

PERCOLATION TEST RESULTS
CONDUCTED BY LOUREIRO ENGINEERING
ASSOCIATES ON MARCH 24, 2023

PT-1
DEPTH: 122"

TIME (MIN)	MEASURE (INCHES)	RATE (MIN/IN)
0	5.75	---
1	7	0.80
2	8.25	0.80
3	8.75	2.0
4	9.125	2.7
5	9.5	2.7
6	10	2.0
7	10.375	2.7
8	10.75	2.7
9	11	4.0
10	11.5	2.0
11	11.875	2.7
12	12.125	4.0
13	12.375	4.0
14	12.5	8.0
15	13	2.0
16	13.125	8.0
17	13.25	8.0
18	13.5	4.0
19	13.75	4.0
20	14	4.0
21	14.25	4.0
<2" OF WATER REMAINING		
PERC RATE = 4.0 MIN/INCH		

PT-2
DEPTH: 108"

TIME (MIN)	MEASURE (INCHES)	RATE (MIN/IN)
0	11.5	---
1	12.5	1.0
2	13.5	1.0
3	14.375	1.1
4	15.125	1.3
5	15.875	1.3
6	16.375	2.0
7	17	1.6
8	17.5	2.0
PERC RATE = 2.0 MIN/INCH		

TEST PIT LOG: TP-51

OBSERVED BY LOUREIRO ENGINEERING ASSOCIATES AND LEDGE
LIGHT HEALTH DISTRICT ON MARCH 7, 2023

DEPTH	OBSERVATIONS
0-24"	GRAVEL, FILL
24"-68"	DARK BROWN FINE SANDY LOAM. CONCRETE DEBRIS W/ REBAR FOUND
68"-75"	BURIED TOPSOIL LAYER
75"-93"	TAN GREY FINE SANDY LOAM WITH GRAVEL
93"-150"	ORANGE BROWN MEDIUM-COARSE SAND AND GRAVEL W/ COBBLES

*ROOTS TO 93"
*GROUNDWATER AT 130"
*NO REFUSAL

TEST PIT LOG: TP-52

OBSERVED BY LOUREIRO ENGINEERING ASSOCIATES AND LEDGE
LIGHT HEALTH DISTRICT ON MARCH 24, 2023

DEPTH	OBSERVATIONS
0-62"	FILL
62"-84"	ORIGINAL TOPSOIL
84"-111"	DARK BROWN MEDIUM-COARSE SAND WITH GRAVEL AND COBBLES
111"-150"	TAN MEDIUM SAND, SOME GRAVEL

*ROOTS TO 62"
*GROUNDWATER AT 130"
*NO REFUSAL
*NO MOTTLING

TEST PIT LOG: TP-53

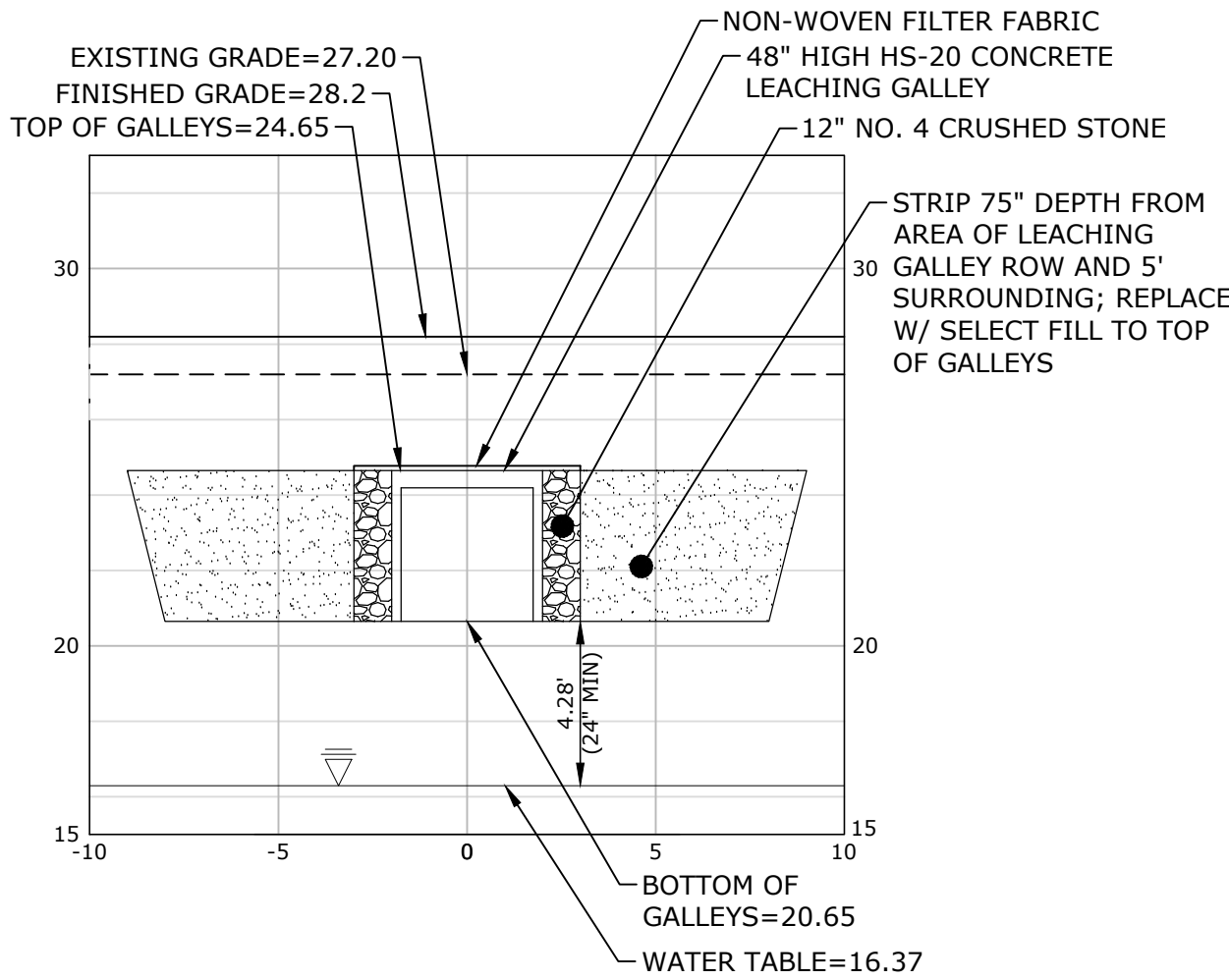
OBSERVED BY LOUREIRO ENGINEERING ASSOCIATES AND LEDGE
LIGHT HEALTH DISTRICT ON MARCH 24, 2023

DEPTH	OBSERVATIONS
0-79"	FILL
79"-105"	ORIGINAL TOPSOIL
105"-128"	ORANGE BROWN MEDIUM-COARSE SAND WITH GRAVEL AND COBBLES

