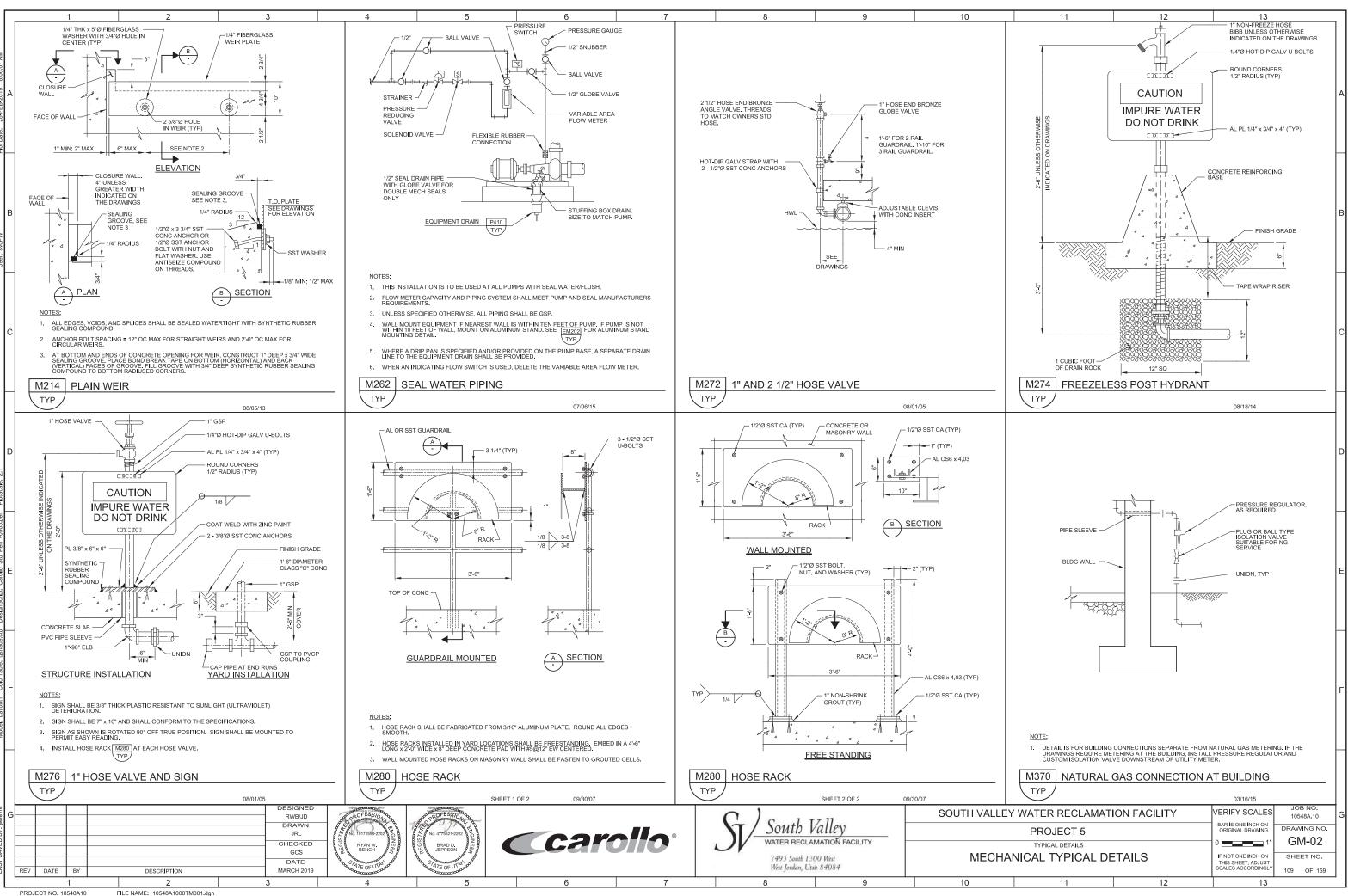
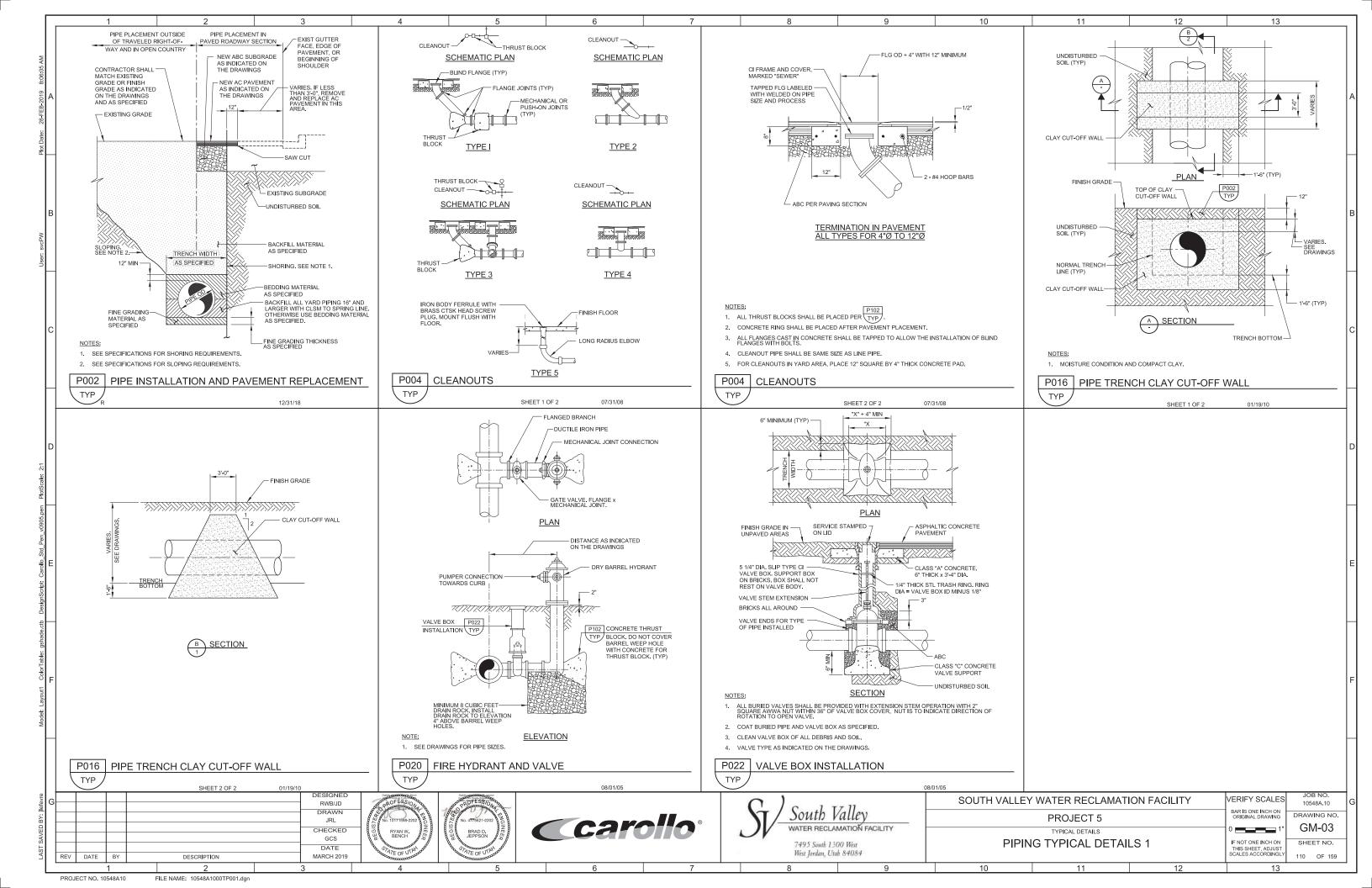
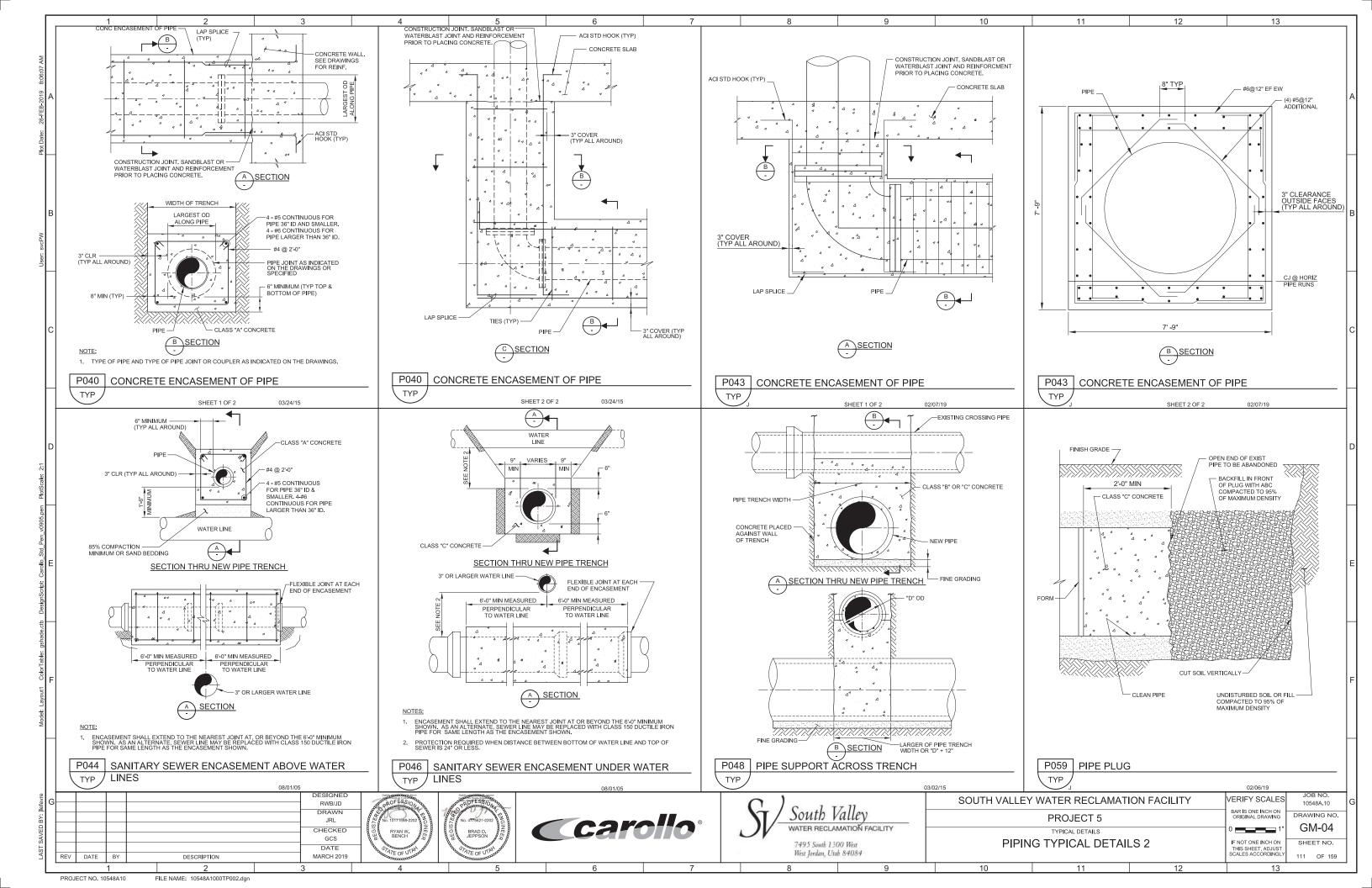
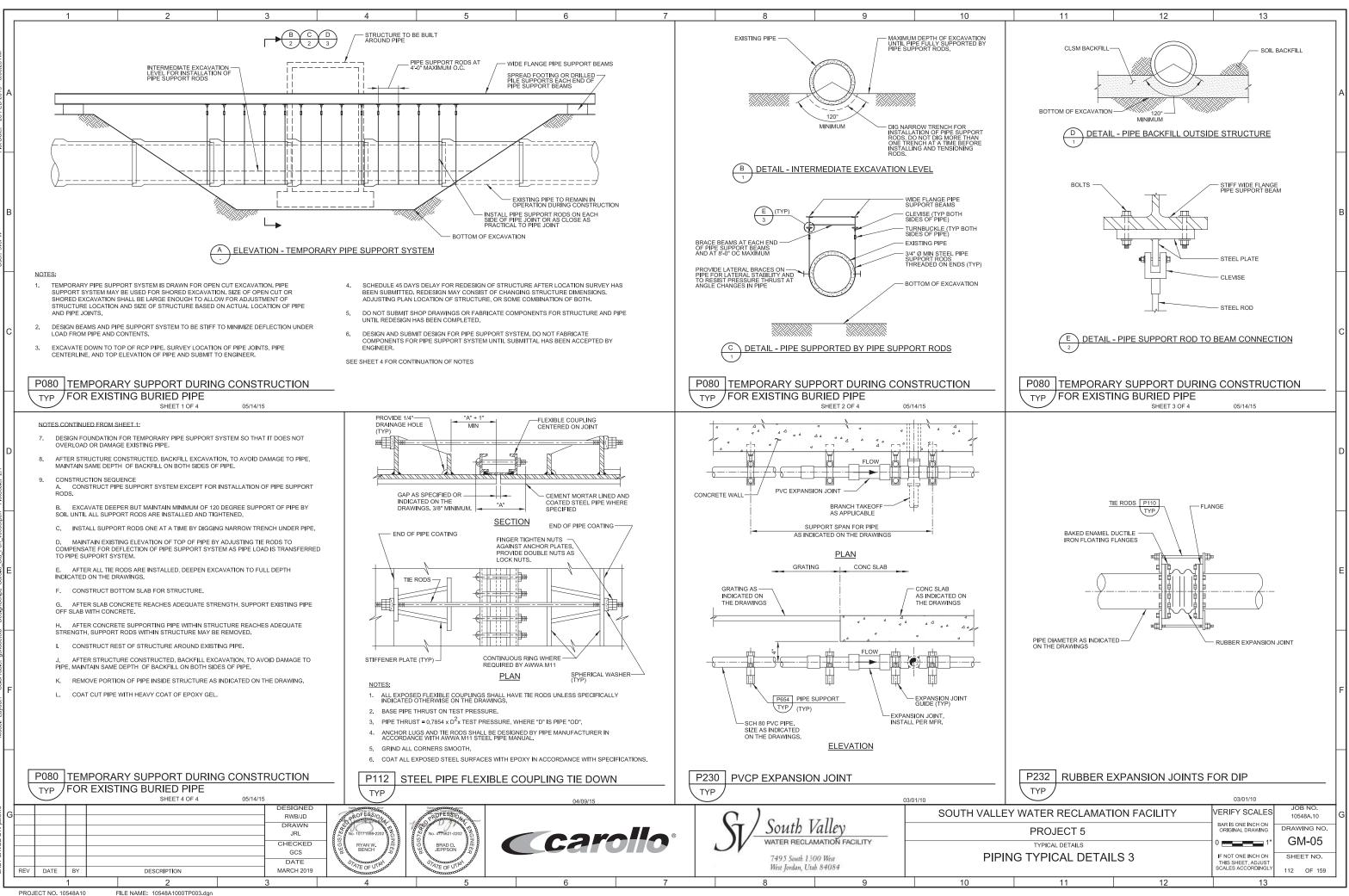
	1		2 PIPING S		4	5		6		8 NICAL SYMBOL	9 S	10	11 12 IDENTIFICATIO	
				TMBOLO							.0			
		SINGLE LINE	DESCRIPTION	DOUBLE LINE	SINGLE LINE	DESCRIPTION	SINGLE LINE	DESCRIPTION	SINGLE LINE	DESCRIPTION	SINGLE LINE	DESCRIPTION	CHEMICAL INJECTION POINT	CHEMICAL DWG NO.
			WELDED JOINT			GATE VALVE		AIR OR CHEMICAL DIFFUSER	\square	PRIMARY LEVEL ELEMENT: RADAR	$-\overline{\zeta}$	STRAINER: WYE TYPE WITH BLOWOFF	PIPE PIPE DESIGNATOR	SIZE FLOW STREAM
			GROOVED END JOINT	8	-к	KNIFE GATE VALVE		QUICK DISCONNECT HIGH PRESSURE AIR		PRIMARY LEVEL ELEMENT: ULTRASONIC		THERMOMETER	UNIQUE IDENTIFIER -	CONTINUATION FROM DWG NO.
			HUB & SPIGOT JOINT					OR FLUSHING		PRIMARY FLOW ELEMENT: FLUME	і —Ъ	VALVE: ANGLE	CONTINUATION TAG	
			(RUBBER GASKET) PUSH-ON JOINT		x	BUTTERFLY VALVE		BATCHMETER		FLUME PRIMARY FLOW ELEMENT:	ı را	VALVE: AIR RELIEF		
Π			(RESTRAINED) — ADAPTER SIDE			CHARACTERIZED BALL CONTROL VALVE		AIR VENT		X = C - CORIOLOS X = M - MAGNETIC	TY		EQUIPMENT / VALVE TAG	
			GROOVED END ADAPTER FLANGE		—Q—	BALL VALVE	\Box	BASKET STRAINER		X = P - PROPELLER X = PT - PITOT TUBE X = R - ROTAMETER		VALVE: BALL	LINE SYM	IBOLS
			FLANGED COUPLING ADAPTER					BLOWER		X = T - TURBINE X = TH - THERMAL		VALVE: BALL CHECK	PIPE ABOVE OR BELOW GROUND	
в			FLANGED COUPLING ADAPTER WITH THRUST TIES			GLOBE VALVE		CALIBRATION COLUMN		X = U - ULTRASONIC X = D - DENSITY			PIPE UNDERNEATH SLAB OR STRUCTURE	В
			FLEXIBLE COUPLING			3-WAY GLOBE TYPE MIXING VALVE		CALIBRATION COLONIN		PRIMARY FLOW ELEMENT: ORIFICE PLATE		- VALVE: CONE	FUTURE	
		(≣)	FLEXIBLE COUPLING WITH THRUST TIES		$-\overline{\frown}$			COMPRESSOR/TURBINE		PRIMARY FLOW ELEMENT:	$-\overline{n}$	VALVE: DIAPHRAGM	EXISTING	
		+@+	METAL BELLOWS EXP JOINT			DIAPHRAGM VALVE		COMPRESSOR: RECIPROCATING		VENTURI TUBE	$-\vec{K}$	VALVE: FLAPPER CHECK	DEMO	
			ELASTOMER BELLOWS EXP JOINT			PLUG VALVE		DIAPHRAGM SEAL		PRIMARY FLOW ELEMENT: WEIR		VALVE: FOUR WAY		
			FLEXIBLE COUPLING ADAPTER			LUBRICATED PLUG VALVE			L_J	PULSATION DAMPENER	Ť			
C			DISMANTLING JOINT			ECCENTRIC PLUG VALVE		DRAIN EJECTOR OR EDUCTOR	Ø	PUMP: CENTRIFUGAL		VALVE: GATE	PROCESS LINE	E SYMBOLS
		— <u> </u>	EXPANSION COMPENSATOR			SWING CHECK VALVE	T			PUMP: DIAPHRAGM	, ,	VALVE: GLOBE		
		⊙ 	ELBOW UP			WAFER CHECK VALVE	M	ELECTRIC MOTOR		PUMP: METERING	-Qba	VALVE: HOSE	PRIMARY PROCESS FLOW IN PIPE	
H		G1	ELBOW DOWN			PINCH VALVE		EQUIPMENT DRAIN			₹	VALVE: NEEDLE	SECONDARY PROCESS FLOW IN PIPE	
		<u>+0+</u>	TEE UP					FLEXIBLE VIBRATION JOINT		PUMP: PLUNGER	<u> </u>	VALVE: PINCH	PRIMARY PROCESS FLOW IN CHANNEL	
