

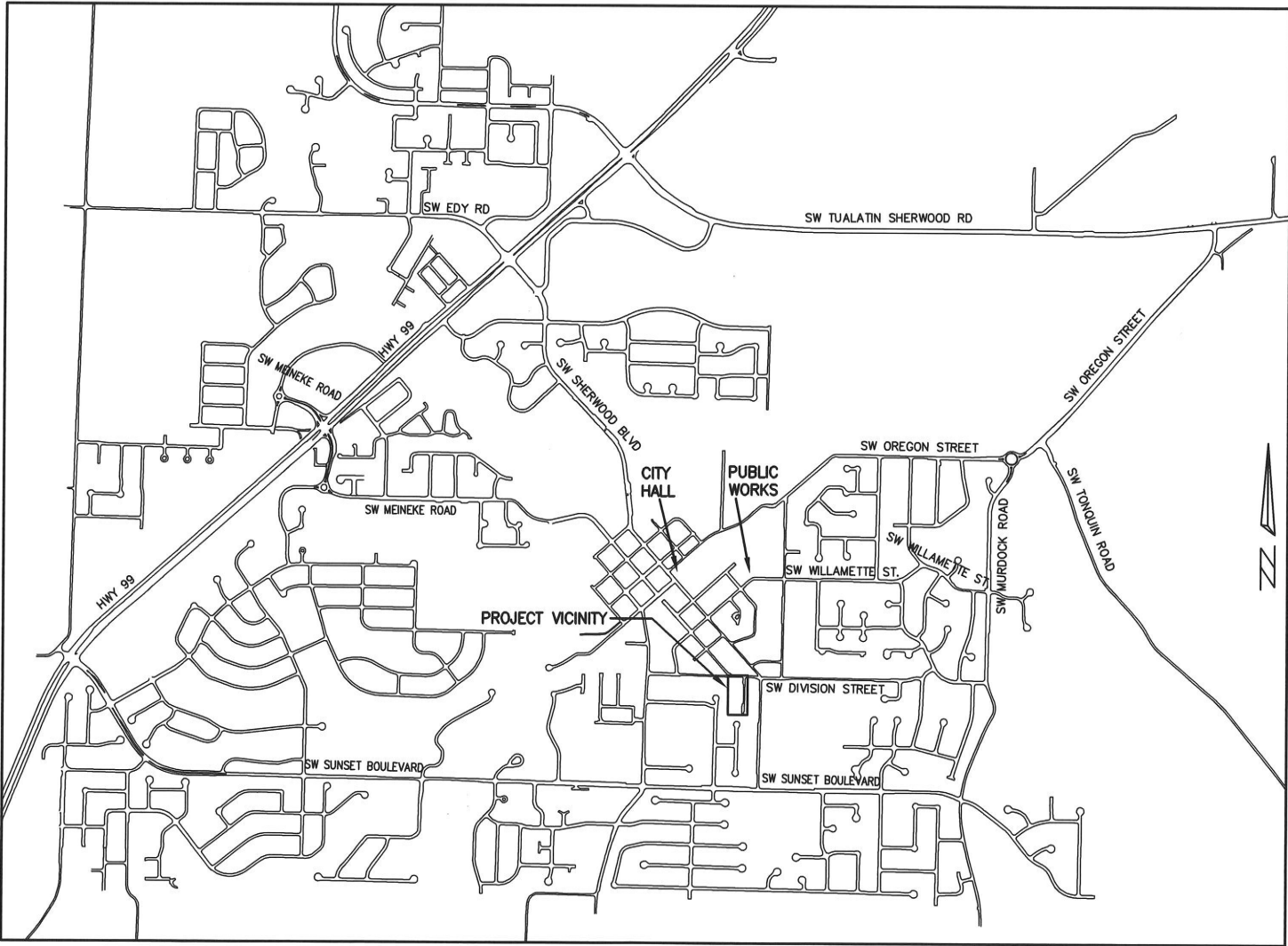
CITY OF SHERWOOD
SCHAMBURG STREET, STORM, AND SANITARY REHABILITATION
DECEMBER 2024
(CONTRACT DRAWINGS)

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PROJECT LOCATIONS:
DIVISION STREET AT WASHINGTON STREET
SOUTHWARD WITHIN BACK YARDS OF
HOMES ON SCHAMBURG DRIVE, DIVISION
STREET BETWEEN WASHINGTON STREET
AND SCHAMBURG STREET, ALL OF
SCHAMBURG STREET.

DEVELOPER/OWNER:
CITY OF SHERWOOD
22560 SW PINE ST
SHERWOOD, OREGON 97140
CONTACT: CRAIG CHRISTENSEN, P.E.
PH. 503-925-2301
CHRISTENSENC@SHERWOODOREGON.GOV



SURVEY INFORMATION:

- 1. HORIZONTAL DATUM: A LOCAL DATUM PLANE DERIVED FROM STATE PLANE OREGON NORTH 3601 NAD83(2011)EPOCH: 2010.0000 BY MULTIPLYING BY A PROJECT MEAN GROUND COMBINED SCALE FACTOR OF 1.0001127476 AT A CENTRAL PROJECT POINT WITH INTERNATIONAL FOOT STATE PLANE GRID COORDINATES N623557.930 E7601984.560 AND A MERIDIAN CONVERGENCE ANGLE OF -1'39'21". STATE PLANE COORDINATES WERE DERIVED FROM GPS OBSERVATIONS USING THE TRIMBLE VRS NOW NETWORK. DISTANCES SHOWN ARE INTERNATIONAL FOOT GROUND VALUES.
- 2. VERTICAL DATUM: ELEVATIONS ARE BASED ON WASHINGTON COUNTY BENCHMARK NO. 39. A BRASS DISK SET IN CONCRETE POST WITH SPIKES ON THE SOUTH SIDE OF HIGHWAY 99W AND ON THE WEST SIDE OF SW LANGER DRIVE; DISK LIES 44 FEET SOUTH OF THE SOUTH EDGE OF THE EASTBOUND LANES OF HIGHWAY 99W, 19.5 FEET EAST OF PGE POST #11, AND 4 FEET WEST OF THE WEST TOP BACK OF THE CURB ON SW LANGER ROAD. ELEVATION = 210.23 FEET (NGVD 29).

THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO UTILITY INFRASTRUCTURE IS DESIGNED TO BE WITHIN ONE (1) FOOT OF A SURVEY MONUMENT LOCATION SHOWN ON A SUBDIVISION OR PARTITION PLAT. NO DESIGN EXCEPTIONS NOR FINAL FIELD LOCATION CHANGES SHALL BE PERMITTED IF THAT CHANGE WOULD CAUSE ANY UTILITY INFRASTRUCTURE TO BE PLACED WITHIN THE PROHIBITED AREA.

ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-011-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BEFORE COMMENCING ANY EXCAVATION. CALL (503) 246-6699.



VICINITY MAP
NOT TO SCALE

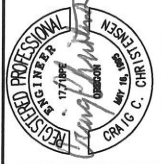
INSPECTOR INFORMATION:

CITY OF SHERWOOD: ANDY STIRLING (503) 925-2307
CONTACT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION.

SCHAMBURG STREET, STORM AND SANITARY
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	AS NOTED
DATE:	DECEMBER, 2024
SCHAMBURG SSS SHEETS	

REVISIONS	
JOB NO.	
SHEET NO.	1
OF 18	

COVER SHEET

GENERAL NOTES

STATE OF OREGON MINIMUM PREVAILING WAGE REQUIREMENTS WILL APPLY TO ALL WORK PERFORMED UNDER THIS PROJECT.

- ALL CONSTRUCTION WORK, MATERIALS AND TESTING SHALL CONFORM TO THE APPLICABLE SECTION OF THE CITY OF SHERWOOD ENGINEERING DESIGN AND STANDARD DETAILS MANUAL. CONTRACTOR AND SUBCONTRACTOR(S) SHALL HAVE A MINIMUM OF ONE SET OF APPROVED PLANS AND CITY OF SHERWOOD CONSTRUCTION SPECIFICATIONS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROCURE ALL APPLICABLE PERMITS, LICENSES, AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND LOCAL, RELATING TO THE PERFORMANCE OF THIS WORK. A CITY OF SHERWOOD OR A METRO BUSINESS LICENSE IS REQUIRED FOR THE CONTRACTOR AND ALL SUBCONTRACTORS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION AND ARRANGE FOR PROTECTION OF UTILITIES IN CONFLICT WITH PROPOSED WORK. THE LOCATIONS, DEPTH AND DESCRIPTION OF EXISTING UTILITIES SHOWN WERE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. ADDITIONAL UTILITIES MAY EXIST WITHIN THE WORK AREA. POTHOLING PRIOR TO CONSTRUCTION MAY BE NECESSARY. ALL WORK TO VERIFY UTILITY LOCATIONS AND DEPTHS IS INCIDENTAL.
- OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987 OR BY ACCESSING THE INTERNET AT WWW.STATE.OR.US/GOVERNMENT.HTM. THE CONTRACTOR MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL (503) 246-6699.
- THE CONTRACTOR SHALL MAKE PROVISIONS TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED UTILITIES USING MATERIAL AND METHODS APPROVED BY THE UTILITY OWNER. NO SERVICE INTERRUPTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN AGREEMENT WITH THE UTILITY PROVIDER AND NOTIFICATION TO SERVICE CUSTOMER. REPAIR TO UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PRUNE ALL VEGETATION, AS NECESSARY FOR EQUIPMENT CLEARANCES AWAY AND UP FROM THE STREET AND SIDEWALK. AS WELL AS ANY ROOT PRUNING AS DETERMINED BY THE ENGINEER OR INSPECTOR. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING THAT IS TO REMAIN. DAMAGE TO TREES AND SHRUBS IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR. COST OF TREE PRUNING IS INCIDENTAL.
- CONTRACTOR SHALL NOTIFY THE CITY OF SHERWOOD 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS, EXCEPT FOR NORMAL RESUMPTION OF WORK FOLLOWING SATURDAYS, SUNDAYS, OR HOLIDAYS.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF TREES, STUMPS, BRUSH, ROOTS, EXCESS TOPSOIL, AND OTHER EXCESS MATERIAL OFF SITE. MATERIALS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO MEET ALL APPLICABLE REGULATIONS. DISPOSAL LOCATION INFORMATION TO BE PROVIDED TO CITY PRIOR TO BEGINNING ANY WORK.
- CONSTRUCTION VEHICLES SHALL PARK AT A LOCATION APPROVED BY THE INSPECTOR OR AT A LOCATION(S) INDICATED ON AN APPROVED PLAN. HOURS OF CONSTRUCTION SHALL BE AS SPECIFIED IN THE PLANS. CONSTRUCTION IS PROHIBITED ON SATURDAY AND SUNDAY UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE PUBLIC WORKS DIRECTOR AND CITY MANAGER. CONSTRUCTION ACTIVITIES INCLUDE ALL FIELD MAINTENANCE OF EQUIPMENT, REFUELING, AND PICK UP AND DELIVERY OF EQUIPMENT AS WELL AS THE ACTUAL CONSTRUCTION ACTIVITY.
- AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN UP THE PROJECT AREA AND LEAVE IT IN A NEAT AND SECURED MANNER. UPON COMPLETION, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL.
- THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES WITH ALL KNOWN CHANGES REDLINED ON THE WORKING PLAN SET FOR THE SOLE PURPOSE OF RECORDING AS BUILT INFORMATION OF IMPROVEMENTS AND LOCATION AND DEPTH OF ANY EXISTING UTILITIES ENCOUNTERED.
- ANY ALTERATIONS OR VARIATIONS FROM THESE PLANS EXCEPT MINOR FIELD ADJUSTMENTS NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL BE APPROVED BY THE ENGINEER AND APPLICABLE REGULATORY AGENCY REPRESENTATIVE. CONTRACTOR SHALL KEEP RECORD OF ALL CHANGES AND NOTE ON AS BUILT PLANS. CONTRACTOR SHALL SUBMIT ACCURATE AND COMPLETE "AS-BUILT" INFORMATION TO THE ENGINEER UPON COMPLETION OF CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS, APPLICABLE AGENCY REQUIREMENTS AND OTHER WORK AS NECESSARY TO PROVIDE A COMPLETE PROJECT.
- CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT BE LIMITED TO, GRADING, DITCHING, STRAW WATTLES, TRIANGULAR SILT DAMS, SILT FENCING, AND SEDIMENT BARRIERS TO MINIMIZE EROSION AND IMPACT TO ADJACENT PROPERTY. SEE EROSION AND SEDIMENT CONTROL NOTES AND PLANS.
- THE CONTRACTOR SHALL MAINTAIN AND COORDINATE ACCESS TO ALL AFFECTED PROPERTIES. THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS A MINIMUM OF 48 HOURS PRIOR TO ANY DRIVEWAY CLOSURES AND ASSIST PROPERTY OWNER WITH ALTERNATIVE PARKING AND ACCESS. PEDESTRIAN ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL PROVIDE RAMPS OR OTHER APPROVED METHODS FOR MAINTAINING ACCESS TO ENTRANCES. RAMPS SHALL BE ADA COMPLIANT, APPROVED BY THE ENGINEER, AND INCIDENTAL TO THE CONTRACT. RESIDENTIAL DRIVEWAYS MAY ONLY BE CLOSED FOR A MAXIMUM OF ONE DAY (7:00 AM TO 6:00 PM).
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE THE START OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE PLANS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE PROJECT ENGINEER FOR CLARIFICATION OR CORRECTION.
- ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL AGENCY OR PROJECT ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CITY STANDARDS AND PROJECT CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN CONFORMING TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION AND ACCORDING TO PROJECT SPECIFICATIONS. TRAFFIC CONTROL PLAN SHALL MATCH APPROVED PHASING/SEQUENCING PLAN AND SHALL BE SUBJECT TO THE APPROVAL BY THE CITY, WASHINGTON COUNTY AND/OR ODOT AS APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE TO THE CITY PROJECT MANAGER AND INSPECTOR A 24 HOUR CONTACT PERSON AND CELL PHONE NUMBER.
- NO TRENCHES OR PITS WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES AND PITS SHALL BE COVERED WITH STEEL PLATES OR FILLED IN AT NIGHT.
- PROPERTY LINES SHOWN ON ALL PLAN SHEETS ARE FOR GENERAL DELINEATION ONLY AND ARE, BY NO MEANS, MEANT TO REPRESENT THE ACTUAL BOUNDARIES.

- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL CONSTRUCTION SAFETY, HEALTH AND OTHER RULES AND REGULATIONS FROM OSHA, DEQ, STATE, AND LOCAL REGULATING AGENCIES FOR SAFETY AND INSTALLATION OF THE WORK INCLUDING BUT NOT LIMITED TO SHORING, BRACING, ERECTION/INSTALLATION, FALL PROTECTION, GUARDRAILS, ETC.
- CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES AND UTILITIES NOT SHOWN TO BE REMOVED. CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING STRUCTURES (SIDEWALKS, DRIVEWAYS, CURB, FENCE, STREET TREES, ETC.) DAMAGED DURING CONSTRUCTION, IN ACCORDANCE WITH CITY STANDARDS.
- EQUIPMENT PARKED ON SITE SHALL BE PARKED AWAY FROM AN INTERSECTION AT A LOCATION APPROVED BY THE INSPECTOR.
- WATER FOR CONSTRUCTION MAY BE OBTAINED FROM CITY FIRE HYDRANTS. INSTALL FIRE HYDRANT METER PRIOR TO DRAWING WATER. FIRE HYDRANT METER TO BE OBTAINED FROM CITY OF SHERWOOD WATER DEPARTMENT. COORDINATE WITH INSPECTOR. WATER/METER COSTS FOR CONSTRUCTION IS INCIDENTAL.
- ANY EXISTING SURFACE TO REMAIN (CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, ASPHALT, ETC.) THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AND THE CONTRACTOR'S EXPENSE.
- ALL JOINTS BETWEEN EXISTING ASPHALT AND NEW ASPHALT SHALL BE SEALED WITH HOT RUBBERIZED ASPHALT SEALER.
- CONTRACTOR SHALL NOT OVERCUT INTO EXISTING PAVEMENT TO REMAIN.
- CONTRACTOR SHALL RELOCATE EXISTING MAILBOXES AND PROVIDE TEMPORARY SUPPORT AS NECESSARY FOR THE DURATION OF THE WORK. MAILBOXES SHALL BE PERMANENTLY REINSTALLED ACCORDING TO THE DETAIL IN THESE PLANS ONCE NEW CURB AND GUTTER IS IN PLACE.
- ANY FINISH EXPOSED DIRT SURFACE TO BE TOPPED WITH 2" OF COMPOST MULCH. PAID UNDER "SELECTED TOPSOIL" BID ITEM.
- CONTRACTOR SHALL CONTACT CITY INSPECTOR UPON DISCOVERY OF ANY EXISTING SEWER PIPING/IRRIGATION ENCOUNTERED DURING THE PROJECT FOR ON-SITE INSPECTION. INSPECTOR, ENGINEER AND CONTRACTOR SHALL COORDINATE TO DETERMINE COURSE OF ACTION. IN THE CASE OF SEWER PIPING, PUBLIC WORKS MAY BE CALLED IN TO DETERMINE IF ACTIVE. NO PAYMENT WILL BE MADE FOR DELAY TIME DUE TO ENCOUNTERING/INVESTIGATION OF EXISTING SEWERS.
- THERE MAY BE UNMARKED FRANCHISE SERVICE LINES WITHIN THE WORK ZONE. CONTRACTOR TO EITHER WORK AROUND OR CONTACT UTILITY COMPANY TO RELOCATE. NO PAYMENT WILL BE MADE FOR DELAY TIME/WORK AROUND TIME DUE TO EXISTING FRANCHISE SERVICE LINES.
- CONTRACTOR TO CONTACT HOME OWNERS AT LEAST 48 HOURS IN ADVANCE PRIOR TO WORKING/MOBILIZING ONTO PRIVATE PROPERTY.
- SCALE OF PLAN SET IS FOR 11X17" SHEETS UNLESS OTHERWISE NOTED.

STORM SEWER NOTES

- STORM SEWER PIPE SHALL BE AS NOTED ON PLANS AND CONFORM TO THE REQUIREMENTS BELOW.
- STORM SEWER MATERIALS AND TESTING SHALL MEET CLEAN WATER SERVICES (CWS) DESIGN AND CONSTRUCTION SPECIFICATIONS AND THE CITY OF SHERWOOD'S ENGINEERING DESIGN MANUAL.
- CONTRACTOR SHALL PERFORM A MANDREL TEST AND VIDEO TEST ON THE NEW STORM SEWER. THIS WILL BE WITNESSED BY THE CITY. MINIMUM 48 HOUR NOTICE IS REQUIRED. ANY PIPE NOT PASSING EITHER TEST SHALL BE FIXED BY THE CONTRACTOR WITH CONTRACTOR PERFORMING A NEW MANDREL AND VIDEO TEST. PIPE REPAIRS AND TESTING DONE DUE TO TEST FAILURE ARE PERFORMED AT THE CONTRACTOR'S EXPENSE.
- STORM SEWER TRENCHING ON SW DIVISION STREET SHALL HAVE TEMPORARY ASPHALT PATCHING (1" THICK MINIMUM) PAID PER BID ITEM. OTHER STORM TRENCHES MAY BE BROUGHT TO THE SURFACE WITH GRANULAR BACKFILL. CONTRACTOR TO KEEP ASPHALT SURFACE SWEEPED AND FREE OF ROCKS (INCIDENTAL). REMOVAL OF TEMPORARY ASPHALT AND TRENCH ROCK FOR INSTALLATION OF FINAL ASPHALT SURFACE IS INCIDENTAL.

SANITARY SEWER NOTES

- SANITARY SEWER PIPE MATERIAL SHALL BE AS NOTED ON PLANS AND CONFORM TO THE REQUIREMENTS BELOW.
- SANITARY SEWER MATERIALS AND TESTING SHALL MEET CLEAN WATER SERVICES (CWS) DESIGN AND CONSTRUCTION SPECIFICATIONS AND THE CITY OF SHERWOOD'S ENGINEERING DESIGN MANUAL.
- ALL SANITARY SERVICE STUB OUTS SHALL EXTEND A MINIMUM OF THREE FEET (3') BEYOND EASEMENT OR RIGHT-OF-WAY LINE AND BE MARKED WITH A PRESSURE TREATED 2" X 4". THE TOP 12" SHALL BE PAINTED GREEN AND LABELED "SS" FOR FUTURE LOCATION. THE 2" X 4" SHALL BE MARKED WITH DETECTABLE UNDERGROUND MAGNETIC TAPE GREEN IN COLOR AND BE MARKED "CAUTION SEWER BURIED BELOW". THE MAGNETIC TAPE SHALL BE PLACED FROM THE MAIN PIPELINE TO THE END OF THE SIDE LATERAL WITH 18" OF SEPARATION BETWEEN THE TAPE AND PIPE. THE SERVICE LATERAL SHALL ALSO HAVE TRACER WIRE INSTALLED. THE TRACER WIRE SHALL BE 12-GAGE STRANDED COPPER WIRE WITH GREEN HMW-PE INSULATION. TRACER WIRE SHALL RUN TO THE TOP OF THE 2" X 4" MARKER. SANITARY SERVICE STUB OUTS TO BE A MINIMUM OF 4-INCH DIAMETER PIPE AND HAVE A MINIMUM SLOPE OF 2%.
- ALL SANITARY SEWER LINES SHALL BE VIDEO INSPECTED BY THE CONTRACTOR AND HAVE A MANDREL PASSED THROUGH TO CHECK DEFLECTION. TESTING AND INSPECTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES. THIS WILL BE WITNESSED BY THE CITY. MINIMUM 48 HR NOTICE IS REQUIRED. CITY WITNESSED VIDEO INSPECTION SHALL OCCUR AFTER THE PLACEMENT OF ASPHALT. CITY STRONGLY ENCOURAGES VIDEO INSPECTION BY THE DEVELOPER AND/OR CONTRACTOR PRIOR TO ASPHALT PLACEMENT. SHOULD CONTRACTOR OR DEVELOPER HAVE QUESTIONS REGARDING SPECIFIC SECTIONS OF PRE-ASPHALT VIDEO, CITY INSPECTOR SHALL PROVIDE A RECOMMENDATION UPON THE ACCEPTABILITY OF THE SECTION IN QUESTION.
- ALL SANITARY SEWER LINES SHALL BE AIR TESTED. ALL MANHOLES SHALL BE HYDROSTATICALLY TESTED OR VACUUM TESTED. TESTING AND INSPECTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES. THIS WILL BE WITNESSED BY THE CITY. MINIMUM 48 HOUR NOTICE IS REQUIRED.
- ANY NEW LATERAL TAPS INTO, OR REPAIRS OF, AN EXISTING SANITARY SEWER WILL REQUIRE VIDEO INSPECTION OF THAT EXISTING SEWER.
- SANITARY TRENCHES MAY BE BROUGHT TO THE SURFACE WITH GRANULAR BACKFILL. CONTRACTOR TO KEEP ASPHALT SURFACE SWEEPED AND FREE OF ROCKS (INCIDENTAL). REMOVAL OF TEMPORARY ASPHALT AND TRENCH ROCK FOR INSTALLATION OF FINAL ASPHALT SURFACE IS INCIDENTAL.
- COUPLING TO CONNECT TO EXISTING LATERALS SHALL BE SHIELDED FERNCO COUPLINGS OR APPROVED EQUIVALENT.

