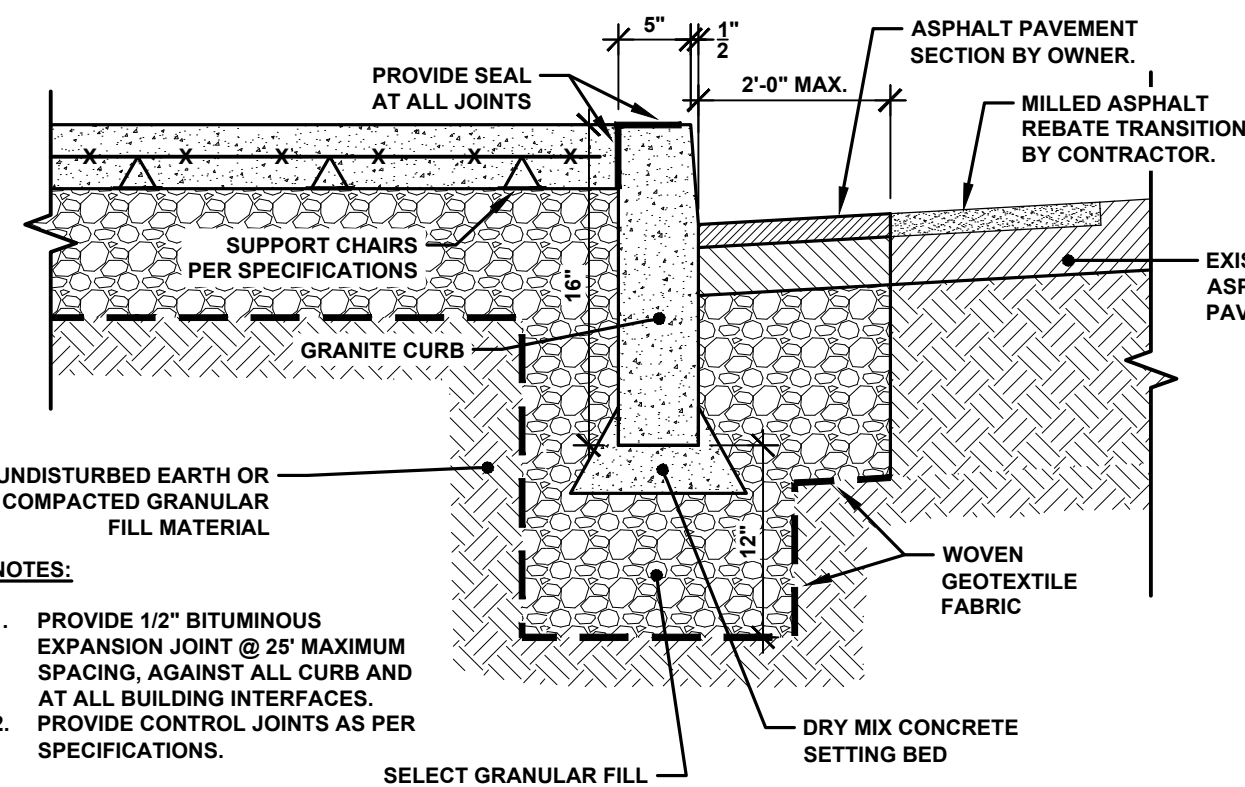
DETECTABLE WARNING FIELD DETAIL

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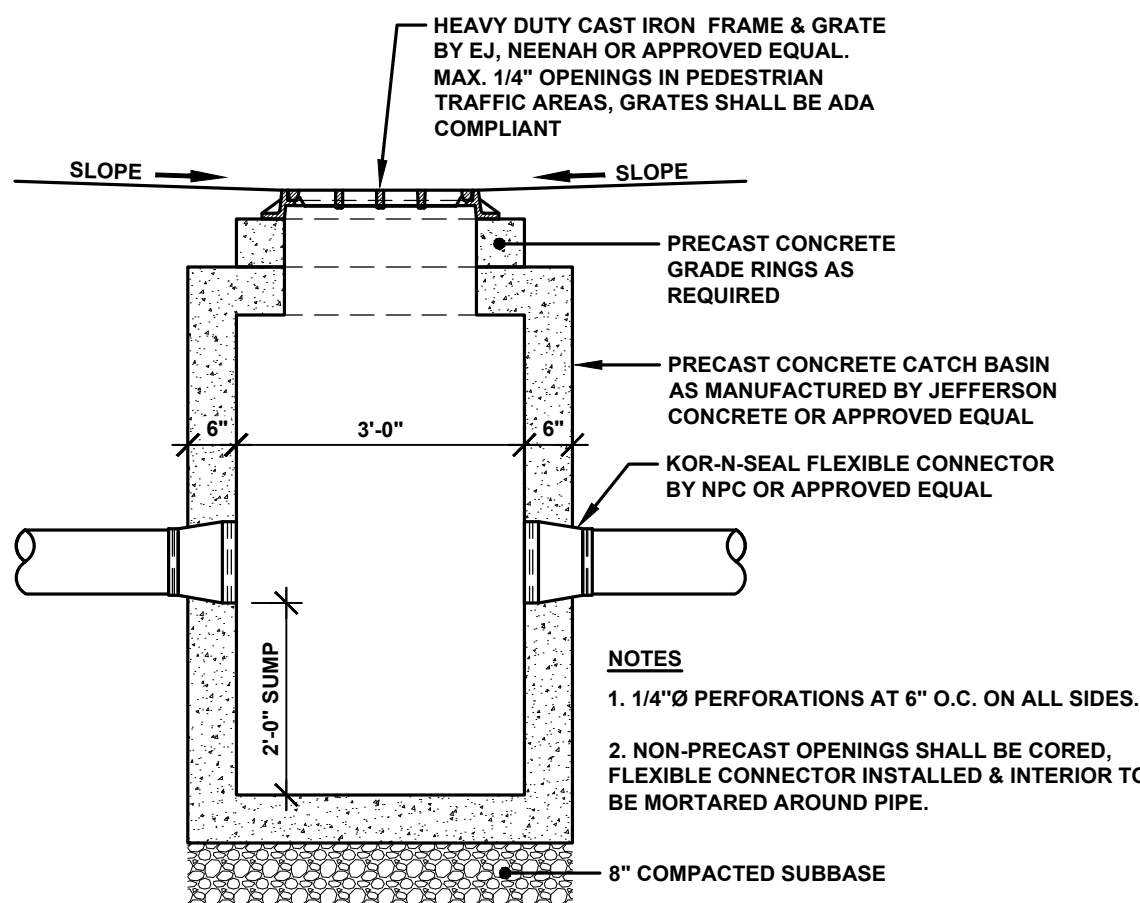
ASPHALT PAVEMENT DETAIL

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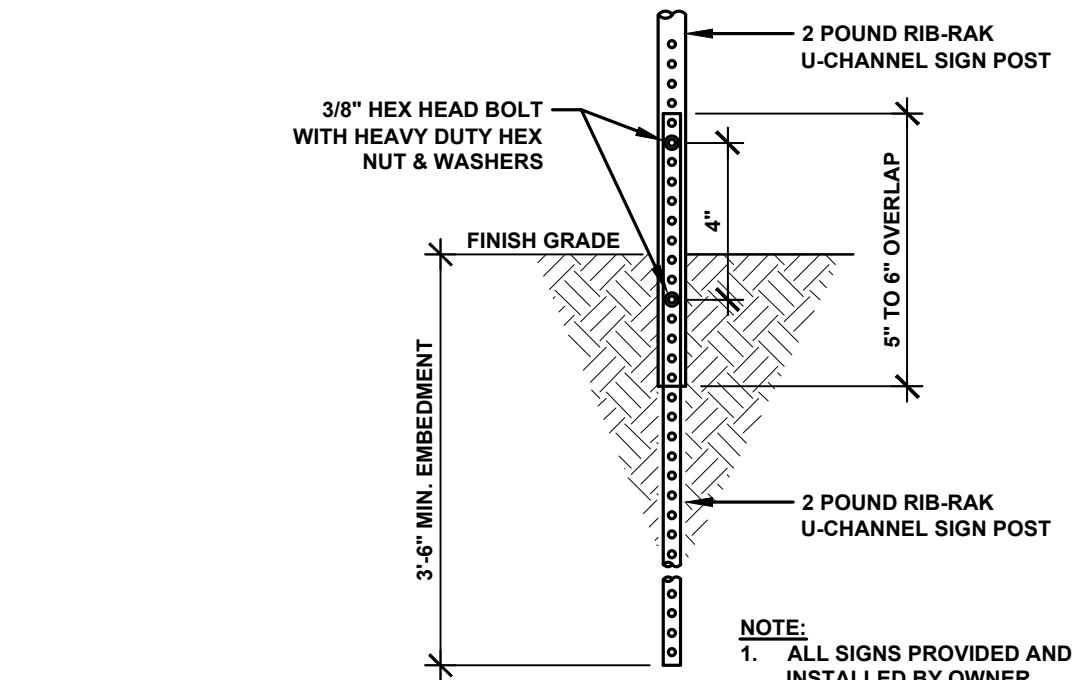
GRANITE CURB DETAIL

