GRADING AND DRAINAGE NOTES:

- DO NOT SCALE THESE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS. DETALS, NOTES AND SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT FOR FURTHER DRECTION AND RESOLUTION BEFORE ADDITIONAL WORK PROCEEDS.
- CONTRACTOR SHALL YERIFY 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.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTLITIES WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION OF OR INSTALLATION OF ANY PART OF THIS WORK.
- 4. CONTRACTOR SHALL AVOID ALL AREAS NOT REQUIRING GRADING. CONTRACTOR SHALL NOT DISTURB THESE AREAS.
- 5. 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 UNITITIES IN THE AREA, EITHER IN SERVICE OR BABADONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION NDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL DIGCAFE (1-868-344-7233) AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
- G. CONTRACTOR SHALL CONDUCT TEST PIT EXCAYATION TO CONFIRM LOCATION OF EXISTING UTILITIES WHERE NEW BUILDING SANTARY SERVICE AND WATER SERVICE ARE PROPOSED.
- WHERE STORM DRAINS OR SEWER MAINS HAVE LESS THAN FOUR (4) FEET OF COVER BETWEEN TOP OF PIPE AND FINISH GRADE, INSULATE PIPE USING TWO (2) INCH THICK STYROFOAM INSULATION BOARD OVER AND ALONG SIDES OF THE PIPE.
- 8. EXISTING DRAINAGE MANHOLES SHALL BE CORED TO ACCEPT NEW DRAINAGE PIPES AS NOTED.
- 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.
- 10. ROOF DRAIN CONNECTIONS SHALL BE CONFIRMED WITH FINAL BUILDING PLANS
- ALL UTLITIES SHALL BE INSTALLED IN CONFORMANCE WITH INDIVIDUAL UTLITY DISTRICT REQUIREMENTS, CONTRACTOR SHALL COORDINATE INSTALLATION WITH APPROPRIATE UTILITY DISTRICT BEFORE INSTALLATION.
- 12. 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.
- DISCONTINUED UTILITY SERVICES INCLUDING SANITARY SEWER SHALL BE PERMANENTLY CAPPED CONFORMING TO CITY OF PORTLAND STANDARDS, CONTRACTOR SHALL COORDINATE WITH PUBLIC SERVICES.
- 14. UTILITIES SHOWN ARE BASED ON THE REFERENCED PLANS AND A FIELD SURVEY OF VISIBLE STRUCTURES PERFORMED IN FEBRUARY 2015. DURING THE FIELD SURVEY THERE WAS SNOW IN EXCESS OF THREE FEET DEEP AND ASSOCIATED ICE THAT MADE VERIFICATION DIFFICULT. A SITE VISIT TO VERIFY UTILITIES IS RECOMMENDED ONCE SNOW COVER IS GONE.

LEGEND **STRUCTURES** PROPOSED EXISTING PROPERTY LINE SMH 8108 RIM=10.6 8" VIT INV IN=5.7 12" VIT INV IN=4.5 12" VIT INV OUT=4.4 SHELF=4.8 GRANITE MONUMENT 0 CB 8110 RIM=9.7 B" VIT INV OUT=5.7 SUMP=4.0 CATCHBASIN MANHOLE 0 SMH 8102 RIM=14.3 15" CMP INV IN=6.9 18" VIT INV IN=8.6 15" VIT INV IN=6.2 15" VIT INV OUT=6.1 SHELF=6.9 ♦ HYDRANT UTILITY POLE -0-WATER VALVE ⊗ w∨ M SMH 8115 RIM=11.1 44" BRICK INV IN=4.0 44" BRICK INV IN=3.9 TOP WEIR=5.9 30" RCP INV OUT=3.2 ——E5 —— ___5___ STORM DRAIN ESD-____ SD ____ CB 8284 RIM=9.9 12" PVC INV IN=6.2 12" PVC INV OUT=5.0 SUMP=1.6 ____ EW ____ WATER — w— TELEPHONE — T — ____ EG ____ GAS ___ G___ CURB DMH 8288 RIM=9.8 30" RCP INV IN=1.7 12" PVC INV IN=3.8 30" RCP INV OUT=1.6 SHELF=3.9 X FENCE • • • • DECIDUOUS TREE 0 0 SMH 8125 RIM=10.1 CB 8106 RIM=10.1 舒 · 🛇 EVERGREEN TREE CB 8104 RIM=13.4 PIPE BOLLARD SMH 8005 RIM= 11.4 BIKE HITCH • SMH 8100 RIM=11.9 SPOT GRADE SMH 8113 RIM=11.1 SMH 8118 RIM=11.1 WALL MOUNTED SMH 8122 RIM=10.8 0-11 LIGHT FIXTURE CB 8286 RIM=9.8 SECURITY CAMERA + OVERHEAD WIRES CMP CABLE LINES E -

