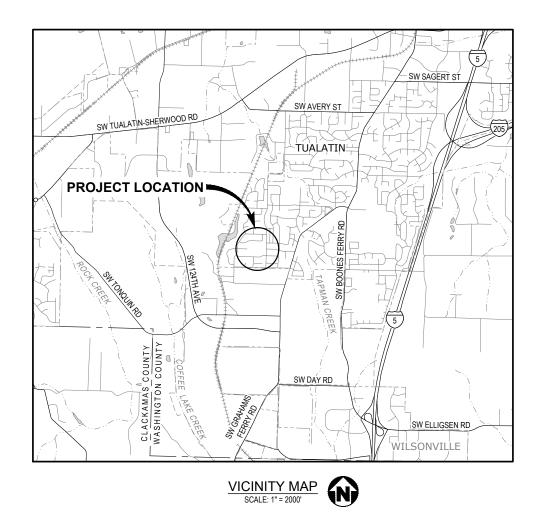
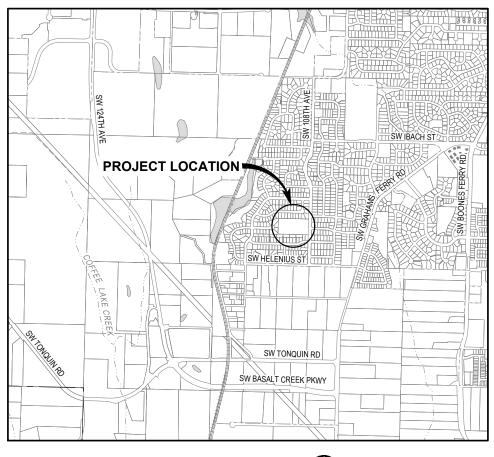
CITY OF TUALATIN SW 108TH AVE WATER RESERVOIR **AND PUMP STATION**



CONDITIONAL USE PERMIT APPLICATION

PROJECT NO: W240758OR **APRIL 2025**











PORTLAND, OREGON 97204 P 503 225 9010

PROJECT CONTACTS

CITY PROJECT MANAGER ABBY MCFETRIDGE CITY OF TUALATIN

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ELECTRICAL ENGINEER R&W

INSTRUMENTATION & CONTROL JEFFREY HOWARD, PE R&W

GEOTECHNICAL ENGINEER KEVIN WOOD, PE SHANNON & WILSON

> PRELIMINARY NOT FOR CONSTRUCTION



DWG NO	DRAWING TITLE
01 - GENER	ΔΙ
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01-G-001	SHEET INDEX
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01-G-003	GENERAL ABBREVIATIONS
01-G-004	GENERAL NOTES
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01-G-502	CITY OF TUALATIN STANDARD DETAILS - 2
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01-D-001	PROCESS LEGEND AND NOTES
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01-M-001	MECHANICAL LEGENDS AND NOTES
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05-C-053	ESC PLAN PHASE 3 - FINAL GRADING, RUNOFF CONTROL, AND STABILIZATION
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05-C-502 05-C-503 05-C-504 05-C-505	CIVIL DETAILS - 1 CIVIL DETAILS - 2
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 3
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1
05-C-502 05-C-503	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-101 05-L-101 05-L-501 10 - RESER	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101 05-L-501 10 - RESER 10-S-001	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS VOIR
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101 05-L-501 10 - RESER 10-S-001 10-S-002	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS VOIR RESERVOIR GENERAL STRUCTURAL NOTES - 1
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101 05-L-501 10 - RESER 10-S-001 10-S-002 10-S-003	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS VOIR RESERVOIR GENERAL STRUCTURAL NOTES - 1 RESERVOIR GENERAL STRUCTURAL NOTES - 2
05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101 05-L-501 10 - RESER 10-S-001 10-S-002 10-S-003 10-S-101	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS VOIR RESERVOIR GENERAL STRUCTURAL NOTES - 1 RESERVOIR GENERAL STRUCTURAL NOTES - 2 RESERVOIR STRUCTURAL QUALITY ASSURANCE PLAN
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05-C-502 05-C-503 05-C-504 05-C-505 05-L-001 05-L-100 05-L-101 05-L-501	CIVIL DETAILS - 1 CIVIL DETAILS - 2 CIVIL DETAILS - 2 CIVIL DETAILS - 3 LANDSCAPING LEGEND, NOTES, AND PLANT LIST LANDSCAPING PLAN - 1 LANDSCAPING PLAN - 2 LANDSCAPING DETAILS VOIR RESERVOIR GENERAL STRUCTURAL NOTES - 1 RESERVOIR GENERAL STRUCTURAL NOTES - 2 RESERVOIR GENERAL STRUCTURAL NOTES - 2 RESERVOIR STRUCTURAL QUALITY ASSURANCE PLAN RESERVOIR FLOOR SLAB AND DOME PLANS

Sub Consultant:

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20-E-603 20-I-601	PUMP STATION CIRCUIT AND PAREL SCHEDULES - 2 PUMP STATION PROCESS & INSTRUMENTATION DIAGRAM NG ASR WELL HOUSE

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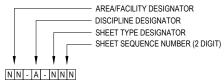
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CITY OF TUALATIN SW 108TH AVE WATER RESERVOIR AND PUMP STATION

Project Title:

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SHEET INDEX DESIGNATIONS



AREA/FACILITY DESIGNATORS

- 01 GENERAL 05 CIVIL 10 RESERVOIR 20 PUMP STATION 30 EXISTING ASR WELL HOUSE

DISCIPLINE DESIGNATORS

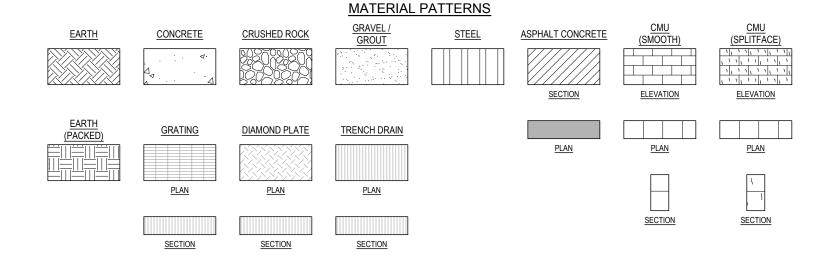
- G
- GENERAL CIVIL С
- LANDSCAPE
- ARCHITECTURAL
- STRUCTURAL
- PROCESS
- PROCESS PLUMBING MECHANICAL (HVAC) FIRE PROTECTION ELECTRICAL М
- F E
- INSTRUMENTATION AND P&IDS 1

SHEET TYPE DESIGNATORS

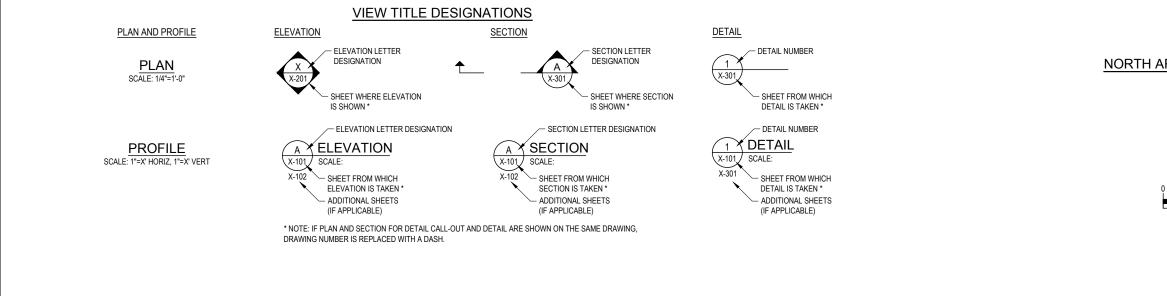
- 0
- GENERAL PLAN VIEWS ELEVATIONS
- SECTIONS
- LARGE SCALE VIEWS DETAILS
- SCHEDULES AND DIAGRAMS USER DEFINED USER DEFINED 3D REPRESENTATION

- 9

PERMIT	Designed By:	Consor Project No.: W240758OR			
FERMIT	TMS	Issued On: APRIL 2025			
	Drawn By: MBE	Sheet:			
SHEET INDEX	Checked By: ANB	01-G-001			
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE			



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Engineer's Sea



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Project Title

CITY OF TUALATIN SW 108TH AVE WATER RESERVOIR AND PUMP STATION

RROW	AND	SCAL	Е	BAR



5 10 20 SCALE IN FEET

GENERAL NOTE:

1. THIS IS A STANDARD GENERAL SHEET, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

01 - GENERAL	Designed By:	Consor Project No.: W240758OR			
01- GENERAL	TMS	Issued On: APRIL 2025			
	Drawn By: MBE	Sheet:			
GENERAL SYMBOLS AND LEGENDS	Checked By: ANB	01-G-002			
LEGENDS	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE			

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consor

Sub Consultant

@ AASHTO

AB

ABAN(D)

