

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 ONSITE SEWER PIPE AND ADJUST MANHOLE RIMS TO GRADE WHERE APPLICABLE.
- 2. ALL GRAVITY PIPES SHALL BE INSTALLED USING A PIPE LASER AND TARGET SYSTEM THROUGH THE PIPE. ON PIPE RUNS 50 FEET OR LESS, THE CONTRACTOR MUST REQUEST ENGINEER'S APPROVAL TO USE A GROUND LASER.
- SEWER PIPE SHALL BE SDR 35 PVC OR APPROVED EQUAL. STORMDRAIN SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS. • WATER SERVICES SHALL BE TYPE K COPPER FROM THE MAIN TO THE BUILDING CONNECTION.
- 4. MAINTAIN MINIMUM 5'-6" OF COVER ABOVE TOP OF WATER SERVICE PIPES.
- 5. LOWER WATER SERVICES AS REQUIRED TO MAINTAIN MINIMUM 12 INCH VERTICAL SEPARATION FROM
- 6. UTILITY DISTRICTS AND COMPANIES SHALL BE NOTIFIED AT LEAST 7 DAYS PRIOR TO CONNECTION INTO EXISTING INFRASTRUCTURE.
- 7. COORDINATE LOCATION OF SEWER AND WATER CONNECTIONS AT THE BUILDING WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS.
- 8. COORDINATE FOUNDATION UNDERDRAIN LOCATIONS AND CONNECTION INTO STORMWATER INFRASTRUCTURE WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS.
- 9. EXISTING WATER SERVICES SHALL BE ABANDONED BY SHUTTING CORPORATION VALVE AND CUTTING
- COPPER PIPE AT THE WATERMAIN IN RIVERSIDE STREET. REMOVE CURB BOX AND ROD. 10. COORDINATE WATER SERVICE SIZE WITH PLUMBING DRAWINGS AND ANTICIPATED WATER USAGE.
- 11. A FOUNDATION DRAIN SHALL BE PROVIDED PER THE GEOTECHNICAL REPORT. CONNECT FOUNDATION DRAIN INTO CATCH BASINS AT UNDERDRAINED SOIL FILTERS, OR AS APPROVED BY DESIGN
- 12. INSTALL PLUGS WITH ORIFICE ON CATCH BASIN UNDERDRAIN OUTLETS AS NOTED ON THIS PLAN.

GRADING & EROSION NOTES

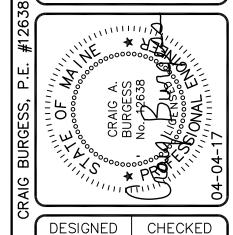
- SIDESLOPES SHALL NOT BE STEEPER THAN 3:1 (H: V) EXCEPT AS OTHERWISE IDENTIFIED ON THIS PLAN. ALL SIDESLOPES STEEPER THAN 3:1 (H: V) SHALL BE LINED WITH EROSION CONTROL
- 2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPS" PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY OF THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- 3. BUILDING TO BE CONSTRUCTED WITH 9" BETWEEN FINISH FLOOR AND PROPOSED EXTERIOR GRADE EXCEPT AT ENTRANCES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- 4. TOTAL WETLAND IMPACT = 1,068 S.F.

SANITAR	SANITARY SEWER STRUCTURE DATA					
STRUCTURE	RIM	INV. IN	INV. OUT:	TYPE		
SMH-1	73.90	65.00 (S-9)		48" SMH		
SMH-2	70.52		69.00 (S-9)	48" SMH		

SANIT	SANITARY SEWER PIPE DATA						
NAME	SIZE	LENGTH	SLOPE				
S-9	8"	72'	5.556%				

STORM DRAIN STRUCTURE DATA						
STRUCTURE	RIM	INV. IN	INV. OUT:	TYPE		
CB-1	71.50	65.75 (SD-1)		48" CB		
CB-2	72.00	66.02 (SD-2)	65.92 (SD-1)	48" CB		
CB-3	70.25		66.56 (SD-2)	48" CB		
CB-4	73.55	70.66 (SD-7)	71.09 (SD-8) 70.56 (SD-6)	48" CB		
CB-5	74.22	71.19 (SD-9) 70.66 (SD-8)		48" CB		
CB-6	74.60	71.70 (SD-10)	71.60 (SD-9)	48" CB		
FI-1	74.60		71.80 (SD-10)	24" F-BASIN		
FI-2	75.00			NYLOPLAST		
FI-3	75.10	71.94 (SD-12)	71.84 (SD-11)	NYLOPLAST		
FI-4	75.10		72.10 (SD-12)	NYLOPLAST		
FI-5	75.10	70.19 (SD-4)	69.19 (SD-3) 72.07 (SD-5)	NYLOPLAST		
FI-6	75.10		71.27 (SD-4)	NYLOPLAST		

STOR	M DR	AIN PIPE	DATA
NAME	SIZE	LENGTH	SLOPE
SD-1	12"	15'	1.104%
SD-2	12"	131'	0.412%
SD-3	10"	32'	9.554%
SD-4	10"	23'	4.711%
SD-5	6"	5'	8.606%
SD-6	12"	63'	0.491%
SD-7	12"	23'	1.457%
SD-8	12"	86'	0.501%
SD-9	12"	79'	0.517%
SD-10	10"	7'	1.394%
SD-11	10"	34'	1.754%
SD-12	10"	27'	0.574%
UD-1	4"	5'	0.400%
UD-2	4"	65'	0.400%
UD-3	4"	22'	0.400%
UD-4	4"	22'	0.400%
UD-5	4"	104'	0.400%
UD-6	6"	66'	0.400%
UD-7	4"	14'	4.866%



MAM

CAB

BUILDIN FICE GRADING

OF:
PROPOSEI

473 & 483 RIVE
PORTLAND, ME
FOR:
ACADIA L

190 RIVERSIDE

UTILITY

| &

PROJECT NO. SCALE 16078 | 1" = 20'

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