

**ADDENDUM NO. 1
CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS**

July 28, 2021

LJA JOB NO. B883-1015C (9.4)

The following changes will be considered part of the Construction Plans, Bid Proposal and Contract Documents:

1.) Reference: **Contract Documents – List of Drawings**

Replace: Page 1 of 2 with revised Page 1 of 2 (attached).

2.) Reference: **Contract Documents – Bid Proposal**

Replace: Pages 1 through 18 of 18 with revised Pages 1 through 20 of 20 (attached).

3.) Reference: **Construction Plans**

Replace: Sheets 1-G0.10, 1-E1.01, 2-E1.01, 1-E2.01, H6, C2, C3, C7, E3, E4, E5, E6, E7, E8, and E9 with revised Sheets 1-G0.10, 1-E1.01, 2-E1.01, 1-E2.01, H6, C2, C3, C7, E3, E4, E5, E6, E7, E8, and E9 (attached).

There are no other changes or revisions to the Construction Plans, Bid Proposal and Contract Documents at this time.

**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS**

LJA JOB NO. B883-1015C

LIST OF DRAWINGS

ARCHITECTURAL PLANS:

1-G0.10 SHEET INDEX, LEGEND, ABBREVIATIONS & MATERIAL INDICATIONS
1-G0.20 TEXAS ACCESSIBILITY STANDARDS
1-G0.20.1 TEXAS ACCESSIBILITY STANDARDS
1-G0.21 ACCESSIBILITY CODE & DETAILS
1-A0.01 OVERALL SITE PLAN
1-A1.01 LEVEL 1 OVERALL PLAN
1-A1.03 ROOF LEVEL & RCP
1-A2.00 OVERALL ELEVATIONS
1-A3.00 OVERALL BUILDING SECTIONS
1-A3.01 WALL SECTIONS
1-A4.00 DETAILS
1-S0.00 STRUCTURAL NOTES
1-S0.01 STRUCTURAL NOTES
1-S1.01 FOUNDATION PLAN
1-S1.02 ROOF FRAMING PLAN
1-S1.03 CUPOLA FRAMING PLAN
1-S3.00 CONCRETE DETAILS
1-S3.01 CONCRETE DETAILS
1-S3.02 CONCRETE DETAILS
1-S3.10 FOUNDATION DETAILS
1-S5.10 STEEL DETAILS
1-S5.11 STEEL DETAILS
1-S5.12 STEEL DETAILS
1-S7.00 WOOD SHEETS
1-S7.01 WOOD SHEETS
1-S7.02 WOOD SHEETS
1-S8.00 CMU DETAILS
1-M2.02 MECHANICAL FLOOR PLAN - HOLIDAY MARINA PAVILION
1-E1.01 ELECTRICAL FLOOR PLAN - CANEY POINT PAVILION
1-E2.01 ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
1-P1.01 PLUMBING FLOOR PLAN - HOLIDAY MARINA PAVILION
2-GO VOLUME 2 RESTROOM BUILDING COVER
2-A1.01 LEVEL 1 PLAN
2-A1.02 ROOF PLAN & REFLECTED CEILING PLAN
2-A2.00 BUILDING ELEVATIONS & SECTIONS
2-A3.10 WALL SECTIONS, EXTERIOR ENVELOPE DETAILS
2-A4.20 DETAILS
2-A5.20 SCHEDULES AND DOOR & WINDOW TYPES
2-S1.01 RESTROOM FOUNDATION PLAN
2-S1.02 RESTROOM ROOF FRAMING PLAN
2-S3.10 FOUNDATION DETAILS
2-S5.10 STEEL DETAILS
2-S7.10 FRAMING DETAILS
2-M2.01 MECHANICAL FLOOR PLAN - RESTROOM
2-E1.01 ELECTRICAL FLOOR PLAN – **HOLIDAY MARINA PAVILION**
2-E2.01 ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
2-P2.01 PLUMBING FLOOR PLAN RESTROOM

BID PROPOSAL

Date: _____

Bid of _____
(Legal Name of Bidder – Company)

- an individual proprietorship
- a corporation organized and existing under the laws of _____
- a partnership consisting of _____

- a joint venture
- other _____

FOR:

**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS
LJA JOB NO. B883-1015C**

TO:

SABINE RIVER AUTHORITY
Lake Tawakoni Division Office
169 Rcr 1480
Point, Texas 75472

BID PROPOSAL

**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
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SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS
LJA JOB NO. B883-1015C**

Ladies and Gentlemen:

Pursuant to the foregoing Invitation and Instructions to Bidders, the undersigned bidder hereby proposes to do all the work for the unit prices bid to furnish all necessary superintendence, labor, machine, equipment, tools, materials, insurance and miscellaneous items, to complete all work according to the bids, as provided in the construction plan and contract documents for the construction of the Lake Tawakoni Tournament Facility Architectural and Utilities, and clean up the site to the satisfaction of the Owner/Engineer, and bind himself on acceptance of this proposal to execute a contract and bonds for completing said project within the time stated for the following prices, to wit:

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ARCHITECTURAL ITEMS					
1.	CONCRETE PIERS AND FOUNDATIONS FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
2.	MASONRY FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
3.	STRUCTURAL STEEL FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
4.	ROUGH CARPENTRY FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
5.	FINISH CARPENTRY FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
6.	WATERPROOFING FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
7.	METAL ROOFING FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____

* Denotes Minimum Unit Price Bid for Each Item

BID PROPOSAL

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ARCHITECTURAL ITEMS					
8.	JOINT SEALANTS FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
9.	PAINTING AND STAINING FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
10.	SPECIALTIES FOR PAVILION, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
11.	PLUMBING ITEMS FOR PAVILION INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
12.	ELECTRICAL ITEMS FOR PAVILION INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
13.	MECHANICAL ITEMS FOR PAVILION INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
14.	CONCRETE PIERS AND FOUNDATIONS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
15.	MASONRY FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
16.	STRUCTURAL STEEL FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
17.	ROUGH CARPENTRY FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ARCHITECTURAL ITEMS					
18.	FINISH CARPENTRY FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
19.	WATERPROOFING FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
20.	METAL ROOFING FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
21.	JOINT SEALANTS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
22.	PAINTING AND STAINING FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
23.	SPECIALTIES FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
24.	FIBER-CEMENT SIDING FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
25.	METAL DOORS, FRAMES, AND HARDWARE FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
26.	ALUMINUM WINDOWS AND LOUVERS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
27.	SOLID SURFACING COUNTERTOPS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ARCHITECTURAL ITEMS					
28.	PLUMBING ITEMS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
29.	ELECTRICAL ITEMS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
30.	MECHANICAL ITEMS FOR RESTROOM, INSTALLED PER PLAN, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
SUBTOTAL ARCHITECTURAL ITEMS				\$ _____	

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LJA JOB NO. B883-1015C**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
HARDSCAPE ITEMS					
1.	60' HEIGHT FLAGPOLE INCLUDING STRUCTURAL SHOP DRAWINGS, ALL HARDWARE, AND ONE (1) FLAG PER PLANS, INSTALLED COMPLETE IN PLACE	EA	1	\$ _____	\$ _____
2.	40' HEIGHT FLAGPOLE INCLUDING STRUCTURAL SHOP DRAWINGS, ALL HARDWARE, AND ONE (1) FLAG PER PLANS, INSTALLED COMPLETE IN PLACE	EA	2	\$ _____	\$ _____
3.	VEHICULAR BOLLARDS INCLUDING STRUCTURAL SHOP DRAWINGS, GROUND SLEEVE EMBEDDED IN CONCRETE, LOCK MECHANISM, AND ALL NECESSARY HARDWARE. INSTALLED COMPLETE IN PLACE	EA	16	\$ _____	\$ _____
4.	INSTALLATION ONLY - ADA PICNIC TABLE; OWNER TO PROVIDE FURNISHINGS; LOCATION TO BE PER PLANS; INSTALLED COMPLETE INCLUDING ALL NECESSARY HARDWARE	EA	1	\$ _____	\$ _____
5.	INSTALLATION ONLY - PICNIC TABLE; OWNER TO PROVIDE FURNISHINGS; LOCATION TO BE PER PLANS; INSTALLED COMPLETE INCLUDING ALL NECESSARY HARDWARE	EA	2	\$ _____	\$ _____
6.	INSTALLATION ONLY – BENCHES; OWNER TO PROVIDE FURNISHINGS; LOCATION TO BE PER PLANS; INSTALLED COMPLETE INCLUDING ALL NECESSARY HARDWARE	EA	2	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
HARDSCAPE ITEMS					
7.	INSTALLATION ONLY – TRASH RECEPTACLE; OWNER TO PROVIDE FURNISHINGS; LOCATION TO BE PER PLANS; INSTALLED COMPLETE INCLUDING ALL NECESSARY HARDWARE	EA	2	\$ _____	\$ _____
SUBTOTAL HARDSCAPE ITEMS				\$ _____	

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
LANDSCAPE ITEMS					
1.	POINT OF CONNECTION INCLUDING TAP, BACKFLOW PREVENTER, SECURITY CAGE, AND MASTER VALVE, INSTALL COMPLETE	LS	1	\$ _____	\$ _____
2.	IRRIGATION CONTROLLER INCLUDING ELECTRICAL, WIRING, RAIN SENSOR AND MOUNTING, COMPLETE IN PLACE AND OPERATIONAL	LS	1	\$ _____	\$ _____
3.	2" MAINLINE, INSTALL COMPLETE	LF	180	\$ _____	\$ _____
4.	QUICK COUPLER VALVE, INSTALL COMPLETE	EA	2	\$ _____	\$ _____
5.	TREE BUBBLER ZONE, INCLUDING CONTROL VALVE, VALVE BOX, LATERAL PIPING, FITTINGS, BUBBLERS, WIRING AND ALL NECESSARY MATERIAL, INSTALL COMPLETE	EA	1	\$ _____	\$ _____
6.	SHRUB SPRAY ZONE, INCLUDING CONTROL VALVE, VALVE BOX, LATERAL PIPING, FITTINGS, WIRING AND ALL NECESSARY MATERIAL, INSTALL COMPLETE	EA	3	\$ _____	\$ _____
7.	6" IRRIGATION SLEEVES, INSTALLED COMPLETE	LF	100	\$ _____	\$ _____
8.	GRAPE MYRTLE MULTI-TRUNK, 65 GAL. INSTALLED COMPLETE	EA	14	\$ _____	\$ _____
9.	BICOLOR IRIS, 3 GAL. INSTALLED COMPLETE	EA	132	\$ _____	\$ _____
10.	PINK MUHLY GRASS, 3 GAL. INSTALLED COMPLETE	EA	76	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
LANDSCAPE ITEMS					
11.	MEXICAN FEATHER GRASS, 1 GAL. INSTALLED COMPLETE	EA	358	\$ _____	\$ _____
12.	KNOCKOUT SHRUB ROSE, 3 GAL. INSTALLED COMPLETE	EA	41	\$ _____	\$ _____
13.	ASIAN JASMINE, 4" CONT. INSTALLED COMPLETE	EA	287	\$ _____	\$ _____
14.	SOCIETY GARLIC, 3 GAL. INSTALLED COMPLETE	EA	136	\$ _____	\$ _____
15.	LANDSCAPE BED PREPARATION	SF	3,132	\$ _____	\$ _____
16.	2" THICK HARDWOOD MULCH, INSTALLED COMPLETE	CY	20	\$ _____	\$ _____
17.	6" PLANTING SOIL MIX, INSTALLED COMPLETE	CY	60	\$ _____	\$ _____
18.	BERMUDA GRASS – SOD	SF	26,539	\$ _____	\$ _____
19.	SHOVEL CUT EDGE	LF	40	\$ _____	\$ _____
SUBTOTAL LANDSCAPE ITEMS				\$ _____	

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
CIVIL ITEMS					
1.	2" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,677	\$ _____	\$ _____
2.	¾" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	216	\$ _____	\$ _____
3.	2" TO ¾" REDUCER, COMPLETE IN PLACE	EA	2	\$ _____	\$ _____
4.	2" AWWA GATE VALVE AND BOX, MULTIPLE LOCATIONS PER PLAN, COMPLETE IN PLACE	EA	4	\$ _____	\$ _____
5.	2" X 2" TAPPING SLEEVE AND VALVE, COMPLETE IN PLACE	EA	1	\$ _____	\$ _____
6.	WATER LINE TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,893	\$ _____	\$ _____
7.	2" SDR-26 P.V.C. SANITARY SEWER FORCE MAIN , PER ASTM D2241, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,096	\$ _____	\$ _____
8.	1 ½" SDR-26 P.V.C. SANITARY SEWER PIPE, PER ASTM D2241, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	90	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
CIVIL ITEMS					
9.	3/4" SDR-26 P.V.C. SANITARY SEWER PIPE, PER ASTM D2241, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	482	\$ _____	\$ _____
10.	P30 - 1 HP IRRIGATION PUMP, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
11.	2,000 GALLON PRETREATMENT TANK, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
12.	2,000 GALLON DOSING TANK IHP PROVORE, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
13.	1,000 GALLON TREATMENT PLANT, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$ _____	\$ _____
14.	2,000 GALLON IRRIGATION PUMP TANK, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
15.	K-RAIN PROPLUS RCW AEROBIC SEPTIC SYSTEM SPRINKLER HEAD, MULTIPLE LOCATIONS PER PLAN, COMPLETE IN PLACE	EA	8	\$ _____	\$ _____
16.	BORE AND JACK OR AUGER FOR 2" SANITARY SEWER LINE, COMPLETE IN PLACE	LF	44	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
CIVIL ITEMS					
17.	SANITARY SEWER TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,698	\$ _____	\$ _____
18.	5" REINFORCED CONCRETE PAVEMENT FOR PEDESTRIAN WALKWAY, COMPLETE IN PLACE	SY	950	\$ _____	\$ _____
19.	7" REINFORCED CONCRETE PAVEMENT FOR PAVILION, COMPLETE IN PLACE	SY	998	\$ _____	\$ _____
20.	DRAINAGE ROCK GRAVEL FOR IRRIGATION, FINISHED, COMPLETE IN PLACE	CY	89	\$ _____	\$ _____
21.	8" LIME STABILIZED SUB-GRADE FOR PEDESTRIAN WALKWAY, AS DIRECTED BY ENGINEER (MANIPULATION), COMPLETE IN PLACE	SY	950	\$ _____	\$ _____
22.	6" CEMENT STABILIZED SUB-GRADE FOR PAVILION (MANIPULATION), COMPLETE IN PLACE	SY	998	\$ _____	\$ _____
23.	6" P.V.C. STORM SEWER PIPE WITH WATER TIGHT JOINTS (WT). ALL CUTS, INCLUDES FITTINGS, CEMENT STABILIZED SAND BACKFILL TO WITHIN 1' OF SUBGRADE (AS REQUIRED), ALL DEPTHS, COMPLETE IN PLACE	LF	214	\$ _____	\$ _____
24.	NDS PART #620 POP UP EMITTER, MULTIPLE LOCATIONS, INSTALLED PER PLAN, COMPLETE IN PLACE	EA	4	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
CIVIL ITEMS					
25.	NDS PART #101 6" SPEE-D BASIN, MULTIPLE LOCATIONS, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	EA	12	\$ _____	\$ _____
26.	NDS 6" ROUND SATIN BRASS GRATE WITH STYRENE COLLAR, ADA COMPLIANT, MULTIPLE LOCATIONS, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	EA	8	\$ _____	\$ _____
27.	4" SDR-26 P.V.C. SANITARY SEWER PIPE, PER ASTM D2241, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	30	\$ _____	\$ _____
SUBTOTAL CIVIL ITEMS				\$ _____	

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ELECTRICAL ITEMS					
1.	INCOMING ELECTRICAL SERVICE EXCLUSIVE OF CHARGES FROM THE UTILITY PROVIDER (WOOD COUNTY ELECTRIC COOP) THAT ARE COVERED BY THE ELECTRICAL ALLOWANCE, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
2.	ELECTRICAL SERVICE RACK COMPLETE IN PLACE, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
3.	LIGHT POLES INSTALLED WITHOUT ELECTRICAL, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	EA	5	\$ _____	\$ _____
4.	ALL ELECTRICAL CONDUIT AND WIRING, IN PLACE, ABOVE GROUND OR UNDERGROUND INCLUDING GROUNDING, INSTALLED PER PLAN, PER ITEM SPECIFICATION, AND PER BID DOCUMENTS, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
MISCELLANEOUS ITEMS					
1.	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES CONTRACTOR'S NOI, NOT, SWPPP BOOKLET, AND ALL ITEMS NOT SPECIFICALLY LISTED IN THE BID PROPOSAL, COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
2.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION ENTRANCE/EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$ _____	\$ _____
3.	REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,884	\$ _____	\$ _____
4.	6" P.V.C. SLEEVES, SCHEDULE 40, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	200	\$ _____	\$ _____
5.	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 98% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$ _____	\$ _____
6.	MOBILIZATION (COST NOT TO EXCEED 5% OF TOTAL CONTRACT AMOUNT)	EA	1	\$ _____	\$ _____
7.	PERFORMANCE AND PAYMENT BONDS	LS	1	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
MISCELLANEOUS ITEMS					
8.	MAINTENANCE BOND (100% OF TOTAL CONTRACT AMOUNT, 1-YEAR DURATION, TO BE PROVIDED WITH FINAL PAY APPLICATION)	LS	1	\$ _____	\$ _____
9.	HYDROMULCH SEEDING OF DISTURBED AREAS (TO BE USED ONLY AT THE DISCRETION OF THE ENGINEER), COMPLETE IN PLACE	AC	2	\$ _____	\$ _____
10.	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$ _____	\$ _____
SUBTOTAL MISCELLANEOUS ITEMS				\$ _____	

* Denotes Minimum Unit Price Bid for Each Item

BID PROPOSAL

**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS
LJA JOB NO. B883-1015C**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT
ALTERNATE BID ITEMS					
1.	CONTRACTOR TO PROVIDE IRRIGATION PUMP AT LAKE. INSTALLED COMPLETE. INCLUDES ALL NECESSARY APPURTENANCES SUCH AS ELECTRICAL CONNECTION, CONDUIT, BREAKER BOX, WEATHERPROOF COMPONENTS, FILTERS, PRESSURE REGULATORS, FLUSH VALVES, MASTER VALVE, ETC. IRRIGATION PUMP LOCATION TO BE DETERMINED IN THE FIELD WITH OWNER AND/OR LANDSCAPE ARCHITECT. ALL IRRIGATION COMPONENTS TO BE RATED FOR RECLAIMED WATER CONDITIONS	LS	1	\$ _____	\$ _____
2.	LANDSCAPE MAINTENANCE	MO	3	\$ _____	\$ _____
SUBTOTAL ALTERNATE BID ITEMS				\$ _____	

Contractor is required to bid Alternate Bid. OWNER retains the right to evaluate the bid based on the base bid alone, considering one Alternate or more than one Alternate, whichever is deemed most advantageous to the OWNER.

* Denotes Minimum Unit Price Bid for Each Item

BID PROPOSAL

**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS
LJA JOB NO. B883-1015C**

PROPOSAL BIDDING SUMMATION

SUBTOTAL ARCHITECTURAL ITEMS	\$ _____
SUBTOTAL HARDSCAPE ITEMS	\$ _____
SUBTOTAL LANDSCAPE ITEMS	\$ _____
SUBTOTAL CIVIL ITEMS	\$ _____
SUBTOTAL ELECTRICAL ITEMS	\$ _____
SUBTOTAL MISCELLANEOUS ITEMS	\$ _____
TOTAL AMOUNT BASE BID	\$ _____
SUBTOTAL ALTERNATE BID ITEMS	\$ _____
TOTAL AMOUNT BID INCLUDING ALTERNATE BID ITEMS	\$ _____

It is understood that in the event the successful bidder fails to enter into the Contract and to furnish a Performance Bond and Payment Bond in the amount of 100 percent of the Contract and for all parts of the work, as specified in the Instructions to Bidders, the Bidder will forfeit the Certified or Cashier's Check, OR Bid Bond, as provided in the Contract Documents.

