

CURVE	RADIUS	LENGTH	START NORTHING & EASTING	END NORTHING & EASTING
C5	30.00	45.14	N 301086.30 E 2931110.37	N 301086.45 E 2931151.37
C32	220.00	40.16	N 301061.38 E 2931180.17	N 301036.64 E 2931148.60
C33	200.00	57.38	N 300990.43 E 2931077.05	N 300952.86 E 2931033.93
C34	40.00	31.05	N 300652.53 E 2930860.93	N 300657.23 E 2930890.84
C35	50.00	50.66	N 300673.61 E 2930917.94	N 300715.71 E 2930942.07
C36	70.00	55.35	N 300742.47 E 2930942.44	N 300791.94 E 2930963.90
C37	2.00	3.14	N 300654.43 E 2930964.10	N 300656.46 E 2930962.13
C38	3.00	4.71	N 300684.16 E 2930978.42	N 300687.21 E 2930975.47
C39	20.00	11.23	N 300687.28 E 2930971.61	N 300684.40 E 2930960.91
C40	12.00	28.38	N 300655.98 E 2930913.91	N 300634.04 E 2930917.35
C41	25.00	5.46	N 300631.85 E 2930926.57	N 300631.18 E 2930931.99
C42	20.00	48.68	N 300773.81 E 2930975.87	N 300751.56 E 2931006.09
C43	100.00	46.09	N 300751.56 E 2931006.09	N 300784.72 E 2931037.50
C44	300.00	83.05	N 300872.84 E 2931088.75	N 300893.72 E 2931139.91
C46	55.00	28.80	N 300798.19 E 2930990.58	N 300773.81 E 2930975.87
C110	11.58	9.51	N 300556.97 E 2930956.45	N 300565.56 E 2930953.04
C111	3.00	4.75	N 300591.83 E 2930952.26	N 300594.82 E 2930949.22
C112	3.00	4.63	N 300594.82 E 2930936.79	N 300591.69 E 2930933.83
C113	15.00	11.88	N 300579.98 E 2930933.67	N 300569.24 E 2930937.98

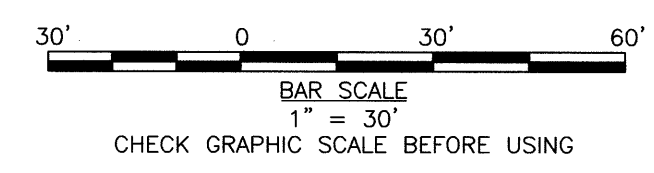
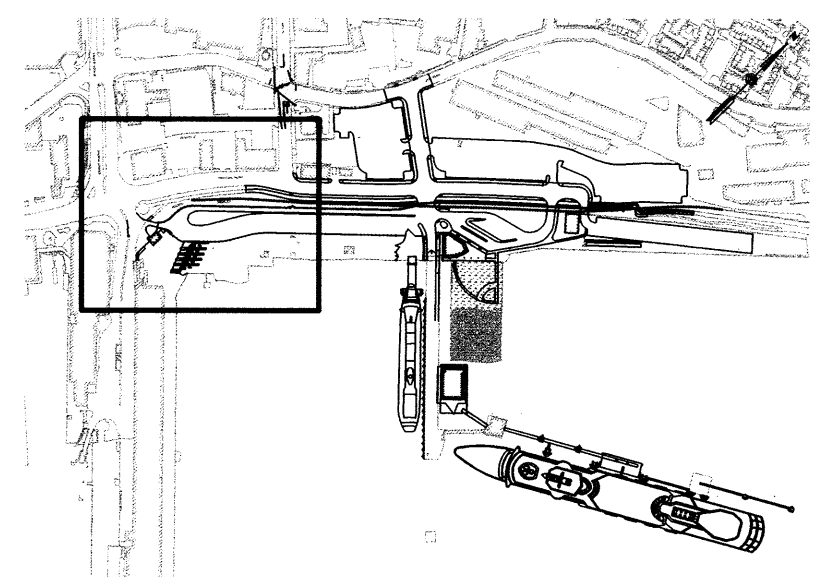
LINE	LENGTH	BEARING	START NORTHING & EASTING	END NORTHING & EASTING
L29	85.18	S57°08'48"W	N 301036.64 E 2931148.60	N 300990.43 E 2931077.05
L30	4.19	S76°40'51"E	N 300653.50 E 2930856.85	N 300652.53 E 2930860.93
L31	31.67	N58°50'37"E	N 300657.23 E 2930890.84	N 300673.61 E 2930917.94
L32	26.77	N00°47'38"E	N 300715.71 E 2930942.07	N 300742.47 E 2930942.44
L33	305.81	N46°06'05"E	N 300791.94 E 2930963.90	N 301003.98 E 2931184.25
L34	16.00	N89°10'27"W	N 300656.46 E 2930962.13	N 300656.69 E 2930946.13
L35	12.00	N00°49'33"E	N 300656.69 E 2930946.13	N 300668.68 E 2930946.30
L36	11.88	S89°10'27"E	N 300668.68 E 2930946.30	N 300668.51 E 2930958.17
L37	12.00	N00°49'33"E	N 300668.51 E 2930958.17	N 300680.51 E 2930958.35
L38	20.00	S89°10'27"E	N 300680.51 E 2930958.35	N 300680.22 E 2930978.35
L39	3.93	N01°00'54"E	N 300680.22 E 2930978.35	N 300684.16 E 2930978.42
L40	3.86	N88°59'06"W	N 300684.16 E 2930978.42	N 300687.21 E 2930971.61
L41	54.92	S58°50'37"W	N 300687.21 E 2930971.61	N 300655.98 E 2930913.91
L42	9.48	S76°40'51"E	N 300655.98 E 2930913.91	N 300634.04 E 2930917.35
L43	4.39	S89°12'19"E	N 300634.04 E 2930917.35	N 300631.18 E 2931006.09
L44	101.77	N30°14'27"E	N 300631.18 E 2931006.09	N 300784.72 E 2931037.50
L45	19.81	N46°06'05"E	N 300784.72 E 2931037.50	N 300951.45 E 2931154.18
L46	224.16	S46°06'05"W	N 300951.45 E 2931154.18	N 300953.62 E 2930990.58
L110	5.88	N42°02'16"W	N 300953.62 E 2930990.58	N 300552.60 E 2930960.39
L111	17.41	N02°31'20"W	N 300552.60 E 2930960.39	N 300565.56 E 2930952.26
L112	8.88	N00°06'21"W	N 300565.56 E 2930952.26	N 300582.95 E 2930953.04
L113	12.43	S89°13'20"W	N 300582.95 E 2930953.04	N 300591.83 E 2930952.26
L114	11.71	S00°47'41"W	N 300591.83 E 2930952.26	N 300594.82 E 2930936.79
L115	29.37	S44°34'48"E	N 300594.82 E 2930936.79	N 300591.69 E 2930933.83
L116	3.00	N43°53'55"W	N 300591.69 E 2930933.83	N 300569.24 E 2930937.98