ABS

ABV

AC

ACI

ACP

ADJ ADJC

AFF

AFG

AHR

AL

ALT

AMP ANSI

APPROX

APPVD

APWA

ARCH

ARV

ASCE

ASR ASSN

ASSY

ASTM

ATM

AUTO

AUX

AVE AVG

B&S

BC BD

BETW BF

BFD

BFILL

BFV

BHP

BKGD

BLDG BLK

BLVD BM

BMP

BO

BOC

BS BSMT

BTF

BTU BV

BW

С

C TO C CARV

CATV

CB

CCP

CCW

CDOT

CFM CFS CHAN

CHEM

CHFR

CHKV

CI CIP CIPC

CISP

CJ CL OR C/L

CL2

CLG

CLJ

CLR

CLSM CMP

Consultant

AWWA

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Project Title

CITY OF TUALATIN SW 108TH AVE WATER RESERVOIR AND PUMP STATION

	1		2		3			4			5		
	AT	CMU	CONCRETE MASONRY UNIT		FO	FIBER OPTIC		KW	KILOWATT			PROP	PROPERTY
	AMERICAN ASSOCIATION OF STATE	CND	CONDUIT		FOC	FACE OF CONCRETE		KWY	KEYWAY			PRV	PRESSURE REDUCING VAL
	HIGHWAY & TRANSPORTATION OFFICIALS	CO	CLEANOUT		FOF	FACE OF FINISH						PS	PUMP STATION
	ANCHOR BOLT	COL	COLUMN		FOM	FACE OF MASONRY		L LAB	LENGTH LABORATORY			PSIG	POUNDS PER SQUARE INC
	ABANDON(ED) ACRYLONITRILE BUTADIENE STYRENE	COMB CONC	COMBINATION CONCRETE		FOS FPM	FACE OF STUDS FEET PER MINUTE		LAB	LAVATORY			PSL PSPT	PIPE SLEEVE PIPE SUPPORT
	ABOVE / ALCOHOL BY VOLUME	CONC	CONNECTION		FPM	FEET PER SECOND		LAV	POUND			PSPT	POINT OF TANGENCY
	ASPHALTIC CONCRETE	CONST	CONSTRUCTION		FRP	FIBERGLASS REINFORCED	PLASTIC	LE	LINEAR FOOT			PTVC	POINT OF TANGENCY ON V
	AMERICAN CONCRETE INSTITUTE	CONT	CONTINUOUS / CONTINUATION		FT	FEET / FOOT		LIN	LINEAL			1100	CURVE
	ASPHALTIC CONCRETE PAVING	CONTR	CONTRACT(OR)		FTG	FOOTING		LN	LANE			PTW	PUMP TO WASTE
	ADJUSTABLE	COORD	COORDINATE		FUT	FUTURE		LOC	LOCATION			PV	PLUG VALVE
	ADJACENT	COP	COPPER		FXTR	FIXTURE		LONG	LONGITUDINAL			PVC	POLYVINYL CHLORIDE
	ABOVE FINISHED FLOOR	CORP	CORPORATION					LP	LOW PRESSURE			PVMT	PAVEMENT
	ABOVE FINISHED GRADE	CORR CP	CORRUGATED		G GA	GAS GAUGE		LPT LRG	LOW POINT LARGE			PW PWR	POTABLE WATER POWER
	ANCHOR ALUMINUM	CPLG	CONTROL POINT COUPLING		GAL	GALLON		LRG	LONG SLEEVE / LUMP			PWR	POWER
	ALTERNATE	CPVC	CHLORINATED POLYVINYL CHLORIDE		GALV	GALVANIZED		LT	LEFT	301		QTY	QUANTITY
	AMPERE	CR	CRUSHED ROCK		GC	GROOVED COUPLING		LVL	LEVEL			Q	0.07.011111
	AMERICAN NATIONAL STANDARDS INSTITUTE	CS	CARBON STEEL		GFA	GROOVED FLANGE ADAPT	ER	LWL	LOW WATER LINE			RAD	RADIUS
	APPROXIMATE	CSP	CONCRETE SEWER PIPE		GI	GALVANIZED IRON						RC	REINFORCED CONCRETE
	APPROVED	CT	COURT		GIP	GALVANIZED IRON PIPE		MAN	MANUAL			RCP	REINFORCED CONCRETE F
	AMERICAN PUBLIC WORKS ASSOCIATION	CTR	CENTER		GJ	GRIP JOINT		MAT	MATERIAL			RD	ROAD / ROOF DRAIN
	ARCHITECTURAL AIR RELEASE VALVE	CU	CUBIC		GL	GLASS		MAX MCC	MAXIMUM MOTOR CONTROL CE			RDCR	REDUCER
	AIR RELEASE VALVE AMERICAN SOCIETY OF CIVIL ENGINEERS	CULV CV	CULVERT CONTROL VALVE		GLV GND	GLOBE VALVE GROUND		MCC	MASTER CONTROL P			REF REINF	REFERENCE REINFORCE(D)(ING)(MENT)
	AQUIFER STORAGE & RECOVERY	CW	CLOCKWISE / COLD WATER		GPD	GALLONS PER DAY		MECH	MECHANICAL			REQ'D	REQUIRED
	ASSOCIATION	CY	CUBIC YARDS		GPH	GALLONS PER HOUR		MET	METAL			RES	RESERVOIR
	ASSEMBLY	CYL	CYLINDER LOCK		GPM	GALLONS PER MINUTE		MFR	MANUFACTURER			RESTR	RESTRAINED
	AMERICAN SOCIETY FOR TESTING				GPS	GALLONS PER SECOND		MGD	MILLION GALLONS PE	ER DAY		RFCA	RESTRAINED FLANGE COU
	& MATERIALS	D	DRAIN		GR	GRADE		MH	MANHOLE			RM	ROOM
	ATMOSPHERE	DC	DIRECT CURRENT		GR LN	GRADE LINE		MIN				RND	ROUND
	AUTOMATIC	DEFL	DEFLECTION		GRTG	GRATING		MIPT MISC	MALE IRON PIPE THR MISCELLANEOUS	EAD		RO	ROUGH OPENING
	AUXILIARY AVENUE	DEQ DET	DEPARTMENT OF ENVIRONMENTAL QU DETAIL	JALITY	GV GRVL	GATE VALVE GRAVEL		MJ	MECHANICAL JOINT			R/W RPBPD	RIGHT-OF-WAY REDUCED PRESSURE BAC
	AVERAGE	DET	DUCTILE IRON		GYP	GYPSUM		MON	MONUMENT / MONOL	ITHIC		REDED	PREVENTION DEVICE
	AMERICAN WATER WORKS ASSOCIATION	DIA	DIAMETER		011	GTT 30W		MOT	MOTOR			RPM	REVOLUTIONS PER MINUT
		DIM	DIMENSION		НВ	HOSE BIBB		MP	MILEPOST			RR	RAILROAD
	BELL & SPIGOT	DIR	DIRECTION		HC	HOLLOW CORE		MSL	MEAN SEAL LEVEL			RST	REINFORCED STEEL
	BOLT CIRCLE	DIST	DISTANCE		HDPE	HIGH DENSITY POLYETHYL	ENE	MTD	MOUNTED			RT	RIGHT
	BOARD	DN	DOWN		HDR	HEADER							
	BETWEEN	DR	DRIVE		HDWE	HARDWARE		NA	NOT APPLICABLE			SALV	SALVAGE
	BOTH FACE BACKFLOW PREVENTION DEVICE	DS	DOWNSPOUT		HGR HGT	HANGER HEIGHT		NAVD NC	NORTH AMERICAN VI NORMALLY CLOSED	ERTICAL DATUM		SAN	SANITARY
	BACKFILL	DWG DWL	DRAWING DOWEL		HH	HANDHOLD		NF	NEAR FACE			SC SCHED	SOLID CORE SCHEDULE
	BUTTERFLY VALVE	DWL	DOWEL DRAIN WASTE AND VENT		НМ	HOLLOW METAL		NIC	NOT IN CONTRACT			SCHED	STORM DRAIN
	BRAKE HORSEPOWER	DWY	DRIVEWAY		HMAC	HOT MIX ASPHALT CONCRE	TE	NO/NO.	NORMALLY OPEN / N	UMBER		SDL	SADDLE
	BACKGROUND				HNDRL	HANDRAIL		NOM	NOMINAL			SDR	STANDARD DIMENSION RA
	BUILDING	E / ELEC	ELECTRICAL		HOA	HAND-OFF-AUTO		NORM	NORMAL			SECT	SECTION
	BLOCK	EA	EACH		HOR	HAND-OFF-REMOTE		NRS	NON-RISING STEM			SHLDR	SHOULDER
	BOULEVARD	ECC	ECCENTRIC		HORIZ	HORIZONTAL	011/55	NTS	NOT TO SCALE			SHT	SHEET
	BENCHMARK / BEAM BEST MANAGEMENT PRACTICES	EF EL	EACH FACE ELEVATION		HP HPG	HIGH PRESSURE / HORSEP HIGH PRESSURE GAS	OWER	о то о	OUT TO OUT			SIM	SIMILAR SLOPE
	BLOW-OFF	ELB	ELBOW		HPG	HIGH POINT		0100	ON CENTER			SLP SLV	SLEEVE
	BACK OF CURB	ENCL	ENCLOSURE		HR	HOUR		OD	OUTSIDE DIAMETER			SOLN	SOLUTION
	BOTH SIDES	EOP	EDGE OF PAVEMENT		HSB	HIGH STRENGTH BOLT		OF	OVERFLOW / OUTSID	E FACE		SP	SOIL PIPE / SEWER PIPE
	BASEMENT	EQ	EQUAL		HV	HOSE VALVE		OPNG	OPENING			SPCL	SPECIAL
	BOTTOM FACE	EQL SP	EQUALLY SPACED		HVAC	HEATING, VENTILATION, AI	२	OPP	OPPOSITE			SPEC(S)	SPECIFICATION(S)
	BRITISH THERMAL UNIT	EQUIP	EQUIPMENT			CONDITIONING		ORIG	ORIGINAL			SPG	SPACING
	BALL VALVE	ESMT	EASEMENT		HWL	HIGH WATER LINE		OSHA	OCCUPATIONAL SAF	ETY AND HEALTH		SPL	SPOOL
	BOTH WAYS	EW EXC	EACH WAY EXCAVATE		HWY HYD	HIGHWAY HYDRANT		OVHD	ADMINISTRATION OVERHEAD			SPRT	SUPPORT
	CELSIUS	EXIST	EXCAVATE		HYDR	HYDRAULIC		OVID	OVENIEAD			SQ SQ FT	SQUARE SQUARE FOOT
	CENTER TO CENTER	EXP	EXPANSION		III BIL			P&ID	PROCESS & INSTRUM	MENTATION		SQIN	SQUARE INCH
	COMBINATION AIR RELEASE VALVE	EXP BT	EXPANSION BOLT		I&C	INSTRUMENTATION & CON	TROL		DIAGRAM			SQ YD	SQUARE YARD
	CABLE TELEVISION	EXP JT	EXPANSION JOINT		IAW	IN ACCORDANCE WITH		PC	POINT OF CURVE			SS	SANITARY SEWER
	CATCH BASIN	EXT	EXTERIOR		ID	INSIDE DIAMETER		PCC	POINT OF COMPOUN			SST	STAINLESS STEEL
	CONCRETE CYLINDER PIPE	_			IE	INVERT ELEVATION		PCVC	POINT OF CURVATUR	REON		ST	STREET
	COUNTER CLOCKWISE	F	FAHRENHEIT		IF	INSIDE FACE		DE	VERTICAL CURVE			STA	STATION
	COLORADO DEPARTMENT OF TRANSPORTATION	F TO F FAB	FACE TO FACE FABRICATE		IMPVT IN	IMPROVEMENT INCH		PE PERF	PLAIN END PERFORATED			STD	STANDARD
	CUBIC FEET PER MINUTE	FAB FB	FABRICATE FLAT BAR		IN	INCH INCLUDE(D)(ING)		PERF	PERMANENT			STL STOR	STEEL STORAGE
	CUBIC FEET PER SECOND	FCA	FLANGED COUPLING ADAPTER		INFL	INFLUENT		PERP	PERPENDICULAR			STR	STRAIGHT
	CHANNEL	FCO	FLOOR CLEANOUT		INJ	INJECTION		PG	PRESSURE GAUGE			STRUCT	STRUCTURE / STRUCTURA
	CHEMICAL	FD	FLOOR DRAIN		INSTL	INSTALLATION		PH	PIPE HANGER			SUBMG	SUBMERGED
	CHAMFER	FDN	FOUNDATION		INSUL	INSULATION		PI	POINT OF INTERSEC			SUCT	SUCTION
	CHECK VALVE	FEXT	FIRE EXTINGUISHER		INTER	INTERCEPTOR		PIVC	POINT OF INTERSEC	HON ON		SV	SOLENOID VALVE
		FF	FINISHED FLOOR / FAR FACE		INTR	INTERIOR			VERTICAL CURVE			S/W	SIDEWALK
		FGL FH			INV IP	INVERT IRON PIPE		PL OR P/L PLBG	PROPERTY LINE / PL/ PLUMBING	ATE / PLASTIC		SWD	SIDEWATER DEPTH
	CAST IN PLACE CONCRETE CAST IRON SOIL PIPE	FH FIN	FIRE HYDRANT FINISH(ED)		IP IPT	IRON PIPE		PLBG	PLUMBING			SWGR SYMM	SWITCH GEAR SYMMETRICAL
	CONSTRUCTION JOINT	FIPT	FEMALE IRON PIPE THREAD		IR	IRON ROD		POC	POINT OF CURVATUR	RE		SYMM	SYMMETRICAL
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	CHLORINE	FL	FLOOR LINE		-			PP	POWER POLE / PURP			T OR TEL	TELEPHONE
	CEILING	FLEX	FLEXIBLE		JT	JOINT		PRC	POINT OF REVERSE	CURVATURE		T&B	TOP & BOTTOM
	CONTROL JOINT	FLG	FLANGE		JUNC	JUNCTION		PRCST	PRECAST			TAN	TANGENCY
		FLL	FLOW LINE					PREP PRESS	PREPARATION			TB	THRUST BLOCK
	CONTROLLED LOW STRENGTH MATERIAL CORRUGATED METAL PIPE	FLR FM			KPL KVA	KICK PLATE KILOVOLT AMPERE		PRESS	PRESSURE PARKING			TBM	TEMPORARY BENCHMARK
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Engineer's Sea