LEGEND

	= EXISTING CURB AND GUTTER	EX	= EXISTING
	= EXISTING WATER VALVE	S/W	= SIDEWALK
	= EXISTING WATER LINE	R/W	= RIGHT-OF-WAY
	= EXISTING STORM LINE	D/W	= DRIVEWAY
	= EXISTING SANITARY LINE	R	= RADIUS
	= EXISTING GAS LINE	CL	= CENTER LINE
	= EXISTING TELECOMMUNICATION LINE	TOC	= TOP OF CURB
	= CENTER LINE	FG	= FINISH GRADE
	= EXISTING MANHOLE	G	= GUTTER
	= EXISTING CATCH BASIN	RT	= RIGHT
	= PROPOSED CURB AND GUTTER	LT	= LEFT
	= PROPOSED MANHOLE WITH LID	T	= TOP FACE OF CURB
	= PROPOSED CATCH BASIN	PH	= POT HOLED
	= PROPOSED INLET CATCH BASIN	EST	= ESTIMATED
	= ORANGE CONST. FENCE		
	= SEDIMENT FENCE		
	= STREET SIGN		

WORK HOURS/TRAFFIC CONTROL NOTES

- WORK HOURS ARE FROM 8:00AM TO 6:00PM MONDAY THROUGH FRIDAY.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRIVEWAY ACCESS TO RESIDENCES, EXCEPT WHEN OTHERWISE APPROVED BY THE CITY AND COORDINATED WITH THE HOME OWNER. CONTACT RESIDENTS AT LEAST 48 HOURS IN ADVANCE OF DRIVEWAY CLOSURE.
- THE CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC ON BOTH SW DIVISION STREET AND SW SCHAMBURG DR AT ALL TIMES EXCEPT AS NEEDED FOR CEMENT TREATMENT AND ASPHALT PLACEMENT OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR ALL BARRICADES, FLAGGING, SIGNAGE, DETOUR SIGNAGE AND ANY OTHER TRAFFIC CONTROL MEASURES NECESSARY FOR PERFORMING THE WORK SHOWN IN THE PLANS. CONTRACTOR TO NOTIFY RESIDENTS AT LEAST 48 HOURS PRIOR TO STREET CLOSURE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A SAFE WORKING AREA FOR WORKERS, VEHICULAR TRAFFIC, BICYCLE TRAFFIC AND PEDESTRIAN TRAFFIC.
- SW SCHAMBURG DRIVE MAY BE "CLOSED-LOCAL TRAFFIC ONLY".

STAGING NOTES

CONSTRUCTION STAGING WILL OCCUR ON-SITE AT LOCATION APPROVED BY INSPECTOR. COORDINATE WITH INSPECTOR IF OFF-SITE STAGING IS NECESSARY.

GENERAL NOTES

SCHAMBURG STREET, STORM AND SANITARY SEWER REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	N/A
DATE:	DECEMBER, 2024

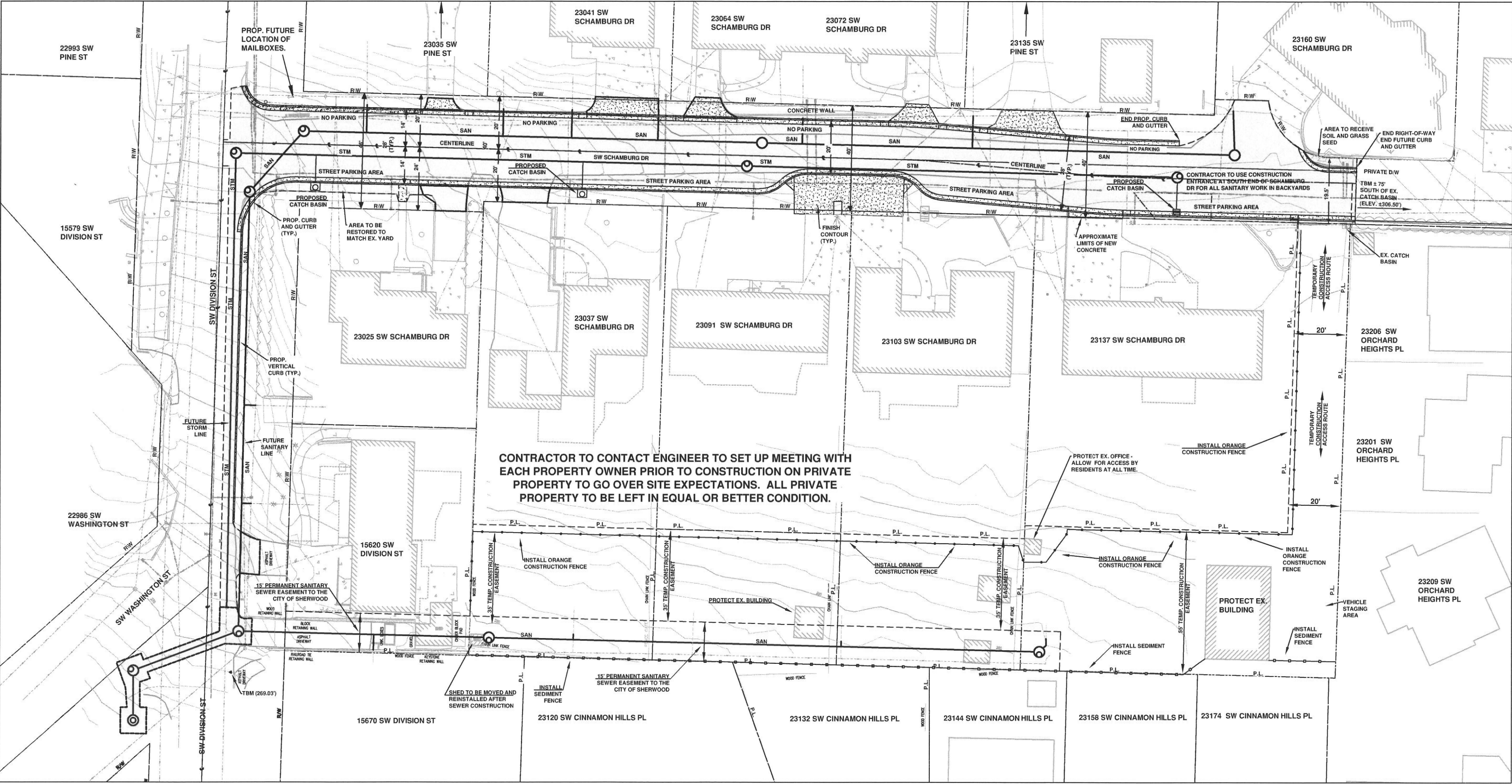
REVISIONS

JOB NO.

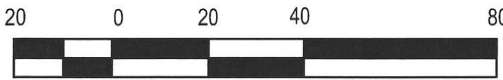
SHEET NO.

2

OF 18



SCHAMBURG AND DIVISION STREET - EASEMENT AND ROW PLAN



SCALE IN FEET 1" = 40'



= AREA TO RECEIVE NEW ASPHALT SURFACE

= AREA TO RECEIVE NEW CONCRETE SURFACE

= INSTALL ORANGE CONSTRUCTION FENCE

= INSTALL SEDIMENT FENCE

SCHAMBURG AND DIVISION STREET, STORM AND SANITARY PROJECT

LOCATED IN SECTION 32CA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
2300 SW CANNON ST. #110
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 925-0239
E-MAIL: engineering@sherwoodoregon.gov

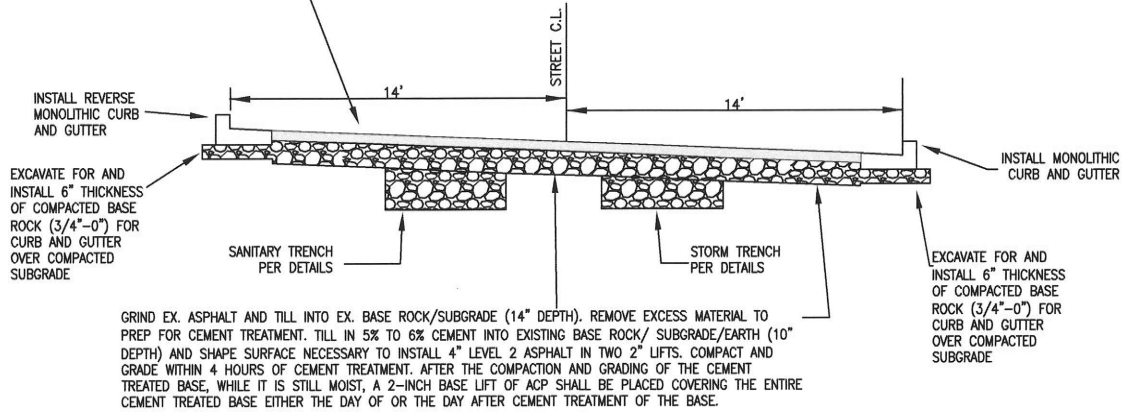
DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=40'
DATE:	DECEMBER, 2024
SCHAMBURG SSS SHEETS	

REVISIONS

JOB NO.	
SHEET NO.	3
OF	18

STA.	CROSS-SLOPE
10+00	±10.5% (EX.)
10+05	±10.45%
10+10	±8.15%
10+25	4.0%
10+75	4.0%
10+87.5	4.5%
10+95	5.0%
11+00	5.0%

INSTALL 2" COMPACTED THICKNESS ACP BASE COURSE (LEVEL 2, 1/2-INCH DENSE) AND 2" COMPACTED THICKNESS OF LEVEL 2, 1/2-INCH DENSE, ACP - COMPACT TO 92% OF MAMD PER AASHTO T209



SCHAMBURG STREET SECTION (TYP., LOOKING SOUTH/UPHILL)

STREET SECTION NOTES

REMOVE EXISTING ASPHALT AND BASE ROCK AS NECESSARY FOR CEMENT TREATMENT AND NEW ASPHALT TO ACHIEVE FINAL GRADES SHOWN IN THE PLANS.

COMPACT SUBGRADE TO 95% DENSITY OF AASHTO T-99 TEST METHOD.

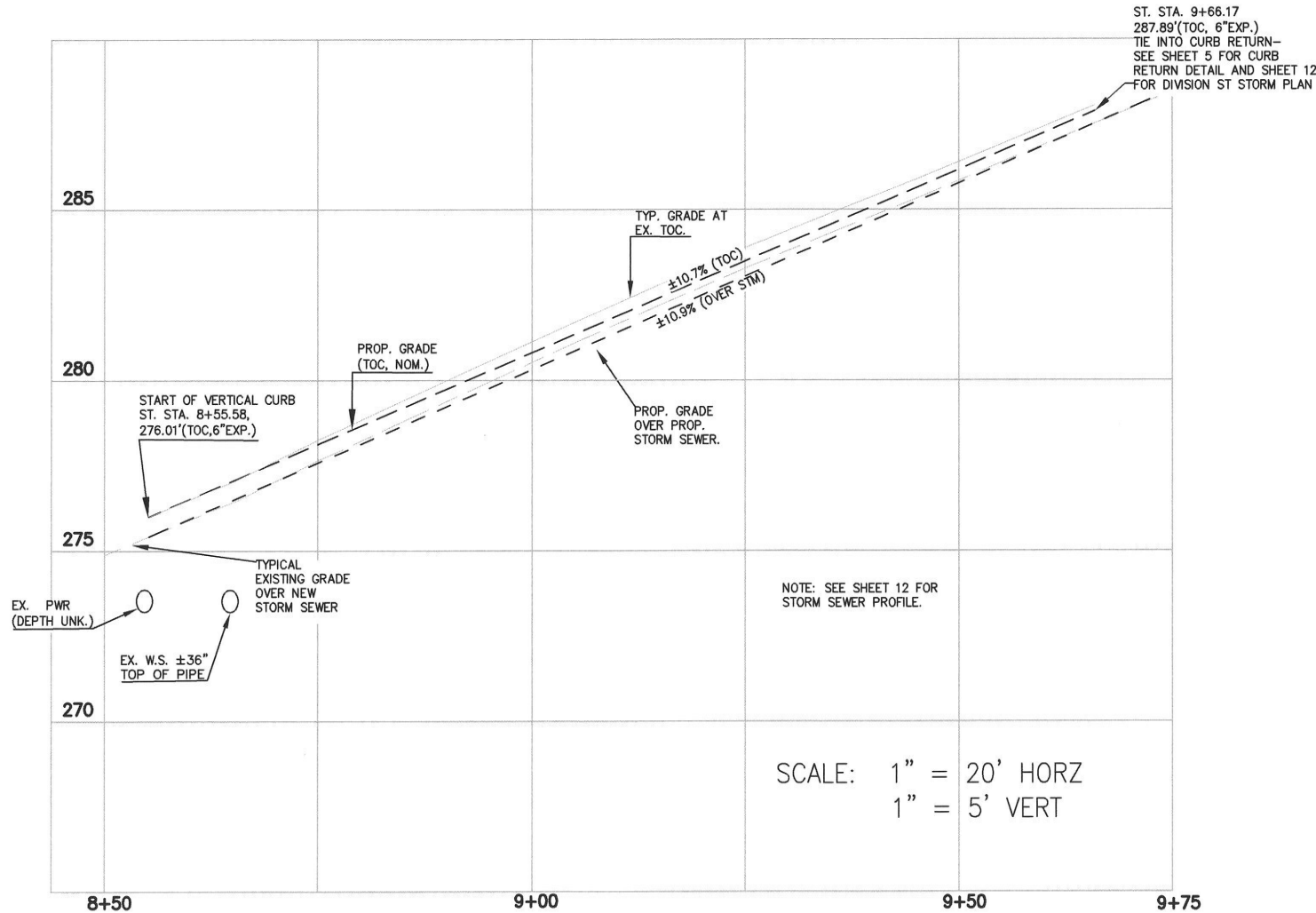
COMPACT ALL BASE ROCK TO 95% DENSITY OF AASHTO T-180 TEST METHOD.

PROOF ROLL AFTER CEMENT TREATMENT (WITNESSED BY INSPECTOR/ENGINEER).

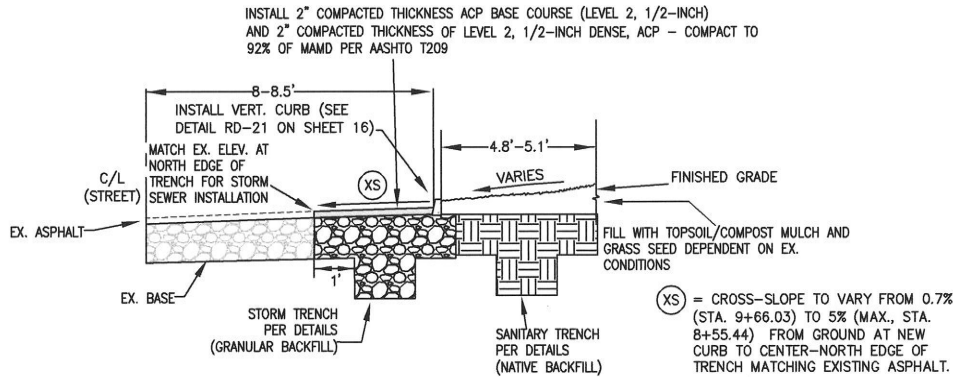
COMPACT ALL ASPHALT TO 92% RICE METHOD.

CEMENT TREATMENT TO BE KEPT MOIST UNTIL 1ST LIFT OF ASPHALT IS PLACED. FIRST LIFT OF ASPHALT SHALL BE INSTALLED EITHER THE DAY OF OR THE DAY AFTER CEMENT TREATMENT OF THE BASE.

NATIVE MATERIALS, INCLUDING SECTIONS OF THE GRASSY AREA AT THE INTERSECTION OF DIVISION ST AND SCHAMBURG DRIVE, MAY BE UTILIZED TO BACKFILL AREAS DESIGNATED FOR SOIL/COMPOST MULCH FOLLOWING PAVEMENT REMOVAL. AFTER GRINDING AND TILLING, EXCESS ASPHALT, DIRT, AND/OR BASEROCK MAY BE USED FOR CEMENT TREATMENT WITHIN THE DESIGNATED PAVING LIMITS. CONTACT ENGINEER/INSPECTOR FOR INSPECTION OF MATERIAL PRIOR TO USE.



DIVISION STREET CURB PROFILE (SEE SHEET 11 FOR FULL STORM SEWER PROFILE)



DIVISION STREET STORM, SANITARY, AND VERTICAL CURB CROSS-SECTION (TYP. LOOKING EAST/UPHILL) (NTS)

STREET SECTIONS

SCHAMBURG AND DIVISION STREET, STORM AND SANITARY PROJECT

LOCATED IN SECTION 32CA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD ENGINEERING DEPARTMENT 22560 SW PINE STREET SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 925-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	AS NOTED
DATE:	DECEMBER, 2024
SCHAMBURG SSS_SHEETS	

REVISIONS

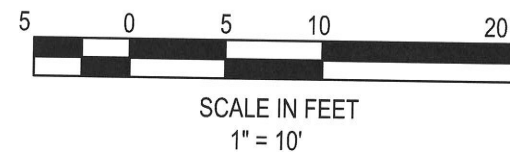
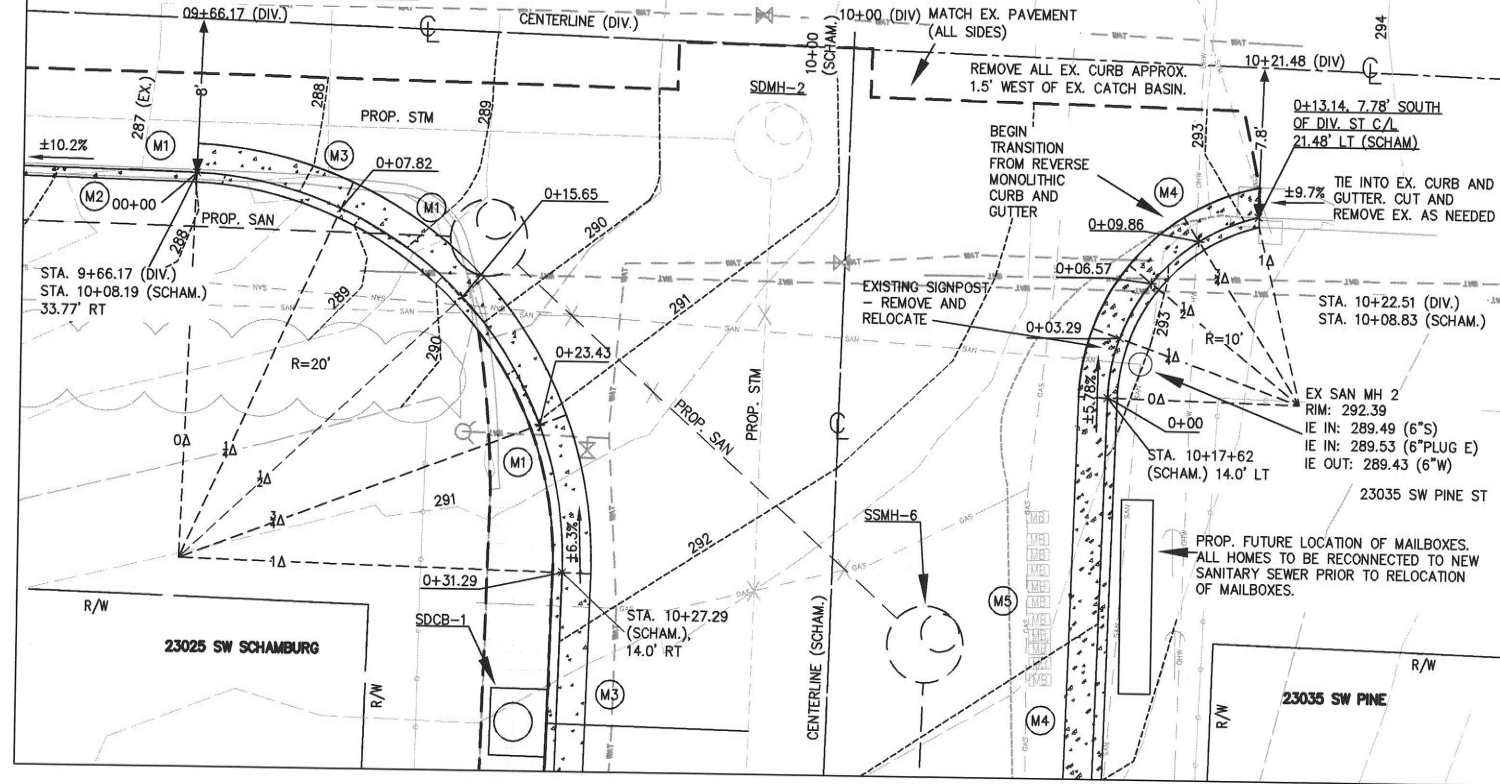
JOB NO.

SHEET NO.

4

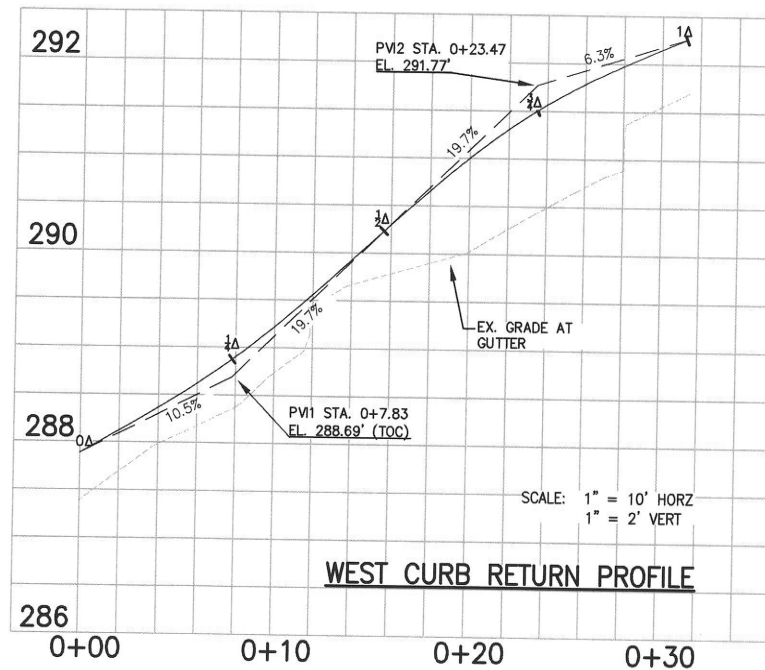
18

DIVISION AND SCHAMBURG CURB RETURN PLAN VIEW



CURB RETURN TABLE (WEST, TOP OF CURB)

RETURN	DELTA	RADIUS	LENGTH	BEGIN	1/4Δ	1/2Δ	3/4Δ	END
WEST	89°37'48"	20.00'	31.29	287.89'	288.87'	290.23'	291.51'	292.26'



CURB KEY NOTES

- (M1) REMOVE EXISTING CURB
- (M2) INSTALL VERTICAL CURB
- (M3) INSTALL MONOLITHIC CURB AND GUTTER.
- (M4) INSTALL REVERSE MONOLITHIC CURB AND GUTTER.
- (M5) REMOVE MAILBOXES TO REINSTALL AT PROPOSED LOCATION.
- (M10) BLEND FROM 0" TO 6" IN 3'.

