ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

November 26, 2024

Please find the following addendum to the below-mentioned BID.

Addendum No.:4

Bid#: 24-62-2

Project Name: Cross Gates Wastewater Treatment Plant Improvements

Bid Due Date: Tuesday, December 3, 2024

GENERAL INFORMATION:

1. Specification Section 17100 – Instrumentation: Remove this section in its entirety and replace with the revised section included herein.
2. Drawing Sheet G-2: Add the following to the end of Phasing Note 7: "Start up Site Lift Station and Septage Receiving Station."
3. Drawing Sheet G-5: Remove this sheet and replace with the revised sheet included herein.
4. Drawing Sheet C-3: Remove this sheet and replace with the revised sheet included herein.
5. Drawing Sheet C-4: Remove this sheet and replace with the revised sheet included herein.
6. Drawing Sheet GM-3: On the Instrument Schedule, change the size of the Effluent Flow Meter from 12" to 16".
7. Drawing Sheet 2S-1: Remove this sheet and replace with the revised sheet included herein.
8. Drawing Sheet 3S-1: Remove this sheet and replace with the revised sheet included herein.
9. Drawing Sheet 3S-5: Remove this sheet and replace with the revised sheet included herein.
10. Drawing Sheet E500: Remove this sheet and replace with the revised sheet included herein.

QUESTIONS & ANSWERS:

QUESTION 1: Will UV basin require hand rails?
ANSWER 1: Yes, hand rails are required. Drawing Sheet 3S-1 has been revised to indicate the requirement. Details have been added to Sheet 3S-5.

QUESTION 2: Do not see details on the staircase for the UV Basin. What are they made of?
ANSWER 2: Details have been added to Sheet 3S-5.

QUESTION 3: Sheet C-3 general note 2 - is that note correct or should that read Plant 1? Routing from Plant 3 is unclear.
ANSWER 3: The effluent line from Plant 3 will remain connected to the existing plant discharge line throughout construction.

QUESTION 4: Sheet G-2 phasing note 7 – SFM line from Site Lift Station - plans show that being pumped to Plant 2. Is that note correct, Routing to Plant 3 is unclear.
ANSWER 4: The note is correct as written, but it has been revised to clarify. Sheet C-4 has been revised to show the connection to Plant 3.

QUESTION 5: Will contractor be responsible for providing means for pumping from Site lift station or can proposed pumps be activated and used once lift station is completed?
ANSWER 5: The intent is for the Site Lift Station to be started up as soon as it is complete. See answer to Question 4 above.

QUESTION 6: Will STP provide an alternate receiving station/location for offloading any remaining sludge removed by contractor from plants prior to demolition.
ANSWER 6: See answer to Question 6 in Addendum #3.

QUESTION 7: Sheet G-5 Process Flow Diagram – the flow diagram shows a separate sludge pump station for WAS between the new plant and the belt press. Where is that intended to be? Is that included in the plans?
ANSWER 7: There is no sludge pump station. It has been removed from Sheet G-5.

QUESTION 8: Sheet 2S-1 show FFE for tank foundation at 25.5'. Civil drawings have finished elevations much less that than approx..13'. Is the 25.5 an error?
ANSWER 8: The correct elevation of the tank slab is 13.0'. Sheet 2S-1 has been revised.

QUESTION 9: Sheet 2S-1 General note 1. what does that mean?
ANSWER 9: Since the tank is divided into three different sections by bulkheads, it must be filled in stages to prevent over/uneven stressing to any of the walls, bulkheads, or the foundation.

QUESTION 10: Drawings E201 note #2 and E202 note #1call for disconnect switches to have Auxiliary contacts wired back to the VFD. Please provide locations for the VFD's.
ANSWER 10: The notes referenced only apply to VFD driven equipment. Not all equipment is VFD driven. Refer to specific equipment requirements for details.

QUESTION 11: What is the NEMA classification for disconnects called out on drawings E201 note#2 and E202 note #1?
ANSWER 11: All disconnects called out on E201 note#2 and E202 note #1 shall be NEM-4X, and mounted in unclassified areas around new plant in accordance with NFPA-820, table 5.2.2 and figure A.5.2. Disconnects shall be mounted with bottom of disconnect minimum 24 inches above lip of new plant or 10 feet horizontally beyond wall of new plant.

QUESTION 12: Are the disconnects inside the Electrical building to be NEMA 3r as called out per note #5 on drawing E203.
ANSWER 12: All electrical equipment inside Electrical building shall be provide with NEMA-1 enclosures.

QUESTION 13: Drawing E201 note #4 calls for 4-2" conduits to Blower and Screen area. Is that four conduits to each area? Please clarify.
ANSWER 13: Provide 2-2" conduits each area for future SCADA/instrumentation installations.

QUESTION 14: Panel H1 has a KAIC rating of 10 and Panel L1 has a KAIC rating of 65, is that correct?
ANSWER 14: Panel H1shall be rated 65 KAIC, and panel L1 shall be rated 22 KAIC.

QUESTION 15: Panel H1 has (20) twenty 200 amp 3 pole breakers listed as spares, is this correct as it affects the size of the panel?
ANSWER 15: Panel H1 shall be main lugs only, with feed thru lugs and identified branch breakers as shown. In lieu of spare breakers shown on the panel schedule, provide the following spare breakers; (1) 400A/3P spare breaker, (1) 200A/3P spare breaker. Provide nominal maximum 76-inch-high panelboard, with filler panels in any remaining spaces.

QUESTION 16: The effluent flowmeter is called out as 12" on the equipment schedule and is shown as 16" on C3. Please confirm the size.
ANSWER 16: The correct size is 16". The schedule has been corrected.