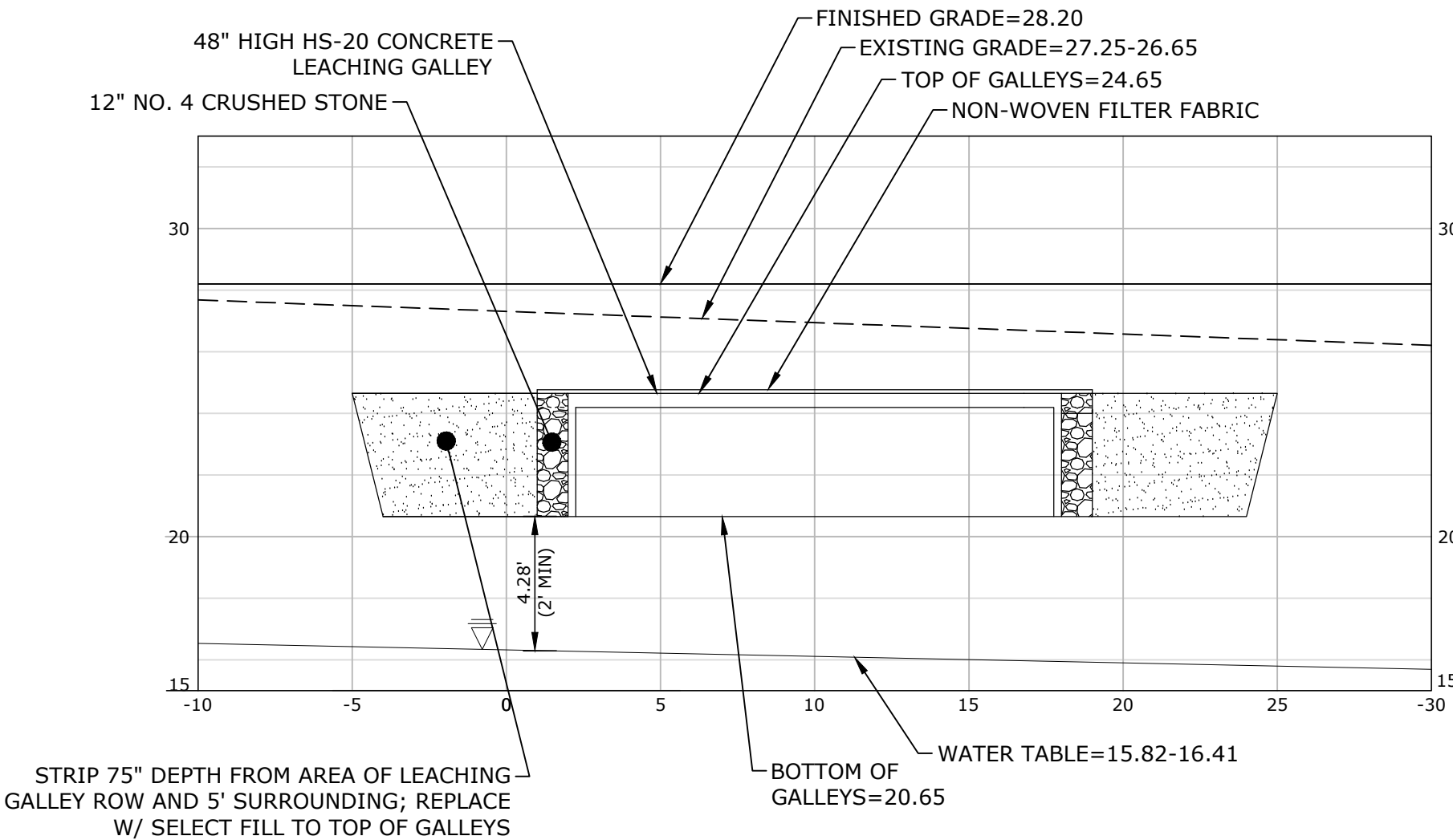
*ROOTS TO 105"
*GROUNDWATER AT 128"
*NO REFUSAL
*NO MOTTLING

SUBSURFACE SEWAGE DISPOSAL SYSTEM (SSDS) CONSTRUCTION NOTES:

- REFER TO SOIL EROSION AND SEDIMENT CONTROL PLAN FOR EROSION PROTECTION.
- PROCEDURES FOR THE INSTALLATION OF FILL:
 - NO EXCAVATION SHALL OCCUR PRIOR TO NOTIFYING "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 OR 811.
 - INSTALL EROSION CONTROL ALONG THE DOWN-GRADIENT LIMITS OF FILL IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 - STRIP ALL VEGETATION, ORGANIC MATTER AND UNSUITABLE OVERBURDEN INCLUDING THE BURIED TOPSOIL TO A DEPTH OF 84-INCHES BELOW GRADE IN THE AREA OF AND TEN FEET SURROUNDING THE NEW LEACHING SYSTEM. REMOVE ANY UNSUITABLE MATERIAL WHICH MAY INTERFERE WITH THE PROPER FUNCTION OF THE SYSTEM.
 - SCARIFY THE SURFACE IN THE PROPOSED LEACHING SYSTEM AREA PRIOR TO PLACING ANY SELECT FILL MATERIAL. AVOID COMPACTING THE SCARIFIED AREA. FILL SHALL NOT BE PLACED OVER SNOW OR FROZEN GROUND. DISCONTINUE FILL PLACEMENT DURING HEAVY RAINFALL AND A MINIMUM OF 24 HOURS THEREAFTER.
 - SELECT FILL SHALL BE PLACED WITHIN OR ADJACENT TO THE LEACHING SYSTEM PER THE PLAN AND SHALL MEET THE REQUIREMENTS OF SECTION VIII.A OF THE TECHNICAL STANDARDS. SELECT FILL SHALL BE PLACED TO THE TOP OF THE PROPOSED LEACHING GALLEYS AND SHALL EXTEND A MINIMUM OF FIVE FEET LATERALLY IN ALL DIRECTIONS BEYOND THE OUTER PERIMETER OF THE LEACHING SYSTEM AND TO DEPTHS INDICATED IN THE CROSS SECTION. THE SELECT FILL MATERIAL SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 90% DENSITY.
 - A SIEVE ANALYSIS FROM A SOIL TESTING LABORATORY SHALL BE PROVIDED TO LEDGE LIGHT HEALTH DISTRICT FOR ALL SELECT FILL MATERIAL TO DEMONSTRATE COMPLIANCE WITH THE TECHNICAL STANDARDS.
 - NATIVE SOIL OR COMMON FILL SHALL BE USED AS BACKFILL BEYOND THE LIMITS OF SELECT FILL AND BELOW THE TOPSOIL LAYER.
- NO UTILITIES SHALL BE INSTALLED THROUGH ANY PORTION OF THE LEACHING SYSTEM.
- SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF PROCESSED AGGREGATE OR BROKEN STONE PLACED ON COMPACTED SUBGRADE. BACKFILL AROUND THE TANK SHALL BE PLACED AND COMPACTED IN SIX INCH LIFTS.
- HS-20 SEPTIC TANK SHALL BE EQUIPPED WITH RISERS TO GRADE EQUIPPED WITH CAST IRON MANHOLE COVERS WITH A MINIMUM WEIGHT OF 59 POUNDS EQUIPPED WITH A LOCKING FEATURE.
- THE NEW SSDS SHALL BE STAKED BY A LICENSED SURVEYOR AND A BENCH MARK SHALL BE ESTABLISHED AT THE LOCATION SHOWN ON THE SSDS PLAN.
- THE INSTALLER SHALL SUBMIT TO LEDGE LIGHT HEALTH DISTRICT UPON 30 DAYS OF COMPLETION SCALED OR TIED AS-BUILT DRAWINGS OF ALL SSDS COMPONENTS. THE DRAWING SHALL INCLUDE THE NAME OF THE INSTALLER, DATE AND PROPERTY LOCATION/ADDRESS.
- ALL STORM AND/OR ROOF DRAINS WITHIN 25 FEET OF THE SEPTIC SYSTEM SHALL BE TIGHT PIPE WITH NO FREE-DRAINING BEDDING MATERIAL IN TRENCH.
- UTILITY TRENCHES AND WATER MAINS/SERVICES LOCATED WITHIN 25 FT OF THE SEPTIC SYSTEM SHALL BE BACKFILLED WITH NON-FREE DRAINING MATERIAL.
- ALL TANKS REQUIRING RISERS SHALL MAINTAIN THE ORIGINAL COVERS ON THE TANKS, OR INSTALL A SECONDARY SAFETY DEVICE IN THE RISER TO PREVENT INDIVIDUALS FROM FALLING INTO TANK. ALL BELOW GRADE TANK OR RISER COVER HANDLES SHALL CONTAIN OR BE FILLED WITH A MATERIAL THAT CAN BE LOCATED WITH A METAL DETECTOR.
- PLACEMENT OF PIPE JOINTS WHERE DRAINAGE OR WATER LINES CROSS OVER ANY SSDS PIPES SHALL BE AVOIDED.