			TEE DOWN			BALL CHECK VALVE		FAN: EXHAUST/SUPPLY		PUMP: PERISTALTIC TUBE METER		- VALVE: PLUG CONCENTRIC	SECONDARY PROCESS FLOW IN CHANNEL	
D			LATERAL UP		$-\overline{K}$	DUAL CHECK VALVE		- FILTER	-	PUMP: PROGRESSIVE CAVITY	$-\!$	- VALVE: PLUG ECCENTRIC	FLOW STREAM	
			LATERAL DOWN		⊕	SILENT CHECK VALVE	Q	FIRE HYDRANT	••	PUMP: RECIPROCATING	\$	VALVE: PRESSURE RELIEF		
		— <u>)</u> —	CONCENTRIC REDUCER	۲	X	MUD VALVE (PLAN VIEW)		- FLAME ARRESTER	Q	PUMP: ROTARY	Ť	PRESSURE-REDUCING REGULATOR	CODE DESCRIPTION A = AIR CD = CONDENSATE DRAIN CLS = CHLORINE SOLUTION	
H		— <u>D</u> —	ECCENTRIC REDUCER (FOT. FOB)		$ \Diamond $	NEEDLE VALVE	-	FLAME ARRESTER WITH THERMALLY OPERATED VALVE	0			- VALVE: SWING CHECK	$\begin{array}{llllllllllllllllllllllllllllllllllll$	
			UNION			CHECK BACKFLOW PREVENTER		FLOOR DRAIN	-6	- PUMP: SCREW	Ϋ́	VALVE: TELESCOPING		
		E	CAP		Ø	PIPE MATERIAL CHANGE	L E	FLOW SWITCH	ħ	PUMP: SUBMERSIBLE	— k —	VALVE: THREE WAY	NG = NATURAL GAS E DON PD = PROCESS DRAIN PI = PLANT INFLUENT PW = POTABLE WATER RWL = RAIN WATER LEADER SD = STORW DRAIN SD = STORW DRAIN	
E			ANCHOR				\bigcirc	GAUGE: PRESSURE	© ≁-۲		T M	AIR OPERATED	SD = STORM DRAIN SS = SANITARY SEWER SW = SEAL WATER UW = UTILITY WATER	E
		_	ELBOW, 90 DEGREE					GAUGE: DIFFERENTIAL	↓	PUMP: VERTICAL LIFT	—¥—	VALVE: THREE WAY MOTOR OPERATED	V = VACUM VTR = VENT THROUGH ROOF	
		+	CROSS				Ť	PRESSURE		PIPE REDUCER: CONCENTRIC	§	VALVE: THREE WAY SOLENOID OPERATED		
Η		+ '								PIPE REDUCER: ECCENTRIC (FOT, FOB)	₹	VALVE: VACUUM		-
		-+++-	TEE					MIXER	- C -	- ROTARY CHEMICAL FEEDER		VALVE, VACUUM		
		\rightarrow	ELBOW, 45 DEGREE				\Box	OIL OR MOISTURE TRAP		- RUPTURE DISK		BACKPRESSURE REGULATOR SELF-CONTAINED		
F		+ <i>\</i>	ELBOW, 22.5 DEGREE				, , ,	PRIMARY LEVEL ELEMENT: BUBBLER	- <u></u>	SAMPLE PORT		BACKPRESSURE REGULATOR W/ EXTERNAL PRESSURE TAP		F
	· · · ·	н ^т					111	PRIMARY LEVEL ELEMENT: ELECTRODE	~	- SIGHT GLASS	4	PRESSURE-REDUCING		
		-++-	ELBOW, 11.25 DEGREE					PRIMARY LEVEL ELEMENT:			×.→ 	REGULATOR: SELF-CONTAINED		
H			LATERAL					FLOAT SWITCH		- SLIDE GATE		PRESSURE-REDUCING REGULATOR W/EXTERNAL PRESSURE TAP		
								PRIMARY LEVEL ELEMENT: FLUID		SLUICE GATE				
								PRIMARY LEVEL ELEMENT: INVERTED COLUMN		- STRAINER: WYE TYPE				
G					PROFESSION AND	PROFESSION A				\mathbf{C}	7 11	SOUTH VAL	LEY WATER RECLAMATION FACILITY	
				DRAWN DCS CHECKED	No. 9039577-2202	U No. 4775621-2202		carolk		South V	Alley MATION FACILITY		PROJECT 5	BAR IS ONE INCH ON ORIGINAL DRAWING NO. 01" GM-01
				GCS DATE	JAMES W.	BRAD D.				7495 South 130	00 West		LEGEND AND SYMBOLS	IF NOT ONE INCH ON SHEET NO.
RE	V DATE BY		DESCRIPTION 2	MARCH 2019	4 ATE OF UT A CONTRACTOR	47E OF UTATION	<u> </u>	6	7	West Jordan, Utai	b 84084	10	11 12	SCALES ACCORDINGLY 108 OF 159
Pf	I ROJECT NO. 10548A10		∠ E: 10548A10GM01.dgn	J	4	I 0		U I	I	0	. 9	1 10	11 12	10



