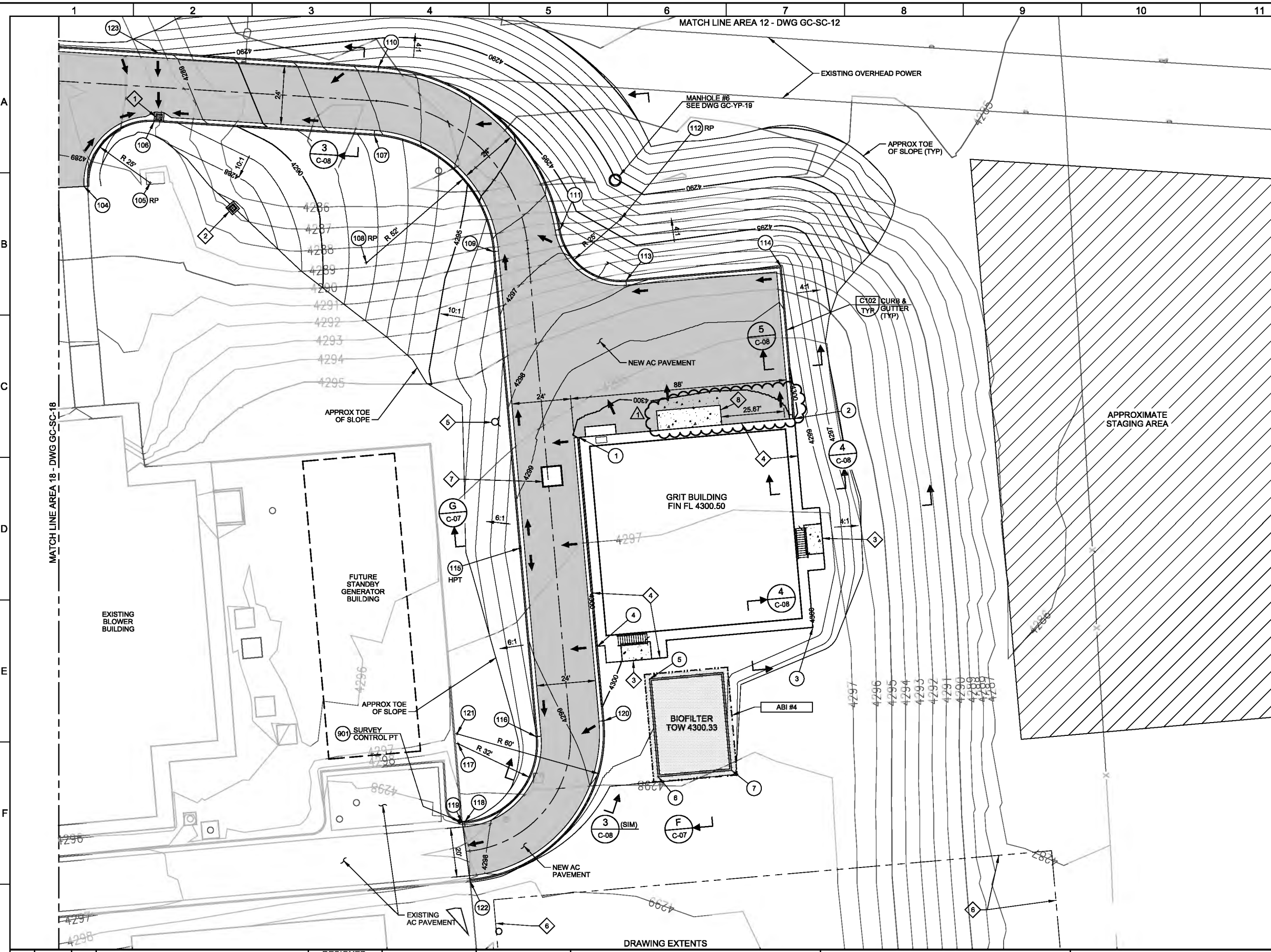


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SCALE: 1" = 20'

KEY NOTES:

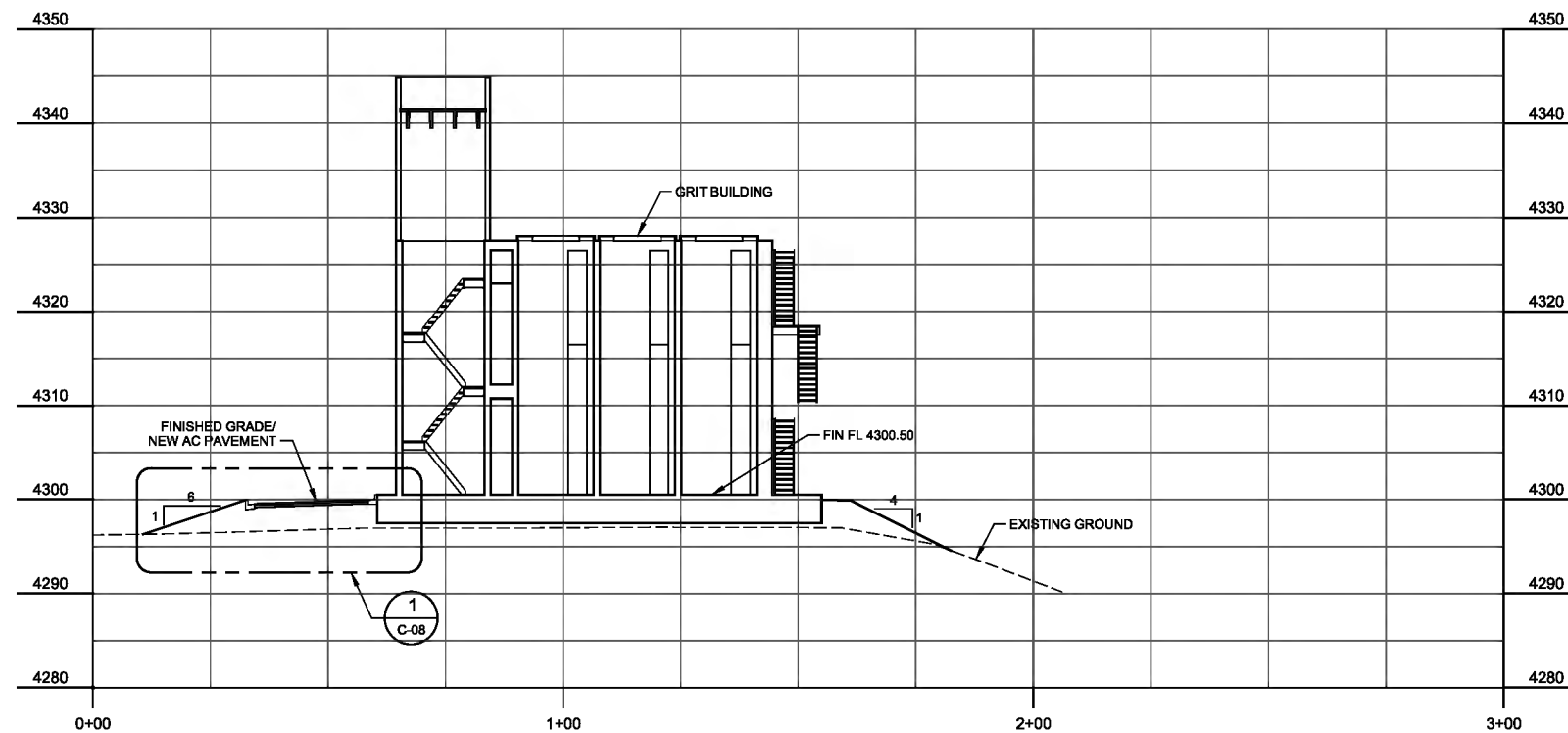
- 1 CATCH BASIN PER DETAIL C002/TYP. TOP OF GRATING 4288.19. SEE DWG GC-YP-19.
- 2 CATCH BASIN PER DETAIL C002/TYP. TOP OF GRATING 4286.70. SEE DWG GC-YP-19.
- 3 7.0' WIDE SIDEWALK PER DETAIL 6/C-08.
- 4 GRIT BUILDING FOUNDATION.
- 5 UTILITY WATER HYDRANT. SEE DRAWING GC-YP-19.
- 6 AREA WHERE CONTRACTOR IS NOT TO DISTURB ANY LANDSCAPING OR IRRIGATION.
- 7 ELECTRICAL MANHOLE. SEE DRAWING GC-YP-19 AND ELECTRICAL DRAWINGS.
- 8 CONCRETE PAD AT OPENINGS FOR DUMPSTERS. 26" x 8" x 8 INCH THICK CONCRETE PAD; #5 @ 8" OC EW.

DENOTES ITEMS THAT ARE PART OF ALTERNATE BID ITEMS

9	10	11	12
16	17	18	19
23	24	25	26
	29	30	31

KEY MAP

<table><tr><td>DESIGNED</td><td>RWB</td></tr><tr><td>DRAWN</td><td>TSD</td></tr><tr><td>CHECKED</td><td>LHA</td></tr><tr><td>DATE</td><td>MARCH 2019</td></tr></table>				DESIGNED	RWB	DRAWN	TSD	CHECKED	LHA	DATE	MARCH 2019	ORIGINAL SEALED BY RYAN W. BENCH 03/04/2019 UT 10171598-2202		ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202				 7495 South 1300 West West Jordan, Utah 84084		SOUTH VALLEY WATER RECLAMATION FACILITY PROJECT 5 CIVIL PAVING AND GRADING PLAN AREA 19				VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		JOB NO. 10548A.10 DRAWING NO. GC-SC-19 SHEET NO. 18 OF 159	
DESIGNED	RWB																										
DRAWN	TSD																										
CHECKED	LHA																										
DATE	MARCH 2019																										
<table><tr><td>REV</td><td>DATE</td><td>BY</td><td>DESCRIPTION</td></tr><tr><td>1</td><td>3-26-19</td><td>BDJ</td><td>ADDENDUM NO. 2</td></tr></table>				REV	DATE	BY	DESCRIPTION	1	3-26-19	BDJ	ADDENDUM NO. 2																
REV	DATE	BY	DESCRIPTION																								
1	3-26-19	BDJ	ADDENDUM NO. 2																								



G SECTION
GC-SC-19 SCALE: 1" = 20'
FILE: 10548A1000C302

[illegible]

DESIGNED RWB
DRAWN TSD
CHECKED LHA
DATE MARCH 2019

ORIGINAL
SEALED BY
RYAN W. BENCH
03/04/2019
UT 10171598-2202

ORIGINAL
SEALED BY
BRAD D. JEPSON
03/04/2019
UT 4775621-2202



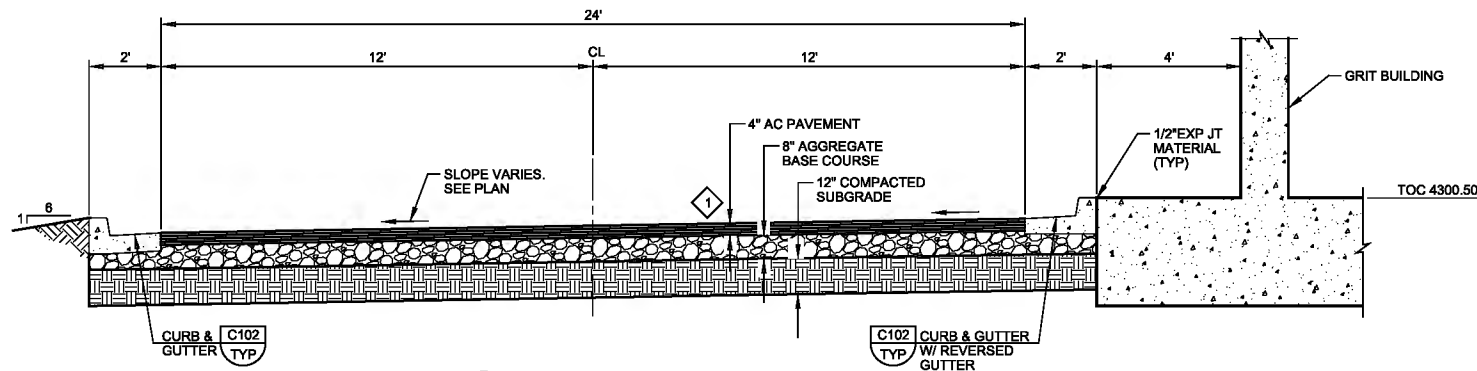
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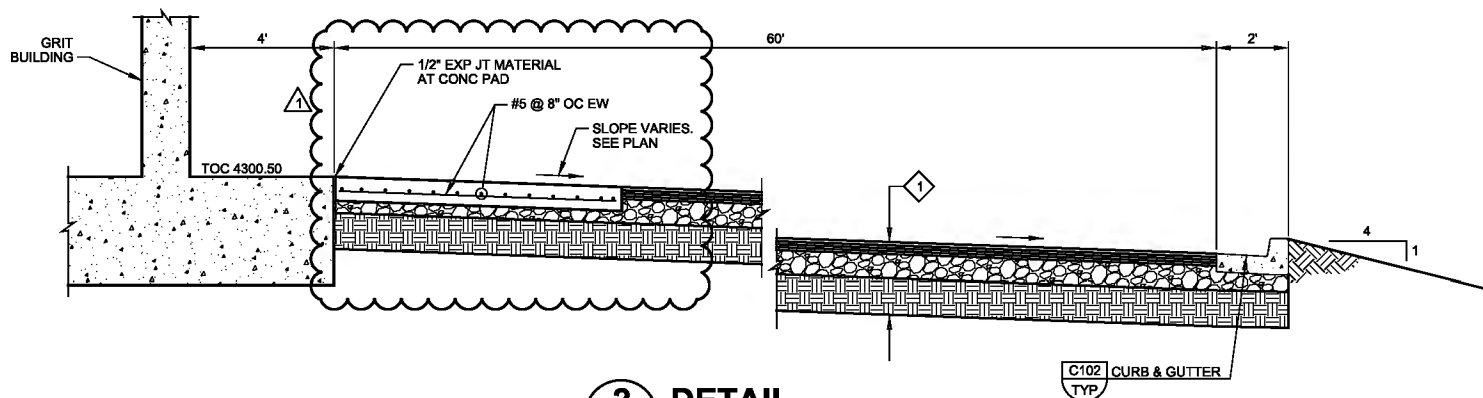
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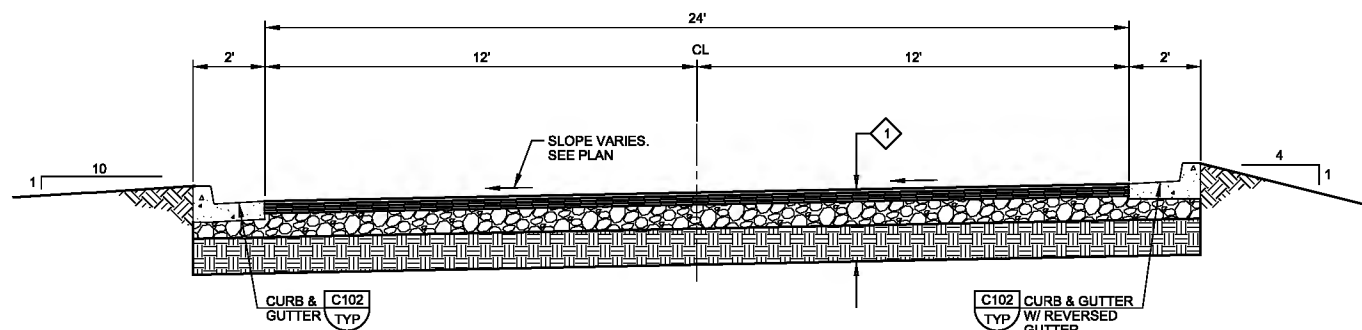
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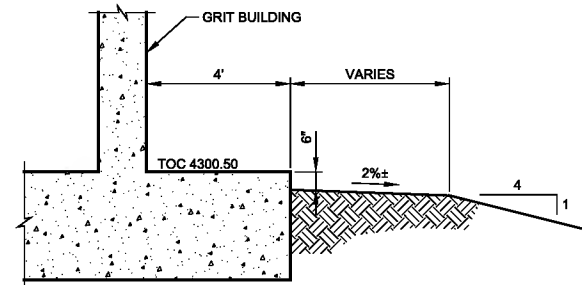
1 DETAIL
C-07 SCALE: NTS
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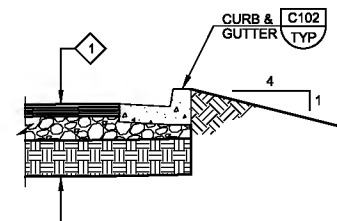
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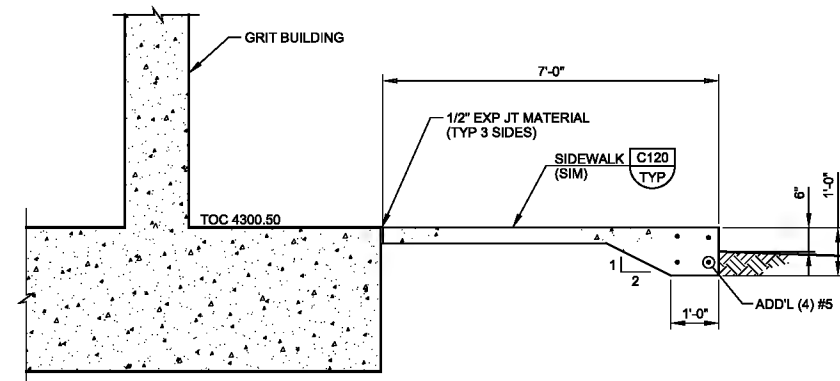
3 SECTION
GC-SC-19 SCALE: NTS
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4 SECTION
GC-SC-19 SCALE: NTS
FILE: 10548A1000C302



5 SECTION
GC-SC-19 SCALE: NTS
FILE: 10548A1000C302



6 SECTION
GC-SC-19 SCALE: NTS
FILE: 10548A1000C302

KEY NOTES:

- 1 AC PAVEMENT SECTION THE SAME FOR ALL LOCATIONS: 4" AC PAVEMENT ON 8" AGGREGATE BASE COURSE ON 12" COMPACTED SUBGRADE.

