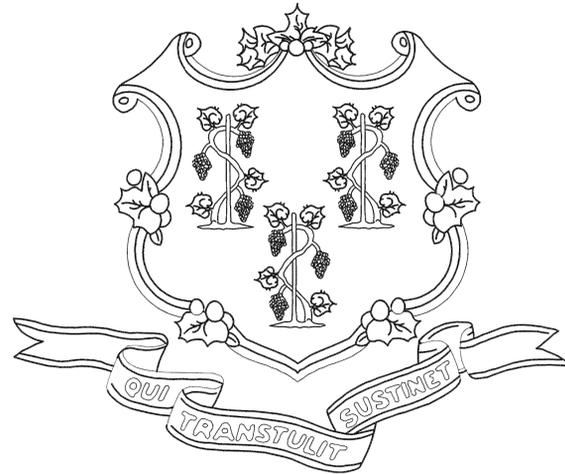


STATE OF CONNECTICUT



DANNEL P. MALLOY, GOVERNOR

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
ROBERT KLEE, COMMISSIONER

PROPOSED TIDE GATE AND OUTLET STRUCTURE IMPROVEMENTS GREAT CREEK OUTLET STRUCTURE SILVER SANDS STATE PARK

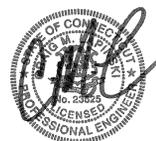
Prepared by:

STATE PROJECT NO. WR-SR-08401589SJ-2014-01



FUSS & O'NEILL

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MANCHESTER, CONNECTICUT 06040
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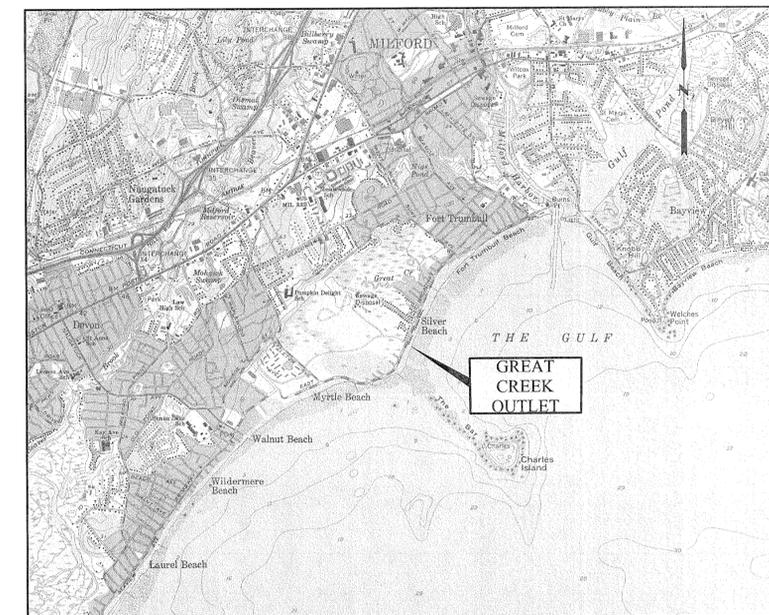


MILFORD, CONNECTICUT

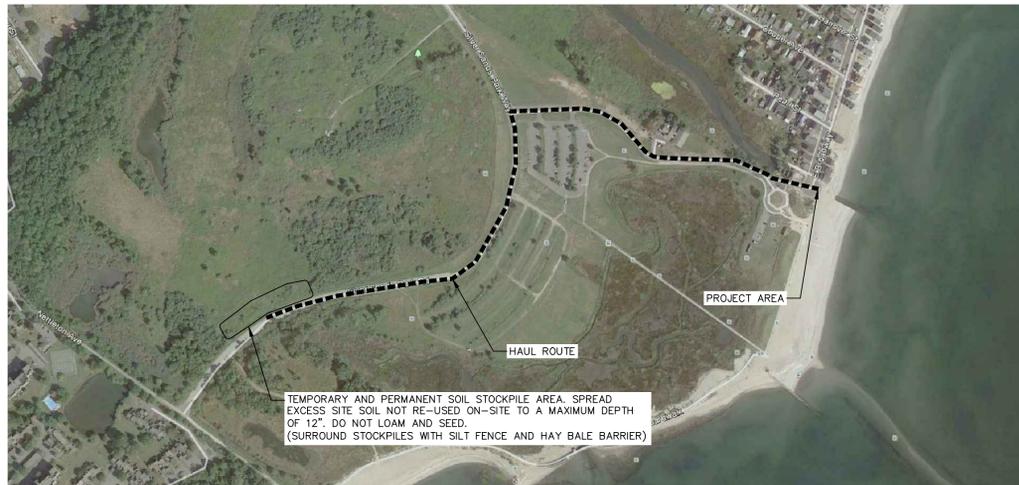
JULY, 2014

SHEET INDEX

GI-001	COVER SHEET
GI-002	GENERAL NOTES, LEGEND, AND SOIL STOCKPILE LOCATION
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CE-501	EROSION & SEDIMENT CONTROL DETAILS
CD-501	CULVERT DETAILS
CD-502	TRAINING WALL DETAILS
CD-503	TIDE GATE REPAIR DETAILS



LOCATION PLAN
SCALE: 1" = 2500'



SOIL STOCKPILE LOCATION
 APPROXIMATE SCALE: 1" = 400'

GENERAL NOTES:

1. THE PURPOSE OF THIS PROJECT IS TO RESTORE AND IMPROVE THE GREAT CREEK TIDE GATE AND OUTLET STRUCTURE AT SILVER SANDS STATE PARK IN MILFORD, CT. THE PROPOSED WORK INCLUDES REPAIRS AND MAINTENANCE TO THE EXISTING TIDE GATE AND INSTALLATION OF AN IMPROVED OUTLET ON SILVER BEACH.
2. THE IMPROVED OUTLET ON SILVER BEACH WILL REQUIRE THE REMOVAL OF THE EXISTING TRAINING WALLS AND CONCRETE ENDWALL AS WELL AS THE INSTALLATION OF A BOX CULVERT EXTENSION AND NEW TIMBER TRAINING WALLS.
3. CONSTRUCTION ACCESS TO THE OUTLET STRUCTURE WILL BE GAINED FROM THE EAST BROADWAY CUL-DE-SAC, AS SHOWN ON PLAN SHEETS CP-101 AND CS-101.
4. MINIMIZE CONSTRUCTION ACTIVITIES WITHIN THE INTERTIDAL FLAT TO THE GREATEST EXTENT PRACTICABLE. SEE SHEET V0.1 FOR APPROXIMATE LIMITS OF INTERTIDAL FLAT.
5. CONSTRUCTION EQUIPMENT AND MATERIALS WILL BE MOVED FROM THE WORK AREA AND BEACH AND SECURED WITHIN THE CONSTRUCTION ENTRANCE AND/OR DESIGNATED STAGING AREAS DURING PERIODS OF HIGH WATER, AT THE END OF EVERY WORKDAY, AND DURING HIGH TIDES.
6. THE WORK AREA IS IN A TIDAL ZONE. HIGH TIDE OCCURS TWICE PER DAY AND INUNDATES THE MAJORITY OF THE WORK AREA. BE AWARE OF THE EVER CHANGING TIDE SCHEDULE AND HEIGHTS AND PLAN WORK ACCORDINGLY
7. PERFORM REPAIRS AND MAINTENANCE TO THE EXISTING TIDE GATE AND CULVERT SO AS TO AVOID TEMPORARY OR PERMANENT IMPACTS TO ADJACENT RESOURCE AREAS.
8. AREAS DISTURBED BY CONSTRUCTION OPERATIONS WILL BE RESTORED TO THEIR ORIGINAL CONDITION, AT NO ADDITIONAL COST TO THE OWNER.

