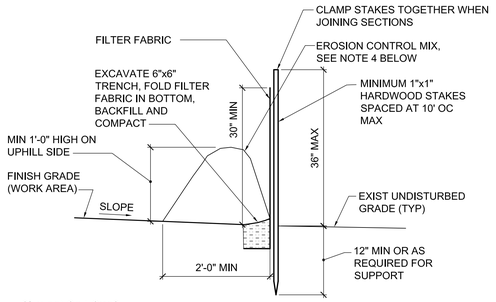


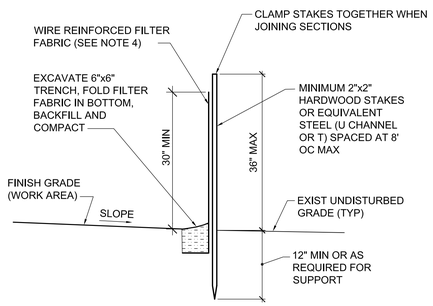

SILT FENCE NOTES:

1. REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS EXCEED 6" IN DEPTH.
2. INSPECT SILT FENCES AFTER EACH RAINFALL AND ALL NECESSARY REPAIRS/REPLACEMENT MADE IMMEDIATELY.
3. REMOVE SILT FENCES AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH DISTURBED AREAS.
4. EROSION CONTROL MIX MAY BE USED IN LIEU OF SILT FENCE AT LOCATIONS APPROVED BY ARCHITECT OR TO SUPPLEMENT EROSION CONTROL MEASURES ADJACENT TO WOODED AREAS AND WETLANDS. PROVIDE TREE PROTECTION FENCE AT EDGE OF CLEARING IF EROSION CONTROL MIX IS USED INSTEAD OF SILT FENCE.

## 1 TYP SILT FENCE DETAIL

C-502 — NOT TO SCALE

CD101,CD102,CD103, CG101,CG102,C-502



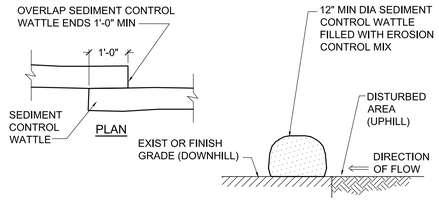

SILT FENCE NOTES:

1. REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS EXCEED 6" IN DEPTH.
2. INSPECT SILT FENCES AFTER EACH RAINFALL AND ALL NECESSARY REPAIRS/REPLACEMENT MADE IMMEDIATELY.
3. REMOVE SILT FENCES AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH DISTURBED AREAS.
4. REINFORCING MESH SHALL HAVE 6" MAX OPENING AND BE EITHER INDUSTRIAL POLYPROPYLENE OR STEEL MESH (14 GAUGE MIN).

## 2 REINFORCED SILT FENCE DETAIL

C-502 — NOT TO SCALE

CD101,CD102,CD103, CG101,CG102



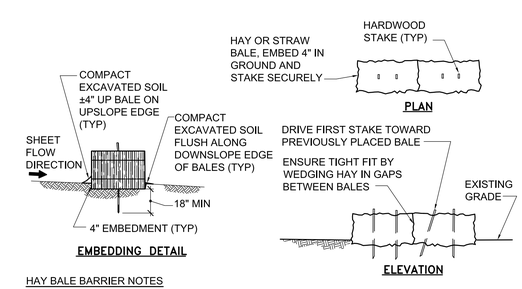

SEDIMENT CONTROL WATTLE NOTES:

1. MANUFACTURE SEDIMENT CONTROL WATTLES FOR THE PURPOSE OF TEMPORARY SEDIMENT CONTROL AND INSTALL ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.
2. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE THIRD THE WATTLE HEIGHT.
3. SEDIMENT CONTROL WATTLES SHALL REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
4. SECURE SEDIMENT CONTROL WATTLES IN PLACE TO PREVENT MOVEMENT AND UNDERMINING OF WATTLE.
5. EROSION CONTROL MIX SHALL CONSIST OF AT LEAST 80% WELL GRADED ORGANIC MATERIAL INCLUDING SHREDDED OR COMPOSTED BARK OR STUMP GRINDINGS. EROSION CONTROL MIX SHALL CONFORM TO MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION STANDARDS.