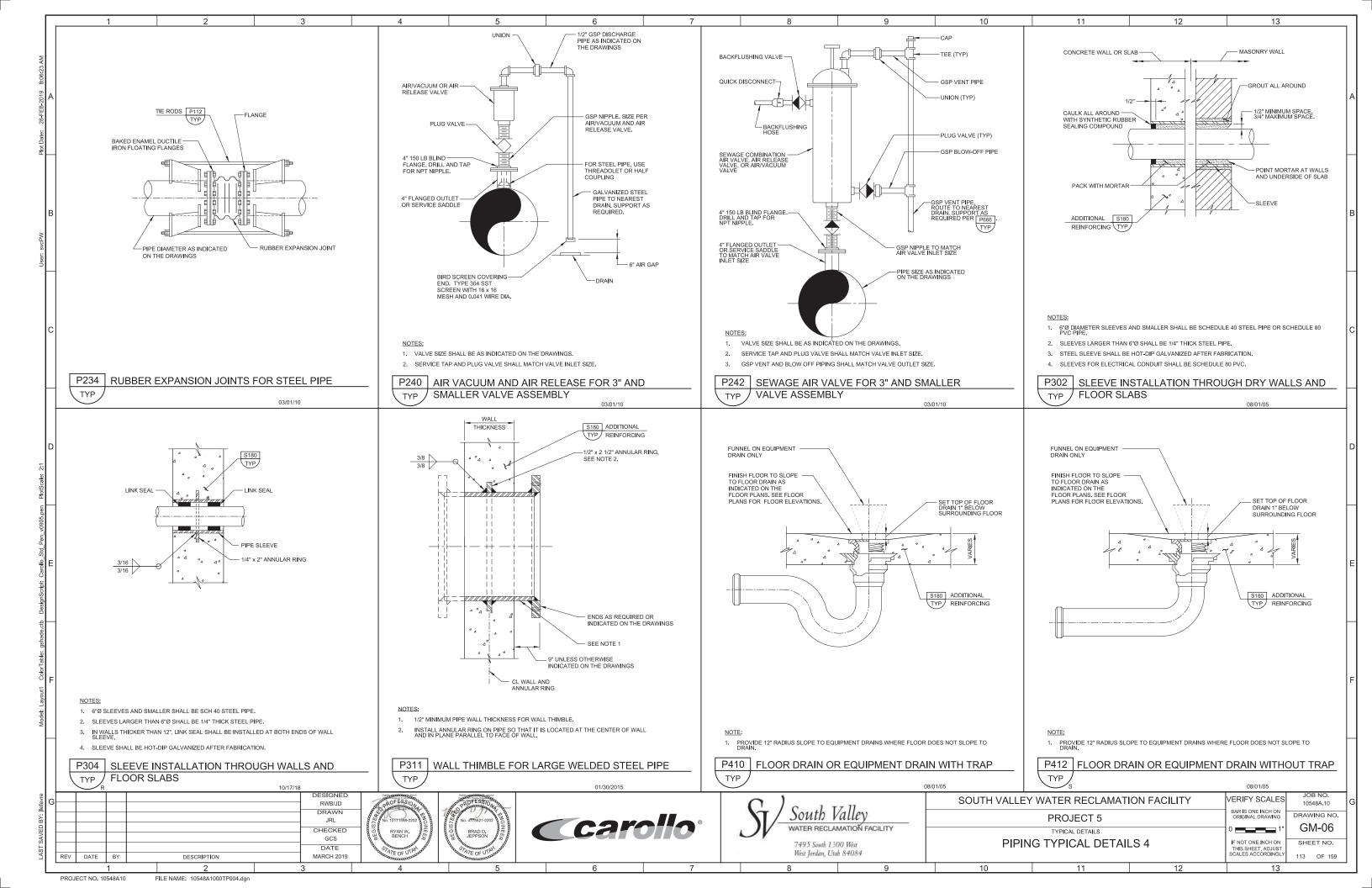
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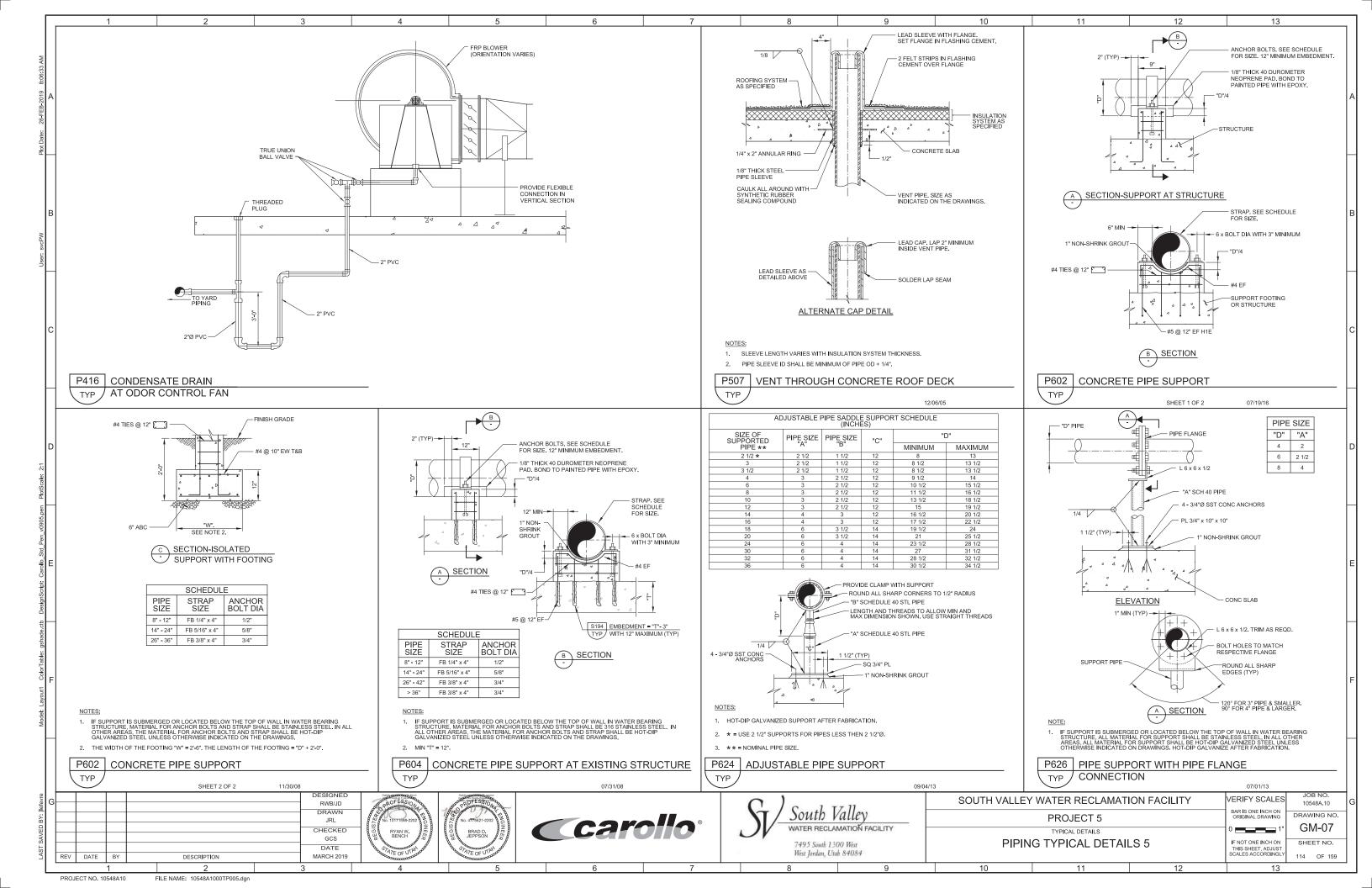


