

# NANCY WHITE FOUR OAKS SUBDIVISION

SECTION: 19, T 3 N, R 11 E,  
CITY OF WHITE SALMON  
Klickitat County, Washington

NEW	LEGEND	EXISTING
NEW 8" PVC WATER LINE	WATER LINE	EXISTING WATERLINE
NEW 8" PVC SEWER LINE	SEWER LINE	EXISTING 8" SEWER
NEW 12" STORM LINE	STORM DRAIN LINE	
■	CATCH BASIN	□
●	STORM MANHOLE	⊙
⊙	SEWER MANHOLE	⊗
⊗	WATER VALVE	
⊕	WATER METER	
⊕	FIRE HYDRANT	
⊕	UTILITY POLE	⊕
⊕	ELECTRICAL VAULT	⊕
⊕	UNDERGROUND POWER	UG POWER
⊕	UNDERGROUND TELEPHONE	UG TELEPHONE
⊕	GAS	
■	ASPHALT STREET	■
■	SIDEWALK	■

**SHEET INDEX**

GENERAL

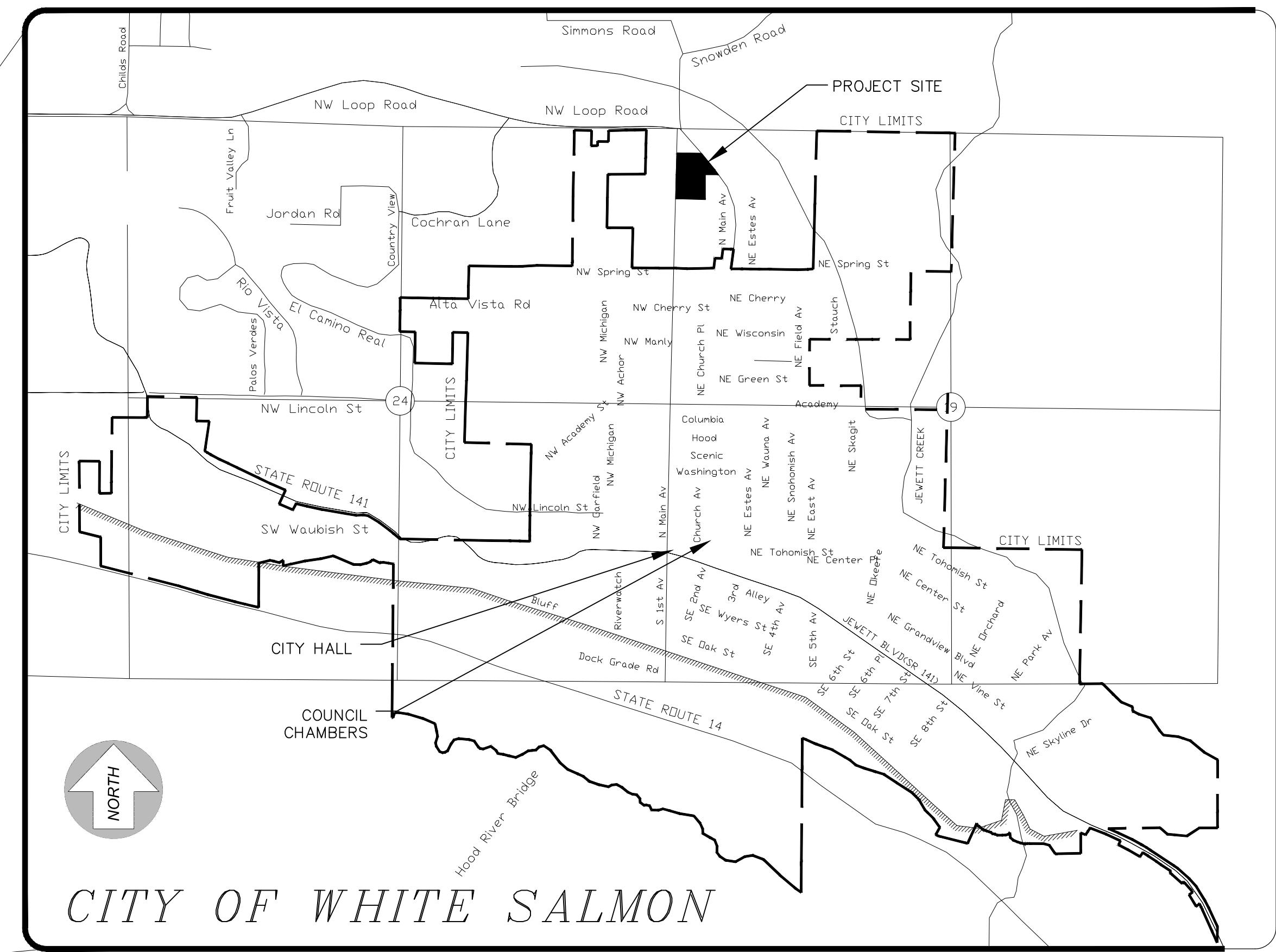
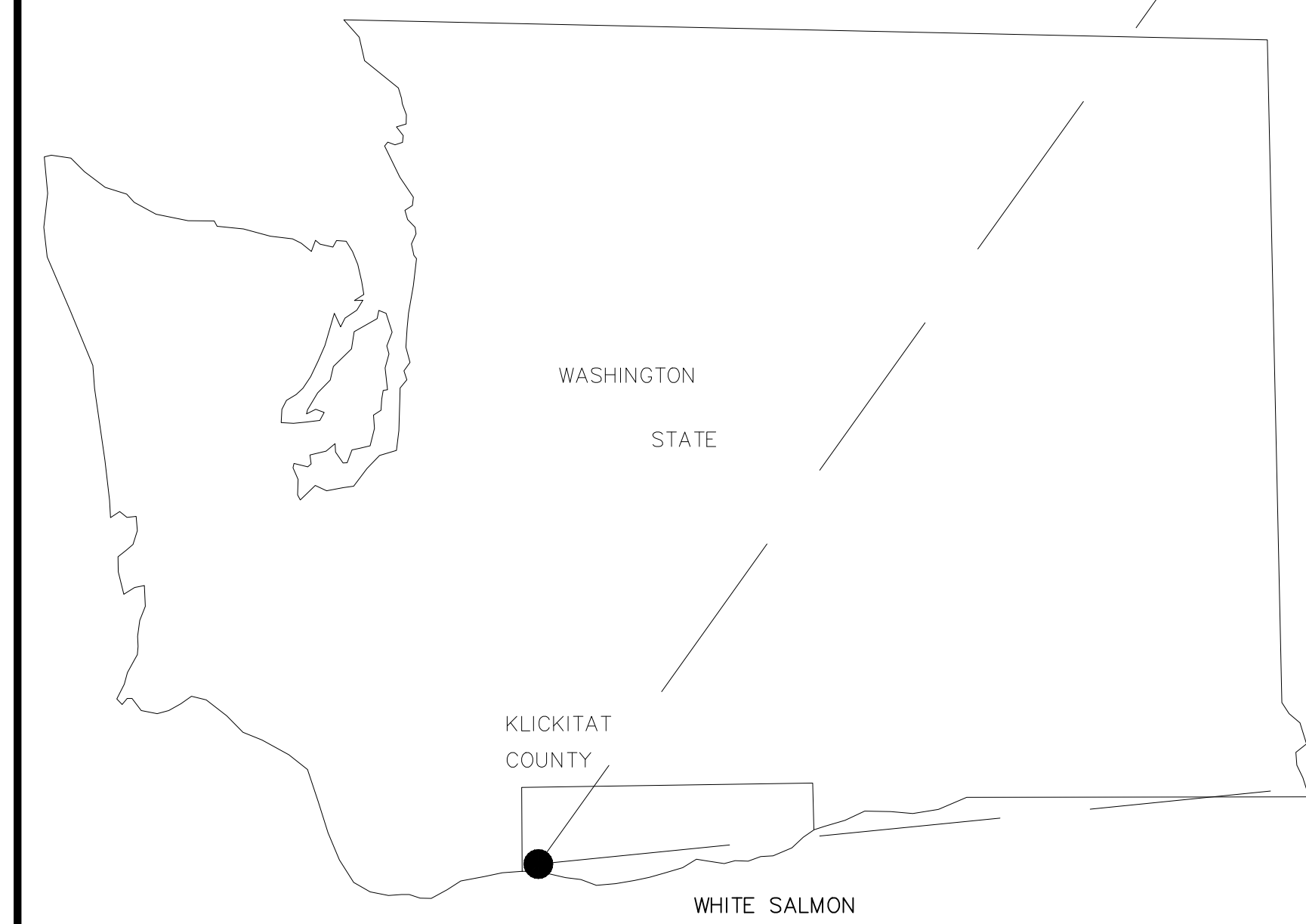
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**SPECIFICATIONS**

ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, THE CURRENT EDITION OF THE WSDOT STANDARD PLANS AND THE CITY OF WHITE SALMON STANDARDS.

**UTILITY STATEMENT**

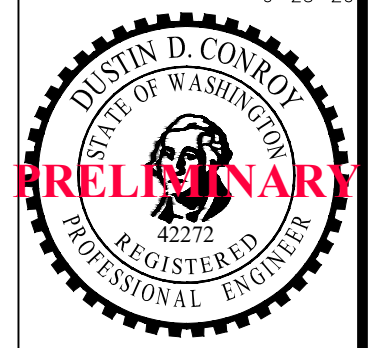
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, DOES NOT WARRANT THAT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



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NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
COVER SHEET

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SCALE: AS NOTED  
JOB NO. REV.  
19-XX 0

**GENERAL NOTES:**

- A) CONTRACTOR SHALL SECURE AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY. OWNER TO PAY ALL PROJECT PERMIT COSTS. CONTRACTOR SHALL PROVIDE OWNER 48 HOURS NOTICE PRIOR TO REQUIRING PAYMENT FOR PERMITS.
B) CONTRACTOR TO PAY ALL PROJECT UTILITY TAPPING, TV, AND CHLORINATION COSTS. COST FOR RETESTING SHALL BE BORNE BY THE CONTRACTOR. CONTRACTOR SHALL COORDINATE AND PAY ALL COSTS ASSOCIATED WITH CONNECTING TO EXISTING WATER, SANITARY SEWER AND STORM SEWER FACILITIES.
C) CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION.
D) ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION, INCLUDING BUT NOT LIMITED TO THE CITY, KICKAPAT COUNTY HEALTH DEPARTMENT, WASHINGTON DEPARTMENT OF ECOLOGY (DOE), WASHINGTON DEPARTMENT OF HEALTH (DOH) AND THE WASHINGTON DEPARTMENT OF ECOLOGY (DOE).
E) UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 AM. AND 6:00 P.M., MONDAY THROUGH FRIDAY.
F) THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT.
G) THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START OF CONSTRUCTION AND COMPLY WITH ALL OTHER REQUIREMENTS OF RCW 19.122.
H) ANY INSPECTION BY THE CITY OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT CONFORMANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES AND AGENCY REQUIREMENTS.
I) CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER CITY REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AND/OR WASHINGTON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY.
J) CONTRACTOR SHALL BE LICENSED WITH THE CONSTRUCTION CONTRACTOR BOARD.
K) ELEVATIONS ARE BASED ON AN ASSUMED DATUM.
L) A PRE-CONSTRUCTION MEETING WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION. THE MEETING SHALL INCLUDE AT LEAST THE CONTRACTOR, CITY ENGINEER, AND CITY DEVELOPMENT INSPECTOR. IT IS RECOMMENDED THAT THE DEVELOPER/PROPERTY OWNER, AND PROJECT ENGINEER/MANAGER BE PRESENT AS WELL.

**EXISTING UTILITIES & FACILITIES:**

- A) THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SITE AT ALL TIMES WHEREON HE WILL RECORD ANY APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS, AS WELL AS THE STATION LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ENCOUNTERED. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE CITY UPON REQUEST. FAILURE TO CONFORM TO THIS REQUIREMENT MAY RESULT IN DELAY OF PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
B) UPON COMPLETION OF CONSTRUCTION OF ALL NEW FACILITIES, CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD DRAWINGS CONTAINING ALL AS-BUILT DRAWINGS TO THE ENGINEER FOR USE IN THE PREPARATION OF AS-BUILT DRAWINGS FOR SUBMITTAL TO THE CITY AND OWNER. ALL INFORMATION SHOWN ON THE CONTRACTORS FIELD RECORD DRAWINGS SHALL BE SUBJECT TO VERIFICATION BY THE ENGINEER. IF SIGNIFICANT ERRORS OR DEVIATIONS ARE NOTED BY THE ENGINEER, AN AS-BUILT SURVEY PREPARED AND STAMPED BY A REGISTERED PROFESSIONAL LAND SURVEYOR AND/OR QUALIFIED ENGINEER SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
C) THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWING, ARE COMPLETED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
D) THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTORS EXPENSE.
E) CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS. CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER, AND THE DESIGN ENGINEER SHALL OBTAIN APPROVAL FROM THE CITY ENGINEER PRIOR TO CONSTRUCTION. ALL UTILITY CROSSINGS SHALL BE POTHOLED AS NECESSARY PRIOR TO EXCAVATING OR BORING TO ALLOW THE CONTRACTOR TO PREVENT GRADE OR ALIGNMENT CONFLICTS.
F) ALL FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO LEAVE EXISTING FACILITIES IN AN EQUAL OR BETTER-THAN-ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY ENGINEER.
G) UTILITIES OR INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES IN A METHOD APPROVED BY THE CITY.
H) CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES (POSTAL SERVICE NOTIFICATION REQUIRED), FENCES, LANDSCAPING, ETC., AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING OR BETTER CONDITION.
I) ANY SEPTIC TANKS ENCOUNTERED DURING CONSTRUCTION SHALL BE PUMPED OUT, CONTRACTOR SHALL BREAK BOTTOM OF TANK OUT AND BACKFILL WITH FEA GRAVEL UNLESS OTHERWISE REQUIRED BY PUBLIC AGENCIES HAVING JURISDICTION. SEPTIC TANK REMOVAL TO BE IN ACCORDANCE WITH SANITARIAN REQUIREMENTS.
J) ANY WELLS ENCOUNTERED SHALL BE ABANDONED PER STATE REQUIREMENTS.
K) ANY FUEL TANKS ENCOUNTERED SHALL BE REMOVED AND DISPOSED OF PER STATE REQUIREMENTS. BACKFILL WITH COMPACTED GRANULAR MATERIAL.
L) CONTRACTOR SHALL COORDINATE AND PAY ALL COSTS ASSOCIATED WITH REMOVING OR ABANDONING ANY SEPTIC TANKS, WELLS (INCLUDING BOREHOLE PIEZOMETERS) AND FUEL TANKS ENCOUNTERED AS PER REGULATING AGENCY REQUIREMENTS. WHEN SHOWN ON THE DRAWINGS, THESE STRUCTURES SHALL BE REMOVED OR ABANDONED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY UPON DISCOVERY OF ANY SEPTIC TANKS, WELLS OR FUEL TANKS NOT SHOWN ON THE DRAWINGS, AND OBTAIN CONCURRENCE FROM THE OWNER PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A DETAILED COST BREAKDOWN OF ALL WORK RELATED TO REMOVING ABANDONING SAID STRUCTURES. THE CONTRACTOR BE REIMBURSED ON A TIME & MATERIALS BASIS OR AT A NEGOTIATED PRICE AS AGREED TO BY THE OWNER.
M) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.

**CURBS & SIDEWALKS:**

- A) UNLESS OTHERWISE SHOWN OR INDICATED ON THE DRAWINGS, 6-INCHES NOMINAL CURB EXPOSURE USED FOR DESIGN OF ALL PARKING LOT AND STREET GRADES.
B) CONTRACTOR SHALL CONSTRUCT HANDICAP ACCESS RAMPS AT ALL INTERSECTIONS IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
C) SIDEWALK TO BE INSTALLED AS INDIVIDUAL LOTS ARE DEVELOPED.
D) SIDEWALKS SHALL BE A MINIMUM OF 4-INCHES THICK AND STANDARD DRIVEWAYS SHALL BE A MINIMUM OF 6-INCHES THICK. COMMERCIAL USE DRIVEWAYS AND ALLEY APPROACHES SHALL BE MINIMUM 8-INCHES THICK. ALL CURBS, SIDEWALKS AND DRIVEWAYS SHALL BE CONSTRUCTED USING 3300 PSI CONCRETE WITH TYPE 1 OR TYPE 1D CLEAR CURING COMPOUND.
E) WHEN TRENCH EXCAVATION REQUIRES REMOVAL OF PCC CURBS AND/OR SIDEWALKS, THE CURBS AND/OR SIDEWALKS SHALL BE SAWCUT AND REMOVED AT A TOOLED JOINT UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY. THE SAWCUT LINES SHOWN ON DRAWINGS ARE SCHEMATIC AND NOT INTENDED TO SHOW THE EXACT ALIGNMENT OF SUCH CUTS.

**GRADING, PAVING & DRAINAGE:**

- A) UNLESS OTHERWISE NOTED, ALL GRADING, ROCKING AND PAVING TO CONFORM TO WSDOT STANDARD SPECIFICATIONS AS AMENDED BY THE CITY, CURRENT EDITION.
B) CLEAR AND GRUB WITHIN WORK LIMITS ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ECT. DO NOT DAMAGE OR REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER SHOWN ON THE DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER.
C) STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER, WHICH CANNOT BE COMPACTED INTO A STABLE MASS. ALL TREES, BRUSH AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE.
D) IMMEDIATELY FOLLOWING STRIPPING OPERATIONS, COMPACT SUBGRADE TO 95% WITHIN PAVED AREAS (90% IN OTHER AREAS) OF THE MAXIMUM DRY DENSITY PER ASTM D-698 TEST METHOD (STANDARD PROCTOR). SUBGRADES MUST BE INSPECTED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING EMBANKMENTS, ENGINEERED FILLS OR FINE GRADING FOR BASE ROCK. CITY TO INSPECT WORK PERFORMED WITHIN R.O.W.
E) ALL FILLS SHALL BE ENGINEERED EXCEPT FOR FILLS LESS THAN 18-INCHES IN DEPTH WHICH ARE LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY, BUILDING PADS, PARKING LOTS OR OTHER AREAS TO BE IMPROVED. ENGINEERED FILLS SHALL BE CONSTRUCTED IN 6" LIFTS OVER APPROVED SUBGRADES. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-698 TEST METHOD (STANDARD PROCTOR)(90% ASTM D-698 FOR ALL OTHER AREAS).
F) CRUSHED ROCK SHALL CONFORM TO SECTION 00641 (AGGREGATE SUBBASE, BASE, AND SHOULDERS) WSDOT STANDARD SPECIFICATIONS AS AMENDED BY THE CITY. COMPACT TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-698 TEST METHOD (STANDARD PROCTOR). WRITTEN COMPACTION TEST RESULTS FROM AN INDEPENDENT TESTING LABORATORY BE RECEIVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING A.C. PAVEMENT.
G) ASPHALT CONCRETE PAVEMENT SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS FOR COMMERCIAL HMA AS AMENDED BY THE CITY.
H) G.) UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR FINISH CONTOUR LINES SHOWN.
I) FINISH PAVEMENT GRADES AT TRANSITION IN EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR BE FEATHERED FAST JOINTS WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINING SURFACE.
J) ALL EXISTING OR CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADES OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA OR MEDIAN STRIP WHEREIN THEY LIE. VERIFY THAT ALL VALVE BOXES AND RISERS ARE CLEAN AND CENTERED OVER THE OPERATION NUT. ADJUSTMENT AFTER PLACEMENT OF FINAL WEARING SURFACE WILL NOT BE ALLOWED.
K) UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 2H:1V.
L) CONTRACTOR SHALL SEED AND MULCH ALL EXPOSED SLOPES AND DISTURBED AREA, WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.
M) CDF BACKFILL WILL BE REQUIRED IN ALL STREET CUTS AND TRENCHES LOCATED IN SIMCOE DRIVE AS IT IS A CITY STREET.

**TESTING AND INSPECTION**

- A) THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE COMPLETED BY THE OWNER'S AUTHORIZED INSPECTORS PRIOR TO PROCEEDING WITH SUBSEQUENT WORK WHICH COVERS OR THAT IS DEPENDENT ON THE WORK TO BE INSPECTED. FAILURE TO OBTAIN NECESSARY INSPECTION(S) AND APPROVAL(S) SHALL RESULT IN THE CONTRACTOR BEING FULLY RESPONSIBLE FOR ALL PROBLEMS ARISING FROM UNSPECTED WORK.
B) UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TABLE OUTLINES THE MINIMUM TESTING SCHEDULE FOR THE PROJECT. THIS TESTING SCHEDULE IS NOT COMPLETE, AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING ALL NECESSARY INSPECTIONS FOR ALL WORK PERFORMED, REGARDLESS OF WHO IS RESPONSIBLE FOR PAYMENT.

REQUIRED TESTING AND FREQUENCY table with columns: Test Name, Frequency, Party Responsible (Contractor, Others), and for payment (Contractor, Others). Rows include Streets, Parking Lots, Pads, Fills, Etc.; Subgrade; Baserock; Asphalt; Piped Utilities, All; Trench Backfill; Water; Pressure; Bacterial Water Test; Chlorine Residual Test; Sanitary Sewer; Air Test; Mandrel; TV Inspection; Manhole or Approving Agency; Storm; Mandrel; TV Inspection.

NOTE 1: OTHERS REFERS TO OWNER, ENGINEER OR APPRASING AGENCY AS APPLICABLE. CONTRACTOR RESPONSIBLE FOR SCHEDULING TESTING. ALL TESTING MUST BE COMPLETED PRIOR TO PERFORMING SUBSEQUENT WORK.
NOTE 2: TESTING MUST BE PERFORMED BY ON APPROVED INDEPENDENT TESTING AGENCY.
NOTE 3: IN ADDITION TO IN PLACE DENSITY TESTING, THE SUBGRADE AND BASEROCK SHALL BE PROOF-ROLLED WITH A LOADED 10 YARD DUMP TRUCK PROVIDED BY THE CONTRACTOR. LOCATION AND PATTERN OF PROOF-ROLL TO BE AS DIRECTED BY THE OWNERS AUTHORIZED REPRESENTATIVE.
NOTE 4: CONTRACTOR MAY USE HYDROSTATIC TESTING IN LIEU OF VACUUM AND AIR TESTING.

