

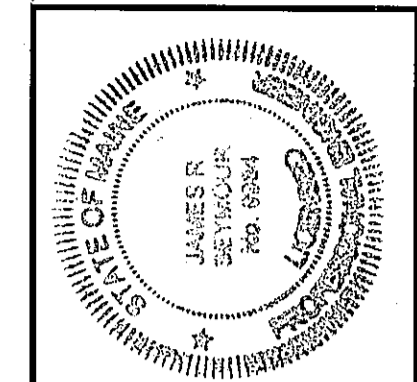
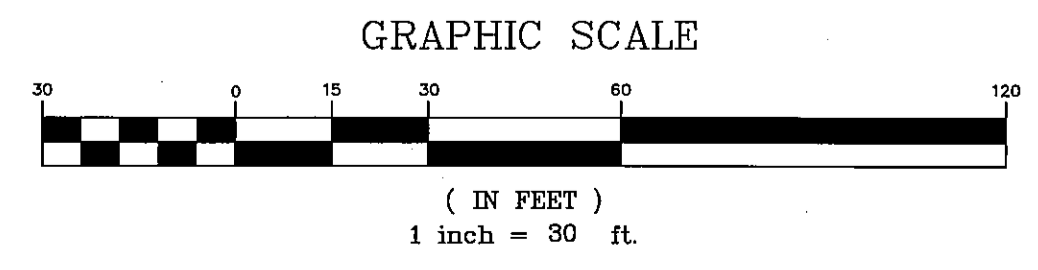
STORM DRAIN PIPE SCHEDULE				
PIPE	DIA.	LENGTH	SLOPE	MATERIAL
SD-1	12"	21'	0.003	HDPE
SD-2	12"	20'	0.005	HDPE
SD-3	18"	13'	0.015	PVC
SD-4	12"	3'	0.06	HDPE
SD-5	12"	13'	0.015	HDPE
SD-6	24"	45'	0.023	HDPE
SD-7	18"	80'	0.005	HDPE
SD-8	15"	106'	0.0056	HDPE
SD-9	15"	13'	0.01	HDPE
SD-10	15"	35'	0.01	HDPE
SD-11	12"	141'	0.0054	HDPE

STORM DRAIN STRUCTURE SCHEDULE			
STRUCTURE	RIM	INV. IN	INV. OUT
CB-1	26.61	22.0 (12" RD)	22.0 (SD-1)
CB-2	25.60	21.8 (SD-1)	21.7 (SD-2)
CB-3	25.60	21.3 (6" FD)	21.3 (SD-3)
CB-4	24.90	---	21.2 (SD-4)
CB-5	21.75	23.0 (12" RD)	22.9 (SD-5)
CB-6	26.31	---	22.80 (SD-11)
DMH-7	25.40	21.0 (SD-3)	20.90 (SD-6)
DMH-8	26.40	22.0 (SD-9)	22.0 (SD-7)
DMH-9	27.60	22.70 (SD-5)	22.70 (SD-8)
OCS-1	27.10	23.5 (SD-10)	23.90 (SD-9)
		22.8 (6" UD)	

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	BOUNDARY LINE/ROW	---
---	ABUTTER LINE/ROW	---
---	EASEMENT	---
---	CENTERLINE	---
---	BENCHMARK	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	EDGE CONCRETE	---
---	PAVEMENT PAINT	---
---	CURLINE	---
---	CHAIN LINK FENCE	---
---	RETAINING WALL	---
---	GAS	---
---	GAS GATE VALVE	---
---	WATER	---
---	WATER GATE VALVE	---
---	WATER SHUT OFF	---
---	HYDRANT	---
---	SEWER	---
---	SEWER MH	---
---	STORM DRAIN	---
---	UNDERDRAIN	---
---	CATCH BASIN	---
---	DRAINAGE MH	---
---	OVERHEAD UTILITY	---
---	UTILITY	---
---	UNDERGROUND UTILITY	---
---	ELECTRICAL MANHOLE	---
---	TELEPHONE MANHOLE	---
---	LIGHT POLE/WALL	---
---	UTILITY POLE	---
---	GUY	---

- NOTES**
1. RECONNECT ACTIVE SERVICES TO NEW WATER MAINS. OLD WATER MAINS TO BE REMOVED DURING INSTALLATION OF NEW WATER MAIN. NOTIFY PUD & SHUT DOWN INDIA ST. TO CONNECT BOTH NEWBURY & MIDDLE ST. MAINS TO INDIA ST. ALL WATER MAINS & ASSOCIATED WORK WITHIN MIDDLE AND HANCOCK STREETS (FROM MIDDLE TO FEDERAL) TO BE PROVIDED BY PORTLAND WATER DISTRICT.
 2. ALL EXISTING PUD CUSTOMERS MUST REMAIN IN SERVICE AT ALL TIMES EXCEPT FOR SHORT SHUT DOWNS TO MAKE CONNECTIONS AND ONLY THEN AFTER PROPER NOTIFICATION.
 3. PRIOR TO CONSTRUCTION, CONTRACTORS SHALL VERIFY ALL UTILITY STUB LOCATIONS WITH MECHANICAL / PLUMBING DRAWINGS AND SHALL ADJUST LOCATIONS AS REQUIRED.
 4. ELECTRICAL LAYOUT SHOWN IS APPROXIMATE AND WILL CHANGE BASED UPON DESIGN-BUILD ELECTRICAL PLANS AND COORDINATION WITH CIP#. CONTRACTOR SHALL REFER TO ELECTRICAL PLANS BY OTHERS FOR EXACT ROUTING, ELECTRICAL REQUIREMENTS, SERVICES ENTRANCES, TYPE & LOCATION OF MANHOLES/VAULTS AND APPURTENANCES.
 5. ALL EXISTING CIP# POLES ON PROJECTS FRONTAGE OF MIDDLE STREET AND NEWBURY STREET SHALL BE REMOVED.
 6. PRIOR TO CONSTRUCTION CONTRACTOR TO VERIFY LOCATION OF WATER MAIN GAS MAIN WITHIN MIDDLE STREET. COORDINATE ANY WATER MAIN OR GAS MAIN RE-LOCATION WORK WITH THE APPROPRIATE UTILITIES PRIOR TO CONSTRUCTION.



REV.	DATE	BY	STATUS
B	09-05-12	JRS	REVISED PER CONDITIONS OF APPROVAL
A	05-11-12	JRS	ISSUED TO CITY FOR REVIEW

PROJECT NO. 05109
FIELD BOOK
DESIGN
CHKD
WTC
JRS
JRS
JRS
DRAWN
JRS

SEBAGO
TECHNICAL SERVICES

WWW.SEBAGOTECHNICALSERVICES.COM
112-113 NEWBURY STREET, SUITE 9
PORTLAND, MAINE 04108
78 John Paulson Drive, Suite 102
South Portland, ME 04106
Tel: 207-778-5656
Tel: 207-200-9100

UTILITY PLAN
OF:
THE BAY HOUSE
112-113 NEWBURY STREET / 140 HANCOCK STREET
PORTLAND, MAINE
FOR:
THE VILLAGE AT OCEAN GATE, LLC
35 PAY STREET, SUITE 107B
BOSTON, MA 02116-4620

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