



South Portland Municipal Services Facility Phase 2

Category: Government - Misc. Bldgs., Government Offices **Project ID #:** 1002421720
Street Address: South Portland ME 04116 **Reed Estimate Value:** \$582,750.00
County: Cumberland **Stage:** Biddate Set
Bid Date: 4/15/2016 , 02:00 PM
Architect: SMRT Inc
Documents Available: Plans, Specs, Addenda available in Insight Plans available from SMRT Inc
Last Update: 4/9/2016 Sebago Technics was added as Civil Engineer

Notes

Scope Warehouse, Government - Miscellaneous Building, Sitework South Portland Municipal Services Facility, Phase II include offices, public works service garage, vehicle wash, fuel dispensing, sand/salt storage, cold equipment storage, greenhouse structure and site improvements. The main building will be approximately 70,000 gross square feet. Interested parties must obtain official instruction forms and be logged as an interested firm to assure receipt of supplemental information as required.

Notes 1. Rebid; Original Bid Date = 01/19/2016

Details [Division 2]: Clearing, Dewatering, Earthwork, Grading, Slope Protection & Erosion Control, Paving & Surfacing, Water Systems, Wells, Sewerage & Drainage, Fences & Gates, Landscaping. [Division 3]: Architectural Concrete, Structural Precast Concrete, Architectural Precast Concrete, Tilt-Up Precast Concrete. [Division 4]: Clay Unit Masonry, Concrete Unit Masonry, Granite. [Division 5]: Structural Steel, Metal Joists, Metal Decking, Cold Formed Metal Framing, Metal Fabrications, Metal Railings. [Division 6]: Rough Carpentry, Finish Carpentry, Architectural Woodwork. [Division 7]: Waterproofing, Dampproofing, Insulation, Exterior Insulation & Finish Systems, Fireproofing, Firestopping, Membrane Roofing, Sheet Metal Roofing, Skylights. [Division 8]: Metal Doors, Wood Doors, Plastic Doors, Coiling Doors and Grilles, Sectional Overhead Doors, Entrances & Storefronts, Metal Windows, Hardware, Glass & Glazing. [Division 9]: Ceiling Suspension Systems, Stucco, Drywall/Gypsum, Tile, Terrazzo, Acoustical Ceilings, Acoustical Walls, Resilient Flooring, Carpet, Painting. [Division 10]: Visual Display Boards, Compartments & Cubicles, Louvers & Vents, Wall & Corner Guards, Flagpoles, Directories, Interior Signs, Lockers, Protective Covers, Partitions, Operable Partitions, Toilet & Bath Accessories. [Division 11]: Vehicle Service Equipment, Parking Control Equipment, Water Supply/Treatment Equipment. [Division 12]: Window Treatment, Furniture. [Division 13]: Pre-Engineered Structures, Glazed Structures/Greenhouses, Ground Storage Tanks, Underground Storage Tanks. [Division 14]: Elevators, Material Handling Systems, Hoists & Cranes. [Division 15]: Mechanical Insulation, Fire Protection Systems, Plumbing Piping, Plumbing Fixtures, Water Heaters, Hydronic Piping, HVAC Pumps, Boilers, Fuel Fired Heaters, Packaged A/C Units, Air Handling, Ductwork. [Division 16]: Service/Distribution, Interior Lighting, Exterior Lighting, Emergency Lighting, Standby Power Generator Systems, Lightning Protection Systems, Alarm & Detection Systems.

Additional Details

Listed On: 12/15/2015 **Floor Area:** 70,000 Square Feet
Contract Type: Construction Management, Design/Build, General contract, Project Management **Work Type:** Alteration
Stage Comments 1: BIDS: 04/15/2016, 02:00 PM **Floors Below Grade:**
Stage Comments 2: Rebid; Original Bid Date = 01/19/2016 **Owner Type:** City
Bid Date: 4/15/2016 **Mandatory Pre Bid Conference:**
Invitation #: 14128 **Commence Date:** 5/1/2016
Structures: **Completion Date:**
Single Trade Project: **Site Area:**
Floors: **LEED Certification Intent:** Unknown
Parent Project ID: **Units:**
Parking Spaces:

Project Participants

Company Role	Company Name	Contact Name	Address	Phone	Email	Fax
Owner	South Portland - Purchasing Office		25 Cottage Rd Rm 102, South Portland, ME 04106-3604	(207) 767-7608		(207) 767-7620
Civil Engineer	Sebago Technics	Craig Burraess	75 John Roberts Rd .	(207) 783-		(207) 784-

