

- STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BLOCK BARRIER, AS SHOWN IN DETAIL. THE STONE FILTER SHALL BE 3/4" CRUSHED STONE.
- IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS

HIGH-FLOW SILT SACK ® (FOR USE IN LOW POINTS/SAGS)

SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF

DOWNSTREAM PORTION IF STOCKPILE IS ON SLOPE.

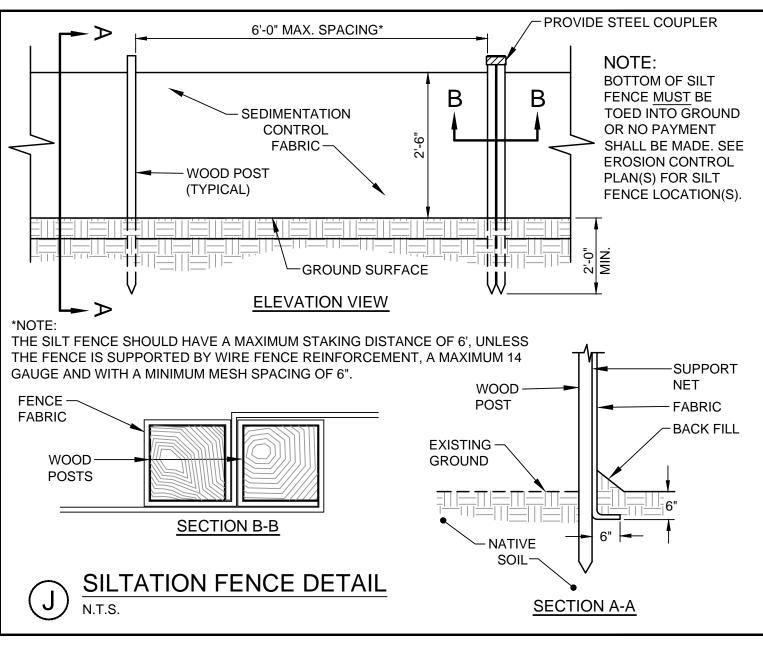
TOPSOIL STOCKPILE, OR TO EXTEND AROUND

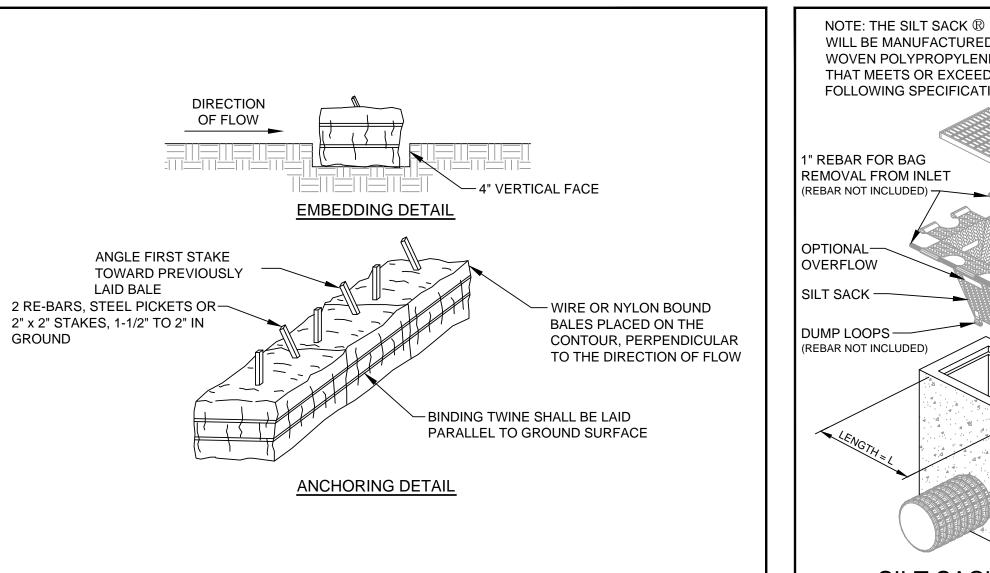
CHAIN LINK FENCE (SEE NOTE 7)