QUESTION 17: Do we need a chart recorder for each flowmeter? Only one is shown on the instrument schedule, but one for each flowmeter is called out in specifications.
ANSWER 17: A chart recorder is only required for the effluent flowmeter. See revised specification for details and for additional revisions.

ATTACHMENTS:

1. **Revised Specification Section 17100**
2. **Revised Drawing Sheet G-5**
3. **Revised Drawing Sheet C-3**
4. **Revised Drawing Sheet C-4**
5. **Revised Drawing Sheet 2S-1**
6. **Revised Drawing Sheet 3S-1**
7. **Revised Drawing Sheet 3S-5**
8. **Revised Drawing Sheet E500**

End of Addendum #4

SECTON 17100 – INSTRUMENTATION

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS:

A. The Contractor shall furnish and install all instrumentation as shown on the drawings and as indicated herein.

PART 2 – PRODUCTS

2.1 MAGNETIC FLOW METERS AND ACCESSORIES

A. The Contractor shall furnish and install all instrumentation equipment as shown on the drawings and as specified herein and as required to provide a complete and operational system. The flow sensor tube shall be made of stainless steel with carbon steel or stainless steel flanges pressure rated as required for the piping system as specified in other sections of the specifications. A wafer style sensor will not be acceptable. The flow sensor shall be to NEMA 6 (IP-68) suitable for permanent submersion to 30 feet. The signal transmitter shall translate the signal induced in the flow sensor into proportional analog output. There shall also be provided a digital indicator representing actual flow and total flow. The transmitter shall be remote, wall mounted in the electrical building. The signal transmitter shall have automatic zero stability and built-in "zero", "span", and "calibration" check circuitry. There shall be no need for external calibration devices. The flow range shall be digitally adjustable from 0-33 fps with a $1/100^{th}$ resolution. The output signal shall represent the true volumetric flow with a maximum error under application conditions not only under "reference" or laboratory calibration conditions. Accuracy: ±0.5% of reading for flows 1.0 fps – 33 fps. The transmitter shall have bi-directional flow capability and provide isolated 4-20 ma and scaleable pulse frequency outputs from separate terminals. A reverse flow indicator shall be provided. The signal transmitter shall be "user friendly". No programming knowledge shall be required for its operation. The enclosure shall meet NEMA 4X and IP65 standards. Furnish and install grounding rings where they are required or necessary for proper operation of the system such as where they are used in non-conductive piping or non-conductive piping lining systems. The contractor and vendor shall identify these locations and submit the ring drawings and installation instructions with flow meter submittals. Units and all accessories shall be rated for outdoor service with UV exposure.

B. Flow meters shall be ABB Watermaster FEW 325 or equal with polymer liner and remote transmitter/display. Transmitter shall be ABB Watermaster FET or equal. Remote Display shall indicate totalized flow and instantaneous flow. Contractor shall provide and install the required length of Manufacturer's cabling for connection between the flow meter and the remote mounted transmitters.

C. Magnetic flow meter shall be guaranteed for a period of 3 years after placing into operation. Flow range shall be as shown on drawings or determined during shop drawing review.

2.2 CIRCULAR CHART RECORDERS

A. The Contractor shall furnish and install a circular chart recorder for the effluent flow meter. Chart recorder shall be mounted on outside wall of electrical building.

B. Recorders shall be 10' circular with a 1 year supply of charts scaled 0-100%. Charts shall be daily or weekly as selected by Owner. Recorder shall indicate instantaneous flow and totalized flow on an

electronic display. Recorder shall be ABB C1300 or approved equal. Case shall be for wall mounting. Supply 1 year supply of charts scaled 0-100%. Recorder shall have the capability of being switched from daily to weekly recording.

C. The recorder shall be mounted in a NEMA 4X non-metallic enclosure with a Plexiglas cutout for extra rain protection and for viewing from the outside.