SURVEY NOTES:

1. VERTICAL DATUM REPORTED IN NGVD 29. TIDAL AND JURISDICTIONAL BENCHMARKS (I.E., CJL, MHW, MLW) CONVERTED FROM NGVD 88 FOR CONSISTENCY WITH THE VERTICAL DATUM OF THE SURVEY.
2. THE BACKGROUND INFORMATION DEPICTED HEREON WAS TAKEN FROM VARIOUS SOURCES AND COMPILED INTO THIS PLAN.
 - 2.1. INLET STRUCTURE TOPOGRAPHY, SILVER SANDS STATE PARK GREAT CREEK OUTLET STRUCTURE, PREPARED FOR STATE OF CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION, PREPARED BY FUSS & O'NEILL DATED 01/30/2012.
 - 2.2. PLAN ENTITLED STATE OF CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION SILVER SANDS STATE PARK GREAT CREEK OUTLET STRUCTURE OUTLET STRUCTURE DETAIL / BEACH SURVEY MILFORD CONNECTICUT SCALE 1"=20' SHEET V-2.03 DATED 11/12/2013 PREPARED BY FUSS & O'NEILL, INC.
 - 2.3. STATE OF CONNECTICUT 2004 CTDEEP DIGITAL ORTHO PHOTOS.
 - 2.4. PLANIMETRIC FEATURES DEPICTED HEREON ARE BASED ON PHOTOGRAMMETRY BY GOLDEN AERIAL SURVEYS, INC. DATE OF PHOTOGRAPHY IS JAN. 28, 1995.
 - 2.5. PROPERTY LINE INFORMATION DEPICTED APPROXIMATELY FROM A PLAN ENTITLED "PLAN OF PROPERTY OF STATE OF CONNECTICUT INCLUDING LAND TO BE ACQUIRED FROM UNITED ILLUMINATING CO. & CITY OF MILFORD SILVER SANDS STATE PARK

CONSTRUCTION SEQUENCE:

1. INSTALL GRAVEL CONSTRUCTION ENTRANCE PRIOR TO STARTING WORK ON THE SITE.
2. INSTALL A TEMPORARY CONDUIT THROUGH THE EXISTING CULVERT WITH AN UPSTREAM COFFERDAM IN THE TIDEGATE STRUCTURE AND A DOWNSTREAM COFFERDAM BETWEEN THE EXISTING TRAINING WALLS.
3. DEWATER WORK AREA TO THE GREATEST EXTENT PRACTICABLE, WORK IN THE DRY.
4. POWERWASH THE INTERIOR OF THE TIDEGATE STRUCTURE AND BOX CULVERT. CONSTRUCT THE PROPOSED CULVERT EXTENSION AND REPAIR CONCRETE SPALLS AND JOINTS IN THE EXISTING CULVERT. APPLY BASF MASTER SEAL 360 TO ALL INSIDE SURFACES OF THE EXISTING AND PROPOSED BOX CULVERT. APPLY BENTONITE WATERPROOFING JOINT PROTECTION TO THE EXTERIOR SIDE AND TOP JOINTS OF THE PROPOSED BOX CULVERT AND EXPOSED JOINTS OF THE EXISTING BOX CULVERT.
5. REMOVE THE COFFERDAM AND TEMPORARY CONDUIT SEAWARD OF THE END OF THE BOX CULVERT.
6. REMOVE THE EXISTING CHAIN LINK FENCE AND TRAINING WALLS.
7. CONSTRUCT THE NEW TRAINING WALLS AND MANAGE WATER IN OPEN EXCAVATION AS REQUIRED TO FACILITATE CONSTRUCTION.
8. RE-INSTALL TEMPORARY CONDUIT AND COFFERDAM SEAWARD OF THE END OF BOX CULVERT.
9. INSTALL INTERMEDIATE RIPRAP SEAWARD OF THE PROPOSED BOX CULVERT EXTENSION OPENING. GROUT RIPRAP.
10. REMOVE ENTIRE TEMPORARY CONDUIT AND COFFERDAMS.
11. INSTALL CHAIN LINK FENCE.
12. RESTORE ADJACENT BEACH AND TIDAL FLAT ELEVATIONS IN DISTURBED AREAS.
13. REPAIR THE TIDEGATE STRUCTURE.

RESTRICTIONS:

1. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
2. FEDERAL AND STATE THREATENED PIPING PLOVER (CHARADRIUS MELODUS) UTILIZE SILVER SANDS STATE PARK. TO LIMIT POTENTIAL IMPACTS, NO CONSTRUCTION ACTIVITIES ON THE BEACH OR TO THE OUTLET STRUCTURE WILL OCCUR DURING THIS SPECIES NESTING SEASON, APRIL 15 THROUGH AUGUST 30, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (CT DEEP).
3. ADDITIONAL RESTRICTIONS MAY BY BE REQUIRED AS SPECIAL CONDITIONS OF ENVIRONMENTAL PERMITS.

SITE RESTORATION:

1. RESTORE TEMPORARY IMPACTS TO THE ADJACENT BEACH AND TIDAL FLAT BY REPLACING EXCAVATED MATERIAL IN-KIND (I.E., FINE MATERIAL EXCAVATED FROM THE TIDAL FLAT AND SAND EXCAVATED FROM THE BEACH SHALL BE REPLACED IN THEIR RESPECTIVE POINTS OF ORIGIN).
2. RESTORE PRE-CONSTRUCTION ELEVATIONS ON THE UPDRIFT BEACH (SOUTHWEST OF THE OUTLET STRUCTURE) AND THE DOWNDRIFT BEACH (NORTHEAST OF THE OUTLET STRUCTURE).