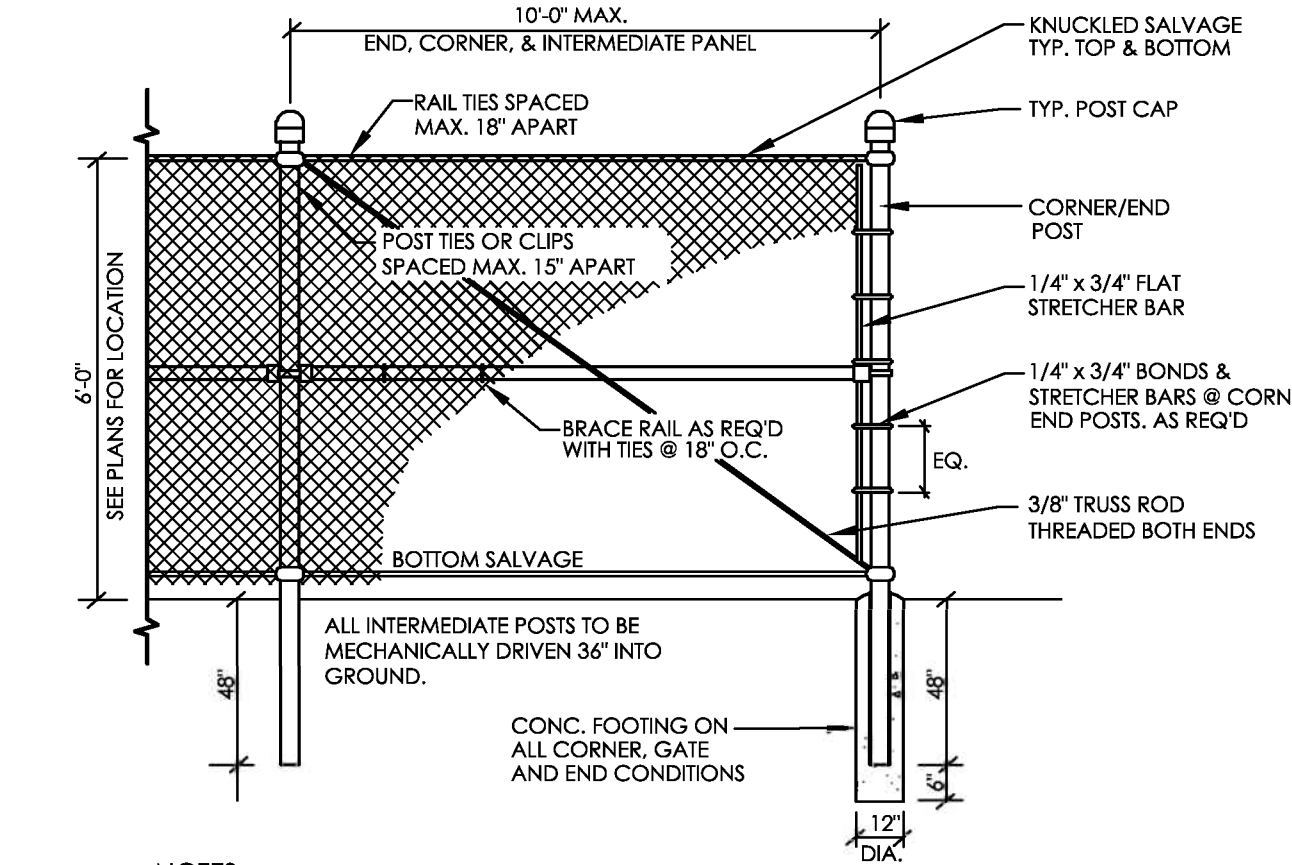
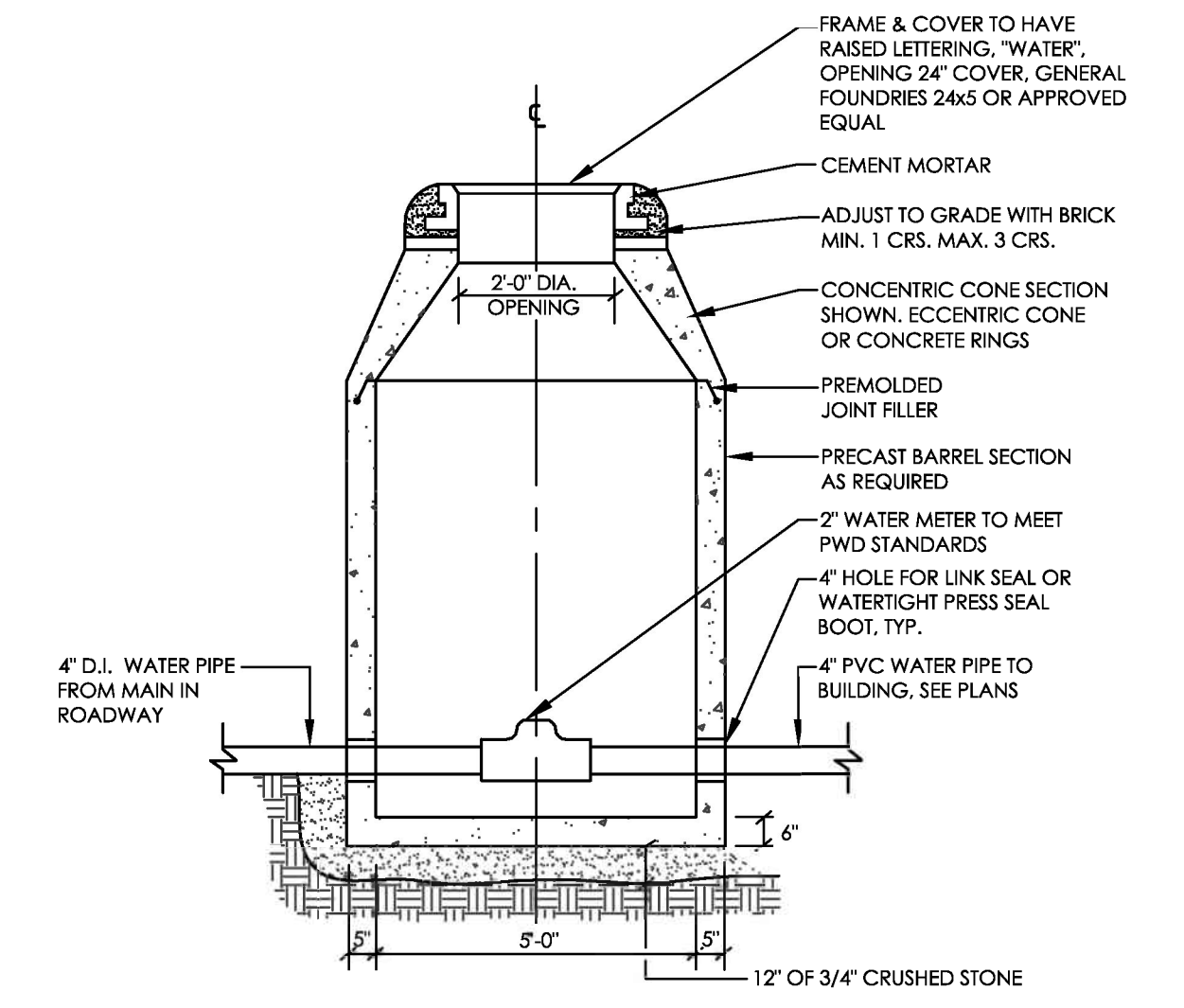
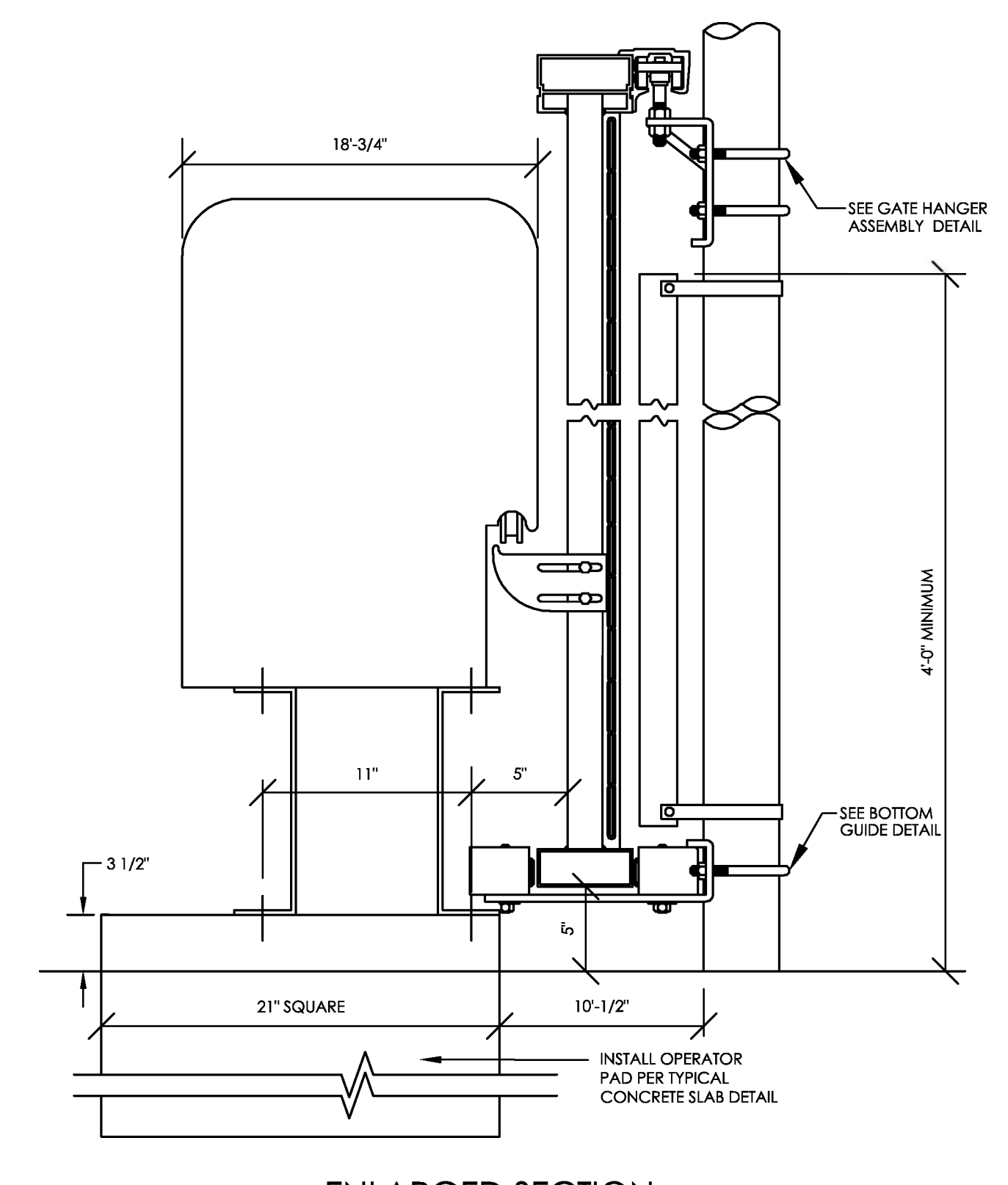
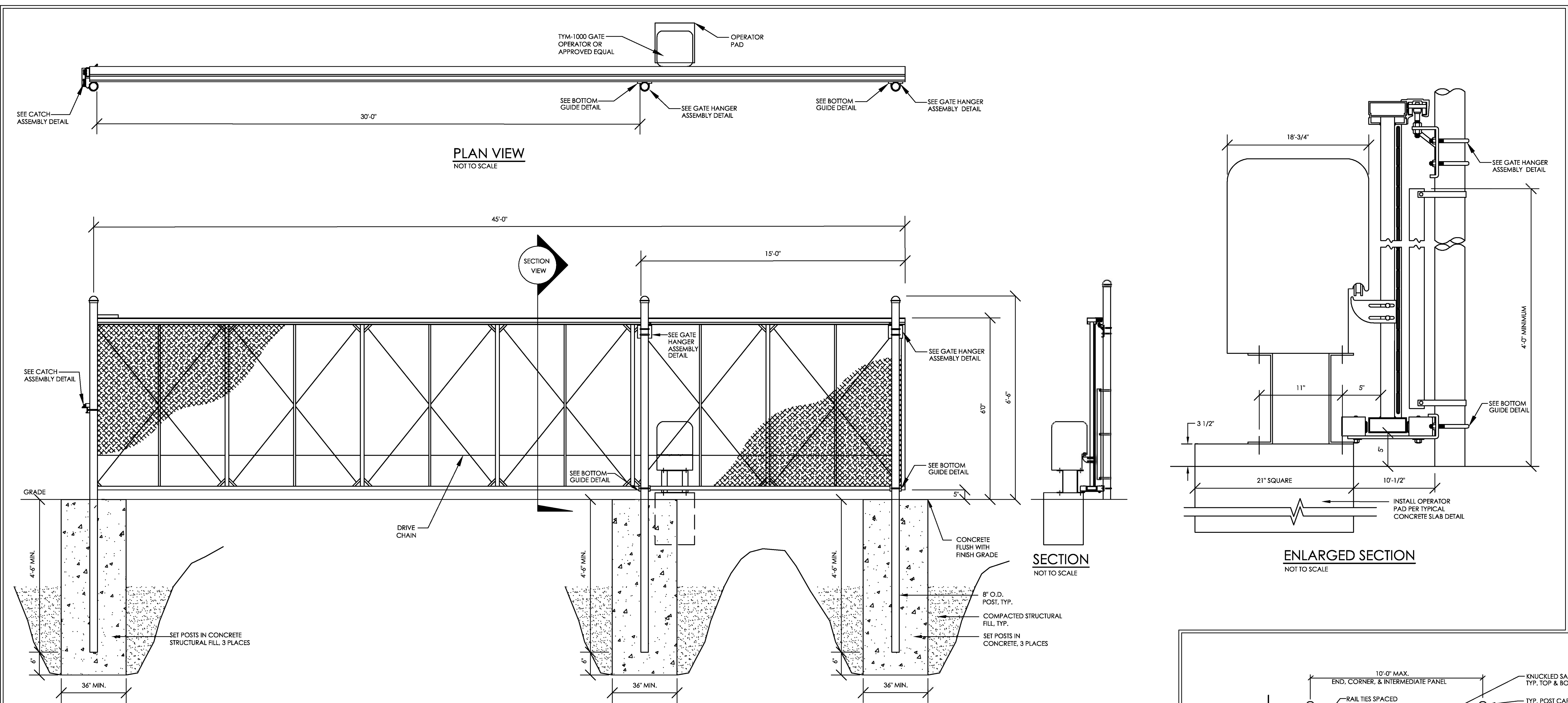
			South Portland, ME 04106-6961	5656		6118
Architect, Civil Engineer, Electrical Engineer, Plumbing Engineer	SMRT Inc	Janusz Wszola	144 Fore St Ste A, Portland, ME 04101-4844	(207) 772-3846		(207) 772-1070
Architect, Civil Engineer, Electrical Engineer, Plumbing Engineer	SMRT Inc	Jay Westra	144 Fore St Ste A, Portland, ME 04101-4844	(207) 772-3846		(207) 772-1070
Architect, Civil Engineer, Electrical Engineer, Plumbing Engineer	SMRT Inc	Kerry Dineen	144 Fore St Ste A, Portland, ME 04101-4844	(207) 772-3846		(207) 772-1070
Architect, Civil Engineer, Electrical Engineer, Plumbing Engineer	SMRT Inc	Margaret Storey	144 Fore St Ste A, Portland, ME 04101-4844	(207) 772-3846		(207) 772-1070
Architect, Civil Engineer, Electrical Engineer, Plumbing Engineer	SMRT Inc	Peter Anderson	144 Fore St Ste A, Portland, ME 04101-4844	(207) 772-3846		(207) 772-1070

Bidders

Company Name	Added Date	Address	Phone	Email	Bidding Role	Bid Rank	Bid Value	Fax Number
Sargent Corporation	1/28/2016	378 Bennoch Rd., Stillwater, ME 04489-0435	(207) 827-4435	spenny@sargentcon.com	General Contractor			(207) 827-3148
Shaw Brothers Construction Inc	1/28/2016	341 Mosher Rd, Gorham, ME 04038-2626	(207) 839-2552	bbrady@shawbrothers.com	General Contractor			(207) 839-6239
Tustin Mechanical Services	1/19/2016	2555 Industry Ln, Norristown, PA 19403-3933	(610) 539-8200		General Contractor			(610) 539-2890
Peter V Pirozzi General Contracting	1/19/2016	64 Sand Bridge Rd, Pittsgrove, NJ 08318-3622	(856) 358-4705		General Contractor			(856) 358-6296
Eastern Excavation	1/28/2016	59 Nepperhan Ave # 8, Elmsford, NY 10523-1821	(914) 592-7275		General Contractor			(914) 592-0151
Garozzo & Scimeca Construction	1/19/2016	2922 Fries Mill Rd, Williamstown, NJ 08094-3327	(856) 881-5978	elmaqussij@verizon.net	General Contractor			(856) 881-5975
Altec Building Systems Corp	1/19/2016	904 Atlantic Ave, Point Pleasant Boro, NJ 08742-2917	(732) 903-6264		General Contractor			(732) 903-6298

Contracts

Classification	Conditions	Bonding	Bid Date	Bids To	Bid Type
General Contractor		Bid:5%,Perf:100%,Pay:100%	4/15/2016	Architect	Open Bidding



NOTES:

- THIS PIT IS TO BE PLACED ON PRIVATE PROPERTY NEAR THE STREET LINE.
- THIS TYPICAL PIT IS NOT DESIGNED FOR TRAFFIC LOAD. (TRAFFIC LOAD DESIGN AVAILABLE)
- THIS PIT WILL HOUSE UP TO 2 3/2" METERS.

