

# JORDAN BAY MARINA - FUEL TANK REPLACEMENT

1328 ROOSEVELT TRAIL  
RAYMOND, MAINE

**APPLICANT:**

**PORT HARBOR MARINE**

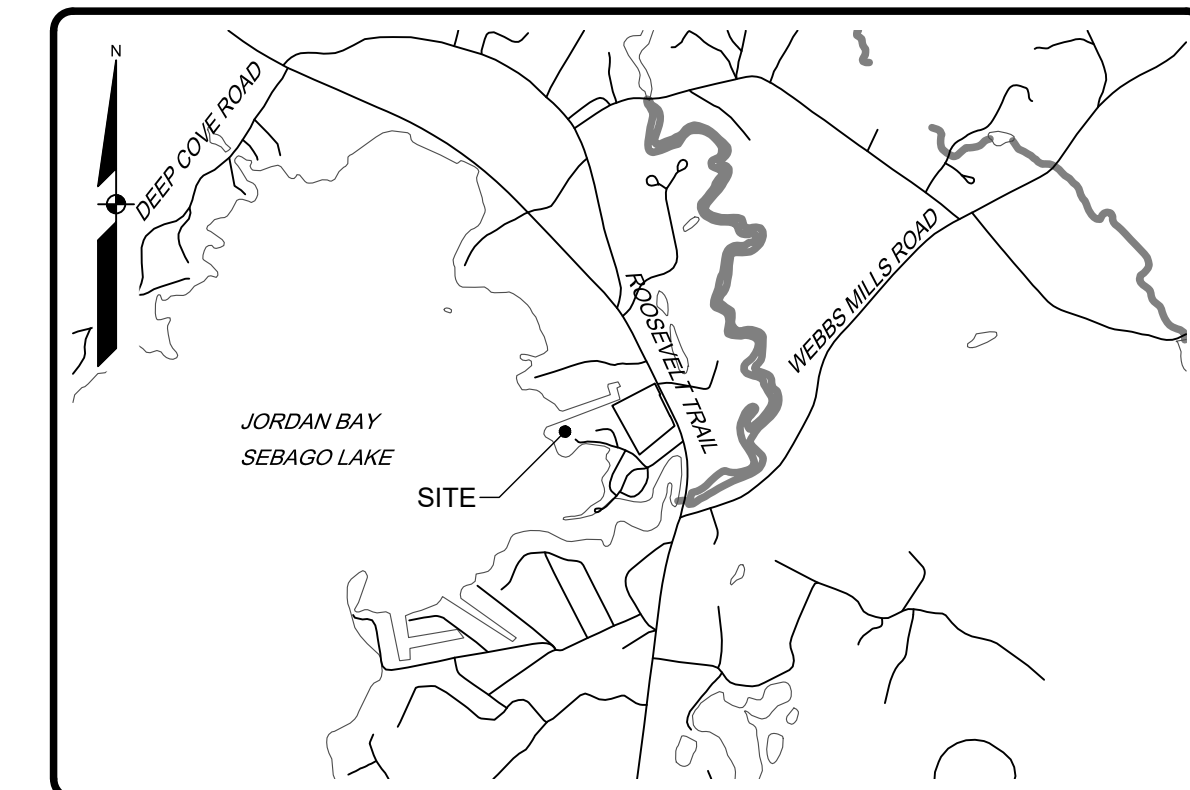
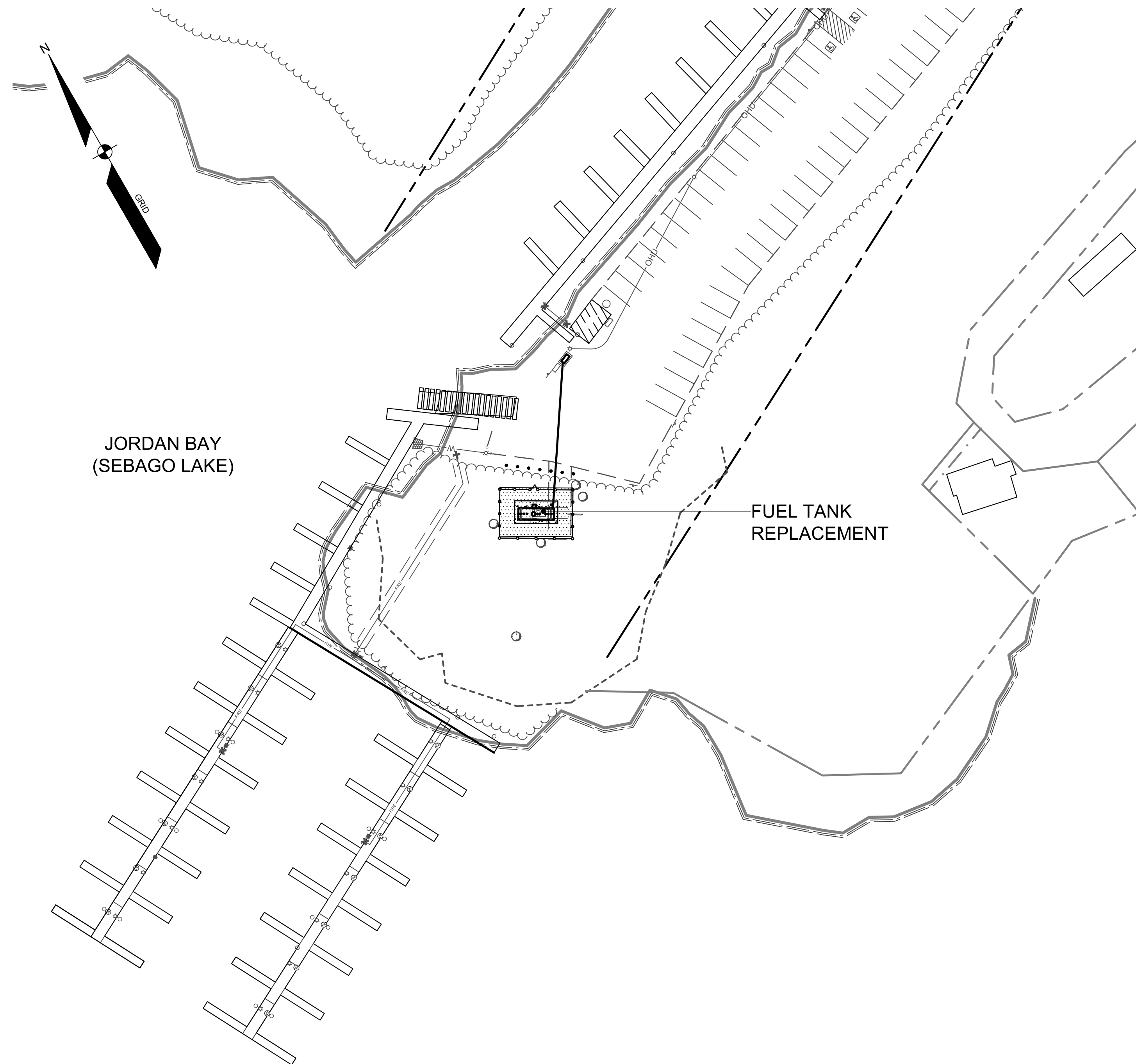
1 SPRING POINT DRIVE  
SOUTH PORTLAND, ME 04106

