



# City Of New London

Department of Finance-Purchasing Agent  
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

## Request for Proposals

### ADDENDUM # 1

Proposal No.: **2025-03 CONL**

Addendum No.: 1

Date Issued: November 20, 2024

**Briggs Brook and Fulton Park Improvements**

Opening Date and Time: November 26, 2024 @ 2:00 P.M.

**Bidders Notes:** This addendum is issued to provide all potential bidders with answers to questions submitted.

All other terms and conditions remain the same.

**This Addendum cover page must be signed and returned with your bid.**

\_\_\_\_\_  
Authorized Signature of Bidder

\_\_\_\_\_  
Company Name

**Return Bid To:**

Joshua Montague, Accounting Purchasing Agent  
City of New London  
13 Masonic Street  
New London, CT 06320

**Bids cannot be accepted after the Bid Opening Date and Time indicated above.**

## 2025-03 CONL

### **ADDENDUM 1** **Briggs Brook and Fulton Park Improvements**

**RE:** 2025-03 CONL  
**FROM:** Joshua Montague, Accounting Purchasing Agent  
**TO:** Prospective bidders

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This Addendum shall be part of the Contract Documents and modifies the original bidding documents. This Addendum is to be acknowledged by the bidders on the Bid Form. Failure to do so may subject the bidder to disqualification.

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#### **Changes to prior Addenda:**

- No prior Addenda have been issued.

#### **Q&A:**

Q1. Will ConnDOT perform review of pedestrian bridge shop drawing submittals and/or in-plant inspections?

*A1. Pedestrian bridge shop drawings will be reviewed by the design engineer only, and not ConnDOT. No in-plant inspections are required.*

Q2. Based on the FEMA 100-yr flood elevation of 10.0, the pedestrian bridge will be inundated during this event. In order to design for stream loading, we will need to know the velocity of stream flow during this event. Please provide.

*A2. Stream flow velocities for the proposed pedestrian bridge are referenced from the hydraulic analysis on file with CTDOT for the upstream Crystal Avenue culvert (bridge #02887). Bidders shall use a design velocity of 4 feet per second. This velocity is based upon a mean high tide tailwater condition within Winthrop cover and a design flood of 2,000cfs. If this design flood occurs at a higher tide elevation, the velocity of flow will decrease.*

Q3. Specifications 31 66 15 2.1.2 call for sch 80 pipe 3.5" x 0.300" shaft, sheet 9 of 12 calls for 2.875" x 0.276" shaft. Should we follow the more stringent minimum?

*A3. Please refer to revised plans/specs/bid form attached.*

Q4. Sheet 9 of 12 calls for a Carbide Rock It tip. This tip is available on square shaft leads. Please advise if the Carbide Rock It tip is required.

*A4. Please refer to revised plans/specs/bid form attached.*

Q5. Sheet 9 of 12 note 3 calls for 10/12/14 helix configuration. Note 8 calls for a minimum 3d spacing of piles. Pile cap layout suggests a 3ft pile spacing. Should we assume pile configuration or pile spacing should be used?

*A5. Please refer to revised plans/specs/bid form attached.*

Q6. Spec 31 66 15 3.1 calls for the helical pile contractor to have the design engineer as a direct employee. This requirement is difficult to meet, especially for small business enterprises. Would the EOR be agreeable to the design engineer not being a direct employee if the other qualifications are met?

*A6. Please refer to revised plans/specs/bid form attached.*

#### **General Items:**

- Attached, please find revised plans/specs/bid form attached. These revised plans/specs/bid form replace those in the original bid package.
- Site sign-in sheet is also included.

# CITY OF NEW LONDON BRIGGS BROOK & FULTON PARK IMPROVEMENTS

FOR THE

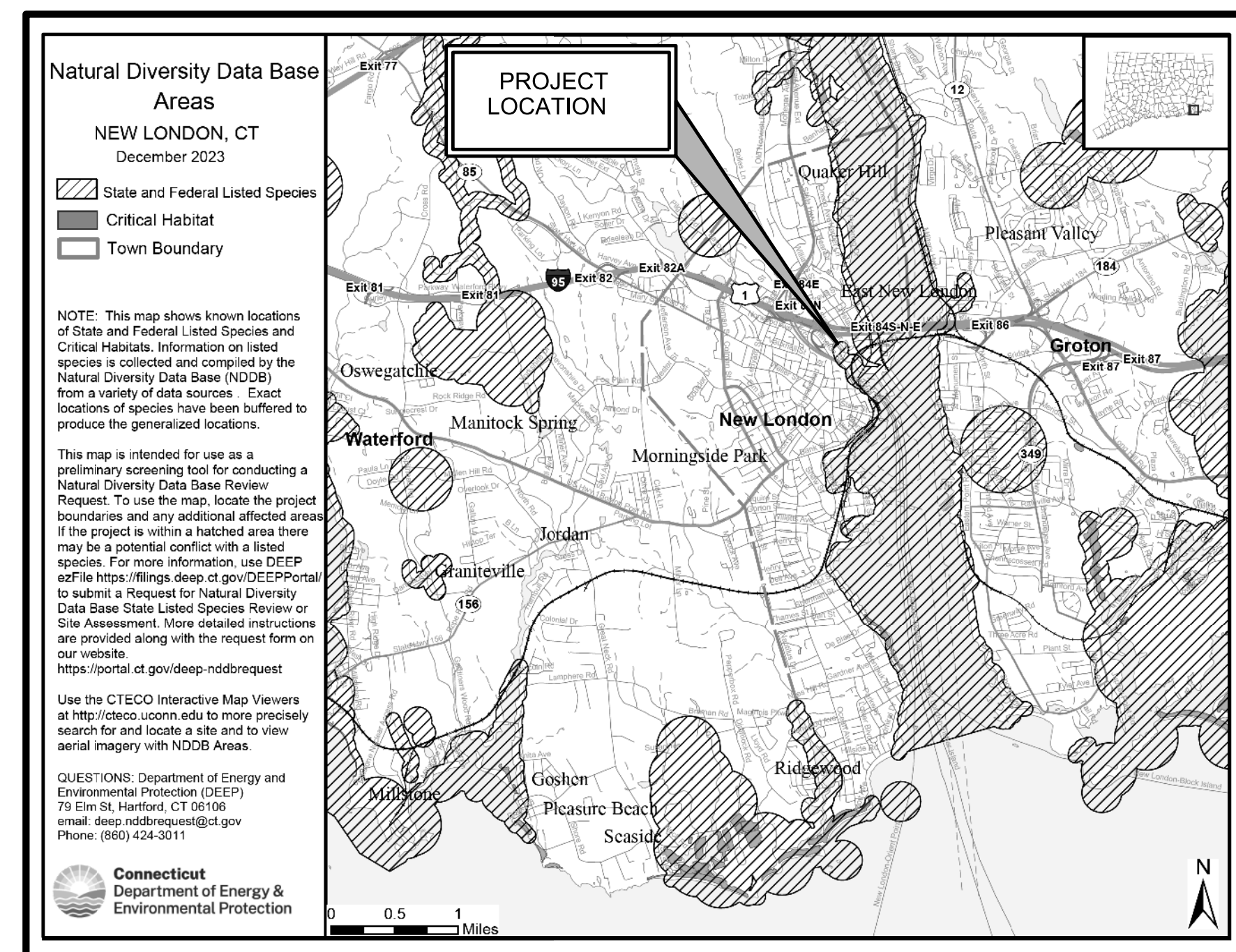
## 40 CRYSTAL AVENUE & STATE PIER ROAD

NEW LONDON, CT

PREPARED FOR

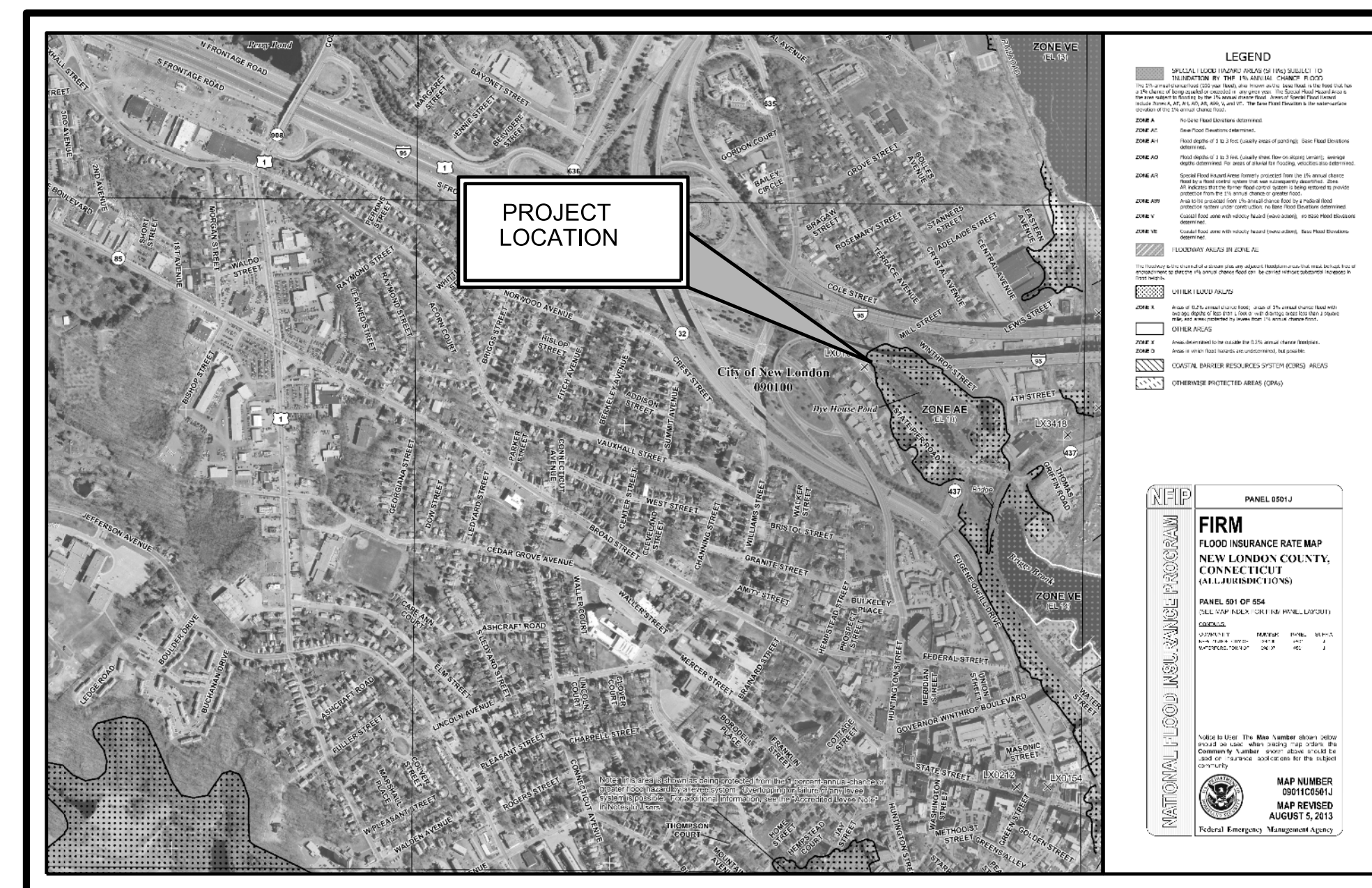
CITY OF NEW LONDON  
NEW LONDON CITY HALL

181 STATE STREET  
NEW LONDON CT 06320



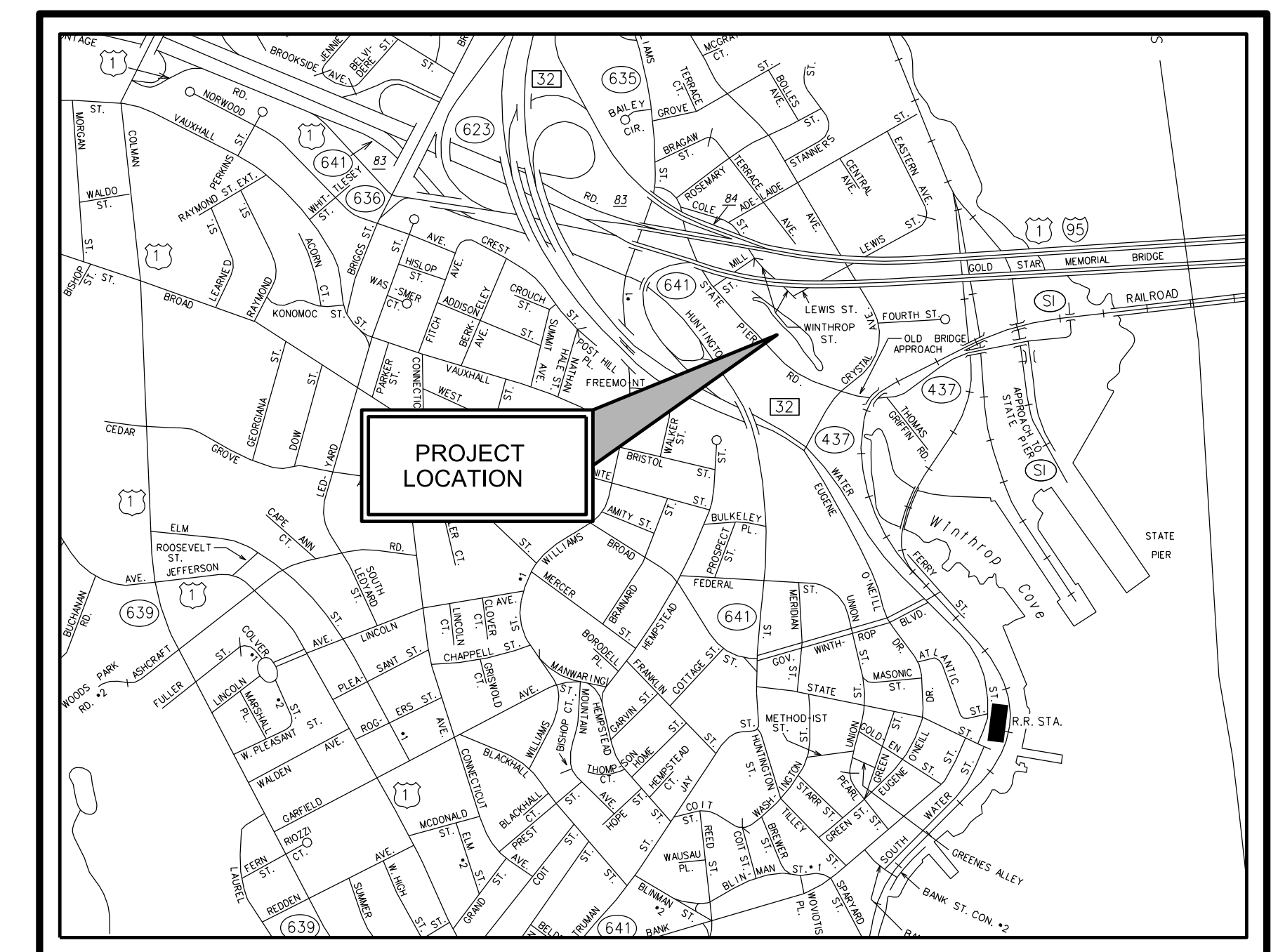
NATURAL DIVERSITY DATA BASE AREAS  
NEW LONDON, CT

NOT TO SCALE



FIRM MAP LOCATION

NOT TO SCALE



SITE LOCATION MAP

NOT TO SCALE

### LIST OF SHEETS

DATE: 10/15/24 REVISED: 11/19/24

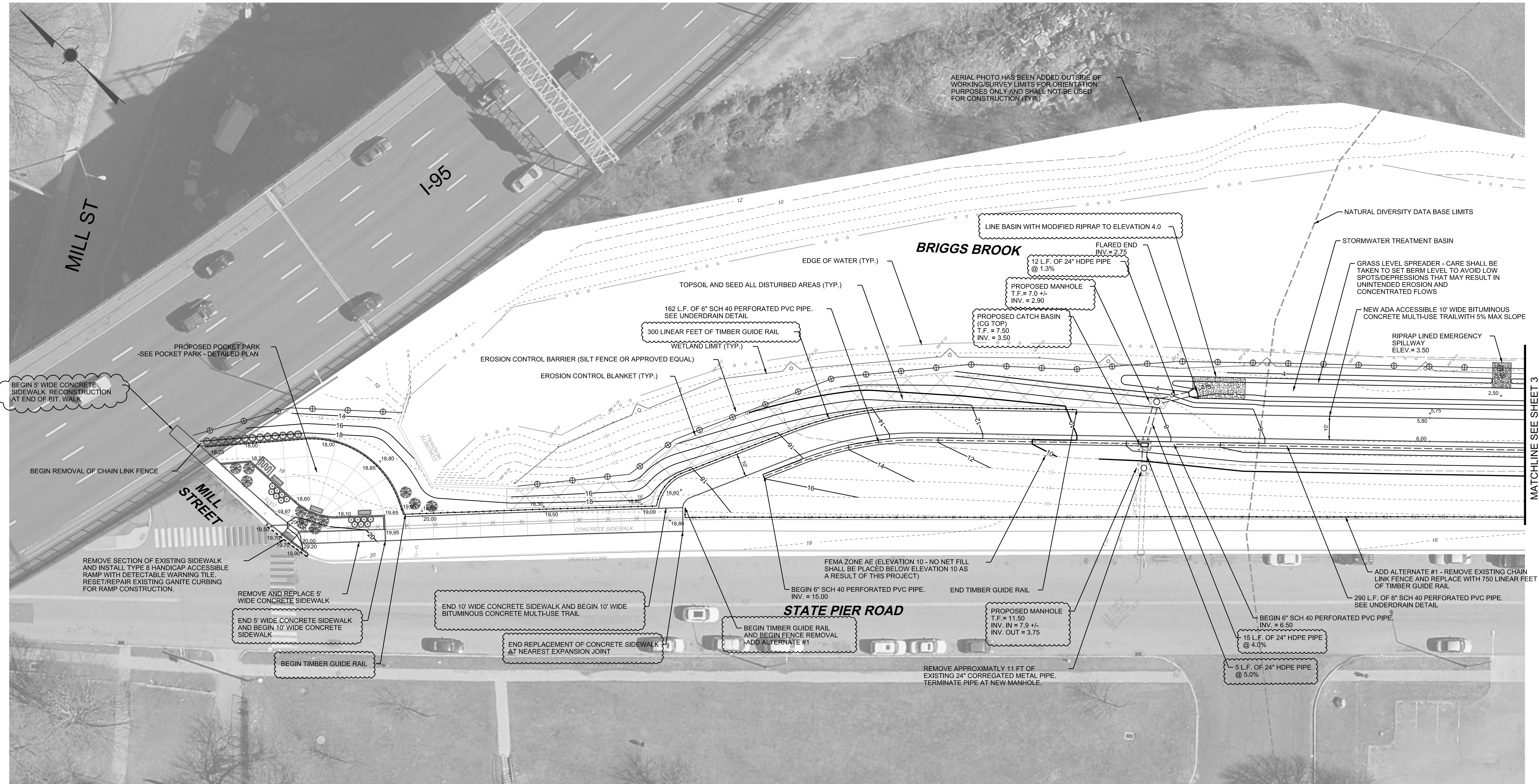
OVERALL PLAN	1
BRIGGS BROOK IMPROVEMENTS - NORTH	2
BRIGGS BROOK IMPROVEMENTS - SOUTH	3
FULTON PARK IMPROVEMENTS	4
POCKET PARK - DETAILED PLAN	5
INTERSECTION - DETAILED PLAN	6
FULTON PARK STAIR - DETAIL PLAN	7
FULTON PARK PEDESTRIAN BRIDGE PLAN	8
FOUNDATION & HELICAL PILE PLAN	9
SITE DEVELOPMENT DETAILS	10-12

PREPARED BY:

**Barton & Loguidice**  
 41 Sequin Drive  
 Glastonbury, CT 06033  
 Phone: (860) 633-8770  
 Fax: (860) 633-5971  
 www.anchorengr.com

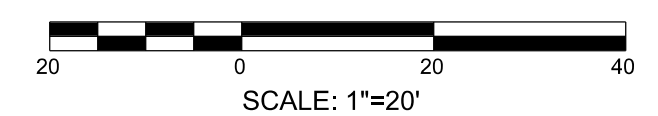
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**CONSTRUCTION NOTES:**

- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTED UTILITY COMPANIES OR GOVERNMENT AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO BARTON AND LOGUIDICE, LLC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG: 1-800-922-4455.
- ALL MATERIALS AND METHODS OF CONSTRUCTION WITHIN THE CITY OF NEW LONDON RIGHT-OF-WAY SHALL CONFIRM TO THE CITY OF NEW LONDON PUBLIC WORKS DEPARTMENT STANDARD DETAILS. ALL MATERIALS AND METHODS OF CONSTRUCTION WITHIN THE STATE OF CONNECTICUT RIGHT-OF-WAY SHALL CONFORM TO STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION (CTDOT) STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 818.
- THE SITE SHALL BE DEVELOPED IN SUCH A MANNER AS TO MINIMIZE EROSION, BOTH DURING CONSTRUCTION AND AFTER DEVELOPMENT AND TO PREVENT SEDIMENTATION OF WATERCOURSES AND STORM DRAINAGE SYSTEMS BOTH ON AND OFF THE SITE. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SEEDED AS SOON AS IS PRACTICAL. ALL DISTURBED AREAS WHICH WILL NOT RECEIVE FINAL GRADING AND SEEDING SHALL BE TEMPORARILY SEEDD DURING THE FALL TO PREVENT EROSIONS DURING THE WINTER AND EARLY SPRING. REASONABLE EROSION/SEDIMENTATION CONTROLS SHALL BE USED INCLUDING, BUT NOT LIMITED TO, STAKED HAY BALES, DRAINAGE DIVERSION, TEMPORARY SEEDING, SEDIMENTATION BASINS OR CHAMBERS, WATERING AND APPLICATION OF CHEMICAL AGENTS.



3214.013 OF 04pp (Rev. 09)

**Barton & Loguidice**

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PROJ. ENGINEER: MJP  
PROJ. MANAGER: KRG  
OFFICE REVIEW: KRG

**BRIGGS BROOK & FULTON PARK IMPROVEMENTS**

PREPARED FOR THE CITY OF NEW LONDON

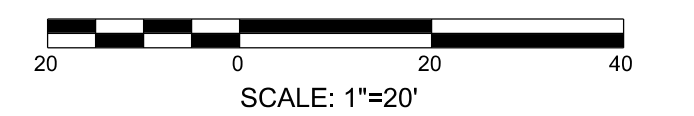
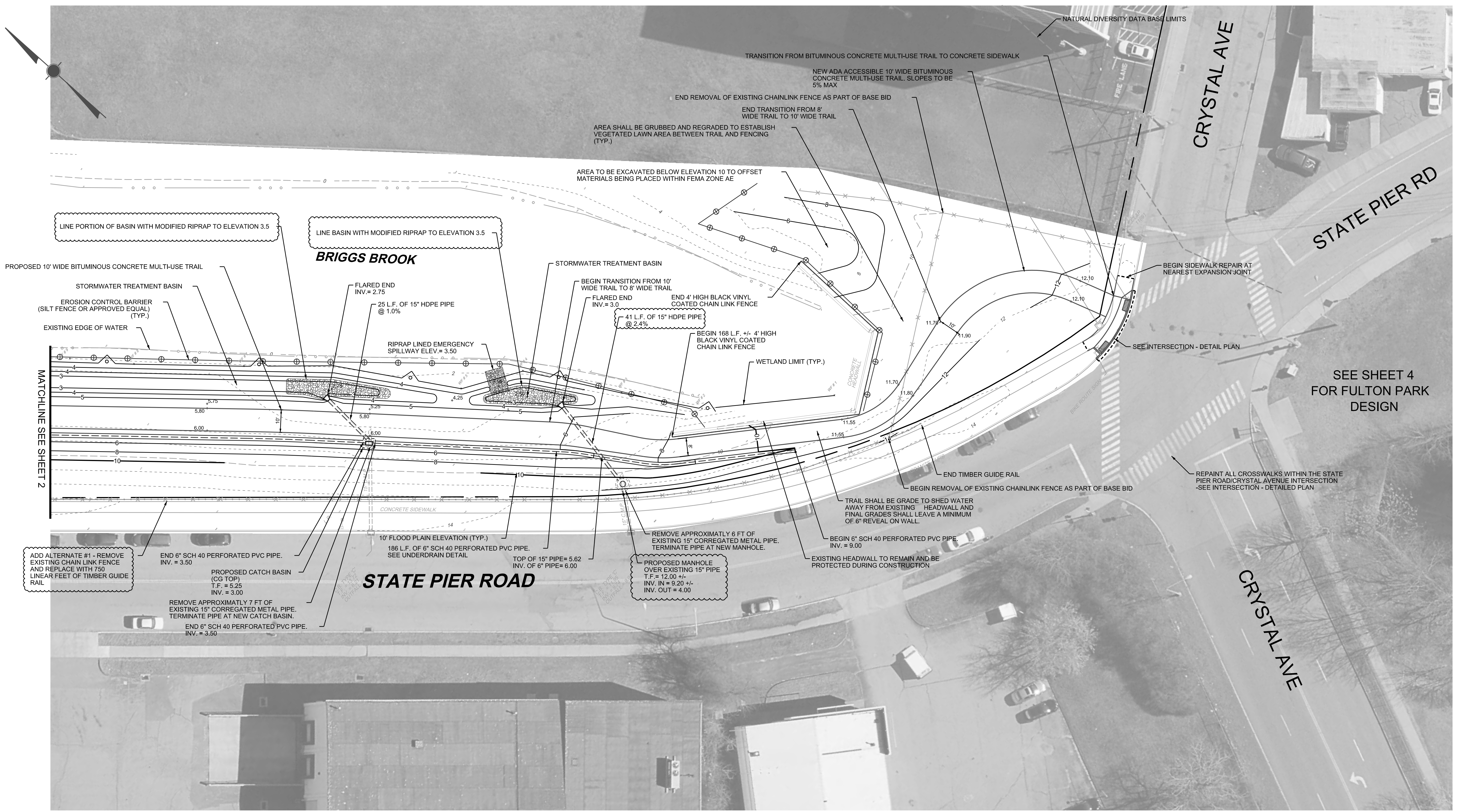
**BRIGGS BROOK IMPROVEMENTS - NORTH**

40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT

REVISIONS	
11/19/24	

PROJECT	DATE	SHEET NO.	2	OF	12
3214.013	10/15/24				

SCALE: 1"=20'



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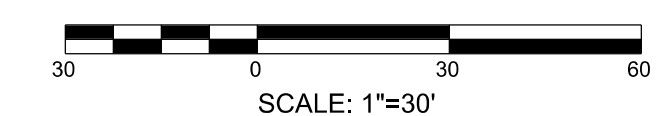
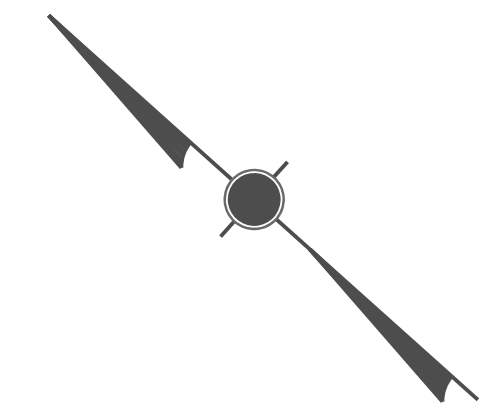
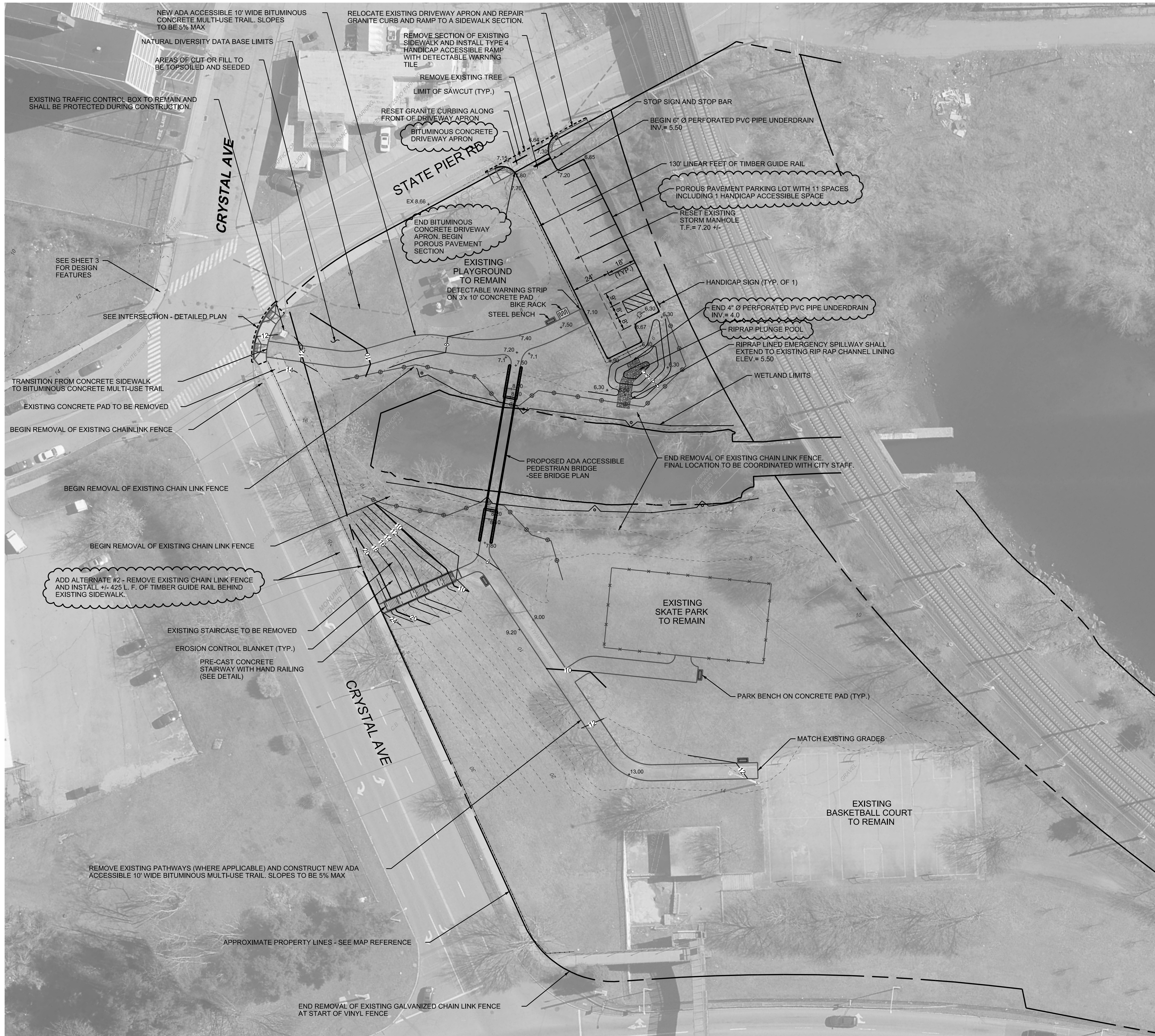
PROJ. ENGINEER MJP  
PROJ. MANAGER KRG  
OFFICE REVIEW KRG

