



**GENERAL NOTES**

1. EXISTING CONDITIONS SURVEY BENCHMARK - ELEVATIONS ARE REFERENCED TO CITY OF PORTLAND DATUM. LOCATION OF BENCHMARK: SEE REFERENCE NO. 4, SHEET 1.
2. UTILITIES AS SHOWN ARE A COMPILATION OF READILY AVAILABLE PLANS AND FIELD OBSERVATIONS. CONTRACTOR SHALL VERIFY PRIOR TO BEGINNING CONSTRUCTION.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF THE CITY OF PORTLAND AND AFFECTED UTILITY OWNERS.
5. LOCATION OF UTILITY STRUCTURES AND INVERTS OF PIPED UTILITIES MAY BE ADJUSTED TO MEET FIELD CONDITIONS, ONLY AFTER PRIOR APPROVAL OF THE OWNER, THE AFFECTED UTILITY COMPANY, AND THE CITY OF PORTLAND.
6. BUILDING PLUMBING TO BRING SANITARY AND WATER SERVICE TO FIVE (5) FEET OUTSIDE OF FOUNDATION. SITE WORK COMMENCES AT THIS POINT.
7. WHERE STORM DRAIN OR SEWER MAINS HAVE LESS THAN FOUR (4) FEET OF COVER, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR (4) INCHES OF (2) INCH THICK STYROFOAM INSULATION BOARD OVER AND ALONG SIDES OF THE PIPE.
8. ELECTRICAL ORIGINATING OF NEW STREETLIGHT FIXTURES TO BE COORDINATED WITH THE CITY OF PORTLAND PUBLIC WORKS.
9. LOCATION OF NEW STREET LIGHT FIXTURES TO BE COORDINATED WITH THE CITY OF PORTLAND PLANNING DIVISION, PUBLIC WORKS AND CENTRAL MAINE POWER.

**STORM DRAIN SCHEDULE**

STRUCTURE	SIZE	INVERT IN	INVERT OUT
UD	-	-	5.63
CB #1	9.55	5.49	5.39
CB #2	10.16	5.10	5.00
CB #3	9.45	4.56	4.46
CB #4	9.40	5.30	5.20
CB #5	9.90	-	5.63
CB #6	9.25	-	5.39
VORTECH	10.30	4.26	4.26
ECB #4	8.67	4.13	4.00

**LEGEND**

PROPERTY LINE	EXISTING	PROPOSED
IRON PIPE/ROD FOUND	—●—	—●—
UTILITY POLE	—○—	—○—
SITE LIGHT FIXTURE	—*—	—*—
STREET LIGHT FIXTURE	—*—	—*—
BUILDING LIGHT FIXTURE	—*—	—*—
MANHOLE	—○—	—○—
VALVE	—○—	—○—
CATCH BASIN	—○—	—○—
FIRE HYDRANT	—○—	—○—
WATER	—W—	—W—
OVERHEAD UTILITY WIRE	—EOW—	—EOW—
SANITARY SEWER	—S—	—S—
UNDERGROUND ELECTRIC TELEPHONE & CABLE TV	—ETC—	—ETC—
STORM DRAIN	—SD—	—SD—
GAS	—G—	—G—
UNDERDRAIN	—UD—	—UD—

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63 Marginal Way  
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Title: **GRADING, DRAINAGE AND UTILITIES PLAN**

Scale: 1"=20'

North:

Sheet No.: **3**

ISSUED FOR PERMITTING  
11/11/2005