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED RWB	ORIGINAL SEALED BY RYAN W. BENCH 03/04/2019 UT 10171598-2202	ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202
DRAWN TSD		
CHECKED LHA		
DATE MARCH 2019		

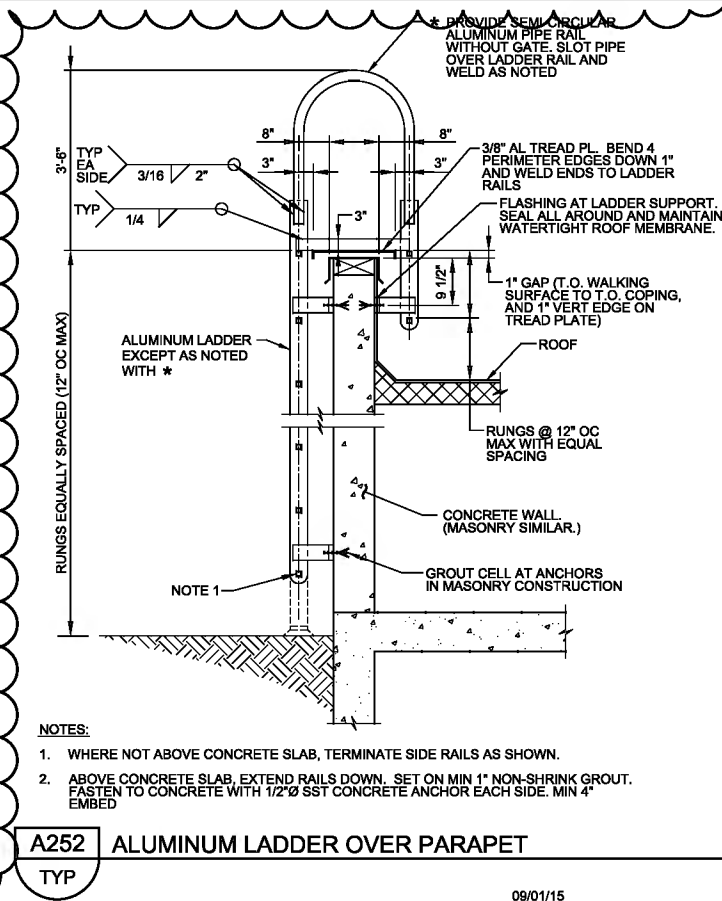
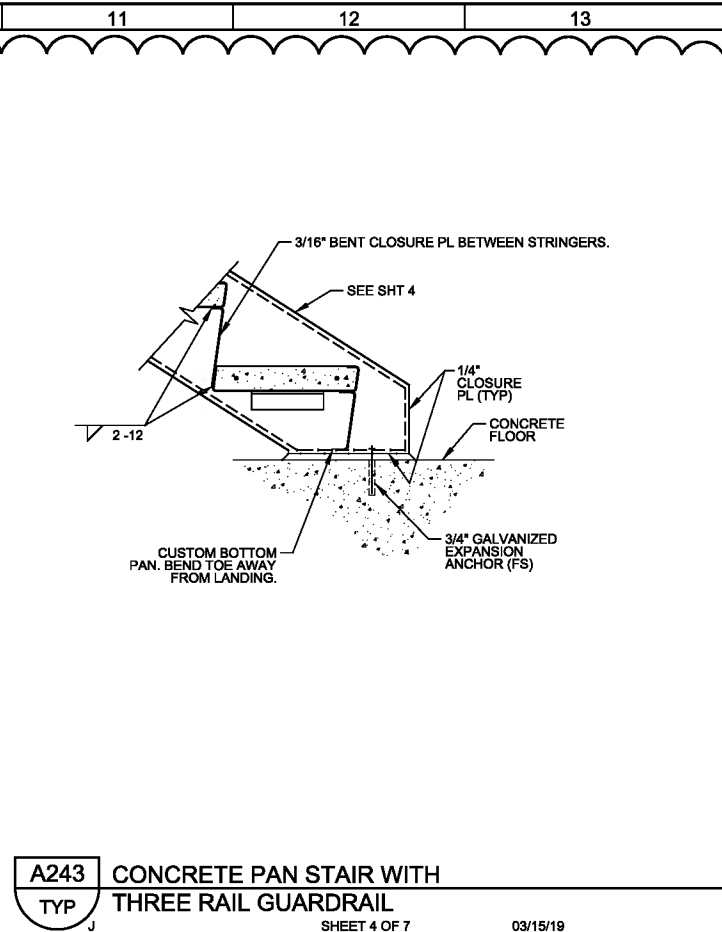
carollo

SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
CIVIL
SITE SECTIONS 2

VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

JOB NO.
10548A.10
DRAWING NO.
C-08
SHEET NO.
34 OF 159



VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 10548A.10
	DRAWING NO. GA-05A
	SHEET NO. 55A OF 159

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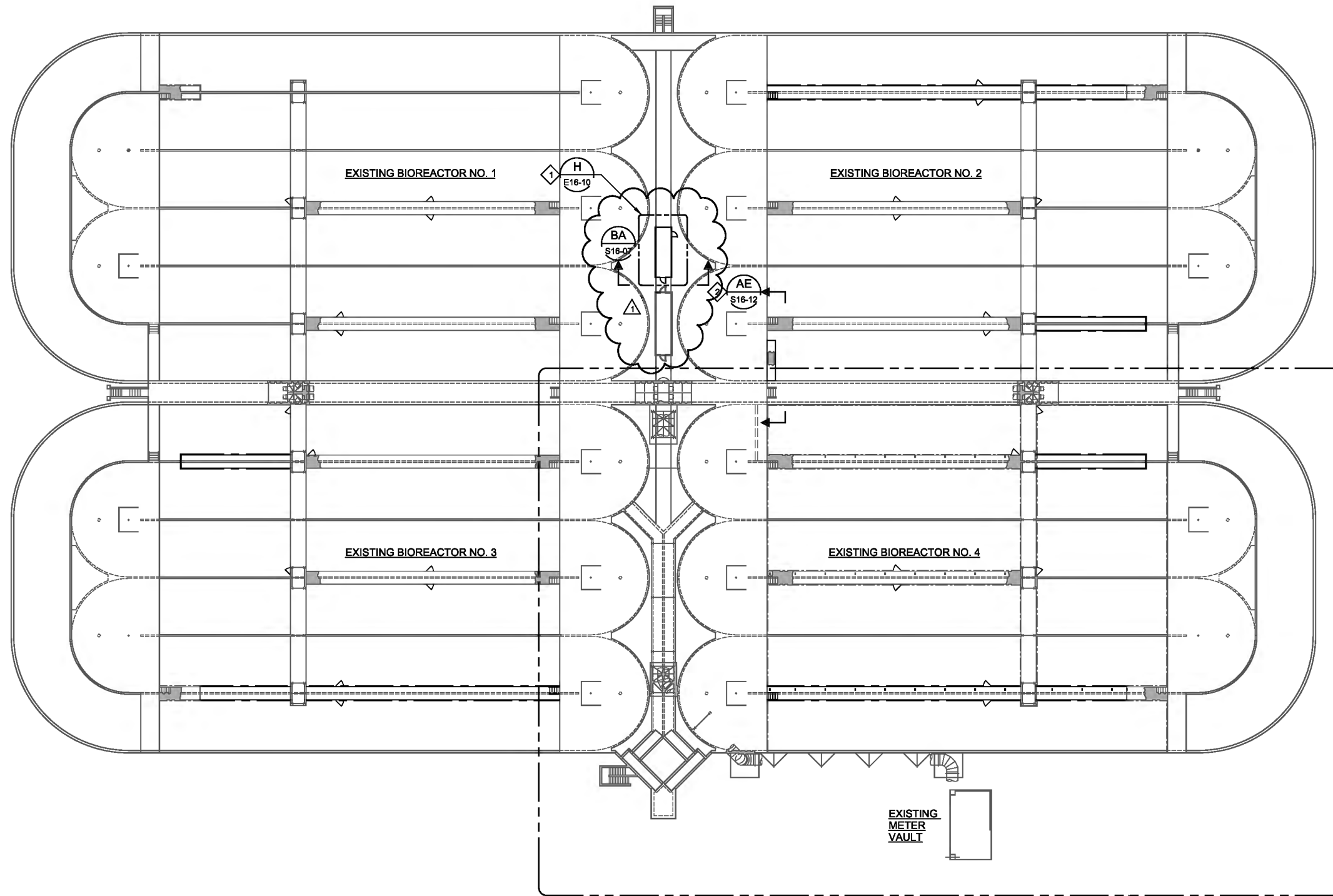


GENERAL NOTES:

1. SEE GS -01 FOR GENERAL STRUCTURAL NOTES.
2. ALL IMPROVEMENTS NOTED HERE SHALL BE REQUIRED ON BIOREACTORS 2 THROUGH 4, UNLESS NOTED OTHERWISE.

KEY NOTES:

- 1 SEE SPECIFICATION SECTION 16920 FOR BIOREACTOR MCC POWER CENTER STRUCTURAL DESIGN CRITERIA.
- 2 NEW PLATFORM IN BIOREACTOR 2 ONLY.



A OVERALL PLAN
SCALE: 1/32" = 1'-0"
FILE: 10548A10_16S102

B LOWER PLAN
S16-02

C UPPER PLAN
S16-03

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED DCB	** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **
DRAWN TLR	
CHECKED DJ	
DATE MARCH 2019	

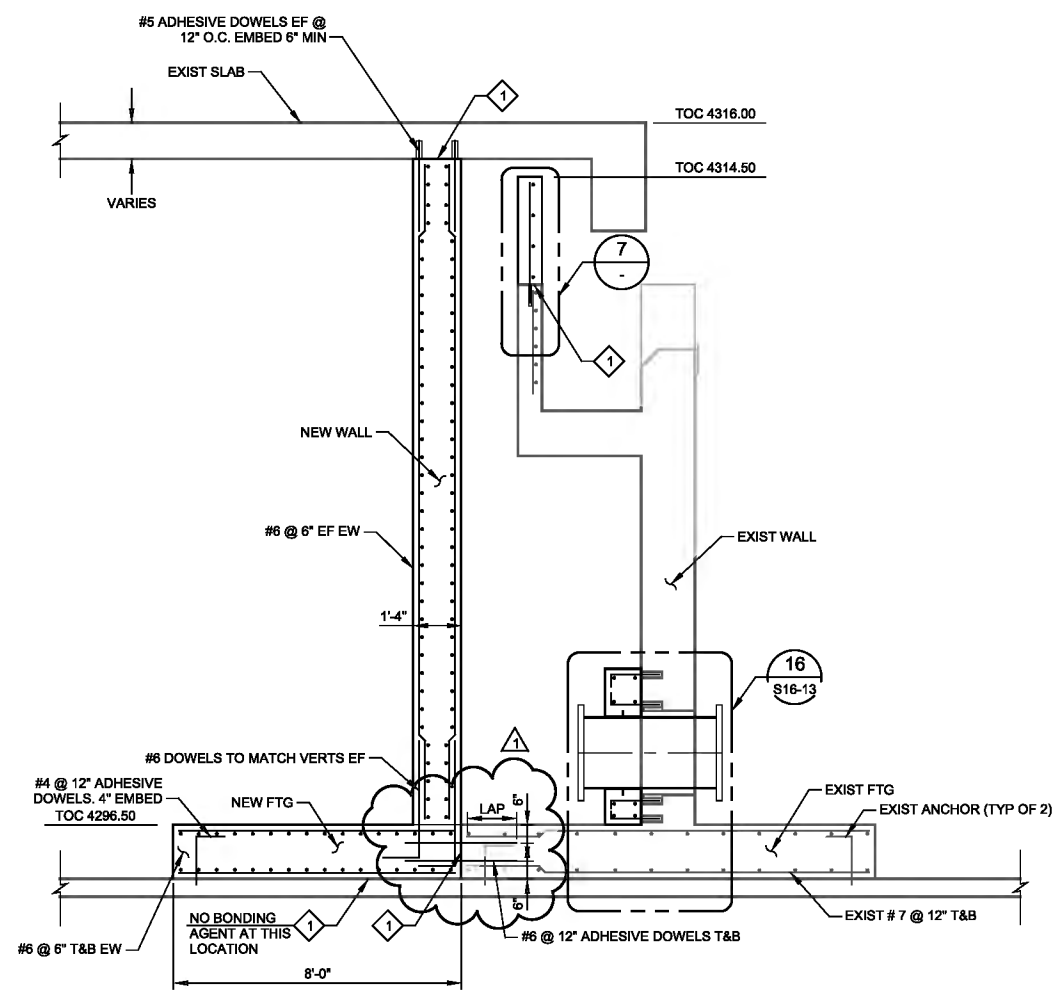


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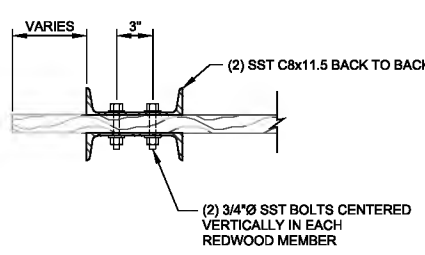
SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
STRUCTURAL
BIOREACTORS 2-4
OVERALL PLAN

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 10548A.10 DRAWING NO. S16-01 SHEET NO. 74 OF 159
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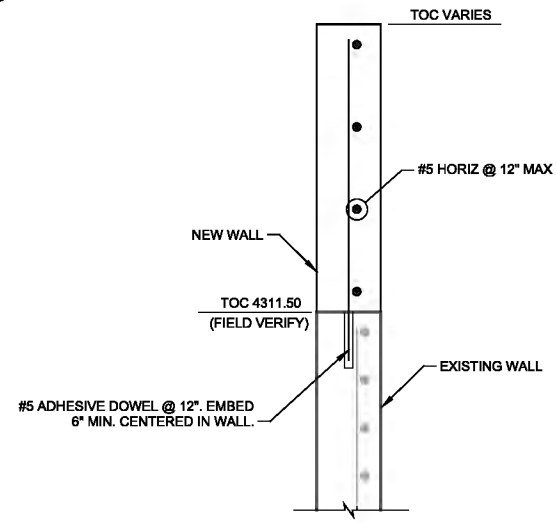
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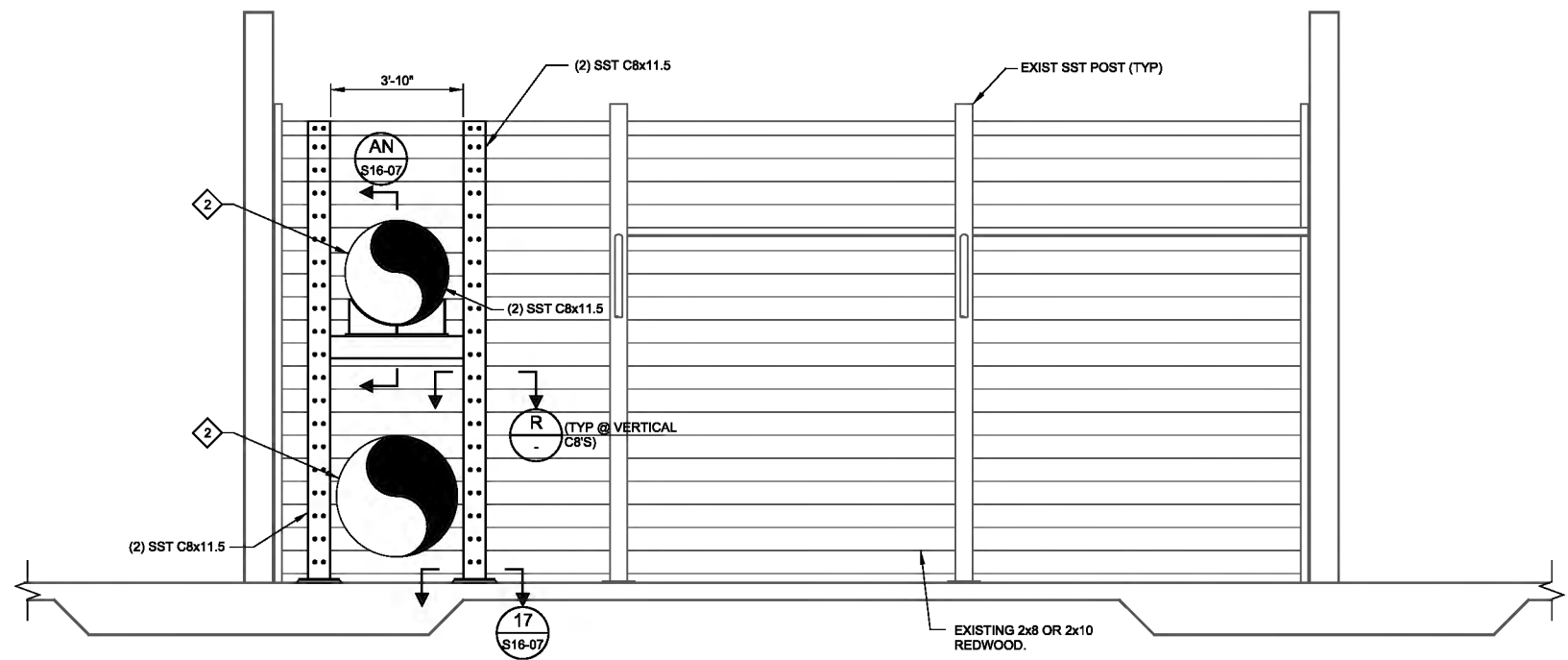
H SECTION AT BIOREACTORS 1, 3, AND 4
S16-05 SCALE: 3/8" = 1'-0"
FILE: 10548A10S16305



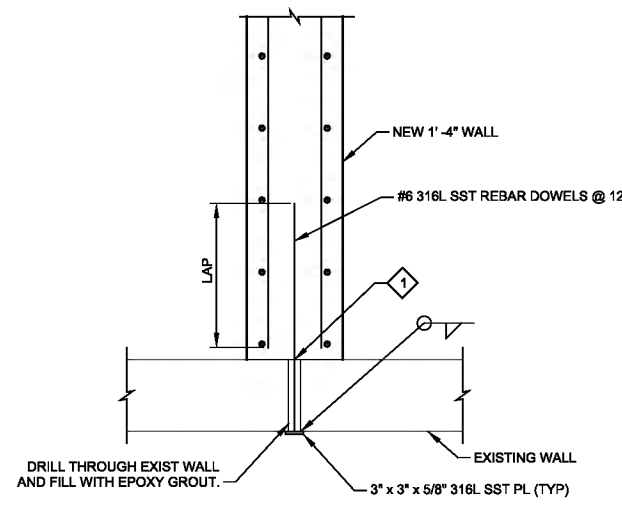
R SECTION
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FILE: 10548A10_16S-306



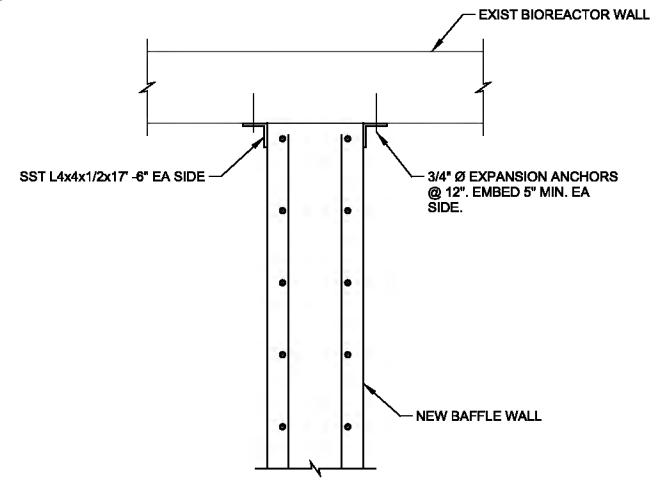
7 DETAIL
SCALE: 1" = 1'-0"
FILE: 10548A10_16S-305



J SECTION
S16-02 SCALE: 3/8" = 1'-0"
FILE: 10548A10_16S-306



9 DETAIL
S16-05 SCALE: 3/4" = 1'-0"
FILE: 10548A10S16307



15 DETAIL
S16-05 SCALE: 3/4" = 1'-0"
FILE: 10548A10S16307

- GENERAL NOTES:**
- SEE DEMOLITION PLANS FOR DEMOLITION WORK.
 - COORDINATE PIPE LOCATIONS WITH MECHANICAL DRAWINGS.
- KEY NOTES:**
- 1 ROUGHEN SURFACE TO 1/4" AMPLITUDE. WATERBLAST CLEAN AND APPLY BONDING AGENT.
 - 2 MAX 1" GAP AROUND PIPES AND PIPE SUPPORTS