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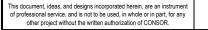
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PE XFMR TRANSFORMER YD YARD DRAIN / YARD YH YARD HYDRANT YR YEAR ZN ZINC TURAL MARK TOP OF CURB 01 - GENERAL O1 - GENERAL O1 - GENERAL Designed By: MBE O1-GENERAL Designed By: MBE O1-G-003 Approved By: YD		X SECT	CROSS SECTION	
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YD YARD DRAIN / YARD YH YARD DYDRANT YR YEAR ZN ZINC TURAL GENERAL NOTE: 1. THESE ARE STANDARD ABBREVIATIONS, NOT ALL OF THESE MAY BE USED ON THIS PROJECT. 01 - GENERAL Designed By: O1 - GENERAL Designed By: Drawn By: Sheet: MBE O1-G-003 Approved By: 9, 1/2 1/2 1/1 BAR DOES NOT MEASURE 1*	PE			
YH YARD HYDRANT YR YEAR ZN ZINC TURAL GENERAL NOTE: 1. THESE ARE STANDARD ABBREVIATIONS, NOT ALL OP OF CURB 01 - GENERAL Designed By: O1 - GENERAL THSS MBE Consor Project No:: W240758OR Sheet: O1-GO3 ANB APRIVE By: 9, 1/2 1/2 1/1 E BAR DOES NOT MEASURE 1*		YD	YARD DRAIN / YARD	
YR YEAR ZN ZINC TURAL MARK TOP OF CURB 01 - GENERAL O1 - GENERAL Designed By: Consor Project No: W240758OR MBE Drawn By: Sheet: O1-GENERAL ENERAL ABBREVIATIONS				
TURAL TOP OF CURB				
TURAL ARK TOP OF CURB O1 - GENERAL O1 - GENERAL O1 - GENERAL Designed By: Drawn By: By: Build On: APRIL 2025 Drawn By: By: Build On: APRIL 2025 Drawn B				
IARK TOP OF CURB 01 - GENERAL ENERAL ABBREVIATIONS ISSUED ON THIS PROJECT. Designed By: Designed By: Consor Project No: W240758OR TMS Issued On: APRIL 2025 Drawn By: MBE Checked By: O1-G-003 ANB Approved By: 0, 1/2 1 IF BAR DOES NOT MEASURE 1*		ZN ZINC		
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IARK TOP OF CURB 01 - GENERAL ENERAL ABBREVIATIONS ISSUED ON THIS PROJECT. Designed By: Designed By: Consor Project No: W240758OR TMS Issued On: APRIL 2025 Drawn By: MBE Checked By: O1-G-003 ANB Approved By: 0, 1/2 1 IF BAR DOES NOT MEASURE 1*				
IARK TOP OF CURB 01 - GENERAL ENERAL ABBREVIATIONS ISSUED ON THIS PROJECT. Designed By: Designed By: Consor Project No: W240758OR TMS Issued On: APRIL 2025 Drawn By: MBE Checked By: O1-G-003 ANB Approved By: 0, 1/2 1 IF BAR DOES NOT MEASURE 1*				
IARK TOP OF CURB 01 - GENERAL ENERAL ABBREVIATIONS ISSUED ON THIS PROJECT. Designed By: Designed By: Consor Project No: W240758OR TMS Issued On: APRIL 2025 Drawn By: MBE Checked By: O1-G-003 ANB Approved By: 0, 1/2 1 IF BAR DOES NOT MEASURE 1*				
ARK TOP OF CURB 01 - GENERAL ENERAL ABBREVIATIONS 01 - GENERAL 01 - GENERAL Designed By: Consor Project No: W240758OR TMS Sheet: Checked By: Checked By: 01-G-003 ANB Approved By: 0, 1/2 1 IF BAR DOES NOT MEASURE 1*	TURAL			
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OF THESE MAY BE USED ON THIS PROJECT. 01 - GENERAL Designed By: TMS Consor Project No.: W240758OR 01 - GENERAL TMS Issued On: APRIL 2025 Drawn By: MBE Sheet: 01-G-003 Checked By: ANB 01-G-003 ANB				
01 - GENERAL Designed By: TMS Consor Project No.: W240758OR Issued On: APRIL 2025 Drawn By: MBE Sheet: 01-G-003 Checked By: 01-G-003 APPOved By: 0 1/2 1 IF BAR DOES NOT MEASURE 1*	IARK			
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01 - GENERAL TMS Issued On: APRIL 2025 Drawn By: MBE Checked By: ANB O1-G-003 ANB Approved By: 0 1/2 1 IF BAR DOES NOT MEASURE 1*			Designed Drug	
ENERAL ABBREVIATIONS Approved By:			TMC	
ENERAL ABBREVIATIONS Drawn By: MBE Checked By: ANB Checked By: Approved By: 0 1/2 1/2 1 IF BAR DOES NOT MEASURE 1*	UT - GENERAL		APRIL 2025	
ENERAL ABBREVIATIONS MBE Checked By: ANB 01-G-003 Approved By: 0 1/2 1/2 1 IF BAR DOES NOT MEASURE 1*			Drawn By: Sheet:	
ENERAL ABBREVIATIONS Checked By: 01-G-003 ANB Approved By: 0 1/2 1 IF BAR DOES NOT MEASURE 1*				
ENERAL ABBREVIATIONS ANB Approved By: 0 1/2 1 IF BAR DOES NOT MEASURE 1*				
Approved By: 0 1/2 1 IF BAR DOES NOT MEASURE 1*				
TMS DRAWING IS NOT TO SCALE				
		-		

1		2	3		4	5	6
TOPOO	GRAPHIC LEGEND						
	EXISTING	PROPOSED		EXISTING	PROPOSED	SCHEMATIC	
WATERLINE			MANHOLE	SS SD (W) (C) (T)	0 0 0 0 0 0		WELDED JOINT
ELECTRICITY (UNDERGROUND)	E	———— E ————	CLEAN-OUT	0	0	I	WELDED JOINT
OVERHEAD UTILITY	OVHD	OVHD	CATCH BASIN/FIELD INLET				FLANGED JOINT
GAS	— — — - 4"G - — — — —	4"G	THRUST BLOCK	\bigtriangleup	▲	ſ	GROOVED END JOINT
TELEPHONE/TELEMETRY	T	T	VALVE	\otimes	8	0	
CABLE TELEVISION	CATV	CATV	AIR INJECTION ASSEMBLY		-		MECHANICAL JOINT
COMMUNICATION	COM	COM	BLOW-OFF ASSEMBLY (PERMANENT)	-00	-00		PUSH-ON JOINT (RUBBER GASKET)
FIBER OPTIC	— — — — F0 — — — —	FO	BLOW-OFF ASSEMBLY (TEMPORARY)		_*	-	
SANITARY SEWER LINE	— — — - 8"SS - — — — —		AIR RELEASE ASSEMBLY	-0)	-•)		FLANGED COUPLING ADAPTER
SANITARY SEWER FORCE MAIN	— — — 6"SSFM — — — —	6"FM	FIRE HYDRANT ASSEMBLY	A	٨		DOUBLE BALL FLEXIBLE EXTENSION COUPLING
STORM DRAIN	8"SD		WATER METER	\blacksquare	8		
DRAIN	D	D	FIRE DEPARTMENT CONNECTION	-Q-	+		FLEXIBLE COUPLING W/ THRUST RING
CULVERT	>	▶ 18"SD →	WATER IRRIGATION VALVE	IR⊗	^{IR} ⊗	0+	90° BEND UP
ABANDONED PIPE	— — — 10"W (ABAND) — — —	+++++++++++++++++++++++++++++++++++++++	PULL BOX/JUNCTION BOX	-0-	-		
DEMOLISH/ REMOVE		************************	COM RISER	図		OI	90° BEND DOWN
DRAINAGE DITCH			UTILITY POLE	-0-	-		TEE UP
TOP OF SLOPE		TOP	GUY WIRE	<u> </u>	\leftarrow		
TOE OF SLOPE		TOE	LIGHT POST	¢	\$		TEE DOWN
CUT		C	STREET LIGHT			+0+	LATERAL UP
FILL		———— F	TRANSFORMER				
BARBWIRE FENCE	XXX	xx	ELECTRICAL METER	Μ			LATERAL DOWN
CHAIN LINK FENCE	-000	-000	ELECTRICAL CABINET			→→→	CONCENTRIC REDUCER
WOOD FENCE	-000	-000	GAS METER				
TEMPORARY SILT FENCE		<u> </u>	GAS VALVE	\otimes			ECCENTRIC REDUCER
GUARDRAIL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		MAILBOX	1		I	UNION
ROCK WALL	- 052003200320030000000000000000000000000		SIGN			· ·	
TREE/BUSH LINE			TREE DECIDUOUS	-CS	4B		BLIND FLANGE
WETLAND			TREE CONIFEROUS	HWY HAND	WWW A		CAP/ PLUG
CENTERLINE			TREE TO BE REMOVED		nin Min X		LONG SLEEVE
RIGHT-OF-WAY			SURFACE ELEVATION	+ 176.63	+ 176.63		LONG SLEEVE
PROPERTY LINE			WETLAND FLAG				FLEXIBLE COUPLING
EASEMENT			BENCHMARK	•			
EDGE OF PAVEMENT/AC			IRON ROD	0		~	FITTING (45°)
PAVEMENT STRIPING			MONUMENT	A			- STRAINER
EDGE OF GRAVEL			BORE/ POTHOLE	۲			- SIGHT GLASS
CURB			TEST PIT			Ø	
SIDEWALK	J S/W	S/W	BOLLARD	0	•	文	PRESSURE GAUGE W/ COCK
STRUCTURE OR FACILITY						\$	PRESSURE SWITCH W/ COCK
CONTOUR MINOR						 А	TRESSORE SWITCH W/ CUCK
CONTOUR MAJOR	200	200				Μ	METER
						SP	SLIP-ON JOINT PIPE
						•=•	

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Consultan

Sub Consultant:



CONDITIONAL USE PERMIT APPLICATION



Project Title:

Engineer's Seal.

RESTRAINED JOINT PIPE

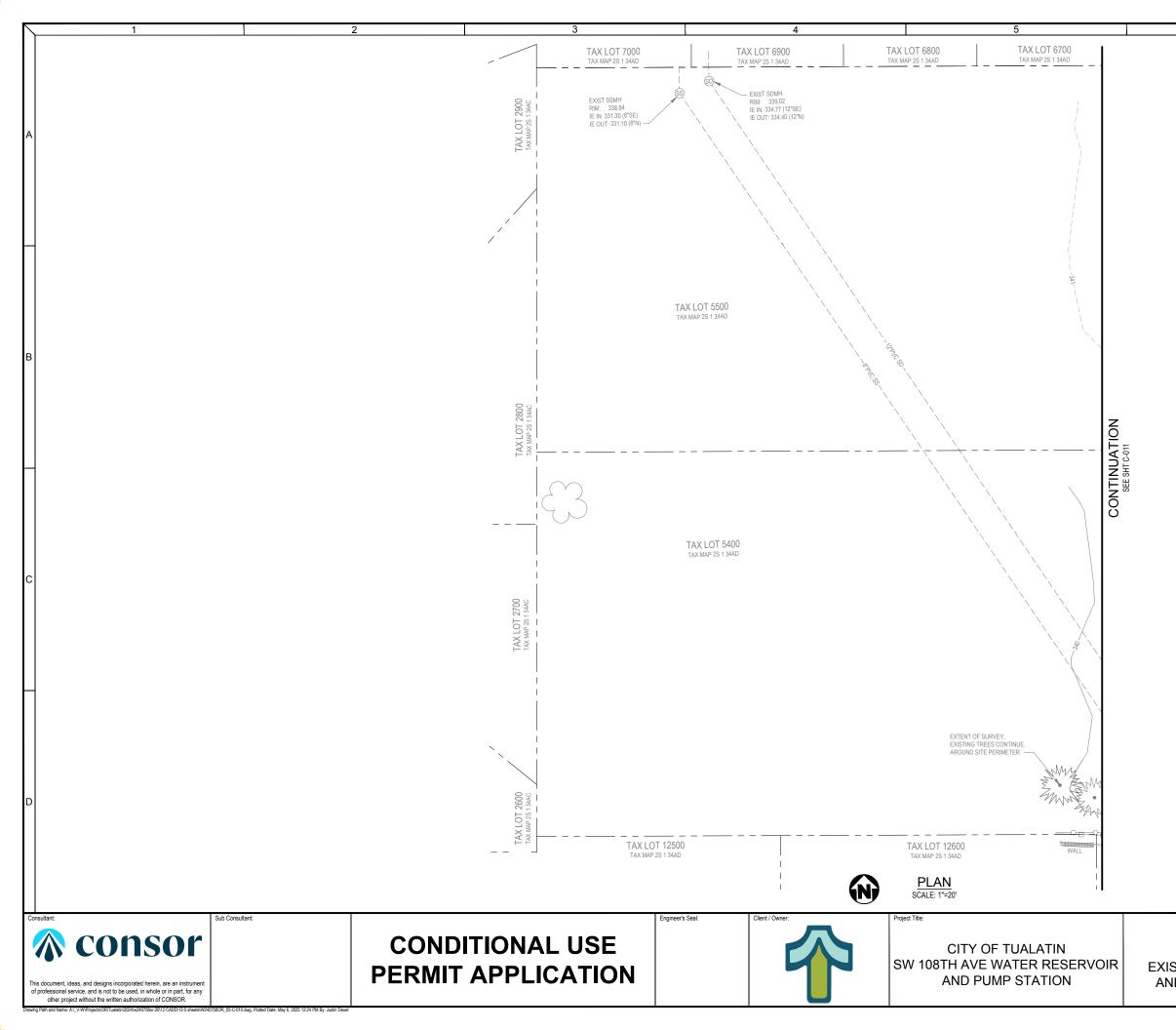
SCHEMATIC

SCILIMATIC	
 	BUTTERFLY VALVE
-	GATE VALVE
	GLOBE VALVE
	BALL VALVE
¢	BALANCING VALVE
	PLUG VALVE (TOP)
	PLUG VALVE (SIDE)
	3-WAY PLUG VALVE
	CHECK VALVE
N	SWING CHECK VALVE
	DOUBLE CHECK ASSEMBLY
— R ——	BALL SWING CHECK
— R ——	SILENT CHECK VALVE
——————————————————————————————————————	PRESSURE REDUCING VALVE
×	ALTITUDE CONTROL VALVE
——X ^四 ——————————————————————————————————	SOLENOID VALVE
	RELIEF VALVE
i⊽i	NEEDLE VALVE
*	HOSE VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER W/ GATE VALVES
\sim	HOSE BIBB

