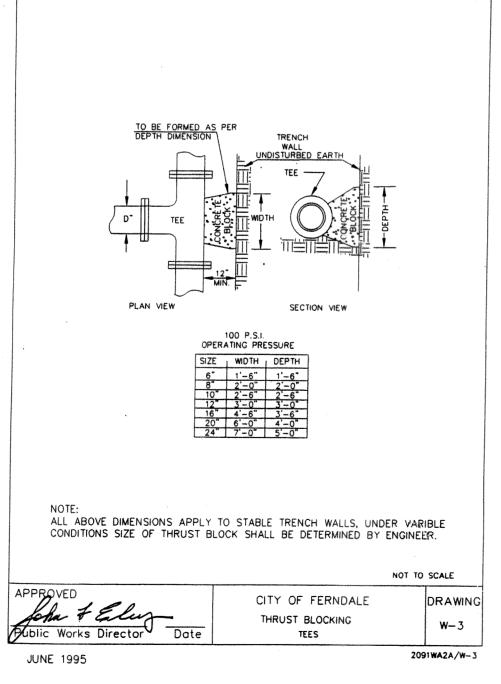
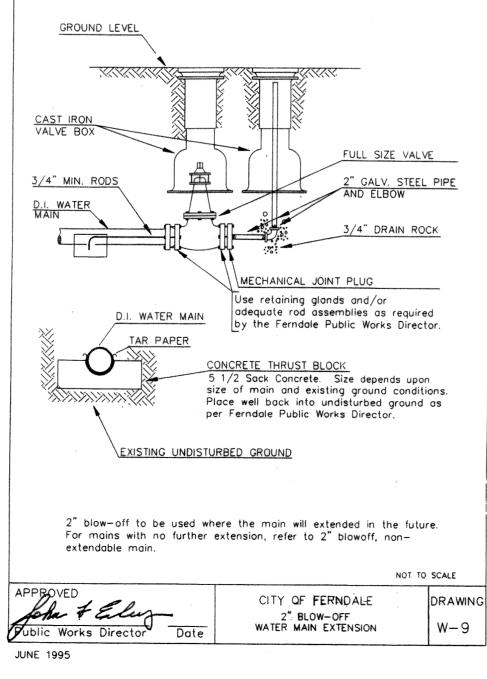


JUNE 1995





EROSION/SEDIMENTATION CONTROL NOTES

DURING THE TIME PERIOD OF OCTOBER 1 THROUGH APRIL 30, ALL PROJECT DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 2 DAYS SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING OR PLASTIC COVERING.

WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (E.G., ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 80 POUNDS PER ACRE).

WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES AND CRIMPED DOWN.

ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING 6 INCHES MUST HAVE A FENCE WITH A MINIMUM HEIGHT OF 3 FEET.

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF FERNDALE STANDARDS AND SPECIFICATIONS.

EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS IN THESE PLANS. LOCATIONS MAY BE MOVED TO SUIT FIELD CONDITIONS, SUBJECT TO APPROVAL BY THE ENGINEER AND THE INSPECTOR.

GENERAL NOTES

PAVEMENT

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH 1994 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION BY WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF FERNDALE.

CONTRACTOR WILL OBTAIN A PUBLIC WORKS PROJECT PERMIT, A REVOCABLE ENCROACHMENT PERMIT FOR WORK IN THE PUBLIC RIGHT OF WAY, AND ALL OTHER REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE CITY ENGINEER'S OFFICE PRIOR TO BEGINNING WORK. CONTRACTOR SHALL CONTACT THE OFFICE OF THE CITY ENGINEER 24 HOURS PRIOR TO COMMENCING WORK WITHIN THE CITY RIGHT-OF-WAY.

CONTRACTOR SHALL CONTACT THE CITY OF FERNDALE DEPARTMENT OF PUBLIC WORKS 24 HOURS IN ADVANCE OF ANY INSPECTIONS OUTLINED AS FOLLOWS:

2" BLOW OFF UPON PLACEMENT OF SEDIMENTATION AND EROSION CONTROL DEVICES.

WATER MAIN UNDERGROUND DRAINAGE: UPON PLACEMENT OF PIPE AND PRIOR TO BACKFILLING.

DURING PLACEMENT OF BACKFILL. **GENERAL ROADWAY:**

UPON COMPLETION OF UNDERGROUND UTILITIES AND SUBGRADE INCLUDING GRAVEL BALLAST. UPON COMPLETION OF BASE COURSE AND CURBING. UPON PLACEMENT OF CRUSHED SURFACING COURSE, PRIOR TO PLACEMENT OF ANY

DURING PLACEMENT OF ASPHALT PAVEMENT. OVERALL INSPECTIONS OF SHOULDERS, SIDEWALKS, DITCHES, MONUMENTS, DRAINAGE PIPES, STORM INLETS, FINAL SITE GRADING AND CLEAN-UP.