The undersigned proposes, if awarded the Contract, to begin work as stipulated in the written Notice to Proceed issued by the Engineer, and to substantially complete the work within 180 calendar days after the date of the written Notice to Proceed and to complete the project within 210 calendar days after the date of the written Notice to Proceed.

This bid proposal shall be considered part of the contract.

(Signature)

(Company Name – Bidder)

(Type Name)

(Address)

(Title)

(City) (County) (Zip)

(Attest)

(Phone No.)

(Seal, If Bidder is a Corporation)

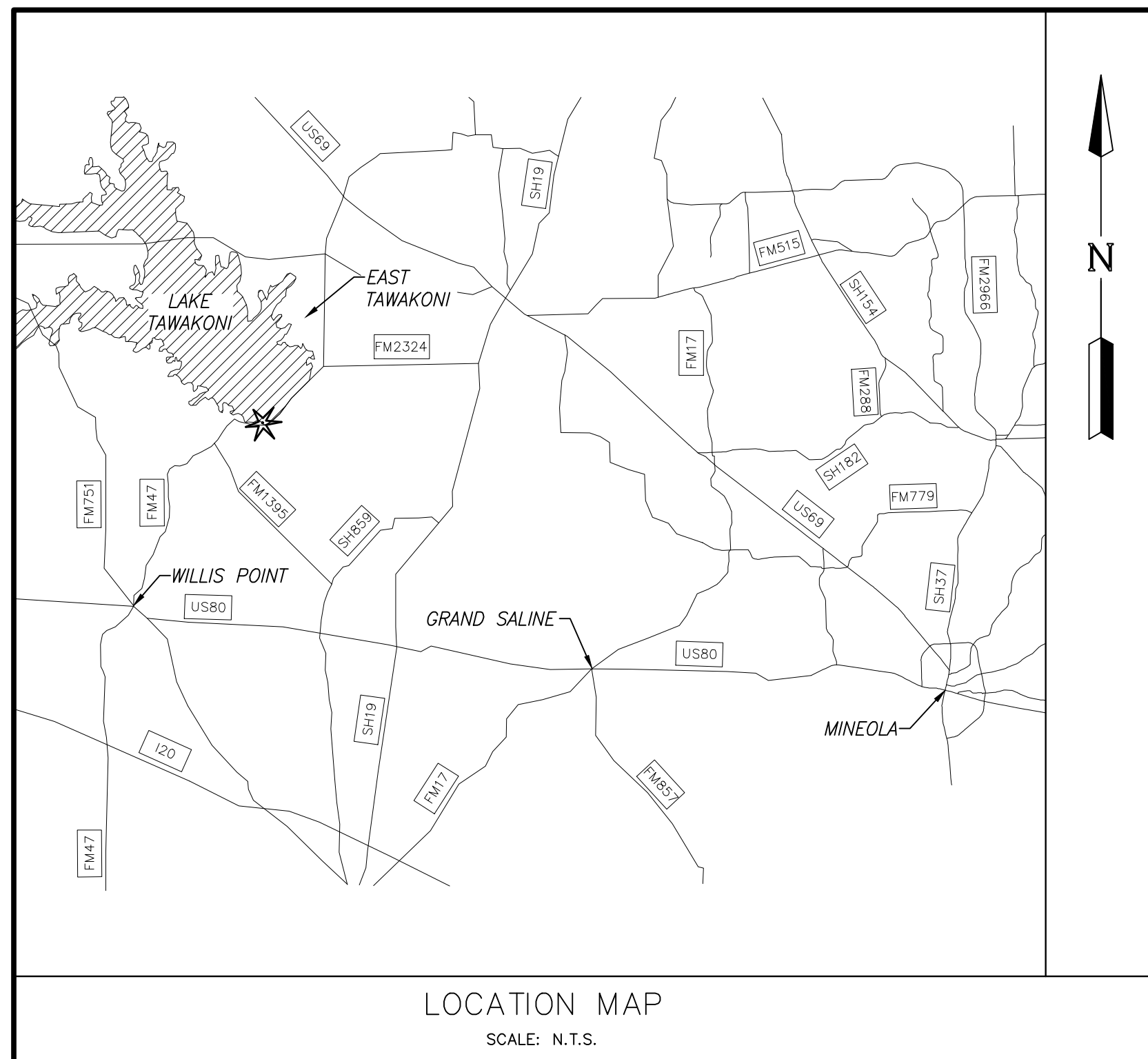
(E-mail Address)

BID PROPOSAL

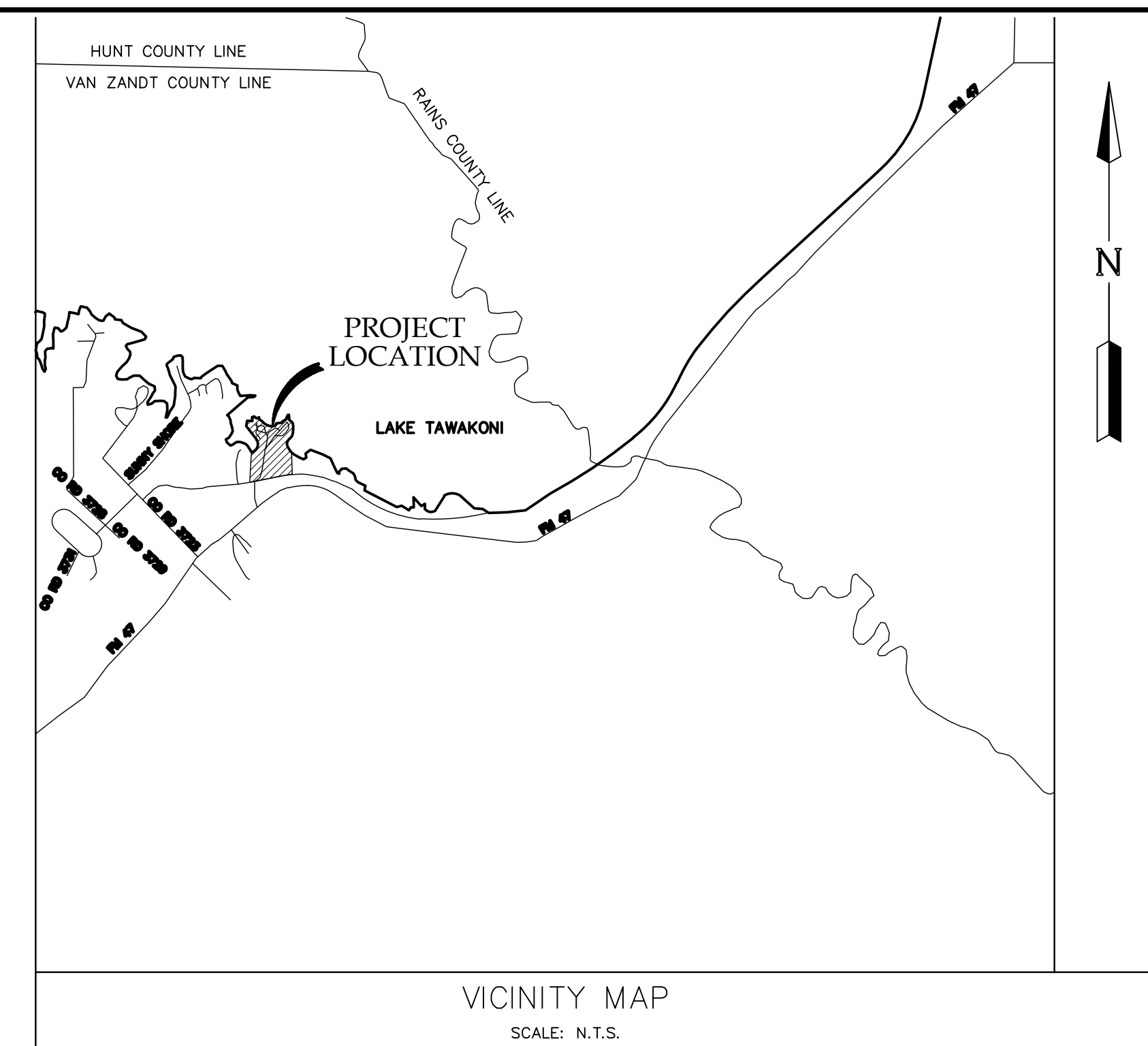
**CONSTRUCTION OF THE
LAKE TAWAKONI TOURNAMENT FACILITY
ARCHITECTURAL AND UTILITIES
SABINE RIVER AUTHORITY
CITY OF WILLS POINT
VAN ZANDT COUNTY, TEXAS
LJA JOB NO. B883-1015C**

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM

ADDENDUM NO. 1	_____	_____
	Signature	Date
ADDENDUM NO. 2	_____	_____
	Signature	Date
ADDENDUM NO. 3	_____	_____
	Signature	Date
ADDENDUM NO. 4	_____	_____
	Signature	Date
ADDENDUM NO. 5	_____	_____
	Signature	Date
ADDENDUM NO. 6	_____	_____
	Signature	Date



CONSTRUCTION PLANS FOR LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES VAN ZANDT COUNTY, TEXAS



JOB No. B883-1015C DATE : JULY 2021

ADDENDUM 1

SHEET INDEX:

FIRM MAP# 48467C0050C
FLOOD INSURANCE MAP
PANEL 50 OF 650

APPROVED FOR CONSTRUCTION

BY: _____ DATE: _____

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

BY _____ DATE _____

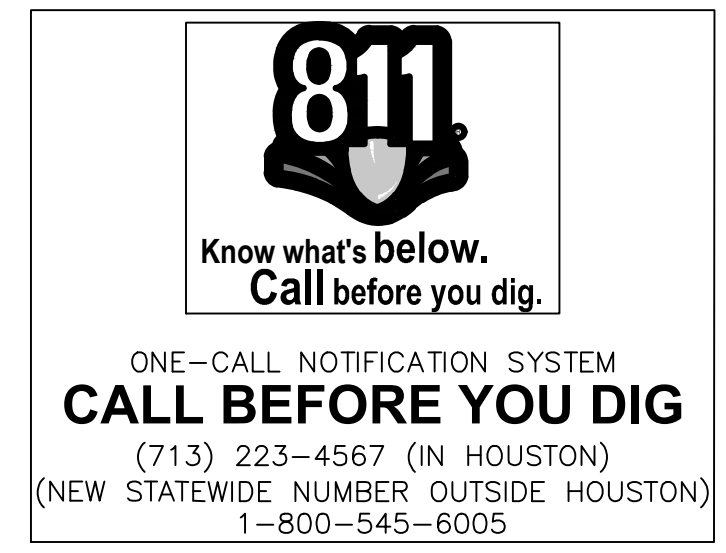
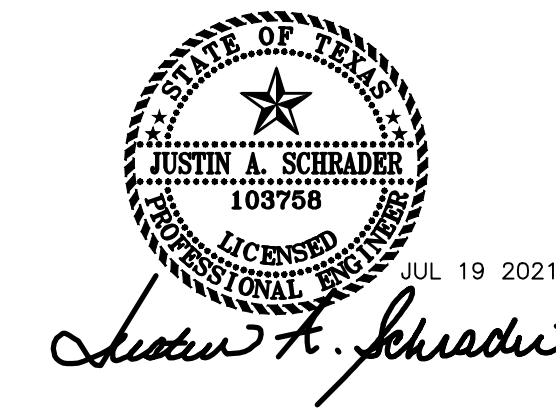
TITLE _____

- ARCHITECTURAL PLANS:
 1-G0.10 SHEET INDEX, LEGEND, ABBREVIATIONS & MATERIAL INDICATIONS
 1-G0.20 TEXAS ACCESSIBILITY STANDARDS
 1-G0.20.1 TEXAS ACCESSIBILITY STANDARDS
 1-G0.21 ACCESSIBILITY CODE & DETAILS
 1-A0.01 OVERALL SITE PLAN
 1-A1.01 LEVEL 1 OVERALL PLAN
 1-A1.03 ROOF LEVEL & RCP
 1-A2.00 OVERALL ELEVATIONS
 1-A3.00 OVERALL BUILDING SECTIONS
 1-A3.01 WALL SECTIONS
 1-A4.00 DETAILS
 1-S0.00 STRUCTURAL NOTES
 1-S0.01 STRUCTURAL NOTES
 1-S1.01 FOUNDATION PLAN
 1-S1.02 ROOF FRAMING PLAN
 1-S1.03 CUPOLA FRAMING PLAN
 1-S3.00 CONCRETE DETAILS
 1-S3.01 CONCRETE DETAILS
 1-S3.02 CONCRETE DETAILS
 1-S3.10 FOUNDATION DETAILS
 1-S5.10 STEEL DETAILS
 1-S5.11 STEEL DETAILS
 1-S5.12 STEEL DETAILS
 1-S7.00 WOOD SHEETS
 1-S7.01 WOOD SHEETS
 1-S7.02 WOOD SHEETS
 1-S8.00 CMU DETAILS
 1-M2.02 MECHANICAL FLOOR PLAN - HOLIDAY MARINA PAVILION
 1-E1.01 ELECTRICAL FLOOR PLAN - HOLIDAY MARINA PAVILION
 1-E2.01 ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
 1-P1.01 PLUMBING FLOOR PLAN - HOLIDAY MARINA PAVILION
 2-GO VOLUME 2 RESTROOM BUILDING COVER
 2-A1.01 LEVEL 1 PLAN
 2-A1.02 ROOF PLAN & REFLECTED CEILING PLAN
 2-A2.00 BUILDING ELEVATIONS & SECTIONS
 2-A3.10 WALL SECTIONS, EXTERIOR ENVELOPE DETAILS
 2-A4.20 DETAILS
 2-A5.20 SCHEDULES AND DOOR & WINDOW TYPES
 2-S1.01 RESTROOM FOUNDATION PLAN
 2-S1.02 RESTROOM ROOF FRAMING PLAN
 2-S3.10 FOUNDATION DETAILS
 2-S5.10 STEEL DETAILS
 2-S7.10 FRAMING DETAILS
 2-M2.01 MECHANICAL FLOOR PLAN - RESTROOM
 2-E1.01 ELECTRICAL FLOOR PLAN - RESTROOM
 2-E2.01 ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
 2-P2.01 PLUMBING FLOOR PLAN RESTROOM
 2-P3.01 PLUMBING DETAILS
 2-P4.01 PLUMBING SCHEDULES

- HARDSCAPE PLANS:
 H1 - HARDSCAPE OVERALL SITE PLAN
 H2 - HARDSCAPE LAYOUT
 H3 - HARDSCAPE DETAILS SHEET (1 OF 2)
 H4 - HARDSCAPE DETAILS SHEET (2 OF 2)
 H5 - IRRIGATION MAINLINE DIAGRAM
 H6 - IRRIGATION LAYOUT
 H7 - IRRIGATION DETAILS SHEET (1 OF 2)
 H8 - IRRIGATION DETAILS SHEET (2 OF 2)
 H9 - LANDSCAPE LAYOUT
 H10 - LANDSCAPE DETAILS

- CIVIL PLANS:
 C1 - GENERAL NOTES
 C2 - UTILITY PLAN
 C3 - GRADING & PAVING PLAN
 C4 - EROSION CONTROL PLAN
 C5 - EROSION CONTROL DETAILS
 C6 - MISCELLANEOUS DETAILS (1 OF 2)
 C7 - MISCELLANEOUS DETAILS (2 OF 2)

- ELECTRICAL PLANS:
 E1 - ELECTRICAL OVERALL CONDUIT PLANS
 E2 - ELECTRICAL ONELINE DIAGRAM
 E3 - ELECTRICAL PANEL SCHEDULES
 E4 - ELECTRICAL LIGHTING CONTACTOR SCHEMATIC
 E5 - ELECTRICAL CONDUIT AND CABLE SCHEDULE
 E6 - ELECTRICAL ENLARGED CONDUIT PLANS
 E7 - ELECTRICAL ENLARGED CONDUIT PLAN DETAILS
 E8 - ELECTRICAL SWITCHRACK NO. 1 AND NO. 2
 E9 - ELECTRICAL MISCELLANEOUS DETAILS



NOTE:
 CONTRACTOR TO FIELD VERIFY LOCATION & ELEVATION OF EXISTING FACILITIES PRIOR TO STARTING CONSTRUCTION. CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER IF EXISTING LOCATION & ELEVATION DO NOT MATCH THESE PLANS.

BID SET

OWNER: SABINE RIVER AUTHORITY
169 RCR 1480, Point, Texas 75472

CIVIL ENGINEER: **LJA Engineering, Inc.**
 3600 W. Sam Houston Pkwy. Phone 713.953.5200
 Suite 600 Fax 713.953.5026
 Houston, Texas 77042 FRN - F-1386

ARCHITECT: STUDIO RED ARCHITECTS
1320 McGowen, Houston, Texas 77004

STRUCTURAL ENGINEER: FRACTAL STRUCTURAL ENGINEERING
16365 Park Ten Pl Suite 325, Houston, TX 77084