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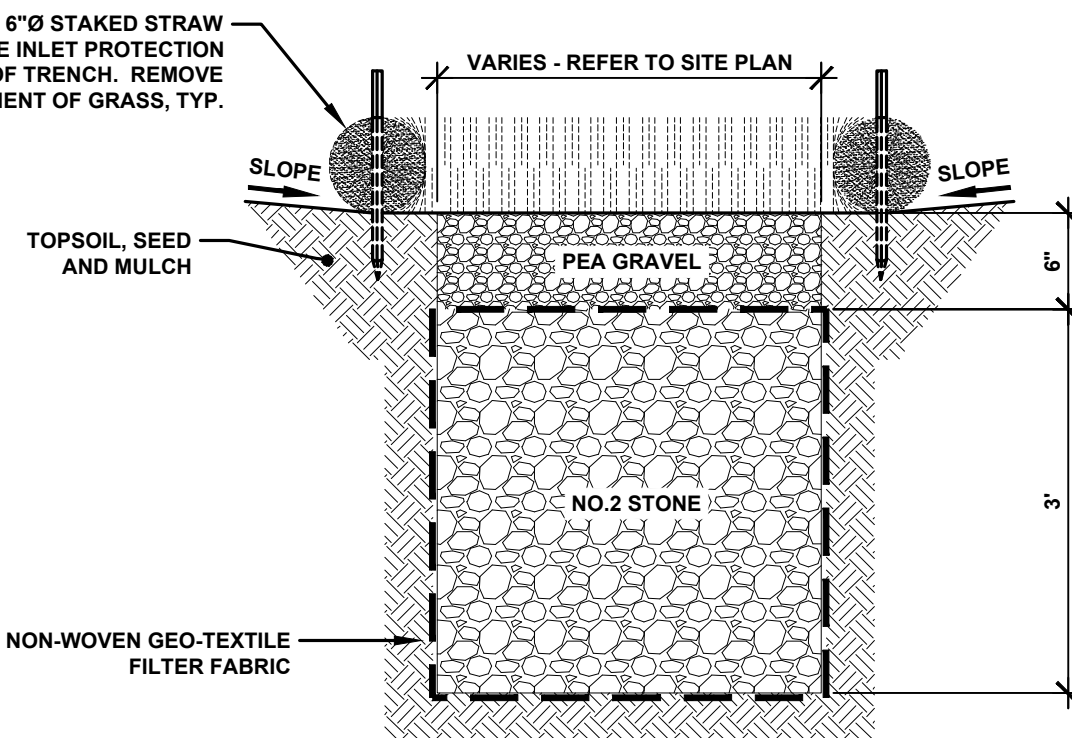
CATCH BASIN DETAIL

NOT TO SCALE



BREAK-AWAY SIGN POST DETAIL

NOT TO SCALE



STORMWATER INFILTRATION TRENCH DETAIL

NOT TO SCALE

HARBOR MASTER - SITE DETAILS

VILLAGE OF SACKETS HARBOR

REDI IMPROVEMENTS

COUNTY OF JEFFERSON - STATE OF NEW YORK

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ENGINEERS

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DATE: 03/01/2023

LAST REVISION:

SCALE: AS NOTED

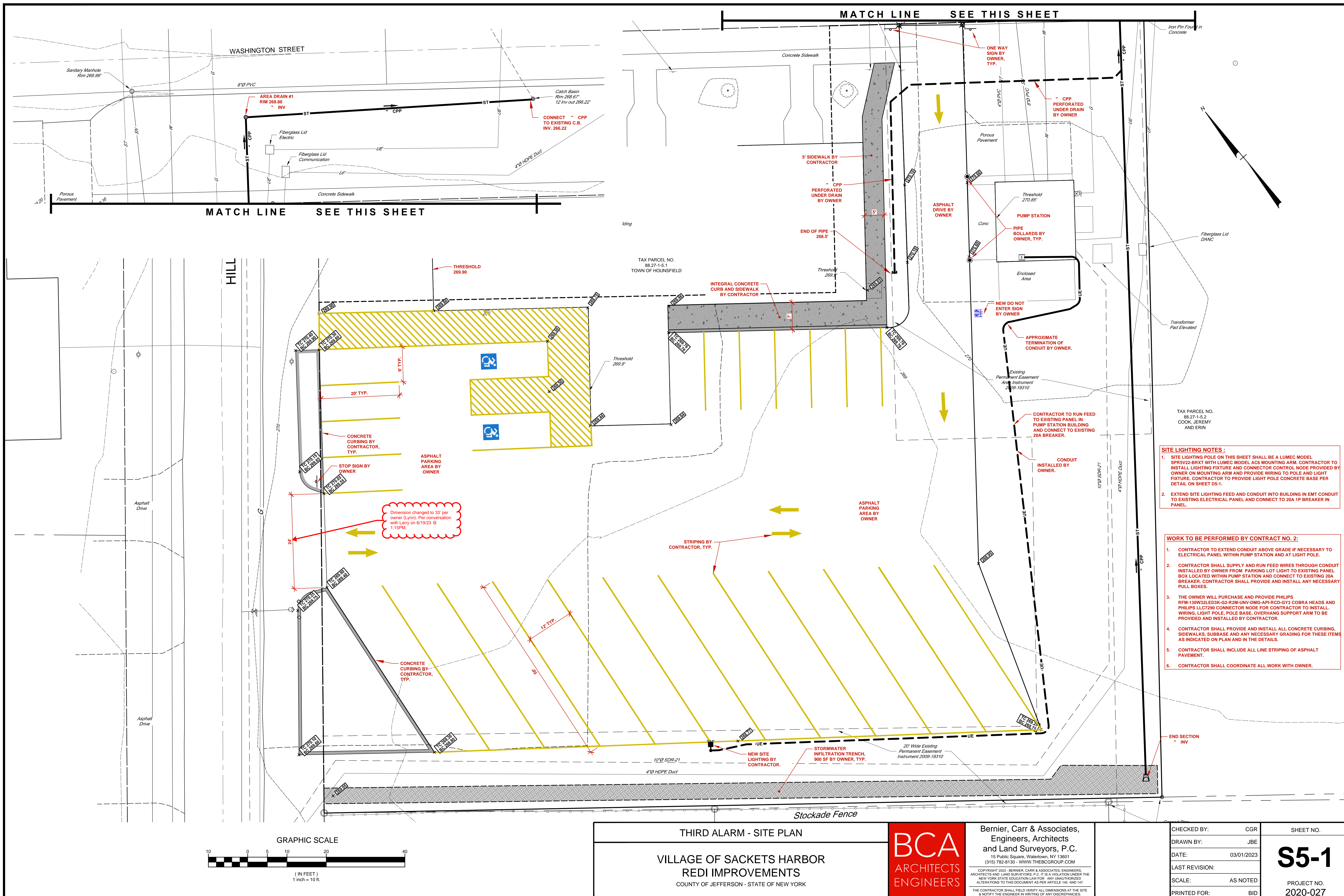
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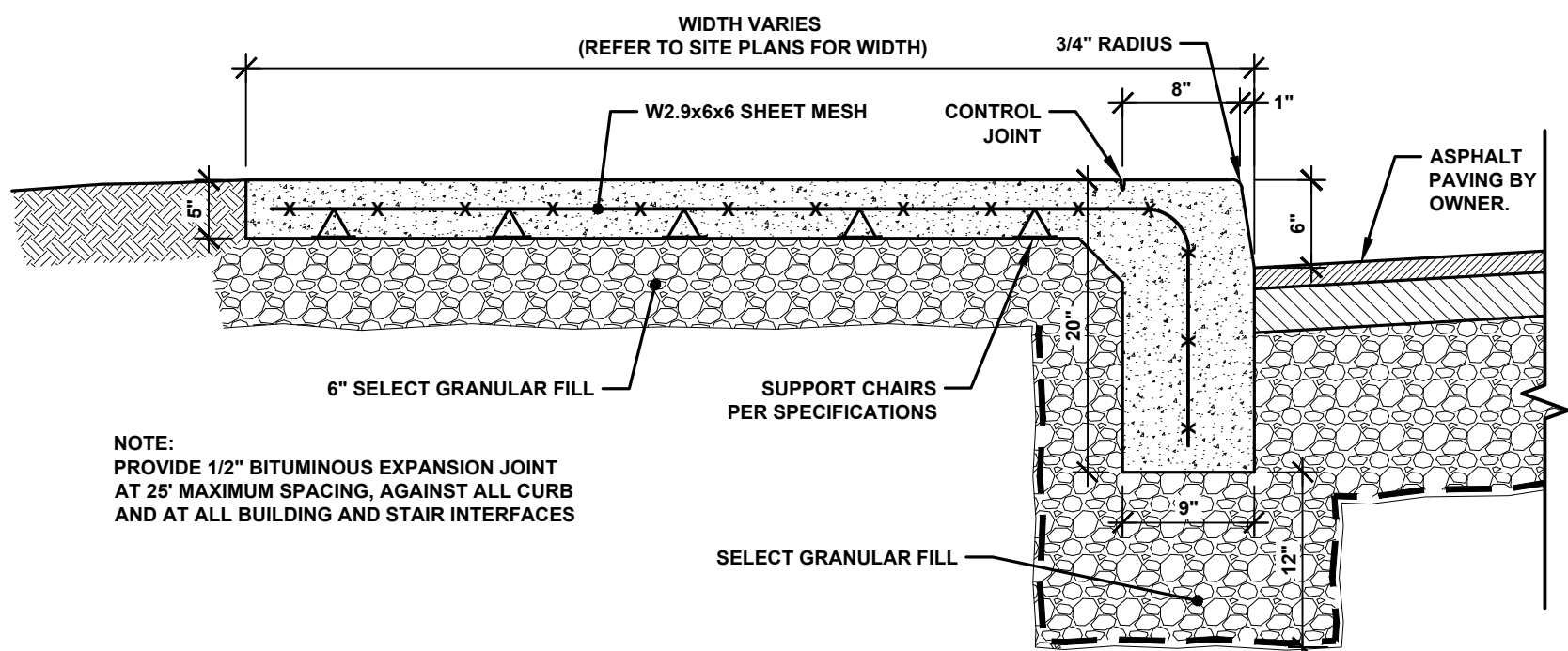
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D4-1