**ENGINEER/SURVEYOR/  
LANDSCAPE ARCHITECT:**

**SEBAGO  
TECHNICS**

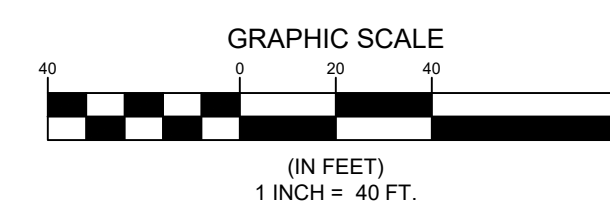
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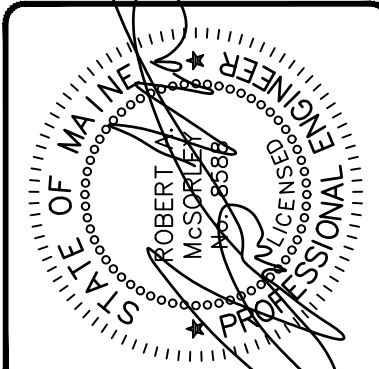
LOCATION MAP

NTS



**Sheet List Table**

Sheet Number	Sheet Title
1	COVER SHEET
2	SITE PLAN
3	EROSION CONTROL NOTES
4	DETAILS



REV	BY	DATE	STATUS
A	RAM	08/01/22	SUBMISSIONS TO TOWN & MDEP

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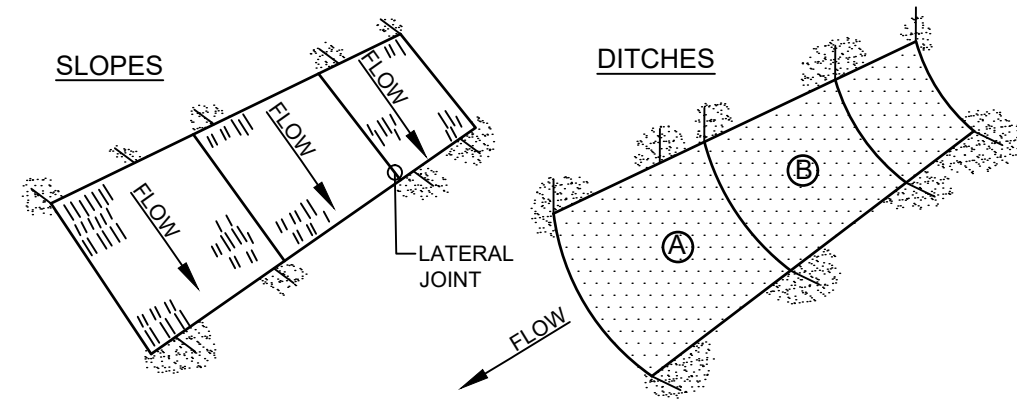
COVER SHEET  
OF:  
JORDAN BAY MARINA - FUEL TANK REPLACEMENT  
1328 ROOSEVELT TRAIL  
RAYMOND, MAINE  
FOR:  
PORT HARBOR MARINE  
1328 ROOSEVELT TRAIL  
SOUTH PORTLAND, ME 04106