MEP ENGINEER: SALAS O'BRIEN
10930 W Sam Houston Pkwy N #900
Houston, TX 77064

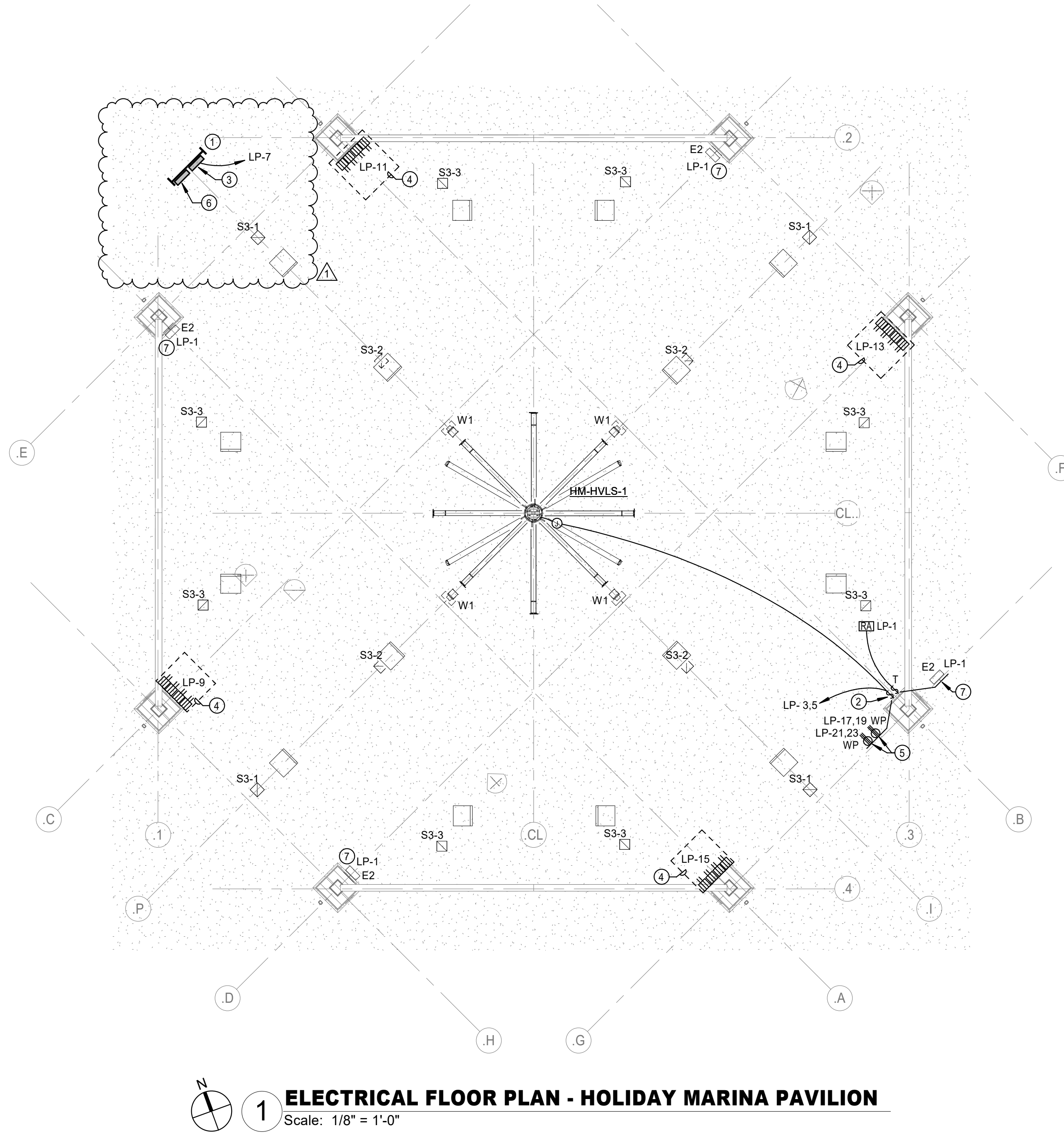
ELECTRICAL KEYED NOTES	ELECTRICAL GENERAL NOTES
<p>① EQUIPMENT RACK REFER TO ELECTRICAL DETAILS.</p> <p>② HIGH VOLUME LOW SPEED CEILING FAN WALL CONTROLLER, FINAL CONNECTION BY DIVISION 26 TO ASSOCIATED UNIT. FIELD VERIFY EXACT LOCATION AND OTHER REQUIREMENTS WITH OWNER AND EQUIPMENT MANUFACTURER.</p> <p>③ LIGHTING CONTROL CABINET 'LCP'. REFER TO DETAIL SHEET FOR MORE INFORMATION.</p> <p>④ (2) LEVITON 2GM73-GY WEATHERPROOF 2-GANG ELECTRICAL BOXES EACH WITH A LEVITON WM2V-GY WEATHERPROOF COVER AND AND 2 LEVITON #5582-WTX WEATHER RESISTANT GFCI RECEPTACLES MOUNTED TO COLUMN. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/MASONRY CONTRACTOR.</p> <p>⑤ MOUNT RECEPTACLES ON COLUMN. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/MASONRY CONTRACTOR.</p> <p>⑥ REFER TO ONELINE.</p> <p>⑦ MOUNT LIGHT TO COLUMN. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/MASONRY CONTRACTOR.</p>	<p>1. ALL JUNCTION BOXES, CONDUITS, AND WIRES SHALL BE SIZED PER NEC.</p> <p>2. CONTRACTOR SHALL PROVIDE AN ACCURATELY TYPED PANEL BOARD SCHEDULE FOR EACH PANEL BOARD.</p> <p>3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL LIGHTING FIXTURES SHOWN ON THIS DRAWING.</p> <p>4. REFER TO DETAIL SHEET FOR SYMBOLS, ABBREVIATIONS, AND LIGHTING FIXTURE SCHEDULE.</p> <p>5. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.</p> <p>6. ALL EXTERIOR LUMINAIRES AND ELECTRICAL DEVICES SHALL BE LISTED AS WEATHERPROOF TYPE.</p> <p>7. CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.</p> <p>8. ALL POWER/CONTROL WIRING SHALL BE PROVIDED IN CONDUITS. ALL CONDUIT RUNS SHALL BE INSTALLED IN A NEAT MANNER PERPENDICULAR/PARALLEL TO BUILDING COLUMNS/BEAMS AND PAINTED AS DIRECTED BY ARCHITECT.</p>

Issue		
No.	Date	Description
0	07/14/2021	BID SET
1	7/27/21	ADDENDUM 01



PROJECT TEAM	
Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP Engineer	Salas O'Brien
Landscape Architect	LJA Engineering

Branch Panel: LP														
Location: PAVILION				Volts: 120/208 Wye				A.I.C. Rating: 10,000						
Supply From:				Phases: 3				Enclosure: NEMA 4XSS						
Mounting: Surface				Wires: 4				Mains: 100A MCB						
Phase in kVA														
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note		
	1	Lighting	#10	20	1	1.8 / 0.0		1	20	--	Spare	2	--	
	3	Pavilion BAF	#10	20	2		1.2 / 0.0	1	20	--	Spare	4	--	
	7	Lighting Control Panel 'LCP'	#10	20	1	0.1 / 0.0		1	20	--	Spare	6	--	
	9	Receptacles	#10	20	1	0.7 / 0.0		1	20	--	Spare	8	--	
	11	Receptacles	#10	20	1		0.7 / 0.0	--	--	--	Space	10	--	
	13	Receptacles	#10	20	1	0.7 / 0.0		--	--	--	Space	12	--	
	15	Receptacles	#10	20	1		0.7 / 0.0	--	--	--	Space	14	--	
G	17	STAGE LIGHTING RECEPTACLE	#10	30	2	2.5 / 0.0		2.5 / 0.0	--	--	Space	16	--	
G	19	STAGE EQUIPMENT RECEPTACLE	#6	50	2	4.0 / 0.0		4.0 / 0.0	3	30	--	SPDL (IN NEMA4XSS ENCLOSURE)	18	--
			Total Load:			5.0 kVA	6.6 kVA	8.4 kVA				20		
			Total Amps:			41 A	57 A	72 A				22		
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals									
Lighting		1.8 kVA	125.00%	2.2 kVA	Total Conn. Load: 20.0 kVA									
Miscellaneous		13.0 kVA	100.00%	13.0 kVA	Total Est. Demand: 20.4 kVA									
Motor		2.4 kVA	100.00%	2.4 kVA	Total Conn. Current: 55 A									
Receptacles		2.9 kVA	100.00%	2.9 kVA	Total Est. Demand Current: 57 A									
Notes:		Abbreviations:												
		G - PROVIDE GFCI CIRCUIT BREAKER												
		LF - PROVIDE PERMANENT LOCK-OFF DEVICE												
		LO - PROVIDE PERMANENT LOCK-ON DEVICE												



ADDENDUM 1

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY - ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL FLOOR PLAN - HOLIDAY MARINA PAVILION

SRA Project Number
2001

Scale
1/8" = 1'-0"

Drawing Number
1-E1.01

ELECTRICAL KEYED NOTES

- 1 JUNCTION BOX FOR CONNECTION OF HAND DRYER. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
- 2 SITE ELECTRICAL SERVICE. REFER TO ONELINE.
- 3 LIGHT SWITCH SHALL BE INTERLOCKED WITH THERMOSTAT AND EXHAUST FAN USING SWITCHPACKS. COORDINATE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR.
- 4 #6, 1#10G, 1"C. ROUTE UNDERGROUND PAST FOUNDATION.
- 5 COORDINATE FINAL CONNECTION WITH SITE PLANS
- 6 LIGHTING CONTROL CABINET 'LCR' REFER TO ELECTRICAL DETAIL SHEET.
- 7 RECEPTACLE FOR DRINKING FOUNTAIN. COORDINATE FINAL LOCATION WITH ARCHITECT/OWNER.
- 8 REFER TO ONELINE.
- 9 OCCUPANCY SENSOR IS WALL MOUNTED TO MINIMIZE VISIBILITY.

ELECTRICAL GENERAL NOTES

- 1 ALL JUNCTION BOXES, CONDUITS, AND WIRES SHALL BE SIZED PER NEC.
- 2 CONTRACTOR SHALL PROVIDE AN ACCURATELY TYPED PANEL BOARD SCHEDULE FOR EACH PANEL BOARD.
- 3 REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL LIGHTING FIXTURES SHOWN ON THIS DRAWING.
- 4 REFER TO DETAIL SHEET FOR SYMBOLS, ABBREVIATIONS, AND LIGHTING FIXTURE SCHEDULE.
- 5 ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
- 6 ALL EXTERIOR LUMINAIRES AND ELECTRICAL DEVICES SHALL BE LISTED AS WEATHERPROOF TYPE.
- 7 CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
- 8 ALL POWER/CONTROL WIRING SHALL BE PROVIDED IN CONDUITS. ALL CONDUIT RUNS SHALL BE INSTALLED IN A NEAT MANNER PERPENDICULAR/PARALLEL TO BUILDING COLUMNS/BEAMS AND PAINTED AS DIRECTED BY ARCHITECT.

SHORT CIRCUIT CALCULATIONS USING POINT-TO-POINT METHOD

EQUIPMENT	CONDUCTOR SIZE/TYPE	# OF CONDUCTORS PER PHASE IN PARALLEL	CONDUIT TYPE	LENGTH OF RUN	VOLTAGE L-L (VOLT)	AVAILABLE SYMMETRICAL FAULT CURRENT L-L (AMPS)	REMARKS
UTILITY XFMR	-	-	-	-	208V	21,300	
PANEL 'MDP'	#3/0CU	1	NON-MAGNETIC	0'	480V	21,300	
PANEL 'LR'	#2	1	NON-MAGNETIC	250'	208V	2,263	

WIRE SIZED AND PROVIDED BY OTHERS. SIZES SHOWN USED ONLY FOR SHORT CALCULATIONS. COORDINATE WITH SITE DESIGN AND FIELD VERIFY SIZING.

ELECTRICAL LOAD ANALYSIS 'MSB'

LOAD DESCRIPTION	LOAD KVA
LIGHTING (CONNECTED) x 1.25 (NEC 215.2)	.2
RECEPTACLES (CONNECTED NEC 220.44)	(2)
1ST 10KVA @100% (NEC 220.44)	2
REMAINDER @50% (NEC 220.44)	0
MISCELLANEOUS (NEC 220)	19.1
HVAC - FANS, AHU'S (NEC 220)	1.8
25% LARGEST MOTOR (25HP) (NEC 430.24)	.2
TOTAL	23.3

23300 / (208*sqrt(1/3)) = 64.7 AMPS
100 AMPS SERVICE PROVIDED

LINETYPE LEGEND

WORK BY OTHERS
NEW WORK

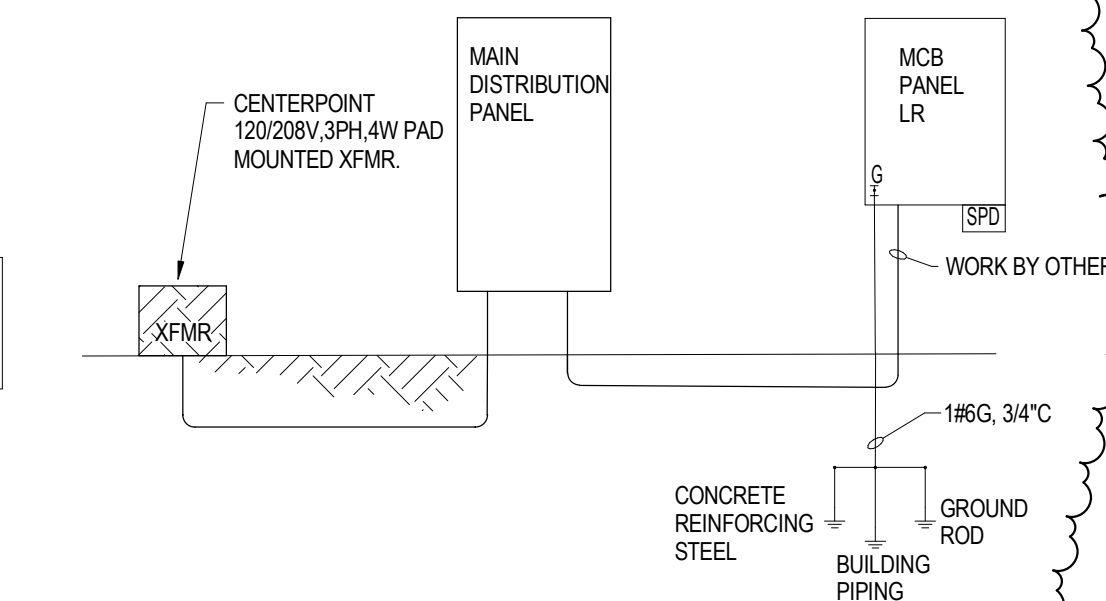
ALL ELECTRICAL EQUIPMENT, DEVICES, JUNCTION BOXES, OUTLETS, PANELS, ETC. SHALL BE PLACED ABOVE THE BASE FLOOD ELEVATION OR PROTECTED TO PREVENT WATER FROM ENTERING/ACCUMULATING WITHIN EQUIPMENT DURING FLOOD CONDITIONS.

ALL CONDUCTORS TO BE COPPER THINER THAN 75 DEG C. INSULATION TYPE UNLESS SPECIFICALLY NOTED OTHERWISE.

VERIFY LOCATION OF ALL WIREWAYS, PANELS, ETC. WITH UTILITY COMPANIES/OWNER PRIOR TO INSTALLATION.

ALL EXTERIOR EQUIPMENT TO BE IN NEMA 3R ENCLOSURES

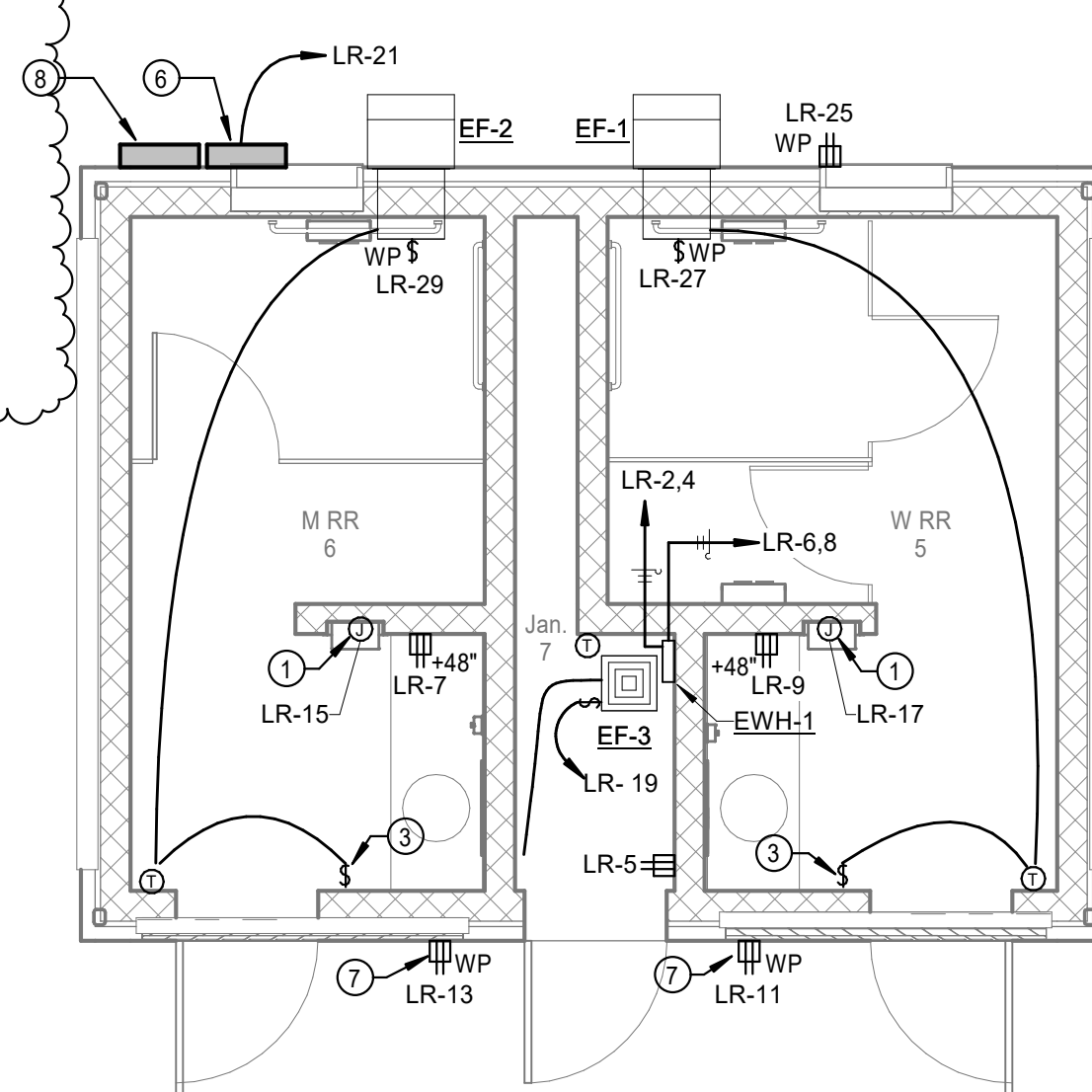
CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND THE ONE-LINE DIAGRAM SHOWN PRIOR TO COMMENCEMENT OF WORK.



