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FINAL APPROVAL BY DURHAM PLANNING BOARD
CERTIFIED BY MICHAEL BEHRENDT, TOWN PLANNER

MICHAEL BEHRENDT DATE

PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION

APPLICANT/OWNER:
ORION UNH LLC
225 FRANKLIN STREET, 26TH FLOOR
BOSTON, MA 02110

PROJECT:
ORION
STUDENT HOUSING
25/35 MAIN STREET
DURHAM, NEW HAMPSHIRE

PROJECT NO. 192501 DATE: 06-09-14

SCALE: 1" = 20' DWG. NAME: SWPPP

DRAFTED BY: SM CHECKED BY: RRC

THAWMED BY:



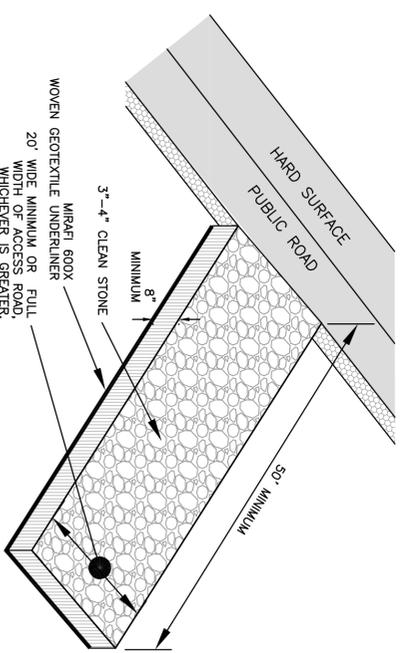
ALLEN & MAJOR ASSOCIATES, INC.
civil & structural engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com

250 COMMERCIAL STREET
MANCHESTER, NH 03101
TEL: (603) 627-5800
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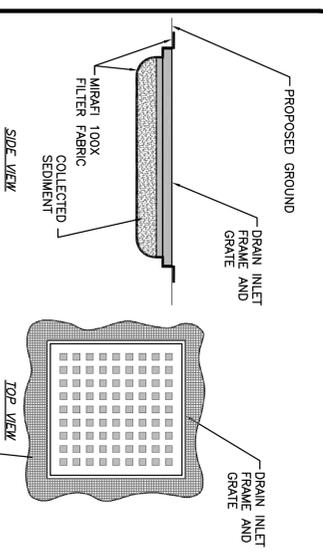
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DRAWING TITLE: STORMWATER POLLUTION PREVENTION DETAILS SHEET NO. 3

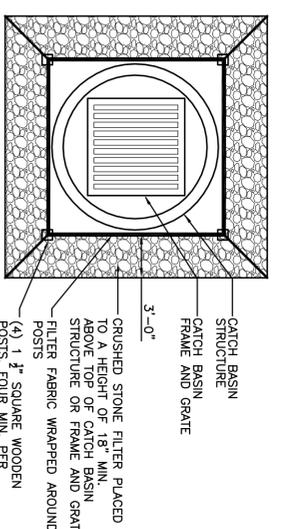


CONSTRUCTION ENTRANCE
NOT TO SCALE



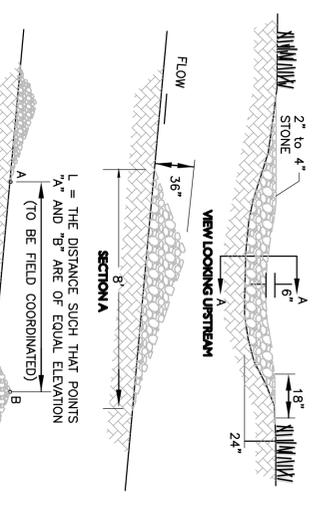
NOTE:
1. FILTER FABRIC SHALL BE SECURELY IN PLACE UNDERNEATH GRATE.
2. FREQUENT INSPECTIONS SHALL BE CONDUCTED AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY IF NECESSARY.

TYPICAL SILT SACK DETAIL
NOT TO SCALE



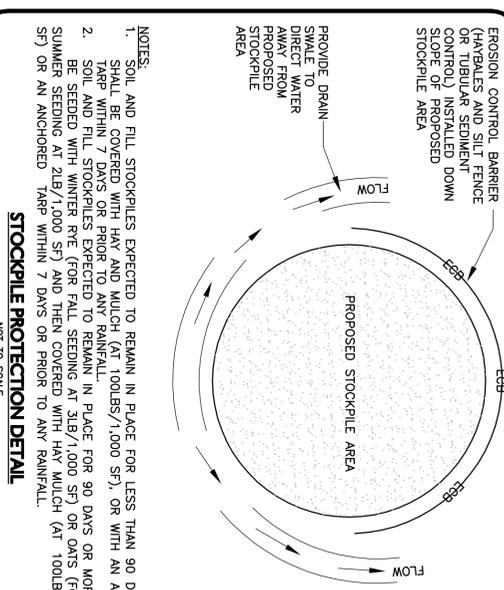
NOTES:
1. INSPECT WEEKLY OR AFTER EACH 1/4" OF RAINFALL AND REPAIR OR REPLACE OR AS DIRECTED. FILTER FABRIC SHALL BE MADE PROMPTLY IF DAMAGED OR AS DIRECTED.
2. FREQUENT INSPECTIONS SHALL BE CONDUCTED AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY IF NECESSARY.
3. CONTRACTOR SHALL REMOVE SEDIMENT ACCUMULATION ONCE IT REACHES A DEPTH OF 6" MAX.

