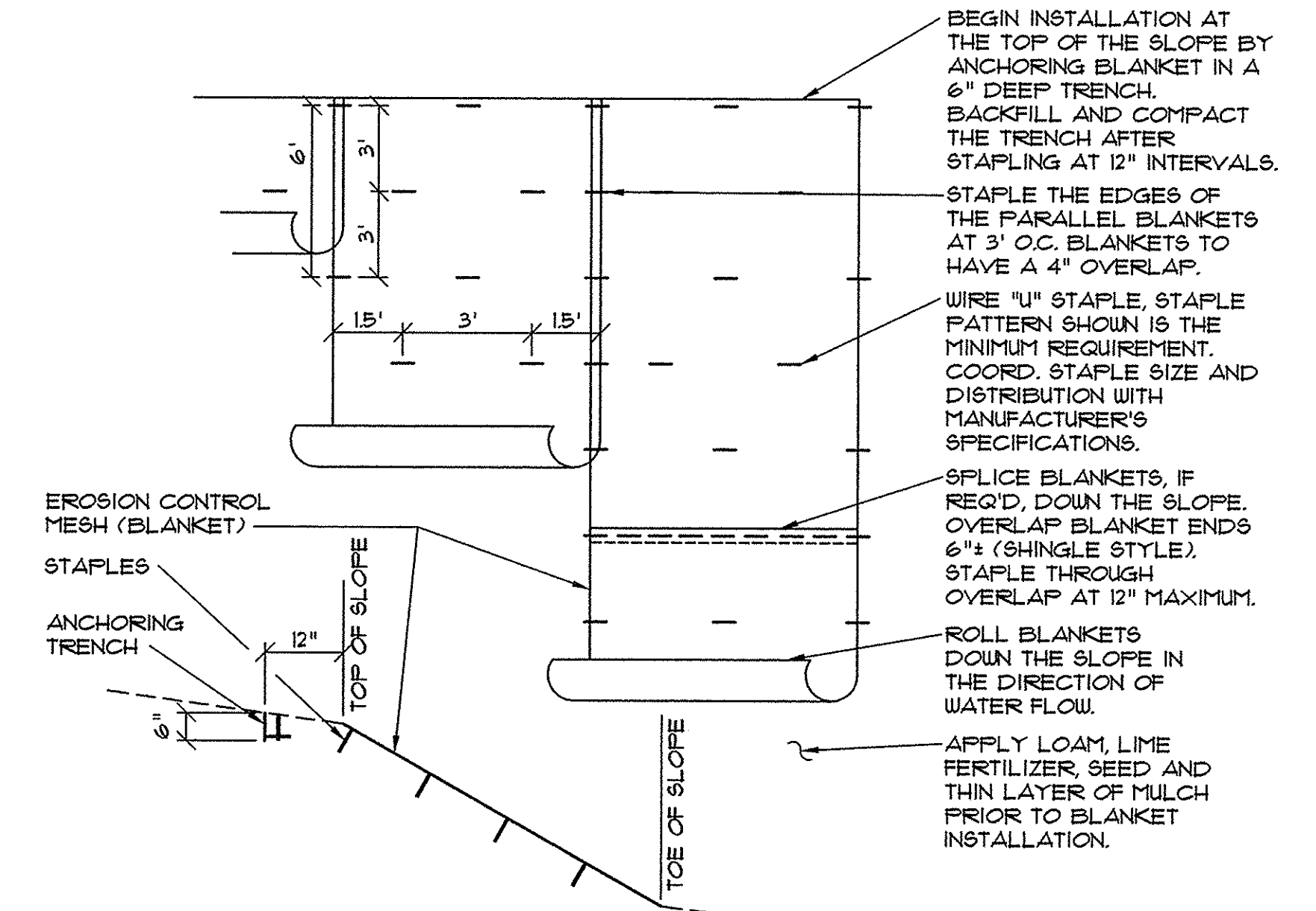
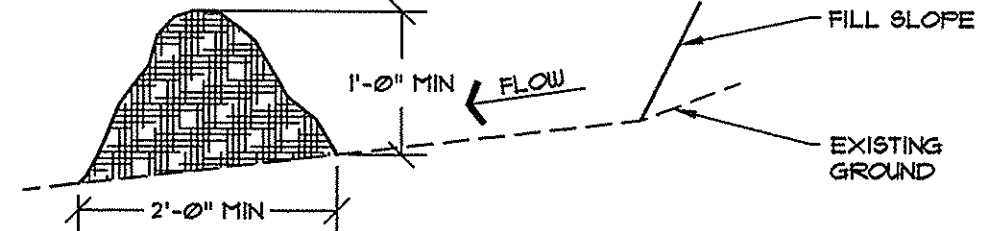


