

LEGEND

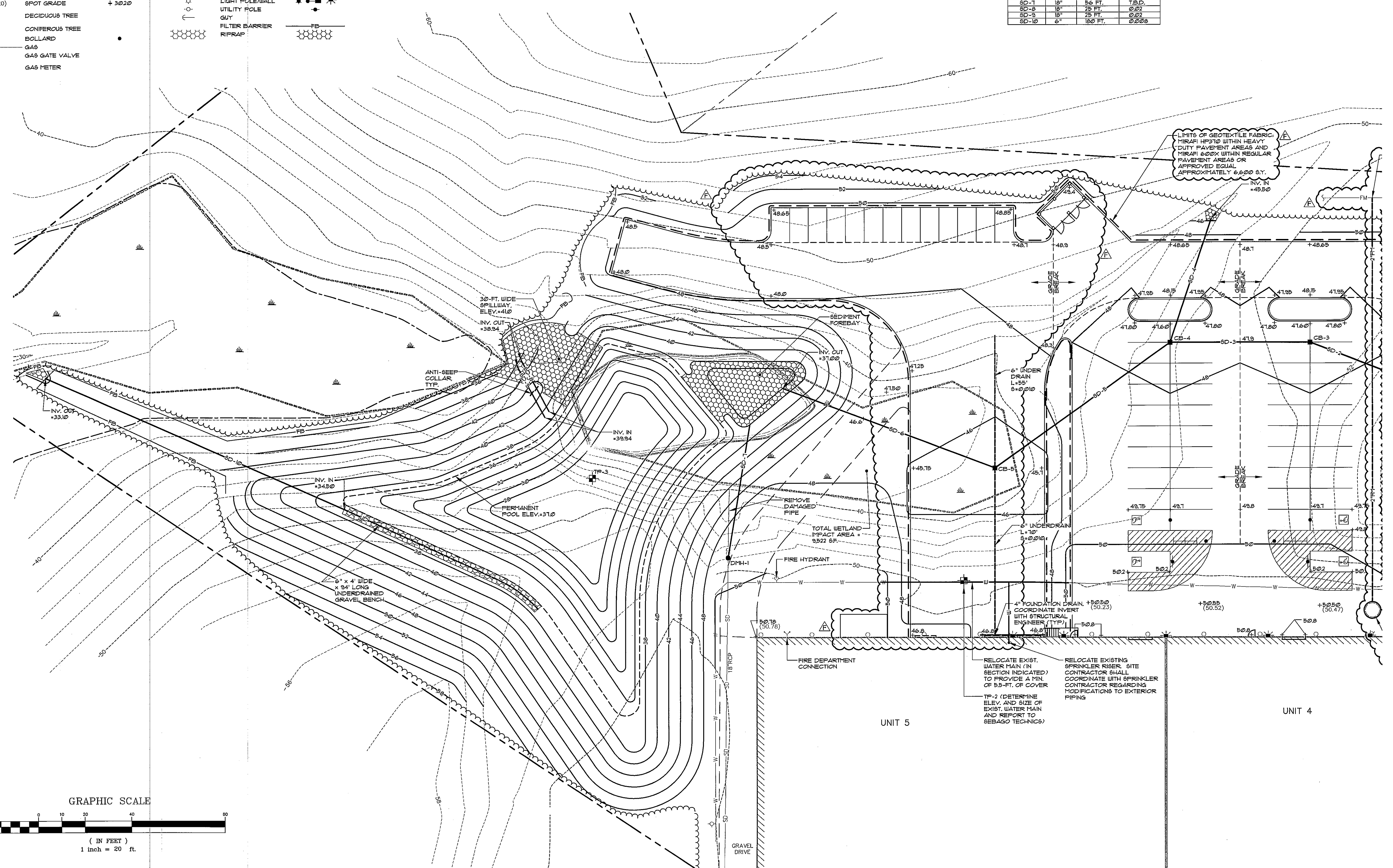
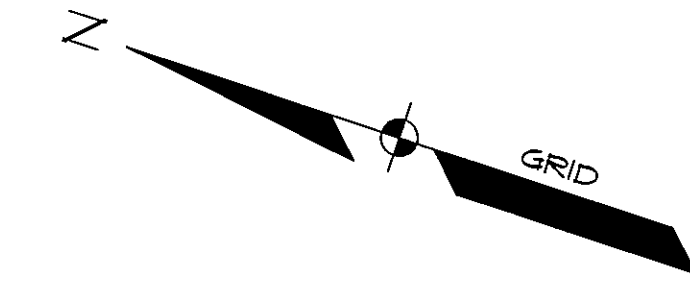
EXISTING	DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED
---	BOUNDARY LINE/ROW	---	W	WATER	W
---	ABUTTER LINE/ROW	---	WV	WATER GATE VALVE	WV
---	EASEMENT	---	WS	WATER SHUT OFF	WS
---	FLOODPLAIN	---	HD	HYDRANT	HD
+	TEST PIT	TP-1	SD	STORM DRAIN	SD
---	BUILDING	---	UD	UNDERDRAIN	UD
---	WETLANDS	---	CB	CATCH BASIN	CB
---	EDGE WETLAND SIGN	---	DMH	DRAINAGE MH	DMH
---	EDGE PAVEMENT	---	OHU	OVERHEAD UTILITY	OHU
---	EDGE GRAVEL	---	UGU	UNDERGROUND UTILITY	UGU
---	CURBLINE	---	TF	TRANSFORMER PAD	TF
---	EDGE WATER	---	EM	ELECTRICAL MANHOLE	EM
---	TREELINE	---	TM	TELEPHONE MANHOLE	TM
---	CONTOURS	---	LP	LIGHT POLE/WALL	LP
---	SPOT GRADE	---	UP	UTILITY POLE	UP
+	DECIDUOUS TREE	+	GUT	GUT	GUT
+	CONIFEROUS TREE	+	FB	FILTER BARRIER	FB
+	BOLLARD	+	RF	RIPRAP	RF
+	GAS	+			
+	GAS GATE VALVE	+			
+	GAS METER	+			