**PIPED UTILITIES:**

- A) ALL TAPPING OF EXISTING MUNICIPAL SANITARY SEWER, STORM DRAIN MAINS, AND MANHOLES MUST BE DONE BY CONTRACTOR FORCES.
B) UNDER FUTURE STREETS OR SIDEWALKS, USE CLASS "B" (3/4" MINUS AGGREGATE) BACKFILL FROM 6" BELOW PIPE TO SUBGRADE WHERE DEPTH OF COVER IS BETWEEN 2 AND 3 FEET AND WELL-GRADED CLASS A (NATIVE MATERIAL - ONLY ALLOWED WITHIN PUBLIC R.O.W. IF APPROVED BY THE CITY) ELSEWHERE. ROCKS NOT EXCEEDING 6 INCHES IN GREATEST DIMENSION, WHICH ORIGINATE FROM THE TRENCH, WILL BE PERMITTED IN THE BACKFILL FROM 1 FOOT ABOVE THE TOP OF ANY PIPE TO 1 FOOT BELOW SUBGRADE. WHEN THE TRENCH IS WIDER THAN 3 FEET, ROCKS NOT EXCEEDING 6 INCHES IN GREATEST DIMENSION, WHICH ORIGINATE FROM THE TRENCH, WILL BE PERMITTED IN THE BACKFILL FROM 1 FOOT ABOVE THE TOP OF ANY PIPE OR BOX TO 5 FEET BELOW THE FINISHED SURFACE. ROCKS GREATER THAN 2 1/2 INCHES IN ANY DIMENSION WILL NOT BE PERMITTED IN BACKFILL PLACED WITHIN 1 FOOT OF SUBGRADE. WHERE ROCKS ARE INCLUDED IN THE BACKFILL, THEY SHALL BE MIXED WITH SUITABLE EXCAVATED MATERIALS SO AS TO ELIMINATE VOIDS. SUBJECT TO THE PROVISIONS SPECIFIED HEREIN, THE MATERIAL OBTAINED FROM PROJECT EXCAVATIONS MAY BE USED AS BACKFILL PROVIDED THAT ALL ORGANIC MATERIAL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIALS ARE FIRST REMOVED.
C) CONTRACTOR SHALL ARRANGE TO ABANDON EXISTING SEWER AND SERVICE LINES NOT SCHEDULED TO REMAIN IN SERVICE IN ACCORDANCE WITH APPROVING AGENCY REQUIREMENTS.
D) ALL PIPED UTILITIES ABANDONED IN PLACE SHALL HAVE ALL OPENINGS CLOSED WITH CONCRETE PLUGS WITH A MINIMUM LENGTH EQUAL TO 2 TIMES THE DIAMETER OF THE ABANDONED PIPE.
E) THE END OF ALL UTILITY STUBS SHALL BE MARKED WITH A 2X4 COLOR CODED AND WIRED TO PIPE STUB.
F) ALL NON-METALLIC WATER, SANITARY AND STORM SEWER PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GAUGE COPPER TRACER WIRE THE FULL LENGTH OF THE INSTALLED PIPE USING BLUE WIRE FOR WATER AND GREEN FOR STORM AND SANITARY PIPING. TRACER WIRE SHALL BE EXTENDED UP INTO ALL VALVE BOXES, CLEAN-OUTS, MANHOLES AND CATCH BASINS. TRACER WIRE PENETRATIONS INTO MANHOLES SHALL BE WITHIN 18 INCHES OF THE RIM ELEVATION AND ADJACENT TO MANHOLE STEPS. THE TRACER WIRE SHALL BE TIED TO THE TOP MANHOLE STEP OR OTHERWISE SUPPORTED TO ALLOW RETRIEVAL FROM THE OUTSIDE OF THE MANHOLE. USE WATERPROOF FITTINGS AT ALL CONNECTIONS.
G) NO TRENCHES IN ROADS OR DRIVEWAYS SHALL BE LEFT IN AN OPEN CONDITION OVERNIGHT. ALL SUCH TRENCHES SHALL BE CLOSED BEFORE THE END OF EACH WORK DAY AND NORMAL TRAFFIC FLOWS RESTORED.
H) SANITARY SEWER LATERALS TO BE RUN TO EDGE OF R.O.W. AT 1/4" PER 12" SLOPE. LATERALS TO BE INSTALLED DOWNSTREAM OF MAINLINE CLEAN OUTS AND/OR MANHOLES. ALL CATCH BASINS TO HAVE 8" PVC SDR-35 LATERALS. CATCH BASIN LOCATION MAY BE MODIFIED TO ACCOMMODATE LOW SPOTS CREATED DURING CONSTRUCTION. ENGINEER AND/OR CITY PROJECT MANAGER MAY REQUIRE ADDITIONAL CATCH BASINS TO BE PLACED AT LOW SPOTS CREATED DURING CONSTRUCTION.
I) CONTRACTOR TO MAKE MINOR ADJUSTMENT TO SERVICE LOCATIONS, WHERE NECESSARY, TO AVOID CONFLICT. MAINTAIN 6' MINIMUM SEPARATION BETWEEN STORM AND SANITARY AND 10' MIN. SEPARATION BETWEEN SANITARY AND WATER, 1' TO MANHOLES OR CATCH BASINS AND 5' BETWEEN MANHOLES AND CATCH BASINS. MAINTAIN 1' VERTICAL AND 2' HORIZONTAL SEPARATION BETWEEN CITY AND PRIVATE FRANCHISE UTILITY SERVICES AND 2' HORIZONTAL SEPARATION BETWEEN CITY UTILITIES IN A COMMON TRENCH.

**WATER SYSTEM: GOLDENDALE**

- A) CITY FORCES TO OPERATE ALL VALVES INCLUDING FIRE HYDRANTS ON EXISTING PUBLIC MAINS.
B) ALL WATER MAINS SHALL BE PVC C-900, DR-18. ALL FITTINGS 4-INCHES THROUGH 24-INCHES IN DIAMETER SHALL BE DI IN CONFORMANCE WITH THE WSDOT STANDARD SPECIFICATIONS. THE MINIMUM WORKING PRESSURE FOR ALL MJ CAST IRON OR DUCTILE IRON FITTINGS 4-INCHES THROUGH 24-INCH IN DIAMETER SHALL BE 350 PSI FOR MJ FITTING AND 250 PSI FOR FLANGED FITTINGS.
C) MATERIALS THAT COME INTO CONTACT WITH POTABLE WATER SHALL MEET NATIONAL SANITATION FOUNDATION STANDARD 61, SECTION 9 REQUIREMENTS.
D) ALL WATER MAINS TO BE INSTALLED WITH A MINIMUM 36 INCH COVER TO FINISH GRADE UNLESS OTHERWISE NOTED OR DIRECTED. SERVICE LINE TO BE INSTALLED WITH A MINIMUM 24 INCH COVER. DEEPER DEPTHS MAY BE REQUIRED AS SHOWN ON THE DRAWINGS OR TO AVOID OBSTRUCTIONS.
E) UNLESS OTHERWISE SHOWN OR APPROVED BY THE ENGINEER, ALL VALVES SHALL BE FLANGE CONNECTED TO ADJACENT TEES OR CROSSES.
F) WATER SERVICE PIPE ON THE PUBLIC SIDE OF THE METER SHALL BE AS SHOWN IN THE WATER SERVICE DETAIL.
G) ALL CONNECTIONS INTO EXISTING WATERLINE ARE TO BE DONE BY PUD APPROVED CONTRACTOR. SUBMIT NAME, QUALIFICATIONS AND MATERIAL SPECIFICATIONS TO PUD FOR REVIEW AND APPROVAL A MINIMUM OF 1 WEEK IN ADVANCE OF WORK.
H) CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT AND MATERIALS (INCLUDING PLUGS, BLOWOFFS, VALVES, SERVICE TAPS, ETC.) REQUIRED TO FLUSH, TEST AND DISINFECT WATERLINES PER PUBLIC AGENCY REQUIREMENTS. PRESSURE TESTING SHALL BE DONE IN CONFORMANCE WITH THE WSDOT STANDARD SPECIFICATIONS.
I) THE WORK SHALL BE PERFORMED IN A MANNER DESIGNATED TO MAINTAIN WATER SERVICE TO RESIDENCES SUPPLIED FROM THE EXISTING WATERLINES. IN NO CASE SHALL SERVICE TO ANY MAIN LINE OR RESIDENCES BE INTERRUPTED FOR MORE THAN FOUR (4) HOURS IN ANY ONE DAY. CONTRACTOR SHALL NOTIFY THE PUD AND ALL AFFECTED RESIDENTS AND BUSINESSES A MINIMUM OF 24 BUSINESS HOURS (1 BUSINESS DAY) PRIOR TO ANY INTERRUPTION OF SERVICE
J) WHERE SANITARY SEWER LINES CROSS ABOVE OR WITHIN 18" INCHES VERTICAL SEPARATION BELOW A WATERLINE, SEWER MAINS AND/OR LATERALS SHALL BE REPLACED WITH C-900 PVC PIPE (DR 18) AT THE CROSSING. CENTER ONE FULL LENGTH OF C-900 PVC PIPE AT POINT OF CROSSING. CONNECT TO EXISTING SEWER LINES WITH APPROVED RUBBER COUPLING. BACKFILL WITH CDF AT CROSSINGS.

**STREET LIGHTS:**

- A) STREET LIGHTS SHALL BE INSTALLED AFTER ALL OTHER EARTHWORK AND PUBLIC UTILITY INSTALLATIONS ARE COMPLETED AND AFTER ROUGH GRADING OF THE PROPERTY IS ACCOMPLISHED TO PREVENT DAMAGE TO THE POLES.
B) STREET LIGHTS POLES SHALL BE SET TO A DEPTH AS SPECIFIED BY THE MANUFACTURER, BUT NOT LESS THAN 5 FEET.
C) STREET LIGHT POLES SHALL BE INSTALLED WITHIN ONE DEGREE (1°) OF PLUMB.
D) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND PAY ALL COSTS FOR PROCUREMENT, INSTALLATION, WIRING AND HOOK UP OF STREET LIGHTS.

**PRIVATE UTILITIES:**

- A) UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR APPROVED BY JURISDICTION HAVING AUTHORITY, ALL NEW PRIVATE UTILITIES (POWER, CABLE TV, TELEPHONE & GAS) SHALL BE INSTALLED UNDERGROUND. INSTALLATION OF PRIVATE UTILITIES IN A COMMON TRENCH WITH WATER, SANITARY SEWER OR STORM SEWER IS PROHIBITED.
B) CONTRACTOR SHALL COORDINATE POWER, TELEPHONE, AND CABLE TV COMPANY FOR LOCATION OF VAULTS, PEDESTALS, ETC. ALL ABOVE GRADE FACILITIES SHALL BE PLACED IN A LOCATION OUTSIDE THE PROPOSED SIDEWALK LOCATION.
C) POWER, TELEPHONE AND CATV TRENCHING AND CONDUITS SHALL BE INSTALLED PER UTILITY COMPANY REQUIREMENTS WITH PULL WIRE SHALL VERIFY WITH UTILITY COMPANY FOR SIZE AND TYPE OF CONDUIT PRIOR TO CONSTRUCTION. ALL CHANGES IN DIRECTION OF UTILITY CONDUIT RUNS SHALL HAVE LONG RADIUS STEEL BENDS.
D) CONTRACTOR SHALL NOTIFY AND COORDINATE WITH PRIVATE UTILITY FOR RELOCATION OF POWER POLES, VAULTS, ETC.
E) ALL PRIVATE UTILITY STRUCTURES (VAULTS, PEDESTALS, LIGHT POLES, ETC.) SHALL BE SET A MINIMUM OF 1 FOOT FROM ANY PROPERTY CORNER OR SURVEY MONUMENT.

**STORM DRAIN SYSTEM:**

- A) STORM SEWER PIPE MATERIALS TO CONFORM TO THE CONSTRUCTION DRAWINGS AND CITY REQUIREMENTS (PVC D3034 ONLY, NO HDPE UNLESS SPECIFICALLY AUTHORIZED BY THE CITY). UNLESS OTHERWISE NOTED OR SHOWN ON THE DRAWINGS, STORM SEWER PIPE MATERIALS WITH WATERTIGHT JOINTS SHALL CONFORM TO THE TABLE BELOW. CONTRACTOR SHALL USE UNIFORM PIPE MATERIAL ON EACH PIPE RIM BETWEEN STRUCTURES UNLESS OTHERWISE DIRECTED OR APPROVED.
B) CONTRACTOR SHALL DESIGNATE THE PIPE MATERIAL ACTUALLY INSTALLED ON THE FIELD RECORD DRAWINGS AND PROVIDE THIS INFORMATION TO THE ENGINEER FOR AS-BUILT DRAWINGS.
C) CATCH BASINS SHALL BE SET SQUARE WITH BUILDINGS OR WITH THE EDGE OF THE PARKING LOT OR STREET WHERE THEY LIE. STORM DRAIN INLET STRUCTURES AND PAVING SHALL BE ADJUSTED SO WATER FLOWS INTO THE STRUCTURE WITHOUT PONDING WATER.
D) UNLESS OTHERWISE APPROVED BY THE ENGINEER, ALL STORM DRAIN CONNECTIONS SHALL BE BY MANUFACTURED TEES OR SADDLES. CATCH BASIN LATERALS ARE TO USE MFG. 45° WYES.
E) UNLESS OTHERWISE SHOWN OR DIRECTED, INSTALL STORM SEWER PIPE IN ACCORDANCE WITH MANUFACTURERS INSTALLATION
F) PRIOR TO MANDREL TESTING OR FINAL ACCEPTANCE, FLUSH AND CLEAN ALL STORM DRAINS, AND REMOVE ALL FOREIGN MATERIAL FROM THE MAINLINES, MANHOLES AND CATCH BASIN.
G) CONTRACTOR SHALL CONDUCT DEFLECTION TEST OF FLEXIBLE STORM SEWER PIPES BY PULLING AN APPROVED MANDREL THROUGH THE COMPLETED PIPE LINE FOLLOWING TRENCH COMPACTION. THE DIAMETER OF THE MANDREL SHALL BE 95% OF THE INITIAL PIPE DIAMETER. TEST SHALL BE CONDUCTED NOT MORE THAN 30 DAYS AFTER THE TRENCH BACKFILLING AND COMPACTION HAS BEEN COMPLETED.
H) CATCH BASIN LATERALS ARE TO BE "WYED" INTO THE MAIN. STAGGER WYES'S SLIGHTLY WHERE CATCH BASINS ARE DIRECTLY ACROSS FROM ONE ANOTHER.
I) ALL MANHOLE BASES SHALL BE CONSTRUCTED WITH FLOW THROUGH CHANNELS

COVER DEPTH table with columns: Cover Depth, Diameter, and Material/Specifications. Rows include Less than 2' cover, 2' to 2.5' cover, and 2.5' to 15' cover.

**SANITARY SEWER SYSTEM:**

- A) UNLESS OTHERWISE SPECIFIED, SANITARY SEWER PIPE SHALL BE PVC IN CONFORMANCE WITH ASTM D3034, SDR 35. MINIMUM STIFFNESS SHALL BE 48 PSI PER ASTM D-2412 AND JOINT TYPE SHALL BE ELASTOMERIC GASKET CONFORMING TO ASTM D-3212. ALL OTHER APPURTENANCES AND INSTALLATION TO CONFORM TO THE CITY SPECIFICATIONS.
B) ALL PRECAST MANHOLES SHALL BE PROVIDED WITH INTEGRAL RUBBER BOOTS. WHERE MANHOLES WITH INTEGRAL RUBBER BOOTS ARE NOT USED, A SHEAR JOINT SHALL BE PROVIDED ON ALL MAINLINES WITHIN 1.5 FEET OF THE OUTSIDE FACE OF THE MANHOLE. WATERTIGHT LOCKDOWN LIDS REQUIRED ON ALL MANHOLES OUTSIDE OF PUBLIC RIGHT-OF-WAY. ALL MANHOLES ARE TO HAVE FLOW CHANNELS CAST IN THEM.
C) OPENINGS FOR CONNECTIONS TO EXISTING MANHOLES SHALL BE MADE BY SAWCUTTING OR CORE-DRILLING EXISTING MANHOLE STRUCTURE. USE OF PNEUMATIC JACKHAMMER SHALL BE PROHIBITED. CONNECTIONS TO BE WATERTIGHT AND SHALL PROVIDE A SMOOTH FLOW INTO AND THROUGH THE MANHOLE. SMALL CHIPPING HAMMERS OR SIMILAR LIGHT TOOLS WHICH WILL NOT DAMAGE OR CRACK THE MANHOLE BASE MAY BE USED TO SHAPE CHANNELS OR ENLARGE EXISTING OPENINGS IF AUTHORIZED BY THE ENGINEER.
D) PER DEQ/DOE REQUIREMENTS, CONTRACTOR SHALL HAVE PUBLIC SEWER INSTALLATION INSPECTED AND TESTED AND CERTIFIED BY A LICENSED ENGINEER. CONTRACTOR TO PROVIDE ENGINEER WITH 48 HOURS ADVANCE NOTICE FOR INSPECTION.
E) CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT FACILITIES TO TEST SANITARY SEWER PIPE AND APPURTENANCES FOR LEAKAGE IN ACCORDANCE WITH CITY CONSTRUCTION STANDARDS. SANITARY SEWER PIPE AND APPURTENANCES SHALL BE TESTED FOR LEAKAGE. LEAKAGE TESTS SHALL INCLUDE AN AIR TEST OF ALL SEWER MAINS AND LATERALS AND VACUUM TESTING OF THE MANHOLES. MANHOLE TESTING SHALL BE PERFORMED AFTER COMPLETION OF AC PAVEMENT AND FINAL SURFACE RESTORATION.
F) MANHOLES CONSTRUCTED OVER EXISTING SANITARY SEWERS SHALL CONFORM TO SECTION 00490.41 (MANHOLES OVER EXISTING SEWERS) OF THE ODOT/APWA STANDARD SPECIFICATIONS AS AMENDED BY THE CITY. THE EXISTING PIPE SHALL NOT BE BROKEN OUT UNTIL AFTER THE COMPLETION OF THE MANHOLE TESTS.
G) PRIOR TO MANDREL TESTING AND/OR TV INSPECTION, FLUSH AND CLEAN ALL SEWERS, AND REMOVE ALL FOREIGN MATERIAL FROM THE MAINLINES AND MANHOLES.
H) CONTRACTOR SHALL CONDUCT DEFLECTION TESTS OF FLEXIBLE SANITARY SEWER PIPES BY PULLING AN APPROVED MANDREL THOUGH THE COMPLETED PIPE LINE FOLLOWING TRENCH COMPACTION. THE DIAMETER OF THE MANDREL SHALL BE 95% OF THE INITIAL PIPE DIAMETER. TEST SHALL BE CONDUCTED NOT MORE THAN 30 DAYS AFTER THE TRENCH BACKFILLING AND COMPACTION HAS BEEN COMPLETED.
I) UPON COMPLETION OF ALL SEWER CONSTRUCTION, TESTING AND REPAIR, THE CONTRACTOR SHALL CONDUCT A COLOR TV ACCEPTANCE INSPECTION OF ALL PUBLIC MAINLINES IN ACCORDANCE WITH SECTION 00445.74 (TELEVISION INSPECTION OF SANITARY AND STORM SEWERS) OF THE ODOT/APWA STANDARD SPECIFICATIONS AS AMENDED BY THE CITY. THE TV INSPECTION SHALL BE CONDUCTED BY AN APPROVED TECHNICAL SERVICE, WHICH IS EQUIPPED TO MAKE AUDIO-VISUAL RECORDING OF THE TV INSPECTIONS ON VHS VIDEO TAPE, OR DVD. UNLESS OTHERWISE REQUIRED BY AGENCY WITH JURISDICTION, A STANDARD 1-INCH DIAMETER BALL SHALL BE SUSPENDED IN FRONT OF THE CAMERA DURING THE INSPECTION. SUFFICIENT WATER REVEAL TO LOW AREAS OR REVERSE GRADE SHALL BE DISCHARGED INTO THE PIPE IMMEDIATELY PRIOR TO INITIATION OF THE TV INSPECTION. THE VHS TAPE AND WRITTEN REPORT SHALL BE DELIVERED TO THE CITY.

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NANCY WHITE SUBDIVISION

Revisions

Date

No.

1.0

SCALE: AS NOTED

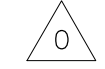
JOB NO. REV.

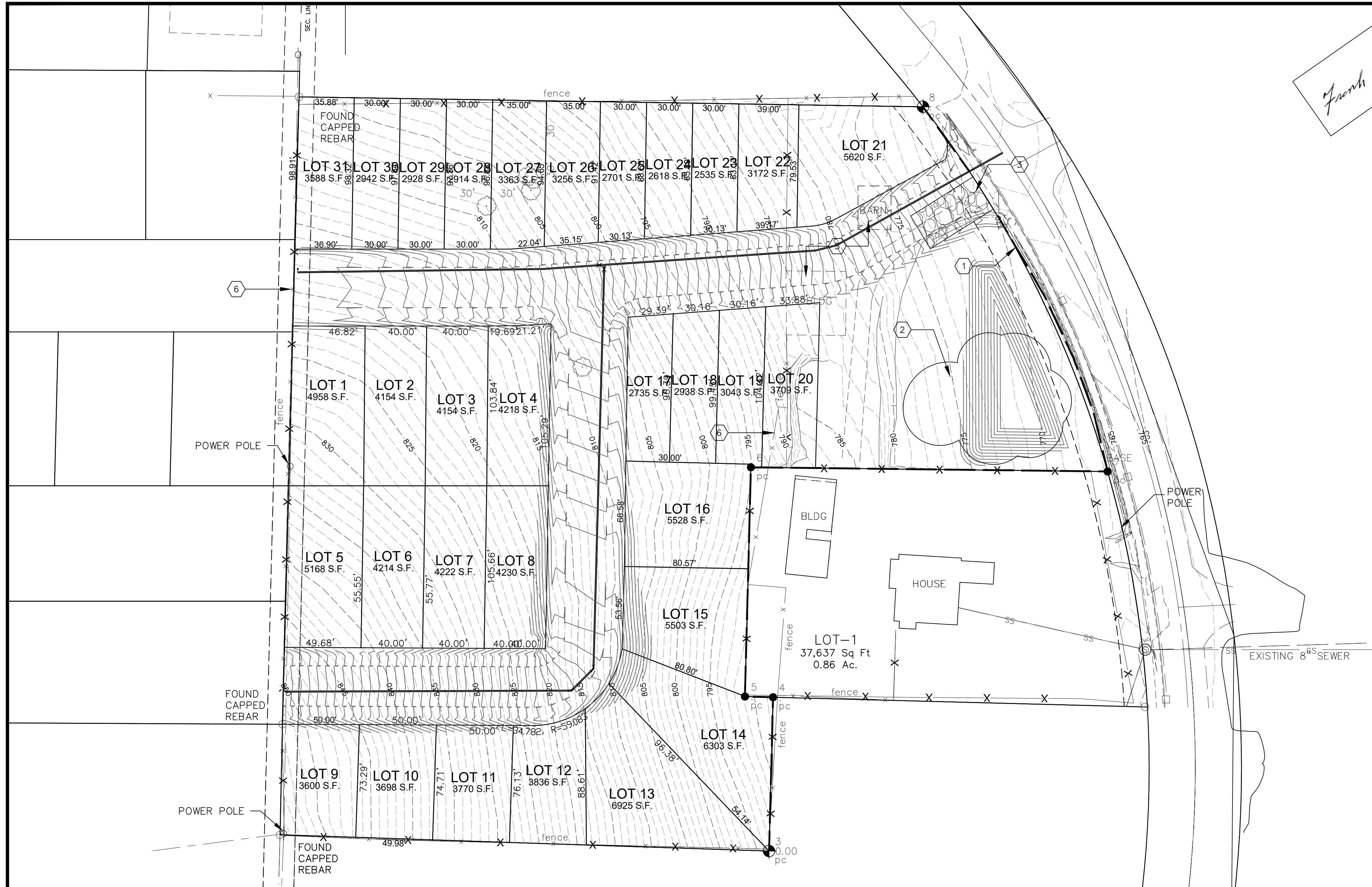
19-XX

SUBMITTED FOR REVIEW 12-20-2022

SUBMITTED FOR REVIEW 6-16-2022

SHEET NO.





**NOTES FOR SEDIMENT FENCES:**

1. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST, OR OVERLAP 2"x 2" POSTS AND ATTACHED AS SHOWN ON DETAIL.
2. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE. THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 18 INCHES.
3. THE FILTER FABRIC SHALL HAVE A MINIMUM VERTICAL BURIAL OF 6 INCHES. ALL EXCAVATED MATERIAL FROM FILTER FABRIC FENCE INSTALLATION SHALL BE BACKFILLED AND COMPACTED ALONG THE ENTIRE DISTURBED AREA.
4. STANDARD OR HEAVY DUTY FILTER FABRIC FENCE SHALL HAVE MANUFACTURED STITCHED LOOPS FOR 2"x 2" POST INSTALLATION. STITCHED LOOPS SHALL BE INSTALLED ON THE UPSLOPE SIDE OF THE SLOPED AREA.
5. FILTER FABRIC FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
6. FILTER FABRIC FENCES SHALL BE INSPECTED BY APPLICANT/CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

**NARRATIVE SITE DESCRIPTION:**

THE CONSTRUCTION ACTIVITIES CONDUCTED ON THIS SITE WILL BE THOSE TYPICALLY REQUIRED FOR THE CONSTRUCTION OF A COMMERCIAL BUILDING. INCLUDED IN THESE ACTIVITIES WILL BE REMOVAL OF VEGETATION AND RUBBLE, INSTALLATION OF UNDERGROUND UTILITIES TO SERVE SAID LOTS AND THE CONSTRUCTION OF PAVING ROADS AND PARKING LOT. THE SITE IS APPROXIMATELY 1.86 ACRES IN SIZE.