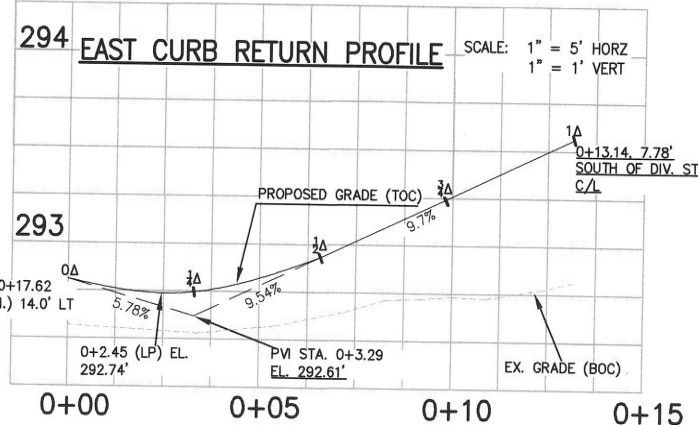
STREET KEY NOTES

- (C1) SAWCUT—CONTACT INSPECTOR/ENGINEER TO GO OVER REMOVAL LIMITS.

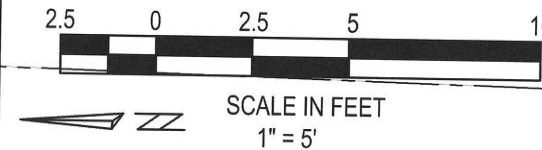
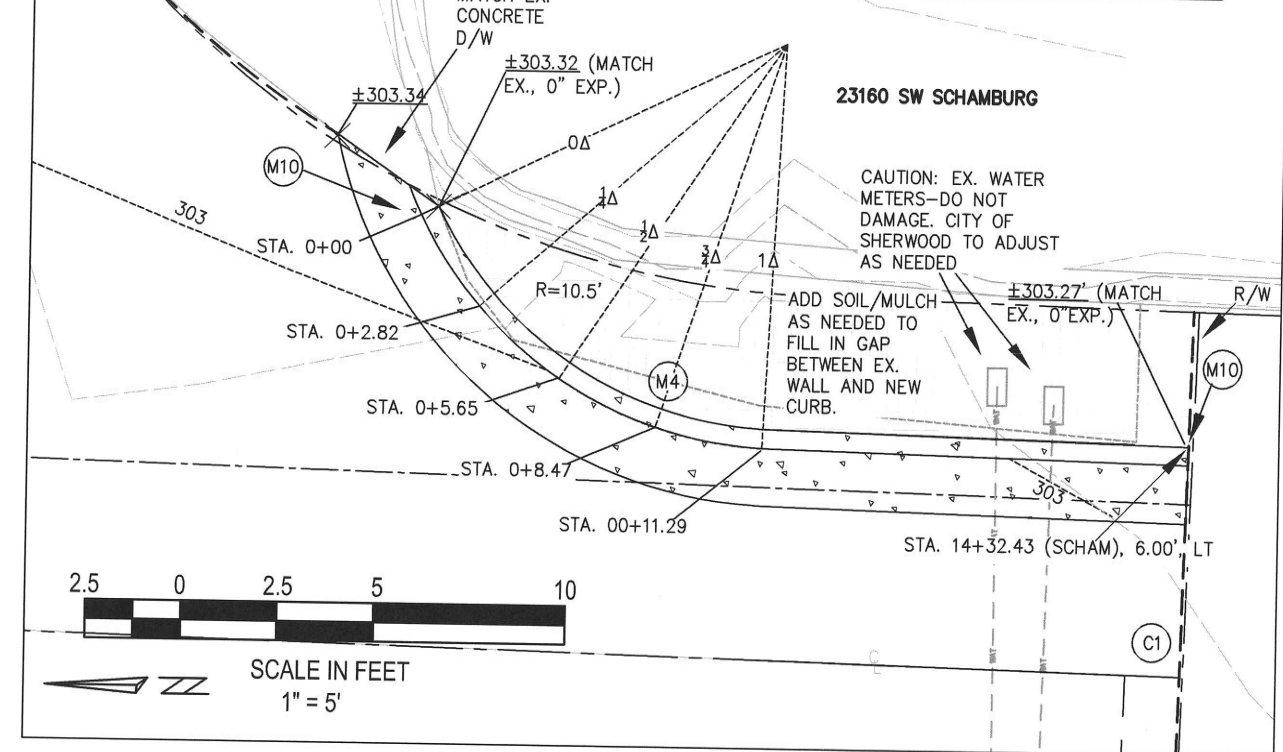
NOTE: CURB EXPOSURE TO BE ±6" IN STANDARD HEIGHT CURB LOCATIONS. MAY FLUCTUATE AS NECESSARY TO AVOID PONDING AT GUTTER LINE. CURB EXPOSURES IN DRIVEWAYS SHALL BE ±3/4".

CURB RETURN TABLE (EAST, TOP OF CURB)

RETURN	DELTA	RADIUS	LENGTH	BEGIN	1/4Δ	1/2Δ	3/4Δ	END
EAST	75°15'47"	10.00'	13.14'	292.81'	292.74'	292.92'	293.24'	293.56'

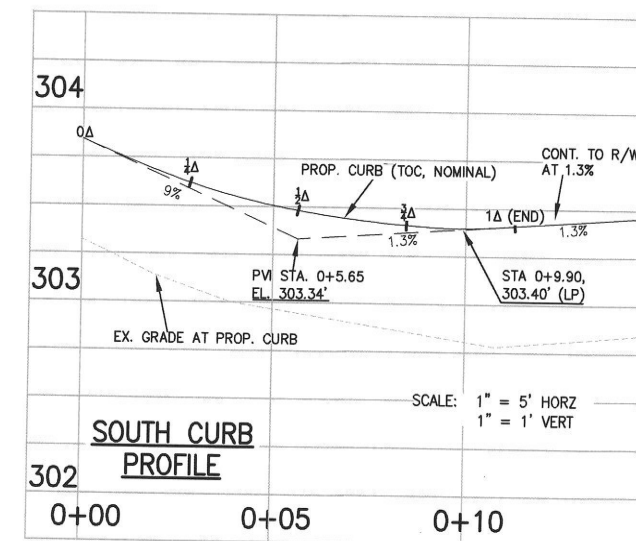


SCHAMBURG SOUTH CURB PLAN VIEW



SOUTH CURB PROFILE (EAST, TOP OF CURB)

RETURN	DELTA	RADIUS	LENGTH	BEGIN	1/4Δ	1/2Δ	3/4Δ	END
EAST	62°1'21"	10.50'	11.29' (NOM.)	303.84'	303.62'	303.48'	303.41'	303.41'



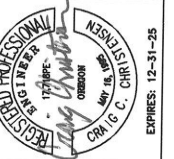
CURB RETURN PLAN AND PROFILE

SCHAMBURG STREET, STORM AND SANITARY SEWER REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD ENGINEERING DEPARTMENT

22560 SW PINE STREET
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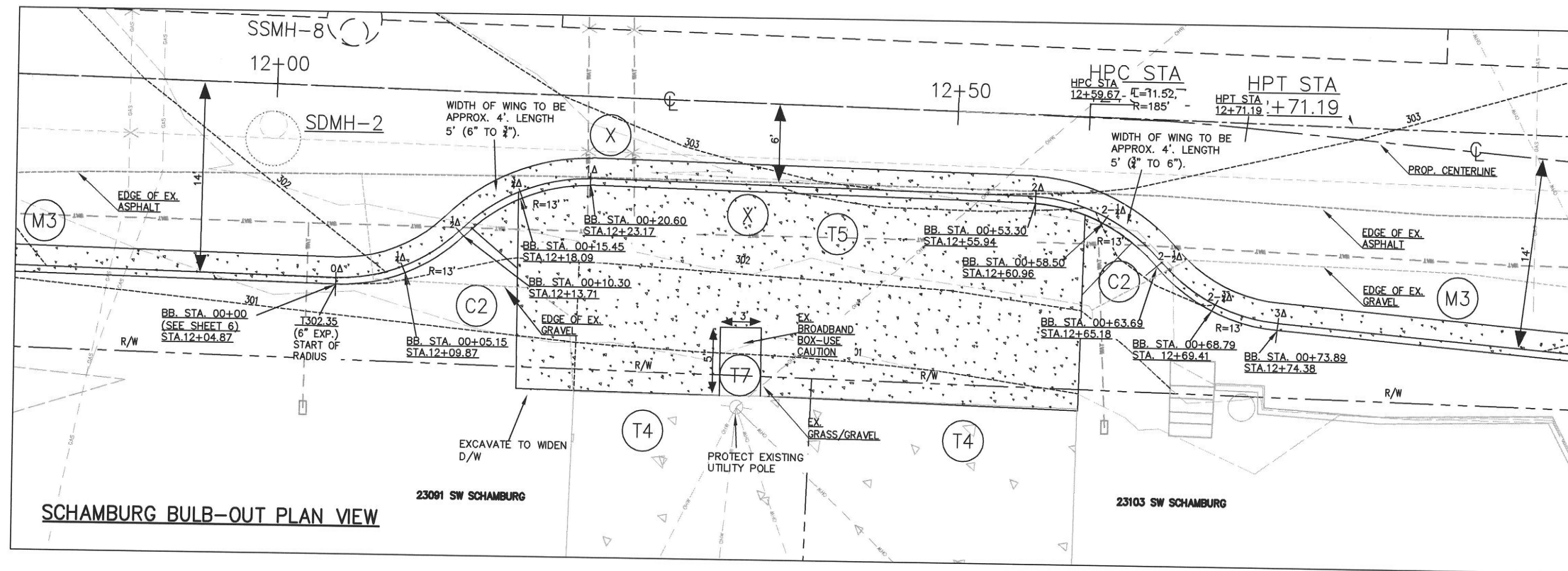


DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CC
FULL SIZE SCALE:	AS NOTED
DATE:	DECEMBER, 2024
SCHAMBURG S&S SHEETS	

REVISIONS

JOB NO.
SHEET NO.

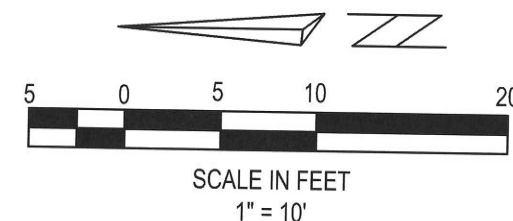
5



DRIVEWAY KEY NOTES

NOTE: PRIOR TO DRIVEWAY RECONSTRUCTION, CONTRACTOR TO GO OVER REMOVAL LIMITS WITH ENGINEER/INSPECTOR. SEE SHEET 14 FOR ENTIRE STREET AND STORM PLAN AND PROFILE.

- (T4) EX. CONCRETE TO REMAIN-DO NOT DAMAGE.
- (T5) WIDEN DRIVEWAY APPROX. 4 FEET ON NORTH SIDE. COORDINATE LAYOUT AND TIMING OF CONSTRUCTION WITH RESIDENTS AT 23091 AND 23103 SW SCHAMBURG DR. ENSURE GRADING DOES NOT EXCEED A 14% SLOPE. INSTALL NEW CONCRETE DRIVEWAY SECTION WITH A MINIMUM THICKNESS OF 6 INCHES, BLENDING THE NEW SECTION TO MATCH THE EXISTING DRIVEWAY.
- (T7) 3'X5' SECTION REMAIN AS-IS DUE TO EX. BROADBAND SERVICE BOX. USE CAUTION AROUND UTILITY-DO NOT DAMAGE.
- (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

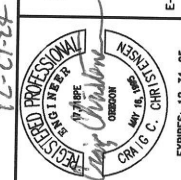


BULB-OUT SECTION PLAN AND PROFILE

SCHAMBURG STREET, STORM AND SANITARY SEWER REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW FINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 928-2309
FAX: (503) 625-0620
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC	CHECKED BY:	CCC	FULL SIZE SCALE:	AS NOTED	DATE:	DECEMBER, 2024
DRAWN BY:	JMC	DATE:					

REVISIONS

JOB NO.

SHEET NO.

SHEET

18

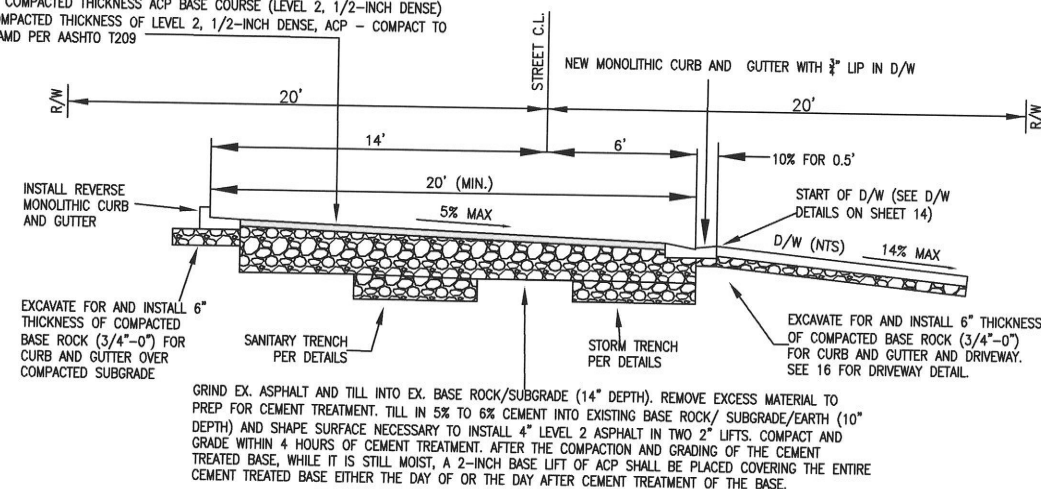
CURB KEY NOTES

- (M3) INSTALL MONOLITHIC CURB AND GUTTER.

STREET KEY NOTES

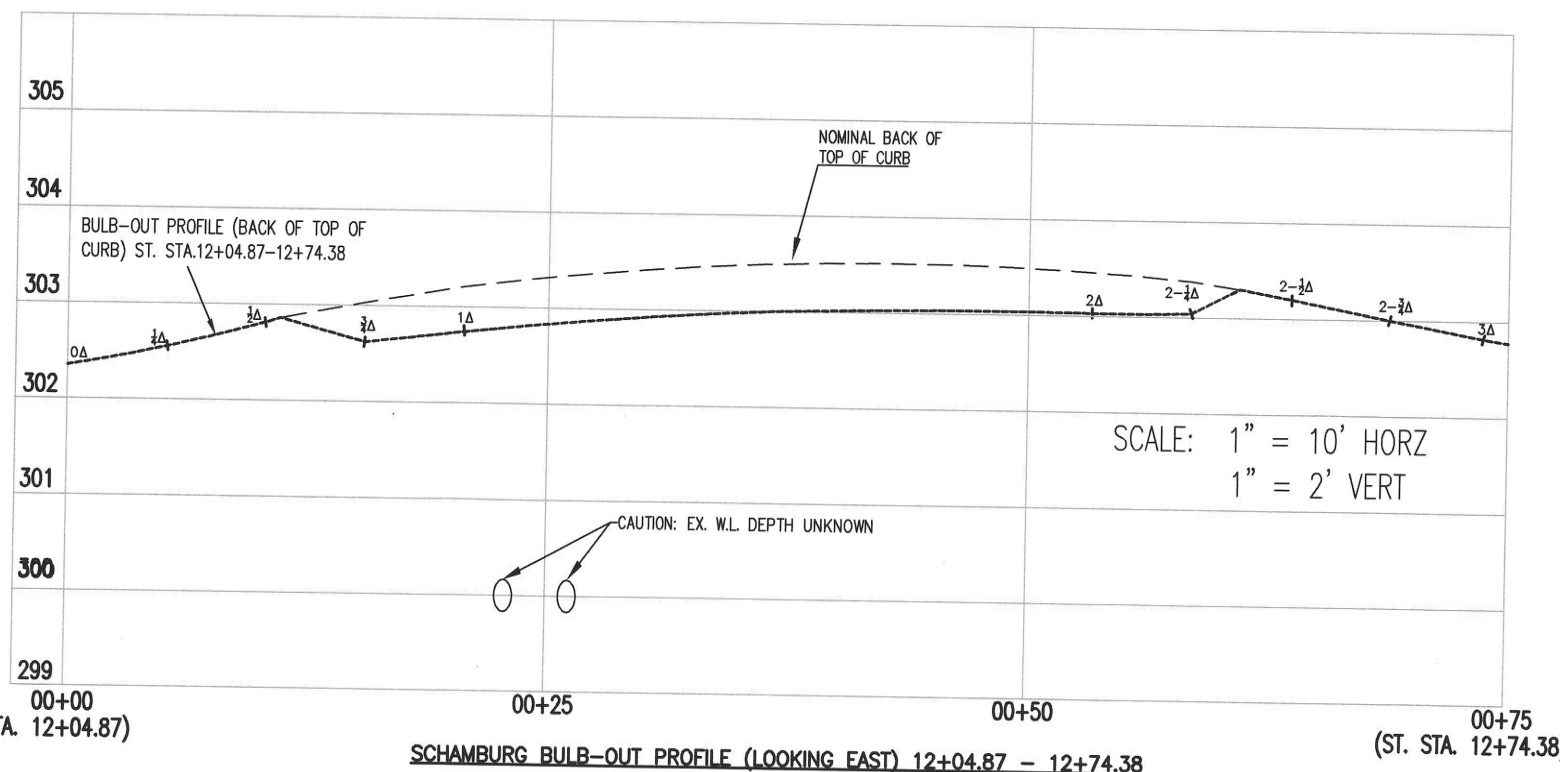
- (C2) GRADE TO R/W AS NEEDED TO MATCH WITH NEW CURB AND GUTTER

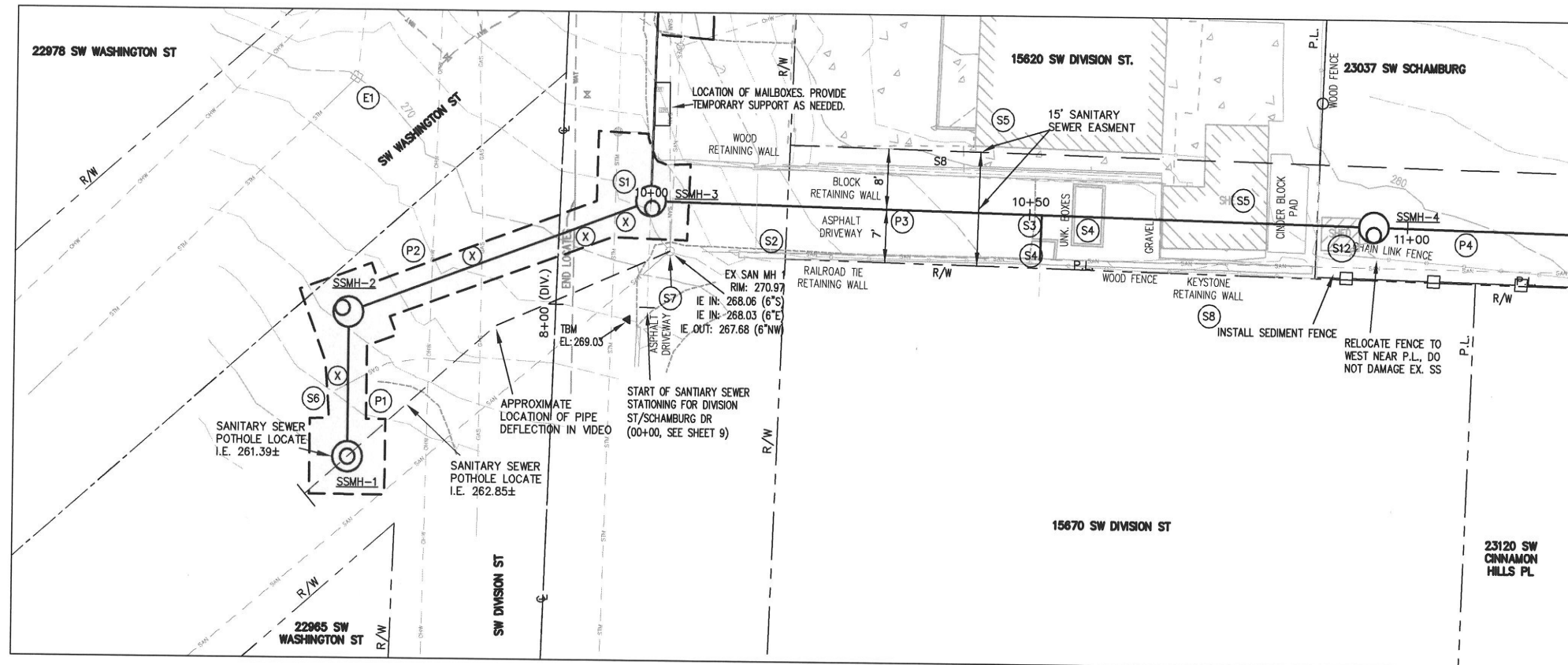
INSTALL 2" COMPACTED THICKNESS ACP BASE COURSE (LEVEL 2, 1/2-INCH DENSE) AND 2" COMPACTED THICKNESS OF LEVEL 2, 1/2-INCH DENSE, ACP - COMPACT TO 92% OF MAMD PER AASHTO T209



SCHAMBURG STREET STATIONS AT BULB-OUT (LOOKING SOUTH) 12+04.87 - 12+74.38

STA.	BB-STA.	Δ	DIST. TO CL FROM BOC	TOC ELEV (BACK) (ACTUAL)
12+04.87	00+00	0Δ	14.50'	302.35'(6" EXP.)
12+09.87	00+05.10	1/4Δ	13.50'	302.55'(6" EXP.)
12+13.71	00+10.30	1/2Δ	10.59'	302.81'(6" EXP.)
12+18.09	00+15.45	3/4Δ	7.62'	302.62'(3/4" EXP.)
12+23.17	00+20.60	1Δ	6'	302.74'(3/4" EXP.)
12+55.94	00+53.30	2Δ	6'	303.03'(3/4" EXP.)
12+60.96	00+58.50	2-1/4Δ	7.73	303.04'(1.9" EXP.)
12+65.18	00+63.69	2-1/2Δ	10.77'	303.20'(6" EXP.)
12+69.41	00+68.79	2-3/4Δ	13.58'	303.00'(6" EXP.)
12+74.38	00+73.89	3Δ	14.50'	302.81'(6" EXP.)





