

CIVIL NOTES:

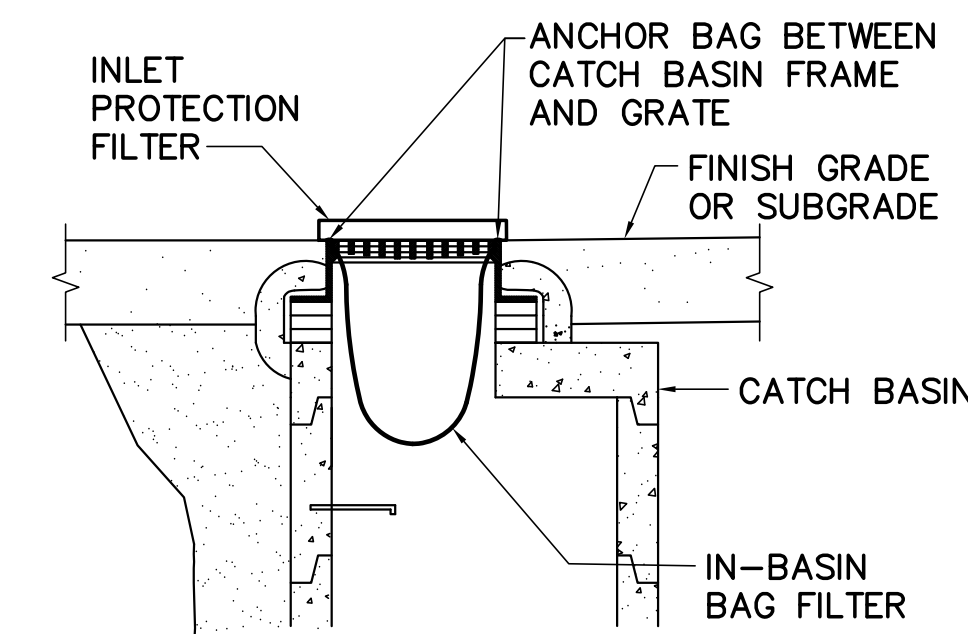
- SEE SHEET G-002 FOR ABBREVIATIONS.
- EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY AND ARE BASED ON FIELD RECONNAISSANCE AND PLAN REFERENCES. PRIOR TO COMMENCING EXCAVATION OPERATIONS ON THE SITE, DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES IN THE WORK UTILIZING A PRIVATE UTILITY LOCATING SERVICE, CONTACT "OK TO DIG" AT 1-866-658-6344, AND CONTACT "DIGSAFE" AT 1-888-344-7233 TO OBTAIN A "DIGSAFE" PERMIT. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND THE EXACT UTILITY LOCATIONS TO THE OWNER PRIOR TO DISTURBING AREAS SURROUNDING THE UNDERGROUND UTILITIES.
- INFORMATION SHOWN HEREON IS BASED ON THE FOLLOWING:
 - TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY LOCATION PLAN PROVIDED BY SITE DESIGN ASSOCIATES, INC, 23 WHITNEY WAY, TOPSHAM, ME IN MARCH, 2016
 - CAMPUS MAPS PROVIDED BY THE UNIVERSITY OF NEW ENGLAND IN DECEMBER, 2015
 - SITE RECONNAISSANCE PERFORMED BY OAK POINT ASSOCIATES IN WINTER, 2015 AND SPRING 2016.
 - FINISH FLOOR MEASUREMENTS PERFORMED BY OAK POINT ASSOCIATES IN FEBRUARY AND APRIL, 2016
 - WATER SERVICE INFORMATION PROVIDED BY PORTLAND WATER DISTRICT IN DECEMBER, 2015 AND FEBRUARY 2016.
- THE FOLLOWING PLAN REFERENCES
 - "ADDITIONS AND ALTERATIONS TO BUILDING AT 770 STEVENS AVENUE, NEW ARMORY", BY THE OFFICE OF JOHN P. THOMAS ARCHITECTS, PORTLAND, MAINE. DATED DECEMBER 31, 1940
 - "REBUILDING ARMORY, STEVENS AVE, PORTLAND, ME", BY JOHN HOWARD STEVENS, PORTLAND, MAINE. DATE UNKNOWN
 - "VEHICLE STORAGE, DEPARTMENT OF ADJ. GEN., STEVENS AVE, PORTLAND, ME". DATED DECEMBER 18, 1947 (AUTHOR UNKNOWN).
 - "COLLEGE CENTER AND DORMITORY BUILDING, WESTBROOK JUNIOR COLLEGE, PORTLAND MAINE", BY WADSWORTH AND BOSTON, PORTLAND, MAINE. DATED MARCH 12, 1962.
 - "LATRINE AND LOCKER ROOM ADDITION, STEVENS AVE. ARMORY, PORTLAND" BY BOOTHBAY ENGINEERING SERVICES, INC, BOOTHBAY HARBOR, MAINE. DATED JANUARY 29, 1976, LAST REVISED MAY 5, 1976.
 - "ELECTRICAL SERVICE REVISION, MAINE NATIONAL GUARD ARMORY, STEVENS AVE, PORTLAND" BY VERNON T. SWAIN CONSULTING ENGINEER, AUGUSTA, MAINE. DATED MAY 16, 1977.
