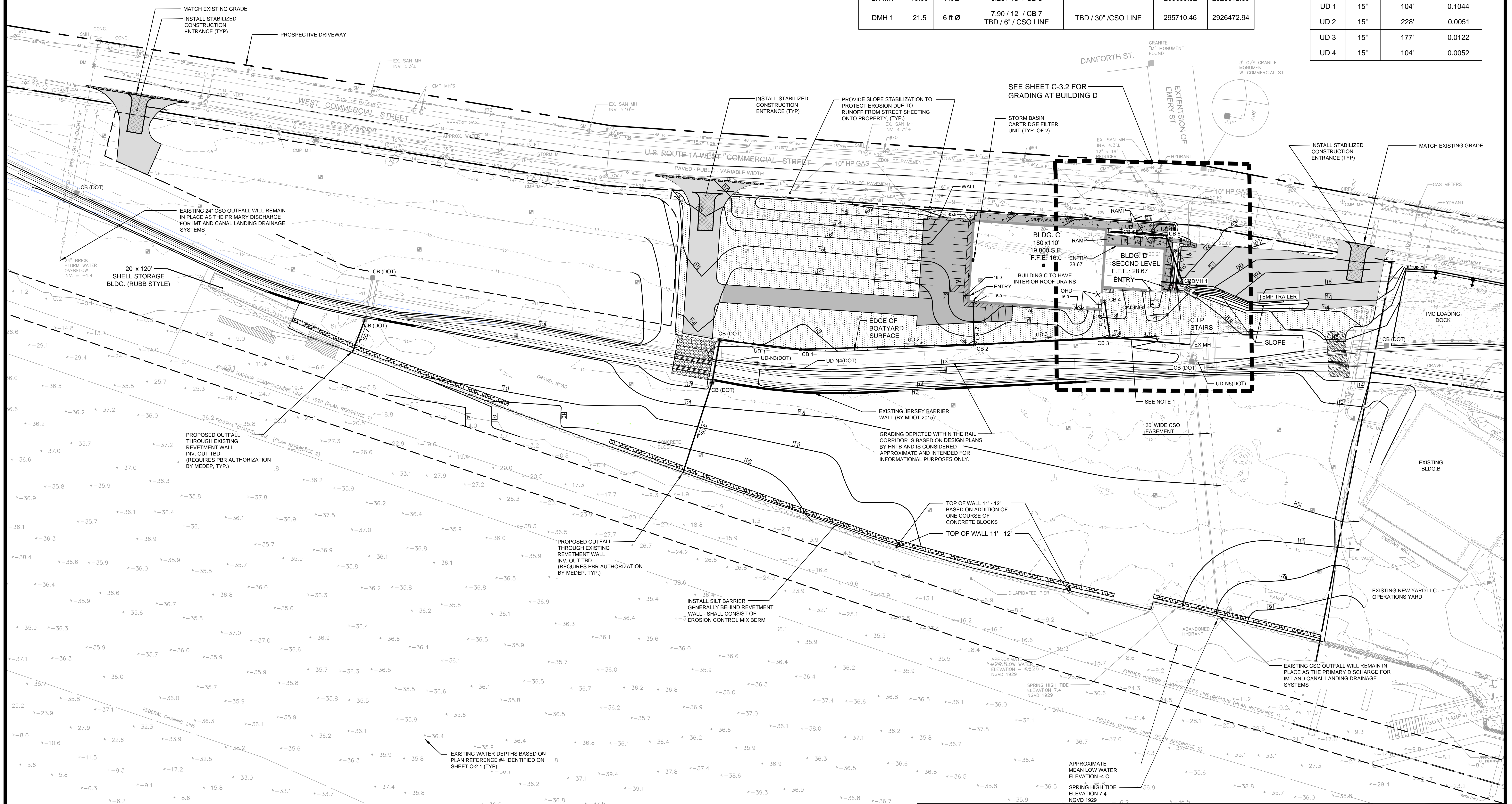


STORM DRAIN APPURTENANCE SCHEDULE						
ID	RIM	SIZE	INV. IN / SIZE / FROM	INV. OUT / SIZE / TO	NORTHING	EASTING
CB 1	12.40	4 ft Ø		10.25 / 15" / CB 2 10.25 / 15" / MDOT CB 1	295390.70	2926055.20
CB 2	12.60	4 ft Ø	9.09 / 15" / CB 1	9.00 / 15" / CB 3	295504.46	2926257.36
CB 3	12.60	4 ft Ø	6.84 / 15" / CB 2 6.84 / 12" / CB 4	6.74 / 15" / EX MH	295597.01	2926413.05
CB 4	10.40	4 ft Ø		7.06 / 12" / CB 3	295636.34	2926384.18
CB 5	22.50	2 ft x 2 ft (BEHIND GRATE)		19.00 / 12" / CB 6	295737.00	2926380.11
CB 6	24.70	4 ft Ø	18.50 / 12" / CB 5	18.40 / 12" / CB 7	295752.21	2926415.80
CB 7	21.70	4 ft Ø	17.10 / 12" / CB 6 11.50 / 6" / BLD B	8.00 / 12" / DMH 1	295705.97	2926465.56
EX MH	13.66	4 ft Ø	6.20 / 15" / CB 3		295638.52	2926512.83
DMH 1	21.5	6 ft Ø	7.90 / 12" / CB 7 TBD / 6" / CSO LINE	TBD / 30" / CSO LINE	295710.46	2926472.94