- NOTES:
1. MAINTAIN ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. IF WASHING IS REQUIRED PREVENT SEDIMENT FROM ENTERING WATERWAYS, DITCHES OR STORM DRAINS.
 2. REMOVE STABILIZED CONSTRUCTION ENTRANCE TO FINISH ROAD CONSTRUCTION & PAVEMENT.

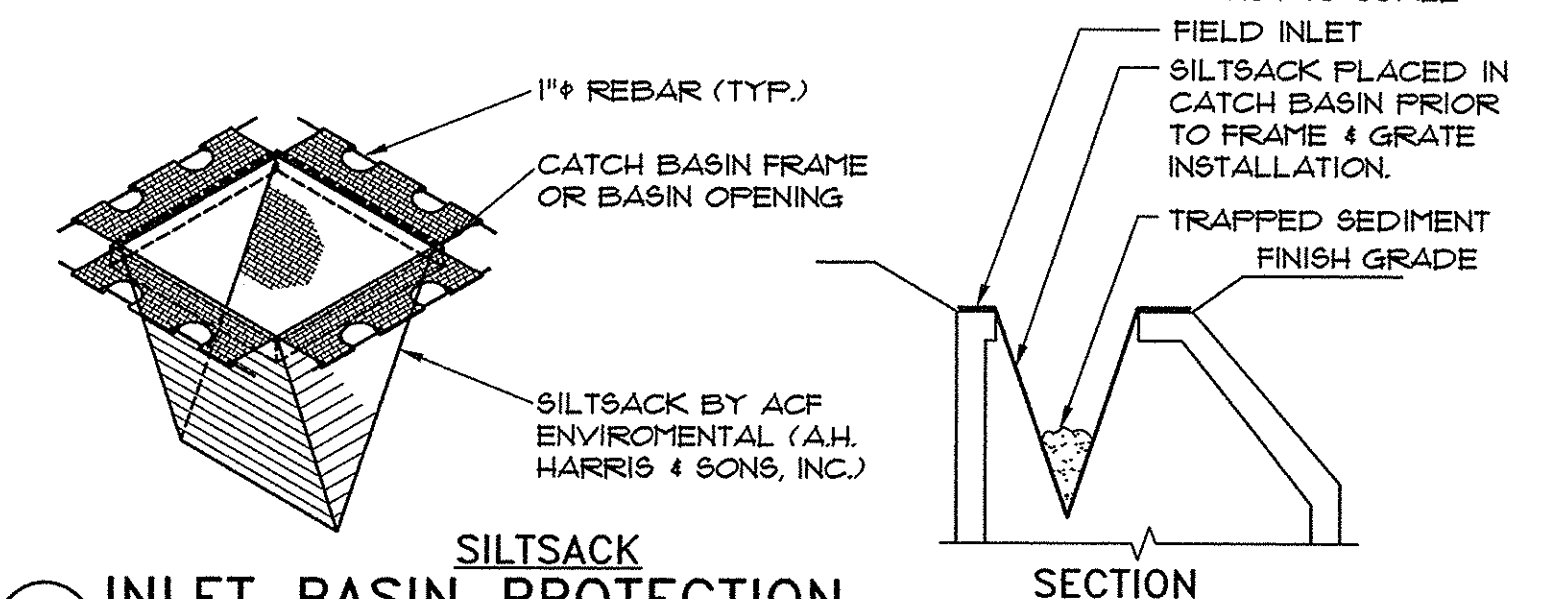
3 STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