- SANITARY KEY NOTES**
- (S1) KEEP EXISTING SANITARY SEWER IN SERVICE DURING CONSTRUCTION - IF NECESSARY CONTRACTOR CAN REPLACE AS NEEDED WITH NEW PVC WITH STRONG BACK FERNCOS OR APPROVED EQUIVALENT IN ORDER TO INSTALL NEW MANHOLE (INCIDENTAL)
 - (S2) EXISTING SANITARY SEWER LATERAL NOT IN USE -DO NOT RECONNECT.
 - (S3) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 50' SOUTH OF EX. SAN. MH-1). INSERTA TEE INTO NEW HDPE AFTER NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED. INSTALL 4" PVC 3034 PIPING AT 2.00% MIN. SLOPE + VERTICAL BENDS AS NEEDED AND CONNECT TO EXISTING SANITARY LATERAL VIA A STRONG BACK FERNCO OR APPROVED EQUIVALENT-RESTORE AREA TO EQUAL OR BETTER CONDITION. GROUT ENDS OF EXISTING SANITARY SEWER MAIN. THIS LATERAL TO BE CONNECTED TO THE NEW SANITARY SEWER ONCE ALL 4 LATERALS TO SOUTH HAVE BEEN CONNECTED TO NEW SANITARY SEWER. THIS SANITARY SEWER LATERAL WILL REQUIRE REMOVAL OF EX. SANITARY SEWER MAIN. GROUT SANITARY SEWER MAIN ENDS (SEE DETAIL BELOW).
 - (S4) REMOVE AND REINSTALL PLANTER BOXES AS NEEDED. PLANTER BOXES SHALL BE IN EQUIVALENT OR BETTER CONDITION AT END OF PROJECT.
 - (S5) USE CAUTION AROUND EXISTING BUILDING - DO NOT DAMAGE.
 - (S6) UNABLE TO LOCATE GAS LINE. CONTRACTOR TO LOCATE AND CONFIRM NON-CONFLICT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS.
 - (S7) REMOVE EXISTING MANHOLE ONCE ALL HOMES HAVE BEEN CONNECTED TO NEW SEWER-GROUT/CAP ENDS OF PIPE TO BE ABANDONED IN PLACE.
 - (S8) USE CAUTION AROUND EXISTING WALL - DO NOT DAMAGE.
 - (S12) CONTRACTOR TO REMOVE AND REINSTALL SHED IF NEEDED. SHED AND SHED FOUNDATION SHALL BE IN EQUIVALENT OR BETTER CONDITION AT END OF PROJECT.
 - (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

EROSION CONTROL KEY NOTES

- (E1) INSTALL SILT SACK IN CATCH BASIN

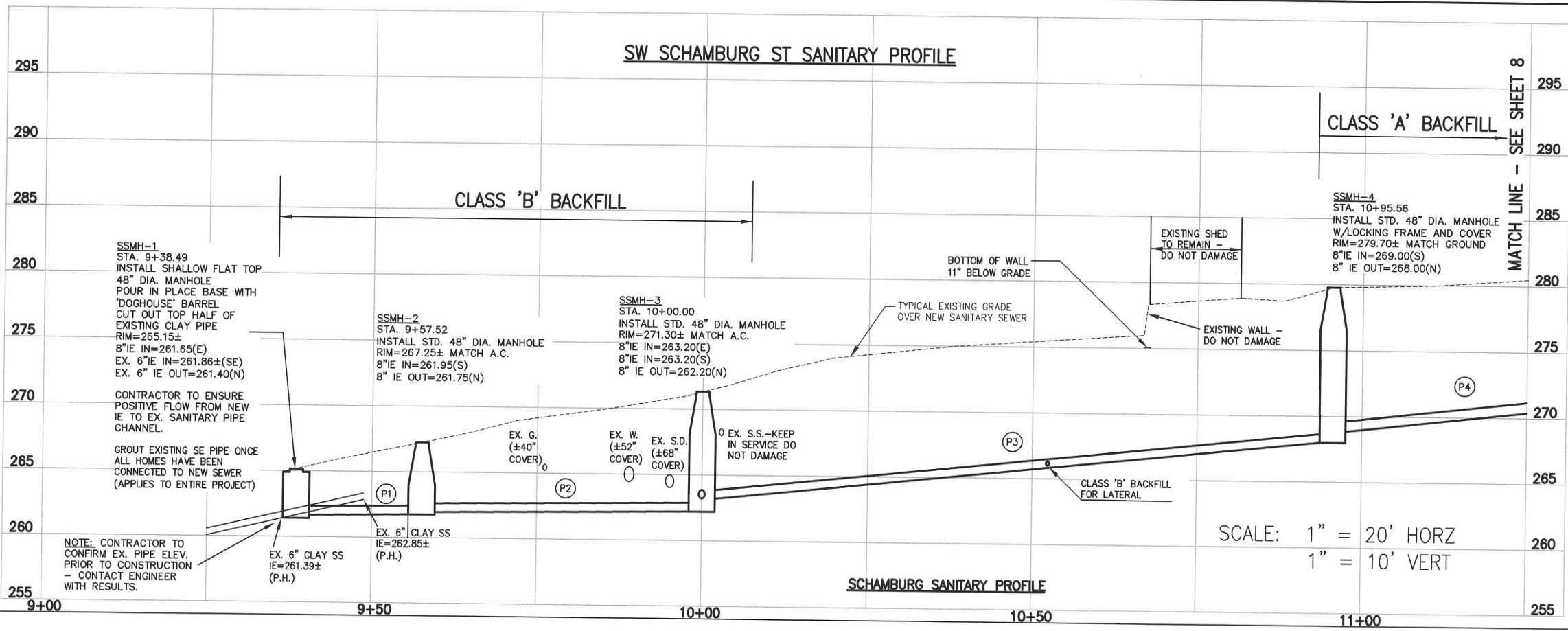
NOTES: CONTRACTOR TO CONTACT ENGINEER TO SET UP MEETING WITH EACH PROPERTY OWNER PRIOR TO CONSTRUCTION ON PRIVATE PROPERTY TO GO OVER SITE EXPECTATIONS. ALL PRIVATE PROPERTY TO BE LEFT IN EQUAL OR BETTER CONDITION.

EX. SANITARY SEWER TO REMAIN IN SERVICE DURING CONSTRUCTION OF NEW SANITARY SEWER.

CONTRACTOR SHALL PERFORM WORK CONTINUOUSLY BETWEEN SSMH-3 AND SSMH-5. CONTRACTOR MUST HAVE ALL MATERIALS AND EQUIPMENT READY SO THAT DIRECTIONAL DRILLING, OPEN TRENCHING, TESTING, LATERAL CONNECTIONS, AND RESTORATION ARE COMPLETED WITHIN A MAXIMUM OF 3 WEEKS.

UPON COMPLETION OF SANITARY SEWER INSTALLATION AND BACKFILLING, INSTALL A TEMPORARY ASPHALT PATCH WITHIN SW DIVISION ST BY END OF WORK WEEK (MINIMUM 1" THICKNESS, HOT MIX). MAINTAIN THE PATCH IN PLACE UNTIL THE COMPLETION OF STORM SEWER INSTALLATION AND FINAL STREET IMPROVEMENTS.

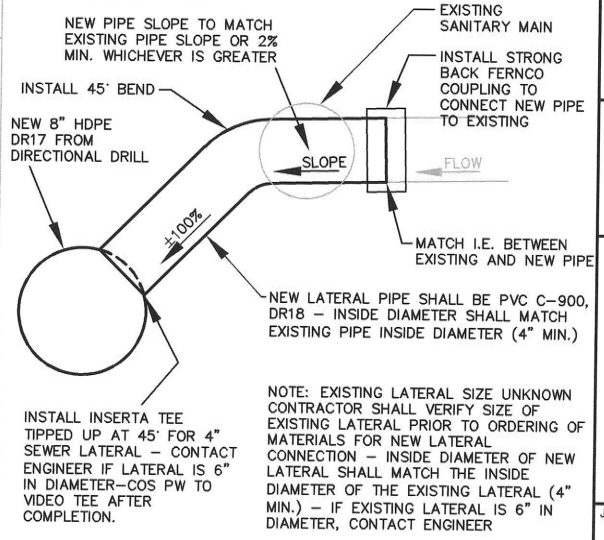
SW SCHAMBURG ST SANITARY PROFILE



PIPE KEY NOTES

NOTE: LAY PIPE IN UPHILL DIRECTION UNLESS OTHERWISE SPECIFIED

- (P1) INSTALL 8" C-900, DR18
L=15.0' S=0.67%
- (P2) INSTALL 8" PVC D3034, SDR 35
L=38.5' S=0.65%
- (P3) INSTALL 8" HDPE DR17
VIA DIRECTIONAL DRILL (MH-MH)
L=91.6' S=5.24%
- (P4) INSTALL 8" PVC D3034, SDR 35
L=205.7' S=5.11%



NOTE: EXISTING LATERAL SIZE UNKNOWN CONTRACTOR SHALL VERIFY SIZE OF EXISTING LATERAL PRIOR TO ORDERING OF MATERIALS FOR NEW LATERAL CONNECTION - INSIDE DIAMETER OF NEW LATERAL SHALL MATCH THE INSIDE DIAMETER OF THE EXISTING LATERAL (4" MIN.) - IF EXISTING LATERAL IS 6" IN DIAMETER, CONTACT ENGINEER

SCALE: 1" = 20' HORZ
1" = 10' VERT

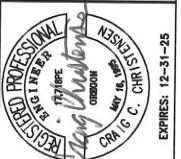
SCHAMBURG
BACKYARD PLAN AND
PROFILE (NORTH)

SCHAMBURG STREET, STORM AND SANITARY
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

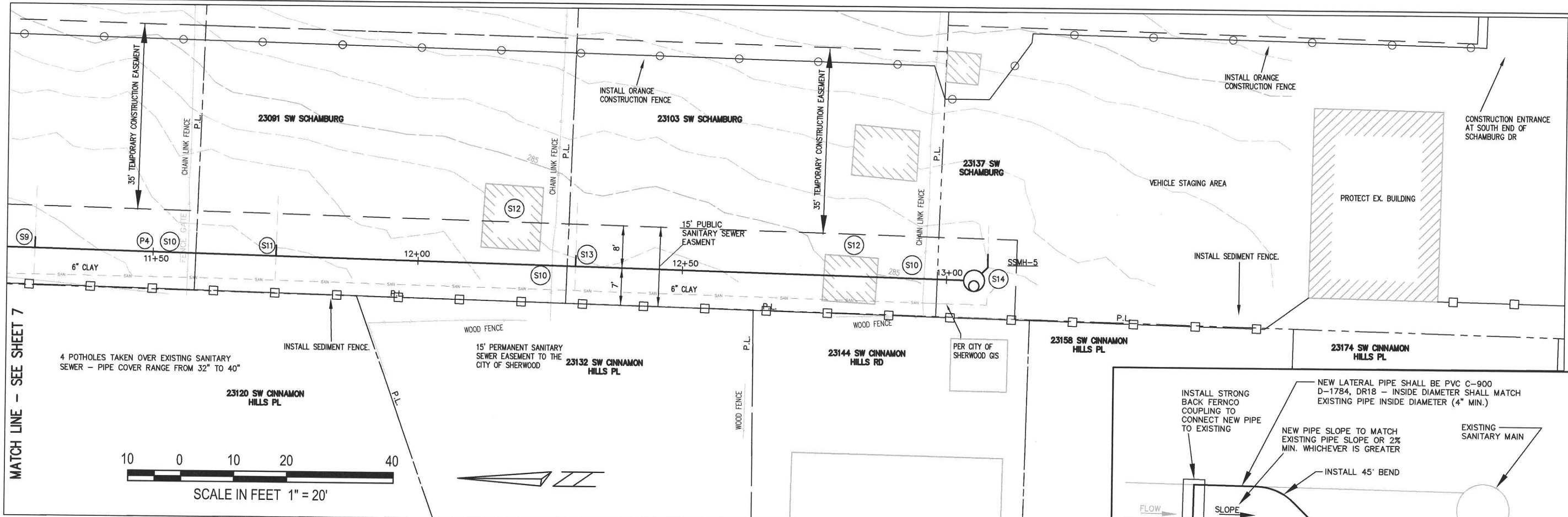
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

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E-MAIL: engineering@sherwoodoregon.gov

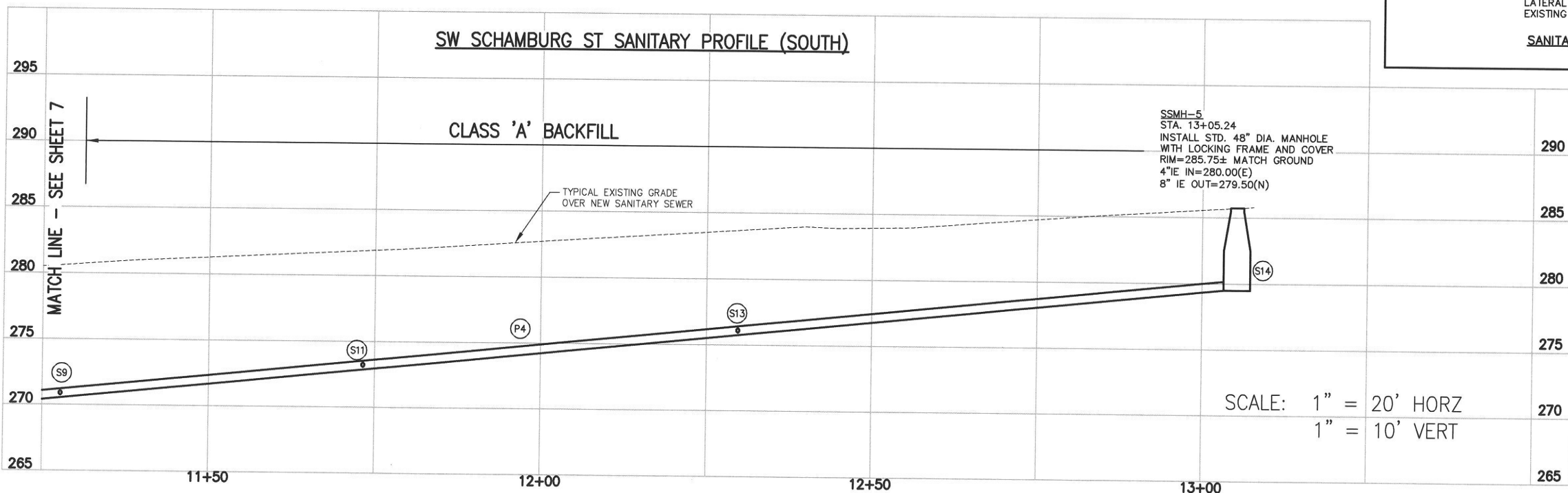
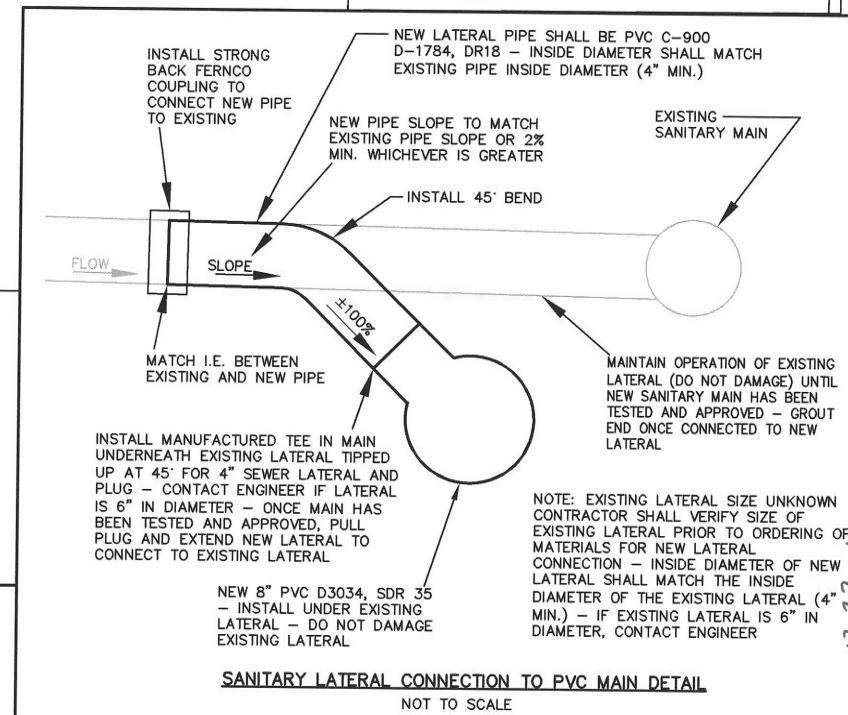


DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=20'
DATE:	DECEMBER, 2024
SCHAMBURG SSS SHEETS	

REVISIONS	
JOB NO.	
SHEET NO.	7
SHEET	18



- (S9) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 125' SOUTH OF EX. SAN. MH-1). INSTALL PVC TEE WITH CAP FOR LATERAL. KEEP EXISTING LATERAL IN SERVICE. USE CAUTION TO NOT DAMAGE EXISTING SANITARY SEWER LATERAL WHEN LAYING NEW SANITARY SEWER MAIN BENEATH LATERAL. IF DAMAGED REPLACE SECTION WITH PVC AND RECONNECT TO EXISTING USING FERNCOS OR APPROVED EQUIVALENT. AFTER NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED INSTALL 4" PVC 3034 PIPING AT 2.00% MIN. SLOPE + VERTICAL BENDS AS NEEDED AND CONNECT TO EXISTING SANITARY LATERAL VIA A STRONG BACK FERNCO OR APPROVED EQUIVALENT. GROUT END OF EXISTING LATERAL WEST (SEE DETAIL TO THE RIGHT - THIS SHEET).
- (S10) REMOVE EXISTING FENCE AND PROTECT. REINSTALL TO EQUAL CONDITION AT END OF WORK.
- (S11) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 173' SOUTH OF EX. SAN. MH-1). SEE KEY NOTE S9.
- (S12) CONTRACTOR TO REMOVE AND REINSTALL SHED IF NEEDED. SHED AND SHED FOUNDATION SHALL BE IN EQUIVALENT OR BETTER CONDITION AT END OF PROJECT.
- (S13) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 227' SOUTH OF EX. SAN. MH-1). SEE KEY NOTE S9.
- (S14) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 305' SOUTH OF EX. SAN. MH-1). INVESTIGATE LATERAL LOCATION AND CONNECT TO NEW MANHOLE ONCE NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED. INSTALL 4" PVC 3034 PIPING AT 2.00% MIN. SLOPE + VERTICAL/HORIZONTAL BENDS AS NEEDED AND CONNECT TO EXISTING SANITARY LATERAL VIA A STRONG BACK FERNCO OR APPROVED EQUIVALENT. GROUT END OF SANITARY SEWER MAIN.



- PIPE KEY NOTES**
- (P4) INSTALL 8" PVC D3034, SDR 35, L=205.7' S=5.11%

SCHAMBURG BACKYARD PLAN AND PROFILE (SOUTH)

SCHAMBURG STREET, STORM AND SANITARY REHABILITATION

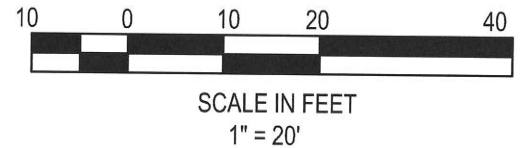
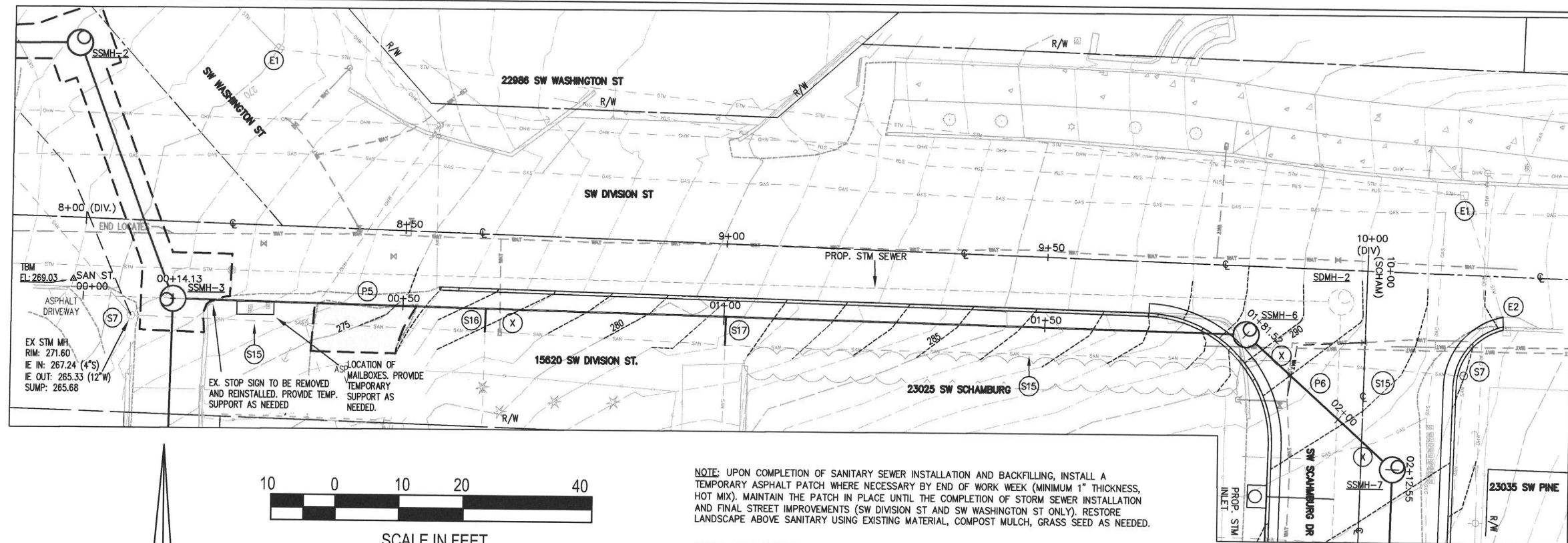
LOCATED IN SECTION 32CA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
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DESIGNED BY: JMC
DRAWN BY: JMC
CHECKED BY: CCC
FULL SIZE SCALE: 1"=20'
DATE: DECEMBER, 2024
SCHAMBURG SSS SHEETS

REVISIONS

JOB NO.
SHEET NO. **8**
OF **18**



NOTE: UPON COMPLETION OF SANITARY SEWER INSTALLATION AND BACKFILLING, INSTALL A TEMPORARY ASPHALT PATCH WHERE NECESSARY BY END OF WORK WEEK (MINIMUM 1" THICKNESS, HOT MIX). MAINTAIN THE PATCH IN PLACE UNTIL THE COMPLETION OF STORM SEWER INSTALLATION AND FINAL STREET IMPROVEMENTS (SW DIVISION ST AND SW WASHINGTON ST ONLY). RESTORE LANDSCAPE ABOVE SANITARY USING EXISTING MATERIAL, COMPOST MULCH, GRASS SEED AS NEEDED.

