

EROSION CONTROL NOTES

GENERAL:

THE DRAWINGS DEPICT THE REQUIRED SOIL EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN SUCH A MANNER THAT:

- SOIL EROSION IS KEPT TO A MINIMUM.
- NO SEDIMENT LEAVES THE CONSTRUCTION SITE PROPER.
- ALL POSSIBLE MEASURES ARE EMPLOYED TO PREVENT SEDIMENT FROM ENTERING DRAINAGE COURSES AND WETLANDS EVEN BEYOND THE DETAILS SHOWN ON THIS PLAN IF NECESSARY.

- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL BMPs PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM EROSION OR SEDIMENTATION FROM THE SITE TO SURROUNDING PROPERTIES, WATERBODIES, OR WETLAND AS A RESULT OF THIS PROJECT.
- LOAM AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER DISTURBANCE, BUT NO LONGER THAN 1 DAY. LOAM AND SEED ANY DISTURBED AREA WITHIN 75' OF WETLANDS OR WATERBODIES WITHIN 48 HOURS OR PRIOR TO AND STORM EVENT. USE WINTER SEED RATES AND SPECIFICATIONS IF APPROPRIATE.
- INSPECT SOIL EROSION MEASURES WEEKLY AND AFTER SIGNIFICANT STORM EVENTS. MAKE ALL NECESSARY REPAIRS TO FACILITIES AS SOON AS POSSIBLE, BUT NO LONGER THAN 2 DAYS. CLEAN AND RESET SILT FENCES AND STONE CHECK DAMS WHICH ACCUMULATE SEDIMENT AND DEBRIS.
- PROTECT AND STABILIZE ALL AREAS NOT SCHEDULED FOR EROSION PREVENTION OR STABILIZATION BUT THAT SHOW SIGNS OF EROSION. NOTIFY OWNER OF ANY SIGNIFICANT EROSION PROBLEM.
- TEMPORARILY SEED WITHIN 1 DAYS ANY AREA WHICH WILL BE LEFT DISTURBED AND UNWORKED FOR MORE THAN 14 DAYS WITH THE TEMPORARY SEED MIX LISTED BELOW. IF AREA IS WITHIN 75' OF A WETLAND OR WATERBODY, SEED WITHIN 48 HOURS. PERMANENTLY SEED ANY AREA WHICH CAN BE LOAMED AS SOON AS POSSIBLE WITH THE PERMANENT SEED MIX LISTED BELOW. DO NOT USE PERMANENT SEED MIX AFTER SEPTEMBER 15.
- FOLLOW SILT FENCE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR INSTALLATION OF SILT FENCE. SECURE ENTIRE BOTTOM OF FENCE EITHER BY BURYING BOTTOM OF FENCE IN A TRENCH OR BERMING WITH SOIL OR CHIPPED GRUBBINGS. REFER TO SILT FENCE DETAILS.
- PLACE AND GRADE LOAM IN A REASONABLY UNIFORM MANNER. WORK LINE AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEED BED IS PREPARED. REMOVE FROM SURFACE ALL STONES LARGER THAN 2" AND ALL OTHER UNSUITABLE MATERIAL. LIME AND FERTILIZER SHOULD BE MIXED INTO SOIL PRIOR TO ROLLING EXCEPT IF INCLUDED IN HYDROSEED MIXTURE. PERMANENT STABILIZATION OF REVEGETATED AREAS IS CONSIDERED AS 90% CATCH.
- ALL CATCH BASINS, NEW OR EXISTING, THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS MUST BE PROTECTED BY INSTALLING AND MAINTAINING SILT BAGS DURING CONSTRUCTION.

