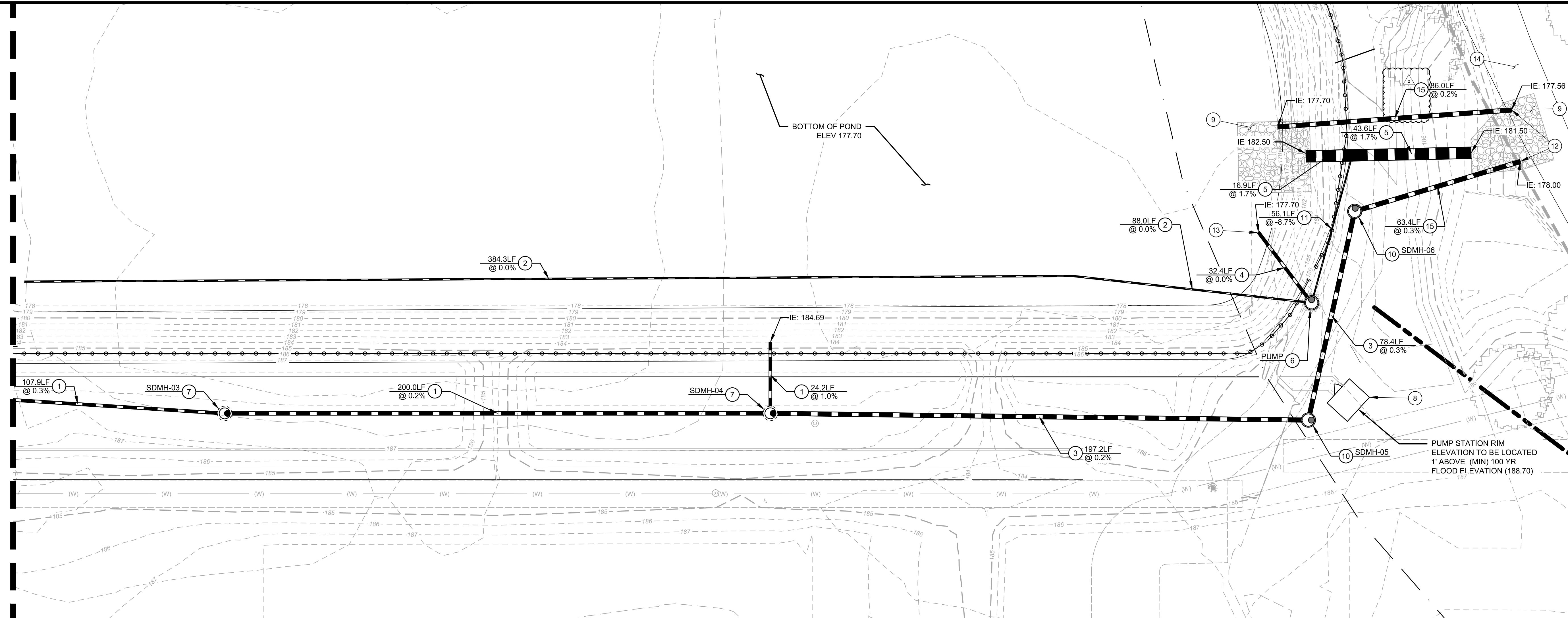


MATCHLINE SHEET C4.0

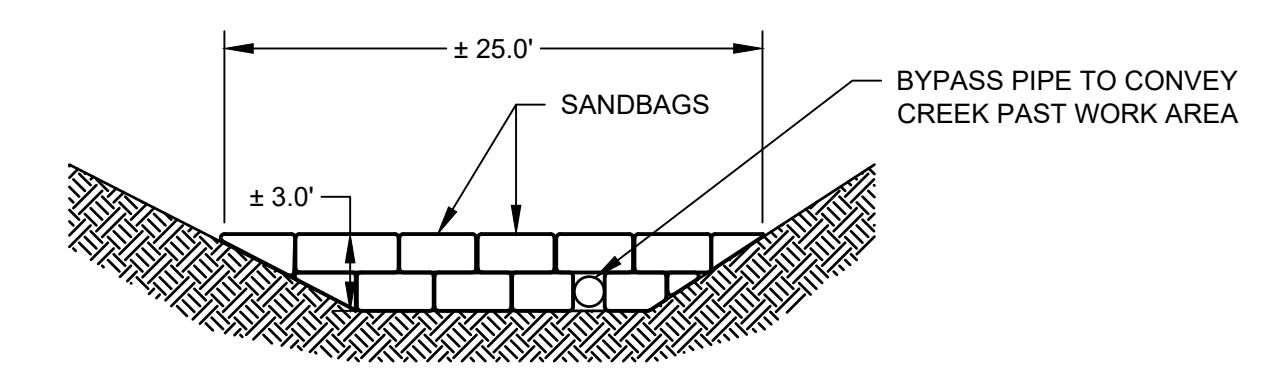


GENERAL NOTES

- 100-YEAR STORM IS FULLY CONTAINED WITHIN THE UNDERGROUND STORM CONVEYANCE SYSTEM.
- ALL CONNECTIONS TO PUBLIC MAINS TO BE MADE WITH MANUFACTURED TEE.
- ALL PRIVATE SYSTEM CONNECTIONS NOT MADE AT A STRUCTURE TO BE 'WYE' CONNECTIONS.
- ALL PRIVATE INSERTA TEE CONNECTIONS TO BE MADE ANGLED UP AND ABOVE SPRING LINE.