PIPE KEY NOTES

- (P5) INSTALL 8" PVC D3034, SDR 35 L=163.4' S=10.59%
- (P6) INSTALL 8" PVC D3034, SDR 35 L=27.0' S=9.26%

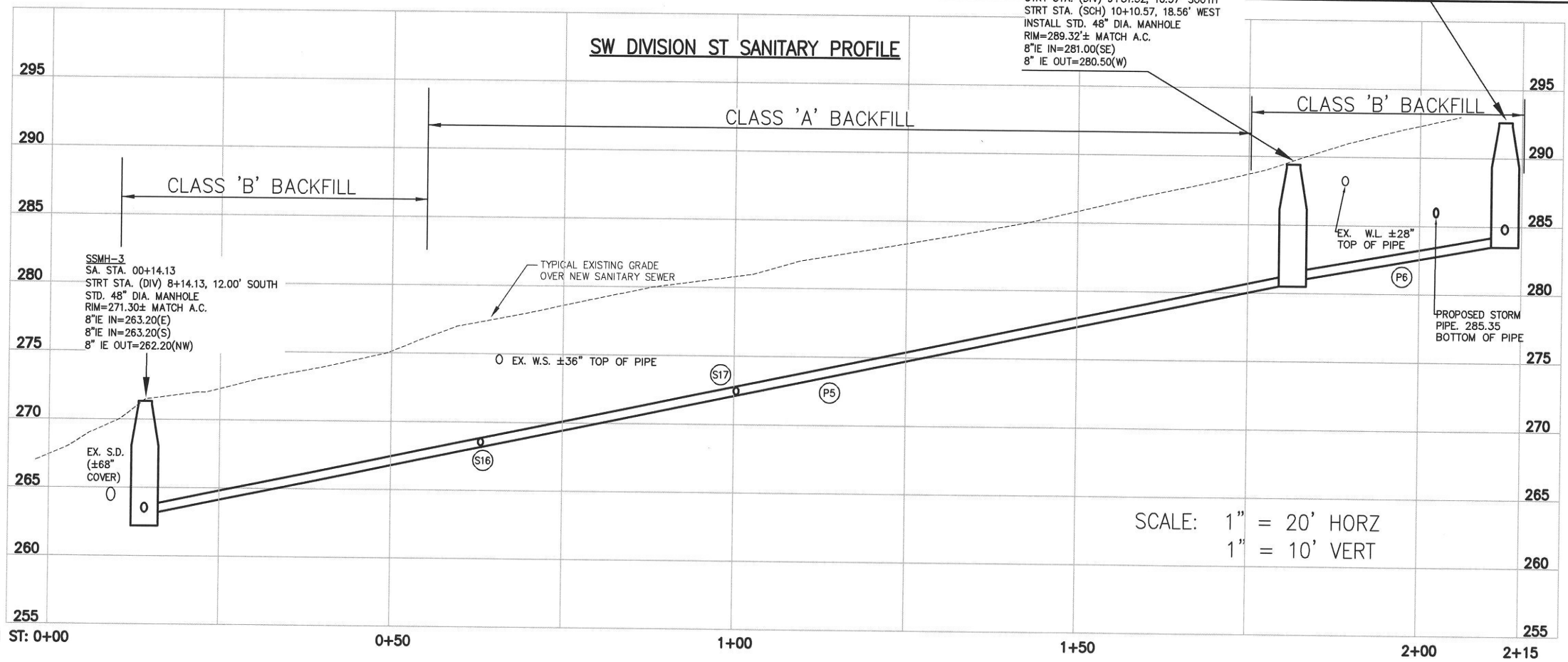
SSMH-7
SA STA. 02+12.55
STRT STA. (DIV) 10+05.20, 30.76' SOUTH
STRT STA. (SCH) 10+30.76, 5.00' EAST
INSTALL STD. 48" DIA. MANHOLE
RIM=292.72± MATCH A.C.
8" IE IN=284.50(S)
8" IE OUT=283.50(NW)

SSMH-6
SA STA. 01+81.52
STRT STA. (DIV) 9+81.52, 10.57' SOUTH
STRT STA. (SCH) 10+10.57, 18.56' WEST
INSTALL STD. 48" DIA. MANHOLE
RIM=289.32± MATCH A.C.
8" IE IN=281.00(SE)
8" IE OUT=280.50(W)

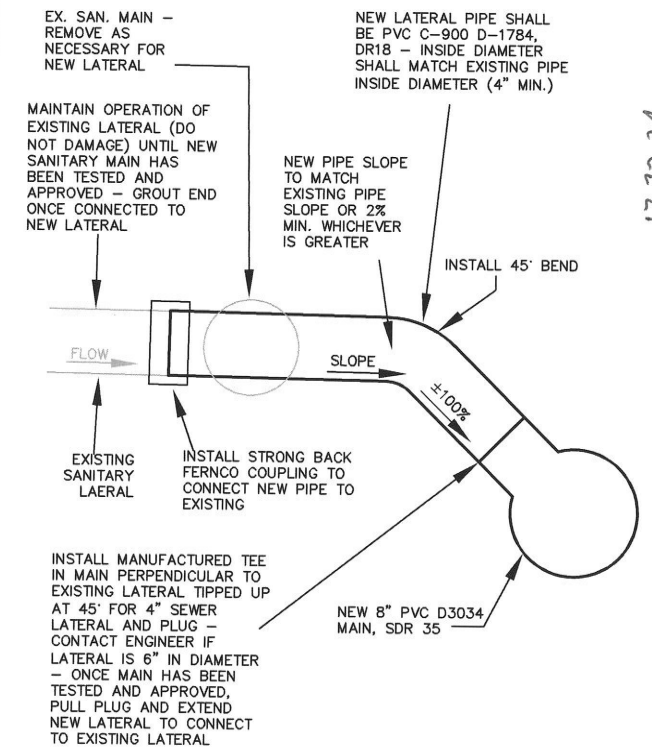
- SANITARY KEY NOTES**
- (S7) REMOVE EXISTING MANHOLE ONCE ALL HOMES HAVE BEEN CONNECTED TO NEW SEWER-GROUT/CAP ENDS OF PIPE TO BE ABANDONED IN PLACE.
 - (S15) APPROXIMATE LOCATION OF EXISTING SANITARY. MAINTAIN UNTIL NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED AND ALL HOMES ARE CONNECTED TO NEW SANITARY SEWER (INCIDENTAL).
 - (S16) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 55' EAST OF EX. SAN. MH-1). INSTALL PVC TEE WITH CAP FOR LATERAL. KEEP EX. LATERAL IN SERVICE ONCE NEW SANITARY SEWER MAIN HAS BEEN TESTED AND APPROVED. INSTALL ±4LF OF 4" PVC 3034 PIPING AT 2.00% MIN. SLOPE + VERTICAL BENDS AS NEEDED AND CONNECT TO EXISTING SANITARY LATERAL VIA A STRONG BACK FERNCO OR APPROVED EQUIVALENT-RESTORE TO EQUAL OR BETTER CONDITION. GROUT ENDS OF EXISTING SANITARY SEWER MAIN. THIS LATERAL TO BE CONNECTED TO THE NEW SANITARY SEWER ONCE ALL LATERALS TO EAST ON SW DIVISION ST AND SOUTH ON SW SCHAMBURG DR HAVE BEEN CONNECTED TO NEW SANITARY SEWER. THIS SANITARY SEWER LATERAL WILL REQUIRE REMOVAL OF EX. SANITARY SEWER MAIN. GROUT SANITARY SEWER MAIN ENDS.
 - (S17) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (±92' EAST FROM EX. SAN. MH-1). SEE NOTE S16-LENGTH TO BE ±5LF.
 - (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

EROSION CONTROL KEY NOTES

- (E1) INSTALL SILT SACK IN CATCH BASIN
- (E2) INSTALL BIOBAGS IN CURB INLET



SCALE: 1" = 20' HORZ
1" = 10' VERT



SANITARY LATERAL CONNECTION TO PVC MAIN DETAIL
NOT TO SCALE

SANITARY PLAN AND PROFILE
(DIVISION)

SCHAMBURG STREET, STORM AND SANITARY SEWER
REHABILITATION

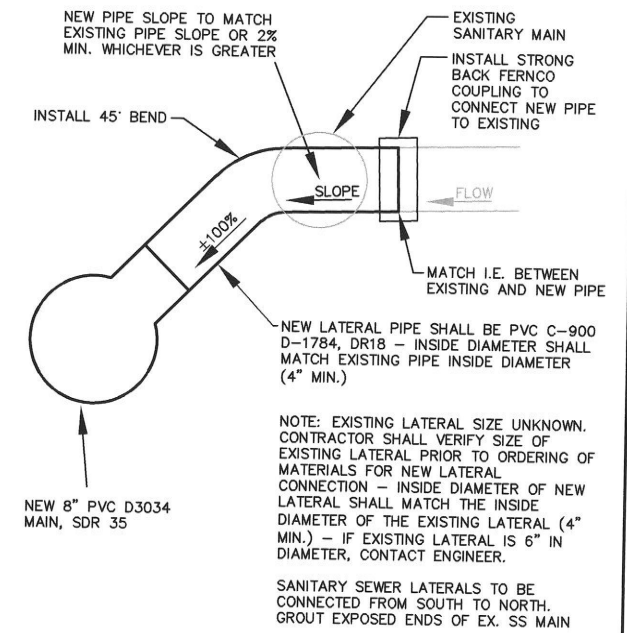
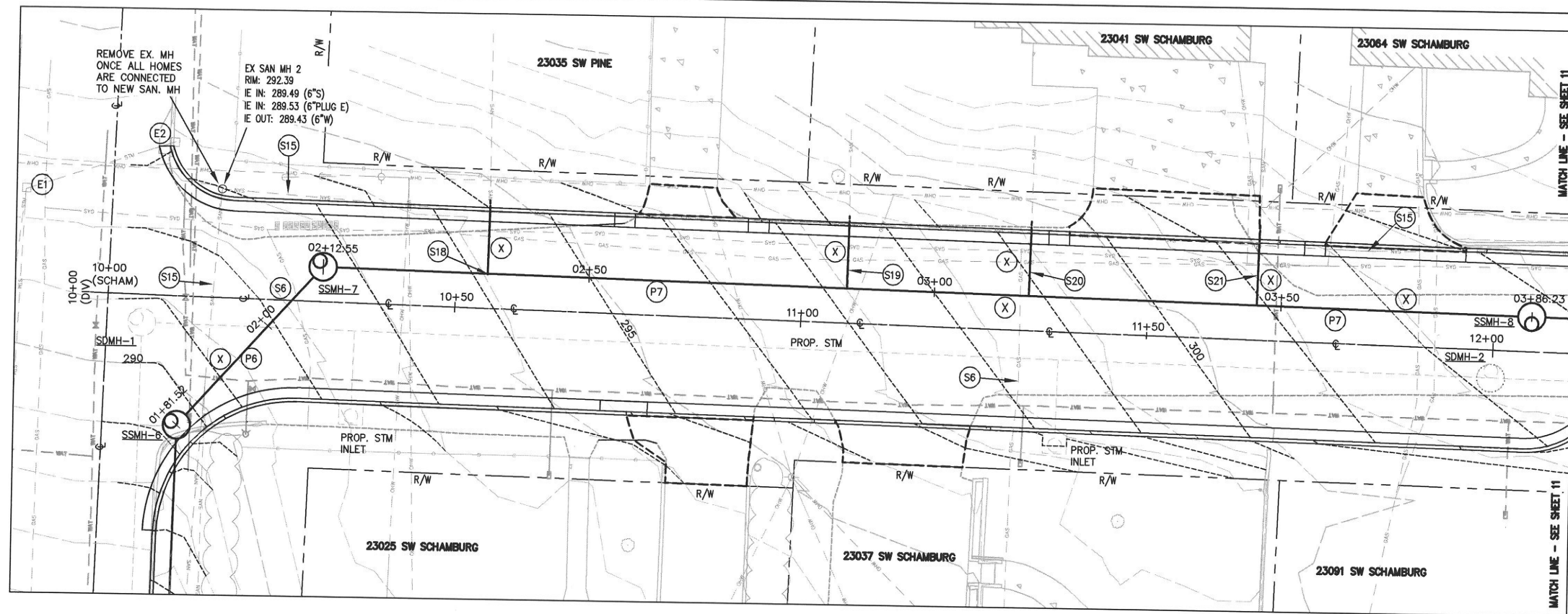
CITY OF SHERWOOD
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22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
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17-13-24

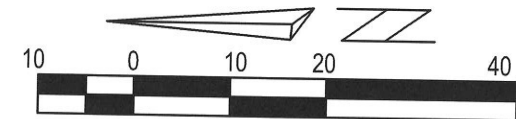
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FULL SIZE SCALE: 1"=20'
DATE: DECEMBER, 2024
SCHAUBURG SSS SHEETS

REVISIONS

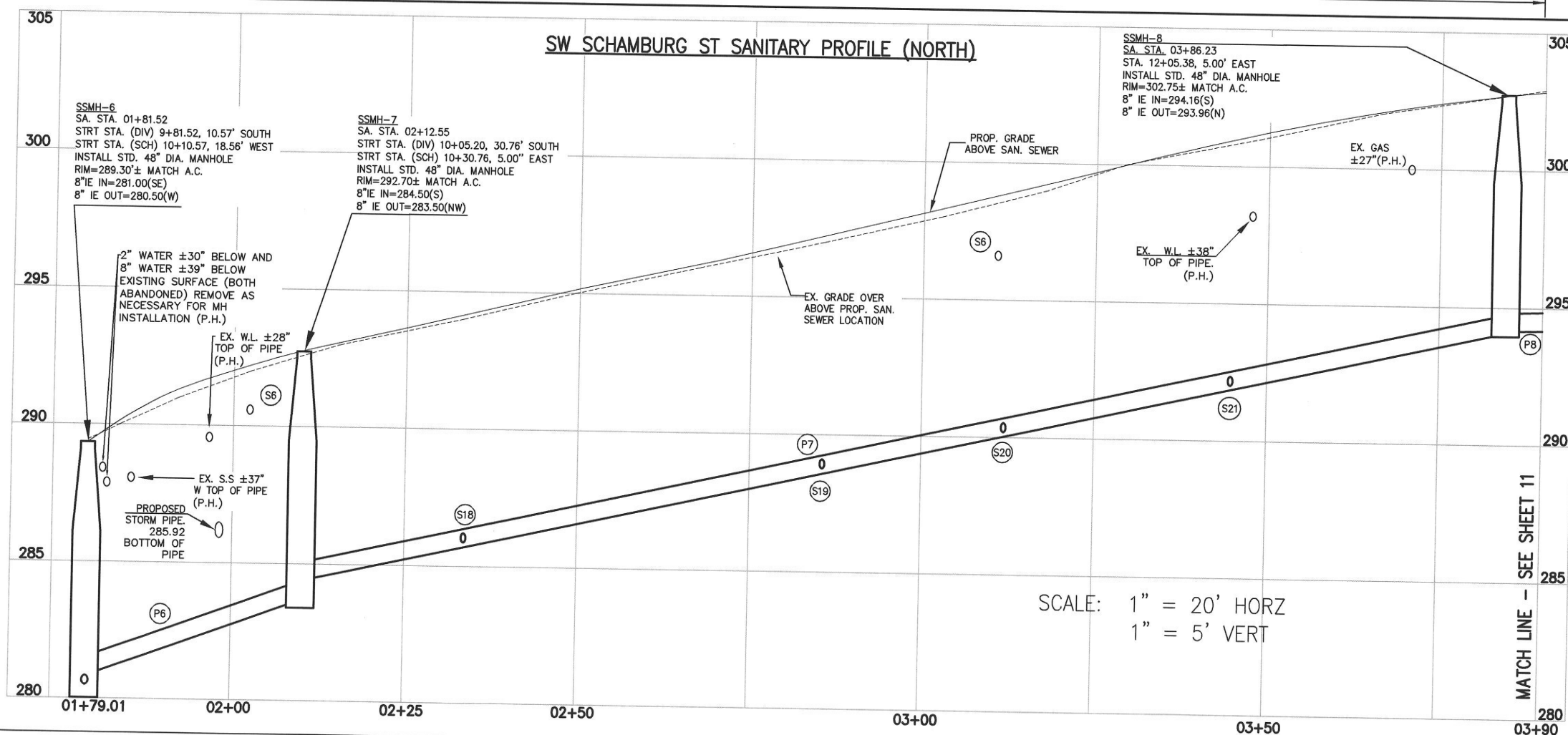
JOB NO.
SHEET NO. 9
OF 18



SANITARY LATERAL CONNECTION TO PVC MAIN DETAIL
NOT TO SCALE



CLASS 'B' BACKFILL



SANITARY KEY NOTES

- (S6) UNABLE TO LOCATE GAS LINE. CONTRACTOR TO LOCATE AND CONFIRM NON-CONFLICT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS.
- (S15) APPROXIMATE LOCATION OF EXISTING SANITARY. MAINTAIN UNTIL NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED AND ALL HOMES ARE CONNECTED TO NEW SANITARY SEWER (INCIDENTAL).
- (S18) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (APPROX. 39' SOUTH OF EX. SAN. MH-2). INSTALL PVC TEE WITH CAP FOR LATERAL. KEEP EX. LATERAL IN SERVICE ONCE NEW SANITARY SEWER MAIN HAS BEEN TESTED AND APPROVED. INSTALL ±4LF OF 4" PVC 3034 PIPING AT 2.00% MIN. SLOPE + VERTICAL BENDS AS NEEDED AND CONNECT TO EXISTING SANITARY LATERAL VIA A STRONG BACK FERROCO OR APPROVED EQUIVALENT-RESTORE TO EQUAL OR BETTER CONDITION. GROUT ENDS OF EXISTING SANITARY SEWER MAIN. THIS LATERAL TO BE CONNECTED TO THE NEW SANITARY SEWER ONCE ALL LATERALS TO SOUTH ON SW SCHAMBURG DR HAVE BEEN CONNECTED TO NEW SANITARY SEWER. THIS SANITARY SEWER LATERAL WILL REQUIRE REMOVAL OF EX. SANITARY SEWER MAIN. GROUT SANITARY SEWER MAIN ENDS. POT HOLE GAS LINE TO CONFIRM NON-CONFLICT
- (S19) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (±90' SOUTH OF EX. SAN. MH-2). SEE NOTE S18-LENGTH TO BE ±9LF.
- (S20) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (±117' SOUTH OF EX. SAN. MH-2). SEE NOTE S18-LENGTH TO BE ±9LF.
- (S21) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO (±150' SOUTH OF EX. SAN. MH-2). SEE NOTE S18-LENGTH TO BE ±9LF.
- (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

PIPE KEY NOTES

- (P6) INSTALL 8" PVC D3034, SDR 35 L=27.0' S=9.26%
- (P7) INSTALL 8" PVC D3034, SDR 35 L=170.6' S=5.54%
- (P8) INSTALL 8" PVC D3034, SDR 35 L=175.9' S=0.52%

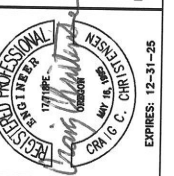
SANITARY PLAN AND PROFILE
(SCHAMBURG NORTH)

SCHAMBURG STREET, STORM AND SANITARY SEWER
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

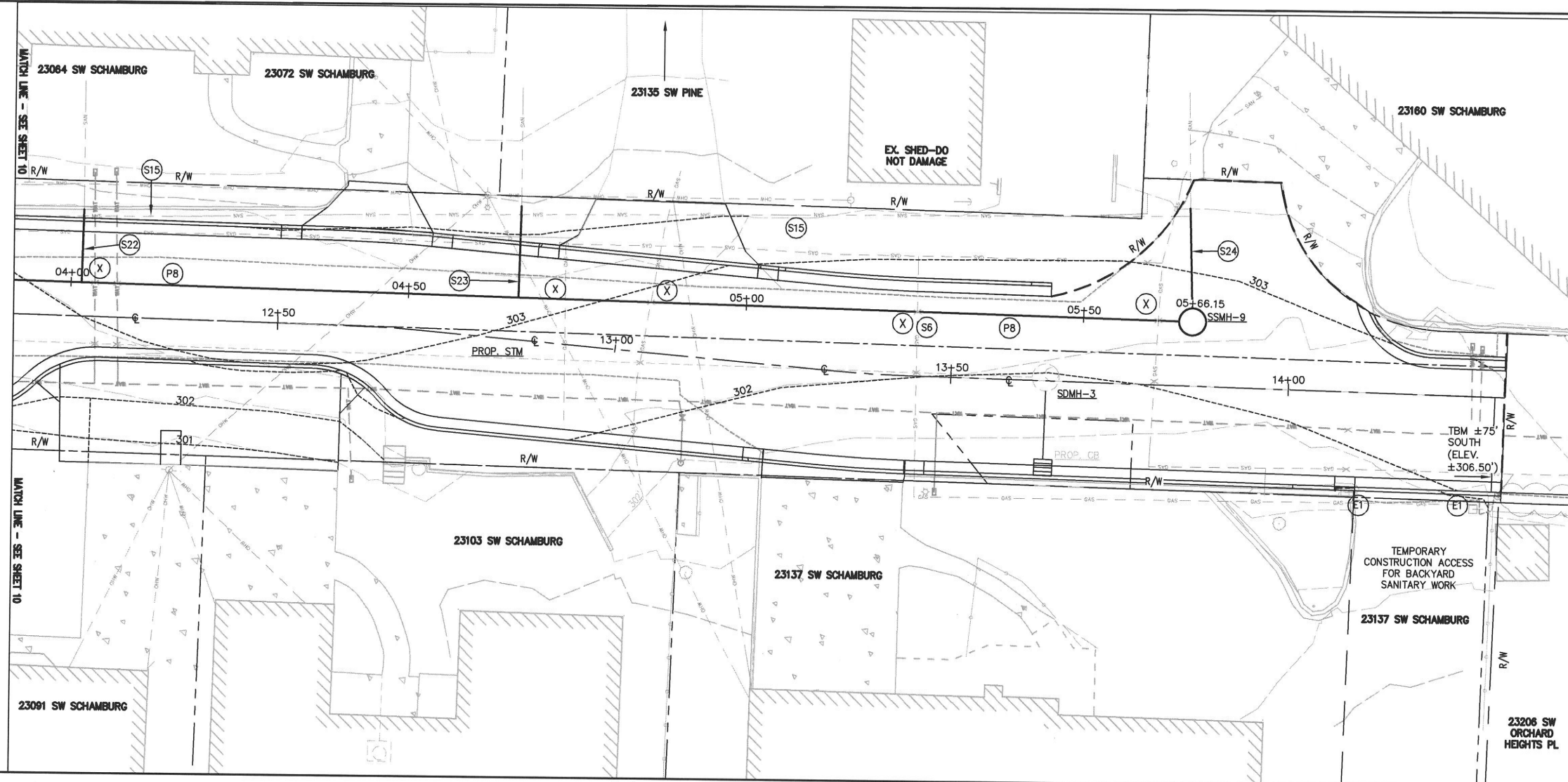
PHONE: (503) 925-2309
FAX: (503) 925-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=20'
DATE:	DECEMBER, 2024
SCHAMBURG SSS SHEETS	