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SEAL

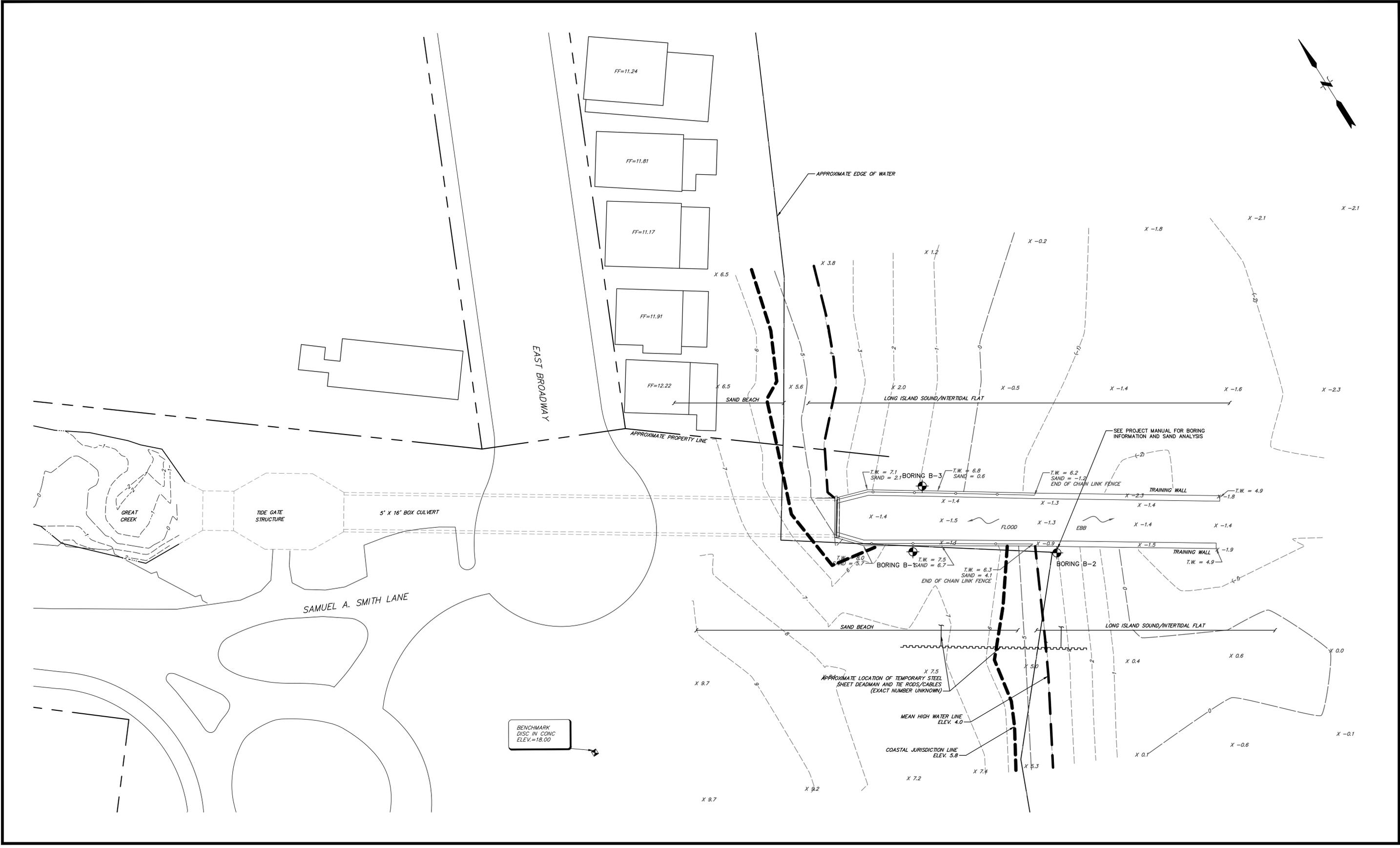
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 0
 GRAPHIC SCALE

FUSS & O'NEILL
 146 HARTFORD ROAD
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STATE OF CONNECTICUT
 GENERAL NOTES, LEGEND, AND SOIL STOCKPILE LOCATION
 GREAT CREEK OUTLET STRUCTURE
 SILVER SANDS STATE PARK
 MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
 DATE: JULY 2014
GI-002

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SCALE:
 HORZ.: 1" = 20'
 VERT.:
 DATUM:
 HORZ.: NAD 27
 VERT.: NGVD 29
 GRAPHIC SCALE

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 860.646.2469
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STATE OF CONNECTICUT
 EXISTING CONDITION MAP
 GREAT CREEK OUTLET STRUCTURE
 SILVER SANDS STATE PARK
 MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
 DATE: JULY 2014
VO.1

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 HORZ.: NAD 27
 VERT.: NGVD 29

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 GRAPHIC SCALE

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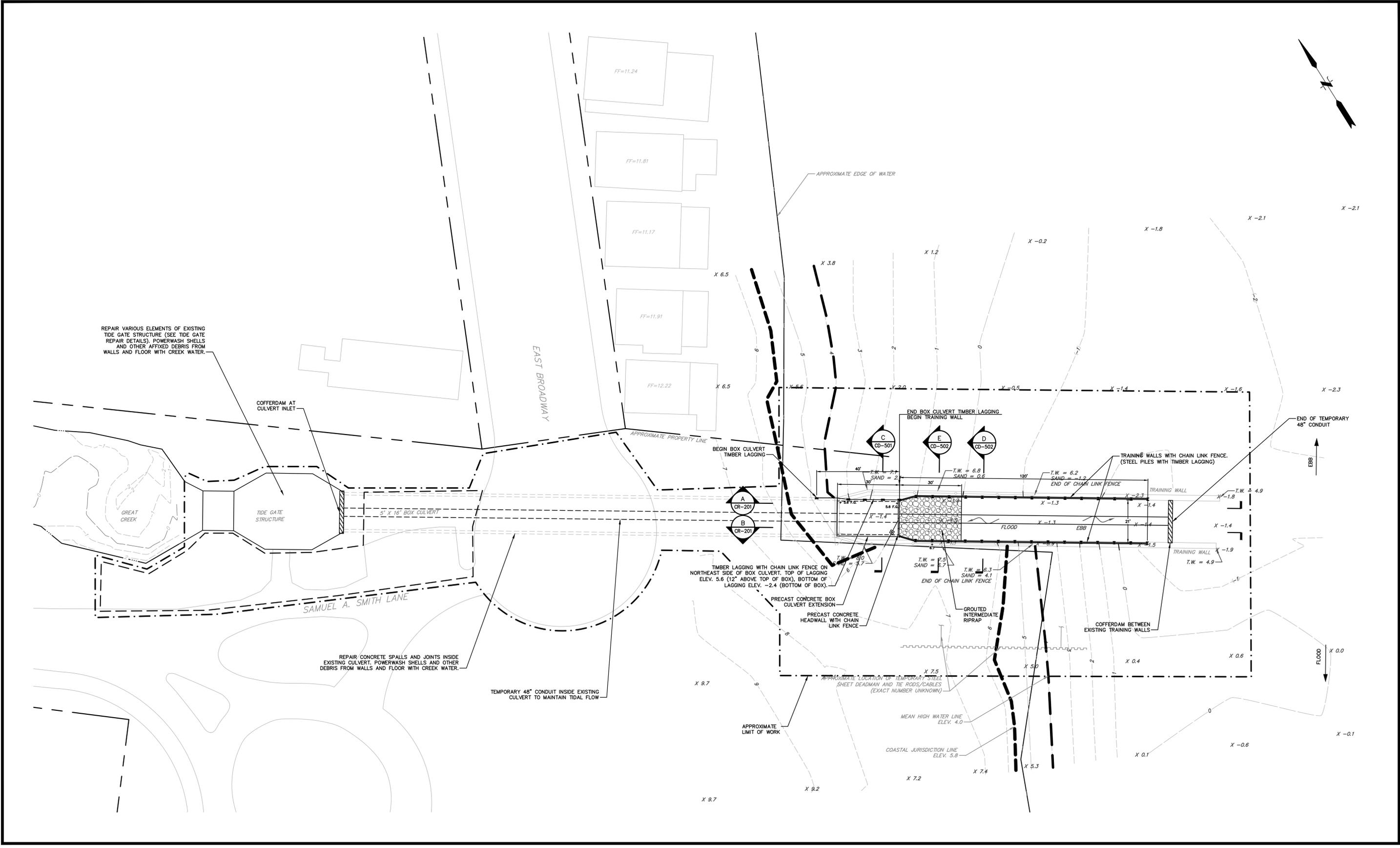
STATE OF CONNECTICUT
 DEMOLITION AND EROSION CONTROL PLAN
 GREAT CREEK OUTLET STRUCTURE
 SILVER SANDS STATE PARK

MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
 DATE: JULY 2014

CP-101

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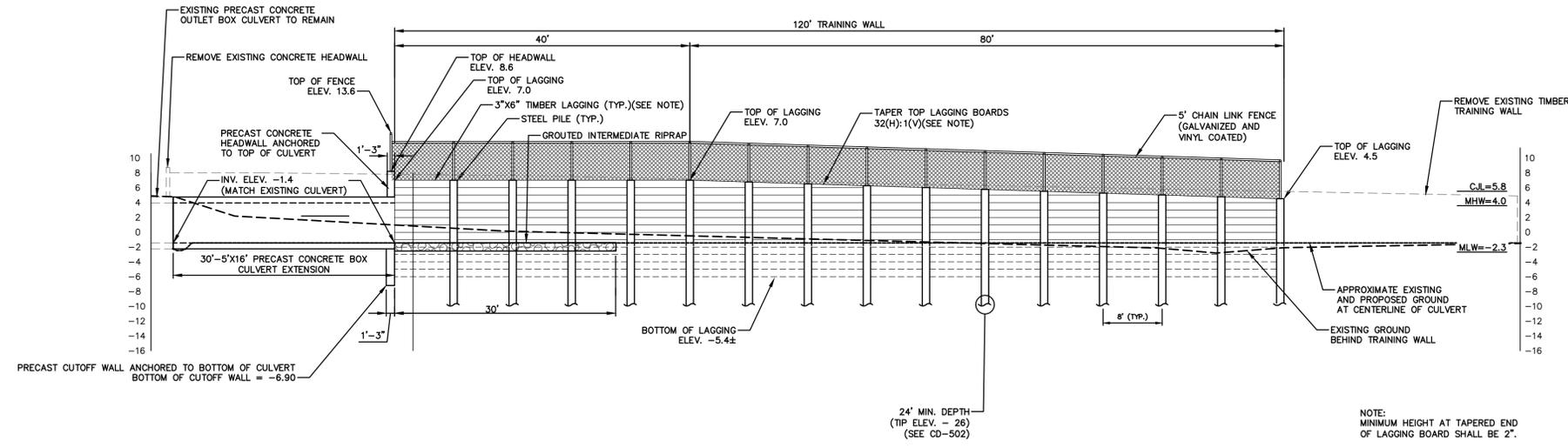
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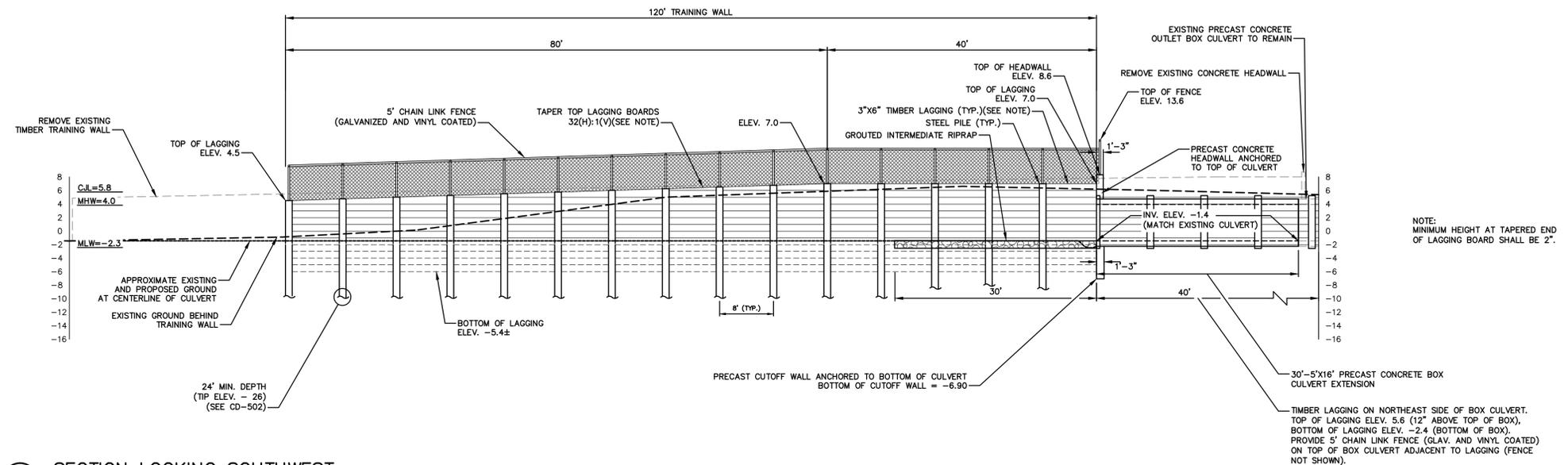
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STATE OF CONNECTICUT
 SITE IMPROVEMENTS PLAN
 GREAT CREEK OUTLET STRUCTURE
 SILVER SANDS STATE PARK
 MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
 DATE: JULY 2014
CS-101



(A) SECTION LOOKING NORTHEAST
SCALE: 1"=10'



(B) SECTION LOOKING SOUTHWEST
SCALE: 1"=10'

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SCALE:
 HORZ.: 1" = 10'
 VERT.: 1" = 10'

DATUM:
 HORZ.: NAD 27
 VERT.: NGVD 29

GRAPHIC SCALE

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STATE OF CONNECTICUT
 CROSS - SECTIONS
 GREAT CREEK OUTLET STRUCTURE
 SILVER SANDS STATE PARK

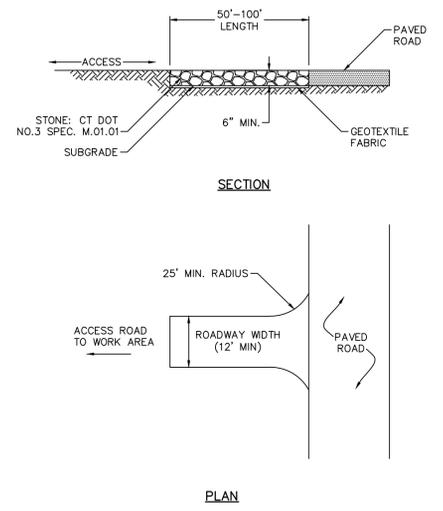
MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
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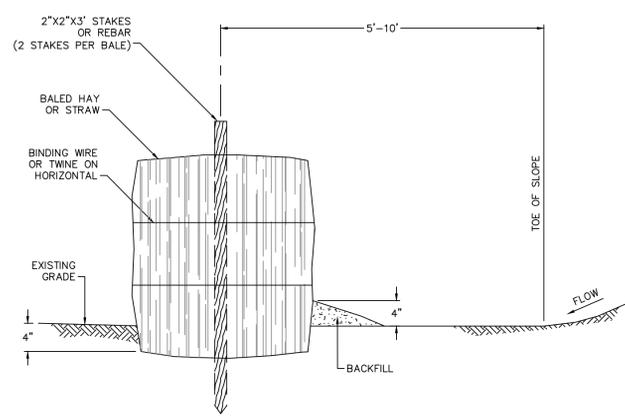
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EROSION & SEDIMENT CONTROL NOTES