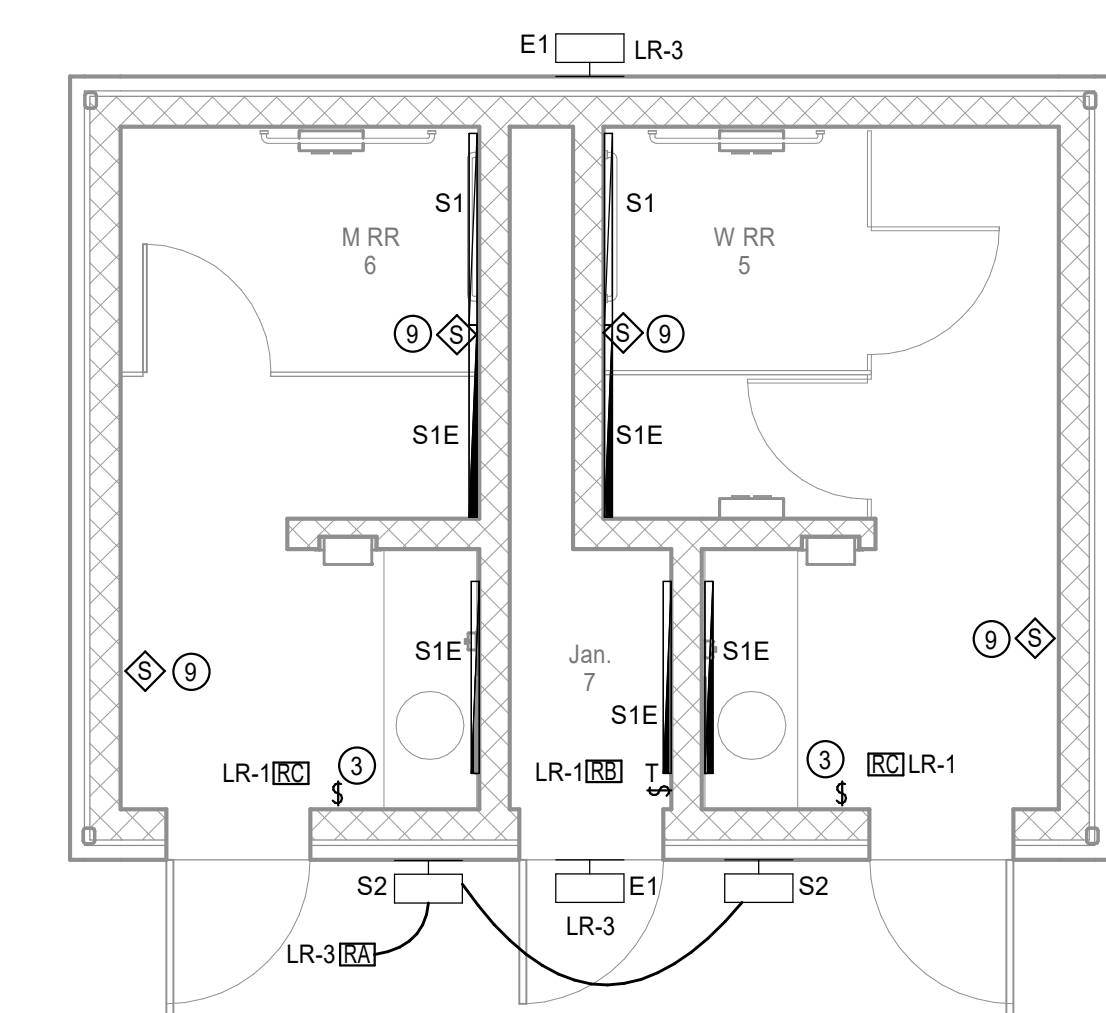
4 ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE

LIGHTING FIXTURE SCHEDULE-RR

Type	Manufacturer	Model	Mount Type	Type	Wattage	Lumens	CR1	Color	Voltage	Remarks
E1	SURE-LITES	SELDWTA298ZSD	SURFACE	LED	2 W	100 lm	80	3000 K	120 V	EMERGENCY EGRESS FIXTURE WITH WET LOCATION LISTING.
S1	PARAMOUNT	PMC2-4-SF-UNV-4K-CR183-47L-PZL7-LD-W5	SURFACE	LED	10 W	4692 lm	83	4000 K	120 V	VANDAL-RESISTANT SURFACE MOUNTED LINEAR
S1E	PARAMOUNT	PMC2-4-SF-UNV-4K-CR183-47L-PZL7-LD-W5-BBUR1	SURFACE	LED	10 W	4692 lm	83	4000 K	120 V	VANDAL-RESISTANT SURFACE MOUNTED LINEAR WITH EMERGENCY BATTERY PACKS.
S2	TROY RLM	RH14LED1840BB-C-3 3SL238B-C	SURFACE	LED	18 W	1334 lm	90	4000 K	120 V	HEAVY-DUTY ALUMINUM SHADE WITH ARM



2 ELECTRICAL POWER FLOOR PLAN - RESTROOM
Scale: 1/4" = 1'-0"



1 ELECTRICAL LIGHTING FLOOR PLAN - RESTROOM
Scale: 1/4" = 1'-0"

Branch Panel: LR

Location: BEHIND RESTROOM BUILDING
Supply From: RESTROOM XFMR
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

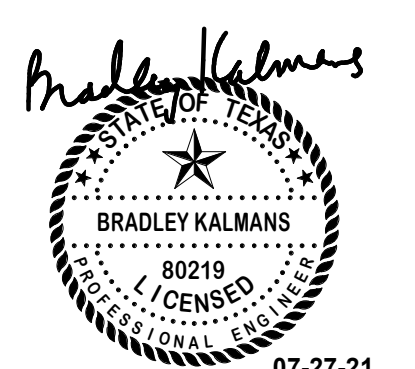
A.I.C. Rating: 10,000
Enclosure: NEMA 4XSS
Mains: 100A MCB

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	Lighting Room 7, 6, 5	#12	20	1	0.1 / 4.5		2	#6	EW-1	2	LF
	3	OUTDOOR Lighting	#12	20	1	0.1 / 4.5					4	
	5	Receptacles Jan. 7	#12	20	1		0.2 / 4.5	2	#6	EW-1	6	LF
	7	Receptacles M RR 6	#12	20	1	0.2 / 4.5					8	
	9	Receptacles W RR 5	#12	20	1	0.2 / 0.0		1	20	--	10	--
	11	DRINKING FOUNTAIN	#12	20	1	0.5 / 0.0		1	20	--	12	--
	13	DRINKING FOUNTAIN	#12	20	1	0.5 / 0.0		1	20	--	14	--
GLF	15	Hand Dryer	#10	30	1	0.5 / 0.0		1	20	--	16	--
GLF	17	Hand Dryer	#10	30	1	0.5 / 0.0		--	--	--	18	--
	19	EF-3	#12	20	1	0.6 / 0.0		--	--	--	20	--
	21	Lighting Control Panel 'LCR'	#12	20	1	0.1 / 0.0		--	--	--	22	--
--	23	Spare	#12	20	1		0.0 / 0.0	--	--	--	24	--
	25	Receptacles	#12	20	1	0.5 / 0.0		--	--	--	26	--
	27	EF-1	#12	20	1	0.6 / 0.0		3	30	--	28	--
	29	EF-2	#12	20	1		0.6 / 0.0	--	--	--	30	--
Total Load:			10.8 kVA	6.0 kVA		6.3 kVA						
Total Amps:			91 A	50 A		53 A						
Load Classification			Connected Load	Demand Factor	Estimated Demand		Panel Totals					
HVAC			1.8 kVA	100.00%	1.8 kVA		Total Conn. Load: 23.1 kVA					
Lighting			0.2 kVA	125.00%	0.2 kVA		Total Est. Demand: 23.1 kVA					
Miscellaneous			19.1 kVA	100.00%	19.1 kVA		Total Conn. Current: 64 A					
Receptacles			2.0 kVA	100.00%	2.0 kVA		Total Est. Demand Current: 64 A					

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

No.	Date	Description
0	07/14/2021	BID SET
1	7/27/21	ADDENDUM 01



PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP Engineer	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY - ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL FLOOR PLAN - RESTROOM

SRA Project Number
2001

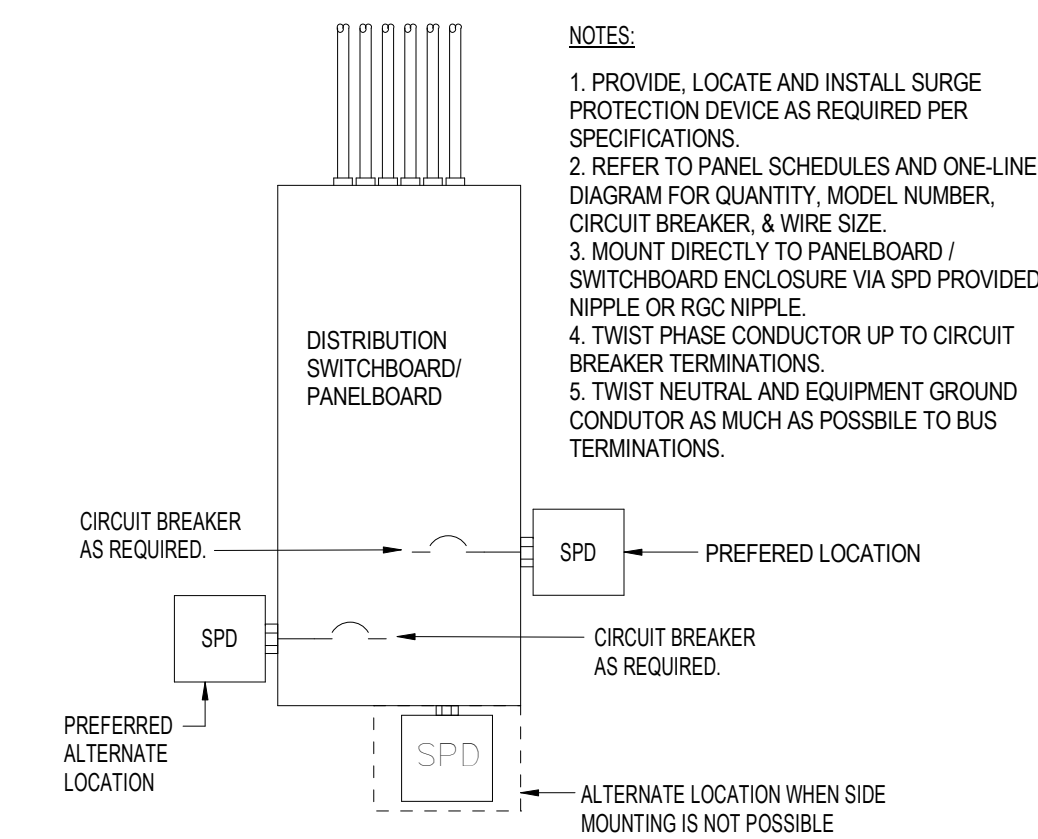
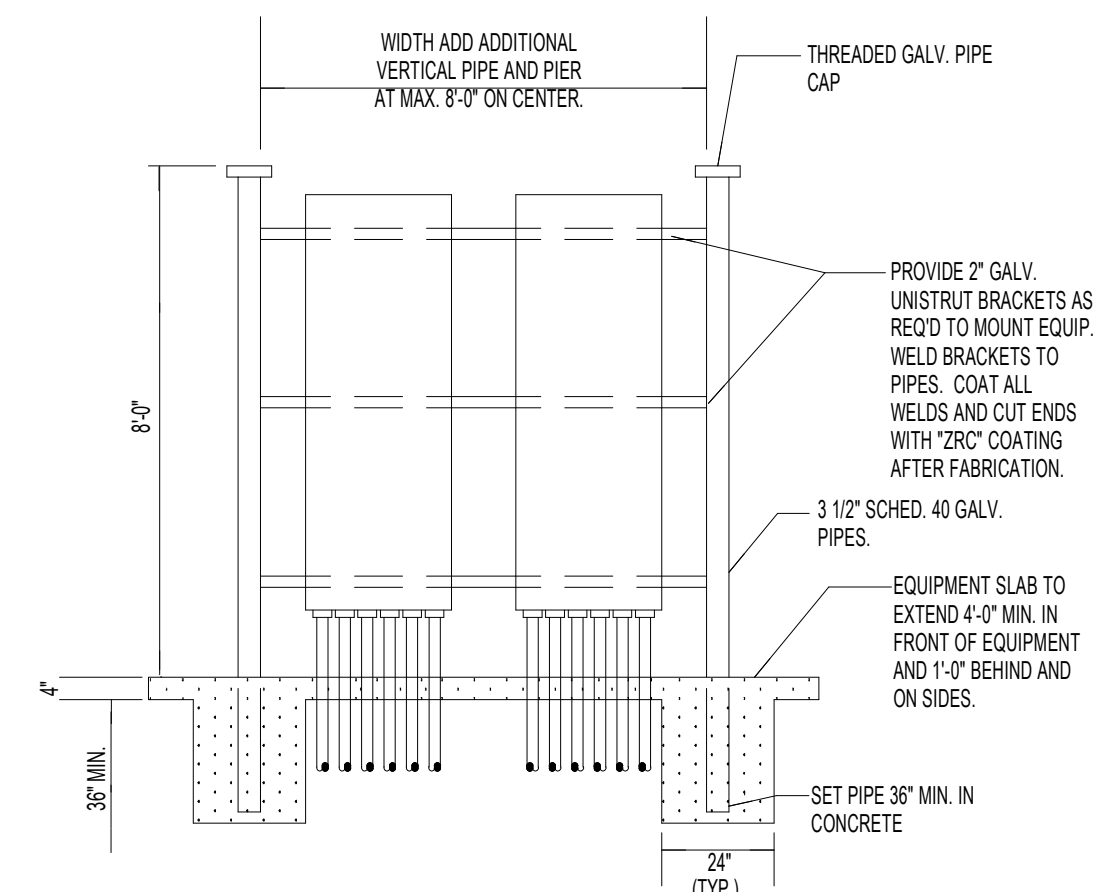
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Drawing Number
2-E1.01

ADDENDUM 1

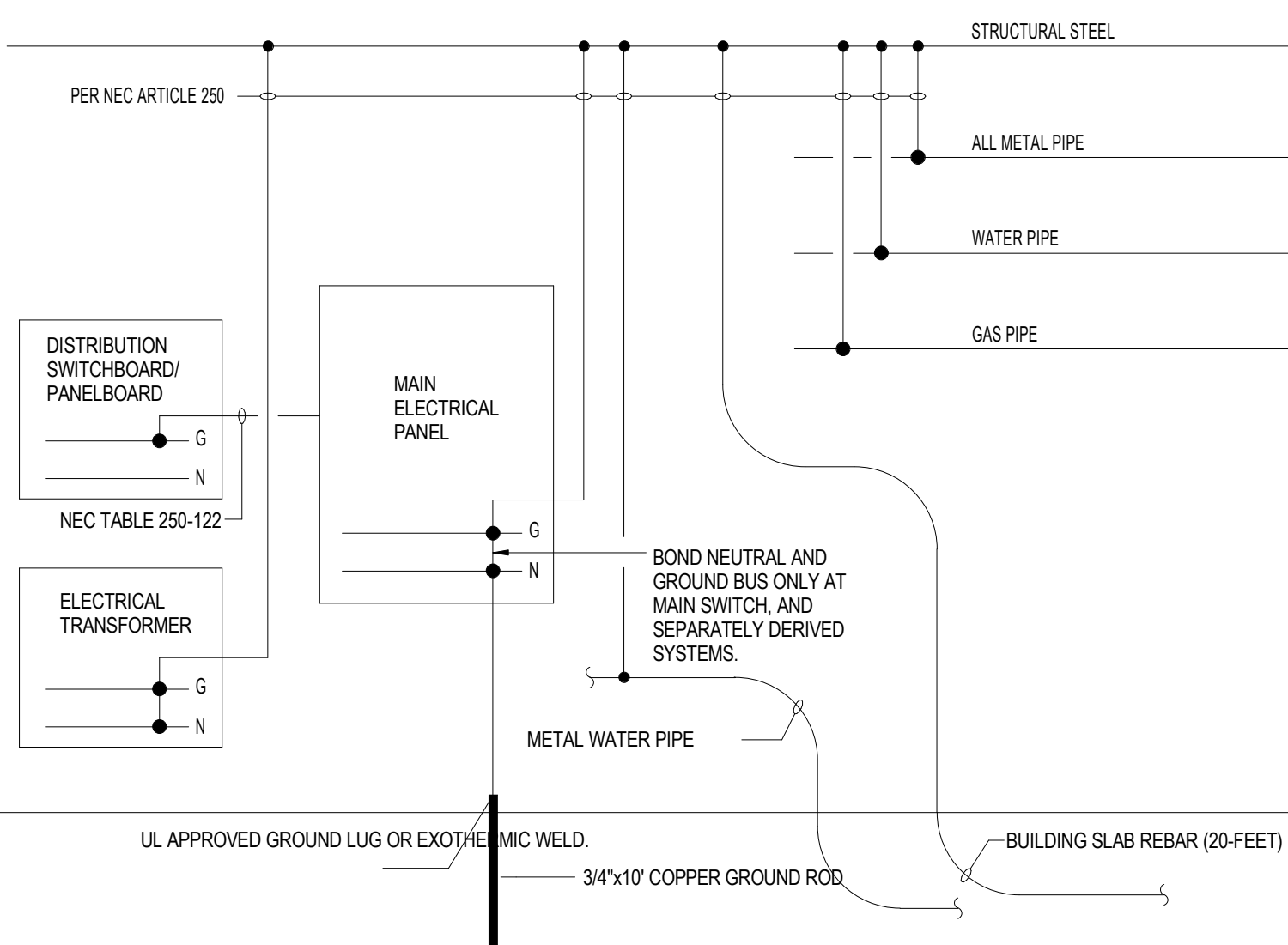
5 ELECTRICAL RACK DETAIL

SCALE: NONE



4 SURGE PROTECTION DEVICE DETAIL

SCALE: NONE



3 GROUNDING DETAIL

SCALE: NONE

LIGHTING FIXTURE SCHEDULE - PAVILION

Type	Manufacturer	Catalog Number	Model	Mount Type	Type	Wattage	Lumens	CRI	Color	Voltage	Remarks
E2	SURE-LITES	SELDW60BKSD		SURFACE	LED	5 W	300 lm	80	3000 K	120 V	ADJUSTABLE WET LOCATION LISTED COLUMN-MOUNTED EMERGENCY FLOODLIGHT.
S3-1	USAL	VRS-CMWB-VLED-VSQ-48LED-350mA-WW-UNV-RAL-8019-T		SURFACE	LED	55 W	5381 lm	70+	3000 K	120 V	WET LOCATION LISTED BEAM MOUNTED LIGHT W/ LOW-GLARE PRISMATIC OPTICS
S3-2	USAL	VRS-CMWB-VLED-VSQ-64LED-350mA-WW-UNV-RAL-8019-T		SURFACE	LED	71 W	7791 lm	70+	3000 K	120 V	WET LOCATION LISTED BEAM MOUNTED LIGHT W/ LOW-GLARE PRISMATIC OPTICS
S3-3	USAL	VRS-CMWB-VLED-VSQ-100LED-350mA-WW-UNV-RAL-8019-T		SURFACE	LED	110 W	11055 lm	70+	3000 K	120 V	WET LOCATION LISTED BEAM MOUNTED LIGHT W/ LOW-GLARE PRISMATIC OPTICS
W1	LIGMAN	UVK-30041-37W-T3-W30-06-120/277v		SURFACE	LED	37 W	5073 lm	80+	3000 K	120 V	WET LOCATION LISTED ADJUSTABLE BEAM MOUNTED INDIRECT FLOODLIGHT

SHORT CIRCUIT CALCULATIONS USING POINT-TO-POINT METHOD

EQUIPMENT	CONDUCTOR SIZE/TYP	# OF CONDUCTORS PER PHASE IN PARALLEL	CONDUIT TYPE	LENGTH OF RUN	VOLTAGE L-L (VOLT)	AVAILABLE SYMMETRICAL FAULT CURRENT L-L (AMPS)	REMARKS
UTILITY XFMR	-	-	-	-	480V	21,300	
PANEL 'MDP'	#3/OCU	1	NON-MAGNETIC	0'	480V	21,300	
PANEL 'LP'	#1/0	1	NON-MAGNETIC	350'	208V	2,351	

WIRE SIZED AND PROVIDED BY OTHERS. SIZES SHOWN USED ONLY FOR SHORT CALCULATIONS. COORDINATE WITH SITE DESIGN AND FIELD VERIFY SIZING.

ELECTRICAL LOAD ANALYSIS 'LP'

LOAD DESCRIPTION	LOAD KVA
LIGHTING (CONNECTED) x 1.25 (NEC 215.2)	2.2
RECEPTACLES (CONNECTED NEC 220.44)	(2.9)
1ST 10KVA @100% (NEC 220.44)	2.9
REMAINDER @50% (NEC 220.44)	0
MISCELLANEOUS (NEC 220)	13
HVAC - FANS, AHU'S (NEC 220)	2.4
25% LARGEST MOTOR (25HP) (NEC 430.24)	.6
TOTAL	21.1

208V, 3PH, 4W
21100 / (208*1103) = 58.6 AMPS
100 AMPS SERVICE PROVIDED

ALL ELECTRICAL EQUIPMENT, DEVICES, JUNCTION BOXES, OUTLETS, PANELS, ETC. SHALL BE PLACED ABOVE THE BASE FLOOD ELEVATION OR PROTECTED TO PREVENT WATER FROM ENTERING/ACCUMULATING WITHIN EQUIPMENT DURING FLOOD CONDITIONS.

ALL CONDUCTORS TO BE COPPER THIN/THIN 75 DEG C. INSULATION TYPE UNLESS SPECIFICALLY NOTED OTHERWISE.

