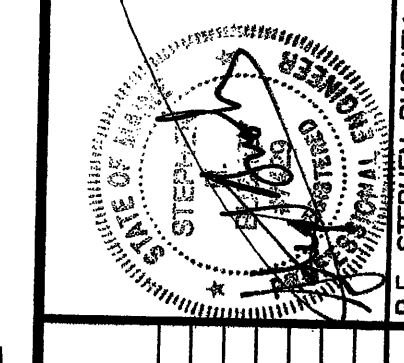
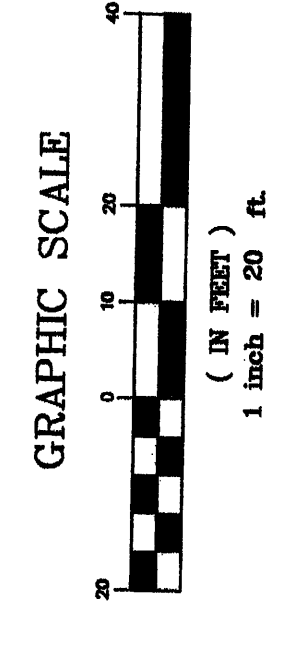


- UTILITY NOTES:**
1. ALL REQUIRED UTILITY SERVICES THE CONTRACTOR SHALL BE COORDINATED AND CONSTRUCTED BY THE DIVISION 2 CONTRACTOR TO WITHIN THE PROJECT OF THE CITY OF PORTLAND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 2. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ANY GAS OR WATER MAINS WITH THE PORTLAND WATER BUREAU AND THE PORTLAND SEWER & WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 3. ALL SANITARY SEWER WORK SHALL MEET THE STANDARDS OF THE CITY OF PORTLAND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 4. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRIC SERVICE WITH CENTRAL ELECTRIC COMPANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 5. COORDINATE ALL UTILITY WORK WITH THE APPROPRIATE UTILITY COMPANY. ALL UTILITY WORK SHALL CONFORM TO THE STANDARDS OF THE UTILITY COMPANY.
 6. THE EXACT LOCATION OF THE NEW UTILITY SERVICES AND CONNECTIONS SHALL BE DETERMINED BY THE UTILITY COMPANY.
 7. UNDERGROUND CONDUIT MATERIAL AND INSTALLATION SHALL CONFORM TO UTILITY COMPANY STANDARDS.
 8. ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
 9. ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING CABLES.
 10. THE CONTRACTOR SHALL OBTAIN, PAY FOR, AND COMPLY WITH ALL REQUIRED PERMITS, AGREEMENTS FOR ALL INSPECTIONS, AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATES TO THE OWNER PRIOR TO COMPLETION OF THE PROJECT.
 11. PROVIDE AND INSTALL ALL BOXES, FITTINGS, CONNECTORS, COVER PLATES AND OTHER NECESSARY ACCESSORIES AS SHOWN ON THE DRAWINGS TO BE NECESSARY FOR THE PROPER OPERATION OF THE UTILITY SERVICES.
 12. A 10 FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER MAINS, GAS MAINS, SEWER MAINS, AND OTHER UTILITY MAINS. THE MINIMUM HORIZONTAL SEPARATION SHALL BE PROVIDED AT ALL INTERSECTIONS AND CROSSINGS.
 13. THROTTLE BLOCKS OR LOCKING DEVICES SHALL BE PLACED ON THE WATER MAINS AND SEWER MAINS AT ALL CROSSINGS, TEE'S, FIRE HYDRANTS, VALVES, CHANGES IN DIRECTION, ETC. THE THROTTLE BLOCKS SHALL BE SPECIFICALLY IDENTIFIED ON THE DRAWINGS AND THE LOCATION AND/OR THE ELEVATION OF THE THROTTLE BLOCKS SHALL BE SPECIFICALLY IDENTIFIED ON THE DRAWINGS.
 14. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING RECORD DRAWINGS THROUGHOUT THE PROJECT AND PROVIDING THE OWNER WITH A SET OF THE FINAL RECORD DRAWINGS WHEN THE PROJECT IS COMPLETED.
 16. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND COORDINATING WITH THE DIVISION 2 CONTRACTOR AND THE BUILDING DEPARTMENT.
 17. SANITARY SEWER SERVICE AND WATER SUPPLY FOR THE HEALTH CENTER SHALL RUN INTERNALLY WITHIN THE BUILDING FROM THE RESIDENTIAL HOUSING SPACE.
 18. THE GENERATOR SHALL BE A SELF ENCLOSED UNIT CONTAINING FUEL STORAGE AND ALL NECESSARY SAFETY DEVICES. THE GENERATOR SHALL BE INSTALLED ON A CONCRETE FOUNDATION. THE CONCRETE FOUNDATION SHALL BE AT LEAST 6" THICK, REINFORCED WITH TYPICAL WW, CONCRETE STRENGTH = 4,000 PSI.

TEMPORARY UTILITY SERVICE:
 THE SITE CONTRACTOR SHALL PROVIDE THE FOLLOWING TEMPORARY UTILITY SERVICES TO THE MAJOR STRUCTURE (TO BE DETERMINED BY THE GENERAL CONTRACTOR):
 - TEMPORARY ELECTRIC - 120/208 SINGLE PHASE POWER
 - TEMPORARY WATER - TEMPORARY WATER SERVICE CAPPED AT THE VALUE (AS SHOWN AS PRACTICABLE)
 - TELEPHONE SERVICE VIA A SINGLE GROUND LINE.

NOTE: ACCORDING TO PORTLAND WATER DISTRICT PERSONNEL THERE MAY BE AN EXISTING 8" x 8" x 8" TEE AND 8" x 4" WATER MAIN. IF SO, THE REDUCER AND 4" MAIN ARE TO BE REMOVED AND A NEW 8" MAIN EXTENDED DOWN ERNEST STREET.



REV	DATE	DESCRIPTION
7	02/14/18	RELEASED FOR CONSTRUCTION
6	10/23/18	ISSUED TO PORTLAND PLANNING AUTHORITY
5	09/26/18	ISSUED TO PORTLAND PLANNING AUTHORITY
4	09/26/18	ISSUED FOR CONSTRUCTION
3	11/15/17	RELEASED FOR THE PLAN REVIEW
2	11/15/17	ISSUED FOR PERMITS
1	10/27/17	ISSUED FOR PERMITS