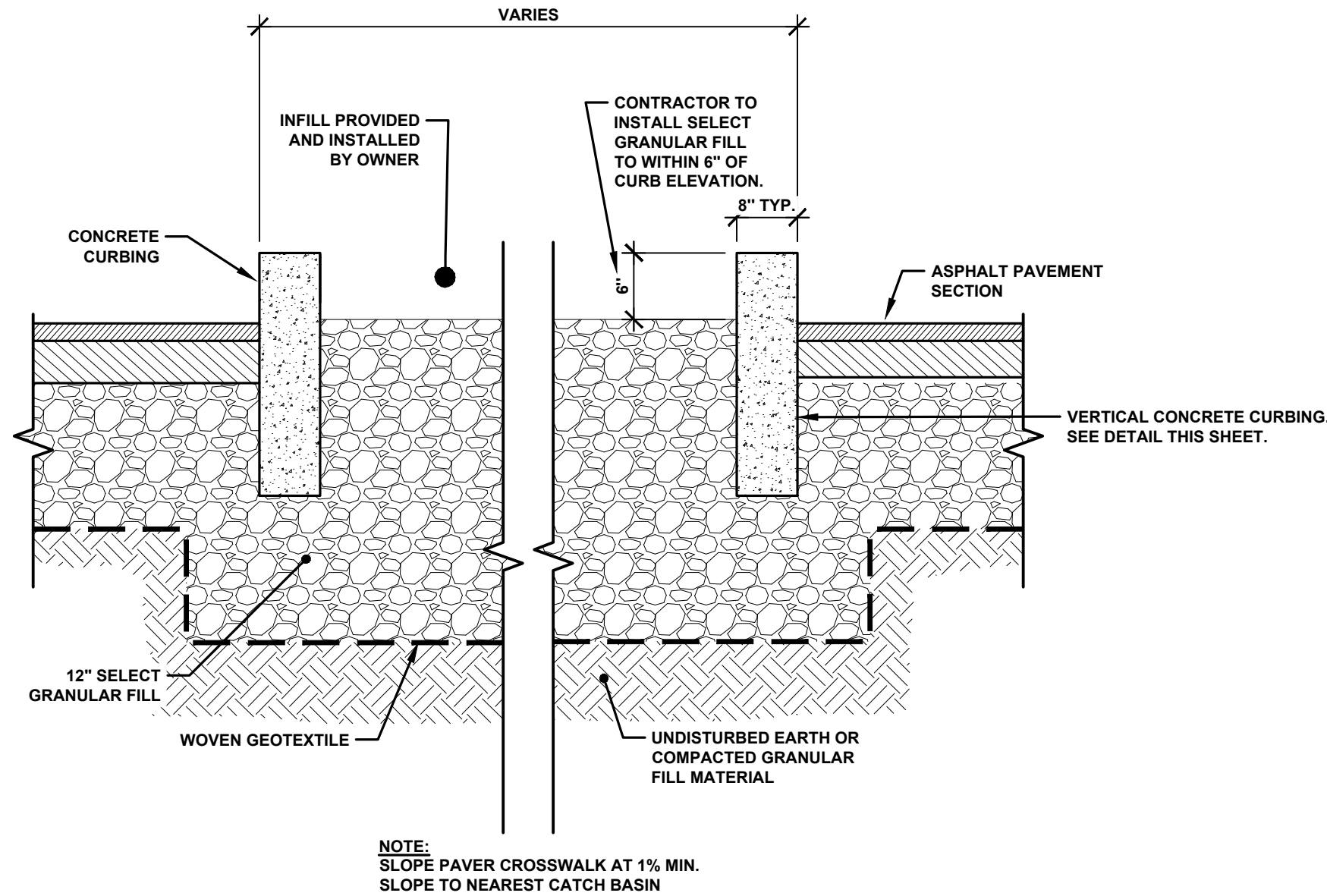
PROJECT NO.

2020-027

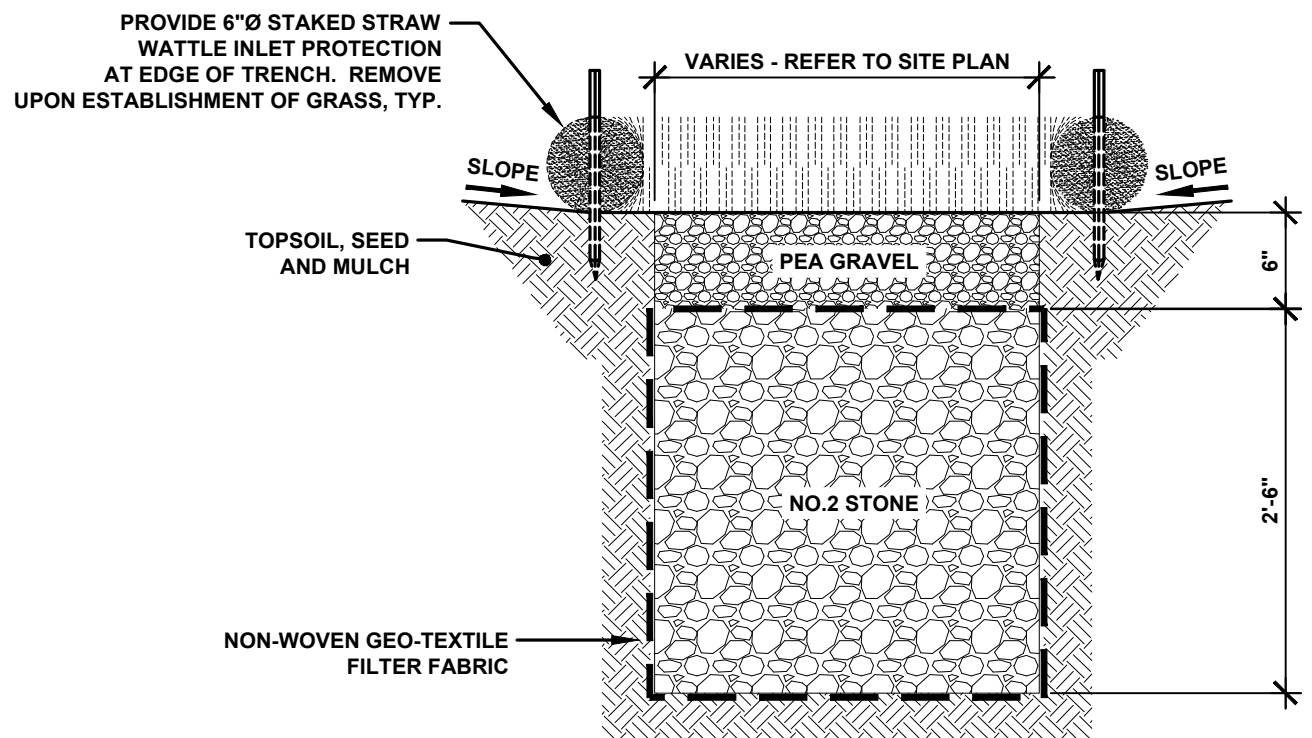




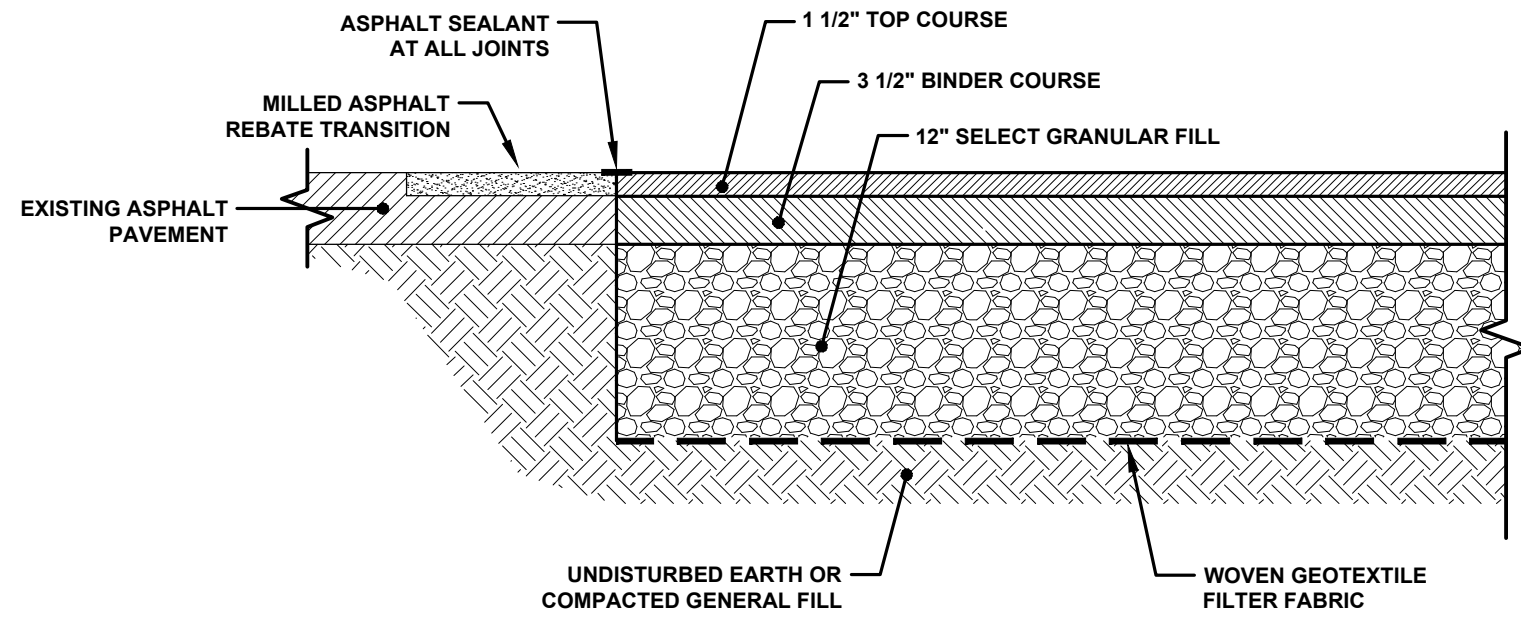
INTEGRAL CONCRETE CURB AND SIDEWALK DETAIL
NOT TO SCALE