WATER METER
NOT TO SCALE

STRUCTURAL NOTES:

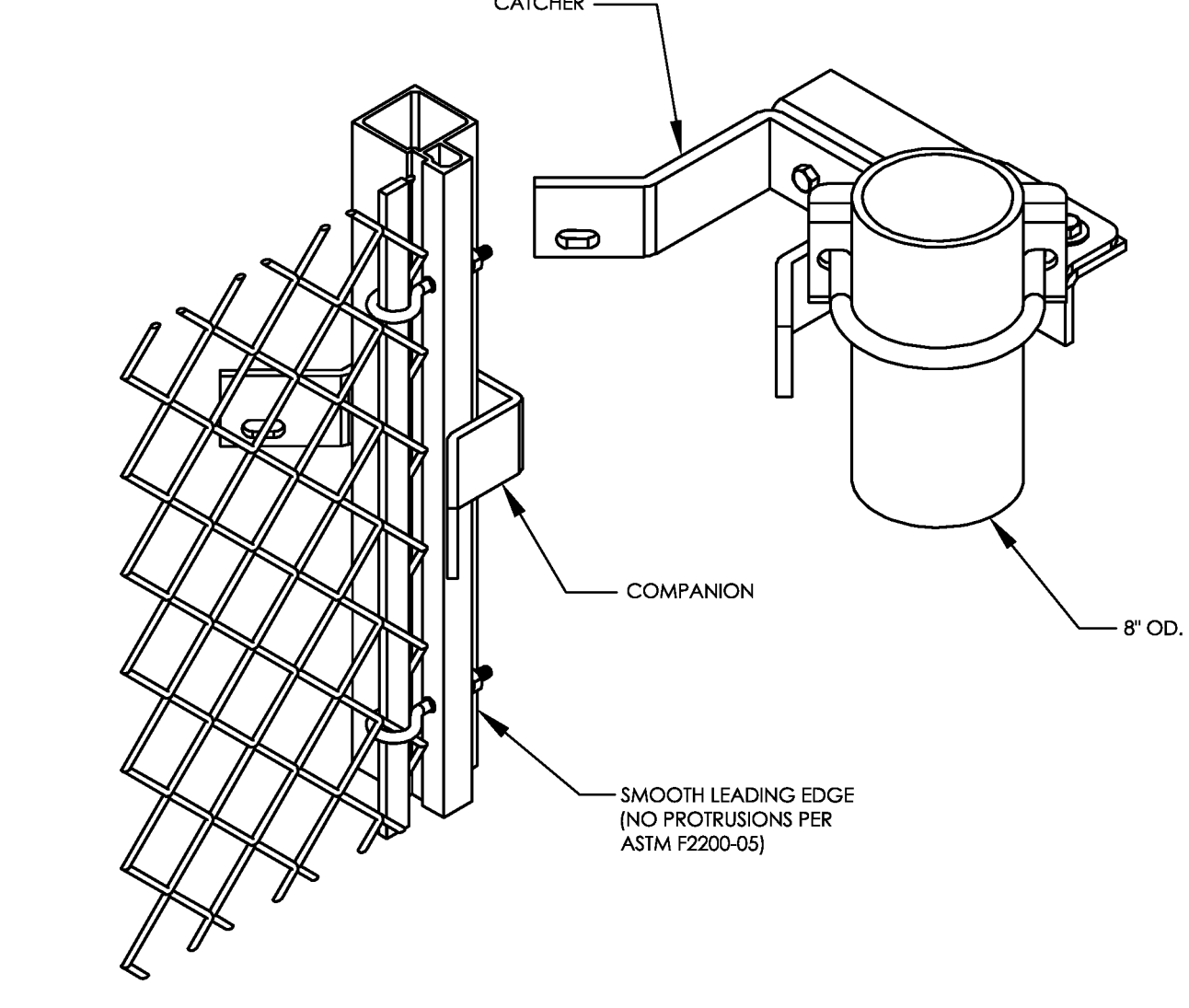
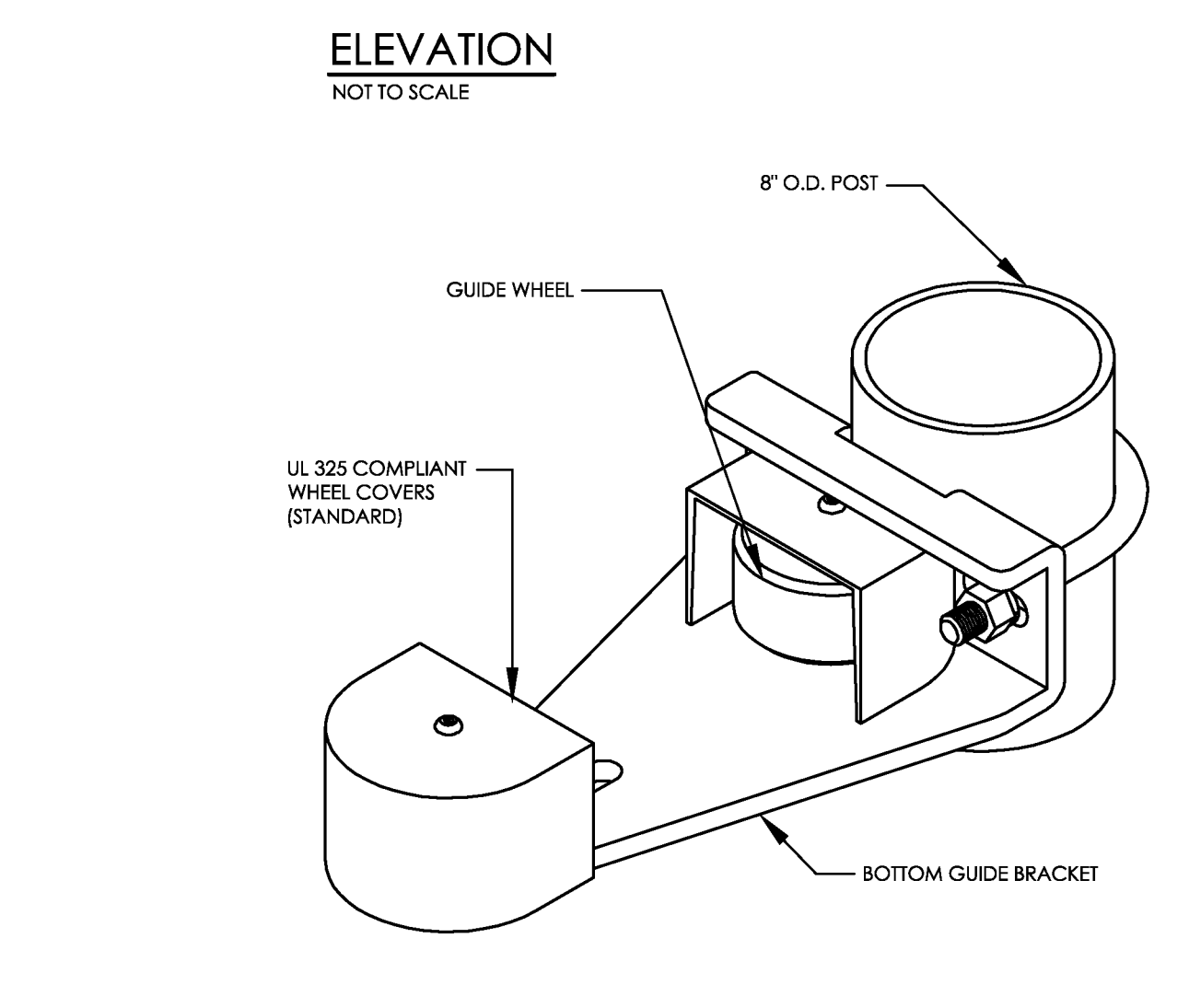
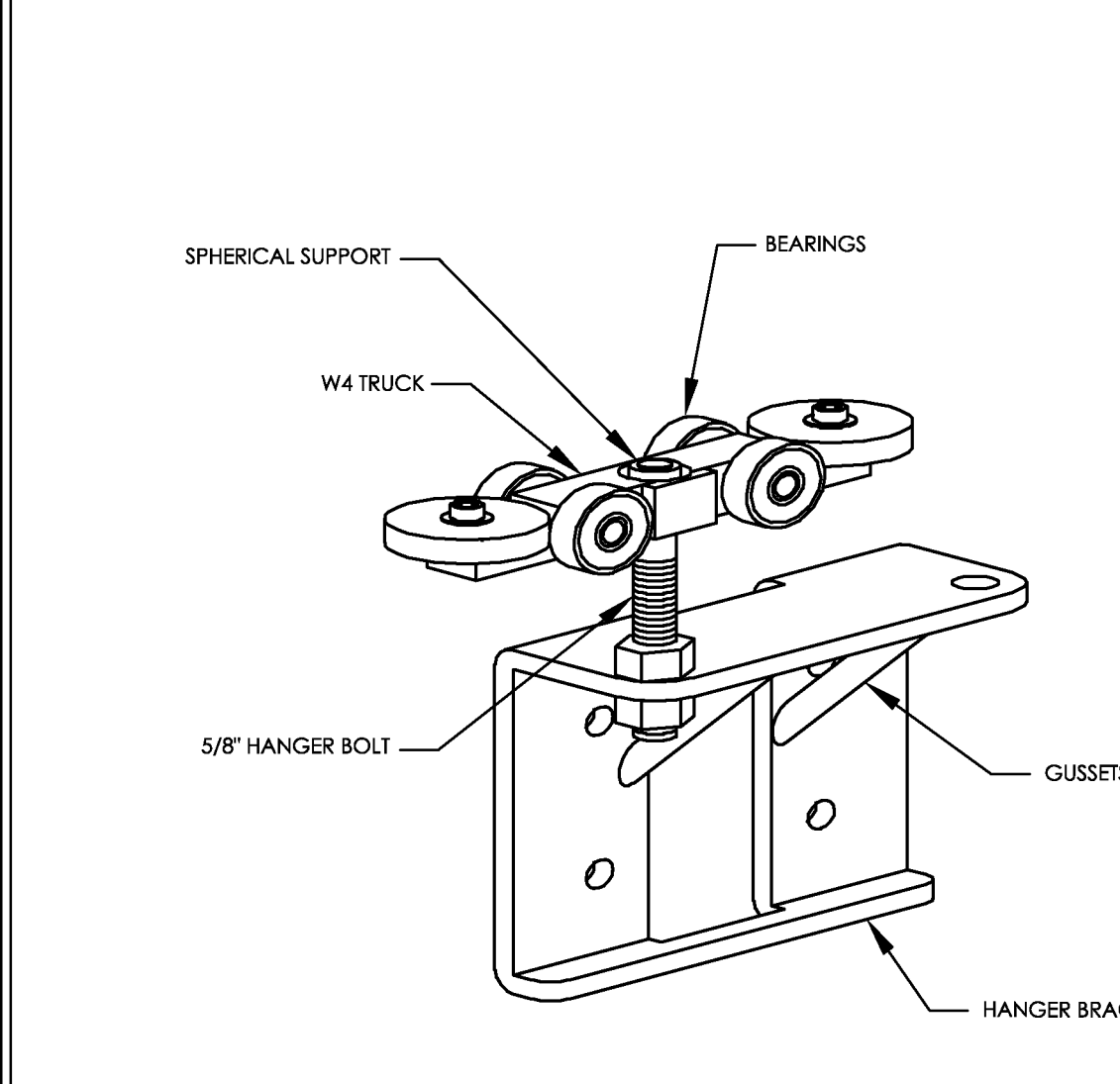
- CONCRETE:
 - 28 DAY COMPRESSIVE STRENGTH F_c = 5,000 PSI.
 - CEMENT TO BE TYPE III PER ASTM C-150
 - AIR ENTRAINMENT MIN. 5.2%
- STRUCTURAL REINFORCEMENT:
 - REINFORCED FOR W-20 LOADING
 - BAR CLEARANCE/PROTECTION:
 - 1 1/2" CLR (UNLESS OTHERWISE NOTED)

INSTALLATION REQUIREMENTS:

- TO BE INSTALLED ON 12" THICK BED OF CRUSHED 3/4" STONE.
- USE 1" CON-SEAL 102 AT JOINTS.
- JOINT GAPS LESS THAN 0.5". GROUT TO FILL JOIDS.