CONSTRUCTION NOTES

- INSTALL 12" HDPE N12/PVC D3034 STORM LINE.
- INSTALL 6" PERFORATED
- INSTALL 18" HDPE N12/PVC D3034 STORM LINE.
- INSTALL 12" CONCRETE STORM LINE.
- INSTALL 48" CONCRETE STORM LINE.
- INSTALL PUMP. SEE ROMTECH DESIGN DOCUMENTS FOR DETAILS.
- INSTALL STANDARD 48" STORM DRAIN MANHOLE PER DETAIL ON SHEET C8.2. SEE MANHOLE DATA TABLE THIS SHEET FOR MORE INFORMATION.
- CONSTRUCT PREFABRICATED 10' X 12' UTILITY SHED FOR PUMP CONTROLS, EMERGENCY BACKUP GENERATOR AND FUTURE SOLAR PANELS. STRUCTURE TO BE PLACED ON CONCRETE PAD SET AT 1' ABOVE 100 YEAR FLOOD ELEVATION (SLAB ELEVATION 189.70)
- INSTALL 2.5 FT THICK CLASS 200 RIP RAP
- CONSTRUCT 60" STORM MANHOLE PER DETAIL ON SHEET C8.3. SEE MANHOLE DATA TABLE THIS SHEET FOR MORE INFORMATION.
- INSTALL 4" PVC C900 FORCE MAIN. FORCE MAIN MATERIAL AND SPECS TO BE PER PUMP MANUFACTURER RECOMMENDATION WITH FULLY RESTRAINED/WELDED JOINTS.
- INSTALL FLAP GATE ON PIPE OUTLET.
- INSTALL 36" ROUND INLET/OUTLET STRUCTURE GRATE FROM TRASHRACKS.COM AS TRASH RACK ON INLET OF PIPE PER DETAIL ON SHEET C8.3.
- CONSTRUCT FANNO CREEK DIVERSION WHEN NECESSARY TO FACILITATE WORK NEAR THE CREEK. SEE DETAIL THIS SHEET.
- INSTALL 18" CONCRETE STORM LINE



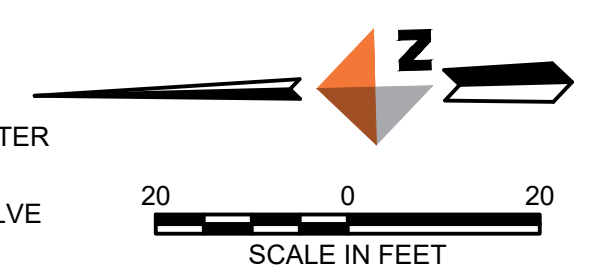
FANNO CREEK DIVERSION DETAIL
NOT TO SCALE

LEGEND

- BOUNDARY/ROW LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING SEWER LINE
- PROPOSED SANITY LINE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING POWER LINE
- PROPOSED POWER LINE
- EXISTING STORM LINE
- AS-BUILT STORM LINE LOCATION
- PROPOSED STORM LINE
- EXISTING COMMUNICATION LINE
- PROPOSED COMMUNICATION LINE
- EXISTING FIBER OPTIC LINE
- PROPOSED FIBER OPTIC LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN CATCH BASIN
- PROPOSED STORM DRAIN CLEANOUT
- PROPOSED FDC
- PROPOSED WATER METER
- PROPOSED WATER VALVE
- PROPOSED DCDA

UNDERGROUND UTILITY STATEMENT:

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 (CARDNO) FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH WE CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. DUE TO THE HAZARDOUS NATURE AND APPLICABLE OSHA REQUIREMENTS REGARDING CONFINED SPACES, IT IS THE SURVEYOR'S POLICY TO NOT SEND FIELD STAFF INTO UTILITY MANHOLES TO RETRIEVE DEPTH AND SIZE INFORMATION. INFORMATION SHOWN HEREON IS SUBJECT TO AN UNCERTAINTY IN ACCURACY DEPENDING ON DEPTH, SIZE, FLOW, AND CONSTRUCTION OF MANHOLES. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITY LINES.



OREGON UTILITY
NOTIFICATION CENTER
1-800-332-2344



REV	DATE	DESCRIPTION
1	11/04/22	CITY REDLINES
2	11/10/22	DESIGN REVISIONS
3	12/09/22	CITY REDLINES



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ALLEN BOULEVARD RE-DEVELOPMENT
10700 SW ALLEN BLVD, BEAVERTON, OR 97005
STORM PLAN - SOUTH
NE 1/4 NE 1/4 SECTION 22, T1S, R1W, W.M.
WASHINGTON COUNTY, OREGON

PROJECT	14769.01
DATE	01/31/22

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SHEET
C4.2