**BRIGGS BROOK & FULTON PARK IMPROVEMENTS**  
PREPARED FOR THE CITY OF NEW LONDON  
**BRIGGS BROOK IMPROVEMENTS - SOUTH**  
40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT

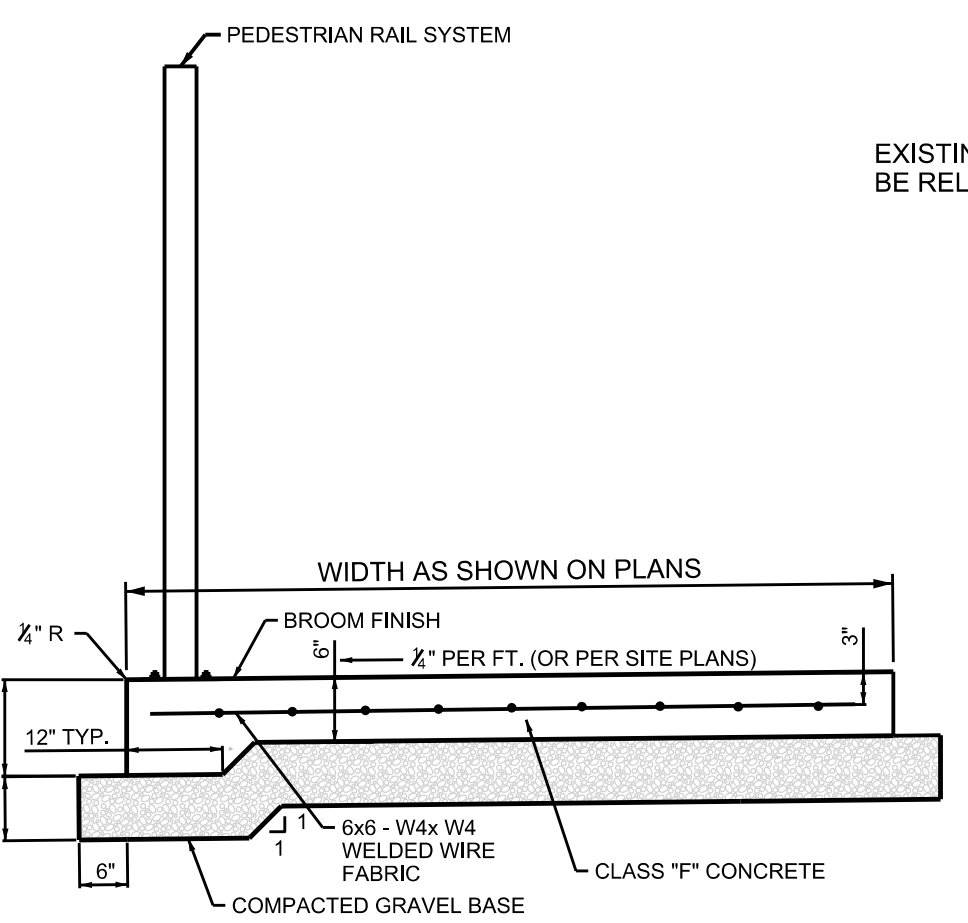
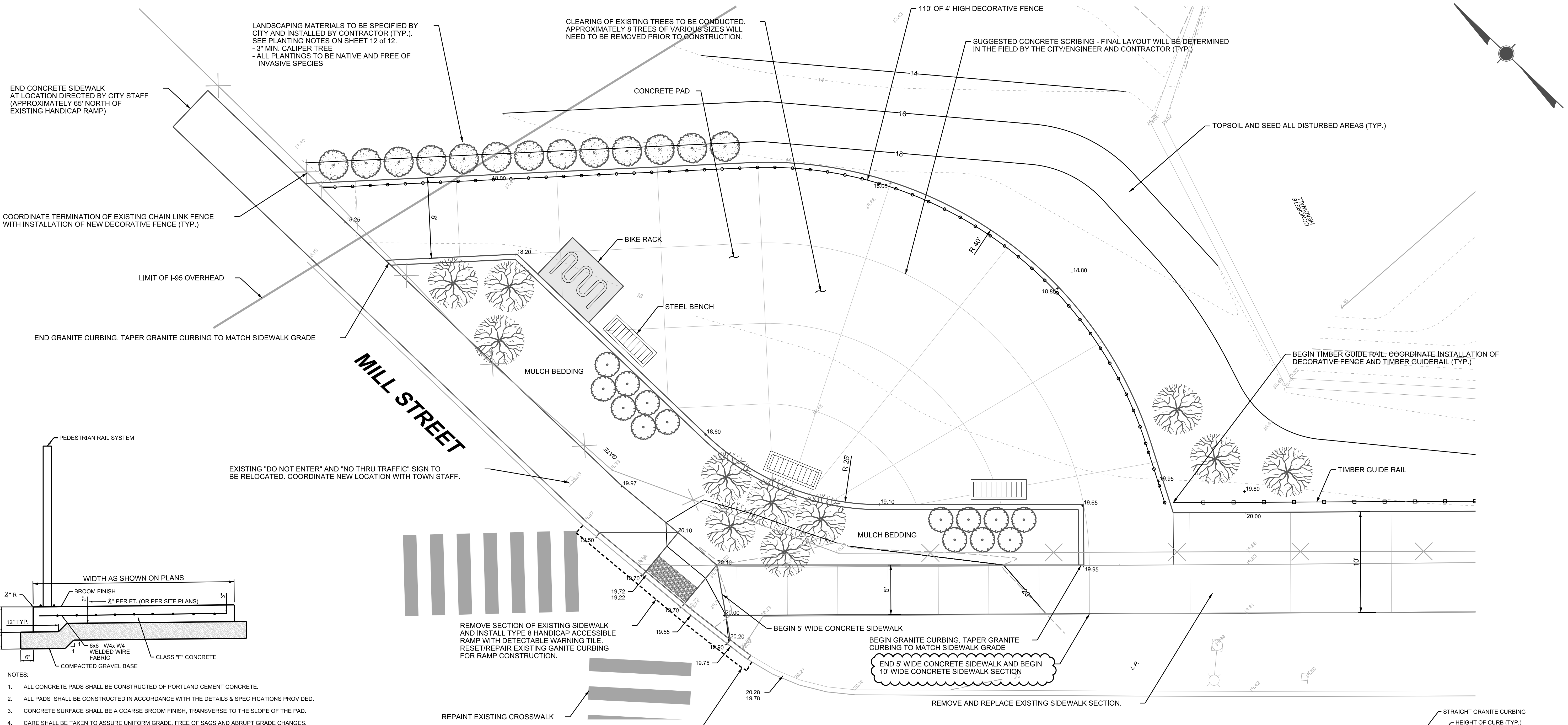
REVISIONS	
11/19/24	

PROJECT	DATE	SHEET NO.	3	OF	12
3214.013	10/15/24				

SCALE: 1"=20'

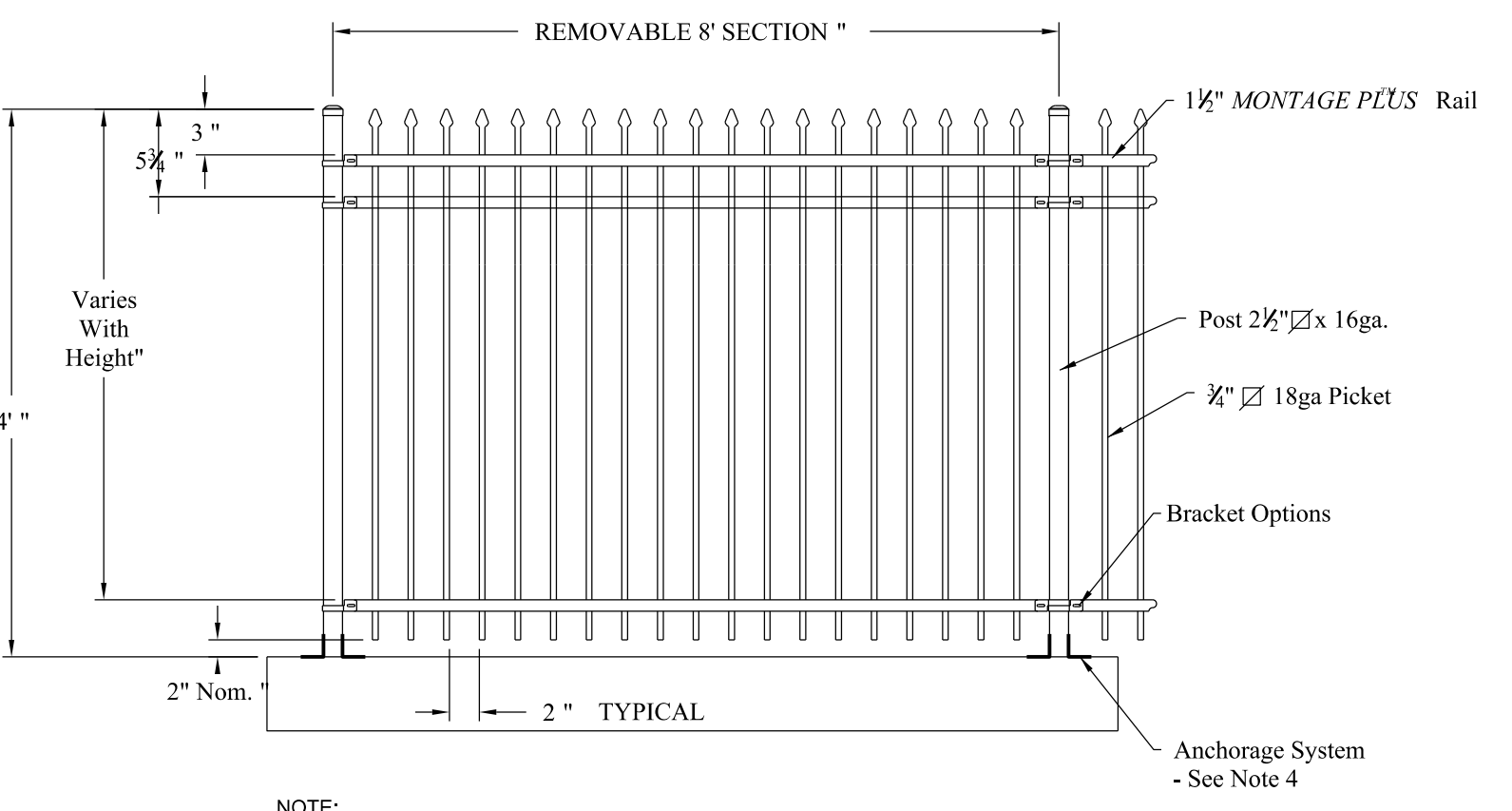


		41 Sequin Drive Glastonbury, CT 06033 Phone: (860) 633-8770 Fax: (860) 633-5971 www.bandct.com	
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PROJ. ENGINEER	MJP	<b>BRIGGS BROOK &amp; FULTON          PARK IMPROVEMENTS</b> PREPARED FOR THE CITY OF NEW LONDON <b>FULTON PARK - IMPROVEMENTS</b> 40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT	
PROJ. MANAGER	KRG		
OFFICE REVIEW	KRG		
REVISIONS		PROJECT	DATE
11/19/24		3214.013	10/15/24
SCALE: 1"=30'		SHEET NO.	4 OF 12



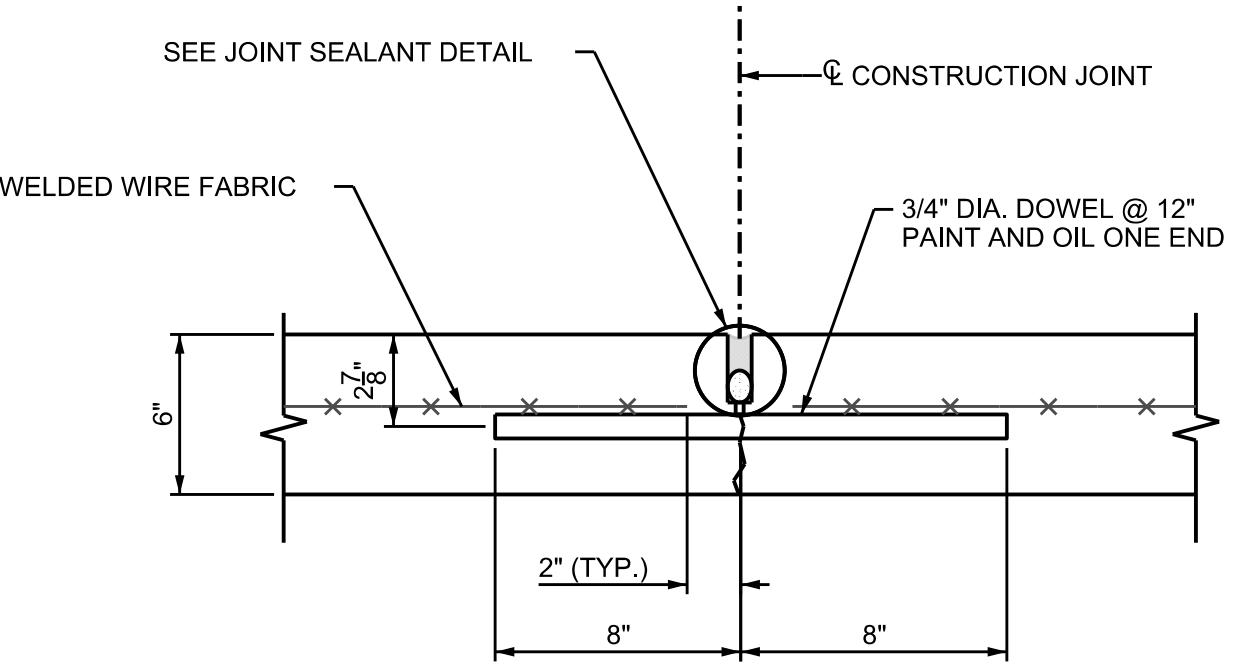
- NOTES:
1. ALL CONCRETE PADS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE.
  2. ALL PADS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS & SPECIFICATIONS PROVIDED.
  3. CONCRETE SURFACE SHALL BE A COARSE BROOM FINISH, TRANSVERSE TO THE SLOPE OF THE PAD.
  4. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE, FREE OF SAGS AND ABRUPT GRADE CHANGES.
  5. MAXIMUM CONTROL JOINT SPACING FOR EXTERIOR SLABS ON GRADE IS 15'-0".

**CONCRETE PAD DETAIL**  
NOT TO SCALE

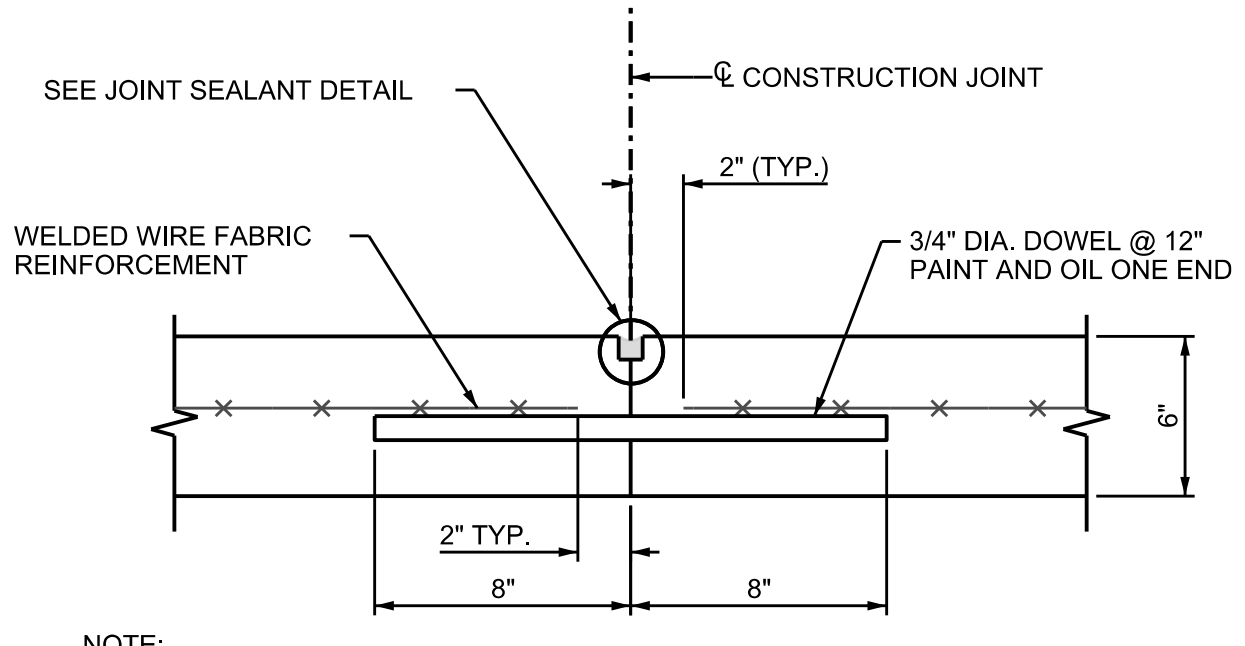


- NOTE:
1. FENCE SHALL BE 4'-0" MIN. HIGH MONTAGE PLUS MAJESTIC 3-RAIL FENCE MANUFACTURED BY AMERISTAR (OR APPROVED EQUAL). MOUNTING BRACKETS SHALL BE ENGINEERED AND DESIGNED BY CONTRACTOR - SEE NOTE 3
  2. CONTRACTOR SHALL PROVIDE ALTERNATE BID PRICING WHEN SPECIFYING APPROVED EQUAL STYLE/MANUFACTURER OPTION(S).
  3. FENCE PANELS SHALL BE FACE MOUNTED/BOLTED TO CONCRETE SLAB.

**PEDESTRIAN RAIL DETAIL**  
NOT TO SCALE

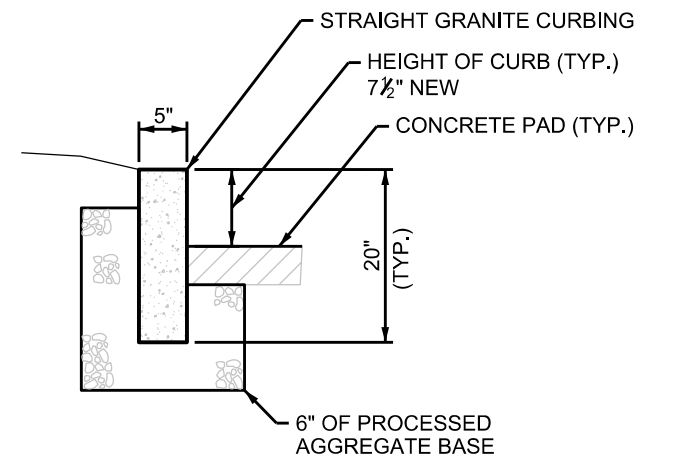


**SLAB CONTRACTION JOINT DETAIL**  
NOT TO SCALE



- NOTE:
1. CONSTRUCTION JOINT SHALL BE USED IF NEEDED, BASED UPON FIELD CONDITIONS AND CONTRACTORS MEANS AND METHODS. (TYP.)

**SLAB CONSTRUCTION JOINT DETAIL**  
NOT TO SCALE



- NOTES:
1. ALL PIECES SHALL BE 6'-0" IN LENGTH EXCEPT FOR CLOSURES WHERE NO PIECES SHALL BE LESS THAN 3'-0".
  2. CURB OF LESS THAN 100' RADIUS SHALL BE CUT TO REQUIRED RADIUS AND LENGTH.
  3. JOINTS BETWEEN GRANITE CURB SECTIONS SHALL NOT EXCEED 2'.
  4. GRANITE CURBING SHALL BE HARD AND DURABLE GRANITE OF LIGHT COLOR AND UNIFORM TEXTURE. NEITHER STRATIFIED NOR LAMINATED. THE GRANITE SHALL BE FREE FROM SEAMS AND EVIDENCE OF WEAKENING OR DISINTEGRATION AND SHALL HAVE GOOD, SMOOTH SPLIT FACES. THE TOP SURFACE SHALL BE POINTED, PEEN HAMMERED AND SAVED. THE TOP 8" OF THE FACE SHALL BE SMOOTH QUARRY SPLIT AND FREE FROM DILL HOLES. THE ENDS OF ALL STONES SHALL BE SQUARE WITH THE PLANES OF THE TOP AND FACE, AND SO FINISHED THAT WHEN STONES ARE PLACED END TO END AS CLOSELY AS POSSIBLE.

**GRANITE CURB DETAIL**  
NOT TO SCALE

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 OFFICE REVIEW KRG

BRIGGS BROOK & FULTON  
 PARK IMPROVEMENTS

PREPARED FOR THE CITY OF NEW LONDON

POCKET PARK - DETAILED PLAN

40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT

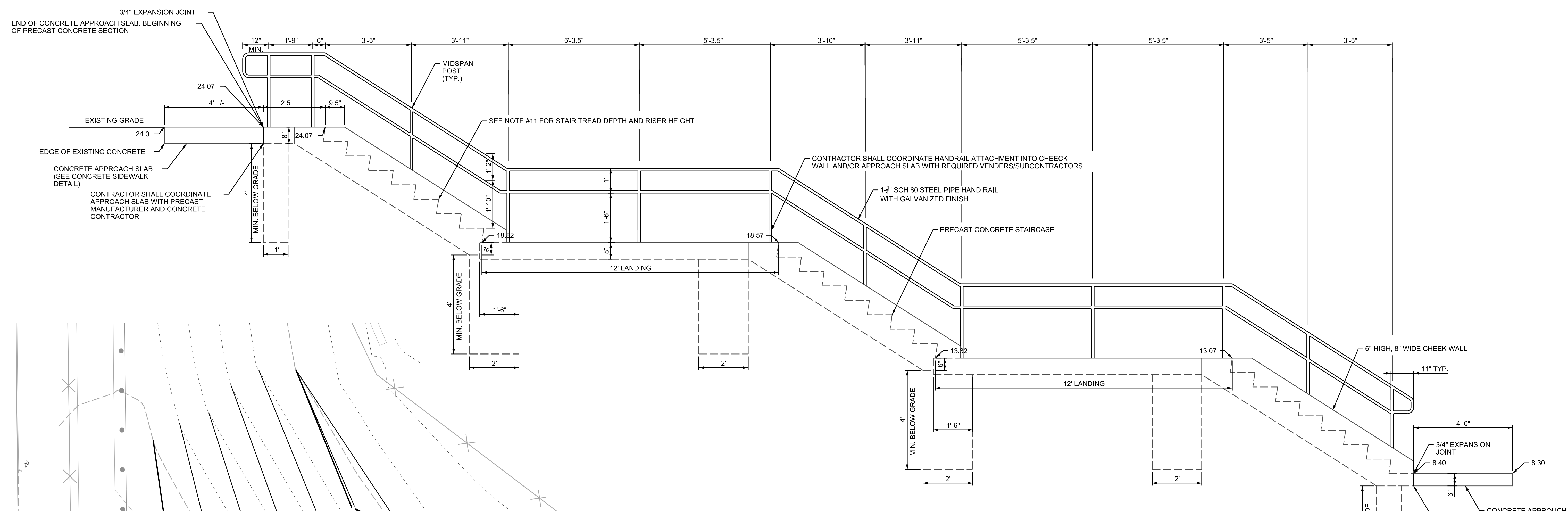
PROJECT DATE  
 3214.013 10/15/24

SHEET NO. 5 OF 12

SCALE: 1"=5'



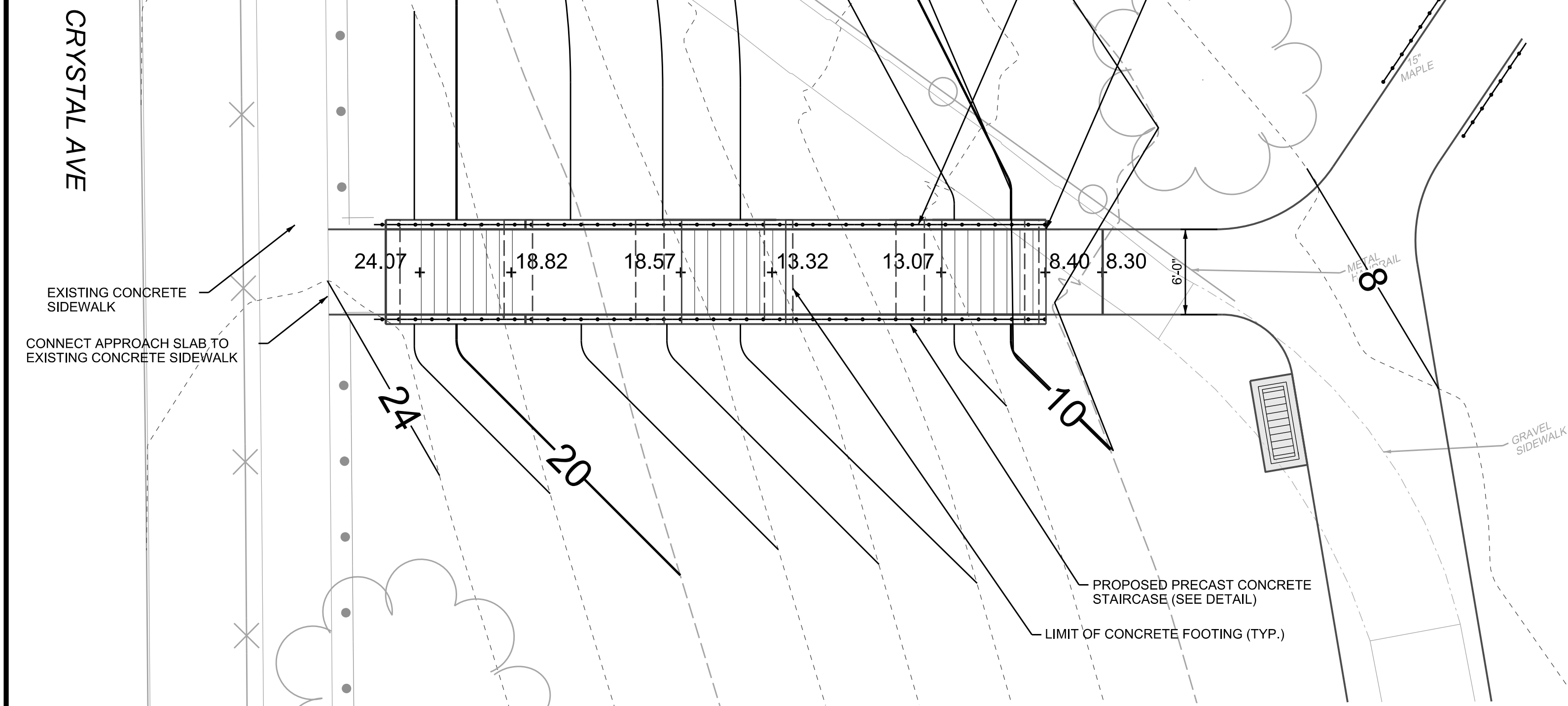




- NOTE:
- 1) CONCRETE STRENGTH MIN. 5,000 PSI @ 28 DAYS
  - 2) AIR ENTRAINMENT - MIN. 5.5%
  - 3) FINAL DESIGN TO BE SUBMITTED BY CONTRACTOR FOR REVIEW.
  - 4) REINFORCING BAR PER ASTM A615, GRADE 60. INTEGRATE REBAR WITH LIFTING INSERT(S). MINIMUM 3" CLR (ALL FACES), 1.5" (ENDS). CONCRETE TO BE SEALED WITH SALT GUARD WB244 OR APPROVED EQUAL.
  - 5) ALL HAND RAILING TO BE GALVANIZED.
  - 6) EXISTING UTILITIES WITHIN CONSTRUCTION VICINITY TO BE PROTECTED.
  - 7) CONCRETE SHOP DRAWINGS TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. PRECAST CONCRETE STAIR AND HANDRAILS SHALL COMPLY WITH ALL APPLICABLE SECTIONS OF THE 2021 IBC.
  - 8) REFER TO PLAN FOR STAIR LOCATION AND ELEVATIONS. CLEAR WIDTH OF STAIRS SHALL BE 6 FEET.
  - 9) ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. DIMENSIONS SHALL BE IN ACCORDANCE WITH THE PLANS. A RISER HEIGHT OF 7" MAX. AND TREAD DEPTH OF 11" MIN IS REPRESENTED ON THE DESIGN PLANS. ALL TREADS SHALL BE PITCHED 1/4"/FT. MAXIMUM.
  - 10) CONCRETE MIX SHALL BE EITHER NUMBER 261 OR 363B OF THE PCI, ARCHITECTURAL PRECAST CONCRETE COLOR AND TEXTURE SELECTION GUIDE, 2nd EDITION OR APPROVED EQUAL. TEXTURE SHALL BE SANDBLASTED EXCEPT FOR STAIR TREADS.
  - 11) CONTRACTOR TO CONFIRM CONCRETE MIX, COLOR, AND TEXTURE WITH ENGINEER AND OWNER DURING SHOP DRAWING AND SAMPLE SUBMITTAL PROCESS.