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

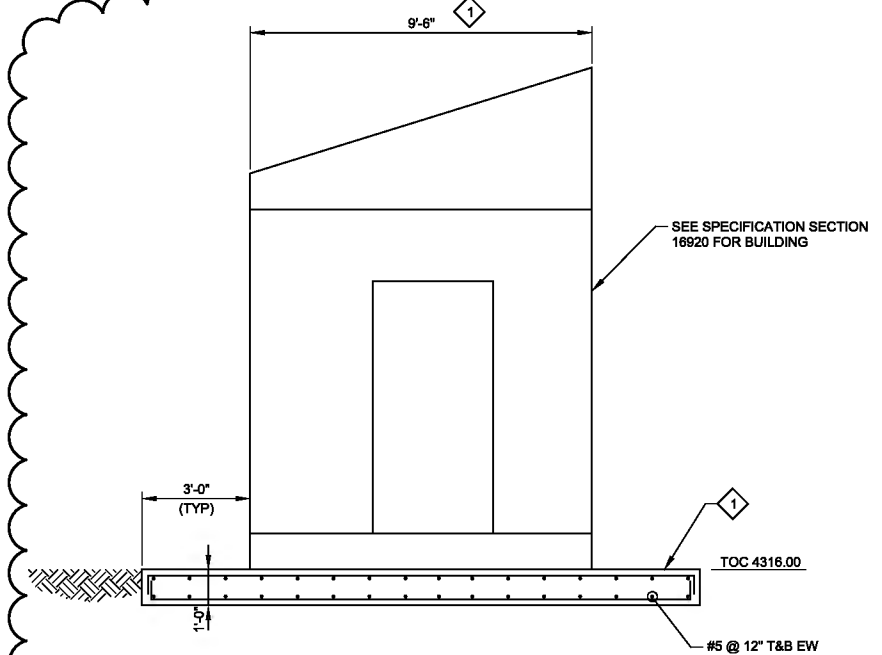
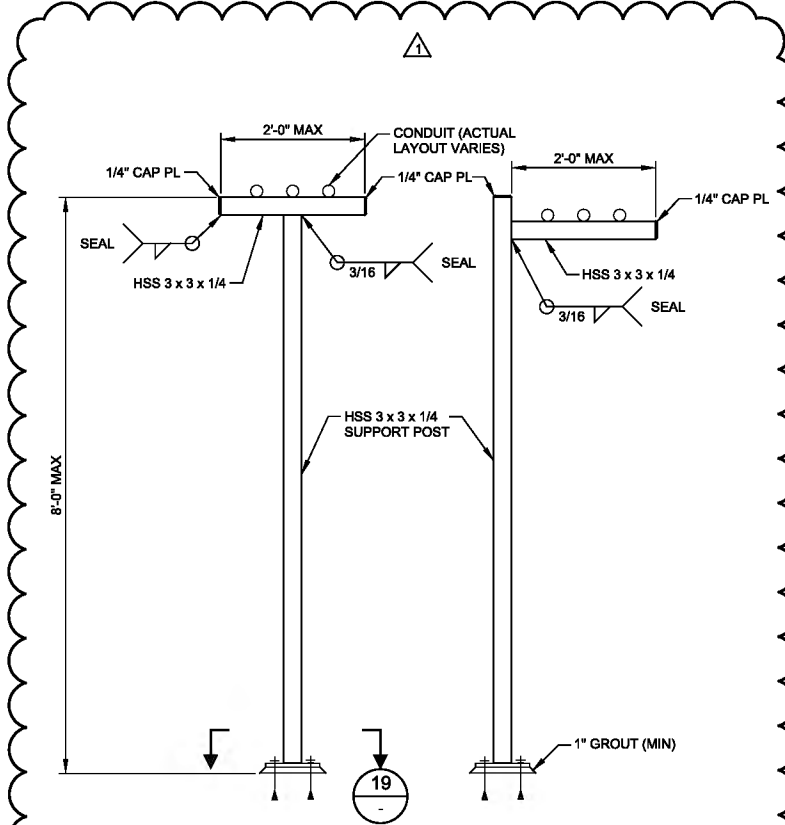
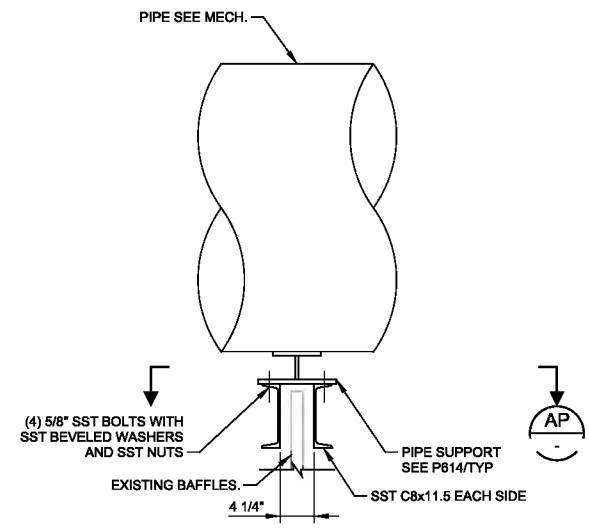
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DRAWN KHB	
CHECKED DJ	
DATE MARCH 2019	



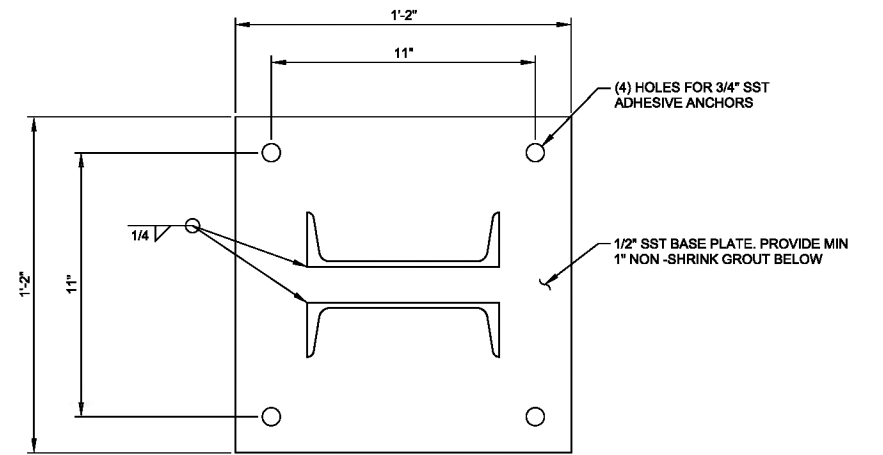
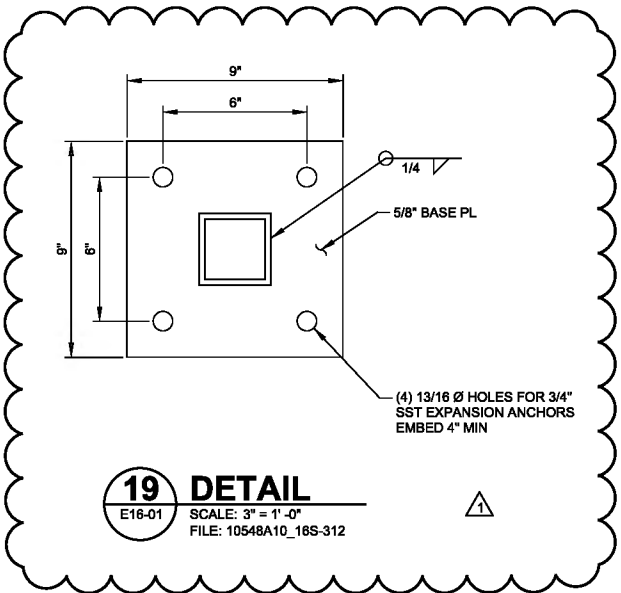
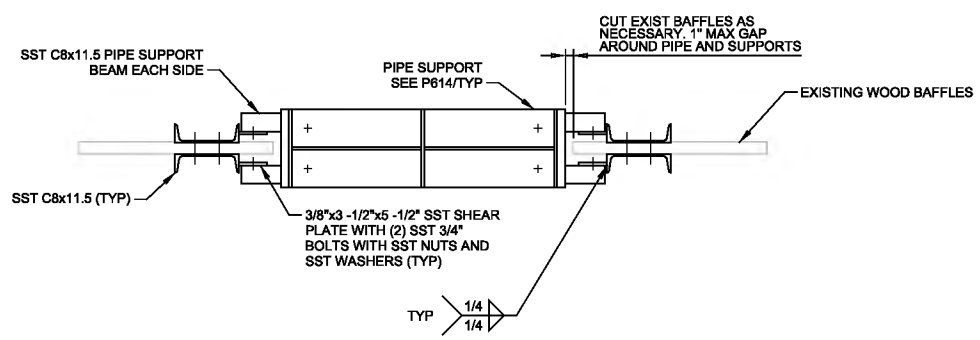
SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES	JOB NO. 10548A.10
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. S16-06
STRUCTURAL		0 1"	SHEET NO.
BIOREACTORS		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	79 OF 159
SECTIONS AND DETAILS 2			

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Model: Layout1
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PlotScale: 2:1
LAST SAVED BY: dscheale



KEY NOTES:
1 CONTRACTOR COORDINATE AND VERIFY SLAB AND BUILDING DIMENSIONS AND REINFORCEMENT WITH BUILDING SUPPLIER AND EQUIPMENT MANUFACTURERS.



REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED DCB	** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **
DRAWN DCS	
CHECKED DJ	
DATE MARCH 2019	



SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

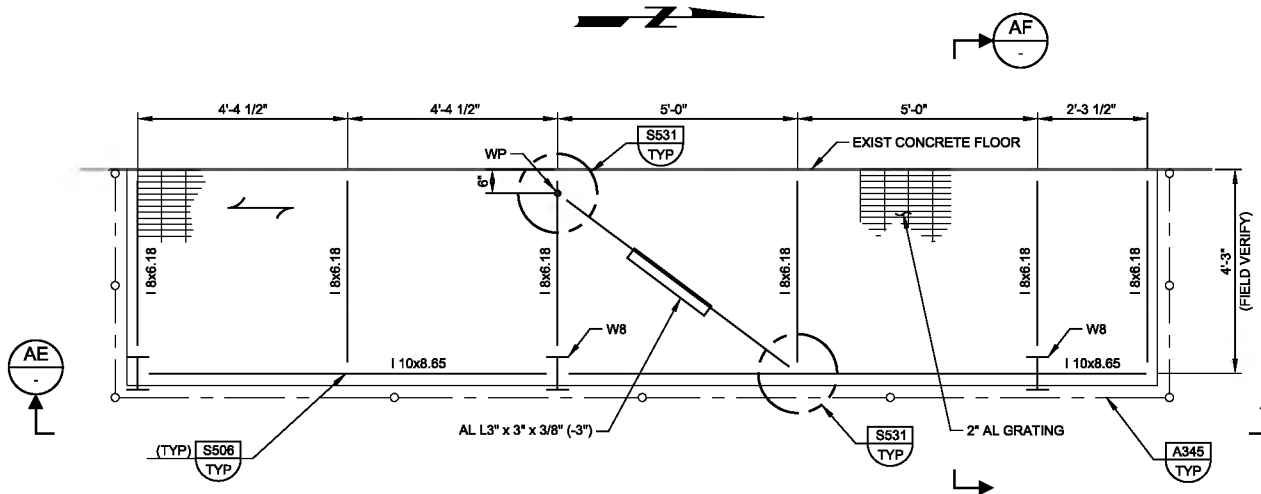
SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES	JOB NO. 10548A.10
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STRUCTURAL		0 1"	SHEET NO.
BIOREACTORS		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	80 OF 159
SECTIONS AND DETAILS 3			

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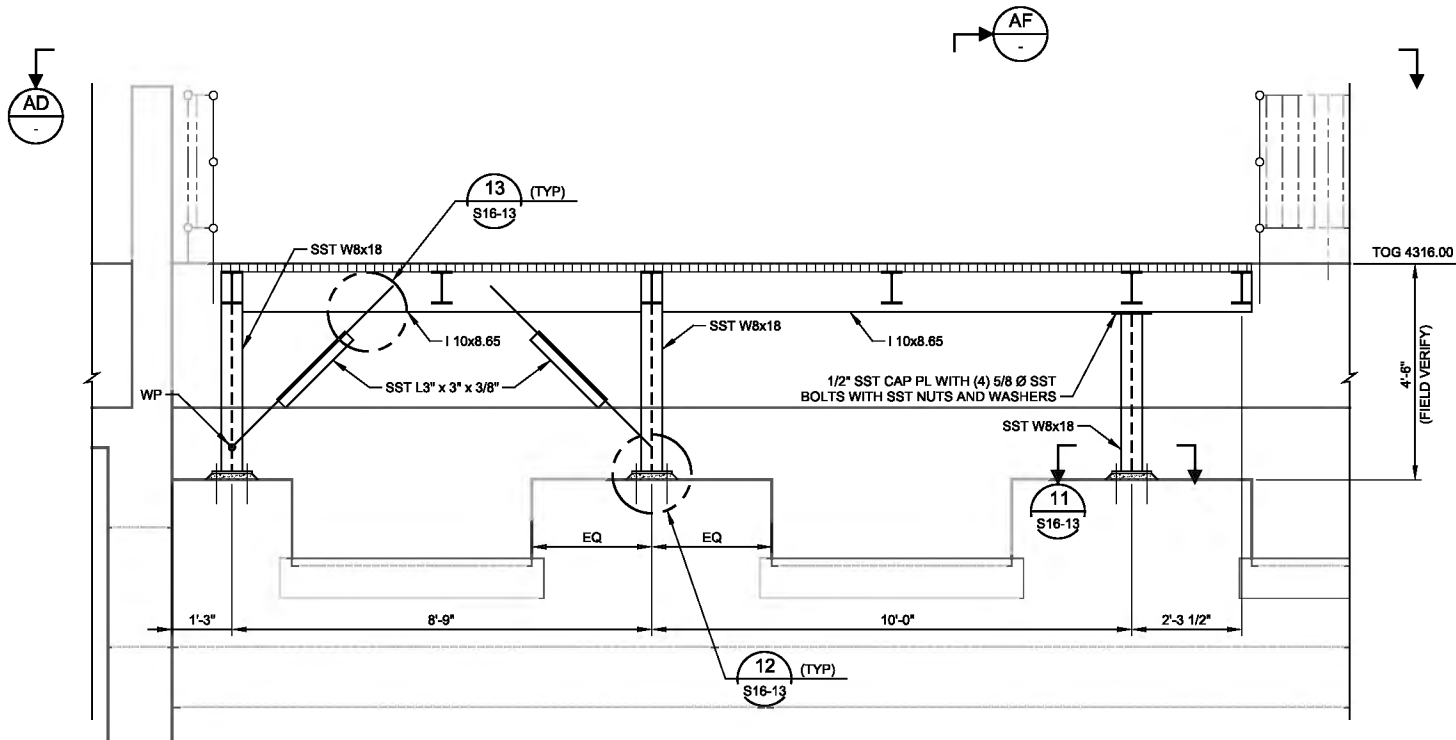
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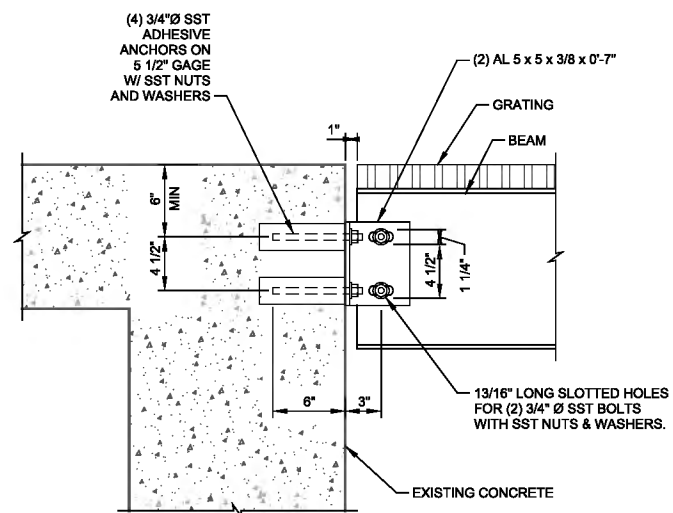
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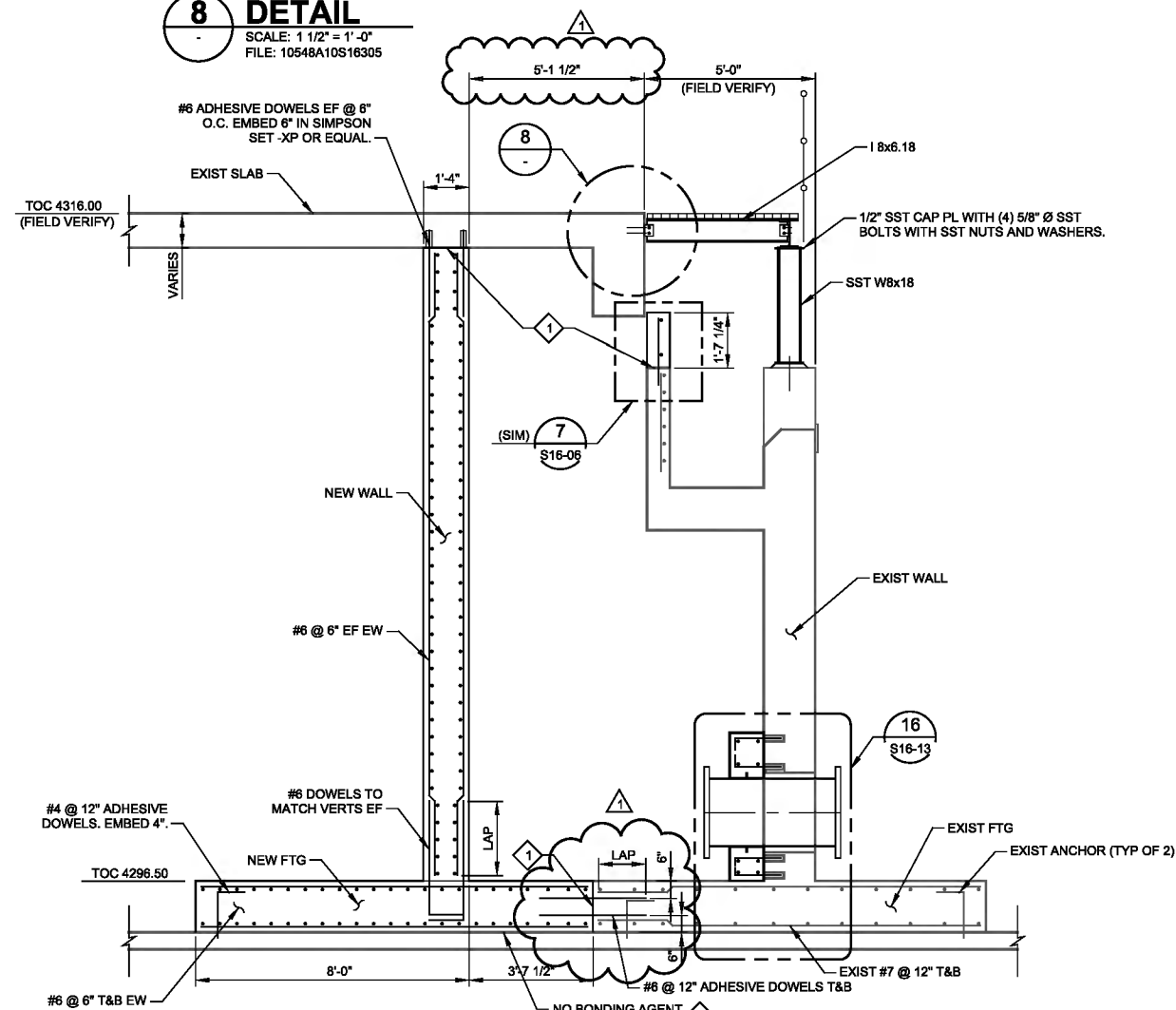
AD NEW PLATFORM PLAN
SCALE: 1/2" = 1'-0"
FILE: 10548A10S16304



AE SECTION
S16-01 SCALE: 1/2" = 1'-0"
FILE: 10548A10S16304



8 DETAIL
SCALE: 1 1/2" = 1'-0"
FILE: 10548A10S16305



AF SECTION AT BIOREACTOR 2
SCALE: 3/8" = 1'-0"
FILE: 10548A10S16305

KEY NOTES:

- 1 ROUGHEN SURFACE TO 1/4" AMPLITUDE. WATERBLAST CLEAN AND APPLY BONDING AGENT.