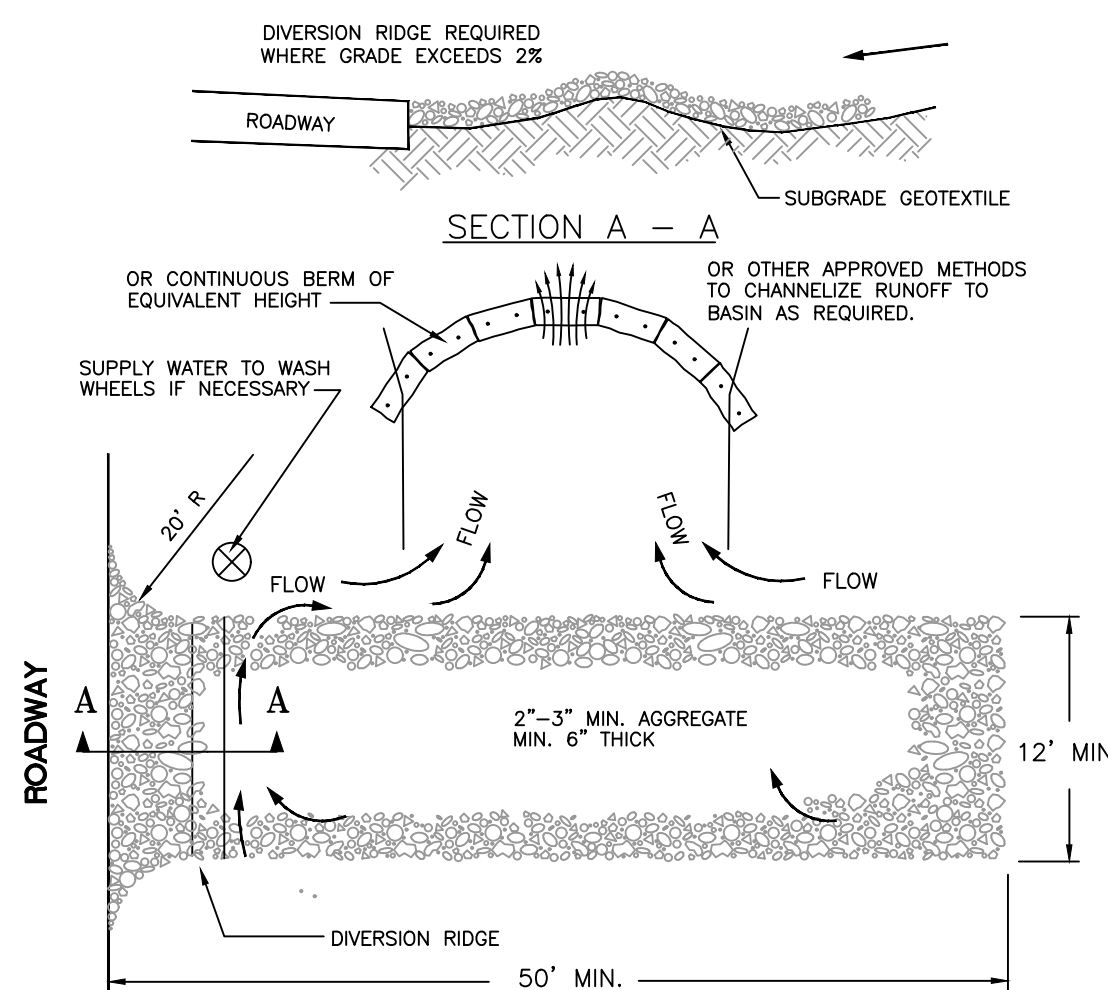
THE GEOLOGIC UNITS MAPPED IN THE PROJECT AREA BY THE USDA WEB SOIL MAP. THE GEOLOGIC MAP OF GOLDENDALE INCLUDES GOLDENDALE SILT LOAM 2 TO 5 PERCENT SLOPE.

EARTHWORK:  
TOTAL EARTHWORK FOR THIS PROJECT IS APPROXIMATELY 2,315 CY OF EXCAVATION AND 3,075 CY OF FILL

**EROSION CONTROL NOTES:**

1. CONTRACTORS AND BUILDERS SHALL KEEP CUTTING AND CLEARING TO A MINIMUM AND WITHIN THE PHASE UNDER CONSTRUCTION. EVERY EFFORT SHOULD BE MADE TO DISTURB AS LITTLE EXISTING VEGETATION AS POSSIBLE, AND TO REESTABLISH GOOD GROUND COVER AS SOON AS POSSIBLE AFTER GRADING.
2. SEEDING OF DISTURBED AREAS, SUCH AS CUTS, FILLS, AND STORAGE AREAS SHALL BE DONE AS SOON AS POSSIBLE AFTER USE OF THE AREA IS CONCLUDED, OR CONSTRUCTION IS FAR ENOUGH ALONG THAT THE AREA WILL NOT BE DISTURBED.
3. IF AN AREA IS NOT, OR CANNOT BE SEEDING ADEQUATELY TO PROTECT IT FROM EROSION, THEN IT SHALL BE PROTECTED BY COVERING WITH SOME PROTECTIVE MATERIAL, SUCH AS MULCH, STRAW, TARPS, PLASTIC AND CHIPPED BRUSH.
4. SILT FABRIC SHALL BE PLACED OVER THE CATCH BASIN INLETS SO THAT NO SEDIMENT WILL ACCUMULATE IN THE CATCH BASINS. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSLOPE.
5. 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). SEEDING OF CLEARED AREAS SHALL BE ACCOMPLISHED WITHIN SEVEN DAYS UNLESS OTHERWISE STABILIZED. TEMPORARY IRRIGATION MAY BE REQUIRED TO ESTABLISH AND MAINTAIN VEGETATION. ALL DISTURBED AREAS SHALL BE SEEDING.
6. THE CONTRACTOR SHALL INSPECT ROADS DAILY AND CLEAN AS NEEDED SO THAT NO SEDIMENT IS WASHED OR CARRIED OFF-SITE.
7. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.)
8. THE IMPLEMENTATION OF THESE ESC PLANS AND CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND VEGETATION/LANDSCAPING IS ESTABLISHED.
9. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
10. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
11. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
12. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.
13. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

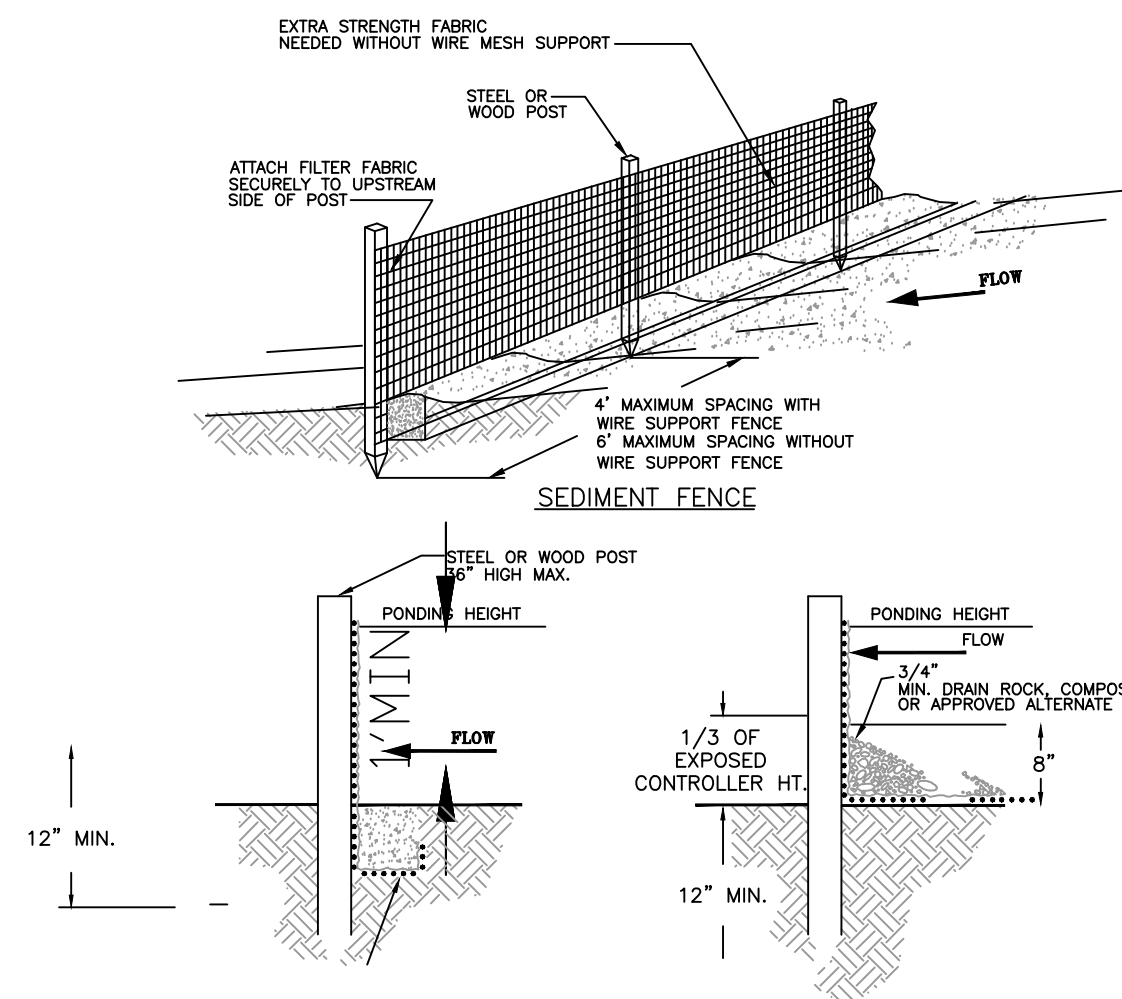
**GRAVEL CONSTRUCTION ENTRANCE DETAIL:**



**NOTES:**

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**SILT FENCE STANDARD DETAILS:**



**NOTES:**

1. SEDIMENT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN IT EXCEEDS 1/3 THE EXPOSED HEIGHT OF CONTROLLER STORAGE DEPTH.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-AND CAN BE PERMANENTLY STABILIZED.

**EROSION & SEDIMENT CONTROL NOTES:**

1. INSTALL 743 TOTAL OF SILT FENCE
2. PROPOSED STOCK PILE AREA DURING EARTHWORK ACTIVITIES
3. PROPOSED GRAVEL CONSTRUCTION ENTRANCES

**DEMOLITIONS NOTES:**

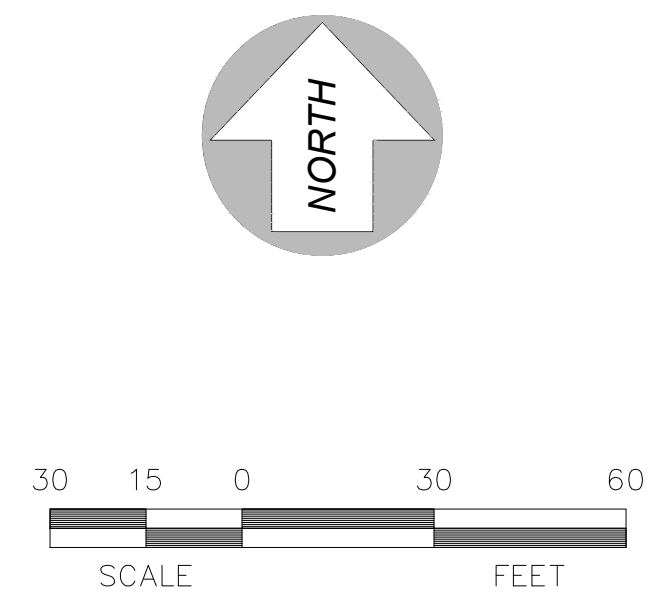
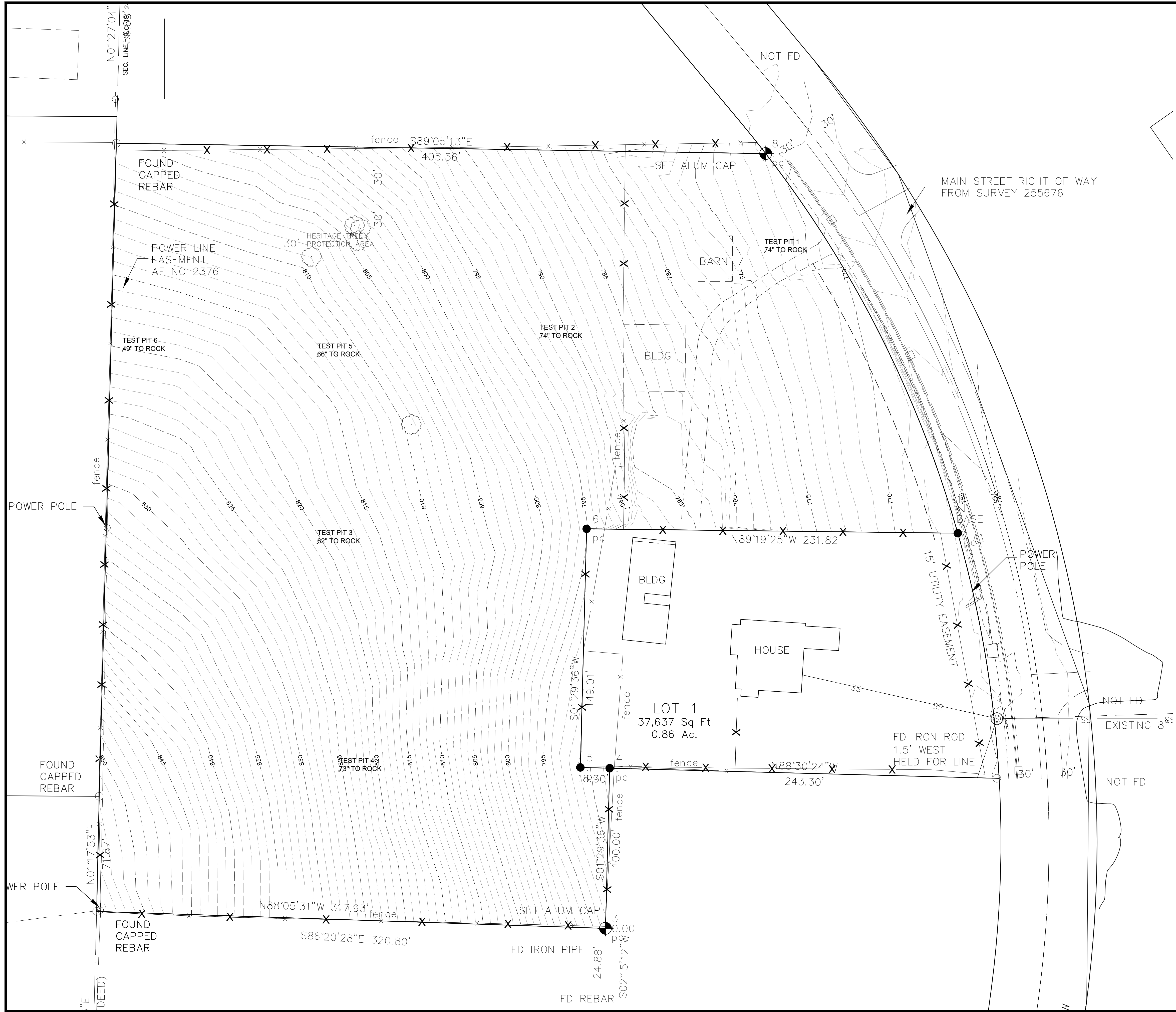
4. REMOVE EXISTING BUILDINGS
5. REMOVE EXISTING FENCE

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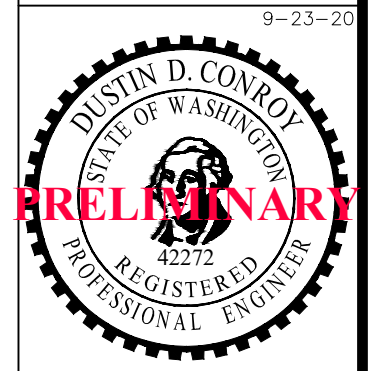


NANCY WHITE SUBDIVISION  
EROSION CONTROL PLAN

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW
SHEET NO. 2.0		
SCALE: AS NOTED		
JOB NO. 19-XX		
REV. 0		



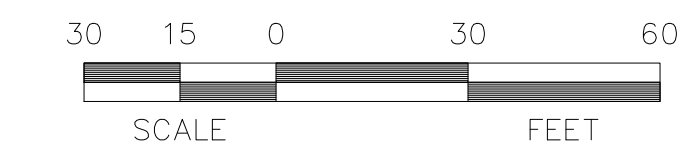
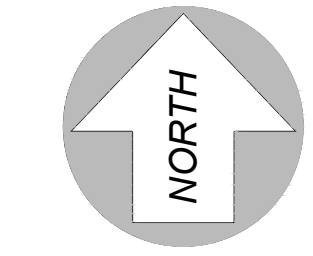
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**NANCY WHITE SUBDIVISION**  
 WHITE SALMON, WA  
 SITE SURVEY

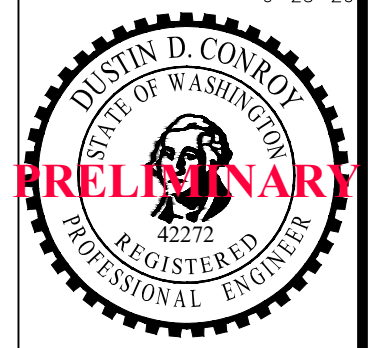
No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**3.0**  
 SCALE: AS NOTED  
 JOB NO. **19-XX** REV. **0**



- ① PROPOSED ASPHALT ROADWAY. SEE DETAILS 1 AND 2 SHEET 10.0
- ② PROPOSED 6' SIDEWALK. SEE DETAIL 2 SHEET 11.0
- ③ INSTALL 6" CURB AND GUTTER. SEE DETAIL 1 SHEET 11.0
- ④ INSTALL CONCRETE DRIVEWAY AND ENTRANCE WITH COMPLETION OF EACH LOT. SEE DETAILS 3 AND 4 SHEET 11.0
- ⑤ STORM WATER RETENTION POND

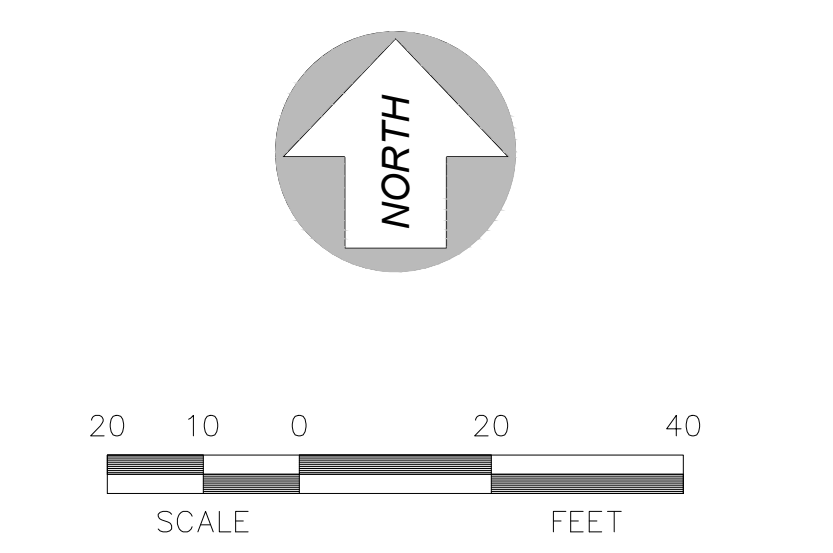
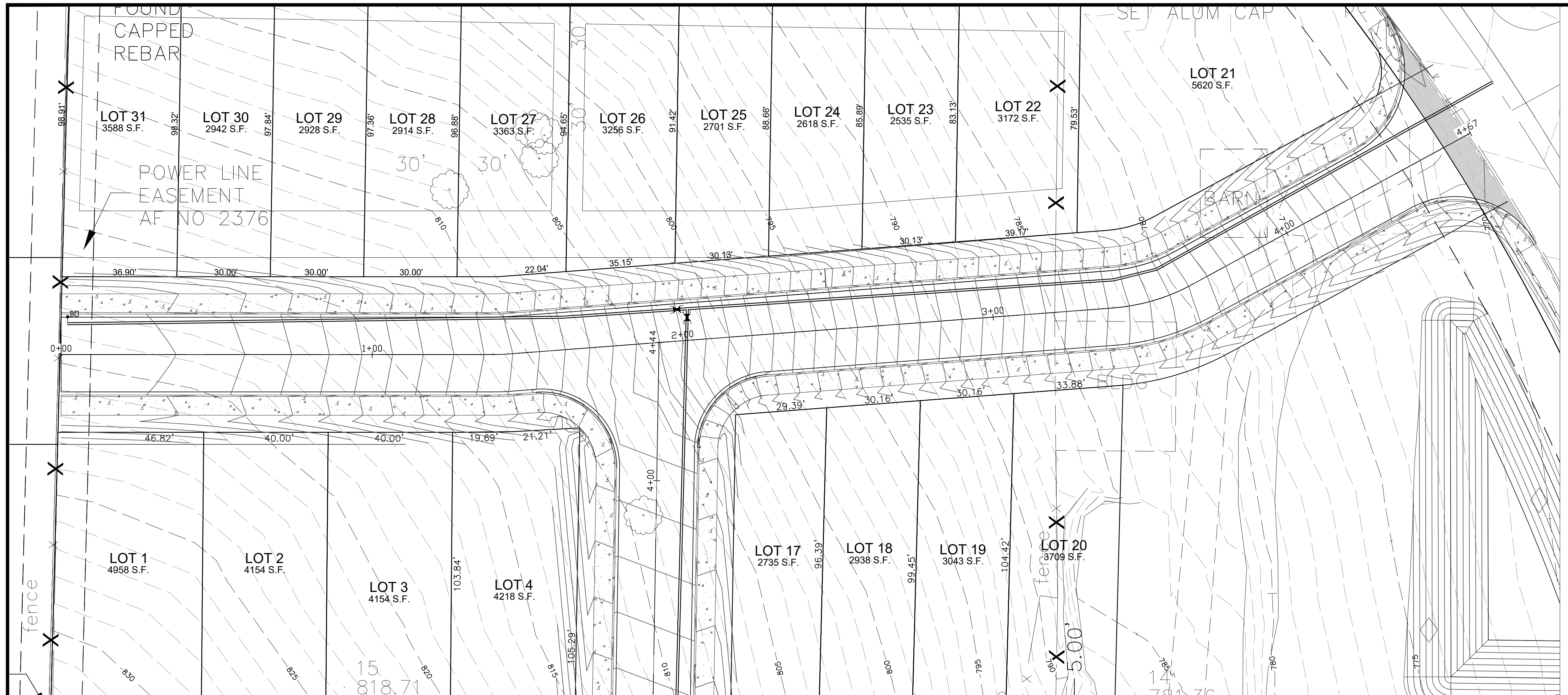
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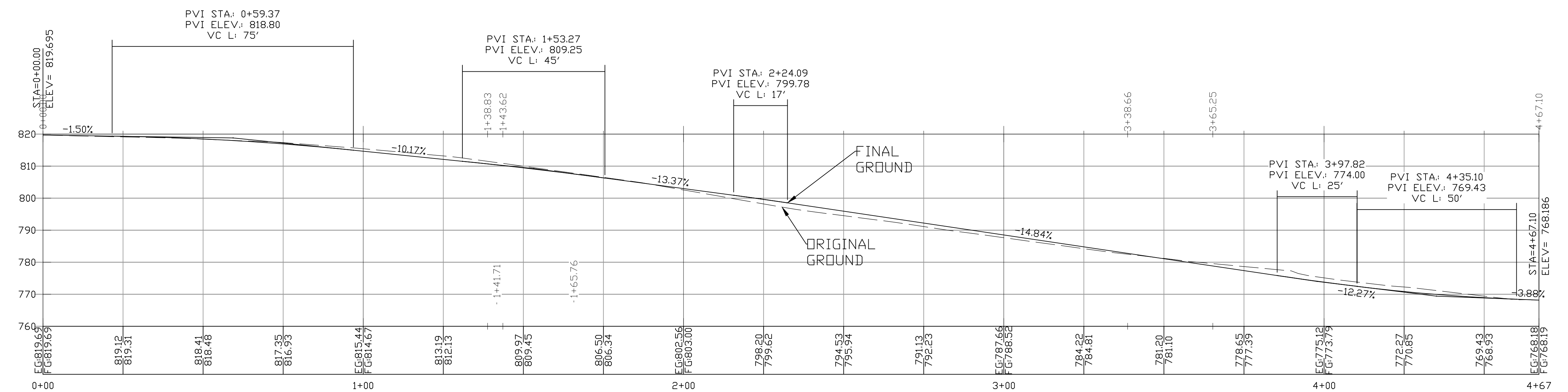
NANCY WHITE SUBDIVISION  
 WHITE SALMON, WA  
 SITE PLAN

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**3.0**  
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 JOB NO. REV.  
**19-XX**