**PRECAST CONCRETE STAIRWAY DETAIL**

NOT TO SCALE



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**BRIGGS BROOK & FULTON PARK IMPROVEMENTS**

PREPARED FOR THE CITY OF NEW LONDON

**FULTON PARK STAIRS - DETAILED PLAN**

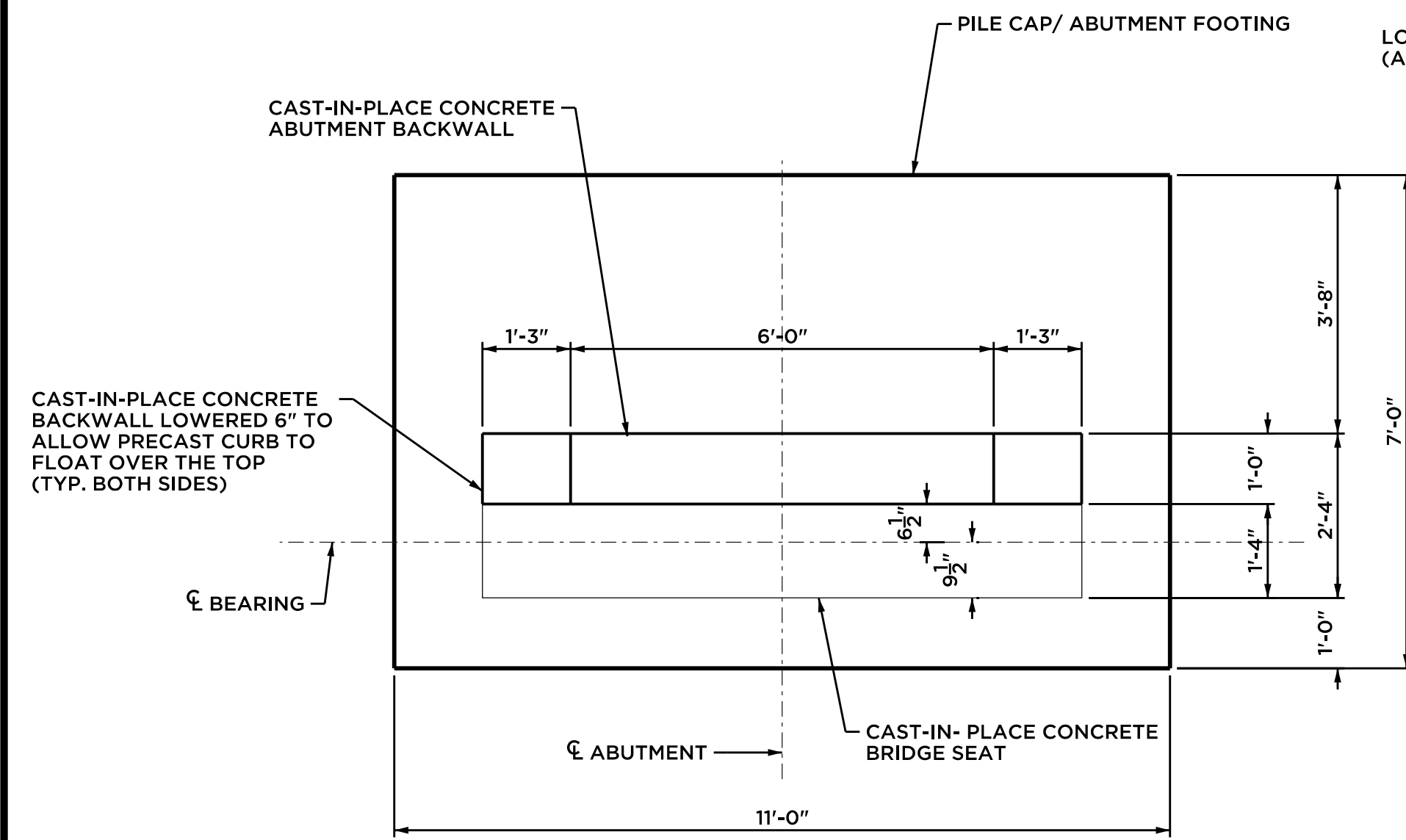
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PROJECT	DATE	SHEET NO. 7 OF 12
3214.013	10/15/24	

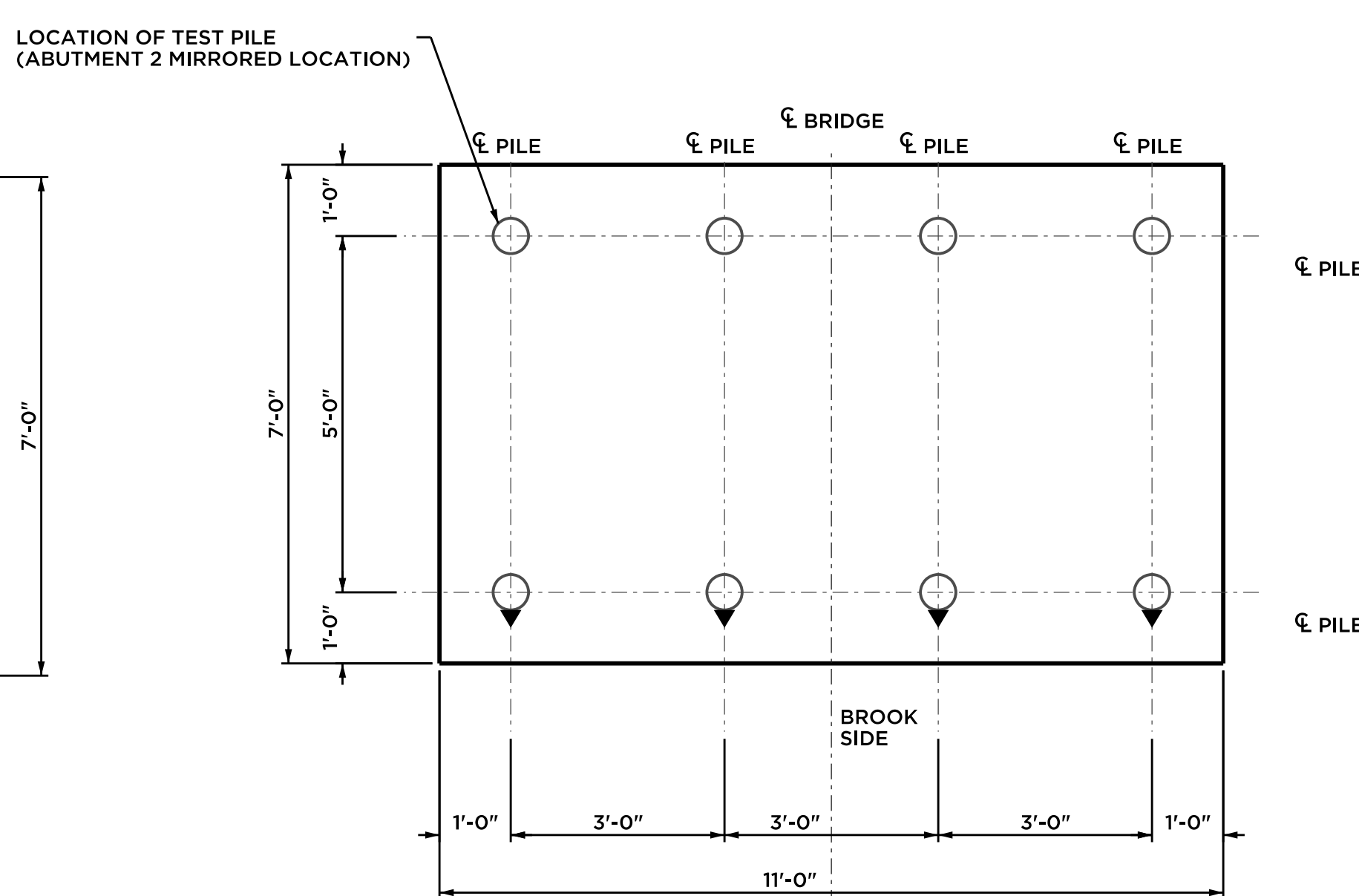
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**ABUTMENT LAYOUT**

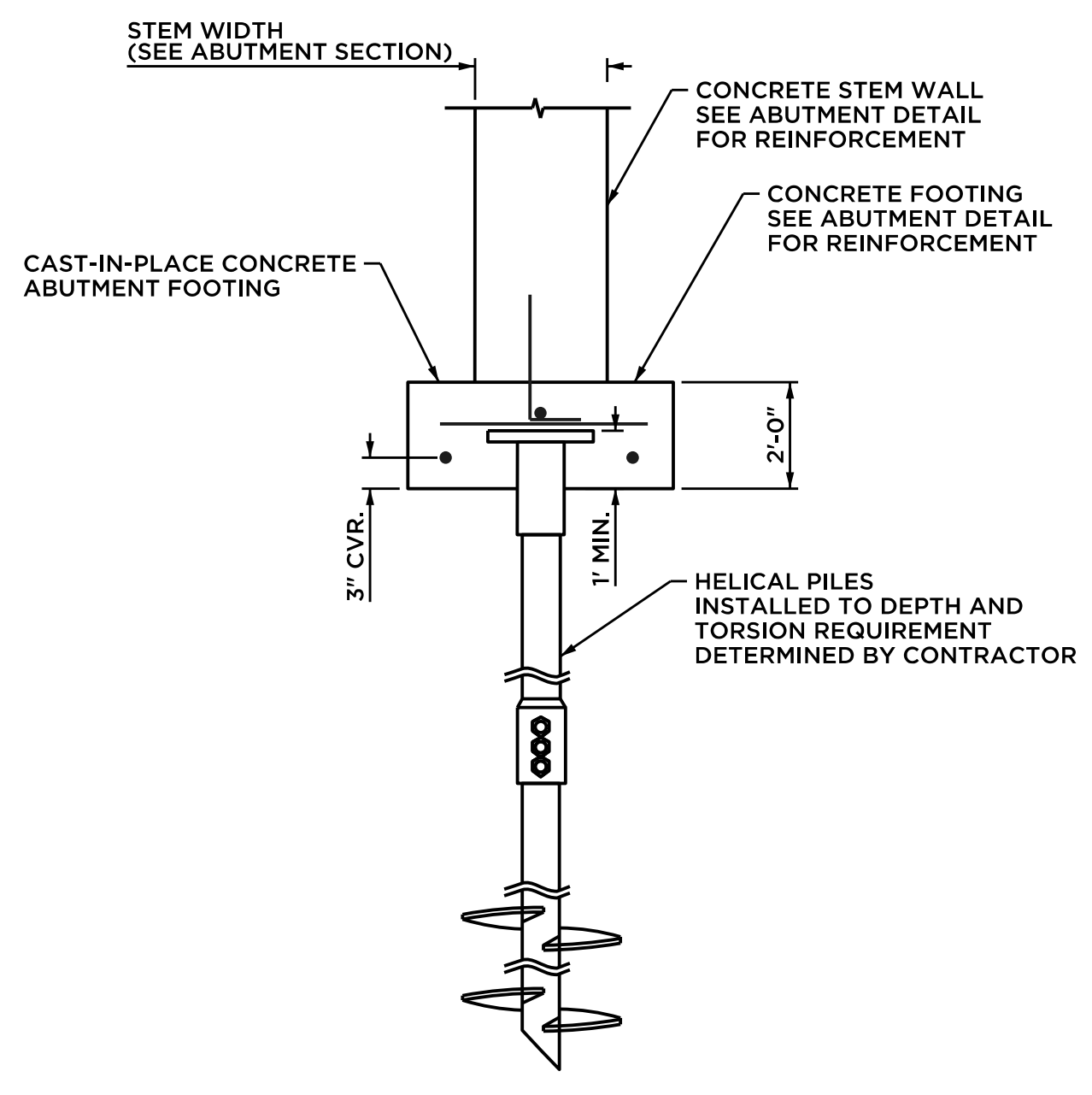
SCALE: 1/2" = 1'-0"  
ALL DIMENSIONS SHALL BE CONFIRMED WITH BRIDGE MANUFACTURER PRIOR TO CONSTRUCTION.



**PILE LAYOUT**

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

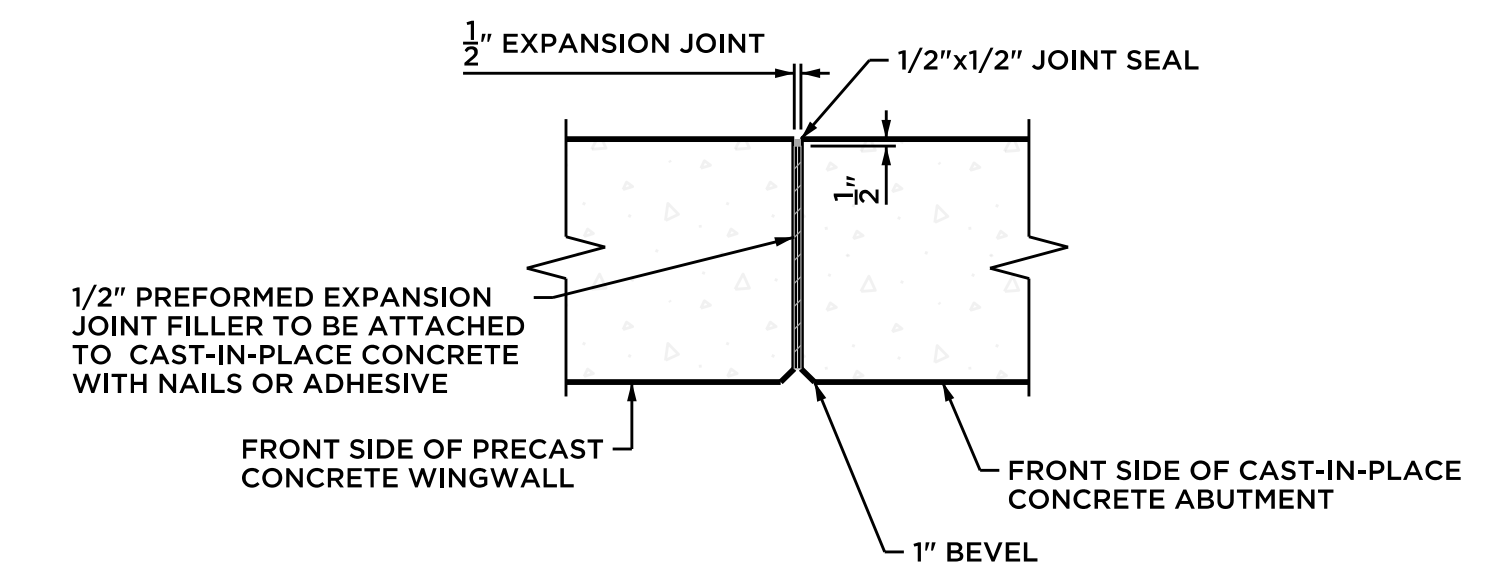
- LEGEND**
- VERTICAL PILE
  - BATTERED PILE (6H:1V)
- PILE NOTES:**
- PRIOR TO INSTALLATION OF THE HELICAL PILES, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW AND APPROVAL HIS DESIGN, METHOD AND SEQUENCE OF PILE INSTALLATION.
  - THE CONTRACTOR SHALL UTILIZE ACTUAL LOADS FROM THE SELECTED PEDESTRIAN BRIDGE MANUFACTURER TO CALCULATE PILE LOADS. PRELIMINARY LOAD VALUES PROVIDED BELOW ARE SUBJECT TO UPDATE UPON THE CONTRACTOR'S SELECTION OF THE BRIDGE MANUFACTURER.
  - PILE MATERIAL:  
PILE LEAD SECTIONS RS2875.276 TRIPLE HELIX (10/12/14)  
PILE EXTENSIONS RS2875.276 (5', 7', AND 10' LENGTHS)  
HARDENED PILE TIP CARBIDE ROCK-IT TIP
  - INSTALLATION REQUIREMENTS:  
TORQUE RATIO: 9 FT  
MINIMUM REQ. INSTALLATION TORQUE 5,600 FT-LBS  
MAXIMUM INSTALLATION TORQUE 7,000 FT-LBS (NOT TO BE EXCEEDED)
  - MAXIMUM DESIGN PILE LOAD = 21 KIPS (STRENGTH I)  
16.6 KIPS (SERVICE I)  
12.1 KIPS (EXTREME EVENT II)
- ALLOWABLE AXIAL COMPRESSION PILE CAPACITY = 25 KIPS  
ALLOWABLE AXIAL TENSION PILE CAPACITY = 10 KIPS  
ULTIMATE AXIAL COMPRESSION PILE CAPACITY = 50 KIPS



**HELICAL PILE SECTION**

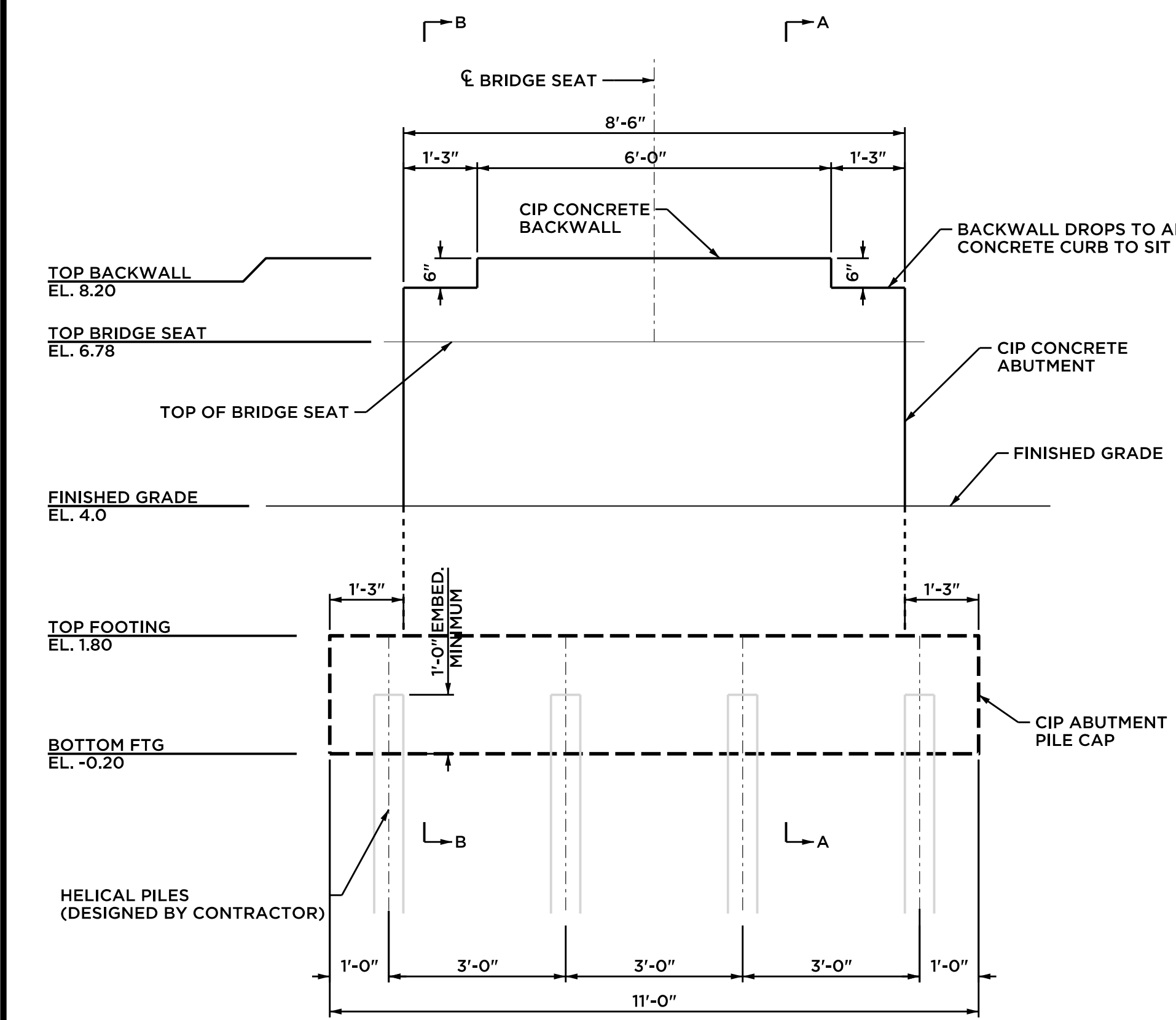
NOT TO SCALE

NOTE: SEE SPECIAL PROVISION FOR DETAILS



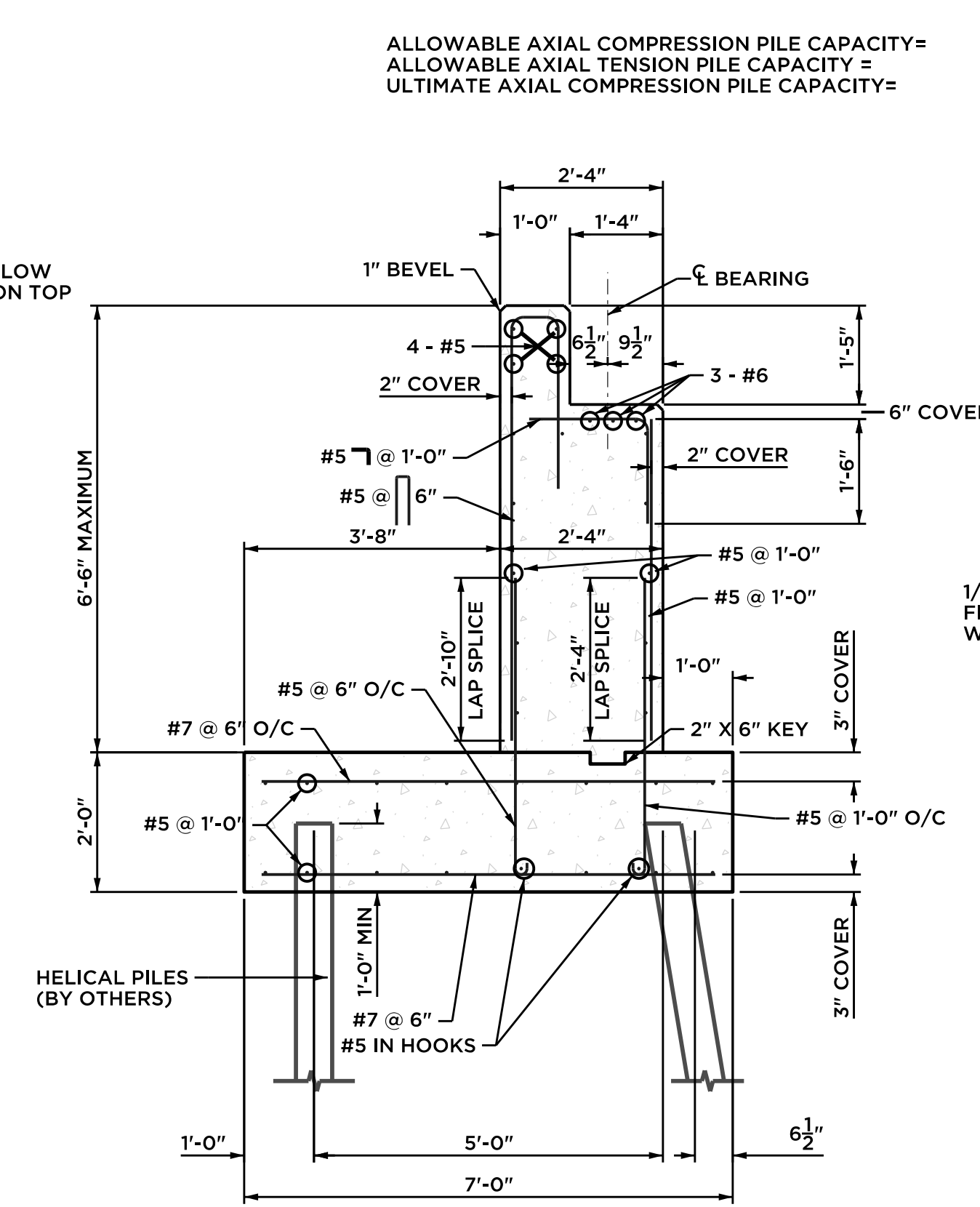
**VERTICAL JOINT BETWEEN WALLS**

NOT TO SCALE



**TYPICAL ABUTMENT ELEVATION**

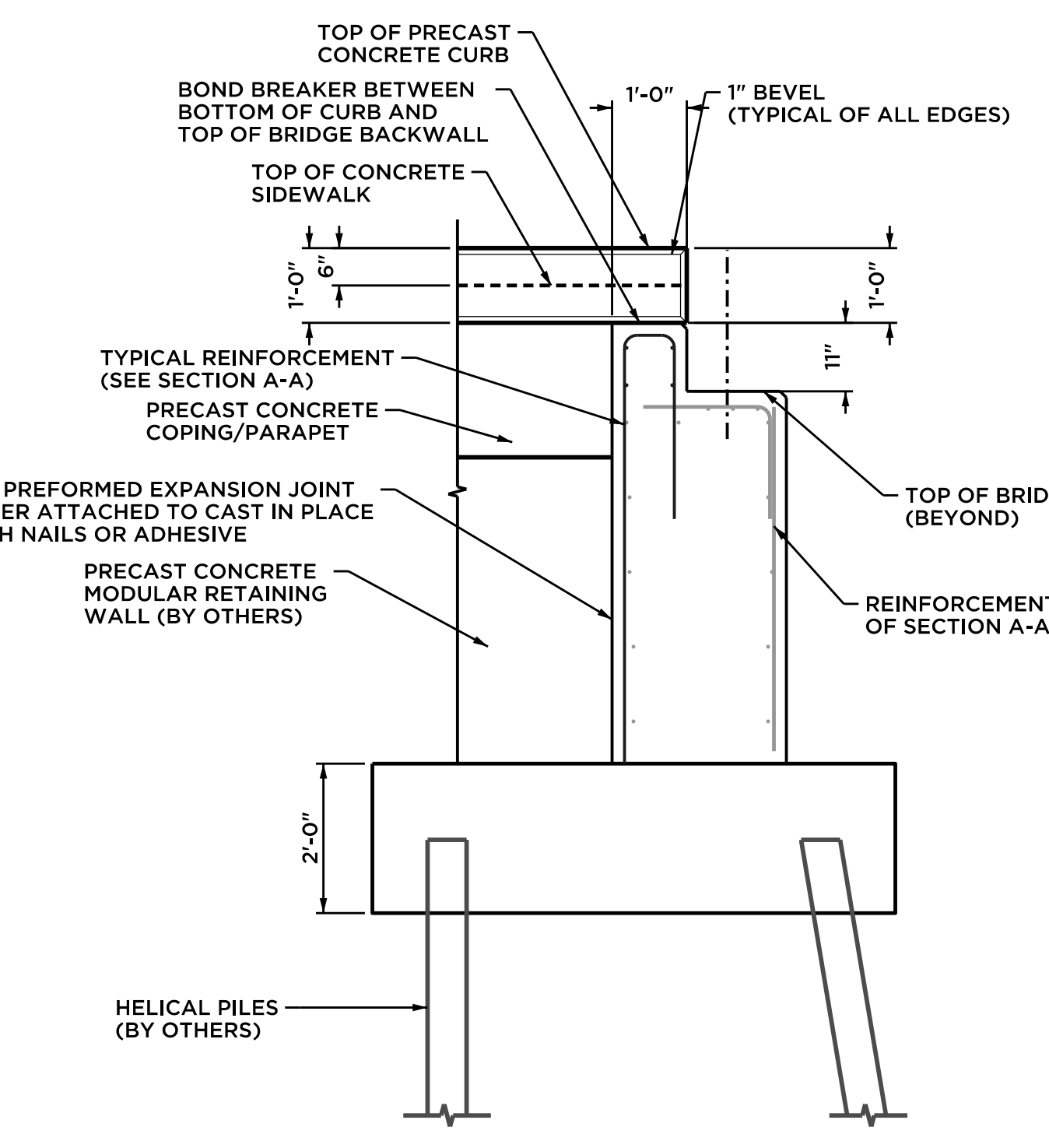
SCALE: 1/2" = 1'-0"



**SECTION A-A ABUTMENT REINFORCEMENT**

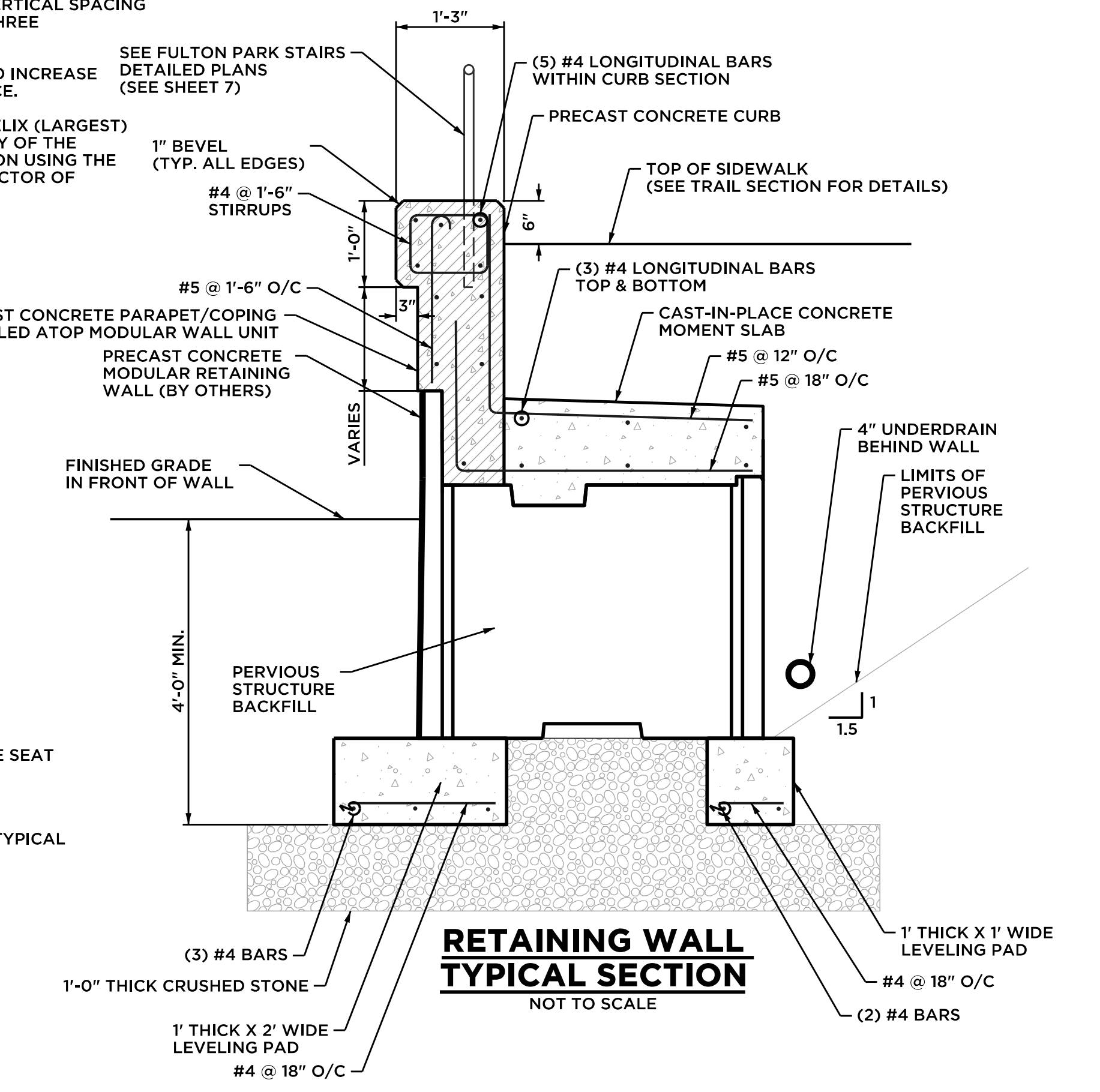
SCALE: 1/2" = 1'-0"

NOTE: DIMENSIONS OF BRIDGE BEARING LAYOUT SHALL BE SUBMITTED TO ENGINEER FOR REVIEW. THE BRIDGE SEAT DESIGN MAY NEED TO BE ALTERED TO ACCOMMODATE THE CHOSEN BRIDGE SYSTEM.