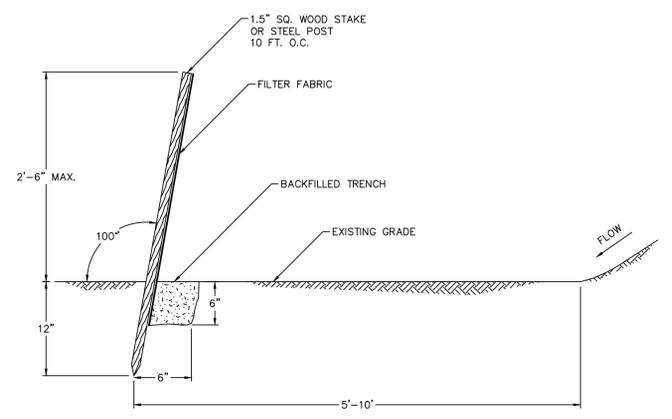
1. **CONSTRUCTION STANDARDS** – CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT EDITION OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (CT DEEP BULLETIN 34). ALL MEASURES SHALL BE MAINTAINED AND UPGRADED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
2. **PLAN IMPLEMENTATION** – IMPLEMENT THIS EROSION AND SEDIMENT CONTROL PLAN. THIS IMPLEMENTATION INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES UNTIL PERMANENT STABILIZATION IS ACHIEVED, INFORMING ALL SUBCONTRACTORS OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER MUNICIPAL AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY. THE OWNER SHALL BE RESPONSIBLE FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN TO THE NEW OWNER IF THE TITLE OF THE LAND IS TRANSFERRED PRIOR TO ACHIEVING PERMANENT STABILIZATION.
3. **INSTALLATION SCHEDULE** – INSTALL THE CONSTRUCTION ENTRANCE BEFORE CONSTRUCTION TRAFFIC INTO AND OUT OF THE PROJECT AREA BEGINS. INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO STUMP REMOVAL AND CONSTRUCTION. INSTALL ADDITIONAL CONTROL MEASURES DURING THE CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE OWNER, HIS AGENTS OR AGENTS OF THE MUNICIPALITY.
4. **FUGITIVE DUST** – CONTROL FUGITIVE DUST USING WATER SPRAYS OR CALCIUM CHLORIDE ON SOIL SURFACES, SWEEPING PAVED AREAS, TEMPORARY WINDBREAKS OR NON-ASPHALTIC SOIL TACKIFIERS.
5. **HAY BALE LIFE SPAN** – INSTALL HAY BALES WHERE PROTECTION AND EFFECTIVENESS IS REQUIRED FOR LESS THAN 90 DAYS. OTHERWISE, INSTALL SILT FENCE.
6. **CATCH BASINS** – PROTECT CATCH BASINS WITH PROPER CONTROLS THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
7. **STOCKPILES** – ENCIRCLE STOCKPILES OF ERODIBLE SOIL WITH A HAY BALE OR SILT FENCE BARRIER. THE SIDE SLOPES OF ERODIBLE STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2:1. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER THEY ARE FORMED.
8. **TOE OF SLOPE** – ESTABLISH AN EROSION CONTROL BARRIER (SILT FENCE OR HAY BALE BARRIER) APPROXIMATELY 5 TO 10 FEET FROM THE PROPOSED TOE OF THE CUT OR FILL AREA PRIOR TO BEGINNING EARTHWORK.
9. **SEDIMENT REMOVAL** – SEDIMENT REACHING ½ THE HEIGHT OF THE EROSION CONTROL BARRIER SHALL BE REMOVED. REMOVE AND DISPOSE OF SEDIMENT IN A MANNER CONSISTENT WITH THE INTENT OF THE PLAN.
10. **SOIL STABILIZATION SCHEDULE** – APPLY PERMANENT SOIL STABILIZATION MEASURES TO ALL GRADED AREAS WITHIN 7 DAYS OF ESTABLISHING FINAL GRADE. APPLY TEMPORARY SOIL STABILIZATION MEASURES IF FINAL GRADING IS TO BE DELAYED MORE THAN 30 DAYS.
11. **TEMPORARY SEEDING** – TEMPORARILY SEED ERODIBLE SOILS THAT WILL BE EXPOSED GREATER THAN 1 BUT LESS THAN 12 MONTHS WITHIN THE FIRST 7 DAYS OF SUSPENDING GRADING OPERATIONS. APPLY LIME AT A RATE OF 90 LBS/1000 SQ. FT. APPLY 10-10-10 FERTILIZER AT A RATE OF 7 ½ LBS/1000 SQ. FT. APPLY PERENNIAL RYE GRASS AT A RATE OF 2 LBS/1000 SQ. FT. TO A DEPTH OF ½ INCH. OPTIMUM SEEDING DATES ARE MARCH 15 TO JULY 1 AND AUGUST 1 TO OCTOBER 15. MULCH FOR SEED APPLIED WITHIN THE OPTIMUM SEEDING DATES SHALL BE APPLIED EVENLY SUCH THAT IT PROVIDES 80%-95% SOIL COVERAGE. MULCH FOR SEED APPLIED OUTSIDE OF THE OPTIMUM SEEDING DATES SHALL BE APPLIED EVENLY SUCH THAT IT PROVIDES 95%-100% COVERAGE.
12. **PERMANENT SEEDING** – SEED PERMANENT LAWN AREAS IN ACCORDANCE WITH THE SPECIFICATIONS.
13. **INSPECTION** – THE OWNER SHALL SECURE THE SERVICES OF A SOIL SCIENTIST OR PROFESSIONAL ENGINEER TO VERIFY IN THE FIELD THAT THE CONTROLS REQUIRED BY THIS PLAN ARE PROPERLY INSTALLED AND MAINTAINED. THESE INSPECTIONS SHALL BE NOT LESS FREQUENTLY THAN WEEKLY AND WITHIN 24 HOURS OF THE END OF A STORM HAVING A RAINFALL AMOUNT OF 0.1 INCH OR GREATER. FOLLOWING THESE INSPECTIONS, A WRITTEN REPORT SHALL BE PREPARED, INFORMING THE OWNER OR HIS AGENT NOT LESS FREQUENTLY THAN WEEKLY AND THE MUNICIPALITY NOT LESS FREQUENTLY THAN MONTHLY OF OBSERVATIONS, MAINTENANCE, AND CORRECTIVE ACTIVITIES UNDERTAKEN.



CONSTRUCTION ENTRANCE
NOT TO SCALE



HAY BALE BARRIER
NOT TO SCALE



SILT FENCE
NOT TO SCALE

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STATE OF CONNECTICUT

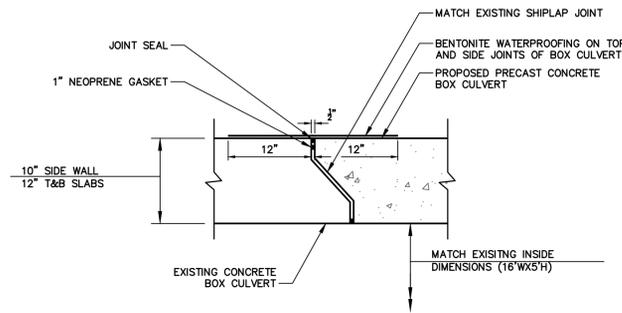
EROSION & SEDIMENT CONTROL DETAILS

GREAT CREEK OUTLET STRUCTURE
SILVER SANDS STATE PARK

MILFORD CONNECTICUT

PROJ. No.: 2000445.A30
DATE: JULY 2014

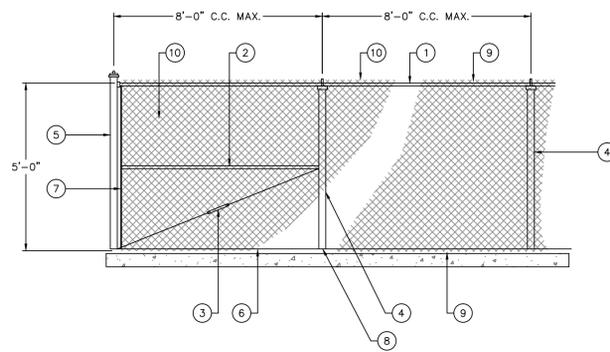
CE-501



NOTE:
CONTRACTOR TO VERIFY EXISTING WALL/SLAB THICKNESS, JOINT CONFIGURATION AND INSIDE DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.