 - "PROPOSED WASH PAD, O.M.S #1, STEVENS AVE. PORTLAND", DATED AUGUST, 1977 (AUTHOR UNKNOWN).
 - "WESTBROOK COLLEGE, UNDERGROUND STEAM: MCDUGALL HALL TO ALEXANDER HALL", BY FELS COMPANY ENGINEERS, PORTLAND, MAINE. DATED DECEMBER 28, 1981.
 - "MAINE NATIONAL GUARD ORGANIZATIONAL MAINTENANCE SHOP #1 SPILL CONTAINMENT", BY HARRIMAN ASSOCIATES, AUBURN, MAINE. DATED AUGUST 19, 1993.
 - "FMS #1 HEATING SYSTEM UPGRADE", BY CORD/JIA CAPITAL PROJECTS GROUP, CAMDEN, MAINE. DATED NOVEMBER 4, 2011
- THE PROJECT BENCHMARK IS THE FRONT BOLT OF THE TOP FLANGE OF A FIRE HYDRANT LOCATED ON THE EAST SIDE OF STEVENS AVENUE (PORTLAND WATER DISTRICT HYDRANT HYD-01292). ELEVATION: 129.57' (DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929).
- RESTORE, REPAIR OR REPLACE SURFACES, SITE FEATURES AND LANDSCAPING THAT ARE DAMAGED BY CONSTRUCTION/CONTRACTOR OPERATIONS TO THEIR ORIGINAL CONDITION, AS APPROVED BY THE OWNER, AT NO ADDITIONAL COST TO THE OWNER.
- DO NOT DIRECT VEHICLE OR EQUIPMENT EXHAUST TOWARDS THE BUILDINGS OR TREE PROTECTION AREAS.
- HAND EXCAVATE WITHIN DRIPLINE OF TREES AND WITHIN 3' OF EXISTING UNDERGROUND UTILITIES AND EXISTING FOUNDATION WALLS INDICATED TO REMAIN.
- DO NOT PLACE, PUT OR DUMP ANY CONSTRUCTION MATERIALS OR DEMOLITION DEBRIS IN AREAS THAT COULD ADVERSELY IMPACT THE SURROUNDING AREAS OR WASH INTO THE EXISTING SEWER/STORM DRAIN SYSTEM.
- COLLECT AND STORE ALL WASTE MATERIALS IN SECURELY LIDDED RECEPTACLES. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN A DUMPSTER. DO NOT BURY CONSTRUCTION WASTE MATERIALS ON SITE.
- STORE ALL MATERIALS KEPT ON SITE IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINER AND IF POSSIBLE UNDER A ROOF OR OTHER ENCLOSURE. STORE ONLY SUFFICIENT AMOUNTS OF MATERIALS TO COMPLETE THE JOB.
- DISPOSE OF SURPLUS MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND STATE AND FEDERAL CODES.
- MONITOR ALL CONSTRUCTION RELATED EQUIPMENT AND VEHICLES FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE LEAKAGE.
- DISCHARGE AND WASH OUT SURPLUS CONCRETE OR DRUM WASH WATER FROM CONCRETE TRUCKS IN A CONTAINED AREA ON SITE.

