DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	COMMENTS
EXIST. CB1	4'ø	EXIST.	28.91/12"(DMH1)	28.81/12"(EXIST.)	
CB1	2'ø	42.50	–	38.50/12"(DMH2)	NYLOPLAST
CB2	2'ø	42.75	39.33/4"(UD)	39.23/12"(DMH2)	NYLOPLAST W/ BEEHIVE GRATE
CB3	NOT USED				
CB4	2'ø	47.50	–	44.00/12"(CB5)	NYLOPLAST
CB5	2'ø	45.50	41.50/12"(CB4)	41.40/12"(DMH2)	NYLOPLAST
CB6	4'ø	27.98	–	24.98/12"(DMH3)	
DMH1	4'ø	33.14	29.14/12"(DMH2) 29.14/12"(RD) 29.14/6"(FD)	29.04/12"(EXIST. CB1)	
DMH2	4'ø	39.78	35.58/12"(GARAGE)	35.48/12"(DMH1)	
DMH3	4'ø	28.22	24.78/12"(CB6) TBD/12"(DMH4)	TBD/15"(DMH5)	
DMH4	4'ø	FLUSH W/ SURFACE INSIDE OF PARKING STRUCTURE	TBD/12"(GARAGE)	TBD/12"(DMH3)	OIL/WATER SEPARATOR
DMH5	6'ø	28.36	TBD/15"(DMH3)	TBD/15"(SAN)	DOGHOUSE

DEWATERING NOTES

DEWATERING:

1. WATER ENCOUNTERED WITHIN THE AREA OF THE BUILDING/PARKING CONSTRUCTION DURING THE EXCAVATION PROCESS SHALL BE COLLECTED IN A STONE FILLED SUMP. THE STONE FILLED SUMP SHALL BE A MINIMUM OF 2 FEET BELOW THE ELEVATION OF THE EXCAVATION.
2. WATER FROM THE SUMP SHALL BE PUMPED TO THE DEWATERING DISCHARGE AREA SHOWN ON C201.
3. AT NO TIME SHALL WATER BE PUMPED DIRECTLY INTO THE CITY STORM DRAIN SYSTEM UNLESS IT HAS FIRST BEEN FILTERED THROUGH A DIRT BAG OR ENGINEERED APPROVED FILTERING PRACTICE.
4. THE CONTRACTOR SHALL CHECK ALL COMPONENTS OF THE DEWATERING PROCESS TO CONFIRM WATER LEAVING THE SITE IS TRANSPORTING NO SUSPENDED SOIL MATERIAL PRIOR TO DISCHARGE INTO THE CITY STORM DRAIN SYSTEM.
5. EROSION AND SEDIMENTATION CONTROL SHALL NOT BE LIMITED TO THE NOTES CONTAINED ON THIS PLAN. REFER TO THE EROSION CONTROL REPORT FOR ADDITIONAL REQUIRED EROSION CONTROL MEASURES FOR THE PROJECT.

ACCESSIBLE ROUTE NOTES:

1. THE ACCESSIBLE ROUTE IS HIGHLIGHTED ON THE GRADING PLAN.
2. THE ACCESSIBLE ROUTE SHALL BE A MINIMUM OF 36 INCHES WIDE.
3. AN ACCESSIBLE ROUTE LESS THAN 60 INCHES WIDE SHALL HAVE PASSING AREAS EVERY 200 FEET.
4. THE MAXIMUM ACCESSIBLE RUNNING SLOPE IS 1/20 OR 5.00%.
5. THE MAXIMUM ACCESSIBLE CROSS SLOPE SHALL BE 1/48 OR 2.08%.
6. CURB RAMPS SHALL HAVE A MAXIMUM RISE OF 6 INCHES AND A MAXIMUM RUNNING SLOPE OF 1/12 OR 8.33%.
7. THE MAXIMUM CROSS SLOPE OF CURB RAMPS SHALL BE 1/48 OR 2.08%.
8. A MINIMUM LANDING AREA 3 FEET LONG AND THE WIDTH OF THE CURB RAMP SHALL BE PROVIDED AT THE TOP AND BOTTOM OF CURB RAMPS. THE LANDING AREA SHALL HAVE A MAXIMUM RUNNING SLOPE OF 1/48 OR 2.08% AND A MAXIMUM CROSS SLOPE OF 1/48 OR 2.08%.

NOTE: ENTIRE SIDEWALK ALONG YORK STREET IS ACCESSIBLE AND SHALL NOT EXCEED THE FOLLOWING STANDARD:
MAX CROSS SLOPE = 2%
MAX LONGITUDINAL SLOPE = 5%

NOTE: WHERE ONLY A BC SPOT GRADE IS SHOWN, TC IS 7" HIGHER

NOTE: THIS PLAN SET IS ISSUED FOR PERMITTING PURPOSES AND SHALL NOT BE USED FOR CONSTRUCTION.

ALTON M. PALMER III No. 6231 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

05/09/2016

Rev.	Date	Revision
3	05/09/16	RESPONSE TO CITY COMMENTS
2	03/10/16	RESPONSE TO CITY COMMENTS
1	11/13/15	RESPONSE TO CITY COMMENTS

Issued For	Date	By
SITE PLAN REVIEW	8/7/15	AMP

Design: CEH | Draft: CG | Date: JUNE 2015
Checked: AMP | Scale: 1"=20' | Job No.: 3018
File Name: 3018-GRADE.dwg

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Drawing Name: Grading, Drainage, and Erosion Control Plan
Project: York Street – Mixed Use Development, Portland, Maine
Client: York Street, LLC, 36 Danforth Street, Portland, ME 04101

Drawing No. C4.01

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