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED DCB	ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203
DRAWN DCS	
CHECKED DJ	
DATE MARCH 2019	

carollo

SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY

PROJECT 5

STRUCTURAL

**BIOREACTORS
SECTIONS AND DETAILS 8**

VERIFY SCALES

BAR IS ONE INCH ON
ORIGINAL DRAWING

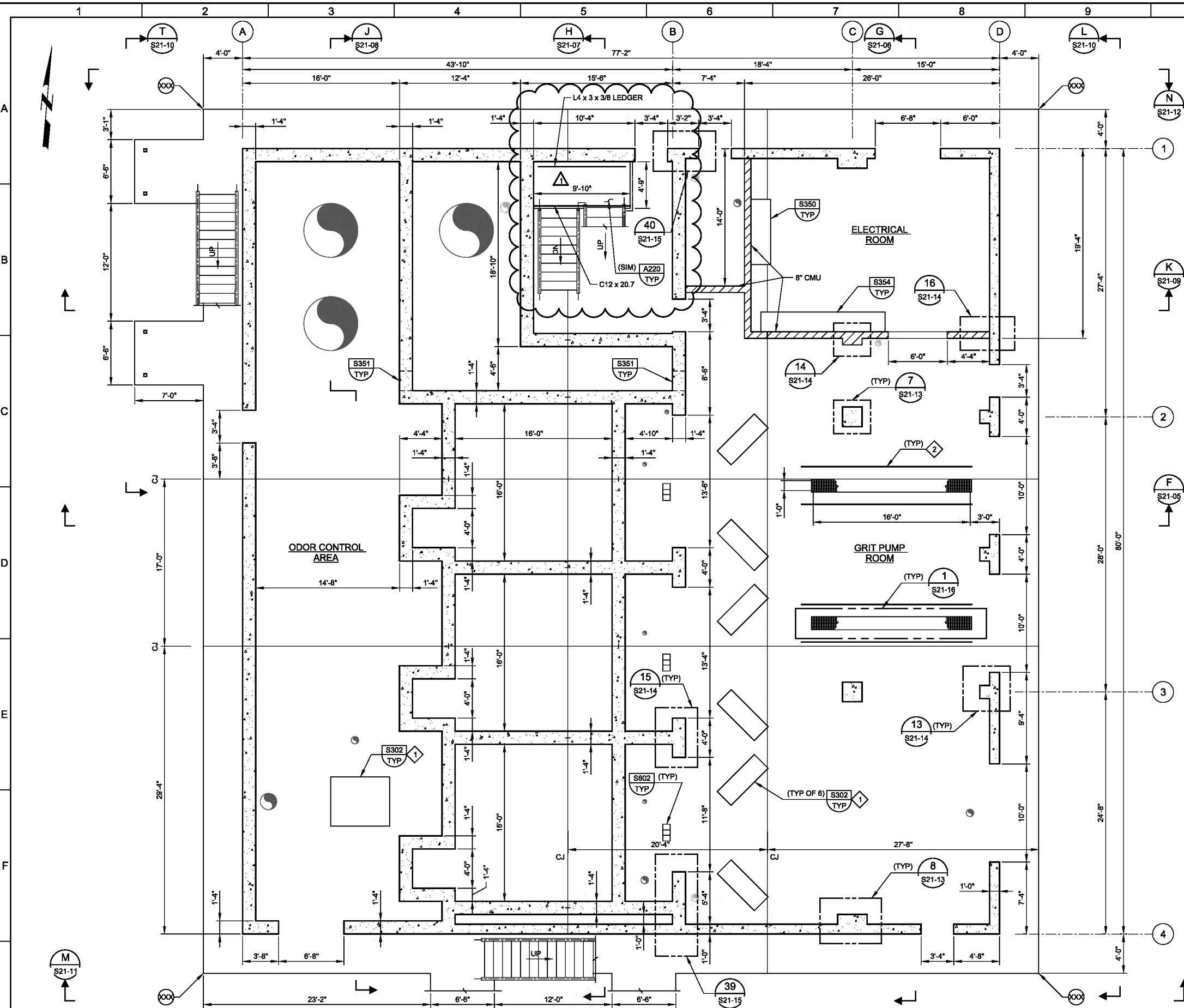
IF NOT ONE INCH ON
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SCALES ACCORDINGLY

JOB NO.
10548A.10

DRAWING NO.
S16-12

SHEET NO.
85 OF 159

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LAST SAVED BY: dsachele



- GENERAL NOTES:**
1. ALL GRIDLINES ARE AT THE CENTERLINES OF INTERIOR WALLS AND THE OUTSIDE FACES OF EXTERIOR WALLS.
 2. COORDINATE PIPE PENETRATIONS WITH MECHANICAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR PIPE AND CONDUIT PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 3. (XXX) INDICATES STRUCTURE COORDINATE LOCATION. SEE CIVIL DRAWINGS FOR COORDINATES.
 4. SEE DRAWING GS-01 FOR STRUCTURAL ABBREVIATIONS. SEE DRAWING G-01 FOR GENERAL ABBREVIATIONS.
 5. CJ = CONSTRUCTION JOINT PER DETAIL S110/TYP.

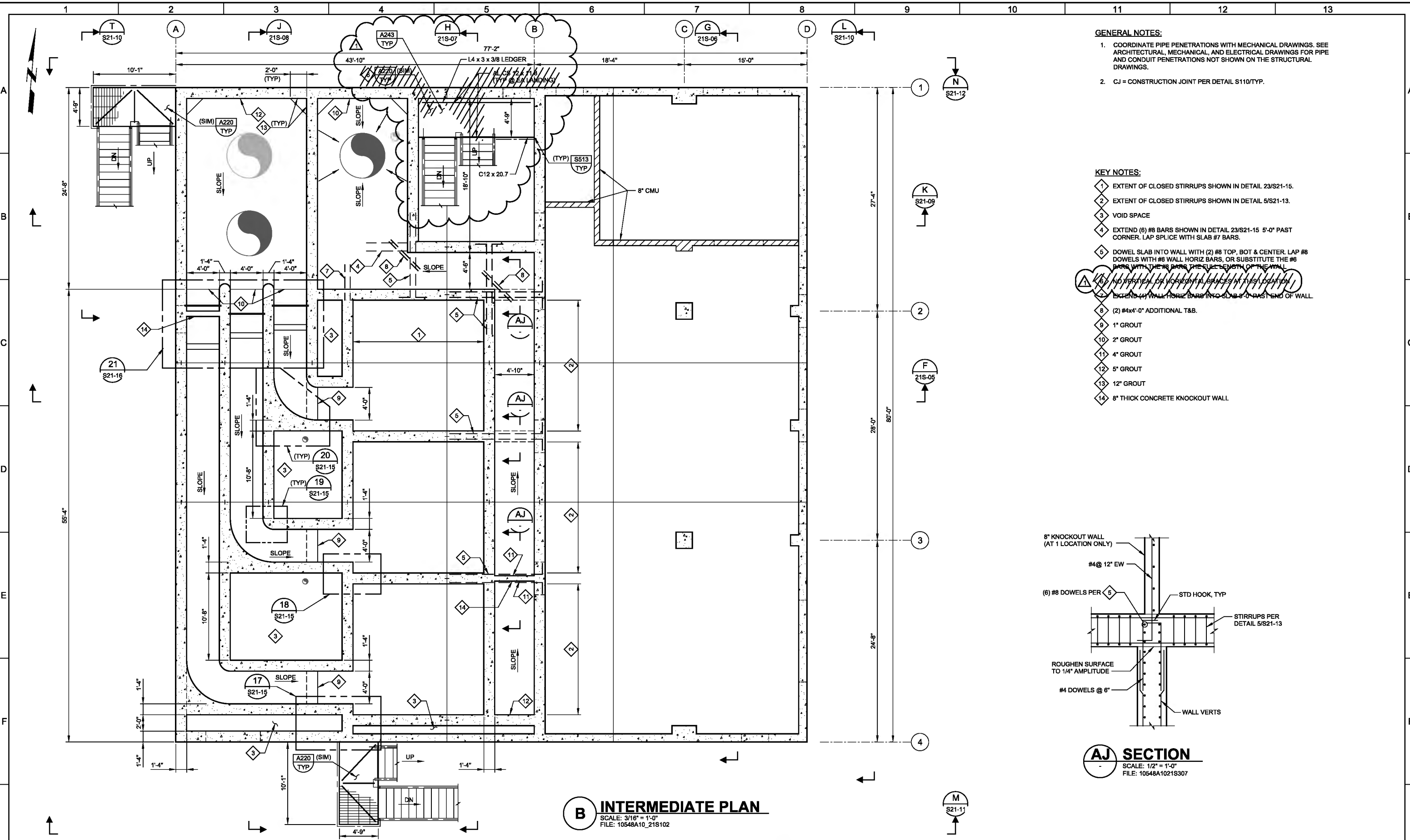
- KEY NOTES:**
1. COORDINATE SIZE AND LOCATION OF EQUIPMENT BASE WITH MECHANICAL EQUIPMENT.
 2. CONTRACTOR SHALL SUPPLY TAPERED GUIDES FOR BINS. COORDINATE WITH OWNER.

- STRUCTURAL DESIGN CRITERIA:**
- REFER TO GS-01 FOR GENERAL STRUCTURAL DESIGN CRITERIA. THE FOLLOWING ARE BUILDING SPECIFIC CRITERIA:
1. **LIVE LOADS:**
 - A. CONCRETE FLOORS: 100 PSF
 - B. GRATING: 100 PSF
 - C. ROOF LIVE LOAD: 20 PSF
 2. **SNOW LOADS:**
 - A. ROOF:
 - 1. UNIFORM SNOW LOAD: 33 PSF
 - 2. MAXIMUM DRIFT SURCHARGE: 17 PSF
 - 3. DRIFT WIDTH: 7 FT
 - B. EXTERIOR DECK:
 - 1. UNIFORM SNOW LOAD: 40 PSF
 - 2. MAXIMUM DRIFT SURCHARGE: 43.5 PSF
 - 3. DRIFT WIDTH: 9 FT
 3. **EQUIPMENT LOADS:**
 - A. MAXIMUM FORKLIFT WHEEL LOAD: 5,000 LB
 - B. GRIT WASHER LOAD (FULL): 10,000 LB EACH
 4. **WIND DESIGN DATA:**
 - A. RISK CATEGORY: III
 - B. ENCLOSED STRUCTURE
 5. **EARTHQUAKE DESIGN DATA:**
 - A. BASIC SEISMIC FORCE RESISTING SYSTEM:
 - 1. FLAT-BOTTOM GROUND-SUPPORTED TANK, REINFORCED CONCRETE, REINFORCED NON-SLIDING BASE.
 - 2. RESPONSE MODIFICATION COEFFICIENT, R: 2.0
 - 3. OVERSTRENGTH FACTOR: 2.0
 - 4. DEFLECTION AMPLIFICATION FACTOR: 2.0
 - 5. DESIGN BASE SHEAR COEFFICIENT: 0.074 (STRENGTH)
 - 6. DESIGN BASE SHEAR: 3527 KIP
 6. **FOUNDATION DESIGN DATA:**
 - A. NET ALLOWABLE BEARING PRESSURE: 3,500 PSF
 - B. ALLOWABLE INCREASE FOR TEMPORARY LOADING: 33%
 - C. MODULUS OF SUBGRADE REACTION: 5 - 20 PCI
 - D. ESTIMATED SETTLEMENT: 1.5 IN

A BOTTOM PLAN
SCALE: 3/16" = 1'-0"
FILE: 10548A10_21S101

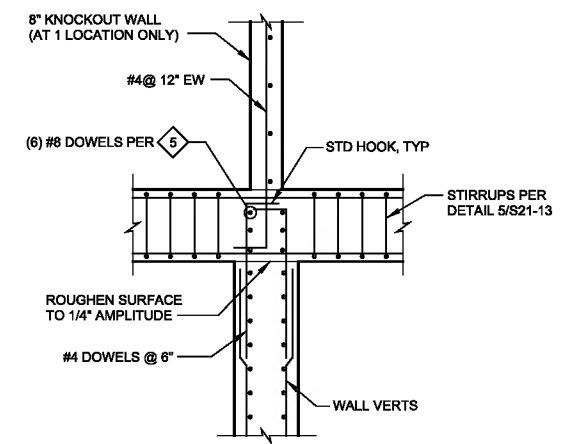
DESIGNED DCB DRAWN JRL CHECKED GLS DATE MARCH 2019				** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **		carollo		SV South Valley WATER RECLAMATION FACILITY 7495 South 1300 West West Jordan, Utah 84084		SOUTH VALLEY WATER RECLAMATION FACILITY PROJECT 5 STRUCTURAL GRIT HANDLING FACILITY BOTTOM PLAN				VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		JOB NO. 10548A.10 DRAWING NO. S21-01 SHEET NO. 87 OF 159	
PROJECT NO. 10548A10 FILE NAME: 10548A10S2101.dgn																	

Plot Date: 26-MAR-2019 2:02:16 PM
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LAST SAVED BY: dscheale



- GENERAL NOTES:**
- COORDINATE PIPE PENETRATIONS WITH MECHANICAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR PIPE AND CONDUIT PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - CJ = CONSTRUCTION JOINT PER DETAIL S110/TYP.

- KEY NOTES:**
- EXTENT OF CLOSED STIRRUPS SHOWN IN DETAIL 23/S21-15.
 - EXTENT OF CLOSED STIRRUPS SHOWN IN DETAIL 5/S21-13.
 - VOID SPACE
 - EXTEND (6) #8 BARS SHOWN IN DETAIL 23/S21-15 5'-0" PAST CORNER. LAP SPLICE WITH SLAB #7 BARS.
 - DOWEL SLAB INTO WALL WITH (2) #8 TOP, BOT & CENTER. LAP #8 DOWELS WITH #8 WALL HORIZ BARS, OR SUBSTITUTE THE #8 BARS WITH THE #6 BARS THE FULL LENGTH OF THE WALL.
 - NO VERTICAL OR HORIZONTAL BRACES AT THIS LOCATION.
 - EXTEND (4) WALL HORIZ BARS INTO SLAB 3'-0" PAST END OF WALL.
 - (2) #4x4'-0" ADDITIONAL T&B.
 - 1" GROUT
 - 2" GROUT
 - 4" GROUT
 - 5" GROUT
 - 12" GROUT
 - 8" THICK CONCRETE KNOCKOUT WALL.

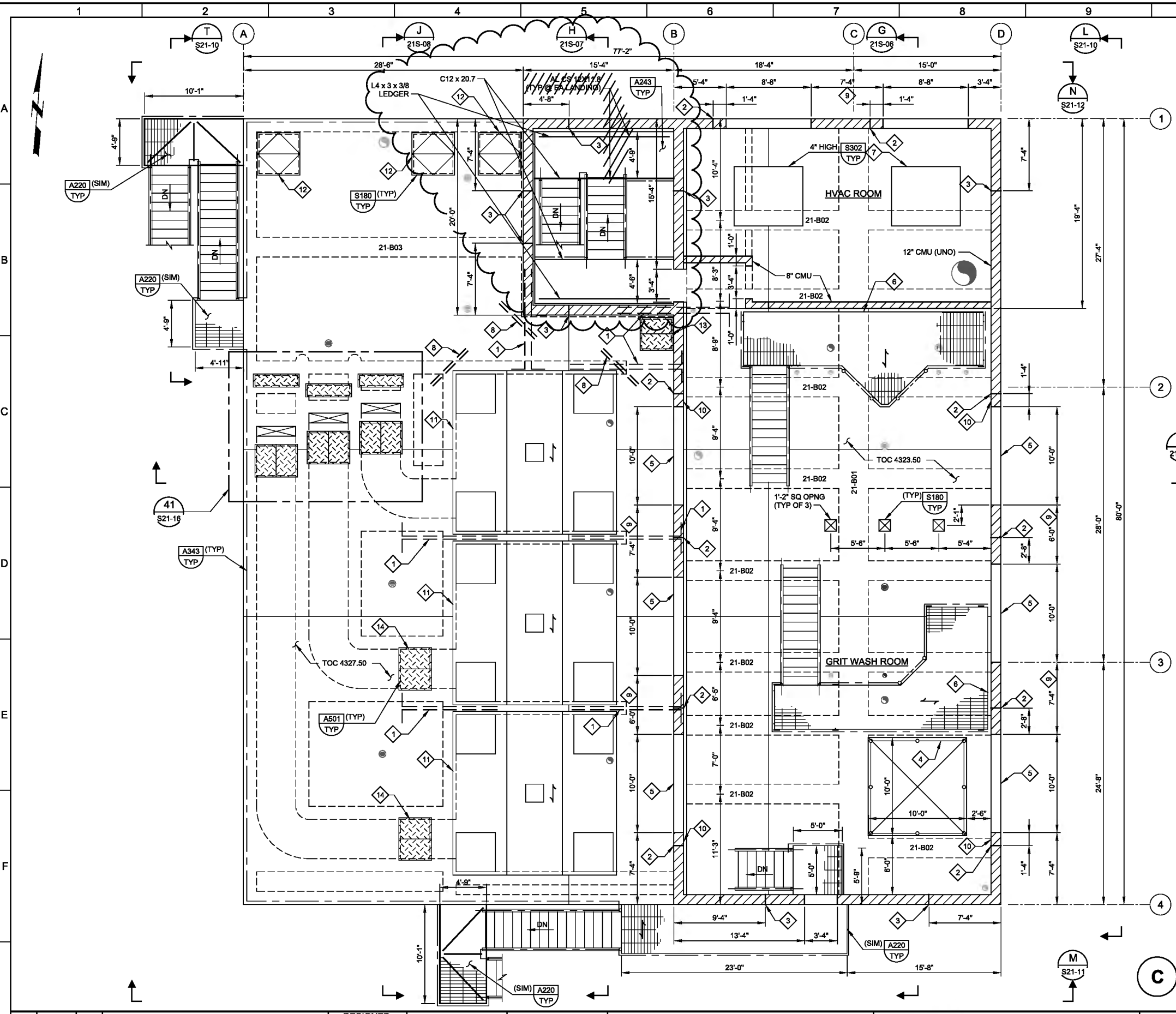


AJ SECTION
SCALE: 1/2" = 1'-0"
FILE: 10548A1021S307

B INTERMEDIATE PLAN
SCALE: 3/16" = 1'-0"
FILE: 10548A10_21S102

DESIGNED DCB				ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203				PROJECT NO. 10548A10				FILE NAME: 10548A10S2102.dgn			
DRAWN JRL															
CHECKED GLS															
DATE MARCH 2019															
ADDENDUM NO. 2															
DESCRIPTION															
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Plot Date: 26-MAR-2019 2:08:07 PM
User: svcpw
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 2:1
LAST SAVED BY: dscheale



- GENERAL NOTES:**
- COORDINATE PIPE PENETRATIONS WITH MECHANICAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR PIPE AND CONDUIT PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - SEE DWG S21-01 FOR LOCATIONS OF CONSTRUCTION JOINTS IN CONCRETE WALLS AND SLABS.
 - 21-Bxx INDICATES CONCRETE BEAM. SEE DWG S21-19 AND S21-20.

- KEY NOTES:**
- DOWEL SLAB INTO WALL WITH (2) #6 TOP & BOT. LAP #6 DOWELS WITH WALL HORIZ BARS.
 - MASONRY CONTROL JOINT PER DETAIL S433/TYP.
 - MASONRY CONTROL JOINT PER DETAIL S430/TYP.
 - REMOVEABLE SIDEMOUNTED HANDRAIL PER DETAIL A343/TYP.
 - LINTEL PER DETAIL S410/TYP. SUBSTITUTE H = 24" AND R = 2-#6.
 - CONTRACTOR TO COORDINATE EDGE OF GRATING LOCATION WITHIN 1" OF ARCHITECTURAL WALL FINISH.
 - 4" PAD.
 - (2) #4x4'-0" ADDITIONAL T&B.
 - PROVIDE #6@8" VERT EF IN THIS REGION (ONE BAR EF PER CELL).
 - PROVIDE (4) #6 VERT EF WITHIN 32" OF WINDOW OPENING (ONE BAR EF PER CELL).
 - ALUMINUM COVER PER SPECIFICATION SECTION 13238A. COVERS SHALL SPAN SOUTH TO NORTH.
 - 4' x 4' BILCO HATCH
 - 3' x 3' OPENING COVERED WITH TREAD PLATE PER DETAIL A501/TYP.
 - 3' x 4' OPENING COVERED WITH TREAD PLATE PER DETAIL A501/TYP.