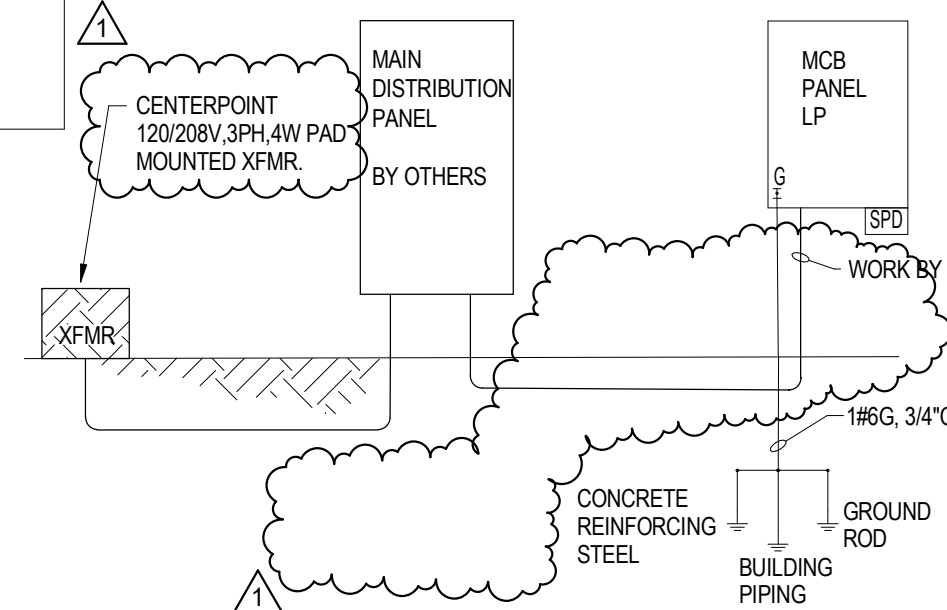
VERIFY LOCATION OF ALL WIREWAYS, PANELS, ETC. WITH UTILITY COMPANIES/OWNER PRIOR TO INSTALLATION.

ALL EXTERIOR EQUIPMENT TO BE IN NEMA 3R ENCLOSURES

CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND THE ONE-LINE DIAGRAM SHOWN PRIOR TO COMMENCEMENT OF WORK.

LINETYPE LEGEND

WORK BY OTHERS
NEW WORK

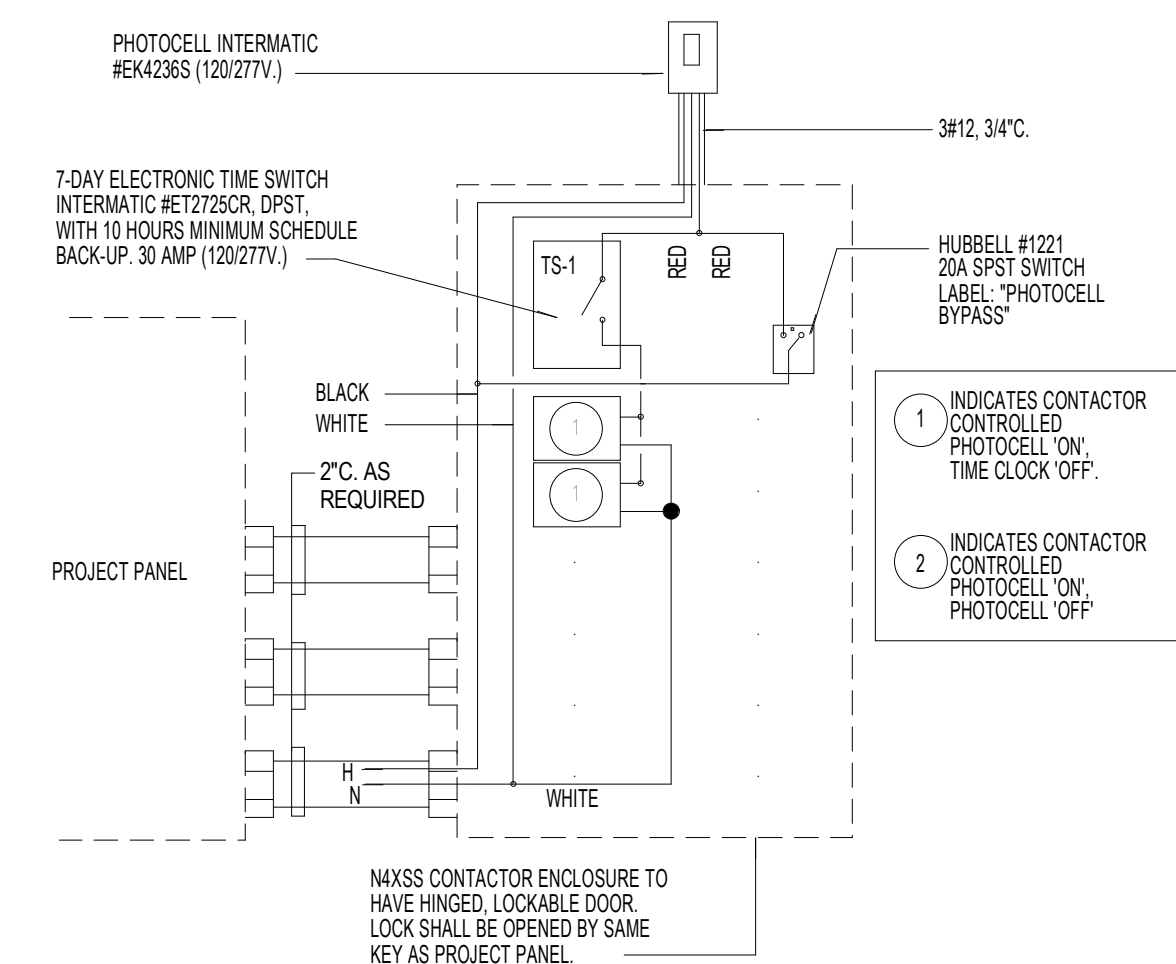


2 ELECTRICAL ONE-LINE DIAGRAM

SCALE: NONE

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
[Symbol]	LIGHT FIXTURE
[Symbol]	FIXTURE ON EMERGENCY CIRCUIT
[Symbol]	LIGHT FIXTURE - WALL PACK
[Symbol]	LIGHT FIXTURE - WALL PACK ON EMERGENCY CIRCUIT
SWITCHES	
[Symbol]	LINE VOLTAGE SINGLE POLE SWITCH
[Symbol]	6-HOUR TIMER SWITCH WITH NO HOLD
LIGHTING CONTROLS	
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR, AUTO ON TO 100% / AUTO OFF.
[Symbol]	LIGHTING CONTROL TAG. ZONES AS REQUIRED. X= DENOTES CONTROL SEQUENCE, REFER TO CONTROL SCHEDULE.
RECEPTACLES AND OUTLETS	
[Symbol]	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
ELECTRICAL EQUIPMENT	
[Symbol]	ELECTRICAL DISTRIBUTION OR PANELBOARD
[Symbol]	DRY TYPE TRANSFORMER
CIRCUITING	
[Symbol]	CONDUIT
[Symbol]	CONDUIT BELOW FLOOR, SLAB, OR GRADE
[Symbol]	34°C. UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; 'Z' HATCH OR HOOK, INSULATED GROUND. ARROW INDICATES HOMERUN.
SUBSCRIPTS AND ABBREVIATIONS	
[Symbol]	INDICATES WEATHERPROOF
[Symbol]	INDICATES WALL MOUNTED DEVICE
[Symbol]	NEXT TO ANY SYMBOL, INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES
GENERAL NOTES:	
-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-4X MINIMUM.	



LIGHTING CONTROL CABINET SCHEDULE

CONTACTOR NO.	CIRCUIT NO.	CONTROL SOURCE	CONTACTOR LOCATION	LOAD(S) SERVED	120 V CONTROL CIRCUIT
C-1 (30A-2P CONTACTOR)	LP-1	PHOTOCELL ON-TIMECLOCK OFF	PAVILION RACK	PAVILION LIGHTING	LP-7

NOTE: CONTRACTOR TO COORDINATE WITH OWNER FOR EXACT TIME-SCHEDULE PRIOR TO INSTALLATION, CONTRACTOR TO FIELD COORDINATE THE TOTAL NUMBER OF CONTACTORS NEEDED TO CONTROL NEW LOADS.
1. EXTERIOR CONNECTED LIGHTING POWER SHALL BE REDUCED BY NOT LESS THAN 30% FROM 12:00AM TO 6:00AM OR FROM 1 HOUR AFTER CLOSING TO 1 HOUR BEFORE OPENING.
2. SENSOR SHALL TURN ON LIGHTING FIXTURES AUTOMATICALLY TO 100%.

1 LIGHTING CONTROL CABINET DIAGRAM AND SCHEDULE

SCALE: NONE

Issue	No.	Date	Description
	0	07/14/2021	BID SET
	1	7/27/21	ADDENDUM 01



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Structural Engineer	Fractal Structural Engineering
MEP Engineer	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY - ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES

SRA Project Number

2001

Scale

Drawing Number

1-E2.01

ADDENDUM 1

EXISTING SITE REFERENCE NOTES

- 1 BOAT RAMPS, DO NOT DISTURB.
- 2 BOAT AND TRAILER PARKING
- 3 BOAT AND TRAILER MANEUVER AREA
- 4 VEHICULAR PARKING
- 5 ACCESS ROAD, DO NOT DISTURB.
- 6 STRIPING, DO NOT DISTURB.
- 7 TREE TO REMAIN, DO NOT DISTURB.

IRRIGATION SCHEDULE

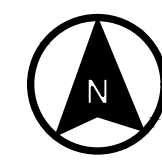
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Hunter PROS-06-PRS30-CV short radius nozzles	5	30
	Hunter PROS-06-PRS30-CV 8" radius Shrub Spray, 30 psi regulated 6.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.	18	30
	Hunter PROS-06-PRS30-CV 10" radius Shrub Spray, 30 psi regulated 6.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.	14	30
	Hunter PROS-12-PRS30-CV 5" radius Shrub Spray, 30 psi regulated 12.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.	3	30
	Hunter PROS-12-PRS30-CV 8" radius Shrub Spray, 30 psi regulated 12.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.	8	30
	Hunter PROS-12-PRS30-CV 10" radius Shrub Spray, 30 psi regulated 12.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.	16	30
	Hunter PROS-PRS30-00-MSBN Multi-Stream Bubbler, fixed riser, 25=25gpm, 50=0.5gpm, 10=1.0gpm, 20=2.0gpm.	28	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Hunter ICV-G 1", 1-1/2", 2", and 3" Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use.	4
	Rain Bird 33-DRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.	2
	Rain Bird EFB-CP-PRS-D 2" 1", 1-1/4", 1-1/2", 2" Brass Master Valve, that is Contamination Proof w/Self-Flushing Filter Screen. Globe Configuration, Reclaimed Water Compatible, and Purple Handle Cover Designates Non-Potable Water Use. With Pressure Regulator.	1
	Hunter XCH-1200-SS Electromechanical controller, 12 stations, outdoor model, battery-powered. Stainless Steel Cabinet. For residential/commercial use.	1
	Hunter WSS Wireless Solar, rain freeze sensor with outdoor interface, connects to Hunter PCC, Pro-C, and I-Core Controllers, install as noted. Includes 10 year lithium battery and rubber module cover, and gutter mount bracket.	1
	Point of Connection 2"	1
	Irrigation Lateral Line: PVC Schedule 40	1,253 l.f.
	Irrigation Mainline: PVC Schedule 40	177.7 l.f.
	Pipe Sleeve: PVC Schedule 40	98.0 l.f.

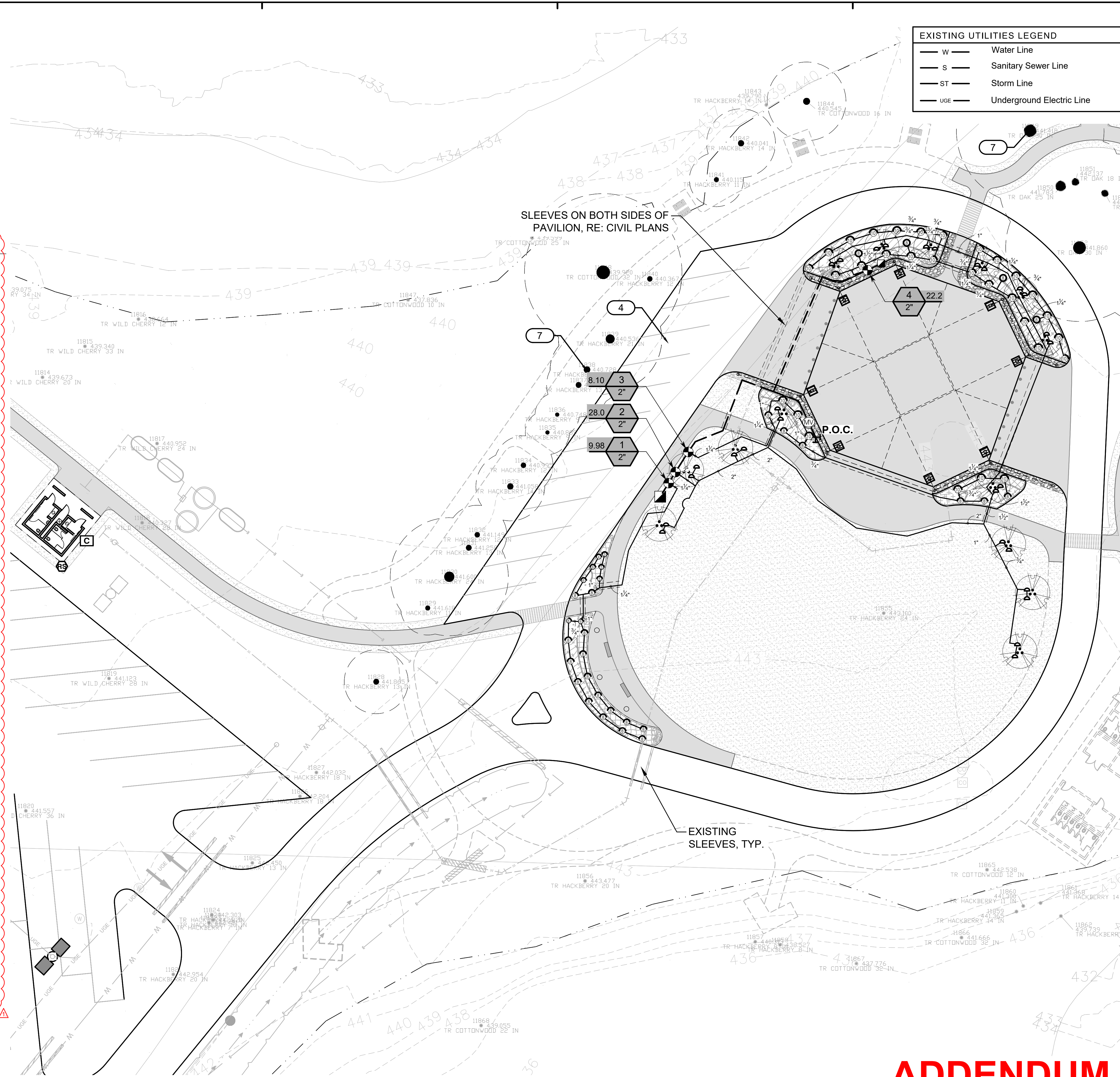
IRRIGATION NOTES:

- CONTRACTOR TO PROVIDE PRODUCT CUT SHEETS AND COLOR SELECTIONS FOR APPROVAL PRIOR TO PURCHASE / FABRICATION / INSTALLATION.
- LANDSCAPE SHRUB BEDS ARE TO RECEIVE SPRAY IRRIGATION AS NOTED PER PLANS. SPRAYS WITH 12" RISERS TO BE LOCATED ON THE HIGH/BACK SIDE AND AWAY FROM ANY STRUCTURE WHILE SPRAYS WITH 6" RISERS ARE TO BE LOCATED ON THE LOW SIDE/FRONT SIDE OF THE LANDSCAPE BEDS.

0 10 20 40ft
 Drawing Scale is 1" = 20'
 (Original size is 24 x 36")



EXISTING UTILITIES LEGEND	
	Water Line
	Sanitary Sewer Line
	Storm Line
	Underground Electric Line



Issue		
No.	Date	Description
0	07/19/2021	ISSUE FOR BID
1	07/27/2021	ADD 1 - IRRIGATION DESIGN REVISIONS



LJA Engineering, Inc.
 3600 W. Sam Houston Pkwy. Phone 713.953.5200
 Suite 600 Fax 713.953.5026
 Houston, Texas 77042 FRN - F-1386

PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
IRRIGATION LAYOUT

SRA Project Number
B883-1015C

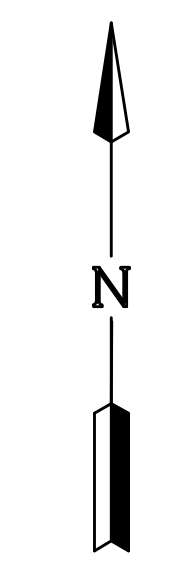
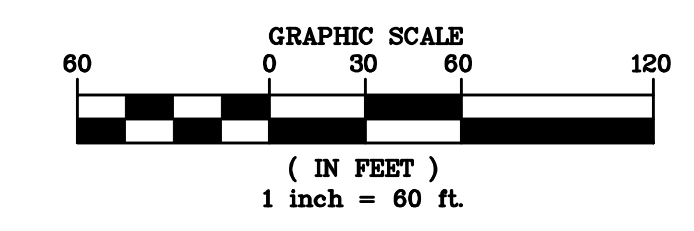
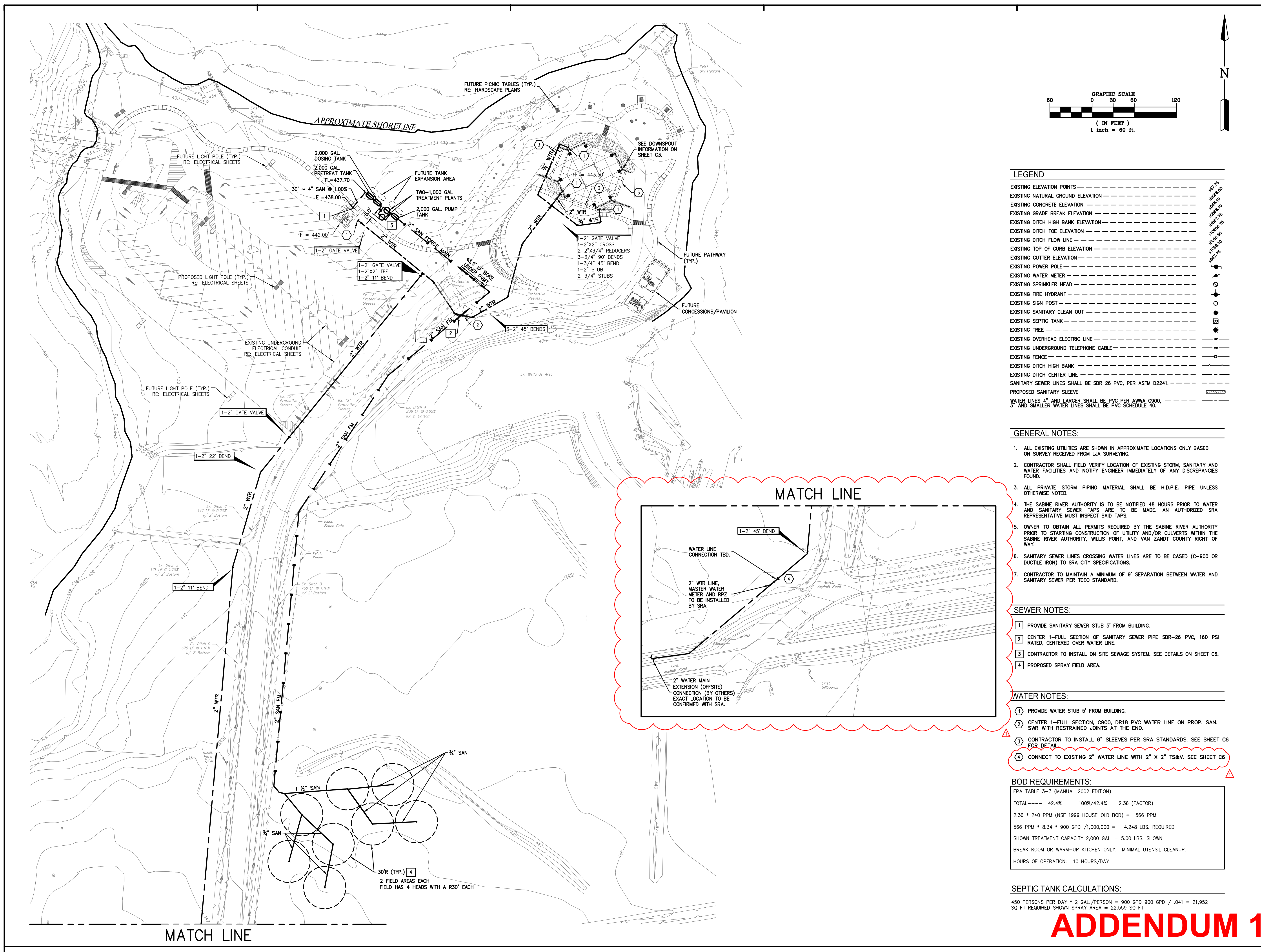
Scale

Drawing Number

ADDENDUM 1

H6

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LEGEND

EXISTING ELEVATION POINTS	---
EXISTING NATURAL GROUND ELEVATION	---
EXISTING CONCRETE ELEVATION	---
EXISTING GRADE BREAK ELEVATION	---
EXISTING DITCH HIGH BANK ELEVATION	---
EXISTING DITCH TOE ELEVATION	---
EXISTING DITCH FLOW LINE	---
EXISTING TOP OF CURB ELEVATION	---
EXISTING GUTTER ELEVATION	---
EXISTING POWER POLE	---
EXISTING WATER METER	---
EXISTING SPRINKLER HEAD	---
EXISTING FIRE HYDRANT	---
EXISTING SIGN POST	---
EXISTING SANITARY CLEAN OUT	---
EXISTING SEPTIC TANK	---
EXISTING TREE	---
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND TELEPHONE CABLE	---
EXISTING FENCE	---
EXISTING DITCH HIGH BANK	---
EXISTING DITCH CENTER LINE	---
SANITARY SEWER LINES SHALL BE SDR 26 PVC, PER ASTM D2241.	---
PROPOSED SANITARY SLEEVE	---

WATER LINES 4" AND LARGER SHALL BE PVC PER AWWA C900, 3" AND SMALLER WATER LINES SHALL BE PVC SCHEDULE 40.