**SECTION B-B TYPICAL SECTION**

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



**RETAINING WALL TYPICAL SECTION**

NOT TO SCALE

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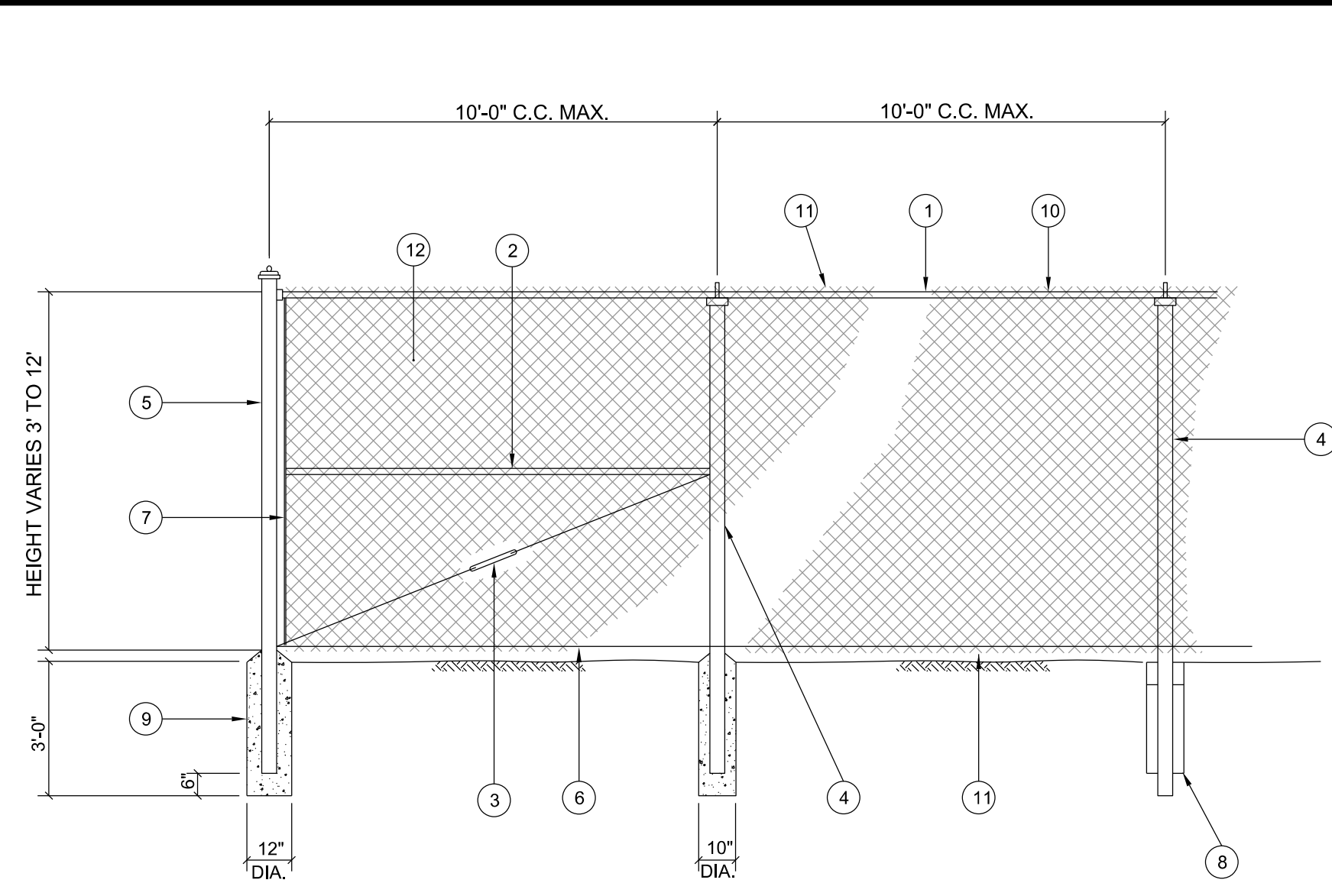
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Fax: (860) 633-5971  
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PROJ. ENGINEER KBF  
PROJ. MANAGER KRG  
OFFICE REVIEW KRG

**BRIGGS BROOK & FULTON PARK IMPROVEMENTS**  
PREPARED FOR THE CITY OF NEW LONDON  
**FOUNDATION & HELICAL PILE PLAN**  
STATE PIER ROAD & CRYSTAL AVENUE NEW LONDON, CT

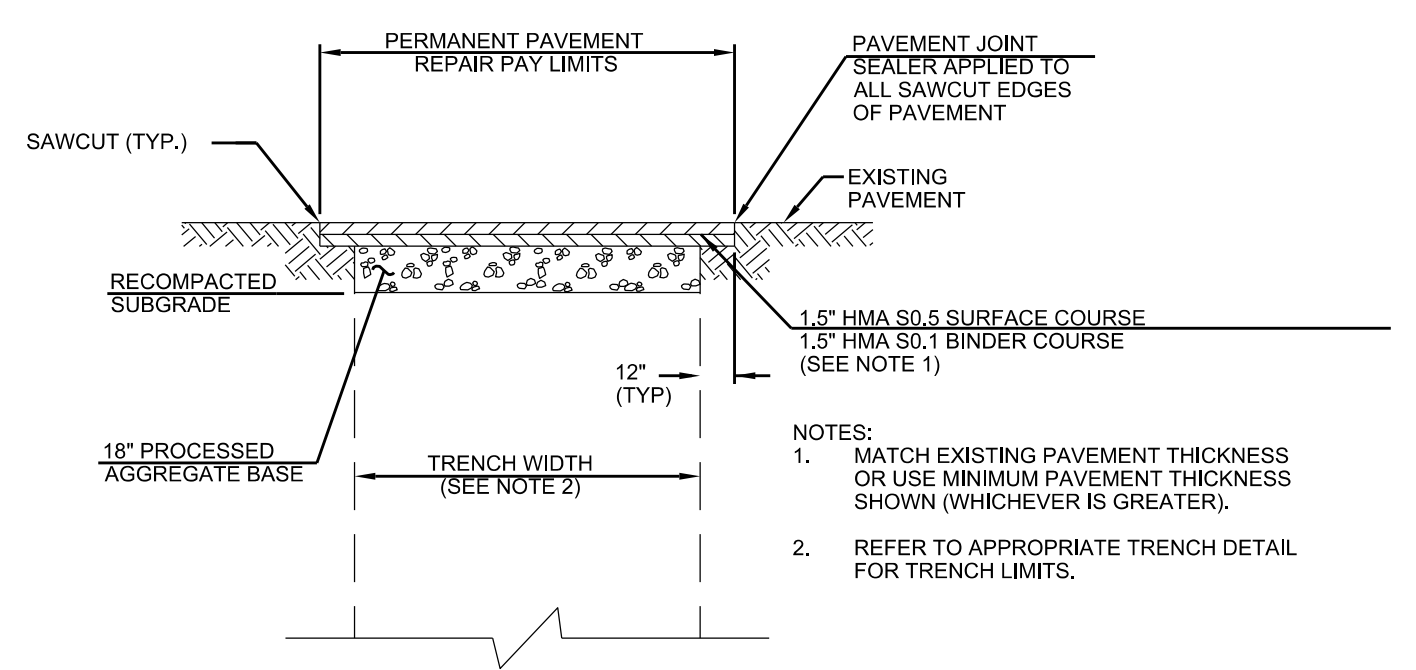
REVISIONS	
11/19/24	

PROJECT	DATE	SHEET NO.	9	OF	12
SCALE: AS NOTED	3214.013	10/15/24			



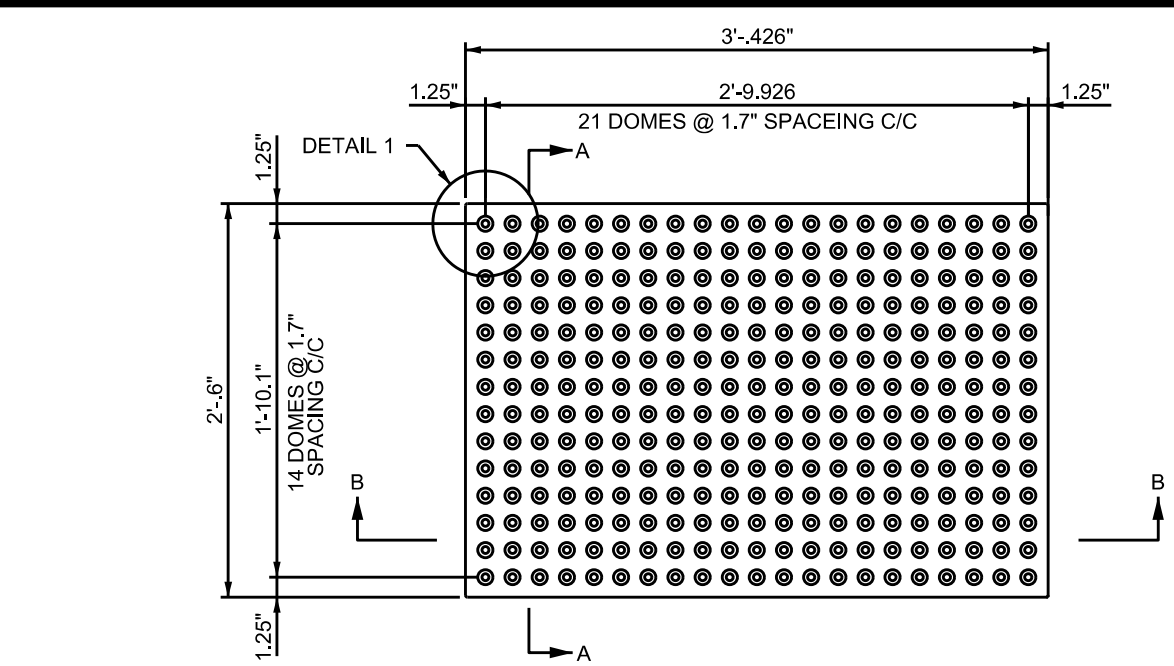
- NOTES:**
- 1 5/8" O.D. TOP RAIL ATTACH TO THE C.L. FABRIC WITH 9 GAUGE WIRE CLIP EVERY 24"
  - 1 5/8" O.D. BRACE RAIL FENCES OVER 6 FEET FEET HIGH AND ALL FENCES WITHOUT TOP RAIL
  - 5/16" TRUSS ROD AND TURNBUCKLE
  - INTERMEDIATE POST FENCE HEIGHT SQUARE POST ROUND POST OVER 6 FEET 1 7/8" 2" 2 1/2" ATTACH TO C.L. FABRIC WITH CLIPS EVERY 15"
  - END OR CORNER POST FENCE HEIGHT SQUARE POST ROUND POST OVER 6 FEET 2 1/2" 3"
  - 6 GAUGE BOTTOM TENSION WIRE ATTACH TO C.L. FABRIC WITH HOG RING AT 24" C.C.
  - TENSION ROD ATTACHED TO END OR CORNER POST
  - CONCRETE FOOTING 36" DEEP WITH 12" DIA. AT END POST AND 10" DIA. AT INTERMEDIATE POST. HOLE CORE IN UNDISTURBED OR COMPACTED SOIL. (SEE FOOTING DESIGN NOTE)
  - 6 GAUGE TENSION WIRE WHEN TOP RAIL IS NOT USED.
  - FABRIC SELVAGE UNDER 6 FEET SHALL BE KNUCKLED TOP AND BOTTOM 6 FEET AND OVER SHALL BE KNUCKLED BOTTOM AND TWISTED ON THE TOP RECREATIONAL FENCING, REGARDLESS OF HEIGHT, SHALL BE KNUCKLED TOP AND BOTTOM
  - 9 GAUGE 2" WIRE MESH FABRIC

**CHAIN LINK FENCE**  
NOT TO SCALE

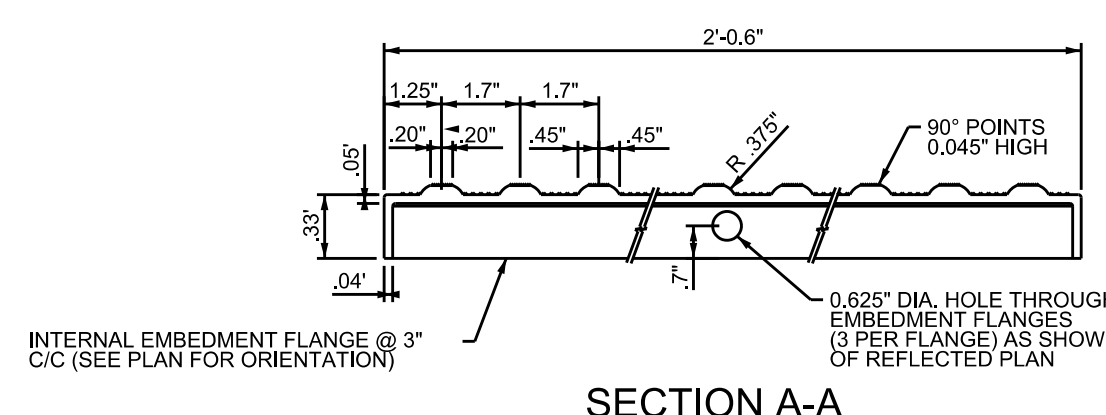


**PAVEMENT REPAIR**  
NOT TO SCALE

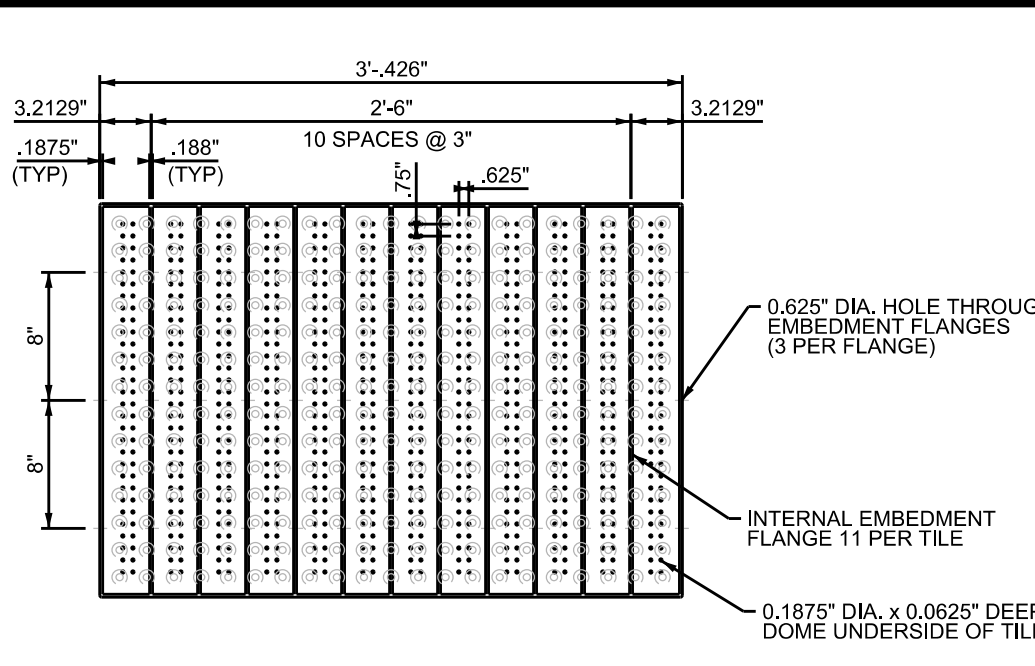
- NOTES:**
- MATCH EXISTING PAVEMENT THICKNESS OR USE MINIMUM PAVEMENT THICKNESS SHOWN (WHICHEVER IS GREATER).
  - REFER TO APPROPRIATE TRENCH DETAIL FOR TRENCH LIMITS.



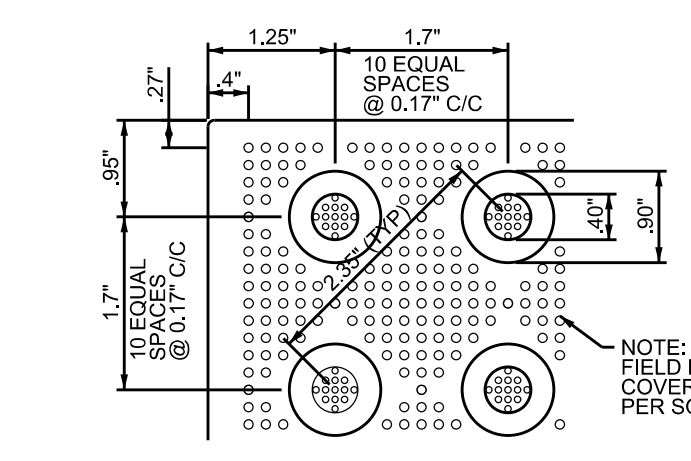
**PLAN - TILE**



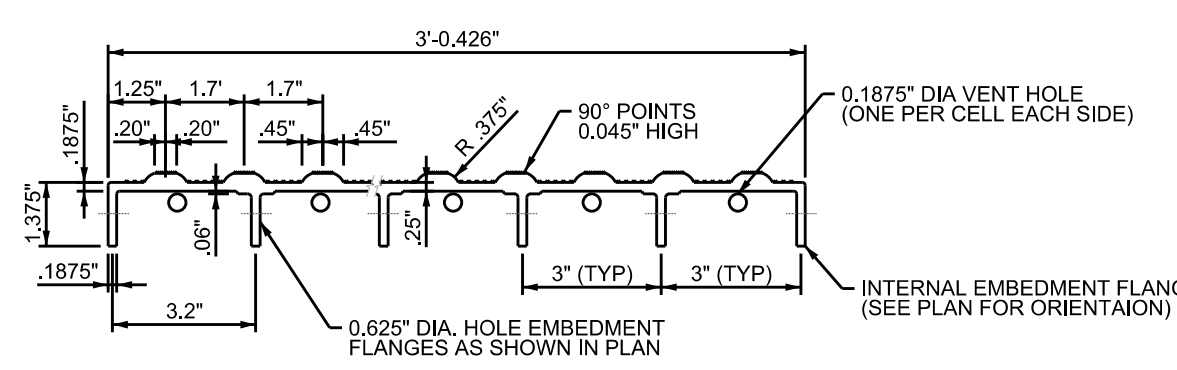
**SECTION A-A**



**REFLECTED PLAN - TILE**

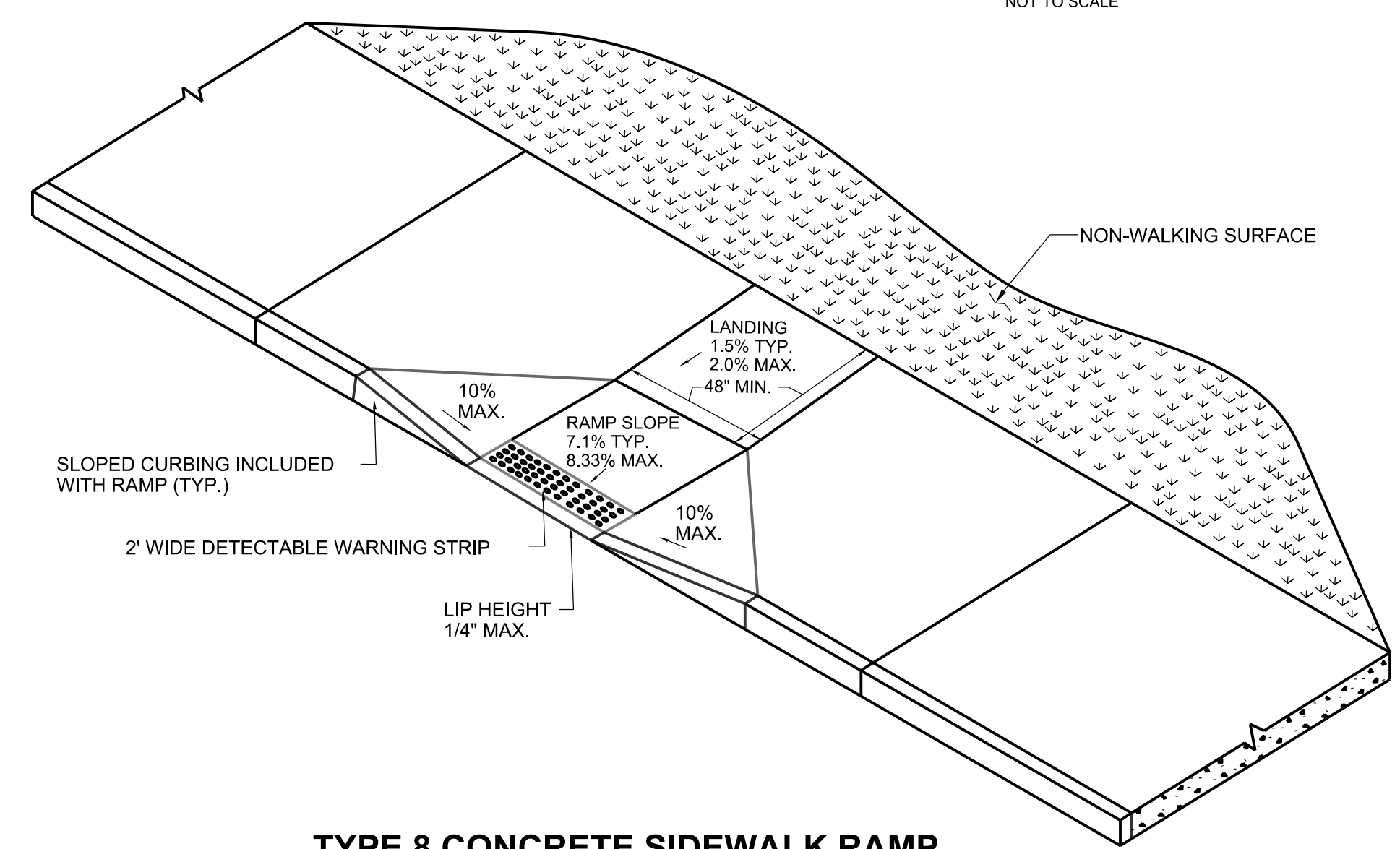


**DETAIL 1**

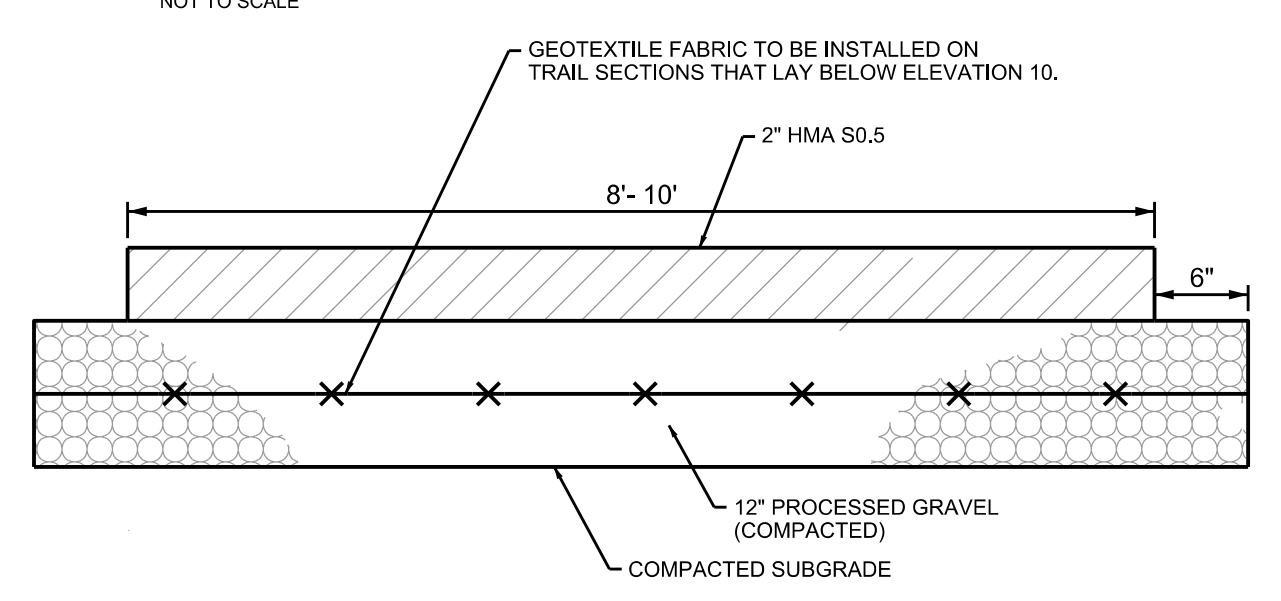


**SECTION B-B**

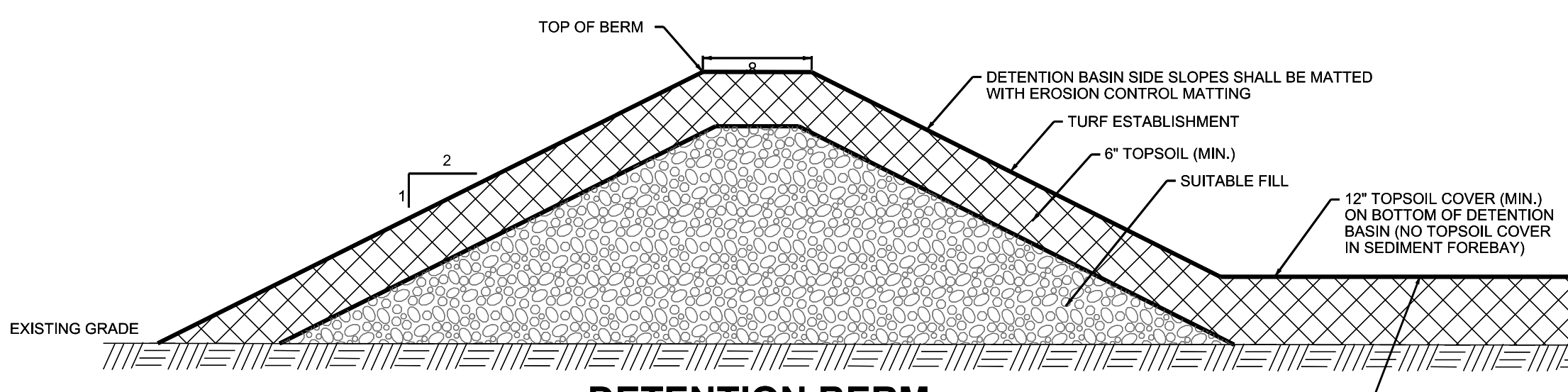
**DETECTABLE WARNING SURFACE**  
NOT TO SCALE