GENERAL NOTES:

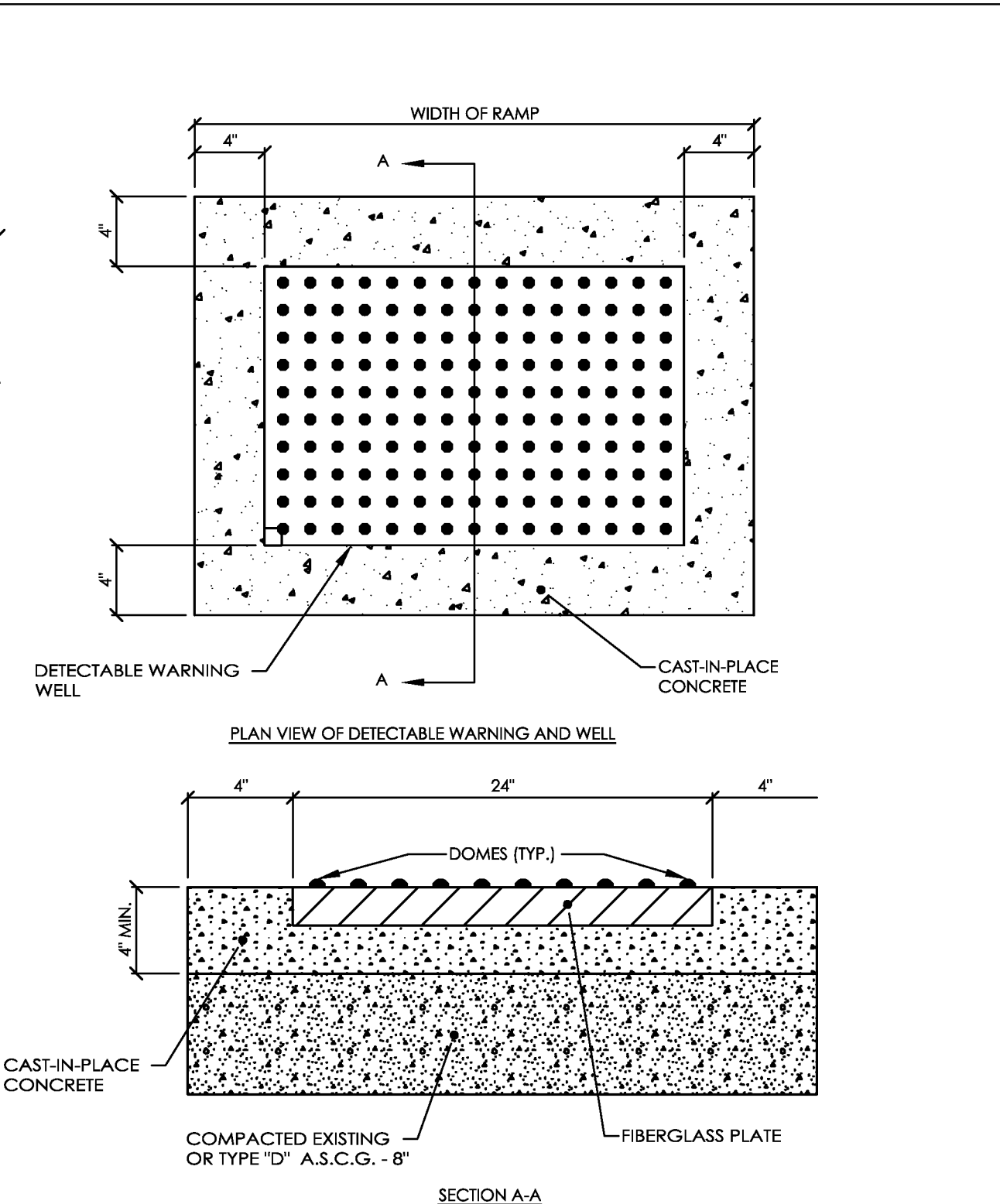
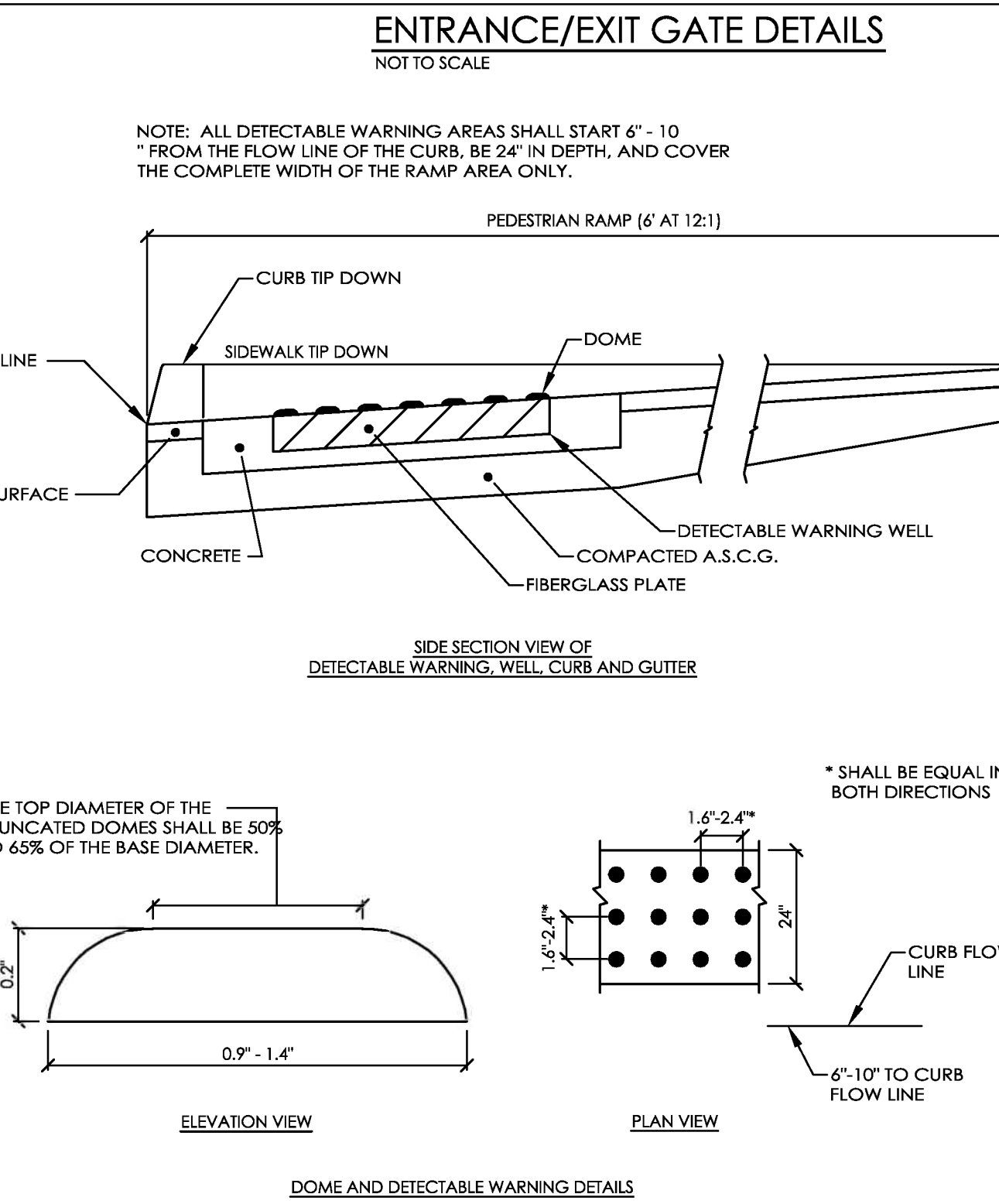
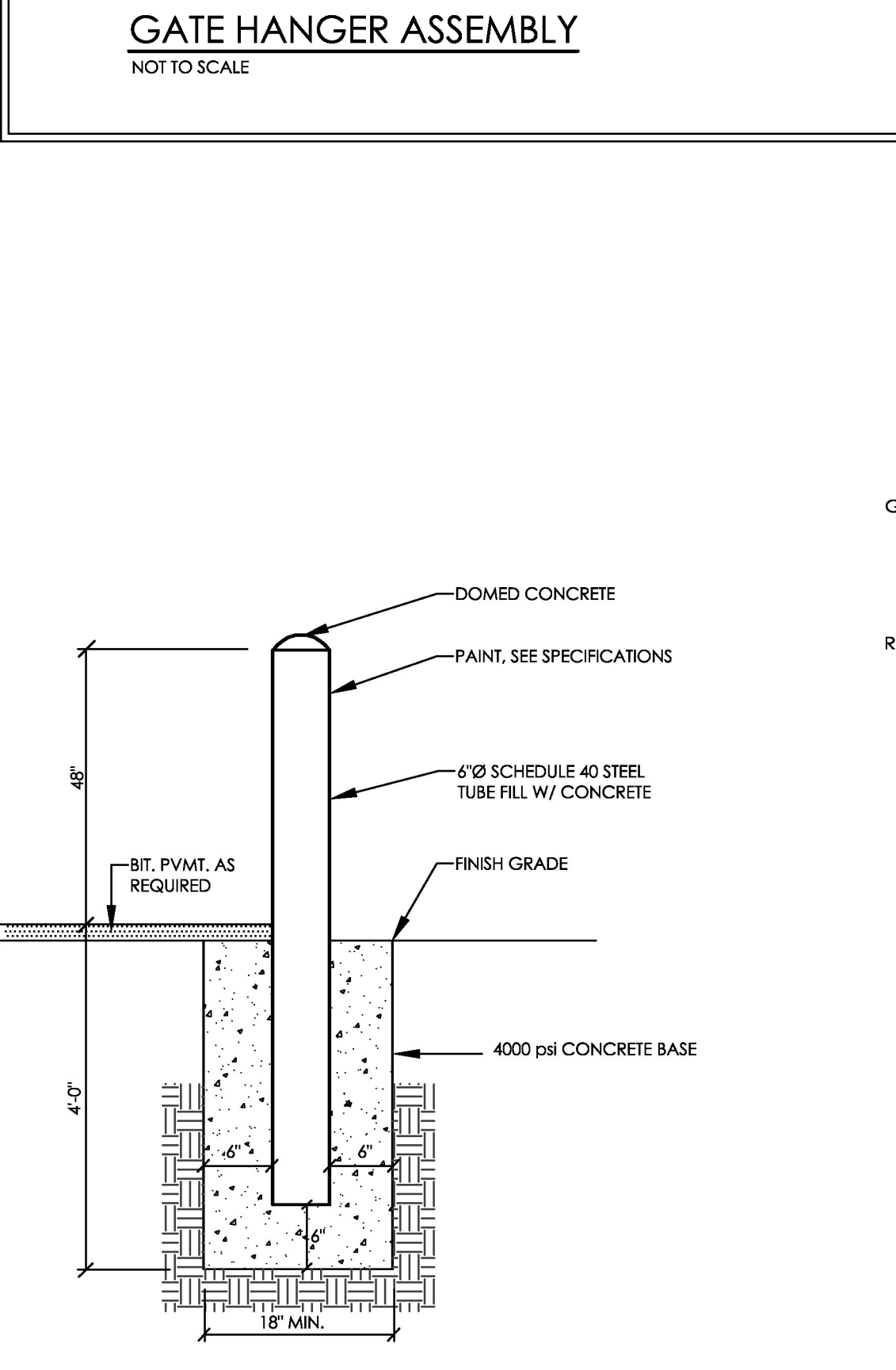
- ALL BARRIERS AND WEIRS TO BE PRECAST CONCRETE.
- CONTRACTOR TO SUPPLY AND INSTALL ALL PIPING & SAMPLING TEES GROUT IN ALL PIPES FILL WITH CLEAN WATER PRIOR TO "START-UP" OF SYSTEM VERIFY ALL BLOCKOUT SIZES AND LOCATIONS. PUMP BY OTHERS.
- OIL, SAND & WATER SEPARATOR BY AMERICAN CONCRETE OR APPROVED EQUAL.