GENERAL NOTES:

- ALL EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY BASED ON SURVEY RECEIVED FROM LJA SURVEYING.
- CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING STORM, SANITARY AND WATER FACILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND.
- ALL PRIVATE STORM PIPING MATERIAL SHALL BE H.D.P.E. PIPE UNLESS OTHERWISE NOTED.
- THE SABINE RIVER AUTHORITY IS TO BE NOTIFIED 48 HOURS PRIOR TO WATER AND SANITARY SEWER TAPS ARE TO BE MADE. AN AUTHORIZED SRA REPRESENTATIVE MUST INSPECT SAID TAPS.
- OWNER TO OBTAIN ALL PERMITS REQUIRED BY THE SABINE RIVER AUTHORITY PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR CULVERTS WITHIN THE SABINE RIVER AUTHORITY, WILLIS POINT, AND VAN ZANDT COUNTY RIGHT OF WAY.
- SANITARY SEWER LINES CROSSING WATER LINES ARE TO BE CASED (C-900 OR DUCTILE IRON) TO SRA CITY SPECIFICATIONS.
- CONTRACTOR TO MAINTAIN A MINIMUM OF 9' SEPARATION BETWEEN WATER AND SANITARY SEWER PER TCEQ STANDARD.

SEWER NOTES:

- PROVIDE SANITARY SEWER STUB 5' FROM BUILDING.
- CENTER 1-FULL SECTION OF SANITARY SEWER PIPE SDR-26 PVC, 160 PSI RATED, CENTERED OVER WATER LINE.
- CONTRACTOR TO INSTALL ON SITE SEWAGE SYSTEM. SEE DETAILS ON SHEET C6.
- PROPOSED SPRAY FIELD AREA.

WATER NOTES:

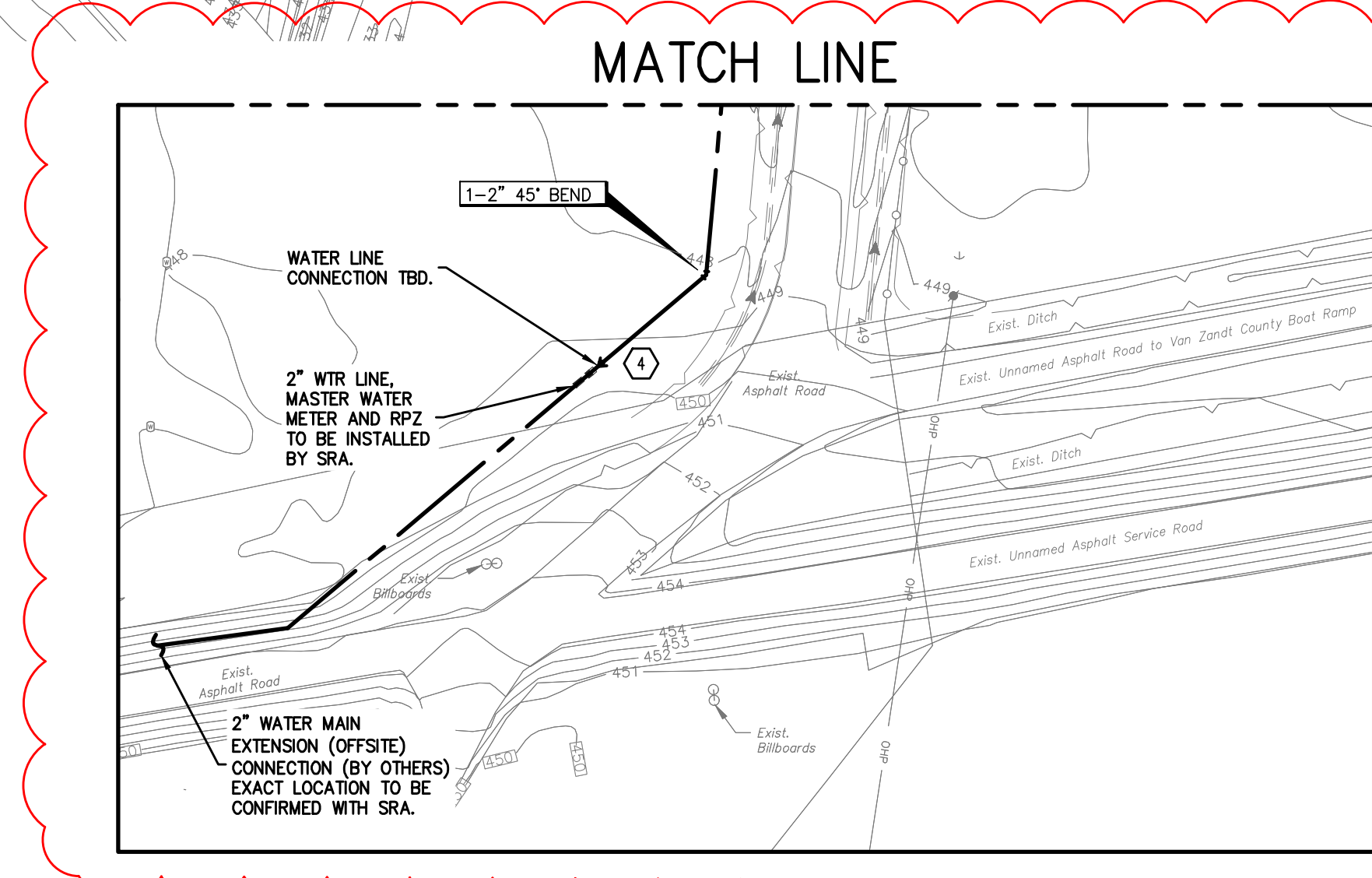
- PROVIDE WATER STUB 5' FROM BUILDING.
- CENTER 1-FULL SECTION, C900, DR18 PVC WATER LINE ON PROP. SAN. SWR WITH RESTRAINED JOINTS AT THE END.
- CONTRACTOR TO INSTALL 6" SLEEVES PER SRA STANDARDS. SEE SHEET C6 FOR DETAIL.
- CONNECT TO EXISTING 2" WATER LINE WITH 2" X 2" TS&V. SEE SHEET C6.

BOD REQUIREMENTS:

EPA TABLE 3-3 (MANUAL 2002 EDITION)
 TOTAL ---- 42.4% = 100%/42.4% = 2.36 (FACTOR)
 2.36 * 240 PPM (NSF 1999 HOUSEHOLD BOD) = 566 PPM
 566 PPM * 8.34 * 900 GPD /1,000,000 = 4.248 LBS. REQUIRED
 SHOWN TREATMENT CAPACITY 2,000 GAL. = 5.00 LBS. SHOWN
 BREAK ROOM OR WARM-UP KITCHEN ONLY. MINIMAL UTENSIL CLEANUP.
 HOURS OF OPERATION: 10 HOURS/DAY

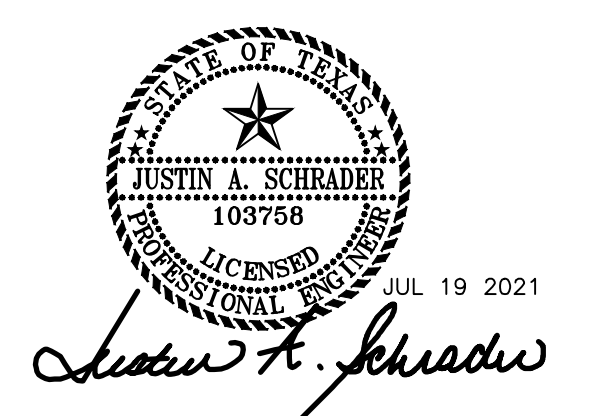
SEPTIC TANK CALCULATIONS:

450 PERSONS PER DAY * 2 GAL./PERSON = 900 GPD 900 GPD / .041 = 21,952
 SQ FT REQUIRED SHOWN SPRAY AREA = 22,559 SQ FT



Issue

No.	Date	Description
0	07/19/2021	ISSUE FOR BID
▲	07/27/2021	ADD 1 - CIVIL DESIGN REVISIONS



LJA Engineering, Inc.
 3600 W. Sam Houston Pkwy. Phone 713.953.5200
 Suite 600 Fax 713.953.5026
 Houston, Texas 77042 FRN - F-1386

PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
UTILITY PLAN

SRA Project Number
B883-1015C

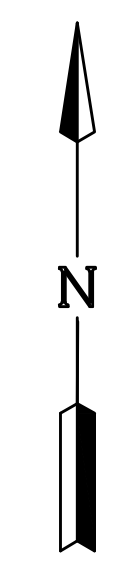
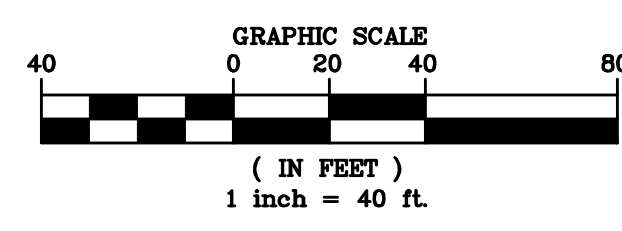
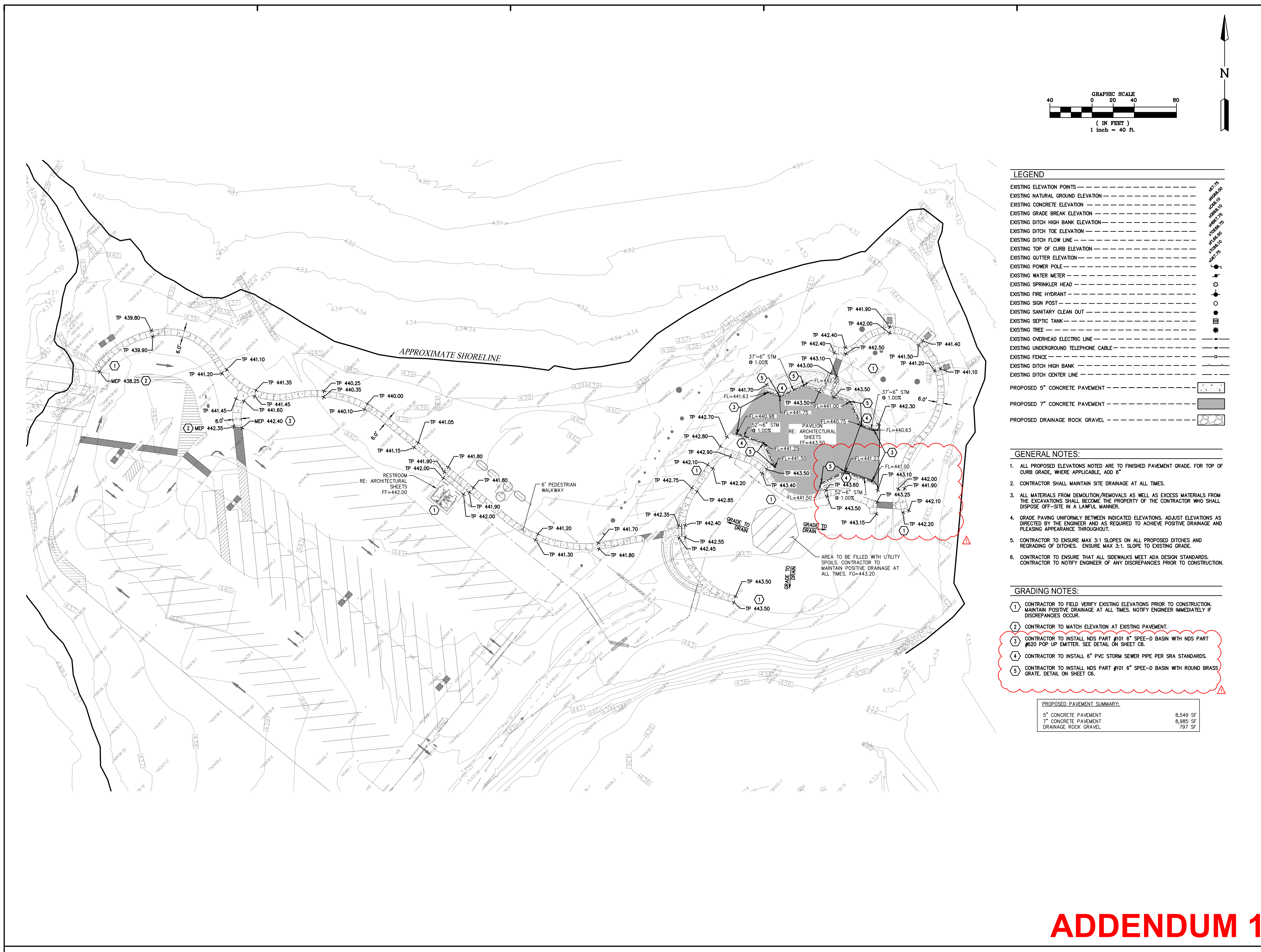
Scale
1" = 60'

Drawing Number

ADDENDUM 1

C2

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LEGEND

EXISTING ELEVATION POINTS	---
EXISTING NATURAL GROUND ELEVATION	---
EXISTING CONCRETE ELEVATION	---
EXISTING GRADE BREAK ELEVATION	---
EXISTING DITCH HIGH BANK ELEVATION	---
EXISTING DITCH TOE ELEVATION	---
EXISTING DITCH FLOW LINE	---
EXISTING TOP OF CURB ELEVATION	---
EXISTING GUTTER ELEVATION	---
EXISTING POWER POLE	---
EXISTING WATER METER	---
EXISTING SPRINKLER HEAD	---
EXISTING FIRE HYDRANT	---
EXISTING SIGN POST	---
EXISTING SANITARY CLEAN OUT	---
EXISTING SEPTIC TANK	---
EXISTING TREE	---
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND TELEPHONE CABLE	---
EXISTING FENCE	---
EXISTING DITCH HIGH BANK	---
EXISTING DITCH CENTER LINE	---
PROPOSED 5" CONCRETE PAVEMENT	---
PROPOSED 7" CONCRETE PAVEMENT	---
PROPOSED DRAINAGE ROCK GRAVEL	---

GENERAL NOTES:

- ALL PROPOSED ELEVATIONS NOTED ARE TO FINISHED PAVEMENT GRADE. FOR TOP OF CURB GRADE, WHERE APPLICABLE, ADD 6"
- CONTRACTOR SHALL MAINTAIN SITE DRAINAGE AT ALL TIMES.
- ALL MATERIALS FROM DEMOLITION/REMOVALS AS WELL AS EXCESS MATERIALS FROM THE EXCAVATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL DISPOSE OFF-SITE IN A LAWFUL MANNER.
- GRADE PAVING UNIFORMLY BETWEEN INDICATED ELEVATIONS. ADJUST ELEVATIONS AS DIRECTED BY THE ENGINEER AND AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE AND PLEASING APPEARANCE THROUGHOUT.
- CONTRACTOR TO ENSURE MAX 3:1 SLOPES ON ALL PROPOSED DITCHES AND REGRADING OF DITCHES. ENSURE MAX 3:1 SLOPE TO EXISTING GRADE.
- CONTRACTOR TO ENSURE THAT ALL SIDEWALKS MEET ADA DESIGN STANDARDS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

GRADING NOTES:

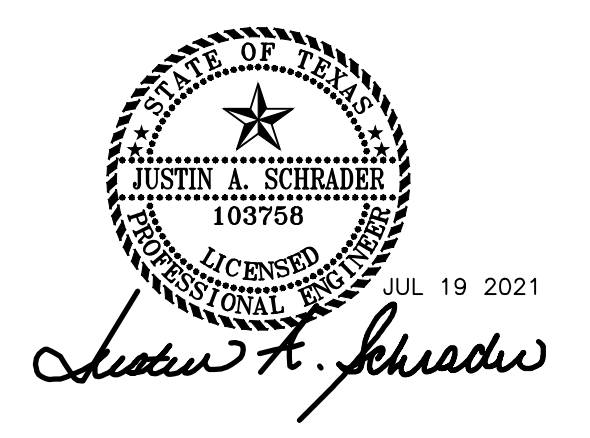
- CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES OCCUR.
- CONTRACTOR TO MATCH ELEVATION AT EXISTING PAVEMENT.
- CONTRACTOR TO INSTALL NDS PART #101 6" SPEE-D BASIN WITH NDS PART #920 POP UP EMITTER. SEE DETAIL ON SHEET C6.
- CONTRACTOR TO INSTALL 6" PVC STORM SEWER PIPE PER SRA STANDARDS.
- CONTRACTOR TO INSTALL NDS PART #101 6" SPEE-D BASIN WITH ROUND BRASS GRATE. DETAIL ON SHEET C6.