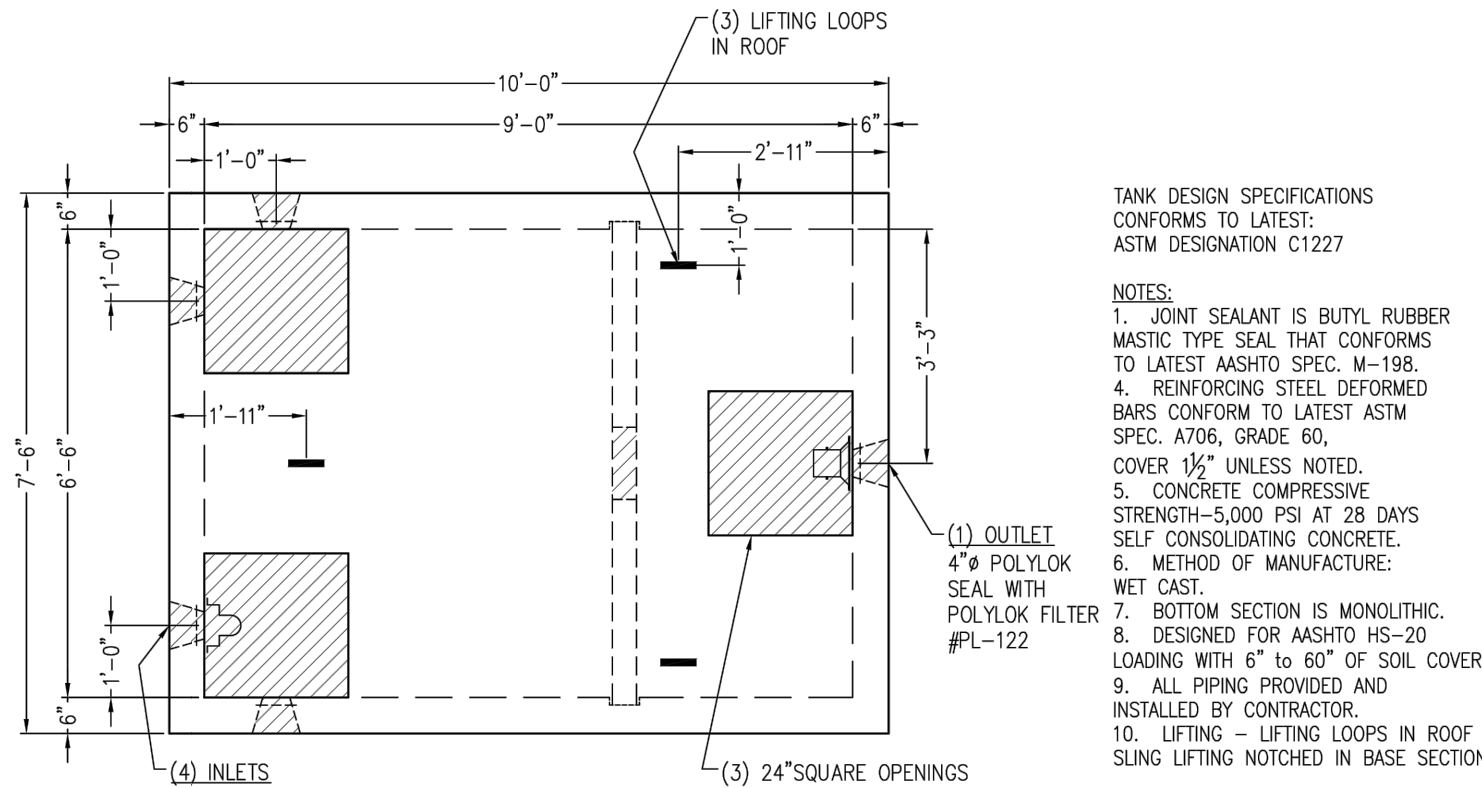


A-A SECTION VIEW
SCALE: 1"=5'H&V



B-B SECTION VIEW
SCALE: 1"=5'H&V

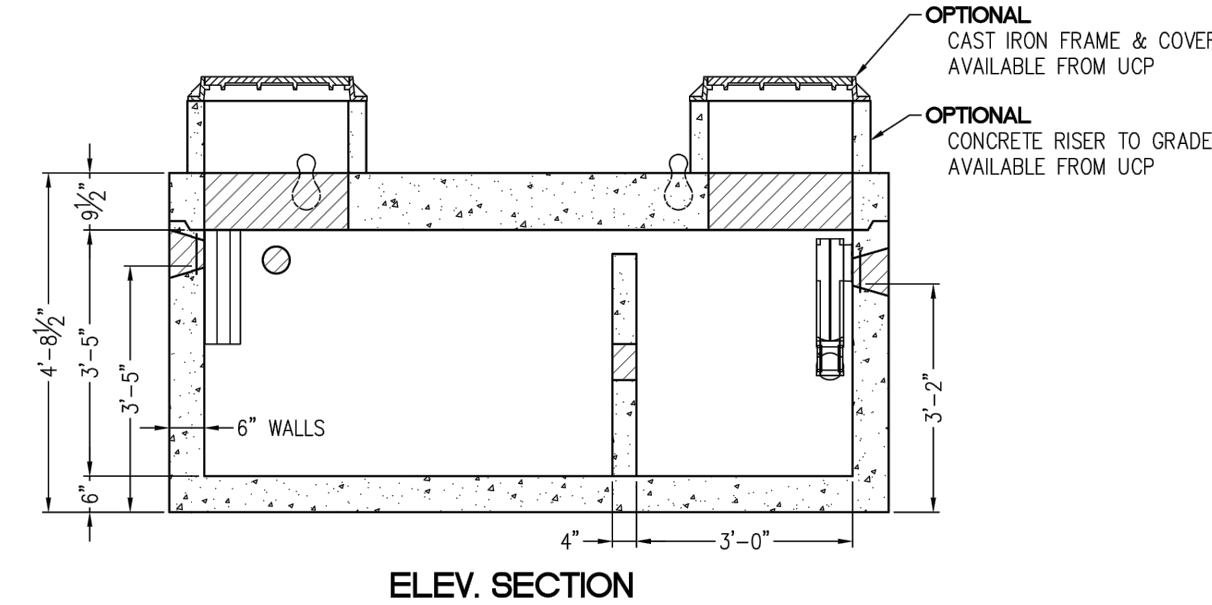
NOTE: INCLUDES FUTURE EXPANSION. SEE NOTE 8 ON SHEET 9.



TANK DESIGN SPECIFICATIONS
CONFORMS TO LATEST
ASTM DESIGNATION C1227

- NOTES:
- JOINT SEALANT IS BUTYL RUBBER MASTIC TYPE SEAL THAT CONFORMS TO LATEST AASHTO SPEC. M-198.
 - REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPEC. A615, GRADE 60.
 - COVER 1/2" UNLESS NOTED.
 - CONCRETE COMPRESSIVE STRENGTH-5000 PSI AT 28 DAYS.
 - SELF CONSOLIDATING CONCRETE.
 - METHOD OF MANUFACTURE: WET CAST.
 - BOTTOM SECTION IS MONOLITHIC.
 - DESIGNED FOR AASHTO HS-20 LOADING WITH 6" to 80" OF SOIL COVER.
 - ALL PIPING PROVIDED AND INSTALLED BY CONTRACTOR.
 - LIFTING - LIFTING LOOPS IN ROOF SLING LIFTING NOTCHED IN BASE SECTION.

WEIGHT CHART	
PRODUCT	APPROX. WEIGHT
TANK W/BAFFLE	24,900 LBS.