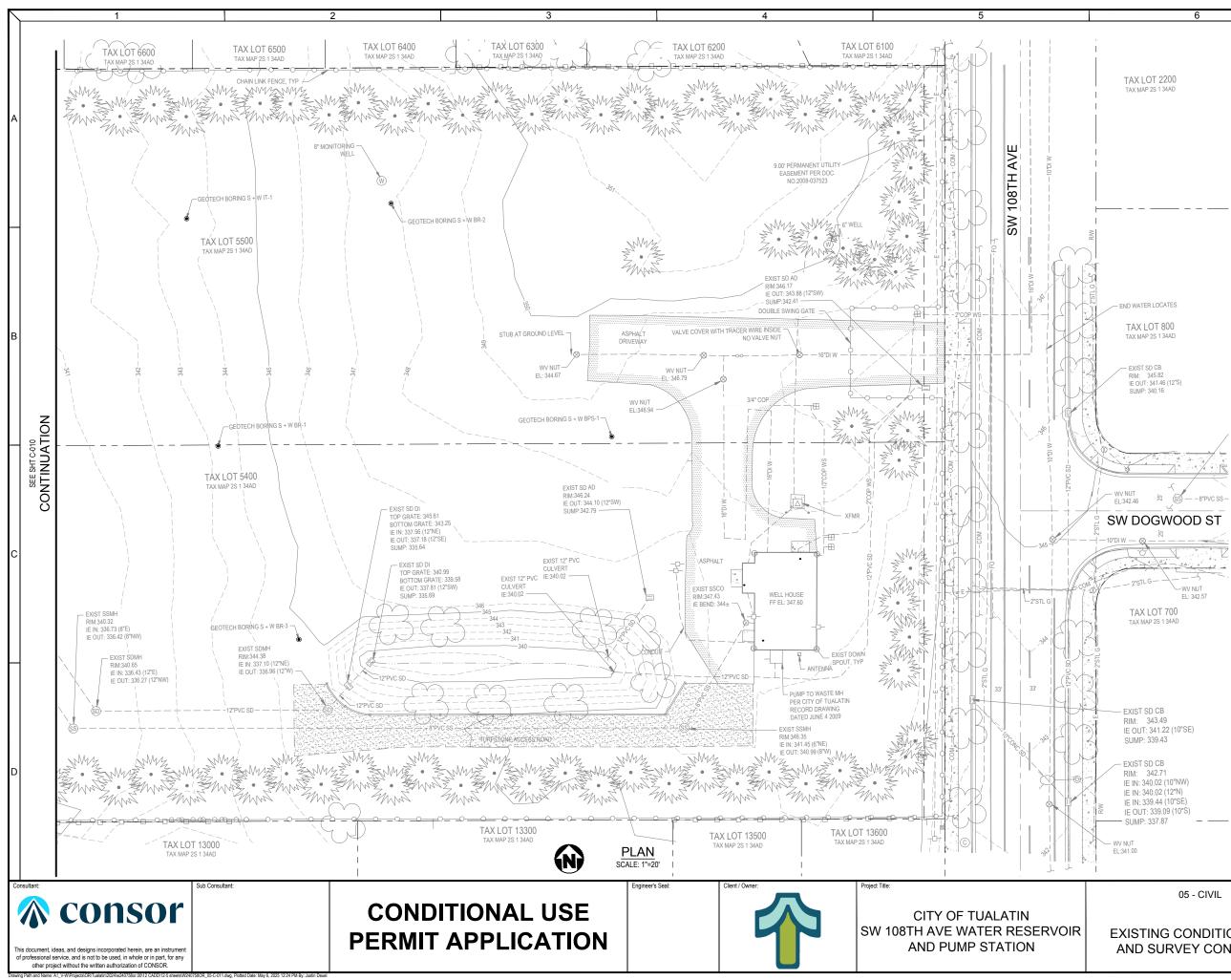
GENERAL NOTE:

1. THIS IS A STANDARD CIVIL LEGEND, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

01 - GENERAL	Designed By:	Consor Project No.: W240758OR
01 - GENERAL	TMS	Issued On: APRIL 2025
	Drawn By: MBE	Sheet:
CIVIL SYMBOLS AND LEGENDS	Checked By: ANB	01-C-001
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE



05 - CIVIL	Designed By:	Consor Project No.: W240758OR		
	TMS	Issued On: APRIL 2025		
	Drawn By: MBE	Sheet:		
STING CONDITIONS PLAN	Checked By: ANB	05-C-010		
ND SURVEY CONTROL - 1	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE		



NOTES:

- 1. SURVEY WAS PERFORMED BY AKS ENGINEERING & FORESTRY IN AUGUST 2024.
- 2. BASIS OF BEARINGS / HORIZONTAL DATUM: COORDINATES ARE BASED ON A LOCAL DATUM PLANE DERIVED FROM STATE PLANE OREGON NORTH 3601, INTERNATIONAL FOOT, NAD83(2011).
- 3. VERTICAL DATUM: ELEVATIONS ARE BASED ON WASHINGTON COUNTY BENCHMARK NUMBER 967, LOCATED IN THE CURB ON THE WEST SIDE OF BOONES FERRY ROAD, SOUTH OF SW NORWOOD ROAD. ELEVATION - 337.52 FEET, NAVD88.

SURVEY CONTROL POINTS					
POINT NO	NORTHING	EASTING	ELEVATION		

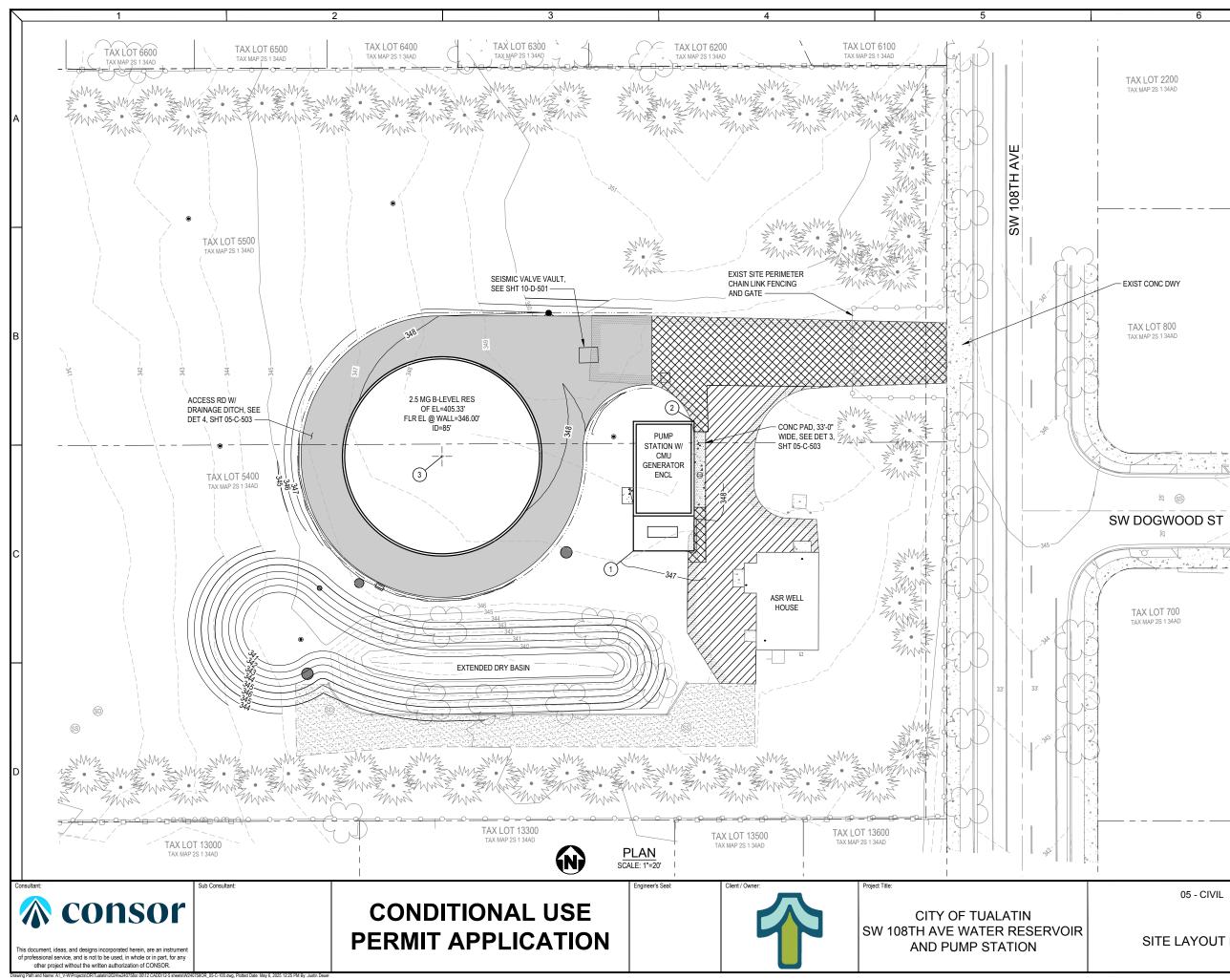
IST SD CB		
M: 342.71		
IN: 340.02 (10"NW)		
IN: 340.02 (12"N)		
IN: 339.44 (10"SE)		
OUT: 339.09 (10"S)		
JMP: 337.87	—	_

IN: 340.02 (10"NV
IN: 340.02 (12"N)
IN: 339.44 (10"SE
OUT: 339.09 (10"
JMP: 337.87

N: 340.02 (10"NW)		
N: 340.02 (12"N)		
N: 339.44 (10"SE)		
OUT: 339.09 (10"S)		
MP: 337.87	—	-

: 339.09 (10"S) 337.87	_	

CIVIL	Designed By:	Consor Project No.: W240758OR		
CIVIL	TMS	Issued On: APRIL 2025		
	Drawn By: MBE	Sheet:		
NDITIONS PLAN Y CONTROL - 2	Checked By: ANB	05-C-011		
I CONTROL - 2	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE		



SITE LAYOUT TABLE

PT NO.	DESCRIPTION	NORTHING	EASTING
1	SW CORNER OF PUMP STATION BLDG	N624109.06	E7613976.28
2	NE CORNER OF PUMP STATION BLDG	N624164.79	E7614004.35
3	CENTER OF RESERVOIR	N624152.59	E7613894.02

LEGEND:

AC PAVEMENT RESTORATION, SEE DET 5 ON SHT 05-C-503



AC PAVEMENT RESURFACING, SEE DET 6 ON SHT 05-C-503

NEW AC PAVEMENT

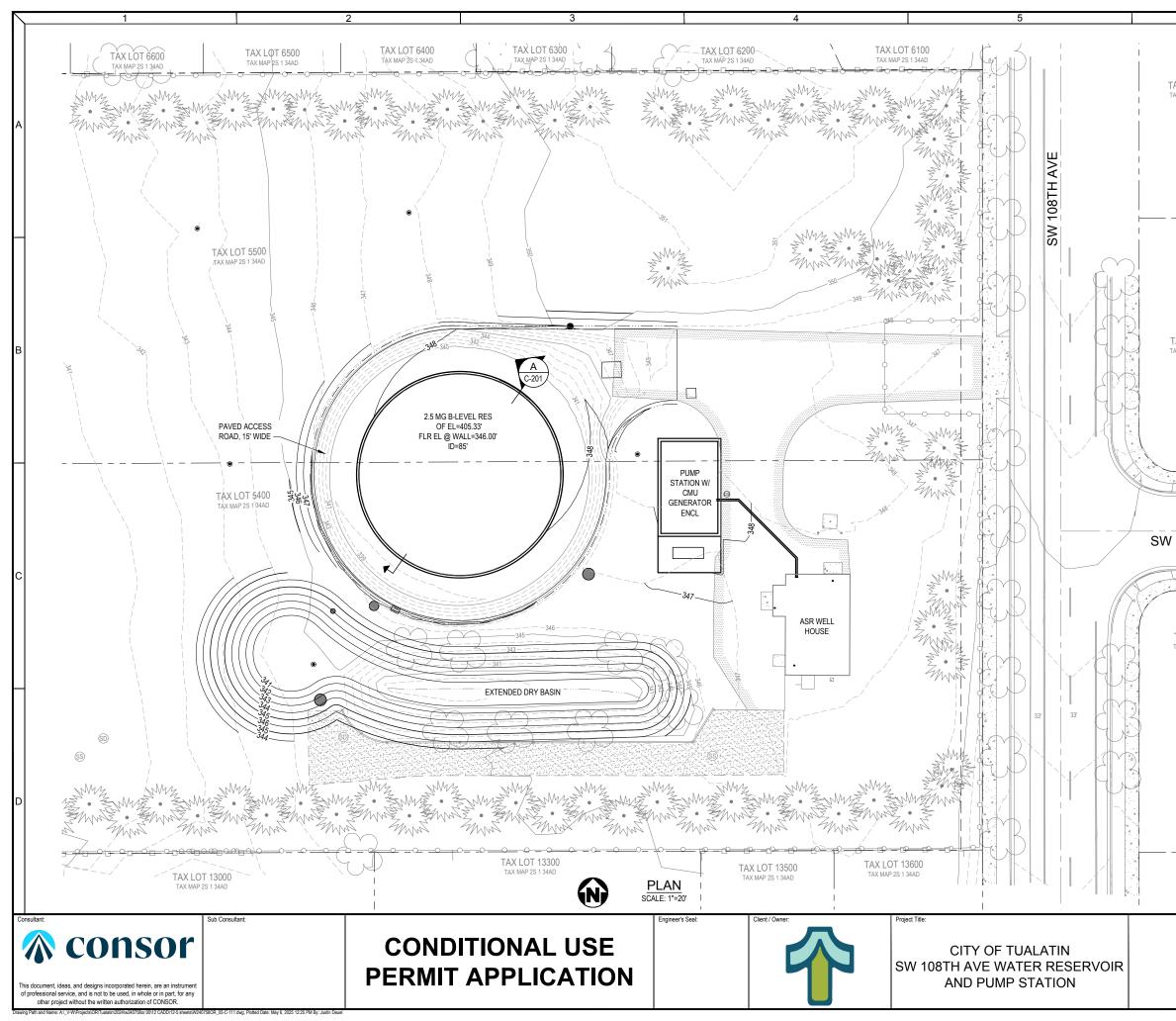
EXIST AC PAVEMENT

EXIST PERMEABLE PAVERS



æ.,		20	832
- 51	22	1.415	2 C

05 - CIVIL	Designed By:	Consor Project No.: W240758OR
03 - CIVIL	TMS	Issued On: APRIL 2025
SITE LAYOUT PLAN	Drawn By: MBE	Sheet:
	Checked By: ANB	05-C-100
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE



TAX LOT 2200 TAX MAP 2S 1 34AD

GRADING POINT TABLE

PT NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	<to follow=""></to>	N624214.29	E7613987.36	348.99

EDGE OF PAVEMENT CURVE TABLE

PT NO.	PC	PT	DELTA	RADIUS	LENGTH
	N624213.48 E7613885.33	N624153.13 E7613955.51	262°22'35"	61.50'	281.63'

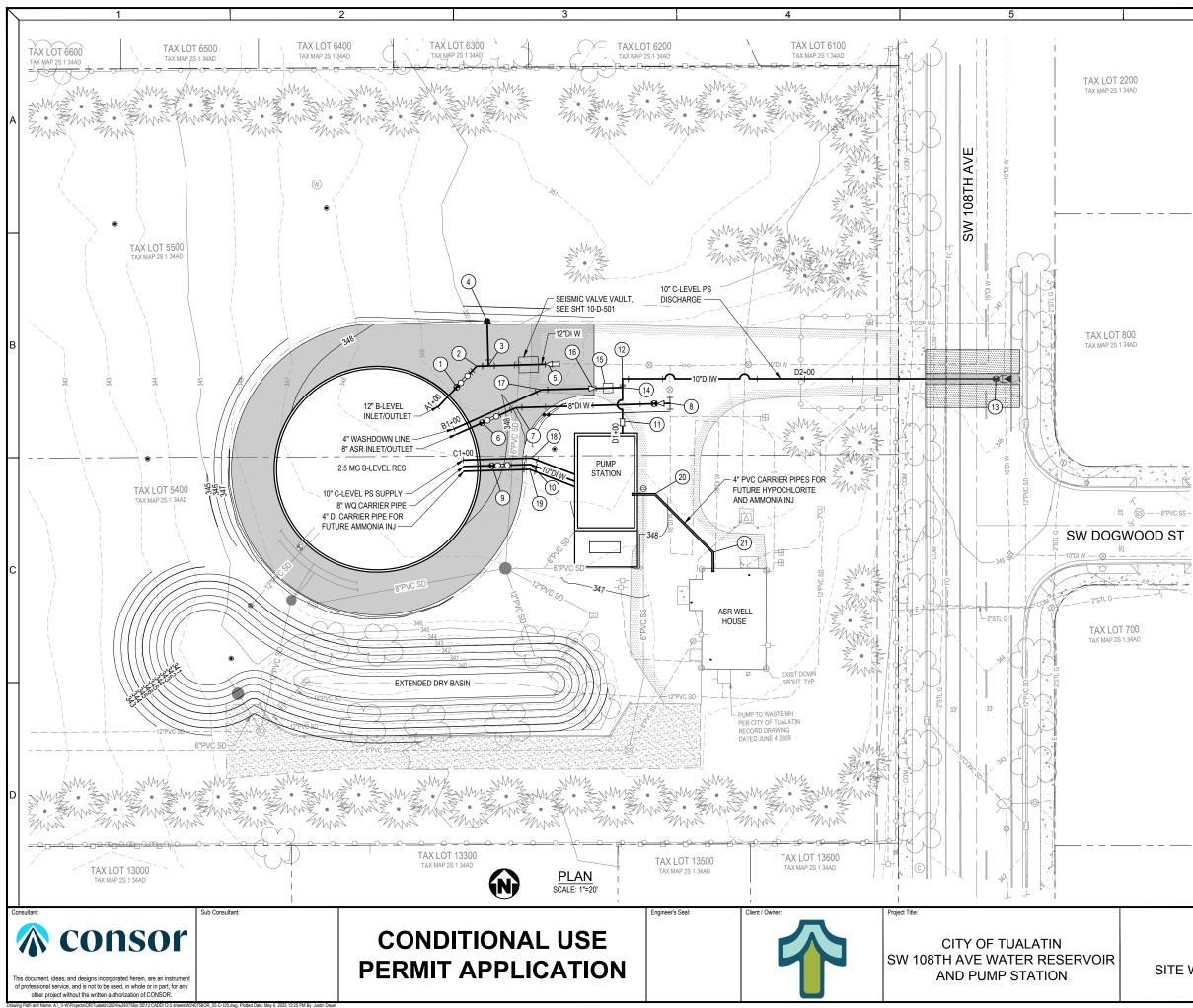
TAX LOT 800 TAX MAP 2S 1 34AD

52 S3

SW DOGWOOD ST

TAX LOT 700 TAX MAP 2S 1 34AD

05 - CIVIL	Designed By: TMS	Consor Project No.: W240758OR
		Issued On: APRIL 2025
SITE GRADING PLAN	Drawn By: MBE	Sheet:
	Checked By: ANB	05-C-111
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE





- 1. 1. SEE SHEET 05-C-302 FOR SITE WATER PIPING PROFILES.
- CONTRACTOR SHALL POTHOLE AND VERIFY LOCATIONS, SIZES AND DEPTHS OF EXISTING UTILITIES. NOTIFY ENGINEER OR POTENTIAL CONFLICTS 72 HOURS IN ADVANCE OF WATER MAIN INSTALLATION TO ALLOW FOR CHANGES IN ALIGNMENT OR GRADE.
- 3. LOCATION OF EXISTING UTILITIES ARE BASED ON INFORMATION SUPPLIED BY OTHERS AND ARE CONSIDERED APPROXIMATE.
- 4. ALL PIPE SHALL BE DUCTILE IRON CLASS 52. ALL JOINTS ON PIPE, FITTINGS AND VALVES SHOWN SHALL BE RESTRAINED JOINT, UNLESS OTHERWISE NOTED.
- 5. INSTALL WATER FACILITIES PER TYPICAL TRENCH SECTION, SEE DETAIL X, SHEET XX-X-XXX.
- 6. WHERE HORIZONTAL AND VERTICAL BENDS ARE NOT SPECIFIED, CONTRACTOR SHALL DEFLECT PIPE TO ACHIEVE HORIZONTAL AND VERTICAL ALIGNMENTS AS SHOWN. DEFLECTION SHALL NOT EXCEED ONE-HALF OF THE MAXIMUM INSTALLED DEFLECTION RECOMMENDED BY THE PIPE MANUFACTURER.
- FINAL LOCATIONS FOR FIRE HYDRANTS, BLOW OFFS, AND AIR RELEASE VALVES TO BE COORDINATED IN FIELD WITH AND DETERMINED BY THE OWNER. CONTRACTOR TO PROVIDE OWNER WITH ADJUSTMENTS MADE IN FIELD AND AS BUILTS.
- PLACEHOLDER NOTE. LOW PRESSURE HYDRANT IS INTENDED TO BE USED FOR EMERGENCY DISTRIBUTION. HYDRANT WILL NOT PROVIDE ADEQUATE PRESSURE FOR FIRE FLOWS.