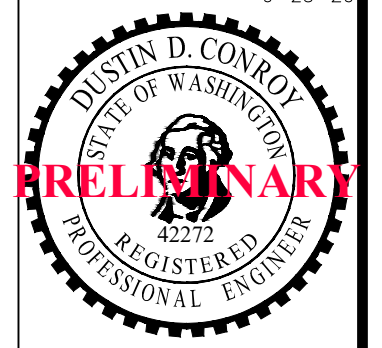


FOR MAIN ROAD SECTION SEE DETAIL 1 SHEET 10.0



1 MAIN ROAD PROFILE  
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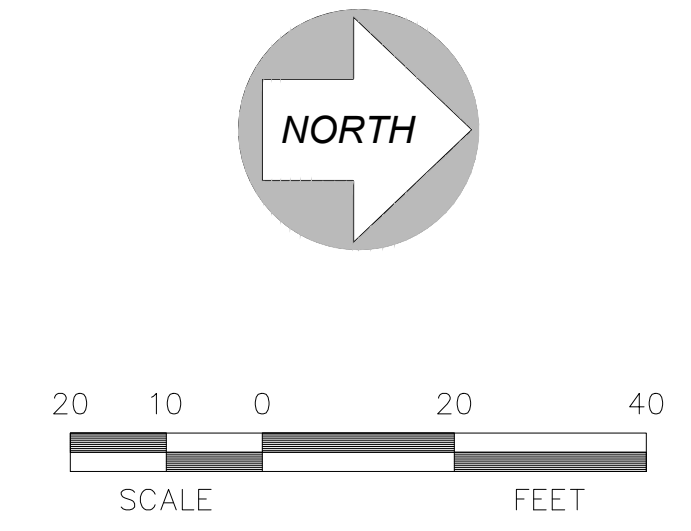
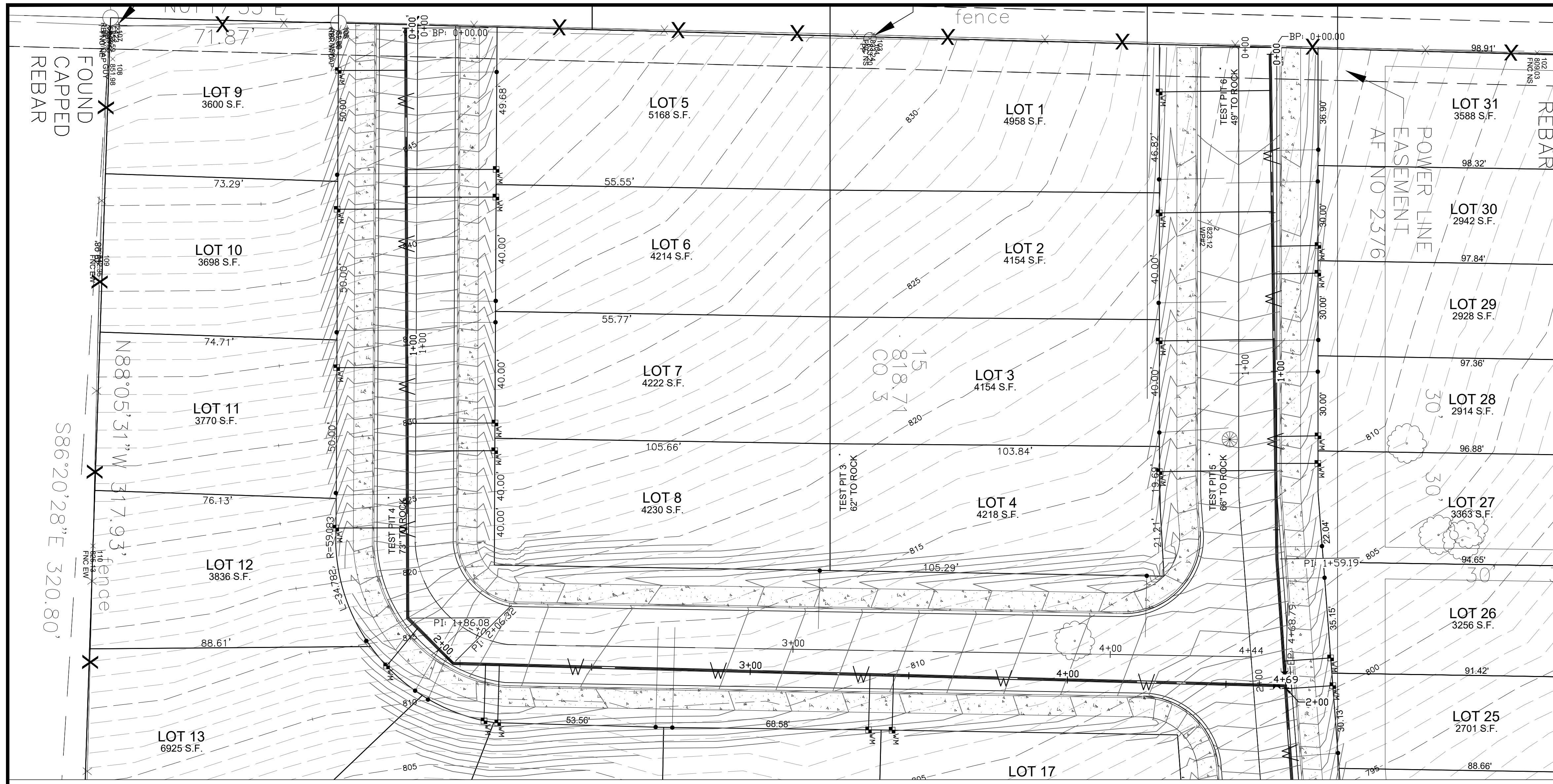
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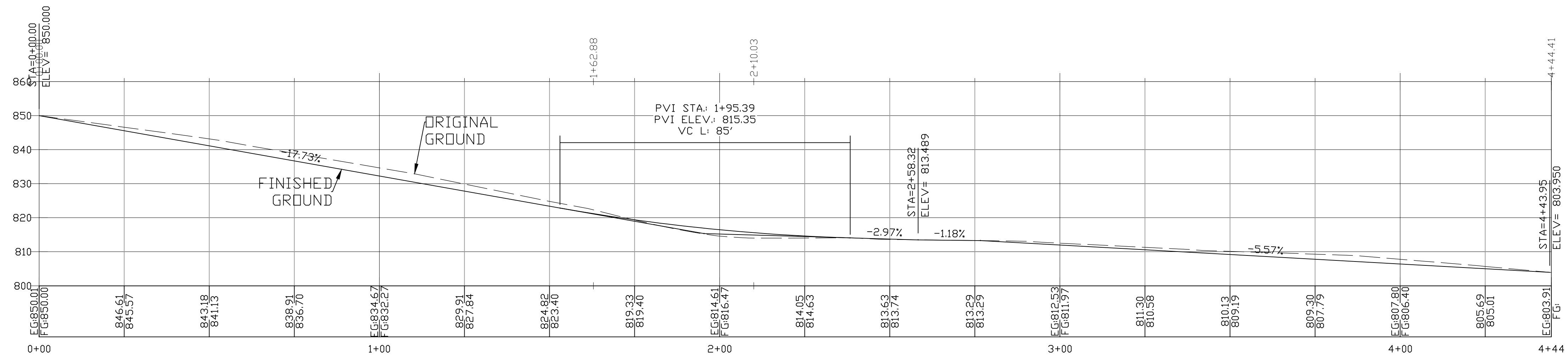
NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
MAIN ROAD PLAN AND PROFILE

No.	Date	Revisions
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1.0	6-16-2022	SUBMITTED FOR REVIEW

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**4.0**  
SCALE: AS NOTED  
JOB NO. **19-XX** REV. **0**

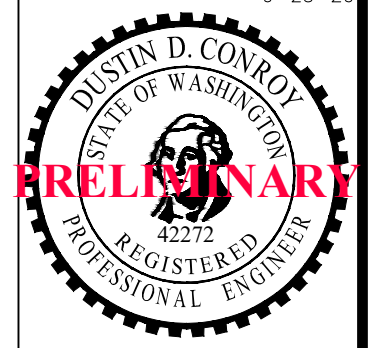


FOR SECONDARY ROAD SECTION SEE DETAIL 2 SHEET 10.0



1 SECONDARY ROAD PROFILE  
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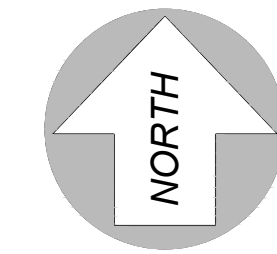
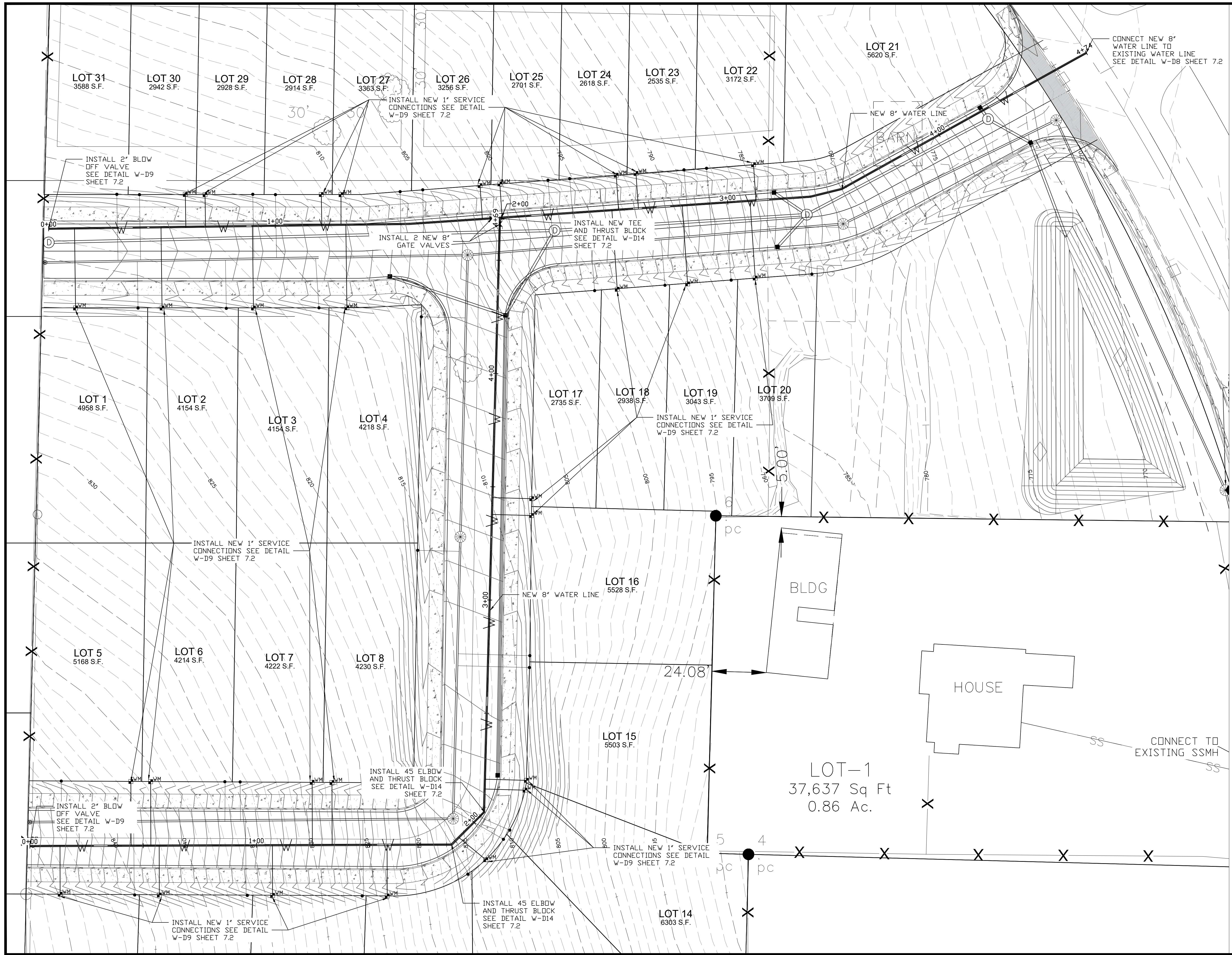
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**NANCY WHITE SUBDIVISION**  
WHITE SALMON, WA  
SECONDARY ROAD PLAN AND PROFILE

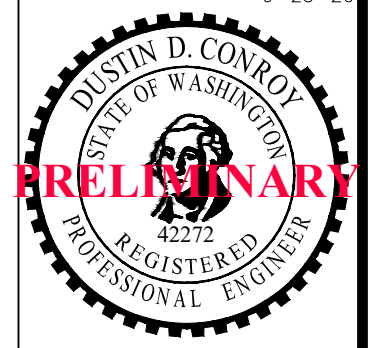
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1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**6.0**  
SCALE: AS NOTED  
JOB NO. REV.  
**19-XX**



- NOTES
1. FOR WATER LINE DETAILS SEE SHEET 7.2
  2. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN BEFORE CONSTRUCTION

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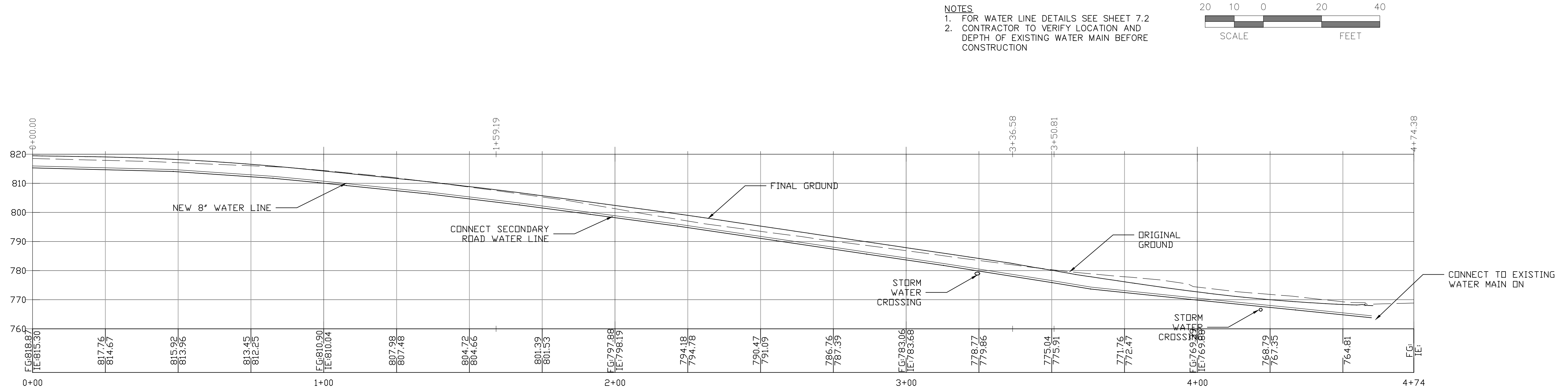


**NANCY WHITE SUBDIVISION**  
 WHITE SALMON, WA  
 WATER PLAN AND PROFILE

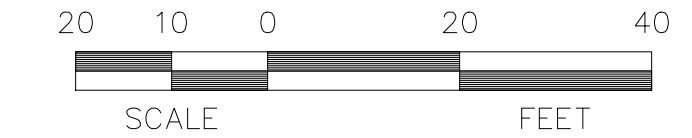
No.	Date	Revisions
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1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**7.0**  
 SCALE: AS NOTED  
 JOB NO. REV.  
**19-XX**

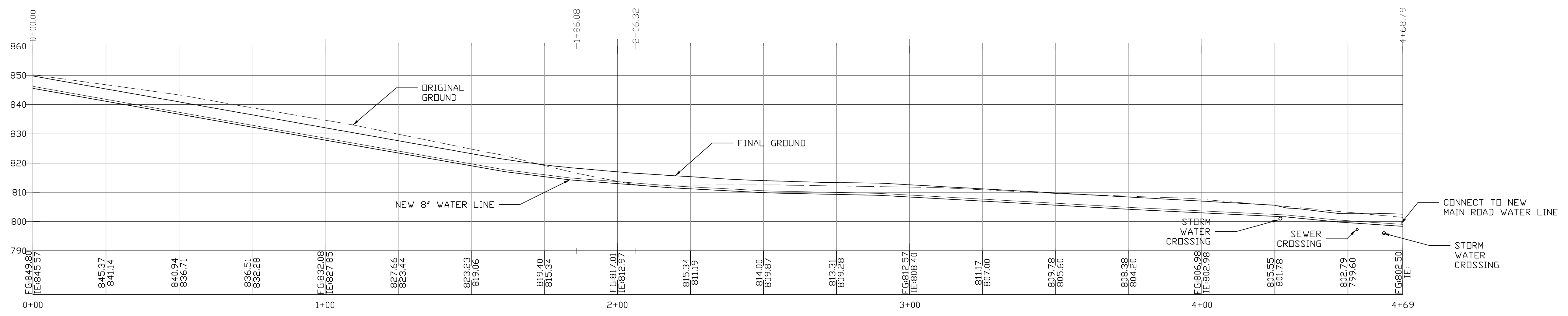




NOTES  
 1. FOR WATER LINE DETAILS SEE SHEET 7.2  
 2. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN BEFORE CONSTRUCTION

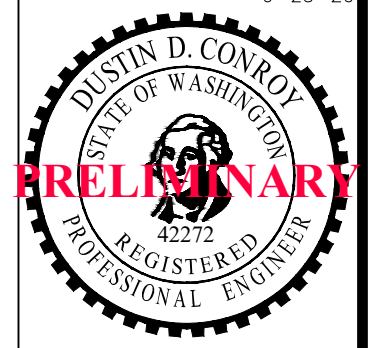


1 SUBDIVISION MAIN ROAD WATER LINE 8"  
 SCALE: 1"=20' 0+00-4+42



2 SUBDIVISION SECONDARY ROAD WATER LINE 8"  
 SCALE: 1"=20' 0+00-4+68

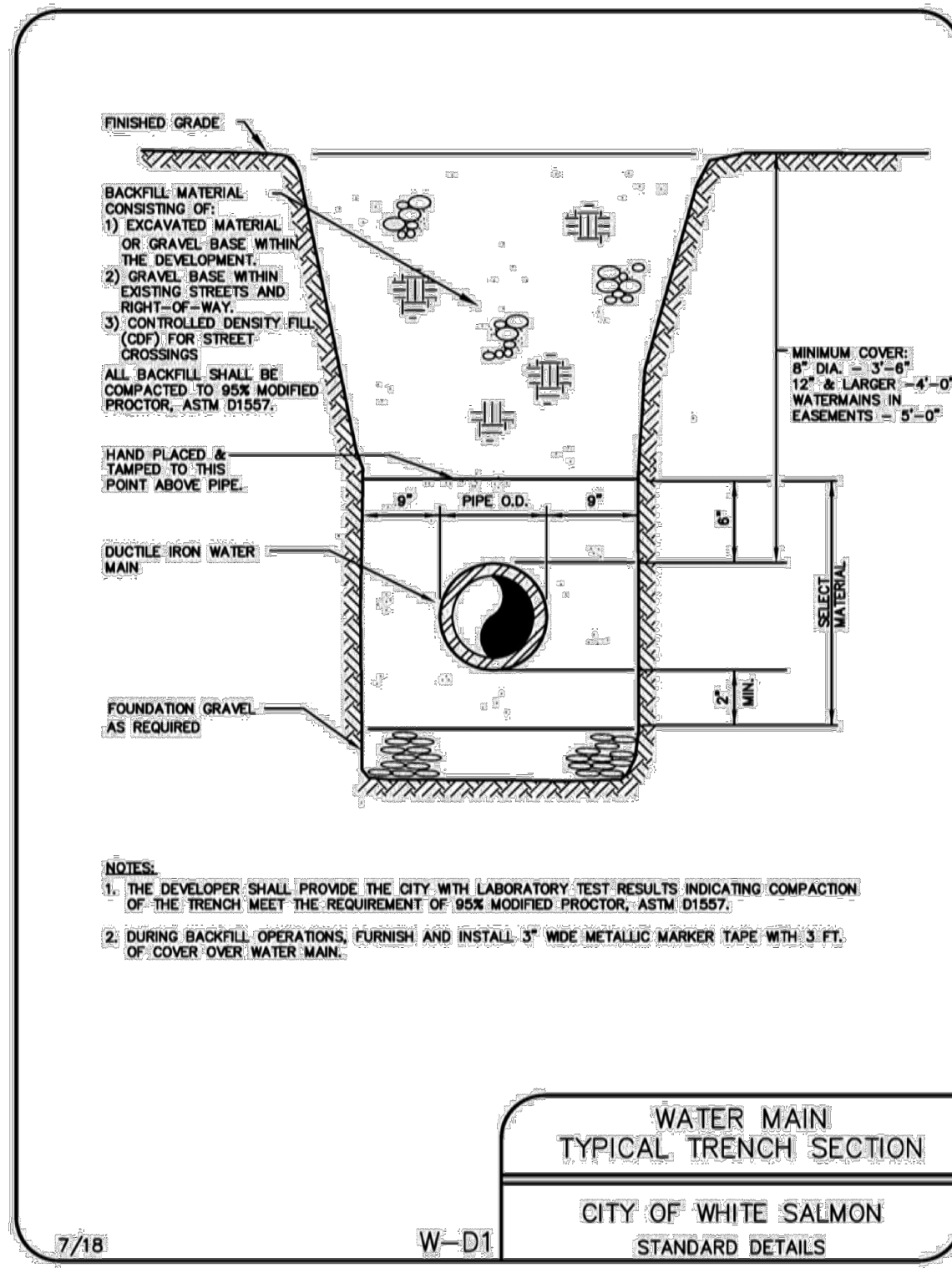
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 Phone (509) 773-4945, Fax (509) 773-5888, E-Mail pse@gorgie.net



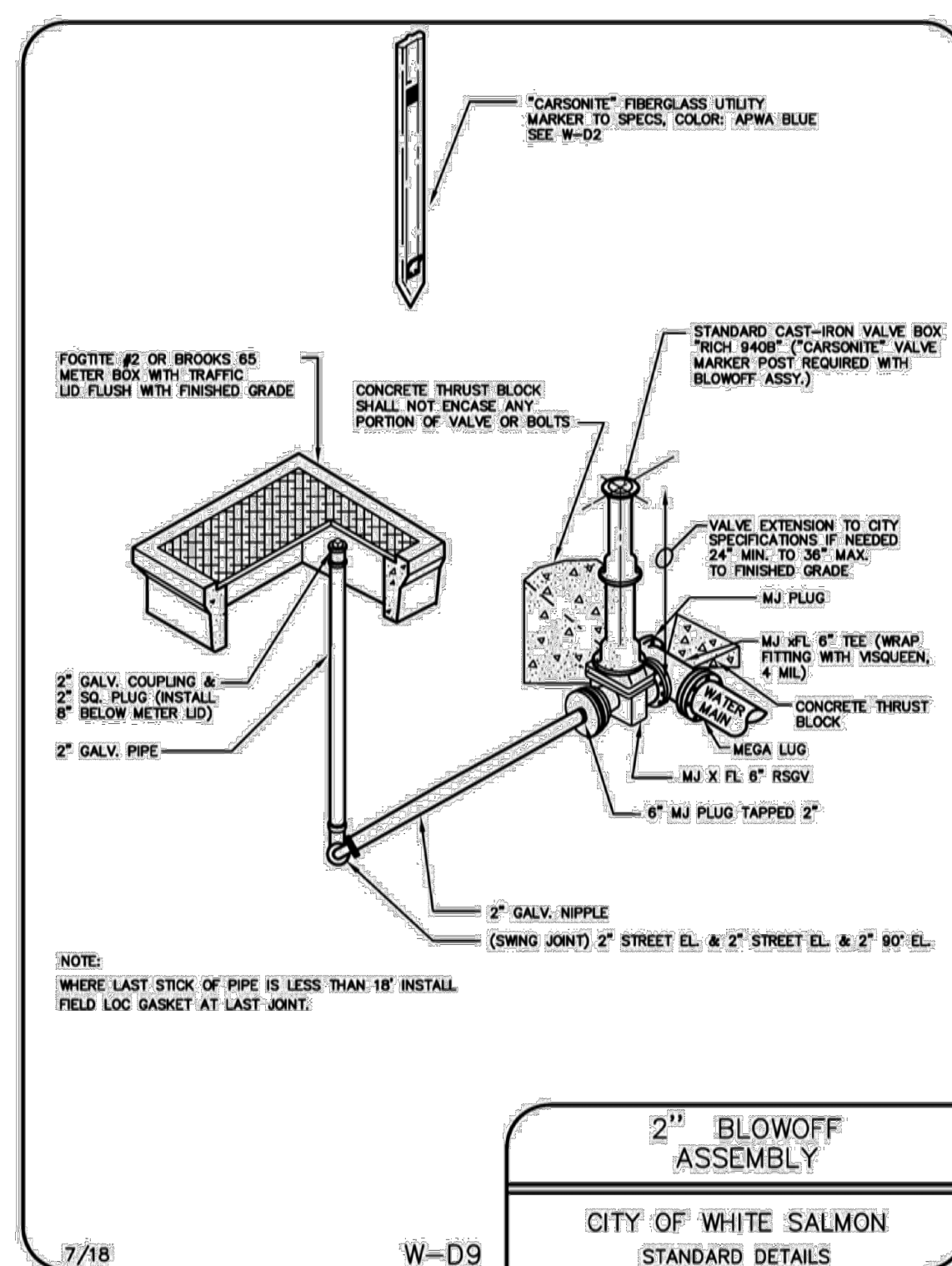
NANCY WHITE SUBDIVISION  
 WHITE SALMON, WA  
 WATER PLAN AND PROFILE