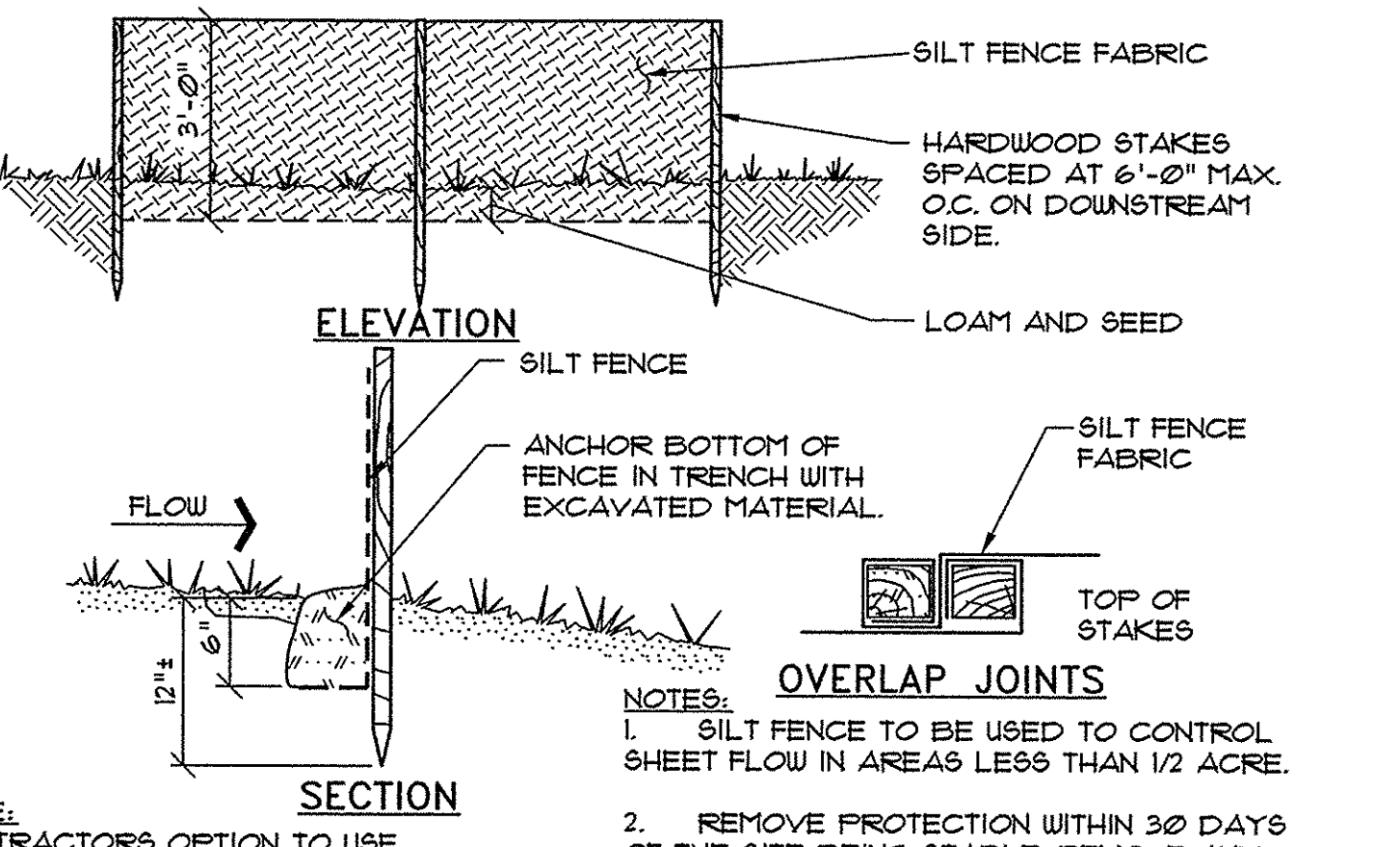
2 EROSION CONTROL MESH INSTALLATION DETAIL
NOT TO SCALE



