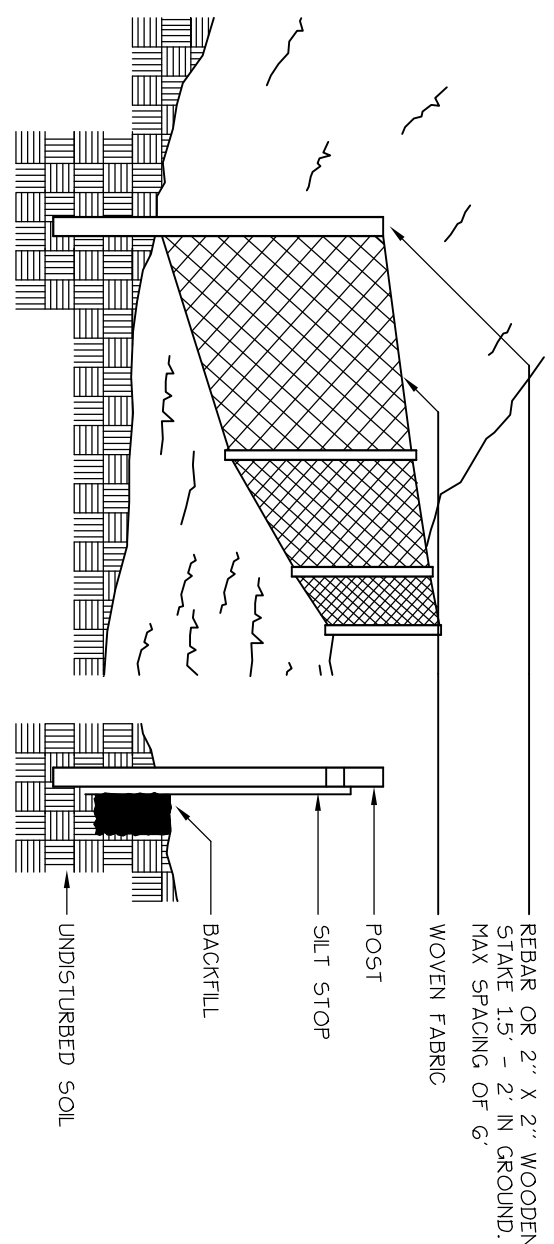


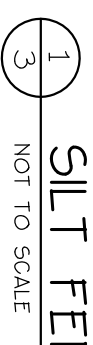
GRADING AND DRAINAGE NOTES

- EXISTING UTILITY LOCATIONS ARE APPROXIMATE BASED ON UTILITY OWNERS RECORDS. FIELD SURVEY AND R.O.W. PLANS. CONTRACTORS SHALL CONTACT THE SAFE AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 M.R.S.A. §360-A.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT THE STREETS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- PRIOR TO CONSTRUCTION CONTRACTOR SHALL INSPECT THE SITE FOR GENERAL CONDITIONS AND ANY SPECIAL REQUIREMENTS NECESSARY FOR PROJECT CONSTRUCTION. THESE COSTS SHALL BE INCLUDED IN CONTRACTOR'S BID.
- CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN PROJECT CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION OR AS DIRECTED BY DESIGN DRAWINGS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION PRIOR TO ANY FURTHER WORK.
- SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
- TOPOGRAPHIC SURVEY INFORMATION TAKEN FROM PLAN ENTITLED, EXISTING CONDITIONS SURVEY AT 70 EAST OXFORD STREET, PORTLAND, MAINE BY OWEN HASKELL, INC. DATED APRIL 27, 2015.
- BENCH MARK MONUMENT 1102-77-1 ELEVATION 19.97 CITY DATUM, LOCATED AT INTERSECTION OF KENNEDY + ANDERSON STREETS.



- SILT FENCE TO BE INSTALLED PARALLEL TO EXISTING CONTOURS.
- DOWN SLOPE FROM AREAS OF SOIL DISTURBANCE.
- SILT FENCE TO BE SECURELY ATTACHED TO THE UP-SLOPE SIDE OF THE SUPPORTING STAKES.
- BOTTOM 4 TO 6 INCHES OF SILT FENCE TO BE BAKED IN SLOPE AND BACKFILLED WITH COMPACTED SOIL.
- CONSTRUCTION SHALL BE MADE AFTER EVERY AREA WITHIN SILT FENCE IS PROTECTED AND BAKED BY THE FENCE. ACCUMULATED SEDIMENT SHALL BE REMOVED AND RE-ACCUMULATED PERIODICALLY.
- SILT FENCE AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND RE-ACCUMULATED PERIODICALLY.
- CONTRACTOR SHALL HAVE BEEN ESTABLISHED.

END POST OVERLAP DETAIL
NOT TO SCALE



EROSION AND SEDIMENTATION CONTROL PLAN

THIS PLAN HAS BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER SITE IMPROVEMENTS AT PORTLAND HOUSING AUTHORITY PARKING LOT LOCATED AT OXFORD STREET, PORTLAND MAINE. THIS PLAN IS BASED ON THE STORMWATER MANAGEMENT FOR MAINE VOLUME III BHP'S TECHNICAL DESIGN MANUAL DATED JANUARY 2006.