1,250 GALLON HS-20 SEPTIC TANK
NOT TO SCALE

4'x4'x4' GALLEY
HS-20 LEACHING
CHAMBER

GALLEY DESIGN SPECIFICATIONS
CONFORMS TO LATEST:
ASTM DESIGNATION C913

NOTES:

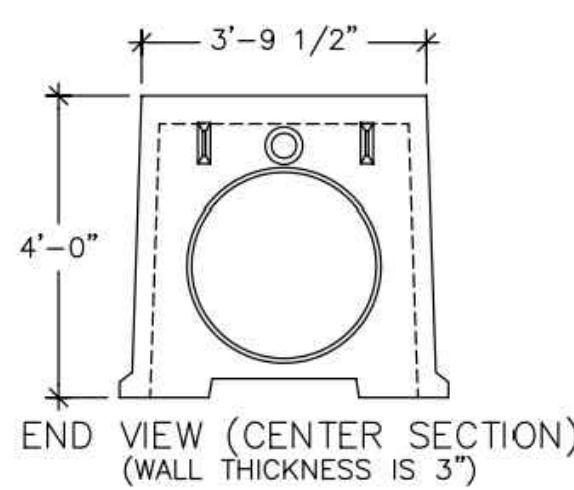
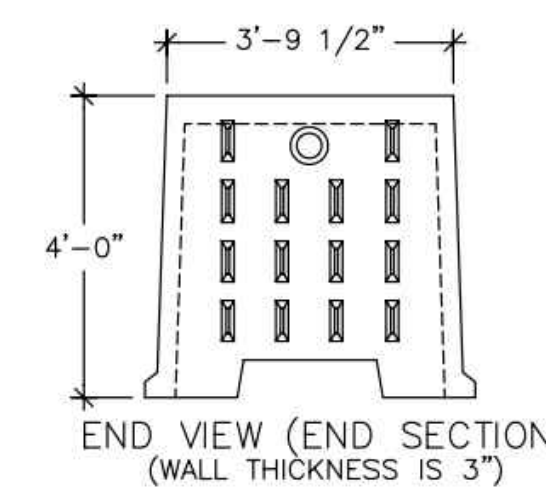
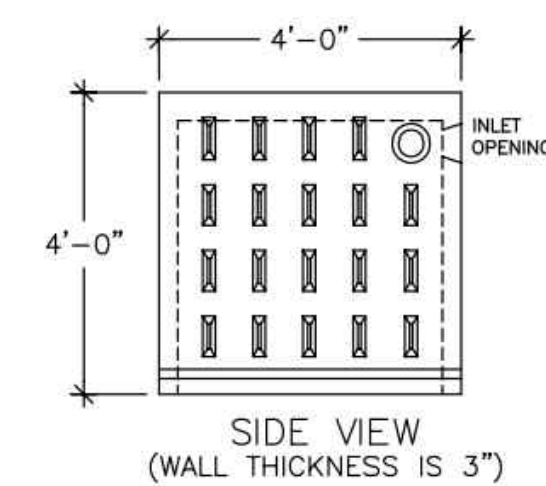
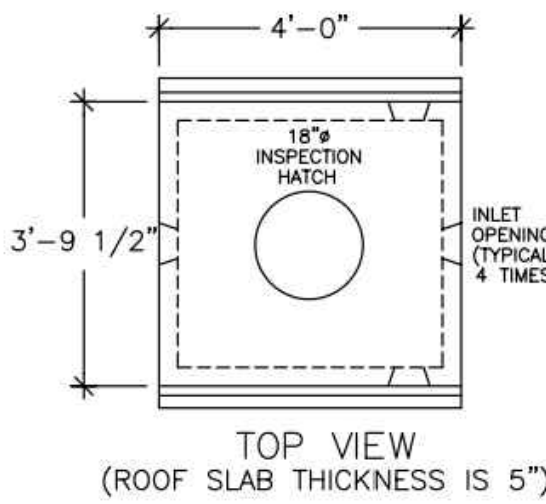
- PIPE INLET LOCATIONS HAVE 4" DIAMETER KNOCKOUTS, TYPICAL. CUSTOM KNOCKOUTS CAN BE CAST ON REQUEST.
- REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A615.
- CONCRETE COMPRESSIVE STRENGTH- 4000 PSI AT 28 DAYS.
- METHOD OF MANUFACTURE: WET CAST.
- SECTION IS MONOLITHIC.
- THE GALLEY IS DESIGNED FOR HS-20 LOADING w/18" OF SOIL COVER.

WEIGHT CHART

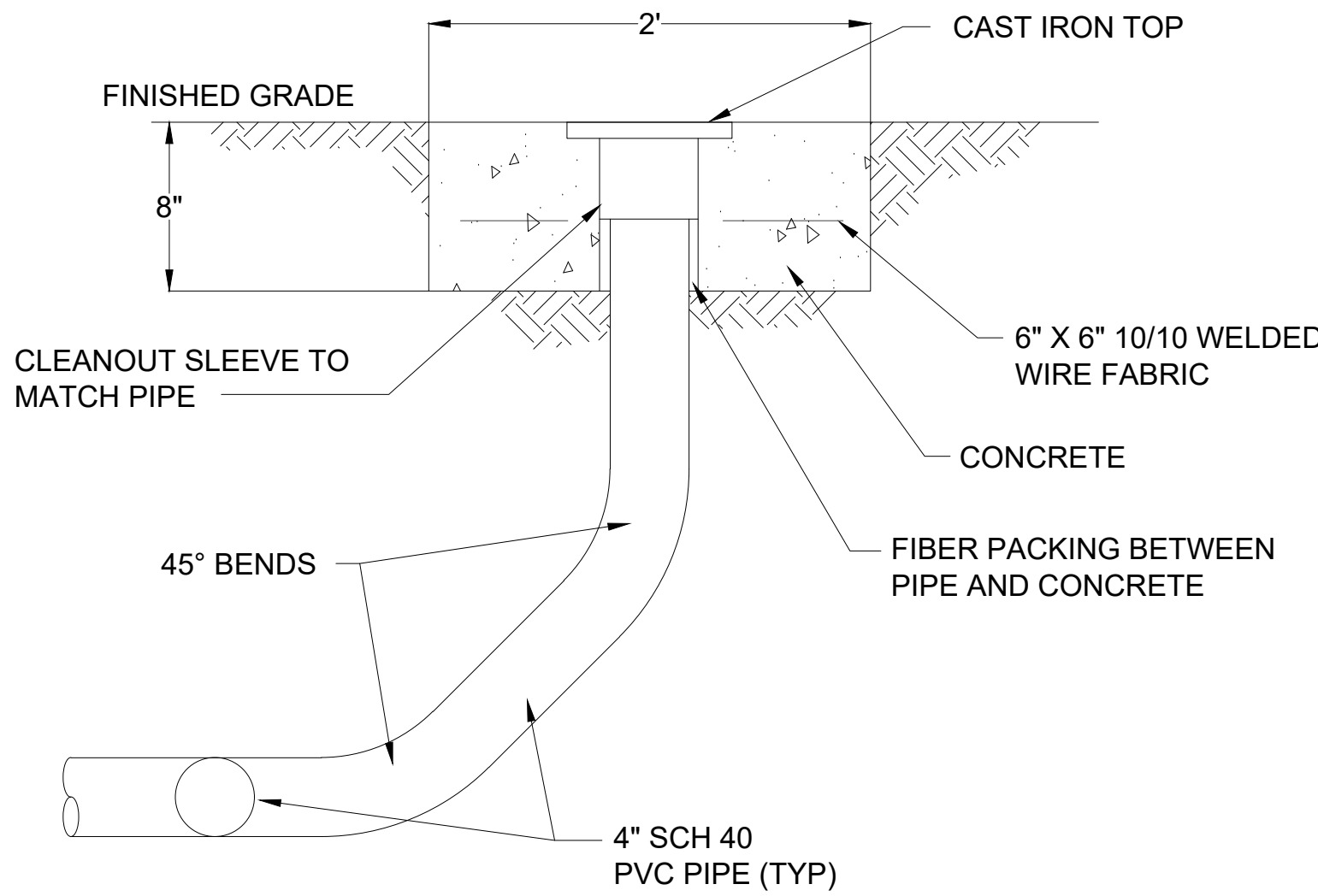
PRODUCT	APPROX WEIGHT
4'x4'x4' GALLEY	2200 LBS.