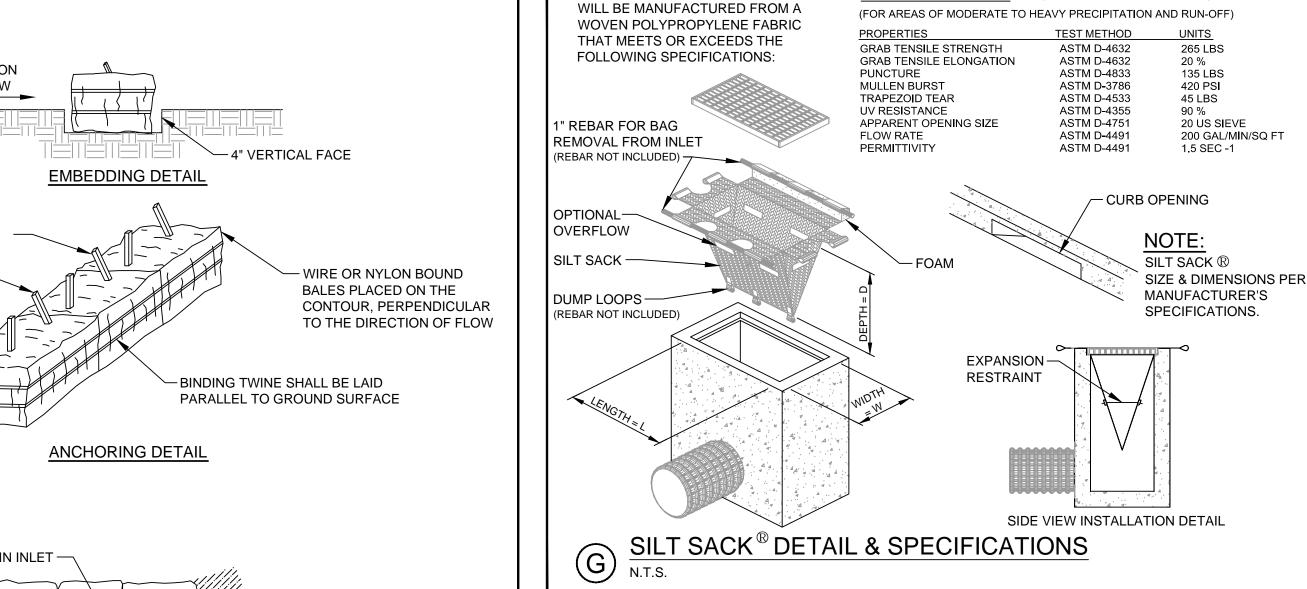
- ITS FUNCTION. THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED.



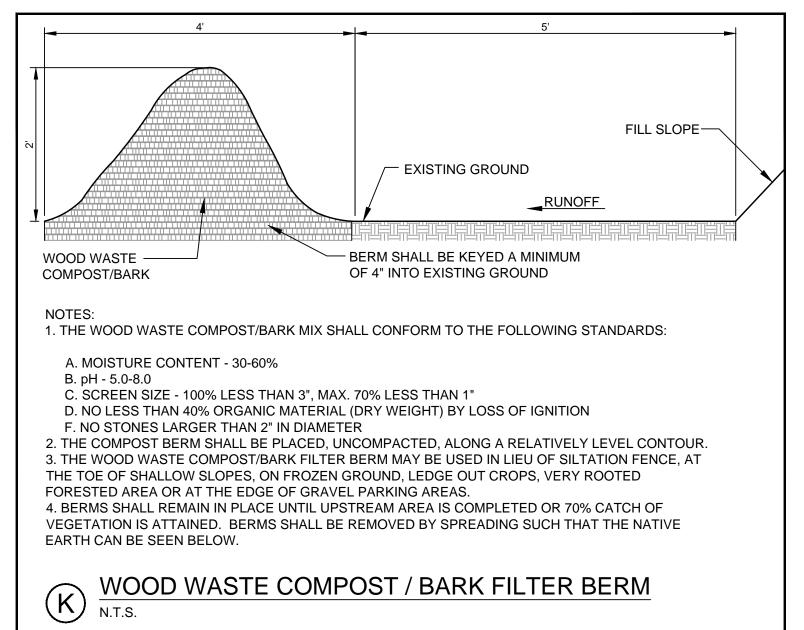
COMPARABLE WIRE MESH WITH  $\frac{1}{2}$ " OPENINGS SHALL BE USED.

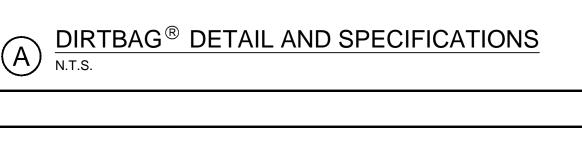






METHODS.





TEMPORARY HEAT TO PREVENT THE **DIRTBAG** FROM SUBSTANTIAL FREEZING.