END OF MAINTENANCE PERIOD PRIOR TO RELEASE OF SECURITY DEPOSIT. ALL WORK WITHIN THE RIGHT OF WAY MUST BE INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF FERNDALE ENGINEERING DIVISION AND 24 HOURS NOTICE

CONTRACTOR SHALL RESTORE ALL PUBLIC AND PRIVATE PROPERTY DISRUPTED BY THE

MUST BE GIVEN PRIOR TO STARTING WORK OR TO SCHEDULE INSPECTIONS.

ALL CUT AND BACKFILL SLOPES SHALL BE SEEDED AND FERTILIZED FOR EROSION CONTROL CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FIRMLY

CONTRACTOR SHALL INSTITUTE PRACTICES FOR PREVENTION OF EROSION DURING CONSTRUCTION. EROSION CONTROL WORK SHALL CONFORM TO THE REQUIREMENTS OF SECTION 8.01 OF THE 1994 STANDARD SPECIFICATIONS AND CHAPTER 11 OF THE FERNDALE

CONTRACTOR SHALL SUBMIT A LIST OF ITEM COSTS TO THE CITY ENGINEER COVERING ALL COSTS OF CONSTRUCTION AND SUBMIT A TWO-YEAR MAINTENANCE BOND COVERING DEFECTS IN MATERIALS AND WORKMANSHIP PRIOR TO CITY ACCEPTANCE OF THE PROJECT.

CONTRACTOR SHALL INFORM THE ENGINEER OF ANY PROPOSED CHANGES IN PLAN PRIOR TO CONSTRUCTION OF THAT CHANGE. CONTRACTOR SHALL MAINTAIN RECORDS OF ANY DEVIATIONS AND FORWARD TO ENGINEER. ENGINEER SHALL PROVIDE CITY WITH A CERTIFIED AS-BUILT MYLAR AT THE COMPLETION OF THE PROJECT.

CONTRACTOR SHALL CONTACT UTILITIES COORDINATING 48 HOURS IN ADVANCE OF (1-800-424-5555).

ALL COMPACTION TESTING REQUIRED DURING THIS CONSTRUCTION PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR SUBGRADE MUST BE CERTIFIED BY THE ENGINEER

ALL LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE TRUE AND CORRECT LOCATION.

A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

WATER MAIN & APPURTENANCES

ALL 6" AND 8" DIAMETER WATER MAIN SHALL BE OF AWWA STANDARDS H3-71, C151-71 AND CEMENT LINING C104-71, AND SHALL BE CLASS 50 DUCTILE IRON PIPE. ALL FITTINGS SHALL BE CLASS 150 AND SHALL CONFORM TO AWWA SPECIFICATION C-110-71 AND C-104-71. INSTALLATION SHALL CONFORM TO THE MANUFACTURERS INSTRUCTIONS AND THE REQUIREMENTS OF THE CITY OF FERNDALE.

PIPE LAYING SHALL MEET THE REQUIREMENTS OF SECTION 7-11 OF THE STANDARD SPECIFICATIONS.

CONNECTION TO THE EXISTING WATER MAIN SHALL BE BY LIVE TAP AFTER SATISFACTORY COMPLETION OF PRESSURE AND SANITARY TESTING. CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER AND THE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION TIME AT LEAST FOUR WORKING DAYS IN ADVANCE.

TRENCH BACKFILL UNDER ROADWAY AND SHOULDER SHALL BE BANK RUN GRAVEL COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST. TRENCH BACKFILL OUTSIDE OF ROADWAY SECTIONS MAY BE NATIVE MATERIAL COMPACTED TO 85% MAXIMUM DRY DENSITY. MINIMUM COVER SHALL BE 42 INCHES.

CONCRETE THRUST BLOCKING SHALL BE AS SPECIFIED IN CITY OF FERNDALE STANDARD PLAN NO. W-2 THROUGH W-4, OR AS DIRECTED BY THE PROJECT ENGINEER. BLOCKS SHALL BE INSTALLED AS SPECIFIED IN SECTION 7-11.3(13) OF THE STANDARD SPECIFICATIONS. NO PRECAST BLOCKS ARE ALLOWED.

CONTRACTOR SHALL CONFER WITH THE CITY ENGINEER REGARDING METHOD OF FILLING AND PRESSURE TESTING PIPE PRIOR TO CONSTRUCTION. TEST PRESSURE SHALL BE A MINIMUM OF UNDER THE SUPERVISION OF THE CITY ENGINEER. THE PRESSURE TEST MANIFOLD SHALL BE ACCORDING TO CITY OF FERNDALE STANDARD PLAN.

GATE VALVES SHALL BE AWWA APPROVED FOR PRESSURE CLASS 150 AND SHALL BE IRON-BODY, FULL-BRONZE MOUNTED, RESILIENT SEATED. CAST IRON VALVE BOXES SHALL BE IN ACCORDANCE WITH APWA STANDARD C509.