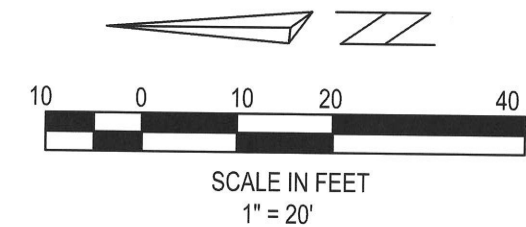
REVISIONS

JOB NO.
SHEET NO. 10



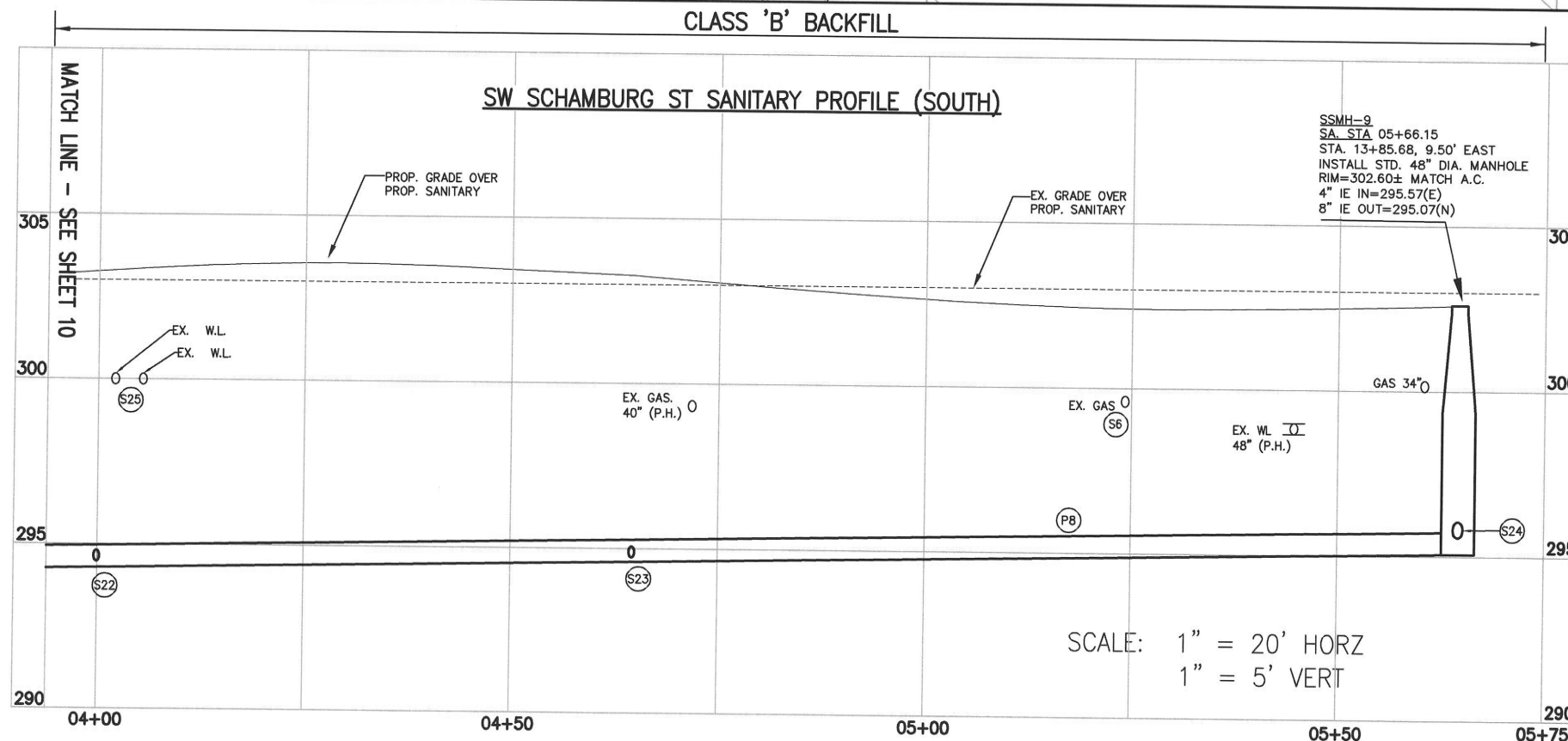
SANITARY KEY NOTES

- (S6) UNABLE TO LOCATE GAS LINE. CONTRACTOR TO LOCATE AND CONFIRM NON-CONFLICT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS.
- (S15) APPROXIMATE LOCATION OF EXISTING SANITARY. MAINTAIN UNTIL NEW SANITARY SEWER HAS BEEN TESTED AND APPROVED AND ALL HOMES ARE CONNECTED TO NEW SANITARY SEWER (INCIDENTAL).
- (S22) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO ($\pm 205'$ SOUTH OF EX. SAN. MH-2). SEE NOTE S18 ON SHEET 10-LENGTH TO BE $\pm 111\text{LF}$.
- (S23) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO ($\pm 270'$ SOUTH OF EX. SAN. MH-2). SEE NOTE S18 ON SHEET 10-LENGTH TO BE $\pm 131\text{LF}$.
- (S24) LOCATION FOR EXISTING LATERAL SHOWN IS APPROXIMATE BASED UPON VIDEO ($\pm 369'$ FROM UPSTREAM MANHOLE). SEE NOTE S18 ON SHEET 10-LENGTH TO BE $\pm 151\text{LF}$.
- (S25) UNABLE TO LOCATE WATER LINE. CONTRACTOR TO LOCATE AND CONFIRM NON-CONFLICT PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS.
- (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE



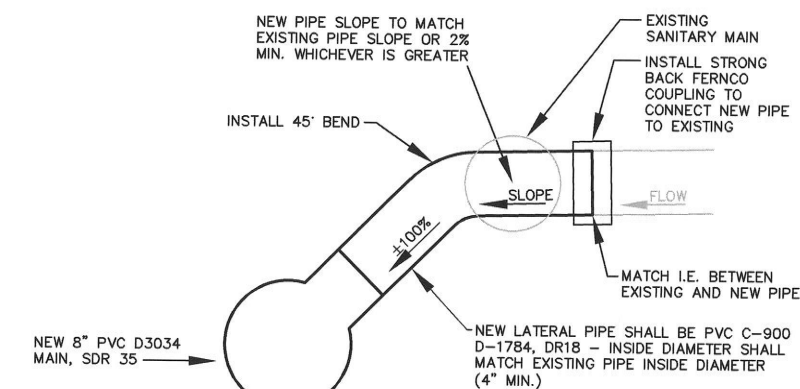
CLASS 'B' BACKFILL

SW SCHAMBURG ST SANITARY PROFILE (SOUTH)



SANITARY PIPE KEY NOTES

- (PB) INSTALL 8" PVC D3034, SDR 35 L=175.9' S=0.52%



NOTE: EXISTING LATERAL SIZE UNKNOWN. CONTRACTOR SHALL VERIFY SIZE OF EXISTING LATERAL PRIOR TO ORDERING OF MATERIALS FOR NEW LATERAL CONNECTION - INSIDE DIAMETER OF NEW LATERAL SHALL MATCH THE INSIDE DIAMETER OF THE EXISTING LATERAL (4" MIN.) - IF EXISTING LATERAL IS 6" IN DIAMETER, CONTACT ENGINEER.

SANITARY SEWER LATERALS TO BE CONNECTED FROM SOUTH TO NORTH. GROUT EXPOSED ENDS OF EX. SS MAIN

SANITARY LATERAL CONNECTION TO PVC MAIN DETAIL

NOT TO SCALE

SANITARY PLAN AND PROFILE
(SCHAMBURG SOUTH)

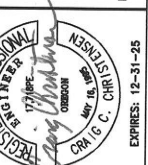
SCHAMBURG STREET, STORM AND SANITARY SEWER
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT

22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 825-2309
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DESIGNED BY:	JMC
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FULL SIZE SCALE:	1"=20'
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SCHAMBURG SSS SHEETS

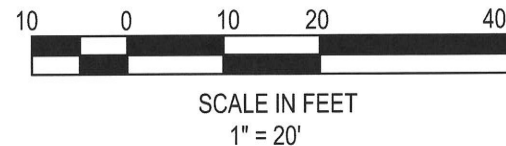
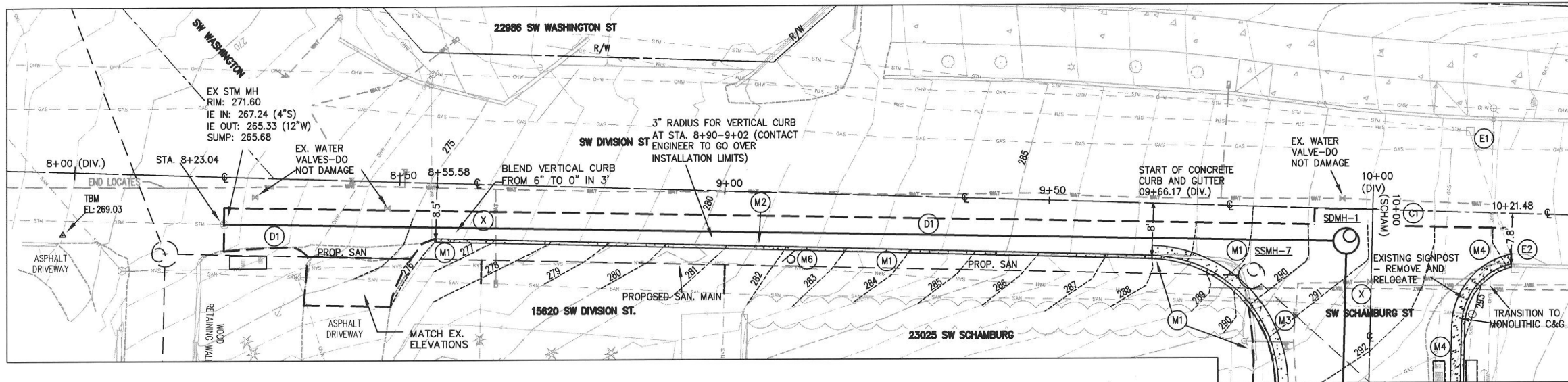
REVISIONS

JOB NO.

SHEET NO.

11

18

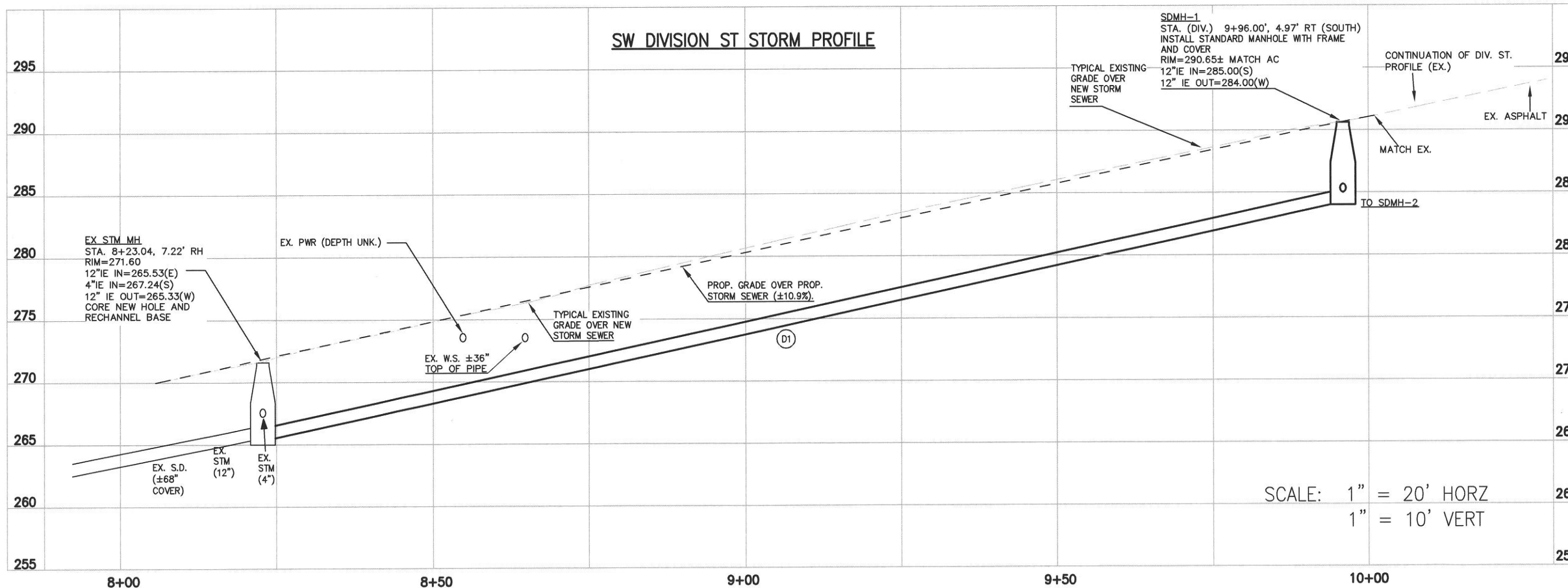


NOTE: UPON COMPLETION OF STORM SEWER INSTALLATION AND BACKFILLING WITHIN DIVISION STREET, INSTALL A TEMPORARY ASPHALT PATCH BY END OF WORK WEEK (MINIMUM 1" THICKNESS, HOT MIX). MAINTAIN THE PATCH IN PLACE UNTIL THE COMPLETION OF STORM SEWER INSTALLATION AND FINAL STREET IMPROVEMENTS

NOTE: SEE SHEET 4 FOR VERTICAL CURB AND STREET CROSS-SECTION. SEE SHEET 5 FOR CURB AND GUTTER RETURN SECTION.

- CURB KEY NOTES**
- (M1) REMOVE EXISTING CURB.
 - (M2) INSTALL VERTICAL CURB. FINAL ASPHALT LONGITUDINAL GRADE OVER STORM AND SANITARY TO BE APPROX. 10.3% CROSS SLOPE TO NOT EXCEED 5% (SEE SHEET 4). AFTER COMPLETION OF STORM AND SANITARY SEWER INSTALLATION, PLACE STRAIGHTEDGE ON EX. PAVEMENT AND EXTEND TO NEW CURB LINE FOR FORMING VERTICAL CURB-GRADE TO MATCH ASPHALT.
 - (M3) INSTALL MONOLITHIC CURB AND GUTTER.
 - (M4) INSTALL REVERSE MONOLITHIC CURB AND GUTTER.
 - (M6) CITY OF SHERWOOD PUBLIC WORKS TO INSTALL "NO PARKING" SIGN
- STREET KEY NOTES**
- (C1) SAWCUT-CONTACT INSPECTOR/ENGINEER TO GO OVER REMOVAL LIMITS. SEE SHEET 4 FOR DEPTH AND CEMENT TREATMENT DETAILS.
- EROSION CONTROL KEY NOTES**
- (E1) INSTALL SILT SACK IN CATCH BASIN
 - (E2) INSTALL BIOBAGS IN CURB INLET
 - (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

SW DIVISION ST STORM PROFILE



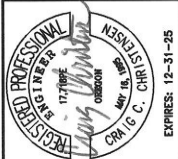
- STORM KEY NOTES**
- (D1) INSTALL 12" PVC D3034, SDR 35 STORM SEWER L=169.0' S=10.93%

STORM PLAN AND PROFILE (DIVISION)

SCHAMBURG STREET, STORM AND SANITARY SEWER REHABILITATION

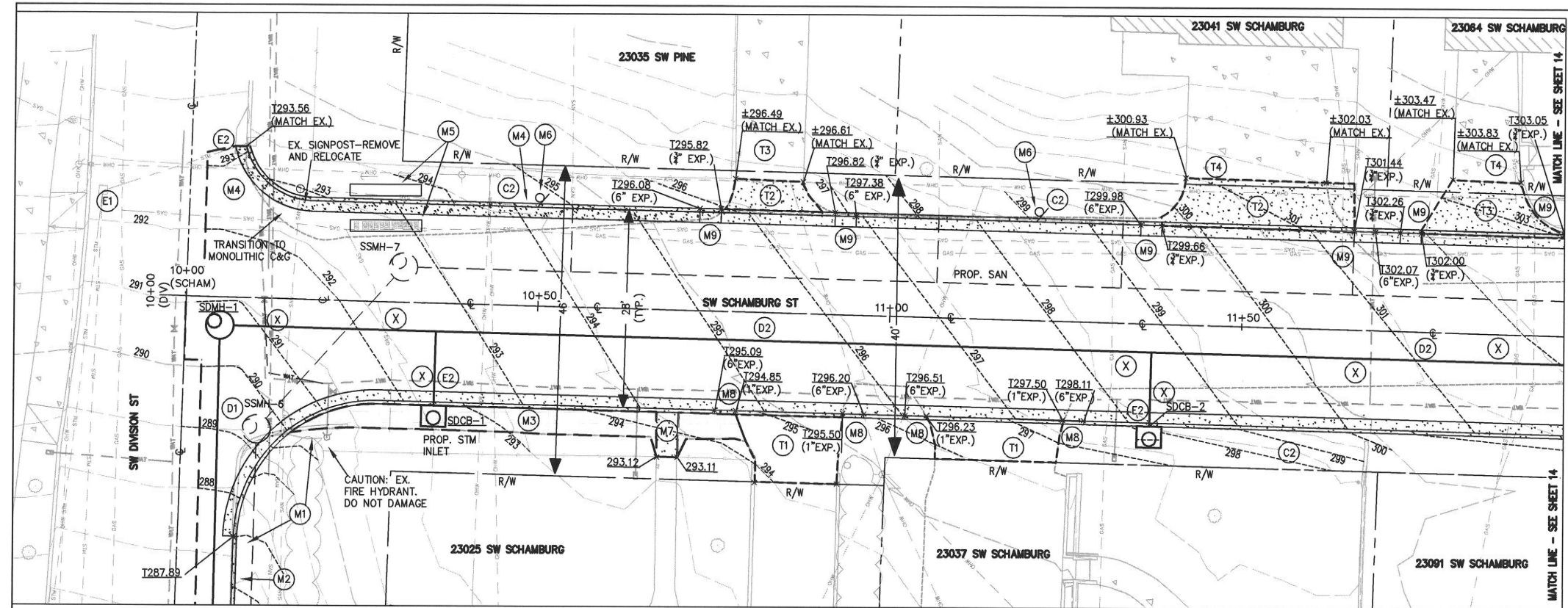
LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 935-2309
FAX: (503) 935-0629
E-MAIL: engineering@sherwoodoregon.gov



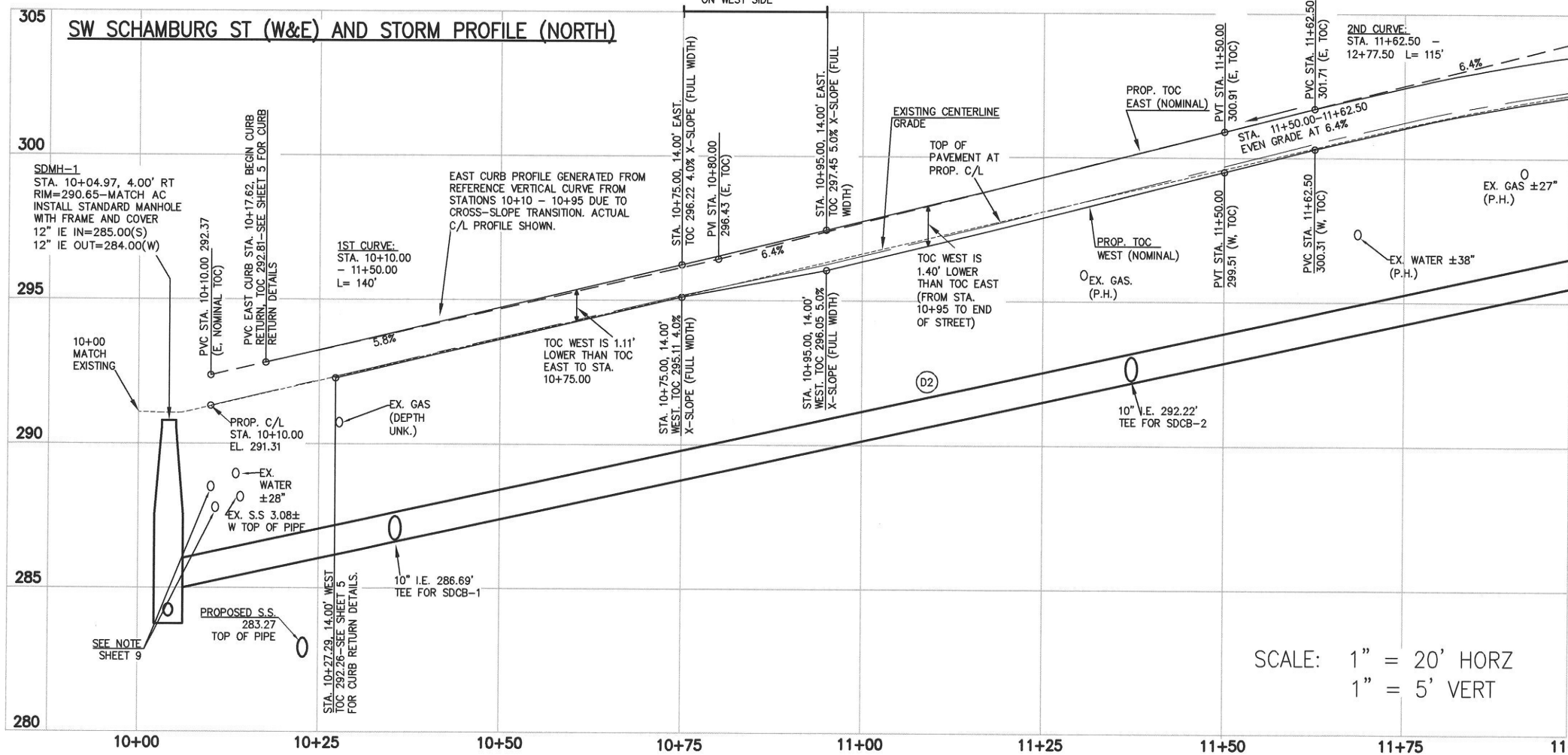
DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=20'
DATE:	DECEMBER, 2024

SCHAMBURG SSS SHEETS	REVISIONS
JOB NO.	
SHEET NO.	12
SHEET	18



SCALE IN FEET
1" = 20'

STA. 10+75 - 10+95
CROSS-SLOPE
TRANSITION FROM 4%
TO 5% TO MAXIMIZE
DEPTH FOR UTILITIES
ON WEST SIDE



SCALE: 1" = 20' HORZ
1" = 5' VERT

CURB KEY NOTES

- (M1) REMOVE EXISTING CURB
- (M2) INSTALL VERTICAL CURB. FINAL ASPHALT LONGITUDINAL GRADE OVER STORM AND SANITARY TO BE APPROX. 10.3% CROSS SLOPE TO NOT EXCEED 5% (SEE SHEET 4). AFTER COMPLETION OF STORM AND SANITARY SEWER INSTALLATION, PLACE STRAIGHTEDGE ON EX. PAVEMENT AND EXTEND TO NEW CURB LINE FOR FORMING VERTICAL CURB-GRADE TO MATCH ASPHALT.
- (M3) INSTALL MONOLITHIC CURB AND GUTTER.
- (M4) INSTALL REVERSE MONOLITHIC CURB AND GUTTER.
- (M5) REMOVE MAILBOXES TO REINSTALL AT PROPOSED LOCATION.
- (M6) CITY OF SHERWOOD PUBLIC WORKS TO INSTALL "NO PARKING" SIGN
- (M7) WALKWAY-PAVE WITH CONCRETE (4" THICKNESS OVER 4" 3/4"-AGG) AND MATCH EXISTING EL. AT WEST SAWCUT LIMIT-CONTACT ENGINEER/INSPECTOR TO GO OVER REMOVAL LIMITS.
- (M8) BLEND FROM 1" TO 6" IN 3'.
- (M9) BLEND FROM 3/4" TO 6" IN 3'.