DESIGNED	RAM
DRAWN	DAB
CHECKED	RAM
DATE	07/22/22
SCALE	1" = 40'
PROJECT	14265-03

14265-03 C-04a.dwg, TAB: 1 COVER SHEET



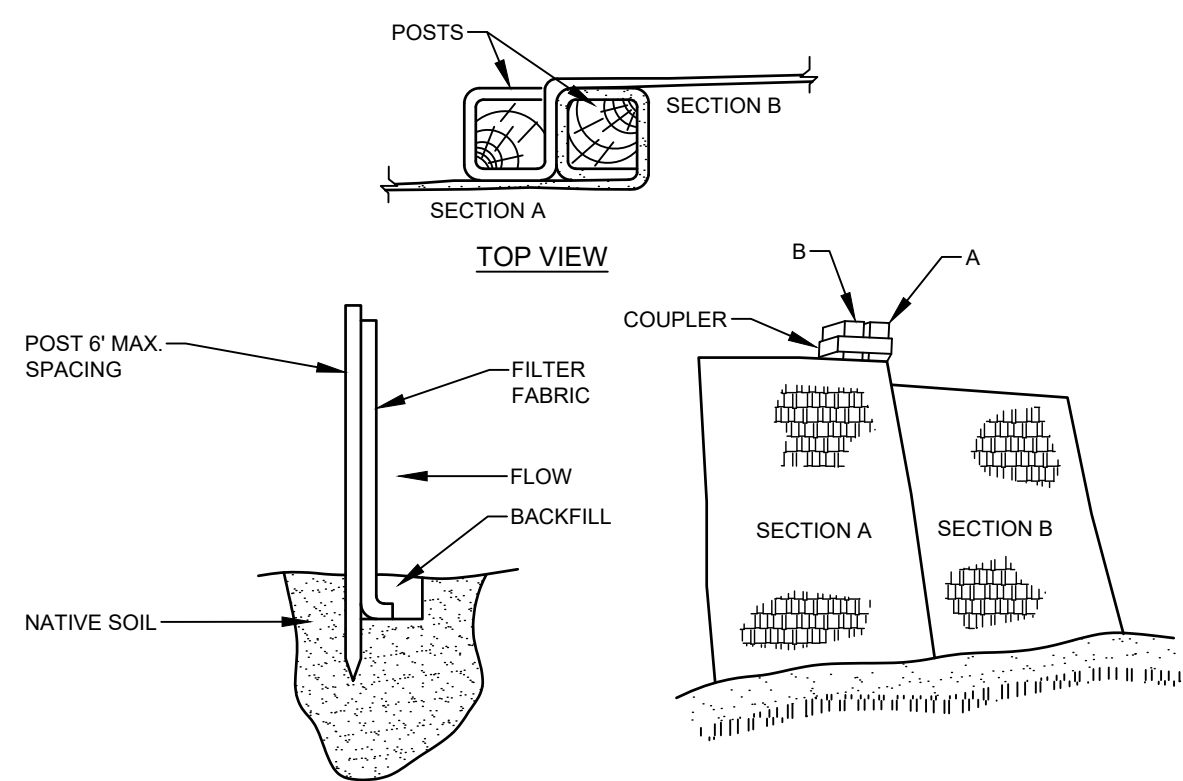




- NOTES:**
- BURY THE TOP END OF THE MESH MATERIAL IN A 6" TRENCH AND BACKFILL AND TAMP TRENCHING SECURE END WITH STAPLES AT 6" SPACING, 4" DOWN FROM EXPOSED END.
  - FLOW DIRECTION JOINTS TO HAVE UPPER END OF LOWER STRIP BURIED WITH UPPER LAYERS OVERLAPPED 4" AND STAPLED. OVERLAP B OVER A.
  - LATERAL JOINTS TO HAVE 4" OVERLAP OF STRIPS. STAPLE 18" ON CENTER.
  - STAPLE OUTSIDE LATERAL EDGE 2" ON CENTER.
  - WIRE STAPLES TO BE MIN OF #11 WIRE 6" LONG AND 1-1/2" WIDE.
  - USE NORTH AMERICAN GREEN DS 150 OR APPROVED EQUAL.