**TYPE 8 CONCRETE SIDEWALK RAMP**  
NOT TO SCALE

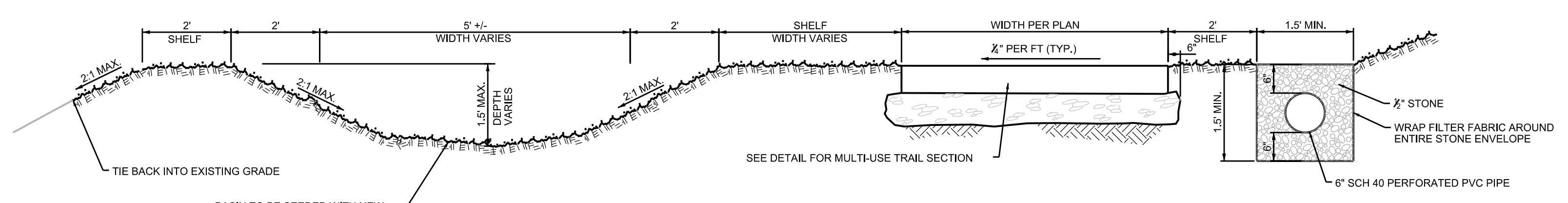


**BITUMINOUS MULTI - USE TRAIL**  
NOT TO SCALE

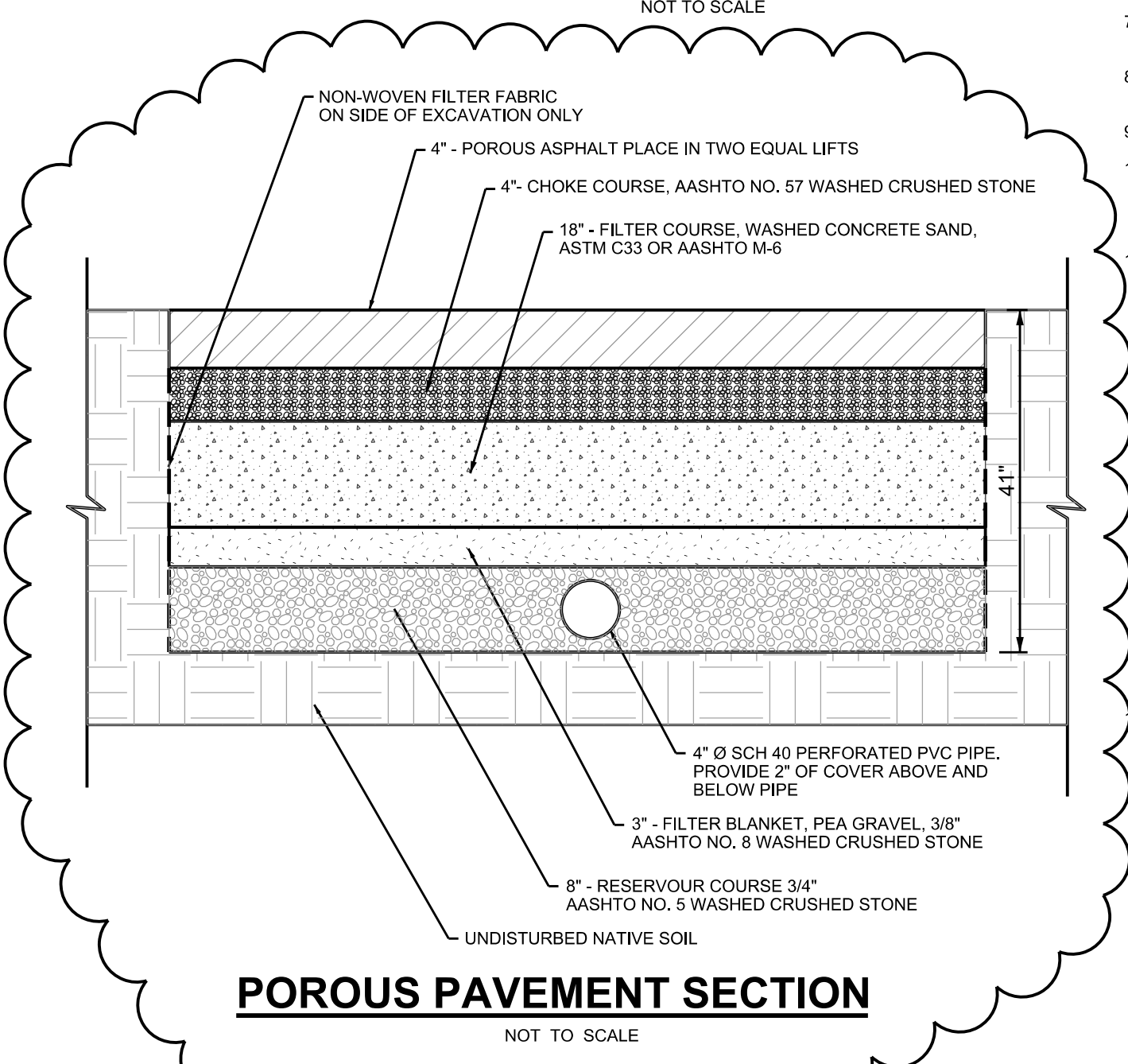


**DETECTION BERM**  
NOT TO SCALE

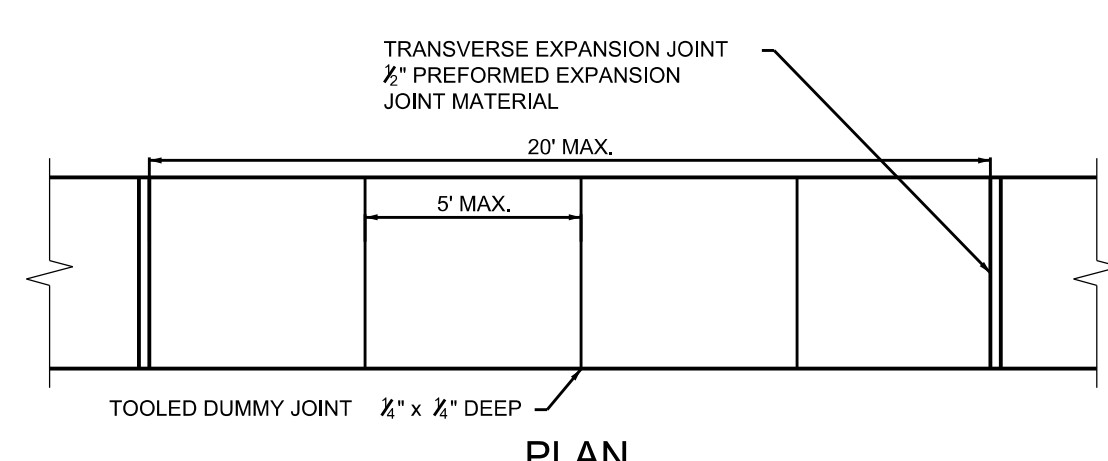
BASIN TO BE SEEDDED WITH NEW ENGLAND WETMIX (WETLAND SEED MIX)



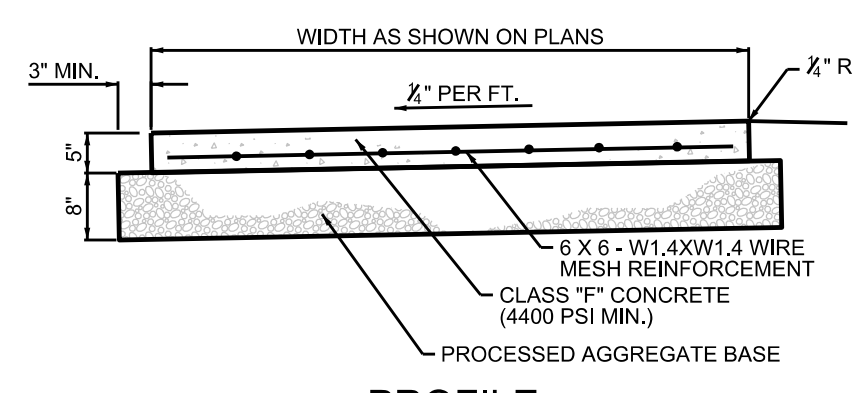
**MULTI-USE TRAIL SECTION DETAIL**  
NOT TO SCALE



**POROUS PAVEMENT SECTION**  
NOT TO SCALE

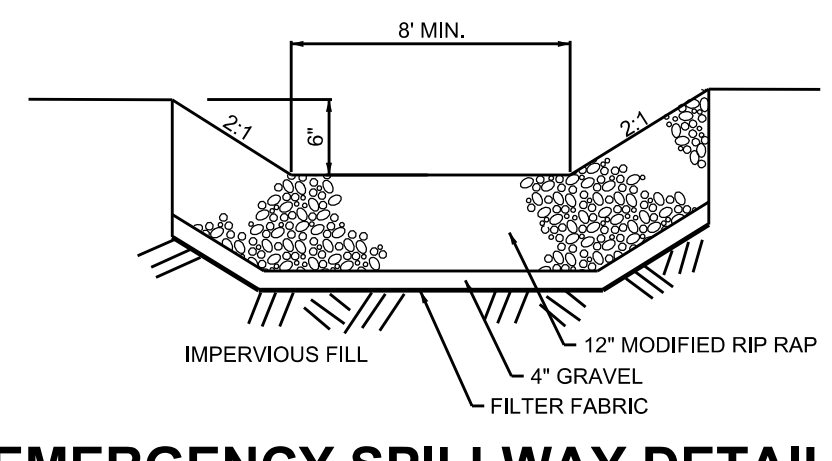


**PLAN**



**PROFILE**

**CONCRETE SIDEWALK**  
NOT TO SCALE



**EMERGENCY SPILLWAY DETAIL**  
NOT TO SCALE

**EROSION & SEDIMENTATION CONTROL PLAN:**

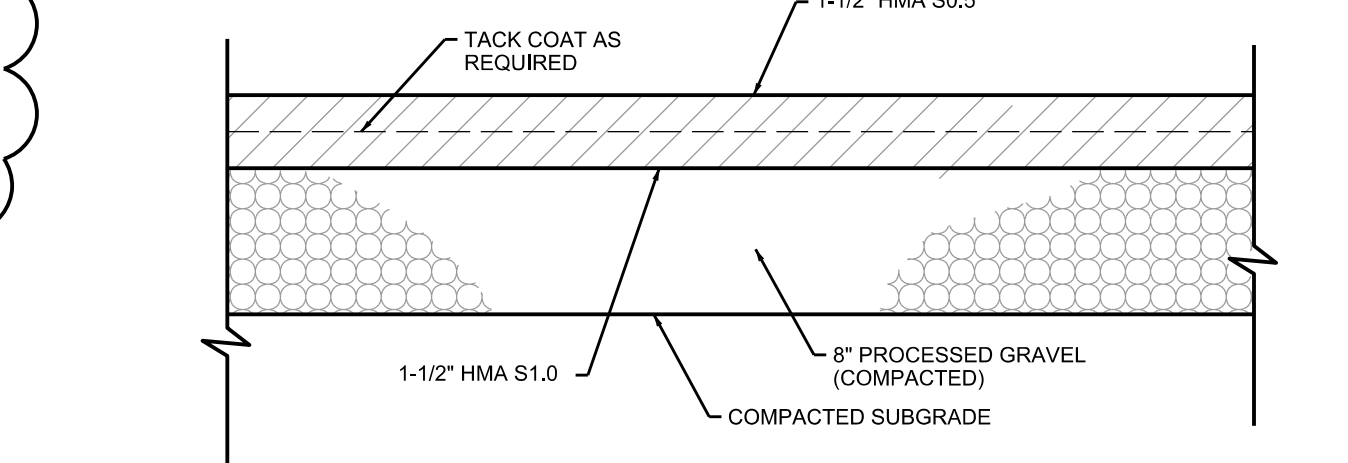
- ALL EROSION AND CONTROL MEASURES WILL BE INSTALLED AT THE PROJECT SITE PRIOR TO CONSTRUCTION WHEREEVER POSSIBLE.
- AN ANTI-TRACKING APRON WILL BE INSTALLED AT THE ENTRANCE TO THE CONSTRUCTION SITE IN ORDER TO PREVENT THE TRANSPORT OF SEDIMENTS OFF THE CONSTRUCTION SITE BY TRUCK AND CONSTRUCTION EQUIPMENT TRAFFIC.
- AN EROSION CONTROL SYSTEM SHALL BE INSTALLED AROUND ALL ON-SITE STOCKPILES OF SOIL.
- DUST CONTROL MEASURES SHALL BE APPLIED THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- DUST CONTROL MEASURES WILL BE APPLIED DURING THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED, AS REQUIRED BY FIELD CONDITIONS.
- TEMPORARY SEDIMENT TRAPS WILL BE INSTALLED AS NECESSARY DURING CONSTRUCTION ACTIVITIES. ALL TEMPORARY STORMWATER DISCHARGE WILL BE DIRECTED TO THESE TRAPS.

**EROSION & SEDIMENTATION CONTROL NOTES:**

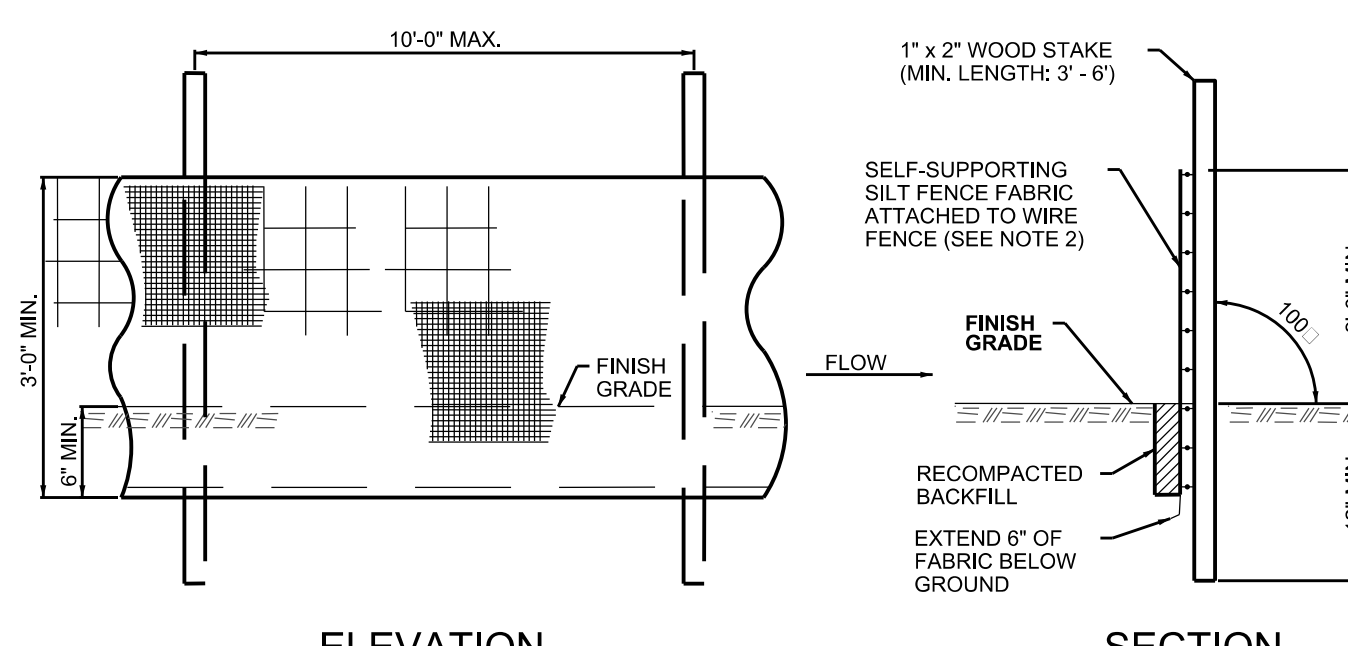
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE TOWN PRIOR TO CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 'CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL', DATED 2002, AS AMENDED AND THE TOWN REGULATIONS.
- ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED OR REPLACED BY THE CONTRACTOR DURING THE CONSTRUCTION PERIOD AS NECESSARY OR AS REQUIRED BY THE ENGINEER OR TOWN.
- ALL ON-SITE EROSION AND SEDIMENT CONTROLS ARE REQUIRED TO BE INSPECTED WITHIN 24-HOURS AFTER A RAIN EVENT OF AT LEAST A HALF-INCH, AND MAINTAINED, REPLACED OR INCREASED AS REQUIRED BY SPECIFIC FIELD CONDITIONS.
- SEDIMENT REMOVED FROM ANY CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
- ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY OR REQUIRED BY THE ENGINEER OR TOWN.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENTATION CONTROL DEVICES AS SHOWN ON THESE PLANS OR AS ORDERED BY THE ENGINEER.
- ALL DISTURBED AREAS ARE TO BE RAKED, SEEDED AND FERTILIZED PER 'TURF ESTABLISHMENT' SPECIFICATION IN CTDOT 818, AT THE COMPLETION OF PROJECT.
- AREAS OUTSIDE OF PAVED AREAS, WALKS, AND BUILDINGS ARE TO RECEIVE A MINIMUM 4" OF TOPSOIL.
- THE FOLLOWING DATES FOR SEEDING SHALL BE USED:  
SPRING: APRIL 15 TO JUNE 15  
FALL: AUGUST 15 TO SEPTEMBER 15
- THE FOLLOWING GRASS SEED MIXTURES SHALL BE APPLIED AT A RATE NO LESS THAN 100 LBS. PER ACRE:

SPECIES	PROPORTION BY WEIGHT (POUNDS)	MINIMUM PURITY (PERCENT)	MINIMUM GERMINATION (PERCENT)
VELVET BENTGRASS, (AGROSTIS CANINA)	25	96	85
RED FESCUE (FESTUCA RUBRA L. SSP. RUBRA)	35	97	80
PARTRIDGE PEA (CHAMAECRISTA FASCICULATA)	10	95	90
INDIAN GRASS (SORGHASTRUM NUTANS)	15	95	90
CANADA WILDRYE (ELYMUS CANADENSIS)	5	95	90
KENTUCKY BLUE GRASS (POA PRATENSIS)	10	95	90

- TEMPORARY GRASS SEEDING, IF NECESSARY, SHALL BE PERENNIAL RYE GRASS (LOLIUM PERENNE) APPLIED AT A RATE OF 100 LBS. PER ACRE.



**BITUMINOUS PAVEMENT**  
NOT TO SCALE



**ELEVATION**

**SECTION**

- NOTES:**
- INSTALL SILT FENCE & WOOD STAKES AS RECOMMENDED BY MANUFACTURER.
  - SILT FENCE SUBJECT TO HEAVY LOADS SHALL BE REINFORCED WITH FARM FENCING & STEEL POSTS (1.5" # 4 STEEL). THE MINIMUM POST LENGTH SHALL BE 5'-0".
  - SILT FENCE FABRIC SHALL BE A PERMANENT SHEET OF WOVEN PROPYLENE, NYLON, POLYESTER OR POLYETHYLENE FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER.

**SILT FENCE**  
NOT TO SCALE

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PROJ. ENGINEER: MJP  
PROJ. MANAGER: KRG  
OFFICE REVIEW: KRG

REVISIONS:  
11/19/24

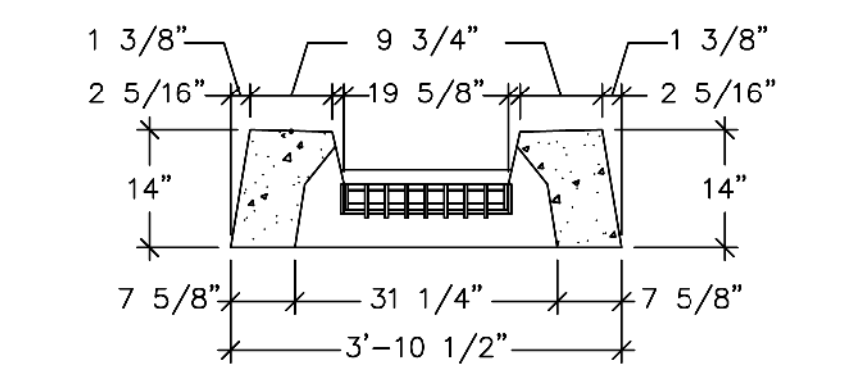
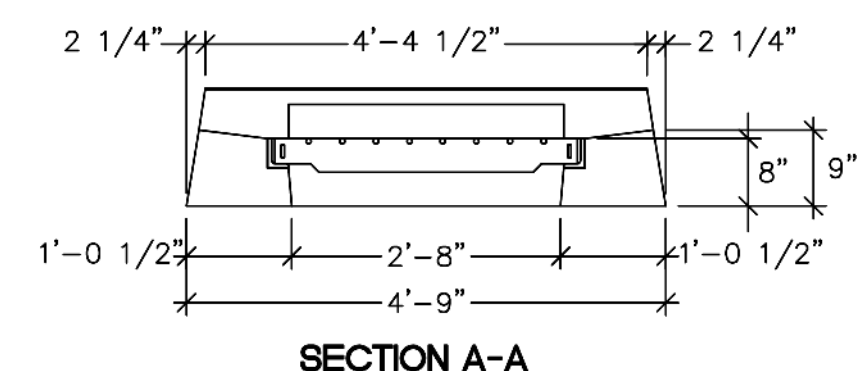
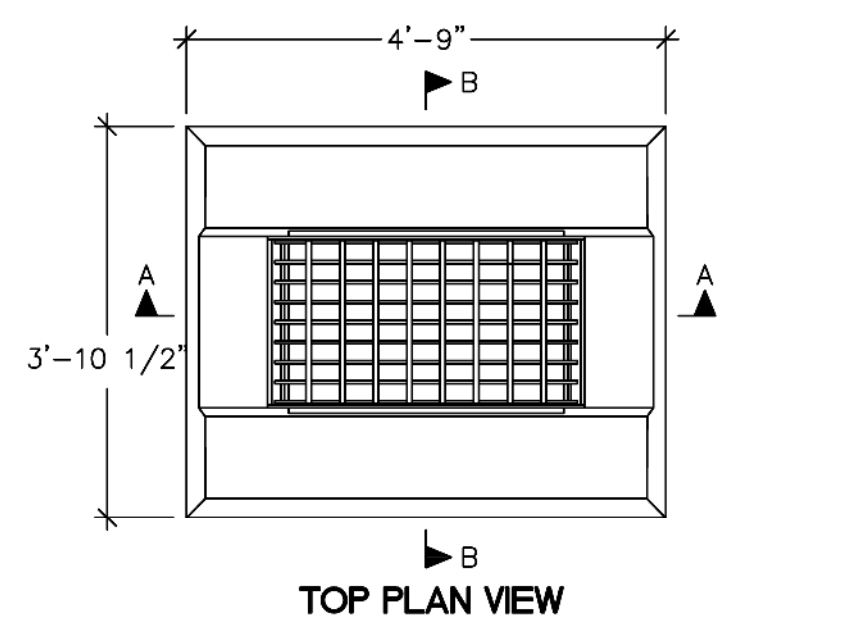
SCALE: AS NOTED

PROJECT: 3214.013  
DATE: 10/15/24

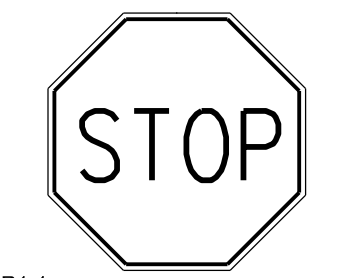
41 Sequin Drive  
Glastonbury, CT 06033  
Phone: (860) 633-8770  
Fax: (860) 633-5971  
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**BRIGGS BROOK & FULTON PARK IMPROVEMENTS**  
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SITE DEVELOPMENT DETAILS  
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SHEET NO. 10 OF 12



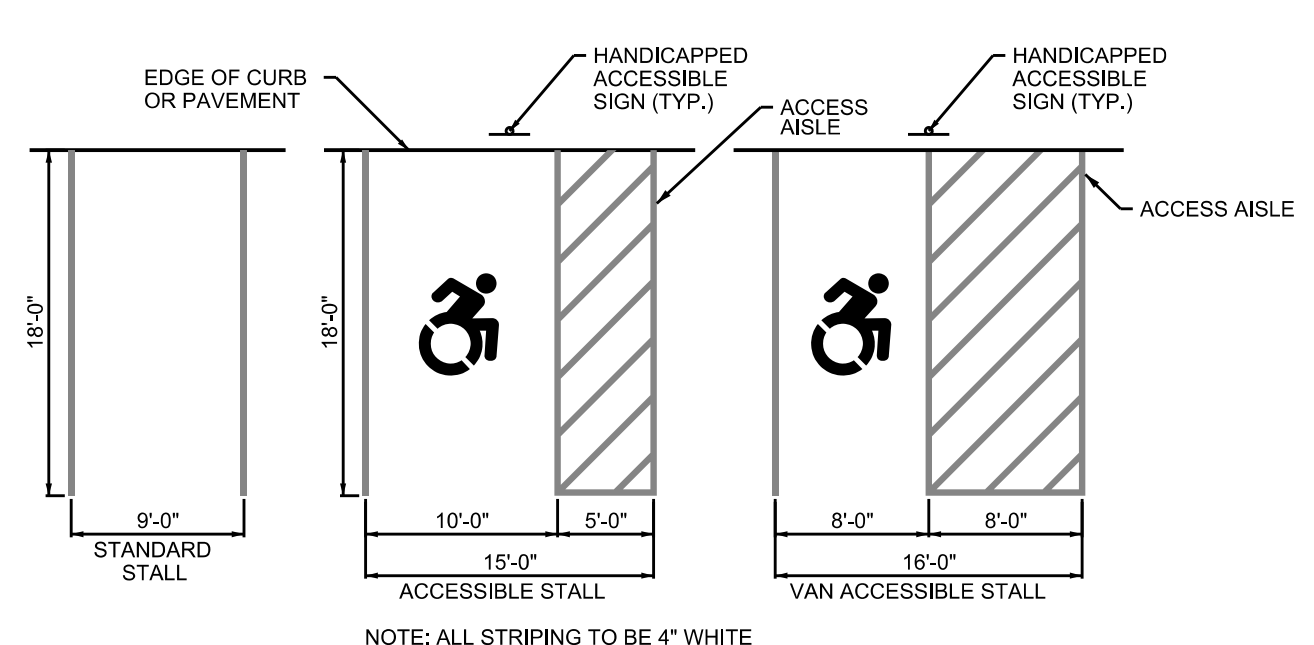
**TYPE "CG" CATCH BASIN TOP**  
NOT TO SCALE



