

### UTILITY NOTES

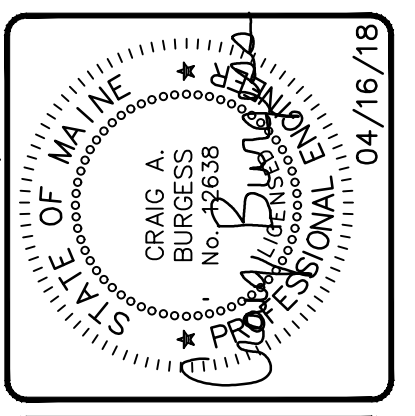
- UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR 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.

### LEGEND

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



DESIGNED	CHECKED
KJR	CAB
C KJR 04/16/18 REVISED & REISSUED TO CITY - LEVEL II SITE ALTERATION	
B CAB 04/11/18 REVISED & REISSUED TO CITY - LEVEL II SITE ALTERATION	
A CAB 03/09/18 ISSUE TO CITY - LEVEL II SITE ALTERATION	
REV. BY:	DATE:
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 PUBLIC SERVICES**  
 212 CANCO ROAD  
 PORTLAND, MAINE 04101