NOTES:

- CORNER OR END POST: NOMINAL 3" O.D. GALVANIZED STEEL PIPE, MIN. 5.79 lbs./l.f.
- INTERMEDIATE POST: NOMINAL 2-1/2" O.D. GALVANIZED STEEL PIPE, MIN. 3.65 lbs./l.f.
- BRACES (TOP & BOTTOM): NOMINAL 1-5/8" O.D. GALVANIZED STEEL PIPE, MIN. 2.27 lbs./l.f.
- THE OUTSIDE OF THE FENCE FABRIC SHALL BE 3" INSIDE THE EDGE OF PAVEMENT.
- BRACE RAIL AND DIAGONAL BRACE ROD SHALL BE INSTALLED AT EACH 10' CORNER SECTION OF ENCLOSURE.
- CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH (f'_c) OF 3,000 psi WITH AIR ENTRAINMENT.
- SUBMIT SHOP DRAWINGS FOR OWNER'S/ENGINEER'S APPROVAL.
- FENCE FABRIC, POST, RAILS AND APPURTENANCES SHALL BE VINYL CLAD; COLOR: BLACK.

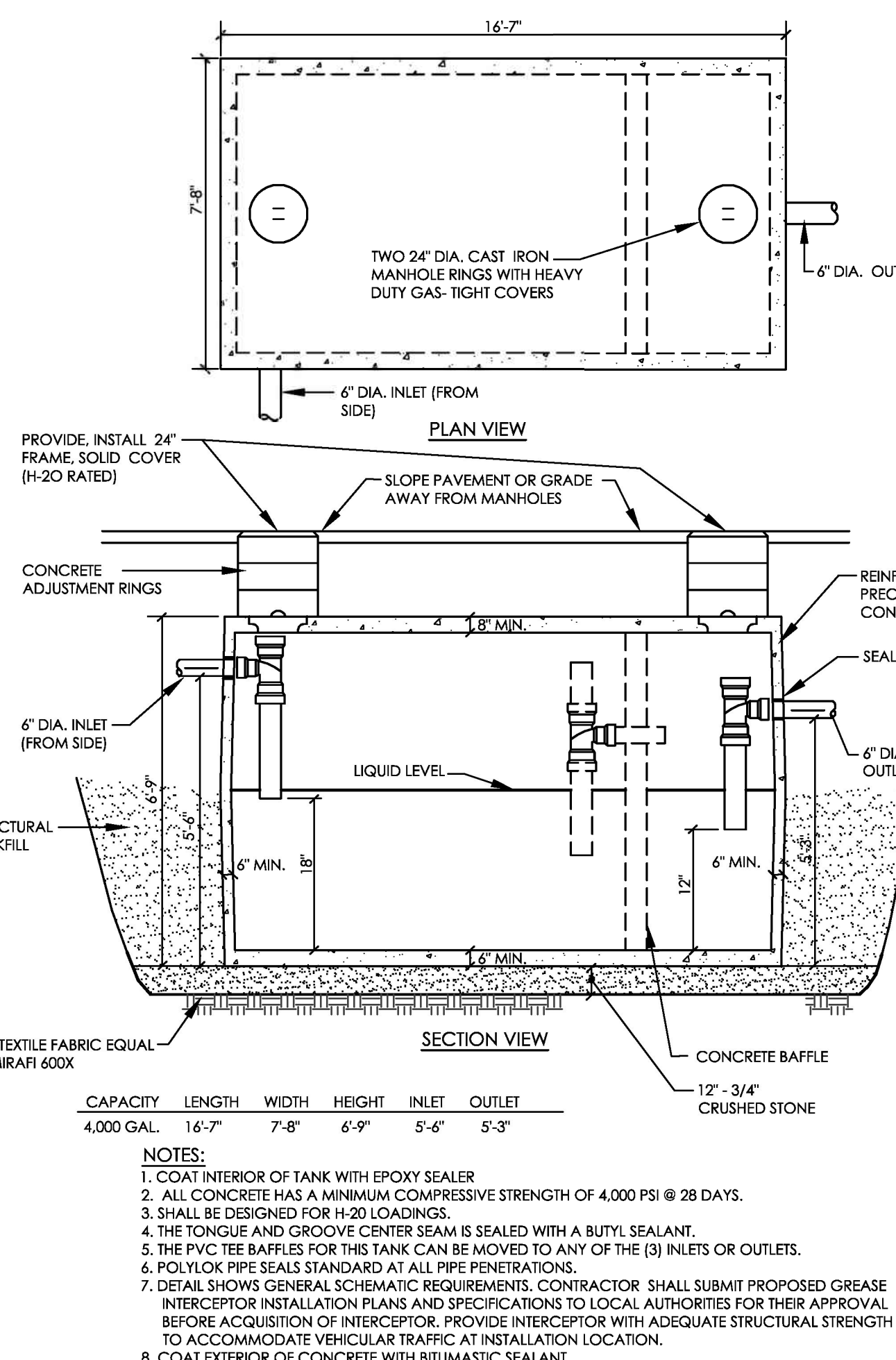
TYPICAL CHAIN LINK FENCE
NOT TO SCALE



NOTES:

- GATES SHALL BE FRAMED ON FOUR SIDES WITH 2" DIA. STANDARD WEIGHT STEEL PIPE. THE GATE FRAMES SHALL BE OF ALL SHOP-WELDED CONSTRUCTION WITH COMPLETE FULL WELDS GROUND SMOOTH.
- GATE HINGES SHALL BE HEAVY-DUTY MALLEABLE IRON FULL-BAK TYPE, ALLOWING FOR 180° SWING. GATE-LOCKING DEVICE SHALL BE HEAVY DUTY EXTERNAL TYPE WITH LATCH, KEYS, AND ALL APPURTENANCES.
- ALL GATES OVER 6'-6" HIGH SHALL HAVE AN INTERMEDIATE RAIL, WHEREVER A DIAGONAL BRACE CROSSES AN INTERMEDIATE RAIL, THE BRACE SHALL PASS BETWEEN THE RAIL AND THE MESH.

CHAIN LINK FENCE - SINGLE GATE
NOT TO SCALE



4,000-GAL. SAND/OIL SEPARATOR
NOT TO SCALE

CAPACITY	LENGTH	WIDTH	HEIGHT	INLET	OUTLET
4,000 GAL.	14'-7"	7'-8"	6'-9"	5'-6"	5'-3"

NOTES:

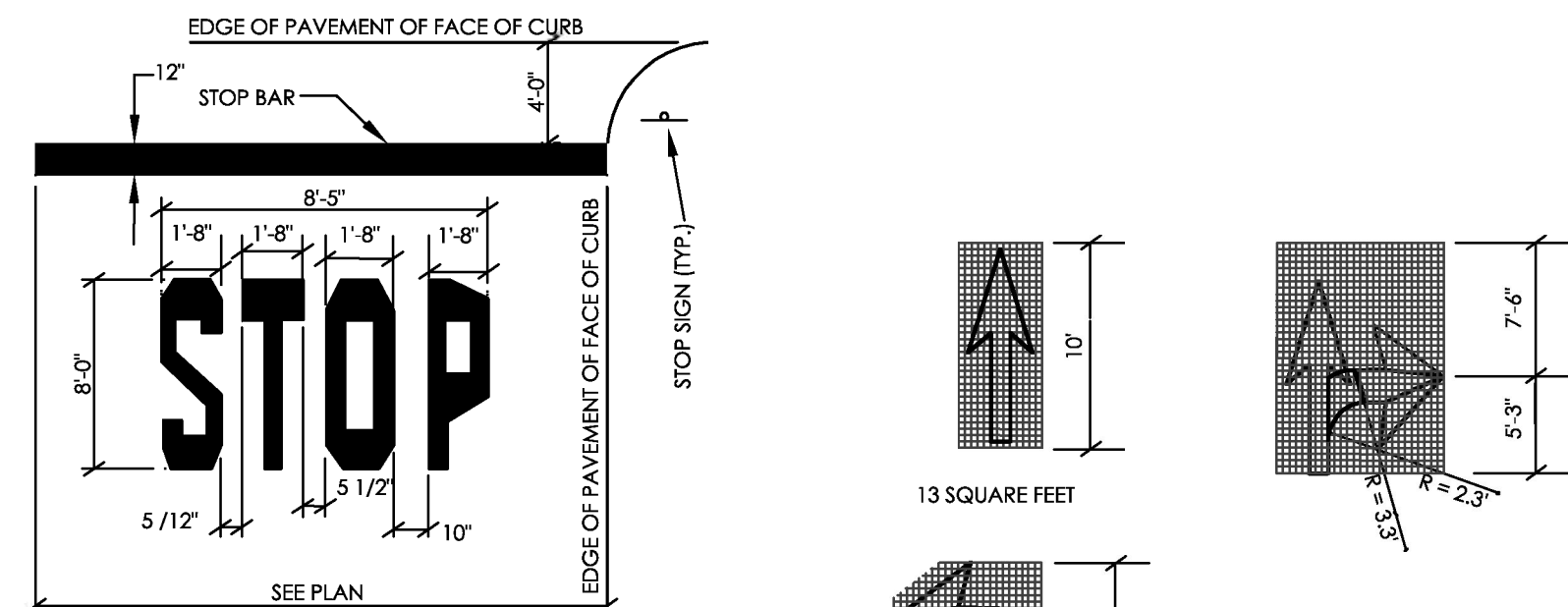
- CONCRETE INTERIOR OF TANK WITH EPOXY SEALER
- ALL CONCRETE HAS A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS.
- SHALL BE DESIGNED FOR W-20 LOADINGS.
- THE TONGUE AND GROOVE CENTER SEAM IS SEALED WITH A BUTYL SEALANT.
- THE PVC TIE BARRIERS FOR THIS TANK CAN BE MOVED TO ANY OF THE (B) INLETS OR OUTLETS.
- POLYURETHANE PIPE SEALS STANDARD AT ALL PIPE PENETRATIONS.
- DETAIL SHOWS GENERAL SCHEMATIC REQUIREMENTS. CONTRACTOR SHALL SUBMIT PROPOSED GREASE INTERCEPTOR INSTALLATION PLANS AND SPECIFICATIONS TO LOCAL AUTHORITIES FOR THEIR APPROVAL BEFORE ACQUISITION OF INTERCEPTOR. PROVIDE INTERCEPTOR WITH ADEQUATE STRUCTURAL STRENGTH TO ACCOMMODATE VEHICULAR TRAFFIC AT INSTALLATION LOCATION.
- CONCRETE EXTERIOR OF CONCRETE WITH BITUMASTIC SEALANT.