A. PROPOSED DEVELOPMENT

THE PROJECT CONSISTS OF SITE IMPROVEMENTS INCLUDING WALKWAY REMOVAL, WALKWAY INSTALLATION, DUMPSTER PAD INSTALLATION, CURBING AND LANDSCAPE IMPROVEMENTS.

B. EROSION CONTROL PRACTICES/TEMPORARY MEASURES

THE FOLLOWING TEMPORARY MEASURES TO CONTROL EROSION AND SEDIMENTATION SHALL BE UTILIZED:
 EACH GROUND AREA, OPENED OR EXPOSED, WHETHER DIRECTLY OR INDIRECTLY DUE TO THE DEVELOPMENT, SHALL BE MINIMIZED AND SHALL BE STABILIZED WITHIN 15 DAYS OF INITIAL DISTURBANCE OF SOIL AND SHALL BE PERMANENTLY STABILIZED WITHIN SEVEN DAYS OF FINAL GRADING. THIS STATEMENT APPLIES TO DISTURBED AREAS BELOW THE LIMITS OF THE PROPOSED BUILDING. EXPOSED AREAS SHALL BE STABILIZED PRIOR TO RAINFALL EVENT.
 TEMPORARY SEEDING, PERMANENT BASE GRAVEL, OR ASPHALT BINDER COURSE AS FOLLOWS:
 TEMPORARY SEEDING: SEED SHALL BE ARBORETOUR RYE APPLIED AT 2.60#/1000 SF. LIME SHALL BE AGRICULTURAL GROUND LIMESTONE APPLIED AT 1.38#/1000 SF. FERTILIZER SHALL BE 10-10-10 CLASSIFICATION APPLIED AT 1.38#/1000 SF. MULCH SHALL CONSIST OF HAY AND STRAW MULCH AND SPREAD EVENLY AT A RATE OF 70-90#/1000 SF. TEMPORARY SEEDINGS SHALL ONLY BE MADE BETWEEN APRIL 15 AND OCTOBER 1, AND SHALL NOT BE PLACED OVER SNOW.

C. EROSION CONTROL PRACTICES/PERMANENT MEASURES

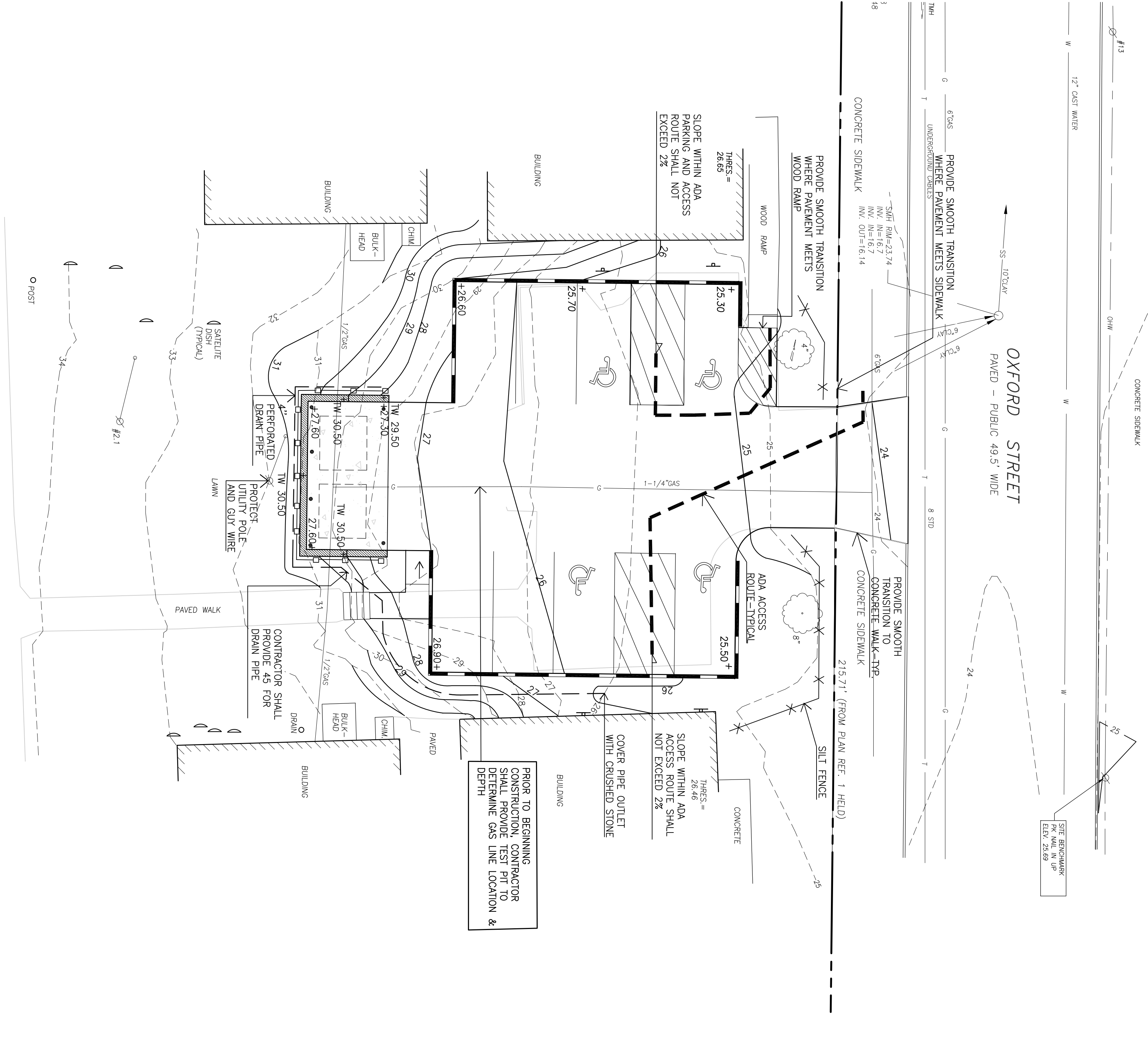
THE FOLLOWING PERMANENT MEASURES TO CONTROL EROSION AND SEDIMENTATION SHALL BE UTILIZED:
 PERMANENT SEEDING SHALL BE PERFORMED DURING CONSTRUCTION OPERATIONS AND EXPOSED AREAS SHALL BE STABILIZED WITHIN 15 DAYS OF FINAL GRADING. MULCH SHALL NOT BE PLACED OVER SNOW. SNOW SHALL BE REMOVED FROM THE BASE GRAVEL UNDER PAVEMENT SHALL BE SUITABLE AS TEMPORARY SOIL STABILIZATION UNDER THE FOLLOWING CONDITIONS:
 a) SLOPES SHALL BE LESS THAN EIGHT PERCENT.
 b) GRAVEL SHALL MEET THE SPECIFICATIONS FOR BASE OR SUBBASE GRAVEL FOR THE PROPOSED PAVEMENT.
 ASPHALT BINDER COURSE: ASPHALT BINDER SHALL MEET THE SPECIFICATIONS FOR THE ASPHALT BINDER COURSE FOR THE PROPOSED PAVEMENT.