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

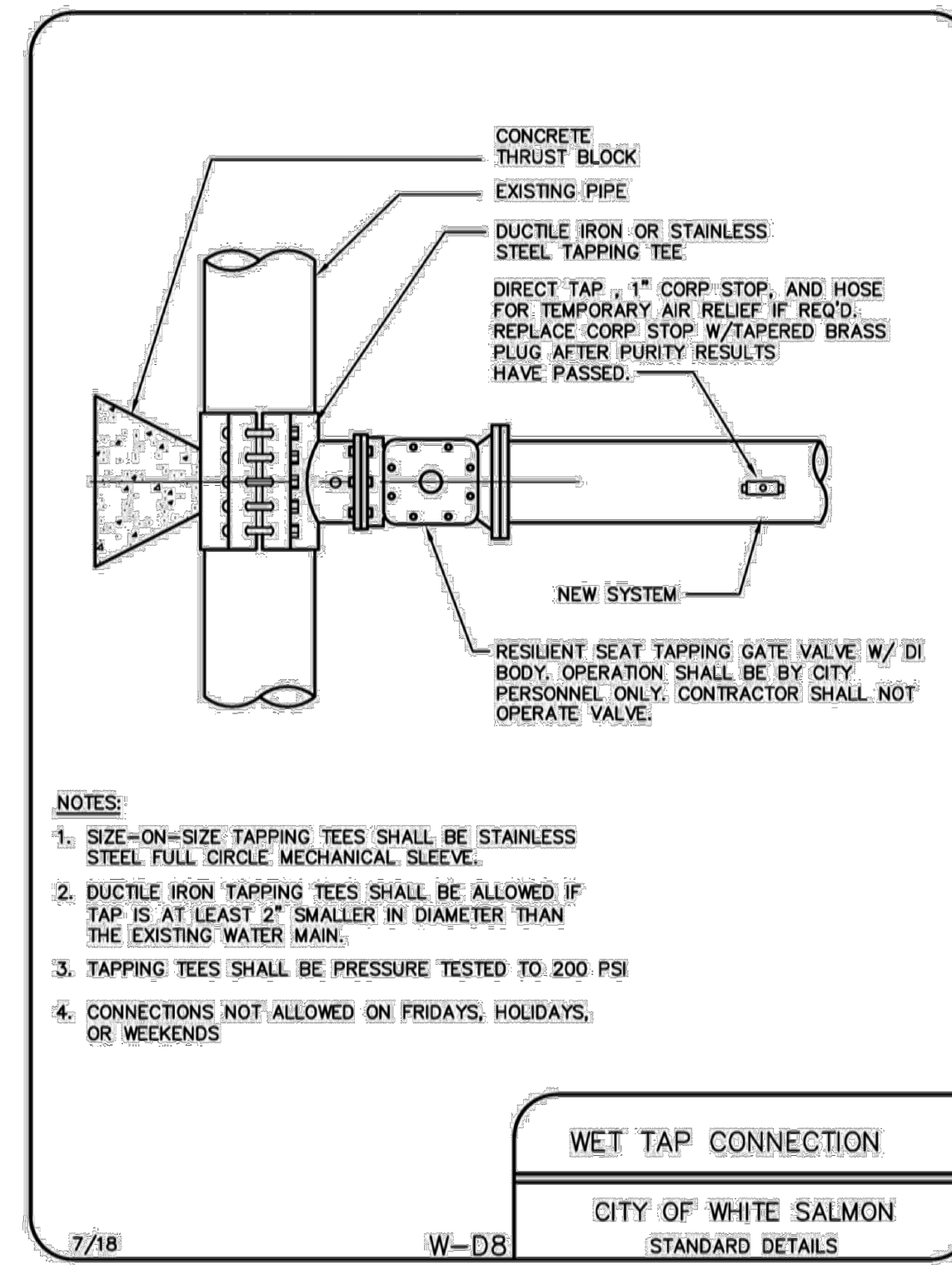
SHEET NO.  
 7.1  
 SCALE: AS NOTED  
 JOB NO. REV.  
 19-XX 0



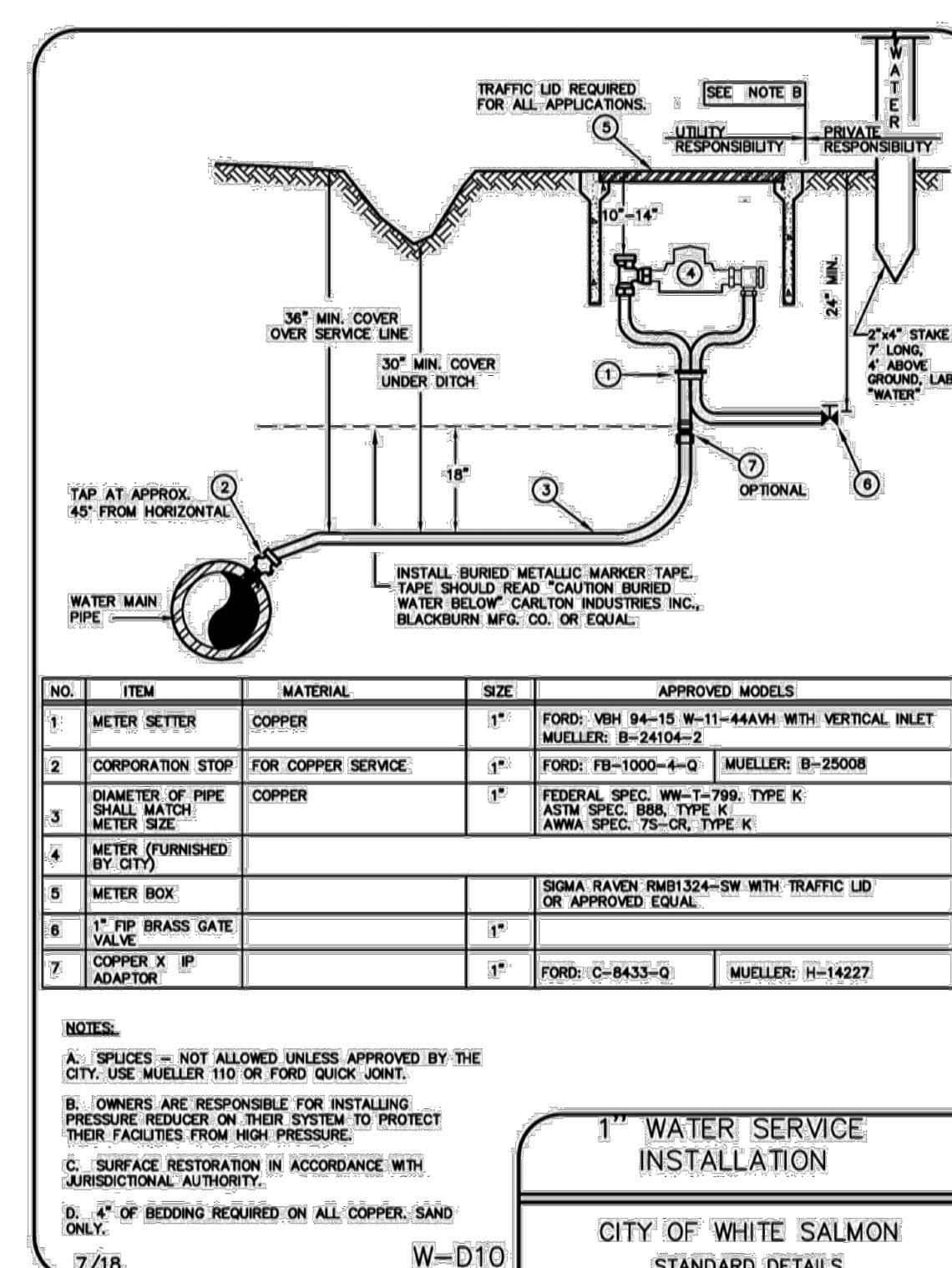
II-13  
Adopted September 5, 2018



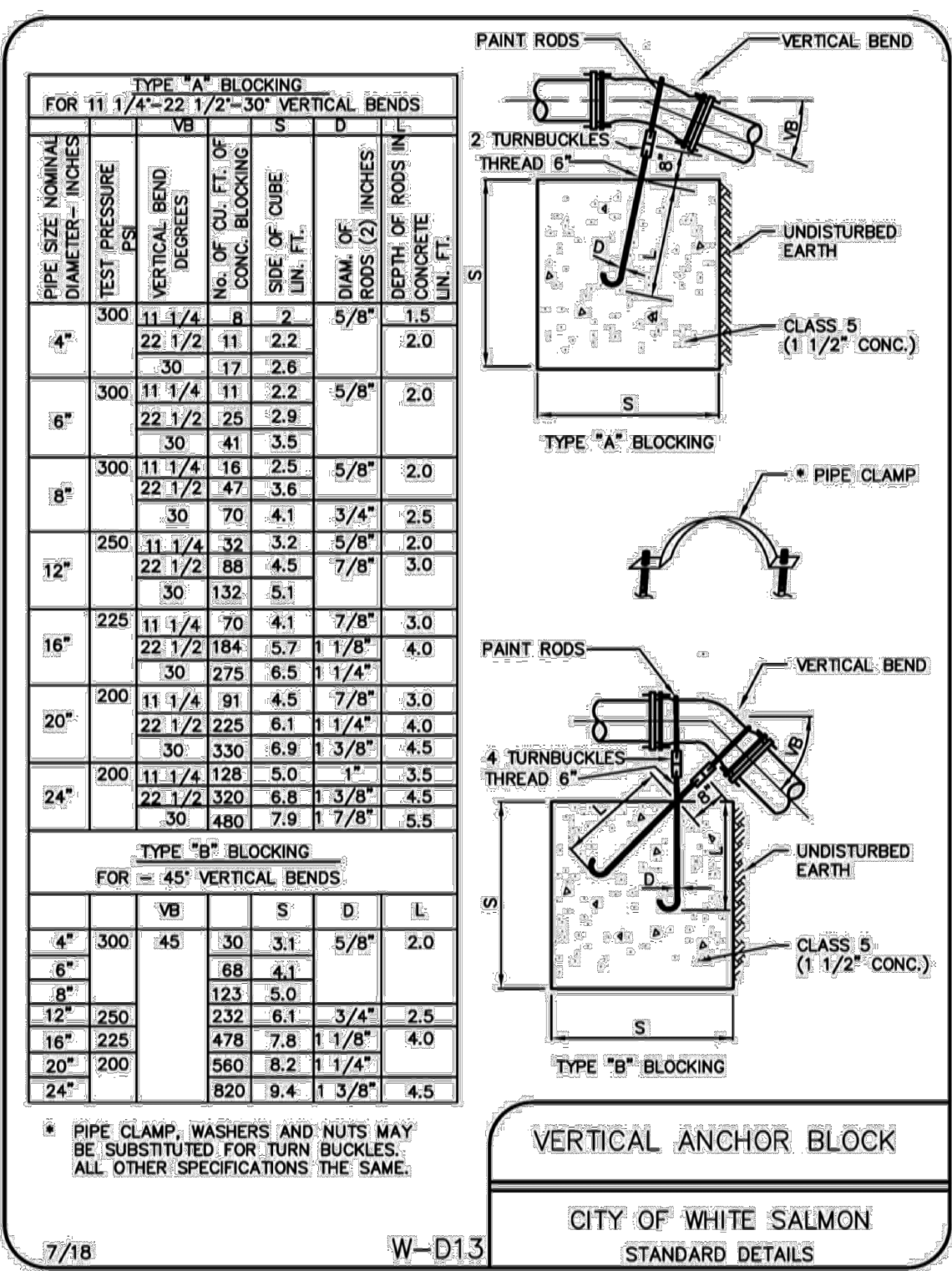
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Adopted September 5, 2018



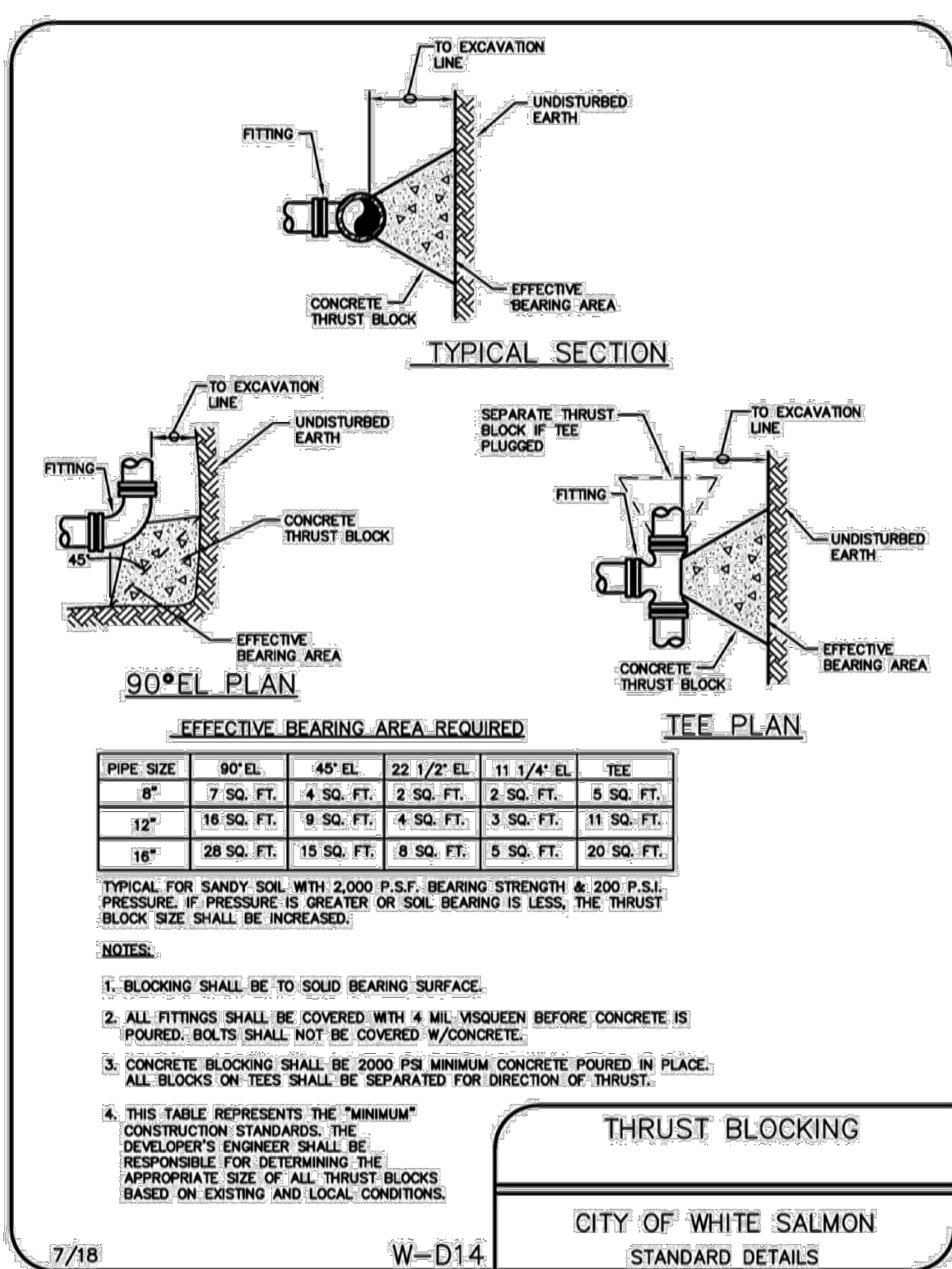
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Adopted September 5, 2018



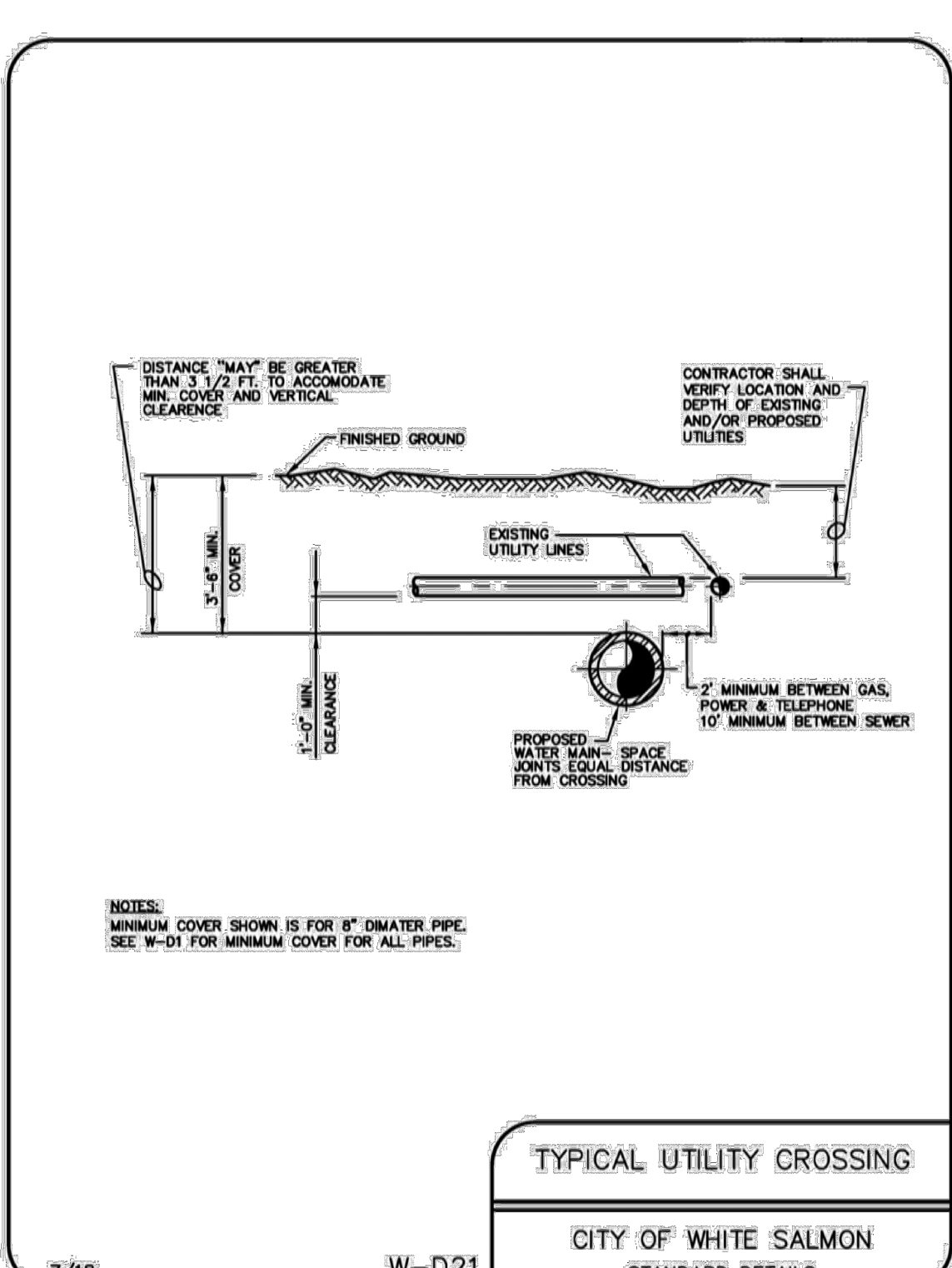
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Adopted September 5, 2018



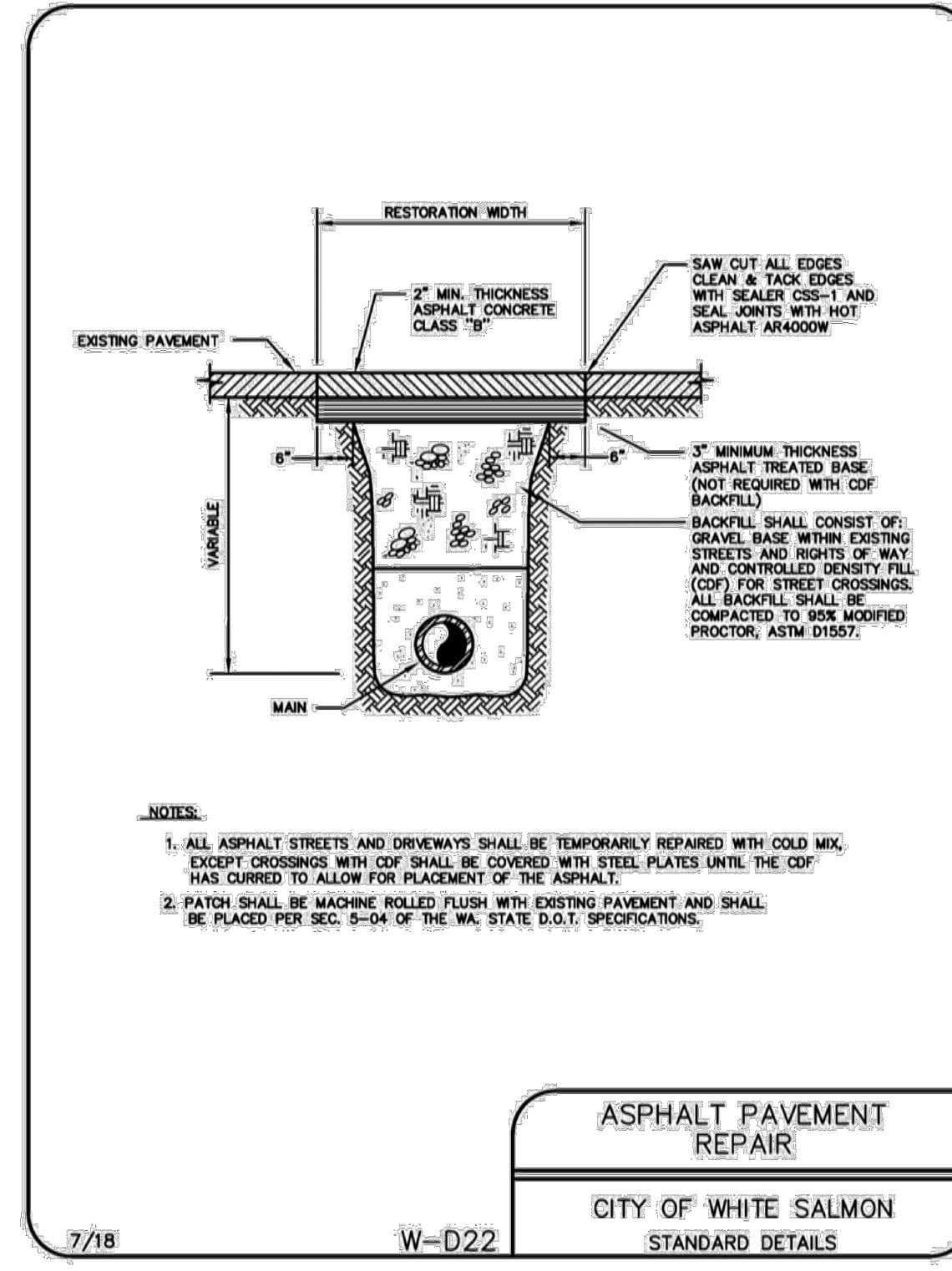
II-25  
Adopted September 5, 2018



II-26  
Adopted September 5, 2018



II-33  
Adopted September 5, 2018



II-34  
Adopted September 5, 2018

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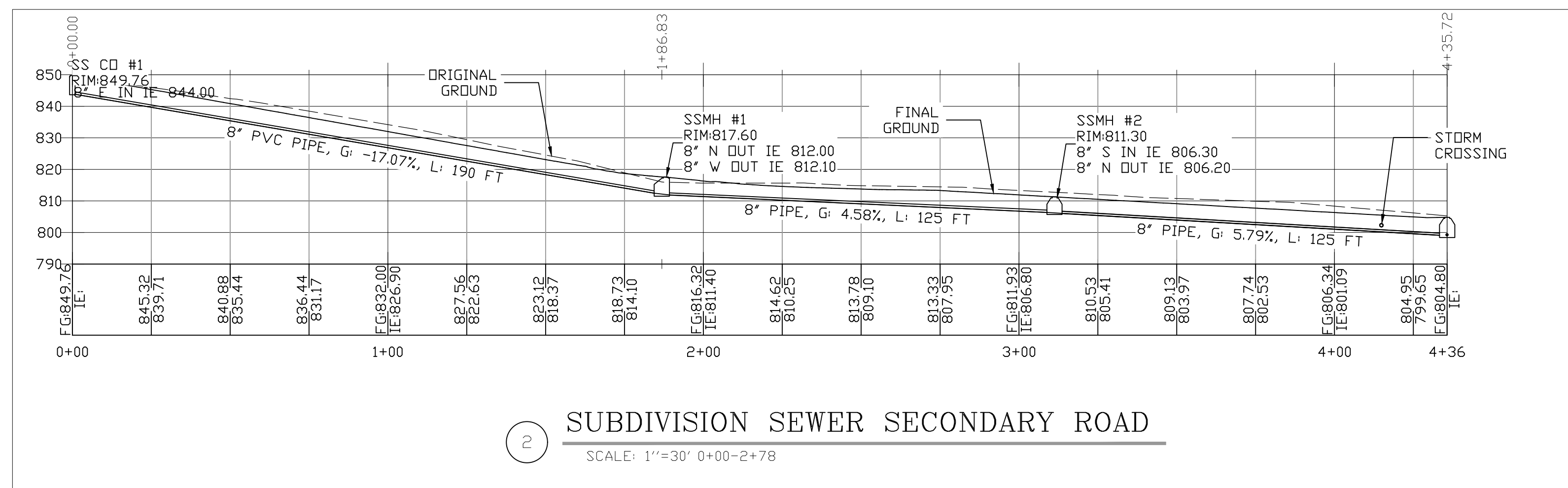
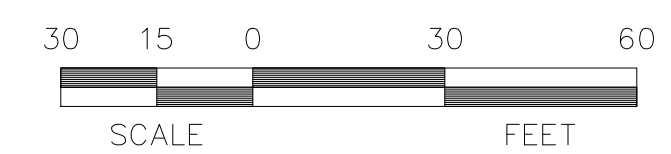
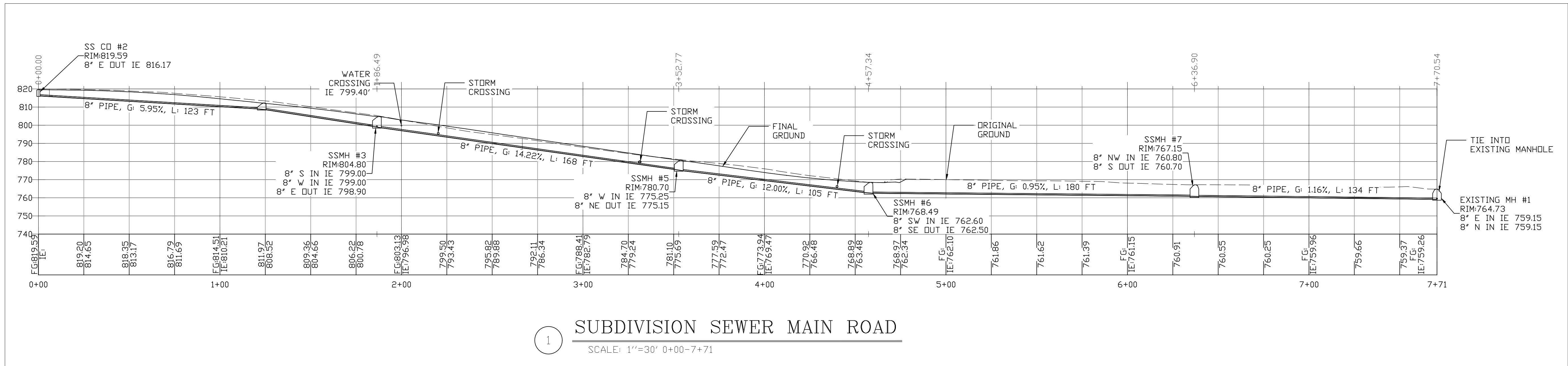
**PSE**  
DUSTIN D. CONROY  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER

NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
WATER DETAILS

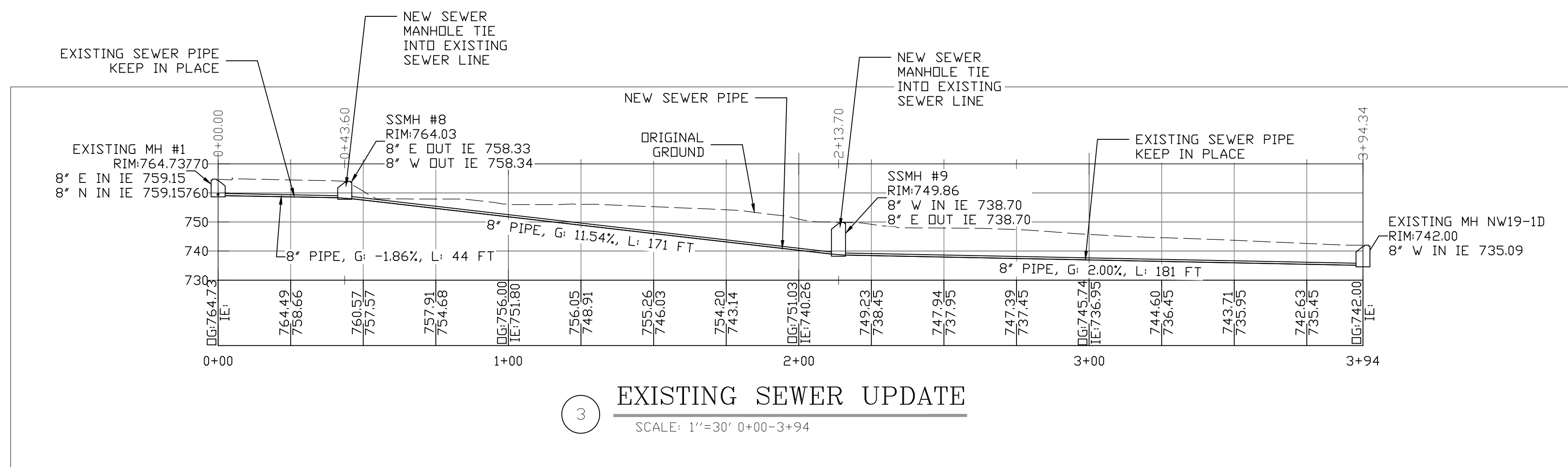
No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**7.2**  
SCALE: AS NOTED  
JOB NO. REV.  
**19-XX**

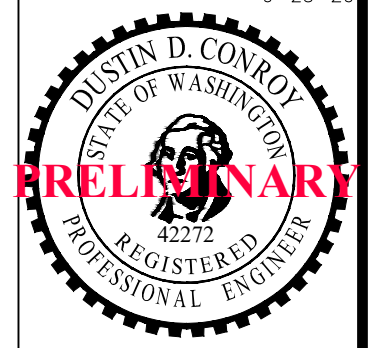




- NOTES**
- SEWER DETAILS ON SHEET 8.2
  - CONTRACTOR TO VERIFY DEPTH AND LOCATION OF EXISTING SEWER LINE BEFORE START OF CONSTRUCTION



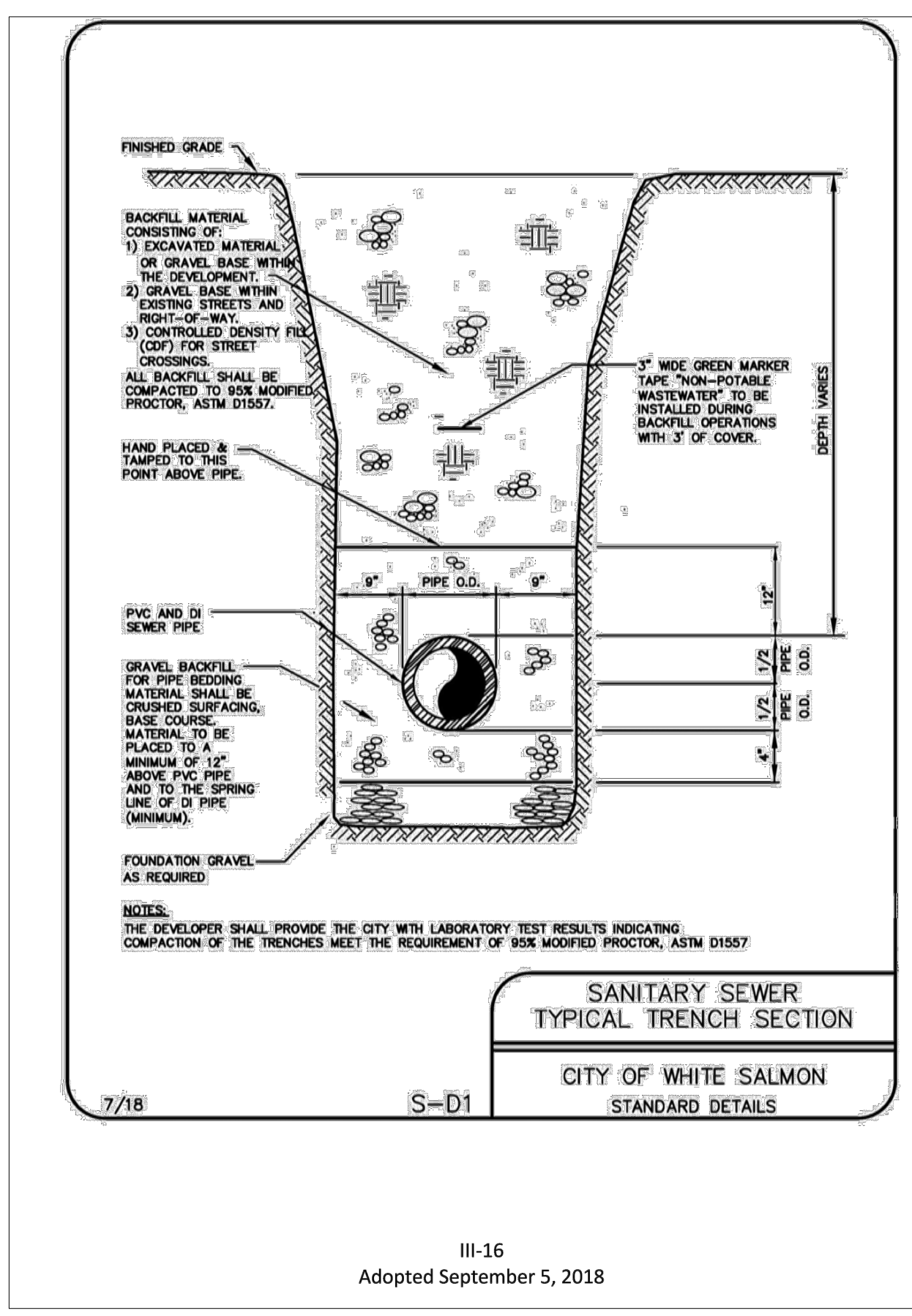
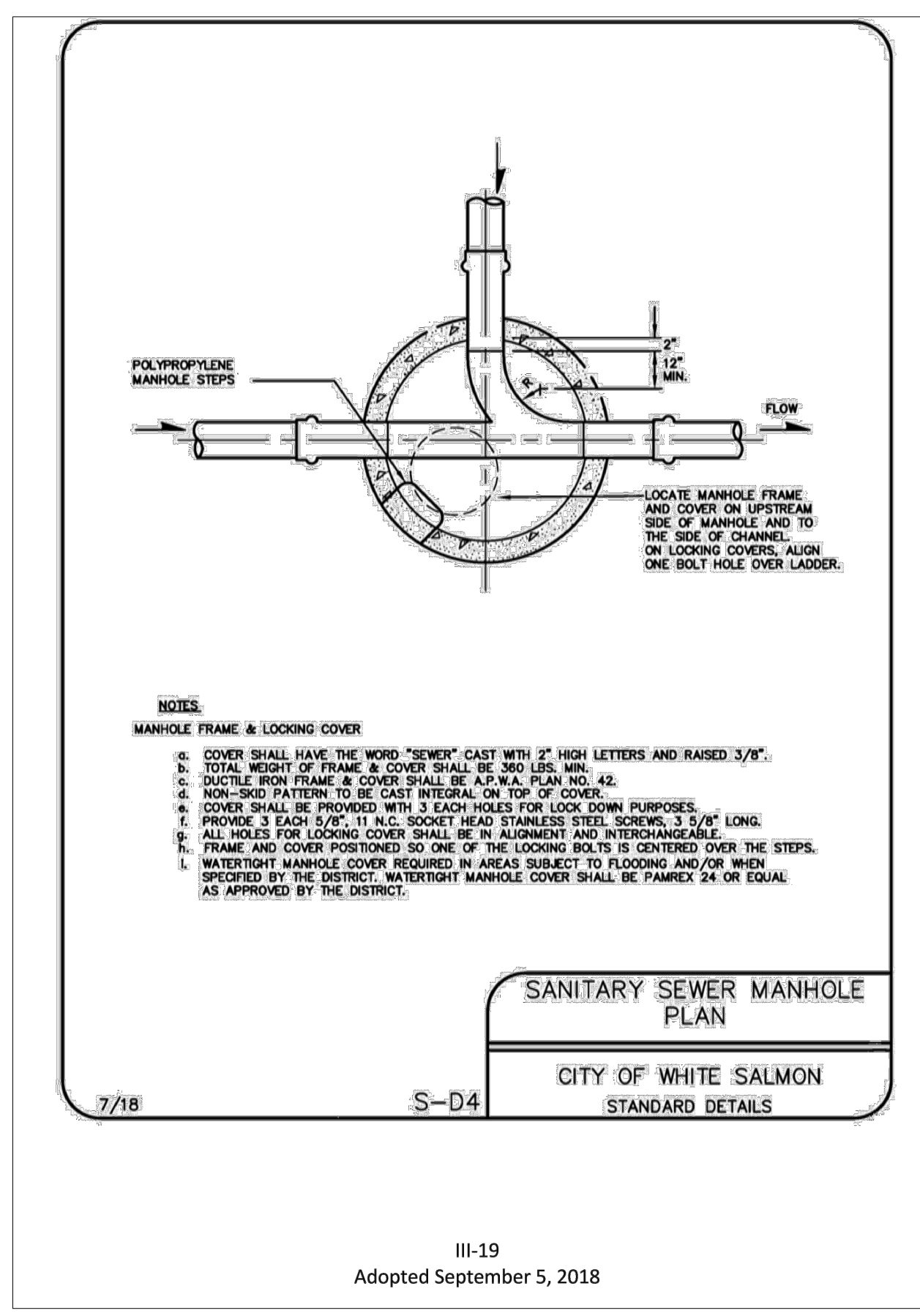
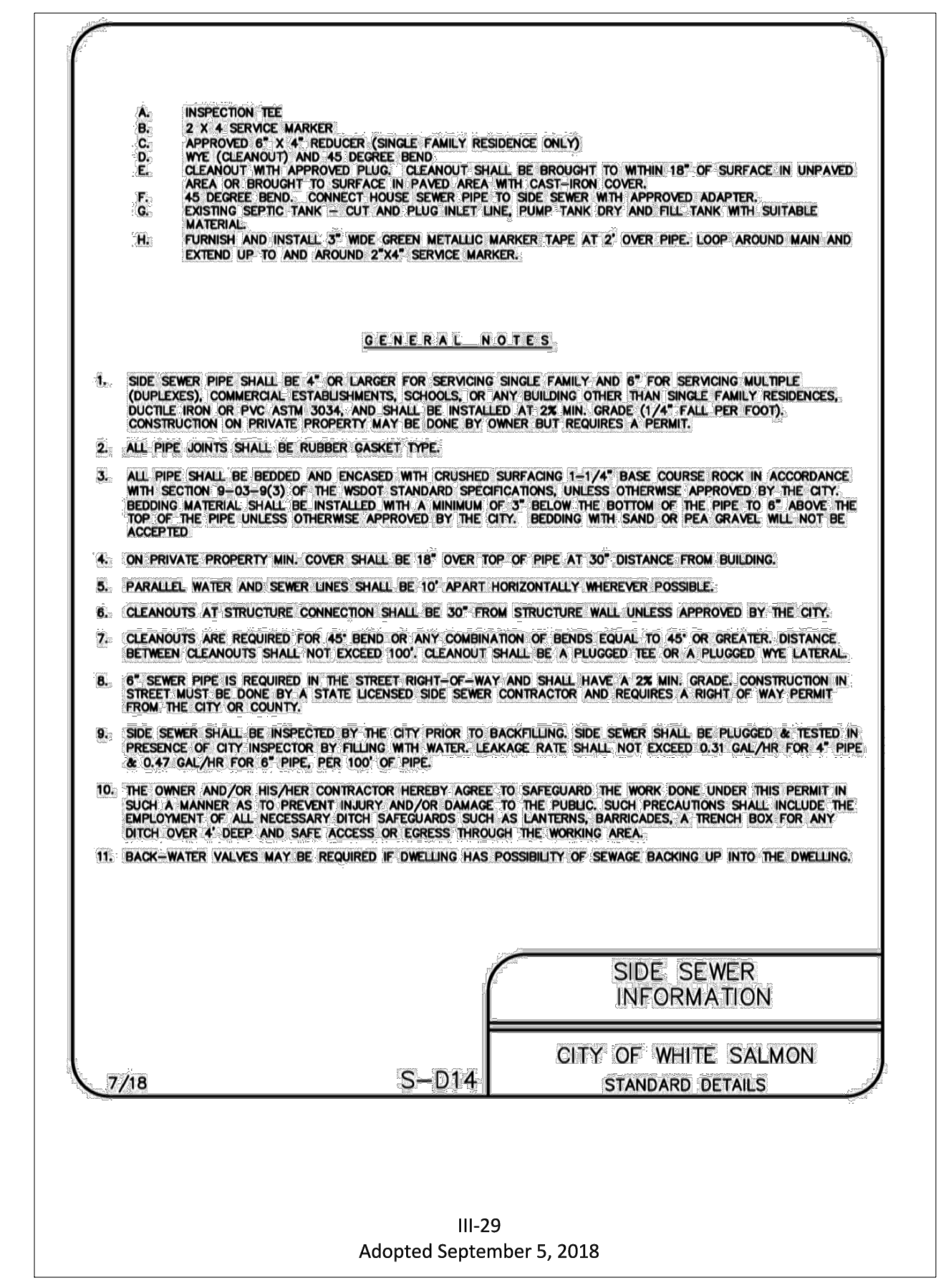
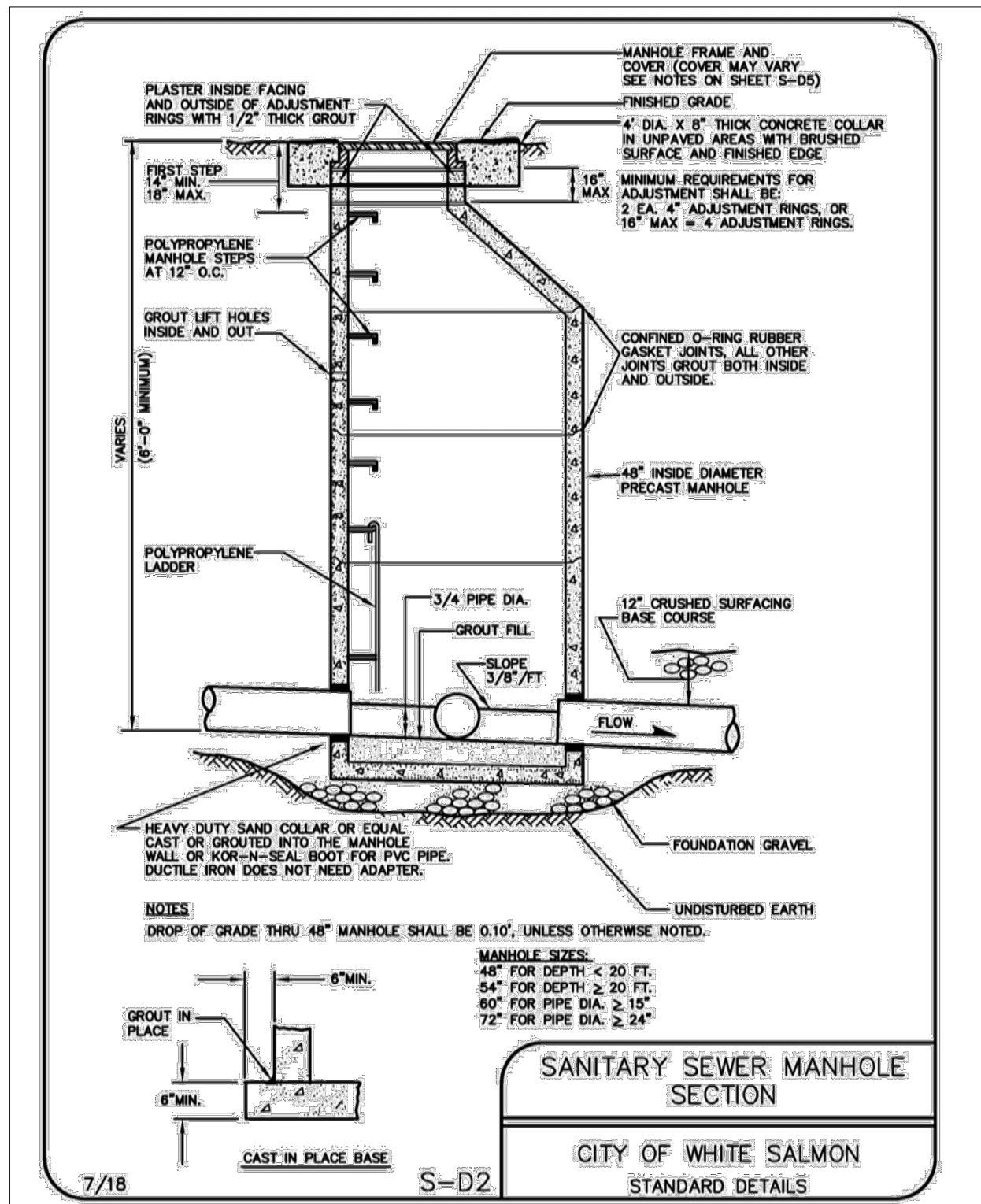
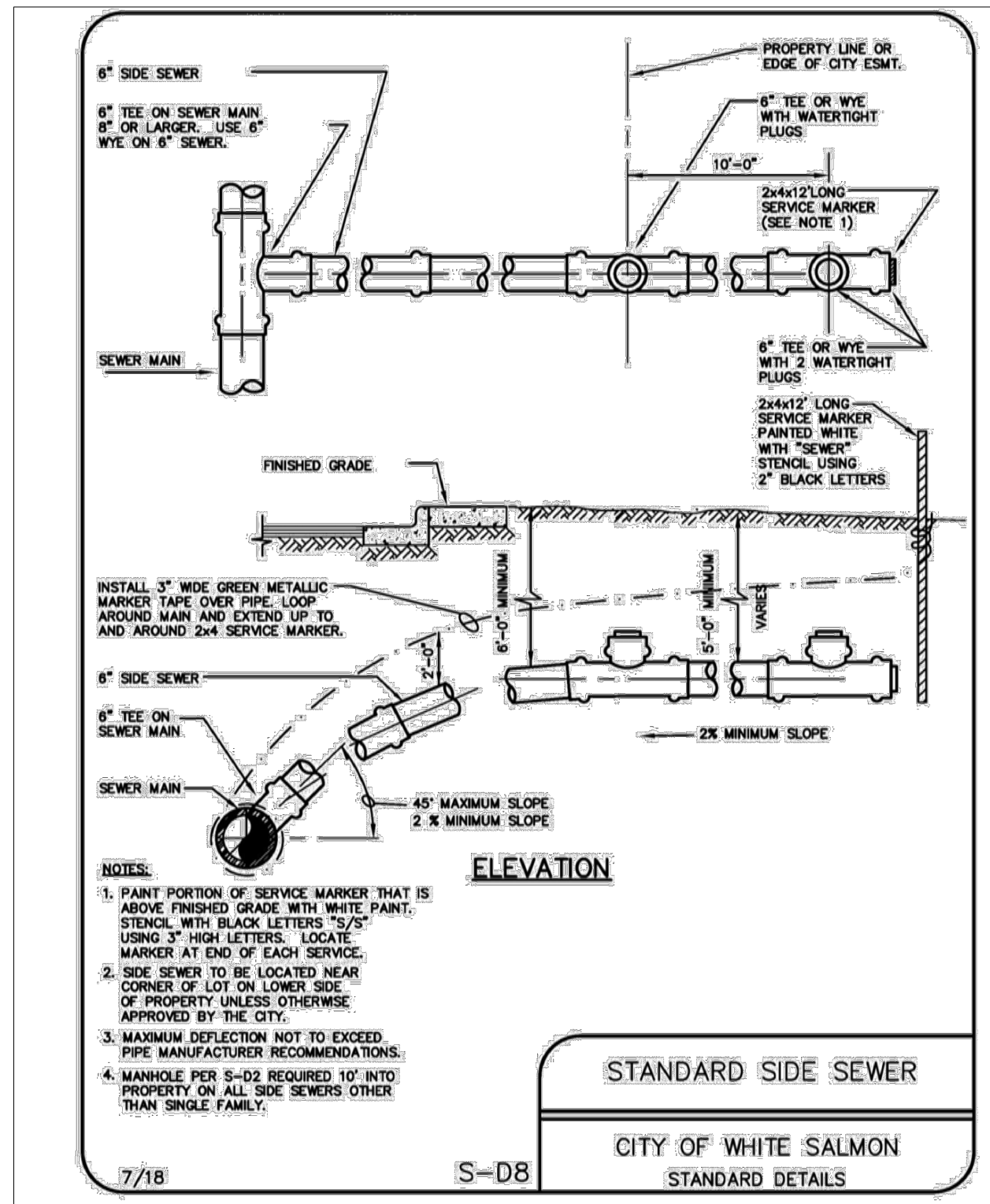
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**NANCY WHITE SUBDIVISION**  
WHITE SALMON, WA  
SANITARY SEWER PROFILE