**STOP SIGN**  
NOT TO SCALE

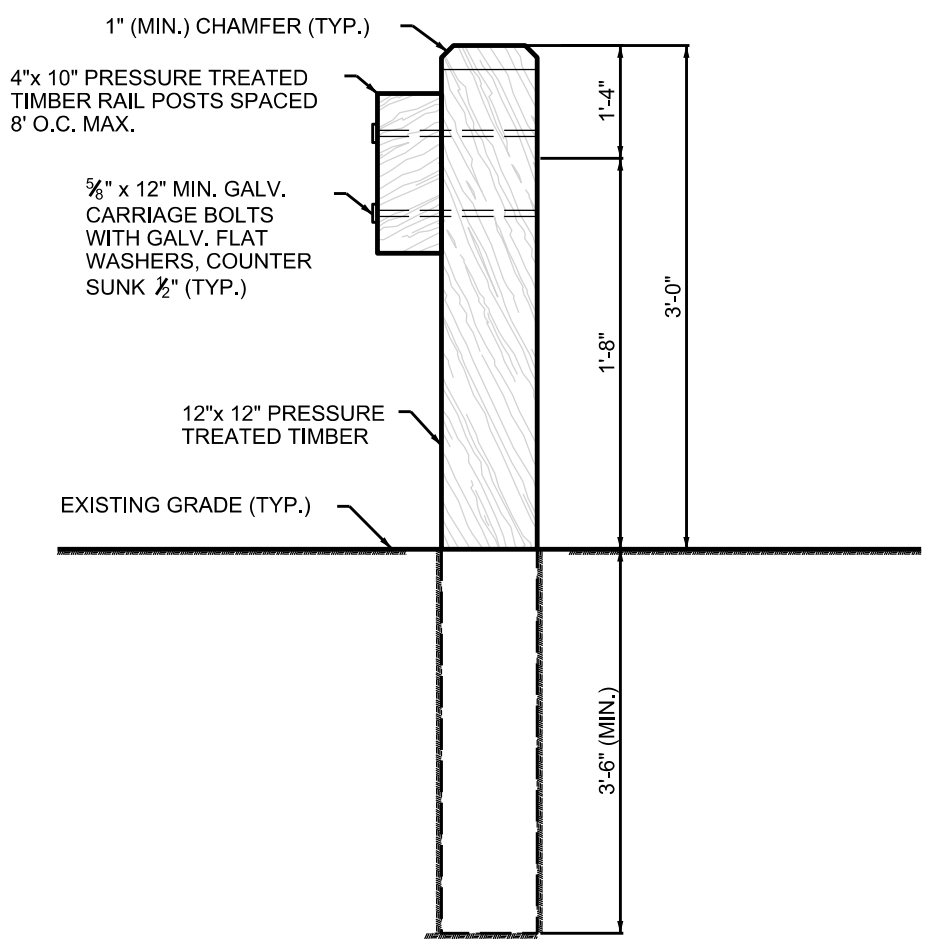


**HANDICAP SIGN**  
NOT TO SCALE

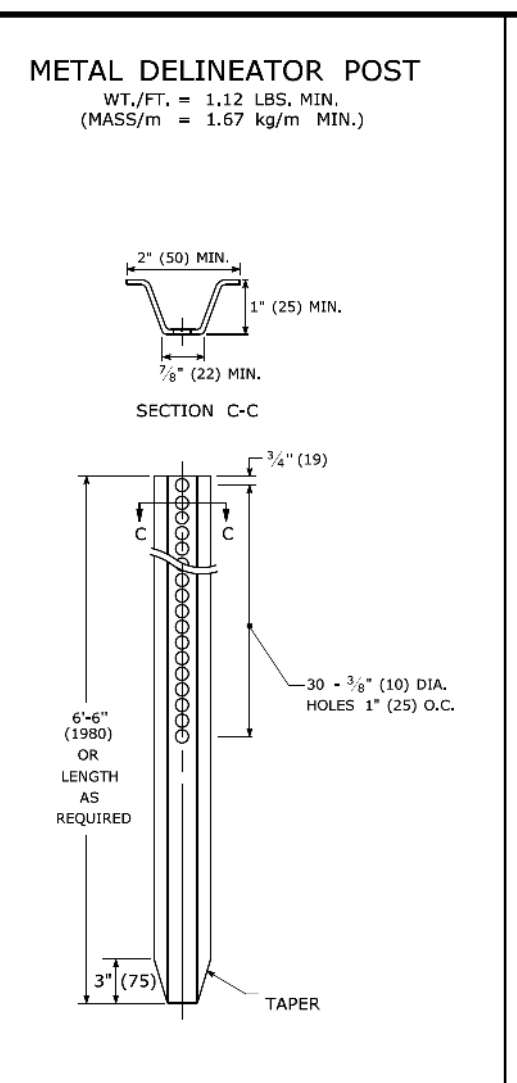
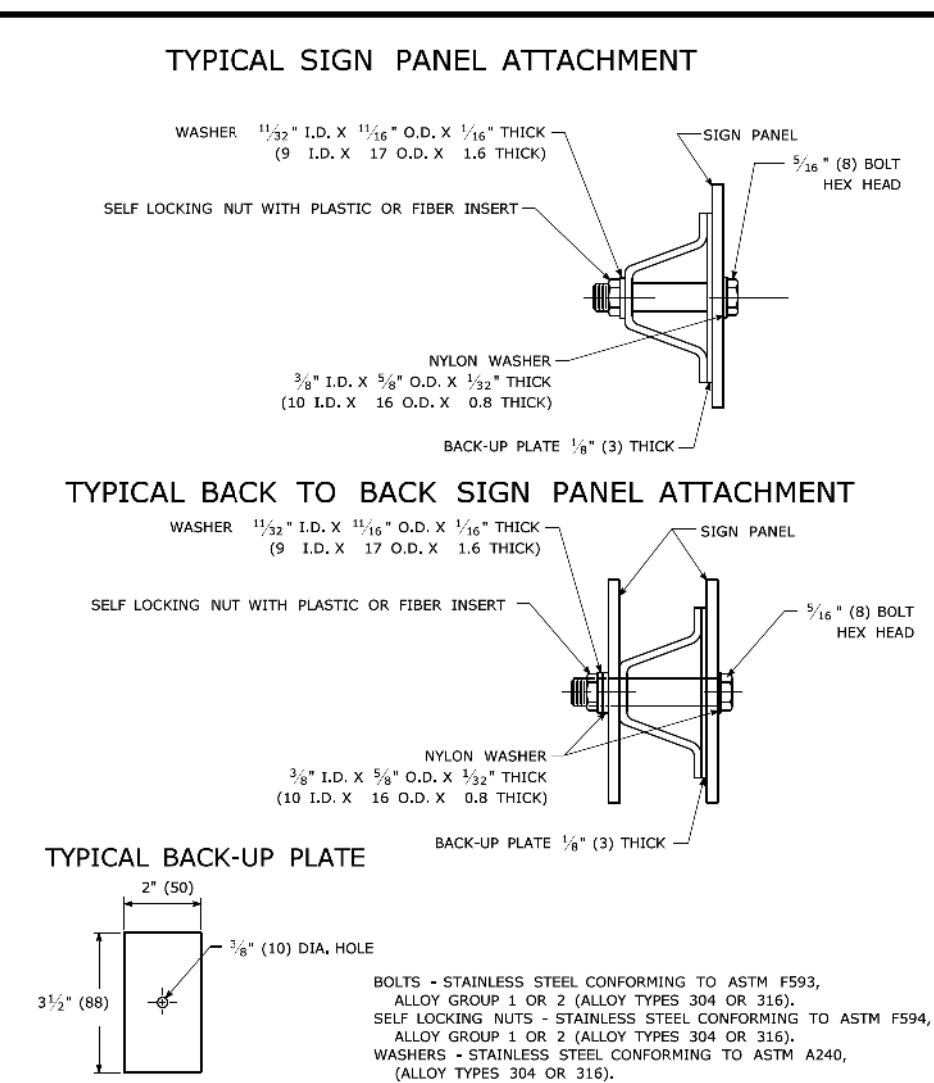
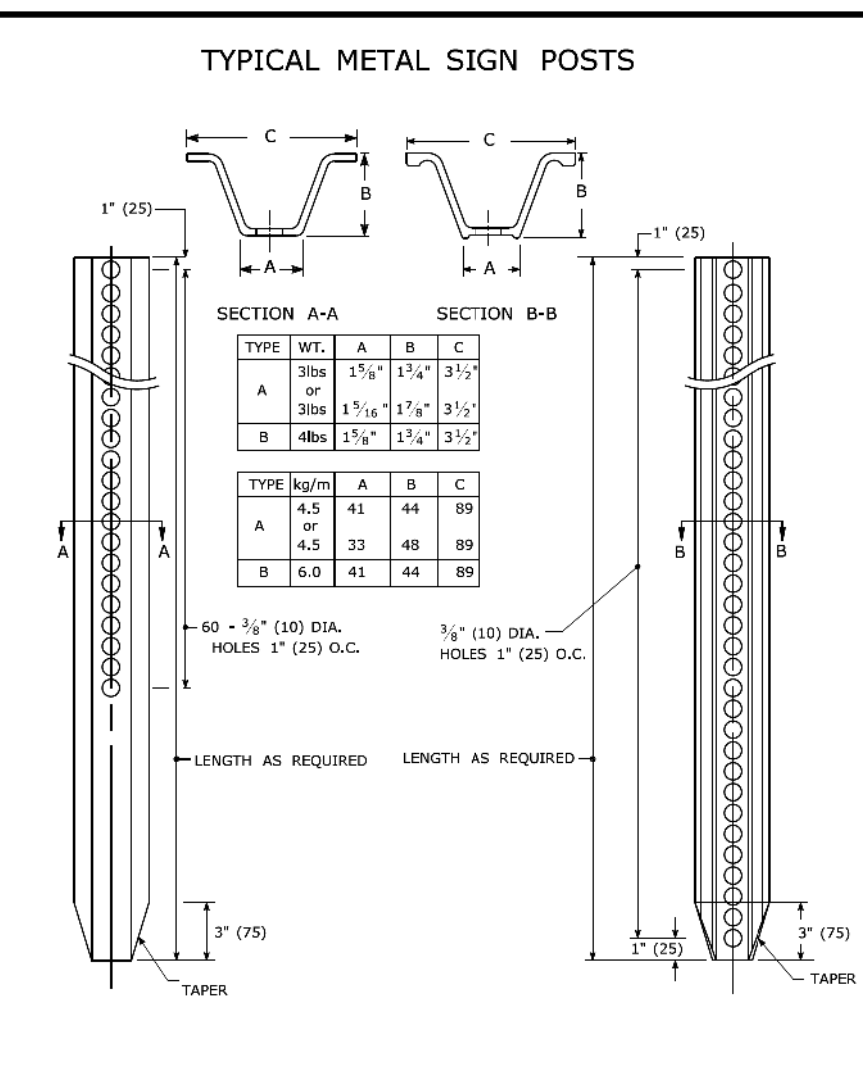


**PARKING STALL DETAILS**  
NOT TO SCALE

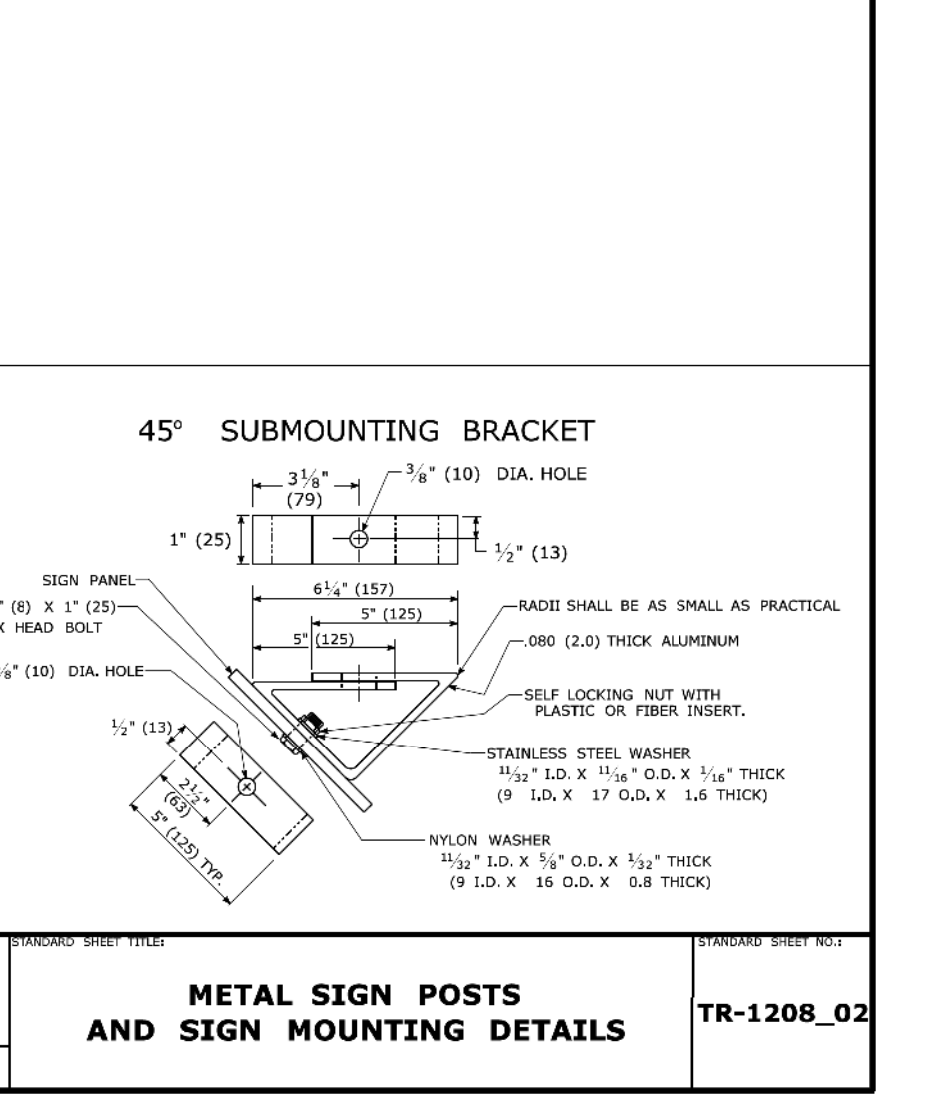
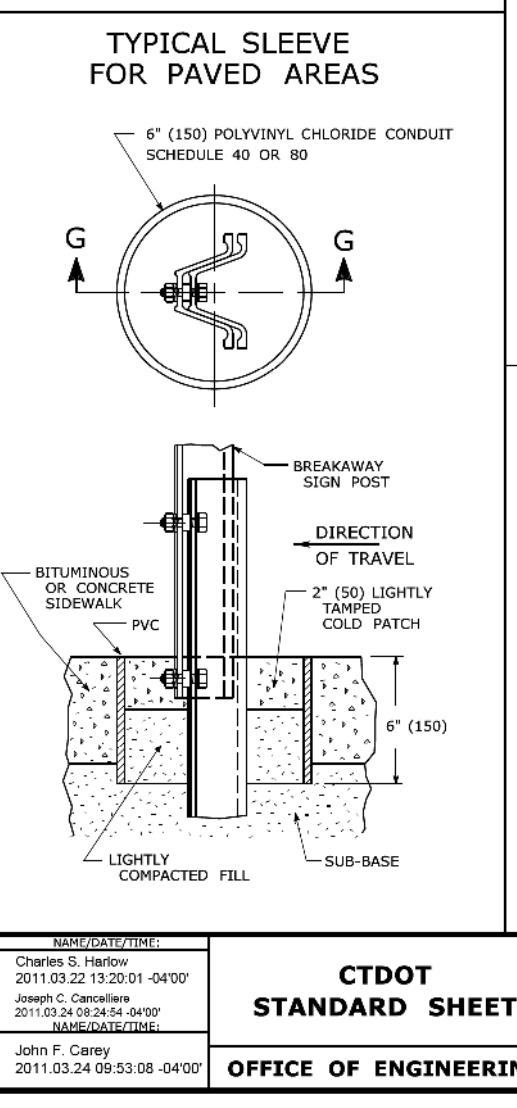
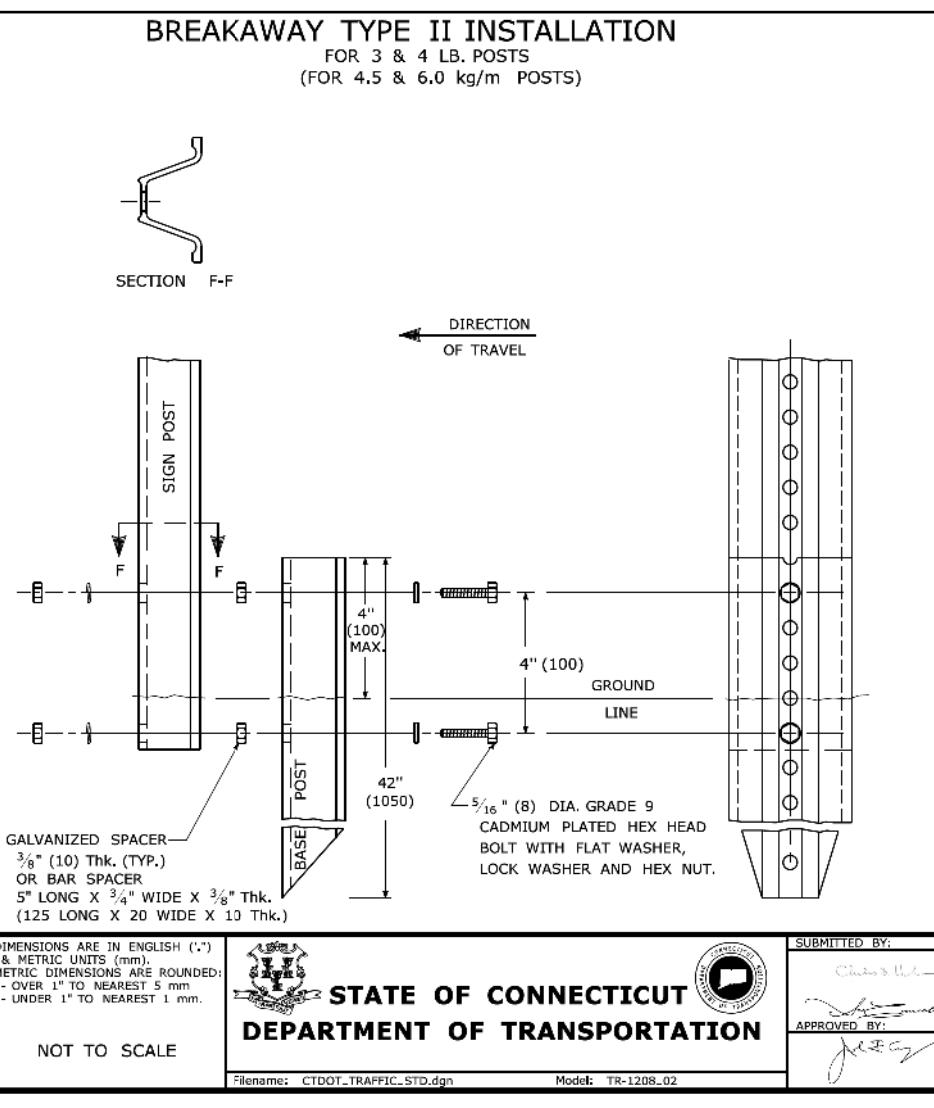
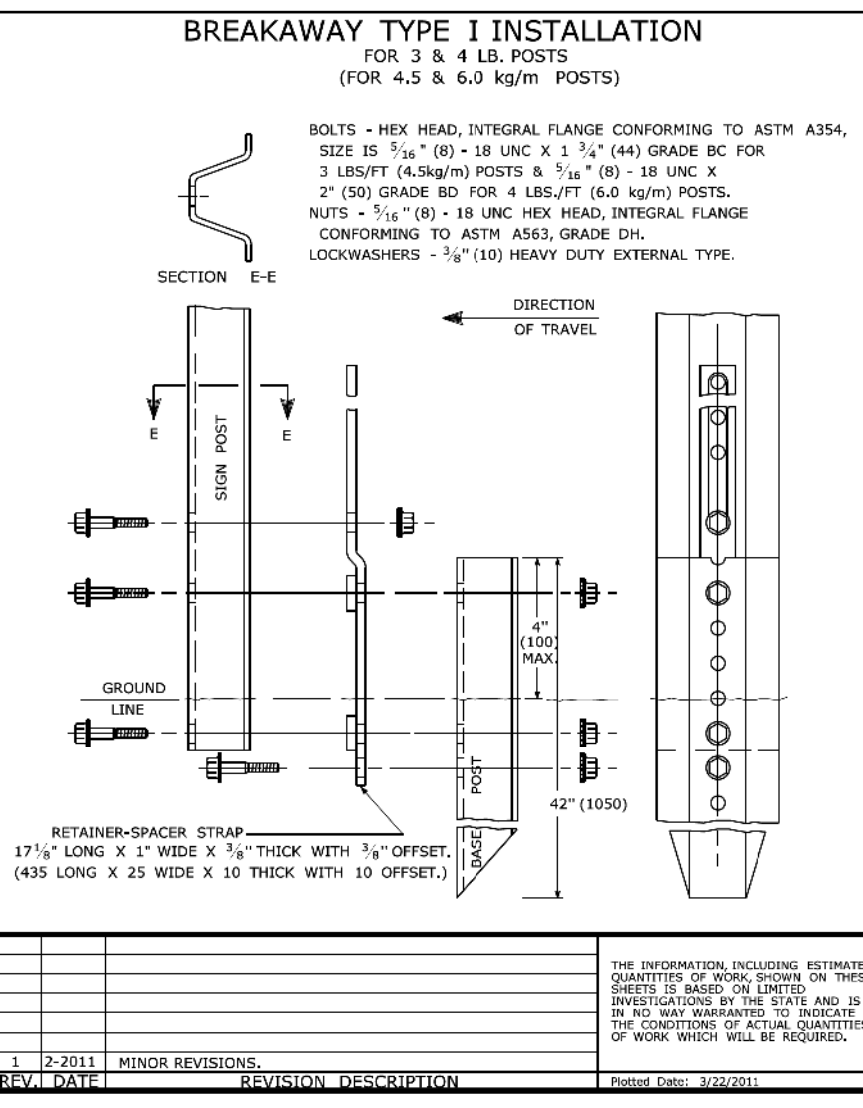
- GENERAL NOTES:
- ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE.
  - ACCESS AISLES (CROSS HATCH) SERVING CAR PARKING SPACES SHALL BE 60 INCHES (1525 mm) MINIMUM IN WIDTH. ACCESS AISLES SERVING VAN PARKING SPACES SHALL BE 96 INCHES (2440 mm) MINIMUM IN WIDTH. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. IF A CAR AND A VAN SPACE SHARE A COMMON ACCESS AISLE, THAT AISLE SHALL BE 96 INCHES MINIMUM IN WIDTH.
  - PARKING SPACES MAY HAVE ACCESS AISLES PLACED ON EITHER SIDE OF THE CAR OR VAN PARKING SPACE. VAN PARKING SPACES THAT ARE ANGLED SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACE.
  - ACCESSIBLE PARKING SPACES SHALL BE IDENTIFIED BY ABOVE GRADE SIGNS IN ACCORDANCE WITH DETAILS.



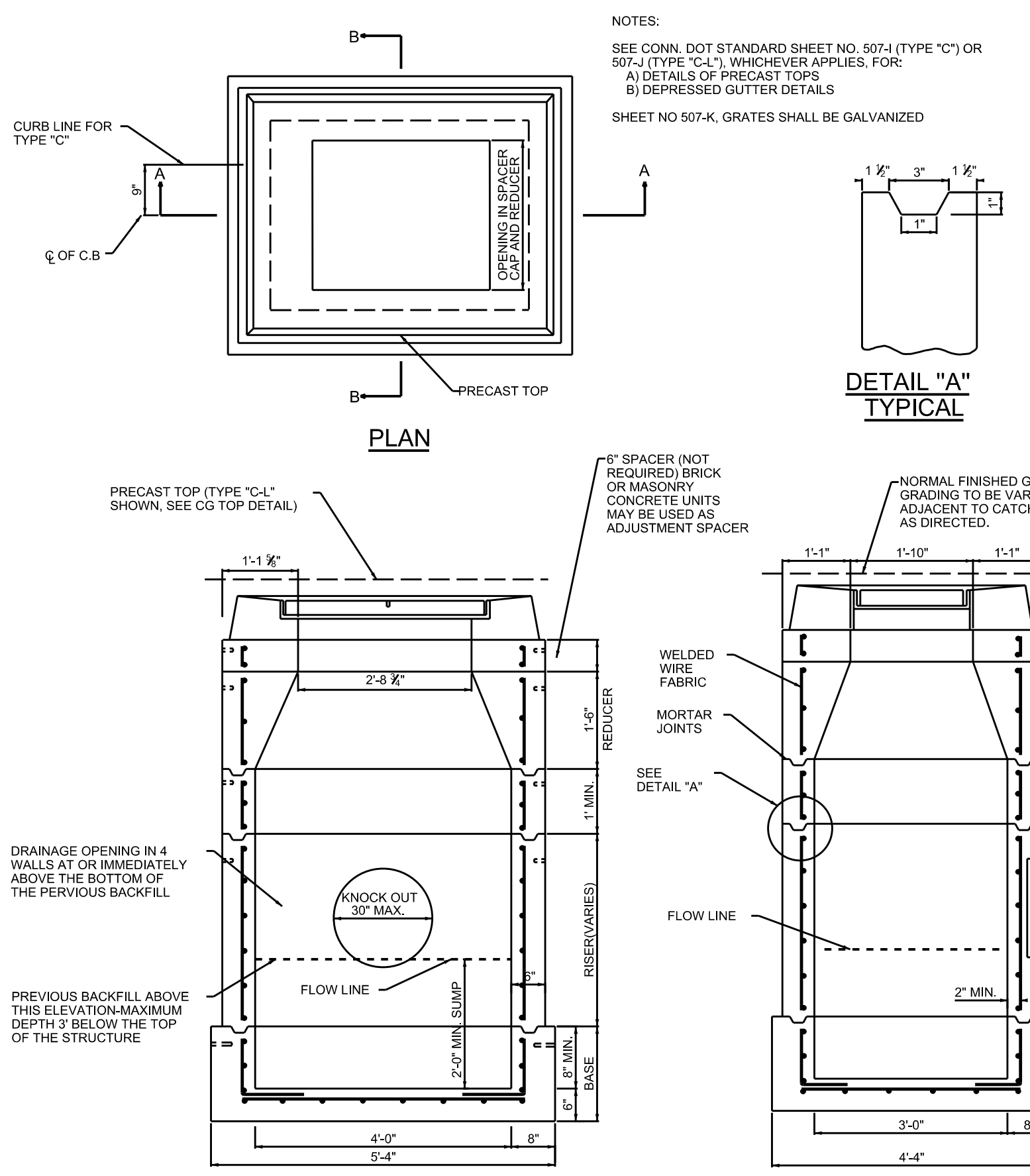
**TIMBER GUIDE RAIL**  
NOT TO SCALE



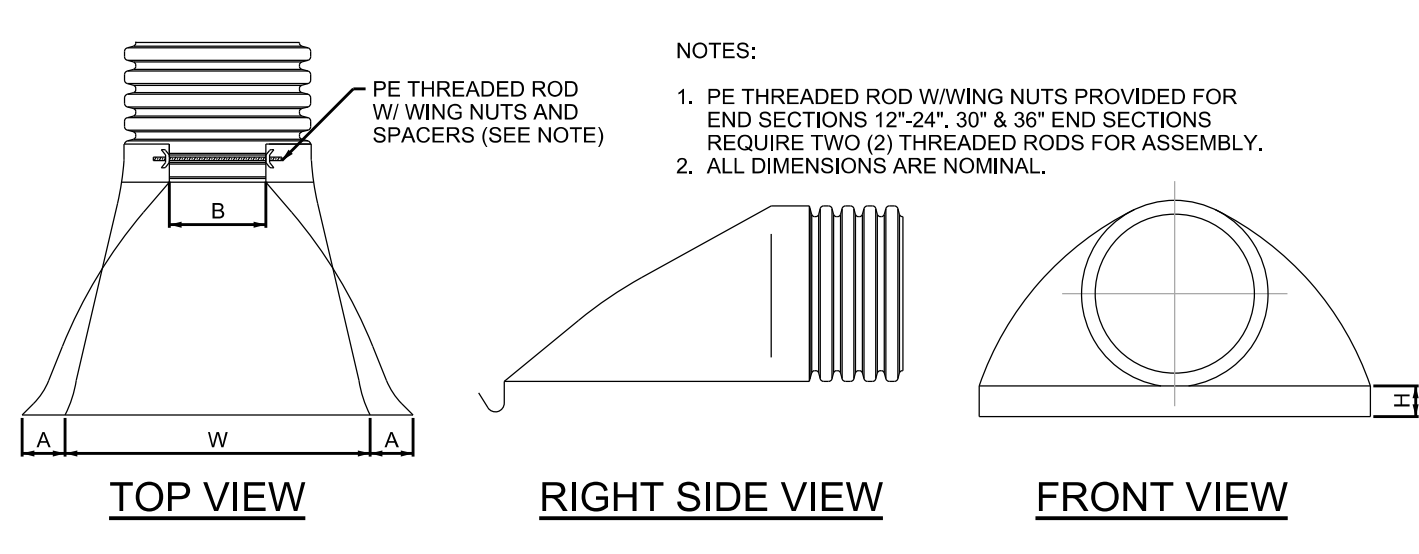
- GENERAL NOTES:**
- STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36/A36(M) STEEL. STEEL FOR ALL OTHER POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499 GRADE 60 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT (MASS) OF 91lbs. (45 kg) OR GREATER PER LINEAR YARD (METER).
  - AFTER FABRICATION, ALL STEEL POSTS, STRAPS AND PLATES SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A123/A123(M).
  - WASHERS FOR BREAKAWAY INSTALLATIONS SHALL MEET ASTM F436, TYPE 1.
  - ALL BOLTS, NUTS, AND WASHERS FOR BREAKAWAY INSTALLATIONS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A153/A153(M).
  - ALL SIGN POSTS SHALL HAVE BREAKAWAY FEATURES THAT MEET ASHTO REQUIREMENTS CONTAINED IN THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS." THE BREAKAWAY FEATURES SHALL BE STRUCTURALLY ADEQUATE TO CARRY THE SIGNS SHOWN IN THE PLANS AT 60 mph (97 km/h) WIND LOADINGS. INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  - TYPE A POSTS - 3 lb/ft (4.5 kg/m) TYPE B POSTS - 4 lb/ft (6 kg/m).