WATER PIPING SCHEDULE

ALIGN A: 12" B-LEVEL INLET/OUTLET (1) STA A1+11 N624186.39, E7613928.63 FURNISH & INSTALL: (9)

- 1-12" BFV, FLG 1-12" FLEX EXP JT, FLGXMJ (2) STA A1+23 N624194.98, E7613937.22 FURNISH & INSTALL:
- 1-12" 45° HORIZ BEND, MJ 3 STA A1+28 N624194.98, E7613942.22 FURNISH & INSTALL: 1-12"x6" TEE, FLGXMJ

1-6" GV. FLGxMJ

- 4 STA A1+28 N624213.83, E7613942.22 FURNISH & INSTALL: 1-FH ASSY, LOW PRESSURE HYDRANT, PAINTED BLUE, SEE NOTE 8
- 5 STA A1+58 N624194.98, E7613972.22 CONN TO EXIST 16" DI W FURNISH & INSTALL: 1-16"x12" RDCC, MJ 1-16" LS, MJ

ALIGN B: 8" ASR INLET/OUTLET

- STA B1+11 N624170.98, E7613938.93 FURNISH & INSTALL:
 1-8" GV, FLG
 1-8" FLEX EXP JT, FLGxMJ
- TA B1+26 N624176.96, E7613953.36 FURNISH & INSTALL: 1-8" 22.5° HORIZ BEND, MJ

(8) STA B1+91 N624176.96, E7614018.42 CONN TO EXIST 16" DI W FURNISH & INSTALL: 1-8" GV, MJ 1-16"X8" RDCR, MJ 1-16" TEE, MJ 1-6" BO ASSY 9 STA C1+10 N624152.81, E7613942.54 FURNISH & INSTALL: 1-10° GV, FLG 1-10° FLEX EXP JT, FLGxMJ

ALIGN C: 10" C-LEVEL PS SUPPLY

(10) STA C1+28 N624152.81, E7613962.58 FURNISH & INSTALL: 1-10" 22.5° HORIZ BEND, MJ

ALIGN D: 10" C-LEVEL PS DISCHARGE

- (1) STA D1+05 N624169.47, E7613998.13 FURNISH & INSTALL: 1-10" LS, MJ
- (12) STA D1+23 N624187.96, E7613998.64 FURNISH & INSTALL: 1-10" 90° DI HORIZ BEND, MJ
- (13) STA D2+81 N624183.56, E7614156.27 CONN TO EXIST 10° DI W FURNISH & INSTALL: 1-10° TAPPING SLV, FLG 1-10° TAPPING GV, FLGXMJ 1-TB

WASHDOWN LINE:

- (14) FURNISH & INSTALL: 1-10"x2" SERVICE SADDLE
- (15) FURNISH & INSTALL: WASHDOWN LINE WITH BFD, (20) N624139.01, E7614011.20 SEE DET 2, SHT 05-C-504 CURNISH & INSTALL:
- (16) N624184.26, E7613985.88 FURNISH & INSTALL: 1-4"x2" RDCR, MJ
- (17) N624184.26, E7613964.46 FURNISH & INSTALL: 1-4" 22.5° HORIZ BEND, MJ

(18) N624155.56, E7613959.43 FURNISH & INSTALL: 1-8" 22.5° HORIZ BEND, MJ

WQ SAMPLING & INJ SYS

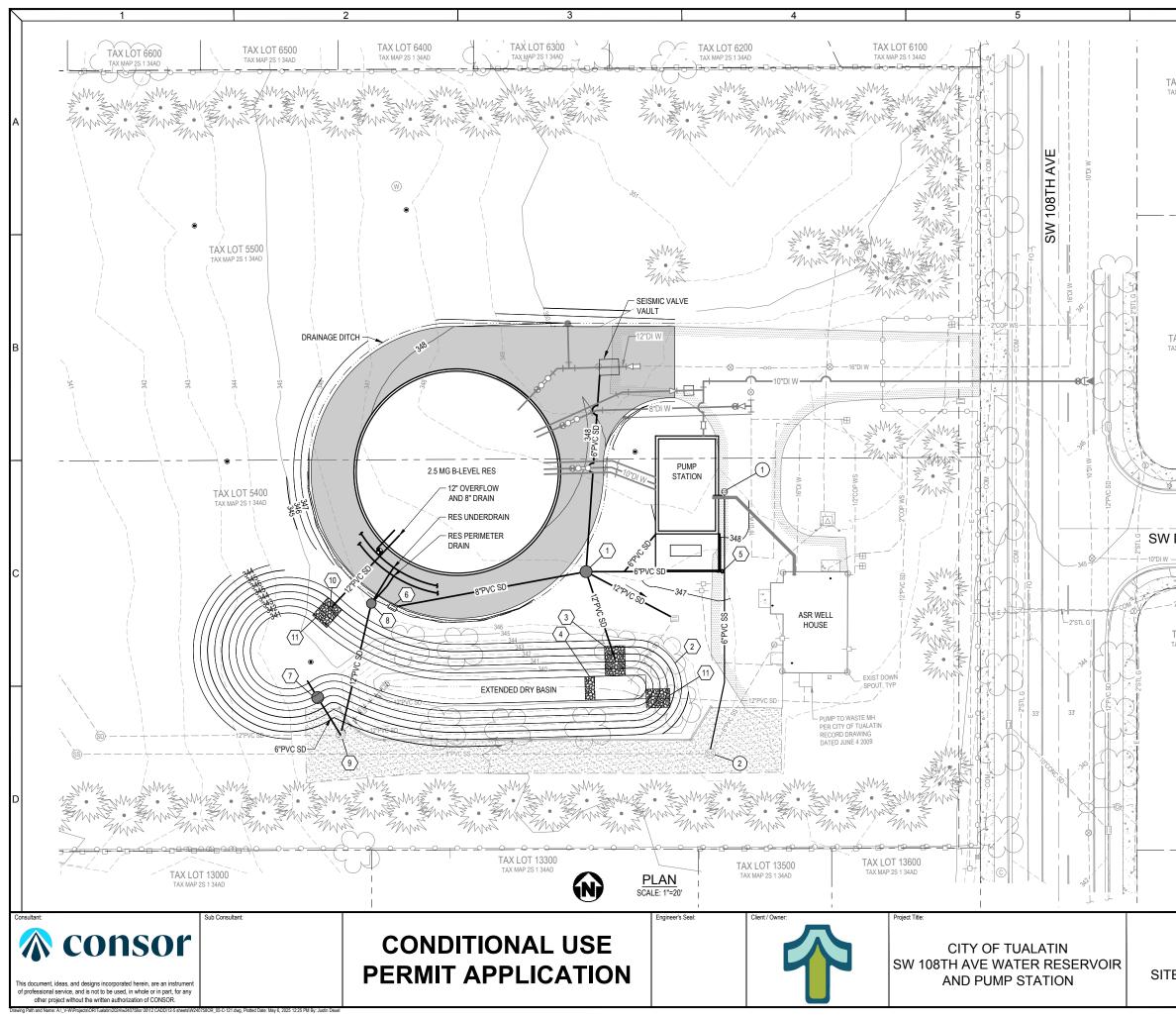
- (19) N624150.72, E7613958.46 FURNISH & INSTALL: 1-4" 22.5° HORIZ BEND, MJ
- 20) N624139.01, E7614011.20 FURNISH & INSTALL: 2-4" 45° LONG RADIUS SCHED 80 PVC HORIZ BEND, MJ
- (21) N624113.68, E7614035.15 FURNISH & INSTALL: 2-4" 45° LONG RADIUS SCHED 80 PVC HORIZ BEND, MJ

LEGEND:

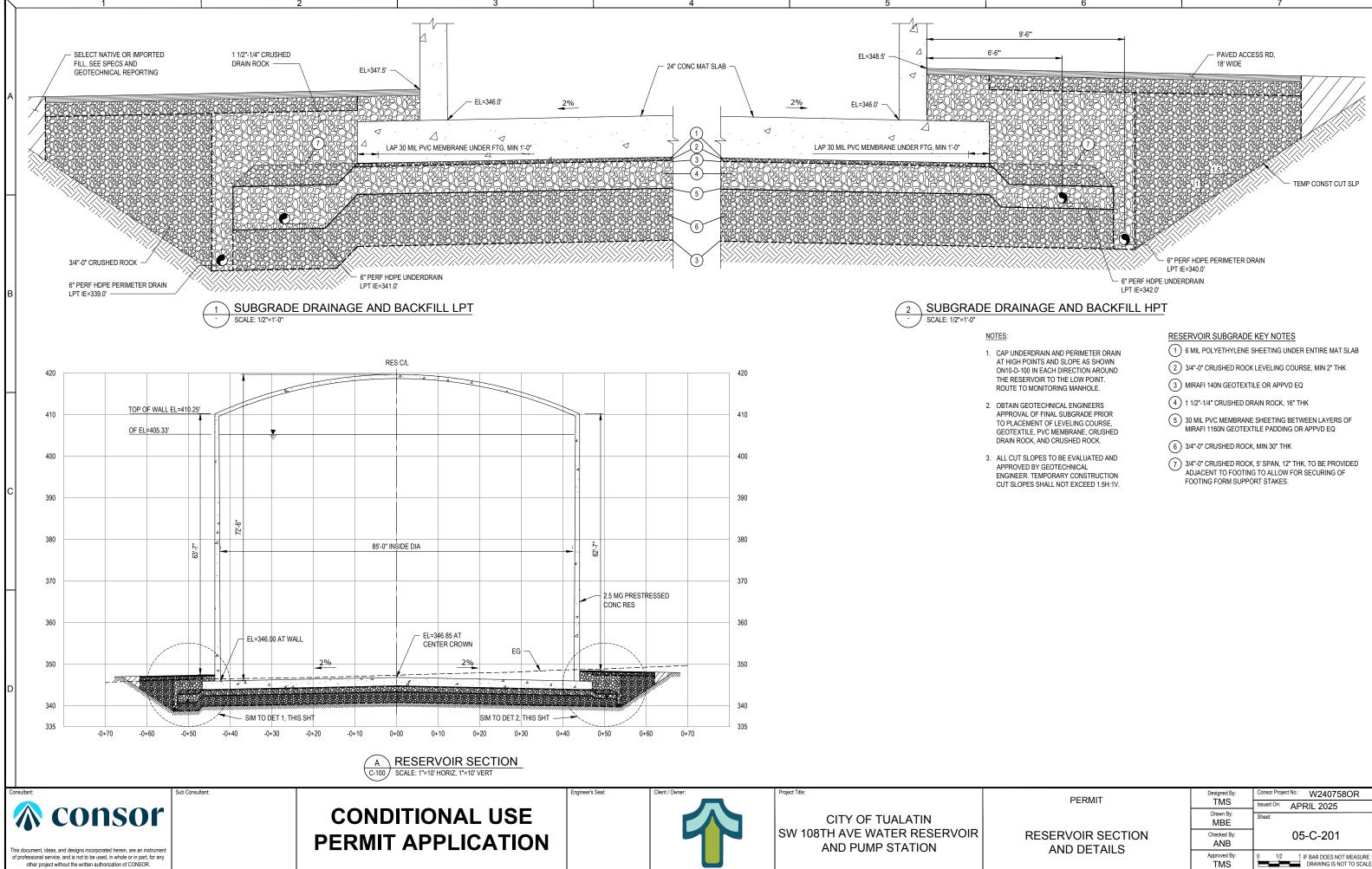
FULL DEPTH AC TRENCH PATCH WITH 6" T-CUT

GRIND & INLAY 2" DEPTH

05 - CIVIL	Designed By:	Consor Project No.: W240758OR
05 - CIVIL	TMS	Issued On: APRIL 2025
TE WATER PIPING PLAN	Drawn By: MBE	Sheet:
	Checked By: ANB	05-C-120
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE



6			7
	NOTEO		
	<u>NOTES</u> : 1 SEE SHEE	T 05-C-303 FOR SITE I	DRAINAGE PIPING PROFILES.
TAX LOT 2200 Tax map 2s 1 34AD	2. CONTRAC AND DEPT POTENTIA	TOR SHALL POTHOLE HS OF EXISTING UTIL _ CONFLICTS 72 HOU	AND VERIFY LOCATIONS, SIZES, ITIES. NOTIFY ENGINEER OF RS IN ADVANCE OF DRAINAGE DW FOR CHANGES IN DESIGN.
			ES ARE BASED ON INFORMATION CONSIDERED APPROXIMATE.
		RAINAGE PIPING PER SHEET XX-X-XXX.	TYPICAL TRENCH SECTION, SEE
		I/STORMWATER P	IPING SCHEDULE
	FURNIS 1-60" W SEE CV RIM=XX 8" IE IN 6" IE IN 6" IE IN 12" IE C	VS STD DWG 250	DMH-1) W/ TYPE A SNOUT,
	2 EXTEN	DED STORMWATER D	RY BASIN, SEE DET X, SHT X
TAX LOT 800 Tax map 2s 1 34ad	6" PVC 12" PVC ODOT (-THICK -WIDTH -LENGT		X' TFALL W/
	4' WIDE	RIPRAP CHECK DAM	I
		SH & INSTALL: NSPOUT STORM CO,	SEE CITY OF TUALATIN STD DWG 100
	FURNIS 1-DITCI TOP GI BOTTM	6.55, E7613865.23 SH & INSTALL: H INLET, SEE CWS ST RATE=X' GRATE=X' JT (NE)=XXX'	D DWG 390
	FURNIS 1-OUTF RIM=X) 6" IE IN		ICTURE, SEE DET XXX, SHT XXX
-2'STL G	FURNIS 1-48" R SEE CI RIM=XX 6" IE IN 6" IE IN 6" IE IN	(N)=XXX' (NE)=XXX'	
TAX MAP 2S 1 34AD	\frown	DUT (S)=XXX' 3.49. E7613841.83	
	CONN - 12" IE II	IO EXIST SDMH N (N)=XXX' (NW)=XXX'	
		6.66, E7613838.95 VOIR OVERFLOW STF	RUCTURE, SEE DET XXX, SHT XXX
	(11) ODOT (-THICK -WIDTH -LENG	CLASS XX RIPRAP OU NESS: X' I: X'	TFALL W/
	(1) N62414 FURNIS 1-6" SS	ARY SEWER PIPIN 1.27, E7614006.20 6H & INSTALL: CO E OUT=343.6'	<u>IG</u>
	SEE CI	TY OF TUALATIN STD 1.25, E7613997.15	DWG NO. 100
	CONN	TO EXIST SS MH E IN=342.5'	
05 - CIVIL		Designed By: TMS	Consor Project No.: W240758OR
		Drawn By:	Issued On: APRIL 2025 Sheet:
TE DRAINAGE PIPING F	PLAN	MBE Checked By: ANB	05-C-121
		Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE
		11110	