EROSION CONTROL NOTES:

- DURING CONSTRUCTION AND THEREAFTER, IMPLEMENT EROSION CONTROL MEASURES AS INDICATED AND SPECIFIED. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONTRACTORS," PUBLISHED BY BUREAU OF LAND AND WATER QUALITY AND MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, DATED MARCH 2015, OR MOST RECENT EDITION.
- PURSUANT TO THE MAINE EROSION AND SEDIMENTATION CONTROL LAW, PROVIDE AND MAINTAIN EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS, AND PROVIDE ADDITIONAL MEASURES AS NECESSARY AND APPLICABLE TO CONTROL EROSION AND SEDIMENTATION FROM THE PROJECT SITE.
- LIMIT AREAS OF EXPOSED SOILS TO THOSE AREAS THAT WILL ACTIVELY BE WORKED. TEMPORARILY STABILIZE ANY AREA OF DISTURBED SOIL THAT REMAINS UNWORKED FOR MORE THAN 14 DAYS USING TEMPORARY MULCHING (IF THE SOIL WILL BE PERMANENTLY STABILIZED WITHIN 30 DAYS) OR TEMPORARY SEEDING AND MULCHING (IF THE SOIL WILL NOT BE PERMANENTLY STABILIZED WITHIN 30 DAYS). PERMANENTLY STABILIZE ANY AREA OF DISTURBED SOIL BROUGHT TO FINAL GRADE WITHIN 7 DAYS. DISTURBED SOILS DO NOT INCLUDE COMPACTED STRUCTURAL FILLS USED FOR ROADS, PARKING LOTS, AND BUILDING FOUNDATIONS.
- PROVIDE INLET PROTECTION FOR EACH CATCH BASIN ON THE SAME DAY THAT BACKFILL IS PLACED AROUND THE CATCH BASIN.
- GROUNDWATER IS NOT ANTICIPATED TO BE ENCOUNTERED DURING EXCAVATION. HOWEVER, IF DEWATERING OF EXCAVATIONS ARE NECESSARY, UTILIZE BAG-TYPE DEWATERING FILTERS OR OTHER APPROVED METHODS. LOCATE DEWATERING SEDIMENT FILTERS AT LEAST 75' FROM ANY CATCH BASIN INLET.
- INSPECT DISTURBED AND IMPERVIOUS AREAS AND EROSION CONTROL MEASURES, AT LEAST ONCE A WEEK AND BEFORE AND AFTER EACH STORM EVENT GREATER THAN 0.5 INCH, PRIOR TO COMPLETION OF PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM (MPDES) STANDARDS SHALL CONDUCT THE INSPECTION. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY, IMPLEMENTATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES SHALL BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- PROTECT ALL STABILIZED AREAS FROM EROSION AND IMMEDIATELY REPAIR/REVEGETATE ERODED AREAS.
- MAINTAIN ALL EROSION CONTROL MEASURES FOR THE LIFE OF THE PROJECT AND UNTIL PERMANENT STABILIZATION OF THE ENTIRE SITE IS ESTABLISHED. PERMANENT STABILIZATION SHALL CONSIST OF AT LEAST 90-PERCENT VEGETATION, PAVEMENT, GRAVEL BASE, OR RIPRAP.
- PROVIDE PLANTING SOIL, SEED, FERTILIZER AND MULCH ON ALL DISTURBED AREAS NOT OTHERWISE SPECIFIED. PERMANENT SEEDING SHALL BE ACCOMPLISHED FROM APRIL 1 TO MAY 30 AND AUGUST 15 TO OCTOBER 30 UNLESS LATER DATES ARE APPROVED BY THE OWNER/ARCHITECT. WATER ALL VEGETATED AREAS AS NECESSARY TO ESTABLISH A VIGOROUS TURF.
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS AFTER THE TRIBUTARY AREA HAS BEEN PERMANENTLY STABILIZED. REMOVE ANY ACCUMULATED SEDIMENTS AND STABILIZE.

