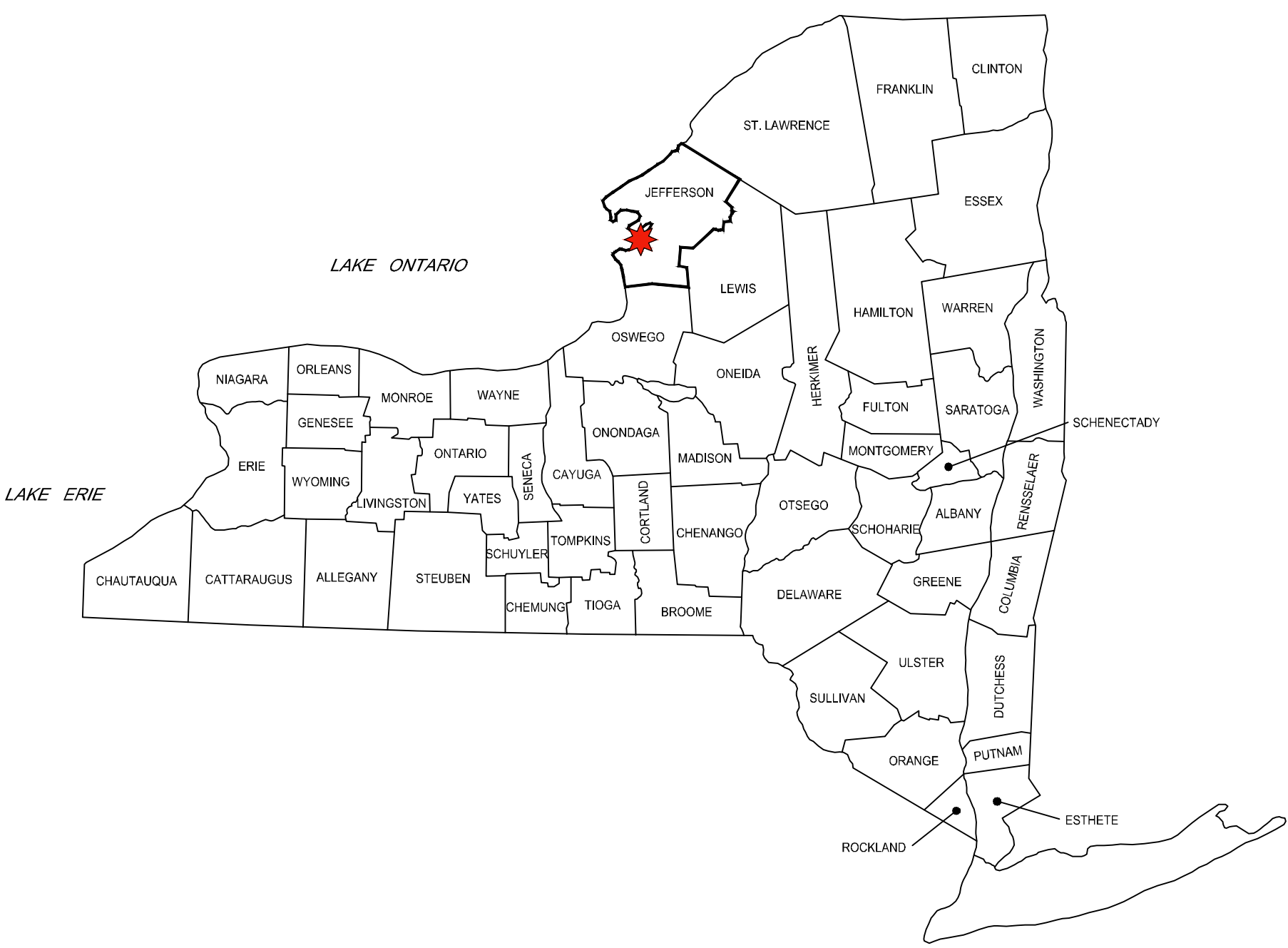
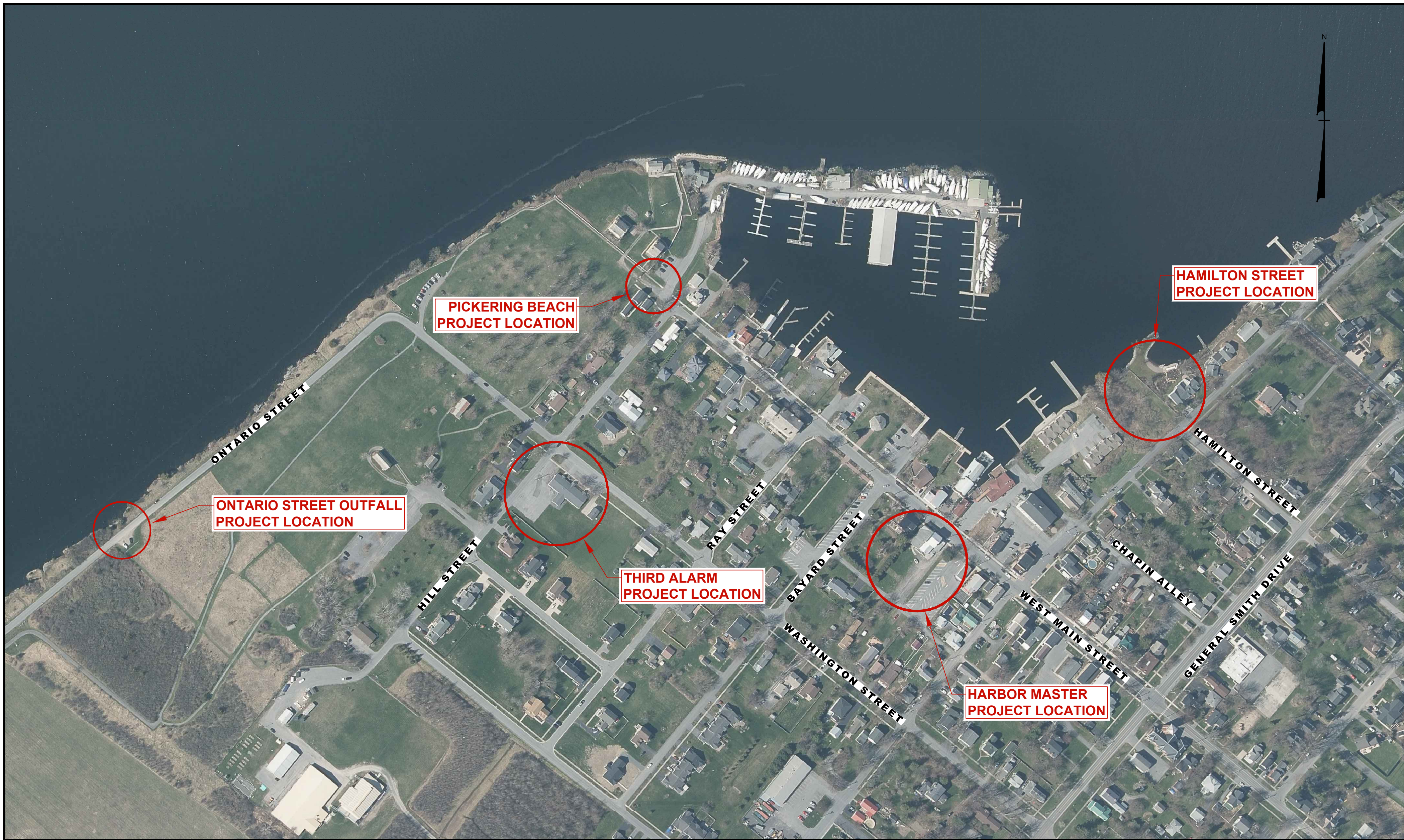


VILLAGE OF SACKETS HARBOR

REDI IMPROVEMENTS

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



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PRINTED FOR BID
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SHEET NO.
COVER
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 VILLAGE 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 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.
- 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.












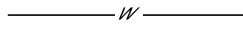









NYSDEC SPECIAL CONDITIONS

- 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, 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.
- 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.
- ANY IN WATER WORK REQUIRED FOR THE CROSSING OF A WATER COURSE SHALL BE ACCOMPLISHED IN ACCORDANCE WITH NYSDEC REQUIREMENTS.
- DURING PERIODS OF WORK ACTIVITY, FLOW PAST THE SITE WILL EQUAL FLOW IMMEDIATELY UPSTREAM OF THE SITE UNLESS SPECIFICALLY PERMITTED OTHERWISE.
- 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.
- 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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S4-1	HARBOR MASTER - SITE PLAN
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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
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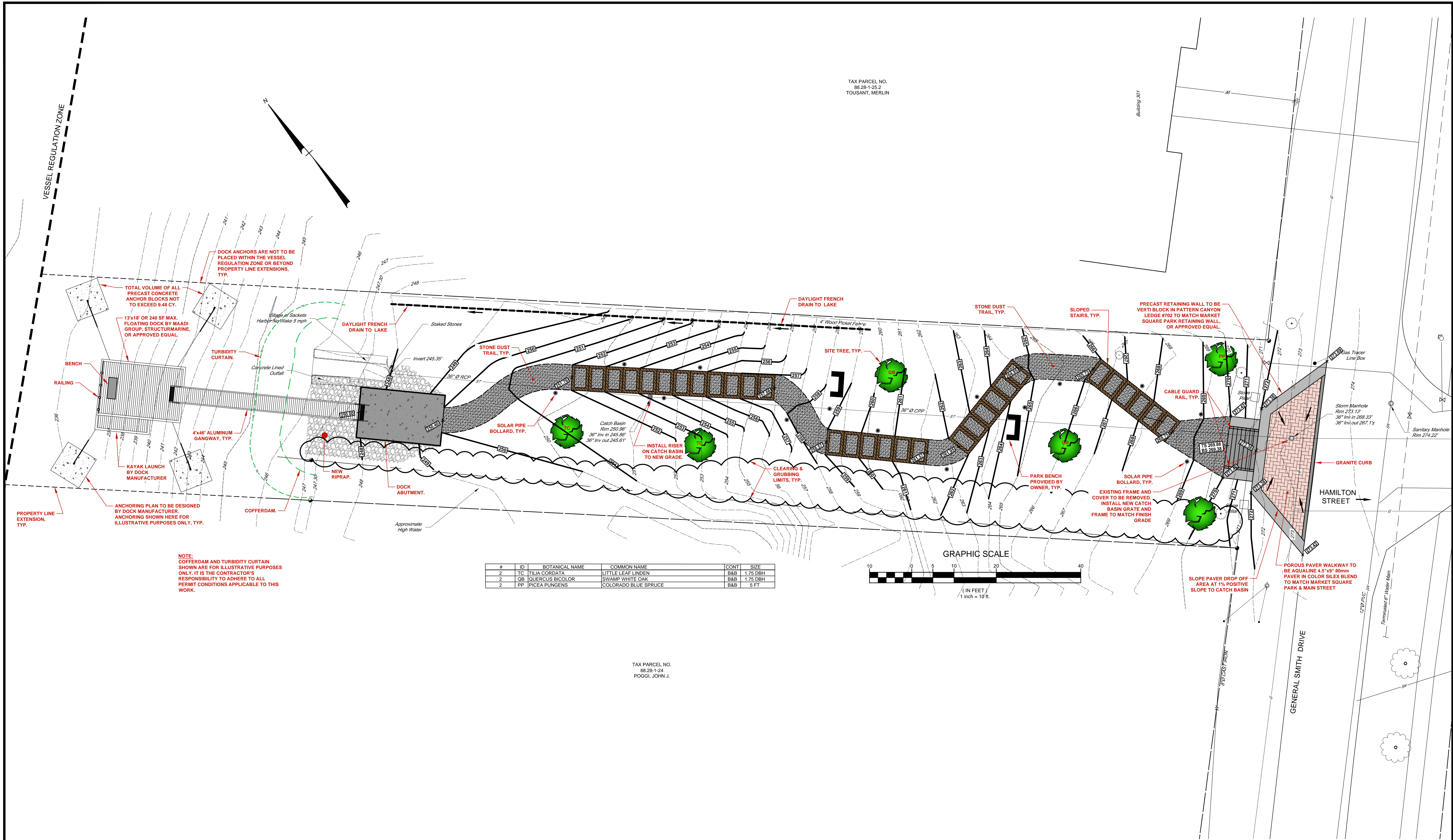
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SHEET NO.

I-1

PROJECT NO.
2020-027



#	ID	BOTANICAL NAME	COMMON NAME	CONT	SIZE
2	TC	TILIA CORDATA	LITTLE LEAF LINDEN	B&B	1.75 DBH
2	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	1.75 DBH
2	PP	PICEA PUNGENS	COLORADO BLUE SPRUCE	B&B	5 FT

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

HAMILTON STREET - SITE PLAN

VILLAGE OF SACKETS HARBOR
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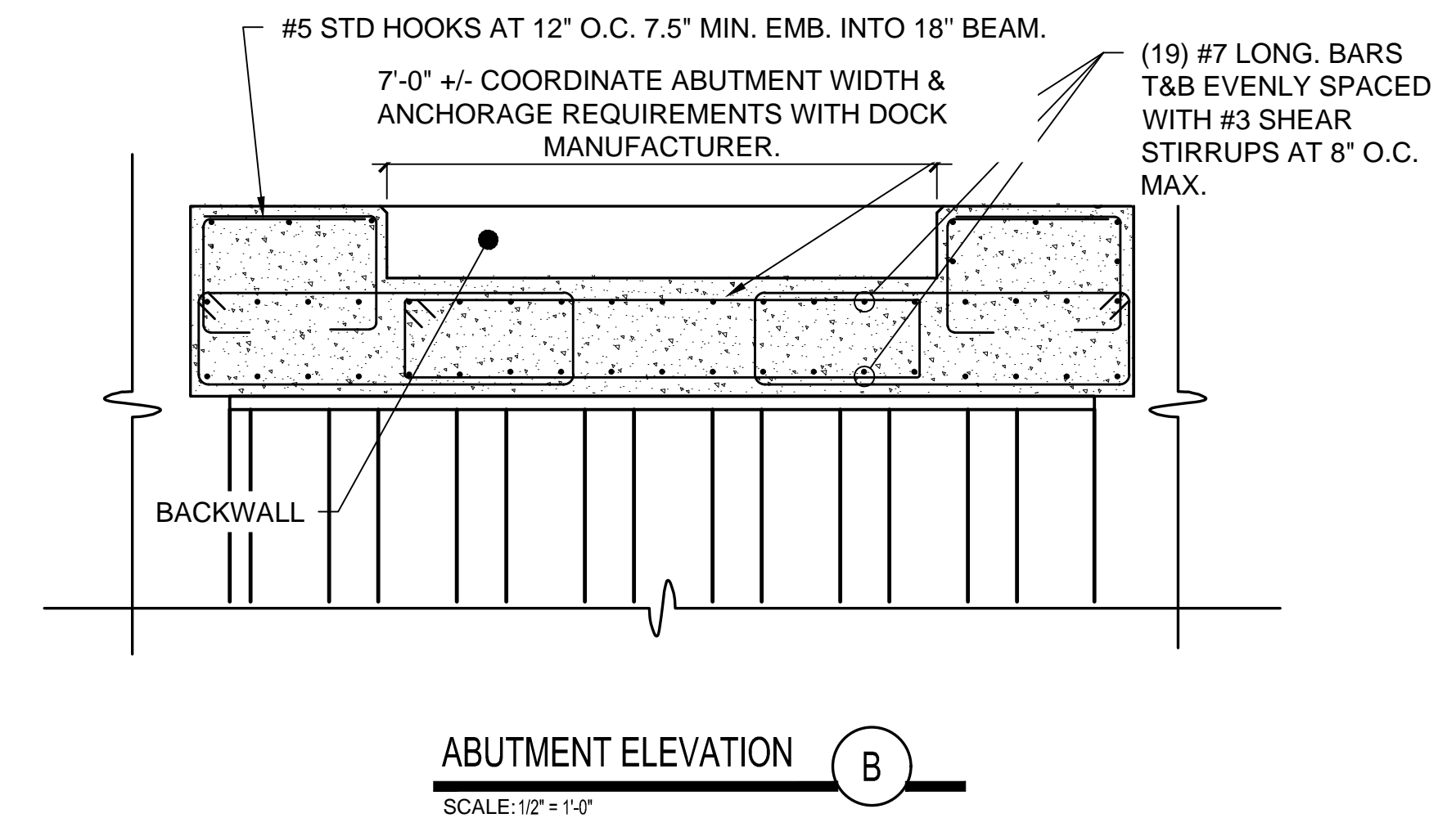
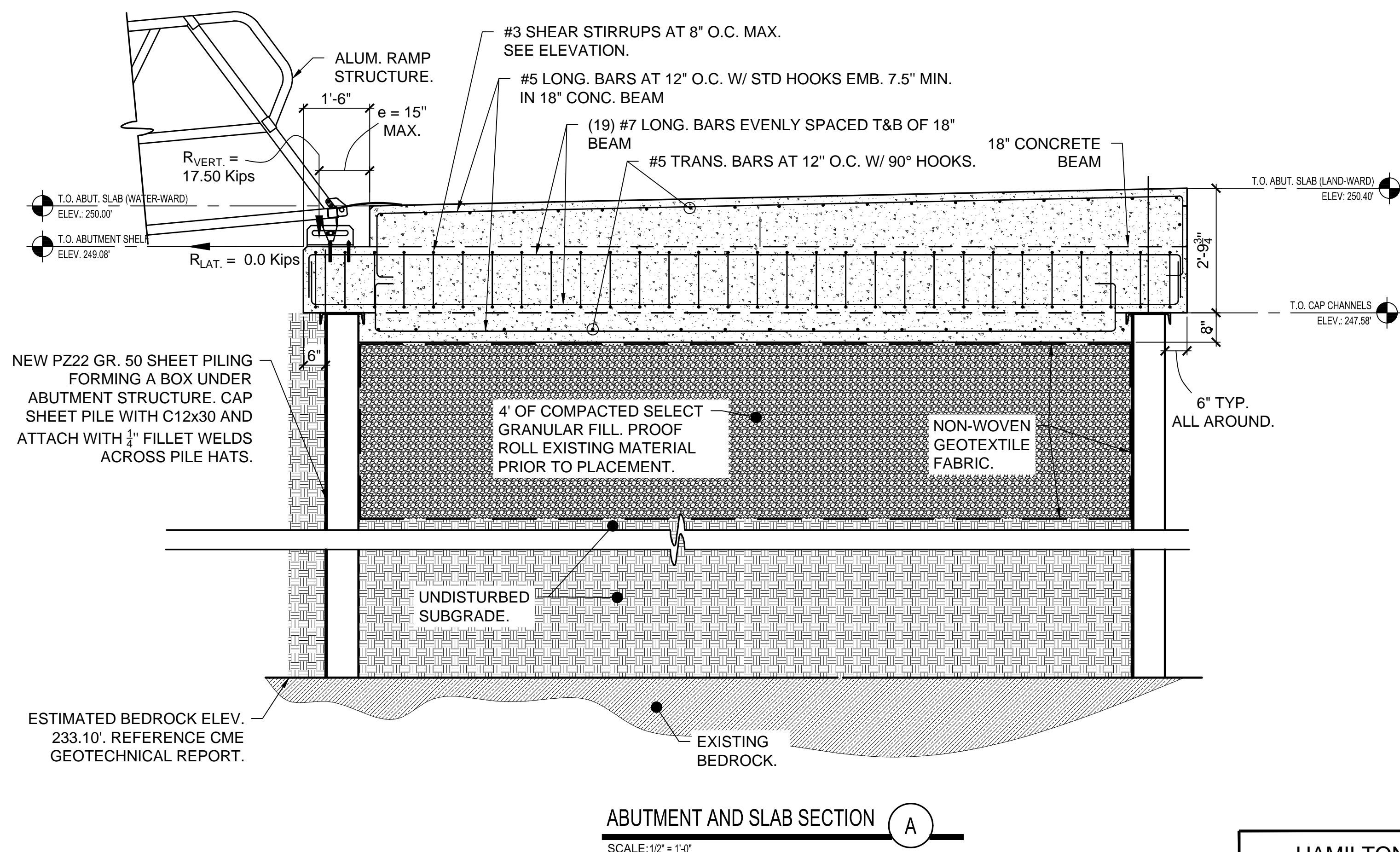
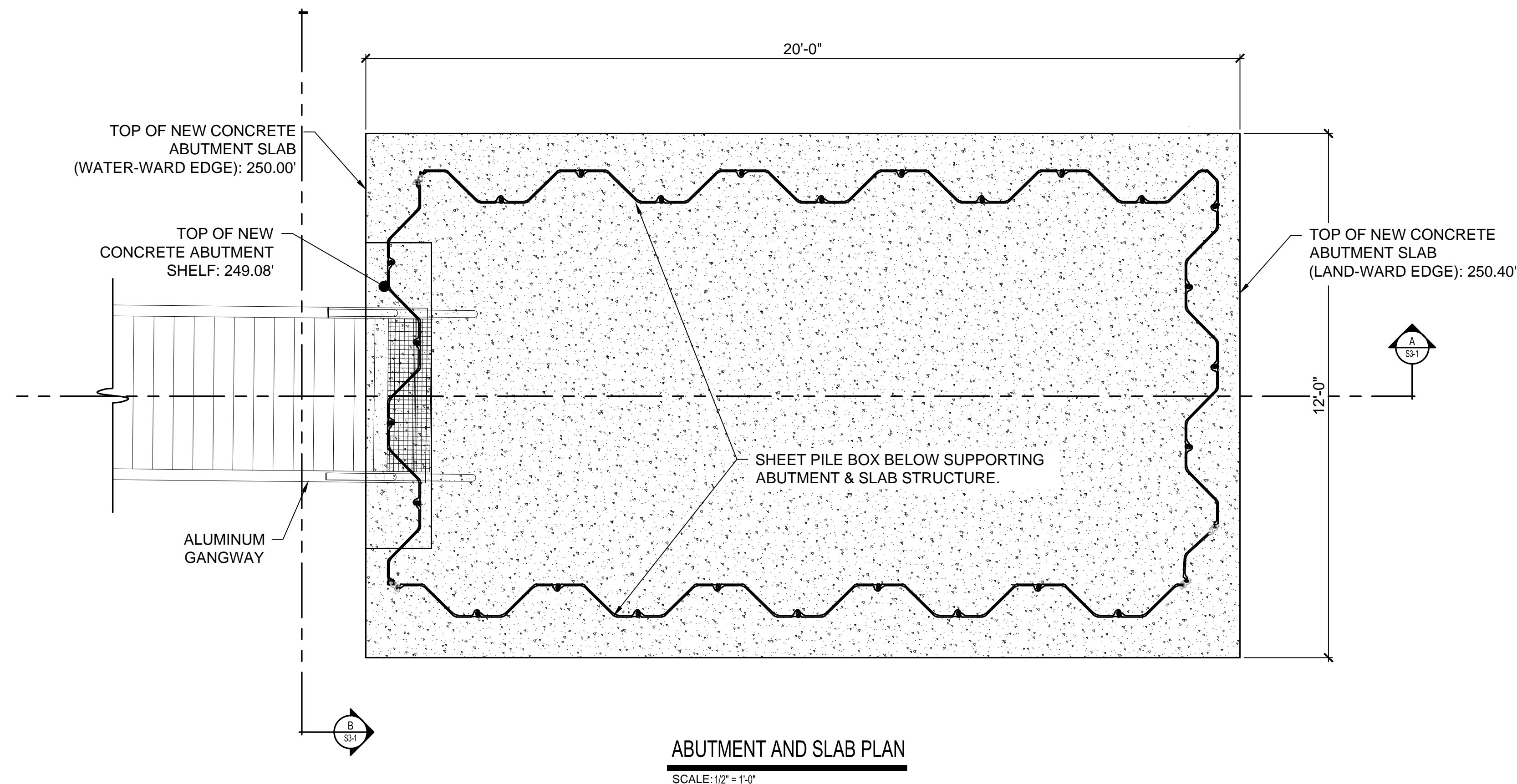
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S3-1