LEACHING DATA

FLOW LINE (INCHES)	LEACHING (GAL/LIFT)	LEACHING (LIFT/2 UNITS)	INSIDE CAPACITY (GALLONS)
38	9.2	36.8	330



48" HIGH HS-20 LEACHING GALLEY
NOT TO SCALE



SEWER CLEANOUT DETAIL
NOT TO SCALE



THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES
IN THE FIELD BEFORE BEGINNING ANY EXCAVATION. CALL AT
LEAST 72 HOURS IN ADVANCE FROM ANYWHERE IN THE STATE
OF CONNECTICUT, "CALL BEFORE YOU DIG": 1-800-922-4455

PZC PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

PZC CHAIRMAN OR SECRETARY _____ DATE _____

SUBSURFACE SEWAGE DISPOSAL SECTIONS, DETAILS & NOTES

GALES FERRY INTERMODAL
1761 ROUTE 12, GALES FERRY, CONNECTICUT 06335
GALES FERRY INTERMODAL LLC
343 SOUTH STREET, CONNECTICUT 06248



SCALE	AS NOTED	DATE	DATE
		11/18/2024	11/18/2024

DRAWN BY	APPROVED BY
ESP	GFA

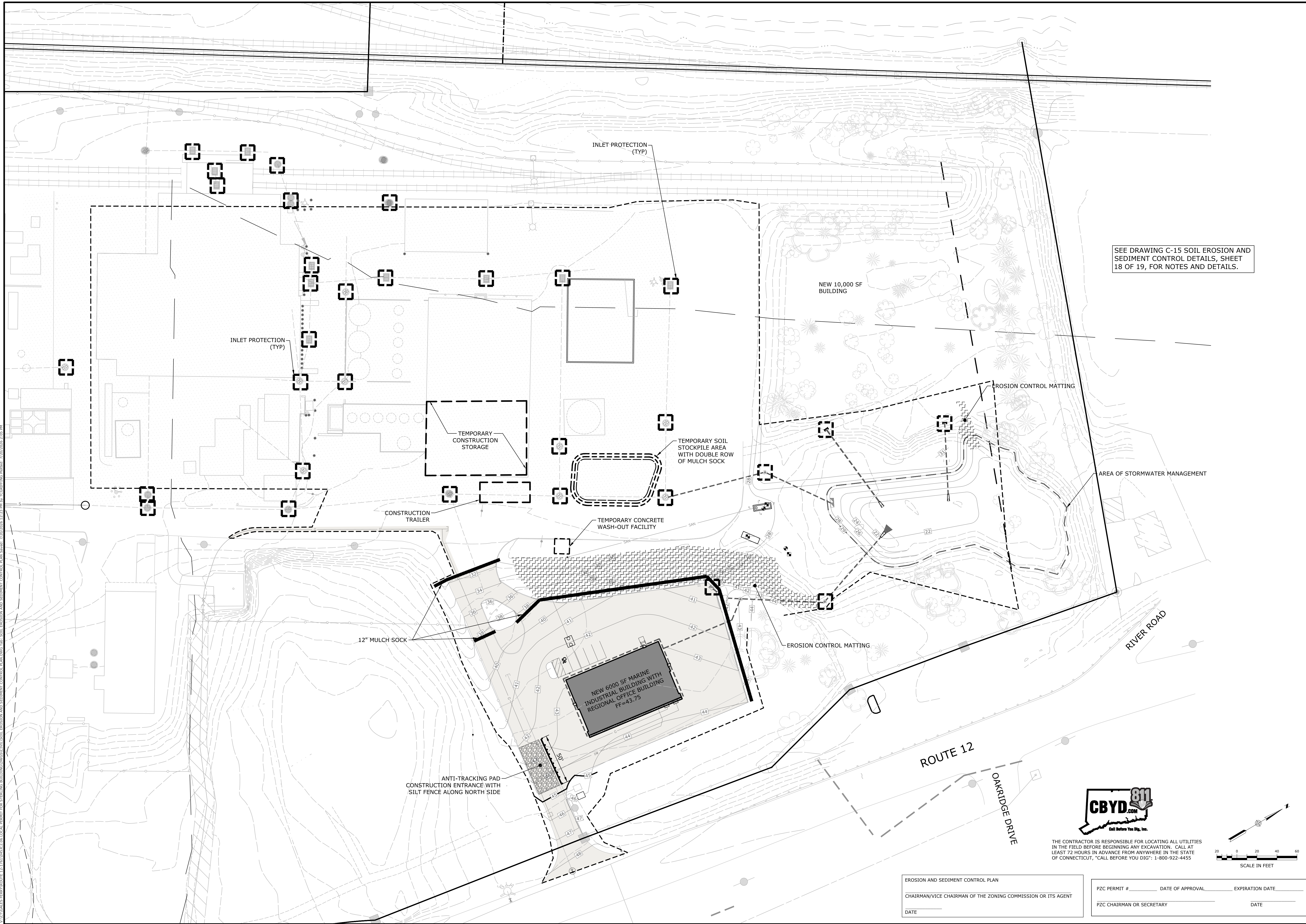
CONTRACT NO.	DATE
04512C.06	11/18/2024

PROJECT NO.	DATE
04512C.06	11/18/2024

PROJECT NO.	DATE
04512C.06	11/18/2024

PROJECT NO.	DATE
04512C.06	11/18/2024

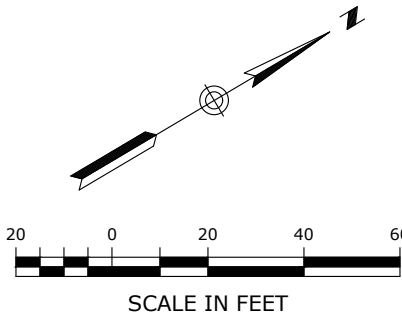
\\ACT\GALES_FERRY\ROUTE 12 - TRAIL\USC2-06 LOCAL PERMIT FOR STERLING BUILDING\SC01\SOIL EROSION AND SEDIMENT CONTROL PLAN SWD-1720\2024 12-23 PM 19, TCS\BRIEFING PERMIT_7/20/2024 2:05 PM



SEE DRAWING C-15 SOIL EROSION AND SEDIMENT CONTROL DETAILS, SHEET 18 OF 19, FOR NOTES AND DETAILS.



THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD BEFORE BEGINNING ANY EXCAVATION. CALL AT LEAST 72 HOURS IN ADVANCE FROM ANYWHERE IN THE STATE OF CONNECTICUT, "CALL BEFORE YOU DIG": 1-800-922-4455



EROSION AND SEDIMENT CONTROL PLAN

CHAIRMAN/VICE CHAIRMAN OF THE ZONING COMMISSION OR ITS AGENT

DATE

PZC PERMIT # DATE OF APPROVAL EXPIRATION DATE

PZC CHAIRMAN OR SECRETARY

DATE

SOIL EROSION AND SEDIMENT CONTROL PLAN

GALES FERRY INTERMODAL
1761 ROUTE 12, GALES FERRY, CONNECTICUT 06335
GALES FERRY INTERMODAL LLC
383 SOUTH STREET, SUITE 101, GALESFERRY, CT 06335

DRAWING
C-9

SHEET NO. 11 NO. OF SHEETS 19



Loureiro
Water • Facility Services • Laboratory
Engineering • Construction • EIR • EIR • EIR
Loureiro Engineering Associates, Inc.
1761 ROUTE 12, GALES FERRY, CT 06335
Phone: 860-747-6181 • Fax: 860-747-8822
Email: info@leai.com
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SCALE 1"=40'
CORN. NO. 04512.06
DRAWN BY ESP DATE 11/18/2024
APPROVED BY GFA DATE 11/18/2024

REV.	DESCRIPTION OF REVISION	DATE	APP.
1	SITE PLAN MODIFICATION	7/20/2026	KAP

PLANT SCHEDULE					
KEY	QTY.	TECHNICAL NAME	COMMON NAME	SIZE	COND.
DECIDUOUS TREES					
ARA	2	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG RED MAPLE	2"-2.5" CAL.	B&B
CFN	1	CORNUS FLORIDA 'CLOUD 9'	CELESTIAL DOGWOOD	2"-2.5" CAL.	B&B
BG	1	NYSSA SYLVATICA	BLACK GUM	2"-2.5" CAL.	B&B
OV	2	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	2"-2.5" CAL.	B&B
EVERGREEN TREES					
JV	4	JUNIPERUS VIRGINIANA	RED CEDAR	5'-6' HT.	B&B
NS	1	PICEA ABIES	NORWAY SPRUCE	6'-8' HT.	B&B
DECIDUOUS SHRUBS					
AT	10	AMSONIA TABERNAEMONTANA 'BLUE ICE'	BLUE STAR	1 GAL.	CONT.
MB	10	MONARDA BRADBURNIA	EASTERN BEEBALM	1 GAL.	CONT.
EVERGREEN SHRUBS					
JO	2	ILEX OPACA 'JERSEY PRINCESS'	AMERICAN HOLLY	6"-7" HT.	B&B
TOS	45	THUJA OCCIDENTALIS 'SMARAGO'	EMERALD GREEN ARBORVITAE	5'-6' HT.	CONT.

