City of Puyallup

Building

REVIEWED

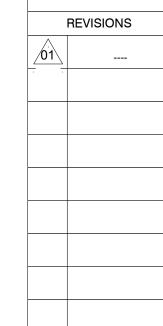
FOR

COMPLIANCE

SKinnear

10/23/2025

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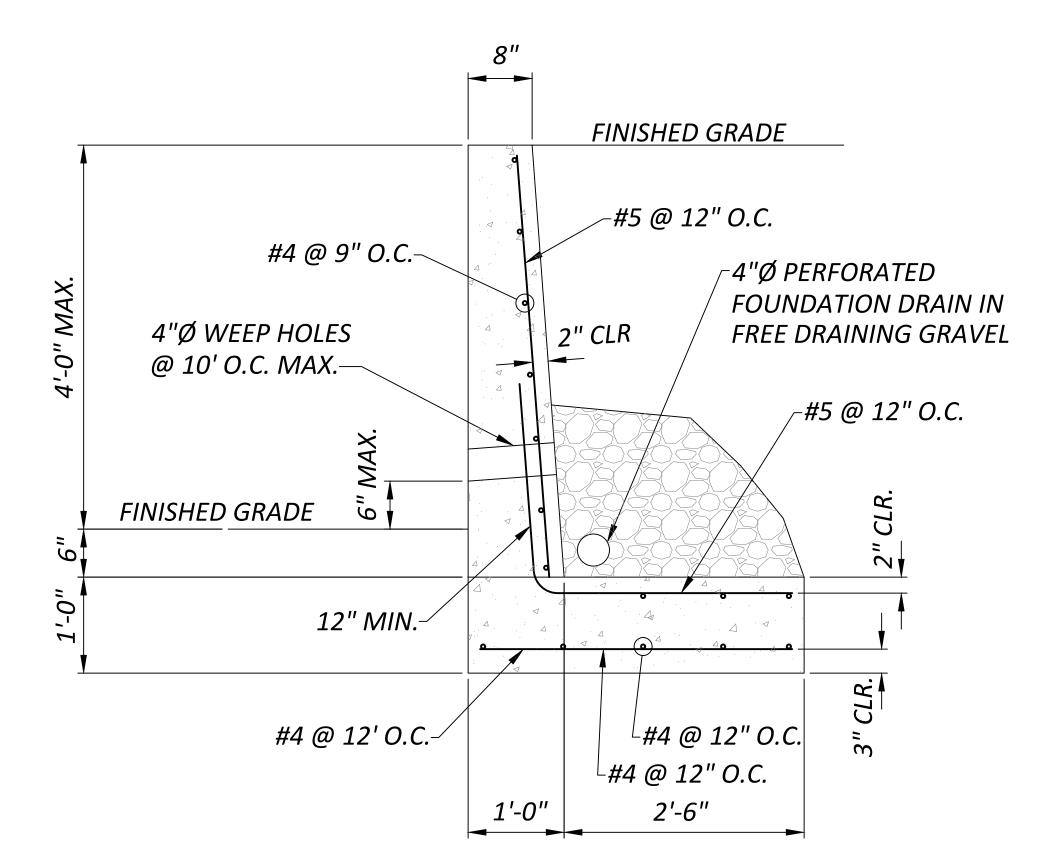


REVISIONS

CHECKED BY: 2025.05.13 TITLE: RETAINING WALL

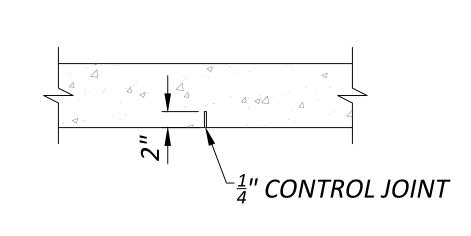
PROJECT#

S5.1

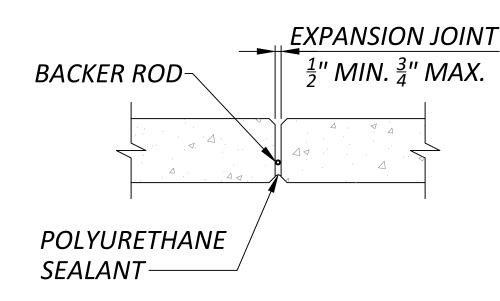


Provide a detail for the vertical posts used to support the handrail to nine footing depth and possible disturbance to underground utilities

6



CONTROL JOINT DETAIL



EXPANSION JOINT DETAIL

NOTES:

- RETAINING WALL CONCRETE SHALL BE 3,000 PSI MIX. (DESIGNED FOR 2,500 PSI SO NO TESTING IS REQUIRED)
- REINFORCING STEEL SHALL BE GRADE 60.
- STEM WALL CONTROL JOINTS SHALL BE INSTALLED @ 25' O.C. MAX.
- STEM WALL EXPANSION JOINTS SHALL BE INSTALLED @ 50' O.C. MAX.
- 5. FOOTING EXPANSION JOINTS SHALL BE INSTALLED @ 100' O.C. MAX. AND BE OFFSET AT LEAST 12" FROM STEM WALL **EXPANSION JOINTS.**
- 6. LAP SPLICES SHALL BE 42 BAR DIAMETERS LONG AND SHALL BE SPACED SO THAT HALF OR LESS OF THE TOTAL REINFORCEMENT IS SPLICED WITHIN THE REQUIRED LAP LENGTH.
- 7. ALL REINFORCING STEEL SHALL HAVE 3" MINIMUM CLEARANCE ON ALL SIDES AND BOTTOMS WHERE CONCRETE IS CAST AGAINST THE EARTH. ALL OTHER REINFORCING STALL SHALL HAVE 2" MINIMUM CLEARANCE ON ALL SIDES WHERE CONCRETE IS CAST AGAINST FORMS.
- 8. 4" PERFORATED FOUNDATION DRAIN SHALL DAYLIGHT AND DRAIN BELOW THE WALL AND BELOW THE LOWEST WALL WHERE WALLS ARE STACKED.
- RETAINING WALL FOOTINGS MUST BE PLACED ON COMPACTED EXISTING GRADE OR STRUCTURAL FILL WITH A MINIMUM SOIL BEARING OF 2,000 PSF. CONTRACTOR IS RESPONSIBLE FOR VERIFYING MINIMUM SOIL BEARING THROUGH A 3RD PARTY TESTING AGENCY.

Determine how the minimum soil bearing car portion of the wall is proposed on top of an existing DDCVA vault.

SPECIAL INSPECTIONS

SOILS (PER IBC 1705.6):

CONTINUOUS SPECIAL INSPECTION SHALL BE REQUIRED FOR MATERIAL, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED STRUCTURAL FILL

PERIODIC SPECIAL INSPECTION IS REQUIRED TO VERIFY SHALLOW FOUNDATIONS BEARING MATERIAL MEETS DESIGNED BEARING CAPACITY, VERIFYING EXCAVATION ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL, PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIAL AND TO INSPECT SUBGRADE MATERIAL PRIOR TO COMPACTED FILL PLACEMENT TO VERIFY THE SITE HAS BEEN PREPARED PROPERLY.

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permitee on site for inspection.

the Washington State Department of Labor & Industries. https://lni.wa.gov/licensing-permits/electrical/ electrical-permits-fees-and-inspections or call for Licensing Information: 1-800-647-0982

Separate Electrical Permit is required with