THE SITE CONTRACTOR SHALL INCLUDE THE PRICE OF INSTALLING, OPERATING, AND REMOVAL AND DISPOSAL OF

AT ALL TIMES (AFTER INITIAL SITE PREPARATION), THE CONTRACTOR SHALL HAVE ONE DIRTBAG ACTIVE OR READY

OF A LAYER OF MIRAFI 600X, AND 18 INCHES OF 3/4 INCH CRUSHED STONE. THE PLAN DIMENSION OF THE CRUSHED

ALL CONSTRUCTION-DEWATERING OPERATIONS ARE THE RESPONSIBILITY OF THE SITE CONTRACTOR. IT SHALL BE

THE SITE CONTRACTOR WHO IS RESPONSIBLE FOR SELECTING THE SITE FOR THE DIRTBAG, THE SELECTION OF THE

USE OF THE **DIRTBAG** OR THE SEDIMENTATION BASIN FOR DIRECTING DEWATERING, EXCEPT THAT THE OWNER MAY

DIRECT THE SITE CONTRACTOR TO ALTER THE SELECTED OPERATION IF TURBID DISCHARGE TO THE WATER FRONT

IN THE EVENT THAT WINTER OPERATIONS ARE REQUIRED, THE CONTRACTOR SHALL "POLY", ENCLOSE, AND PROVIDE

THE WEEKLY EROSION-SEDIMENT CONTROL REPORTS PREPARED IN ACCORDANCE WITH THE MAINE CONSTRUCTION

GENERAL PERMIT SHALL MAINTAIN A LOG OF THE LOCATION, USE, AND REMOVAL OF **DIRTBAGS**. IN THE EVENT THAT

THE STONE UNDER THE **DIRTBAG** BECOMES HIGHLY CONTAMINATED WITH FINES, THE NEXT **DIRTBAG** SHALL BE

STONE PAD SHALL EXCEED THE PLAN AREA OF THE **DIRTBAG** BY AT LEAST TWO FEET IN ALL DIRECTIONS. THE

DIRTBAG SHALL NOT BE INSTALLED ON AN UNDERLYING SLOPE OF GREATER THAN 15 PERCENT.

FOR USE. THE **DIRTBAGS** SHALL BE FIELD LOCATED BY THE CONTRACTOR BUT ARE NOT TO BE INSTALLED IN ANY

"CRITICAL" AREA. (THE SITE CRITICAL AREAS ARE SHOWN ON THE EROSION-SEDIMENT CONTROL PLAN.) THE DIRTBAG SHALL BE INSTALLED ON A PREPARED SUBGRADE. THIS SUBGRADE SHALL CONSIST OF THE INSTALLATION

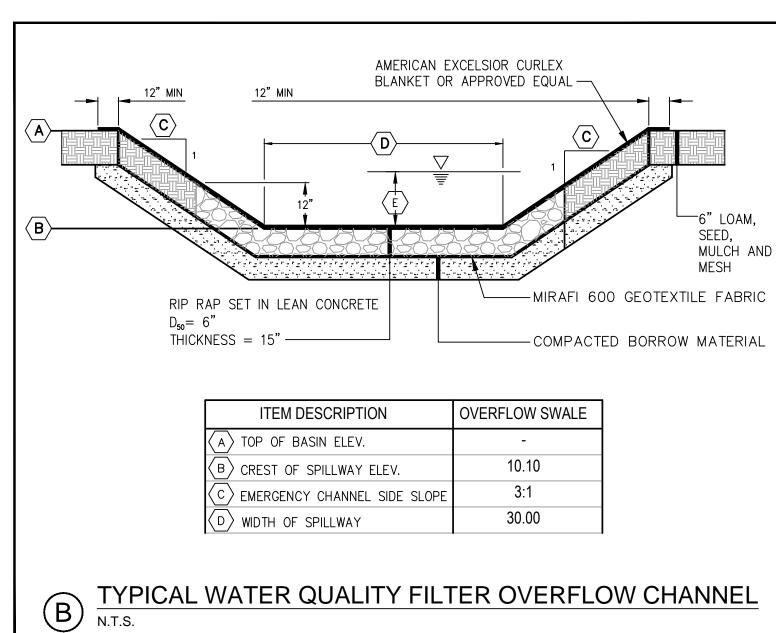
FOUR DIRTBAG 55'S AS PART OF THE BASE BID. A UNIT PRICE SHALL BE PROVIDED FOR ADDITIONAL DIRTBAGS.

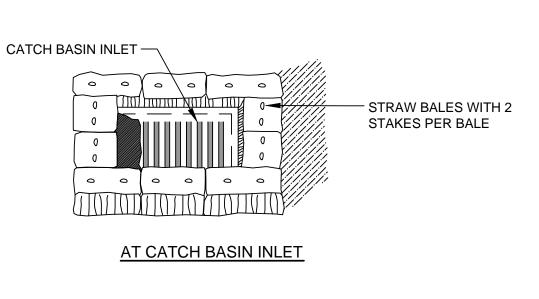
AT ALL TIMES THERE MUST BE AN UNUSED DIRTBAG AVAILABLE FOR EMERGENCY USE.