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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

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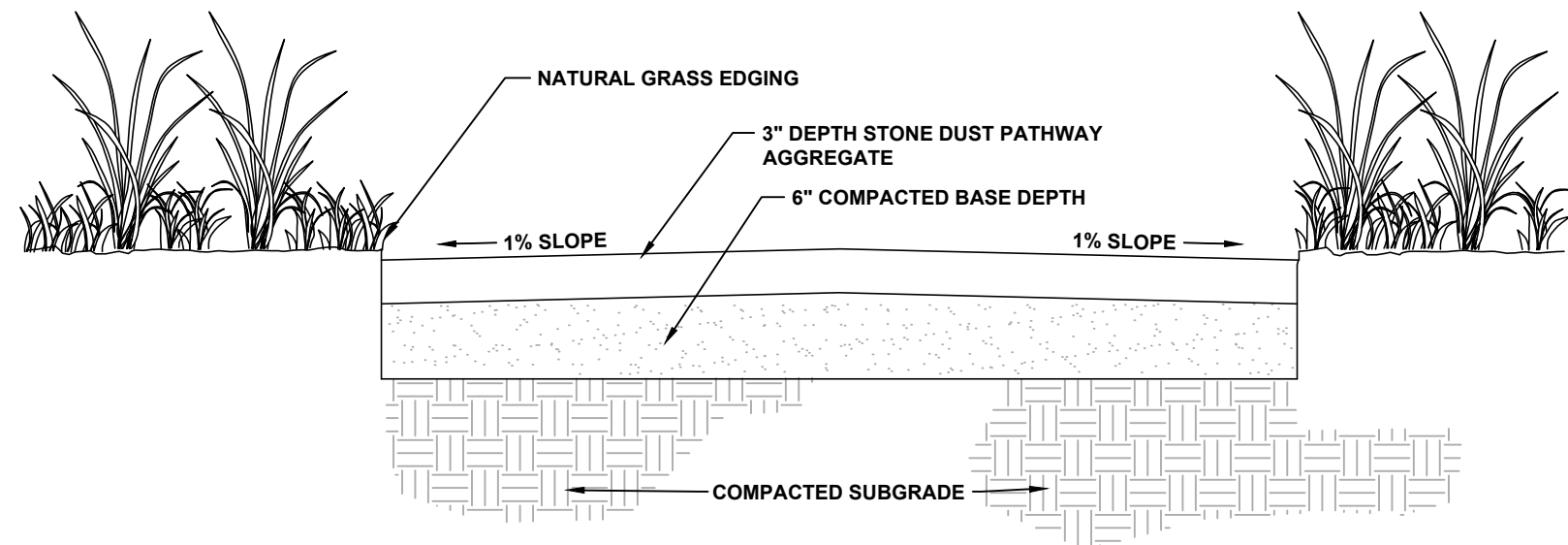
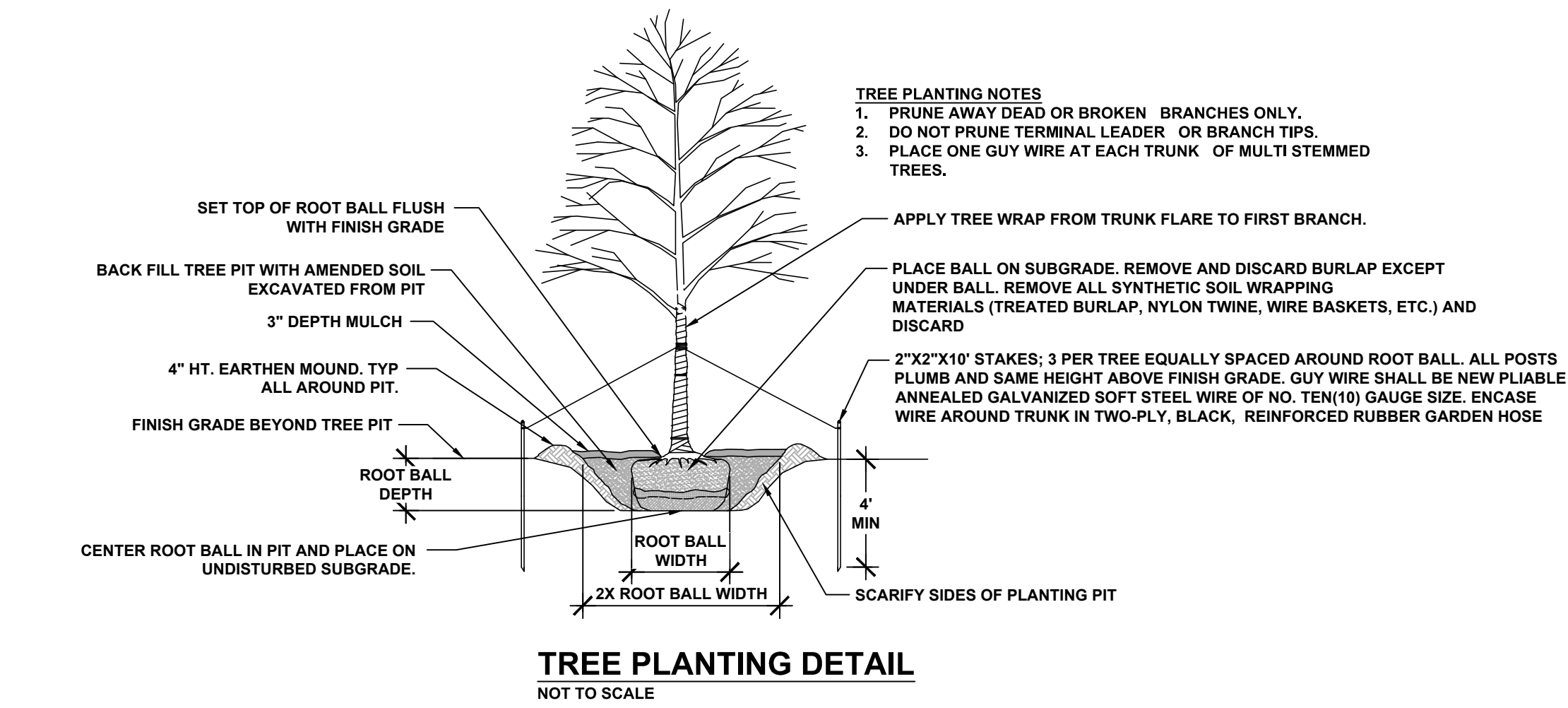
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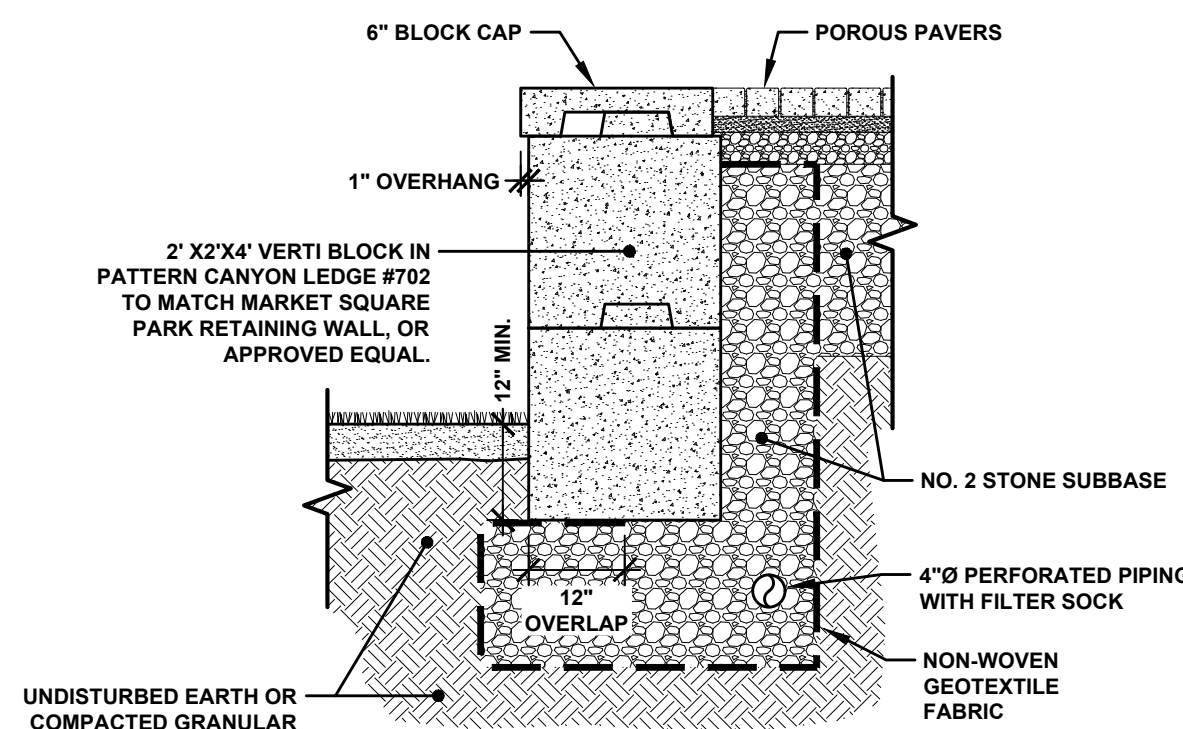
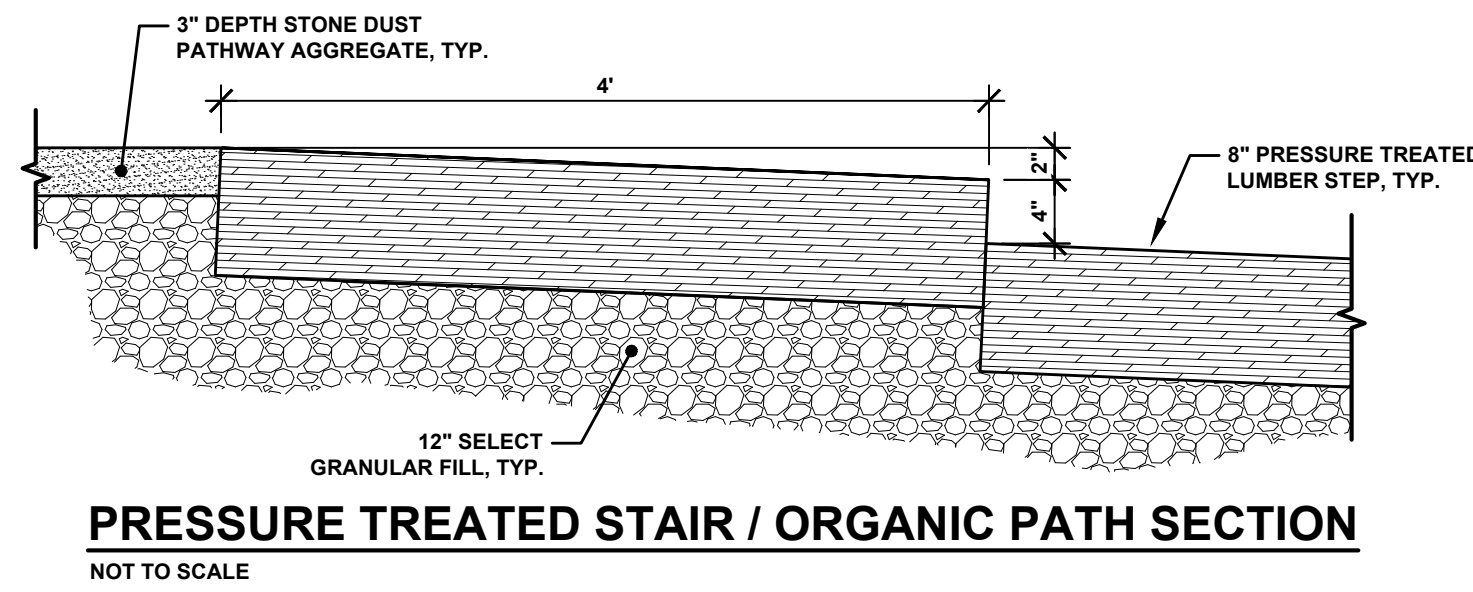
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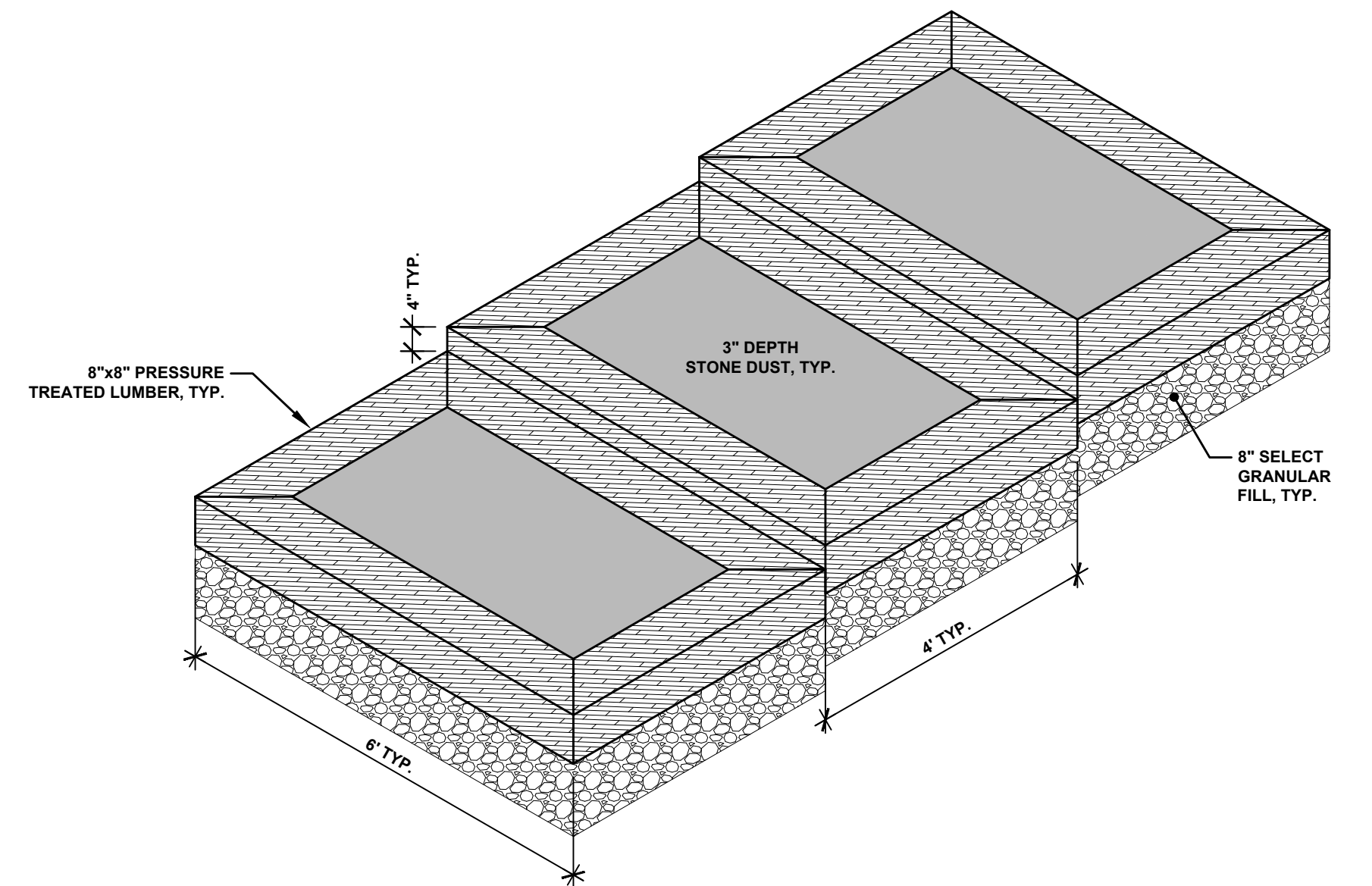
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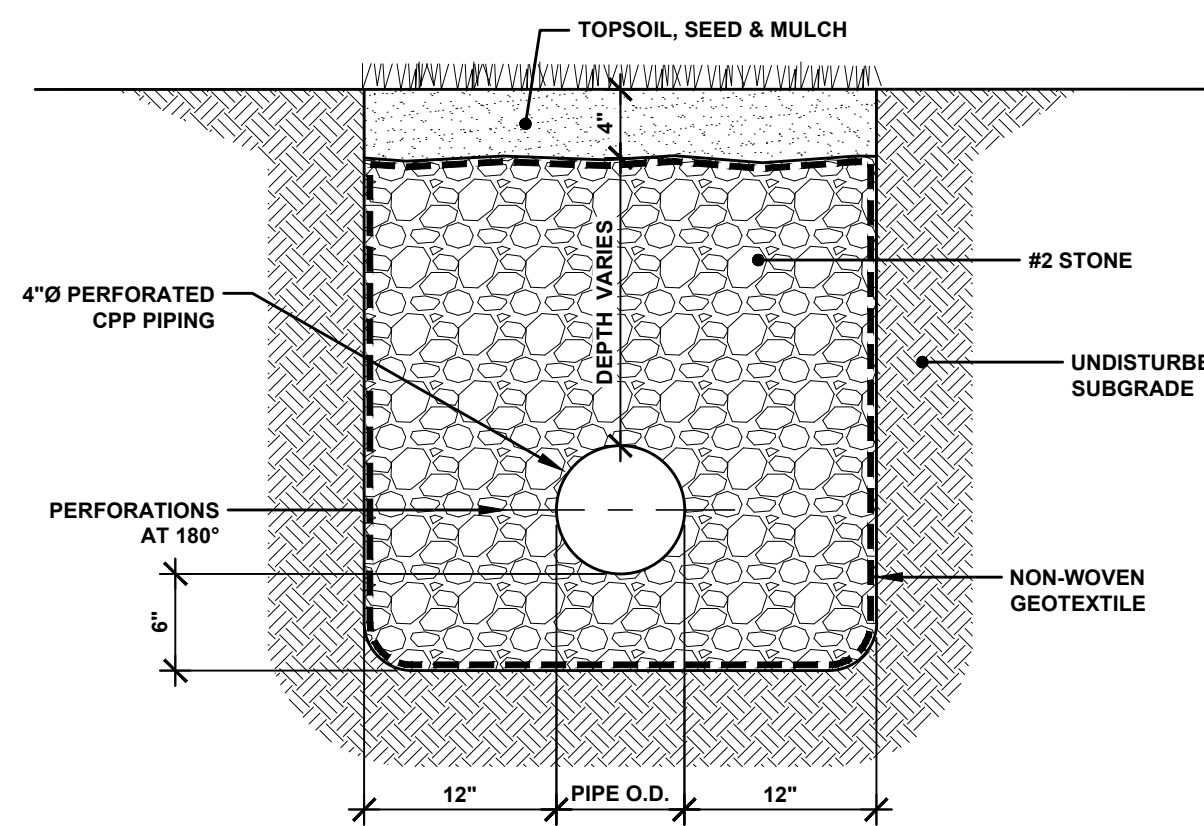
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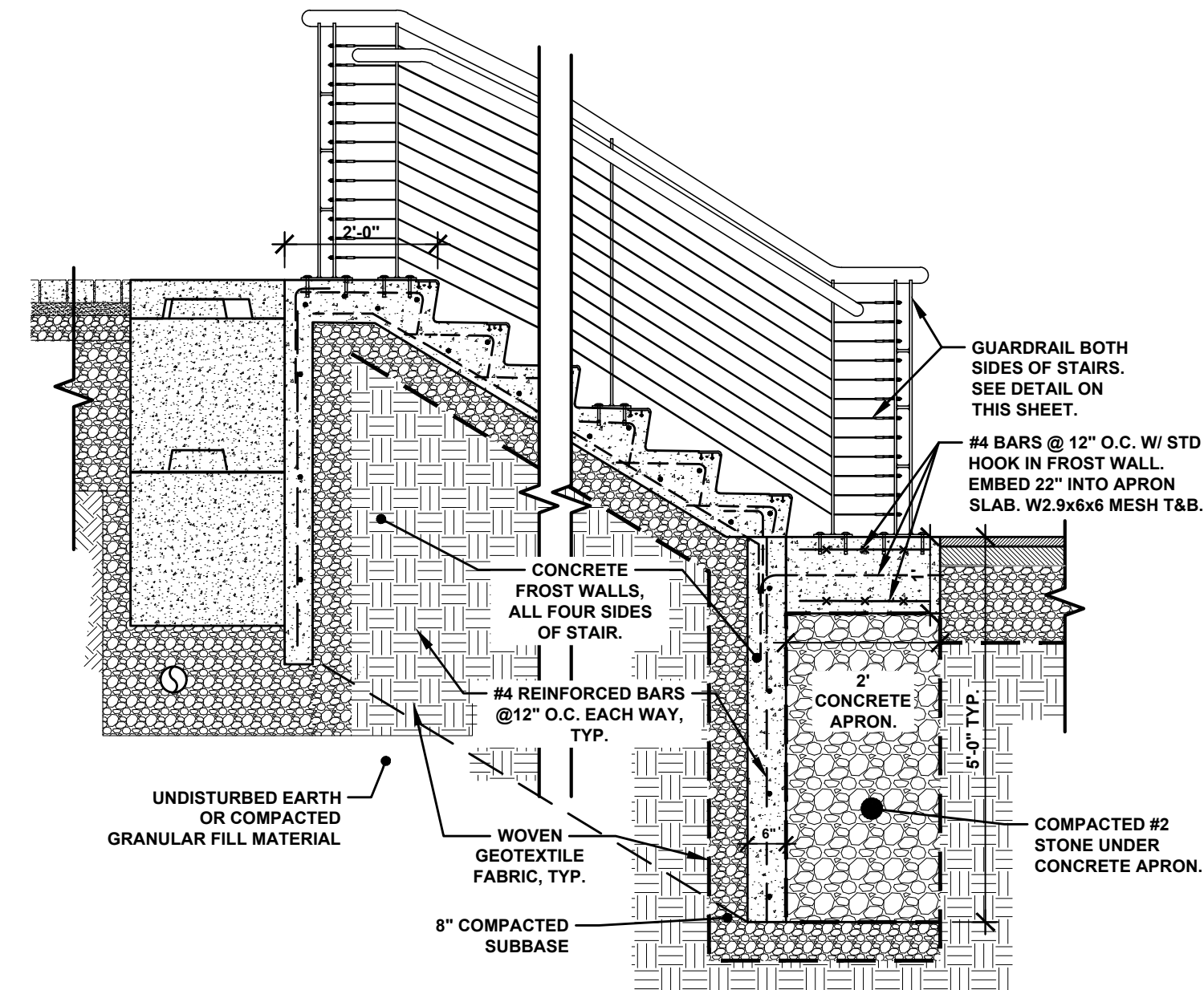
VERTI-BLOCK RETAINING WALL DETAIL
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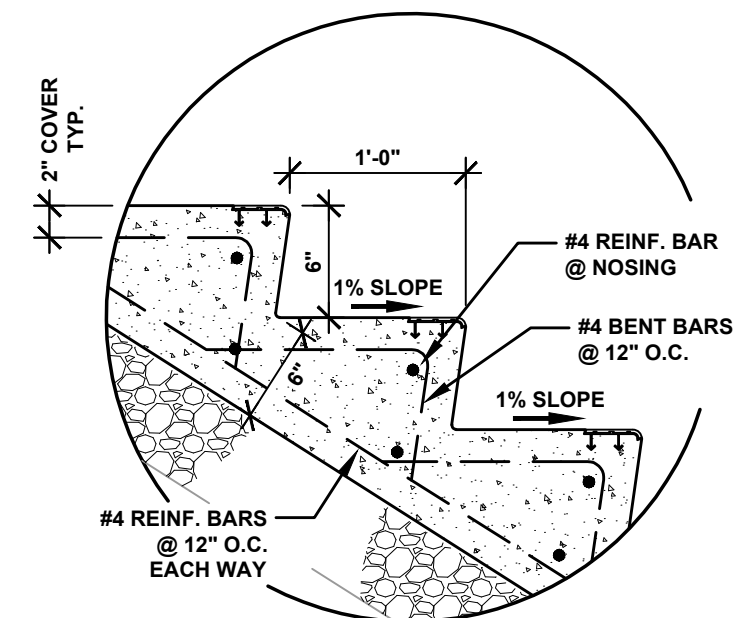