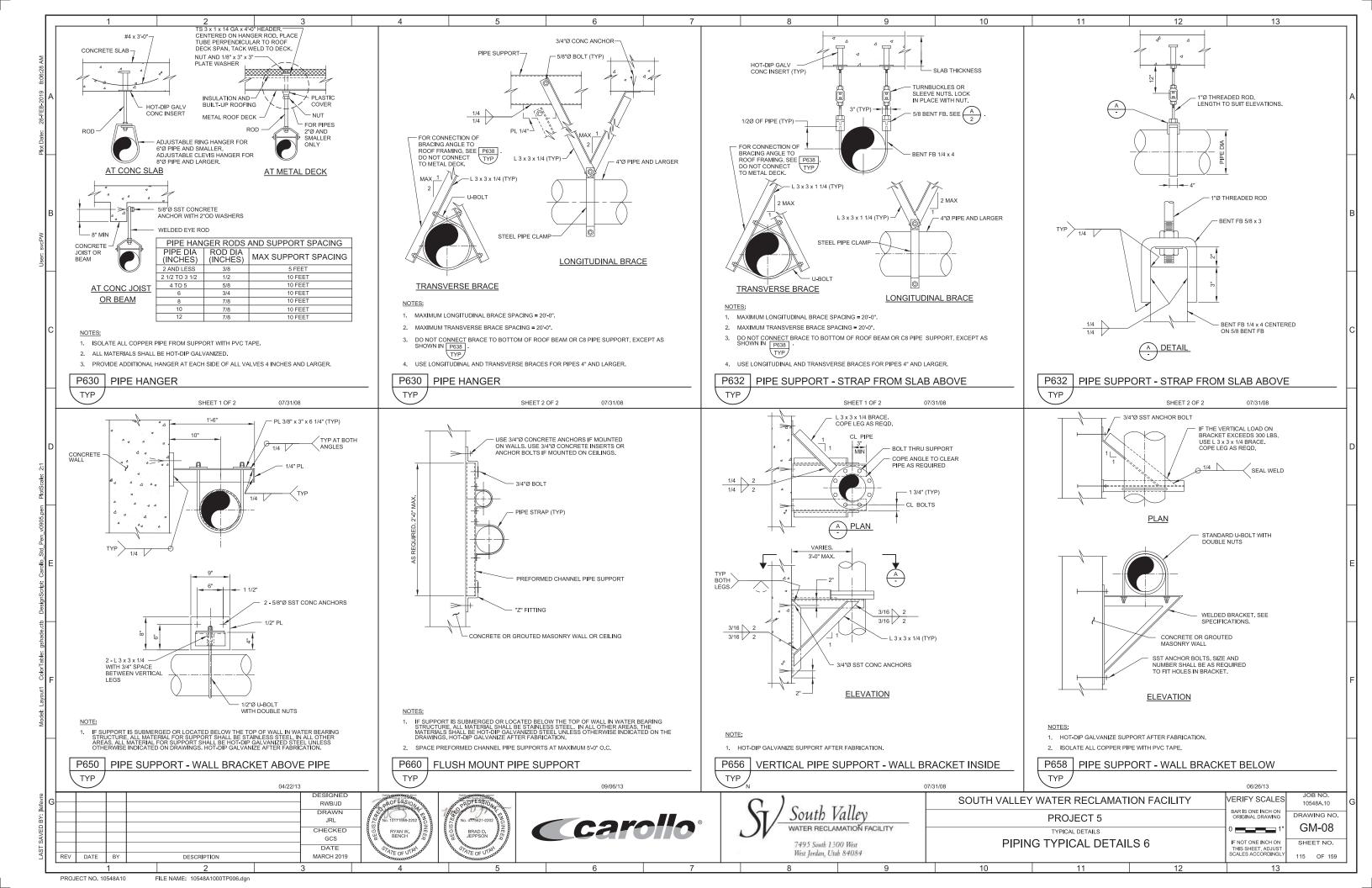


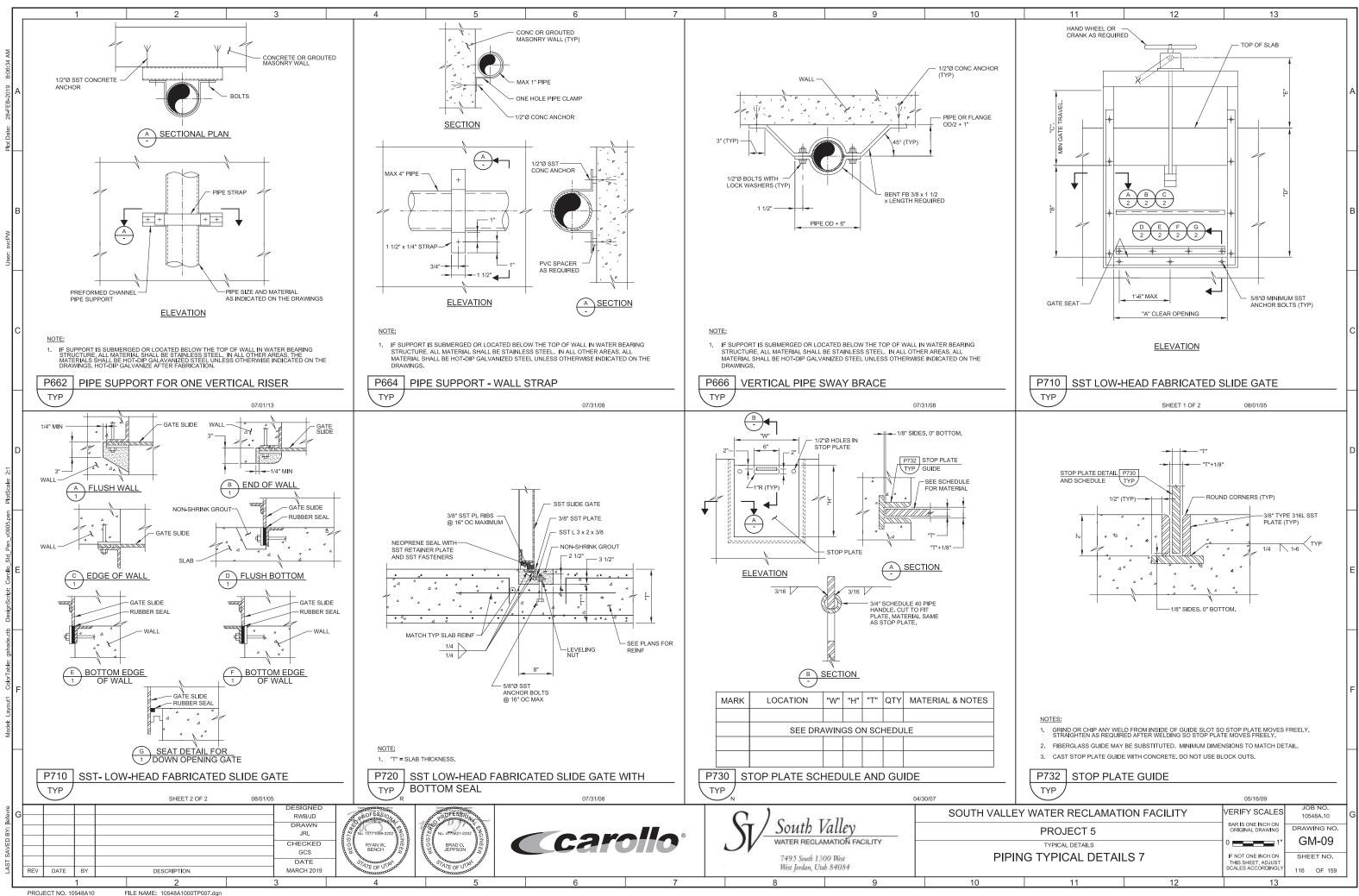


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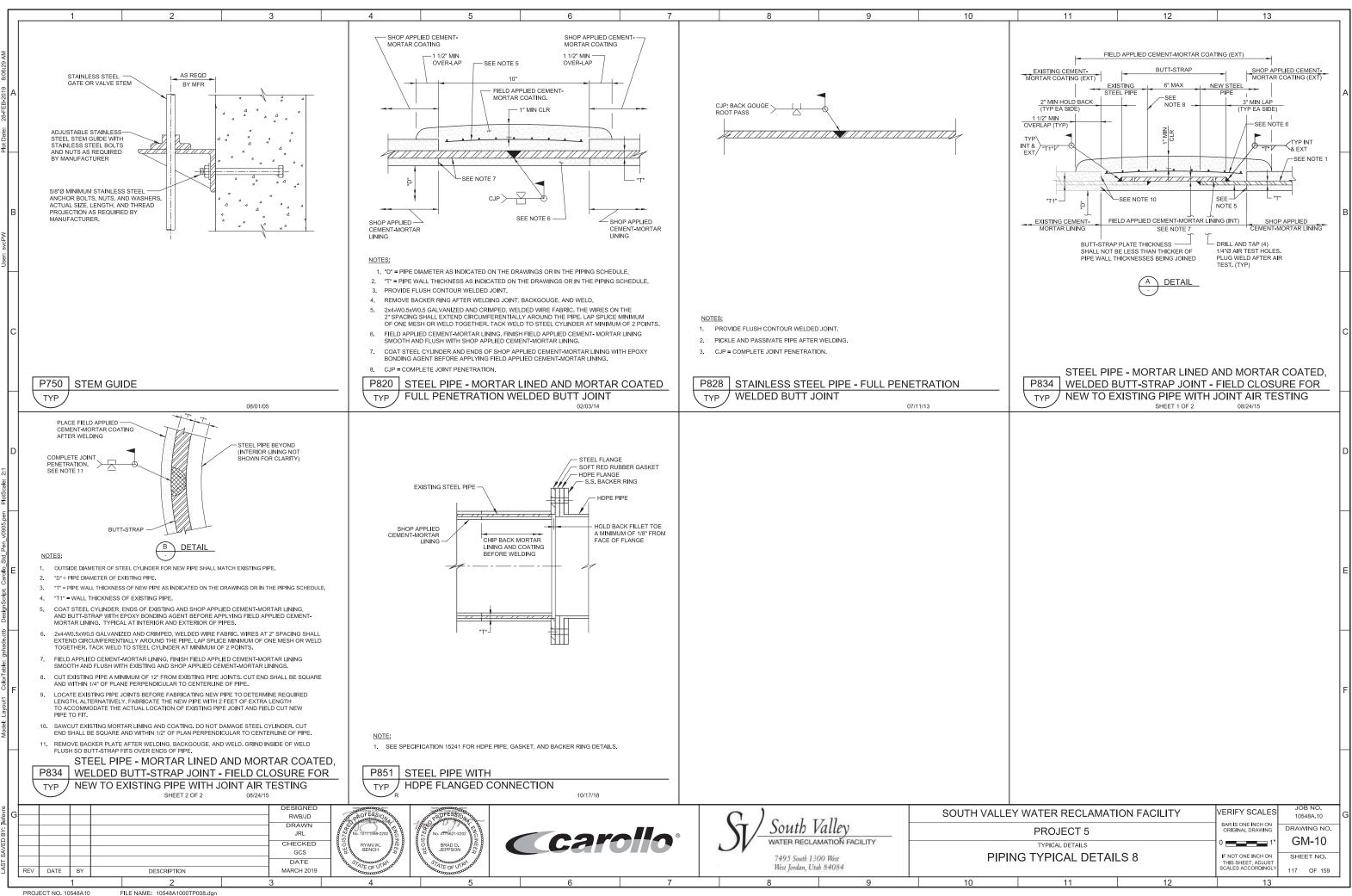