CIVIL LEGEND

	EXISTING GRADE SPOT ELEVATION		UNDERGROUND ELECTRIC/COMMUNICATIONS LINE(S)
	FINISHED GRADE SPOT ELEVATION		UNDERGROUND ELECTRIC LINE(S)
	EXISTING PROPERTY LINE		UNDERGROUND COMMUNICATIONS LINE(S)
	EXISTING BUILDING LINE		FOUNDATION DRAIN LINE
	BUILDING LINE		STORM DRAIN LINE(S)
	EXISTING ELEVATION CONTOUR LINE		UNDERGROUND STEAM/CONDENSATE LINES
	ELEVATION CONTOUR LINE		SEDIMENT CONTROL WATTLE
	REMOVALS (REMOVALS DRAWING ONLY)		EXISTING FLAG POLE
	EXISTING FENCE		EXISTING TRANSFORMER
	EXISTING OVERHEAD ELECTRIC/COMMUNICATIONS LINE		EXISTING BOLLARD
	EXISTING OVERHEAD ELECTRIC LINE		EXISTING LIGHT
	EXISTING OVERHEAD FIRE ALARM LINE		EXISTING UTILITY POLE
	EXISTING OVERHEAD UTILITY LINE		EXISTING GUY WIRE
	EXISTING SANITARY SEWER LINE		EXISTING FIRE HYDRANT
	EXISTING STORM DRAIN LINE		EXISTING STEAM MANHOLE
	EXISTING WATER LINE		EXISTING MANHOLE
	EXISTING WATER LINE (DOMESTIC/POTABLE)		EXISTING SEWER MANHOLE
	EXISTING WATER LINE (FIRE PROTECTION)		EXISTING CATCH BASIN
	EXISTING UNDERGROUND GAS LINE		EXISTING TREE/SHRUB
	EXISTING UNDERGROUND STEAM/CONDENSATE LINES		POINT OF CONNECTION TO EXISTING UTILITY
	EXISTING UNDERGROUND FUEL OIL LINE		DRAINAGE FLOW
	EXISTING UNDERGROUND ELECTRIC LINE(S)		HANDHOLE
	EXISTING UNDERGROUND COMMUNICATIONS LINE(S)		PLUG OR CAP