**EROSION CONTROL BLANKET**

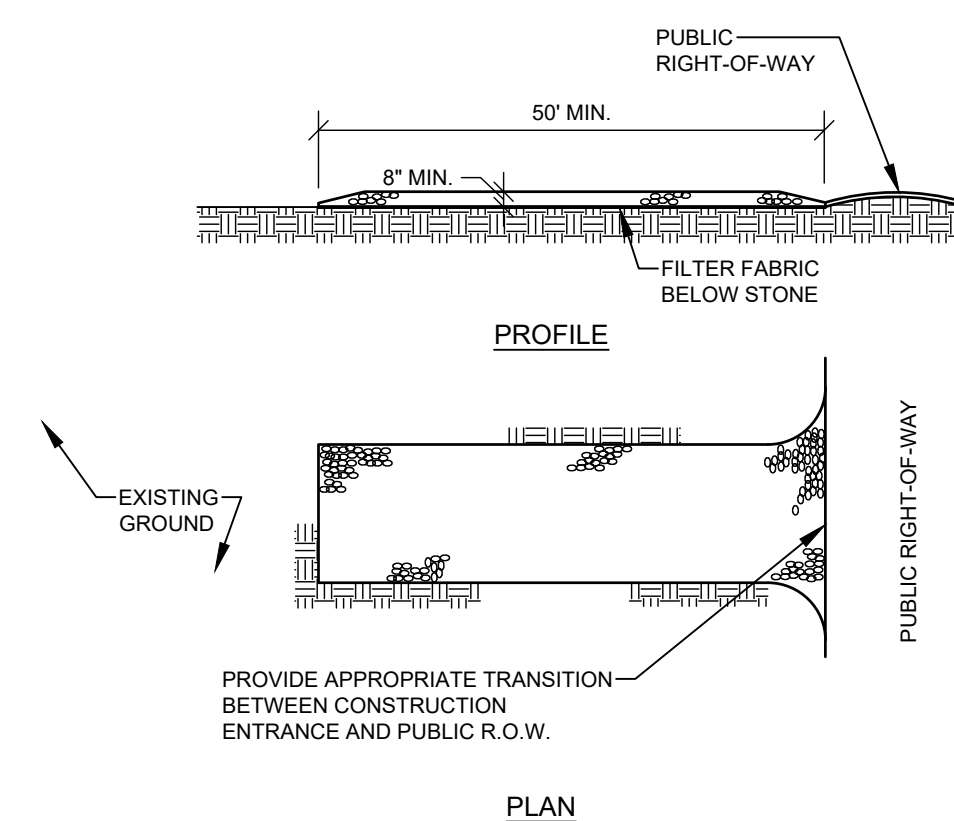
NOT TO SCALE



- INSTALLATION:**
- EXCAVATE A 6"x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
  - UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
  - DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
  - LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE, BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
  - JOIN SECTION AS SHOWN ABOVE.
  - BARRIER SHALL BE MIRAFI SILT FENCE OR EQUAL.
  - THE FENCE SHOULD BE ANCHORED TO RESIST PULL-OUT AND BE STRETCHED TIGHTLY BETWEEN STAKES TO PREVENT SAGGING.
  - IN AREAS WHERE FLAP CANNOT BE KEYED PROPERLY (DUE TO FROZEN GROUND, BEDROCK, STONY SOILS, ROOTS NEAR A PROTECTED NATURAL RESOURCE, ETC.) THE SILT FENCE SHOULD BE ANCHORED WITH AGGREGATE, CRUSHED STONE, EROSION CONTROL MIX OR OTHER MATERIAL.
  - FILTER BARRIER NEEDS TO BE REMOVED WHEN THE AREA IS STABILIZED.