PART 3 – EXECUTION

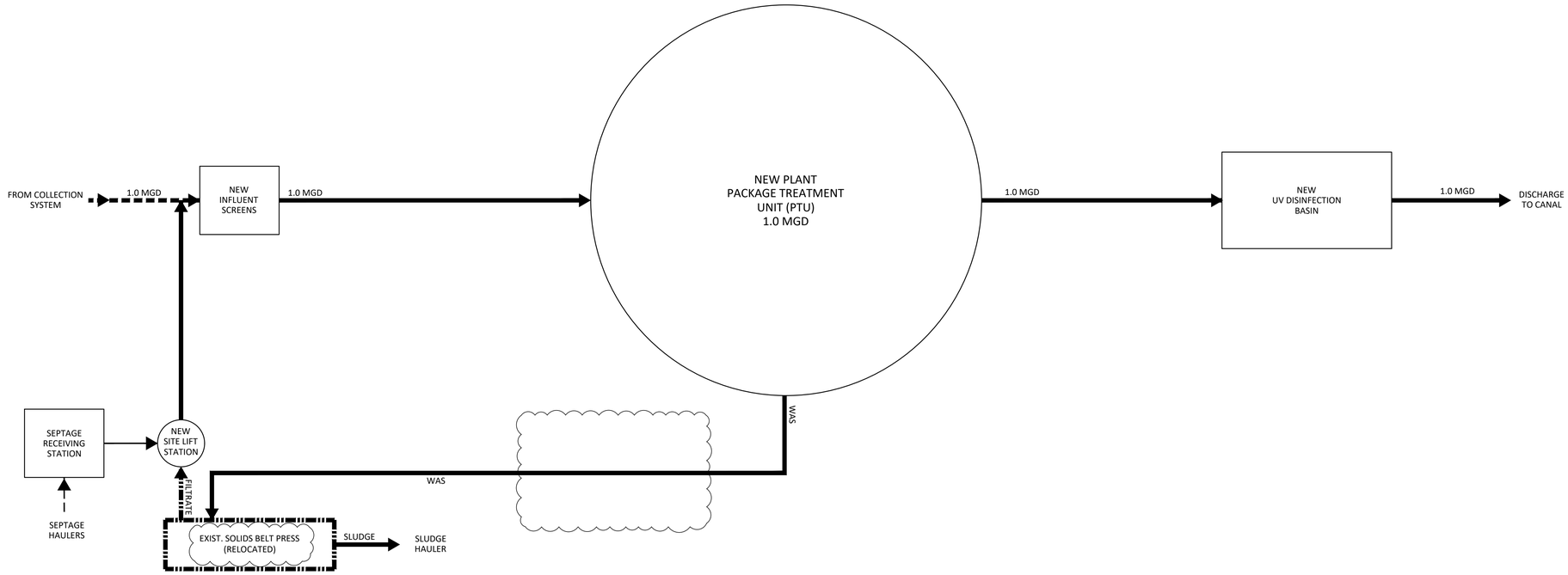
3.1 INSTALLATION

A. Installation shall be in accordance with the manufacturer's recommendations.

END OF SECTION 17100

LEGEND

- EXISTING PROCESS
- NEW PROCESS
- MODIFIED PROCESS



PROCESS FLOW DIAGRAM

PROCESS DESIGN INFORMATION

GENERAL

FLOW

EXISTING ADF	0.850 MILLION GALLONS PER DAY

EXPANSION DESIGN

PROCESS ADF	1.0 MILLION GALLONS PER DAY
PLANT TOTAL ADF	1.0 MILLION GALLONS PER DAY
PEAKING FACTOR	2.95
PLANT TOTAL PHF	2.95 MILLION GALLONS PER DAY
PROCESS POPULATION EQUIVALENT	10,000

PACKAGE TREATMENT UNIT

EXTENDED AERATION PROCESS

VOLUME	1,147,993 GALLONS
DETENTION TIME AT ADF	28 HOURS
BOD LOADING AT ADF	1,671 POUNDS PER DAY
VOLUMETRIC BOD LOADING	11.1 POUNDS PER DAY PER 1000 CUBIC FEET
PROCESS AIR REQUIREMENT	2,380 CUBIC FEET PER MINUTE
MLSS	3,500 MILLIGRAMS PER LITER
RAS FLOW, MAXIMUM	694 GALLONS PER MINUTE
BLOWERS	3 TOTAL; 2 DUTY + 1 STANDBY
CAPACITY, EACH	1,200 CUBIC FEET PER MINUTE
DISCHARGE PRESSURE	9 POUNDS PER SQUARE INCH

AEROBIC SLUDGE DIGESTION

VOLUME	234,304 GALLONS
PROCESS AIR REQUIREMENT	940 CUBIC FEET PER MINUTE
BLOWERS	2 TOTAL; 1 DUTY + 1 STANDBY
CAPACITY, EACH	950 CUBIC FEET PER MINUTE
DISCHARGE PRESSURE	9 POUNDS PER SQUARE INCH

CLARIFICATION

DIAMETER	68 FEET
SIDE WATER DEPTH	13 FEET
SURFACE OVERFLOW RATE AT PHF	814 GALLONS PER DAY PER SQUARE FOOT
WEIR LOADING RATE AT PHF	14,772 GALLONS PER DAY PER LINEAR FOOT

ADF = AVERAGE DAILY FLOW
BOD = BIOCHEMICAL OXYGEN DEMAND
MLSS = MIXED LIQUOR SUSPENDED SOLIDS
PHF = PEAK HOURLY FLOW
RAS = RETURN ACTIVATED SLUDGE

ST. TAMMANY PARISH GOVERNMENT

DEPT. OF UTILITIES
ST. TAMMANY PARISH GOVERNMENT
620 N. TYLER STREET
COVINGTON, LA 70433

No.	DESCRIPTION OF REVISION	DATE:
1	ADDENDUM #4	11/26/24

DESIGNED BY:	KMD
DRAWN BY:	GAL
CHECKED BY:	KMD
SUBMITTED BY:	KYLE ASSOC.
PROJECT No.:	TU19000091
ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	

STATE OF LOUISIANA
KEVIN M. DRANE
License No. 35485
PROFESSIONAL ENGINEER

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CROSS GATES WWTP IMPROVEMENTS
SLIDELL, LOUISIANA
PROJECT No.: TU 19000097

PROCESS FLOW DIAGRAM – FINAL

SHEET NO.
G–5

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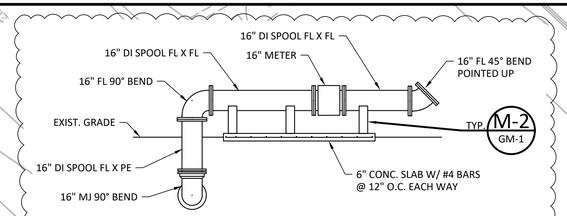
GENERAL SHEET NOTES:

1. SEE PHASING NOTES ON SHEET G-2 FOR REFERENCE PRIOR TO AND DURING CONSTRUCTION.
2. CONTRACTOR TO CONNECT PLANT 3 EFFLUENT TO UV EFFLUENT LINE DURING PHASE 1 CONSTRUCTION.
3. FITTINGS SHOWN ON PLAN ARE SUGGESTED BASED ON AVAILABLE INFORMATION REGARDING EXISTING PIPE SIZES AND LOACTIONS. ADDITIONAL FITTINGS MAY BE NEEDED TO MAKE THE CONNECTIONS REQUIRED AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO OWNER.
4. CONTRACTOR SHALL EXCAVATE AND EXPOSE EXISTING YARD PIPING TO CONFIRM PIPE SIZES AND LOCATIONS AND TO DETERMINE FITTINGS NEEDED TO MAKE TIE INS PRIOR TO ORDERING FITTINGS.