1. AS CONSTRUCTION PROGRESSES, FINE GRADE AND SEED OR SOD AS SOON AS POSSIBLE TO REDUCE RUNOFF.
2. ALL PLANTING BEDS TO BE TOPSOILED TO A DEPTH OF 12".
3. IN ALL SHRUB BEDS TO RECEIVE MASS PLANTING, PROVIDE PINE BARK MULCH AS DETAILED. ESTABLISH A NEAT, SMOOTH EDGE BETWEEN MULCH AND LAWN.
4. ADJUSTMENTS IN THE LOCATIONS OF PLANT MATERIALS MAY BE NECESSARY DUE TO LOCATIONS OF UTILITIES. ADJUSTMENTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
5. PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLAN DRAWINGS; THE QUANTITIES IN THE PLANT LIST ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE DRAWING SYMBOLS PREVAIL OVER THE PLANT LIST QUANTITIES.
6. FINAL LOCATION AND QUANTITY OF PROPOSED TREES TO BE DETERMINED ON-SITE BY APPROVAL OF TOWN STAFF.

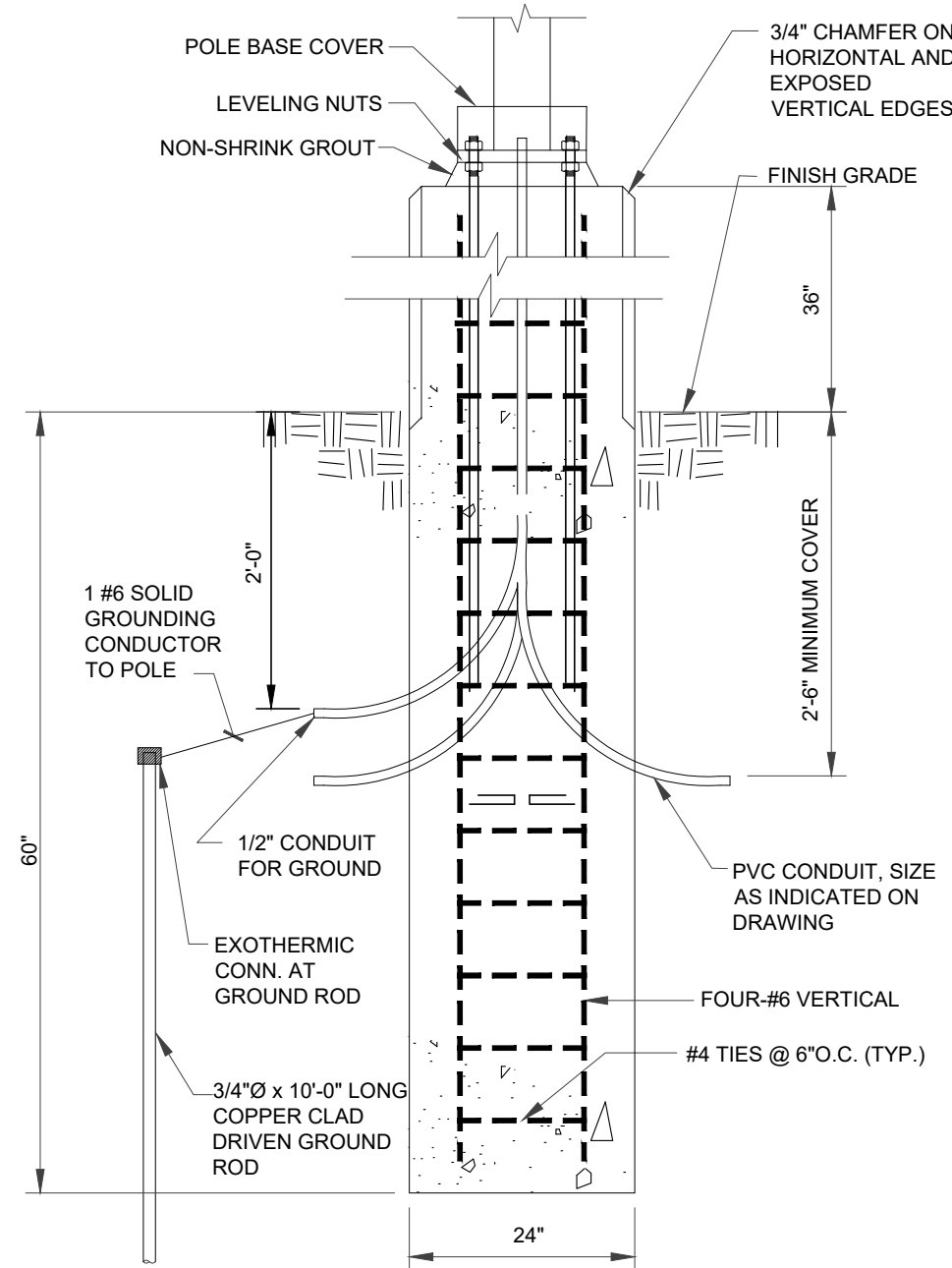


THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD BEFORE BEGINNING ANY EXCAVATION. CALL AT LEAST 72 HOURS IN ADVANCE FROM ANYWHERE IN THE STATE OF CONNECTICUT, "CALL BEFORE YOU DIG": 1-800-922-4455

PZC PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

PZC CHAIRMAN OR SECRETARY _____ DATE _____

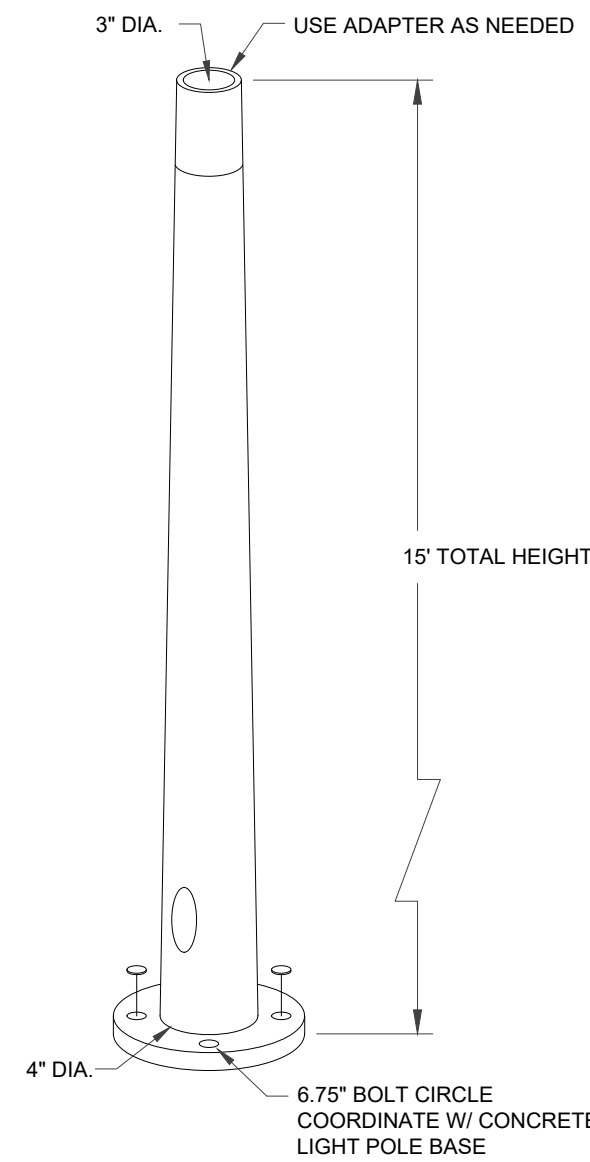
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- NOTES
1. CONCRETE SHALL BE 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
 2. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
 3. LAP ALL BARS 36 BAR DIAMETERS.
 4. GRIND AND GROUT CLEAN ALL EXPOSED CONCRETE SURFACES TO OBTAIN UNIFORM FINISH APPEARANCE.
 5. BASE CAN BE CAST-IN-PLACE OR PRECAST AT CONTRACTOR'S OPTION.

LIGHT POLE BASE

SCALE: NONE



NOTE: COORDINATE POLE WITH BASE.