C TOP PLAN
SCALE: 3/16" = 1'-0"
FILE: 10548A10_21S103

G						DESIGNED DCB	** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **			SOUTH VALLEY WATER RECLAMATION FACILITY			VERIFY SCALES	JOB NO. 10548A.10
						DRAWN JRL				PROJECT 5			BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.
						CHECKED GLS				STRUCTURAL			0  1"	S21-03
						DATE MARCH 2019				GRIT HANDLING FACILITY UPPER PLAN			IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO.
		3-26-19	BDJ	ADDENDUM NO. 2								7495 South 1300 West West Jordan, Utah 84084		89 OF 159
REV	DATE	BY	DESCRIPTION											
	1		2	3	4	5	6	7	8	9	10	11	12	13



G					DESIGNED DCB	** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **			SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES	JOB NO. 10548A.10	G
					DRAWN JRL				PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	
					CHECKED GLS				STRUCTURAL		0  1"	S21-07	
		3-26-19	BDJ	ADDENDUM NO. 2	DATE MARCH 2019				GRIT HANDLING FACILITY SECTIONS AND DETAILS 3		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO.	
	REV	DATE	BY	DESCRIPTION								93 OF 159	

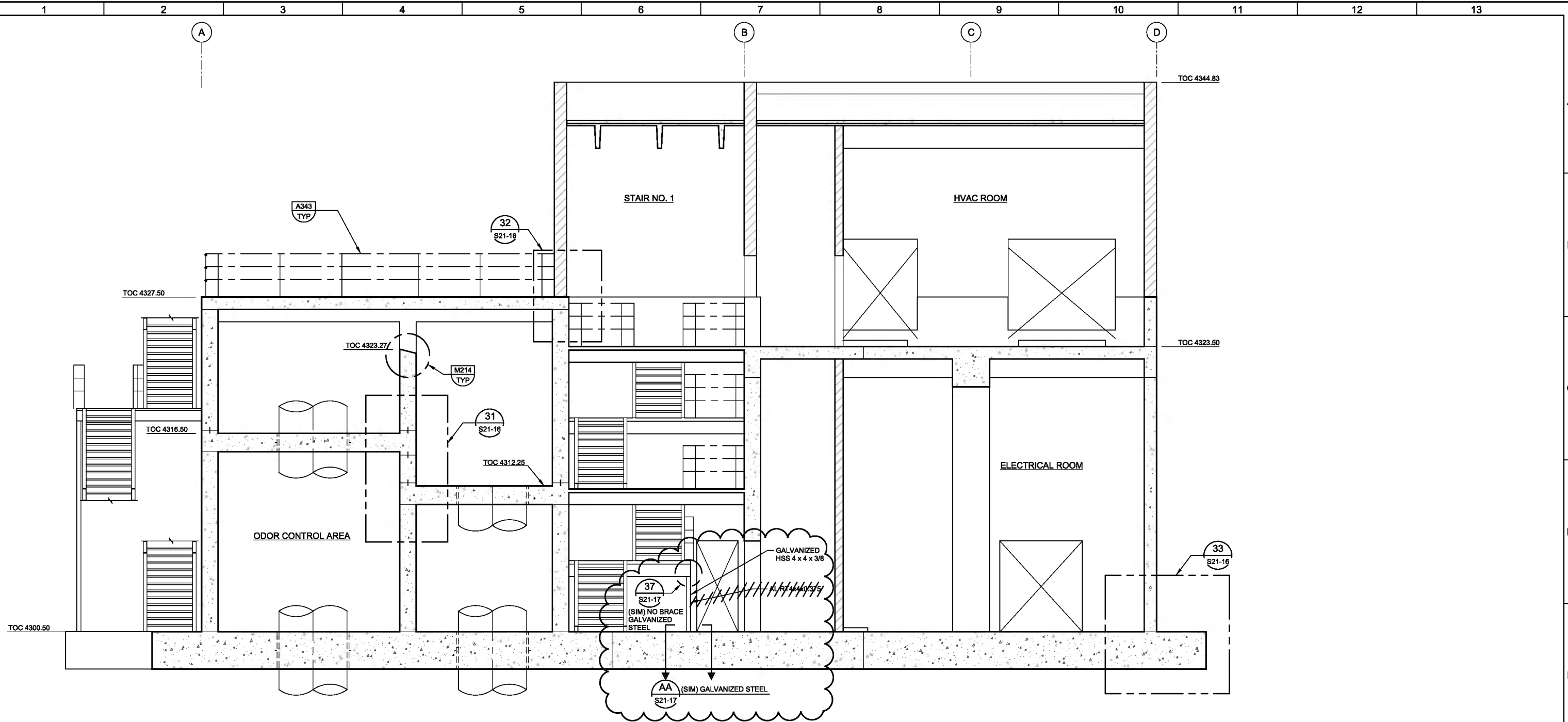
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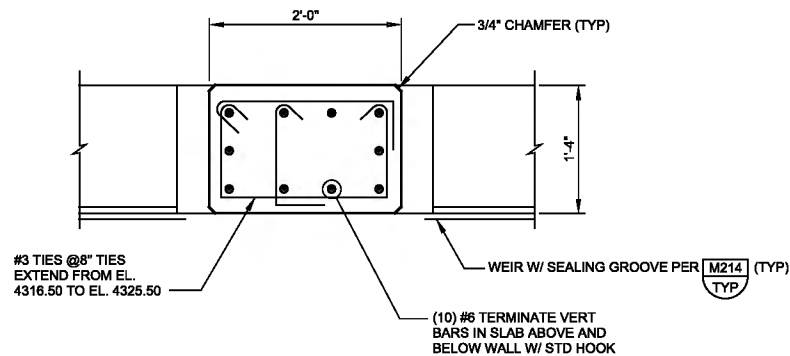
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LAST SAVED BY: dscheale



K SECTION
21S-01 SCALE: 1/4" = 1'-0"
FILE: 10548A10_21S306



34 DETAIL
21S-08 SCALE: 1" = 1'-0"
FILE: 10548A1021S402

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED	DCB
DRAWN	JRL
CHECKED	GLS
DATE	MARCH 2019

**
ORIGINAL
SEALED BY
D. CRAIG BRINCK
03/04/2019
UT 7882644-2203
**

carollo®

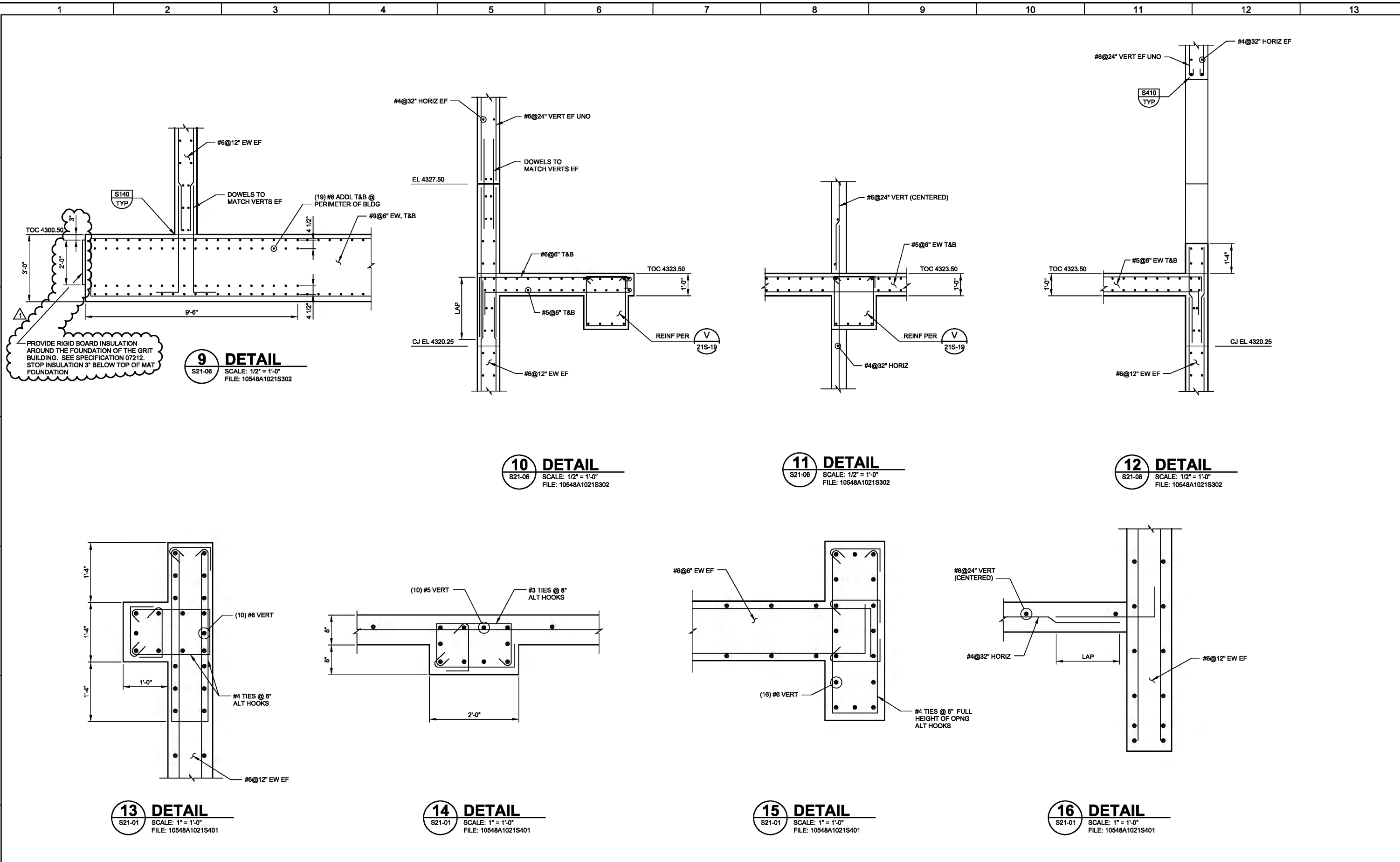
SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
STRUCTURAL
GRIT HANDLING FACILITY
SECTIONS AND DETAILS 5

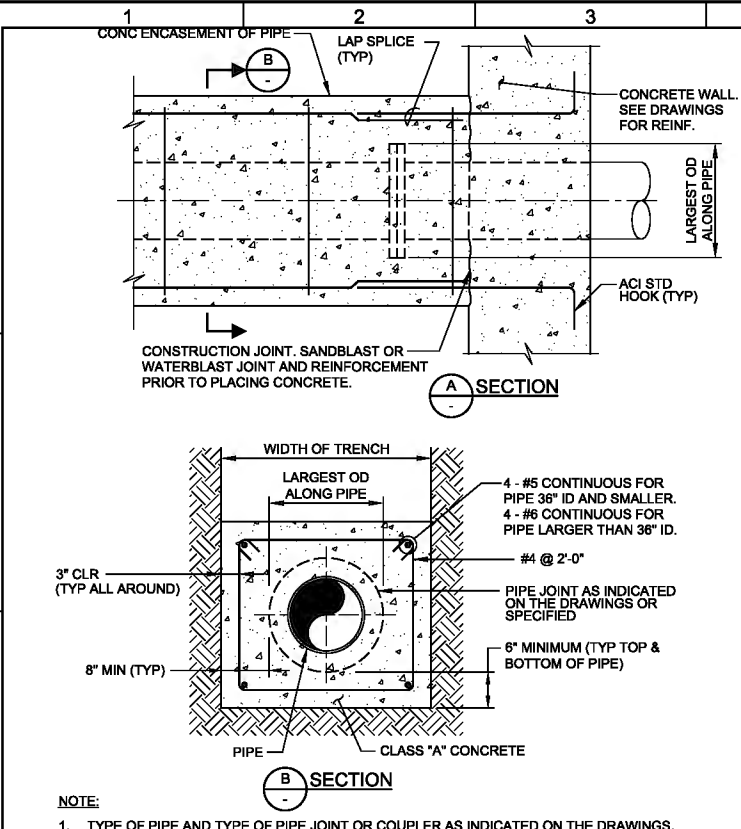
VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

JOB NO.
10548A.10
DRAWING NO.
S21-09
SHEET NO.
95 OF 159

Plot Date: 25-MAR-2019 1:08:56 PM
User: svcpw
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 2:1
LAST SAVED BY: idonell

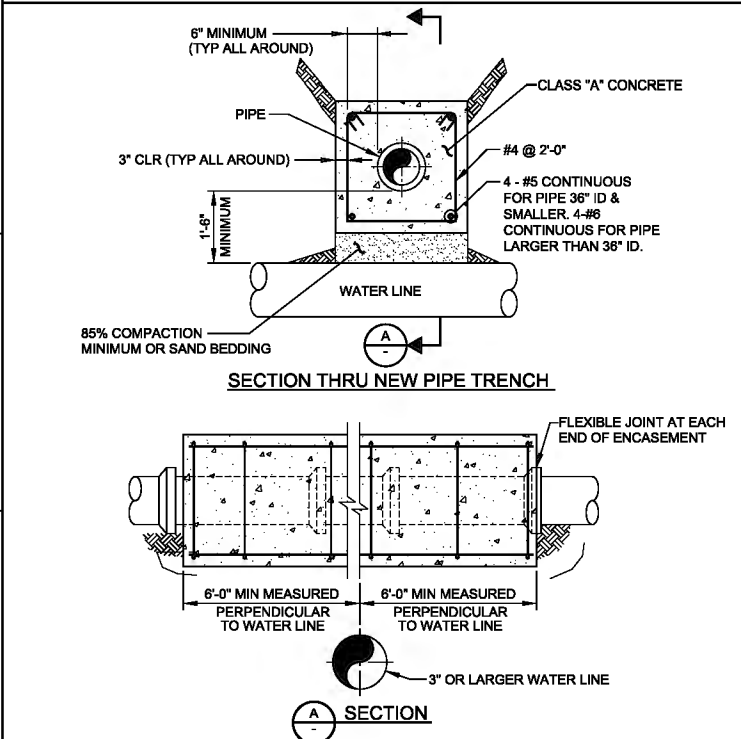


				DESIGNED DCB	** ORIGINAL SEALED BY D. CRAIG BRINCK 03/04/2019 UT 7882644-2203 **		 7495 South 1300 West West Jordan, Utah 84084	SOUTH VALLEY WATER RECLAMATION FACILITY			VERIFY SCALES	JOB NO. 10548A.10
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				CHECKED GLS				STRUCTURAL			0 1"	S21-14
				DATE MARCH 2019				GRIT HANDLING FACILITY SECTIONS AND DETAILS 10			IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO.
												100 OF 159



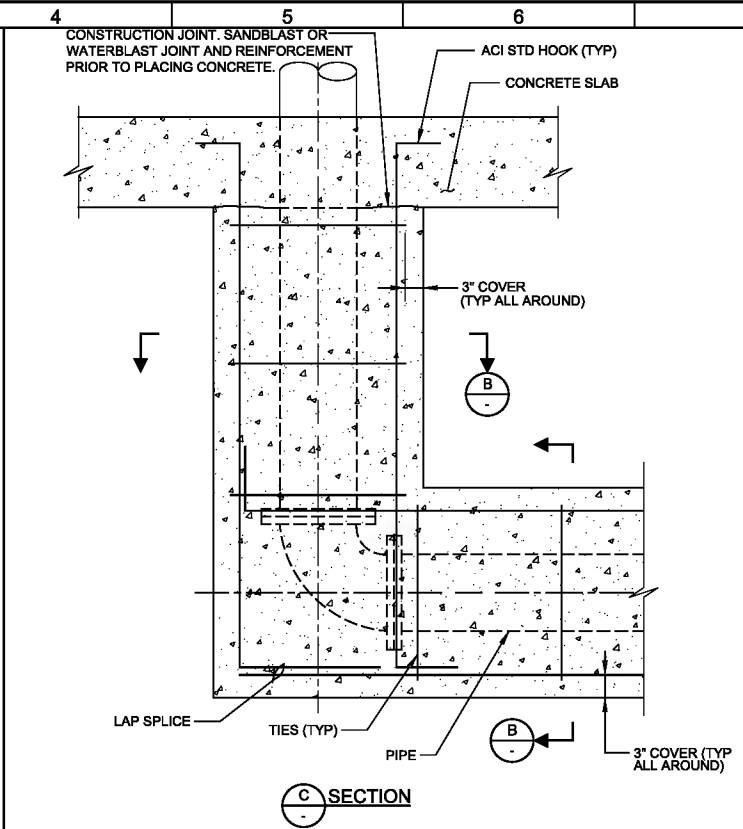
P040 CONCRETE ENCASEMENT OF PIPE
TYP

SHEET 1 OF 2 03/24/15



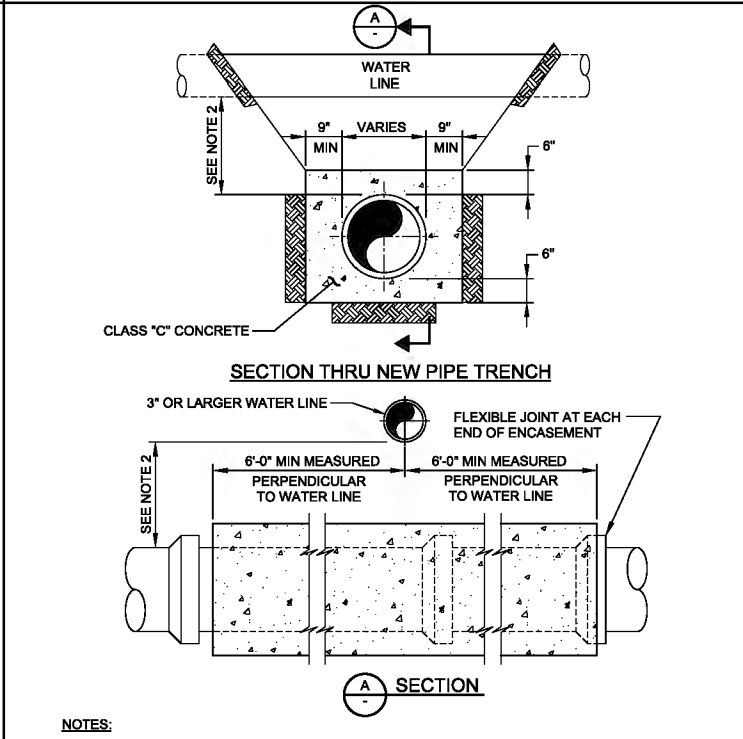
P044 SANITARY SEWER ENCASEMENT ABOVE WATER LINES
TYP