DESIGNED: CAB CHECKED: OAM
 ISSUED FOR CONSTRUCTION: 03-18-16
 DATE: 02-24-16
 STATUS: A
 REV. BY: B

SEBAGO
 T E C H N I C S
 WWW.SEBAGOTECHNICALS.COM
 200 South Portland Rd.
 South Portland, ME 04106
 Tel: 207-785-5555

DETAILS
 OF: SOUTH PORTLAND PUBLIC SERVICES FACILITY
 979 HIGHLAND AVENUE
 SOUTH PORTLAND, MAINE
 FOR: CITY OF SOUTH PORTLAND
 25 COTTAGE ROAD
 SOUTH PORTLAND, MAINE 04105
 Building.dwg, TAB:1022305

PROJECT NO. 10223 SCALE NTS
 SHEET 11 OF 12

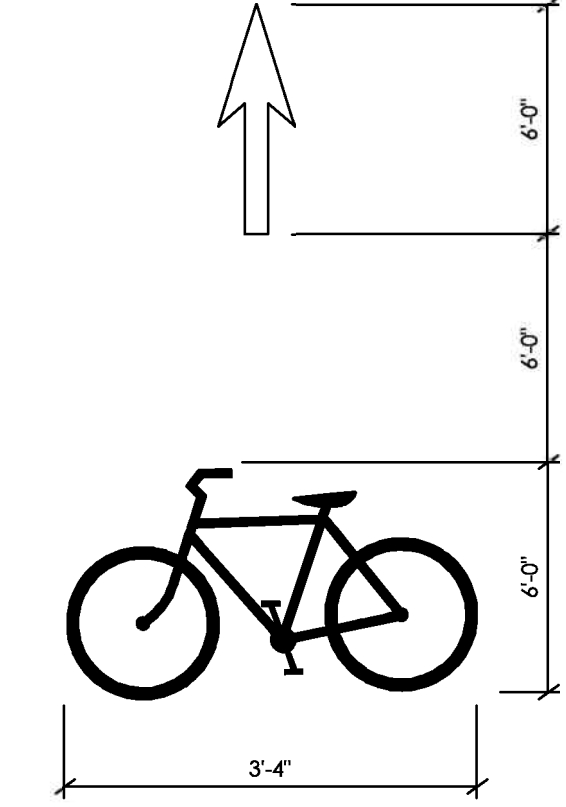


NOTES:
1. WORDS AND ARROWS FOR DRIVERS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND BAR ARE TO BE PAINTED REFLECTIVE WHITE.

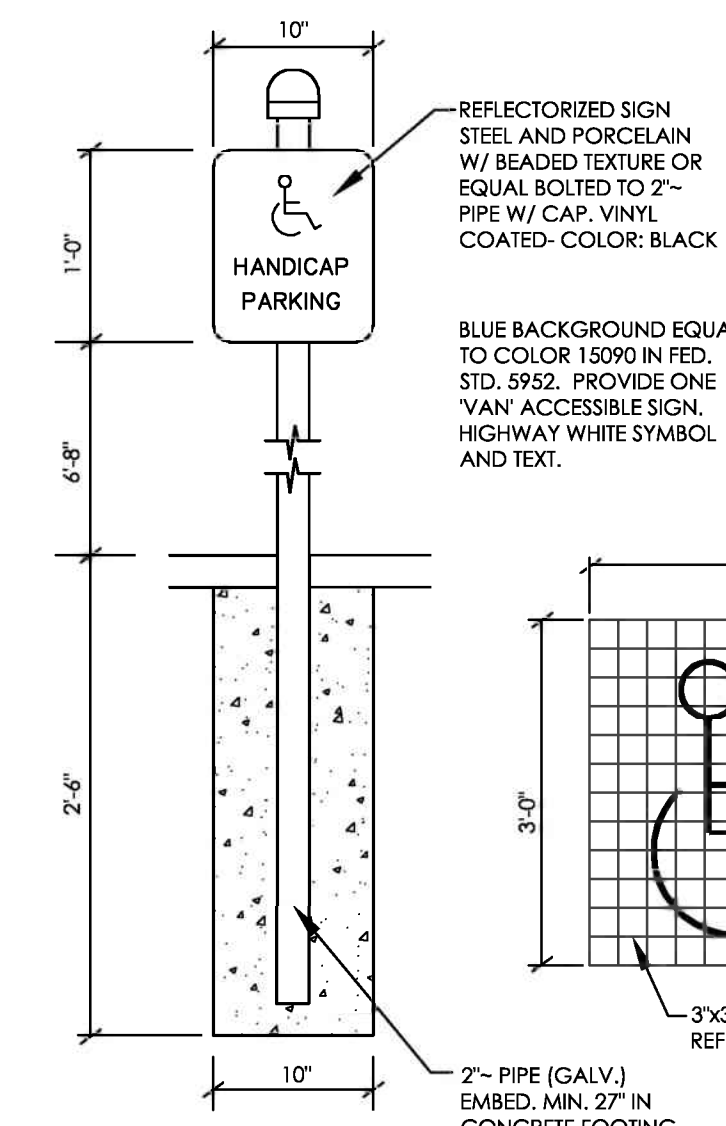
STOP BAR
NOT TO SCALE

PAVEMENT ARROW DETAILS
NOT TO SCALE

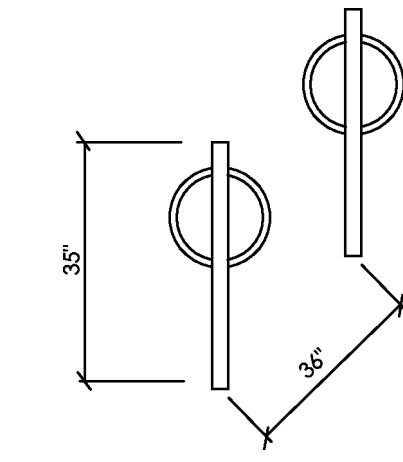
NOTE:
1. SIGNAGE AND STRIPING BY OWNER (NOT IN CONTRACT).



BIKE LANE MARKING
NOT TO SCALE

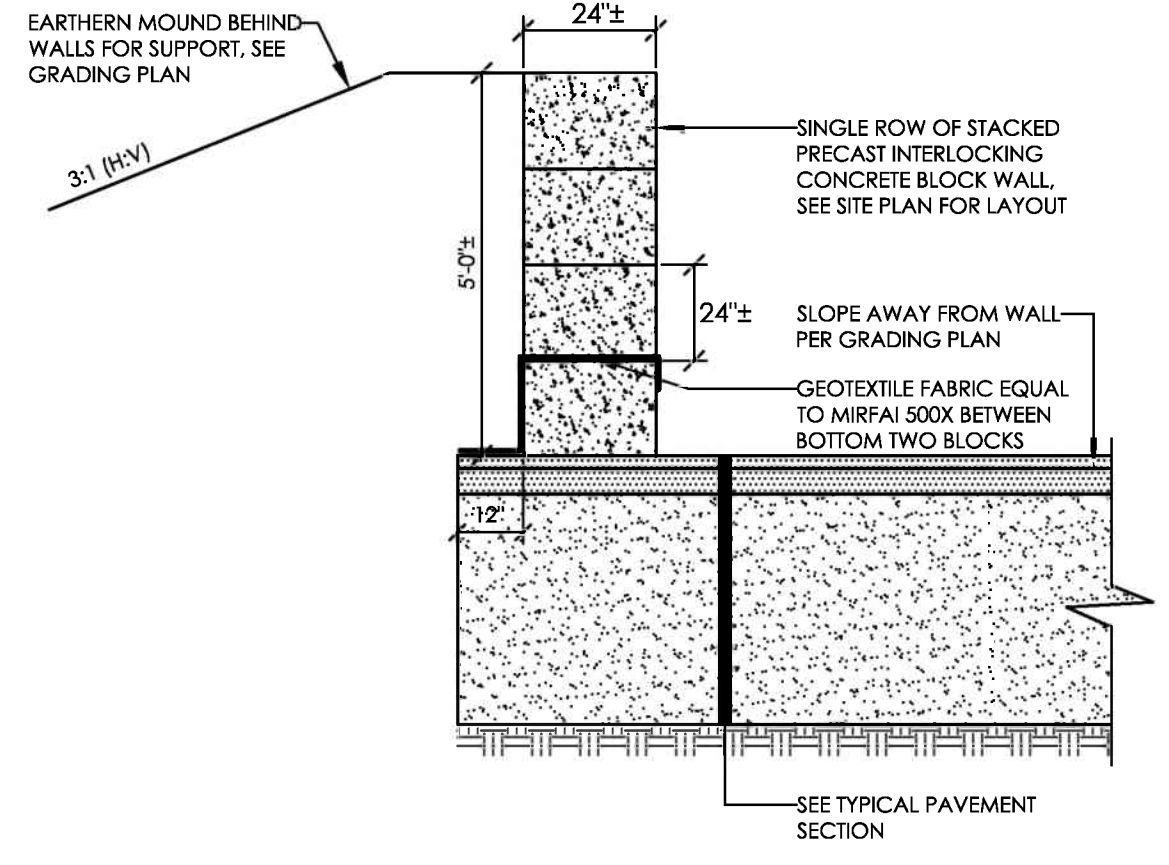


HANDICAP SIGNS
NOT TO SCALE



BICYCLE RACK
NOT TO SCALE

NOTES:
1. BIKE RACK SHALL EQUAL DERO BIKE HITCH AS MANUFACTURED BY DERO BIKE RACKS. INSTALL BIKE RACKS AS RECOMMENDED BY THE MANUFACTURER.
2. INSTALL BIKE RACKS MINIMUM OF 36" FROM ANY BUILDING ENTRYWAY AND 24" FROM SIDE OF BUILDING.
3. DISTANCE BETWEEN RACKS SHALL BE 36" AS SHOWN IN THE DETAIL.

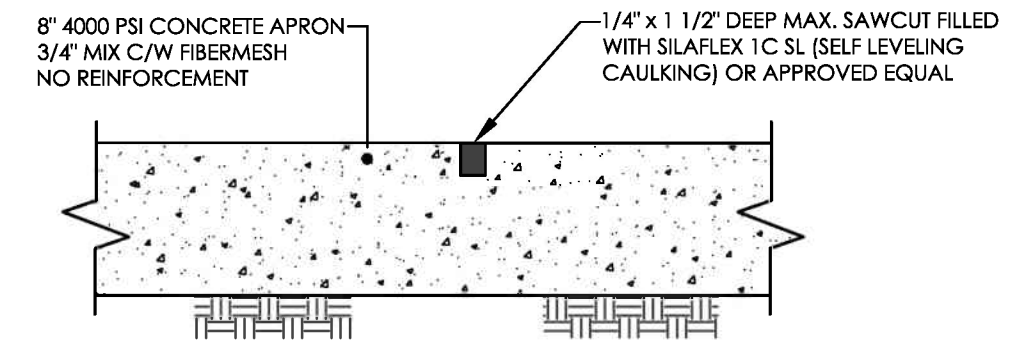


AGGREGATE STORAGE WALL SECTION
NOT TO SCALE

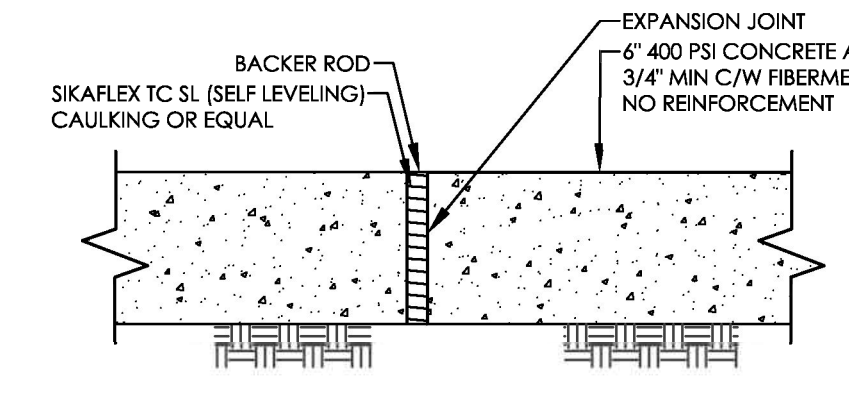
TYPICAL ELECTRICAL & SERVICE NEEDS FOR FUEL SYSTEM