STREET KEY NOTES

- (C1) SAWCUT-CONTACT INSPECTOR/ENGINEER TO GO OVER REMOVAL LIMITS. SEE SHEET 4 FOR DEPTH AND CEMENT TREATMENT DETAILS.
- (C2) GRADE TO R/W AS NEEDED TO MATCH WITH NEW CURB AND GUTTER

DRIVEWAY KEY NOTES

- NOTE: PRIOR TO DRIVEWAY RECONSTRUCTION, CONTRACTOR TO GO OVER REMOVAL LIMITS WITH ENGINEER/INSPECTOR. TOP OF CURB ELEVATIONS IN PROFILE ARE NOMINAL TOP OF CURB ELEVATIONS THAT DON'T ACCOUNT FOR CURB REDUCTION DUE TO CURB CUTS.
- (T1) REMOVE EXISTING ASPHALT AND BASE ROCK AS NECESSARY, UP TO R/W. ENSURE AT LEAST 4" OF BASE ROCK AND SHAPE AS NECESSARY TO MATCH CURB ELEVATIONS AND INSTALL NEW ASPHALT DRIVEWAY SECTION (MIN. 3" THICKNESS). BLEND TO MATCH EXISTING ASPHALT AT R/W.
 - (T2) REMOVE EXISTING ASPHALT AND BASE ROCK AS NECESSARY. SHAPE BASE ROCK AND INSTALL NEW CONCRETE DRIVEWAY SECTION (MIN. 6" THICKNESS). BLEND TO MATCH EXISTING CONCRETE DRIVEWAY AT R/W LIMITS).
 - (T3) REMOVE EXISTING GRAVEL, DIRT, AND BASE ROCK AS NECESSARY. SHAPE BASE ROCK AND INSTALL NEW CONCRETE DRIVEWAY SECTION (MIN. 6" THICKNESS). BLEND TO MATCH EXISTING CONCRETE DRIVEWAY AT R/W LIMITS).
 - (T4) EX. CONCRETE TO REMAIN- DO NOT DAMAGE

EROSION CONTROL KEY NOTES

- (E1) INSTALL SILT SACK IN CATCH BASIN.
- (E2) INSTALL BIOBAGS IN CURB INLET.

STORM KEY NOTES

- (D2) INSTALL 12" PVC D3034, SDR 35 STORM SEWER L=190.9' S=5.49%

SDCB-1

STA. 10+35.64, ±14.0' RT
INSTALL CG-30 CATCH BASIN
TOC=292.75'
INLET EL.=±292.13' (DEPRESSED 1.5")
10" I.E. OUT=287.75'(E)
+10" PVC D3034, SDR35
L=±10.55' S=±10.05%
STORM LEAD BENEATH WATERLINE-DO NOT DAMAGE

SDCB-2

11+37.32, ±17.51' RT (CENTER)
INSTALL CG-30 CATCH BASIN
TOC =298.69
INLET EL. =±298.07' (DEPRESSED 1.5")
10" I.E. OUT=293.69(E)
+10" PVC D3034, SDR35
L=±10.50' S=±13.71%
STORM LEAD BENEATH WATERLINE-DO NOT DAMAGE

- (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

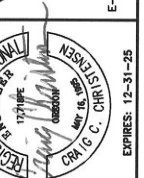
STREET AND STORM PLAN AND
PROFILE (SCHAMBURG NORTH)

SCHAMBURG STREET, STORM AND SANITARY SEWER
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 925-0629
E-MAIL: engineering@sherwoodoregon.gov

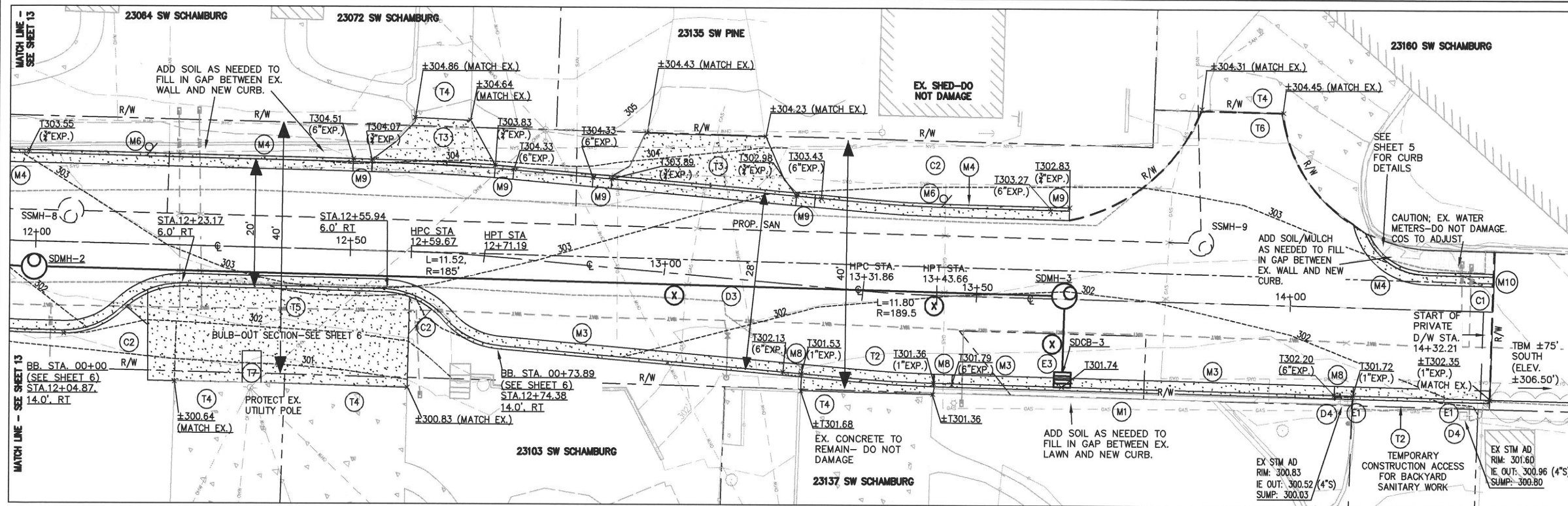


DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=20'
DATE:	DECEMBER, 2024

SCHAMBURG SSS SHEETS

JOB NO.	
SHEET NO.	13

REVISIONS

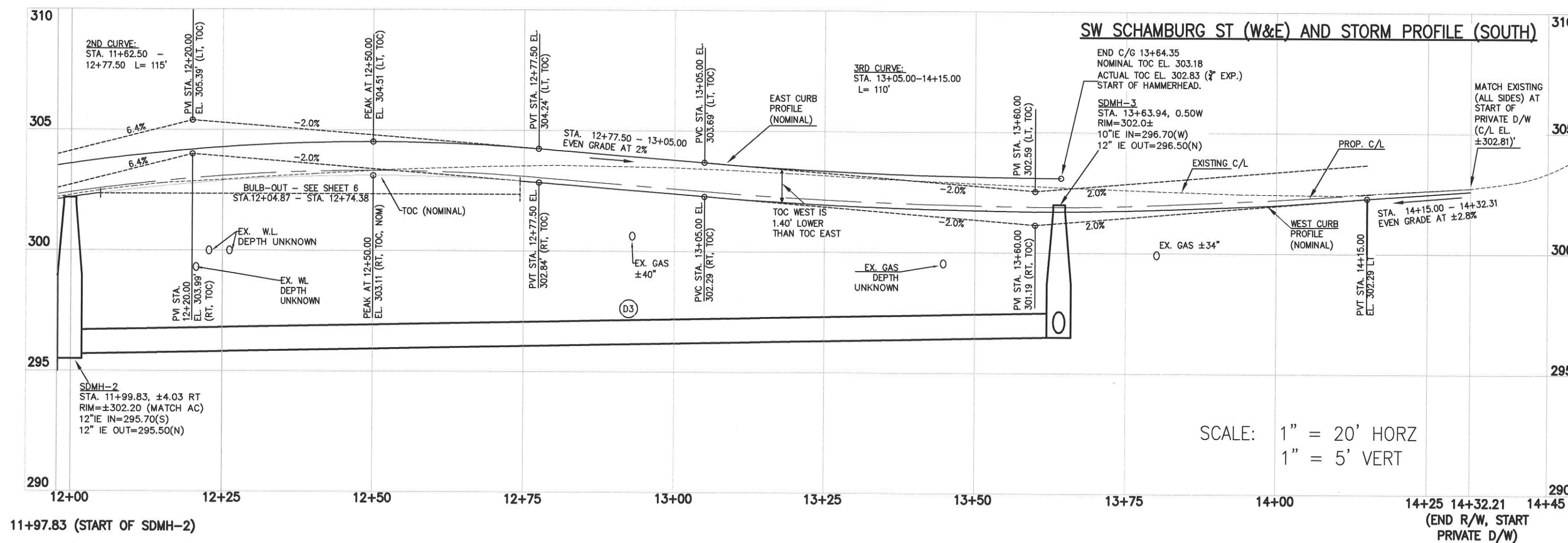
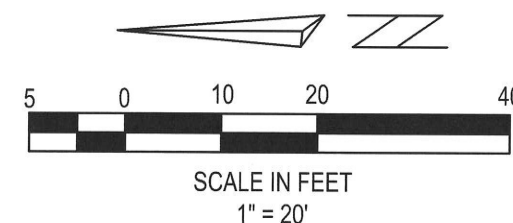


CURB KEY NOTES

- (M1) REMOVE EXISTING CURB
- (M3) INSTALL MONOLITHIC CURB AND GUTTER.
- (M4) INSTALL REVERSE MONOLITHIC CURB AND GUTTER.
- (M6) CITY OF SHERWOOD PUBLIC WORKS TO INSTALL "NO PARKING" SIGN
- (M8) BLEND FROM 1" TO 6" IN 3'.
- (M9) BLEND FROM 3/4" TO 6" IN 3'.
- (M10) BLEND FROM 0" TO 6" IN 3'.

STREET KEY NOTES

- (C1) SAWCUT-CONTACT INSPECTOR/ENGINEER TO GO OVER REMOVAL LIMITS
- (C2) GRADE TO R/W AS NEEDED TO MATCH WITH NEW CURB AND GUTTER
- (C3) CITY OF SHERWOOD PUBLIC WORKS TO INSTALL "NO PARKING" SIGN



SCALE: 1" = 20' HORZ
1" = 5' VERT

DRIVEWAY KEY NOTES

NOTE: PRIOR TO DRIVEWAY RECONSTRUCTION, CONTRACTOR TO GO OVER REMOVAL LIMITS WITH ENGINEER/INSPECTOR. TOP OF CURB ELEVATIONS IN PROFILE ARE NOMINAL TOP OF CURB ELEVATIONS THAT DON'T ACCOUNT FOR CURB REDUCTION DUE TO CURB CUTS.

- (T2) REMOVE EXISTING ASPHALT AND BASE ROCK AS NECESSARY. SHAPE BASE ROCK AND INSTALL NEW CONCRETE DRIVEWAY SECTION (MIN. 6" THICKNESS). BLEND TO MATCH EXISTING CONCRETE DRIVEWAY AT R/W LIMITS).
- (T3) REMOVE EXISTING GRAVEL, DIRT, AND BASE ROCK AS NECESSARY. SHAPE BASE ROCK AND INSTALL NEW CONCRETE DRIVEWAY SECTION (MIN. 6" THICKNESS). BLEND TO MATCH EXISTING CONCRETE DRIVEWAY AT R/W LIMITS).
- (T4) EX. CONCRETE TO REMAIN- DO NOT DAMAGE
- (T5) WIDEN DRIVEWAY APPROX. 4 FEET ON WEST SIDE. COORDINATE LAYOUT AND TIMING OF CONSTRUCTION WITH RESIDENTS AT 23091 AND 23103 SW SCHAMBURG DR. ENSURE GRADING DOES NOT EXCEED A 14% SLOPE. INSTALL NEW CONCRETE DRIVEWAY SECTION WITH A MINIMUM THICKNESS OF 6 INCHES. BLENDING THE NEW SECTION TO MATCH THE EXISTING DRIVEWAY AT THE RIGHT-OF-WAY LIMITS. REFER TO SHEET 6 FOR BULB-OUT DETAIL.
- (T6) REMOVE EXISTING ASPHALT AND BASE ROCK AS NECESSARY. CEMENT TREAT AND ASPHALT PER TYPICAL SECTION ON SHEET 4.

STORM KEY NOTES

- (D3) INSTALL 12" PVC D3034, SDR 35 L=160.1' S=0.50%
- (D4) REMOVE EX. CATCH BASINS
- SDCB-3
STA. 13+63.94, ±14.00' RT (BACK OF GRATE)
INSTALL CG-2 CATCH BASIN
TOC = 301.74'
GRATE EL. = 301.18' (DEPRESSED 1.5")
10" I.E. OUT = 296.81'(E)
+10" PVC D3034, SDR35
L=±10.10' S=±1.05%
STORM LEAD BENEATH WATERLINE (DO NOT DAMAGE)

EROSION CONTROL KEY NOTES

- (E1) INSTALL SILT SACK IN CATCH BASIN
- (E2) INSTALL BIOBAGS IN CURB INLET
- (E3) INSTALL SILT SACK IN CATCH BASIN AND BIOBAGS IN FROM OF CURB OPENING

- (X) CAUTION: EX. U.G. UTILITY-DO NOT DAMAGE

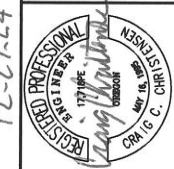
STREET AND STORM PLAN AND
PROFILE (SCHAMBURG SOUTH)

SCHAMBURG STREET, STORM AND SANITARY SEWER
REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

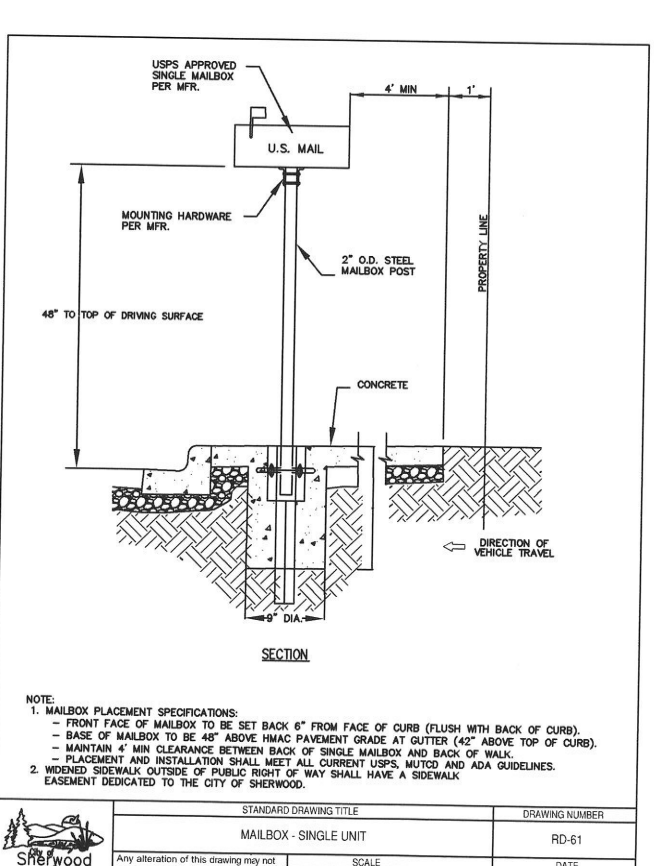
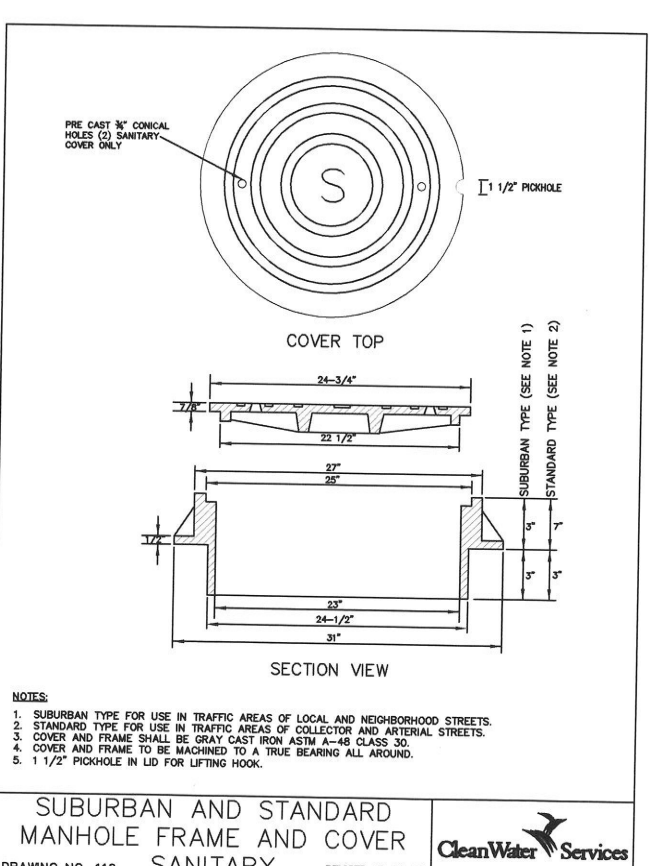
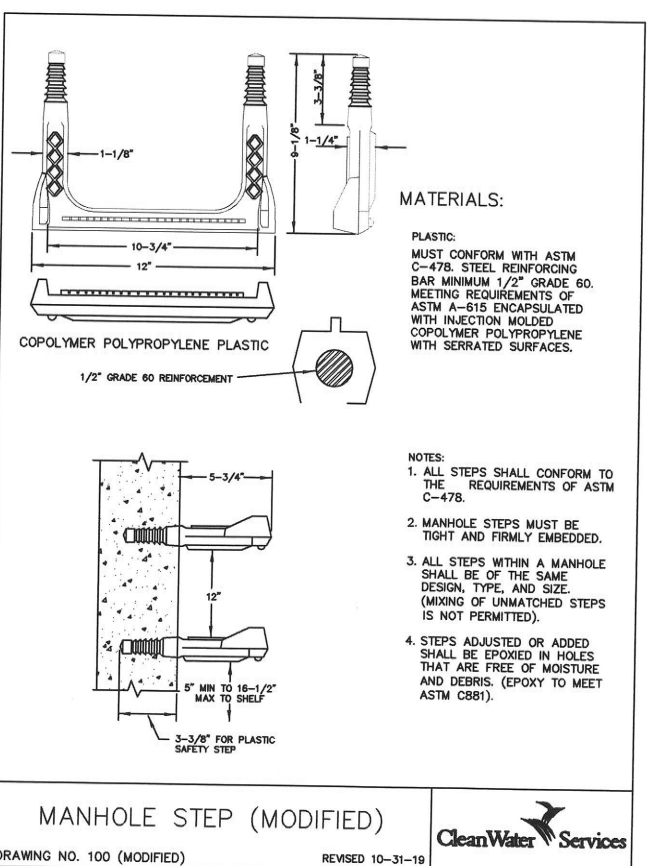
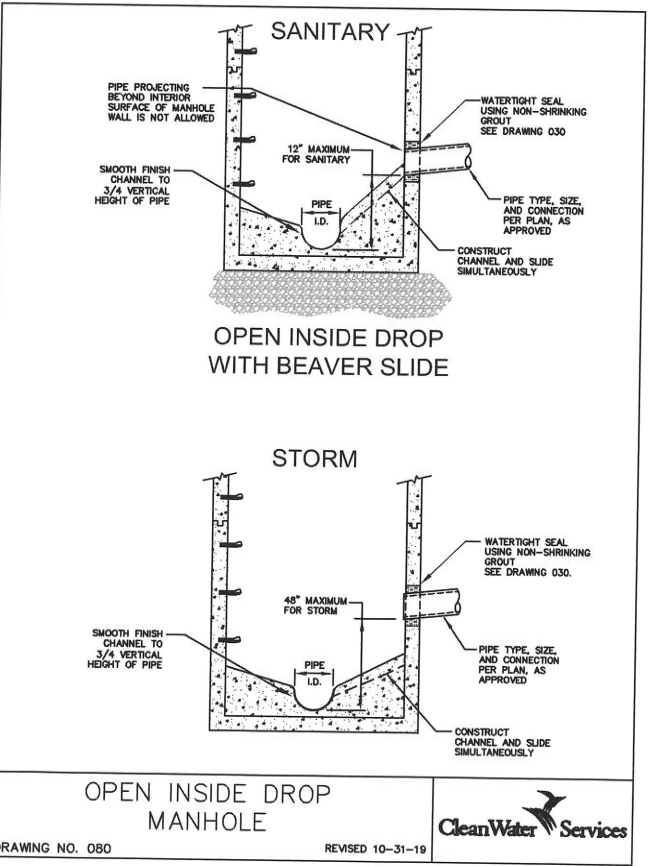
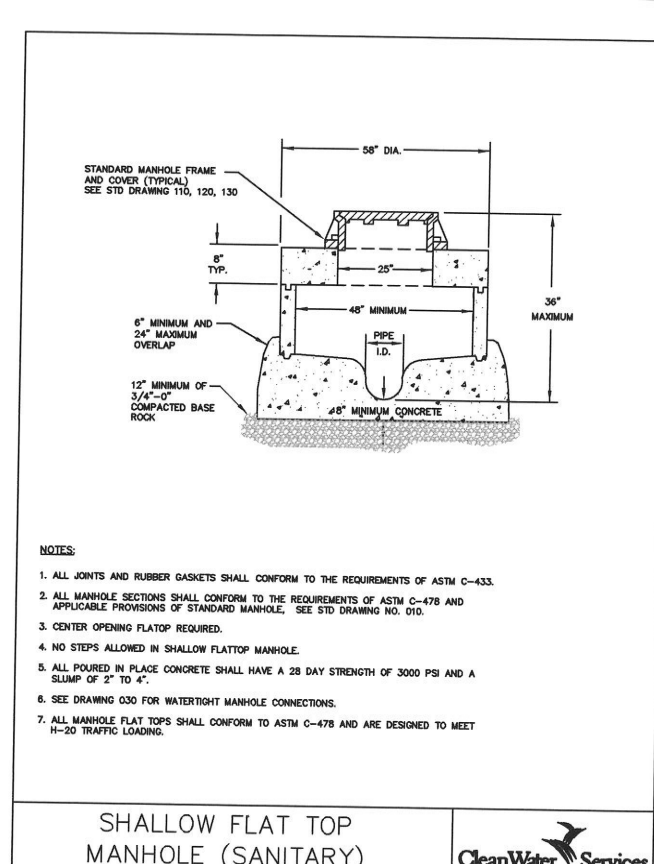
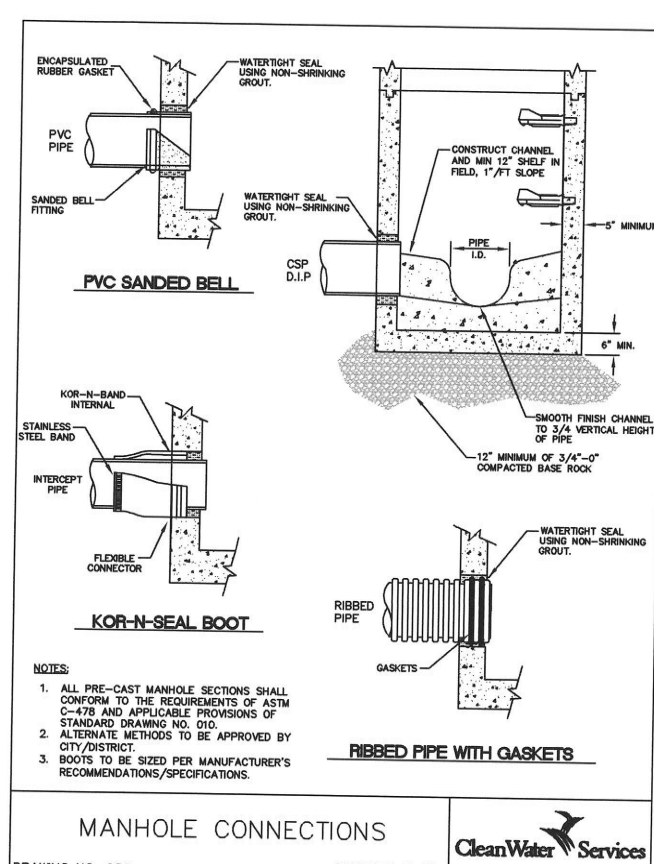
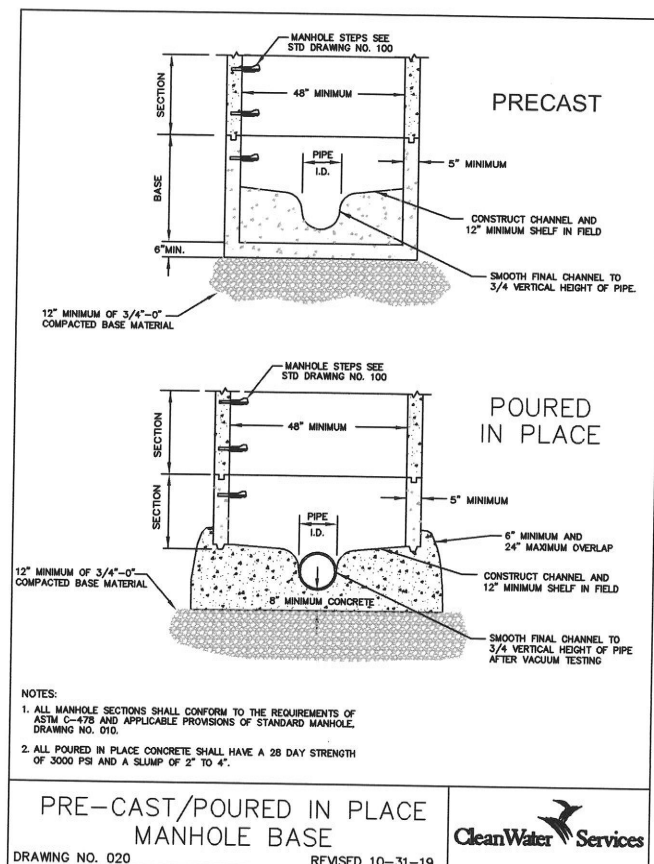
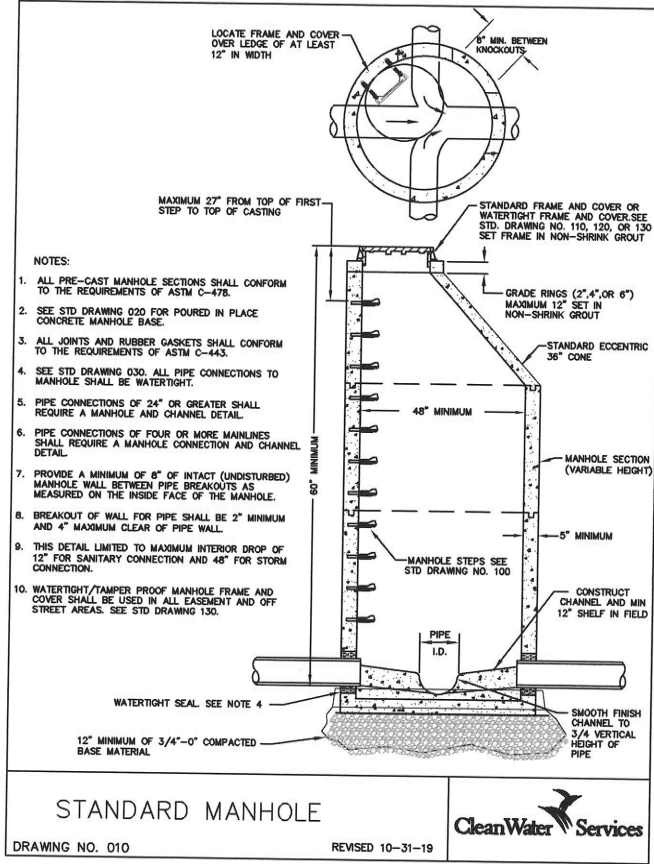
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CCC
FULL SIZE SCALE:	1"=20'
DATE:	DECEMBER, 2024
SCHAMBURG SSS SHEETS	