TAPERED ALUMINUM LUMINAIRE POLE

SCALE: NONE

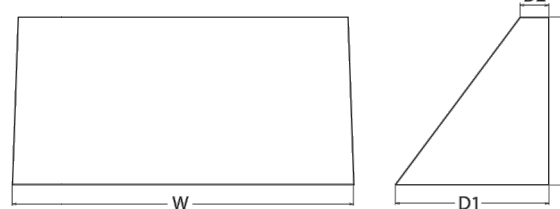


WEDGE3 LED Architectural Wall Sconce



Specifications

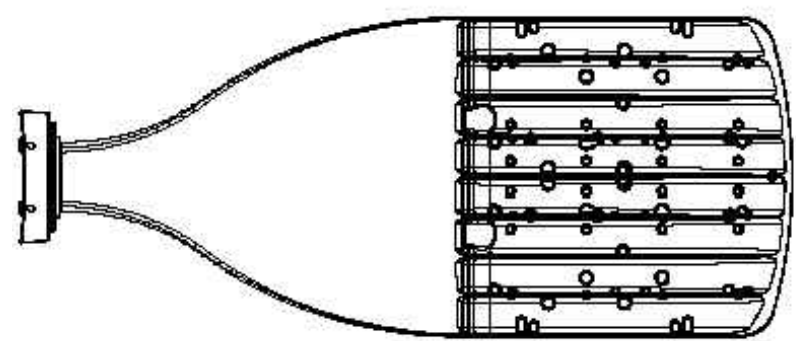
Depth (D1): 8"
Depth (D2): 1.5"
Height: 9"
Width: 18"
Weight: 19.5 lbs
(without options)



NOTES
LITHONIA LIGHTING COMMERCIAL OUTDOOR, WEDGE3 LED ARCHITECTURAL WALL SCONCE FULL CUT OFF LUMINAIRE TO BE COORDINATED IN SHOP DRAWING TO REFLECT PHOTOMETRIC DISTRIBUTION SHOWN.

WALL PACK LIGHT

SCALE: NONE

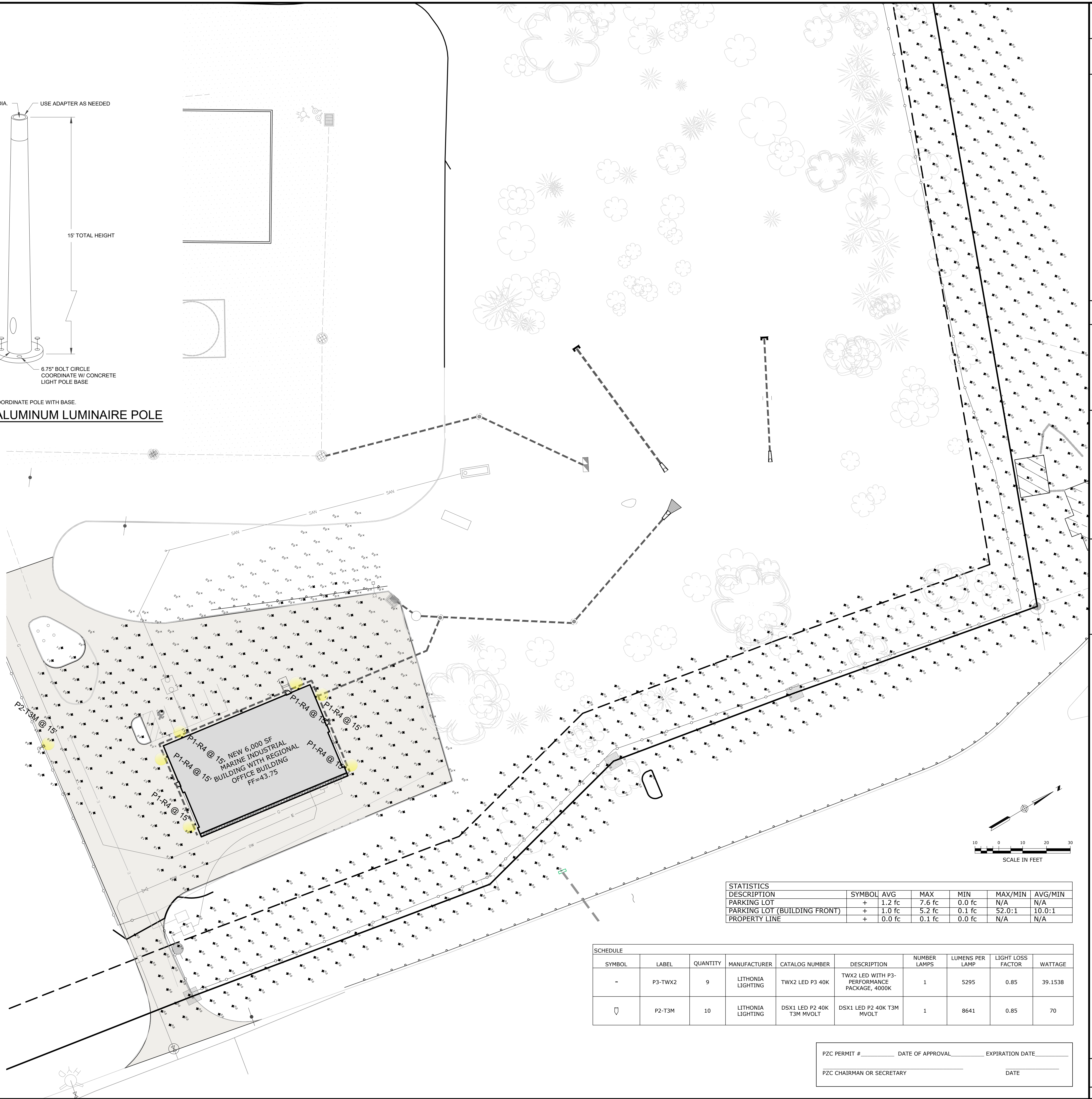
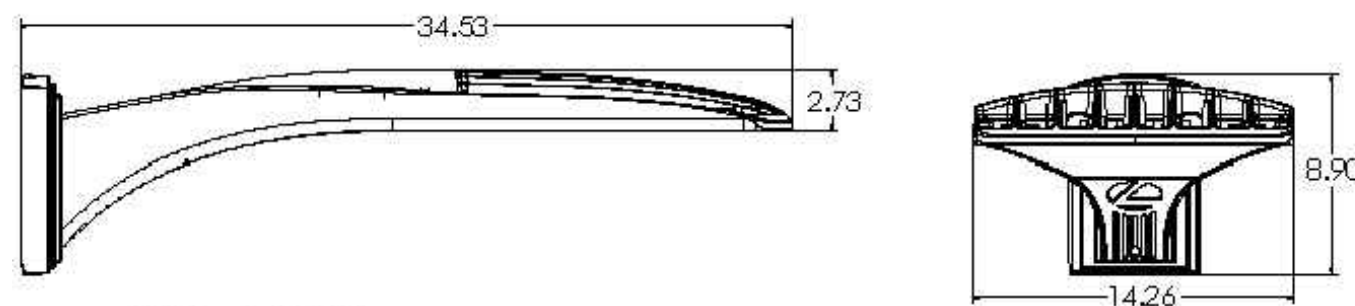


DSX1 with WBA

NOTES
LITHONIA LIGHTING, DSX1 LED WITH WBA, P2, 40K, T3M/TFTM, MVOLT, HS (POLE MOUNT).