3 / C-3 EFFLUENT DISCHARGE
1" = 5'-0"

0 10' 20'

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ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	1"=10'-0"

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PROFESSIONAL ENGINEER
11/26/24

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YARD PIPING PLAN – I

SHEET NO.
C-3

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Plot Date: Monday, November 25, 2024 6:15:49 PM

User: Kevin Drane

File:N:\2020\20012 - Cross Gates WWTP Improvements\Drawings\Civil\20012-PL-SITE-PH1-YP.dwg

GENERAL SHEET NOTES:

1. SEE PHASING NOTES ON SHEET G-2 FOR REFERENCE PRIOR TO AND DURING CONSTRUCTION.

0 10' 20'

6" DI, MJ TEE

6" SFM FROM APARTMENTS

8"x6" DI, MJ TEE W/ BLIND FLANGE

6" SFM FROM APARTMENTS

4" PVC TEMP SFM TO PLANT 3- TO BE REMOVED AFTER NEW PLANT START UP

SEE SHEET C-3 FOR CONTINUATION

4" DI SFM (L=320')

4" WAS LINE TO BELT PRESS (L=515')

BURIED ISOLATION VALVES (SEE PHASING NOTE 8 ON SHT. G-2)

8" SFM FROM PHASE 5

4" SLUDGE DRAIN LINE TO BELT PRESS (L=515')

2" WATERLINE(L=107')

12" PVC DRAIN (L=83')

12" DRAIN LINE (L=22')

2" WATERLINE(L=60')

SITE LIFT STATION

SEPTAGE RECEIVING STATION

BACK FLOW PREVENTER

BELT PRESS

DIGESTER

PLANT 3

TOP OF SLAB ELEV.=22.42'

CHLORINE

BLOWER BLDG.

TANK

FILTER

BELT PRESS

60' EASEMENT

CANAL

TOP BANK

INV. 6.14

INV. 4.47

DRIVE ROAD

FENCE

LIFT STA. T-11.9' I-3.2'

WOODED AREA

GRAVEL ROAD

ASPHALT ROAD

P/P

GUY

WATER VALVE & FIRE HYDRANT

S 64°32'01" W 222.19'

(REF. LINE)

No.	DESCRIPTION OF REVISION	DATE:
1	ADDENDUM #4	11/26/24

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SUBMITTED BY:	KYLE ASSOC.
PROJECT No.:	TU19000091
ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	1"=10'-0"

STATE OF LOUISIANA
KEVIN M. DRANE
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11/26/24

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PROJECT No.: TU 19000097

YARD PIPING PLAN – II

SHEET NO.
C-4

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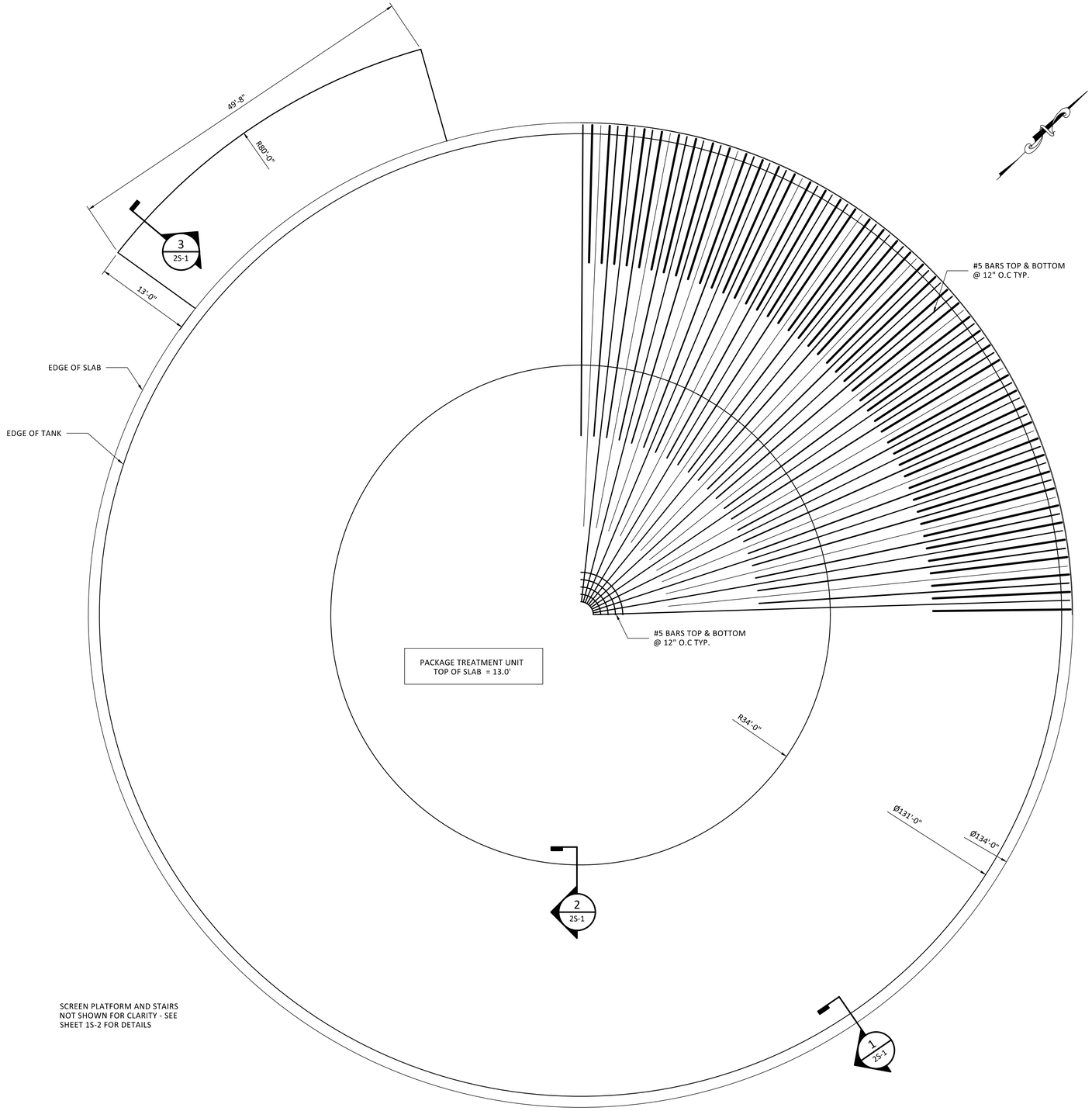
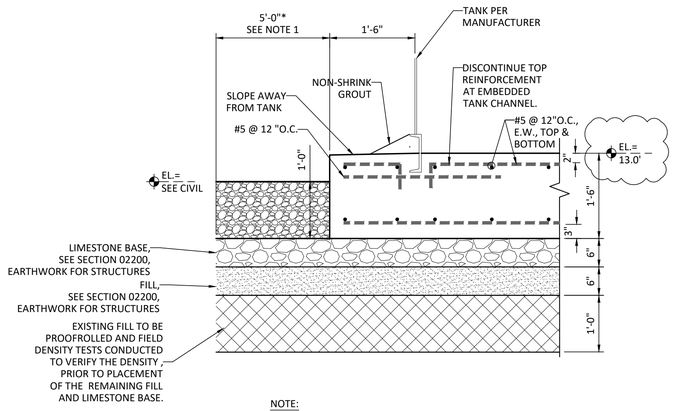