TOPSOIL:

- SUITABLE TOPSOIL SALVAGED FROM SITE OR SCREENED, LOOSE AND FRIABLE SANDY LOAM OR LOAM AS DEFINED BY THE USDA SOIL CONSERVATION SERVICE CLASSIFICATION SYSTEM, FREE FROM ADMIXTURE OF SUBSOIL, REFUSE, LARGE STONES, CLODS, ROOTS, WEEDS, RHIZOMES OR OTHER UNDESIRABLE FOREIGN MATTER AS DETERMINED BY THE INSPECTING AUTHORITY. CONTRACTOR SHALL SUBMIT REPORTS OF LOAM TEST RESULTS PERFORMED BY AN INDEPENDENT TESTING LABORATORY FOR TOPSOIL FROM DIFFERENT SOURCES PRIOR TO PLACING. THE COST OF TESTING SHALL BE INCIDENTAL TO THE COST OF TOPSOIL. TOPSOIL SHALL MEET THE FOLLOWING SPECIFICATIONS:
- MATERIAL

SAND - 0.08 IN. TO 0.002 IN. DIAMETER (% BY VOLUME) 45 - 75
 SILT - 0.002 IN. TO 0.00008 IN. DIAMETER (% BY VOLUME) ... 20 - 40
 CLAY - LESS THAN 0.00008 IN. DIAMETER (% BY VOLUME) ... 5 - 15

ORGANICS (SHALL MEET THE REQUIREMENTS OF MDOT STANDARD SPECIFICATION 111.03 FEAT HUMUS) (% BY VOLUME) . 10 - 20

NUTRIENTS:
 CALCIUM (CA) (% SATURATION) 60 - 80
 MAGNESIUM (MG) (% SATURATION) 10 - 25
 POTASSIUM (K) (% SATURATION) 21 - 30
 PHOSPHORUS (P) (POUNDS/ACRE) 10 - 40
 PH 6.0 - 6.5

PERMEABILITY (INCHES PER HOUR) 3 - 10

MAXIMUM STONE SIZE (INCHES) 3/4

SEEDING:

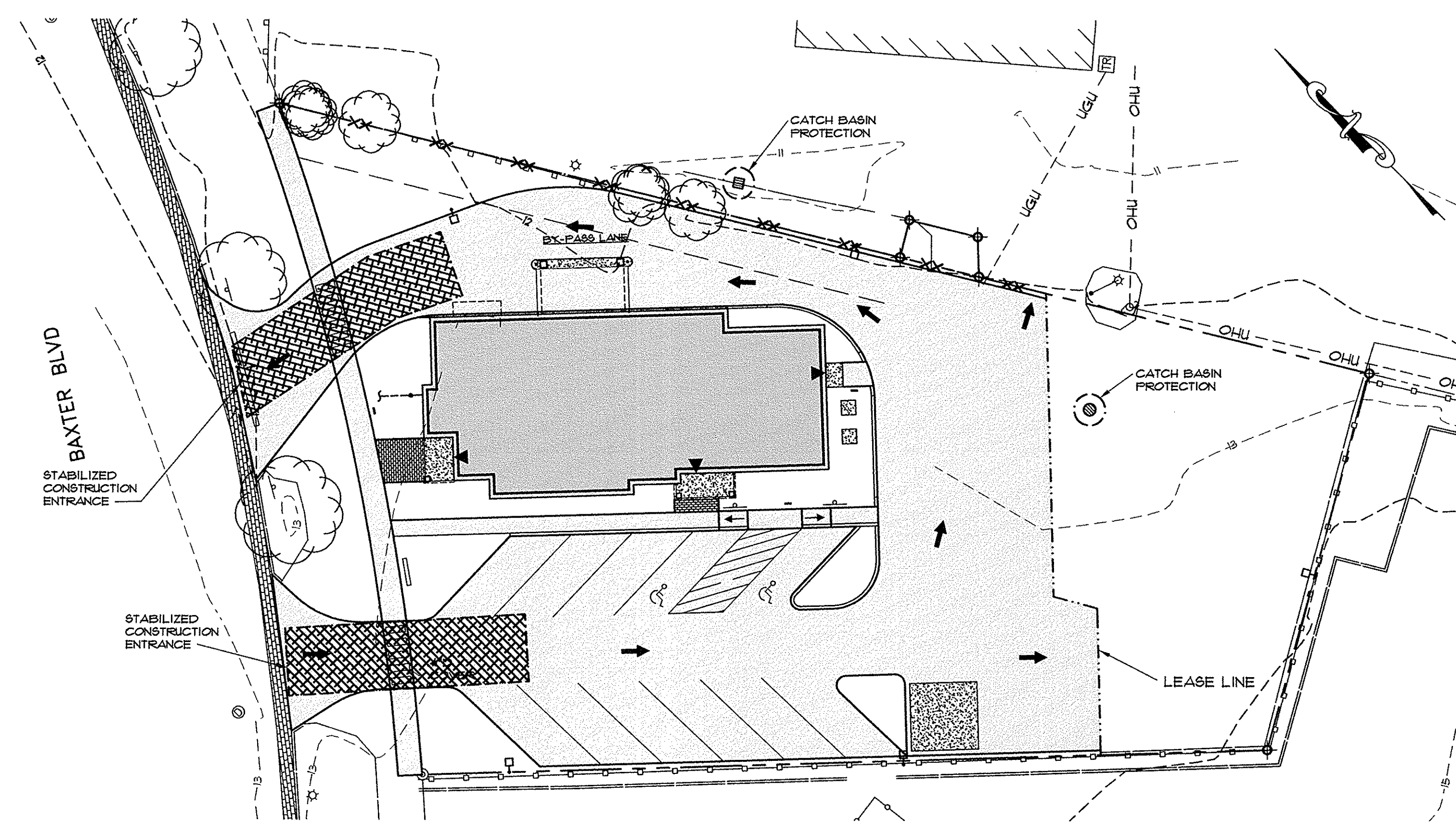
USE PERMANENT SEED MIXES AND RATES BETWEEN 5/15 AND 9/30. USE TEMPORARY SEED MIXES FOR PERIODS LESS THAN 12 MONTHS. IF USING TEMPORARY SEED MIXES AND RATES BETWEEN 10/1 AND 5/14, RE-SEED WITH PERMANENT SEED MIX AFTER 9/15.

PERMANENT SEED:

MDOT 111.03(a) METHOD NUMBER 1, PARK MIX

TEMPORARY SEED:

OATS 80.00 LBS/ACRE 4/01 - 5/14
 ANNUAL RYEGRASS 40.00 LBS/ACRE
 SUDANGRASS 40.00 LBS/ACRE 5/15 - 8/14
 ANNUAL RYEGRASS 80.00 LBS/ACRE 5/15 - 9/14
 WINTER RYE 112.00 LBS/ACRE 9/15 - 9/30
 WINTER RYE (W/ MULCH COVER) 112.00 LBS/ACRE 10/01 - 3/31