BOX CULVERT JOINT DETAIL (PROPOSED BOX AT EXISTING BOX)

SCALE: 1" = 1'-0"



ELEVATION

CHAIN LINK FENCE

SCALE: N.T.S.

NOTES

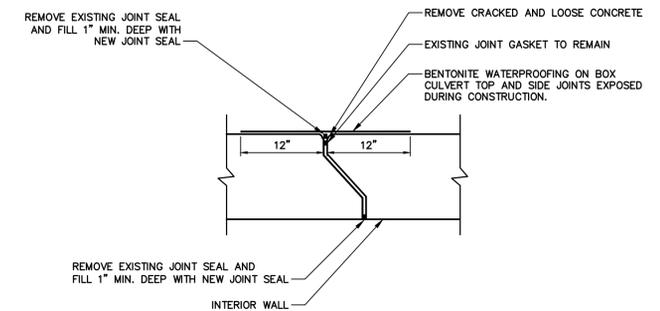
- FENCE DETAILS ARE INTENDED AS A GUIDE ONLY. ALL FENCE MATERIALS AND CONSTRUCTION METHODS SHALL BE APPROVED BY THE ENGINEER AND FENCE MANUFACTURER.
- GALVANIZE AND BLACK VINYL COAT ALL HARDWARE, POSTS AND FABRIC SELVAGE.

CHAIN LINK FENCE LEGEND

- 1 5/8" O.D. TOP RAIL ATTACH FABRIC WITH 9 GAUGE WIRE CLIP EVERY 24"
- 1 5/8" O.D. BRACE
- 5/16" TRUSS ROD AND TURNBUCKLE
- INTERMEDIATE POST - 2 1/2" SCH. 40
- END OR CORNER POST - 2 1/2" SCH. 40
- 6 GAUGE BOTTOM TENSION WIRE ATTACH TO FABRIC WITH HOG RING AT 24" C.C.
- TENSION ROD ATTACHED TO END OR CORNER POST
- SEE SEPARATE DETAILS FOR MOUNTING TO PILES AND HEADWALL.
- FABRIC SELVAGE: KNUCKLED TOP AND BOTTOM
- 9 GAUGE 2" WIRE MESH FABRIC (COMMERCIAL) GALVANIZED AND BLACK VINYL COATED.

CONCRETE REPAIR NOTES:

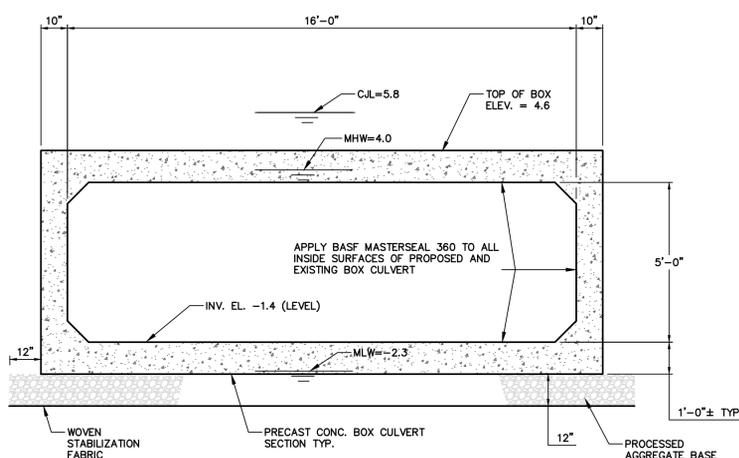
- 100% OF CONCRETE SURFACES SHALL BE SOUNDED IN ORDER TO DETERMINE THE LOCATION OF DETERIORATED CONCRETE.
- ALL AREAS OF DETERIORATION SHALL BE REMOVED TO SOUND CONCRETE BY MECHANICAL MEANS. ALL AREAS SHALL BE CLEANED OF LOOSE AND DETERIORATED CONCRETE AND SHALL BE FREE OF DUST AND DEBRIS PRIOR TO REPAIR.
- ANY STEEL REINFORCEMENT ENCOUNTERED DURING THE REMOVAL OF DETERIORATED CONCRETE SHALL BE THOROUGHLY PREPARED BY MECHANICAL CLEANING TO REMOVE ALL TRACES OF RUST.
- TYPE "A" CONCRETE REPAIR DETAIL SHALL BE USED FOR PATCHES THAT MEET THE FOLLOWING PARAMETERS:
A. THE AREA OF THE PATCH IS LESS THAN 3 SQ. FT.
B. THE PATCH DOES NOT EXCEED 3 FEET IN ANY DIMENSION.
C. THE DEPTH OF THE PATCH IS LESS THAN 1 1/2"
- TYPE "B" CONCRETE REPAIR DETAIL SHALL BE USED FOR PATCHES THAT MEET THE FOLLOWING PARAMETERS:
A. THE AREA OF THE PATCH IS GREATER THAN 3 SQ. FT.
B. THE PATCH EXCEEDS 3 FEET IN ANY DIMENSION.
C. 20% OR MORE OF THE PATCH IS GREATER THAN 1 1/2"
- TYPE "A" REPAIR SHALL USE SIKATOP 123 PLUS IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS OR APPROVED EQUAL.
- TYPE "B" REPAIR SHALL USE SIKAREPAIR SHB IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, OR APPROVED EQUAL.



EXISTING CULVERT JOINT REPAIR DETAIL

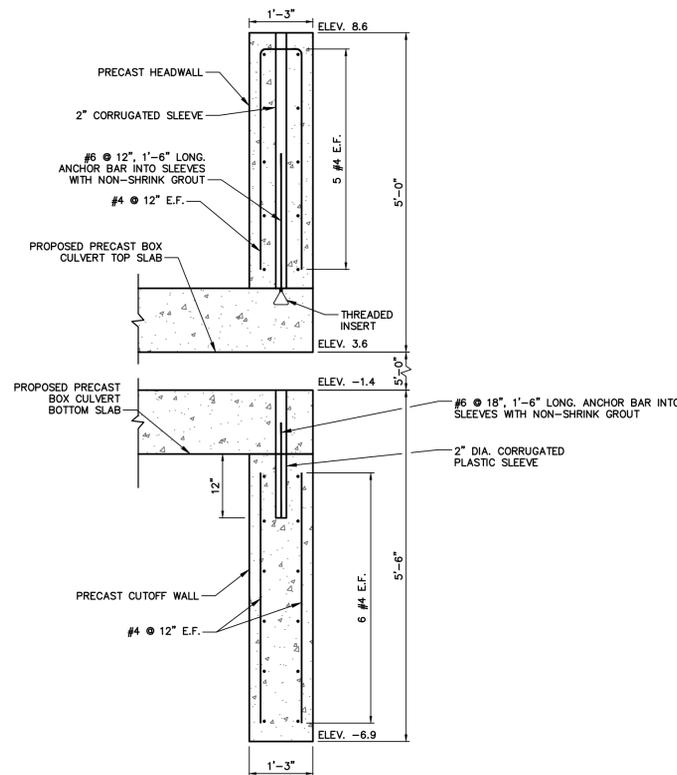
SCALE: 1" = 1'-0"

- NOTES:
- ALL CULVERT DIMENSIONS SHALL MATCH EXISTING BOX CULVERT.
 - PROVIDE 2" WIDE BENTONITE WATERPROOFING CENTERED ON TOP AND SIDE EXTERIOR JOINTS OF PROPOSED CULVERT.