## 3 TYP SEDIMENT CONTROL WATTLE DETAIL

C-502 — NOT TO SCALE

CD101,CD102,CD103, CG101,CG102,C-502

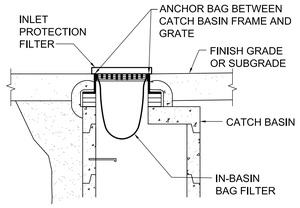



HAY BALE BARRIER NOTES

1. INSTALL HAY BALE BARRIERS FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE, WITH THE ENDS FLARED UPSLOPE.
2. INSPECT HAY BALE BARRIERS IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. MAKE ALL NECESSARY REPAIRS/REPLACEMENTS IMMEDIATELY.
3. REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS EXCEED ONE QUARTER THE HEIGHT OF THE BARRIER.
4. REMOVE HAY BALE BARRIERS AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED UPSLOPE. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH AREA DISTURBED FROM BARRIER REMOVAL.

## 4 TYP HAY BALE BARRIER DETAIL

C-501 — C-502 — NOT TO SCALE



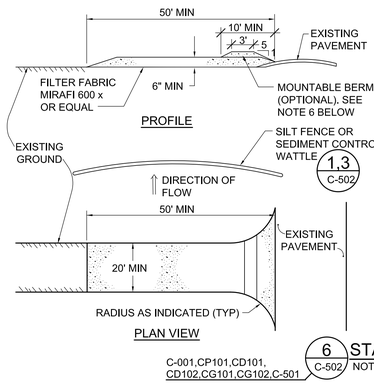

INLET PROTECTION NOTES:

1. IN-BASIN BAG FILTERS SHALL BE "SILT-CATCH" BY DGI INDUSTRIES OR APPROVED EQUAL. INSTALL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. INLET PROTECTION FILTER SHALL BE "SEDIGUARD" BY EARTH SUPPORT SYSTEMS OR APPROVED EQUAL. INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS.
3. PROVIDE INLET PROTECTION IN EXISTING OR NEWLY PAVED AREAS WITH NON-STABILIZED TRIBUTARY WATERSHEDS.
4. REMOVE ACCUMULATED SEDIMENTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

## 5 CATCH BASIN INLET PROTECTION DETAIL

C-502 — NOT TO SCALE

CD101,CD102,CG101,CG102



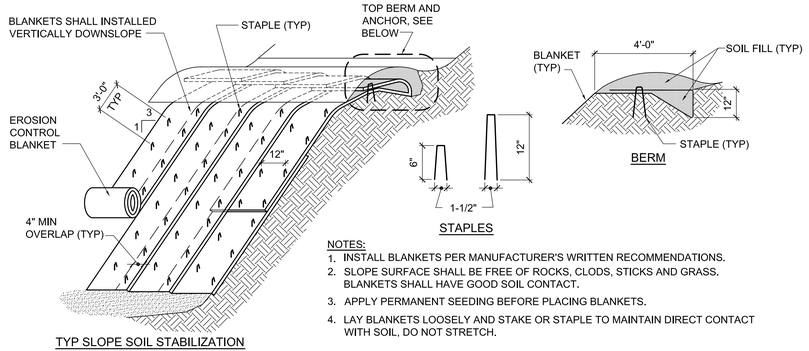

EXIT SPECIFICATIONS:

1. STONE FOR A STABILIZED CONSTRUCTION EXIT SHALL BE 2"-3" STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED EXIT SHALL NOT BE LESS THAN 50 FEET.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED EXIT SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE EXIT SHALL NOT BE LESS THAN THE FULL WIDTH OF THE EXIT WHERE INGRESS OR EGRESS OCCURS OR 20 FEET, WHICH EVER IS GREATER.
5. SEPARATION GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION EXIT SHALL BE PIPED BENEATH THE EXIT. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO EXISTING PAVEMENT. 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, WASHED, OR TRACKED ONTO EXISTING PAVEMENT MUST BE REMOVED PROMPTLY.
8. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO EXIT ONTO EXISTING PAVEMENT. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH 2"-3" CRUSHED STONE. WASH WATER SHALL BE COLLECTED AND DIRECTED TO A SEDIMENT TRAPPING DEVICE SYSTEM.

## 6 STABILIZED CONSTRUCTION EXIT DETAIL

C-502 — NOT TO SCALE

C-001,CP101,CD101, CD102,CG101,CG102,C-501



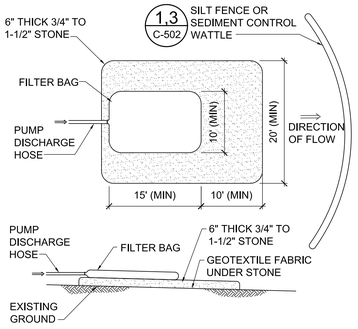

NOTES:

1. INSTALL BLANKETS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. BLANKETS SHALL HAVE GOOD SOIL CONTACT.
3. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
4. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL, DO NOT STRETCH.