PRESSURE TREATED STAIR / STONE DUST PATH DETAIL
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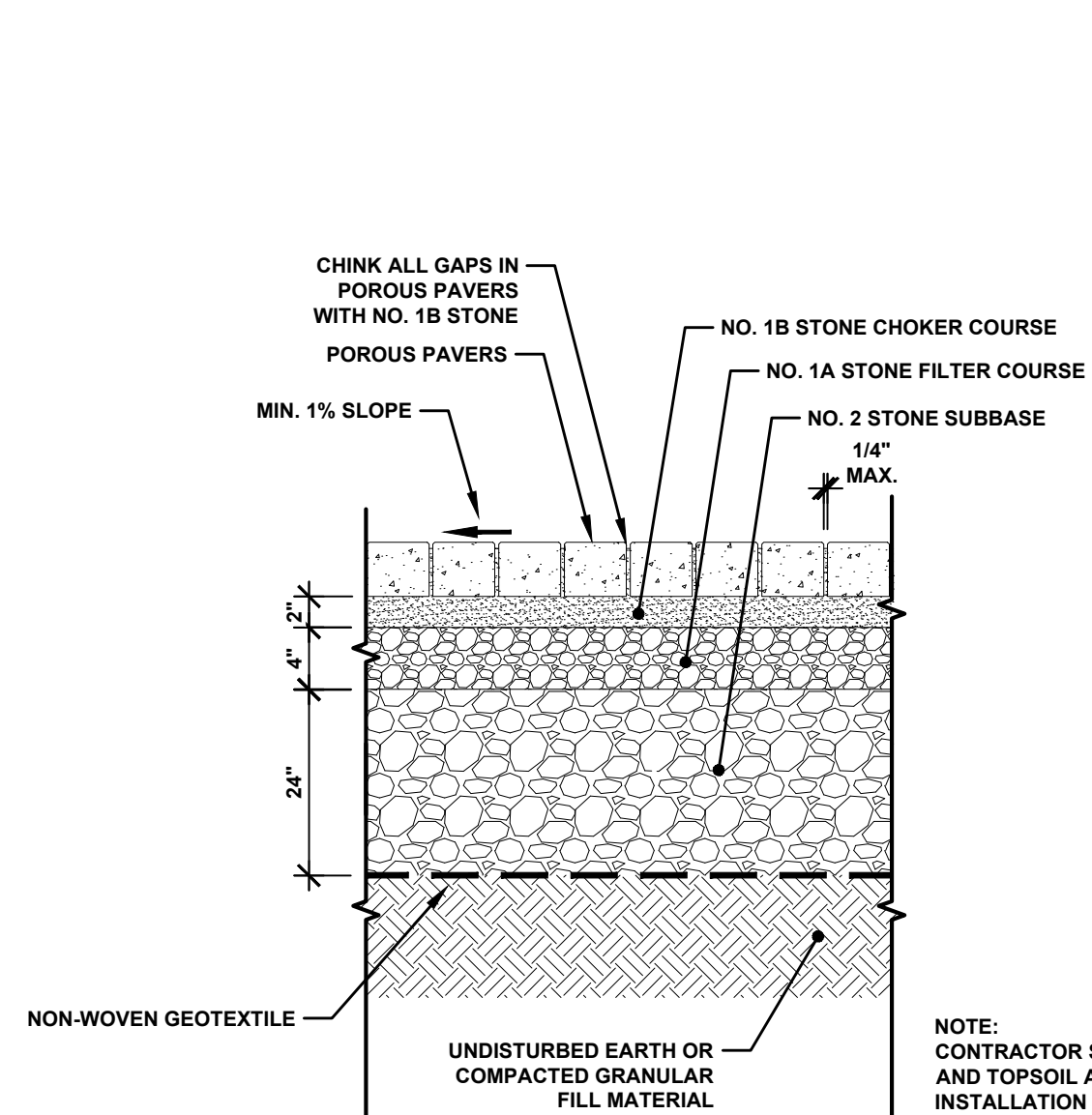
FRENCH DRAIN DETAIL
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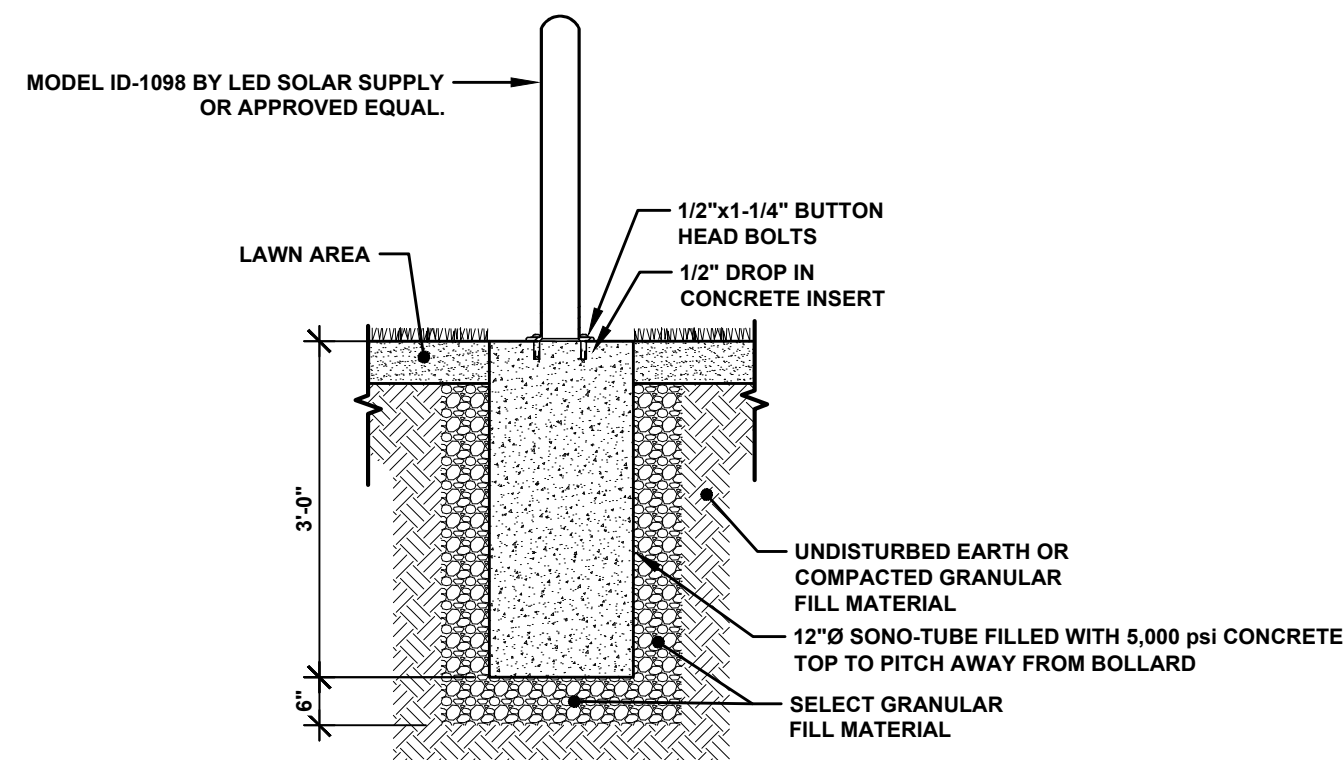
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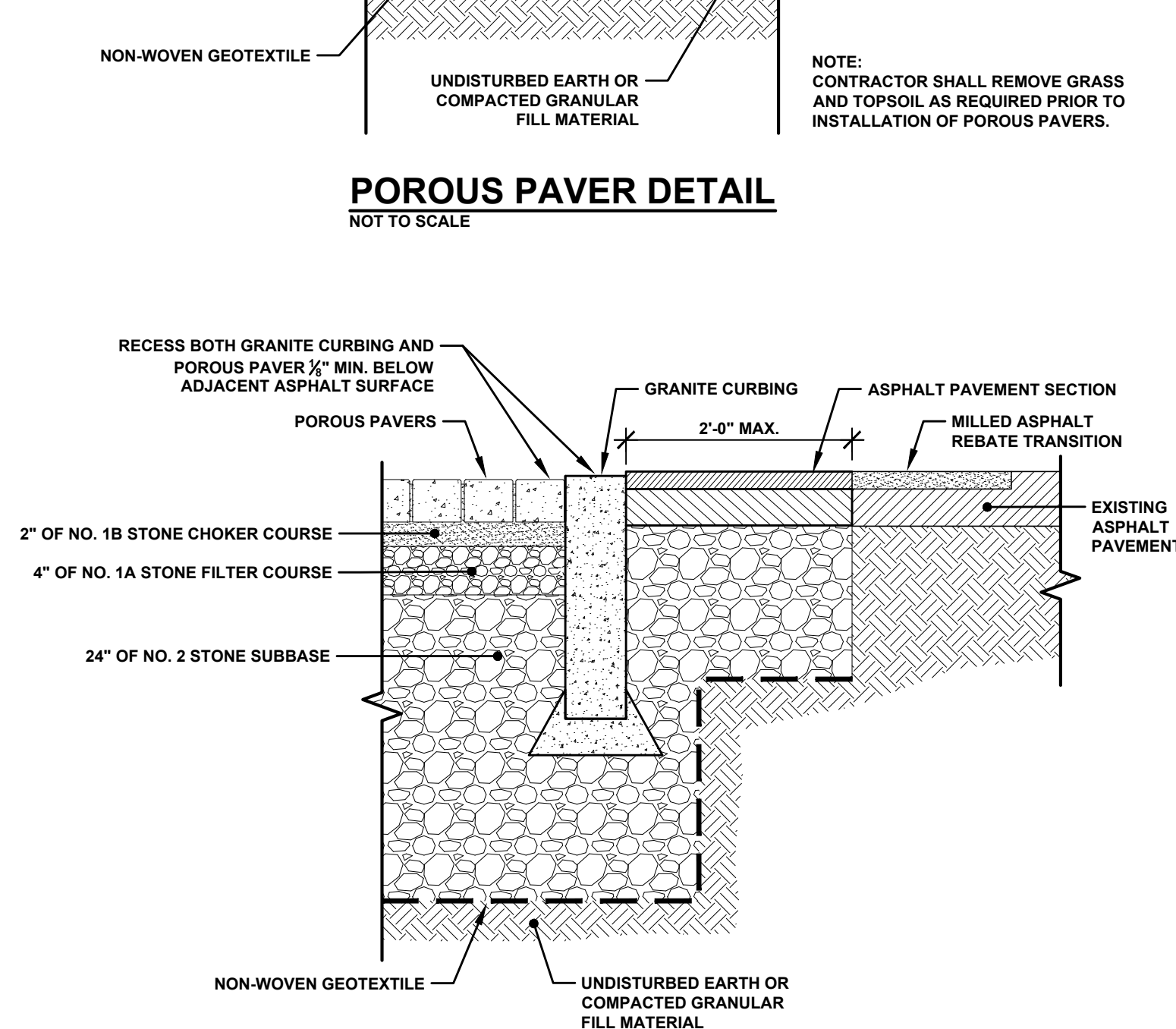
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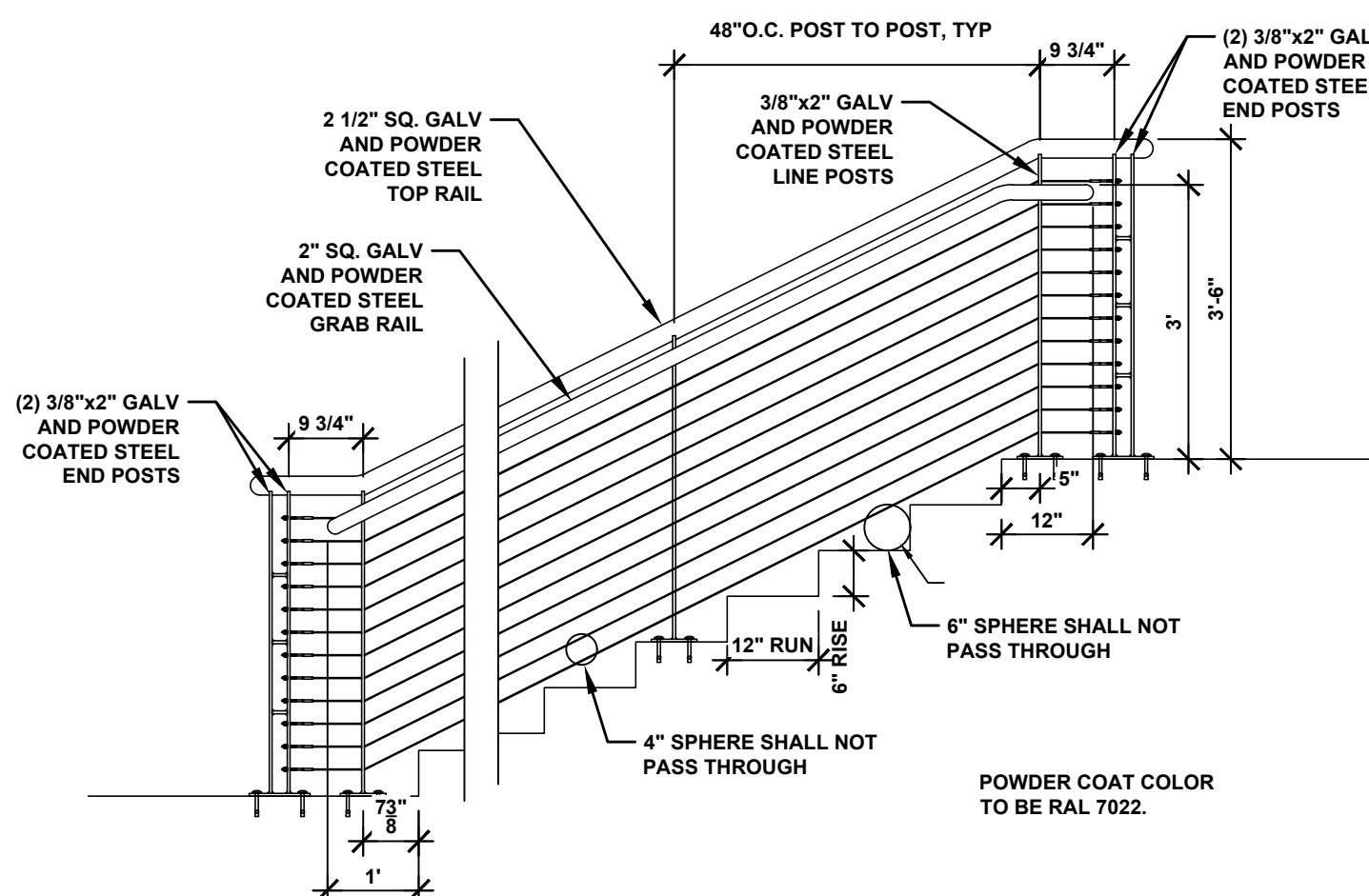
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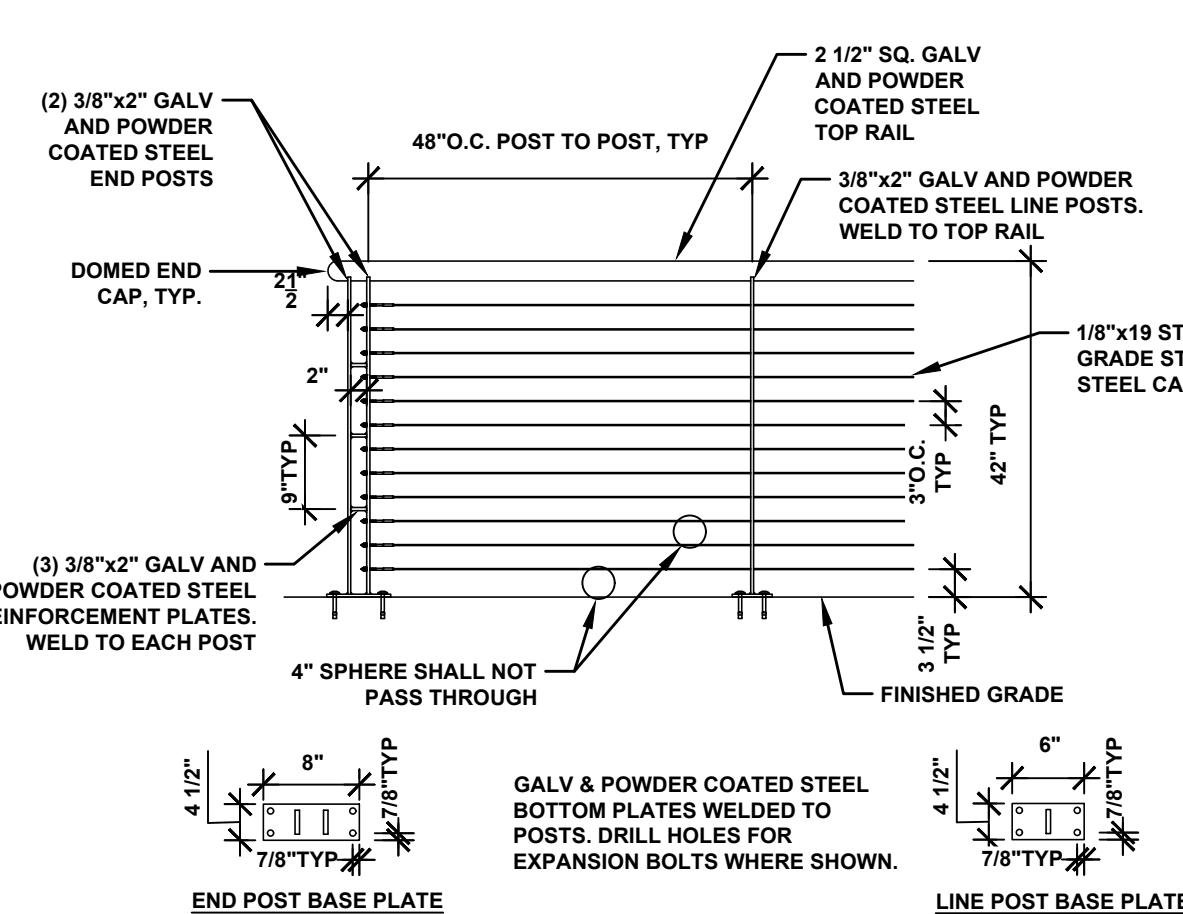
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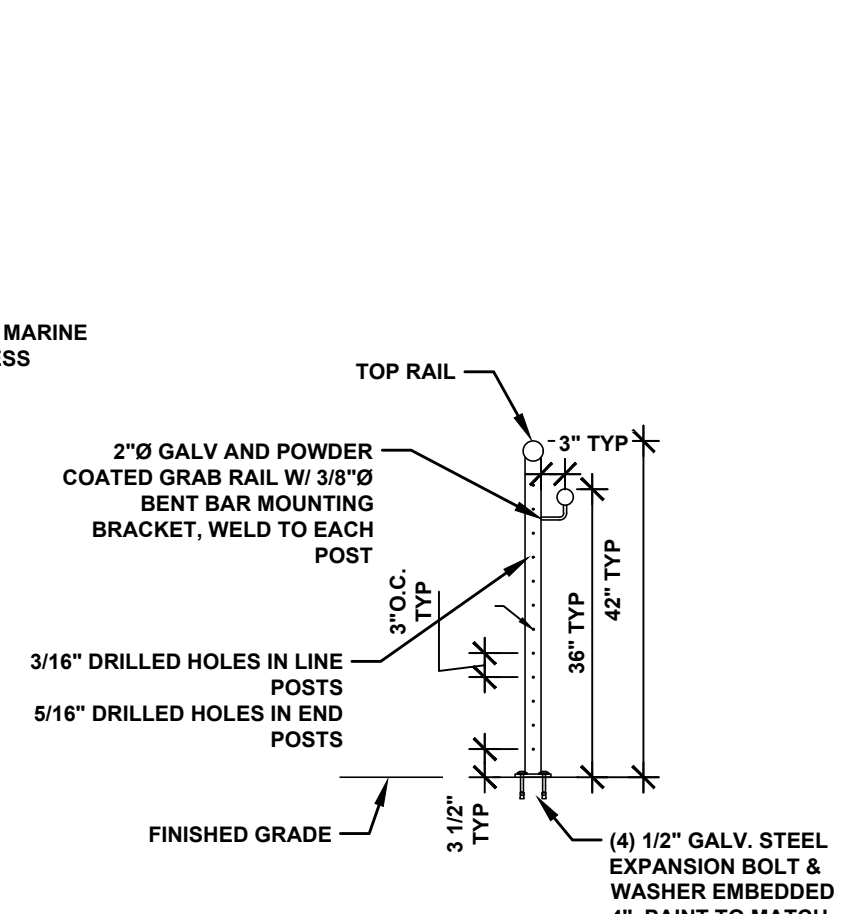
POROUS PAVER STREET TRANSITION DETAIL
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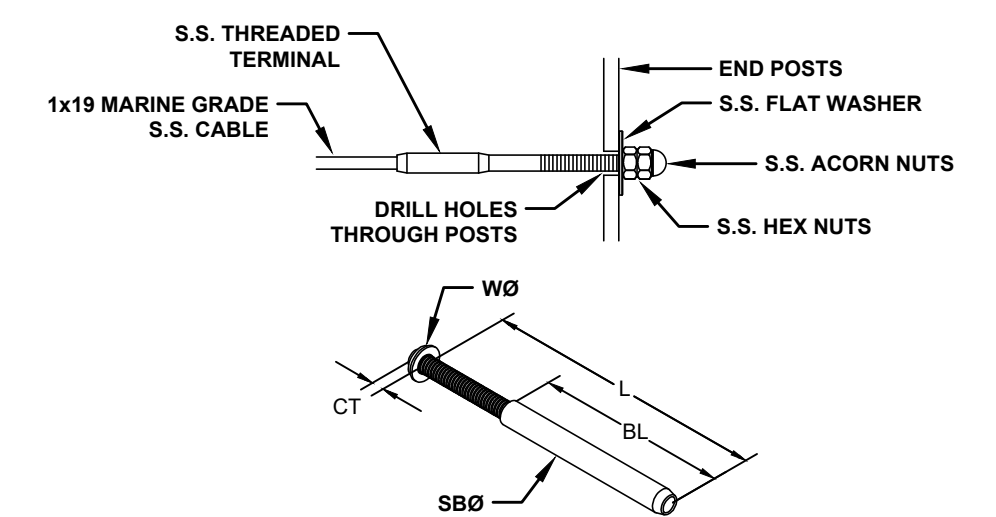
GUARDRAIL ELEVATION
NOT TO SCALE