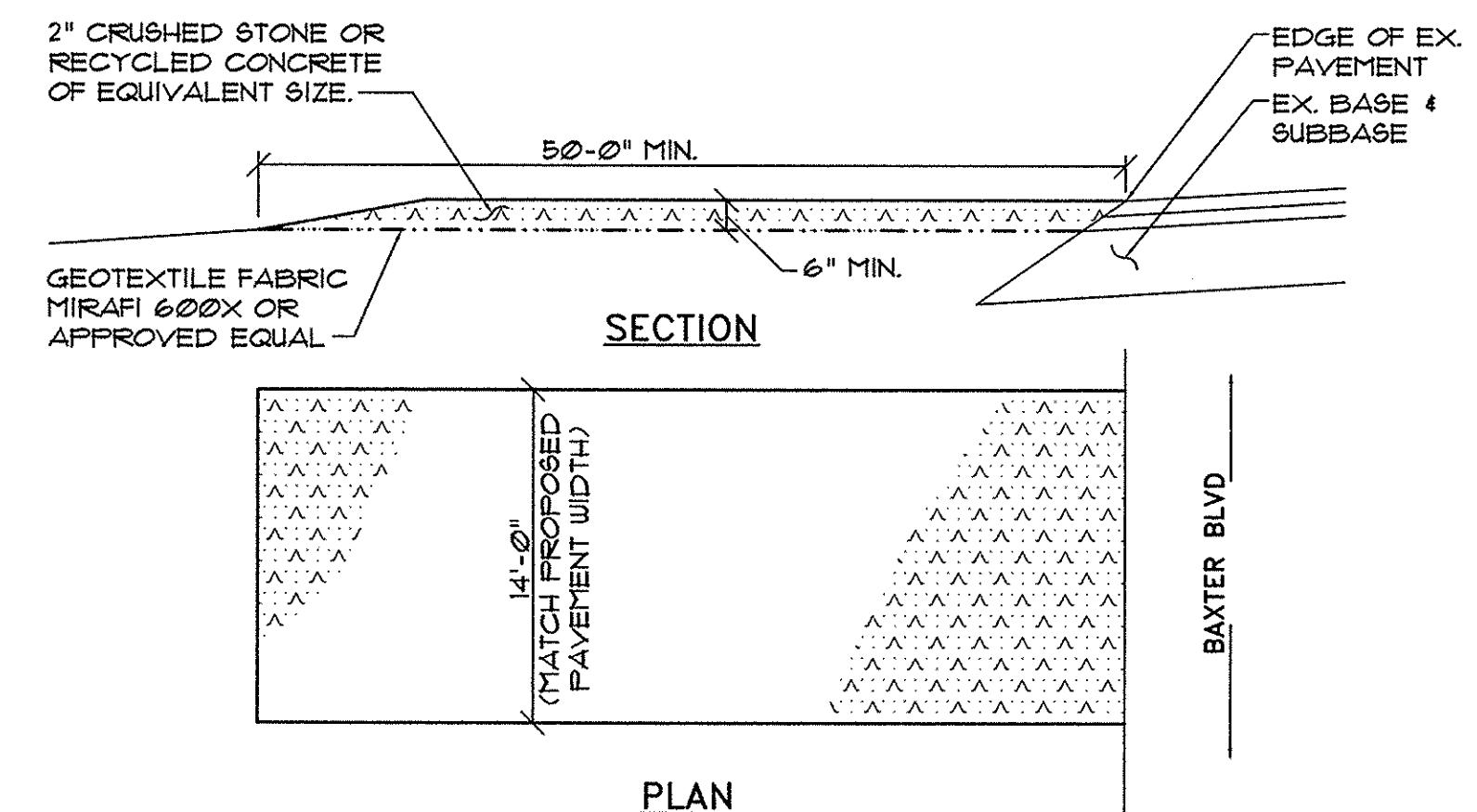
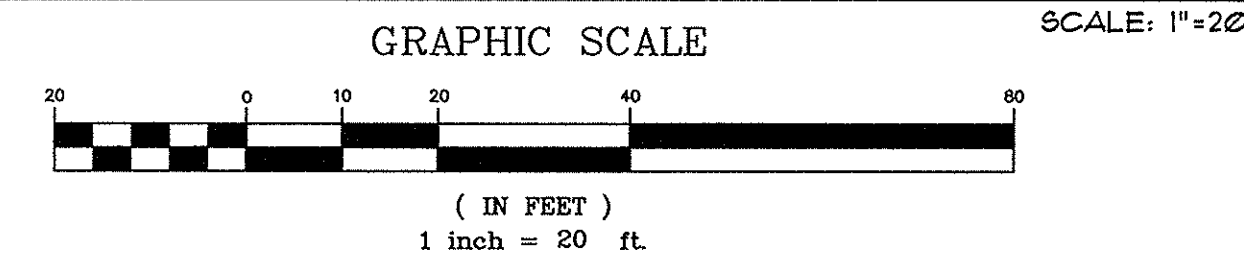