PERMIT	Designed By:	Consor Project No.: W240758OR
	TMS	Issued On: APRIL 2025
RESERVOIR SECTION AND DETAILS	Drawn By: MBE	Sheet:
	Checked By: ANB	05-C-201
	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE

-		
	Section I - Governing Codes	
t	-	
- H	2019 OFC, OESC, OPSC, OSSC 2019 OMSC, OEESC (ASHRAE 90.1-2019)	
ł		
ł	Section II - Building "Construction" Data	
		1
- H	Type of Construction	Type VB - CMU, Metal & Wood
- H	Maximum Building Height Maximum Allowable Height	15 feet 10 inches
ŀ	Number of Stories	35 feet 1 story
- H	Allowable Number of Stories	2 story
f	Basement	No
	Total Floor Area Provided	Pump Station=598 square f
+		Pump Room = 467 square f
╞	Minimum Required Property Setbacks*	Electrical Room = 131 square f
- H	Front (West)	15 feet
- H	Side (North)	5 feet
H	Back (East)	15 feet
- H	Side (South)	5 feet
ľ	*Washington County	
	Section III - Building "Occupancy" Data	
H	Building Occupancy Classification Group(s)	U
H	Occupancy Classification Group by Floor	U
	Occupancy Classification Group by Room	U
ŀ	Well Room	U
ŀ	Electrical Room	U
l	Accessory or Incidental Use Areas	N/A
E		
H	Total Occupant Load by Floor	1
ļ	Total Occupant Load for Each Room	1
ļ		
	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group	1
	Total Occupant Load for Each Room	1
	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable"	1 N/A
	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable"	1 N/A Pump Station = 598 square feet
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	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered
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	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements Separation of Occupancies Section VI - Building "Exiting" Maximum Floor Area Allowance Per Occupant	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered 0 hours (U, Non-Sprinklered) 0 hours (U, Non-Sprinklered)
	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements Separation of Occupancies Section VI - Building "Exiting" Maximum Floor Area Allowance Per Occupant Exits Required in Each Room or Area	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered 0 hours (U, Non-Sprinklered) 0 hours (U, Non-Sprinklered) N/A - Not Customarily Occupied 1
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	Total Occupant Load for Each Room Total Occupant Load for Each Room Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements Separation of Occupancies Section VI - Building "Exiting" Maximum Floor Area Allowance Per Occupant Exits Required in Each Room or Area Exits Provided in Each Room or Area Exits Provided in Each Room or Area Exits Provided per Floor Exits Provided per Floor Exits Width Required per Exit Minimum Corridor Exit Width Required	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered 0 hours (U, Non-Sprinklered) 1 N/A - Not Customarily Occupied 1 1 1 1 1 1 2 inches 30 inches
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	Total Occupant Load for Each Room Total Occupant Load for Each Room Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements Separation of Occupancies Section VI - Building "Exiting" Maximum Floor Area Allowance Per Occupant Exits Required in Each Room or Area Exits Provided in Each Room or Area Exits Provided per Floor Exit Width Required per Exit Minimum Corridor Exit Width Required Emergency Exit Illumination Exit Sign Layout Plan Section VII - Building "Fire Detection and Suppression" Smoke Detection/Fire Alarm System Req'd Smoke Detection/Fire Alarm System Provided	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered 0 hours (U, Non-Sprinklered) 1 N/A - Not Customarily Occupied 1 1 1 1 1 1 22 inches 30 inches See Sheets PS-E-3 See Sheets PS-E-3 No No No
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	Total Occupant Load for Each Room Total Occupant Load for Each Occupancy Group Section IV - Building Area Data "Actual" and "Allowable" Section IV - Building Area Data "Actual" and "Allowable" Allowable Base Area (OSSC Table 503) Building Frontage Section V - "Fire Resistive" Building Elements Separation of Occupancies Section VI - Building "Exiting" Maximum Floor Area Allowance Per Occupant Exits Required in Each Room or Area Exits Provided in Each Room or Area Exits Provided in Each Room or Area Exits Provided per Floor Exits Required per Floor Exits Width Required per Floor Exit Width Required per Exit Minimum Corridor Exit Width Required Emergency Exit Illumination Exit Sign Layout Plan Section VII - Building "Fire Detection and Suppression" Smoke Detection/Fire Alarm System Req'd Smoke Detection/Fire Alarm System Provided Type of System Areas Protected Sprinkler System Req'd	1 N/A Pump Station = 598 square feet 8,500 square feet (Type VB, Group U) See Sheet PS-A-2, Non-Sprinklered 0 hours (U, Non-Sprinklered) N/A - Not Customarily Occupied 1 1 1 1 1 1 1 1 1 1 N/A - Not Customarily Occupied 1 N/A - Not Customarily Occupied 1 N/A - Not Customarily Occupied No

Section VIII - Occupancy Ventilation Require	ments
Not required for pump room or electrical room	
Section IX - Energy Code Requirements	
Section IX Energy code Requirements	
Building is enclosed space, U occupancies.	
Building Unit Insulation Values (Prescriptive Building	ng Envelope Compliance Path: ASHRAE 90.1-2019)
Skylights	U-0.50 (Max)
Doors: Swinging, opaque	U-0.37 (Max)
Roof: Attic and other	R-49 Batt (Min)
Walls: Above ground-CMU	R-9.5ci (Min)
Floors: Mass (exposed to exterior)	R-14.6ci (Min)
Slab-on-Grade Floors: Unheated slab	R-15 for 24 inches
Lighting Layout	See Sheet E-C6
Envelope Compliance Certified via COMcheck	
Section X - Hazardous Materials	
Hazardous Materials Present	No
Section XI - Accessibility	
Exterior Route of Travel - See Sheets PS-A-1	
Facility is for equipment access only and does not	require accessibility
Section XII - Plumbing Fixture Count Require	ments
Not Applicable - this remotely monitored station is	"not customarily occupied"
Section XIII - Underground and Pad mounted	i Transformers
See Sheets E-C1	
Section XIV - Special Inspection, Structural O	bservation
-Required Structural Inspection requirements are	indicated on PS-S-2 Sheet and Specifications
-Structural Observation requirements are indicate	ed on PS-S-2 Sheet and Specifications

-Deferred Submittals:

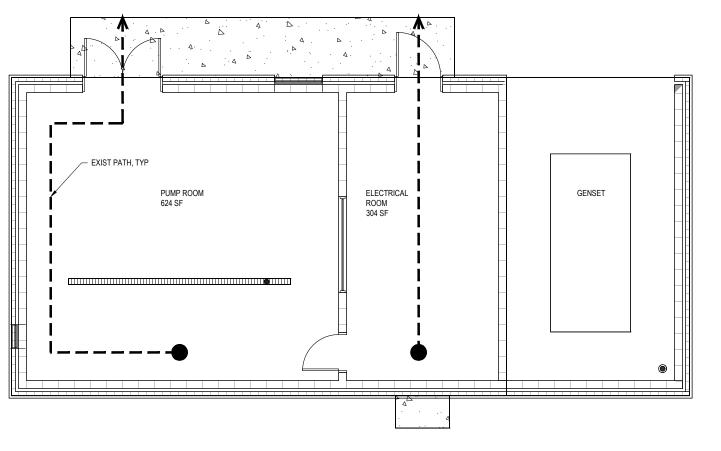
Section XV - Room Specific Requirements

Not Applicable -This remotely monitored station is "not customarily occupied"

REVISED MATERIAL FINISH SCHEDULE				
ITEM	FINISH	COLOR	REMARKS	
EXTERIOR WALLS	CMU FACTORY COLOR, COATING SYSTEM 306	NATURAL	SPLIT FACE CMU	
ROOFING	FACTORY FINISH	TBD	METAL STANDING SEAM ROOFING SYSTEM	
MISCELANEOUS METALS INTERIOR/EXTERIOR	COATING SYSTEM 101	PER SECTION SECTION 10 14 10 - INDENTIFYING DEVICES	PIPING	
WOOD, ARCHITECTURAL FEATURES	COATING SYSTEM 303	TBD	MATCH FACTORY LOUVER COLOR	
LOUVERS	FACTORY FINISH	TBD	FACTORY COATING (GREENHECK COLOR MATCH)	
DOORS 1, 2, 3, & 4	COATING SYSTEM 101	TBD	FACTORY PRIME, MATCH FACTORY LOUVER COLOR	
INTERIOR PUMP ROOM WALLS	UNFINISHED	NATURAL	CMU BLOCK, SMOOTH FACE & GYP BOARD	
INTERIOR ELECTRICAL ROOM WALLS	UNFINISHED	NATURAL	CMU BLOCK, SMOOTH FACE & GYP BOARD	
CONCRETE FLOORS	COATING SYSTEM 306	NATURAL	SEE SCHEDULE OF FINISHES IN SECTION 03 30 00 AND COATING SCHEDULE IN 09 90 00	

	DOOR SCHEDULE					
				FRA	ME	
NO.	DOOR SIZE	OPEN	HARDWARE	HEAD	JAMB	REMARKS
1	ACTIVE 3'-4"x7'-8" INACTIVE 3'-4"x7'-8" (6'-8"x8'-0" RO)	ACTIVE LEAF RHR	GROUP 2	4"	4"	EXTERIOR
2	3'-8"x7'-8" (4'x8' RO)	RHR	GROUP 1	4"	2"	EXTERIOR
3	3'-0"x7'-0" (3'-4"x7'-4" RO)	LHR	GROUP 3	4"	2"	INTERIOR, HALF GLASS DOOR LIGHT

	WINDOW SCHEDULE				
	SI	ZE			
NO.	LENGTH	WIDTH	ТҮРЕ	MATERIAL	
1	96"	24"	TYPE 1	4"	ELECTRICA





This document, ideas, and designs incorporated herein, are an instrument of professional service, and is not to be used, in whole or in part, for any other project without the written authorization of CONSOR.