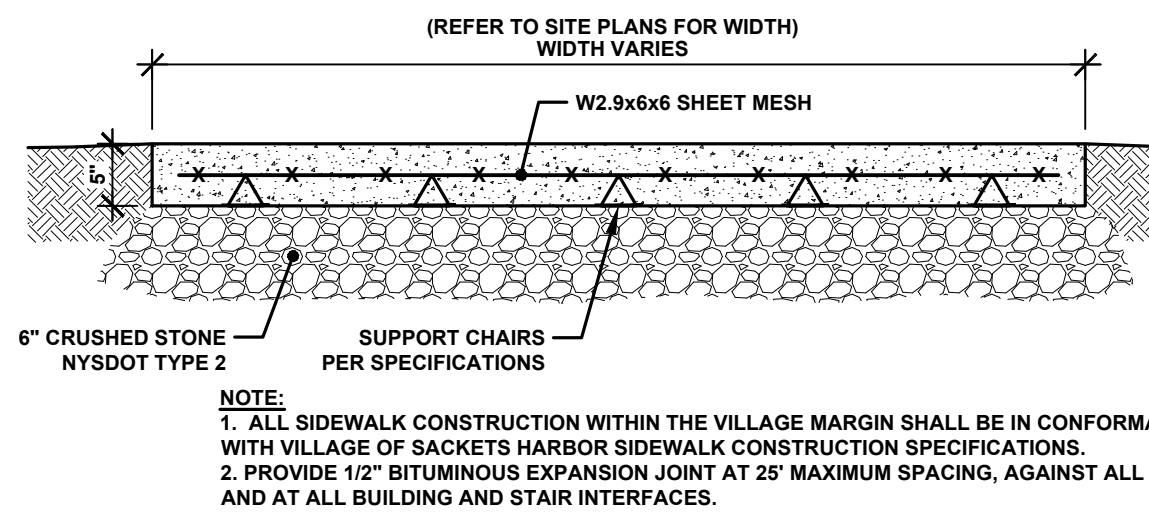
CONCRETE CURB ISLAND DETAIL
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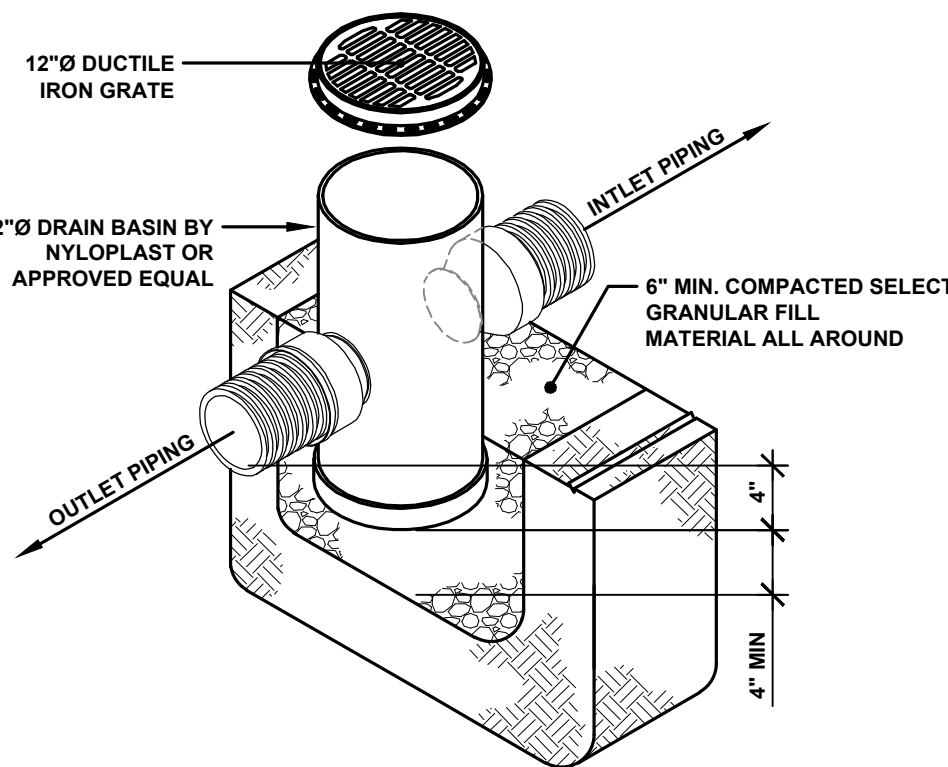
STORMWATER INFILTRATION TRENCH DETAIL
NOT TO SCALE



ASPHALT PAVEMENT DETAIL
NOT TO SCALE



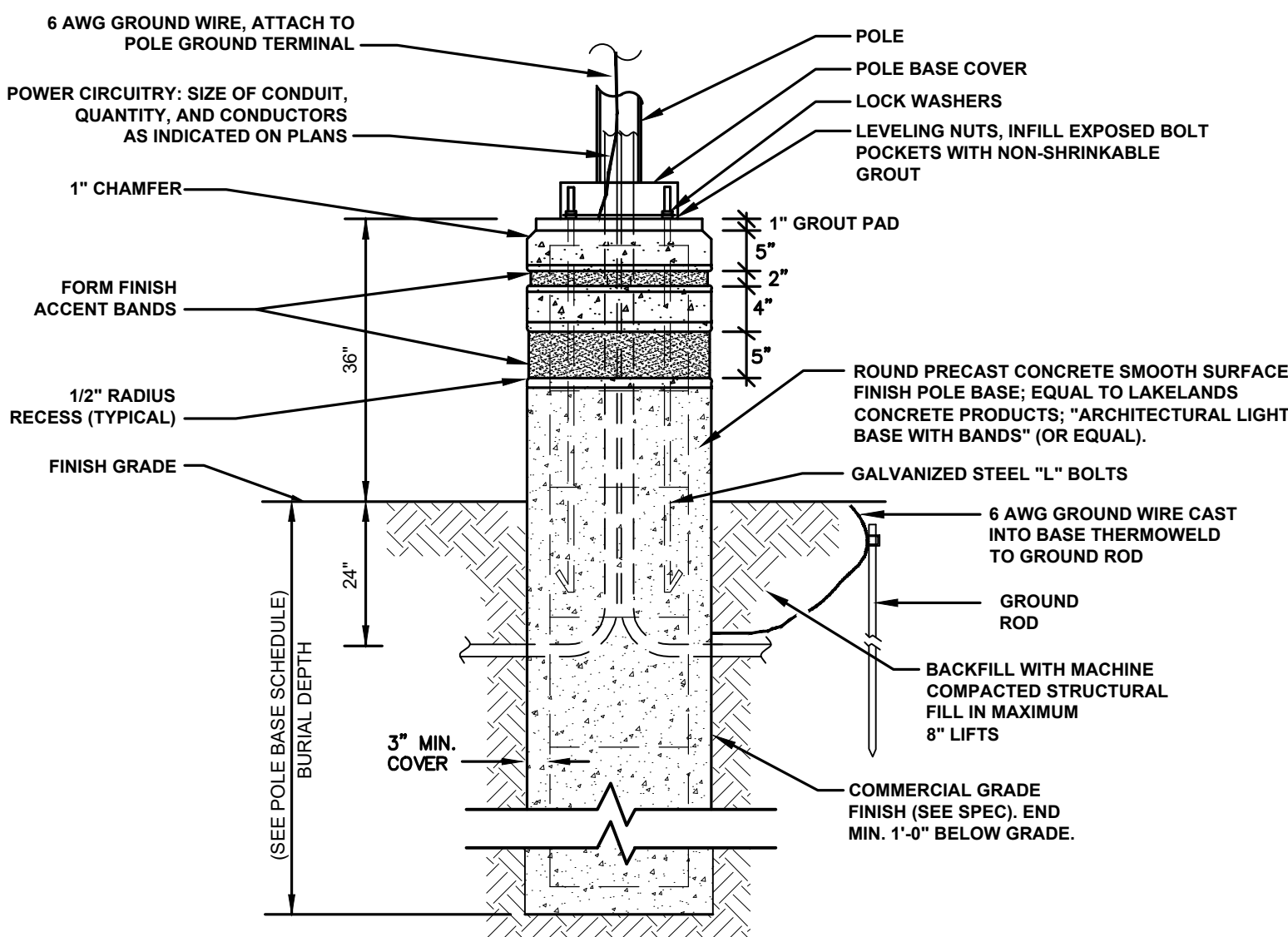
CONCRETE SIDEWALK DETAIL
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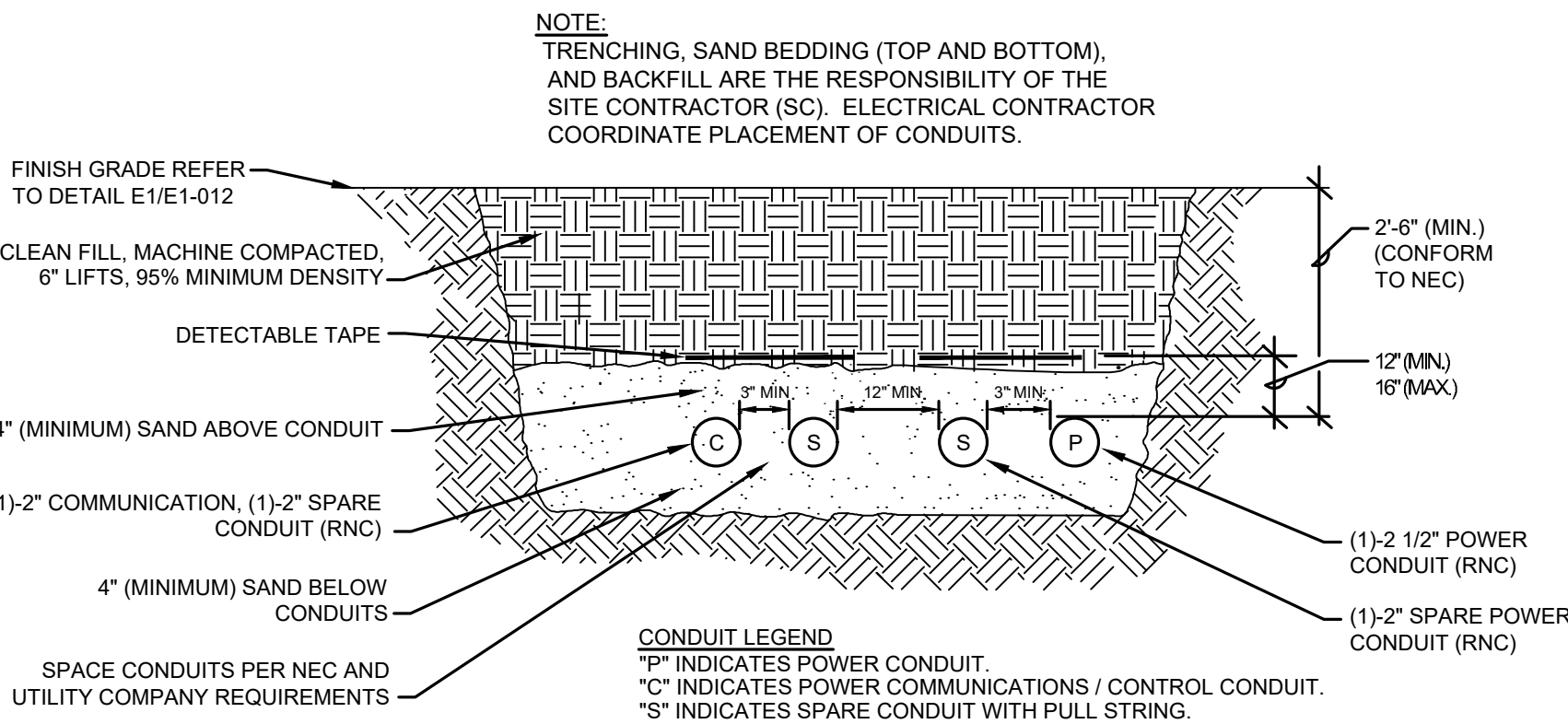
AREA DRAIN DETAIL
NOT TO SCALE