GUARDRAIL ELEVATION
NOT TO SCALE



GUARDRAIL POST DETAIL
NOT TO SCALE



ITEM: THREADED CABLE STUD
MATERIAL: TYPE 316 STAINLESS STEEL

CABLE SIZE	THREAD DIA. (WØ)	WASHER THICKNESS (CT)	HEAD & WASHER THICKNESS (CT)	BODY LENGTH (BL)	LENGTH (L)	ATTACHMENT POST DRILL HOLE
1/8"	10-24 RH	7/16"	1/8"	2-1/2"	(3-3/4")	5/16"

CABLE TERMINATION DETAIL
NOT TO SCALE

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

CHECKED BY: CGR

DRAWN BY: JBE

DATE: 03/01/2023

LAST REVISION:

SCALE: AS NOTED

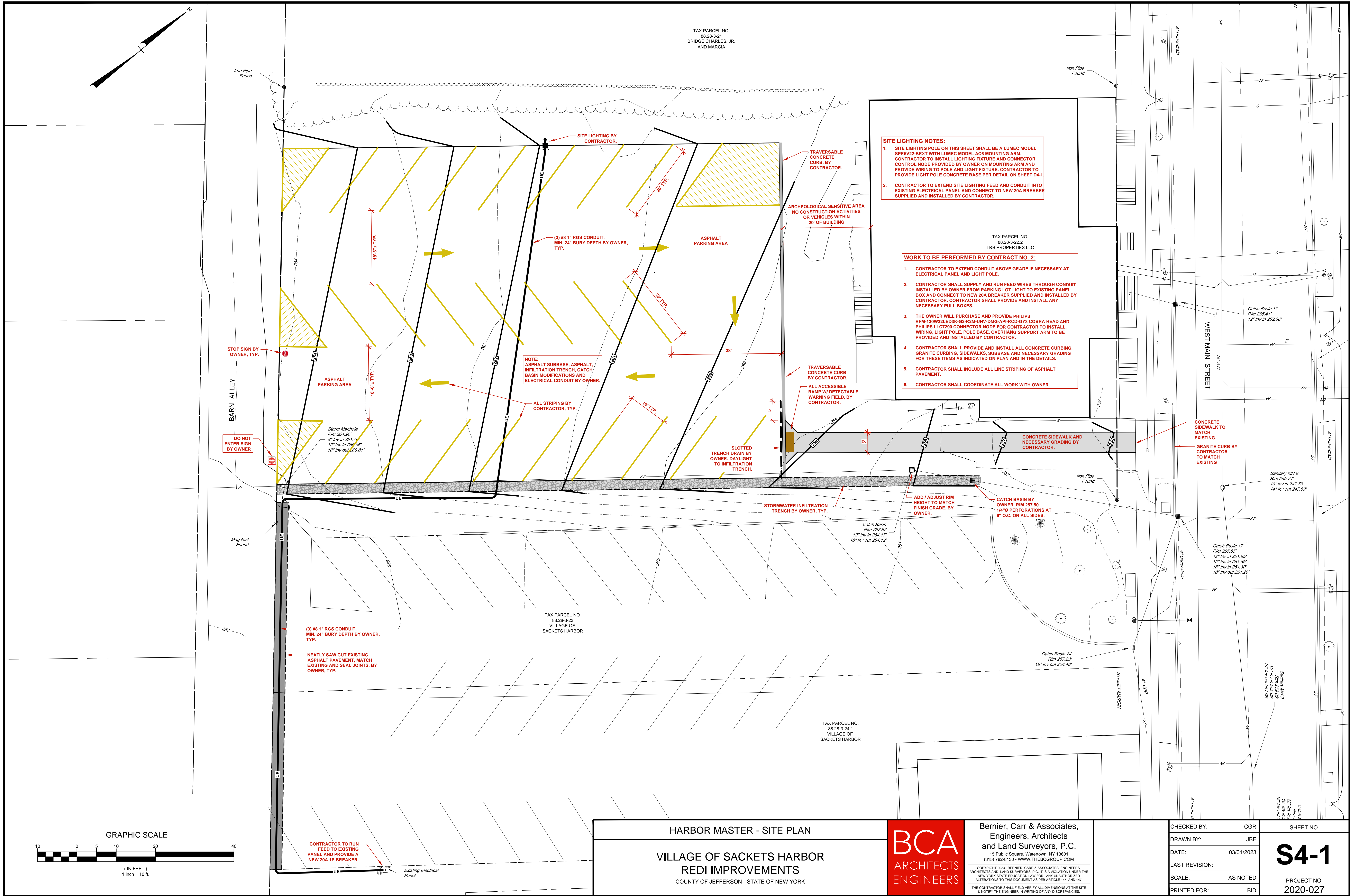
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SHEET NO.

D3-2

PROJECT NO.

2020-027

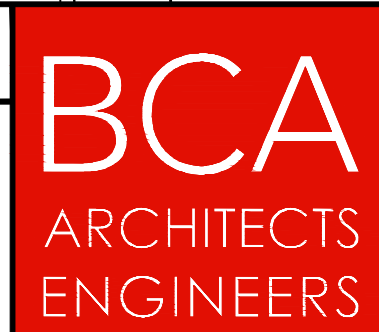


HARBOR MASTER - SITE PLAN

VILLAGE OF SACKETS HARBOR

REDI IMPROVEMENTS

COUNTY OF JEFFERSON - STATE OF NEW YORK



Bernier, Carr & Associates,
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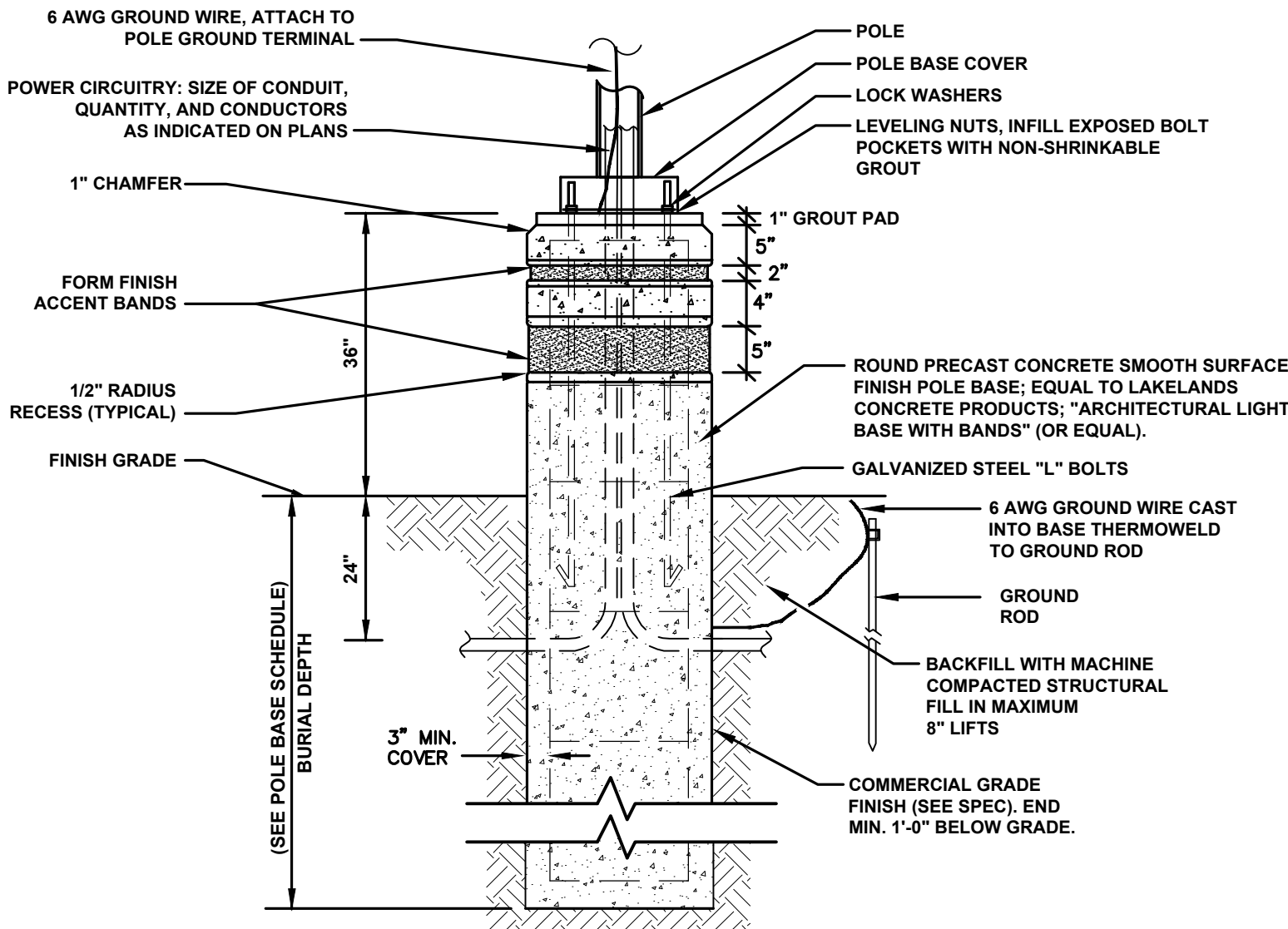
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CHECKED BY:	CGR	SHEET NO.
DRAWN BY:	JBE	
DATE:	03/01/2023	
LAST REVISION:		
SCALE:	AS NOTED	
PRINTED FOR:	BID	
		PROJECT NO. 2020-027

S4-1

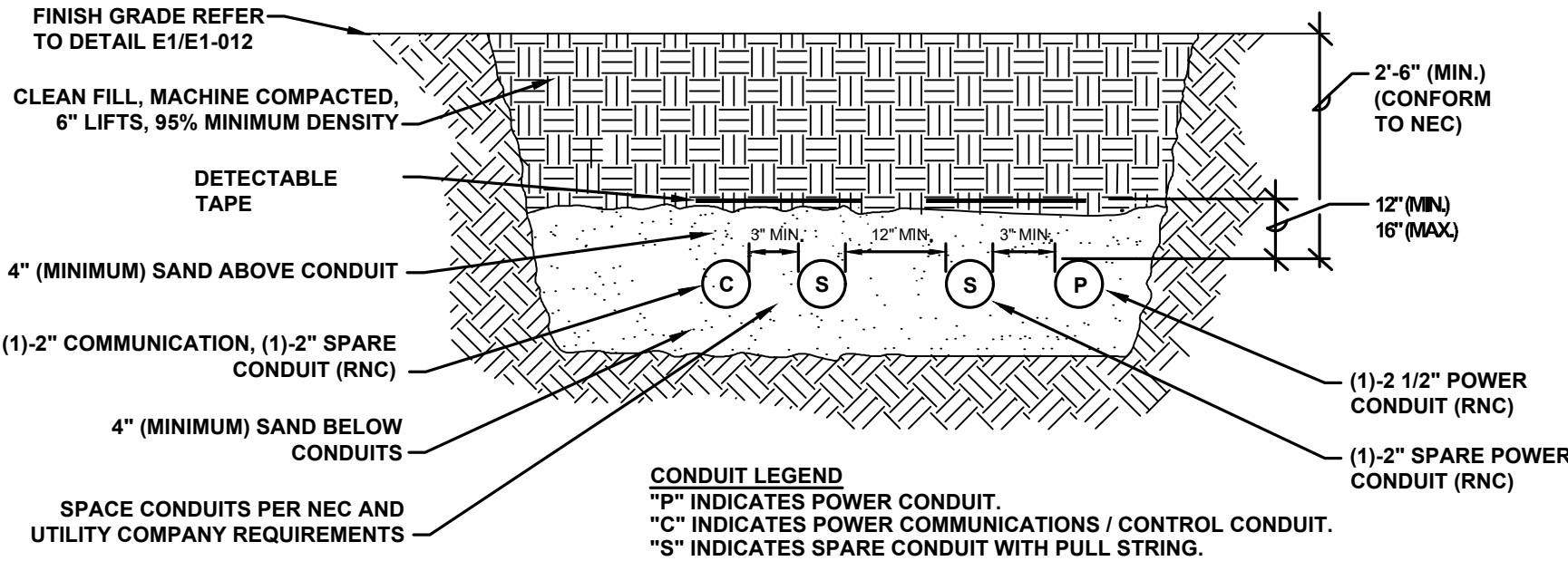
POLE BASE SCHEDULE		
POLE HEIGHT +3' AFF (FT)	BURIAL DEPTH (FT)	VERTICAL REINF. 4-#5
UP TO 14	5	4-#5
15-20	6	4-#5
21-24	7	4-#5
25-28	8	4-#5
29-34	9	4-#6
35-40	10	4-#6
41-45	11	4-#6
46-50	12	4-#6

- 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.