08/01/05



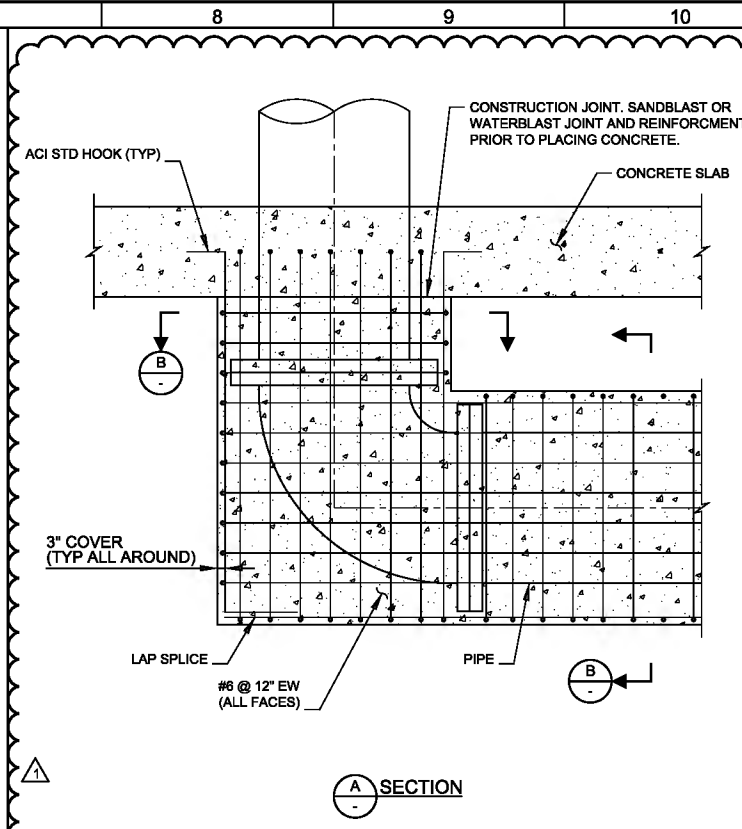
P040 CONCRETE ENCASEMENT OF PIPE
TYP

SHEET 2 OF 2 03/24/15



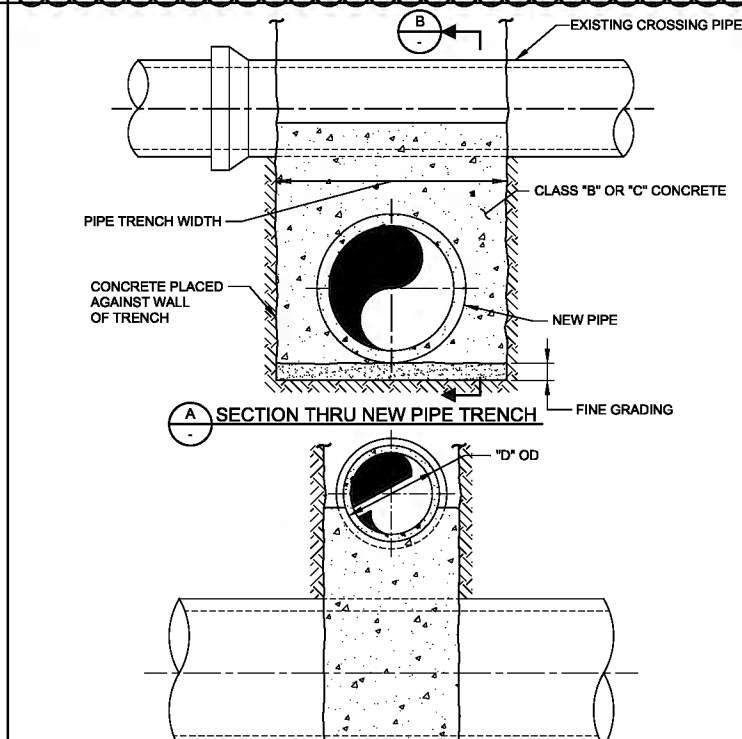
P046 SANITARY SEWER ENCASEMENT UNDER WATER LINES
TYP

08/01/05



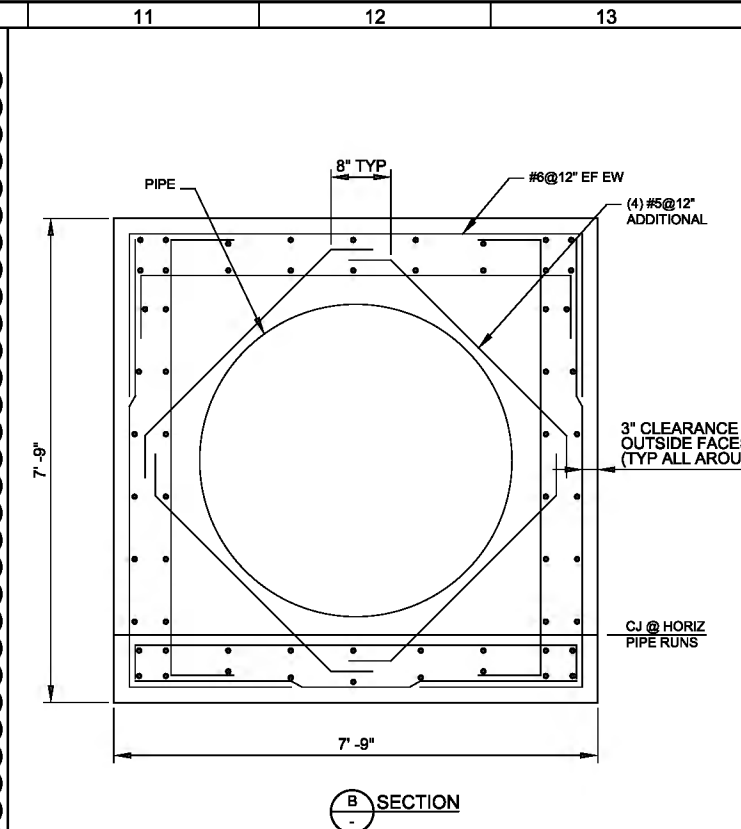
P043 CONCRETE ENCASEMENT OF PIPE
TYP

SHEET 1 OF 2 02/07/19



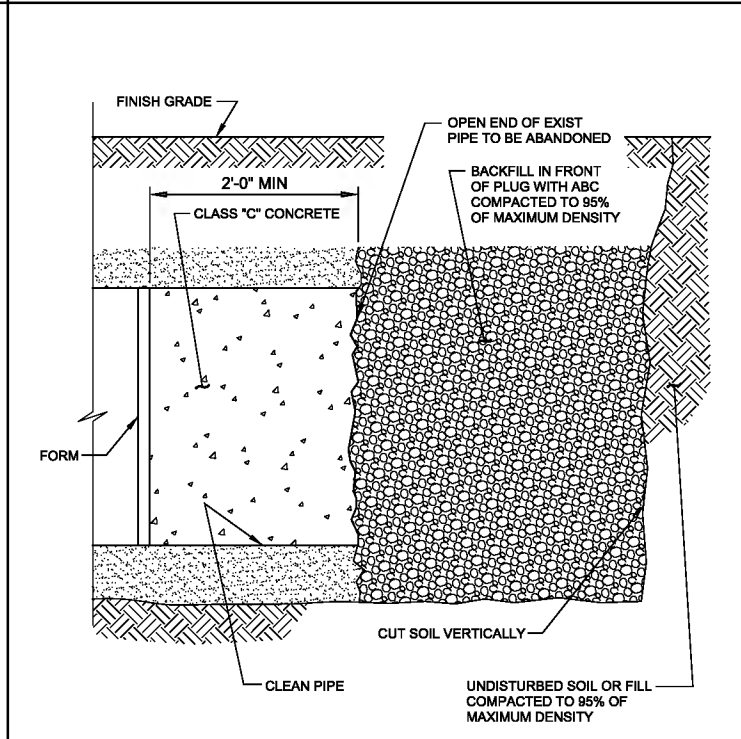
P048 PIPE SUPPORT ACROSS TRENCH
TYP

03/02/15



P043 CONCRETE ENCASEMENT OF PIPE
TYP

SHEET 2 OF 2 02/07/19



P059 PIPE PLUG
TYP

02/08/19

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2
2			
3			

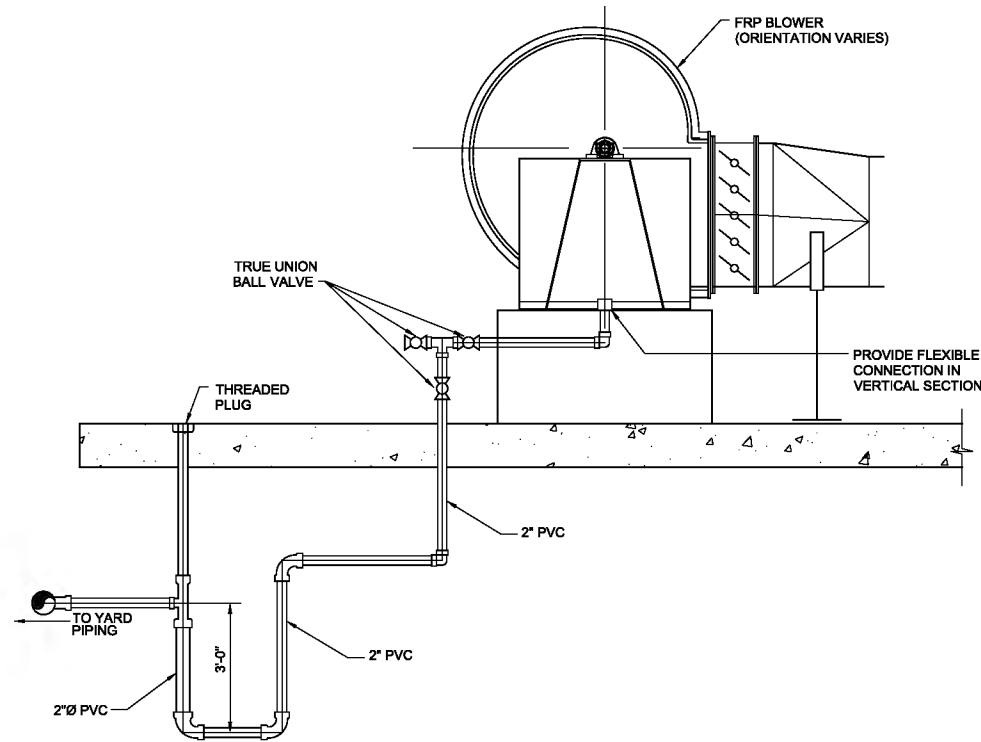
DESIGNED RWB/JD DRAWN JRL CHECKED GCS DATE MARCH 2019	ORIGINAL SEALED BY RYAN W. BENCH 03/04/2019 UT 10171598-2202	ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202
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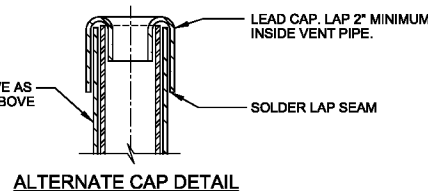
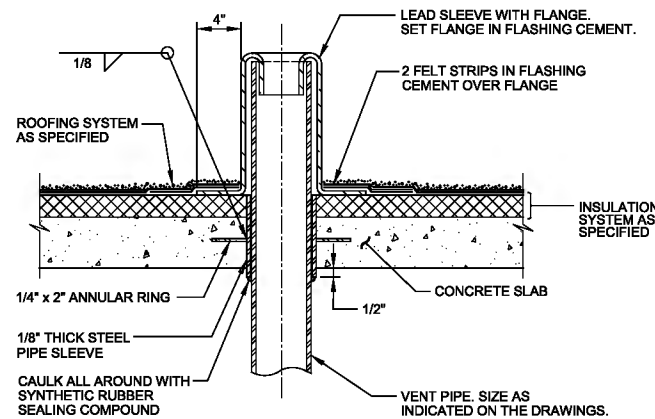
SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
TYPICAL DETAILS
PIPING TYPICAL DETAILS 2

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 10548A.10 DRAWING NO. GM-04 SHEET NO. 111 OF 159
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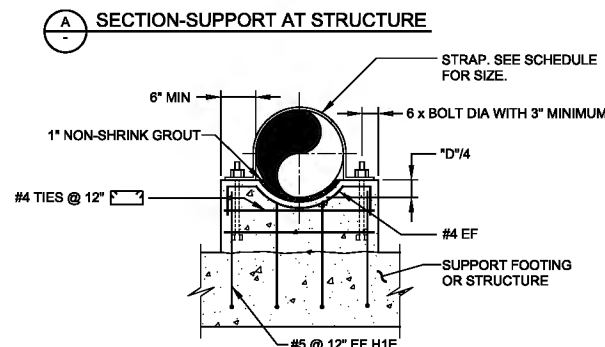
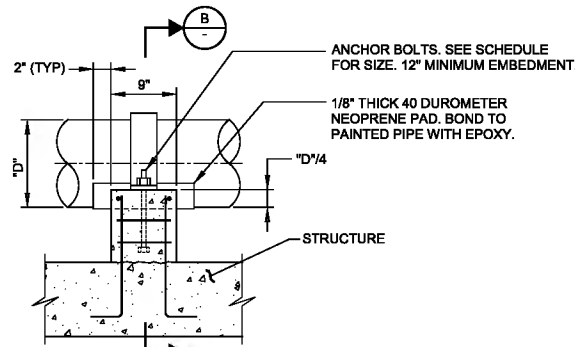


P416
TYP CONDENSATE DRAIN
AT ODOR CONTROL FAN



- NOTES:
1. SLEEVE LENGTH VARIES WITH INSULATION SYSTEM THICKNESS.
 2. PIPE SLEEVE ID SHALL BE MINIMUM OF PIPE OD + 1/4".

P507
TYP VENT THROUGH CONCRETE ROOF DECK

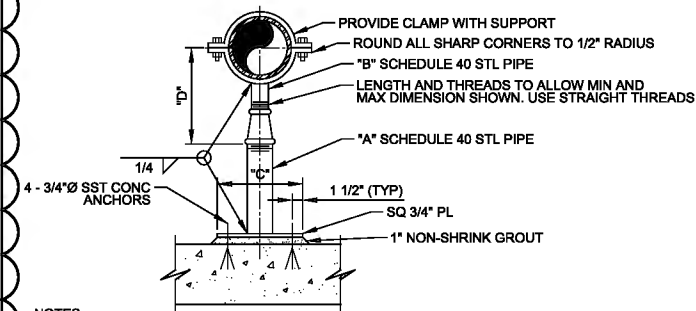


P602
TYP CONCRETE PIPE SUPPORT

SHEET 1 OF 2 07/19/16

ADJUSTABLE PIPE SADDLE SUPPORT SCHEDULE
(INCHES)

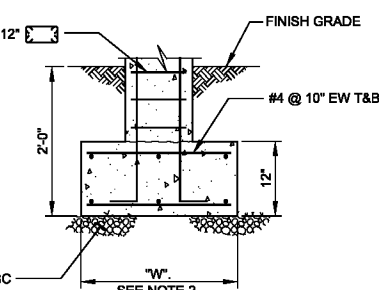
SIZE OF SUPPORTED PIPE **	PIPE SIZE "A"	PIPE SIZE "B"	"C"	"D"	
				MINIMUM	MAXIMUM
2 1/2 *	2 1/2	1 1/2	12	8	13
3	2 1/2	1 1/2	12	8 1/2	13 1/2
3 1/2	2 1/2	1 1/2	12	8 1/2	13 1/2
4	3	2 1/2	12	9 1/2	14
6	3	2 1/2	12	10 1/2	15 1/2
8	3	2 1/2	12	11 1/2	16 1/2
10	3	2 1/2	12	13 1/2	18 1/2
12	3	2 1/2	12	15	19 1/2
14	4	3	12	16 1/2	20 1/2
16	4	3	12	17 1/2	22 1/2
18	6	3 1/2	14	19 1/2	24
20	6	3 1/2	14	21	25 1/2
24	6	4	14	23 1/2	28 1/2
30	6	4	14	27	31 1/2
32	6	4	14	28 1/2	32 1/2
36	6	4	14	30 1/2	34 1/2



- NOTES:
1. HOT-DIP GALVANIZED SUPPORT AFTER FABRICATION.
 2. * = USE 2 1/2" SUPPORTS FOR PIPES LESS THEN 2 1/2".
 3. ** = NOMINAL PIPE SIZE.

P624
TYP ADJUSTABLE PIPE SUPPORT

09/04/13



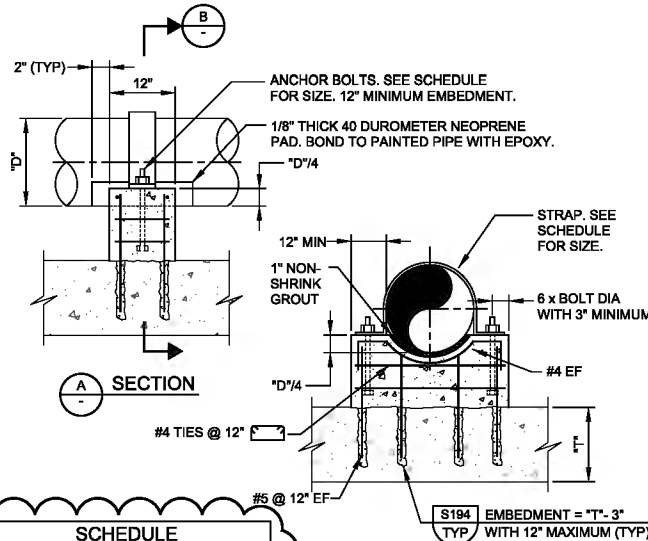
P602
TYP SECTION-ISOLATED
SUPPORT WITH FOOTING

SCHEDULE		
PIPE SIZE	STRAP SIZE	ANCHOR BOLT DIA
8" - 12"	FB 1/4" x 4"	1/2"
14" - 24"	FB 5/16" x 4"	5/8"
28" - 36"	FB 3/8" x 4"	3/4"

- NOTES:
1. IF SUPPORT IS SUBMERGED OR LOCATED BELOW THE TOP OF WALL IN WATER BEARING STRUCTURE, MATERIAL FOR ANCHOR BOLTS AND STRAP SHALL BE STAINLESS STEEL. IN ALL OTHER AREAS, THE MATERIAL FOR ANCHOR BOLTS AND STRAP SHALL BE HOT-DIP GALVANIZED STEEL UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 2. THE WIDTH OF THE FOOTING "W" = 2'-8". THE LENGTH OF THE FOOTING = "D" + 2'-0".

P602
TYP CONCRETE PIPE SUPPORT

SHEET 2 OF 2 11/30/08

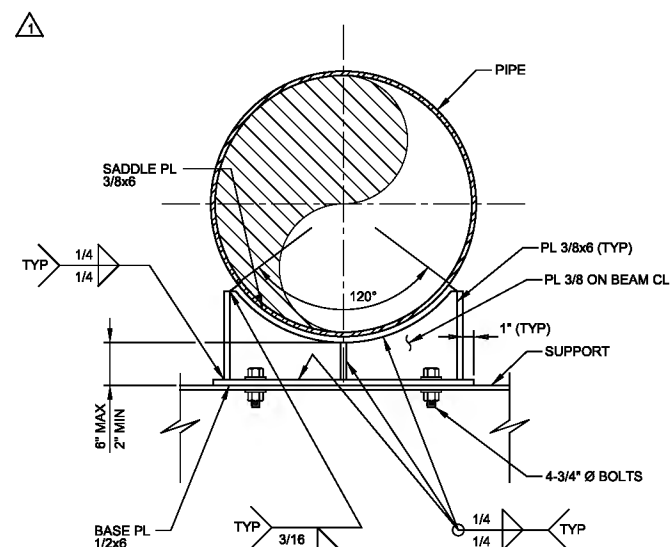


SCHEDULE		
PIPE SIZE	STRAP SIZE	ANCHOR BOLT DIA
8" - 12"	FB 1/4" x 4"	1/2"
14" - 24"	FB 5/16" x 4"	5/8"
26" - 42"	FB 3/8" x 4"	3/4"

- NOTES:
1. IF SUPPORT IS SUBMERGED OR LOCATED BELOW THE TOP OF WALL IN WATER BEARING STRUCTURE, MATERIAL FOR ANCHOR BOLTS AND STRAP SHALL BE 316 STAINLESS STEEL. IN ALL OTHER AREAS, THE MATERIAL FOR ANCHOR BOLTS AND STRAP SHALL BE HOT-DIP GALVANIZED STEEL UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 2. MIN "T" = 12".

P604
TYP CONCRETE PIPE SUPPORT AT EXISTING STRUCTURE

07/31/08



- NOTES:
1. MAXIMUM PIPE SIZE: 36" DIA.
 2. ALL TYPE 316 STAINLESS STEEL CONSTRUCTION.
 3. PROVIDE DIELECTRIC ISOLATER PAD BETWEEN PIPE AND SADDLE.