- ACTUAL NEEDS SHALL BE BASED UPON MANUFACTURER REQUIREMENTS, DESIGN BUILD CANOPY, AND FUELING/STORAGE SYSTEM.
- 2-1.5 HP SUBMERSIBLE PUMPS:
1-3/4" CONDUIT PER PUMP & 1-20 AMP DP BREAKER PER PUMP.
 - DIAL PRODUCT DISPENSERS:
1-3/4" CONDUITS PER DISPENSER & 1-15 AMP SP BREAKER PER DISPENSER
1-3/4" CONDUIT PER DISPENSER FOR COMMUNICATION (DC CONTROLLED BY MONITOR SYSTEM)
1-3/4" CONDUIT PER DISPENSER FOR SUMP SENSORS (DC CONTROLLED BY MONITOR SYSTEM)
 - CANOPY LIGHTS:
1-3/4" CONDUIT TO EACH CANOPY POLE (2) & 2-15 AMP SP BREAKERS
 - FIRE SUPPRESSION:
1-3/4" CONDUIT TO EACH CANOPY POLE
1-1" CONDUIT TO EACH CANOPY POLE
1-15 AMP SP BREAKER
 - TANK GAUGING:
1-3/4" CONDUIT PER TANK (2); (DC CONTROLLED BY GAUGING SYSTEM)
1-15 AMP SP BREAKER
 - EMERGENCY SHUT OFF:
1-3/4" CONDUIT FROM BUILDING TO FUEL TANKS (TO WIRE IN PARALLEL SHUT OFFS)
1-3/4" 15 AMP SP BREAKER
 - FUEL MANAGEMENT SYSTEM:
1-3/4" CONDUIT & 1-15 AMP SP BREAKER
2-3/4" CONDUITS (DC TO COMPUTER IN BUILDING)

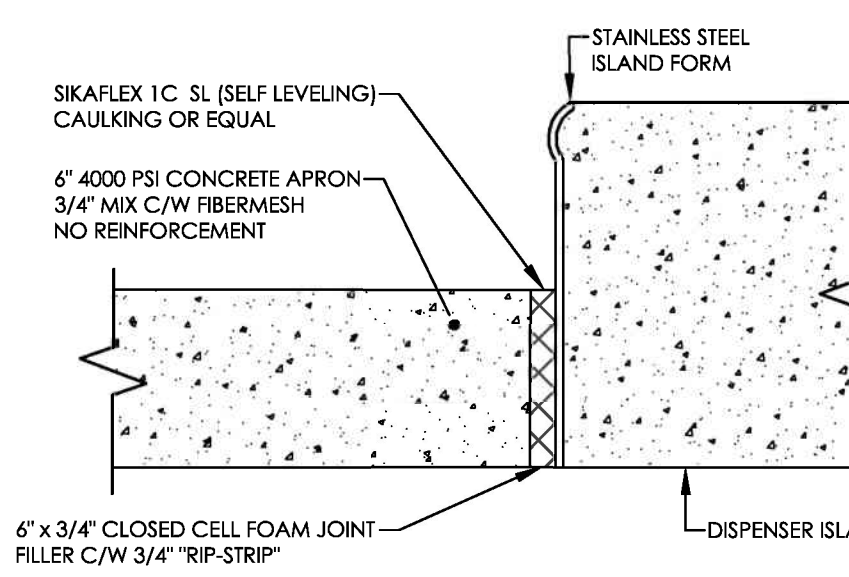
FUELING AREA NOTE:
THIS PLAN IS INTENDED TO PROVIDE A GENERAL LAYOUT PLAN. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TANK AND APRON AS DESIGNED AND PROVIDED BY THE TANK INSTALLER MEETING ALL LOCAL STATE & FEDERAL REGULATION.



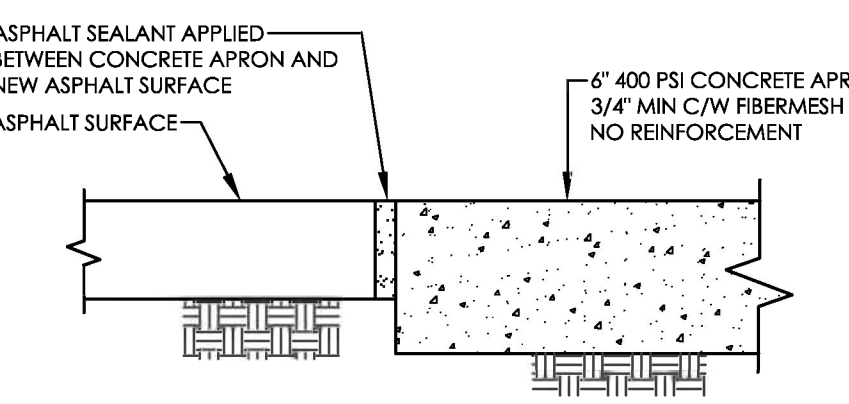
TYPICAL SAWCUT DETAIL
NOT TO SCALE



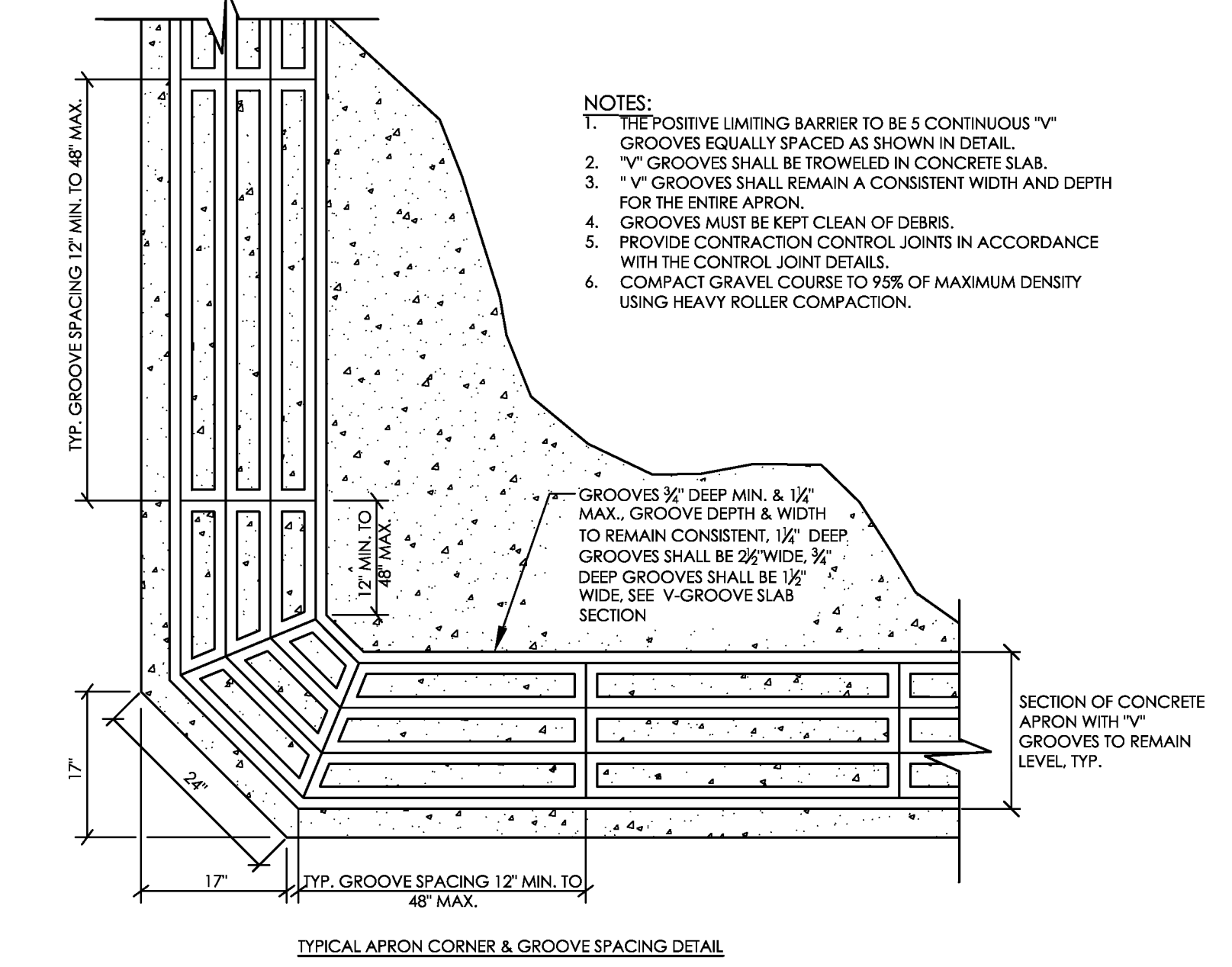
TYPICAL EXPANSION JOINT DETAIL
NOT TO SCALE