CONDITIONAL USE PERMIT APPLICATION



Engineer's Sea

CITY OF TUALATIN SW 108TH AVE WATER RESERVOIR AND PUMP STATION

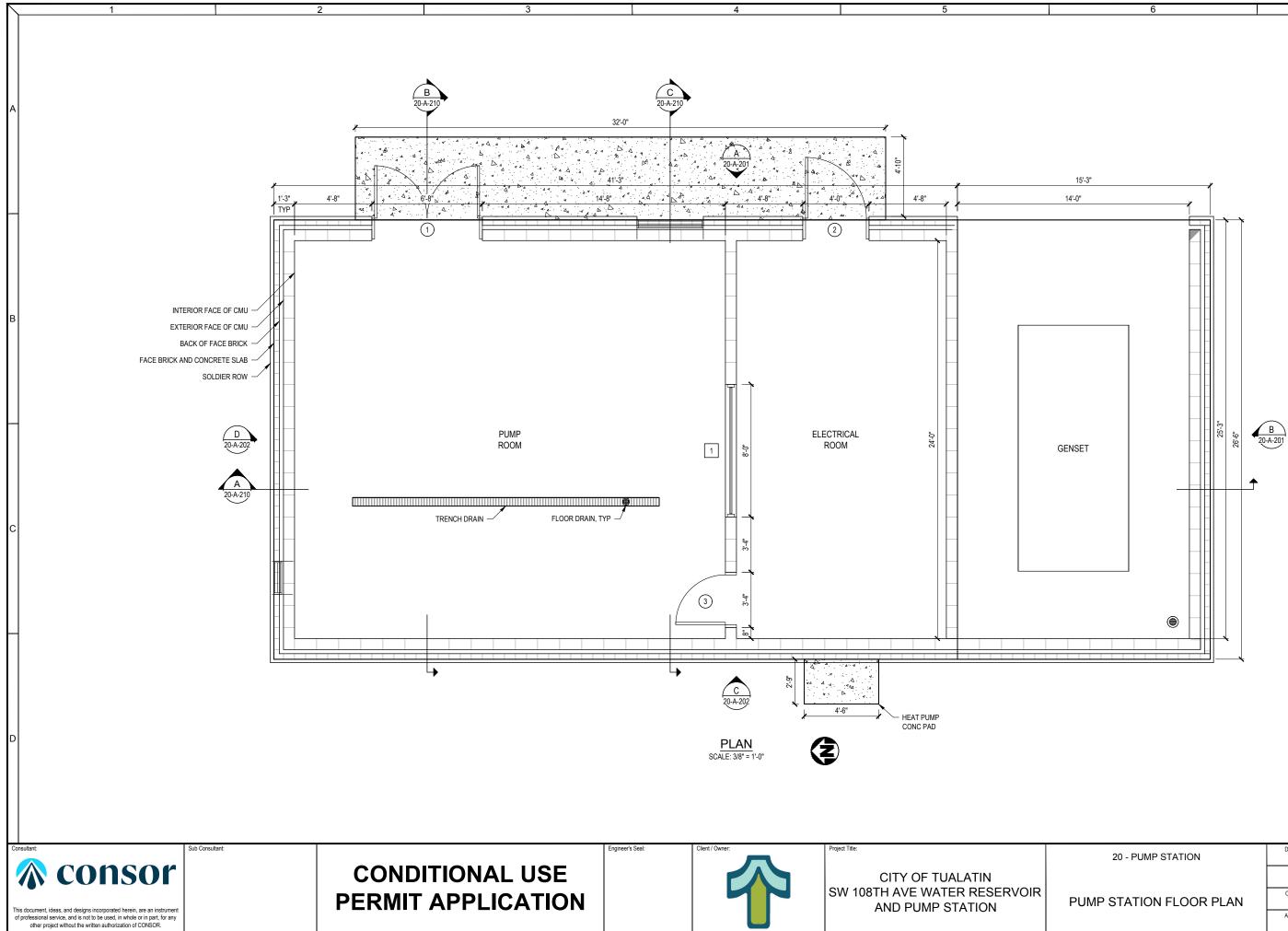
Project Title

COM

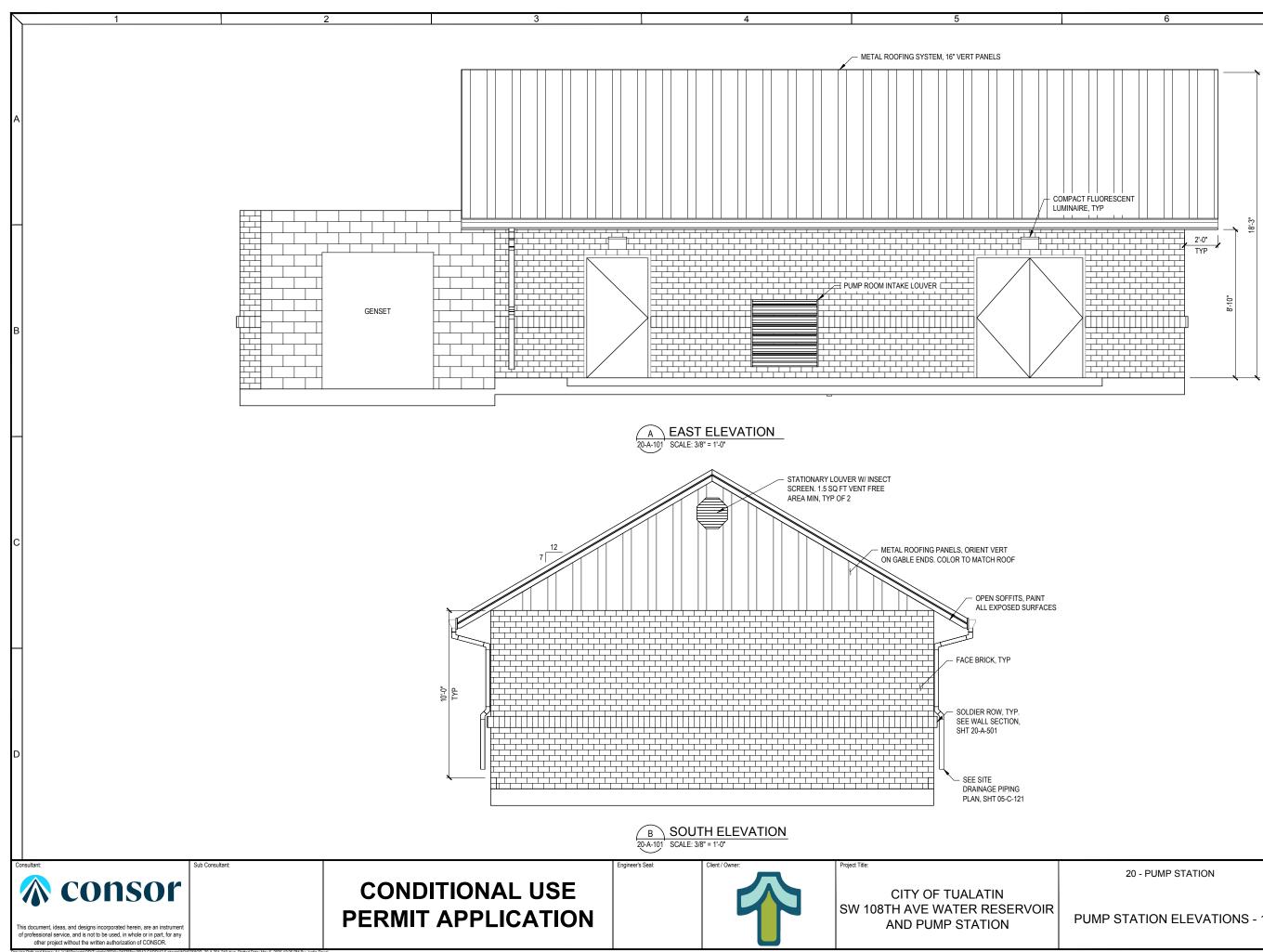


CODE PLAN SCALE: 1/4" = 1'-0"

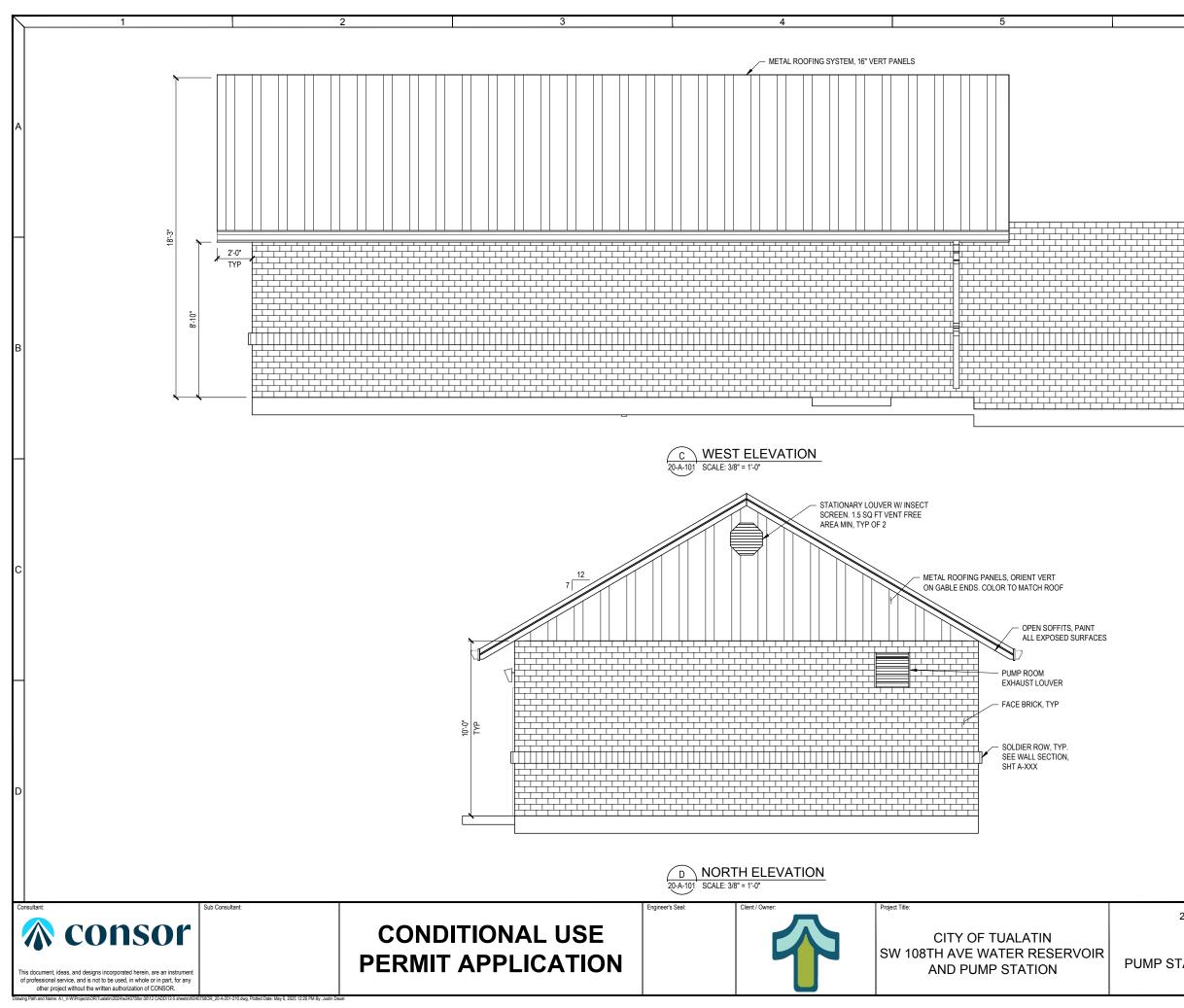
20 - PUMP STATION	Designed By: TMS	Consor Project No.: W240758OR
	11/13	Issued On: APRIL 2025
	Drawn By: MBE	Sheet:
PUMP STATION CODE	Checked By: ANB	20-A-001
IFLIANCE AND SCHEDULES	Approved By: TMS	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE

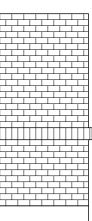


20 - PUMP STATION	Designed By:	Consor Project No.: W240758OR
20 - FOMF STATION	AMB	Issued On: APRIL 2025
	Drawn By: JLC	Sheet:
MP STATION FLOOR PLAN	Checked By: ANB	20-A-101
	Approved By: AMB	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE



20 - PUMP STATION	Designed By:	Consor Project No.: W240758OR
20 - PUMP STATION	AMB	Issued On: APRIL 2025
	Drawn By: JLC	Sheet:
IP STATION ELEVATIONS - 1	Checked By: ANB	20-A-201
	Approved By: AMB	0 1/2 1 IF BAR DOES NOT MEASURE 1* DRAWING IS NOT TO SCALE





20 - PUMP STATION	Designed By:	Consor Project No.: W240758OR
20 - FOMF STATION	AMB	Issued On: APRIL 2025
	Drawn By: JLC	Sheet:
P STATION ELEVATIONS - 2	Checked By: ANB	20-A-202
	Approved By: AMB	0 1/2 1 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE