

**LEGEND**

- BOUNDARY/ROW LINE
- - - - - EXISTING EASEMENT
- - - - - PROPOSED EASEMENT
- G --- EXISTING GAS LINE
- G --- PROPOSED GAS LINE
- SS --- EXISTING SEWER LINE
- SS --- PROPOSED SANITARY LINE
- W --- EXISTING WATER LINE
- W --- PROPOSED WATER LINE
- E --- EXISTING POWER LINE
- E --- PROPOSED POWER LINE
- SD --- EXISTING STORM LINE
- (SD) --- AS-BUILT STORM LINE LOCATION
- SD --- PROPOSED STORM LINE
- T --- EXISTING COMMUNICATION LINE
- T --- PROPOSED COMMUNICATION LINE
- ☉ --- PROPOSED STORM DRAIN MANHOLE
- ☐ --- PROPOSED STORM DRAIN CATCH BASIN
- --- PROPOSED STORM DRAIN CLEANOUT
- --- PROPOSED FDC
- ⊗ --- PROPOSED WATER VALVE

C900 SPRINKLER PIPE TO BE RESTRAINED WITH ROMAC ROMAGRIP OR APPROVED EQUAL

KNOX BOXES TO BE INSTALLED ON ALL BUILDINGS PER TVF&R STANDARDS. SEE ARCHITECTURAL PLANS FOR LOCATIONS

**# SANITARY SEWER CONSTRUCTION NOTES**

1. CONSTRUCT PRIVATE SANITARY SEWER CLEANOUT.
2. INSTALL SEWER STUB FOR FUTURE DEVELOPMENT
3. INSTALL 4" D3034 PVC SANITARY SEWER LINE.
4. INSTALL 6" D3034 PVC SANITARY SEWER LINE.
5. INSTALL 8" D3034 PVC SANITARY SEWER LINE.
6. INSTALL 1,500 GALLON GREASE INTERCEPTOR. CONTRACTOR TO PROVIDE VENT LINE TO 5' OF THE BUILDING PAD FOR VENTING TO BUILDING ROOF STACK.
7. INSTALL SANITARY SEWER CONNECTION TO BUILDING. STUB SANITARY LINE 5' FROM FACE OF BUILDING.
8. INSTALL TRAPPED AND VENTED SANITARY SEWER CATCH BASIN
9. CONNECT TO EXISTING SANITARY SEWER MAIN WITH 48" MANHOLE. CONTRACTOR TO POTHOLE AND VERIFY EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.

**GENERAL WATER NOTES**

- ALL PIPE MATERIAL TO BE CL 52 ZINC COATED & POLYWRAPPED DUCTILE IRON
- ALL PIPES TO BE FULLY RESTRAINED USING TYTON JOINTS FASTITE OR APPROVED EQUAL
- FITTINGS TO BE RESTRAINED USING MEGALUG SERIES 1100, OR APPROVED EQUAL
- MINIMUM PIPE COVER TO BE 36"
- PIPE DEFLECTION TO BE PER MANUFACTURERS RECOMMENDATION BUT NOT MORE THAN 5"
- ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH CITY OF BEAVERTON DESIGN AND CONSTRUCTION STANDARDS
- COORDINATE WITH CITY FOR ALL SHUTDOWNS AND CONNECTIONS TO WATER LINE. CONTRACTOR SHALL NOT OPERATE ANY PUBLIC VALVES
- CONSTRUCT NEW PORTIONS OF DUCTILE IRON MAINS (EXCLUDING TIE-IN SECTIONS) IN POLYETHYLENE ENCASEMENT. INSTALL 1" COMBINATION AIR RELEASE AND VACUUM VALVE AT ALL INTERMEDIATE HIGH POINTS.
- WATER METERS ARE NOT ALLOWED IN PAVED SURFACES. IF IN UNPAVED AREA, METER AND BACKFLOW DEVICE SHALL BE PLACED IN H-20 TRAFFIC-RATED LIDS AND BOXES.
- PUBLIC WATER LINES TO BE CONSTRUCTED AT LEAST 6' FROM FACE OF CURB.