POLE HEIGHT +3' AFF (FT)	BURIAL DEPTH (FT)	VERTICAL REINF.
UP TO 14	5	4-#5
15-20	6	4-#5
21-24	7	4-#5
25-28	8	4-#5
29-34	9	4-#6
35-40	10	4-#6
41-45	11	4-#6
46-50	12	4-#6

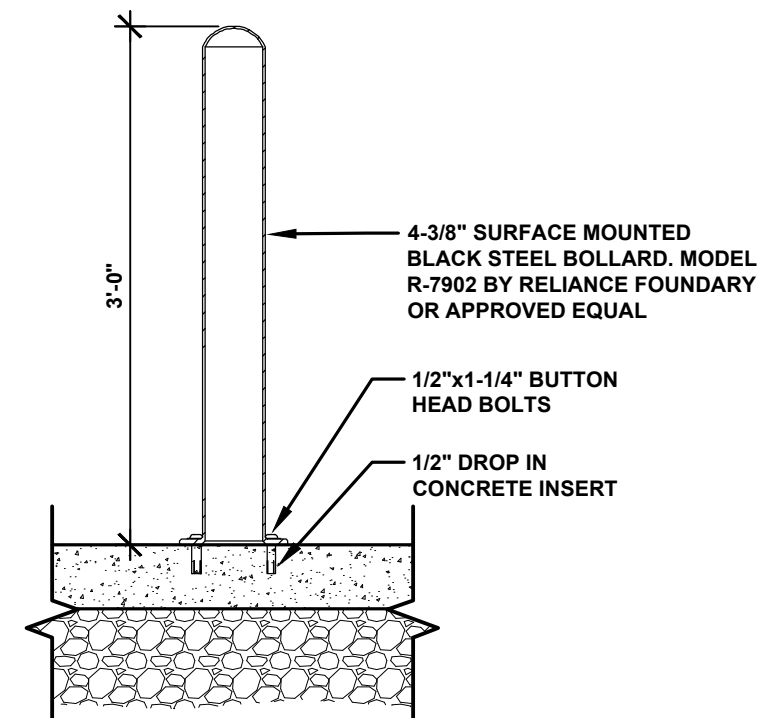
- DETAIL NOTES:**
- ALL DIMENSIONS ARE IN NOMINAL FEET OR INCHES.
 - PROVIDE PRECAST CONCRETE BASE PER DIV. 03 SPEC. "PRECAST CONCRETE LIGHTING POLE BASES"
 - POLE BASE DIAMETER OF 24 INCHES & 5000 PSI
 - PROVIDE STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED AND CONNECT TO METAL POLE WITH BARE COPPER CONDUCTOR.
 - VERIFY CONDUIT SIZE, QUANTITY, AND CONFIGURATION IN POLE BASE PRIOR TO PRECAST BASES.
 - REFER TO POLE BASE SCHEDULE FOR VERTICAL REINFORCING BARS. PROVIDE #3 HORIZONTAL TIES AT 6" O.C. FOR TOP 4' AND 12" O.C. FOR THE REMAINDER.



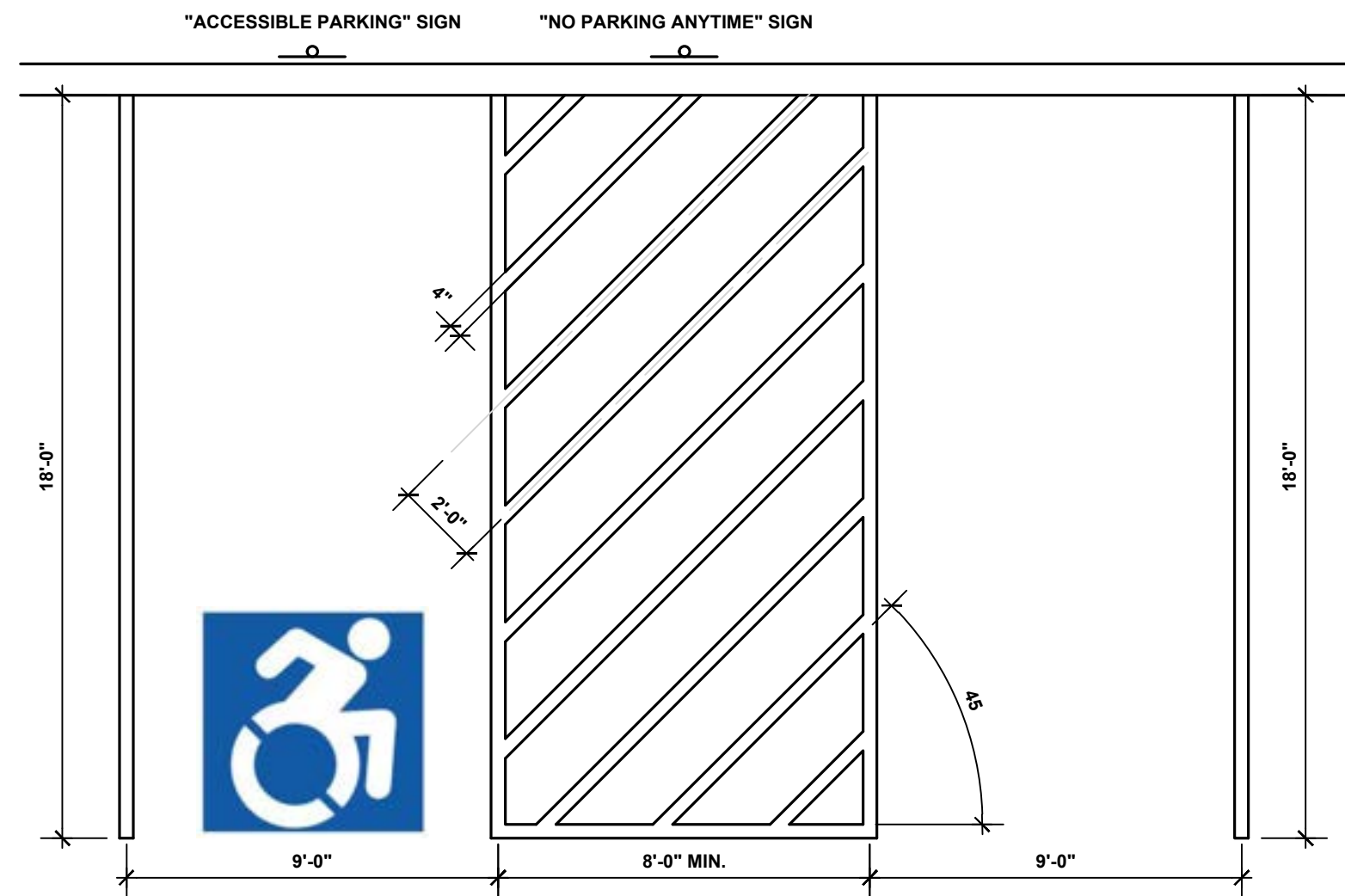
TYPICAL POLE BASE DETAIL
NOT TO SCALE



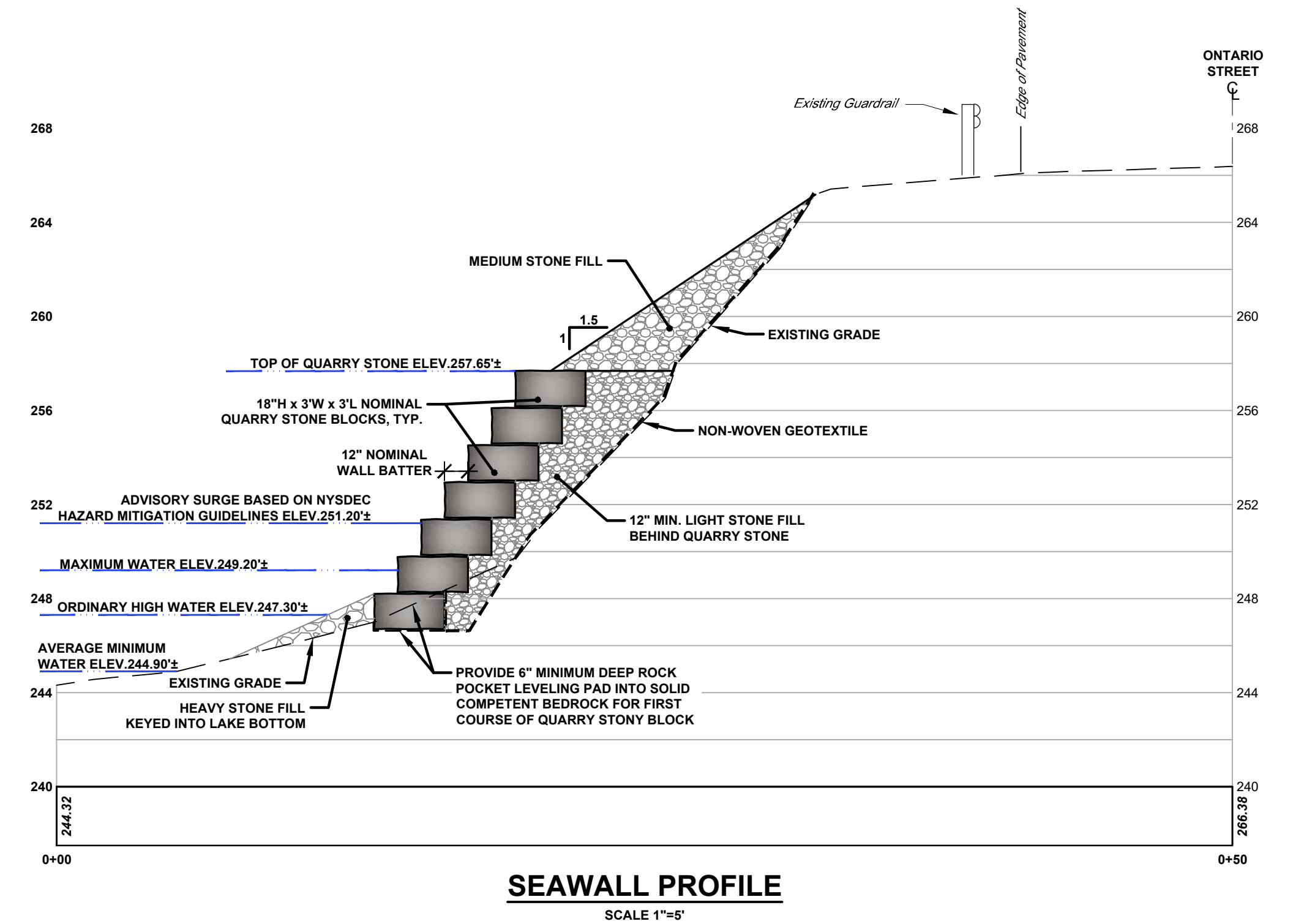
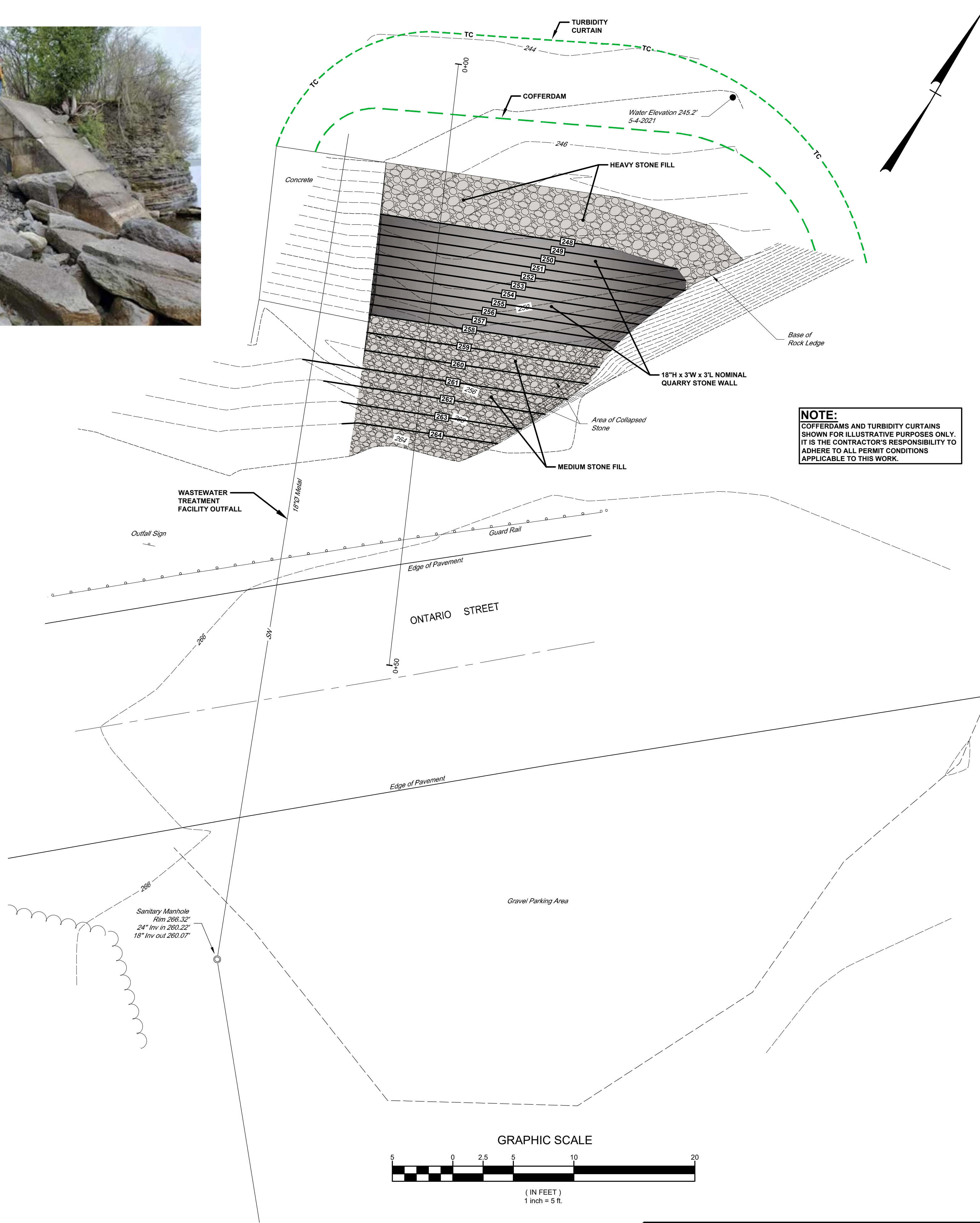
MULTI-SERVICE TRENCH DETAIL
NOT TO SCALE



SURFACE MOUNTED BOLLARD DETAIL
NOT TO SCALE



**PARKING SPACE LAYOUT DETAIL
(TYPICAL & HANDICAP ACCESSIBLE SPACES)**
NOT TO SCALE



ONTARIO STREET OUTFALL - SITE PLAN & SECTION

VILLAGE OF SACKETS HARBOR
REDI IMPROVEMENTS
COUNTY OF JEFFERSON - STATE OF NEW YORK

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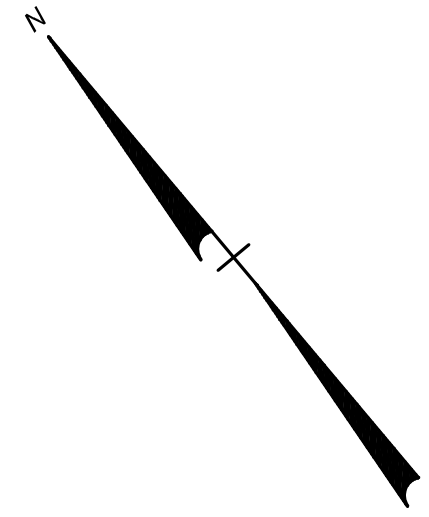
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SCALE:	AS NOTED
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SHEET NO.

S6-1

PROJECT NO.
2020-027



#	ID	BOTANICAL NAME	COMMON NAME	CONT	SIZE
2	TC	TILIA CORDATA	LITTLE LEAF LINDEN	B&B	1.75 DBH
4	AG	AMELANCHIER GRANDIFLORA	MULTI-STEM SERVICEBERRY "AUTUMN BRILLIANCE"	B&B	4"-6" caliper
12	BX	BOXWOOD	BOXWOOD "GREEN VELVET"	CONT	#2
SHRUBS	LP	LIRIOPE	LILYTURF	CONT	2.5 QT.

TAX PARCEL NO.
88-28-1-1.1
NEW YORK STATE
TI PARK COMM.

TAX PARCEL NO.
88-28-1-1.1
NEW YORK STATE
TI PARK COMM.

TAX PARCEL NO.
88-28-1-2
NEW YORK STATE
TI PARK COMM.