MONUMENT NUMBER	NORTHING	EASTING
M1	301087.86	2931123.36
M2	301087.82	2931142.61
M15	301054.67	2931180.35
M16	301044.61	2931168.80
M17	301037.39	2931176.40

LINE	LENGTH	BEARING	START NORTHING & EASTING	END NORTHING & EASTING
L1	78.58	N57°08'48"E	N 301010.02 E 2931072.36	N 301052.65 E 2931138.37

CURVE	LENGTH	RADIUS	TANGENT	DELTA	PC STA.	PT STA.
C1	95.01	350.00	47.80	15°33'10"	10+00	10+95.01
C2	36.51	200.00	18.31	10°27'34"	11+73.58	12+10.09

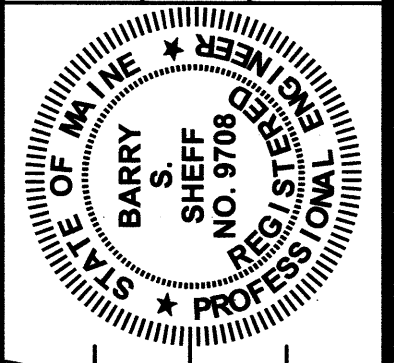
- NOTES:**
1. PLACEMENT AND EXACT LOCATIONS OF SIGNS IN ROADWAY R.O.W. TO BE COORDINATED WITH CITY D.P.W. OFFICE.
 2. FOR INFORMATION ON HORIZONTAL DATUM, VERTICAL DATUM AND CONTROL POINTS, SEE SHEET C001 AND C100.
 3. SEE SHEET C220 FOR NARROW GAUGE RAILROAD LAYOUT PLANS.



MLLW = 0.00 FT = -4.57 FT NGVD 1929 (CITY DATUM)

WOODARD & CURRAN
 Engineering, Science & Operations
 41 Hutchinson Drive - Portland, Maine 04102

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 PROJECT NUMBER 009215.00
 PIN 009215.00



PROJ. MANAGER	PAUL POTTLE	BY	DATE	DESIGN-DETAILED	DAS	CHECKED-REVIEWED	DAS	DESIGN-DETAILED	DAS	DESIGN-DETAILED	DAS	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES

CITY OF PORTLAND
 OCEAN GATEWAY PHASE 1
 LAYOUT PLAN - 1

C204