D. CONSTRUCTION SEQUENCE

- THE GENERAL SEQUENCE OF WORK SHALL BE AS FOLLOWS:
- INSTALL EROSION CONTROL DEVICES, (SILT FENCE + SALT SACKS)
 - REMOVE ITEMS FOR DEMOLITION.
 - TEMPORARILY STABILIZE DISTURBED AREAS BY MULCHING ALL EXPOSED SOIL WITHIN 15 DAYS OF INITIAL DISTURBANCE.
 - COMPLETE SITE CONSTRUCTION WORK.
 - INSTALL PERMANENT VEGETATION ON ALL EXPOSED AREAS WITHIN 15 DAYS OF FINAL GRADING.
 - PERFORM CONTINUING MAINTENANCE ON ALL EROSION AND SEDIMENTATION CONTROL DEVICES AND MEASURES.

E. SITE INSPECTION + MAINTENANCE

WHEN INSPECTIONS AS WELL AS ROUTINE INSPECTIONS FOLLOWING RAINFALLS OF THE FOLLOWING TYPE SHALL BE REQUIRED: STORMS EXCEEDING THE DESIGN OF THE SITE CONTRACTOR OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES, UNTIL FINAL ACCEPTANCE OF THE PROJECT. NECESSARY REPAIRS SHALL BE MADE TO CORRECT UNDERMINING OR DETRIORATION. FINAL ACCEPTANCE SHALL INCLUDE A SITE INSPECTION TO VERIFY THE STABILITY OF ALL DISTURBED AREAS AND SLOPES, UNTIL FINAL INSPECTION. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL IMMEDIATELY BE CLEANED, AND REPAIRED BY THE SITE CONTRACTOR AFTER STORM EVENTS. DISPOSAL OF ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR. CONTINUED TEMPORARY MAINTENANCE AND LONG TERM PROVISIONS FOR PERMANENT MAINTENANCE OF ALL EROSION AND SEDIMENTATION CONTROL FACILITIES AFTER ACCEPTANCE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF PORTLAND HOUSING AUTHORITY.



Oxford Street Parking
 70 East Oxford Street
 Portland, Maine

Prepared For:
 Portland Housing Authority
 14 Baxter Boulevard
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Date:
 JULY 15, 2015

Issued For:
 CONSTRUCTION

Revisions:

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Title: GRADING AND DRAINAGE & EROSION AND SEDIMENTATION CONTROL PLAN

Scale: 1"=10'

North:

Sheet No.: **3**