REQUIREMENTS FOR DIRTBAGS

**CONSTRUCTION DEWATERING OPERATIONS:** 

IS OBSERVED.





CONSTRUCTION SPECIFICATIONS

BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW OR HAY BALE BARRIER

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES. 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4". 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN

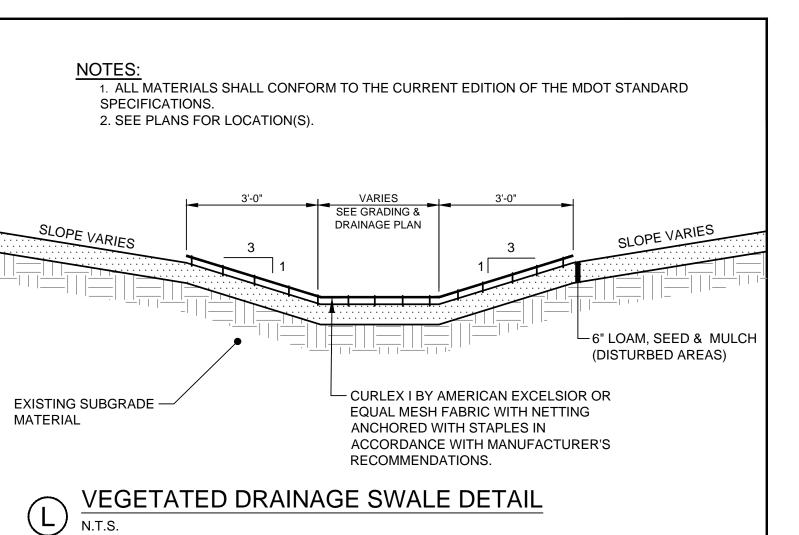
- THROUGH THE BALES. THE FIRST STAKE IN EACH BALE WAS ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- 4. INSPECTION WILL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MAKE PROMPTLY AS NEEDED.
- 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO

HALF OF SILT FENCE HEIGHT). SHALL BE REMOVED ONLY WHEN DIRECTED BY VILLAGE ENGINEERING.

H  $\frac{IEIV}{N.T.S.}$ 

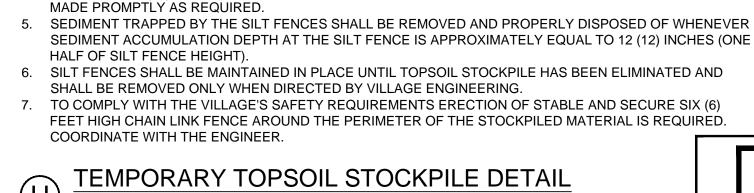
SEE DETAIL C-6.3

BLANKET OR SEEDED TO MINIMIZE EROSION.



STEPHEN R. BUSHEY MO. 17429 M. CENSED .... 06.15.15 PRELIMINARY PHASE III AMENDED SITE PLAN TO CITY OF PORTLAND REV DATE DESCRIPTION P.E. STEPHEN BUSHEY REVISIONS LIC. # 7429

CANAL LANDING FAY, SPOFFORD & THORNDIKE AMENDED SITE PLAN PHASE II ENGINEERS · PLANNERS · SCIENTISTS 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106 **EROSION AND SEDIMENT** DRAWN: LA DATE: APRIL 2015 **CONTROL DETAILS** ESIGNED: SRB SCALE: AS SHOWN CHECKED: SRB JOB NO. 3091.04 LIENT CANAL LANDING LLC 3091-DET-EROS FILE NAME: 100 WEST COMMERCIAL STREET C-6.2 SHEET PORTLAND, ME 04101



-TOPSOIL STOCKPILE?

 $^{ imes}$  ORIGINAL GROUND SURFACE  $^{ imes}$ 

3. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH STRAW

AN ON-SITE DRAINAGE SWALE SHALL BE LOCATED BETWEEN THE TOPSOIL STOCKPILE AND OFF-SITE

REFERENCE IS MADE TO THE SILT FENCE DETAIL (SEE DETAIL 'B') FOR MATERIALS AND INSTALLATION

4. INSPECTION OF SILT FENCES SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS

OF HALF INCH (1/2") PER DAY OR EQUAL SNOW MELT. REPAIR OR REPLACEMENT OF SILT FENCE SHALL BE