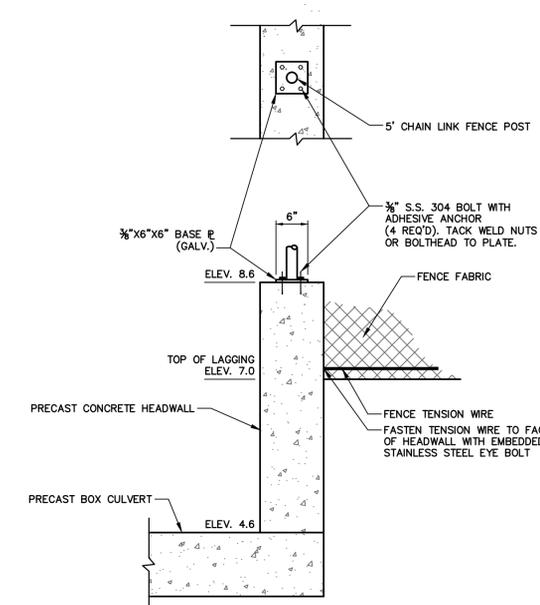
BOX CULVERT SECTION

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



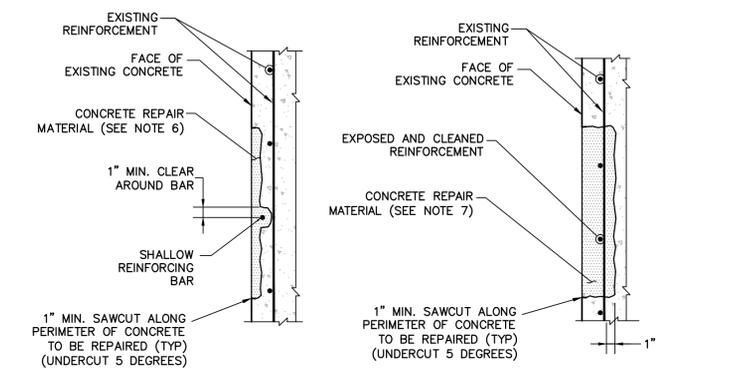
HEADWALL AND CUTOFF WALL DETAIL

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



FENCE POST ATTACHMENT AT PRECAST HEADWALL

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



TYPE "A" CONCRETE REPAIR DETAIL

SCALE: NOT TO SCALE

TYPE "B" CONCRETE REPAIR DETAIL

SCALE: NOT TO SCALE

CONCRETE SPALL REPAIR

SCALE: NOT TO SCALE

File Path: J:\DWG\2000\45\A30\Structural\Details\2004\45\A30_STR02_BOX_CULVERT.dwg Layout: CD-501 Plotted: Tue, July 08, 2014 - 3:00 PM User: Idangelo MS VIEW: PLOTTER: DWG TO PDF.PC3 CTB File: FOSTB LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	
SEAL	

SCALE:

HORIZ.: AS SHOWN

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DATUM:

HORIZ.:

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GRAPHIC SCALE

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STATE OF CONNECTICUT

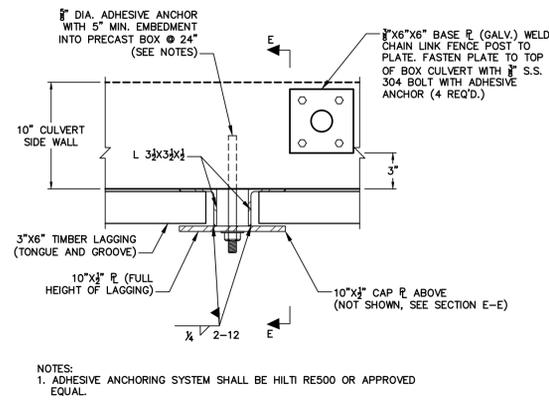
CULVERT DETAILS

GREAT CREEK OUTLET STRUCTURE
SILVER SANDS STATE PARK

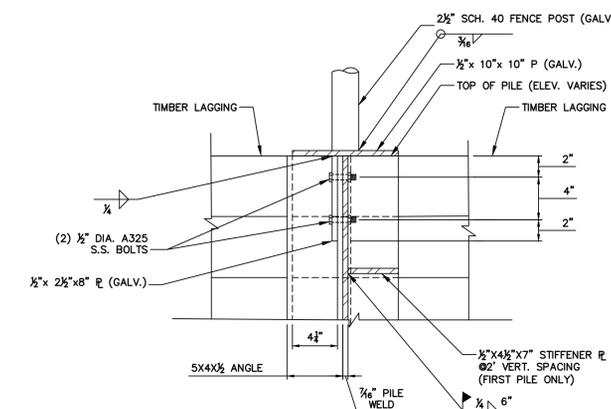
MILFORD CONNECTICUT

PROJ. No.: 200045.A30
DATE: JULY 2014

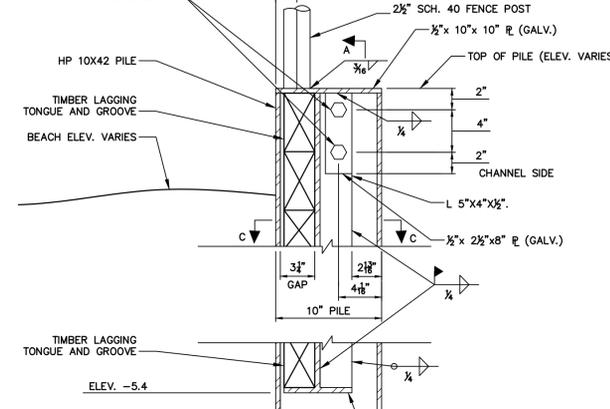
CD-501



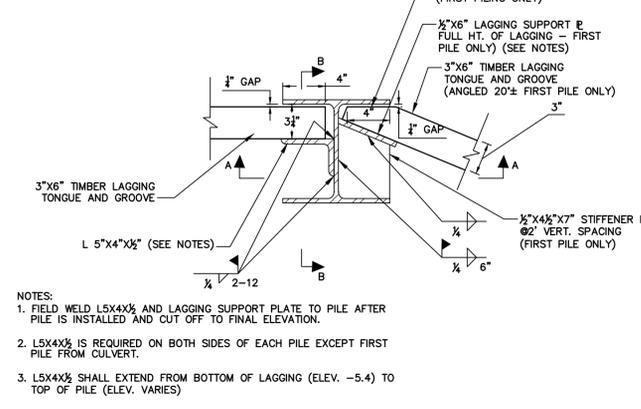
CULVERT LAGGING PLAN
SCALE: 1 1/2" = 1'-0"



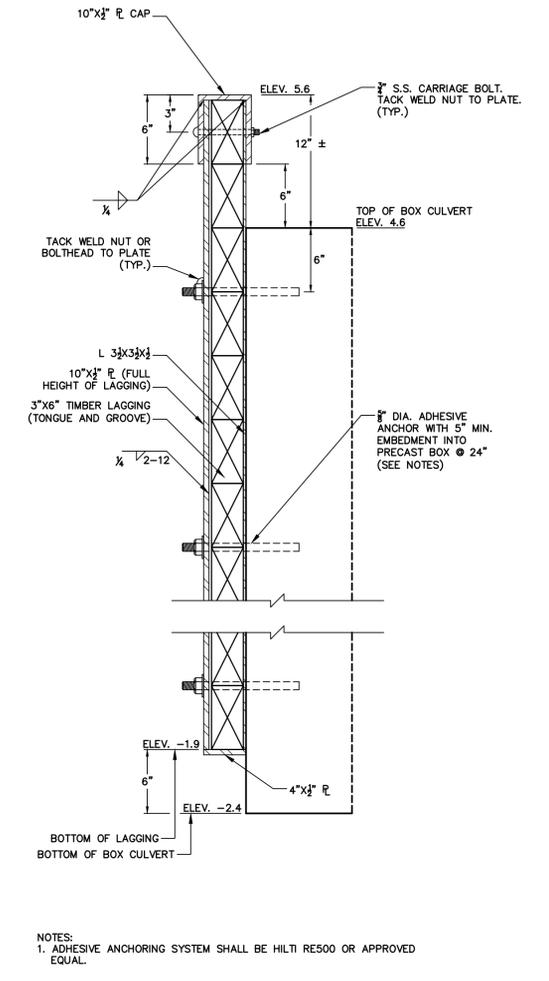
SECTION A-A
SCALE: 1 1/2" = 1'-0"