EROSION CONTROL PLAN

EROSION CONTROL LEGEND

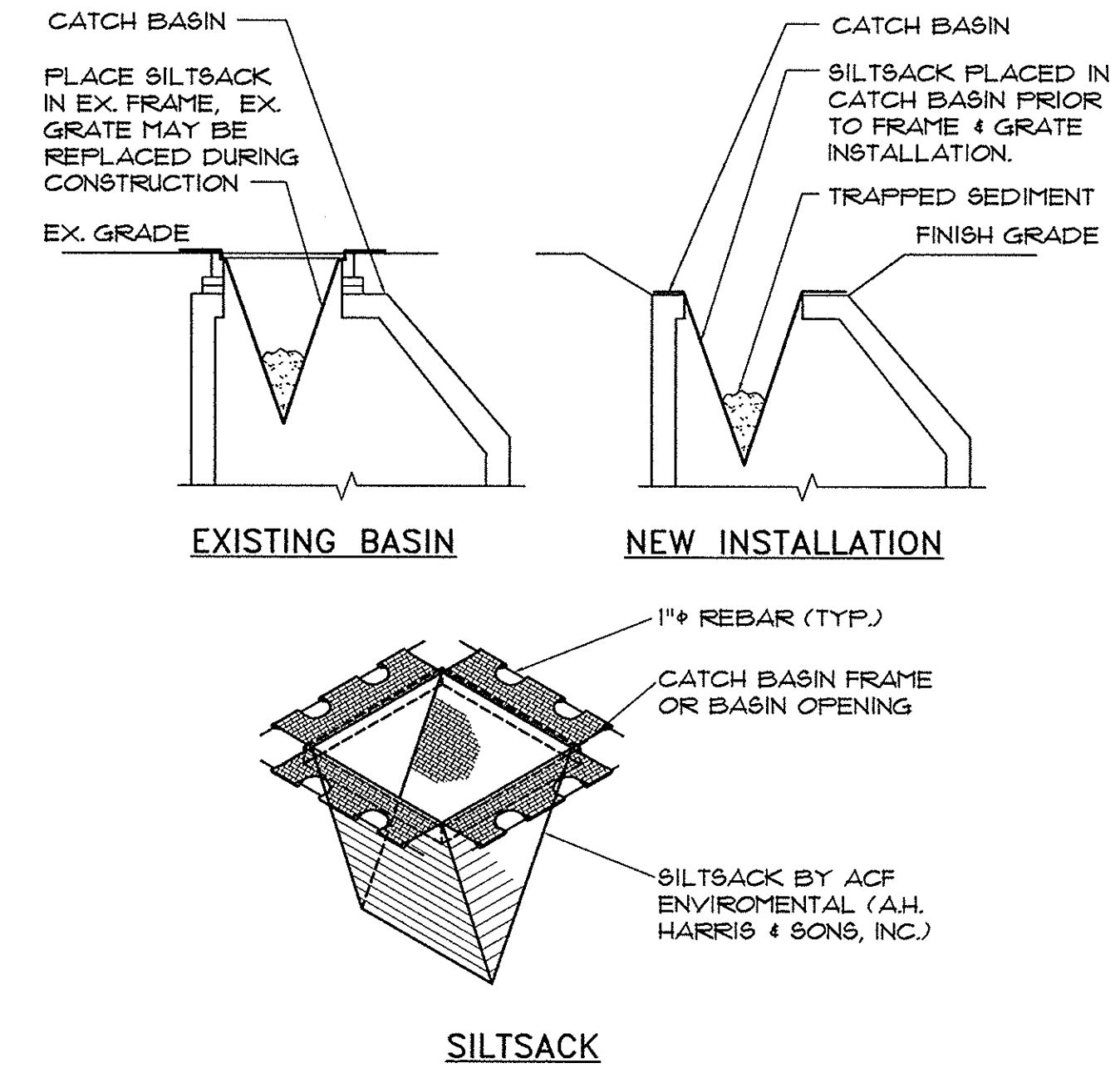
- CATCH BASIN PROTECTION WITH SILT SACK
- SILT FENCE
- STABILIZED ENTRANCE

SEE LEGEND ON C1.1

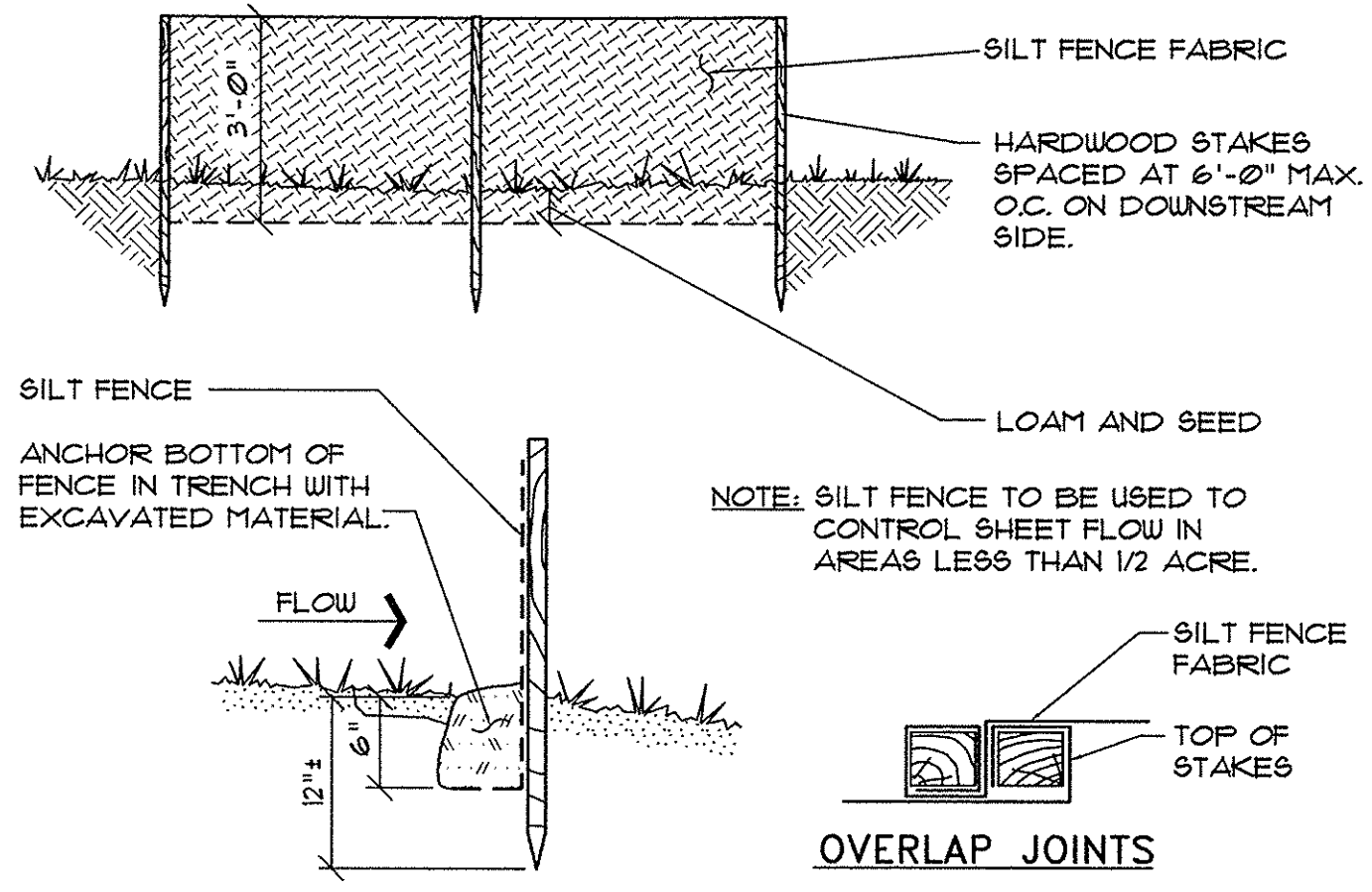


- NOTES:**
- MAINTAIN ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. IF WASHING IS REQUIRED PREVENT SEDIMENT FROM ENTERING WATERWAYS, DITCHES OR STORM DRAINS.
 - REMOVE STABILIZED CONSTRUCTION ENTRANCE TO FINISH ROAD CONSTRUCTION & PAVEMENT.

3 STABILIZED CONSTRUCTION ENTRANCE DETAIL
 NOT TO SCALE



2 CATCH BASIN PROTECTION
 NOT TO SCALE



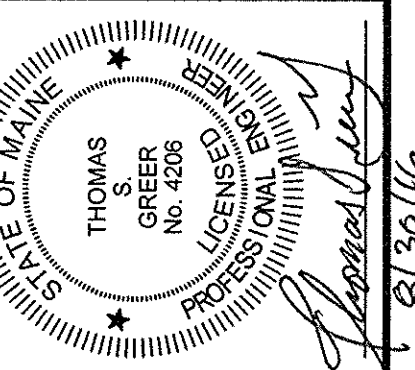
1 SILT FENCE DETAIL
 NOT TO SCALE