PACKAGE TREATMENT UNIT AND
PACKAGE TREATMENT UNIT BLOWER STATION FOUNDATION PLAN

1/8" = 1'-0"

GENERAL SHEET NOTES

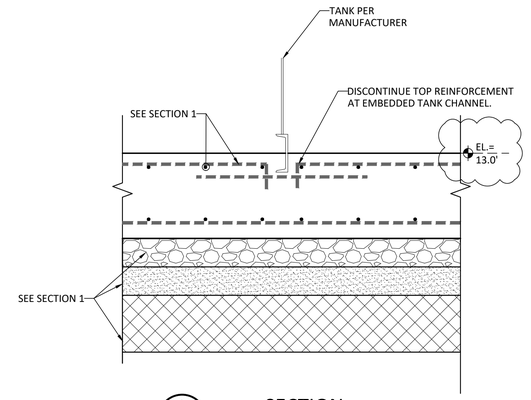
1. STAGE LOADING PER TANK MANUFACTURER'S RECOMMENDATIONS.
2. SEE EXACT LOCATION OF PACKAGE TREATMENT UNIT BLOWER STATION CONCRETE SLAB ON SHEET C-1.



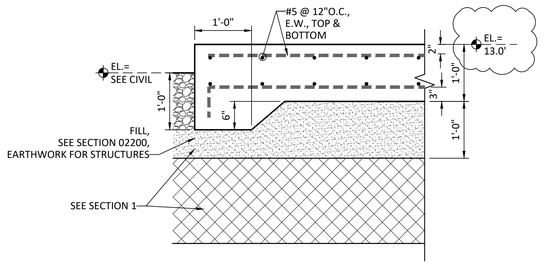
NOTE:

1. * LIMESTONE SHALL EXTEND AT LEAST 3 FT BEYOND THE EDGE OF THE SLAB IN AREAS WITH SITE CONSTRAINTS. IN ALL OTHER AREAS, IT SHALL EXTEND 5 FT.

1 / 2S-1 SECTION
3/4" = 1'-0"



2 / 2S-1 SECTION
3/4" = 1'-0"



3 / 2S-1 SECTION
3/4" = 1'-0"

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1	ADDENDUM #4	11/26/24

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DRAWN BY:	GAL
CHECKED BY:	KMD
SUBMITTED BY:	KYLE ASSOC.
PROJECT No.:	TU19000091
ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	