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	8-16-2022	SUBMITTED FOR REVIEW

SHEET NO. **8.1**  
SCALE: AS NOTED  
JOB NO. **19-XX** REV. **0**



III-29  
Adopted September 5, 2018

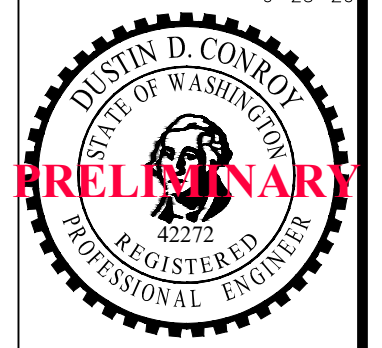
III-23  
Adopted September 5, 2018

III-17  
Adopted September 5, 2018

III-19  
Adopted September 5, 2018

III-16  
Adopted September 5, 2018

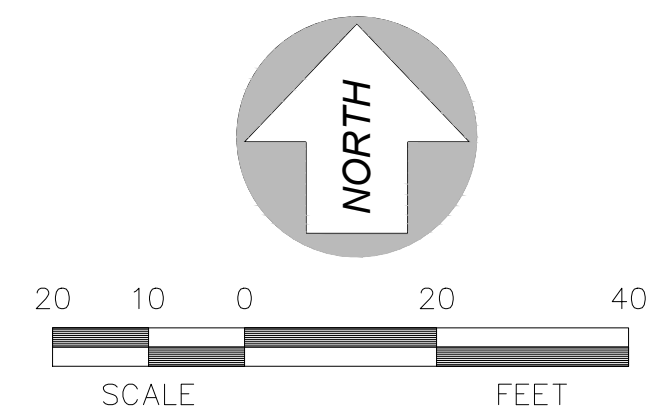
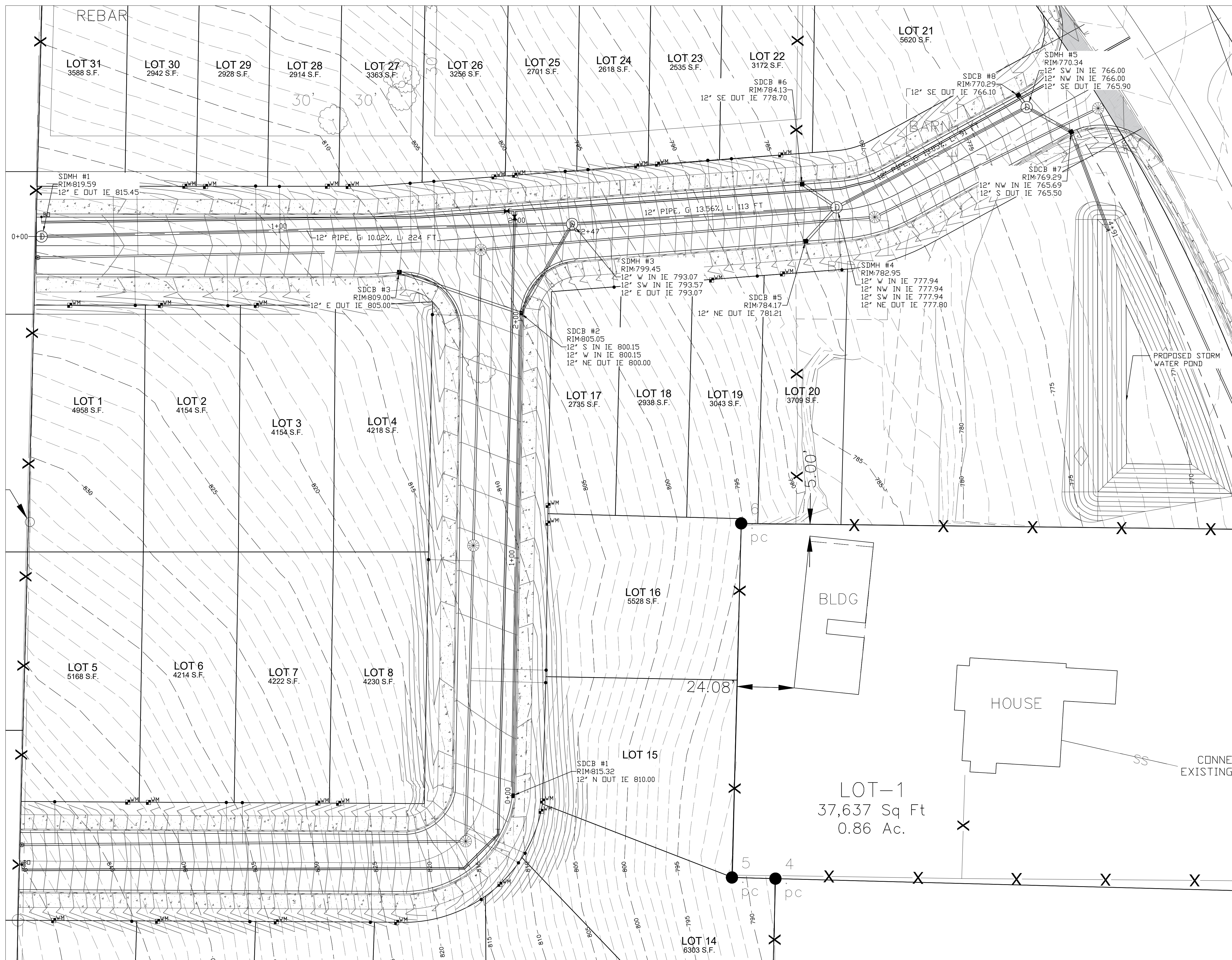
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NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
SANITARY SEWER DETAILS

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**8.1**  
SCALE: AS NOTED  
JOB NO. REV.  
**19-XX**



NOTES  
 1. STORM WATER DETAILS ON SHEET 8.2

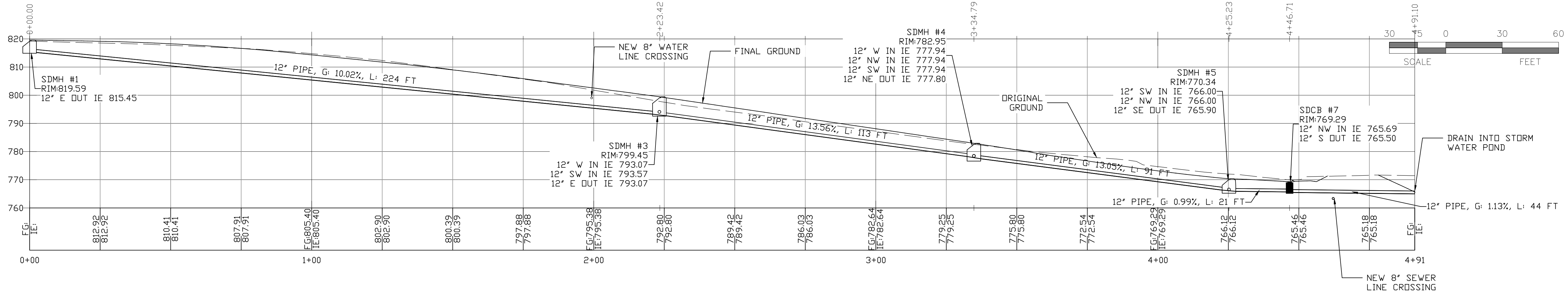
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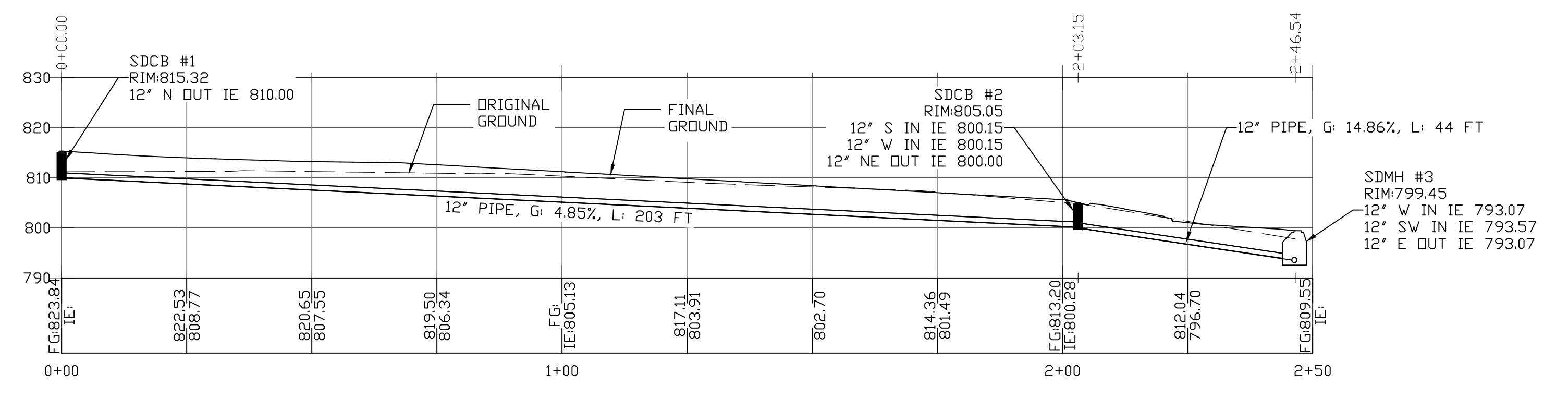
**NANCY WHITE SUBDIVISION**  
 WHITE SALMON, WA  
 STORM WATER PLAN

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO.  
**9.0**  
 SCALE: AS NOTED  
 JOB NO. **19-XX** REV. **0**

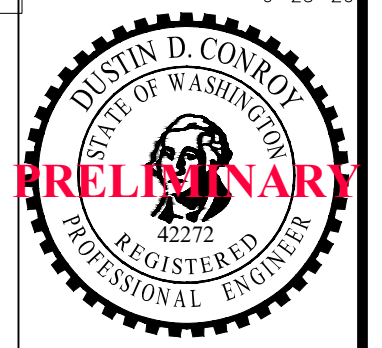


1 SUBDIVISION STORM WATER MAIN ROAD  
SCALE: 1"=30' 0+00-5+13



2 SUBDIVISION STORM SECONDARY ROAD  
SCALE: 1"=20' 0+00-2+50

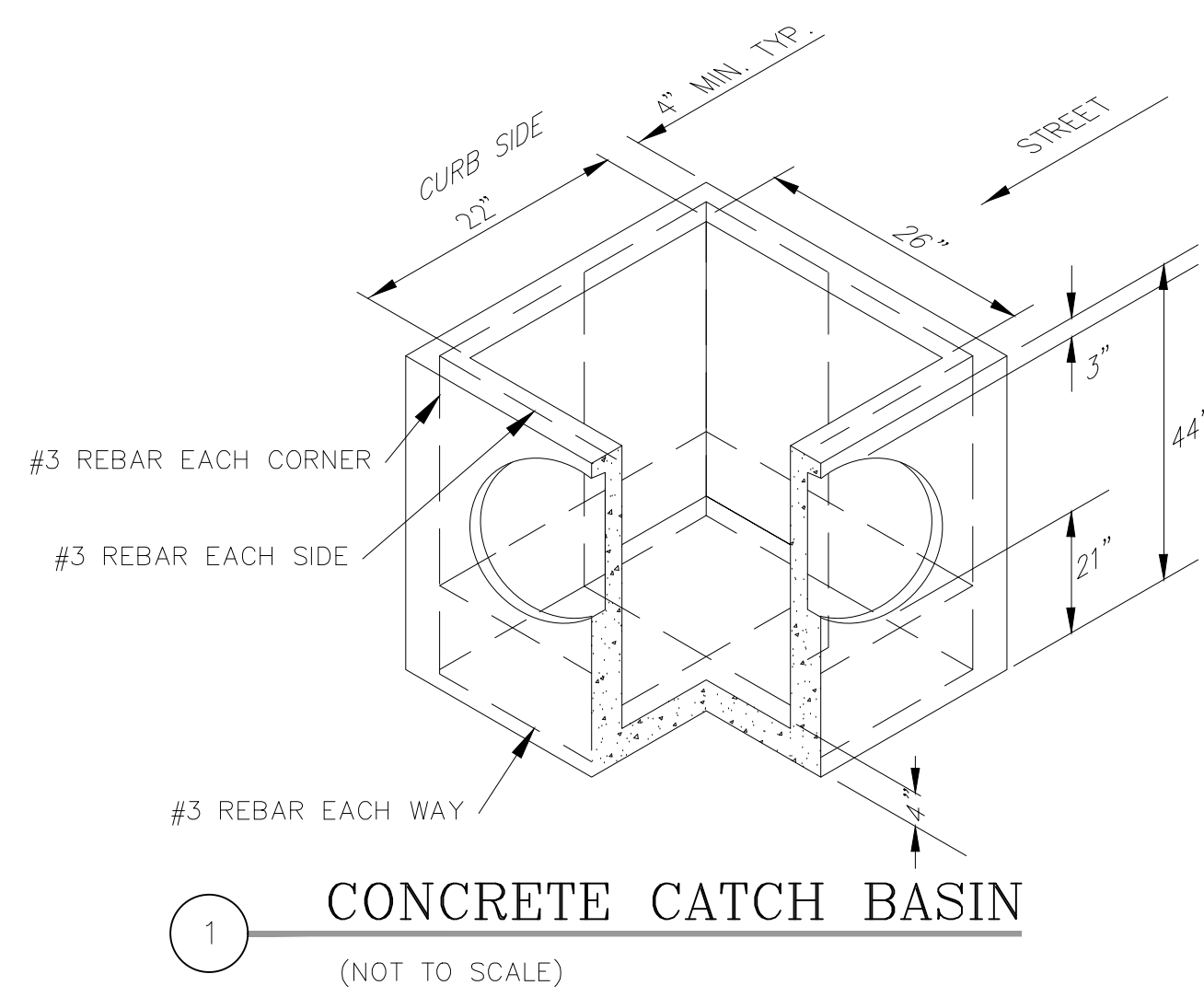
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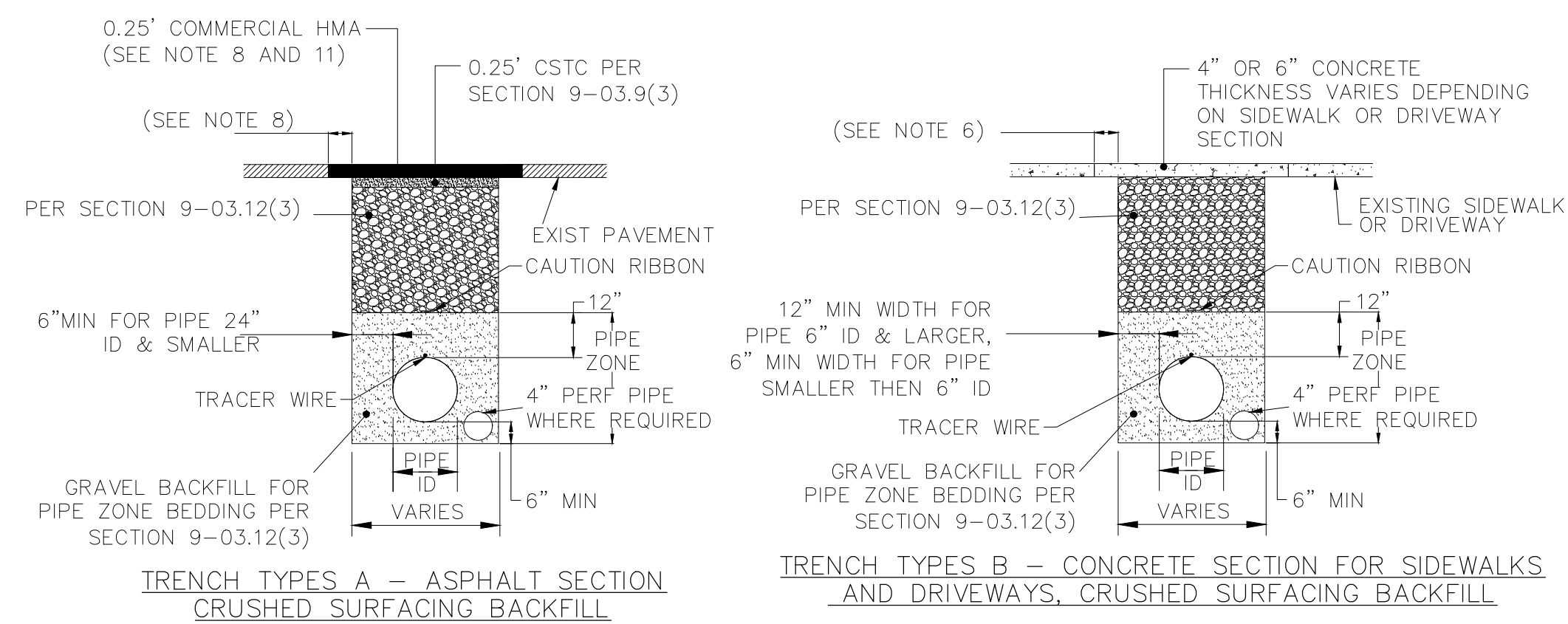
NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
STORM WATER PROFILE

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

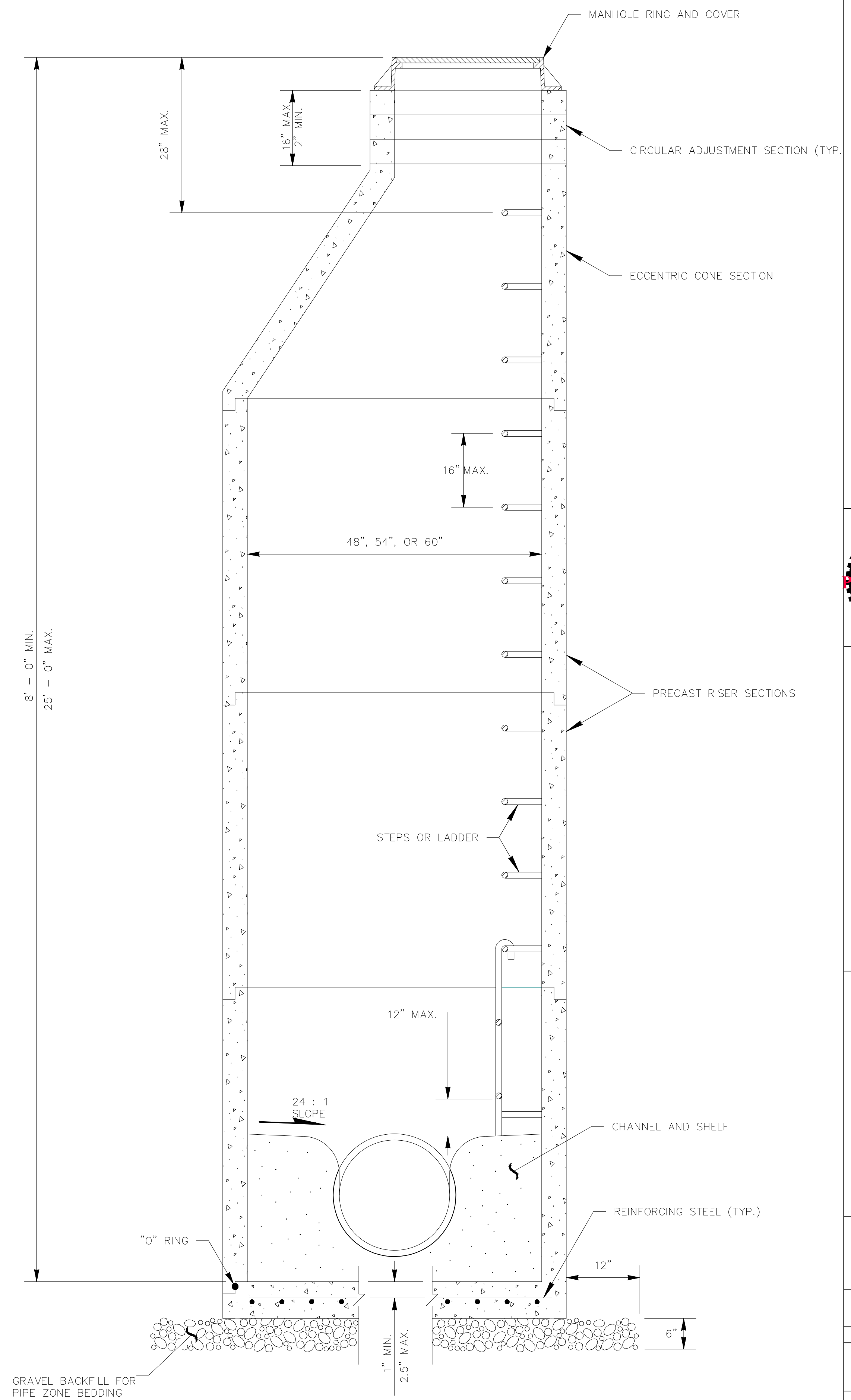
SHEET NO.  
**9.1**  
SCALE: AS NOTED  
JOB NO. REV.  
**19-XX**



1 CONCRETE CATCH BASIN  
(NOT TO SCALE)

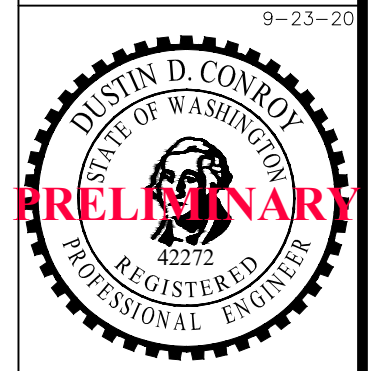


2 TRENCHING DETAILS  
(NOT TO SCALE)



3 MANHOLE DETAIL  
(NOT TO SCALE)

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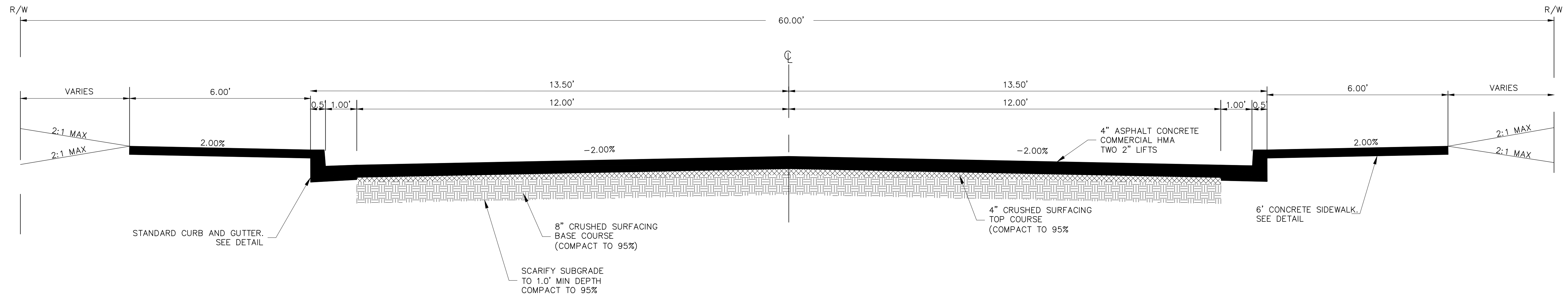


**NANCY WHITE SUBDIVISION**  
WHITE SALMON, WA  
STORM WATER DETAILS

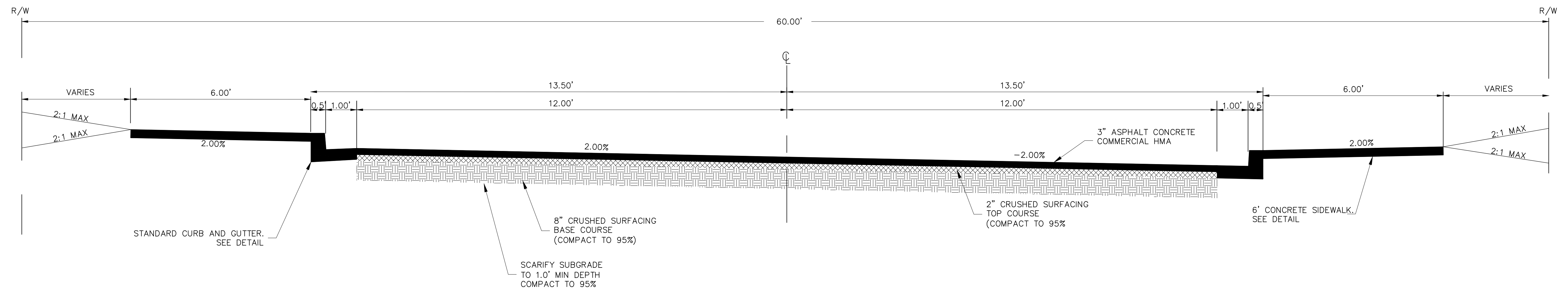
No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