STORM DRAIN PIPE SCHEDULE			
ID	SIZE	LENGTH	SLOPE
SD 5	12"	45'	0.0049
SD 6	15"	125'	0.0051
SD 7	15"	46'	0.0137
SD 8	6"	27'	0.0038
SD 9	12"	7'	0.1507
SD 10	12"	64'	0.0203
UD 11	12"	36'	0.0140
UD 11A	12"	36'	0.0100
SD 12	15"	54'	0.0118
UD 1	15"	104'	0.1044
UD 2	15"	228'	0.0051
UD 3	15"	177'	0.0122
UD 4	15"	104'	0.0052



INSTALL STABILIZED CONSTRUCTION ENTRANCE (TYP)

PROSPECTIVE DRIVEWAY

INSTALL STABILIZED CONSTRUCTION ENTRANCE (TYP)

PROVIDE SLOPE STABILIZATION TO PROTECT EROSION DUE TO RUNOFF FROM STREET SHEETING ONTO PROPERTY (TYP)

SEE SHEET C-3.2 FOR GRADING AT BUILDING D

STORM BASIN CARTRIDGE FILTER UNIT (TYP. OF 2)

INSTALL STABILIZED CONSTRUCTION ENTRANCE (TYP)

MATCH EXISTING GRADE

EXISTING 24" CSO OUTFALL WILL REMAIN IN PLACE AS THE PRIMARY DISCHARGE FOR IMT AND CANAL LANDING DRAINAGE SYSTEMS

20' x 120' SHELL STORAGE BLDG. (RUBB STYLE)

PROPOSED OUTFALL THROUGH EXISTING REVETMENT WALL INV. OUT TBD (REQUIRES PBR AUTHORIZATION BY MEDEP, TYP.)

PROPOSED OUTFALL THROUGH EXISTING REVETMENT WALL INV. OUT TBD (REQUIRES PBR AUTHORIZATION BY MEDEP, TYP.)

INSTALL SILT BARRIER GENERALLY BEHIND REVETMENT WALL - SHALL CONSIST OF 3' EROSION CONTROL MIX BERM

EXISTING JERSEY BARRIER WALL (BY MDOT 2015)

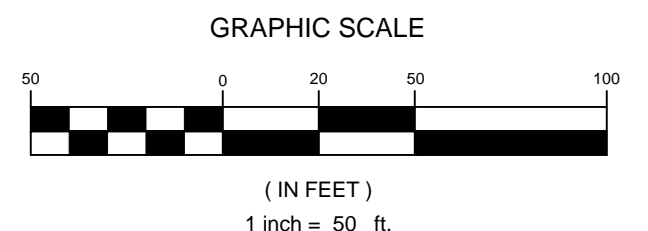
TOP OF WALL 11' - 12' BASED ON ADDITION OF ONE COURSE OF CONCRETE BLOCKS

TOP OF WALL 11' - 12'

EXISTING WATER DEPTHS BASED ON PLAN REFERENCE #4 IDENTIFIED ON SHEET C-2.1 (TYP.)

NOTES:

- THE OWNER HAS RIGHTS FOR CONNECTING TO THE EXISTING DRAINAGE SYSTEMS THRU THE STATE OF MAINE RAIL R.O.W., UNDER A SUPPLEMENTAL AGREEMENT DATED JULY 8, 2014.
- ALL FUTURE SITE ACTIVITIES INCLUDING BUILDING AND YARD AREA IMPROVEMENTS SHALL COMPLY WITH THE CHAPTER 500/CITY OF PORTLAND GENERAL STANDARDS FOR STORMWATER MANAGEMENT.



REV	DATE	DESCRIPTION
4	12.14.17	PERMIT RENEWAL SUBMISSION - LEVEL III
3	11.10.15	REVISED FINAL PLAN SUBMISSION
2	09.04.15	FINAL PLAN SUBMISSION TO CITY OF PORTLAND
1	06.15.15	PRELIMINARY PHASE III AMENDED SITE PLAN TO CITY OF PORTLAND

PROJECT: CANAL LANDING AMENDED SITE PLAN
 SHEET TITLE: PHASE III GRADING AND DRAINAGE PLAN
 CLIENT: CANAL LANDING LLC
 400 WEST COMMERCIAL STREET
 PORTLAND, ME 04101

STANTEC CONSULTING SERVICES INC.
 489 PAYNE ROAD
 SCARBOROUGH, ME 04074
 WWW.STANTEC.COM
 DRAWN: PFB DATE: DECEMBER 2017
 DESIGNED: SRB SCALE: AS NOTED
 CHECKED: SRB JOB NO. 195350129
 FILE NAME: 3091.04-CONCEPT GRADING
 SHEET: C-3.1