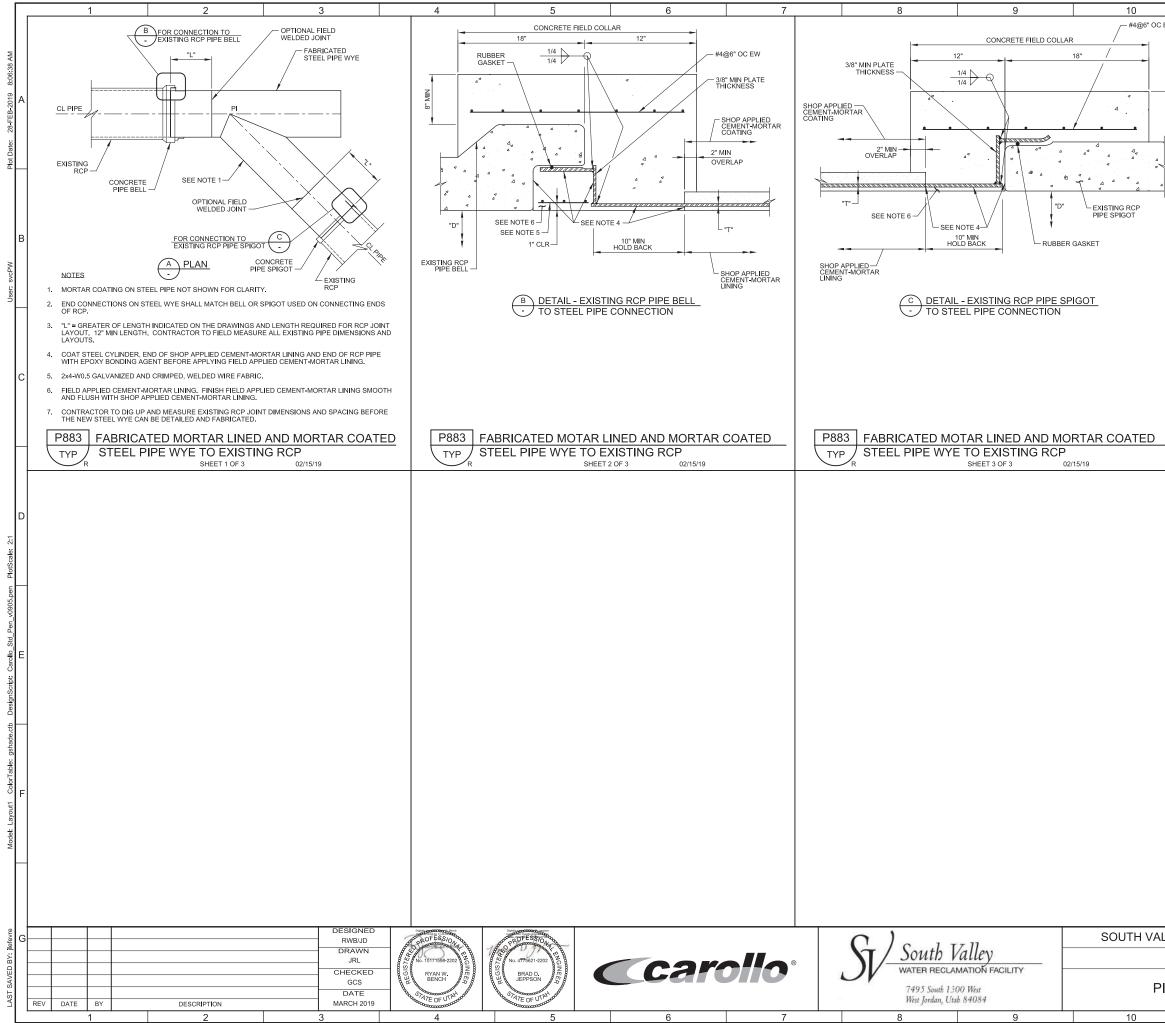




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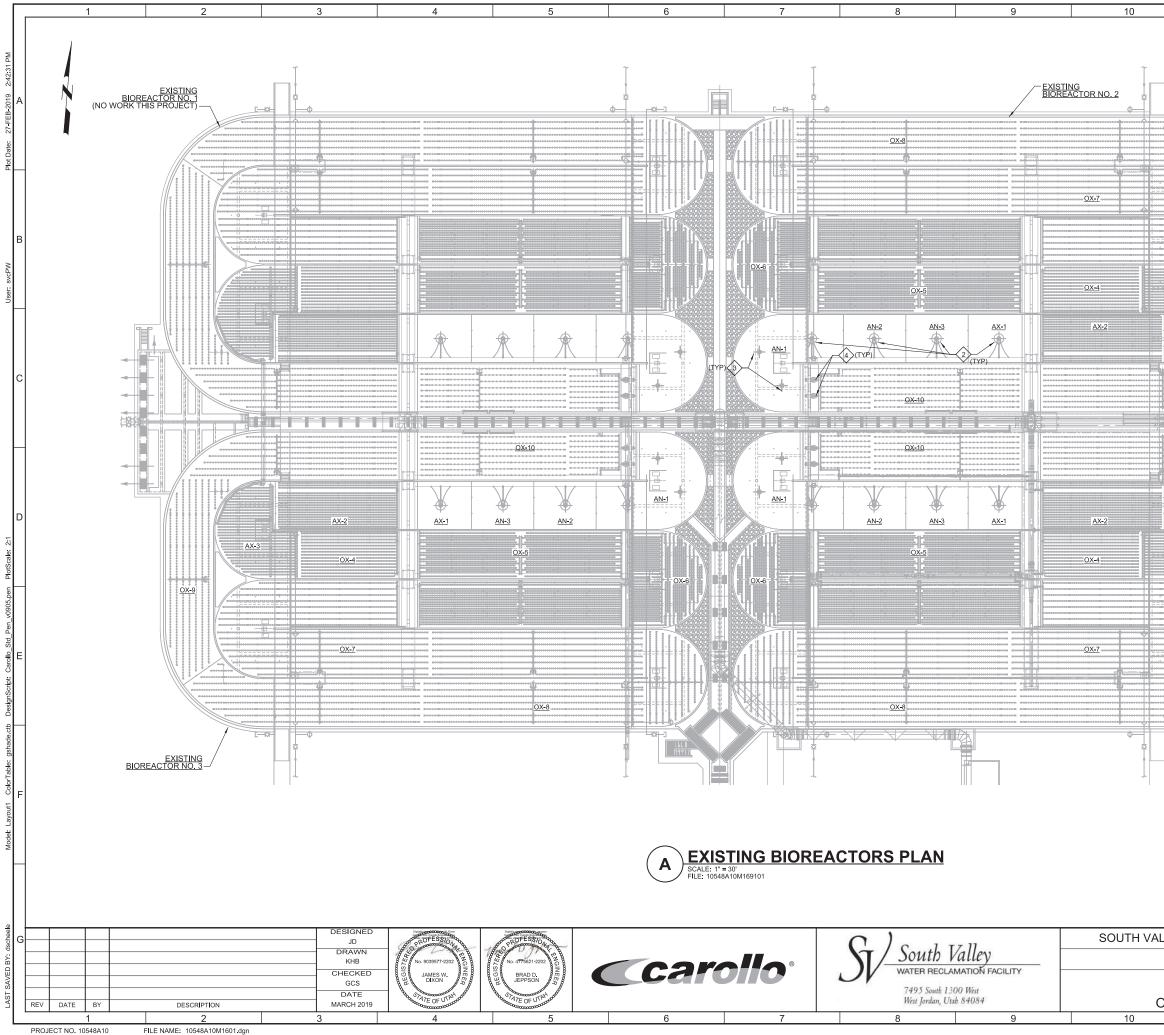
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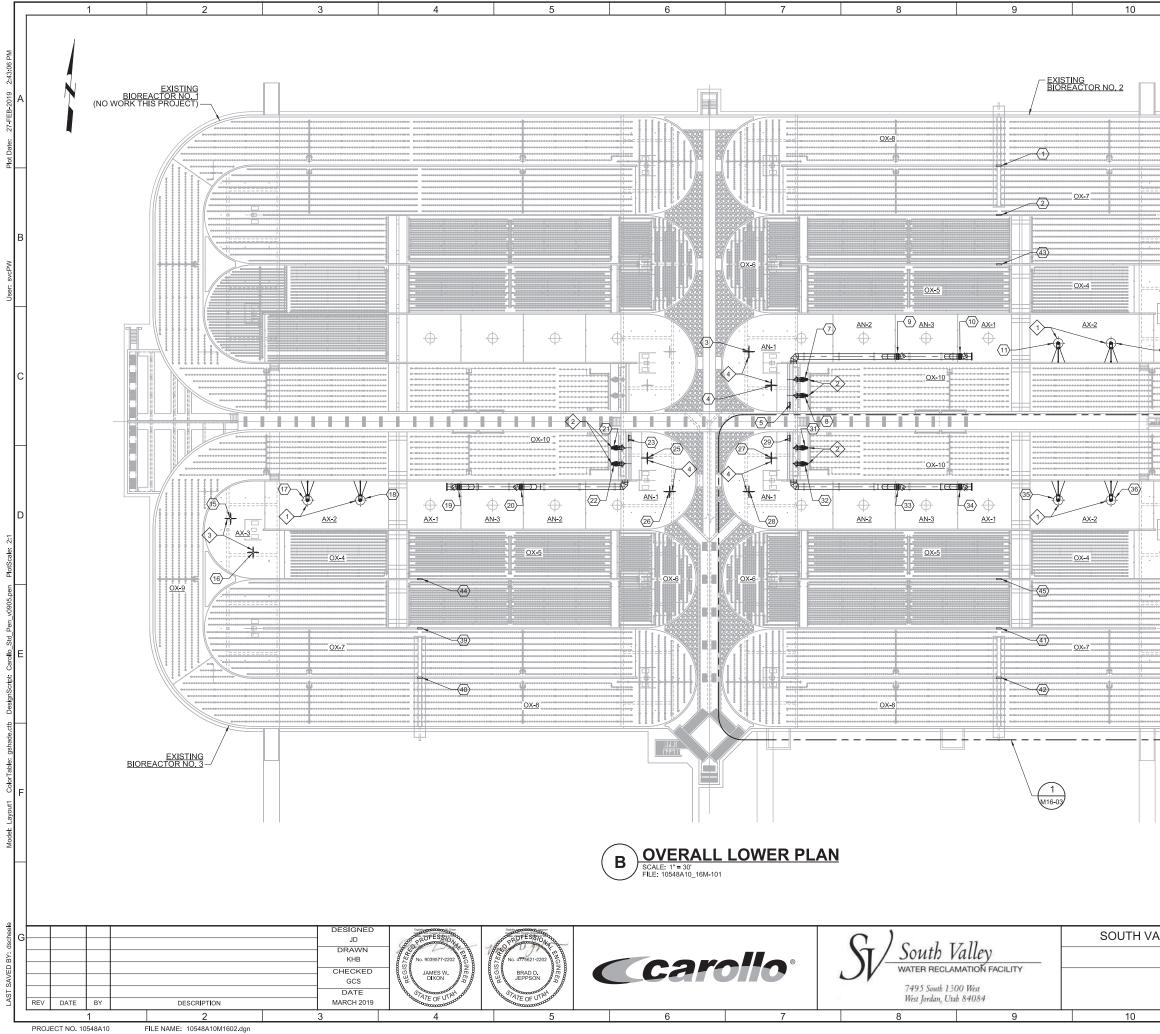
PROJECT NO. 10548A10

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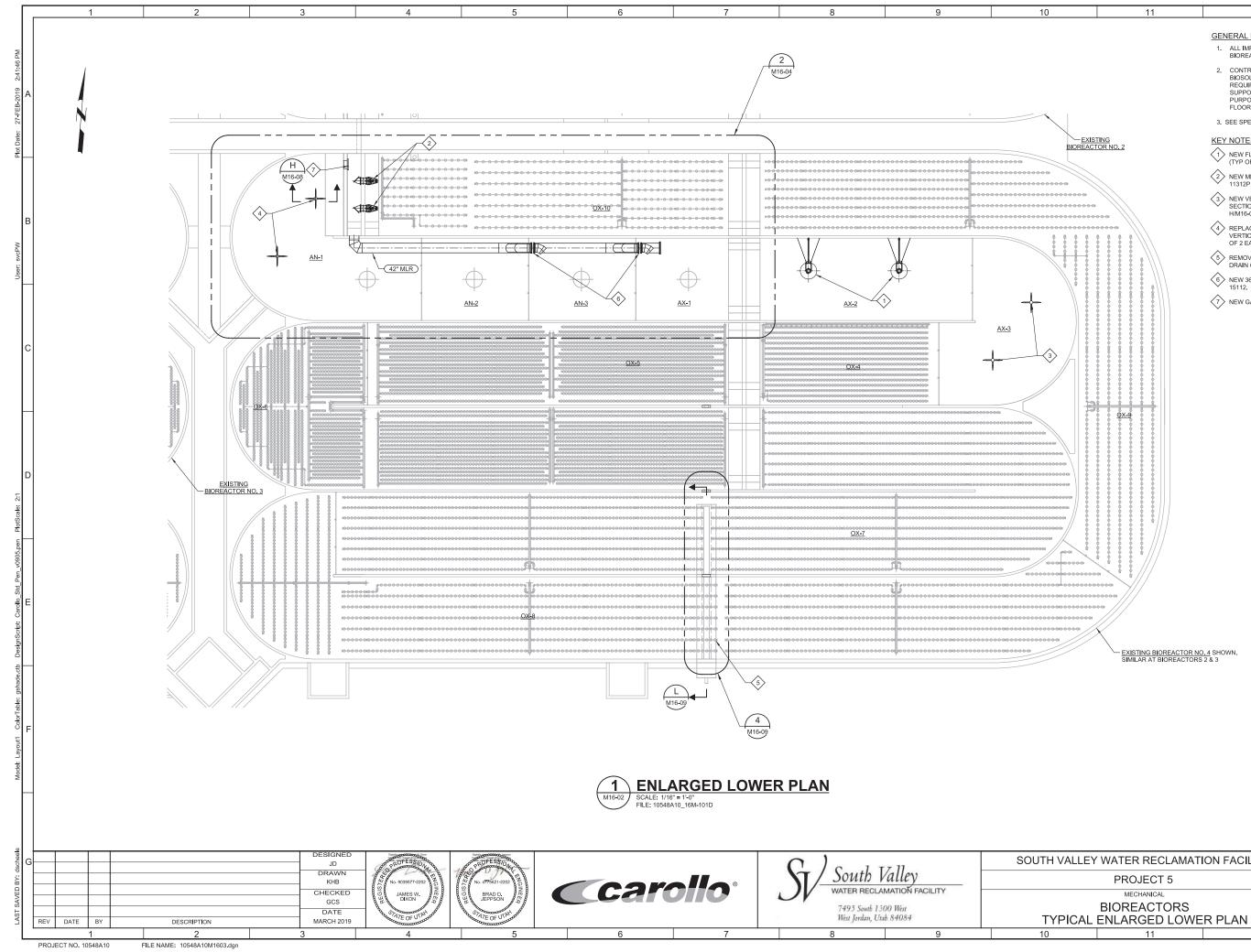
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ALLE		ON FACILITY	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING	JOB NO. 10548A.10 DRAWING NO.	G
<u></u>	PROJECT 5 TYPICAL DETAILS	0.0	0 1"	GM-11	
PIPI	NG TYPICAL DETAIL		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO. 118 OF 159	
	11	12	13		



11	12	13	
	GENERAL NOTES: 1. MODIFICATIONS SHALL ON NO WORK INVOLVING BIOF THIS PROJECT. KEY NOTES: 1 EXISTING DIFFUSERS 2 EXISTING FLOATING MIXE 3 EXISTING VERTICAL MIXE	ILY BE MADE TO BIOREACTORS 2 - 4, REACTOR 1 WILL BE INCLUDED IN ERS - TYP 4 EACH BIOREACTOR ERS - TYP 2 EACH BIOREACTOR	A
	4 EXISTING MLR PUMPS - T ZONE NA EXISTING AX-1 AX-2 AX-3 AX-4 OX-1 OX-2 OX-3 OX-5	YP 2 EACH BIOREACTOR MING CROSS REFERENCE PROJECT 5 AN-1 AN-2 AN-3/AX-O (SWING ZONE) AX-2 AX-3 AX-3 AX-3 OX-4 OX-6	В
	OX-6 OX-7 OX-8 OX-8 OX-9	0X-7 0X-8 0X-9 0X-10	С
AX-3			D
			Е
	<u>). 4</u>		F
/ALLEY WATER RECLAMATI PROJECT 5 MECHANICAL BIOREACTORS OVERALL EXISTING PL		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 01" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY 13	G