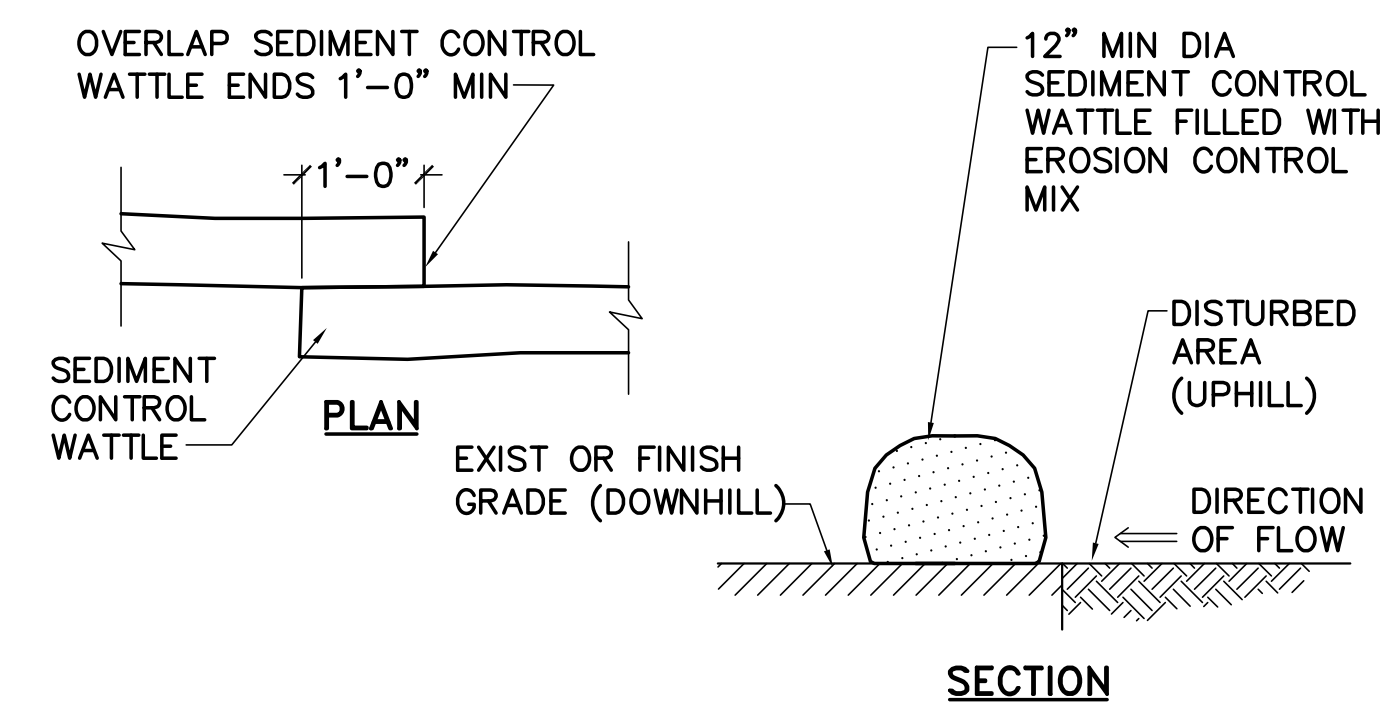


INLET PROTECTION NOTES:

- IN-BASIN BAG FILTERS SHALL BE "SILT-CATCH" BY DGI INDUSTRIES OR APPROVED EQUAL. INSTALL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- INLET PROTECTION FILTER SHALL BE "SEDIGUARD" BY EARTH SUPPORT SYSTEMS OR APPROVED EQUAL. INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- PROVIDE INLET PROTECTION IN EXISTING OR NEWLY PAVED AREAS WITH NON-STABILIZED TRIBUTARY WATERSHEDS.
- REMOVE ACCUMULATED SEDIMENTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- REMOVE WITHIN 30 DAYS OF FINAL STABILIZATION OF TRIBUTARY AREA.

1 CATCH BASIN INLET PROTECTION DETAIL

CS103 C-007 NOT TO SCALE

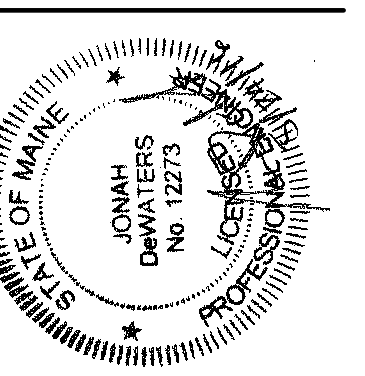


SEDIMENT CONTROL WATTLE NOTES:

- MANUFACTURE SEDIMENT CONTROL WATTLES FOR THE PURPOSE OF TEMPORARY SEDIMENT CONTROL AND INSTALL ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE THIRD THE WATTLE HEIGHT.
- SEDIMENT CONTROL WATTLES SHALL REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
- SECURE SEDIMENT CONTROL WATTLES IN PLACE TO PREVENT MOVEMENT AND UNDERMINING OF WATTLE.
- 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.
- REMOVE WITHIN 30 DAYS OF FINAL STABILIZATION OF TRIBUTARY AREA.

2 TYP SEDIMENT CONTROL WATTLE DETAIL

CS101,CS102,CS103 C-007 NOT TO SCALE



DESIGNED BY: JSD
 DRAWN BY: JSD
 CHECKED BY: JLG
 PROJECT: 21502.10

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RENOVATIONS TO THE
 STEVENS AVENUE ARMORY

CIVIL NOTES,
 LEGEND
 AND EROSION
 CONTROL
 DETAILS

SCALE: AS NOTED
 DATE: 05-24-16

DWG. **C-001**

SHEET: 6 OF 169