CRUSHED STONE CATCH BASIN INLET PROTECTION
NOT TO SCALE



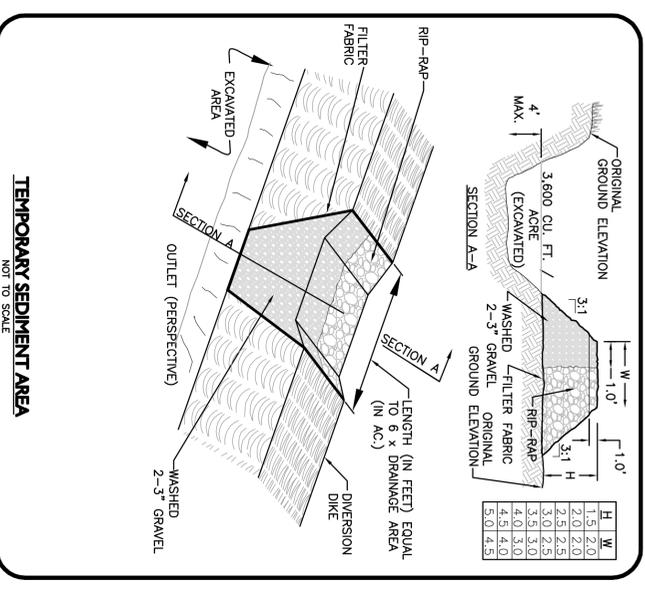
NOTE:
1. STONE CHECK DAM TO BE USED IF DRAINAGE AREA IS GREATER THAN 1/4 ACRE. LOCATIONS TO BE AS SHOWN ON THE PLANS AND FIELD COORDINATED.
2. KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT FLOW AROUND THE DAM.
3. CONTRACTOR TO INSPECT CHECK DAMS AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL EVENTS. CONTRACTOR TO REPAIR AND REPLACE THE STONE AS NECESSARY.

STONE CHECK DAM DETAIL
NOT TO SCALE

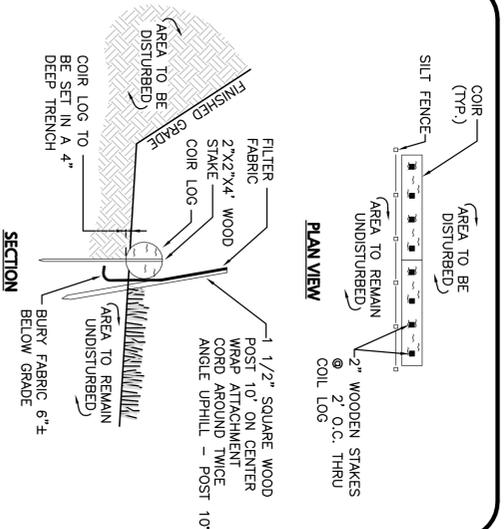


NOTES:
1. SOIL AND FILL STOCKPILES EXPECTED TO REMAIN IN PLACE FOR LESS THAN 90 DAYS SHALL BE COVERED WITH HAY AND MULCH (AT 100LBS/1,000 SF), OR WITH AN ANCHORED TARP WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
2. SOIL AND FILL STOCKPILES EXPECTED TO REMAIN IN PLACE FOR 90 DAYS OR MORE SHALL BE COVERED WITH 2\"/>

STOCKPILE PROTECTION DETAIL
NOT TO SCALE

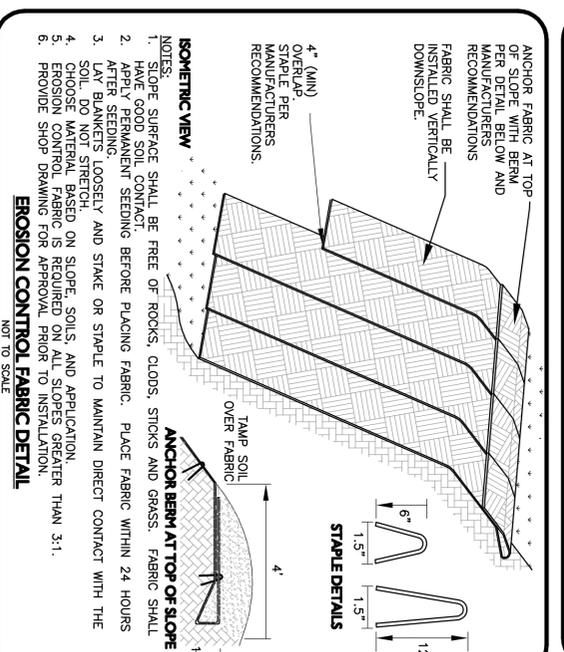


TEMPORARY SEDIMENT AREA
NOT TO SCALE



NOTE:
TO BE 2' UNLESS POST IS TO BE SET IN PEAT THEN 3' OR DEPTH POSSIBLE BY PUSHING BY HAND SHALL BE REQUIRED.

SILT FENCE AND COIR LOG DETAIL
NOT TO SCALE



NOTES:
1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLOUDS, STICKS AND GRASS. FABRIC SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING FABRIC. PLACE FABRIC WITHIN 24 HOURS.
3. LAY BASKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
4. CHOOSE MATERIAL BASED ON SLOPE, SOILS, AND APPLICATION.
5. EROSION CONTROL FABRIC IS REQUIRED ON ALL SLOPES GREATER THAN 3:1.
6. PROVIDE SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION.

EROSION CONTROL FABRIC DETAIL
NOT TO SCALE