

CONSTRUCTION NOTES:

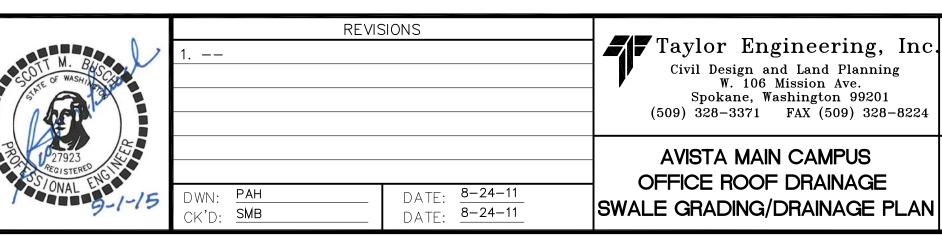
- 1. ALL MATERIALS, WORKMANSHIP, TESTING AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH WASHINGTON STATE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE & MUNICIPAL CONSTRUCTION, THE CITY OF SPOKANE STANDARDS, AND THE CITY OF SPOKANE GENERAL SPECIAL PROVISIONS FOR PRIVATE CONTRACTS.
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES AT POINTS OF CONNECTION AND CROSSINGS PRIOR TO CONSTRUCTION.
- 4. ALL STORM PIPING SHALL BE AS SPECIFIED ON THE PLANS. PVC PIPE (PVC) SHALL CONFORM TO ASTM D3034, SDR 35. DUCTILE IRON PIPE (D.I.) SHALL BE
- 5. LENGTHS FOR PIPING SHOWN ARE FROM CENTER OF CATCH BASIN OR DRYWELL. LENGTHS FOR PIPING SHOWN ARE FROM OUTSIDE EDGE OF STRUCTURE FOR LIFT
- 6. ALL STORM DRAIN CONNECTIONS SHALL BE MADE WITH WYES. CONTRACTOR SHALL PROVIDE EROSION PROTECTION, AS A MINIMUM, IN ACCORDANCE WITH THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN DEVELOPED FOR THIS PROJECT.
- 8. STORM LINE TRENCHING AND BACKFILL SHALL BE PER CITY OF SPOKANE STANDARD PLAN B-18C AND B-18D.
- 9. ALL ADJUSTMENT RINGS AND CASTINGS SHALL BE GROUTED ON ALL DRAINAGE STRUCTURES. CONTRACTOR SHALL GROUT AROUND ALL PIPES ENTERING AND EXISTING STRUCTURES. PIPING SHALL NOT EXTEND MORE THAN 6" BEYOND INTERIOR OF DRAINAGE STRUCTURES, UNLESS OTHERWISE NOTED.
- 10. ALL DRYWELLS IN SWALES SHALL HAVE A SLOTTED COVER, CONSISTENT WITH CITY OF SPOKANE STANDARD PLAN B-113, UNLESS OTHERWISE NOTED ON THE PLAN SHEET.
- 11. SITE EXCAVATION, INCLUDING ROCK CUTS AND REMOVAL, SHALL CONFORM TO SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENTS TO BE CONSTRUCTED ACCORDING TO THE APPLICABLE PARAGRAPHS OF SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EARTH EMBANKMENTS TO BE CONSTRUCTED USING METHOD B OF 2-03(14)C.
- 12. ALL FILL IN AREAS OUTSIDE OF BUILDING, PAVEMENT AND UTILITY TRENCHES SHALL BE COMPACTED IN MAXIMUM 8" LIFTS TO 92% OF MAXIMUM ASTM D1557 DRY DENSITY. PAVEMENT SUBGRADE SHALL BE COMPACTED TO 95%.
- 13. ALL APPROVALS AND PERMITS REQUIRED BY THE CITY OF SPOKANE SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. NO REVISIONS SHALL BE MADE TO THE APPROVED PLANS WITHOUT APPROVAL FROM THE CITY OF SPOKANE AND THE DESIGN ENGINEER OF RECORD.
- 14. STORMWATER FACILITIES, INCLUDING DRYWELLS, CB's, PIPES, AND INFILTRATION GALLERIES, MUST BE CONSTRUCTED UNDER THE SUPERVISION OF THE WASTEWATER MANAGEMENT DIVISION. STORMWATER TREATMENT FACILITIES (208 SWALES) SHALL BE INSPECTED PRIOR TO PLACEMENT OF TOPSOIL, PLANTINGS, OR GRASS. THE CONTRACTOR SHALL CONTACT THE WASTEWATER MAINTENANCE DIVISION OFFICE AT (509) 625-7905 OR (509) 625-7912 IN ORDER TO ARRANGE A MUTUALLY AGREEABLE INSPECTION SCHEDULE.
- 15. HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER AND SEWER LINES W-110, W-111, W-112 AND W-113.
- 16. THE STORM PIPING FOR THE ROOF DRAINS AROUND THE BUILDING AND DOWNSTREAM TO THE STORM MANHOLE NEAR THE SPOKANE RIVER ARE SHOWN PER THE GENERAL OFFICE BUILDING ADDITION PROJECT DATED MAY 1978 AND WERE NOT LOCATABLE. THE INVERT ELEVATION FOR THE PIPE AT THE MANHOLE BY THE RIVER IS 1894.27 PER THOSE DRAWINGS. THE INVERT ELEVATION FOR THIS PIPE, PER FIELD SURVEY, IS 1880.65. ELEVATIONS, WHERE PROVIDED ON THE 1978 PLANS. ARE SHOWN WITH THIS -13.62 ADJUSTMENT APPLIED FOR INFORMATIONAL PURPOSES. ELEVATION, DIAMETER AND LOCATION OF EXISTING STORM LINE AT CONNECTION POINT SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- 17. CONTRACTOR TO DYE TEST STORM LINE FROM OFFICE ROOF/PORTION OF PARKING AND POND DRAIN TO VERIFY EXISTING WYE CONNECTION IS UPSTREAM OF NEW MANHOLE INSTALLATION AND ALL INTENDED STORM DRAINAGE WILL BE INTERCEPTED. COORDINATE WITH OWNER AND/OR ENGINEER TO BE PRESENT
- 18. SEE LANDSCAPE PLANTING PLAN FOR ADDITIONAL DEMOLITION AND PLANTING IMPROVEMENT INFORMATION.

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. TAYLOR ENGINEERING, INC. MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED. ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

SURVEY CONTROL POINTS HORIZONTAL DATUM: ASSUMED COORDINATES VERTICAL DATUM: NAVD88

- + 101735 MAG NAIL, LOCATED NORTHEAST OF NORTHEAST CORNER OF AVISTA OFFICE BUILDING N=3932.53E=5630.77 EL=1895.61
- 8007 MAG NAIL, LOCATED SOUTH OF SOUTHEAST CORNER OF AVISTA OFFICE BUILDING NEAR SOUTH CURB OF ACCESS DRIVE. N=3723.30E=5539.33 EL=1891.50



SHEET SCALE: Civil Design and Land Planning W. 106 Mission Ave. 1"=20' Spokane, Washington 99201 (509) 328-3371 FAX (509) 328-8224

> AVISTA CORP. OFFICE ROOF DRAIN MAIN CAMPUS

: 11092MainOfficeRoofDrain