PROPOSED PAVEMENT SUMMARY:

5" CONCRETE PAVEMENT	8,549 SF
7" CONCRETE PAVEMENT	8,985 SF
DRAINAGE ROCK GRAVEL	797 SF

Issue

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0	07/19/2021	ISSUE FOR BID
▲	07/27/2021	ADD 1 - CIVIL DESIGN REVISIONS



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MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
GRADING & PAVING PLAN

SRA Project Number
B883-1015C

Scale
1" = 40'

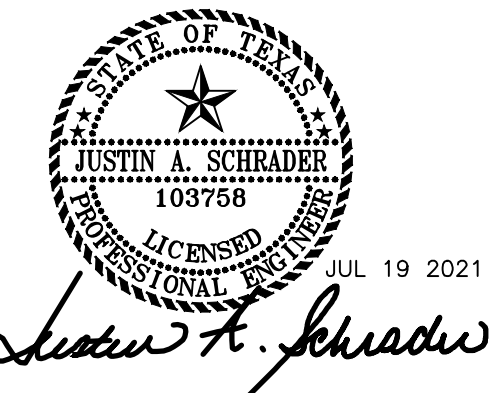
Drawing Number

ADDENDUM 1

C3

4/20/2021 3:14:08 PM

No.	Date	Description
0	07/19/2021	ISSUE FOR BID
▲	07/27/2021	ADD 1 - CIVIL DESIGN REVISIONS



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KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

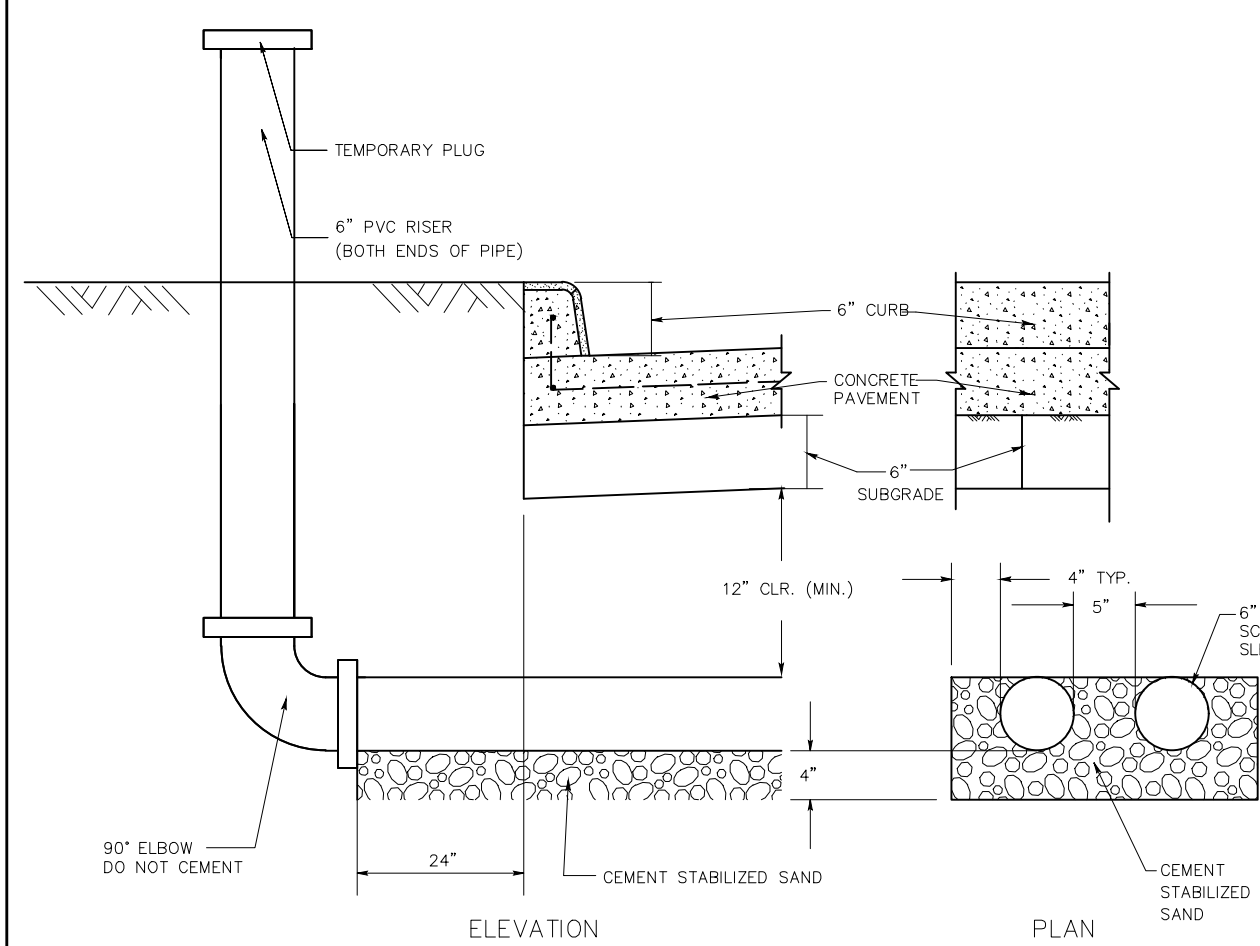
Drawing Name
MISCELLANEOUS DETAILS (2 OF 2)

SRA Project Number
B883-1015C

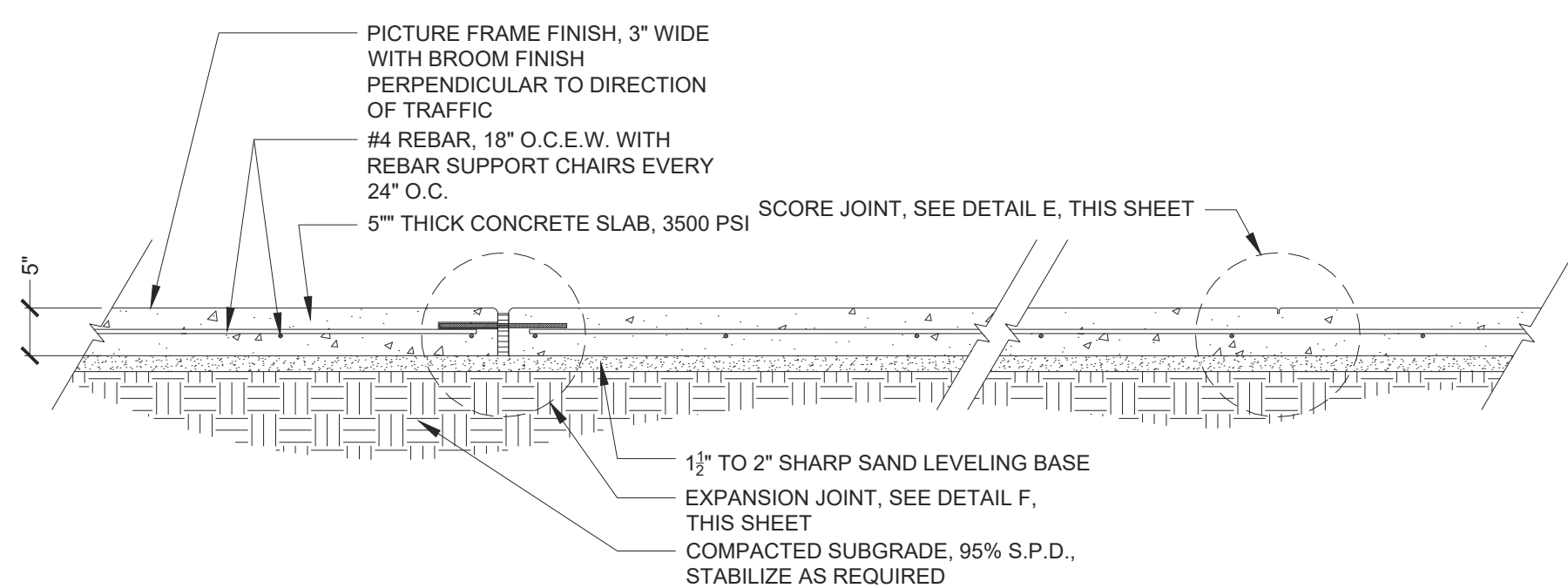
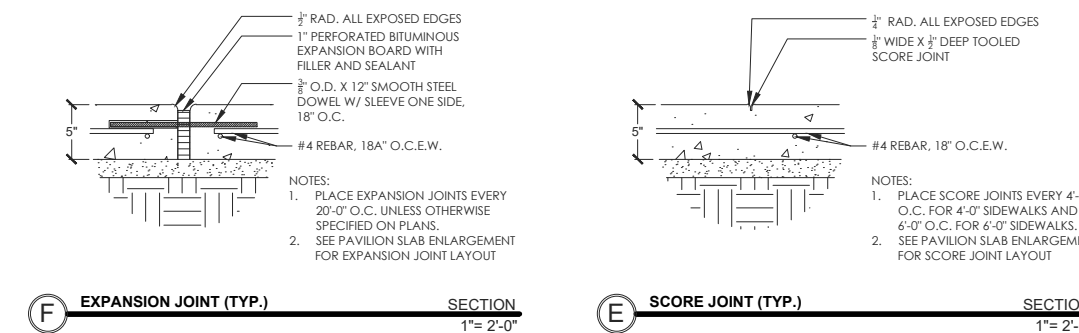
Scale
NO SCALE

Drawing Number

C7



SLEEVE DETAIL

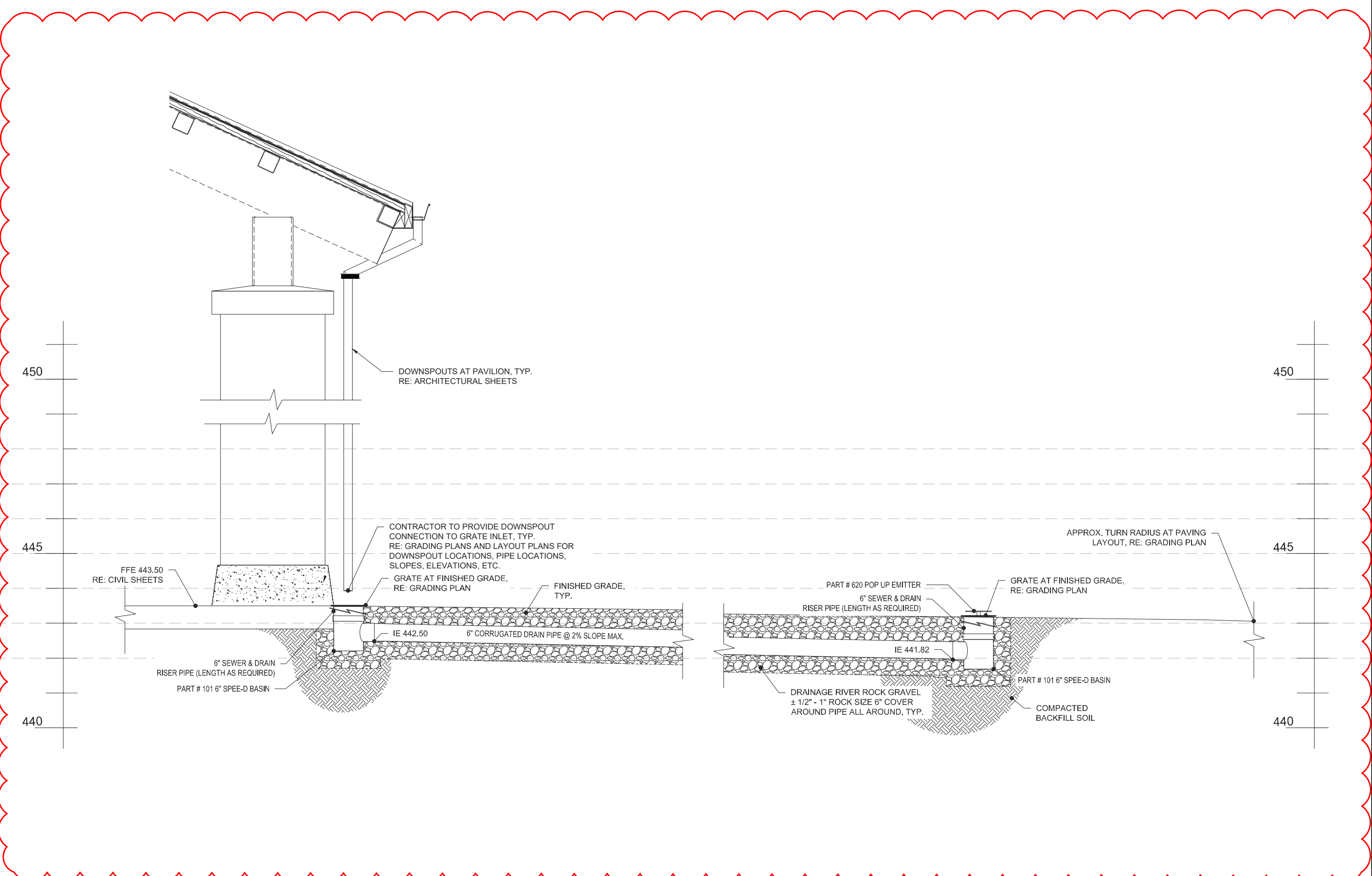


CONCRETE SIDEWALK DETAIL

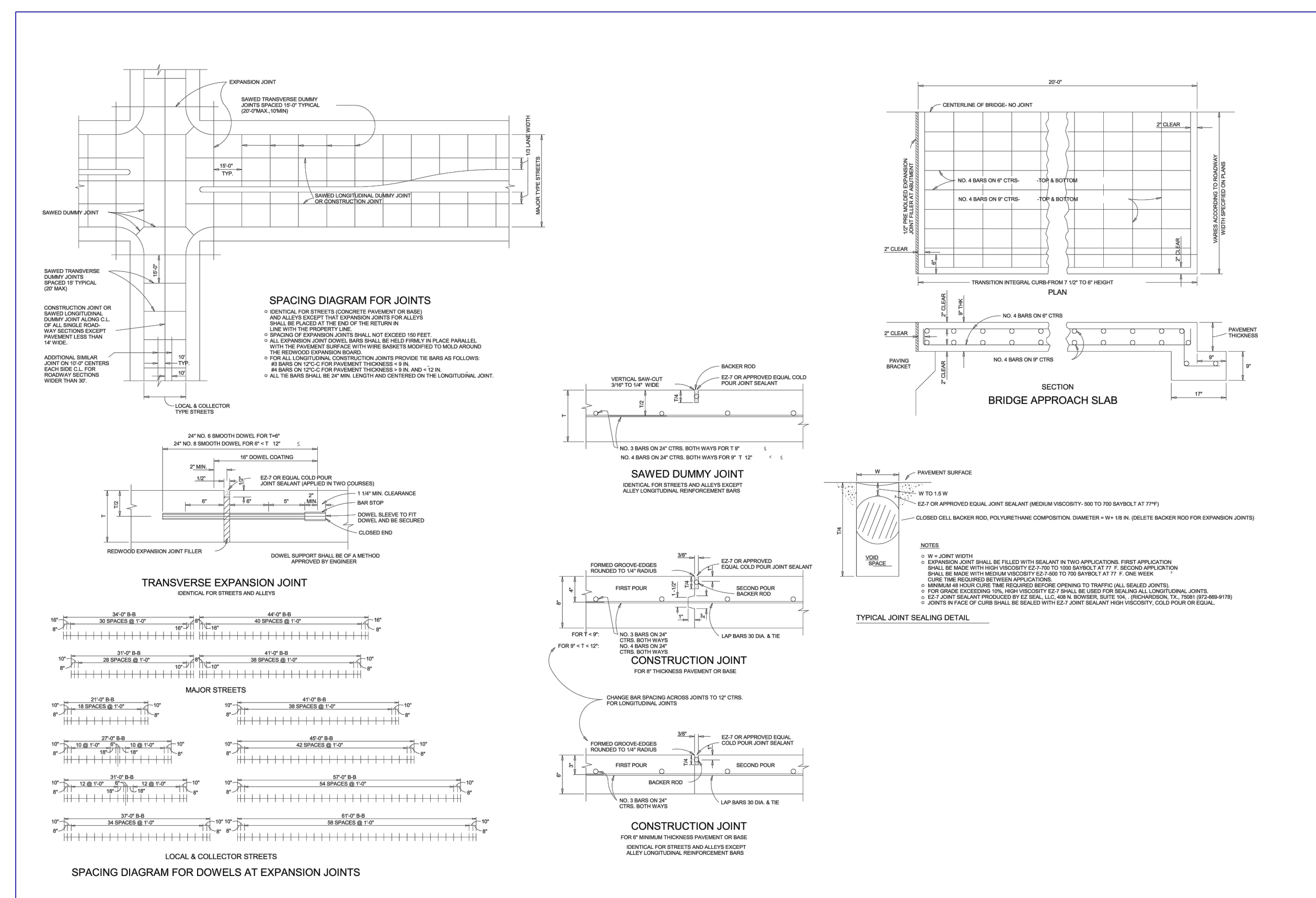
SECTION
 1"= 1'-0"

- NOTES:
- ALL EDGES SHALL BE ROUNDED WITH 3/8" RADIUS.
 - CONTROL JOINTS SHALL BE SPACED AT INTERVALS SAME AS WIDTH OF SIDEWALK.
 - CONTROL JOINTS SHALL BE 1/2" DEEP AND TROWEL EDGE.
 - 1/2" EXPANSION MATERIAL REQUIRED WHERE SIDEWALKS ABUT BUILDINGS, CURBS, DRIVEWAYS, OR EXISTING SIDEWALKS.
 - EXPANSION JOINTS SHALL BE SPACED AT 16 FT. INTERVALS TYPICALLY.
 - WHERE NEW SIDEWALK IS PLACED AGAINST EXISTING SIDEWALK, SAWCUT EXISTING SIDEWALK FULL DEPTH TO AN EVEN STRAIGHT LINE PRIOR TO INSTALLATION OF THE NEW SIDEWALK.
 - ALL NEW SIDEWALK SHALL BE DOWELED INTO ADJACENT CONCRETE STRUCTURES.