11	12	13	
	GENERAL NOTES:	1	
	1. SEE SPECIFICATION SECTION		
		101230 FOR BID ALTERNATIVES	».
	KEY NOTES:	R SPECIFICATION SECTION 1122	24A
		J/M16-08 AND DETAIL 8/M16-10.	- //
	NEW MIXED LIQUOR PUMF 11312P. (TYP OF 6).	PS PER SPECIFICATION SECTION	N A
	3 NEW VERTICAL DECK-MOU	JNTED MIXER PER SPECIFICATI	ON
	 SECTION 11224B. (TYP OF 6). SEE SECTION I 	H/M16-08.	
		ELLER ASSEMBLY ON EXISTING	
	 VERTICAL MIXERS PER SP OF 6). SEE SECTION H/M16 	ECIFICATION SECTION 11224B.	(TYP
	KEY TAGS:		
	1 STOP PLATE GAT 16.266		
	2 STOP PLATE GAT 16.265		
	3 VERTICAL MIXER BRXB 602		В
<u>OX-9</u>	4 VERTICAL MIXER BRXA 602	2	
	5 SLIDE GATE GAT 16.263		
	6 NOT USED		
AX-3			
	(9) BUTTERFLY VALVE VAL 16.		
-12	10 BUTTERFLY VALVE VAL 16.		
			c
······································	(12) FLOATING MIXER BRX 16.2		
	 (13) VERTICAL MIXER BRX 16.2 (14) VERTICAL MIXER BRX 16.2 		
	$\langle 15 \rangle$ VERTICAL MIXER BRX 16.20		
	$\langle 16 \rangle$ VERTICAL MIXER BRX 16.3		
	$\langle 17 \rangle$ FLOATING MIXER BRX 16.3		
B0000000000000000000000000000000000000	$\langle 18 \rangle$ FLOATING MIXER BRX 16.3		
	(19) BUTTERFLY VALVE VAL 16.		
	20 BUTTERFLY VALVE VAL 16.		
	$\langle 21 \rangle$ MIXED LIQUOR PUMP PMP		D
	22 MIXED LIQUOR PUMP PMP		
- K Ý	23 SLIDE GATE GAT 16.363		
	24 NOT USED		
<u>38</u> <u>OX-9</u>	25 VERTICAL MIXER BRXA 603	3	-
	26 VERTICAL MIXER BRXB 603	3	
	27 VERTICAL MIXER BRXA 604	1	
	28 VERTICAL MIXER BRXB 604	1	
	29 SLIDE GATE GAT 16.463		E
	30 NOT USED		
	31 MIXED LIQUOR PUMP PMP	16.461	
	32 MIXED LIQUOR PUMP PMP	16.462	
	33 BUTTERFLY VALVE VAL 16.	402	
	$\langle 34 \rangle$ BUTTERFLY VALVE VAL 16.	401	
	35 FLOATING MIXER BRX 16.4	07	
EXISTING BIOREACTOR NO. 4	(36) FLOATING MIXER BRX 16.4	08	
BIONEAUTON NO. 4	37 VERTICAL MIXER BRX 16.4	09	
	38 VERTICAL MIXER BRX 16.4	10	F
	39 STOP PLATE GAT 16.365		
	40 STOP PLATE GAT 16.366		
	41 STOP PLATE GAT 16.465		
	42 STOP PLATE GAT 16.466		
	43 STOP PLATE GAT 16.267		
	44 STOP PLATE GAT 16.367		
	45 STOP PLATE GAT 16.467		
ALLEY WATER RECLAMAT			B NO. 48A.10 G
		PAR IS ONE INCH ON	48A.10 G
PROJECT 5			6-02
MEQUANON			
			ET NO.
MECHANICAL BIOREACTORS OVERALL LOWER PLA	AN I		



11	12	13		1
	GENERAL NOTES: 1. ALLIMPROVEMENTS NOT BIOREACTORS 2 THROUG 2. CONTRACTOR S HALL REM BIOSOLID MATERIAL AS O REQUIRED TO COMPLETE SUPPORTS SHALL BE PRC PURPOSES, ASSUME 6" O FLOOR OF THE BASIN. 3. SEE SPECIFICATION SECTIO	H 4, UNLESS NOTED C 10VE AND DISPOSE OI UTLINED IN SECTION (THE WORK. DIFFUSEI DTECTED IN PLACE. FO F SETTLED GRITLIKE N	DTHERWISE. F ALL DEBRIS AND 11140, AND AS RS, PIPING, AND R BIDDING MATERIAL ON THE	А
EXISTING BIOREACTOR NO. 2	$\frac{\text{KEY NOTES:}}{1 \text{ NEW FLOATING MIXER PEI}}$	R SPECIFICATION SEC	TION 11224A	
00000	 (TYP OF 2 EACH BIOREAC' NEW MIXED LIQUOR PUMF 11312P (TYP OF 2 EACH BI NEW VERTICAL DECK-MOU SECTION 11224C (TYP OF H/M16-08. 	PS PER SPECIFICATION OREACTOR). JNTED MIXER PER SPI	N SECTION	
	 REPLACE EXISTING PROP VERTICAL MIXERS PER SP OF 2 EACH BIOREACTOR). REMOVE AND REPLACE IN DRAIN CONSTRUCTION. S 	ECIFICATION SECTION SEE SECTION H/M16-0 -KIND DIFFUSER GRID EE DETAIL 5/M16-09.	N 11224B. (TYP 08. 9 FOR TRENCH	В
	6 NEW 36" BUTTERFLY VALV 15112.			с
				D
EXISTING BIOREACTOR MA SIMILAR AT BIOREACTORS	2 <u>.4</u> SHOWN.			E
				F
LLEY WATER RECLAMAT	ION FACILITY	VERIFY SCALES	JOB NO. 10548A.10	G
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	1 I
MECHANICAL		0 1"	M16-03	

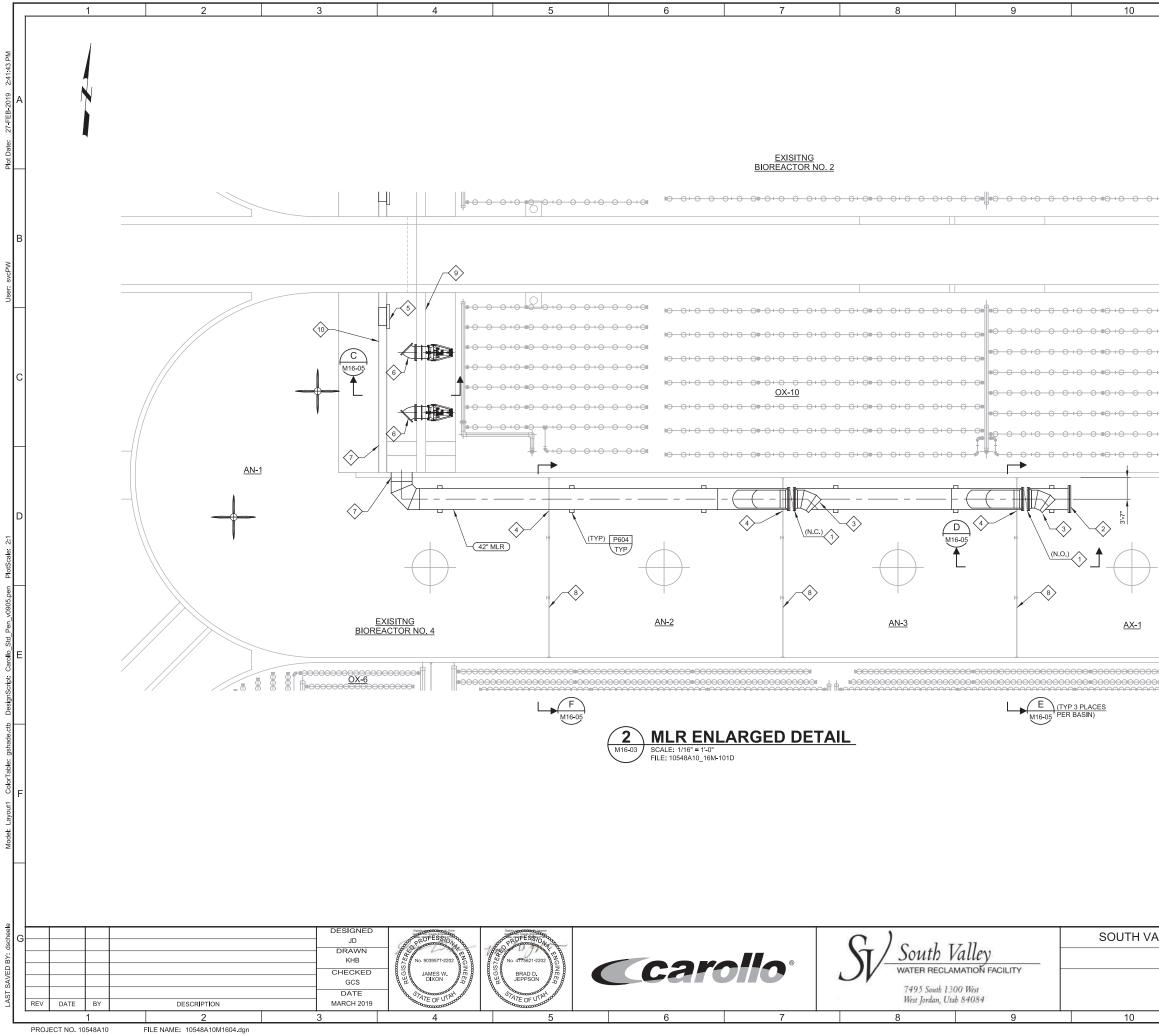
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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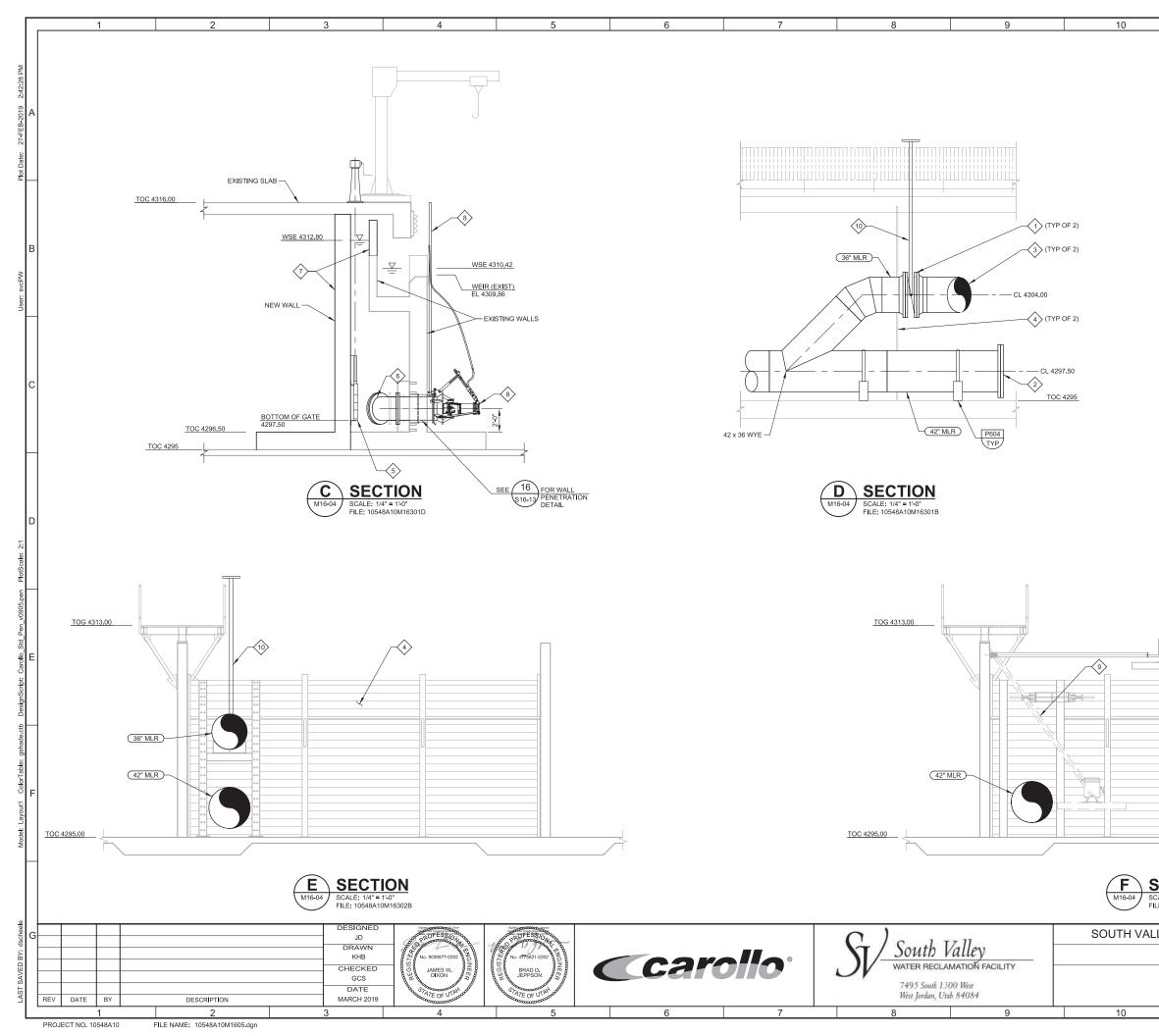
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SHEET NO.