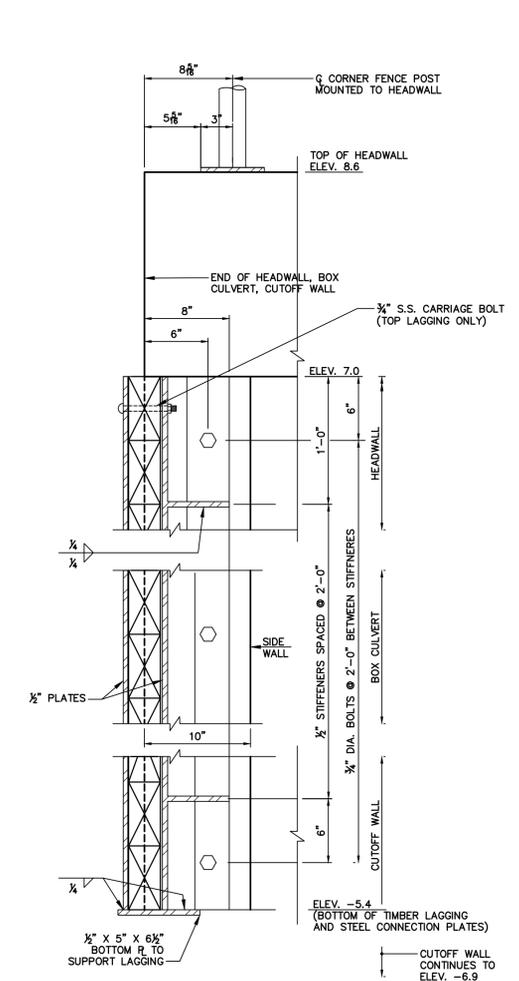
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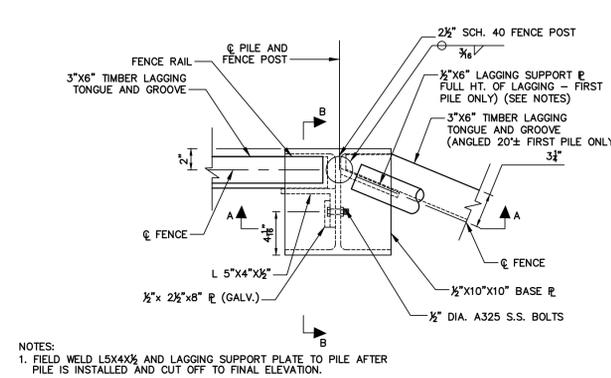
SECTION C-C
SCALE: 1 1/2" = 1'-0"



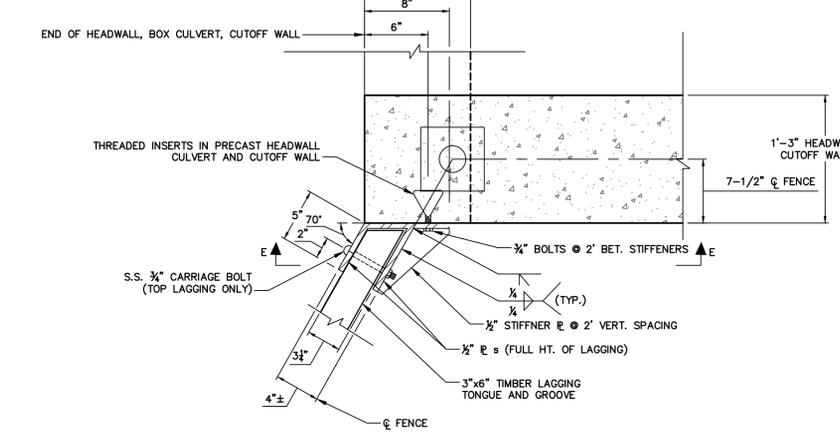
SECTION E-E
SCALE: 1 1/2" = 1'-0"



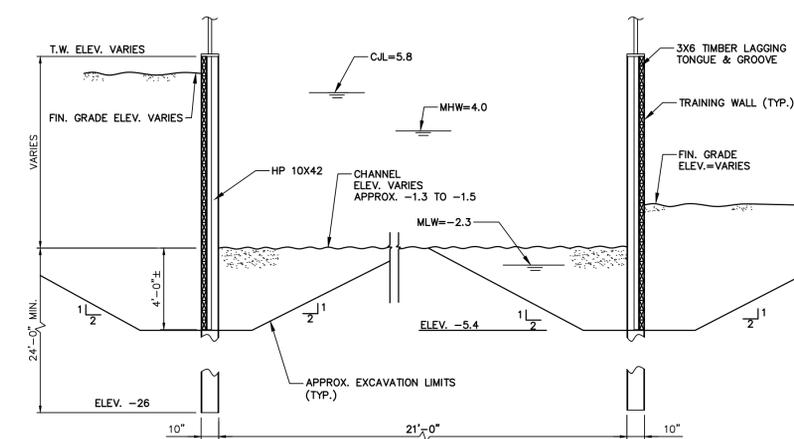
SECTION D-D
SCALE: 1 1/2" = 1'-0"



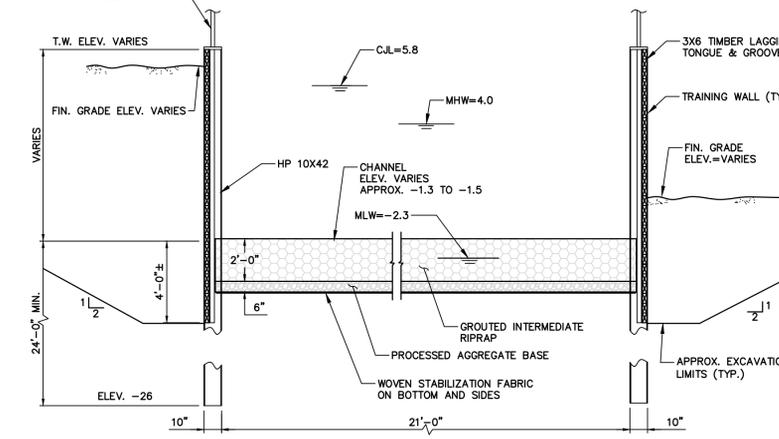
FENCE POST ON TRAINING WALL PLAN
SCALE: 1 1/2" = 1'-0"



TRAINING WALL LAGGING CONNECTION TO CULVERT
SCALE: 1 1/2" = 1'-0"



(D) TYPICAL SECTION THROUGH TRAINING WALLS
SCALE: 1/4" = 1'-0"



(E) SECTION THROUGH RIPRAP
SCALE: 1/4" = 1'-0"

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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL			
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SCALE:
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DATING:
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PROJ. No.: 2000445.A30
DATE: JULY 2014
CD-502