P614
TYP PIPE SUPPORT SADDLE

2/1/19

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SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
TYPICAL DETAILS
PIPING TYPICAL DETAILS 5

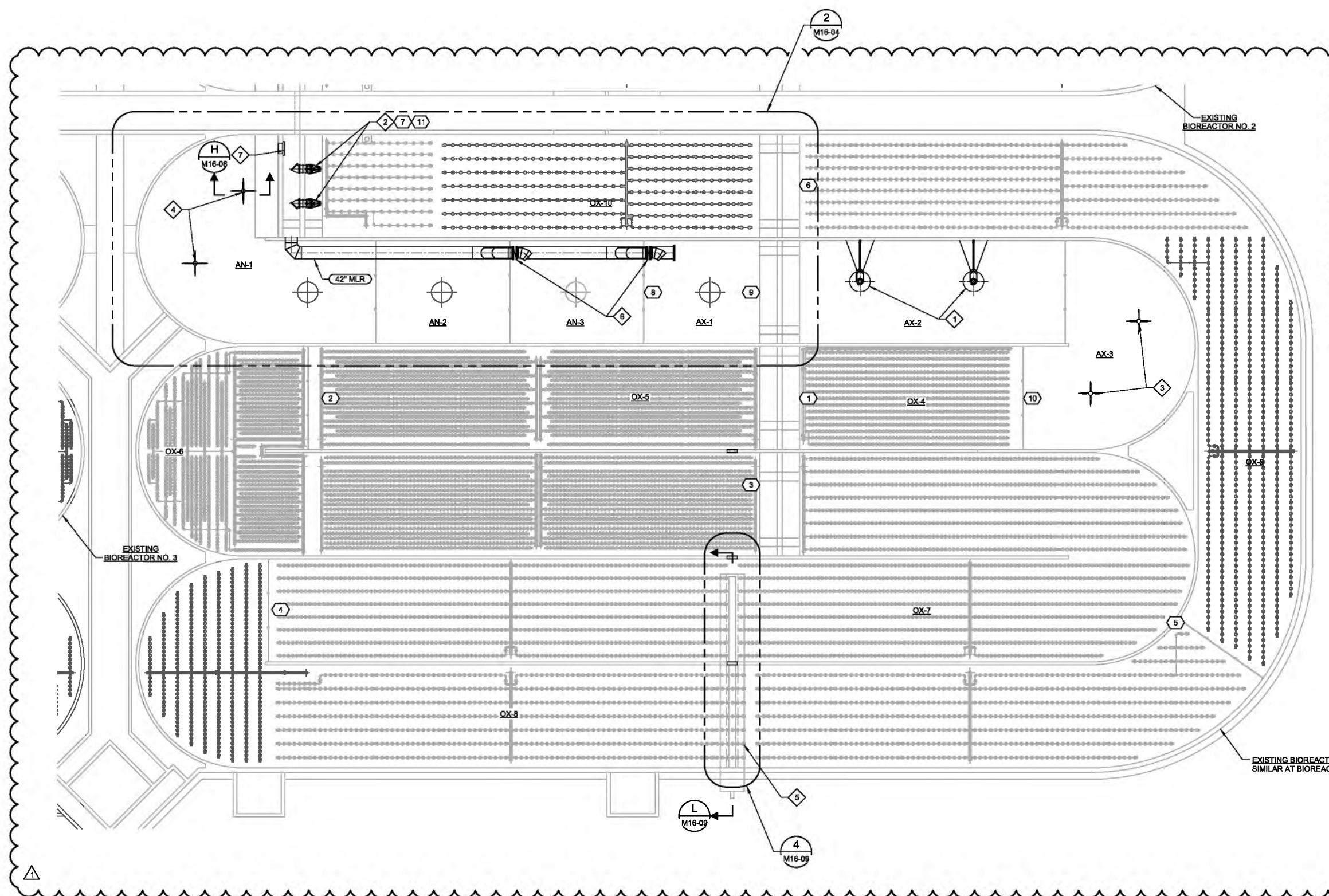
VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY
JOB NO.
10548A.10
DRAWING NO.
GM-07
SHEET NO.
114 OF 159

Plot Date: 26-MAR-2019 2:15:19 PM

User: svcpw

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 2:1

LAST SAVED BY: idonell



- GENERAL NOTES:**
1. ALL IMPROVEMENTS NOTED HERE SHALL BE REQUIRED ON BIOREACTORS 2 THROUGH 4, UNLESS NOTED OTHERWISE.
 2. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS AND BIOSOLID MATERIAL AS OUTLINED IN SECTION 01140, AND AS REQUIRED TO COMPLETE THE WORK. DIFFUSERS, PIPING, AND SUPPORTS SHALL BE PROTECTED IN PLACE. FOR BIDDING PURPOSES, ASSUME 6" OF SETTLED GRITLIKE MATERIAL ON THE FLOOR OF THE BASIN.
 3. SEE SPECIFICATION SECTION 01230 FOR BID ALTERNATIVES.
- KEY NOTES:**
- 1 NEW FLOATING MIXER PER SPECIFICATION SECTION 11224A (TYP OF 2 EACH BIOREACTOR). SEE SECTION J/M16-08.
 - 2 NEW MIXED LIQUOR PUMPS PER SPECIFICATION SECTION 11312P (TYP OF 2 EACH BIOREACTOR).
 - 3 NEW VERTICAL DECK-MOUNTED MIXER PER SPECIFICATION SECTION 11224C (TYP OF 2 EACH BIOREACTOR). SEE SECTION H/M16-08.
 - 4 REPLACE EXISTING PROPELLER ASSEMBLY ON EXISTING VERTICAL MIXERS PER SPECIFICATION SECTION 11224B. (TYP OF 2 EACH BIOREACTOR). SEE SECTION H/M16-08.
 - 5 REMOVE AND REPLACE IN-KIND DIFFUSER GRID FOR TRENCH DRAIN CONSTRUCTION. SEE DETAIL 5/M16-08.
 - 6 NEW 36" BUTTERFLY VALVE PER SPECIFICATION SECTION 15112.
 - 7 NEW GATE PER SPECIFICATION SECTION 11234C.

- KEY TAGS:**
- 1 DO PROBE AE 16.441
 - 2 DO PROBE AE 16.442
 - 3 DO PROBE AE 16.443
 - 4 DO PROBE AE 16.444
 - 5 DO PROBE AE 16.445
 - 6 DO PROBE AE 16.446
 - 7 DO PROBE AE 16.447
 - 8 ORP PROBE AE 16.451 (INCLUDED IN ABI 2)
 - 9 MLSS PROBE AE 16.452 (INCLUDED IN ABI 2)
 - 10 ORP PROBE AE 16.453 (INCLUDED IN ABI 2)
 - 11 AMMONIA PROBE AE 16.454 (INCLUDED IN ABI 2)

1 ENLARGED LOWER PLAN
M16-02 SCALE: 1/16" = 1'-0"
FILE: 10548A10_16M-101D

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED JD	ORIGINAL SEALED BY JAMES W. DIXON 03/04/2019 UT 9039577-2202
DRAWN KHB	ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202
CHECKED GCS	
DATE MARCH 2019	



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West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES	JOB NO. 10548A.10
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. M16-03
MECHANICAL		0 1"	SHEET NO.
BIOREACTORS		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	121 OF 159
TYPICAL ENLARGED LOWER PLAN			

Plot Date: 25-MAR-2019 1:09:59 PM

User: svcpw

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0805.pen PlotScale: 2:1

LAST SAVED BY: idonell

GENERAL NOTES:

1. FOR GENERAL MECHANICAL NOTES SEE GM-01.
2. CONCRETE ENCASE ALL PIPING UNDER STRUCTURE PER DETAIL P040/TYP UNLESS NOTED OTHERWISE WHETHER ENCASEMENT IS SHOWN OR NOT.
3. NOT ALL PIPE SUPPORTS SHOWN. CONTRACTOR TO PROVIDE ADDITIONAL SUPPORTS AS REQUIRED BY SPECIFICATIONS.

KEY NOTES:

- 1 SUPPORT PIPES ON THE WALL PER DETAIL P680/TYP AND P682/TYP.
- 2 RUN 1/2" SW LINES THROUGH THE CONCRETE SLAB TO GRIT PUMPS. SEE DWG M21-01 FOR CONTINUATION.
- 3 LONG RADIUS 90° BEND. TYP OF 3.
- 4 SHOULD ABI #3 NOT BE EXERCISED BY OWNER BRING 4" PD LINE THROUGH THE FLOOR AND BLIND FLANGE. ALSO RUN 1/2" SW LINES IN THE SLAB, BRING ABOVE FLOOR AND CAP.

KEY NOTES:

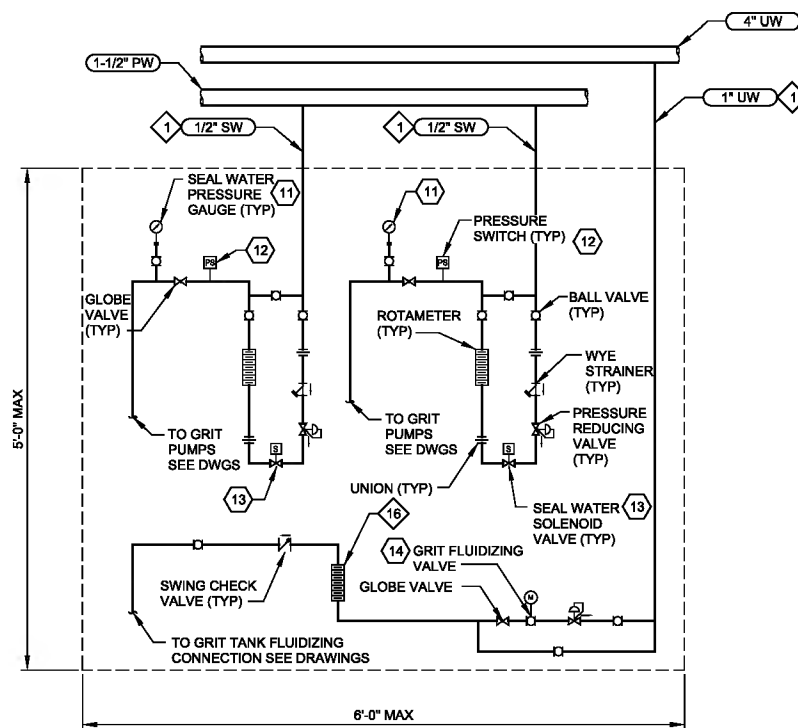
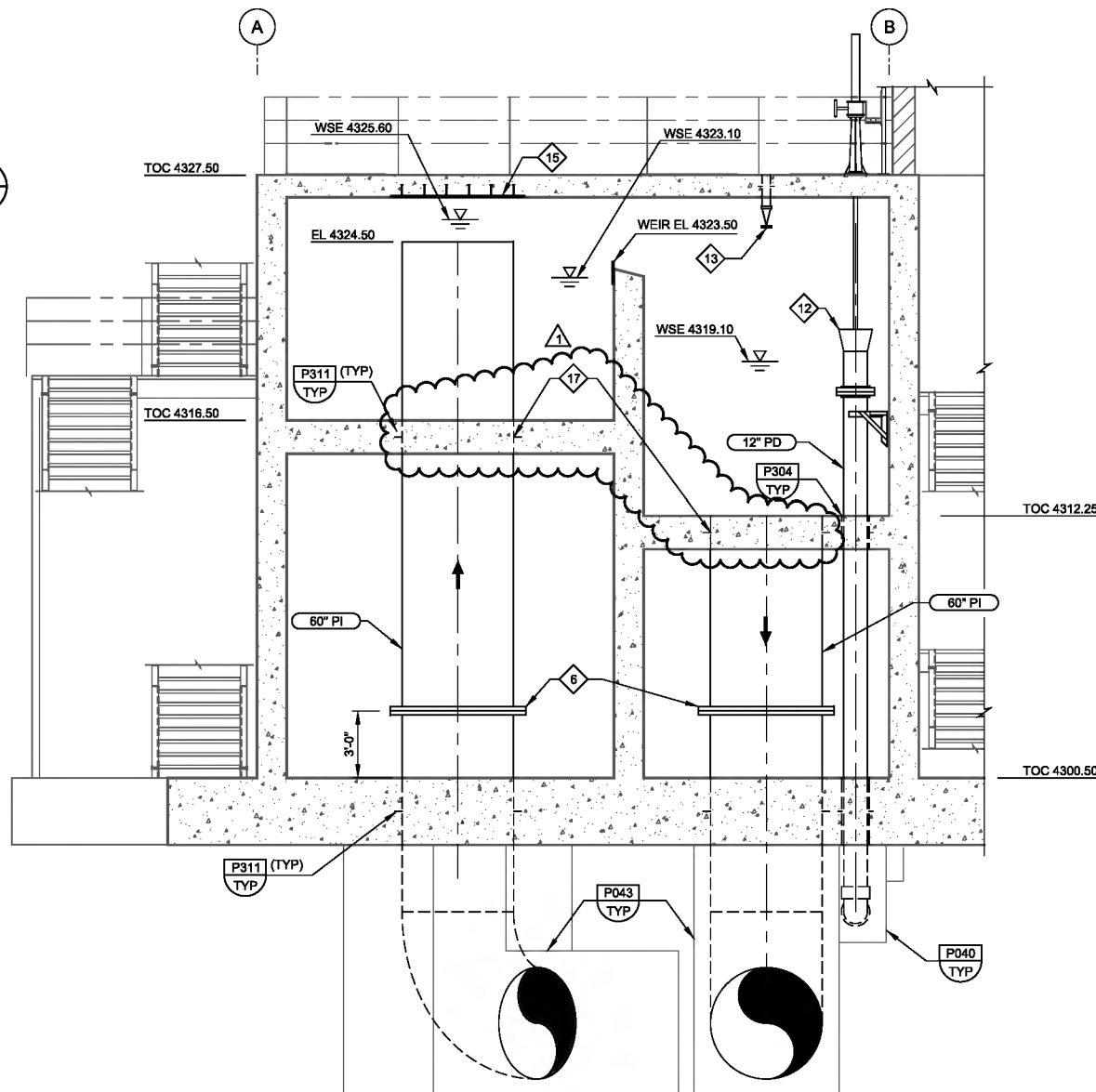
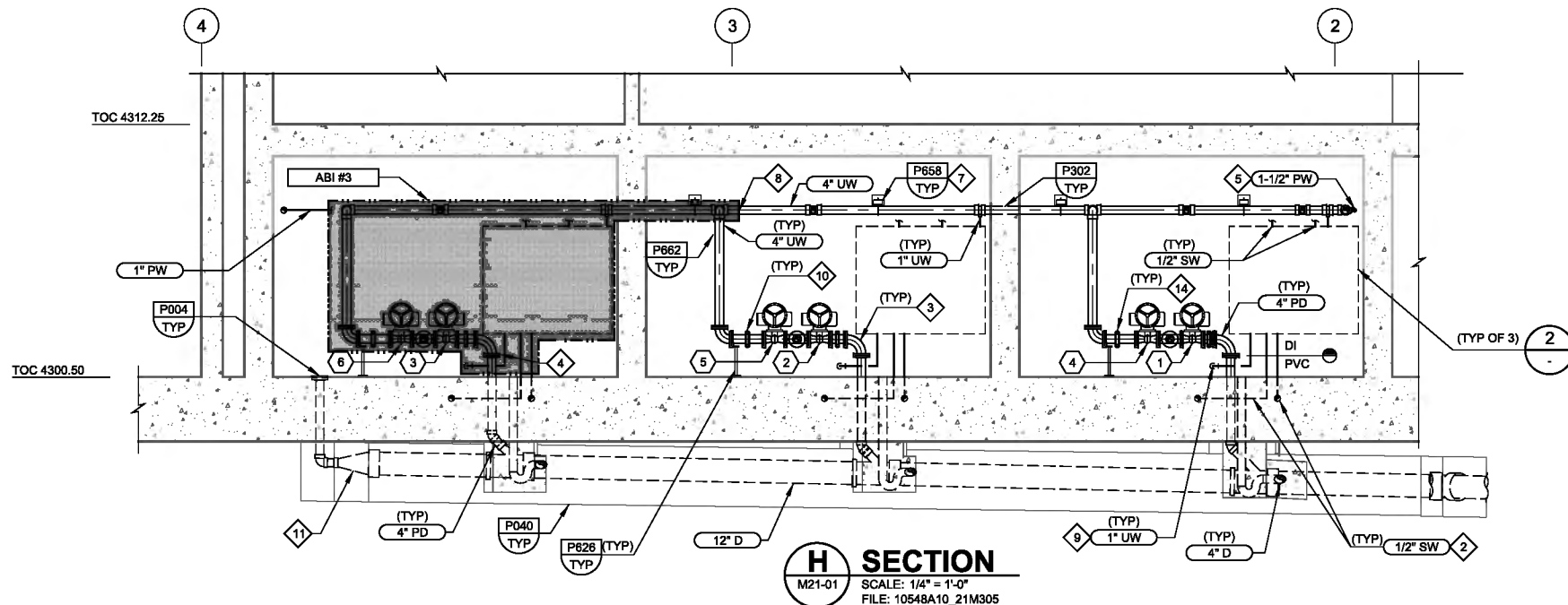
- 5 RUN 1-1/2" PW LINE BEHIND UW LINE. PW HEADER IS NOT A PART OF ABI #3.
- 6 STEEL x STEEL FLANGE CONNECTION
- 7 SUPPORT 4" UW LINE AND 1-1/2" PW LINE OFF WALL ON THE SAME PIPE SUPPORT OR SIMILAR.
- 8 SHOULD ABI #3 NOT BE EXERCISED BY OWNER, CAP 4" UW TEE.
- 9 LOCATION OF 1" UW LINE THROUGH THE WALL PER GRIT REMOVAL MANUFACTURER, TYP.

KEY NOTES:

- 10 GROOVED TYPE COUPLING
- 11 4" x 12" INCREASER
- 12 12" TELESCOPING VALVE WITH 16" CONE
- 13 4" DUCKBILL CHECK VALVE
- 14 VICTAULIC COUPLING
- 15 SEE STRUCTURAL DRAWINGS FOR 6"x6" SST PLATES EMBEDDED IN SLAB ABOVE 60" PI LINES.
- 16 ROTOMETER PROVIDED BY GRIT REMOVAL MANUFACTURER.
- 17 FOR THESE TWO LOCATIONS, ANNULAR RING TO BE PLACED 4" ABOVE UNDERSIDE OF SUSPENDED CONCRETE SLAB AND NOT IN THE CENTER.

KEY TAGS:

- | | | |
|---|--|------------|
| 1 | GRIT BASIN NO. 1 DRAIN VALVE | VAL-21.118 |
| 2 | GRIT BASIN NO. 2 DRAIN VALVE | VAL-21.126 |
| 3 | GRIT BASIN NO. 3 DRAIN VALVE (BID ALT) | VAL-21.136 |
| 4 | GRIT BASIN NO. 1 FILL VALVE | VAL-21.115 |
| 5 | GRIT BASIN NO. 2 FILL VALVE | VAL-21.125 |
| 6 | GRIT BASIN NO. 3 FILL VALVE (BID ALT) | VAL-21.135 |



KEY TAGS:

- | | | |
|----|--------------------------------|------------|
| 11 | SEAL WATER PRESSURE INDICATORS | |
| | GRIT PUMP NO. 1 | PI-21.218 |
| | GRIT PUMP NO. 2 | PI-21.228 |
| | GRIT PUMP NO. 3 | PI-21.238 |
| | GRIT PUMP NO. 4 | PI-21.248 |
| | GRIT PUMP NO. 5 (BID ALT) | PI-21.258 |
| | GRIT PUMP NO. 6 (BID ALT) | PI-21.268 |
| 12 | LOW FLOW PRESSURE SWITCH | |
| | GRIT PUMP NO. 1 | FE-21.218 |
| | GRIT PUMP NO. 2 | FE-21.226 |
| | GRIT PUMP NO. 3 | FE-21.236 |
| | GRIT PUMP NO. 4 | FE-21.246 |
| | GRIT PUMP NO. 5 (BID ALT) | FE-21.256 |
| | GRIT PUMP NO. 6 (BID ALT) | FE-21.266 |
| 13 | SEAL WATER SOLENOID VALVES | |
| | GRIT PUMP NO. 1 | SV-21.214 |
| | GRIT PUMP NO. 2 | SV-21.224 |
| | GRIT PUMP NO. 3 | SV-21.234 |
| | GRIT PUMP NO. 4 | SV-21.244 |
| | GRIT PUMP NO. 5 (BID ALT) | SV-21.254 |
| | GRIT PUMP NO. 6 (BID ALT) | SV-21.264 |
| 14 | GRIT FLUIDIZING VALVES | |
| | GRIT BASIN NO. 1 | VAL-21.113 |
| | GRIT BASIN NO. 2 | VAL-21.123 |
| | GRIT BASIN NO. 3 (BID ALT) | VAL-21.133 |

2 SEAL WATER AND GRIT TANK FLUIDIZING PANEL

SCALE: NO SCALE
FILE: 10548A10_21M401

J SECTION

M21-01
SCALE: 1/4" = 1'-0"
FILE: 10548A10_21M306

DENOTES ITEMS THAT ARE PART OF ALTERNATE BID ITEMS

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

DESIGNED RWB	ORIGINAL SEALED BY RYAN W. BENCH 03/04/2019 UT 10171598-2202	ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202
DRAWN JRL		
CHECKED TL		
DATE MARCH 2019		

carollo

SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY

PROJECT 5

MECHANICAL

GRIT HANDLING FACILITY
SECTIONS AND DETAILS 4

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.
10548A.10

DRAWING NO.
M21-07

SHEET NO.