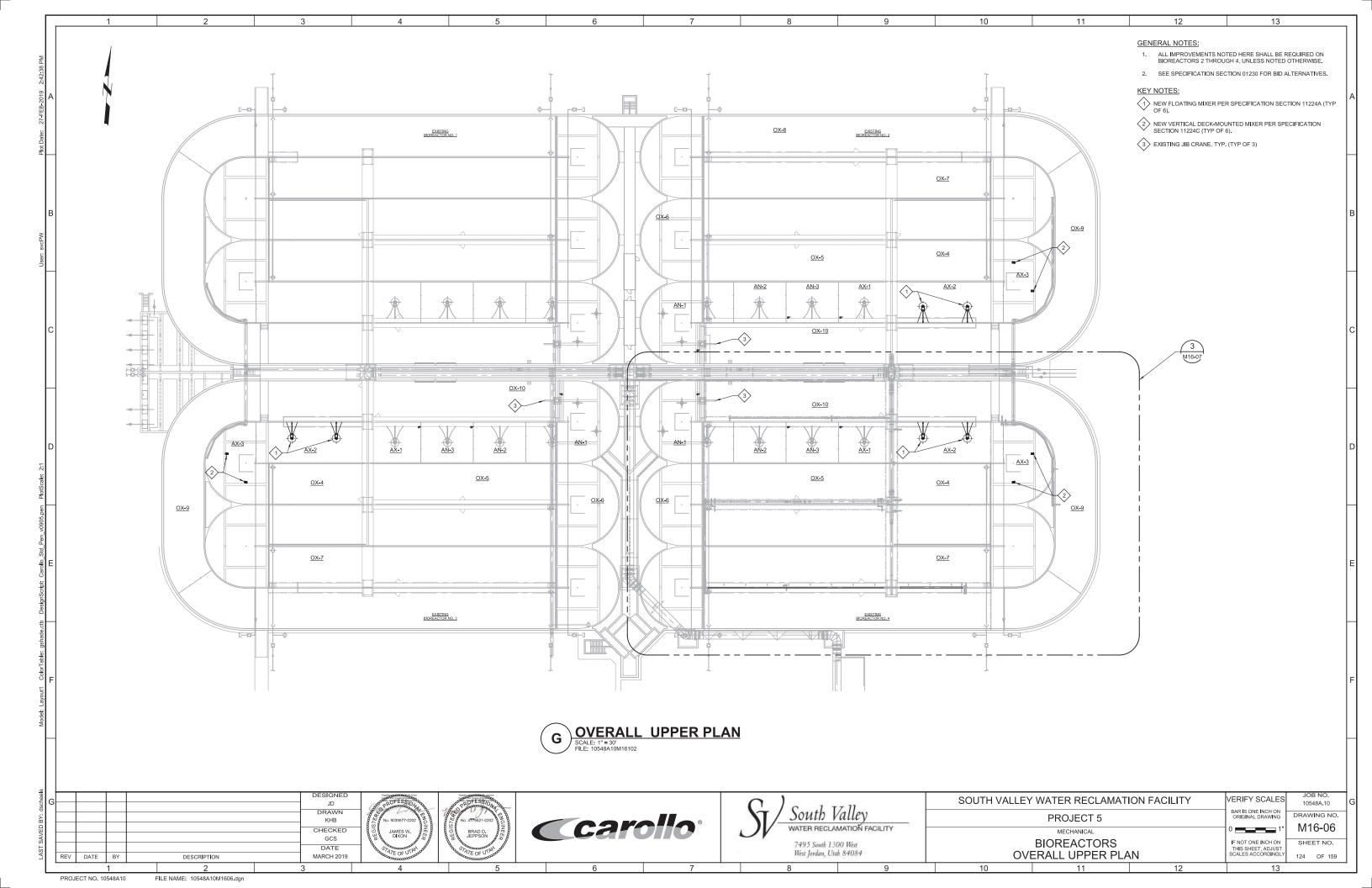
121 OF 159

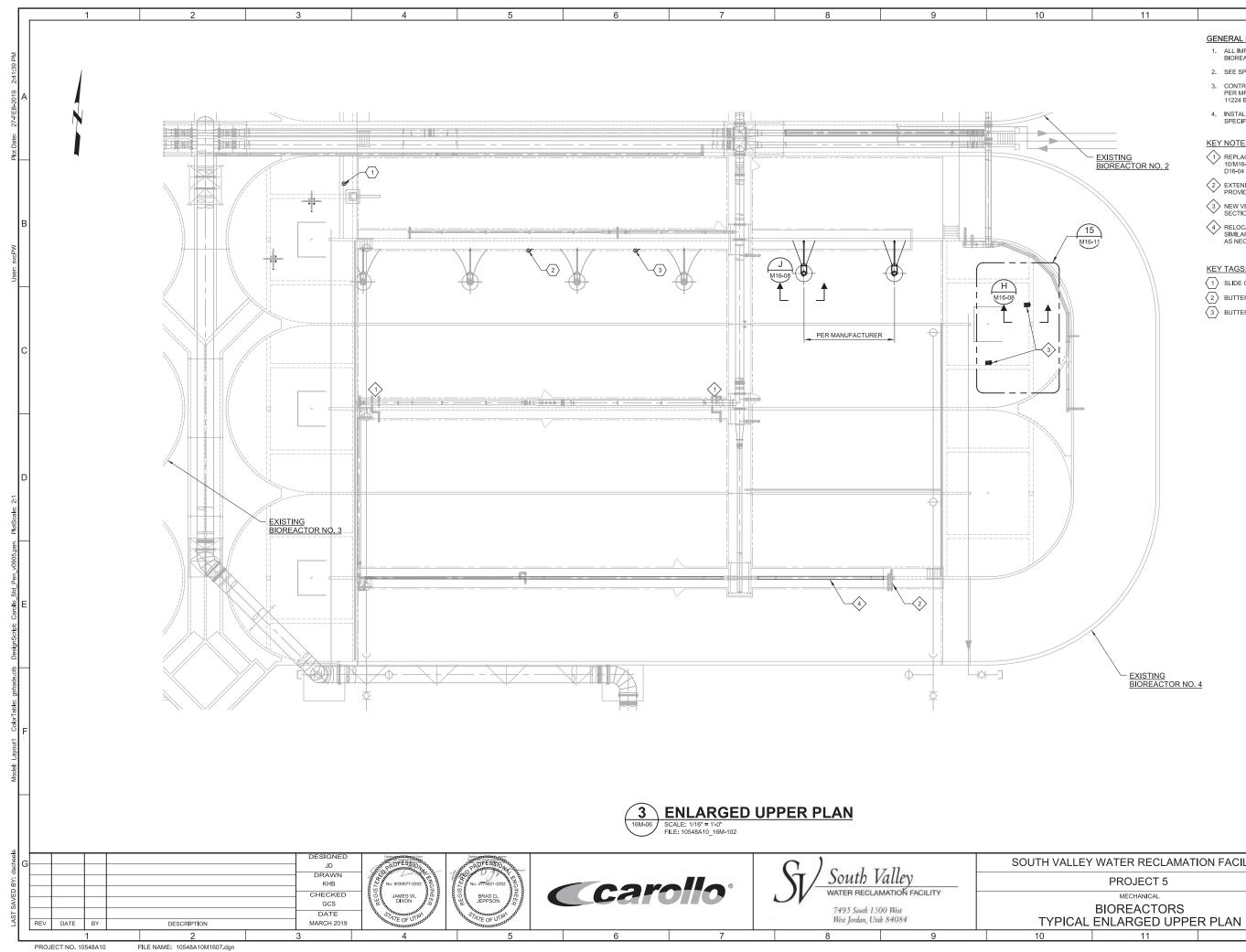


11 12 13 Selection to the first statute request on the set of the set o			_
	11	12 13	
		1. ALL IMPROVEMENTS NOTED HERE SHALL BE REQUIRED ON	
		 36" BUTTERFLY VALVE PER SPECIFICATION SECTION 15112. 42" BLIND FLANGE. 36" 45" ELBOW. SEE STRUCTURAL DRAWINGS FOR BAFFLE WALL MODIFICATIONS. 5 SLIDE GATES PER SPECIFICATION SECTION 11294C AND GATE SCHEDULE ON DWG G-11. 6 FLANGE MOUNTED 45" ELBOW. ORIENT PER PUMP MANUFACTURER RECOMMENDATIONS. INSTALL FLAP GATES AT DISCHARGE PER SPECIFICATION SECTION 11292A. 	
		8 EXISTING REDWOOD BAFFLE WALL. 9 EXISTING WALL.	В
ALLEY WATER RECLAMATION FACILITY PROJECT 5 MECHANICAL BIOREACTORS MLR DETAIL SHEET NO. 122 OF 158		~	
ALLEY WATER RECLAMATION FACILITY PROJECT 5 MECHANICAL BIOREACTORS MLR DETAIL	+O+O-#O-O#		С
ALLEY WATER RECLAMATION FACILITY PROJECT 5 PROJECT 5 MECHANICAL BIOREACTORS MLR DETAIL		_	
ALLEY WATER RECLAMATION FACILITY PROJECT 5 MECHANICAL BIOREACTORS MLR DETAIL	_		D
ALLEY WATER RECLAMATION FACILITY PROJECT 5 MECHANICAL BIOREACTORS MLR DETAIL JOB NO. 10548A.10 DRAWING NO. 0 MERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 MIGHAL DRAWING 0 MIGHAL DRAWING 10 FNOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY 122 OF 159 DRAWING NO. 122 OF 159 DRAWING NO. 125 OF 159 DRAWING NO. 155 OF 150 DRAWING NO. 155 OF 150 DRAWING NO.			E
ALLEY WATER RECLAMATION FACILITY VERIFY SCALES 10548A.10 G PROJECT 5 BARWING NO. DRAWING NO. MECHANICAL 0 1" M16-04 BIOREACTORS IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY SHEET NO. 122 OF 159			F
PROJECT 5 ORIGINAL DRAWING NO. MECHANICAL 0 1" M16-04 BIOREACTORS MLR DETAIL SHEET, ADJUST SCALES ACCORDINGLY 122 OF 159	ALLEY WATER RECLAMAT	ION FACILITY VERIFY SCALES 10548A.10	G
MLR DETAIL SCALES ACCORDINGLY 122 OF 159	MECHANICAL BIOREACTORS	0 CRIGINAL DRAWING NO. 0 CRIGINAL DRAWING NO. 0 CRIGINAL DRAWING NO. 1" M16-04 IF NOT ONE INCH ON THIS SHEET, ADJUST SHEET NO.	
		122 OF 139	



			_
11	12	13	1
	BIOREACTORS 2 THROUG KEY NOTES: 36" BUTTERFLY VALVE WI PER SPECIFICATION SEC 42" BOLTED BLIND FLANG 336" 45" ELBOW. 44 EXISTING REDWOOD BAF DRAWINGS FOR BAFFLE W	E. FLE WALL. SEE STRUCTURAL VALL MODIFICATIONS.	A
	FLANGE MOUNTED 45° EL MANUFACTURER RECOMI GATES AT DISCHARGE PE 11292A. SEE STRUCTURAL DRAWI NEW AXIAL WALL PUMP A SECTION 11312P. INCREA PUMP PER STRUCTURAL. 9 FLOATING MIXER SHOWN INSTALL VALVES WITH TC ACTUATORS ABOVE THE	MENDATIONS, INSTALL FLAP ER SPECIFICATION SECTION INGS FOR WALL DETAILS. ND RAIL PER SPECIFICATION SE WALL CORE SIZE TO FIT NEW IN LOWER POSITION. JRQUE TUBES TO MAINTAIN WATER, INSTALL THE	в
	ACTUATORS AT WALKWA OPERATORS HAVE EASY AND ACTUATORS TO THE MANUFACTURER RECOM	ACCESS. ATTACH TORQUE TUBES WALKWAY PER TUBE	С
			D
			E
			F
CALE: 1/8" = 1'-0" ILE: 10548A10_16M-302B	ION FACILITY	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY 123 OF 159	G