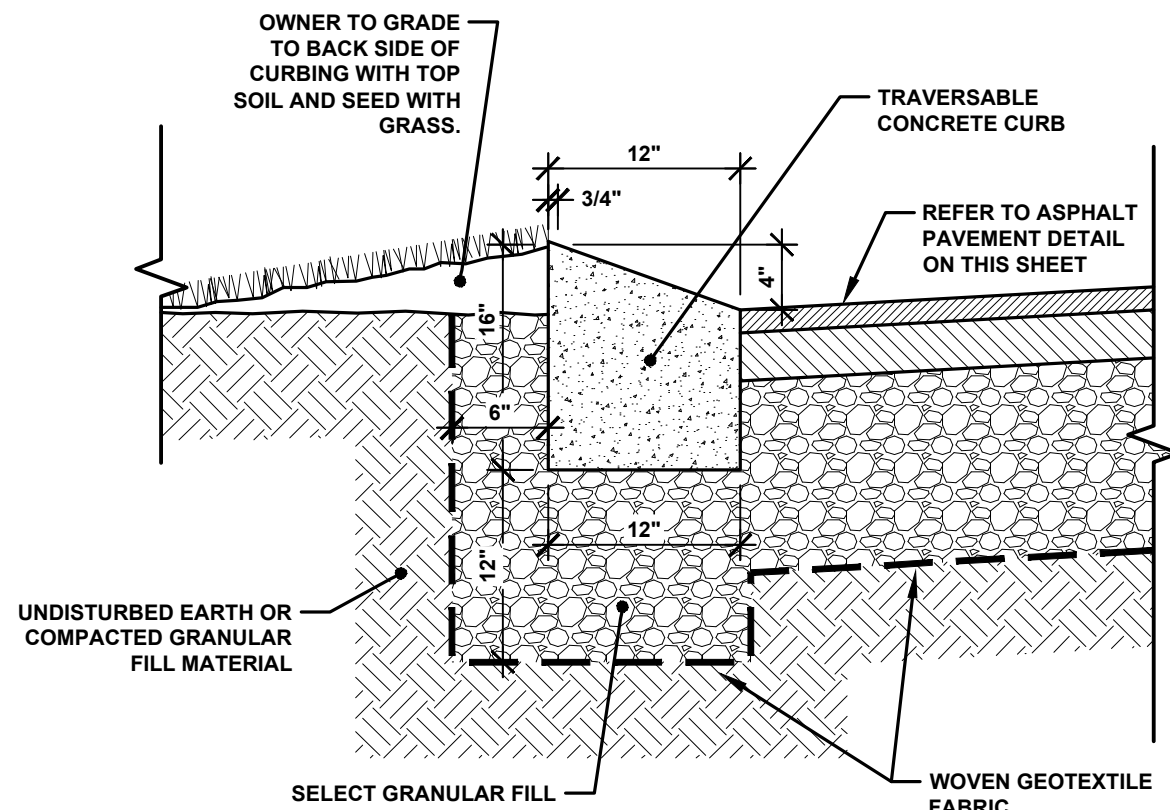


TYPICAL POLE BASE DETAIL
NOT TO SCALE

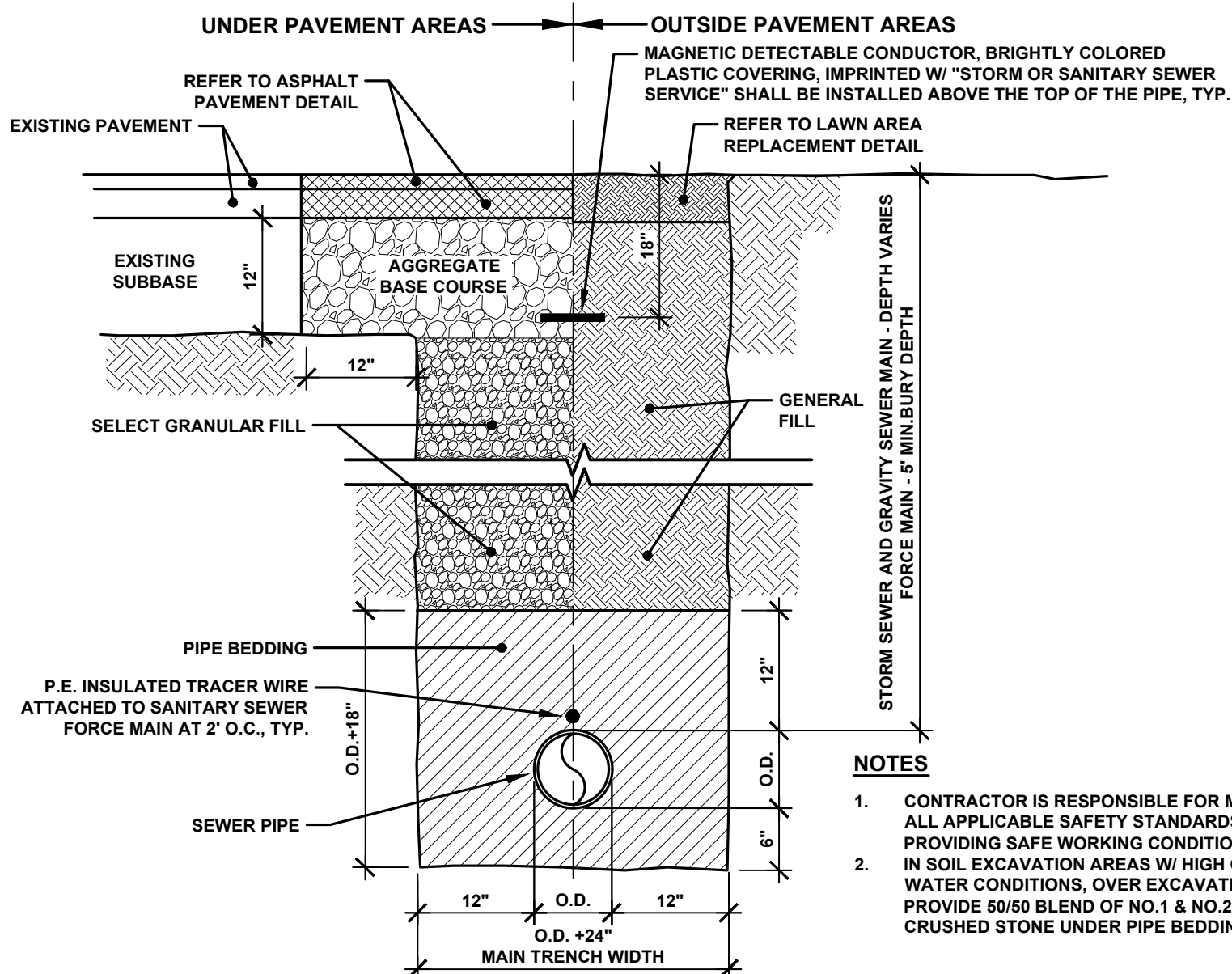
NOTE:
TRENCHING, SAND BEDDING (TOP AND BOTTOM), AND BACKFILL ARE THE RESPONSIBILITY OF THE SITE CONTRACTOR (SC). ELECTRICAL CONTRACTOR COORDINATE PLACEMENT OF CONDUITS.



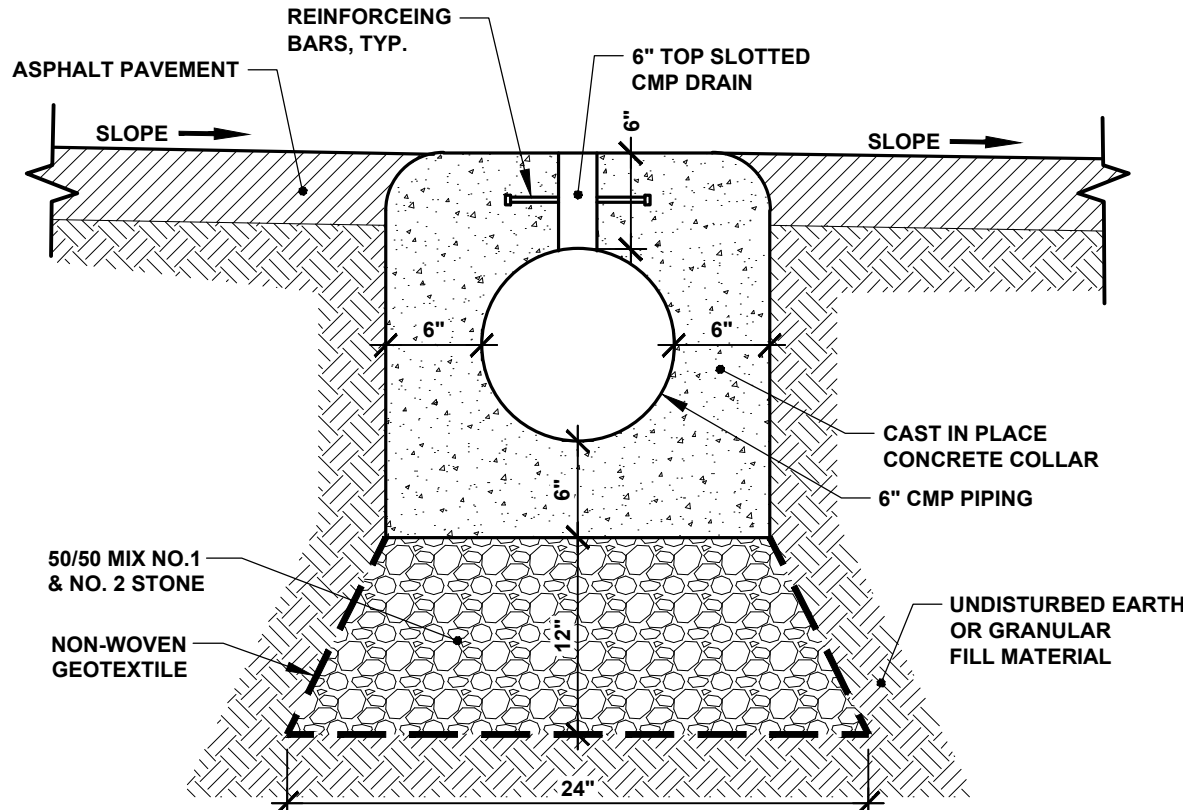
MULTI-SERVICE TRENCH DETAIL
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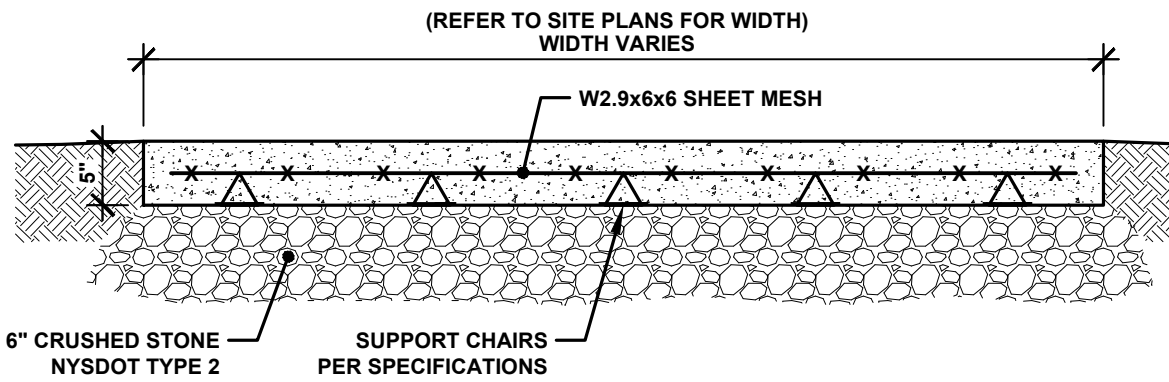
TYPE T100 TRAVERSABLE CONCRETE CURB DETAIL
NOT TO SCALE



STORM SEWER PIPE BEDDING DETAIL
NOT TO SCALE

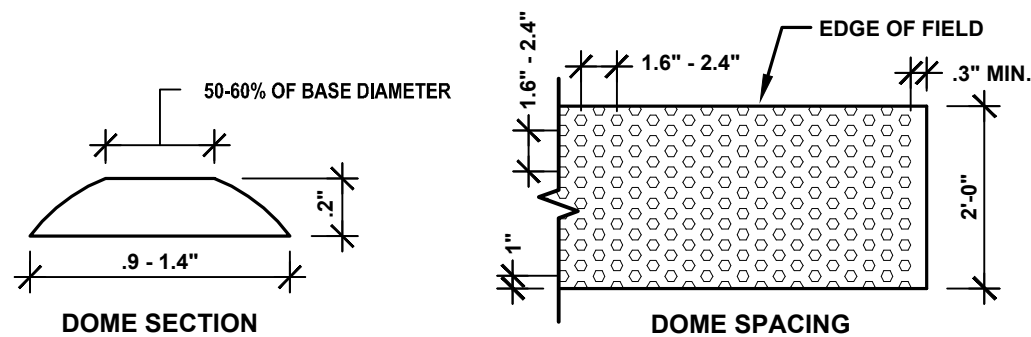


SLOTTED TRENCH DRAIN DETAIL
NOT TO SCALE

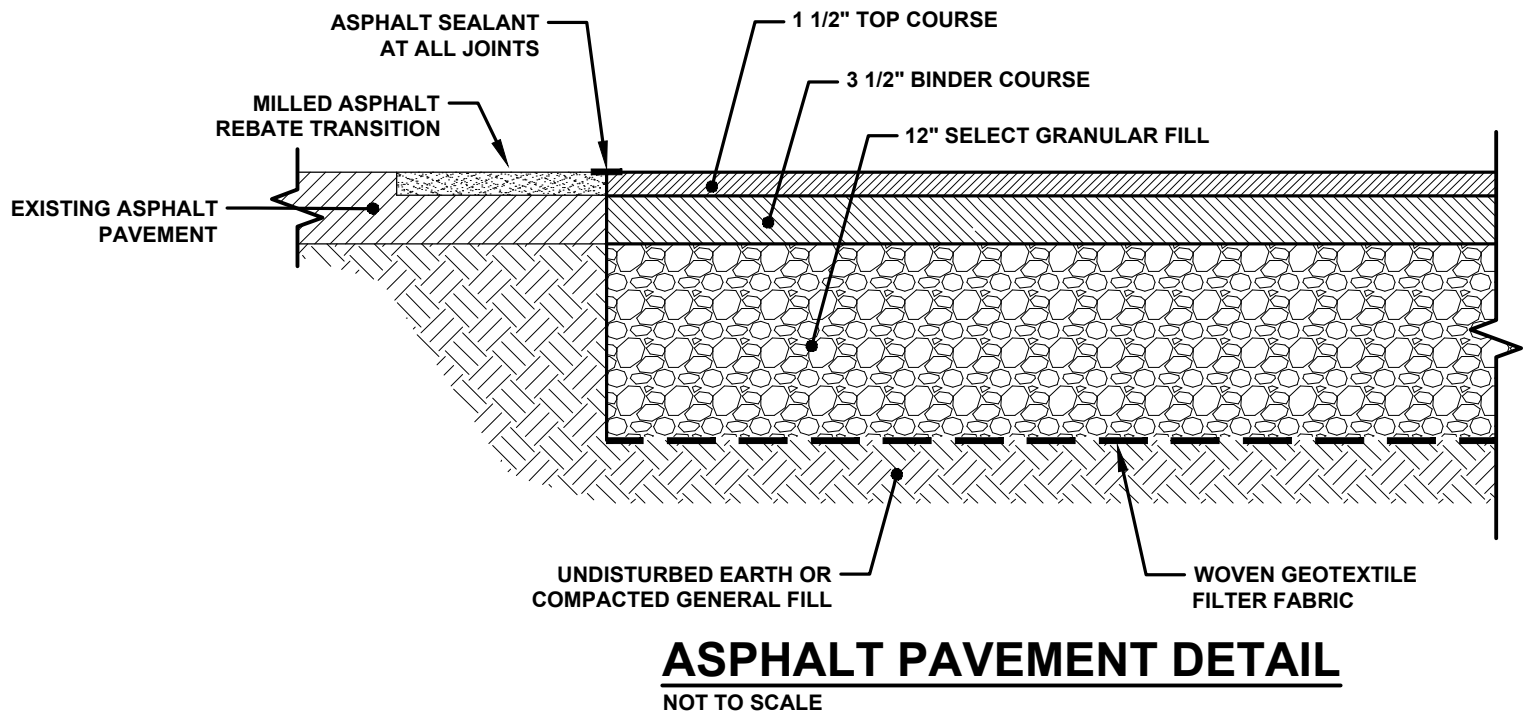


NOTE:
1. ALL SIDEWALK CONSTRUCTION WITHIN THE VILLAGE MARGIN SHALL BE IN CONFORMANCE WITH VILLAGE OF SACKETS HARBOR SIDEWALK CONSTRUCTION SPECIFICATIONS.
2. PROVIDE 1/2\"/>

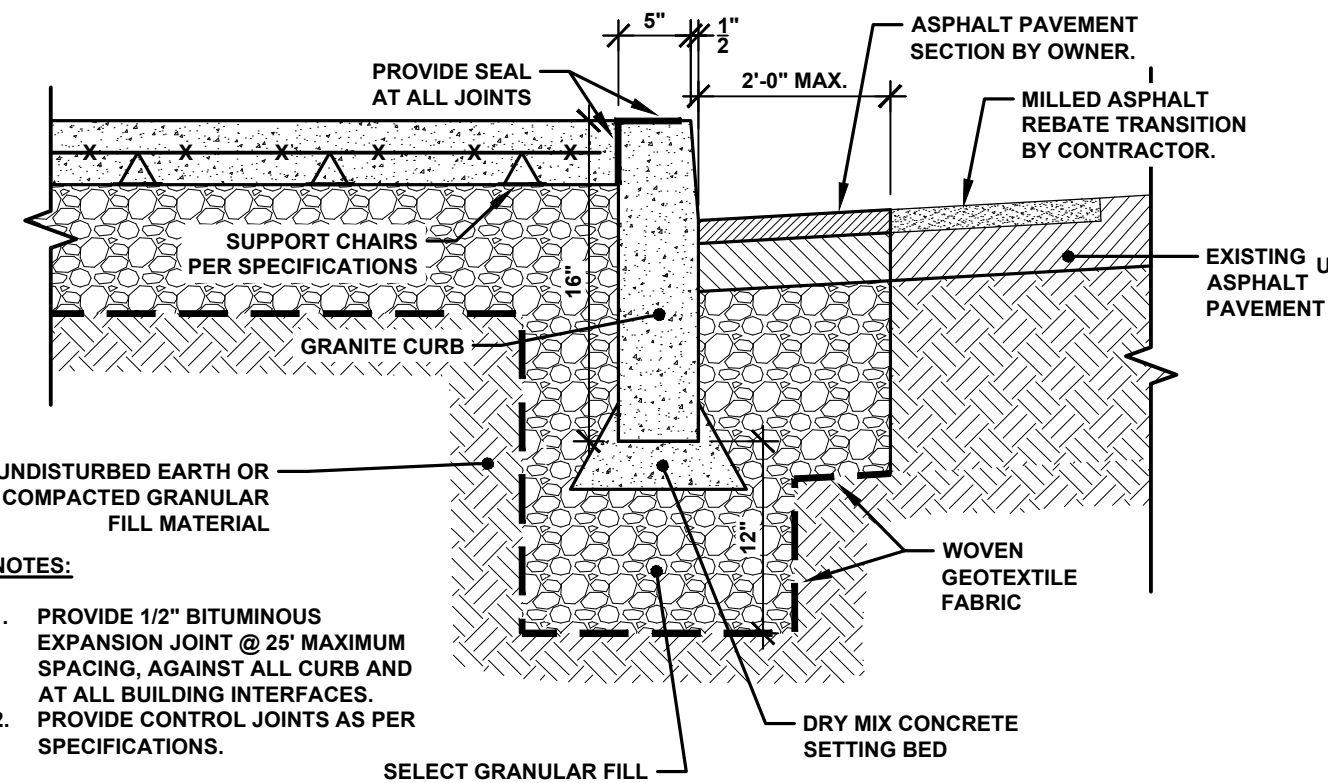
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



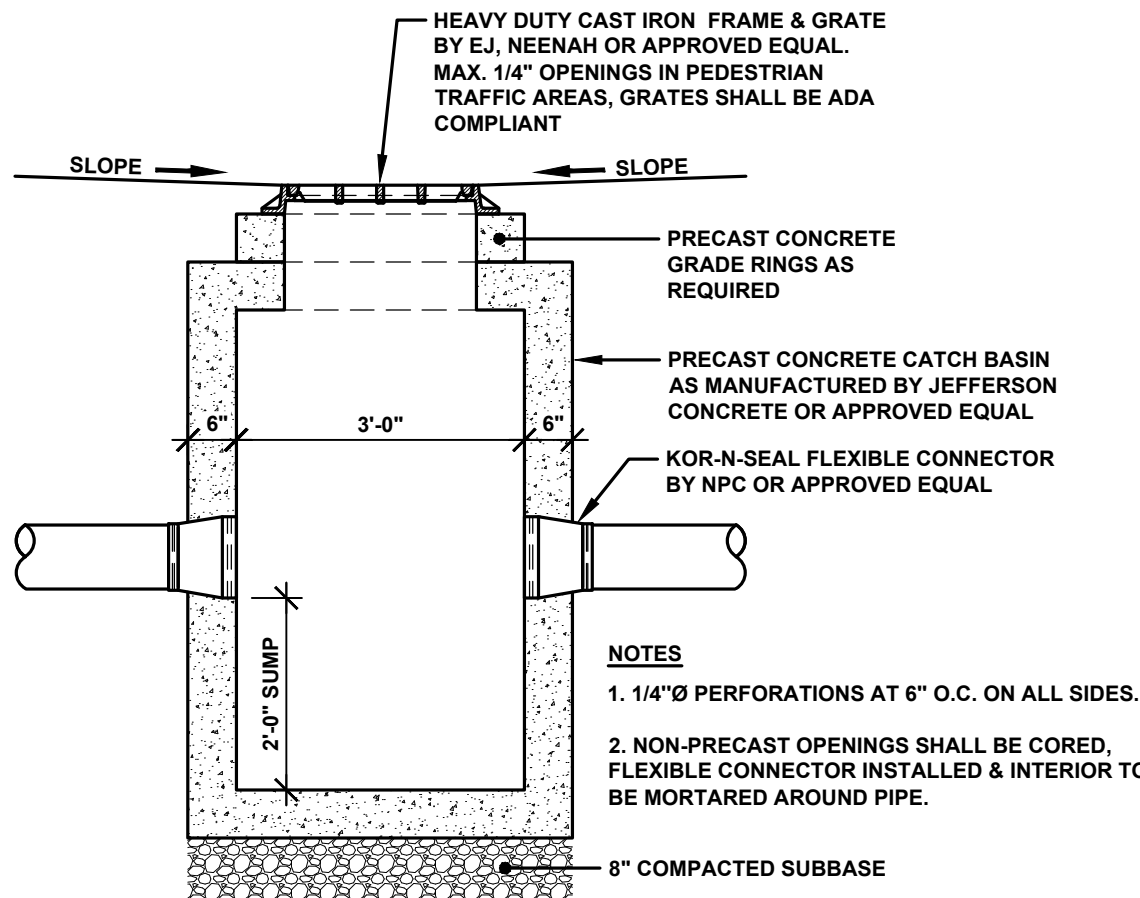
DETECTABLE WARNING FIELD DETAIL
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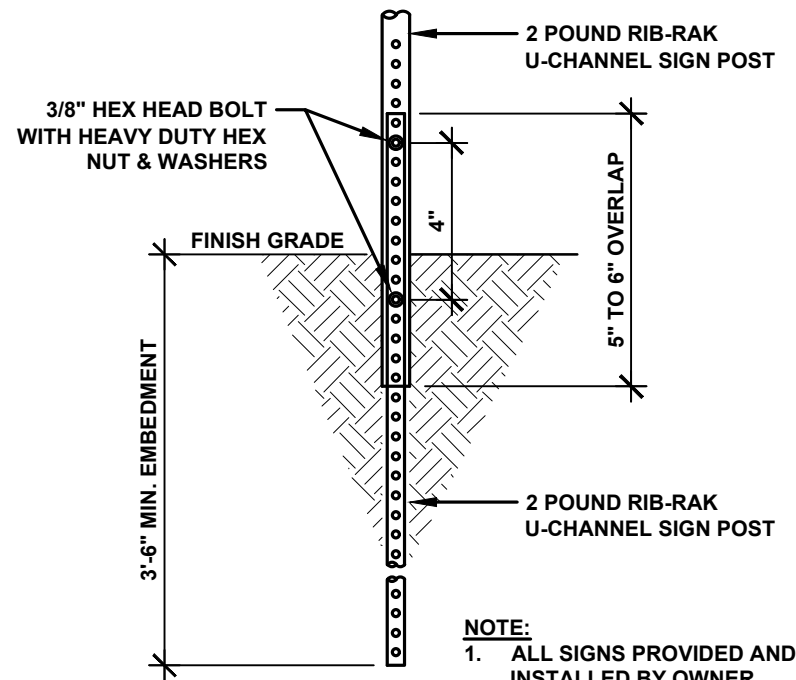
ASPHALT PAVEMENT DETAIL
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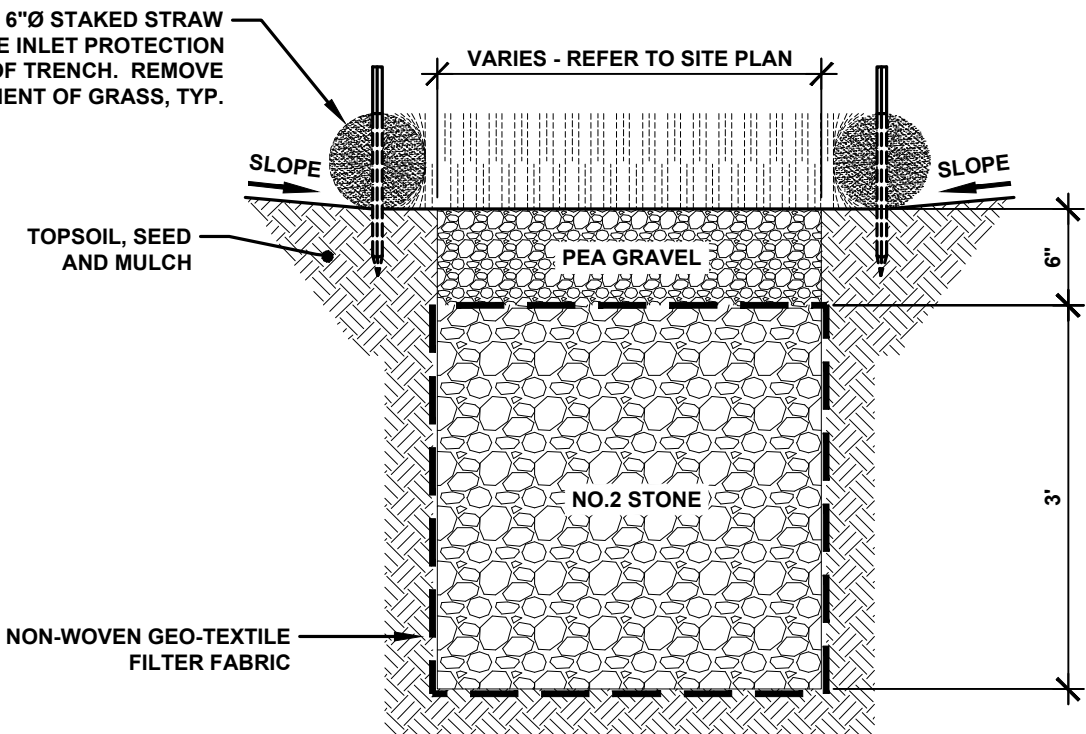
GRANITE CURB DETAIL
NOT TO SCALE



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

BCA
ARCHITECTS
ENGINEERS

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DRAWN BY: JBE

DATE: 03/01/2023

LAST REVISION:

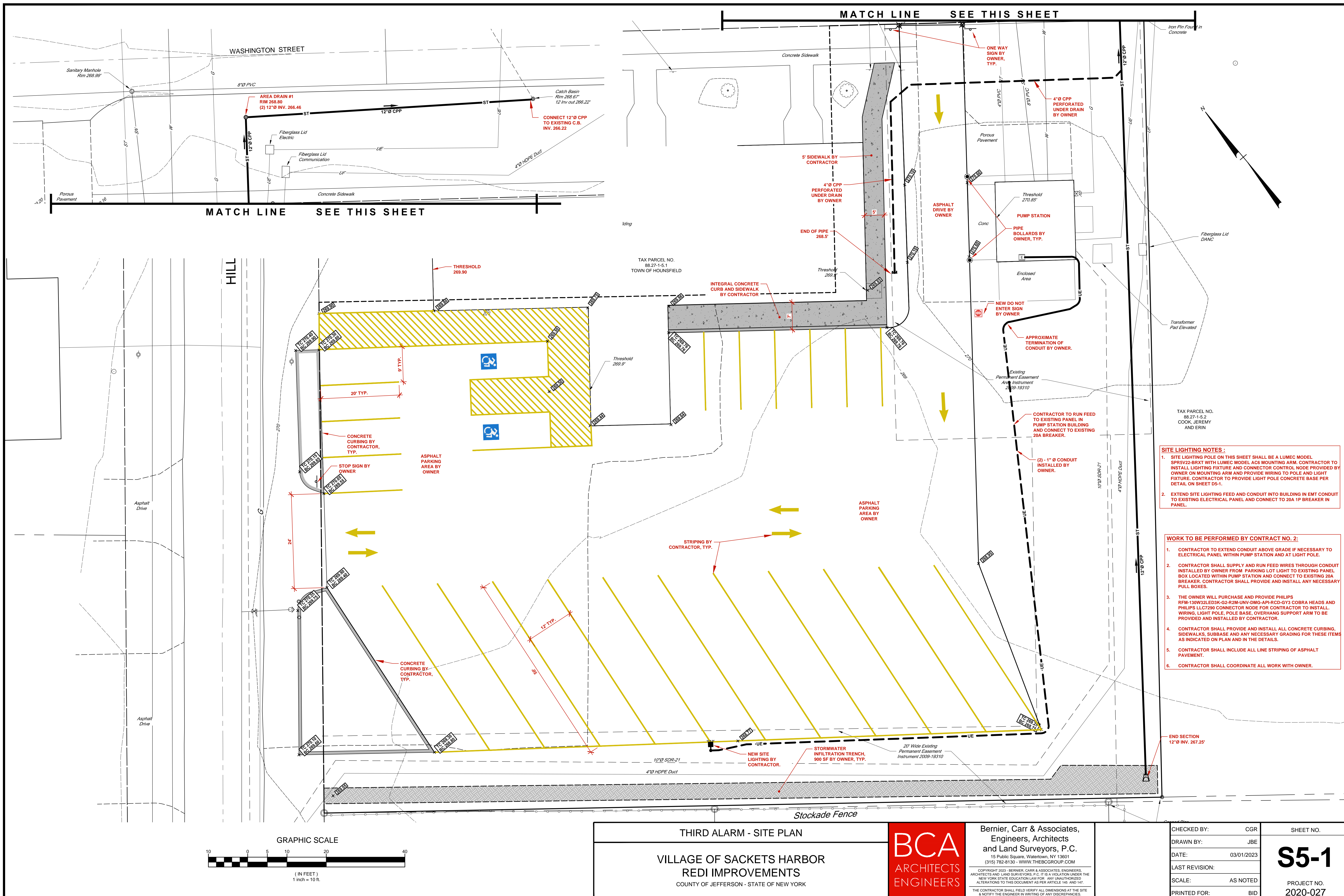
SCALE: AS NOTED

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SHEET NO.

D4-1

PROJECT NO.
2020-027

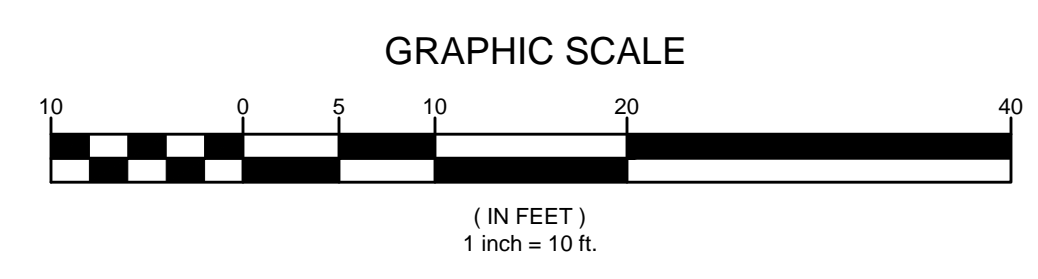


SITE LIGHTING NOTES :

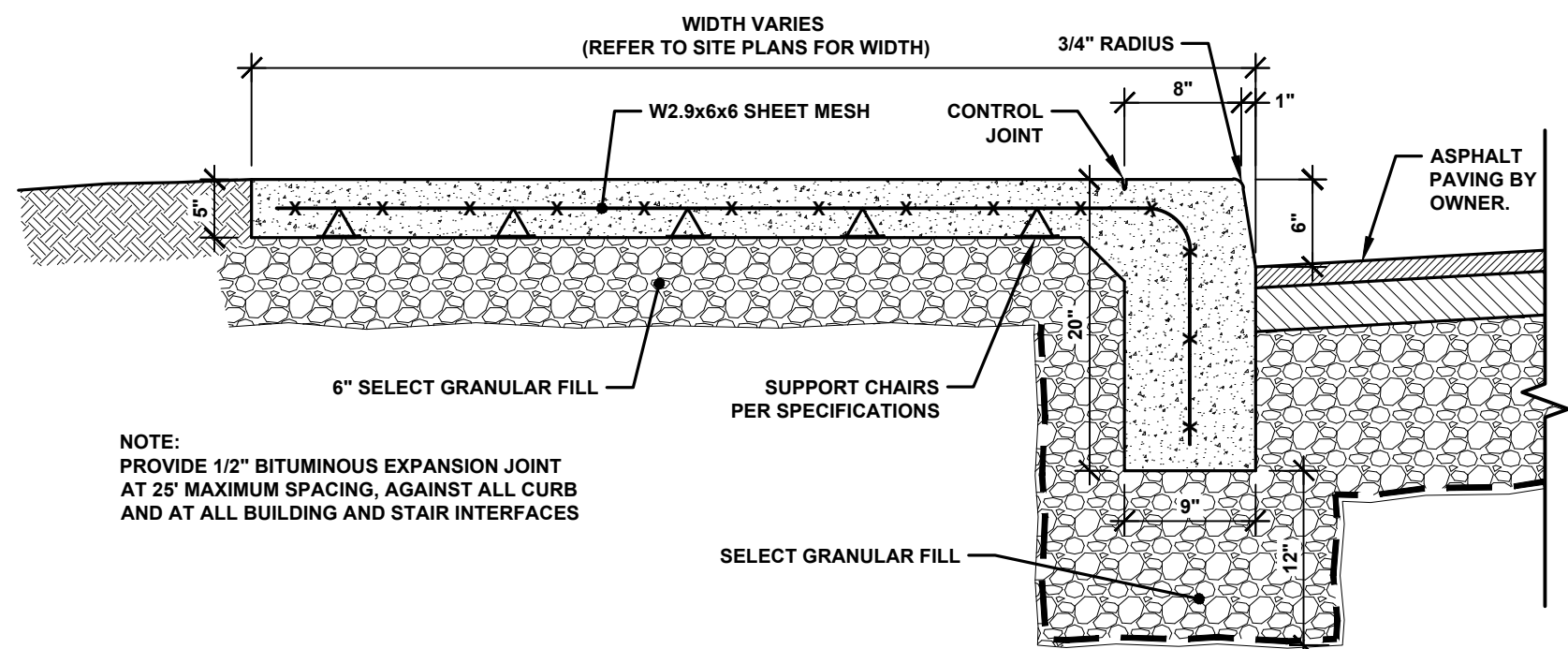
1. SITE LIGHTING POLE ON THIS SHEET SHALL BE A LUMEC MODEL SPRV52-BRXT WITH LUMEC MODEL ACS MOUNTING ARM. CONTRACTOR TO INSTALL LIGHTING FIXTURE AND CONNECTOR CONTROL NODE PROVIDED BY OWNER ON MOUNTING ARM AND PROVIDE WIRING TO POLE AND LIGHT FIXTURE. CONTRACTOR TO PROVIDE LIGHT POLE CONCRETE BASE PER DETAIL ON SHEET D5-1.
2. EXTEND SITE LIGHTING FEED AND CONDUIT INTO BUILDING IN EMT CONDUIT TO EXISTING ELECTRICAL PANEL AND CONNECT TO 20A 1P BREAKER IN PANEL.

WORK TO BE PERFORMED BY CONTRACT NO. 2:

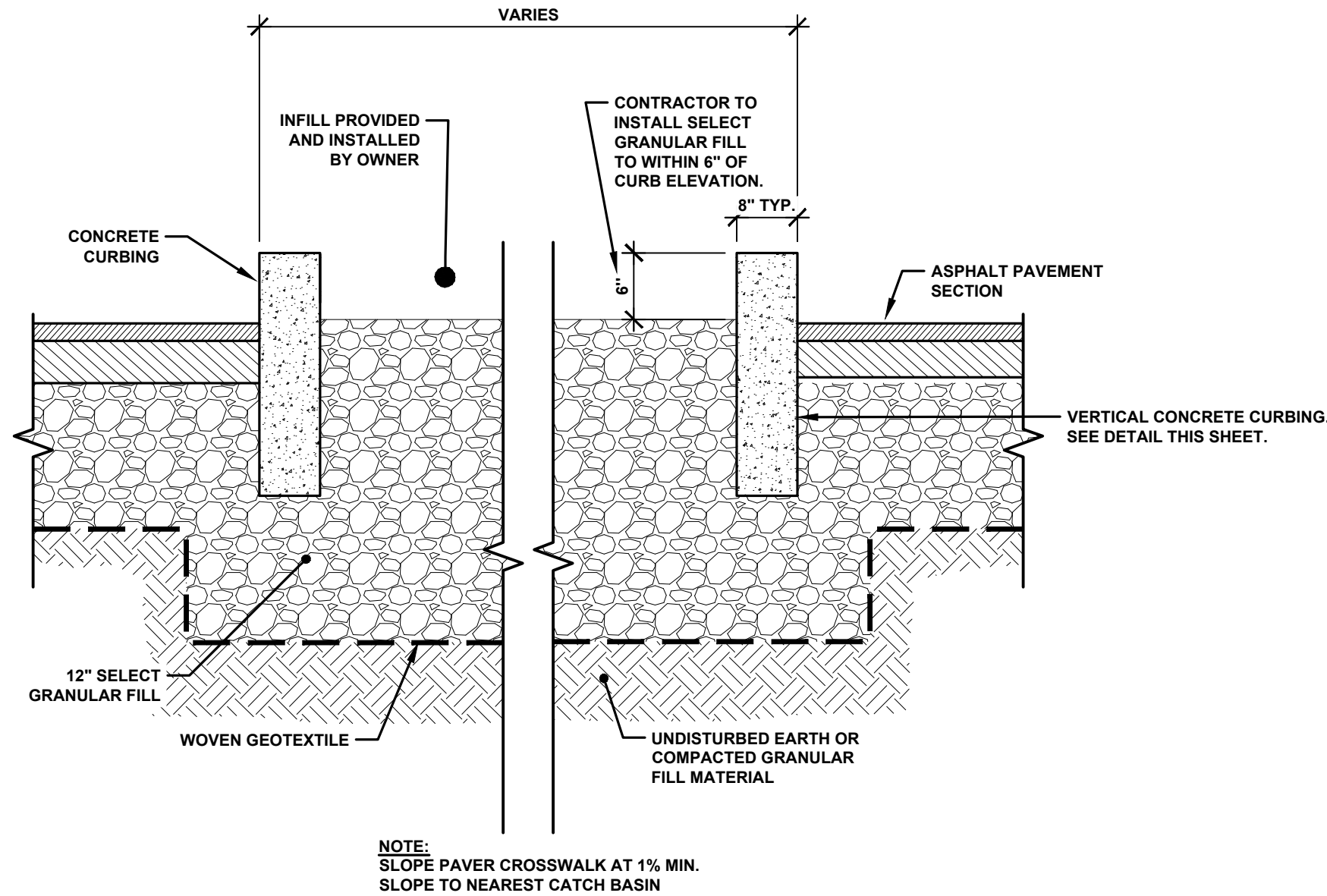
1. CONTRACTOR TO EXTEND CONDUIT ABOVE GRADE IF NECESSARY TO ELECTRICAL PANEL WITHIN PUMP STATION AND AT LIGHT POLE.
2. CONTRACTOR SHALL SUPPLY AND RUN FEED WIRES THROUGH CONDUIT INSTALLED BY OWNER FROM PARKING LOT LIGHT TO EXISTING PANEL BOX LOCATED WITHIN PUMP STATION AND CONNECT TO EXISTING 20A BREAKER. CONTRACTOR SHALL PROVIDE AND INSTALL ANY NECESSARY PULL BOXES.
3. THE OWNER WILL PURCHASE AND PROVIDE PHILIPS RFM-130W32LED3K-G2-R2M-UNV-DMG-API-RCD-GY3 COBRA HEADS AND PHILIPS LLC7290 CONNECTOR NODE FOR CONTRACTOR TO INSTALL. WIRING, LIGHT POLE, POLE BASE, OVERHANG SUPPORT ARM TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
4. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONCRETE CURBING, SIDEWALKS, SUBBASE AND ANY NECESSARY GRADING FOR THESE ITEMS AS INDICATED ON PLAN AND IN THE DETAILS.
5. CONTRACTOR SHALL INCLUDE ALL LINE STRIPING OF ASPHALT PAVEMENT.
6. CONTRACTOR SHALL COORDINATE ALL WORK WITH OWNER.



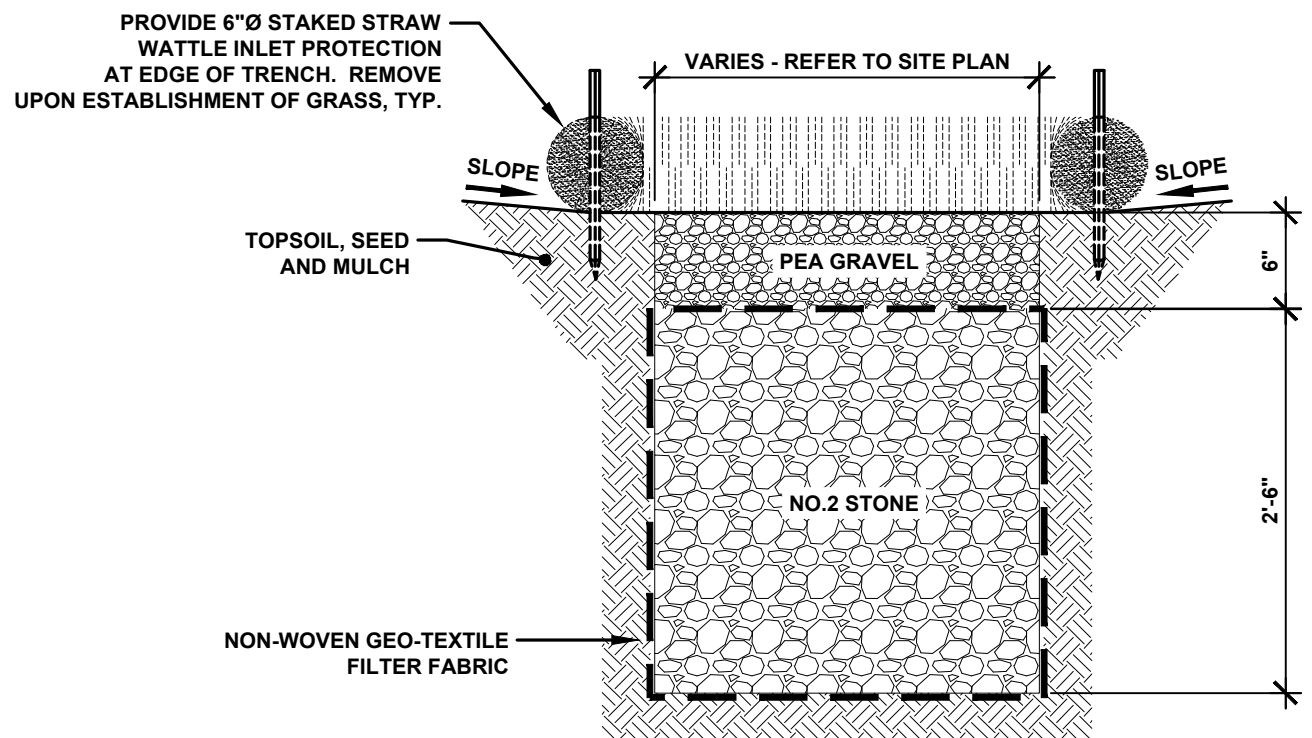
THIRD ALARM - SITE PLAN		BCA ARCHITECTS ENGINEERS	Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. 15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM <small>COPYRIGHT 2023 - BERNIER, CARR & ASSOCIATES, ENGINEERS, ARCHITECTS AND LAND SURVEYORS, P.C. IT 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>	CHECKED BY: CGR	SHEET NO.
VILLAGE OF SACKETS HARBOR REDI IMPROVEMENTS COUNTY OF JEFFERSON - STATE OF NEW YORK				DRAWN BY: JBE	S5-1
				DATE: 03/01/2023	
		LAST REVISION:	SCALE: AS NOTED		
		PRINTED FOR: BID			



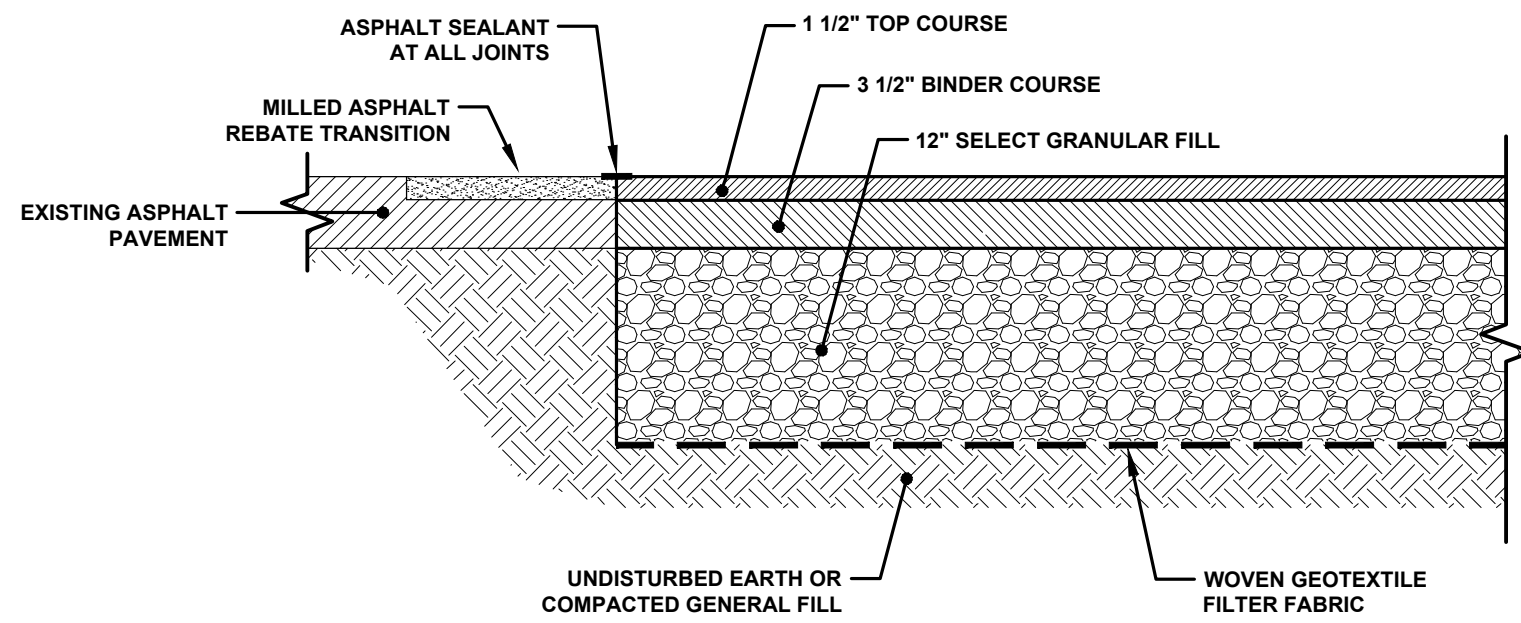
INTEGRAL CONCRETE CURB AND SIDEWALK DETAIL
NOT TO SCALE



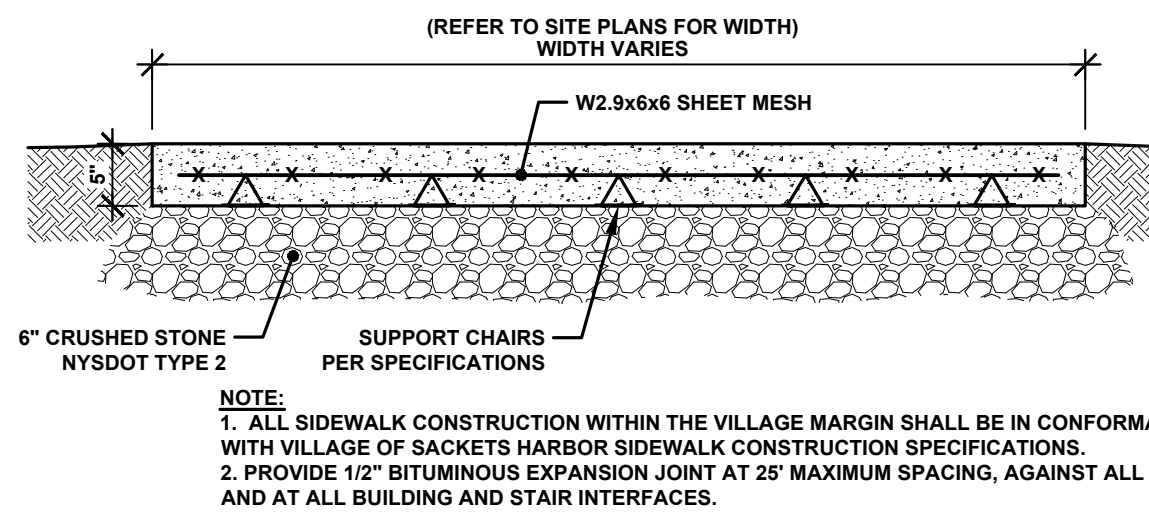
CONCRETE CURB ISLAND DETAIL
NOT TO SCALE



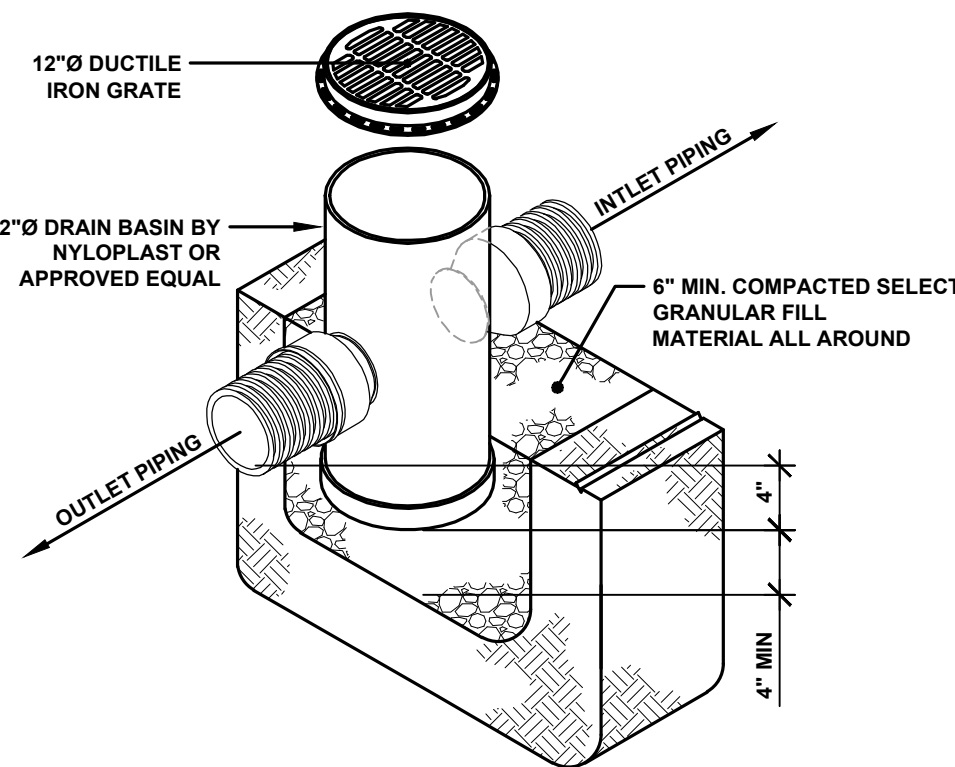
STORMWATER INFILTRATION TRENCH DETAIL
NOT TO SCALE



ASPHALT PAVEMENT DETAIL
NOT TO SCALE



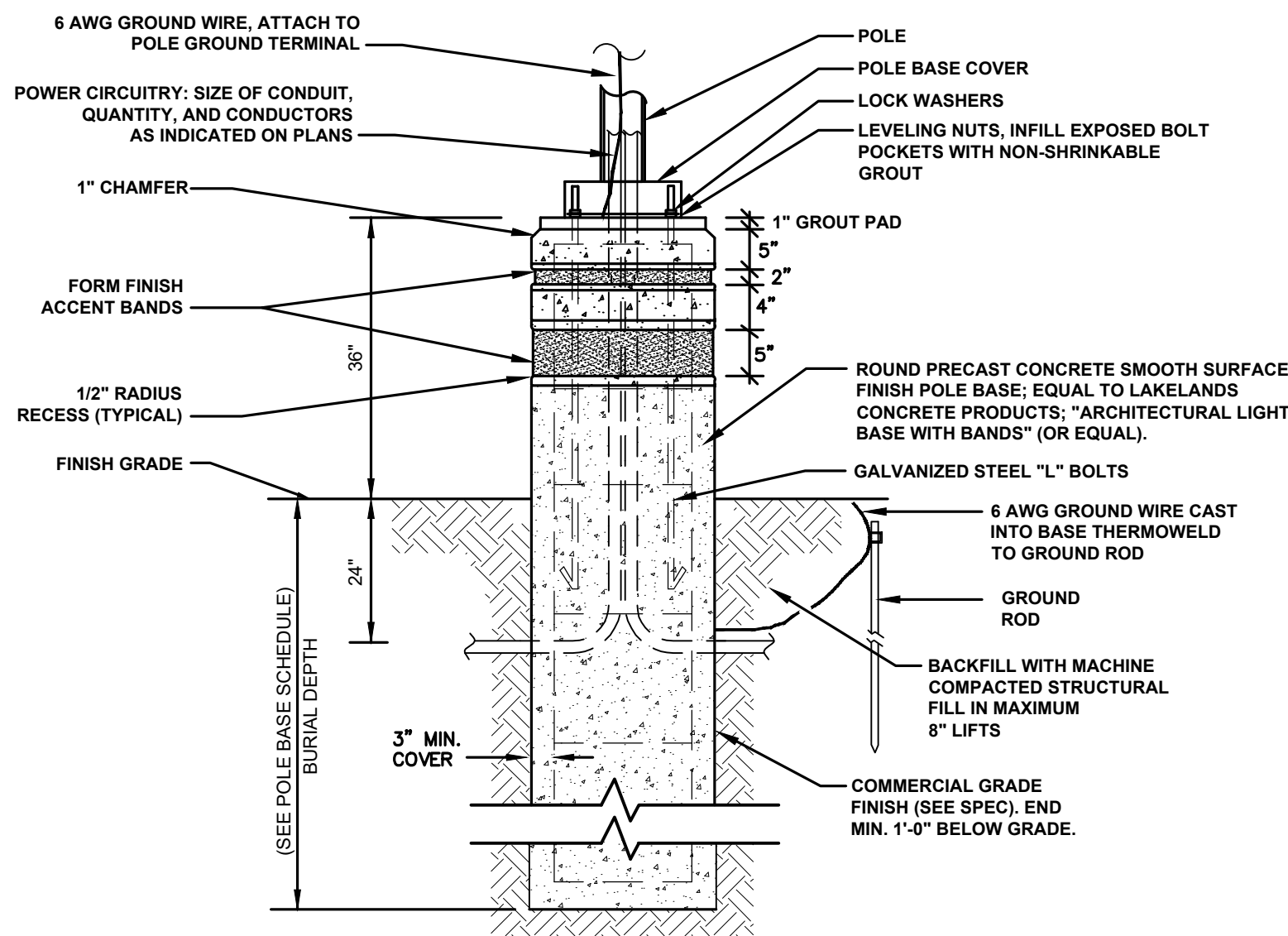
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



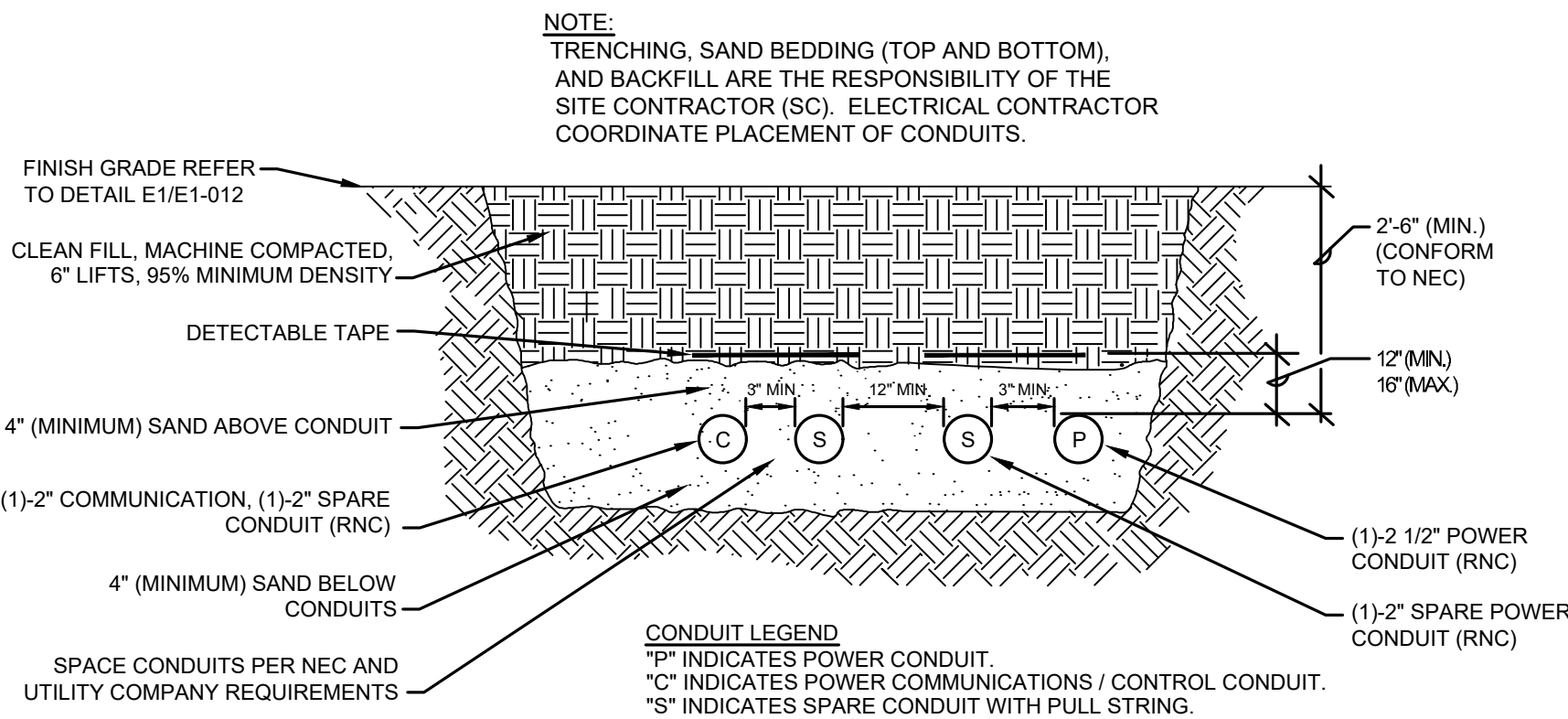
AREA DRAIN DETAIL
NOT TO SCALE

POLE BASE SCHEDULE		
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

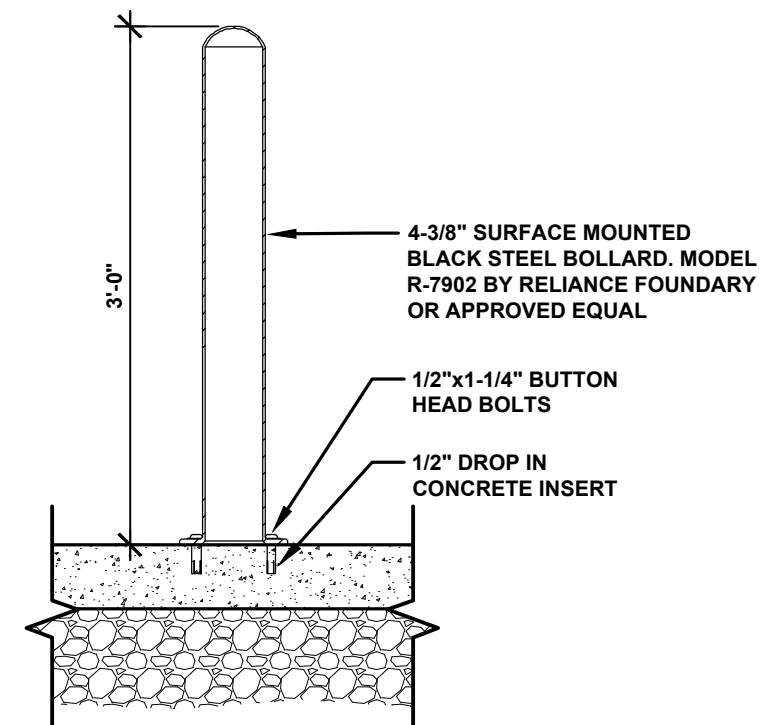
- DETAIL NOTES:**
- ALL DIMENSIONS ARE IN NOMINAL FEET OR INCHES.
 - PROVIDE PRECAST CONCRETE BASE PER DIV. 03 SPEC. "PRECAST CONCRETE LIGHTING POLE BASES"
 - POLE BASE DIAMETER OF 24 INCHES & 5000 PSI
 - PROVIDE STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED AND CONNECT TO METAL POLE 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.



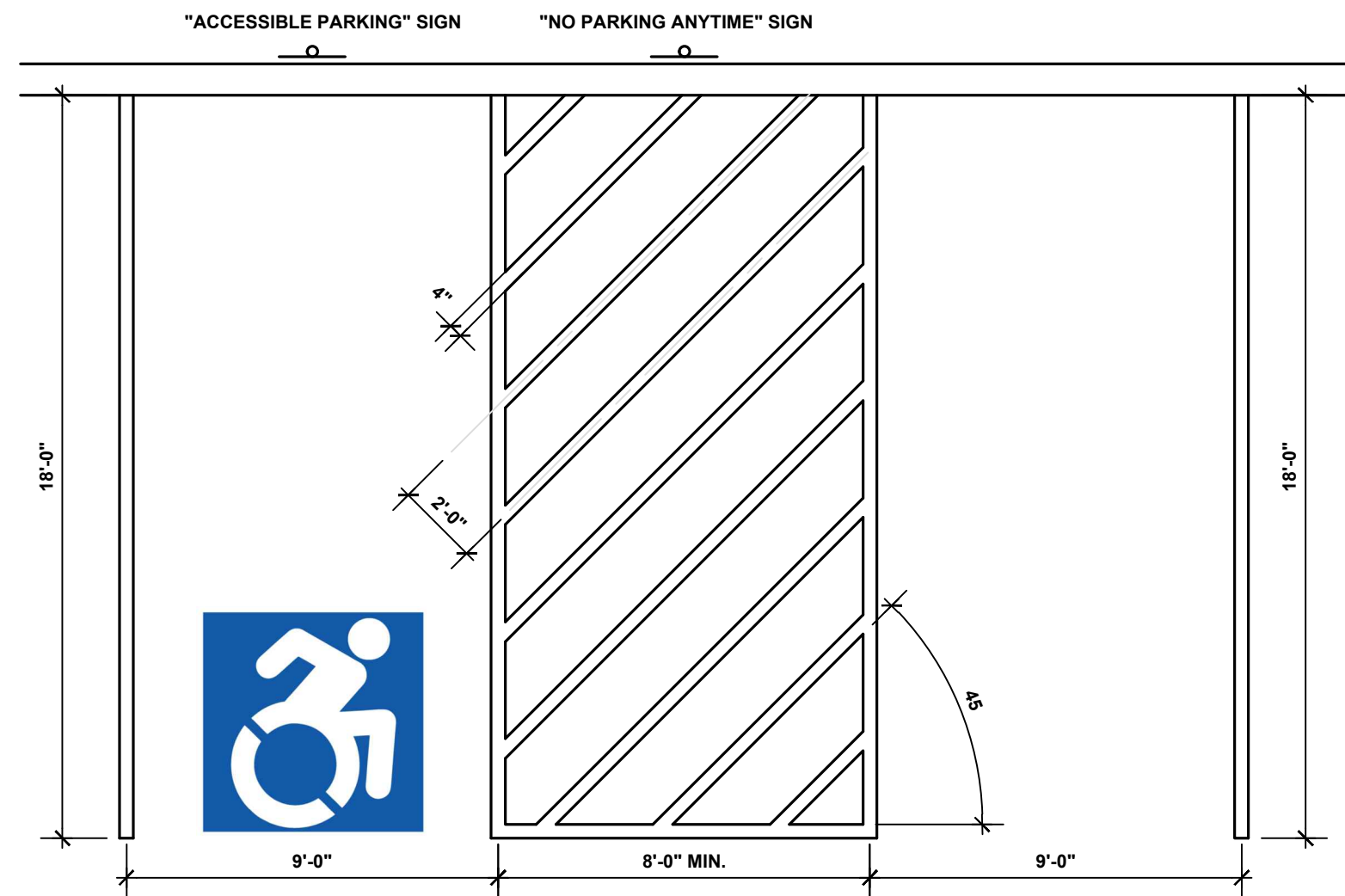
TYPICAL POLE BASE DETAIL
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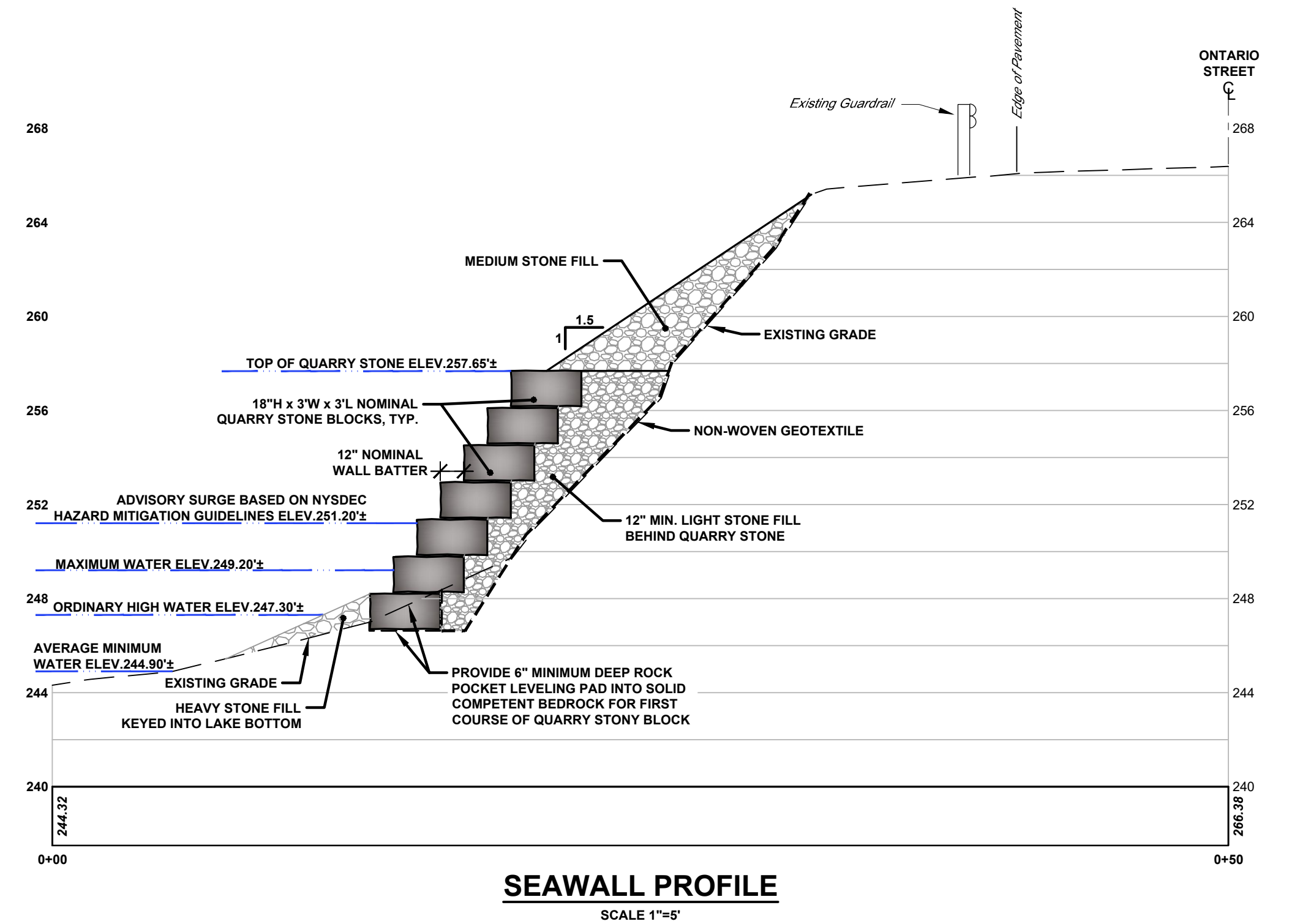
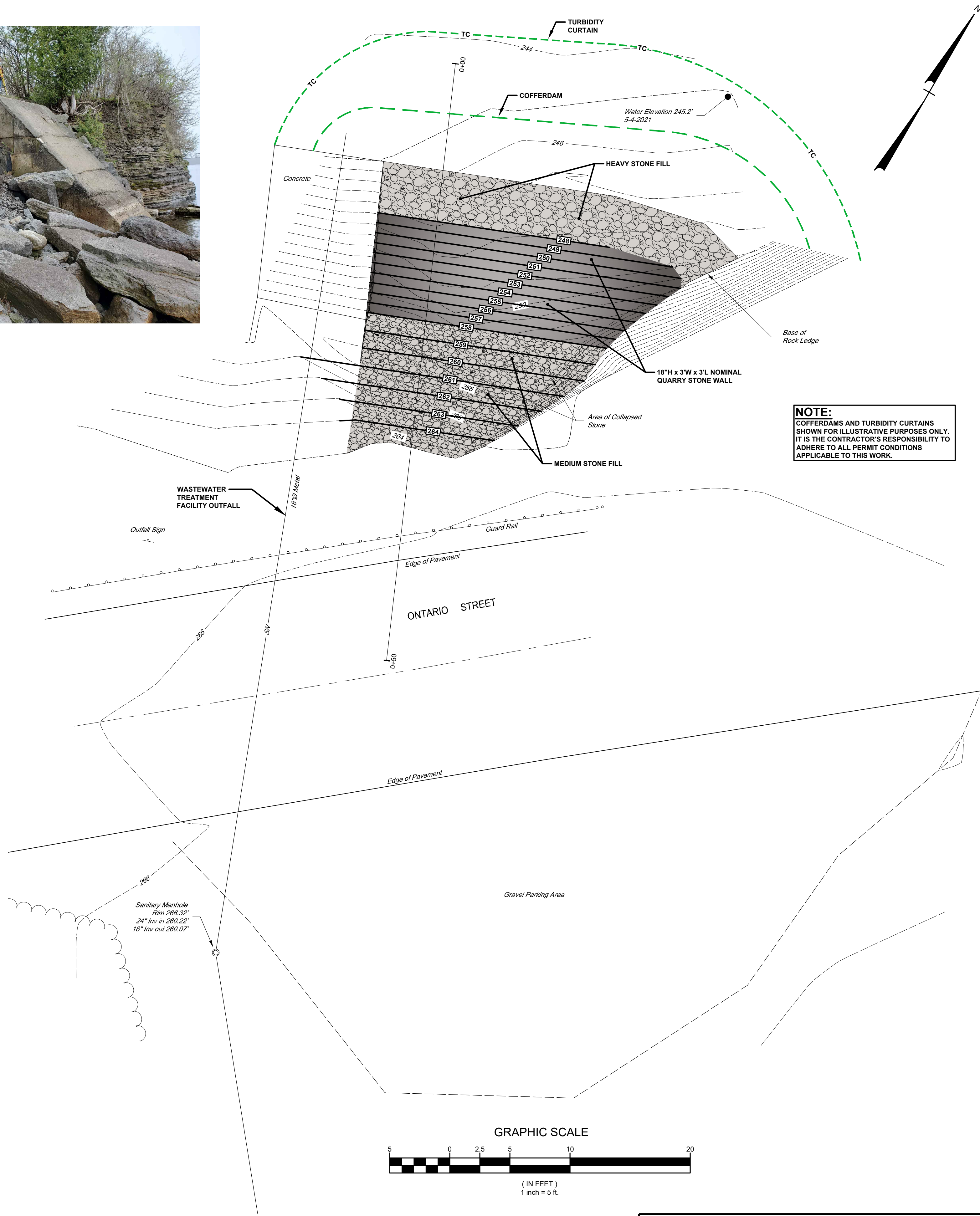
MULTI-SERVICE TRENCH DETAIL
NOT TO SCALE



SURFACE MOUNTED BOLLARD DETAIL
NOT TO SCALE

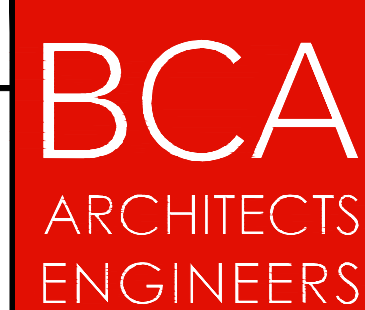


PARKING SPACE LAYOUT DETAIL (TYPICAL & HANDICAP ACCESSIBLE SPACES)
NOT TO SCALE



ONTARIO STREET OUTFALL - SITE PLAN & SECTION

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



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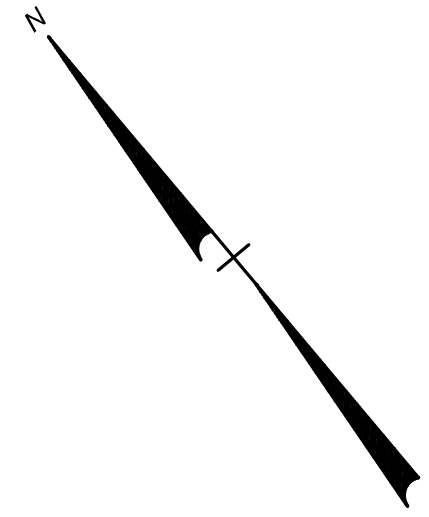
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DATE:	03/01/2023
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SCALE:	AS NOTED
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SHEET NO.

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
COUNTY OF JEFFERSON - STATE OF NEW YORK

BCA
ARCHITECTS
ENGINEERS

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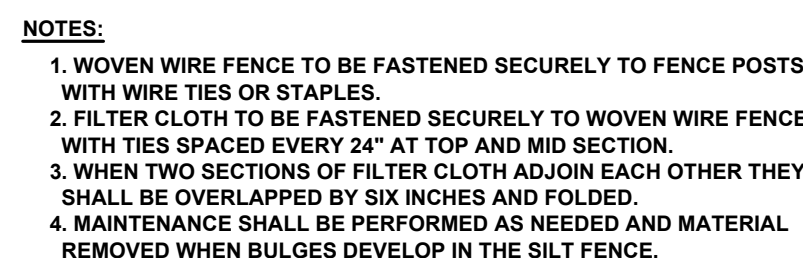
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DRAWN BY:	JBE
DATE:	03/01/2023
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SCALE:	1"=5'
PRINTED FOR:	BID

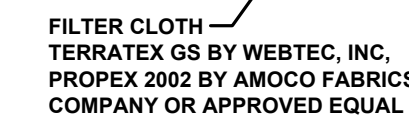
SHEET NO.

S7-1

PROJECT NO.
2020-027



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) 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 TRAPPING DEVICE. IF PIPING IS NOT FEASIBLE, A MOUNTABLE BERM WITH 6" 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.

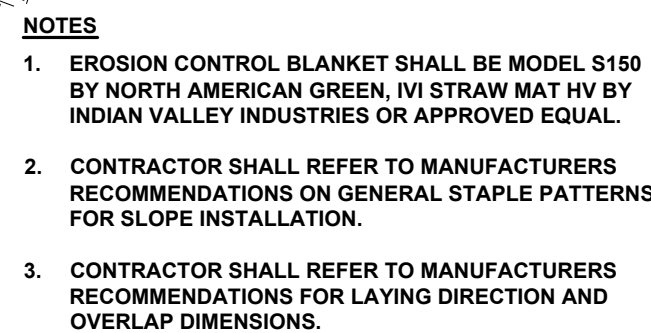
NOT TO SCALE



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.

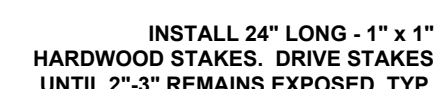


NOT TO SCALE

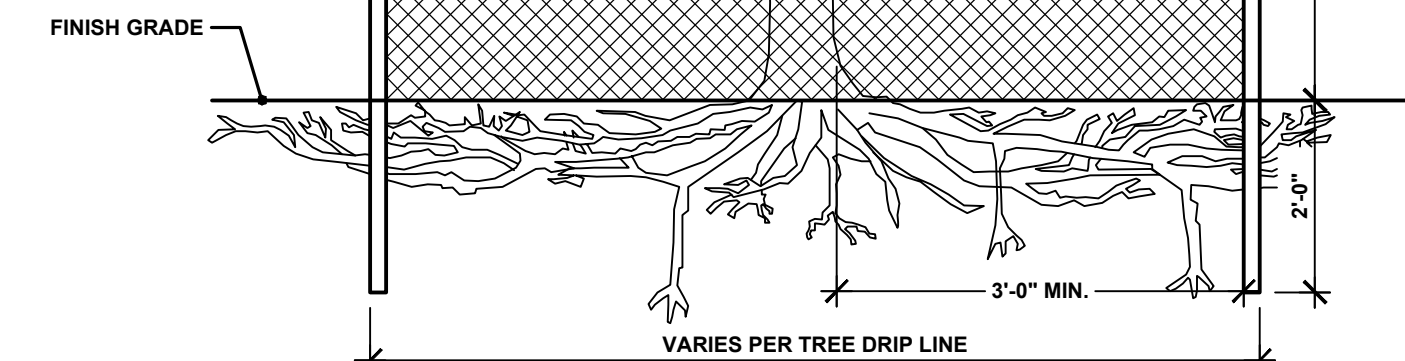


1. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF 40-85.
2. FILTER FABRIC MAY BE USED FOR SHORT TERM APPLICATIONS.
3. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
4. STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
5. 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.
6. FILTER FABRIC SHALL BE EMBEDDED 1' MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
7. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

EROSION AND SEDIMENT CONTROL DETAILS		<div>BCA</div> <div>ARCHITECTS</div> <div>ENGINEERS</div>	Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C. <div>15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM</div>		CHECKED BY: CGR	SHEET NO. <div>ESC-1</div>
VILLAGE OF SACKETS HARBOR REDI IMPROVEMENTS COUNTY OF JEFFERSON - STATE OF NEW YORK			<div><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 146 AND 147.</small></div> <div><small>THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE & NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY</small></div>		DRAWN BY: JBE	
			DATE: 03/01/2023			
			LAST REVISION:			
			SCALE: AS NOTED			
			PRINTED FOR: BID			
					PROJECT NO. 2020-027	

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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	

WORK ZONE TRAFFIC CONTROL GENERAL NOTES		<div>BCA</div> <div>ARCHITECTS</div> <div>ENGINEERS</div>	<div>Bernier, Carr & Associates, Engineers, Architects and Land Surveyors, P.C.</div> <div>15 Public Square, Watertown, NY 13601 (315) 782-8130 - WWW.THEBCGROUP.COM</div> <div><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></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.
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