STATE OF LOUISIANA
KEVIN M. DRANE
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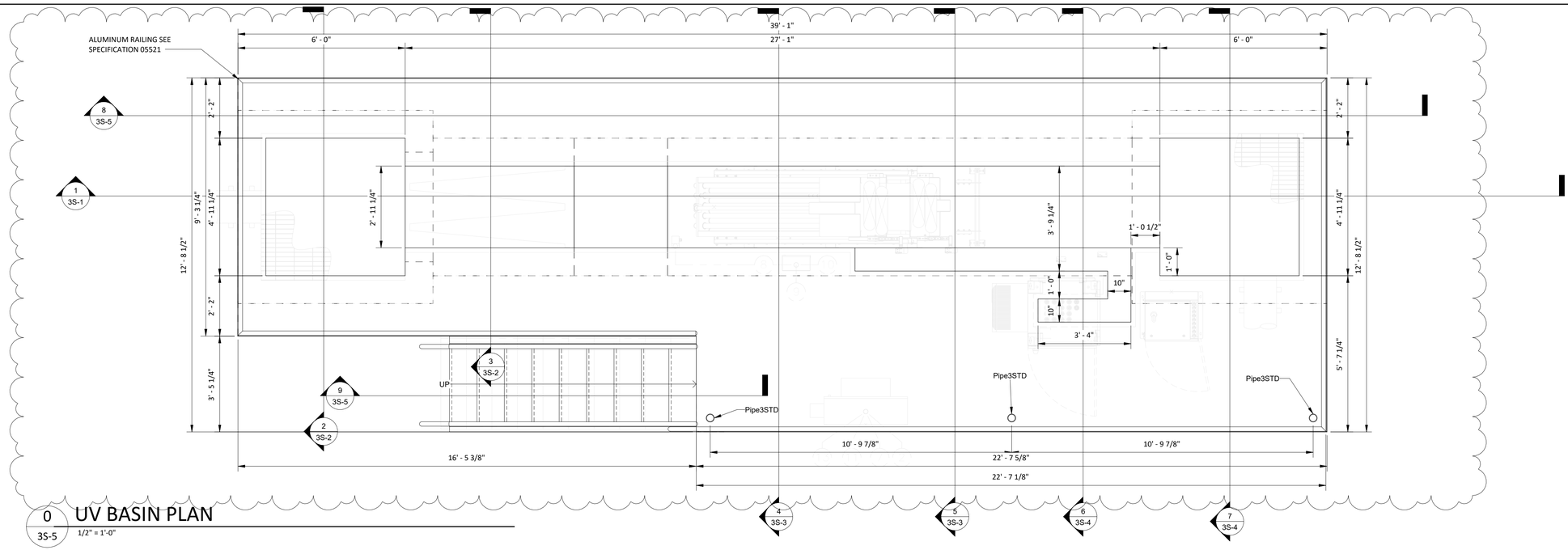
PROJECT No.: TU 19000097

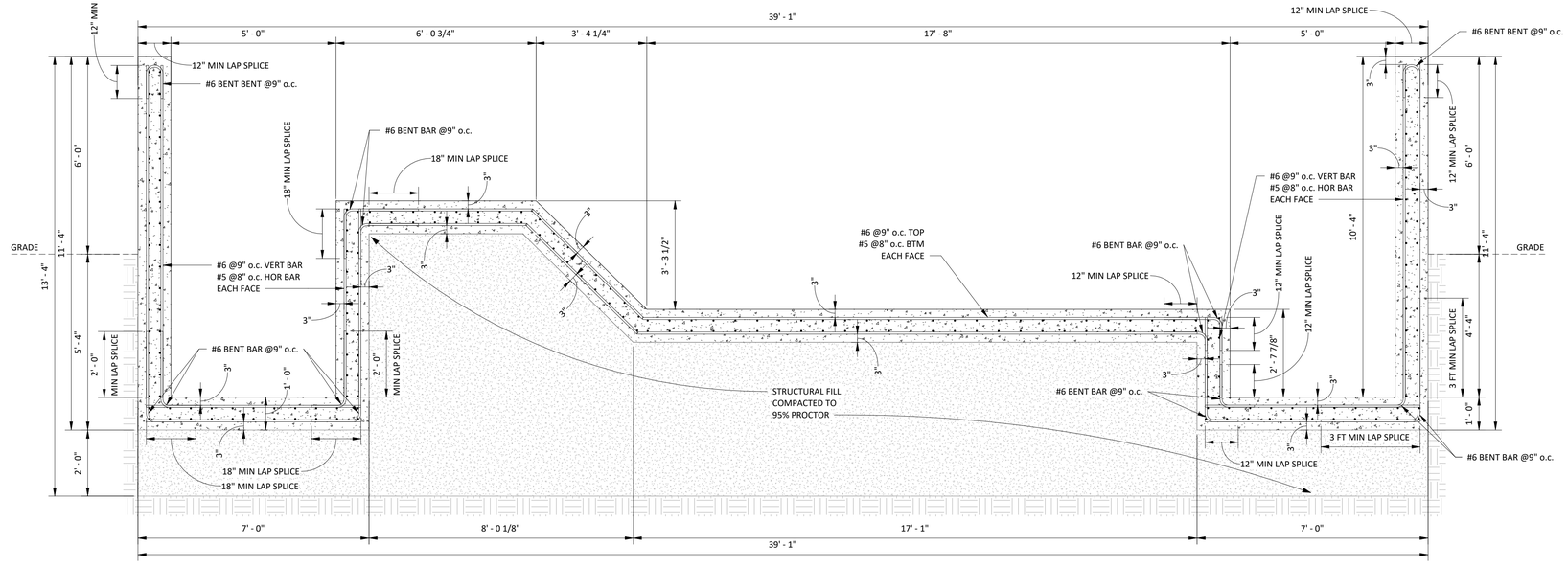
TREATMENT TANK FOUNDATION – PLAN AND SECTIONS

SHEET NO.
2S–1



0 3S-5 **UV BASIN PLAN**

1/2" = 1'-0"



1 3S-1 **Section 1**

1/2" = 1'-0"

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No.	DESCRIPTION OF REVISION	DATE:
	ADDENDUM #4	11/26/24