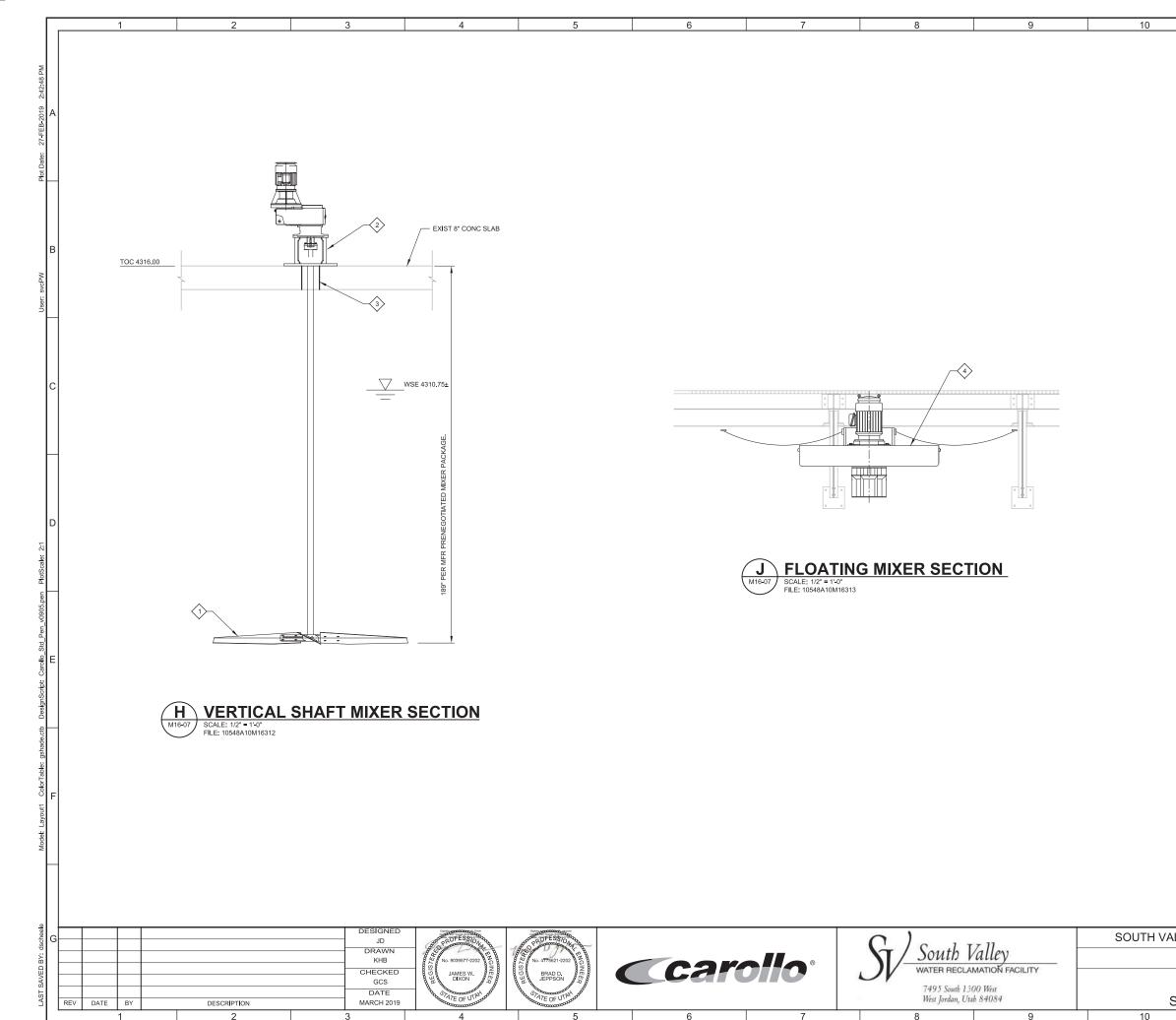




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EXISTING BIOREACTOR NO. 2	GENERAL NOTES: 1. ALL IMPROVEMENTS NOTED HERE SHALL BE REQUIRED ON BIOREACTORS 2 THROUGH 4, UNLESS NOTED OTHERWISE. 2. SEE SPECIFICATION SECTION 01230 FOR BID ALTERNATIVES. 3. CONTRACTOR SHALL PROVIDE FINAL LOCATION OF NEW MIXERS PER MFR DESIGN AS DESCRIBED IN SECTION 11224A AND SECTION 11224 B. 4. INSTALL VALVE ACTUATORS ON ALL MANUAL AIR VALVES PER SPECIFICATION SECTION 13447 AT 14 VALVES PER BIOREACTOR. KEY NOTES: ⁽¹⁾ REPLACE 4" AIR VALVES IN 0X-6 WITH NEW 6" VALVES PER DETAIL 10/M16-12, DEMO OF EXISTING VALVES IS SHOWN ON DRAWING D16-04 (TYP 0F 6). ⁽²⁾ EXTEND UTILITY WATER PIPING ALONG ENTIRE WALKWAY. PROVIDE HOSE BIB CONNECTIONS AT 50 FOOT INTERVALS. ⁽³⁾ NEW VERTICAL DECK-MOUNTED MIXER PER SPECIFICATION SECTION 11224C (TYP 0F 6). ⁽⁴⁾ RELOCATE EXISTING AND FIDING ON TOP OF NEW WALKWAY, SIMILAR TO EXISTING AIL PIPING ON TOP OF NEW WALKWAY, SIMILAR TO EXISTING WALKWAYS, ADJUST PIPING AND FITTINGS AS NECESSARY.	B
	KEY TAGS: 1 SLIDE GATE GAT16.463 2 BUTTERFLY VALVE VAL 16.401 3 BUTTERFLY VALVE VAL 16.402	C
		E
EXISTING BIOREACTOR NO.	4	F
ALLEY WATER RECLAMATI PROJECT 5	BAR IS ONE INCH ON ORIGINAL DRAWING NO.	G
BIOREACTORS PICAL ENLARGED UPPE	IF NOT ONE INCH ON SHEET NO.	

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PROJECT NO.	10548A10	FILE NAME:	10548A10M1608

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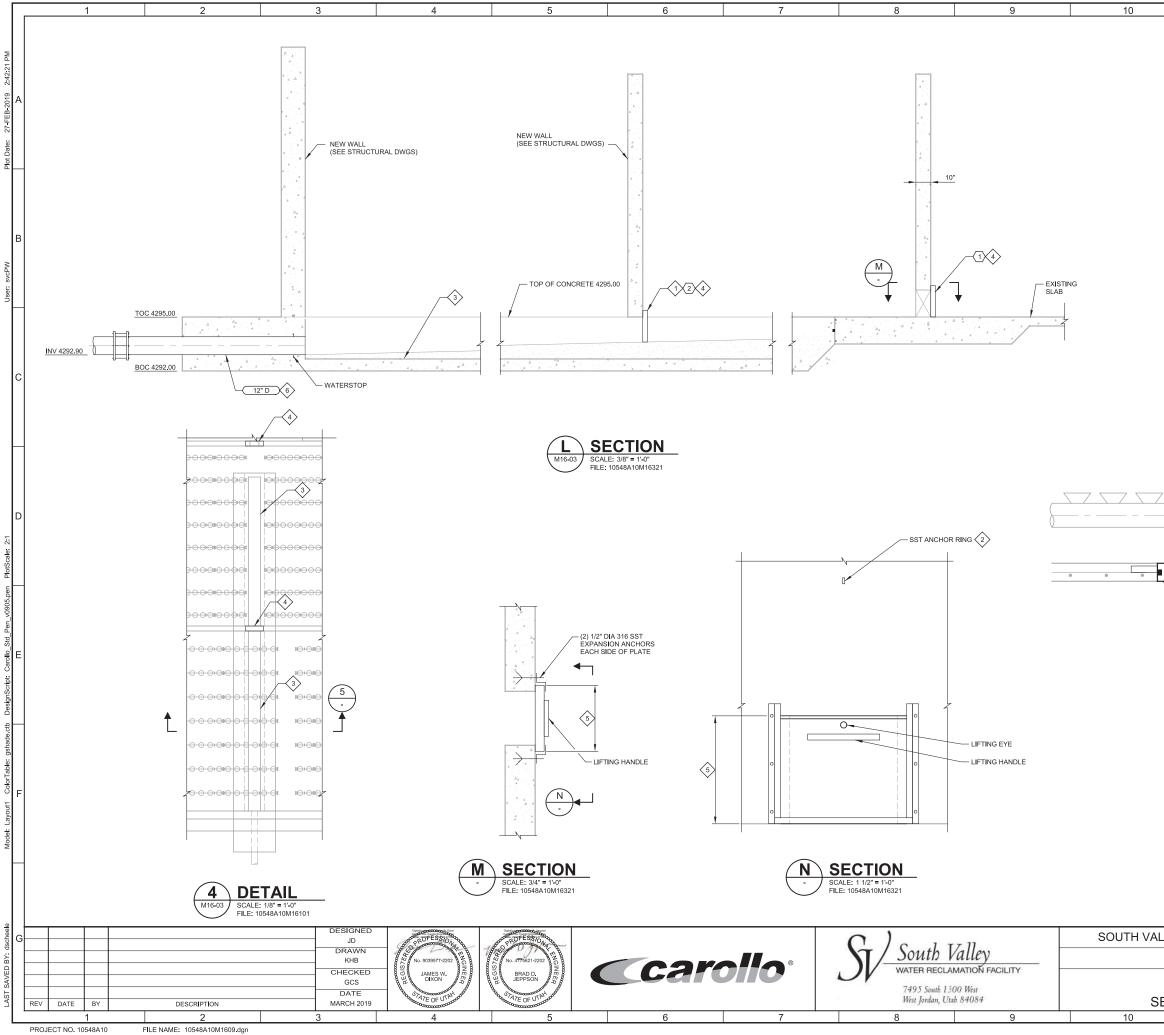
GENERAL NOTES:

1. ALL IMPROVEMENTS NOTED HERE SHALL BE REQUIRED ON BIOREACTORS 2 THROUGH 4, UNLESS NOTED OTHERWISE.

KEY NOTES:

- SUPPLY AND INSTALL NEW VERTICAL MIXERS (TYP OF 6). REPLACE EXISTING IMPELLER ON EXISTING MIXERS WITH 99" DIAMETER IMPELLER (TYP OF 6). SEE MIXER SCHEDULE ON DWG G-11 FOR DETAILS.
- SUPPLY 6 NEW MIXERS. SEE SPECIFICATION SECTION 11224C AND MIXER SCHEDULE ON G-11.
- 3 DRILL PENETRATION IN DECK SUFFICIENT TO LEAVE ANNULAR SPACE PER MANUFACTURER RECOMMENDATIONS FOR THE SHAFT. LOCATE PENETRATION TO PREVENT DAMAGING EXISTING REBAR WHEN CORING.
- SEE SPECIFICATION SECTION 11224A AND MIXER SCHEDULE ON DRAWING G-11.

ALLEY WATER RECLAMAT	ION FACILITY	VERIFY SCALES	JOB NO. 10548A.10	G
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	drawing no.	
MECHANICAL		0 1"	WI10-00	
BIOREACTORS		IF NOT ONE INCH ON THIS SHEET, ADJUST	SHEET NO.	
SECTIONS AND DETAI	LS 1	SCALES ACCORDINGLY	126 OF 159	
11	12	13		



	11		12	13		
I	11	GENERAL		13]
		1. ALL IM	PROVEMENTS NC	TED HERE SHALL BE RE		
				CTION 01230 FOR BID AL		
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		→ #1. IF A	BI #1 IS NOT INST TION OF THE EXIS	BASE BID AND IS NOT I ALLED, INSTALL PLATE STING WALL RATHER TH	AT FLOOR	
		MECHA DURIN	ANISM FOR HANG	SST CHAIN OR OTHER A ING STOP PLATE IN OPE IANCE. CONTRACTOR T RUCTURAL)	N POSITION	
				PRAIN (ABI #1 PER SPEC VINGS FOR DETAILS.	IFICATION 01230).	
		X				
		X	CHEDULE ON DWO	G-11.	BI #1.	в
		✓ KEY TAGS				
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	FILE: 10548A	10M16321				
				ABOVE THE NEW TREM		
	COMPLETE T ACROSS THE SUPPORTS L	HE WORK. AFT TRENCH AND I ANDING WITHIN	ER INSTALLING T REPLACE SUPPOR I THE TRENCH MA	HE TRENCH, REINSTALL RTS AT THEIR EXISTING Y BE OMITTED. INSTAL	DIFFUSERS	_
			OF THE TRENCH.			F
LLEY WATER	RECLAMAT	ON FACI	LITY		10548A.10	G
	JECT 5			BAR IS ONE INCH ON ORIGINAL DRAWING	drawing no. M16-09	
BIORE				IF NOT ONE INCH ON	SHEET NO.	-
SECTIONS A	ND DETAIL	S 2	10	THIS SHEET, ADJUST SCALES ACCORDINGLY	127 OF 159	
	11		12	13		