- NOTES:
1. EROSION CONTROL MIX CAN BE MANUFACTURED ON OR OFF THE SITE. IT MUST CONSIST PRIMARILY OF ORGANIC MATERIAL SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR FLUKE GRIT AND FRAGMENTED WOOD GENERATED FROM WATER-FLUPE LOG HANDLING SYSTEMS. WOOD CHIPS, GROUND CONSTRUCTION DEBRIS, REPROCESSED WOOD PRODUCTS OR BARK CHIPS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX. EROSION CONTROL MIX SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS:
 A. ORGANIC MATERIAL: BETWEEN 20% - 100% (DRY WEIGHT BASIS)
 B. PARTICLE SIZE: BY WEIGHT, 100% PASSING 6" SCREEN, 10-85% PASSING 0.75" SCREEN
 C. THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
 D. LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
 E. SOLUBLE SALTS CONTENT SHALL BE LESS THAN 4.0 M/MHOS/GM.
 F. PH: 5.0 - 8.0
 2. ON SLOPES LESS THAN 3% OR AT THE BOTTOM OF SLOPES 2:1 OR LESS UP TO 20 FEET LONG, THE BARRIER MUST CONFORM TO THE ABOVE DIMENSIONS. ON THE LONGER OR STEEPER SLOPES, THE BARRIER SHOULD BE WIDER TO ACCOMMODATE THE ADDITIONAL FLOW.
 3. THE BARRIER MUST BE PLACED ALONG A RELATIVELY LEVEL ELEVATION. IT MAY BE NECESSARY TO CUT TALL GRASSES OR WOODY VEGETATION TO AVOID CREATING VOIDS AND BRIDGES THAT WOULD ENABLE FINES TO WASH UNDER THE BARRIER THROUGH THE GRASS BLADES OR PLANT STEMS.
 4. LOCATIONS WHERE OTHER BMP'S SHOULD BE USED:
 A. AT LOW POINTS OF CONCENTRATED FLOW
 B. BELOW CULVERT OUTLET APRONS
 C. WHERE A PREVIOUS STAND-ALONE EROSION CONTROL MIX APPLICATION HAS FAILED
 D. AT THE BOTTOM OF STEEP PERIMETER SLOPES THAT ARE MORE THAN 50 FEET FROM TOP TO BOTTOM (LARGE UPGRADIENT WATERSHED)
 E. AROUND CATCH BASINS AND CLOSED STORM DRAIN SYSTEMS.
 5. THE EROSION CONTROL MIX BARRIERS SHOULD BE INSPECTED REGULARLY AND AFTER EACH LARGE RAINFALL. REPAIR ALL DAMAGED SECTIONS OF BERM IMMEDIATELY BY REPLACING OR ADDING ADDITIONAL MATERIAL PLACED ON THE BERM TO THE DESIRED HEIGHT AND WIDTH.
 6. IT MAY BE NECESSARY TO REINFORCE THE BARRIER WITH SILT FENCE OR STONE CHECK DAMS IF THERE ARE SIGNS OF UNDERCUTTING OR THE IMPROUNDMENT OF LARGE VOLUMES OF WATER.
 7. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 8. REPLACE SECTIONS OF BERM THAT DECOMPOSE, BECOME CLOGGED WITH SEDIMENT OR OTHERWISE BECOME INEFFECTIVE. THE BARRIER SHOULD BE RESHAPED AS NEEDED.
 9. EROSION CONTROL MIX BARRIERS CAN BE LEFT IN PLACE AFTER CONSTRUCTION. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER BARRIER IS NO LONGER REQUIRED SHOULD BE SPREAD TO CONFORM TO THE EXISTING GRADE AND BE SEEDED AND MULCHED. WOODY VEGETATION CAN BE PLANTED INTO THE BARRIERS, OR THEY CAN BE OVER-SEEDED WITH LEGUMES. IF THE BARRIER NEEDS TO BE REMOVED, IT CAN BE SPREAD OUT INTO THE LANDSCAPE.



5 INLET BASIN PROTECTION
NOT TO SCALE



- NOTES:
1. SILT FENCE TO BE USED TO CONTROL SHEET FLOW IN AREAS LESS THAN 1/2 ACRE.
 2. REMOVE PROTECTION WITHIN 30 DAYS OF THE SITE BEING STABLE. REMOVE ANY ACCUMULATED SEDIMENT.

1 SURFACE DRAINAGE SEDIMENT CONTROL
NOT TO SCALE

PINKHAM & GREER CIVIL ENGINEERS
28 WINDY AVE. PORTLAND, ME 04103
TEL: 207-761-4646

STATE OF MAINE
THOMAS S. GREER
LICENSED PROFESSIONAL ENGINEER
NO. 42906
10/23/17

REV.	DATE	DESCRIPTION

OCEAN DEVELOPMENT LLC
PO BOX 1798
PORTLAND, ME 04104-1798

SCALE: AS SHOWN
DATE: OCTOBER 24, 2017
PROJECT: 151168

DRN BY: JWG
DESB BY: TSG
CHK BY: TSG

RAINMAKER BUSINESS PARK - PHASE 4
RAINMAKER DRIVE
PORTLAND, MAINE

EROSION CONTROL DETAILS & SITE DETAILS

C2.2
MAP/LOT 306/B/6