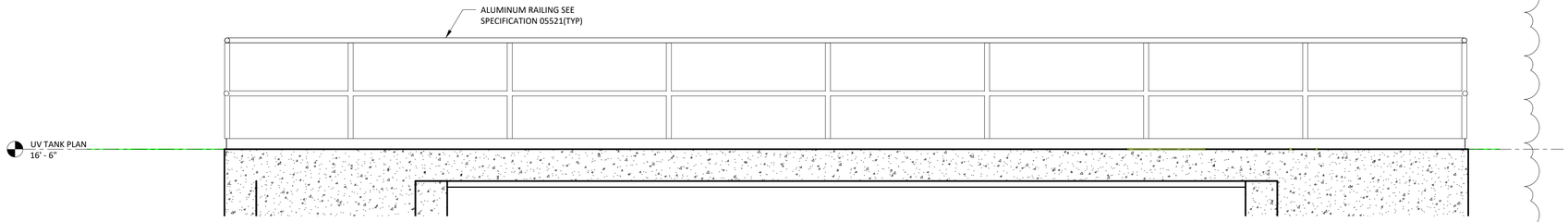
DESIGNED BY:	TPD
DRAWN BY:	JDE
CHECKED BY:	TPD
SUBMITTED BY:	KYLE ASSC.
PROJECT No.:	
ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	AS NOTED

STATE OF LOUISIANA
THOMAS DYER
License No. 36743
11/25/24
PROFESSIONAL ENGINEER

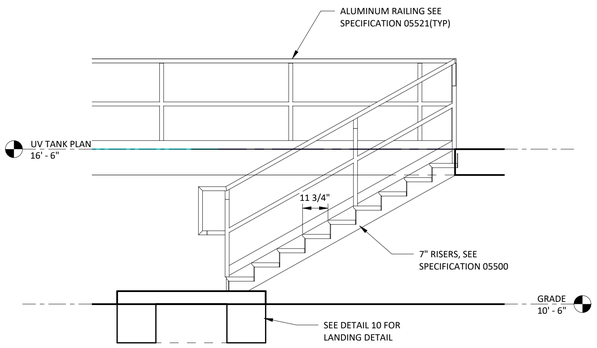
ST TAMMANY PARISH
CROSS GATES WWTP IMPROVEMENTS
SLIDELL, LOUISIANA
PROJECT No.: TU 19000097

UV BASIN – PLAN AND SECTION

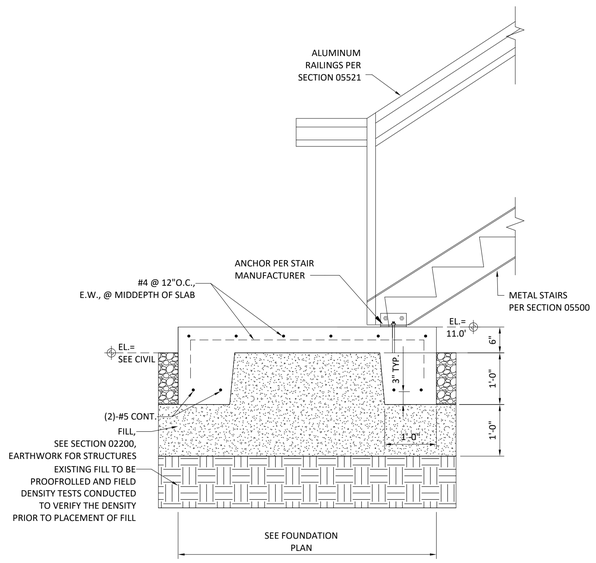
SHEET NO.
3S-1



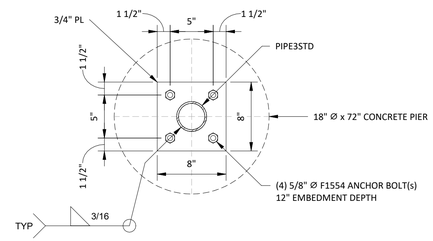
8 / 3S-1 SECTION
1/2" = 1'-0"



9 / 3S-1 SECTION
3/8" = 1'-0"



10 TYPICAL LANDING DETAIL
3/4" = 1'-0"



11 3/4" BASE PL DETAIL
1 1/2" = 1'-0"

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DEPT. OF UTILITIES
ST. TAMMANY PARISH GOVERNMENT
620 N. TYLER STREET
COVINGTON, LA 70433

No.	DESCRIPTION OF REVISION	DATE:
	ADDENDUM #4	11/26/24

DESIGNED BY:	TPD
DRAWN BY:	JDE
CHECKED BY:	TPD
SUBMITTED BY:	KYLE ASSC.
PROJECT No.:	
ISSUE DATE:	10/11/2024
APPROVED BY:	---
SHEET SIZE:	ANSI D
SCALE:	AS NOTED

STATE OF LOUISIANA
THOMAS DYER
License No. 36743
11/26/24
PROFESSIONAL ENGINEER

ST TAMMANY PARISH
CROSS GATES WWTP IMPROVEMENTS
SLIDELL, LOUISIANA
PROJECT No.: TU 19000097

UV BASIN DETAILS

SHEET NO.
3S-5

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2

NAME: H1

LOCATION: ELEC 204

VOLTAGE (L-L): 480
VOLTAGE (L-N): 277
NUMBER OF PHASES: 3
NEUTRAL BUS: YES
FEED-THRU LUGS: YES

BUS: 800
MAIN: MLO
KAIC: 65
NEMA 1 SURFACE

CKT #	ITEM	AMP RATE	# POLE	LEFT LOADING (VA) A	LEFT LOADING (VA) B	LEFT LOADING (VA) C	RIGHT LOADING (VA) A	RIGHT LOADING (VA) B	RIGHT LOADING (VA) C	# POLE	AMP RATE	ITEM	CKT #
1				14411			18000						2
3	40 HP BLOWER	100	3		14411			18000		3	70	54 KW TANKLESS WATER HEATER	4
5						14411			18000				6
7				14411									8
9	40 HP BLOWER	100	3		14411					3		SPACE	10
11						14411							12
13				443									14
15	CLARIFIER	15	3		443					3		SPACE	16
17						443							18
19													20
21	SPACE		3							3		SPACE	22
23													24
25													26
27	SPACE		3							3		SPACE	28
29													30
31	SPACE									-	-	SPACE	32
33	SITE LIGHTING	20	1		624					-	-	SPACE	34
35	SITE LIGHTING	20	1			624				-	-	SPACE	36
37	SITE LIGHTING	20	1	624						-	-	SPACE	38
39	SITE LIGHTING	20								-	-	SPACE	40
41	SPACE									-	-	SPACE	42
				29889	29889	29889	18000	18000	18000				