136 OF 159

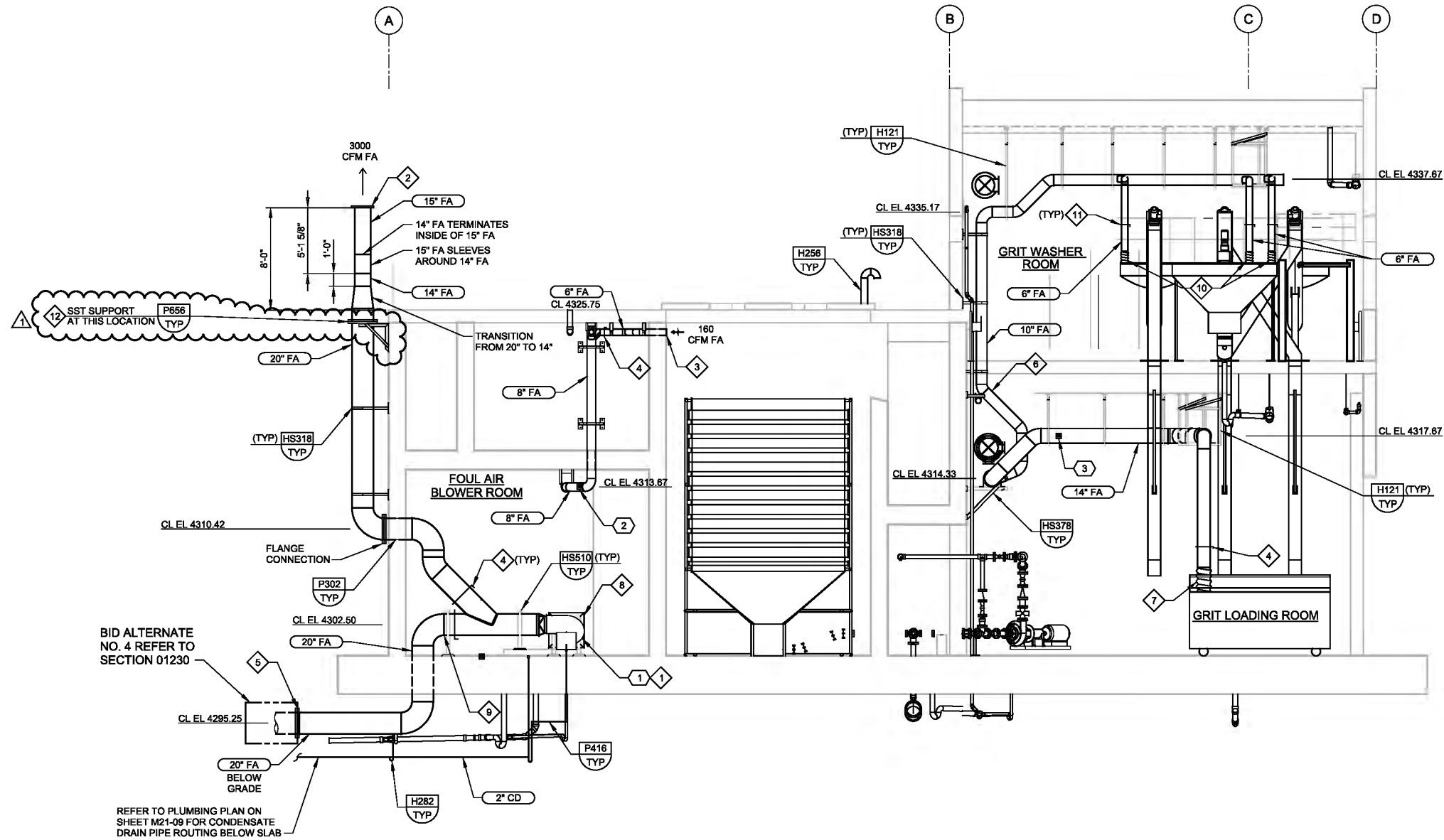
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User: svcpw

PlotScale: 2:1

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen

LAST SAVED BY: idonell



D SECTION
M21-13 SCALE: 3/16" = 1'-0"
FILE: 10548A10M21312

GENERAL NOTES

1. ALL ABOVE GRADE FOUL AIR DUCTWORK IN THIS AREA SHALL BE COATED STAINLESS STEEL PER SECTION 15816. DUCTWORK SHALL BE SUPPORTED IN ACCORDANCE WITH SMACNA CHAPTER 13 AND THE TYPICAL DETAILS AS INDICATED.
2. ALL BELOW GRADE FOUL AIR DUCTWORK IN THIS AREA SHALL BE FRP PER SECTION 15814.

KEY NOTES

- 1 FOUL AIR BLOWER FAN MOUNTED ON SPRING VIBRATION ISOLATOR RAILS. PROVIDE FLEXIBLE CONNECTIONS (FL-3) ON FAN INLET AND FAN OUTLET.
- 2 NO LOSS FOUL AIR EXHAUST STACK. CONSTRUCT STACK TO MATCH EXACT DIMENSIONS SHOWN. END OF DUCT SHALL BE PROVIDED WITH ANGLE RING FOR GUY WIRE TIES.
- 3 FOUL AIR DUCT WALL PENETRATION. TOP OF DUCT SHALL BE 6" FROM TOP OF CONCRETE. TERMINATE FA DUCT FLUSH WITH WALL. PROVIDE 1/2"x1/2" TYPE 316 SST SCREEN IN REMOVABLE FRAME ON OPEN END OF DUCT.
- 4 BALANCING DAMPER (BD-6).
- 5 TERMINATE 20" FRP FOUL AIR DUCT BELOW GRADE WITH A BLIND FLANGE. DUCT SHALL BE UTILIZED WHEN BID ALTERNATE BIOFILTER IS CONSTRUCTED.
- 6 ROUTE 10" FA AROUND HVAC SUPPLY AIR DUCT. 10" FA DUCT SHALL PENETRATE UPPER LEVEL FLOOR SLAB AT 6" FROM INTERIOR WALL.
- 7 12" FA SHALL CONNECT TO DUMPSTER COVER EXHAUST AIR CONNECTION PORT WITH SST FLEXIBLE DUCT AS SPECIFIED IN SECTION 15815. TERMINATE 12" FA DUCT AT 3'-0" ABOVE DUMPSTER COVER AND PROVIDE LENGTH OF FLEX DUCT TO CONNECT TO EXHAUST PORT. PROVIDE 12" STAINLESS STEEL DUCT CLAMP TO SECURE FLEX DUCT TO EXHAUST PORT WITH AN AIRTIGHT SEAL. SUBMIT MATERIALS AND CONNECTION DETAIL TO ENGINEER FOR APPROVAL.
- 8 GREASE/MIST ELIMINATOR. PROVIDE CONDENSATE DRAIN ON BOTTOM PER DETAIL. REFER TO SECTION 13251.
- 9 COATED SST FA DUCT SHALL TRANSITION TO FRP AT FLANGE LOCATION.
- 10 PROVIDE FLANGED DUCT CONNECTION TO COANDA. MECHANICAL CONTRACTOR SHALL COORDINATE WITH COANDA VENDOR FOR FLANGE CONNECTION DETAILS. PROVIDE 8" FLEXIBLE CONNECTION (FL-2) AT 12" ABOVE FLANGED CONNECTION TO COANDA TO ACCOMMODATE FOR VIBRATING EQUIPMENT MOVEMENT.
- 11 PROVIDE BALANCING DAMPER (BD-6) IN DUCT AT 36" ABOVE FLANGED CONNECTION TO COANDA.
- 12 PROVIDE FLANGE AND FLANGE CONNECTION FOR SUPPORT.

KEY TAGS:

- | | | |
|---|---------------------------------------|------------|
| 1 | FOUL AIR BLOWER NO. 1 | FAB-21.500 |
| 2 | PRESSURE INDICATING TRANSMITTER NO. 1 | PIT-21.511 |
| 3 | PRESSURE INDICATING TRANSMITTER NO. 5 | PIT-21.515 |

REV	DATE	BY	DESCRIPTION
1	3-26-19	BDJ	ADDENDUM NO. 2

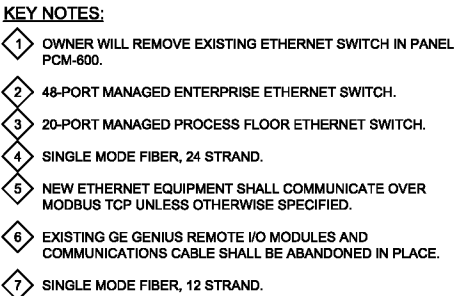
DESIGNED DCB	ORIGINAL SEALED BY CHAD A. GREEN 03/04/2019 UT 10396275-2202	ORIGINAL SEALED BY BRAD D. JEPSON 03/04/2019 UT 4775621-2202
DRAWN BAC		
CHECKED JEA		
DATE MARCH 2019		

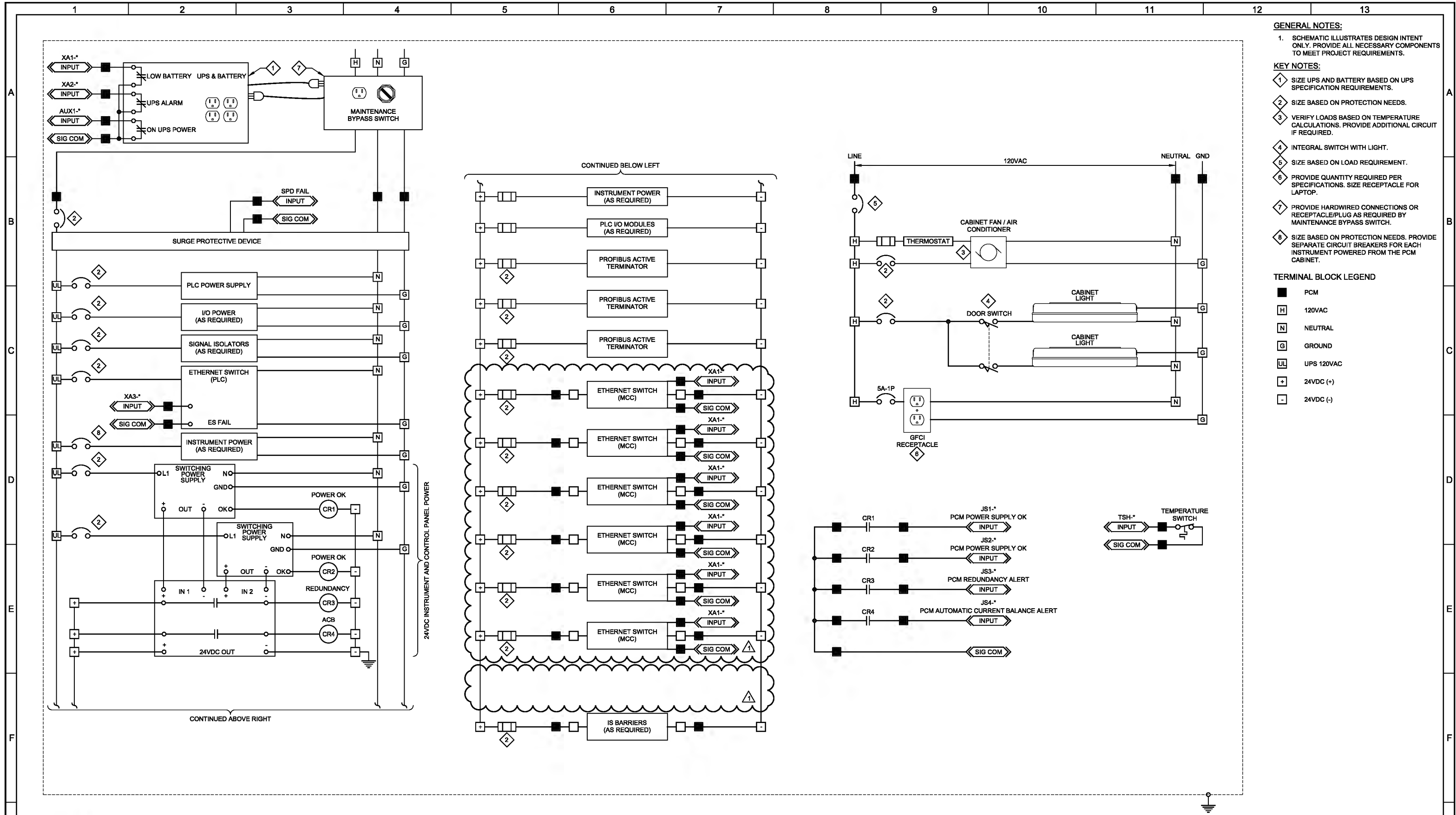
carollo

SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
MECHANICAL
GRIT HANDLING FACILITY ODOR CONTROL
SECTIONS 2

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 10548A.10 DRAWING NO. M21-16 SHEET NO. 145 OF 159
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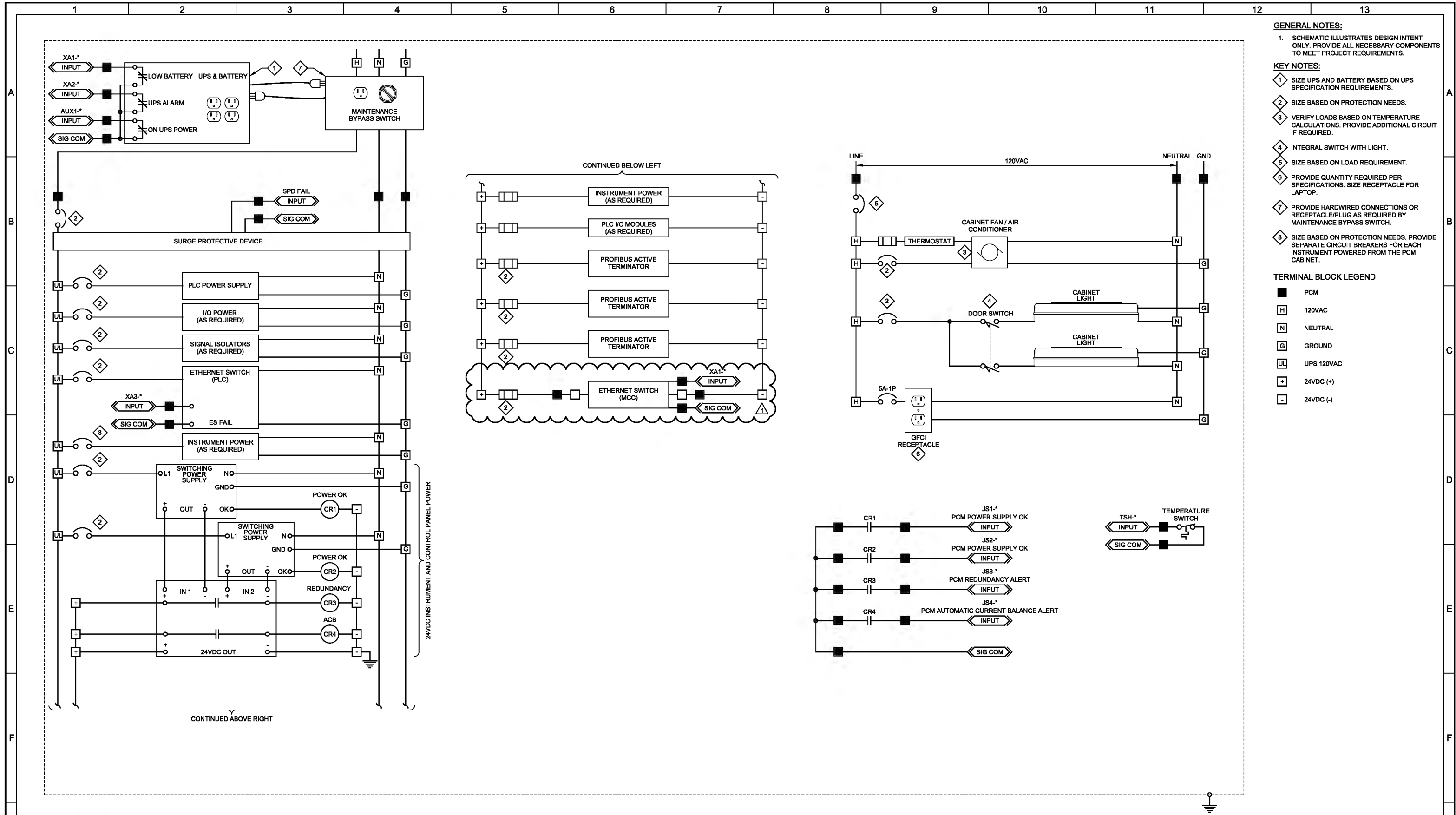




- GENERAL NOTES:**
1. SCHEMATIC ILLUSTRATES DESIGN INTENT ONLY. PROVIDE ALL NECESSARY COMPONENTS TO MEET PROJECT REQUIREMENTS.
- KEY NOTES:**
- 1 SIZE UPS AND BATTERY BASED ON UPS SPECIFICATION REQUIREMENTS.
 - 2 SIZE BASED ON PROTECTION NEEDS.
 - 3 VERIFY LOADS BASED ON TEMPERATURE CALCULATIONS. PROVIDE ADDITIONAL CIRCUIT IF REQUIRED.
 - 4 INTEGRAL SWITCH WITH LIGHT.
 - 5 SIZE BASED ON LOAD REQUIREMENT.
 - 6 PROVIDE QUANTITY REQUIRED PER SPECIFICATIONS. SIZE RECEPTACLE FOR LAPTOP.
 - 7 PROVIDE HARDWIRED CONNECTIONS OR RECEPTACLE/PLUG AS REQUIRED BY MAINTENANCE BYPASS SWITCH.
 - 8 SIZE BASED ON PROTECTION NEEDS. PROVIDE SEPARATE CIRCUIT BREAKERS FOR EACH INSTRUMENT POWERED FROM THE PCM CABINET.

TERMINAL BLOCK LEGEND

- PCM
- 120VAC
- NEUTRAL
- GROUND
- UPS 120VAC
- 24VDC (+)
- 24VDC (-)



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TERMINAL BLOCK LEGEND

- PCM
- 120VAC
- NEUTRAL
- GROUND
- UPS 120VAC
- 24VDC (+)
- 24VDC (-)

IS008 PCM-2100
PI21-14

DESIGNED	
DRAWN	SGS
CHECKED	DJC
DATE	MARCH 2019
REV	3/18/2019
DATE	JMR
BY	ADDENDUM NO. 2
DESCRIPTION	

DESIGNED
DRAWN
SGS
CHECKED
DJC
DATE
MARCH 2019

ORIGINAL
SEALED BY
MATTHEW G. HATCH
03/04/2019
UT 5612657



South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
INSTRUMENTATION
CONTROL SCHEMATICS - V

VERIFY SCALES	JOB NO.
BAR IS ONE INCH ON ORIGINAL DRAWING	10548A.10
0 1"	DRAWING NO.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	IS-05
	SHEET NO.
	100 OF 159