**METAL SIGN POSTS AND SIGN MOUNTING DETAILS**  
TR-1208\_02

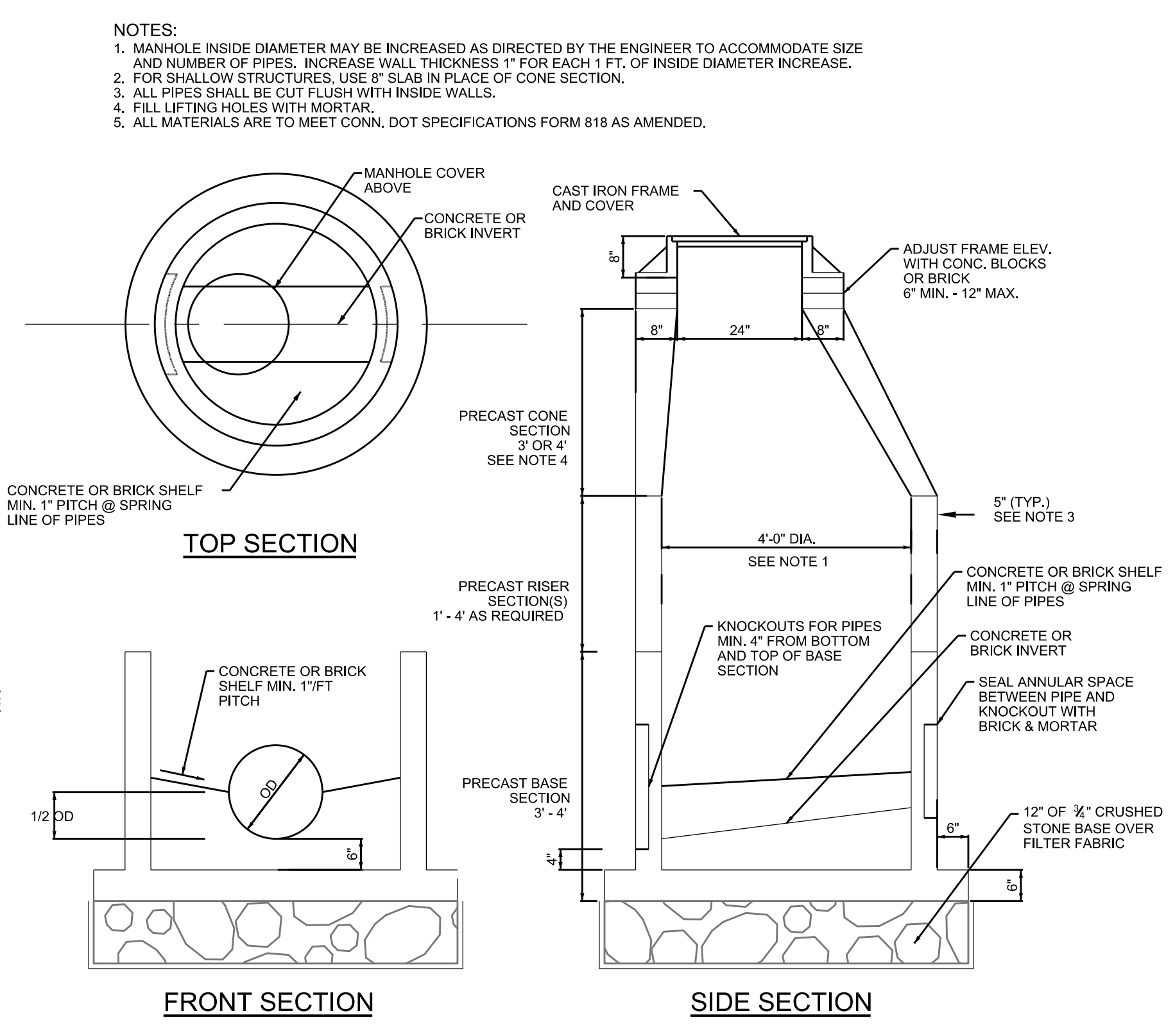


**TYPE "CG" CATCH BASIN**  
NOT TO SCALE

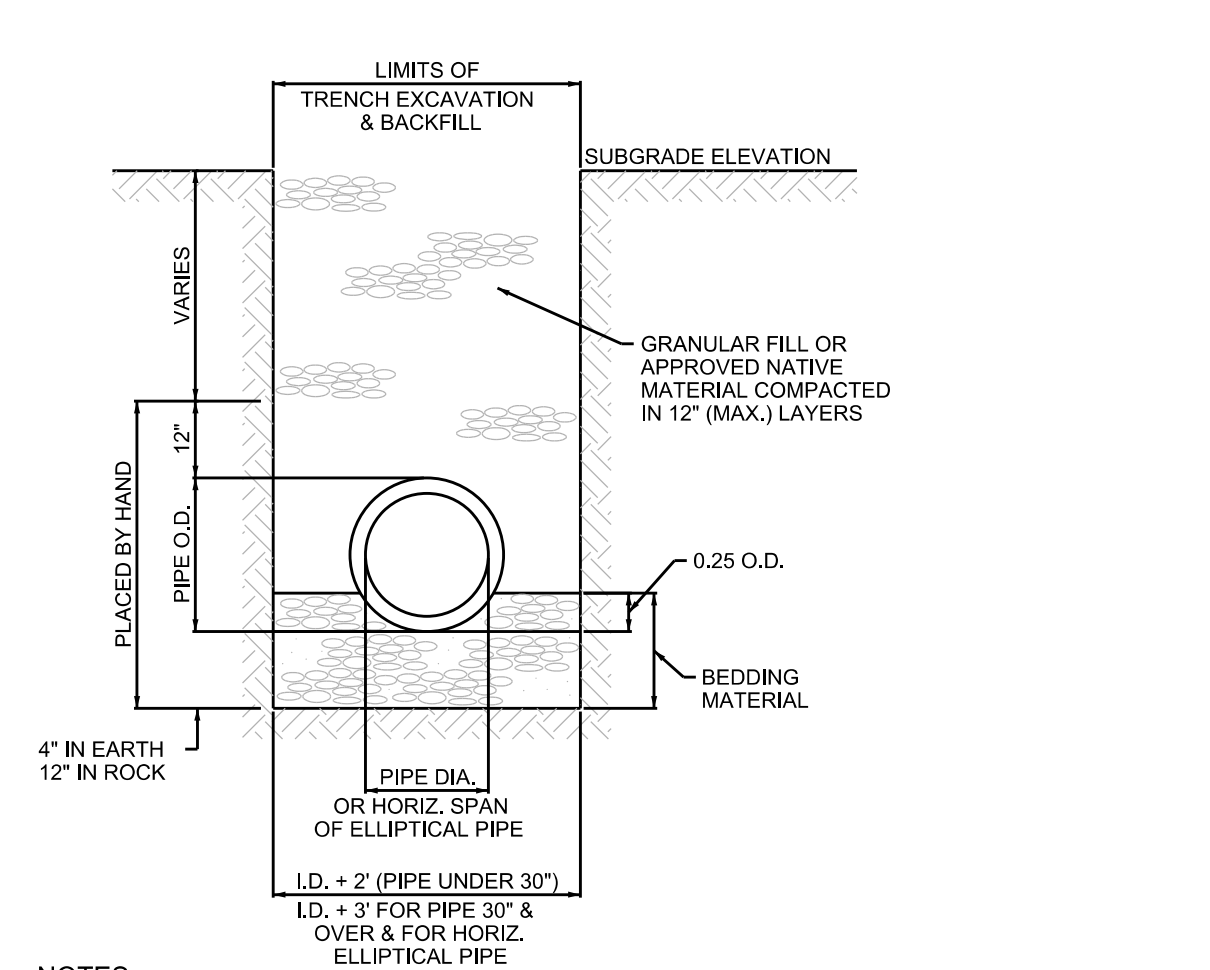


PART #	PIPE SIZE	A	B (MAX.)	H	L	W
1210NP	12" (300 mm)	6.5" (165 mm)	10.00" (254 mm)	6.5" (165 mm)	25.00" (635 mm)	29.00" (737 mm)
1510NP	15" (375 mm)	6.5" (165 mm)	10.00" (254 mm)	6.5" (165 mm)	25.00" (635 mm)	29.00" (737 mm)
1810NP	18" (450 mm)	7.5" (191 mm)	15.00" (381 mm)	6.5" (165 mm)	32.00" (813 mm)	35.00" (889 mm)
2410NP	24" (600 mm)	7.5" (191 mm)	18.00" (450 mm)	6.5" (165 mm)	36.00" (914 mm)	45.00" (1143 mm)
3015NP	30" (750 mm)	7.5" (191 mm)	12.00" (305 mm)	8.6" (218 mm)	58.00" (1473 mm)	63.00" (1600 mm)
3615NP	36" (900 mm)	7.5" (191 mm)	25.00" (635 mm)	8.6" (218 mm)	58.00" (1473 mm)	63.00" (1600 mm)

**HDPE - FLARED END DETAIL**  
NOT TO SCALE



**PRECAST STORM DRAIN MANHOLE (H-20)**  
NOT TO SCALE



**TRENCHING & BACKFILLING**  
NOT TO SCALE

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PROJ. MANAGER: KRG  
OFFICE REVIEW: KRG

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PREPARED FOR THE CITY OF NEW LONDON  
SITE DEVELOPMENT DETAILS

40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT

PROJECT: 3214.013 DATE: 10/15/24 SHEET NO. 11 OF 12

SCALE: AS NOTED

# LANDSCAPE PLANTING NOTES:

- ALL LANDSCAPE MATERIALS AND METHODS SHALL COMPLY WITH TOWN OF NEW LONDON REGULATIONS AND REQUIREMENTS.
- ALL AREAS OF THE PROJECT SITE AFFECTED BY CONSTRUCTION OPERATIONS AND NOT COVERED BY BUILDINGS, ROADS, PARKING LOTS, WALKS, PLANTING BEDS, OR OTHER PERMANENT IMPROVEMENTS SHALL BE FINE GRADED, FERTILIZED AND SEEDED WITH A PERENNIAL TURF TYPE GRASS SEED MIX.
- ALL LANDSCAPE MATERIALS SHALL COMPLY WITH STATE OF CONNECTICUT D.O.T. STANDARD SPECIFICATIONS FORM 819, 2024.
- SOIL PREPARATION SHALL BE LIMITED TO AREAS TO BE PLANTED WITHIN SEVEN (7) DAYS.
- SPREAD TOPSOIL THAT IS FERTILE, FRIABLE, NATURAL LOAM WITHIN LAWN AREAS TO A MINIMUM DEPTH OF 4 INCHES UNLESS OTHERWISE NOTED. REMOVE ALL STONES, STICKS, WEEDS, CLODS, LUMPS, ROOTS, RUBBISH, AND OTHER EXTRANEUS MATTER OVER 1 INCH IN ANY DIMENSION WITHIN 4" OF FINISH GRADE.
- PROTECT EXISTING LAWN AREAS AND CREATE A SMOOTH TRANSITION BETWEEN THEM AND NEW WORK. REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER OR LANDSCAPE ARCHITECT.
- SECURE ACCEPTANCE OF FINE GRADING BY THE OWNERS REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF SEEDING OR SODDING OPERATIONS.
- MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY OFF BEFORE PLANTING OF LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.
- RESTORE PREPARED AREAS TO SPECIFIED CONDITION IF ERODED OR OTHERWISE DISTURBED AFTER FINE GRADING AND PRIOR TO PLANTING.
- PLANT MATERIAL SHALL BE INSTALLED AFTER FINAL GRADES AREA ESTABLISHED AND PRIOR TO PLANTING OF LAWNS, UNLESS OTHERWISE ACCEPTABLE TO OWNER'S REPRESENTATIVE. IF PLANTING OF TREES AND SHRUBS OCCURS AFTER LAWN WORK, PROTECT LAWN AREAS AND PROMPTLY REPAIR DAMAGE TO LAWNS RESULTING FROM PLANTING OPERATIONS.
- PROVIDE TREES (2" CALIPER MIN), SHRUBS, AND ALL OTHER PLANT MATERIALS AS DIRECTED BY THE OWNER. ALL SPECIES SHALL BE NATIVE AND FREE OF INVASIVE PLANTINGS.
- PLANT MATERIAL SHALL BE INSTALLED IN THE FOLLOWING STEPS:
  - EXCAVATE PITS, BEDS, AND TRENCHES WITH SLOPING SIDES AND A FLAT BOTTOM. LOOSEN HARD SUBSOIL IN BOTTOM OF EXCAVATION.
  - EXCAVATIONS FOR BALLED AND BURLAPPED (B&B) TREES AND SHRUBS SHALL BE 2 TO 3 TIMES THE WIDTH BUT NO DEEPER THAN THE ROOT BALL.
  - PLACE PLANT MATERIAL IN HOLE, CLIP AND ROLL DOWN OR REMOVE THE WIRE CAGE, BURLAP AND NYLON STRING.
  - PRUNE CLEANLY ANY DEAD OR CRUSHED ROOTS AND STRAIGHTEN OR CUT ENCRICLING ROOTS IF PRESENT.
  - USING THE SAME SOIL AS DUG FROM THE HOLE, FILL UNDER AND AROUND THE ROOT BALL, GENTLY PRESS INTO PLACE. FILL THE HOLE PARTIALLY WITH WATER. CONTINUE TO PLACE SOIL INTO THE HOLE UNTIL THE SURFACE LEVEL IS JUST BELOW THE ROOT COLLAR.
  - CREATE A SOIL BERM AROUND THE TRUNK TWO (2) TIMES THE WIDTH OF THE ROOT BALL, ADD 3" OF SHREDDED BARK MULCH OR APPROVED EQUAL OVER THE SOIL BERM STAYING AT LEAST 3" AWAY FROM THE ROOT COLLAR.
- ALL PLANT MATERIALS SHALL BE INSPECTED FOR DEFECTS OR DAMAGE BEFORE PLANTING. SUBSTANDARD PLANTS SHALL BE RETURNED TO AND REPLACED BY THE CONTRACTOR. ACCEPTABLE PLANTS ARE TO BE PLANTED PER THE SPECIFICATIONS OF THE PLANTING PLAN. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE FOR THE SAFEKEEPING AND MAINTENANCE OF THESE PLANTS FOR THE DURATION OF SITE CONSTRUCTION ACTIVITY. ONCE PLANTED, ALL MACHINERY SHALL AVOID THESE PLANTED AREAS WHICH SHOULD BE DEMARKED CLEARLY BY FLAGGED FIELD STAKES. PROVISIONS FOR REGULAR WATERING AND INSPECTIONS SHALL BE MADE BY THE OWNER, OR NURSERY CONTRACTOR FOR THE DURATION OF THE PLANTS FIRST YEAR IN THE GROUND.
- ALL PLANT MATERIAL PLACEMENT IS SUBJECT TO FIELD ADJUSTMENT IN RESPONSE TO SITE CONDITIONS. THESE ADJUSTMENTS SHALL BE AT THE DISCRETION OF THE OWNER OR LANDSCAPE ARCHITECT.
- ALL PLANT MATERIALS ARE SUBJECT TO REPLACEMENT BY SUITABLE ALTERNATIVES PER AGREEMENT BETWEEN OWNER, LANDSCAPE ARCHITECT, NURSERY CONTRACTOR, AND APPROPRIATE AGENCIES.
- PLANT MATERIALS ARE TO BE PLANTED IN ACCORDANCE WITH REQUIREMENTS SPECIFIED IN THE PLANTING SPECIFICATIONS. AN APPLICATION OF LIME MAY BE REQUIRED IN ADDITION TO A STANDARD APPLICATION OF A COMPLETE FERTILIZER COMPOUND AT THE DISCRETION OF THE OWNER OR LANDSCAPE ARCHITECT.



8/30/2023  
 Michael Parenti  
 NEW LONDON  
 181 STATE ST  
 NEW LONDON, CT 06320  
 mparenti@bartonandloguidice.com

Subject: Briggs Brook Development State Pier Road and Fulton Park Multi Use Path  
 Filing #: 99524  
 NDDB - New Determination Number: 202305956  
 Expiration Date: 8/30/2025  
 Location: 40 Crystal Ave, New London, CT

I have reviewed Natural Diversity Database (NDDDB) maps and files regarding this project. I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site.

Please be aware of the following limitations and conditions:

Natural Diversity Database information includes all information regarding listed species available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, land owners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as enhance existing data. Such new information is incorporated into the Database and accessed through the ezFile portal as it becomes available. New information may result in additional review, and new or modified restrictions or conditions may be necessary to remain in compliance with certain state permits.

- During your work listed species may be encountered on site. A report must be submitted by the observer to the Natural Diversity Database promptly and additional review and restrictions or conditions may be necessary to remain in compliance with certain state permits. Please fill out the appropriate survey form and follow the instructions for submittal.

File:ITM, [8/30/2023 9:56:10 AM]

- If your project involves preparing an Environmental Impact Assessment, this NDDB consultation and determination should not be substituted for biological field surveys assessing on-site habitat and species presence.
- The NDDB - New determination for the Briggs Brook Development State Pier Road and Fulton Park Multi Use Path as described in the submitted information and summarized at the end of this document is valid until 8/30/2025. This determination applies only to the project as described in the submission and summarized at the end of this letter. Please re-submit an updated Request for Review if the project's scope of work and/or timeframe changes, including if work has not begun by 8/30/2025.

If you have further questions, please contact me at the following:

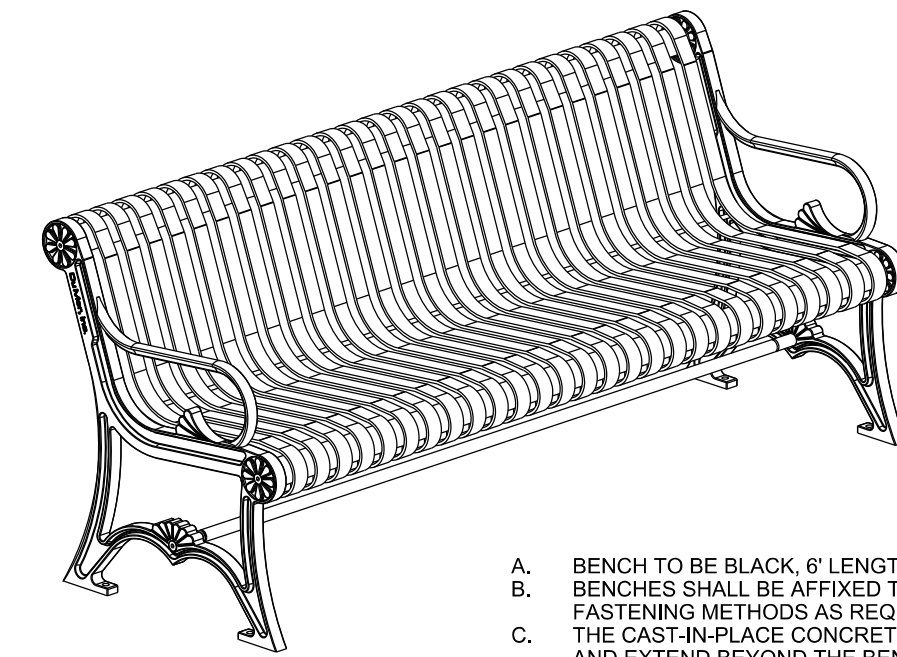
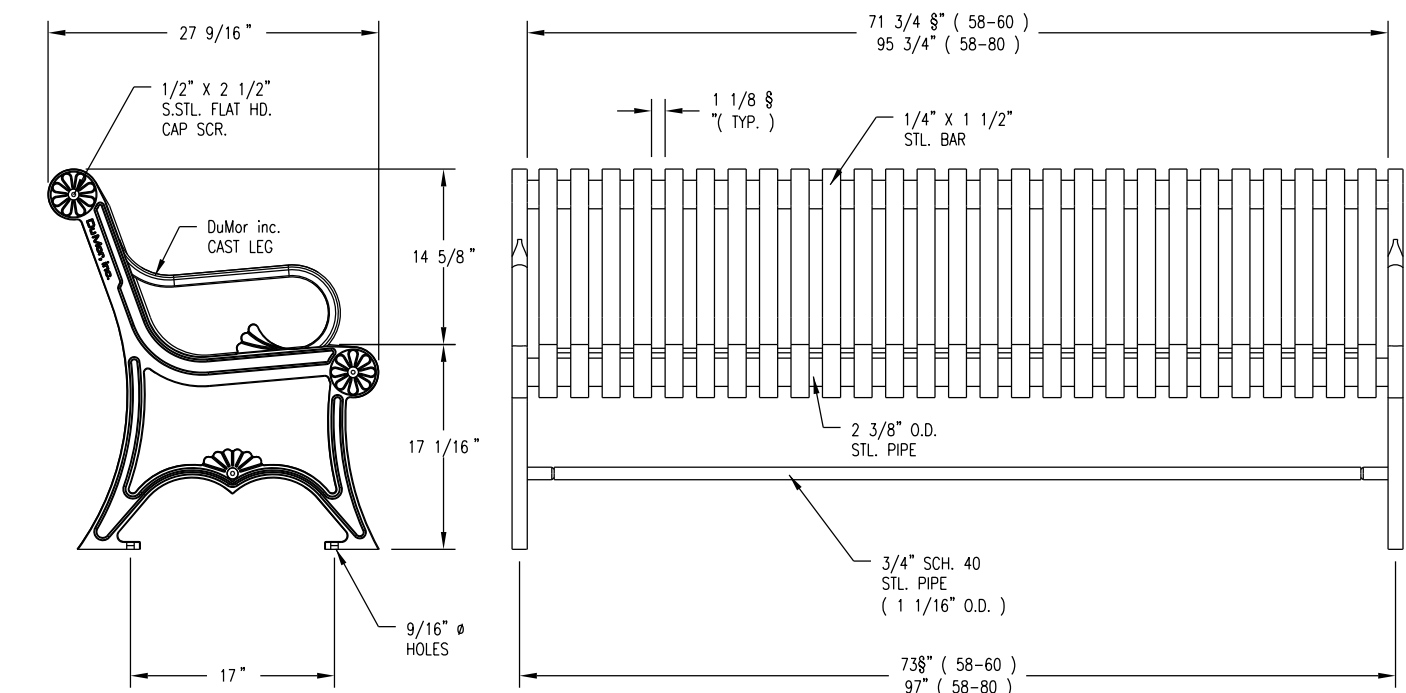
Shannon Kearney  
 CT DEEP Bureau of Natural Resources  
 Wildlife Division  
 Natural Diversity Database  
 79 Elm Street  
 Hartford, CT 06106-5127  
 (860) 424-3170  
 Shannon.Kearney@ct.gov

Please reference the Determination Number 202305956 when you e-mail or write. Thank you for consulting the Natural Diversity Data Base.

Shannon Kearney  
 Wildlife Division - Natural Diversity Data Base  
 79 Elm Street  
 Hartford, CT 06106-5127  
 (860) 424-3170  
 Shannon.Kearney@ct.gov

### Application Details:

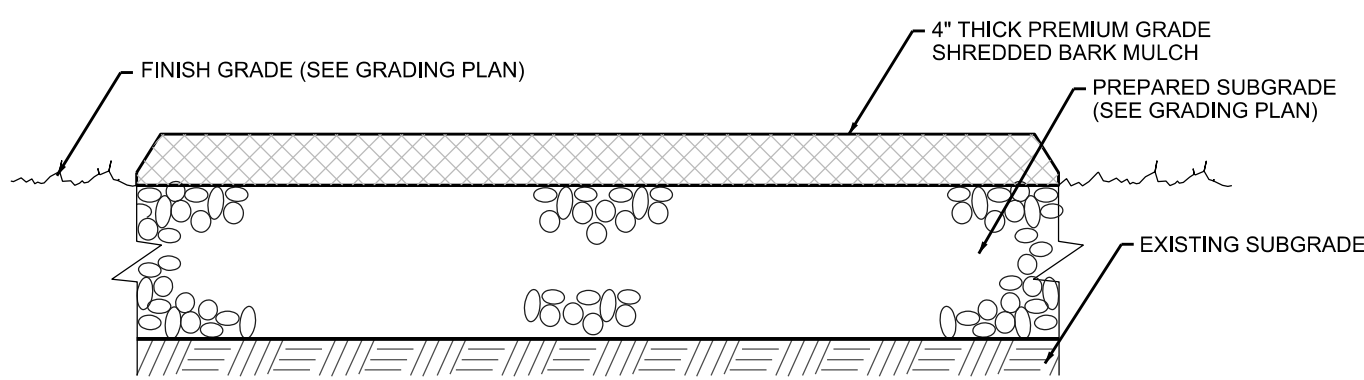
Project involves federal funds or federal permit:	No
Project involves state funds, state agency action, or relates to CEPA request:	No
Project requires state permit, license, registration, or authorization:	Yes
DEEP enforcement action related to project:	
Project Type:	Recreation, Greenway, Bicycle Path, Trail
Project Sub-type:	New fields, parks, trails
Project Name:	Briggs Brook Development State Pier Road and Fulton Park Multi Use Path
Project Description:	



- BENCH TO BE BLACK, 6' LENGTH BY DUMOR, INC. (58-60).
- BENCHES SHALL BE AFFIXED TO A CONCRETE PAD USING FASTENING METHODS AS REQUIRED BY THE MANUFACTURER.
- THE CAST-IN-PLACE CONCRETE PAD SHALL BE RECTANGULAR AND EXTEND BEYOND THE BENCH THE FOLLOWING DIMENSIONS: 2 FEET BEYOND THE FRONT OF BENCH; 1 FOOT BEYOND THE BACK OF THE BENCH; 1 FOOT BEYOND EACH SIDE OF THE BENCH.

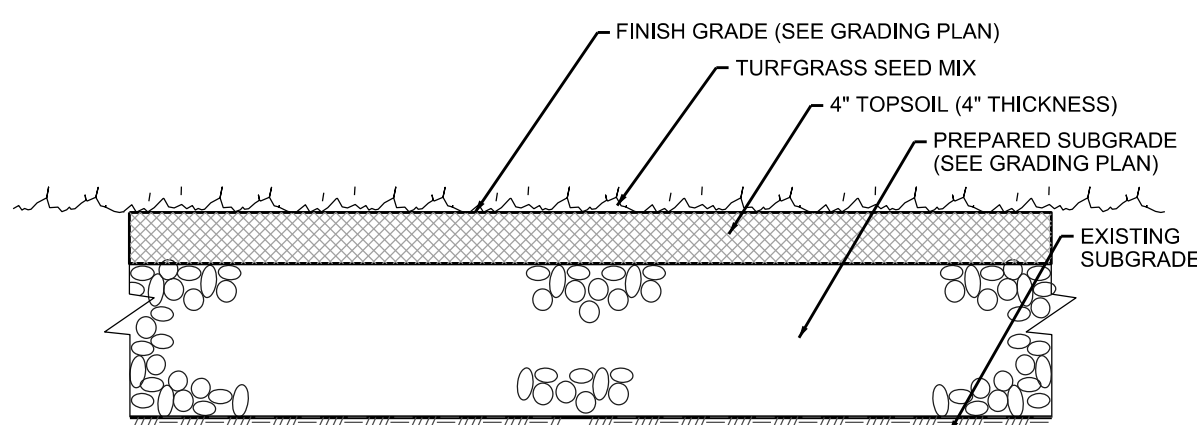
### NOTES

- ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.