**FILTER BARRIER**

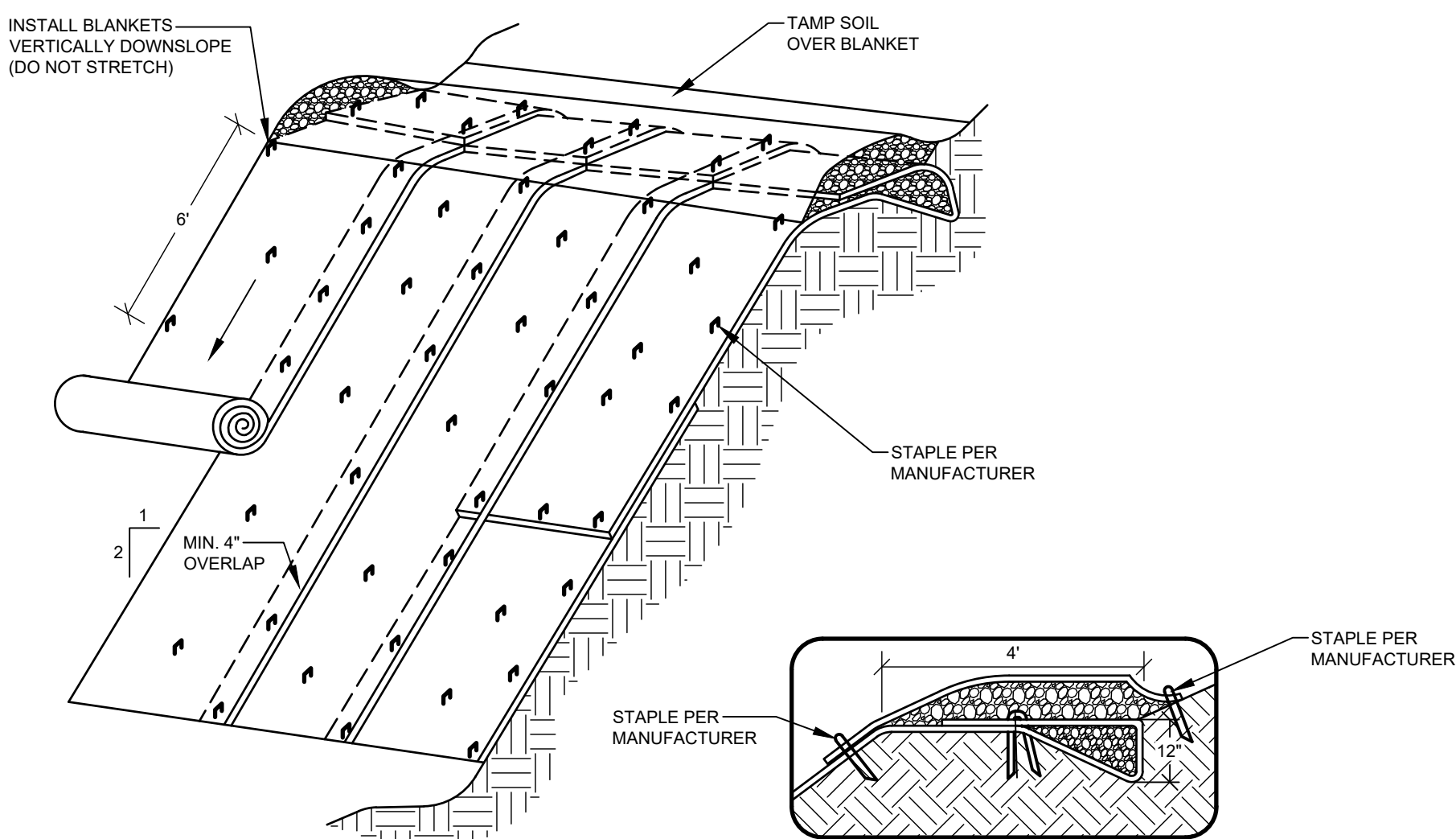
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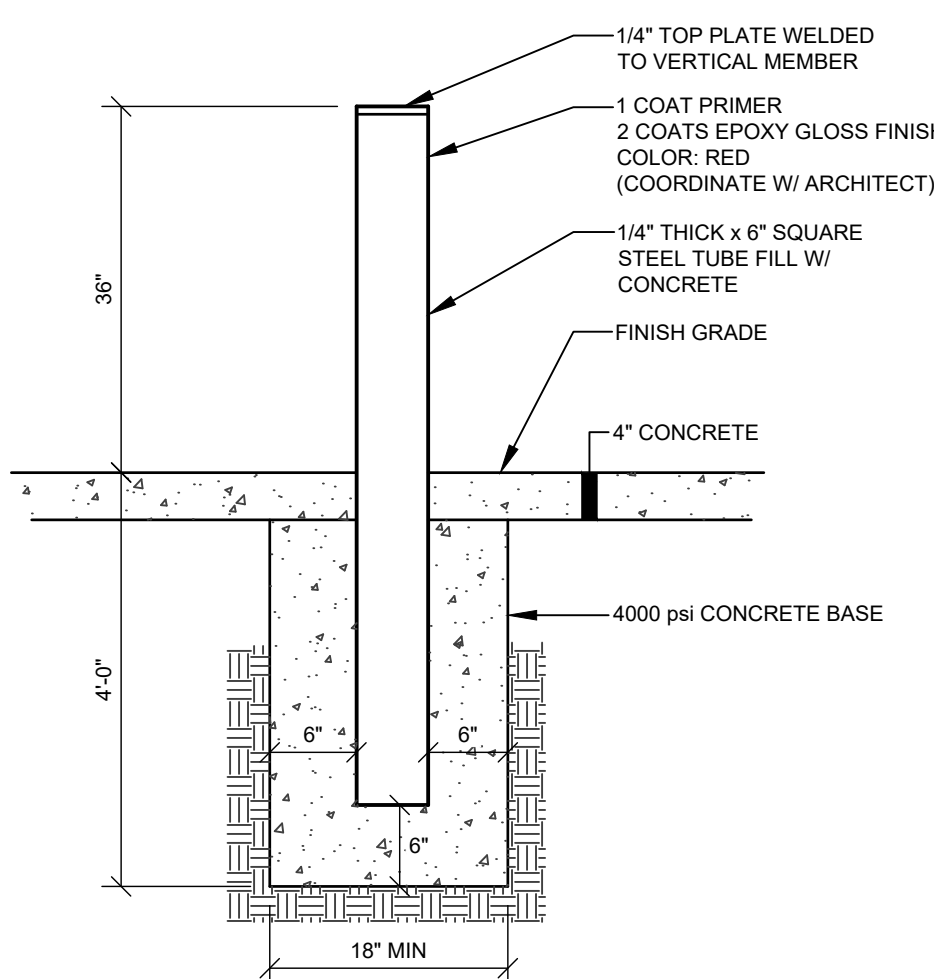
- NOTES:**
- STONE SIZE - AASHTO DESIGNATION M43, SIZE NO. 2 (2 1/2" TO 1 1/2"). USE CRUSHED STONE.
  - LENGTH - AS SHOWN ON PLANS, MIN. 50 FEET.
  - THICKNESS - NOT LESS THAN EIGHT (8) INCHES.
  - WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
  - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

**STABILIZED CONSTRUCTION ENTRANCE**

NOT TO SCALE

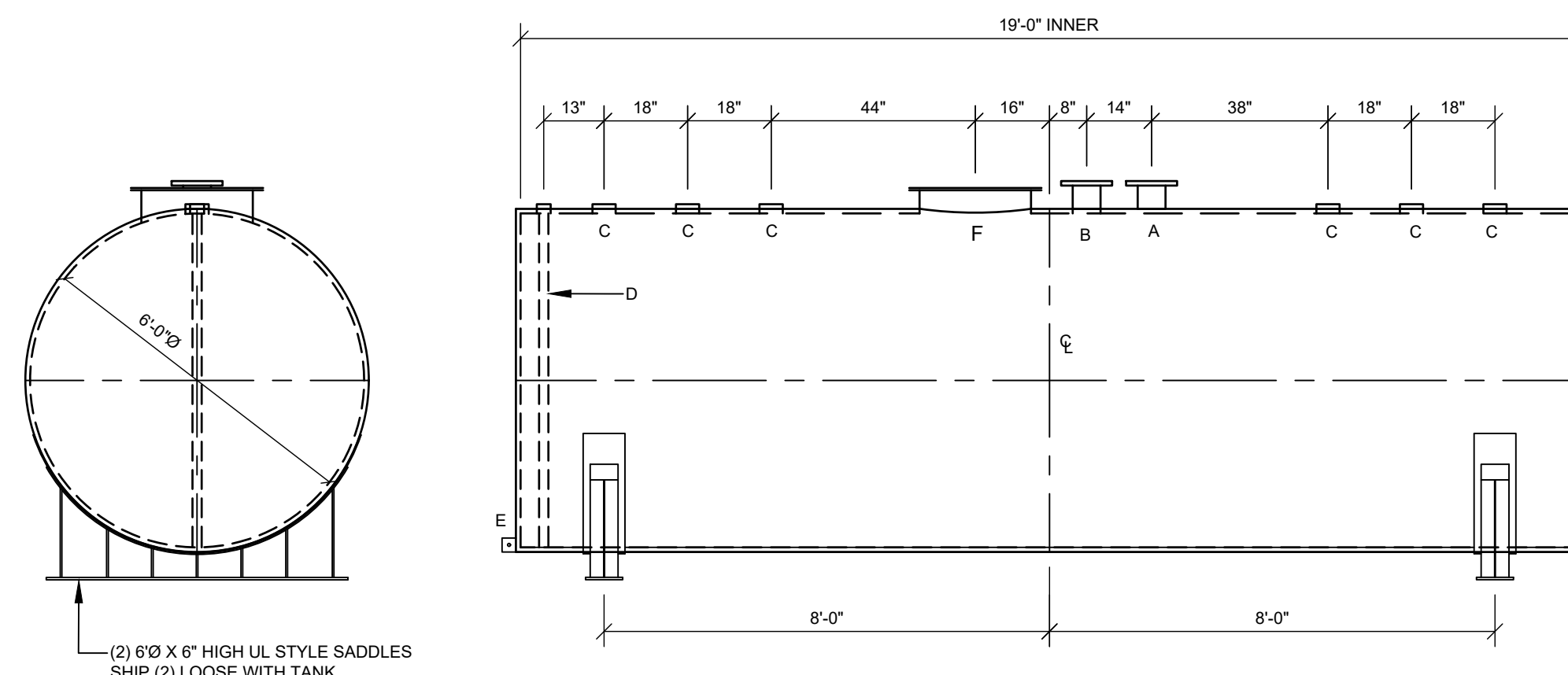


- CONSTRUCTION SPECIFICATIONS**
- THE SOIL SURFACE SHALL BE FINELY GRADED AND SMOOTH FOR THE BLANKET TO HAVE DIRECT CONTACT WITH THE SOIL AND TO PREVENT UNDERMINING.
  - SEED SHALL BE SOWN BEFORE INSTALLING THE EROSION CONTROL BLANKET.
  - ALWAYS UNROLL THE BLANKET DOWNHILL WITHOUT STRETCHING AND ANCHOR THE UPSLOPE EDGE IN A 12 INCH DEEP TRENCH THAT IS BACKFILLED AND TAMPED. COVER THE TAMPED SOIL WITH BLANKET AND STAPLE TO SECURE.
  - OVERLAP SHINGLE STYLE A MINIMUM OF 12 INCHES AT THE TOP OF EACH ROW AND 4 INCHES AT THE EDGES OF PARALLEL ROWS. ANCHOR ALONG THE OVERLAP WITH A MAXIMUM SPACING OF 3 FEET OR AS REQUIRED BY THE MANUFACTURER.