REVISIONS	
JOB NO.	
SHEET NO.	14



DETAILS 1

SCHAMBURG STREET, STORM AND SANITARY REHABILITATION

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22550 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 825-2308
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REGISTERED PROFESSIONAL ENGINEER
1979
CIVIL
CWA 16 C. CIVIL
12-27-24

DESIGNED BY: JMC
DRAWN BY: JMC
CHECKED BY: CCC
FULL SIZE SCALE: N/A
DATE: DECEMBER, 2024
SANITARY SSS SHEETS

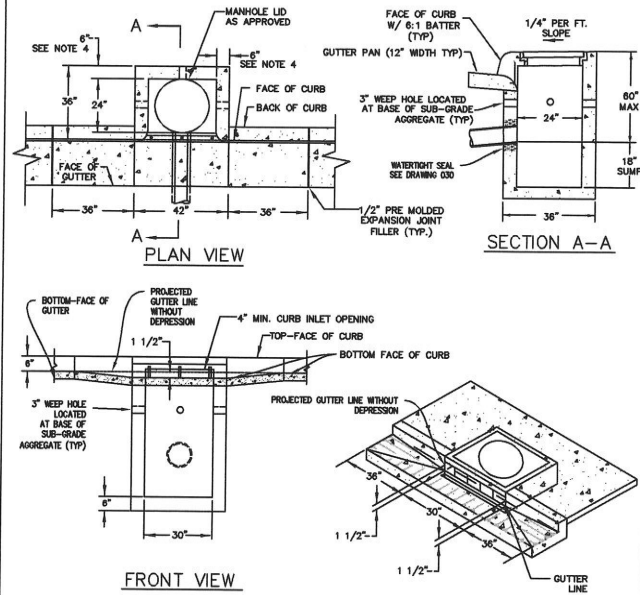
REVISIONS

NO.	DESCRIPTION
1	15

JOB NO.

SHEET NO.

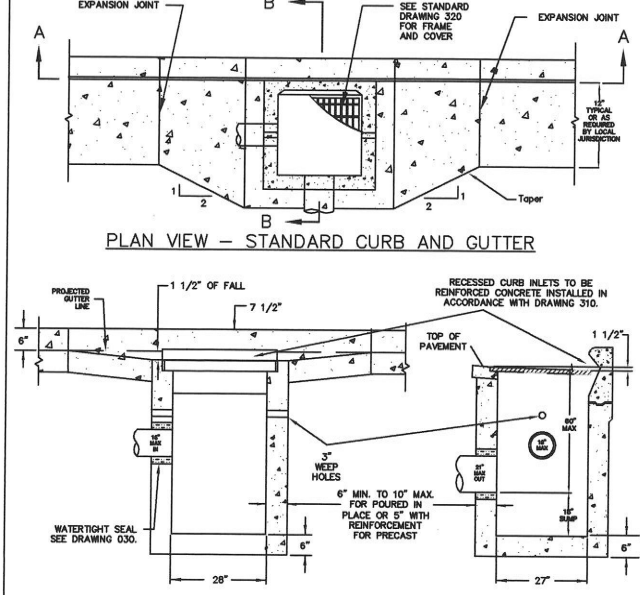
15



INLET CATCH BASIN (CG-30)

DRAWING NO. 330 REVISED 10-31-19

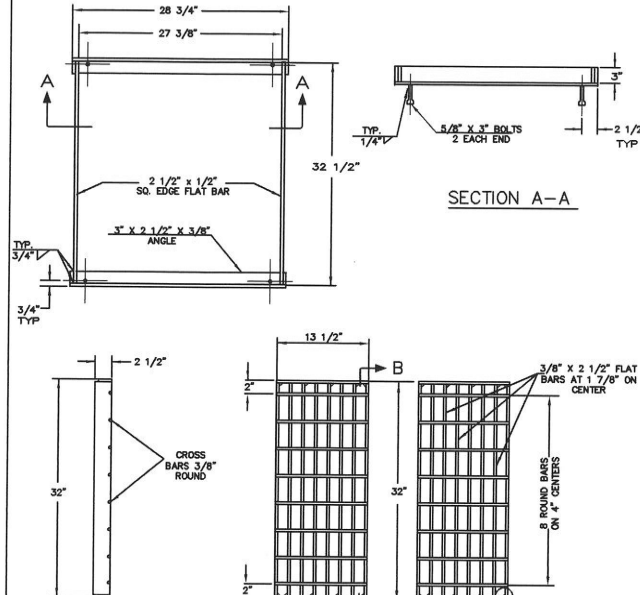
CleanWater Services



GUTTER & CURB INLET CATCH BASIN (CG-2)

DRAWING NO. 300 REVISED 10-31-19

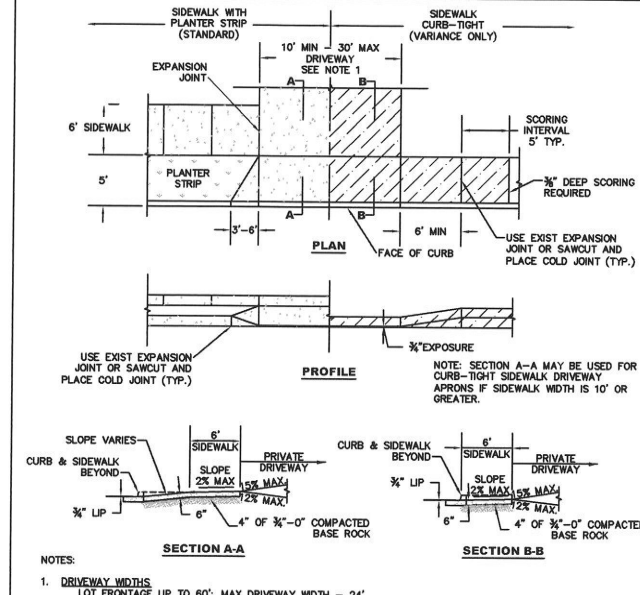
CleanWater Services



CATCH BASIN FRAME AND GRATE (CG-2)

DRAWING NO. 320 REVISED 10-31-19

CleanWater Services

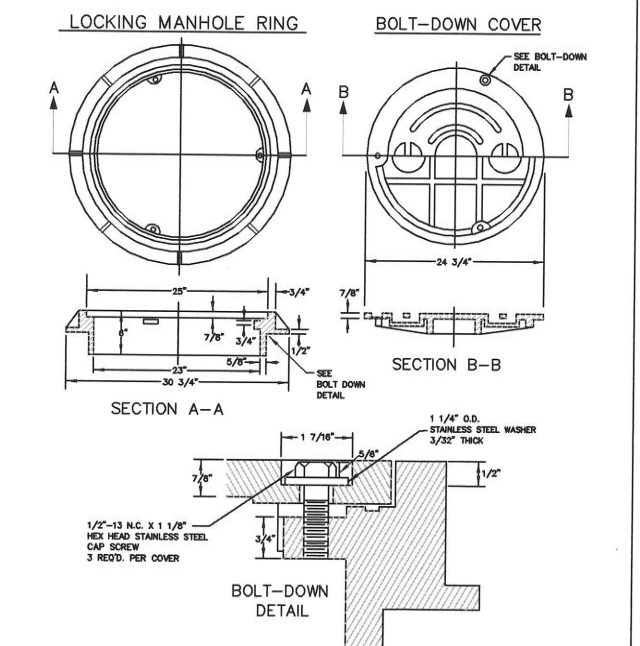


STANDARD DRAWING TITLE
RESIDENTIAL DRIVEWAY DETAIL

DRAWING NUMBER
RD-41

SCALE
N.T.S.

DATE
MAR '16



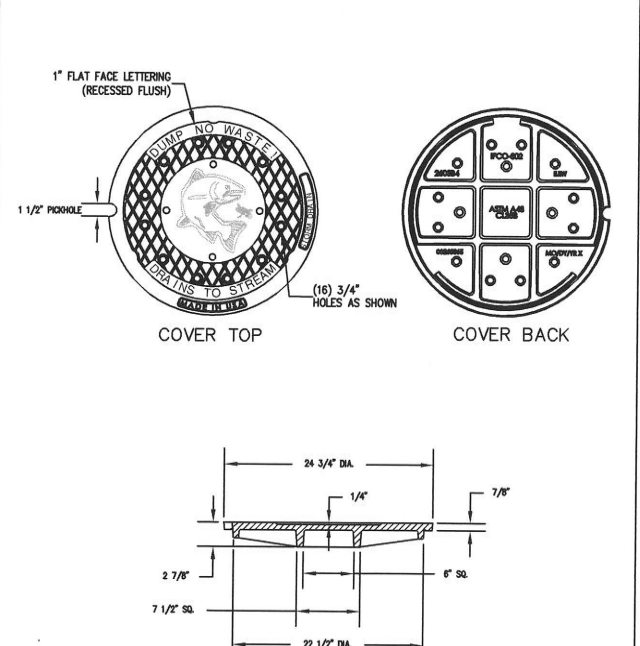
STANDARD DRAWING TITLE
TAMPER PROOF MANHOLE FRAME AND COVER

DRAWING NUMBER
RD-24

SCALE
N.T.S.

DATE
2024.12.09

CleanWater Services



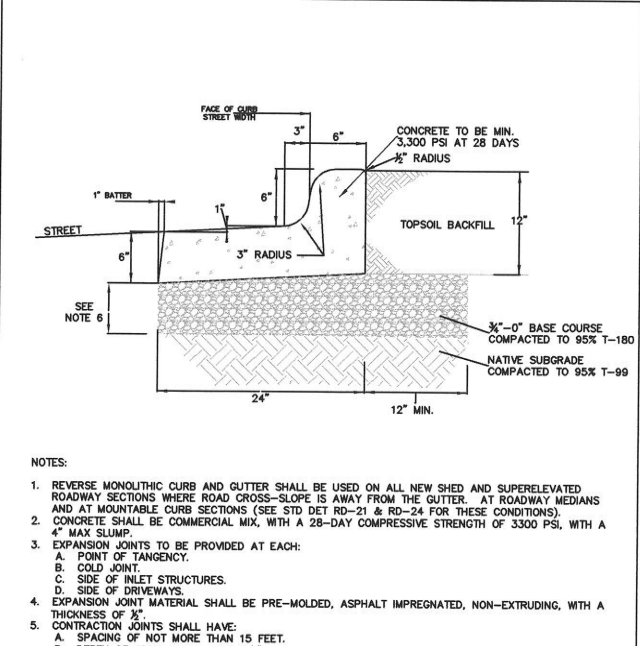
STANDARD DRAWING TITLE
REVERSE MONOLITHIC CURB AND GUTTER

DRAWING NUMBER
RD-23

SCALE
N.T.S.

DATE
MAR '16

CleanWater Services



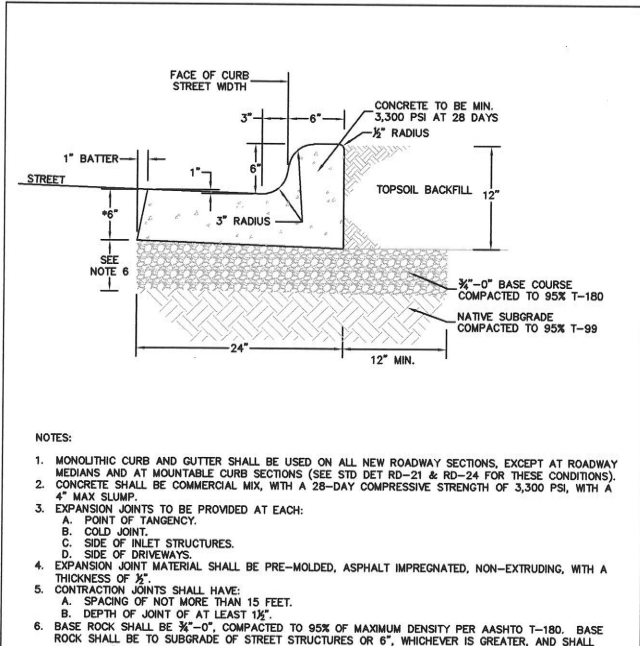
STANDARD DRAWING TITLE
MONOLITHIC CURB AND GUTTER

DRAWING NUMBER
RD-22

SCALE
N.T.S.

DATE
MAR '16

CleanWater Services



STANDARD DRAWING TITLE
MONOLITHIC CURB AND GUTTER

DRAWING NUMBER
RD-22

SCALE
N.T.S.

DATE
MAR '16

CleanWater Services

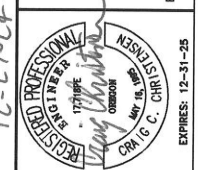
DETAILS 2

SCHAMBURG STREET, STORM AND SANITARY REHABILITATION

LOCATED IN SECTION 32CA, T2S, R1W, W.M.
IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22500 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov






DESIGNED BY:	JMC
DRAWN BY:	JMC
CHECKED BY:	CC
FULL SIZE SCALE:	N/A
DATE:	DECEMBER, 2024

JOB NO.	
SHEET NO.	16
REVISIONS	

NOTES:

1. WHEN RAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EXPERIENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DAILY INSPECTIONS OF THE EROSION AND SEDIMENT CONTROLS AND DISCHARGE OUTFALLS.
2. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 1 THROUGH MAY 31ST EACH YEAR.
3. DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.
4. SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. THEY MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED.
5. ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. UNLESS OTHERWISE APPROVED, A SURFACE MOUNTED AND ATTACHABLE, U-SHAPED FILTER BAG IS REQUIRED FOR ALL CURB INLET CATCH BASINS.
6. SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIME FRAME.
7. SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.
8. SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 1/3-RD THE BARRIER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.
9. CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT.
10. ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.
11. THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION.
12. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE.
13. OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WATER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS.
14. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. UNLESS OTHERWISE APPROVED, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
15. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPS THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMPS MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
16. IF VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1ST; THE TYPE AND PERCENTAGES OF SEED IN THE MIX ARE AS IDENTIFIED ON THE PLANS OR AS SPECIFIED BY THE DESIGN ENGINEER.
17. WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMPS; SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE.
18. ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (I.E. FILTER BAG).
19. THE ESC PLAN MUST BE KEPT ONSITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
20. THE ESC MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.
21. WRITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST.
22. IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPS MUST BE USED WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.
23. ALL EXPOSED SOILS MUST BE COVERED DURING WET WEATHER PERIOD.

STANDARD EROSION CONTROL
NOTES FOR SITES LESS THAN 1
DRAWING NO. 945 ACRE

JOB NO.	SHEET	18	REVISIONS	<table><tr><td>DESIGNED BY:</td><td>JMC</td></tr><tr><td>DRAWN BY:</td><td>JMC</td></tr><tr><td>CHECKED BY:</td><td>CCC</td></tr><tr><td>FULL SIZE SCALE:</td><td>N/A</td></tr><tr><td>DATE:</td><td>DECEMBER, 2024</td></tr></table>	DESIGNED BY:	JMC	DRAWN BY:	JMC	CHECKED BY:	CCC	FULL SIZE SCALE:	N/A	DATE:	DECEMBER, 2024	<table><tr><td colspan="2"></td></tr><tr><td colspan="2">CITY OF SHERWOOD ENGINEERING DEPARTMENT 22560 SW PINE STREET SHERWOOD, OREGON 97140</td></tr><tr><td>PHONE: (503) 925-2309</td><td>LOCATED IN SECTION 32CA, T2S, R1W, W.M.</td></tr><tr><td>FAX: (503) 925-0629</td><td>IN THE CITY OF SHERWOOD,</td></tr><tr><td>E-MAIL: engineering@cityofsherwood.gov</td><td>WASHINGTON COUNTY, STATE OF OREGON</td></tr></table>			CITY OF SHERWOOD ENGINEERING DEPARTMENT 22560 SW PINE STREET SHERWOOD, OREGON 97140		PHONE: (503) 925-2309	LOCATED IN SECTION 32CA, T2S, R1W, W.M.	FAX: (503) 925-0629	IN THE CITY OF SHERWOOD,	E-MAIL: engineering@cityofsherwood.gov	WASHINGTON COUNTY, STATE OF OREGON	SCHAMBURG STREET, STORM AND SANITARY REHABILITATION	DETAILS 4
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