BLOW-OFFS SHALL BE IN ACCORDANCE WITH FERNDALE STANDARD PLAN W-9 OR W-10 AND SHALL BE WITHIN THE RIGHT OF WAY.

WATER MAIN EASEMENTS SHALL BE STAKED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL CONTACT THE ENGINEER AT THE TIME OF WATER SERVICE INSTALLATION IN ORDER THAT STATIONING OF CORPORATION STOPS CAN BE RECORDED. LOCATIONS OF WATER MAINS, BENDS, FITTINGS, VALVES, HYDRANTS, WATER SERVICES ETC. SHALL BE NOTED ON THE AS-BUILT PLAN IN ACCORDANCE WITH CITY REQUIREMENTS.

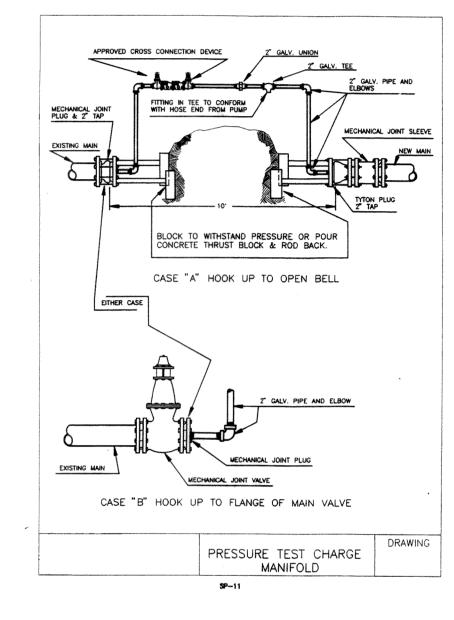
FIRE HYDRANT SHALL BE 6" (5-1/4" MVO) WITH DOUBLE HOSE AND SINGLE PUMPER OUTLETS FITTED WITH STORZ ADAPTERS. HYDRANTS SHALL COMPLY WITH CITY OF FERNDALE SPECIFICATIONS, CHAPTER 705. INSTALLATIONS SHALL CONFORM TO CITY STANDARD PLAN W-1. CONTRACTOR SHALL PLACE HYDRANT EXTENDERS AS NECESSARY TO BRING BASE FLANGE

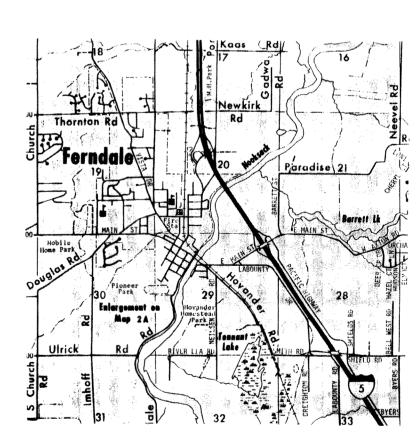
WATER SERVICES AS REQUIRED SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FERNDALE STANDARD PLAN W-5, W-6 AND W-14. WATER SERVICE METER ASSEMBLIES, METER BOXES AND INSTALLATION SHALL CONFORM TO CITY OF FERNDALE REQUIREMENTS. METERS SHALL BE INSTALLED BY THE CITY AND PAID FOR BY THE DEVELOPER.

ALL WATER SERVICE CONNECTION FEES SHALL BE PAID IN ADVANCE. SERVICES LINES TO THE METERS SHALL BE INSTALLED BY THE CONTRACTOR TO THE PUBLIC RIGHT OF WAY AND SERVICE LINES BEYOND THIS POINT TO BE INSTALLED BY THE LOT OWNERS. WHEN LOCATOR BOARDS ARE INSTALLED TO MARK SERVICE LINES, THEY SHALL BE PAINTED BLUE.

CONTRACTOR TO PROVIDE WATER SHUTOFF NOTIFICATION & VERIFICATION PLAN PRIOR TO CONSTRUCTION.

SHOULDER REPLACED W/3" CRUSHED BOOK SLIRFACE

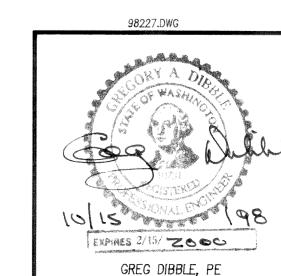




AS-BUILT:

AS-BUILT PLAN INFORMATION IS SHOWN IN HAND-LETTERING. FIELD DATA HAS BEEN PROVIDED BY THE CONTRACTOR. THESE DRAWINGS REFLECT THE WORK REPRESENTED TO ME AS HAVING BEEN CONSTRUCTED, INCLUDING MODIFICATIONS. THIS WORK MEETS THE INTENT AND PERFORMANCE STANDARDS OF THE ORIGINAL DESIGN.

BY: LARRY & OHNSON KE



SCALE: 1" = 50'DRAWN: LPJ JOB: 98 227 SHEET:

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REVISIONS

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