**METAL TOP PLATE BOLLARD**

NOT TO SCALE

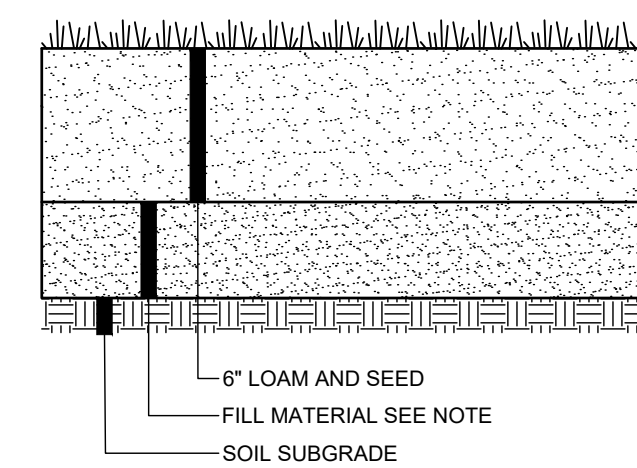


- DESIGN DATA:**
- CAPACITY: 4,000 GALLONS
  - TYPE: DOUBLE WALL - TYPE I
  - OPERATING PRESSURE: ATMOSPHERIC
  - SPECIFIC GRAVITY: 1.0
  - TANK MATERIAL: MILD CARBON STEEL
  - THICKNESS - INNER - HEADS: 1/4" SHELL: 1/4"
  - THICKNESS - OUTER - HEADS: 10 GA. SHELL: 10 GA

LEGEND	
A	6" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY. MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
B	6" FFSO 150# FLANGE - PRIMARY EMERGENCY VENT
C	4" FITTING
D	2" INTERNAL INTERSTITIAL MONITOR PIPE
E	3" x 3" PLATE W/ 1/2" (MIN.) HOLE ON $\epsilon$ (GROUNDING LUG - ONE REQ'D)
F	24" TIGHT BOLT MANWAY w/ 1/8" FIBREFLEX GASKET MATERIAL

**FUEL TANK (4,000 GAL)**

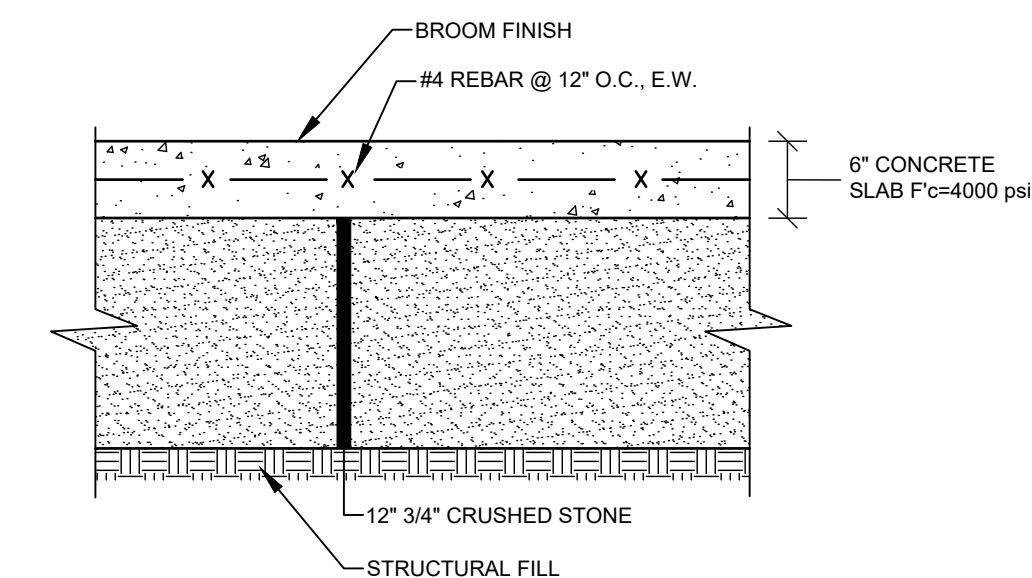
NOT TO SCALE



- NOTE:**
- FILL USED TO RAISE GRADE OVER SOIL SUBGRADES SHALL BE COMMON BORROW (MDOT 703.19)
  - FILL SHALL BE GRANULAR BORROW IN AREAS INDICATED IN GEOTECHNICAL REPORT

