

LEGEND

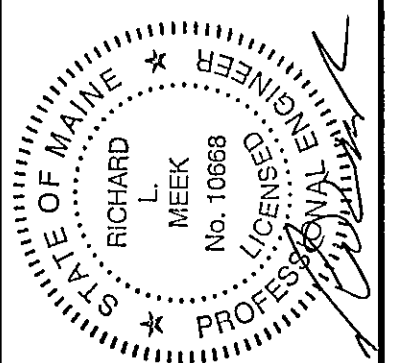
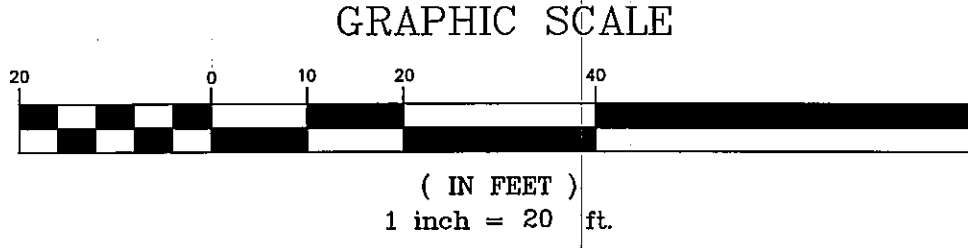
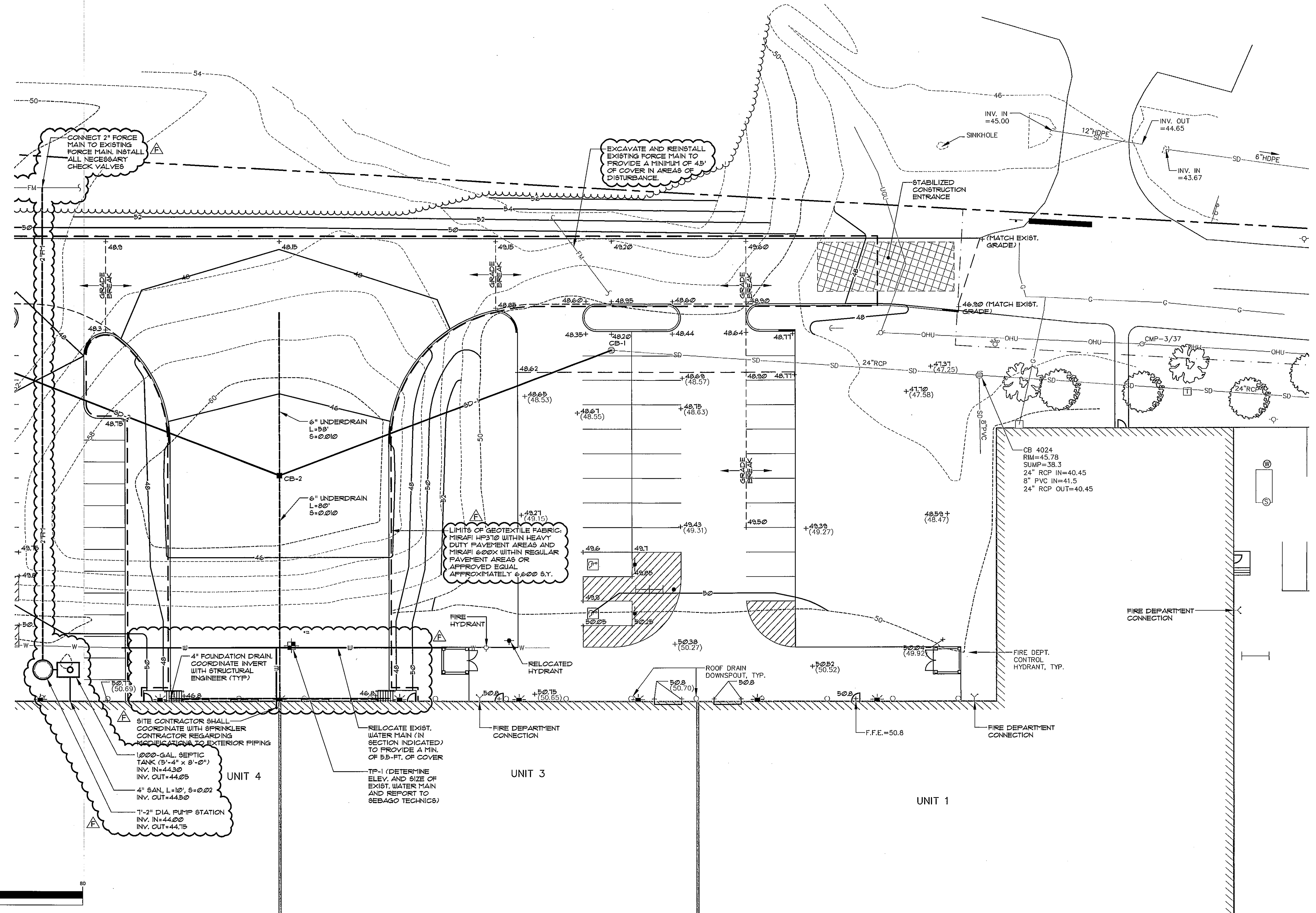
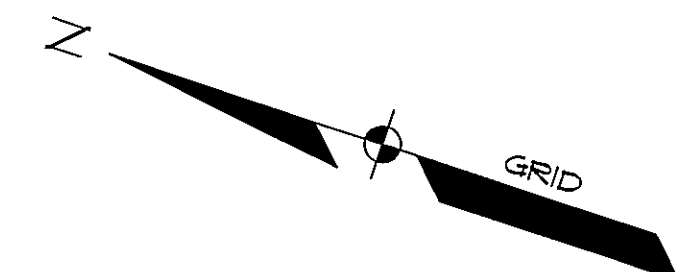
EXISTING	DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED
---	BOUNDARY LINE/ROW	---	W	WATER	W
---	ABUTTER LINE/ROW	---	WV	WATER GATE VALVE	WV
---	EASEMENT	---	WS	WATER SHUT OFF	WS
---	FLOODPLAIN	---	HD	HYDRANT	HD
---	TEST PIT	TP-1	SD	STORM DRAIN	SD
---	BUILDING	---	UD	UNDERDRAIN	UD
---	WETLANDS	---	CB	CATCH BASIN	CB
---	EDGE WETLAND SIGN	---	DM	DRAINAGE MH	DM
---	EDGE PAVEMENT	---	CU	CULVERT	CU
---	EDGE GRAVEL	---	OHU	OVERHEAD UTILITY	OHU
---	CURBLINE	---	UGU	UNDERGROUND UTILITY	UGU
---	EDGE WATER	---	TF	TRANSFORMER PAD	TF
---	TREELINE	---	EM	ELECTRICAL MANHOLE	EM
---	CONTOURS	124	TM	TELEPHONE MANHOLE	TM
---	SPOT GRADE	+ 30.20	LP	LIGHT POLE/WALL	LP
---	DECIDUOUS TREE	---	UP	UTILITY POLE	UP
---	CONIFEROUS TREE	---	FB	FILTER BARRIER	FB
---	BOLLARD	---	RF	RIFRAP	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.	49.15	18.00 (6" UD)	38.12
CB-3	4 FT.	41.40	38.37	38.21
CB-4	5 FT.	41.40	43.20 (SD-4)	38.00
CB-5	5 FT.	45.50	38.05 (SD-3)	38.00
DMH-1	4 FT.	49.50	31.50 (SD-5)	31.46
			T.B.D. (EXIST.)	T.B.D.

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.	0.002
SD-5	36"	28 FT.	0.045
SD-6	36"	33 FT.	0.045
SD-7	18"	56 FT.	T.B.D.
SD-8	18"	25 FT.	0.02
SD-9	18"	18 FT.	0.02
SD-10	6"	100 FT.	0.008



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

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PROJECT NO. 11270
 DESIGN: WTC
 CHECK: WTC
 DRAWN: 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