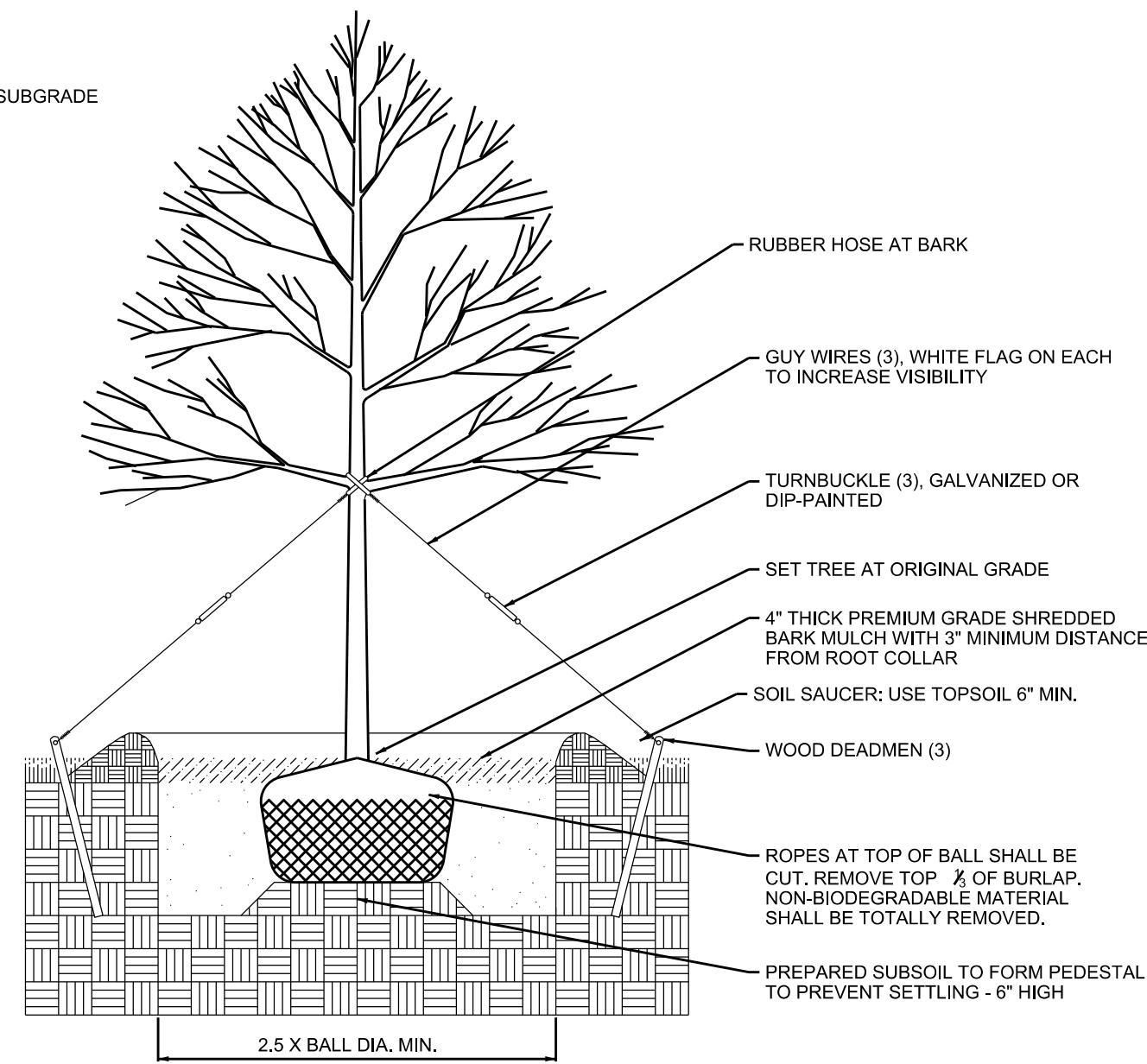
### MULCH SURFACE TREATMENT

NOT TO SCALE



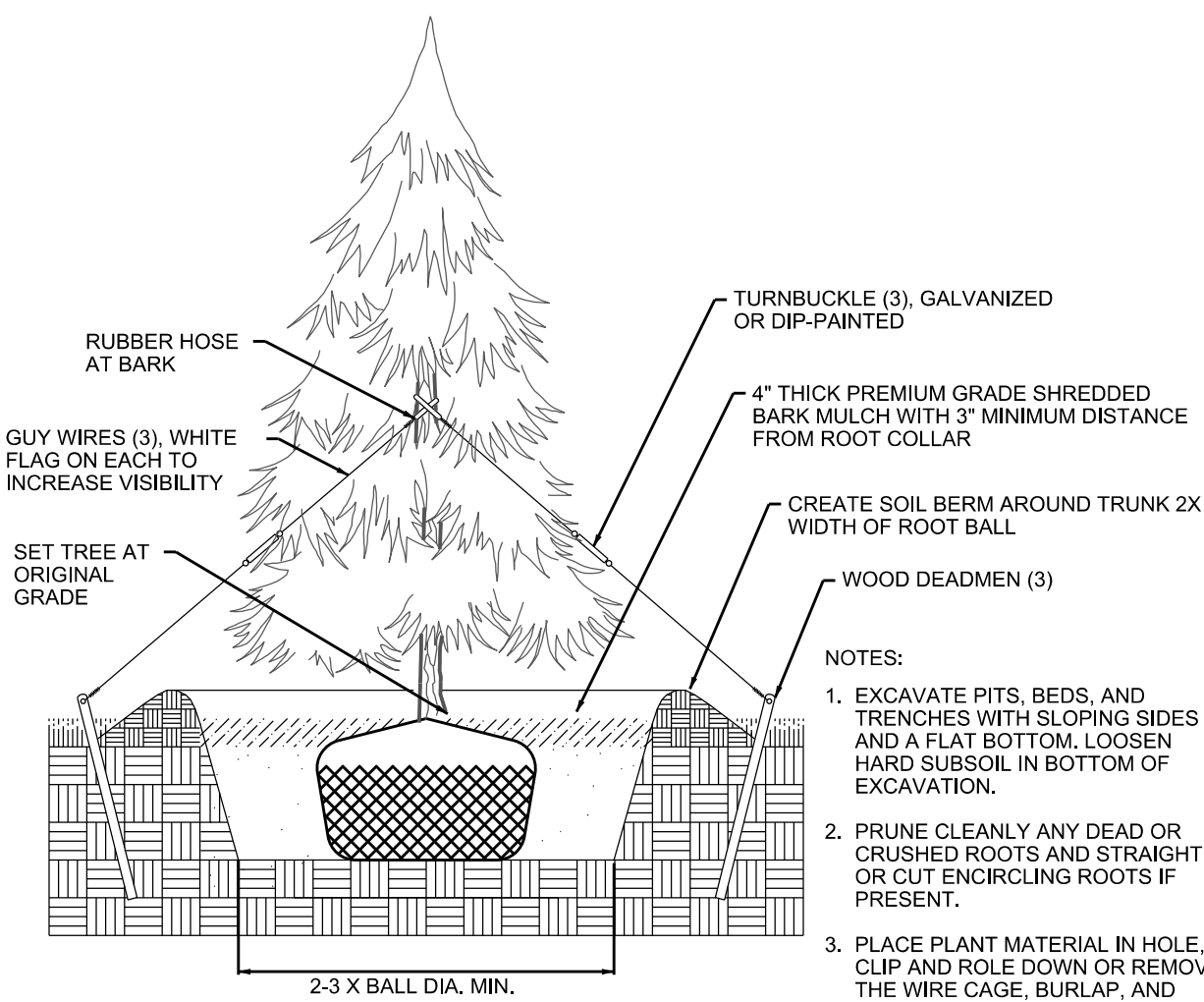
### TURF ESTABLISHMENT

NOT TO SCALE



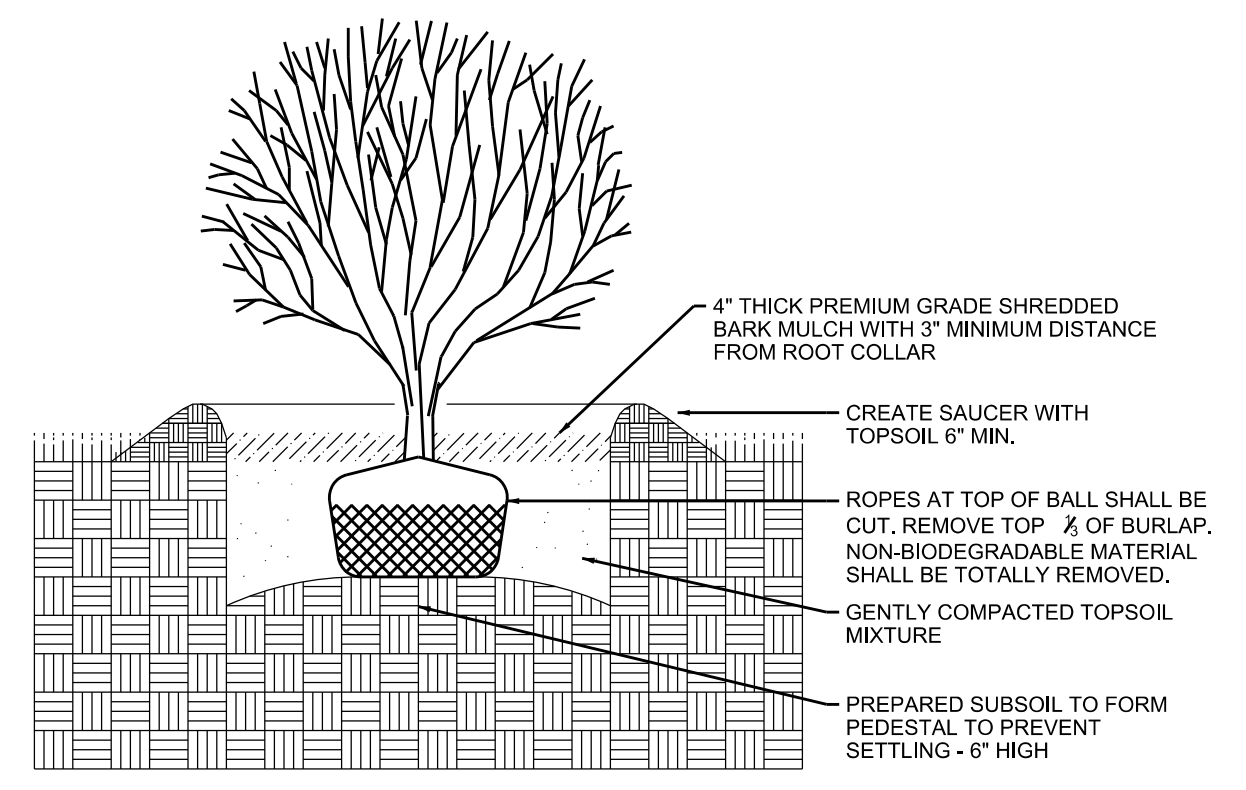
### DECIDUOUS TREE PLANTING

NOT TO SCALE



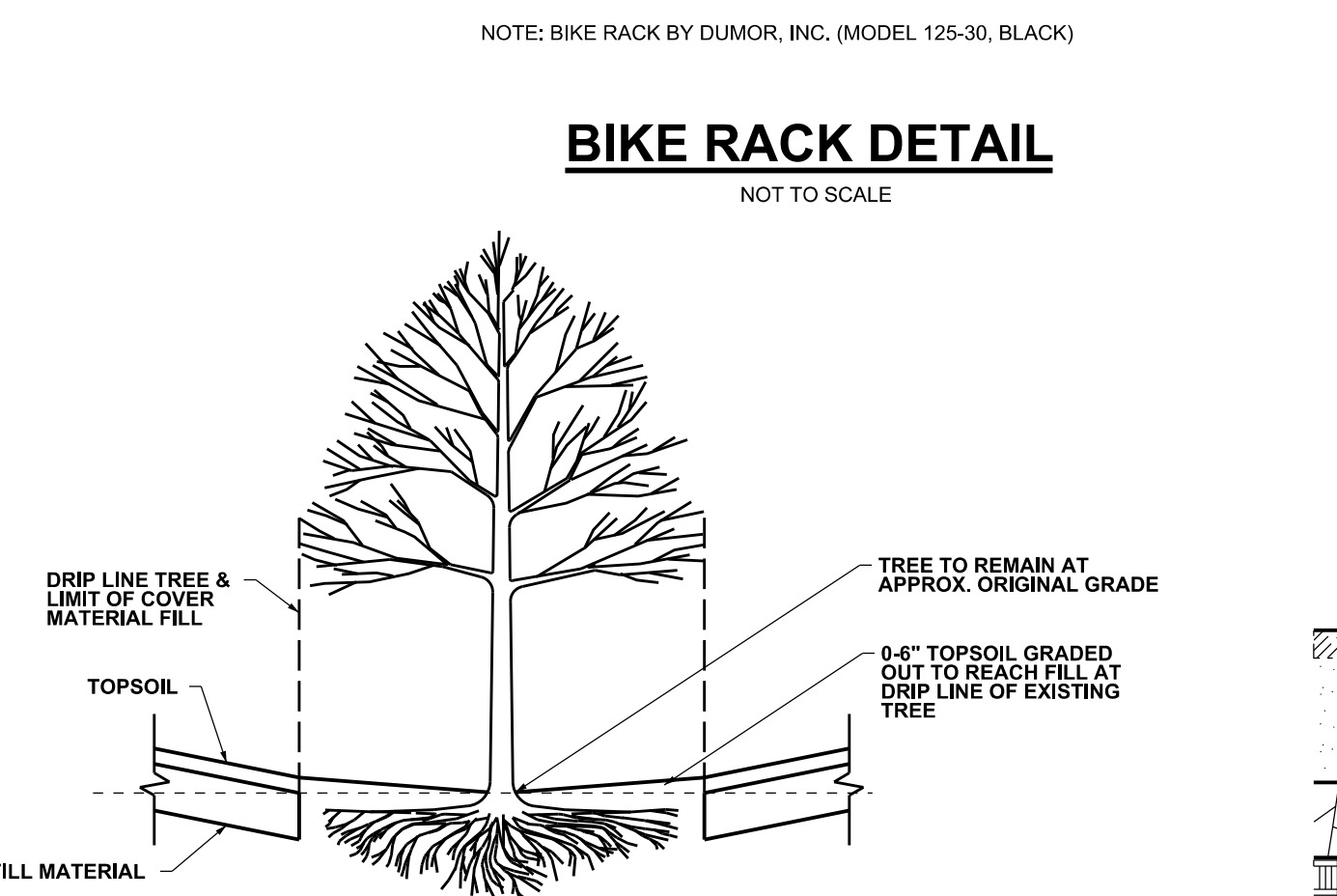
### CONIFEROUS TREE PLANTING

NOT TO SCALE



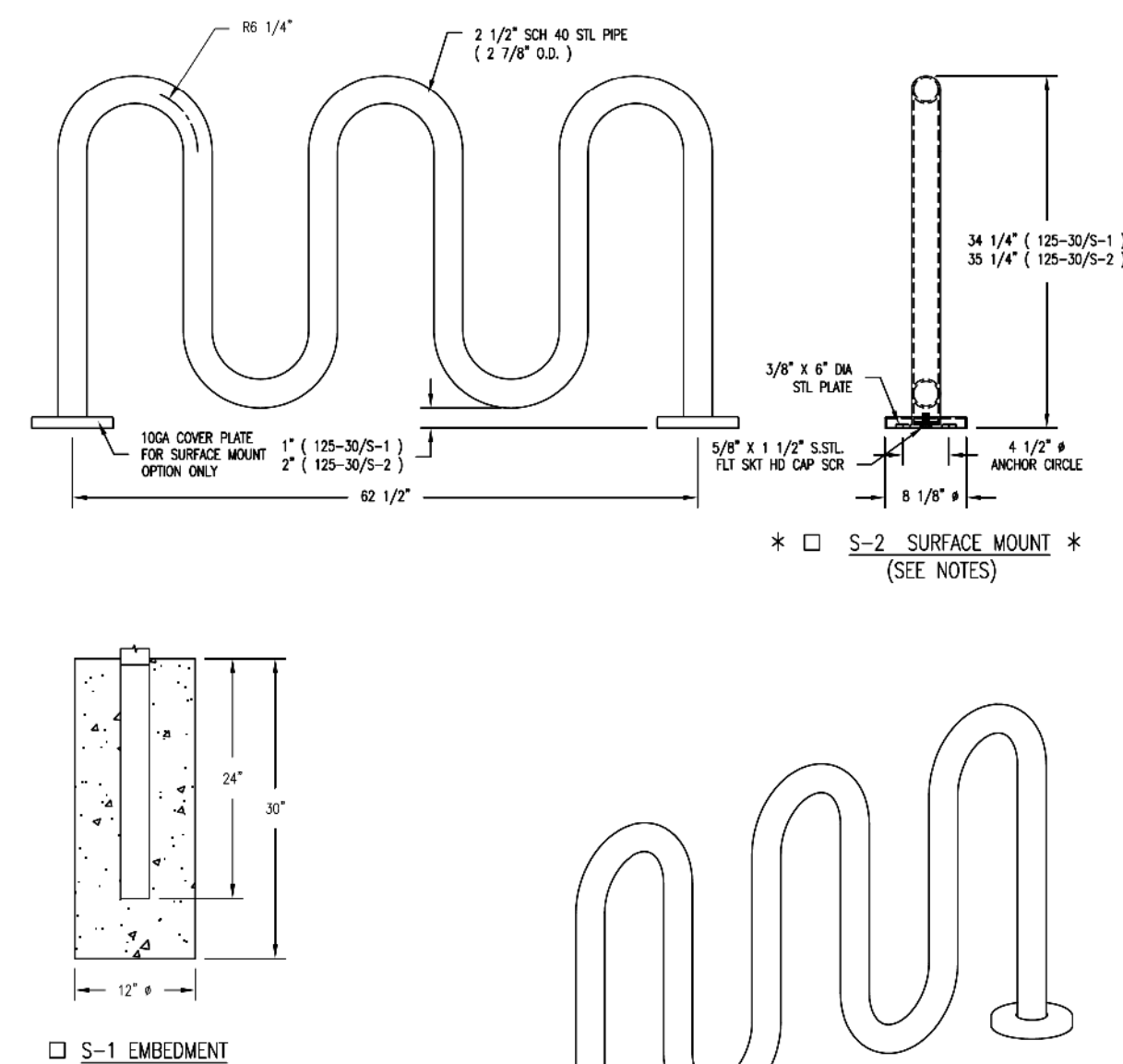
### SHRUB PLANTING

NOT TO SCALE



### EXISTING TREE PRESERVATION

NOT TO SCALE



### FINISH OPTIONS

- HOT DIPPED GALVANIZED (VISIBLE VENT HOLES)
- COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.

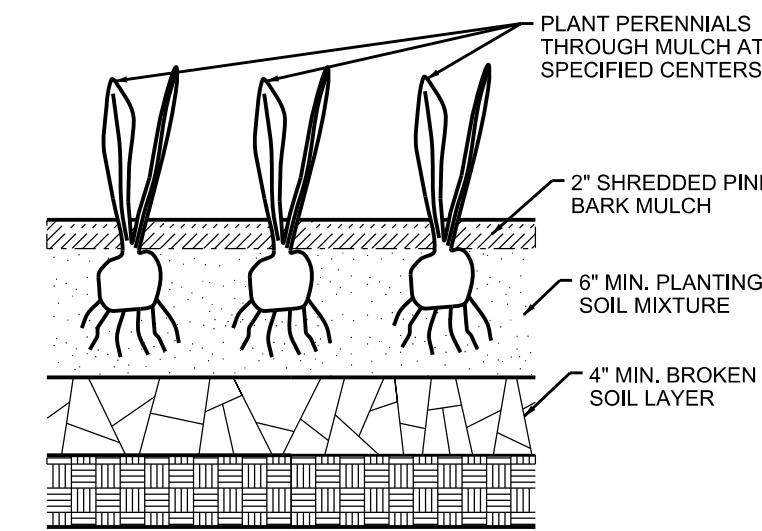
### NOTES:

- 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2.
- PLUGS PROVIDED FOR VISIBLE VENT HOLES. (HOT DIPPED GALV. ONLY)
- UPCHARGE APPLIES TO SUPPORT OPTION - CONSULT YOUR LOCAL REPRESENTATIVE.

NOTE: BIKE RACK BY DUMOR, INC. (MODEL 125-30, BLACK)

### BIKE RACK DETAIL

NOT TO SCALE

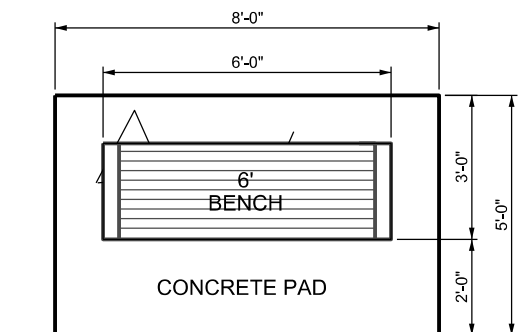


### PERENNIAL PLANTING

NOT TO SCALE

### 6' LONG BENCH DETAIL

NOT TO SCALE



BITUMINOUS CONCRETE MULTI-USE PATHWAY

### CONCRETE PAD FOR BENCH DETAIL

NOT TO SCALE

		41 Sequin Drive Glastonbury, CT 06033 Phone: (860) 633-8770 Fax: (860) 633-5971 www.bandct.com	
Civil Engineering	Environmental Consulting	Land Surveying	Construction Management
PROJ. ENGINEER	MJP	<b>BRIGGS BROOK &amp; FULTON PARK IMPROVEMENTS</b> PREPARED FOR THE CITY OF NEW LONDON SITE DEVELOPMENT DETAILS	
PROJ. MANAGER	KRG	40 CRYSTAL AVE. & STATE PIER RD. NEW LONDON, CT	
OFFICE REVIEW	KRG	PROJECT	DATE
REVISIONS 11/19/24		3214.013	10/15/24
SCALE: AS NOTED		SHEET NO.	12 OF 12

## **SECTION 32 12 19 POROUS ASPHALT**

### **PART 1 - GENERAL**

#### 1.01 DESCRIPTION

- A. Work under this specification covers furnishing and installing porous concrete pavement as shown on the plans or as directed by the Engineer.

#### 1.02 RELATED WORK

- A. Section 32 11 23 – Processed Aggregate Base Course
- B. Section 32 17 23 – Pavement Markings

#### 1.03 QUALITY ASSURANCE

- A. Where Form 819 is referred to, it means "State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction, Form 819, 2024" and including all Supplemental Specifications.
- B. Porous Asphalt and course materials should conform to the latest version of the [Connecticut Stormwater Quality Manual](#).

#### 1.04 SUBMITTALS

- A. Submit mix design and job mix formula for porous asphalt for approval by the Engineer.
- B. Submittals for filter fabric, perforated pipe, and all course materials will be required for approval by the Engineer.

### **PART 2 - PRODUCTS**

#### 2.01 POROUS ASPHALT

- A. The porous asphalt materials and mixtures shall conform to latest version of the [Connecticut Stormwater Quality Manual](#).



**PART 3 - EXECUTION**

3.01 CONSTRUCTION METHODS

- A. Porous asphalt shall be placed per manufacturers recommendations.
- B. Course materials, filter fabric and underdrain pipe shall be installed per the latest versions of the [University of New Hampshire Stormwater Center Design Specifications for Porous Asphalt Pavement and Infiltration Beds](#) and the Connecticut Stormwater Quality Manual. **See Attached Document.**

**PART 4 - MEASUREMENT AND PAYMENT**

4.01 MEASUREMENT

- A. Porous Asphalt Section shall be measured by the square yard. Course material, filter fabric and underdrain material shall not be measured separately for payment, but shall be included in the work.

4.02 PAYMENT

- A. Porous Asphalt Section shall be paid for at the contract unit price per square yard for "Porous Asphalt Section )" which price shall include materials, equipment, tools, labor and all incidentals thereto.

**END OF SECTION**

**BID PROPOSAL**

**(Addendum #1, Revised 11/19/24)**

PROJECT IDENTIFICATION:

Briggs Brook & Fulton Park Improvements

THIS BID IS SUBMITTED TO:

Department of Finance-Purchasing Agent  
13 Masonic Street  
New London, Connecticut 06032  
Attention: Joshua Montague, Accounting/Purchasing Agent

The Undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Owner in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

Bidder accepts all terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty (60) days after the day of Bid opening. Bidder will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within ten (10) days after the date of Owner’s Notice of Award.

In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:

1. Bidder has examined and carefully studied the Bidding Documents and the following Addenda receipt all of which is hereby acknowledged (List Addenda by Addendum Number and Date):

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2. Bidder has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and furnishing of the Work.
3. Bidder is familiar with and is satisfied as to all federal, state and local Laws and regulations that may affect cost, progress, performance and furnishing of the Work.

4. Bidder has carefully studied all reports and explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except Underground Facilities) which have been identified in the Supplementary Conditions. Bidder acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Utilities at or contiguous to the site. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface, Underground Facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by Bidder and safety precautions and programs related thereto. Bidder does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of the Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Contract Documents.
5. Bidder is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
6. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
7. Bidder has given Engineer written notice of all conflicts, errors, ambiguities or discrepancies that Bidder has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Bidder, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
8. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.
9. Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

**UNIT PRICE SCHEDULE**

ITEM NO.	SPECIFICATION SECTION	UNIT OF MEASURE	EST. QTY.	UNIT PRICE(\$)	EXTENDED PRICE(\$)
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<b>1.</b>	<b>01 57 21 SEDIMENTATION CONTROL SYSTEM-SILT FENCE</b>	LF	1,400	_____	_____
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UNIT PRICE IN WORDS:

<b>2.</b>	<b>01 71 13 MOBILIZATION &amp; DEMOBILIZATION</b>	LS	1	_____	_____
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UNIT PRICE IN WORDS:

<b>3.</b>	<b>01 71 23 CONSTRUCTION LAYOUT</b>	LS	1	_____	_____
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UNIT PRICE IN WORDS:

<b>4.</b>	<b>02 41 00 DEMOLITION</b>	LS	1	_____	_____
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UNIT PRICE IN WORDS:

<b>5.</b>	<b>03 30 00 CAST-IN-PLACE CONCRETE -CONCRETE PAD FOR POCKET PARK</b>	SF	1,700	_____	_____
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UNIT PRICE IN WORDS:

<b>6.</b>	<b>03 30 00 CAST-IN-PLACE CONCRETE -SIDEWALKS AND RAMPS</b>	SF	2,050	_____	_____
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UNIT PRICE IN WORDS:



14. 31 66 15 LF 800  
HELICAL PILES \_\_\_\_\_

UNIT PRICE IN WORDS:

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15. 32 01 15 LF 160  
SAWCUT PAVEMENT \_\_\_\_\_

UNIT PRICE IN WORDS:

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16. 32 11 23 CY 705  
PROCESSED  
AGGREGATE \_\_\_\_\_

UNIT PRICE IN WORDS:

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17. 32 12 19 SY 560  
POROUS ASPHALT  
SECTION \_\_\_\_\_

UNIT PRICE IN WORDS:

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18. 32 16 13 LF 90  
GRANITE CURB \_\_\_\_\_

UNIT PRICE IN WORDS:

---

19. 32 32 16 TONS 220  
BITUMINOUS  
CONCRETE  
(HMA S0.5) \_\_\_\_\_

UNIT PRICE IN WORDS:

---

20. 32 12 16 TONS 5  
BITUMINOUS  
CONCRETE  
(HMA S1.0) \_\_\_\_\_

UNIT PRICE IN WORDS:

---



28. 32 91 19 SY 11,700  
TOPSOIL PLACEMENT  
AND GRADING \_\_\_\_\_

UNIT PRICE IN WORDS:  
\_\_\_\_\_

29. 32 92 00 SY 11,700  
TURF AND  
GRASS \_\_\_\_\_

UNIT PRICE IN WORDS:  
\_\_\_\_\_

30. 32 93 00 LS 1  
PLANTINGS  
\$25000 \$25,000

UNIT PRICE IN WORDS:  
\_\_\_\_\_

31. 33 42 00 LF 66  
STORM UTILITY  
DRAINAGE PIPING  
(15" HDPE PIPE) \_\_\_\_\_

UNIT PRICE IN WORDS:  
\_\_\_\_\_

32. 33 42 00 LF 32  
STORM UTILITY  
DRAINAGE PIPING  
(24" HDPE PIPE) \_\_\_\_\_

UNIT PRICE IN WORDS:  
\_\_\_\_\_

33. 33 42 00 LF 640  
UNDERDRAIN \_\_\_\_\_

UNIT PRICE IN WORDS:  
\_\_\_\_\_



34. 33 42 00 EA 2  
STORM UTILITY  
DRAINAGE PIPING  
(15" HDPE FLARED END)

UNIT PRICE IN WORDS: \_\_\_\_\_

35. 33 42 00 EA 1  
STORM UTILITY  
DRAINAGE PIPING  
(24" HDPE FLARED END)

UNIT PRICE IN WORDS: \_\_\_\_\_

36. 33 42 00 EA 2  
STORM DRAINAGE  
STRUCTURE  
(CG TYPE CATCH BASIN)

UNIT PRICE IN WORDS: \_\_\_\_\_

37. 33 42 00 EA 2  
STORM DRAINAGE  
STRUCTURE  
(MANHOLE)

UNIT PRICE IN WORDS: \_\_\_\_\_

38. 34 71 13 LF 430  
TIMBER GUIDE RAIL

UNIT PRICE IN WORDS: \_\_\_\_\_

TOTAL OF ESTIMATED BASE BID PRICES: \_\_\_\_\_  
(use words)

\_\_\_\_\_ (\$\_\_\_\_\_)

Quantities are not guaranteed. Final payment will be based on actual quantities

The undersigned affirms that the above lump sum price represent the entire cost per plan specifications, addenda, including all labor, materials, tools, equipment, overhead, profit and not no claim will be made on account of any increase in wage scales,

materials prices, delivery delays, taxes, insurance, cost indexes or any other rates affecting the construction industry or this project.

**ALTERNATE No.1:** Removal of +/-750 linear feet of 6' high chain link fence along State Pier Road and Replace with 750 linear feet of Timber Guide Rail

\_\_\_\_\_ Dollars (in words)

\$ \_\_\_\_\_ (in numbers)

**ALTERNATE No.2:** Removal of +/- 425 linear feet of 4' high chain link fence along Crystal Avenue and Replace with 425 linear feet of Timber Guide Rail

\_\_\_\_\_ Dollars (in words)

\$ \_\_\_\_\_ (in numbers)

**ALTERNATE No.3:** Remove and Replace +/- 900 linear feet of 4' high chain link fence and 5' wide concrete sidewalks along Eugene O'neill Drive.

\_\_\_\_\_ Dollars (in words)

\$ \_\_\_\_\_ (in numbers)

**BASE BID SUMMARY:**

**A. TOTAL FOR UNIT PRICED BID**

\$ \_\_\_\_\_ (in numbers)

**ADD ALTERNATE:**

**B. Alternate 1:**

\$ \_\_\_\_\_ (in numbers)

**C. Alternate 2:**

\$ \_\_\_\_\_ (in numbers)

**D. Alternate 3:**

\$ \_\_\_\_\_ (in numbers)

All Unit Price Adjustments are for in-place materials and final payment of these items will be based upon actual measured quantities.

- 10. Bidder agrees that the Work will be substantially completed and ready for final payment in accordance with Article 15 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 11. Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.
- 12. The following documents are attached to and made a part of this Bid:

Required Bid Security in the form of \_\_\_\_\_

- 13. Communications concerning this Bid shall be addressed to the address of Bidder below.
- 14. Terms used in this Bid which are defined in the General Conditions or Instructions to Bidders will have the same meanings indicated in the General Conditions or Instructions to Bidders.

SUBMITTED on: \_\_\_\_\_, 2024.

By: \_\_\_\_\_ Title: \_\_\_\_\_

Bidder: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SEAL – if Bid is by a Corporation

