



UTILITY NOTES

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATIONS SHOWN OR THAT THE DEPTHS ARE CORRECT. THE SURVEYOR DOES NOT ASSUME LIABILITY FOR THE UNDERGROUND UTILITIES. CALL DISSAFE (1-888-344-7233) AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
2. DO NOT SCALE THESE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS, NOTES AND FIELD CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION BEFORE ADDITIONAL WORK PROCEEDS.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION PRIOR TO ANY FURTHER WORK.
4. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WITH THE CITY OF PORTLAND.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF THE CITY OF PORTLAND AND AFFECTED UTILITY OWNERS. ALL UTILITIES SHALL BE INSTALLED IN CONFORMANCE WITH APPROPRIATE UTILITY DISTRICT BEFORE INSTALLATION.
6. 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.
7. CONTRACTOR SHALL CONDUCT TEST PIT EXCAVATION TO CONFIRM LOCATION OF EXISTING UTILITIES WHERE NEW BUILDING SANITARY SERVICE, GAS, WATER AND ELECTRIC SERVICE ARE PROPOSED AND WHERE STORMWATER OUTLETS INTO EXISTING STORM DRAIN.
8. WHERE STORM DRAINS HAVE LESS THAN FOUR (4) FEET OF COVER BETWEEN THE TOP OF PIPE AND FINISH GRADE, INSULATE PIPE USING TWO (2) INCH THICK STYROFOAM INSULATION BOARD OVER AND ALONG SIDES OF THE PIPE. ALL REQUIRED UTILITIES SERVING THE DEVELOPMENT SHALL BE COORDINATED AND CONSTRUCTED TO WITHIN 5 FEET OF THE BUILDINGS AT A LOCATION COORDINATED WITH THE CONTRACTOR AND THE BUILDING PLANS. ALL REQUIRED CONNECTION FEES SHALL BE PAID BY CONTRACTOR.
9. ALL WATER UTILITY MATERIAL AND INSTALLATION METHODS SHALL CONFORM TO THE STANDARDS OF THE PORTLAND WATER DISTRICT. PORTLAND WATER DISTRICT CONTACT: JAMIE PASCHAL (207) 774-5961 X3051.
10. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF OVERHEAD AND UNDERGROUND TELEPHONE AND CABLE UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSULTING AND COORDINATE WITH FAIRPOINT COMMUNICATIONS; CONTACT: JOHN CARRO (207) 797-1678 AND THE WARNER CABLE CONTACT: MARK PELLETIER (207) 253-2324.
11. DISCONTINUED UTILITY SERVICES INCLUDING SANITARY SEWER SHALL BE PERMANENTLY CAPPED CONFORMING TO CITY OF PORTLAND STANDARDS; CONTRACTOR SHALL BE COORDINATE WITH PUBLIC SERVICES.
12. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF OVERHEAD AND UNDERGROUND UTILITY SERVICES INCLUDING SANITARY SEWER, GAS, WATER AND ELECTRIC UTILITIES. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF THE CITY OF PORTLAND AND AFFECTED UTILITY OWNERS. ALL UTILITIES SHALL BE INSTALLED IN CONFORMANCE WITH APPROPRIATE UTILITY DISTRICT BEFORE INSTALLATION.
13. SANITARY SEWER PIPE SHALL BE 8" DIA. VITRIFIED CLAY PIPE WITH THE REQUIREMENTS OF THE PORTLAND WATER DISTRICT. ALL SANITARY SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS OF THE PORTLAND WATER DISTRICT. MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO STANDARDS OF THE CITY OF PORTLAND AND COORDINATE WITH DEPARTMENT OF PUBLIC SERVICES. PORTLAND AND PUBLIC SERVICES CONTACT: DAVID MARROU-S-PINEO, (207) 874-8850.
14. PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
15. ROOF DRAIN CONNECTIONS SHALL BE CONFIRMED WITH FINAL BUILDING PLANS.
16. THURST BLOCKS OR LOGGING RETAINERS GLANDS SHALL BE PLACED ON THE WATER DISTRIBUTION LINES AT ALL POINTS WHERE THERE ARE JUNCTIONS, ELONGATED JUNCTIONS AND DIRECTLY AT BLOCKS OR LOGGING RETAINERS GLANDS SHALL MEET THE REQUIREMENTS OF THE PORTLAND WATER DISTRICT.
17. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE EXISTING NATURAL GAS SUPPLY LINE AND WATER MAINS WITH THE PORTLAND WATER DISTRICT. PORTLAND WATER DISTRICT CONTACT: BRIGGETT MATHERS, (207) 541-2505.
18. ALL WORK WITHIN THE ROAD RIGHT-OF-WAY AND ALL UTILITIES CONNECTING TO INFRASTRUCTURE WITHIN THE ROAD SHALL MEET CITY OF PORTLAND TECHNICAL MANUAL STANDARDS.

LEGEND

| EXISTING | PROPOSED |
|--------------------|--------------------|
| PROPERTY LINE | PROPERTY LINE |
| GRANITE MONUMENT | GRANITE MONUMENT |
| CATCHBASIN | CATCHBASIN |
| MANHOLE | MANHOLE |
| HYDRANT | HYDRANT |
| UTILITY POLE | UTILITY POLE |
| WATER VALVE | WATER VALVE |
| SANITARY SEWER | SANITARY SEWER |
| STORM DRAIN | STORM DRAIN |
| WATER | WATER |
| TELEPHONE | TELEPHONE |
| GAS | GAS |
| OVERHEAD WIRES | OVERHEAD WIRES |
| OHV CABLE LINES | OHV CABLE LINES |
| FOUNDATION DRAIN | FOUNDATION DRAIN |
| CLEAN OUT | CLEAN OUT |
| CURB | CURB |
| FENCE | FENCE |
| SIGN | SIGN |
| DECIDUOUS TREE | DECIDUOUS TREE |
| EVERGREEN TREE | EVERGREEN TREE |
| CONTOUR | CONTOUR |
| SPOT ELEVATION | SPOT ELEVATION |
| WALL MOUNTED LIGHT | WALL MOUNTED LIGHT |
| POLE MOUNTED LIGHT | POLE MOUNTED LIGHT |



The Park Danforth

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UTILITIES PLAN

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Scale: 1"=30'

North:

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