

UTILITY NOTES

- UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR EXCAVATION. PROTECT EXISTING ON-SITE SEWER PIPE AND ADJUST MANHOLE RIMS TO GRADE WHERE APPLICABLE.
- ALL GRAVITY CONDUIT PIPES SHALL BE INSTALLED USING A PIPE LASER AND TARGET SYSTEM THROUGH THE PIPE. ON PIPE RUNS 50 FEET OR LESS, THE CONTRACTOR SHALL REQUEST ENGINEER'S APPROVAL TO USE A GROUND LASER.
- STORMDRAIN PIPE SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS.
- COORDINATE FOUNDATION UNDERDRAIN LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY GRADE CHANGES THAT WILL IMPACT STORM DRAINAGE INFRASTRUCTURE OR OTHER UTILITIES.
- CONTRACTOR OWNS TRENCHING, MATERIALS AND BACKFILL FOR ALL UTILITIES.

GRADING & EROSION NOTES

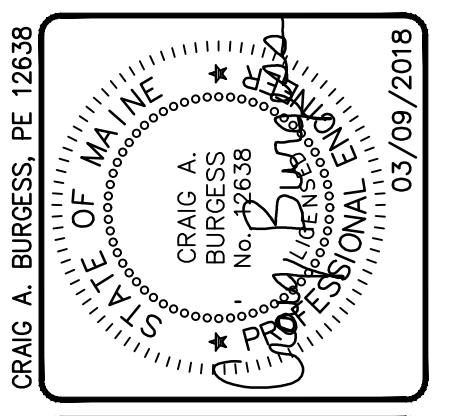
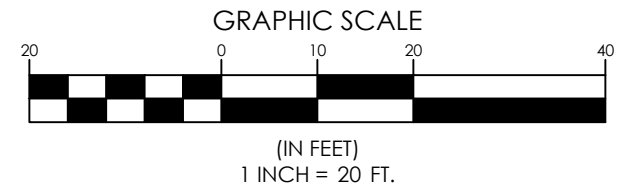
- SIDESLOPES SHALL NOT BE STEEPER THAN 3:1 (H:V) EXCEPT AS OTHERWISE IDENTIFIED ON THIS PLAN. ALL SIDESLOPES STEEPER THAN 3:1 (H:V) SHALL BE LINED WITH EROSION CONTROL BLANKET, OR ADDITIONAL MEASURES AS INDICATED.
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPs" MANUAL PUBLISHED BY BUREAU OF LAND AND WATER QUALITY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OCTOBER 2016 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENT, WALKS, ETC.) SHALL RECEIVE LOAM AND SEED PER DETAIL.

NOTES

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- GARY FULLERTON, CSS 462, SOIL SCIENTIST OF SEBAGO TECHNICS, OBSERVED TEST PITS TP-ST1 1, TP-ST1 2, TP-ST1 3, TP-ST1 4, AND TP-ST1 5, WHICH ARE SHOWN ON THIS PLAN. PLEASE REFER TO SECTION 11 OF THE SITE LOCATION OF DEVELOPMENT PERMIT APPLICATION FOR THE TEST PIT LOGS AND SOILS REPORT.
- TEST PITS NOT OBSERVED BY SEBAGO TECHNICS, AS INDICATED ABOVE IN NOTE 2, AND ALL BORINGS ARE REFERENCED FROM DESIGN REPORT 16-0310 S, DATED NOVEMBER 18, 2016, EXPLORATIONS AND GEOTECHNICAL ENGINEERING SERVICES, PROPOSED ADDITION & SITE IMPROVEMENTS MARGARET CHASE ELEMENTARY SCHOOL, 248 TWOMBLY ROAD SANFORD MAINE. PREPARED BY S.W. COLE ENGINEERING SERVICES, INC. BY TIMOTHY J. BOYCE, SENIOR GEOTECHNICAL ENGINEER, MAINE P.E. #263. THE REPORT ALSO INCLUDES SUBSURFACE DATA AND A NARRATIVE OF THE FINDINGS AND RECOMMENDATIONS.
- PROTECT EXISTING HYDRANT AND/OR REMOVE AND RESET IN COORDINATION WITH SERVICE REPRESENTATIVE.
- TP-200 & TP-201: CONTRACTOR TO FIELD VERIFY SANITARY SEWER LOCATION AND DEPTH PRIOR TO ORDERING DRAINAGE STRUCTURES. MAINTAIN 12" MIN VERTICAL SEPARATION BETWEEN BOTTOM OF STORMDRAIN AND TOP OF SANITARY LINE.

LEGEND

EXISTING	PROPOSED
BENCHMARK	BENCHMARK
BUILDING	BUILDING
EDGE WETLAND	EDGE WETLAND
WETLANDS	WETLANDS
STREAM	STREAM
EDGE PAVEMENT	EDGE PAVEMENT
EDGE CONCRETE	EDGE CONCRETE
PAVEMENT PAINT	PAVEMENT PAINT
EDGE GRAVEL	EDGE GRAVEL
CURB LINE	CURB LINE
EDGE OF WATER	EDGE OF WATER
TREELINE	TREELINE
CONTOURS	CONTOURS
SPOT GRADE	SPOT GRADE
CHAIN LINK FENCE	CHAIN LINK FENCE
BARB WIRE FENCE	BARB WIRE FENCE
STOCKADE FENCE	STOCKADE FENCE
GUARD RAIL	GUARD RAIL
RETAINING WALL	RETAINING WALL
DECIDUOUS TREE	DECIDUOUS TREE
CONIFEROUS TREE	CONIFEROUS TREE
WATER	WATER
WATER GATE VALVE	WATER GATE VALVE
HYDRANT	HYDRANT
SANITARY SEWER	SANITARY SEWER
SANITARY MANHOLE	SANITARY MANHOLE
STORM DRAIN	STORM DRAIN
UNDER DRAIN	UNDER DRAIN
DRAINAGE MANHOLE	DRAINAGE MANHOLE
CATCH BASIN	CATCH BASIN
OVERHEAD UTILITY	OVERHEAD UTILITY
UNDERGROUND UTILITY	UNDERGROUND UTILITY
TEST PIT	TEST PIT
BORING	BORING
UNDERGROUND FIRE ALARM	UNDERGROUND FIRE ALARM
TRANSFORMER PAD	TRANSFORMER PAD
ELECTRICAL MANHOLE	ELECTRICAL MANHOLE
LIGHT POLE	LIGHT POLE
UTILITY POLE	UTILITY POLE
GUY WIRE	GUY WIRE



DESIGNED	CHECKED
KJR	CAB

REVISION	DATE	DESCRIPTION
A	03/09/18	ISSUE TO CITY - LEVEL II SITE ALTERATION

REV. BY: DATE: STATUS:
 THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

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GRADING AND UTILITY PLAN
 OF:
CITY OF PORTLAND PUBLIC WORKS
 250 CANCO ROAD
 PORTLAND, MAINE
 FOR:
CITY OF PORTLAND, DEPARTMENT OF
 212 CANCO ROAD
 PORTLAND, MAINE 04101

PROJECT NO.	SCALE
15056	AS SHOWN