STORM DRAIN STRUCTURE SCHEDULE

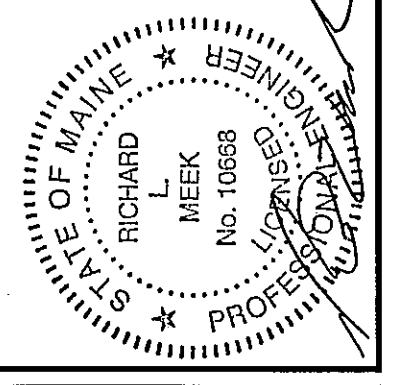
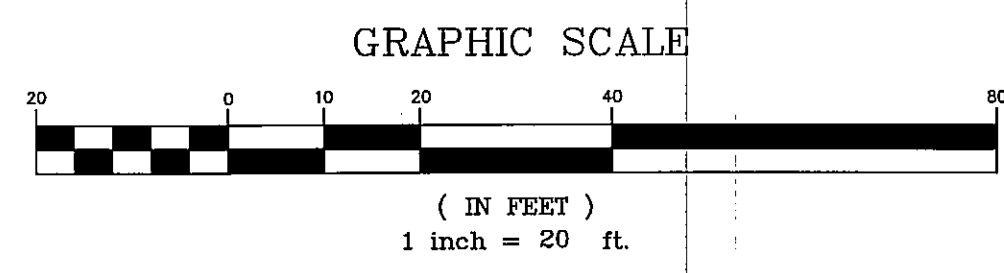
STRUCTURE	DIA.	RIM	INV. IN	INV. OUT
CB-1	4 FT.	48.10	39.20 (EXIST.)	39.10
CB-2	4 FT.	48.15	T.B.D. (6" UD)	
CB-3	4 FT.	47.40	38.32	38.21
CB-4	5 FT.	47.40	42.20 (SD-4)	39.20
CB-5	5 FT.	48.50	T.B.D. (6" UD)	
DMH-1	4 FT.	48.50	T.B.D. (EXIST.)	37.46

STORM DRAIN PIPE SCHEDULE

PIPE	DIA.	LENGTH	SLOPE
SD-1	24"	16 FT.	0.003
SD-2	30"	18 FT.	0.003
SD-3	30"	56 FT.	0.004
SD-4	18"	52 FT.	0.006
SD-5	36"	33 FT.	0.048
SD-6	36"	33 FT.	0.048
SD-7	18"	56 FT.	T.B.D.
SD-8	18"	25 FT.	0.02
SD-9	18"	25 FT.	0.02
SD-10	6"	120 FT.	0.008



LIMITS OF GEOTEXTILE FABRIC:
MIRAFI HP310 WITHIN HEAVY
DUTY PAVEMENT AREAS AND
MIRAFI 6020X WITHIN REGULAR
PAVEMENT AREAS OR
APPROVED EQUAL
APPROXIMATELY 6.500 S.Y.



REV.	DATE	BY	STATUS
A	09-07-13	WTC	ADD DOORS TO UNITS 3, 4 AND 5, ADD PUMP STATION, SEPTIC TANK
B	11-15-12	WTC	REVISE UNIT 5 LOADING DOCKS/ BID REVISION
C	1-02-12	WTC	FINAL PLANS TO CITY
D	10-23-12	WTC	RESUBMIT TO CITY
E	10-09-12	WTC	RESUBMIT TO CITY
F	08-27-12	WTC	SITE PLAN SUBMISSION TO CITY

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PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN
11270		WTC	WTC	MAL

GRADING AND UTILITY PLAN
 OF:
765 WARREN AVENUE SITE
 WARREN AVENUE
 PORTLAND, MAINE
 FOR:
BOULOS PROPERTY MANAGEMENT
 ONE CANAL PLAZA
 PORTLAND, MAINE 04101

11270GU.dwg, TAB: GU2