## 7 EROSION CONTROL BLANKET DETAIL

C-502 — NOT TO SCALE

CG101,CG102



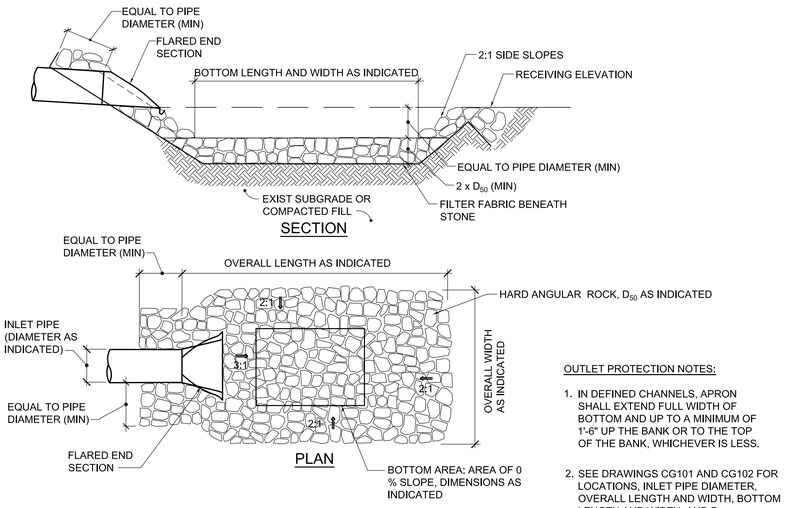

SEDIMENT FILTER NOTES:

1. DO NOT USE DEWATERING FILTER FOR REMOVING SEDIMENT FROM CLAY OR SILT-LADEN WATER UNLESS APPROVED IN WRITING AS PART OF THE APPROVED DEWATERING PLAN.
2. LOCATE DEWATERING SEDIMENT FILTERS A MINIMUM OF 100 FEET FROM ANY WATER BODY OR NATURAL RESOURCE AREA. DEWATERING SEDIMENT FILTERS SHALL BE A NON-WOVEN GEOTEXTILE FABRIC WITH THE FOLLOWING MINIMUM PROPERTIES:
   a. WEIGHT IN ACCORDANCE WITH ASTM D3776: 8 OZ/YARD
   b. GRAB TENSILE STRENGTH IN ACCORDANCE WITH ASTM D4632: 203 LBS
   c. PUNCTURE RESISTANCE IN ACCORDANCE WITH ASTM D4833: 130 LBS
   d. MULLEN BURST STRENGTH IN ACCORDANCE WITH ASTM D3786: 400 PSI
   e. FLOW RATE IN ACCORDANCE WITH ASTM D4491: 80 GAL/MIN/SF
3. INSTALL, OPERATE AND REMOVE DEWATERING SEDIMENT FILTERS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PRINTED INSTRUCTIONS.

## 8 DEWATERING SEDIMENT FILTER DETAIL

C-502 — NOT TO SCALE

C-501




OUTLET PROTECTION NOTES:

1. IN DEFINED CHANNELS, APRON SHALL EXTEND FULL WIDTH OF BOTTOM AND UP TO A MINIMUM OF 1'-6" UP THE BANK OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
2. SEE DRAWINGS CG101 AND CG102 FOR LOCATIONS. INLET PIPE DIAMETER, OVERALL LENGTH AND WIDTH, BOTTOM LENGTH AND WIDTH, AND $D_{50}$.

## 9 TYP PIPE OUTLET PROTECTION DETAIL

C-502 — NOT TO SCALE

CS102,CS103,CU103,CG101,CG102

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | REVISIONS | |

DRAWN BY: JSD
CHECKED BY: JLG
NO.
DATE: 03/17/17

STATE OF MAINE — JONAH DeWATERS No 12273 — LICENSED PROFESSIONAL ENGINEER — 3/17/17

STATE OF MAINE
PUBLIC SCHOOL PROJECT

TITLE: PORTLAND PUBLIC SCHOOLS
NEW FRED P. HALL ELEMENTARY SCHOOL
LOCATION: 23 ORONO ROAD, PORTLAND, ME

TITLE THIS DWG.
EROSION AND SEDIMENTATION CONTROL DETAILS

OAK POINT ASSOCIATES
ARCHITECTURE • ENGINEERING • PLANNING
231 Main Street, Biddeford, Maine 04005 207.283.0193

DRAWING NO. C-502
SHEET NO. 47 OF 312

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