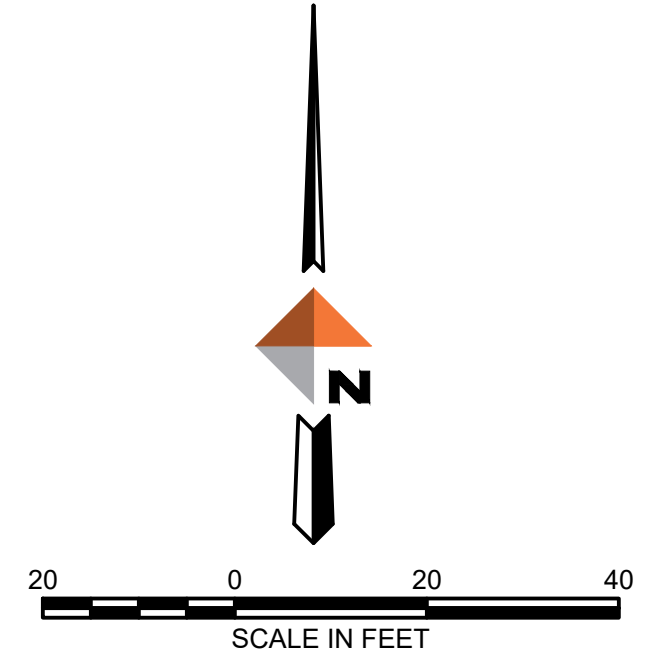
**# WATER CONSTRUCTION NOTES:**

1. INSTALL 2" PVC DOMESTIC WATER LINE.
2. INSTALL 4" RPBA IN ABOVE GROUND HOTBOX PER DETAIL ON SHEET C8.6. HOTBOX TO BE INSULATED AND HEATED. CONTRACTOR TO COORDINATE WITH MEP FOR POWER SUPPLY TO RPBA.
3. INSTALL 2" RPBA PER DETAIL ON SHEET C8.6. HOTBOX TO BE INSULATED AND HEATED. CONTRACTOR TO COORDINATE WITH MEP FOR POWER SUPPLY TO RPBA.
4. INSTALL STUB FOR DOMESTIC WATER LINE 5' FROM FACE OF BUILDING. CONTRACTOR TO CONFIRM LOCATION PRIOR TO CONSTRUCTION.
5. INSTALL STUB FOR FIRE LINE 5' FROM FACE OF BUILDING. CONTRACTOR TO CONFIRM LOCATION PRIOR TO CONSTRUCTION. PRIOR TO FIRE LINE CONNECTION TO SYSTEM RISER, CONTRACTOR TO CONTACT FIRE DEPARTMENT FOR SYSTEM FLUSH OF FDC, FIRE MAIN, AND HYDRANT.
6. INSTALL 4" C900 DOMESTIC WATER LINE. FULLY RESTRAIN ALL JOINTS.
7. INSTALL FIRE VAULT INSIDE BUILDING.
8. INSTALL 1.5" WATER METER AND DCVA FOR IRRIGATION WATER SUPPLY.

**# FRANCHISE UTILITY NOTES**

1. INSTALL ELECTRICAL AND COMMUNICATION LINE. CONTRACTOR TO COORDINATE INSTALLATION WITH CORRESPONDING UTILITY COMPANY.
2. INSTALL ELECTRICAL AND COMMUNICATION TO THE BUILDING. CONTRACTOR TO COORDINATE INSTALLATION WITH CORRESPONDING UTILITY COMPANY.
3. INSTALL GAS SERVICE TO BUILDING. CONTRACTOR TO COORDINATE INSTALLATION WITH NW NATURAL
4. COORDINATE WITH PGE TO RELOCATE EXISTING POLE AND ASSOCIATED UTILITIES
5. ADJUST EXISTING UTILITY LID TO FINAL GRADE

OREGON UTILITY  
NOTIFICATION CENTER  
1-800-332-2344



<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REV	DATE	DESCRIPTION					<p><b>DOWL</b></p> <p>WWW.DOWL.COM</p> <p>309 SW 6TH AVENUE, SUITE 700 PORTLAND, OREGON 97204 971-280-8641</p>
REV	DATE	DESCRIPTION						
<p>ALLEN BOULEVARD RE-DEVELOPMENT 10700 SW ALLEN BLVD, BEAVERTON, OR 97005</p> <p><b>UTILITY PLAN</b></p> <p>NE 1/4 NE, 1/4 SECTION 22, T1S, R1W, W.M. WASHINGTON COUNTY, OREGON</p>								
<p>PROJECT 14769.01 DATE 01/31/22</p>		<p>©DOWL 2021 SHEET</p> <p><b>C5.0</b></p>						

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