SUGGESTED SEQUENCE OF CONSTRUCTION TO CONTROL EROSION

THIS SEQUENCE OF CONSTRUCTION IS A GENERAL GUIDE TO THE CONTRACTOR. ACTUAL CONSTRUCTION PRACTICES WILL DICTATE VARIATIONS IN THE ORDER OF MAJOR EVENTS.

- INSTALL PERIMETER SILT FENCE.
- PROTECT EXISTING CATCH BASIN FROM SILTATION.
- CLEAR AND GRUB WORK AREAS. TEMPORARILY SEED AREAS NOT TO BE WORKED ON WITHIN 14 DAYS.
- STRIP AND REMOVE ON-SITE TOPSOIL.
- BEGIN DEMOLITION OF EXISTING BUILDING.
- BEGIN EARTHWORK FOR PARKING AREA, ACCESS DRIVE AND BUILDING FOUNDATION.
- BEGIN BUILDING CONSTRUCTION.
- ROUGH GRADE PAVED AREAS, AND SIDE SLOPES.
- FINE GRADE PAVED AREAS AND SIDE SLOPES.
- RESTORE ALL DISTURBED VEGETATED AREAS ON REMAINDER OF SITE.
- RESEED OR TEMPORARILY SEED ANY AREA WHICH WILL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS.
- COMPLETE FINE GRADING AND PAVING OF ROAD, WALKS AND PARKING AREAS.
- CLEAN STORMDRAIN SYSTEM OF CONSTRUCTION SEDIMENTATION.
- FINE GRADE, LANDSCAPE, LOAM, SEED, AND FERTILIZE THE REMAINDER OF SITE.
- REMOVE TEMPORARY SOIL EROSION CONTROL MEASURES.

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SCALE: AS SHOWN
 DATE: AUGUST 30, 2016
 PROJECT: 15150

DRN BY: RJS
 DESG BY: TSG
 CHK BY: TSG

INFINITY CREDIT UNION (APPLICANT)
 202 LARRABEE ROAD
 WESTBROOK, ME 04092

BAXTER BOULEVARD
 EROSION CONTROL
 PLAN, NOTES AND DETAILS

C1.3
 MAPLOT 112/F11/1