SHEET NO. 9.2  
SCALE: AS NOTED  
JOB NO. 19-XX  
REV. 0



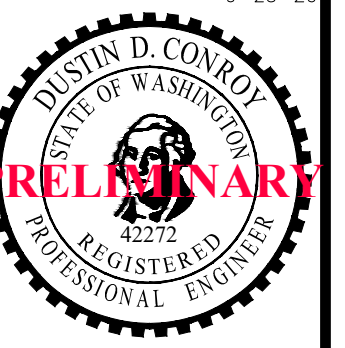


1 MAIN ROAD SECTION  
MAIN ROAD STATION 0+00-4+67



2 CUL DE SAC ROAD SECTION  
CUL DE SAC SECTION 0+00-2+86

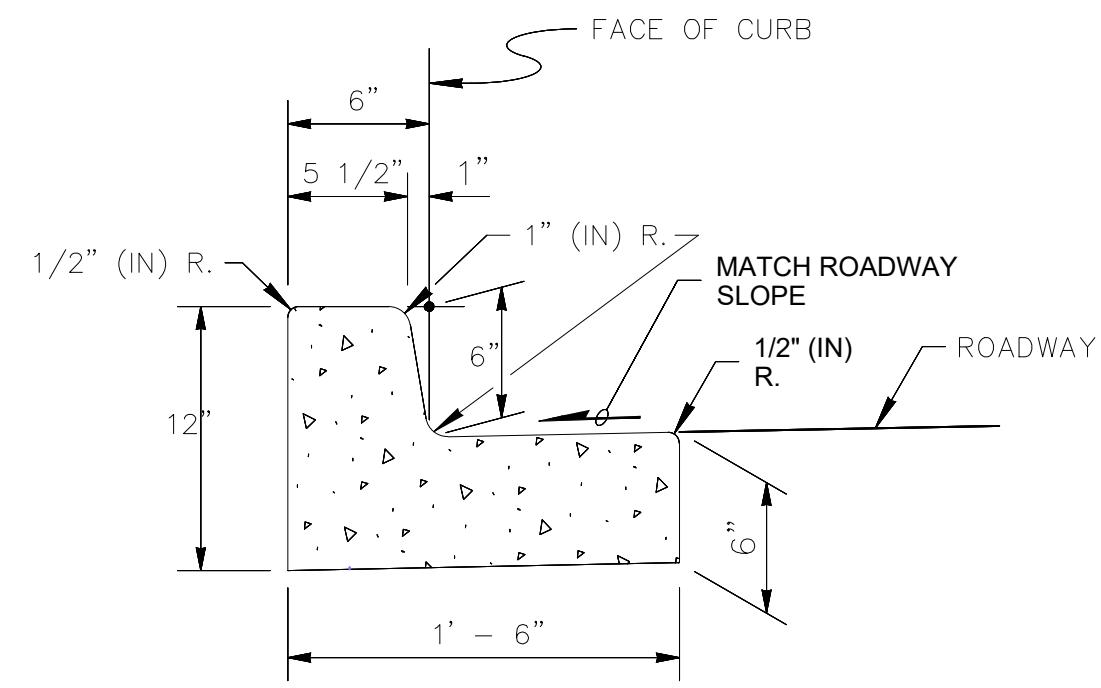
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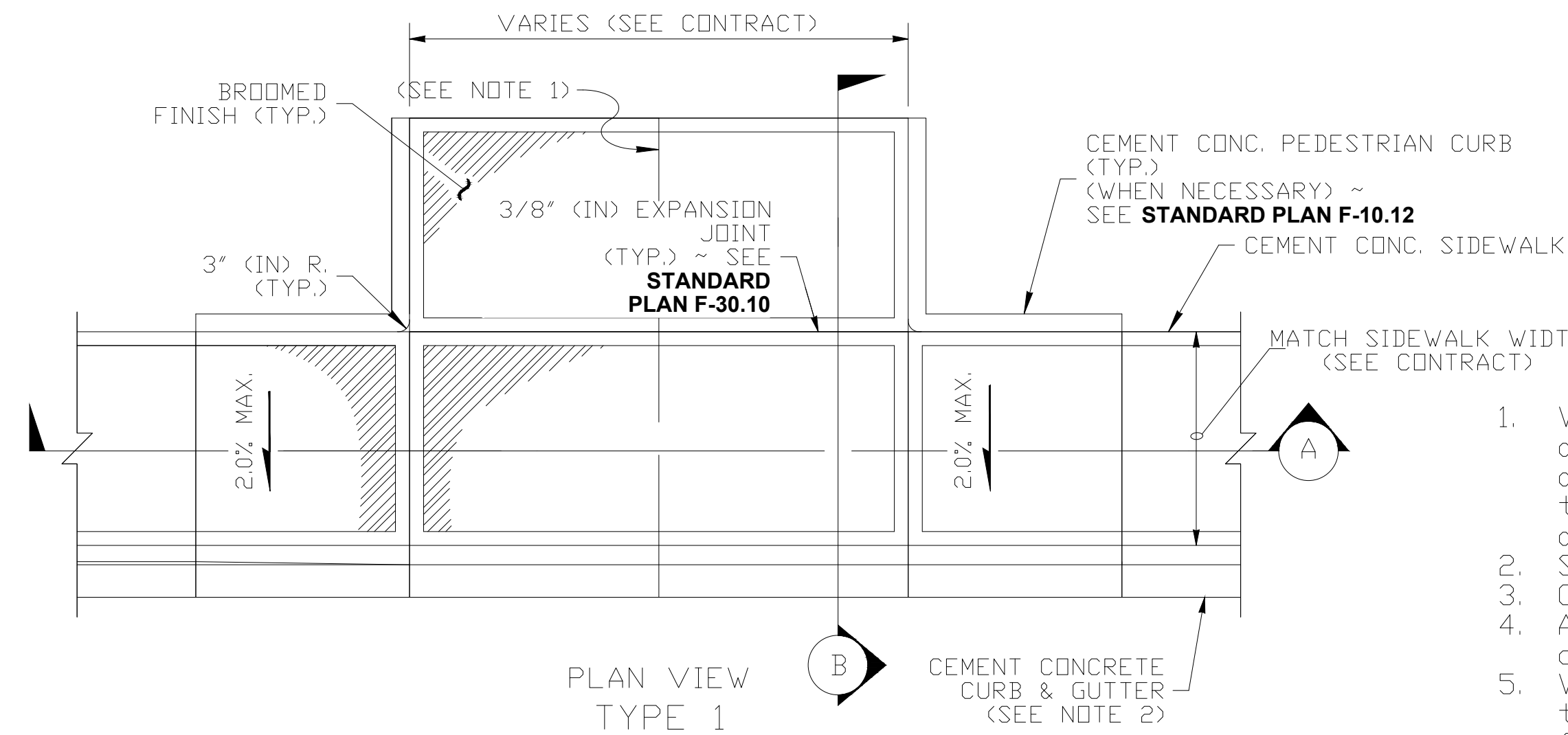
NANCY WHITE SUBDIVISION  
WHITE SALMON, WA  
ROAD SECTIONS

No.	Date	Revisions
2.0	12-20-2022	SUBMITTED FOR REVIEW
1.0	6-16-2022	SUBMITTED FOR REVIEW

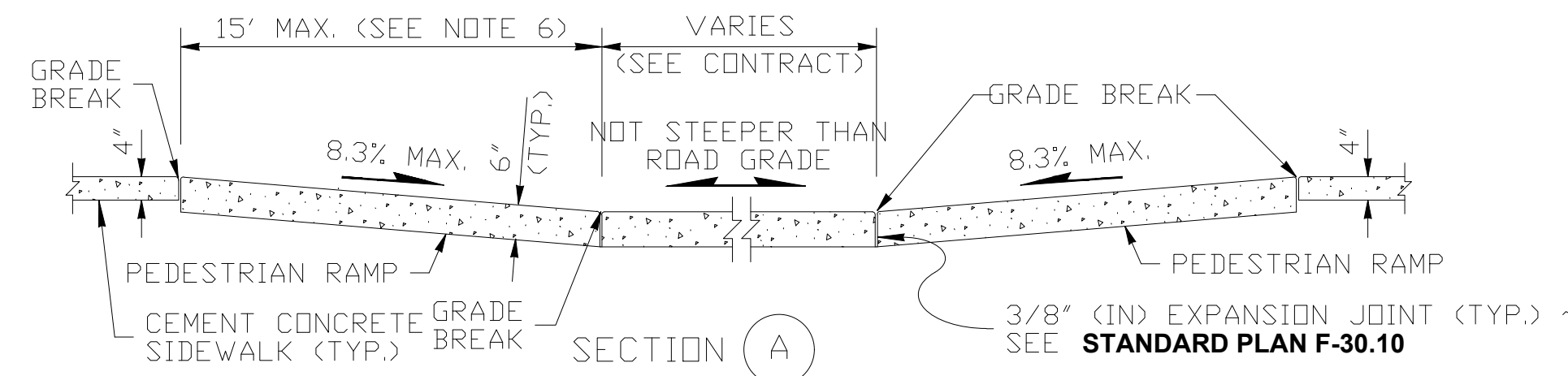
SHEET NO.  
10.0  
SCALE: AS NOTED  
JOB NO. REV.  
19-XX 0



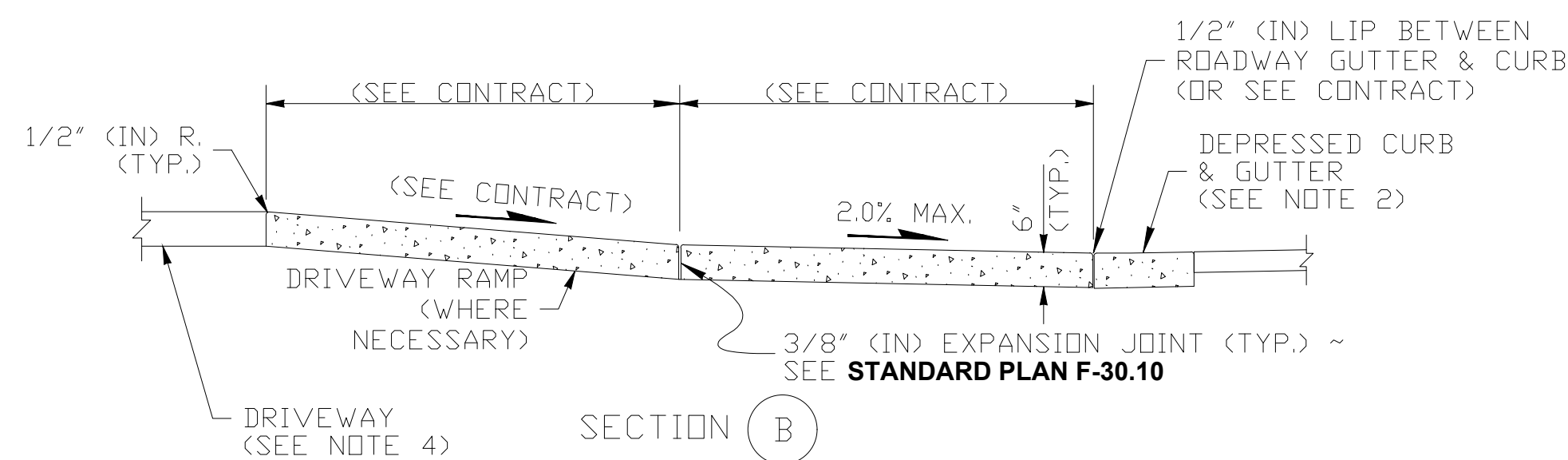
**1 CONCRETE CURB AND GUTTER**  
(NOT TO SCALE)



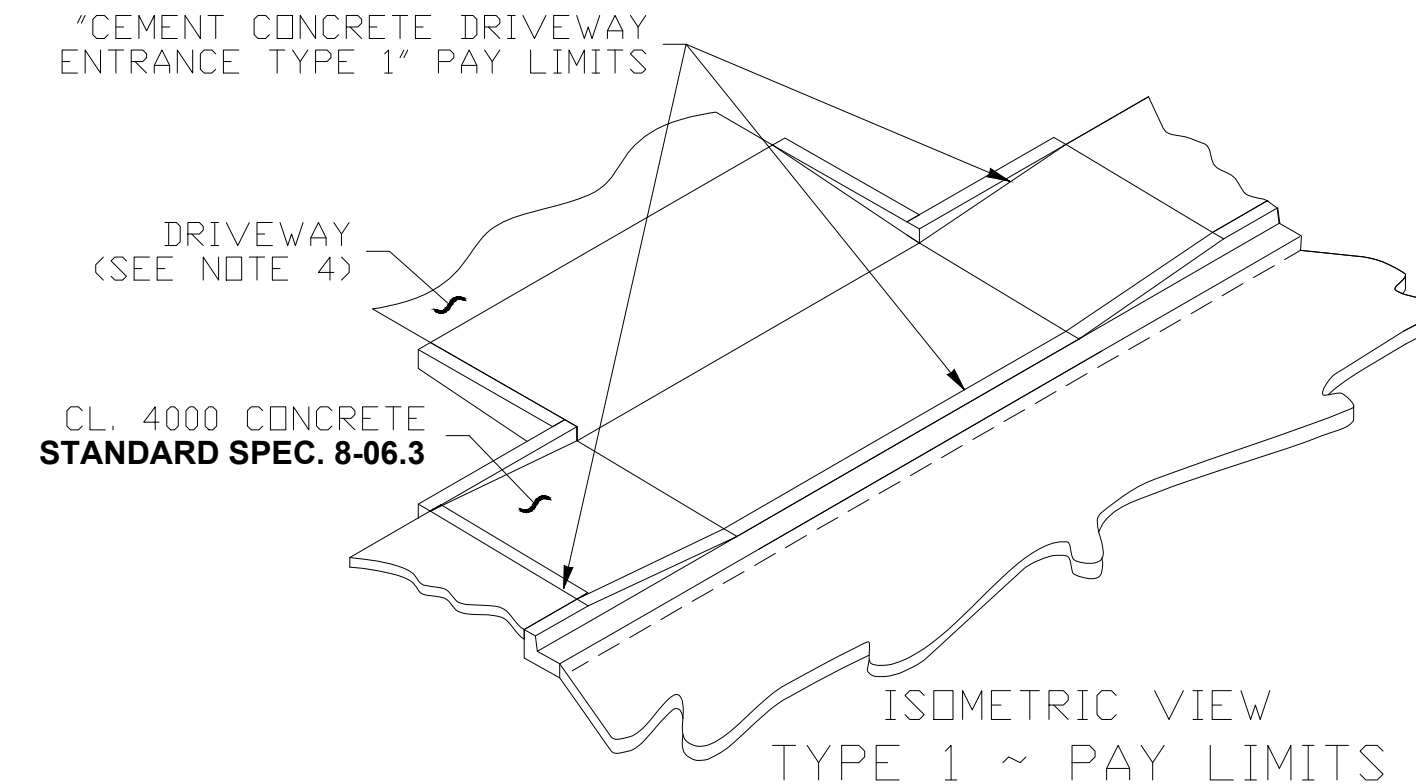
**PLAN VIEW TYPE 1**



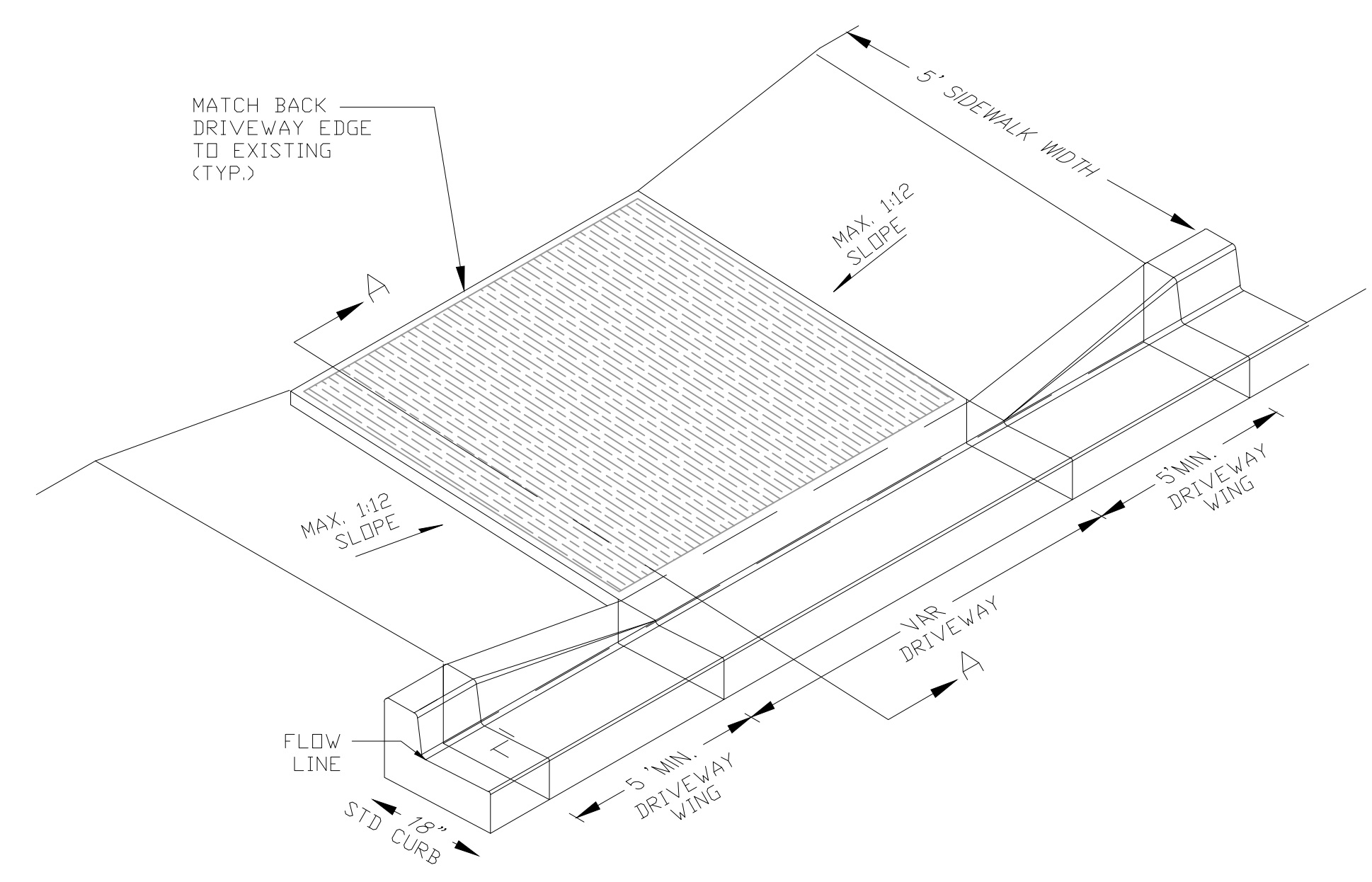
**SECTION A**



**SECTION B**



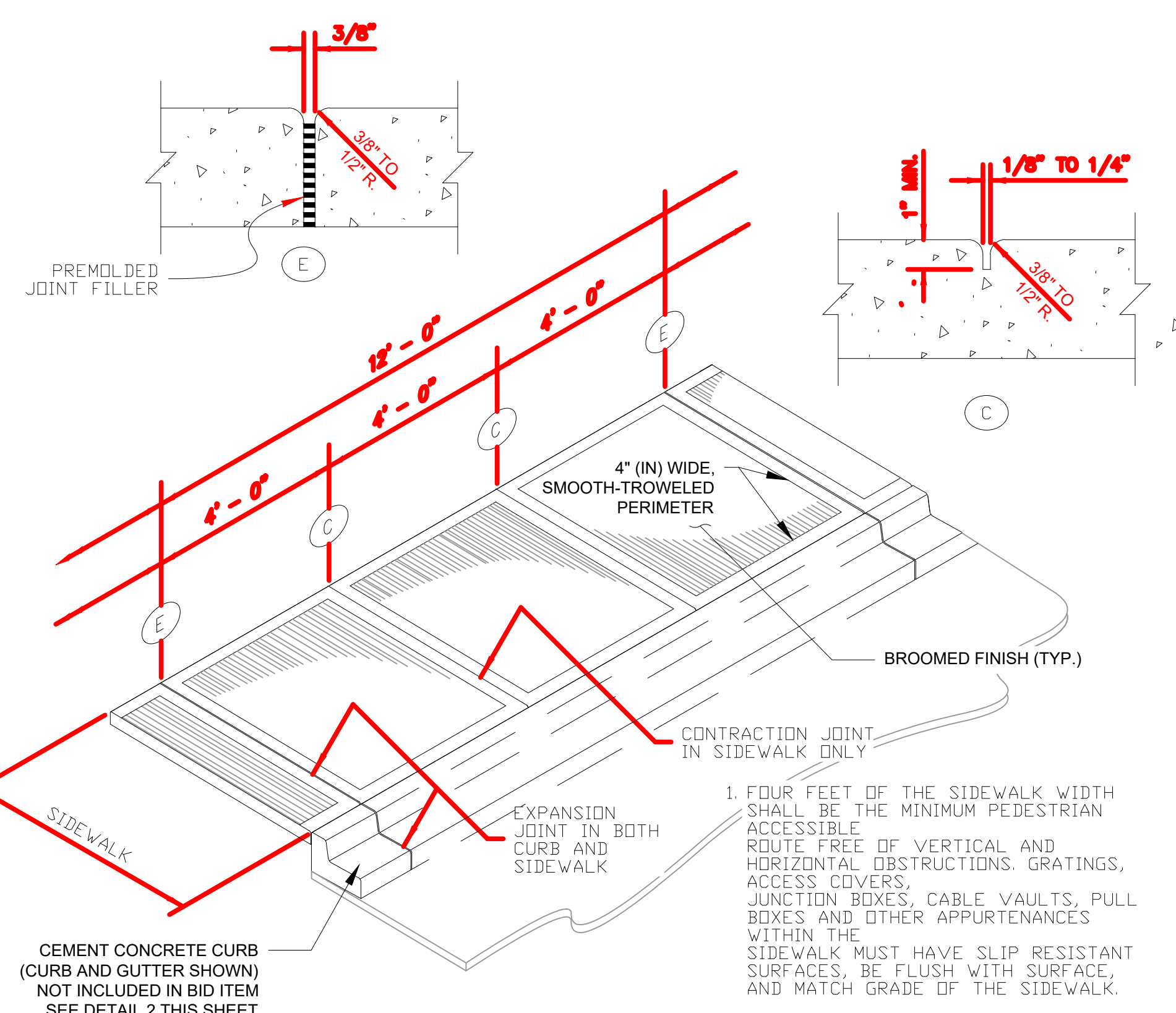
**ISOMETRIC VIEW TYPE 1 ~ PAY LIMITS**



**4 CONCRETE DRIVEWAY DETAIL**  
(NOT TO SCALE)

**LEGEND**  
SLOPE IN EITHER DIRECTION

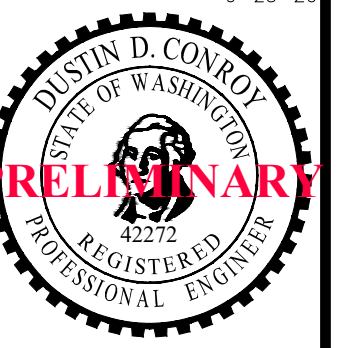
- NOTES**
- When the driveway width exceeds 15' (ft), construct a full depth expansion joint with 3/8" (in) joint filler along the driveway centerline. Construct expansion joints parallel with the centerline as required at 15' (ft) maximum spacing when driveway widths exceed 30' (ft).
  - See **detail 2** for sidewalk details.
  - Curb and gutter shown; see detail 1 for the curb design.
  - Avoid placing drainage structures, junction boxes or other obstructions in front of driveway entrances.
  - Where "GRADE BREAK" is called out, the entire length of the line between the two adjacent surface planes shall be flush.
  - The curb ramp maximum running slope shall not require the ramp length to exceed 15' (ft) to avoid chasing the slope indefinitely when connecting to steep grades. When applying the 15' (ft) max. length, the running slope of the curb ramp shall be as flat as feasible.
  - Beyond limits shown. Pay item does not include driveway. See Contract Plans.



**2 CEMENT CONCRETE SIDEWALK**  
(NOT TO SCALE)

**3 CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1**  
(NOT TO SCALE)

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WHITE SALMON, WA  
DETAILS

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SHEET NO.  
**11.0**  
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JOB NO. REV.  
**19-XX**