	(VA)	(A)
TOTAL CONNECT LOAD:	143666	
PHASE A:	47889	173
PHASE B:	47889	173
PHASE C:	47889	173
PEAK DEMAND LOAD:	143666	
PHASE A:	47889	173
PHASE B:	47889	173
PHASE C:	47889	173

	LOAD	DVRSTY	DMND
1 LIGHTS	1872	1.00	1872
2 RECEPT <10KVA	0	1.00	0
RECEPT >10KVA	0	1.00	0
3 AHU BLOWER	0	1.00	0
4 CONDENSER	0	1.00	0
5 HEAT	0	1.00	0
6 HPU	0	1.00	0
7 WATER HEAT	54000	1.00	54000
8 REFRIGERATION	0	1.00	0
9 KITCHEN	0	1.00	0
10 ELEVATOR	0	1.00	0
11 MISC	0	1.00	0
12 SUBFEED DEM	87794	1.00	87794

NOTES:
* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.
* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.
* PROVIDE INTEGRAL TVSS - 120 KA

NAME: L1

LOCATION: MAIN ELEC

VOLTAGE (L-L): 208
VOLTAGE (L-N): 120
NUMBER OF PHASES: 3
NEUTRAL BUS: YES
FEED-THRU LUGS: NO

BUS: 225
MAIN: MLO
KAIC: 65
NEMA 1 SURFACE

CKT #	ITEM	AMP RATE	# POLE	LEFT LOADING (VA) A	LEFT LOADING (VA) B	LEFT LOADING (VA) C	RIGHT LOADING (VA) A	RIGHT LOADING (VA) B	RIGHT LOADING (VA) C	# POLE	AMP RATE	ITEM	CKT #
1	ELECTRICAL BUILDING LIGHTS	20	1	1600			732			1	20	INFLUENT SCREEN	2
3	ELECTRICAL BUILDING RECEPTACLES	20	1		1600			732		1	20	INFLUENT SCREEN	4
5	ELECTRICAL BUILDING RECEPTACLES	20	1			1600			1600	1	20	PLC	6
7	CLARIFIER RECEPTACLES	20	1	400			240			1	20	BELT PRESS LIGHITNG	8
9	SPARE	20	1							1	20	SPARE	10
11	SPACE											SPACE	12
13	SPACE											SPACE	14
15	SPACE											SPACE	16
17	SPACE											SPACE	18
19	SPACE											SPACE	20
21	SPACE											SPACE	22
23	FCU-1A	15	2			89						SPACE	24
25				89								SPACE	26
27	FCU-2A	15	2		89			4160		2	50	CU-1	28
29						89			4160				30
				2089	1689	1779	972	4892	5760				

	(VA)	(A)
TOTAL CONNECT LOAD:	17182	
PHASE A:	3061	25
PHASE B:	6581	55
PHASE C:	7539	63
PEAK DEMAND LOAD:	6772	
PHASE A:	2406	20
PHASE B:	1966	16
PHASE C:	2400	20

	LOAD	DVRSTY	DMND
1 LIGHTS	240	1.00	240
2 RECEPT <10KVA	400	0.50	200
RECEPT >10KVA	0	0.50	0
3 AHU BLOWER	0	1.00	0
4 CONDENSER	4518	0.00	0
5 HEAT	0	1.00	0
6 HPU	0	1.00	0
7 WATER HEAT	0	0.50	0
8 REFRIGERATION	0	0.50	0
9 KITCHEN	0	0.50	0
10 ELEVATOR	4800	1.00	4800
11 MISC	3064	0.50	1532
12 SUBFEED DEM	0	1.00	0

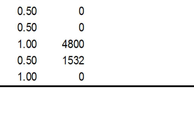
NOTES:
* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.
* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.
* PROVIDE INTEGRAL TVSS - 120 KA

1 PANEL SCHEDULE
SCALE: NONE

DEPT. OF UTILITIES
ST. TAMMANY PARISH GOVERNMENT
620 N. TYLER STREET
COVINGTON, LA 70433

No.	DESCRIPTION OF REVISION	DATE:
A	ISSUE FOR BID	10/24
1	ADDENDUM #3	11/15/24
2	ADDENDUM #4	11/26/24

DESIGNED BY: CSS
DRAWN BY: GEM
CHECKED BY: CSS
SUBMITTED BY: KYLE ASSOC.
PROJECT No.: TU19000091
ISSUE DATE: 10/11/2024
APPROVED BY: ---
SHEET SIZE: ANSI D
SCALE:



10/28/2024

ST TAMMANY PARISH
CROSS GATES WWTP IMPROVEMENTS
SLIDELL, LOUISIANA
PROJECT No.: TU 19000097
ELECTRICAL PANEL SCHEDULES

SHEET NO.
E500

MCA Engineering & Construction
BATON ROUGE - NEW ORLEANS
JOB NO: STP22003
BG: 801
PROJECT MANAGER: KIMBALL SCHLAFLY
DATE: 10-28-2024

Kyle Associates, LLC
Planning, Engineering, and Landscape Architecture
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