POLE MOUNTED LIGHT

SCALE: NONE



STATISTICS	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
DESCRIPTION						
PARKING LOT	+	1.2 fc	7.6 fc	0.0 fc	N/A	N/A
PARKING LOT (BUILDING FRONT)	+	1.0 fc	5.2 fc	0.1 fc	52.0:1	10.0:1
PROPERTY LINE	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A

SCHEDULE									
SYMBOL	LABEL	QUANTITY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	NUMBER LAMPS	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
-	P3-TWX2	9	LITHONIA LIGHTING	TWX2 LED P3 40K	TWX2 LED WITH P3-PERFORMANCE PACKAGE, 4000K	1	5295	0.85	39.1538
∇	P2-T3M	10	LITHONIA LIGHTING	DSX1 LED P2 40K T3M MVOLT	DSX1 LED P2 40K T3M MVOLT	1	8641	0.85	70

P2C PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

P2C CHAIRMAN OR SECRETARY _____ DATE _____

PHOTOMETRIC AND LIGHTING PLAN

GALES FERRY INTERMODAL
1761 ROUTE 12, GALES FERRY, CONNECTICUT 06335
GALES FERRY INTERMODAL LLC
353 SOUTH STREET, SUITE 101, NEW BRITAIN, CT 06053

DRAWING
C-10
SHEET NO. 13 NO. OF SHEETS 19

Loureiro
Loureiro Engineering Associates, Inc.
Engineers • Architects • Planners • Surveyors
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Phone: (860) 747-6161 • Fax: (860) 747-6822
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1. D- DEVELOPED SHOREFRONT: PORT AND HARBOR AREAS WHICH HAVE BEEN HIGHLY ENGINEERED AND DEVELOPED RESULTING IN THE FUNCTIONAL IMPAIRMENT OR SUBSTANTIAL ALTERATION OF THEIR NATURAL PHYSIOGRAPHIC FEATURES OR SYSTEMS.
2. W- WATER: OPEN WATER BODIES SUCH AS BUT NOT LIMITED TO LAKES AND PONDS SUBJECT TO REGULATION UNDER SECTIONS 22A-36 TO 22A-45 OF THE CONNECTICUT GENERAL STATUTES.
3. T - REGULATED TIDAL WETLANDS: OFFICIAL STATE DESIGNATED AND REGULATED TIDAL WETLANDS LOCATED WITHIN THE COASTAL BOUNDARY. THE AREAS DEPICTED ON THIS MAP SHALL IN NO WAY SUPERSEDE THE OFFICIAL STATE REGULATED TIDAL WETLAND MAPS AT THE SCALE OF 1:2400.
4. COASTAL 'FLOOD' HAZARD AREA: 100 YEAR COASTAL FLOOD HAZARD AREA AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA). ON THOSE COASTAL ISLANDS CURRENTLY UNMAPPED BY FEMA, THE FLOOD HAZARD AREA IS CONSERVATIVELY APPROXIMATED BY THE 10' CONTOUR INTERVAL.
5. EM - ESTUARINE EMBAYMENTS: PROTECTED COASTAL WATER BODIES WITH AN OPEN CONNECTION TO THE SOUND INCLUDING TIDAL RIVERS, BAYS, COVES AND LAGOONS.
6. SHORELANDS: UPLAND AREAS AT ELEVATIONS IN EXCESS OF THE 100 YEAR STILL WATER FLOOD LEVEL AND LOCATED WITHIN THE COASTAL BOUNDARY.

PZC PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

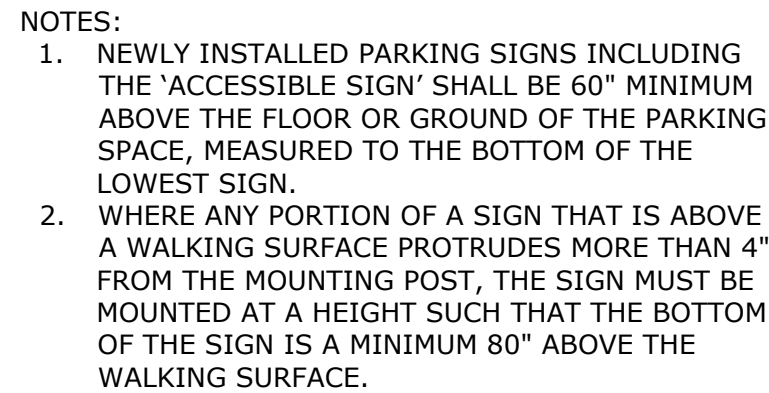
PZC CHAIRMAN OR SECRETARY _____ DATE _____



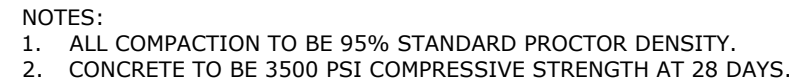
This is a detailed topographic map of the coastal area around Pt. Breeze. The map shows the coastline with Pt. Breeze on the left and Pt. Breeze on the right. Key features include the Chemical Plant, Pt. Breeze, and various landmarks like the Chemical Plant and Pt. Breeze. The map includes contour lines, a scale bar, and a north arrow.

1979. PREPARED BY COASTAL AREA MANAGEMENT
PROGRAM, CONNECTICUT DEPARTMENT OF
ENVIRONMENTAL PROTECTION

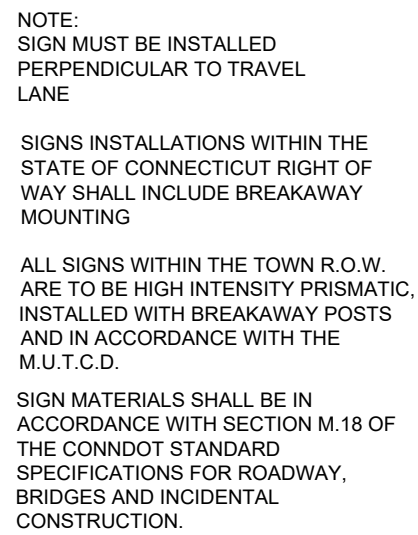
		DRAWING							
C-11									
SHEET NO.	14	NO. OF SHEETS							19
		COASTAL AREA MANAGEMENT PLAN GALES FERRY INTERMODAL 1761 ROUTE 12, GALESFERRY, CONNECTICUT 06335 PREPARED BY: JAMES P. LOUREIRO GALES FERRY INTERMODAL, LLC 549 SOUTH STREET, QUINCY, MA 02269							
SCALE AS NOTED		SCALE							
CONTR. NO. 045C2.06		DATE 11/18/2024							
DRAWN BY ESF		DATE 11/18/2024							
APPROVED BY GFA		DATE 11/18/2024							
									
									
		Loureiro Engineering Associates, Inc. 100 Northwest Drive • Plainville, Connecticut 06062 Tel: 860.224.1100 • Fax: 860.224.1101 • Email: info@loureiro.com An Employee Owned Company • www.Loureiro.com							
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		REV.		DESCRIPTION OF REVISION		DATE			
		1		SITE PLAN MODIFICATION		7/20/2026		KAP	
								APPR.	



SCALE: NONE



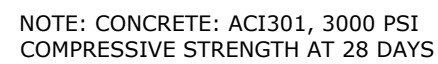
SCALE: NONE



SCALE: NONE



SCALE: NONE



SCALE: NONE

- NOTES:**
1. ALLOWABLE DESIGN STRESSES: CLASS "A" CONCRETE BASED ON $f'_c = 3000$ PSI; REINFORCEMENT: (ASTM A 615 GRADE 60) $f_s = 24000$ psi
 2. MINIMUM REINFORCEMENT: ALL STEEL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED. ALL FOOTING REINFORCEMENT SHALL HAVE 3" COVER.
 3. AFTER EXCAVATION CONTRACTOR SHOULD NOTIFY THE ENGINEER FOR THE INSPECTION OF THE EXISTING SOIL.
 4. ALL REINFORCEMENT IN THE STEM, INCLUDING THE FOOTING DOWELS, SHALL BE EPOXY COATED.

The logo for Loureiro Engineering Associates, Inc. features the company name in a large, bold, serif font. A thick, curved red line arches over the text. Below the name, the services offered are listed in a smaller, sans-serif font: Engineering • Construction • EHS • Energy Waste • Facility Services • Laboratory.

Loureiro
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Waste • Facility Services • Laboratory

Loureiro Engineering Associates, Inc.
10 Northwest Drive • Plainville, Connecticut 06062
Phone: 860-747-6181 • Fax: 860-747-4822
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SITE DETAILS 1

GALES FERRY INTERMODAL
 1764 ROUTE 12, GALES FERRY, CONNECTICUT 06335

GALES FERRY INTERMODAL LLC
 1764 ROUTE 12, GALES FERRY, CONNECTICUT 06335

DRAWING	
C-12	
SHEET NO.	NO. OF SHEETS
15	19

PZC PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

PZC CHAIRMAN OR SECRETARY _____ DATE _____