TAX PARCEL NO.
88-27-1-1
VILLAGE OF
SACKETT HARBOR

PICKERING BEACH - SITE PLAN

VILLAGE OF SACKETT HARBOR
REDI IMPROVEMENTS
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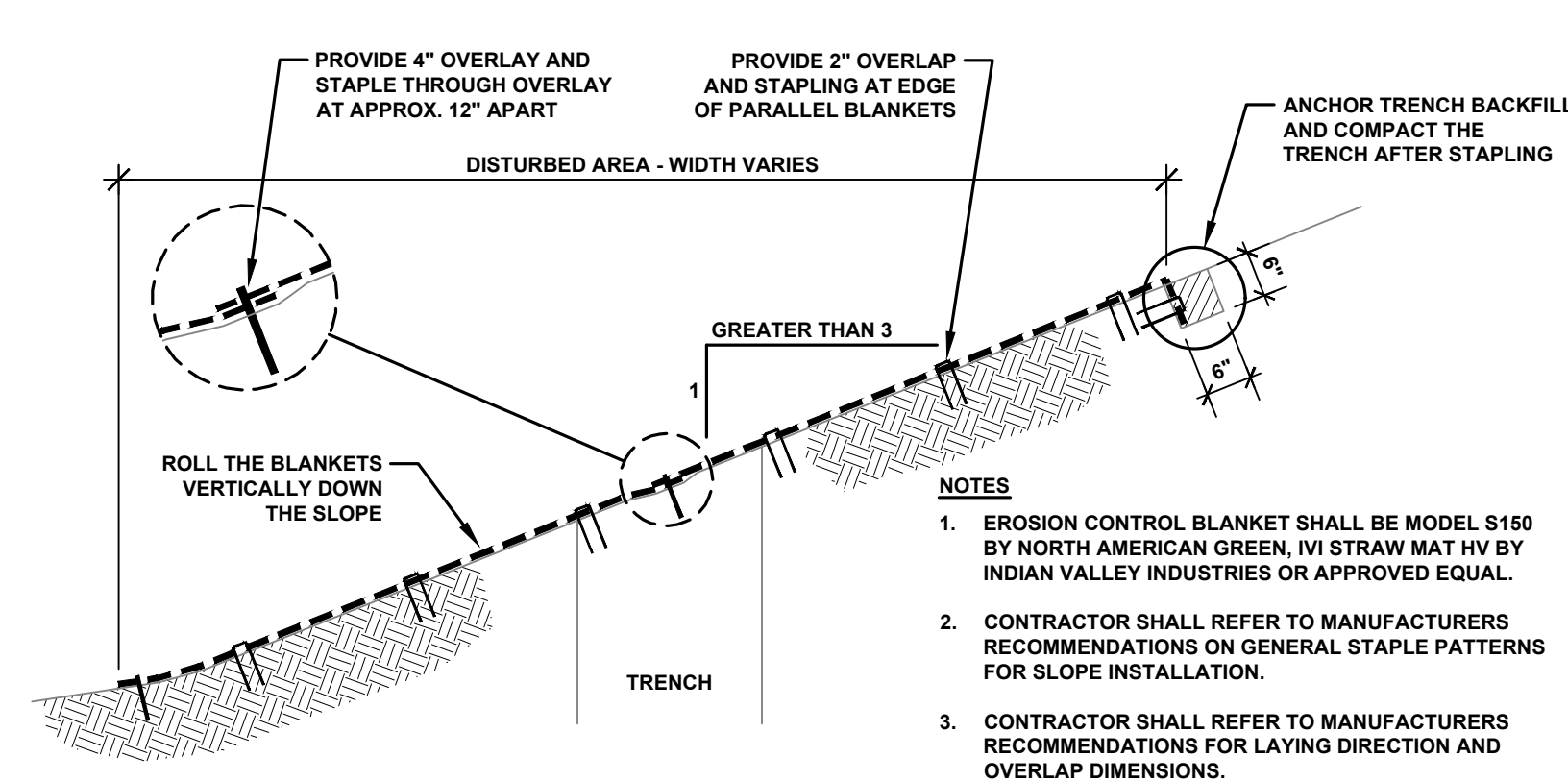
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DRAWN BY:	JBE
DATE:	03/01/2023
LAST REVISION:	
SCALE:	1"=5'
PRINTED FOR:	BID

SHEET NO.