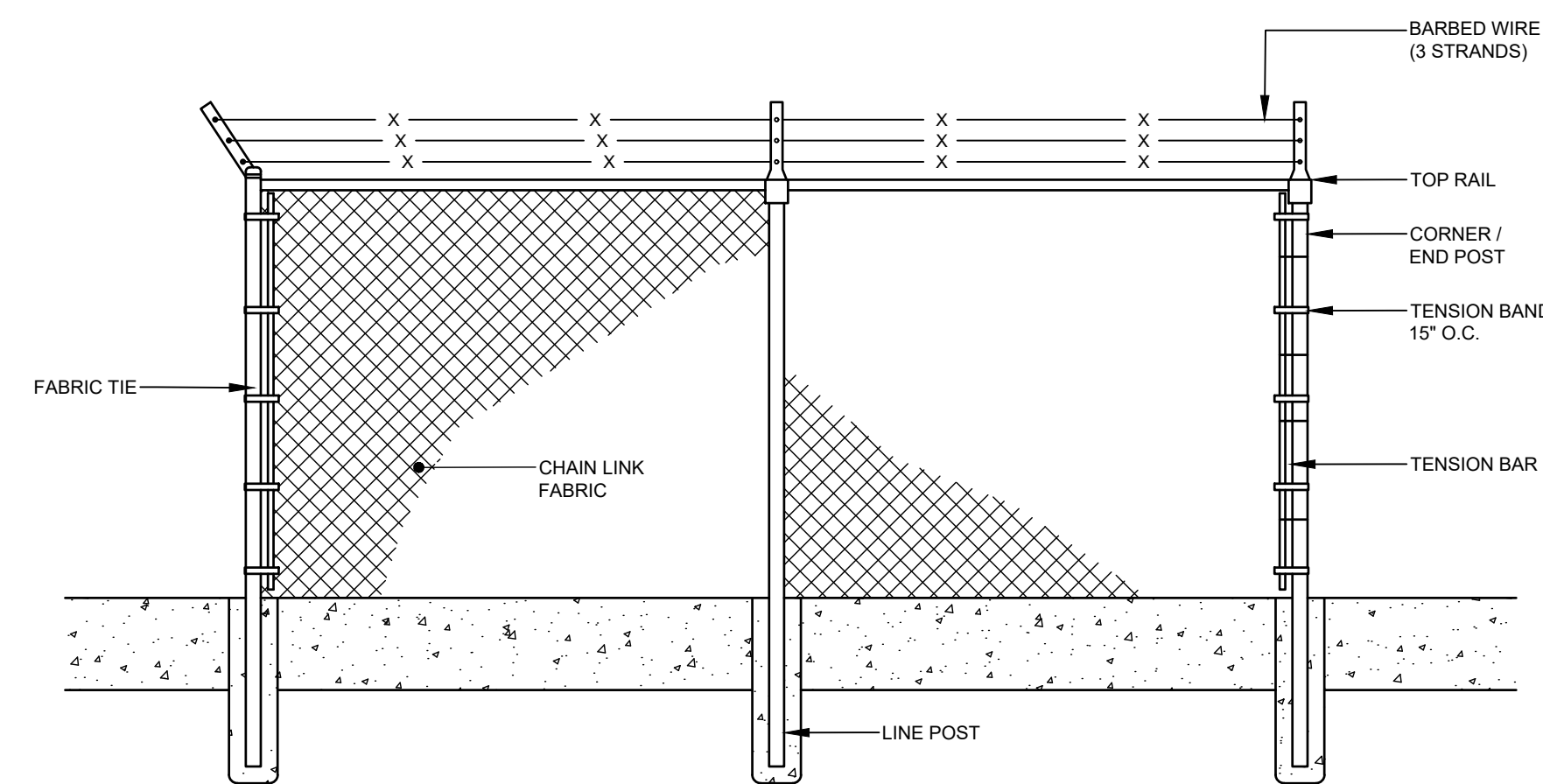
**LOAM & SEED (SOIL SUBGRADE)**

NOT TO SCALE



**CONCRETE SLAB**

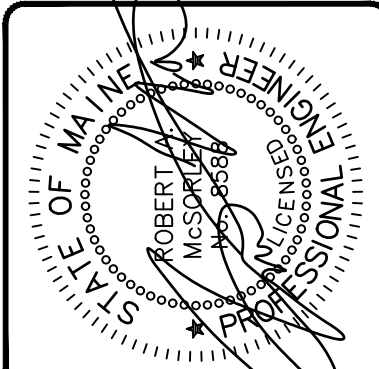
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**CHAIN LINK FENCE WITH BARBED WIRE**

NOT TO SCALE

ROBERT A. MCSORLEY, P.E. 6588



REV.	BY	DATE	STATUS	DESCRIPTION
A	RAM	08/01/22	SUBMISSIONS TO TOWN & MDEP	

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**DETAILS**  
OF  
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RAYMOND, MAINE  
FOR:  
**PORT HARBOR MARINE**  
1 SPRING POINT DRIVE  
SOUTH PORTLAND, ME 04106

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