TYPICAL ISLAND/APRON DETAIL
NOT TO SCALE

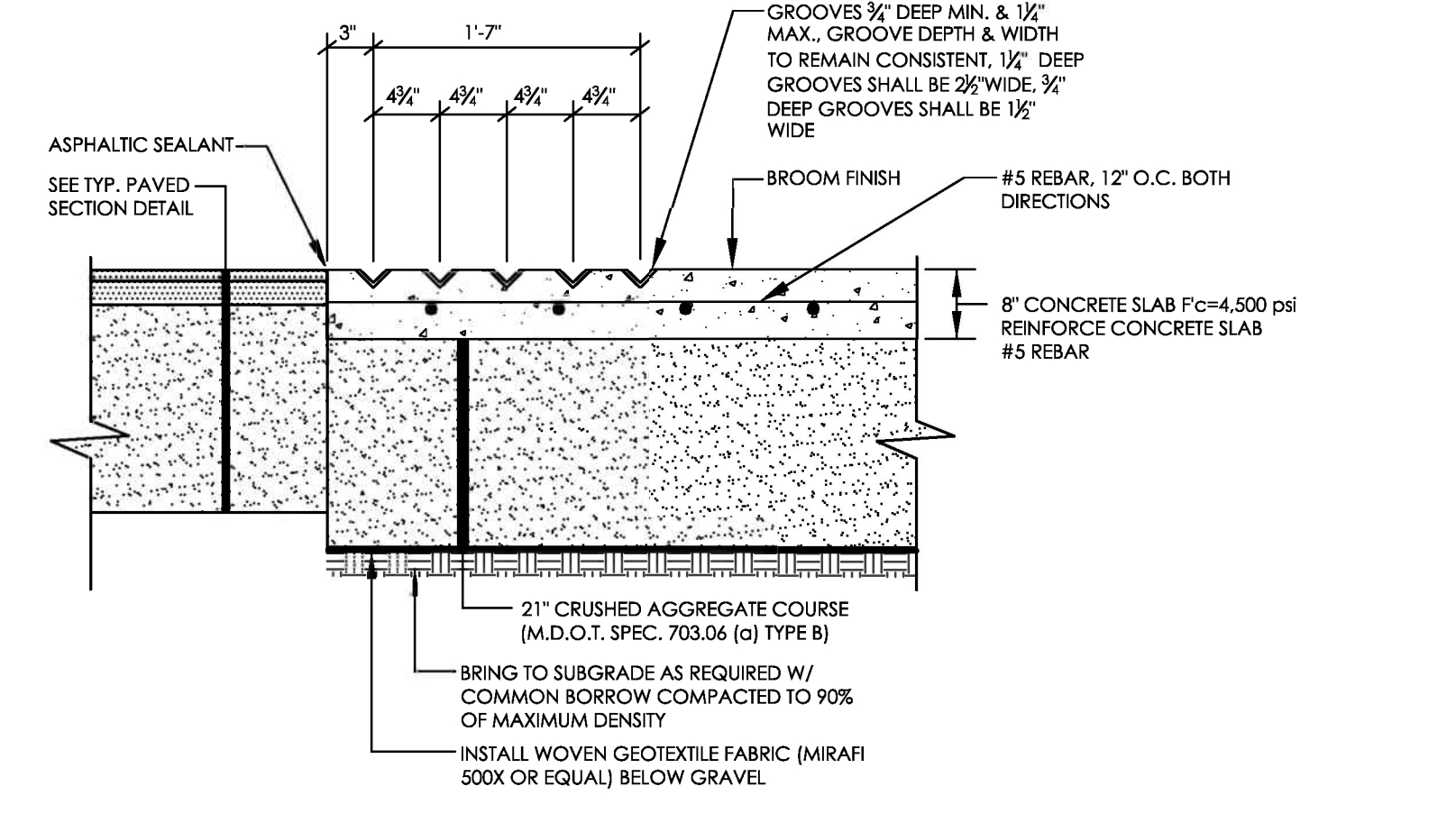


TYPICAL CONCRETE, ASPHALT DETAIL
NOT TO SCALE

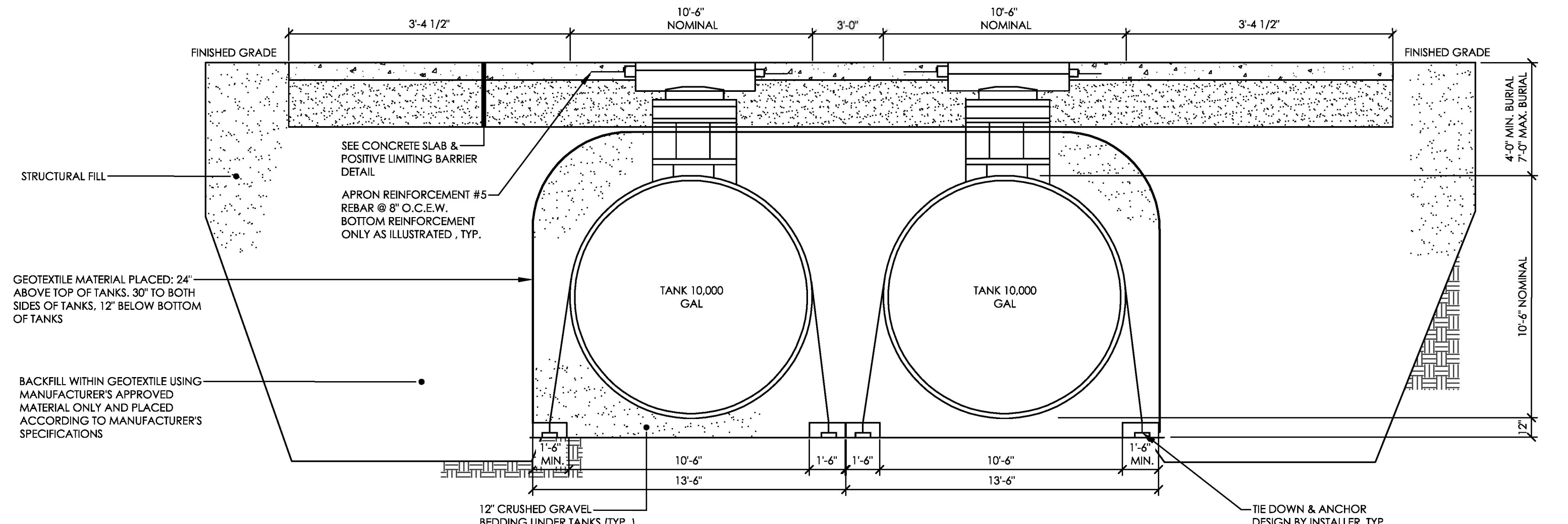


NOTES:
1. THE POSITIVE LIMITING BARRIER TO BE 5 CONTINUOUS "V" GROOVES EQUALLY SPACED AS SHOWN IN DETAIL.
2. "V" GROOVES SHALL BE TROWELED IN CONCRETE SLAB.
3. "V" GROOVES SHALL REMAIN A CONSISTENT WIDTH AND DEPTH FOR THE ENTIRE APRON.
4. GROOVES MUST BE KEPT CLEAN OF DEBRIS.
5. PROVIDE CONTRACTION CONTROL JOINTS IN ACCORDANCE WITH THE CONTRACT JOINT DETAILS.
6. COMPACT GRAVEL COURSE TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.

TYPICAL APRON CORNER & GROOVE SPACING DETAIL
NOT TO SCALE

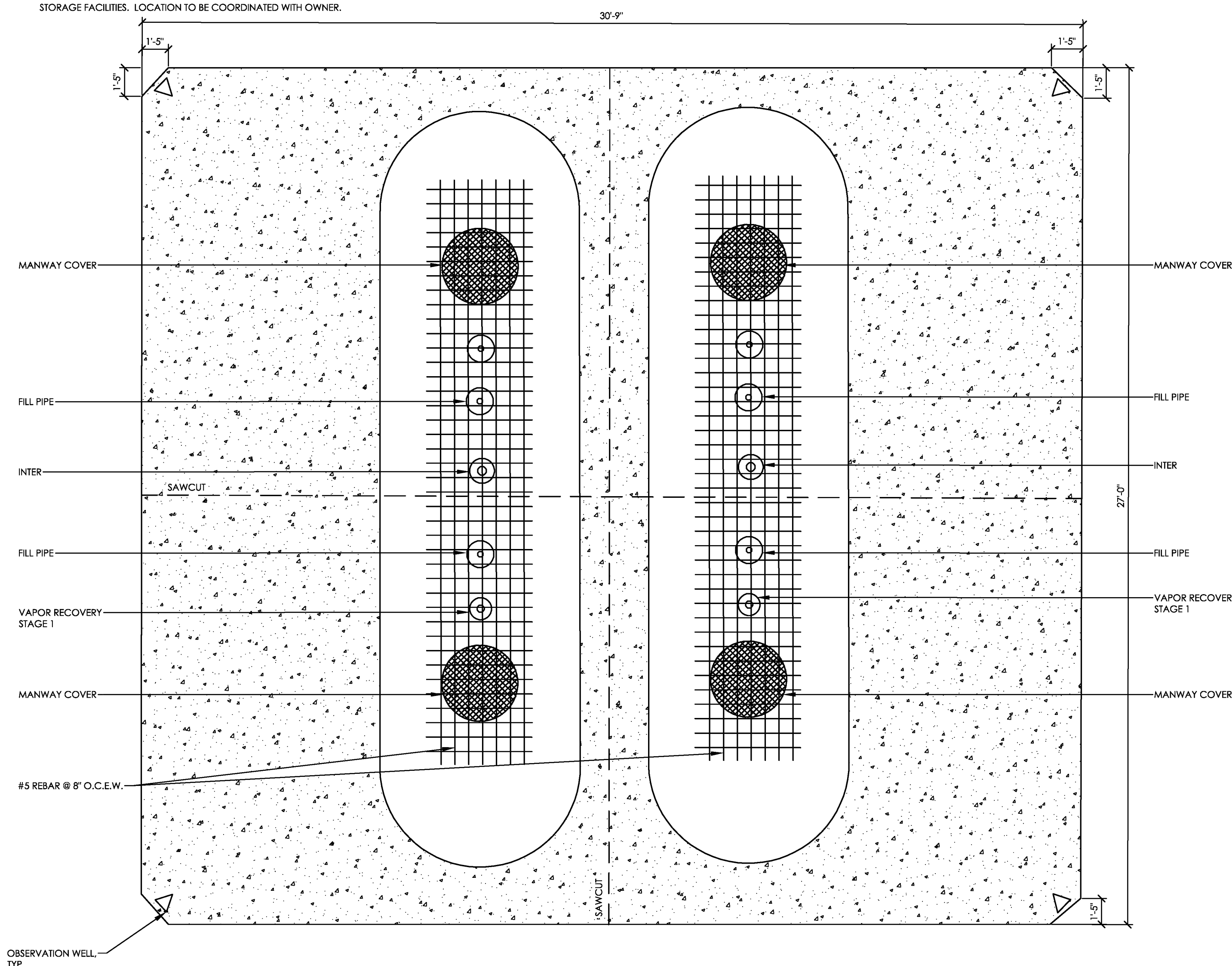


CONCRETE PAD & POSITIVE LIMITING BARRIER DETAIL
NOT TO SCALE



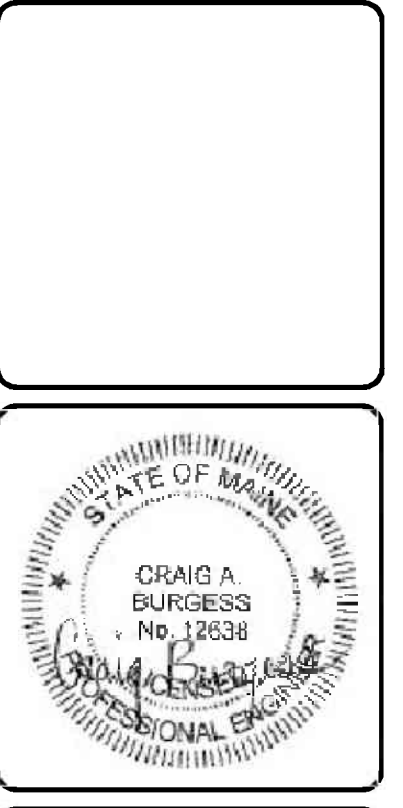
NOTES:
1. LABEL ACCESS HATCHES 'DIESEL' AND 'UNLEADED'.
2. THE CONTRACTOR SHALL INSTALL TWO GROUNDWATER MONITORING WELLS FOR LEAK DETECTION. INSTALLATION SHALL CONFORM WITH STATE STANDARDS FOR UNDERGROUND OIL STORAGE FACILITIES. LOCATION TO BE COORDINATED WITH OWNER.

FUEL TANK SECTION
NOT TO SCALE



TYPICAL TANK APRON - PLAN VIEW
NOT TO SCALE

FUELING AREA DETAILS
NOT TO SCALE



DESIGNED	CHECKED
CAB	OAM

REV.	BY:	DATE:	STATUS:
B	OAM	03/18/16	ISSUED FOR CONSTRUCTION
A	OAM	02/26/16	ISSUED FOR 90% REVIEW

SEBAGO
TECHNICALS
WWW.SE BAGOTECHNICALS.COM
250 South Main Street
South Portland, ME 04106
Tel: 207-768-5568

DETAILS
OF:
SOUTH PORTLAND PUBLIC SERVICES FACILITY
929 HIGHLAND AVENUE
SOUTH PORTLAND, MAINE
FOR:
CITY OF SOUTH PORTLAND
25 COTTAGE ROAD
SOUTH PORTLAND, MAINE 04106
Tel: 207-768-5568