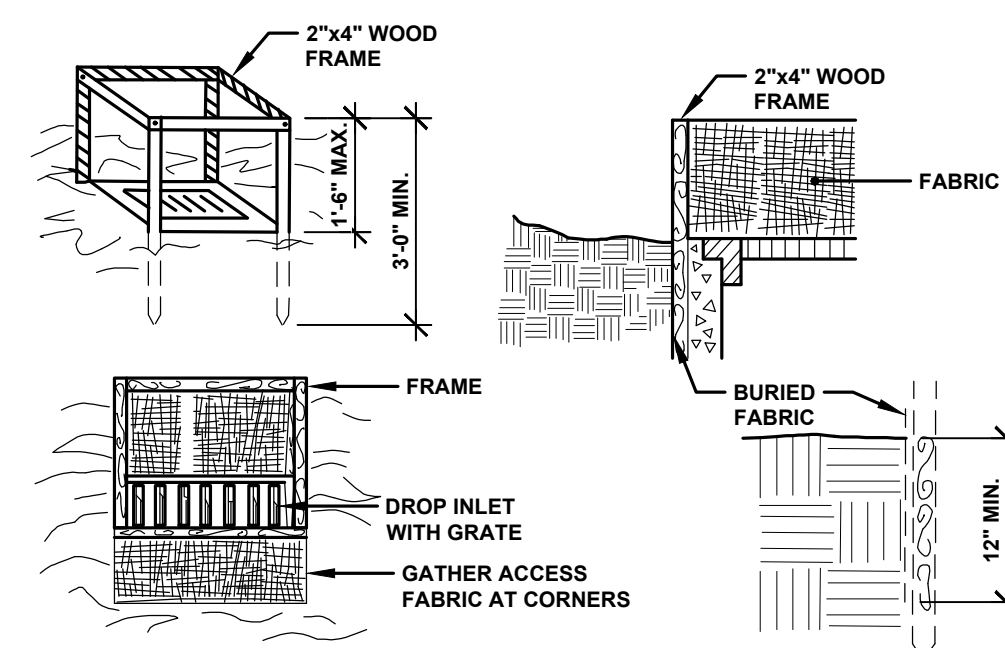
S7-1

PROJECT NO.
2020-027



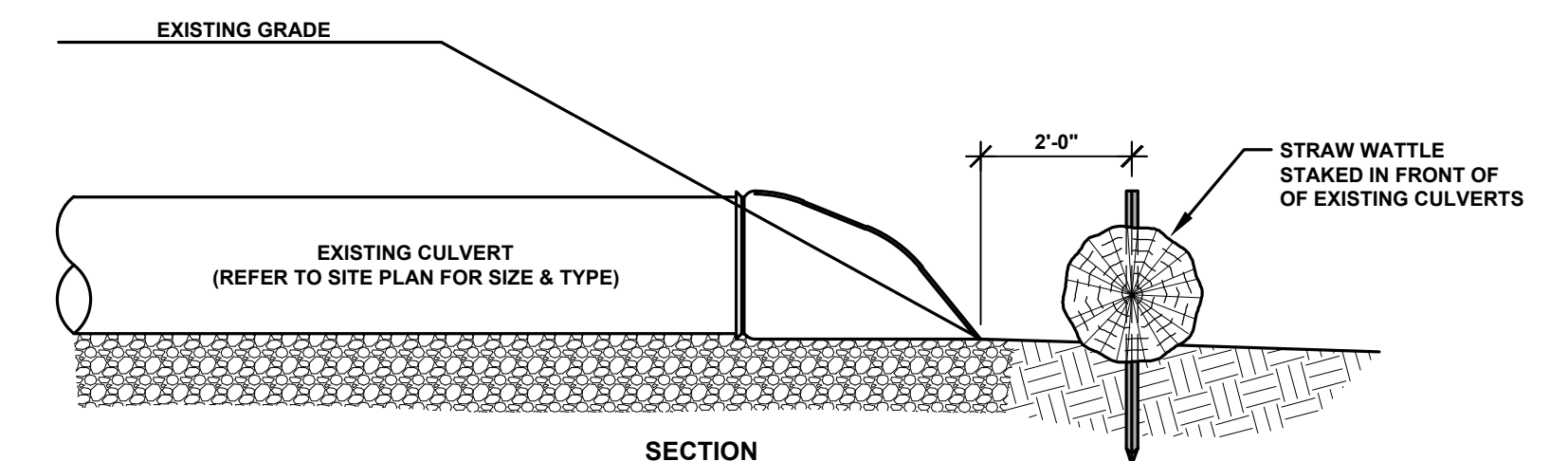
EROSION CONTROL BLANKET DETAIL

NOT TO SCALE

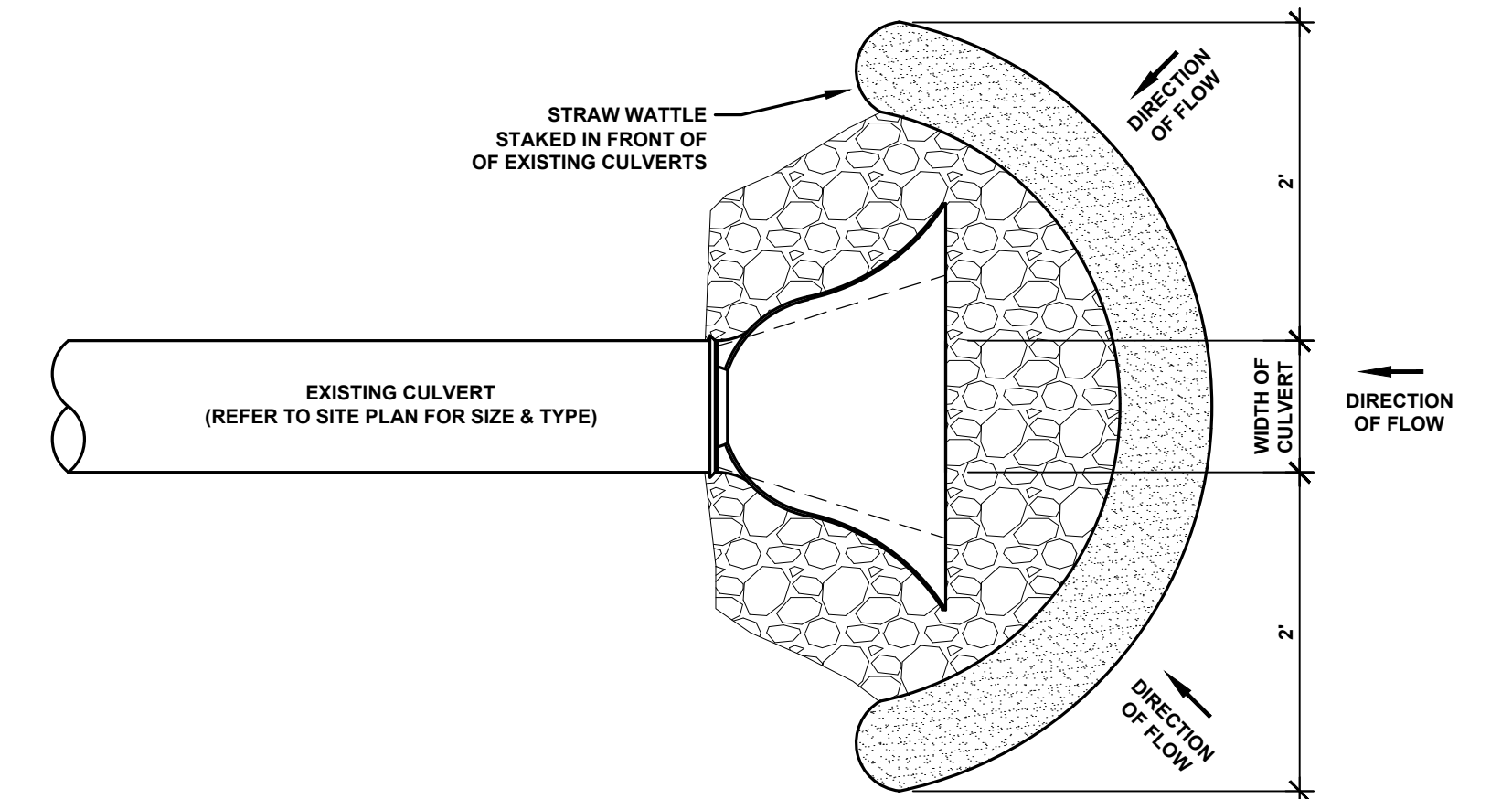


CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
4. SPACE STAKES EVENLY AROUND INLET 3' APART AND DRIVE A MINIMUM 18" DEEP. SPANS GREATER THAN 8' MUST BE BRIDGED WITH THE USE OF WIRE MESH BETWEEN THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1' MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE



SECTION

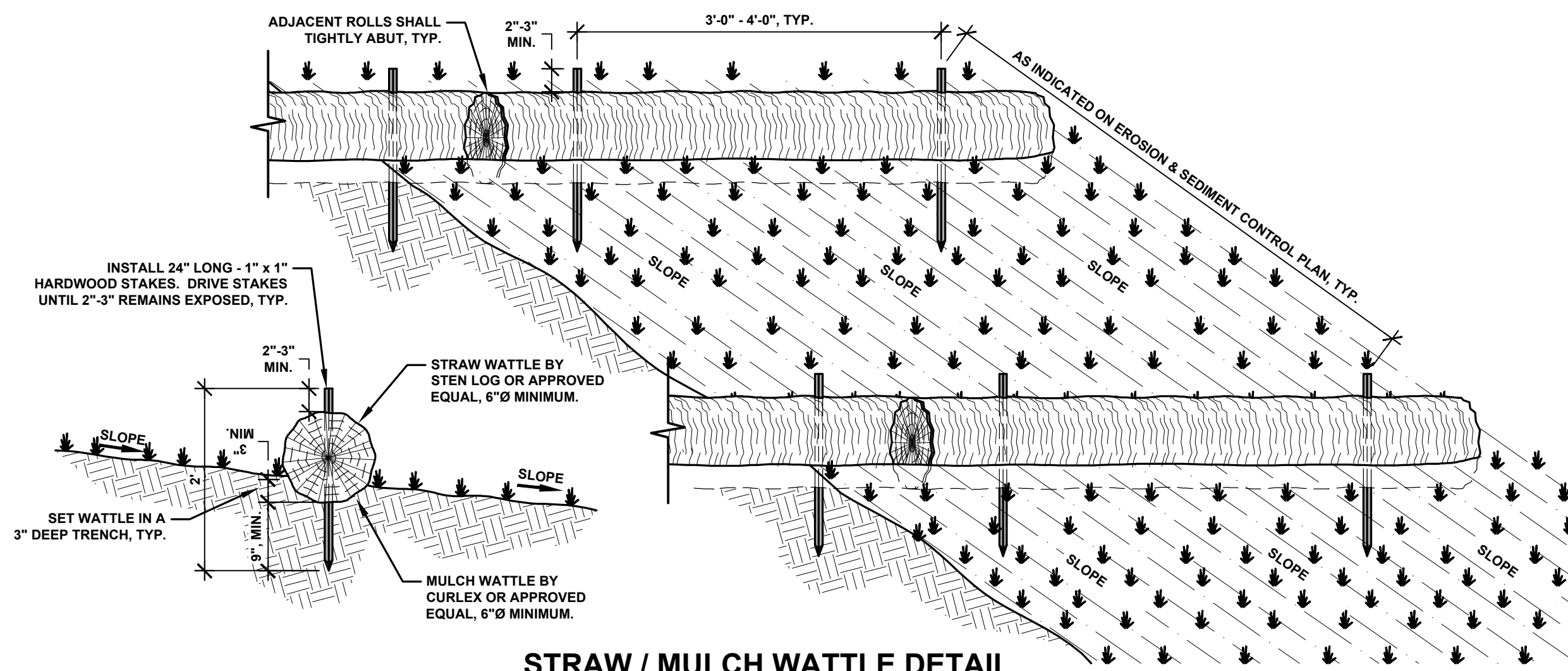


NOT TO SCALE

1. STONE SIZE - USE 2" STONE.
2. LENGTH - NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS. TWENTY-FOUR (24) FEET IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOT - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF HIGHLY POLLUTICAL, A MOUNTABLE BERM WITH 5' SLOPE WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STRAW / MULCH WATTLE DETAIL

NOT TO SCALE


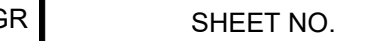


STRAW / MULCH WATTLE DETAIL

NOT TO SCALE

STORMWATER POLLUTION PREVENTION NOTES:

- THERE SHALL NOT BE MORE THAN FIVE (5) ACRES OF DISTURBED SOIL AT ANY ONE TIME.
- DISTURBED AREAS WITHIN THE NYSDOT HIGHWAY RIGHT-OF-WAY SHALL BE PROTECTED FROM EROSION WITHIN 7 DAYS, ALL OTHER AREAS SHALL BE PROTECTED WITHIN 14 DAYS.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON DISTURBED AREAS WITH 3:1 OR GREATER SLOPE OR IN CONCENTRATED FLOW PATHS.
- CONTRACTOR SHALL PREPARE AND CONTINUOUSLY UPDATE A CONSTRUCTION PHASING PLAN.
- CONTRACTOR SHALL PROVIDE LOCATIONS OF OFF-SITE MATERIAL, WASTE, BORROW OR EQUIPMENT.
- SOIL AND STONE STOCKPILES SHALL BE PROTECTED FROM EROSION. WHEN STOCKPILES ARE IN USE, THE PROTECTION SHALL BE REPLACED AT THE END OF EACH WORK DAY.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT STAGING AREAS TO PREVENT TRACKING SEDIMENT ONTO PUBLIC RIGHT-OF-WAY OR STREETS.
- CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND AFTER ALL RAINFALL EVENTS.
- CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES UNTIL PERMANENT RESTORATION IS ESTABLISHED.

EROSION AND SEDIMENT CONTROL DETAILS			Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM		CHECKED BY: CGR	SHEET NO.
VILLAGE OF SACKETS HARBOR REDI IMPROVEMENTS COUNTY OF JEFFERSON - STATE OF NEW YORK			<small> COPYRIGHT 2023 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT IS A VIOLATION UNDER THE NEW YORK STATE EDUCATION LAW FOR ANY UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT AS PER ARTICLE 145 AND 147. </small>		DRAWN BY: JBE DATE: 03/01/2023 LAST REVISION: SCALE: AS NOTED PRINTED FOR: BID	

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GENERAL NOTES

1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES


1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11', THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

		STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
		U.S. CUSTOMARY STANDARD SHEET	
	WORK ZONE TRAFFIC CONTROL GENERAL NOTES		
	APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036	
EFFECTIVE DATE: 01/08/09	<u>/S/ DAVID J. CLEMENTS, P.E.</u> DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY		619-10

WORK ZONE TRAFFIC CONTROL GENERAL NOTES		<div>BCA ARCHITECTS ENGINEERS</div>	<div>Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM <small>COPYRIGHT 2023 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT IS A VIOLATION UNDER THE NEW YORK STATE EDUCATION LAW FOR ANY UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT AS PER ARTICLE 145 AND 147. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE & NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.</small></div>		CHECKED BY:	CGR	SHEET NO.
<div>VILLAGE OF SACKETS HARBOR REDI IMPROVEMENTS COUNTY OF JEFFERSON - STATE OF NEW YORK</div>					DRAWN BY:	JBE	<div>WZ-1</div>
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