CONCRETE SIDEWALK DETAIL



DOWNSPOUT AND DRAINAGE DETAIL



CONCRETE CONSTRUCTION DETAIL

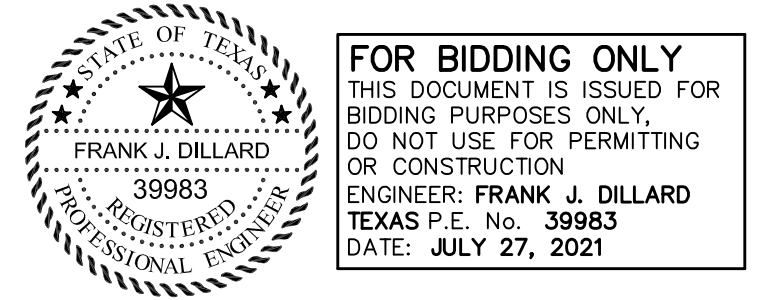
ADDENDUM 1

NAME: PP-01 POWER PANEL SCHEDULE			NEMA: 3R			LOCATION: ELECTRICAL RACK No. 1				
SOURCE: T-100 TRANSFORMER			PHASE: 3			WIRE: 4W				
VOLTS: 120/208V			MCB: 400A			BUS: 400A				
CKT #	BKR AMP	DESIGNATION	VA	LOAD φA VA	LOAD φB VA	LOAD φC VA	VA	DESIGNATION	CKT #	BKR AMP
1	100	LPR LIGHTING PANEL RESTROOM	10800.00	15800.00			5000.00	"LPP" LIGHTING PANEL PAVILION	100	2
3			6000.00		12600.00		6600.00			4
5			6300.00			14700.00				8400.00
7	150	PP-02 POWER PANEL IRRIGATION AREA	13205.00	15701.00			2496.00	LIGHT POLE No. 1, 2, 3, 4, 5 AND 6	30	8
9			10805.00		13301.00		2496.00			10
11			7205.00			9701.00				2496.00
13	20	FLAG POLES LIGHT No. 1, 2 & 3 (FUTURE)	150.00	1398.00			1248.00	LIGHT POLE No. 7, 8 AND 9	30	14
15	20	LIGHTING CONTACTOR CONTROLS	50.00		1298.00		1248.00			16
17	20	SPARE	0.00			1248.00	1248.00			18
19	20	SPARE	0.00	0.00			0.00	SPARE	100	20
21	20	SPARE	0.00		0.00		0.00			22
23	20	SPARE	0.00			0.00	0.00			24
25	20	SPARE	0.00	0.00			0.00	SPARE	20	26
27	--	SPACE	0.00		0.00		0.00	SPARE	20	28
29	--	SPACE	0.00			0.00	0.00	SPARE	20	30
31	--	SPACE	0.00	0.00			0.00	SPARE	20	32
33	--	SPACE	0.00		0.00		0.00	SPACE	--	34
35	--	SPACE	0.00			0.00	0.00	SPACE	--	36
37	--	SPACE	0.00	0.00			0.00	SPACE	--	38
39	--	SPACE	0.00		0.00		0.00	SPACE	--	40
41	--	SPACE	0.00			0.00	0.00	SPACE	--	42
NOTES:			32899.00	27199.00	25649.00	TOTAL KNOWN VA				
1. LIGHT POLE FIXTURES 5, 6, 7 & 8 ARE FUTURE SEE LIGHTING CONTACTOR SCHEMATIC DRAWING E04.			32.90	27.20	25.65	TOTAL KNOWN KVA PER PHASE				
			85.75			TOTAL KNOWN KVA				

NAME: PP-02 POWER PANEL SCHEDULE			NEMA: 3R			LOCATION: ELECTRICAL RACK No. 2 (IRRIGATION AREA)				
SOURCE: PP-01 POWER PANEL			PHASE: 3			WIRE: 4W				
VOLTS: 120/208V			MCB: 150A			BUS: 225A				
CKT #	BKR AMP	DESIGNATION	VA	LOAD φA VA	LOAD φB VA	LOAD φC VA	VA	DESIGNATION	CKT #	BKR AMP
1	30	DOSING TANK CONTROL PANEL	3600.00	6000.00			2400.00	PRETREATMENT TANK CONTROL PANEL	20	2
3	60	IRRIGATION TANK CONTROL PANEL	7205.00		10805.00		3600.00	TREATMENT TANK CONTROL PANEL	30	4
5			7205.00			7205.00	0.00	SPARE	30	6
7			7205.00	7205.00			0.00	SPARE	20	8
9	20	SPARE	0.00		0.00		0.00	SPARE	20	10
11	20	SPARE	0.00			0.00	0.00	SPARE	20	12
13	20	SPARE	0.00	0.00			0.00	SPARE	20	14
15	20	SPARE	0.00		0.00		0.00	SPARE	20	16
17	20	SPARE	0.00			0.00	0.00	SPARE	20	18
19	20	SPARE	0.00	0.00			0.00	SPARE	20	20
21	--	SPACE	0.00		0.00		0.00	SPACE	--	22
23	--	SPACE	0.00			0.00	0.00	SPACE	--	24
NOTES:			13205.00	10805.00	7205.00	TOTAL KNOWN VA				
1.			13.21	10.81	7.21	TOTAL KNOWN KVA PER PHASE				
			31.22			TOTAL KNOWN KVA				

Issue

No.	Date	Description
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 ENGINEER: FRANK J. DILLARD
 TEXAS P.E. No. 39983
 DATE: JULY 27, 2021

LJA Engineering, Inc.
 3600 W. Sam Houston Pkwy S. Suite 600
 Houston, Texas 77042
 LJA Project No. B883-1015
 Phone 713.953.5200
 Fax 713.953.5026
 FRN-F1386
 B883-1015

PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL PANEL SCHEDULES

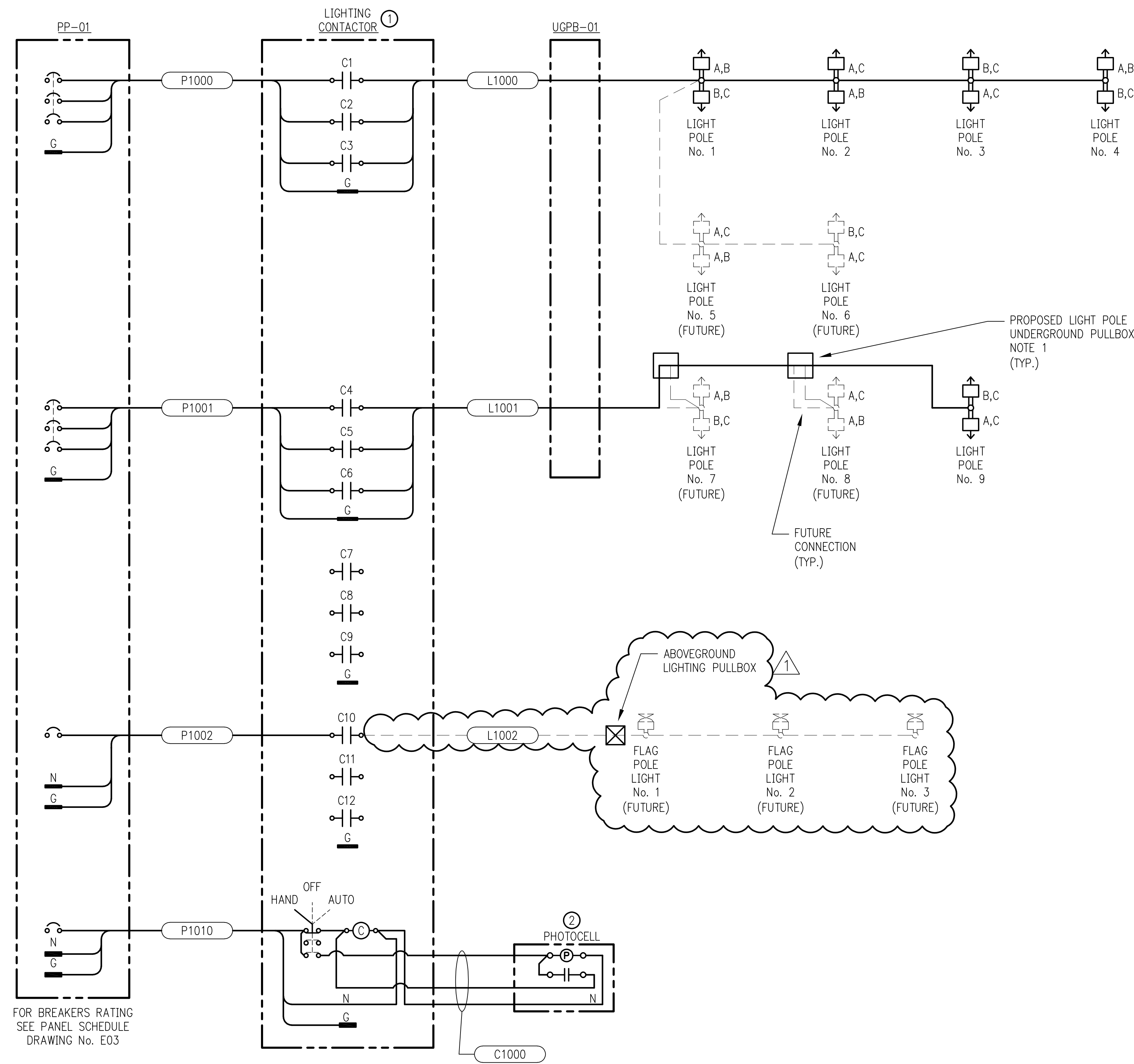
SRA Project Number
B883-1015C

Scale
NONE

Drawing Number

E3

ADDENDUM 1



FOR BREAKERS RATING
SEE PANEL SCHEDULE
DRAWING No. E03

ITEM	QTY	DESCRIPTION
1	1	LIGHTING CONTACTOR, 208V, 30A, 12 POLE, 120VAC COIL, ELECTRICALLY HELD, NEMA 3R WITH HAND-OFF-AUTO SELECTOR SWITCH
2	1	PHOTOCELL, 120VAC, 15A, STEM MOUNTED

NOTES:

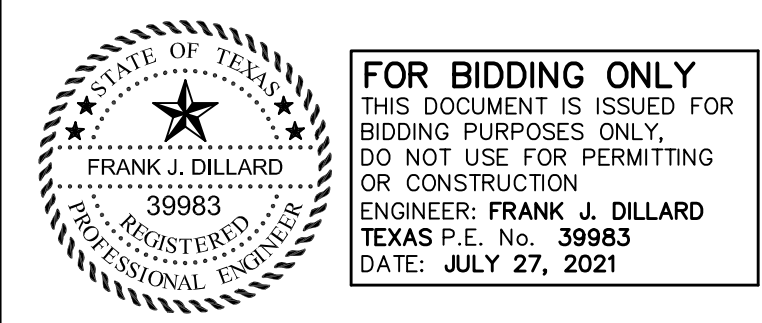
- CONTRACTOR TO INSTALL UNDERGROUND PULLBOXES AND SHALL COIL 20 FEET OF WIRE INSIDE EACH PULLBOX FOR FUTURE CONNECTION TO THE FUTURE LIGHT POLES.
-

LEGEND:

- PROPOSED CABLE/CONDUCTORS
- - - FUTURE CABLE/CONDUCTORS
- XXXX PROPOSED/FUTURE CABLE/CONDUCTORS TAG

Issue

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Houston, Texas 77042 FRN-F1386
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MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
**LAKE TAWAKONI
TOURNAMENT FACILITY
ARCHITECTURAL AND
UTILITIES**

Drawing Name
**ELECTRICAL
LIGHTING CONTACTOR
SCHEMATIC**

SRA Project Number
B883-1015C

Scale
NONE

Drawing Number

ADDENDUM 1

E4

CONDUIT AND CABLE SCHEDULE

CONDUIT TAG	CABLE TAG	SERVICE		ROUTING		QTY.	CABLES/CONDUCTORS			CONDUITS			VIA / COMMENTS / NOTES
		VOLTS	LOAD	ORIGINATION POINT	TERMINATION POINT		SIZE	INSUL. TYPE	APPROX. LENGTH	COND. SIZE	TYPE	APPROX. LENGTH	
F1000	F1000	120/208V, 3φ	150KVA	T-100 SERVICE ENTRANCE TRANSFORMER	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	3	#3/0, 1 #3/0 NEU., 1 #4 GND. EA.	THHN	30'	2 - 2 1/2"	RMC	15'	UTILITY METER CAN AND FUSED DISCONNECT SWITCH
F2000	F2000	120/208V, 3φ	150A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	PP-02 POWER PANEL (ELECT. RACK No. 2 IRRIGATION AREA)	3	#4/0, 1 #4/0 NEU., 1 #4 GND.	THHN	275'	3"	RMC/SCH40	265'	
F2001	F2001	120V	10A	PP-02 POWER PANEL (ELECT. RACK No. 2 IRRIGATION AREA)	PRETREATMENT TANK DISCONNECT SWITCH	2	#12, 1 #12 GND.	THHN	50'	1"	RMC/SCH40	40'	FOR PRETREATMENT TANK CONTROL PANEL
F2002	F2002	120V	30A	PP-02 POWER PANEL (ELECT. RACK No. 2 IRRIGATION AREA)	DOSING TANK DISCONNECT SWITCH	2	#10, 1 #10 GND.	THHN	50'	1"	RMC/SCH40	40'	FOR DOSING TANK CONTROL PANEL
F2003	F2003	120V	30A	PP-02 POWER PANEL (ELECT. RACK No. 2 IRRIGATION AREA)	TREATMENT TANK DISCONNECT SWITCH	2	#8, 1 #10 GND.	THHN	60'	1"	RMC/SCH40	50'	FOR TREATMENT TANK CONTROL PANEL
F2004	F2004	208V, 3φ	60A	PP-02 POWER PANEL (ELECT. RACK No. 2 IRRIGATION AREA)	IRRIGATION TANK DISCONNECT SWITCH	3	#4, 1 #8 GND.	THHN	80'	1"	RMC/SCH40	70'	FOR IRRIGATION TANK CONTROL PANEL
F3000	F3000	120/208V, 3φ	100A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LPP LIGHTING PANEL (PAVILION)	3	#3/0, 1 #3/0 NEU., 1 #4 GND.	THHN	365'	2 1/2"	RMC/SCH40	355'	
F4000	F4000	120/208V, 3φ	100A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LPR LIGHTING PANEL (RESTROOM)	3	#1, 1 #1 NEU., 1 #6 GND.	THHN	230'	1 1/2"	RMC/SCH40	220'	
P1000	P1000	120/208V, 3φ	30A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LIGHTING CONTACTOR	3	#10, 1 #10 GND.	THHN	5'	3/4"	RMC/SCH40	2'	FOR LIGHT POLE No. 1, 2, 3, 4, 5 & 6
P1000	P1000	120/208V, 3φ	30A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LIGHTING CONTACTOR	3	#10, 1 #10 GND.	THHN	5'	3/4"	RMC/SCH40	2'	FOR LIGHT POLE No. 7, 8 & 9
P1002	P1002	120/208V, 3φ	20A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LIGHTING CONTACTOR	2	#12, 1 #12 GND.	THHN	5'	3/4"	RMC/SCH40	2'	FOR FLAG POLES LIGHT No. 1, 2 & 3
P1110	P1110	120V	20A	PP-01 POWER PANEL (ELECT. RACK No. 1 PAVILION AREA)	LIGHTING CONTACTOR	2	#12, 1 #12 GND.	THHN	5'	3/4"	RMC/SCH40	2'	
L1000	L1000	208V, 3φ	25A	LIGHTING CONTACTOR	LIGHT POLE No. 1, 2, 3, 4, 5 & 6	3	#4, 1 #8 GND.	THHN	650'	2"	RMC/SCH40	630'	NOTE 5
L1001	L1001	208V, 3φ	624VA	LIGHTING CONTACTOR	LIGHT POLE No. 7, 8 & 9	3	#4, 1 #8 GND.	THHN	590'	1"	RMC/SCH40	580'	
L1002	L1002	120V	300VA	LIGHTING CONTACTOR	ABOVE GROUND PULLBOX (FLAG POLES AREA)	2	#10, 1 #10 GND. (FUTURE)	THHN	220'	1"	RMC/SCH40	210'	FOR FUTURE FLAG POLES LIGHT No. 1, 2 & 3
C1000	C1000	120V	120VA	LIGHTING CONTACTOR	PHOTOCELL	3	#14, 1 #14 GND.	THHN	10'	3/4"	RMC/SCH40	8'	

NOTES

- FOR ALLOWABLE CONDUIT AND CONDUCTOR INSULATION TYPES SEE RELATED SPECIFICATIONS.
- CONDUCTOR AND CABLE LENGTHS ARE IN FEET.
- CONTRACTOR SHALL COIL AND TAPE SPARE CONDUCTORS.
- CONDUITS ON PLANS ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL INSTALL SUPPORTS AND PULL FITTINGS AS REQUIRED WITH A MAXIMUM OF THREE (3) 90° CONDUIT BENDS BETWEEN FITTINGS OR BOXES. FINAL CONDUIT BANK ROUTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING 2" CONDUIT RUNNING ACROSS THE THE PARKING LOT SHALL BE INTERCEPTED AND EXTENDED TO THE ELECTRICAL RACK No. 1 AND INSTALL CONDUCTOR PER THIS CONDUIT AND CABLE SCHEDULE.

ABBREVIATIONS:

- EA. = EACH
 FT. = FEET
 GND. = GROUND
 NEU. = NEUTRAL

Issue

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LJA Engineering, Inc.

3600 W. Sam Houston Pkwy S. Suite 600 Houston, Texas 77042 LJA Project No.
 Phone 713.953.5200 Fax 713.953.5026 FRN-F1386 B883-1015

PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL CONDUIT AND CABLE SCHEDULE

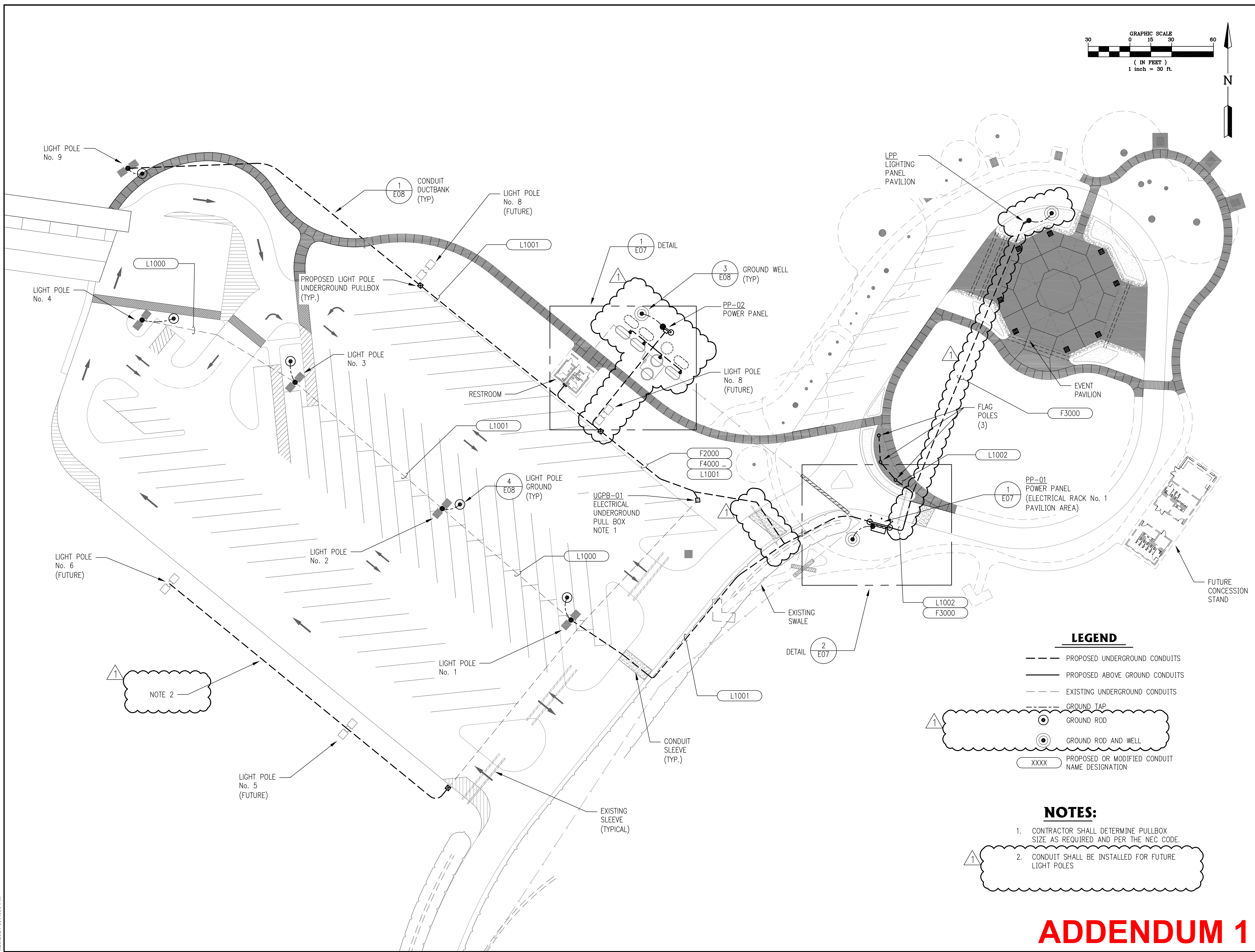
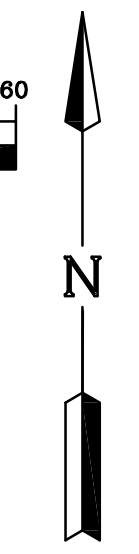
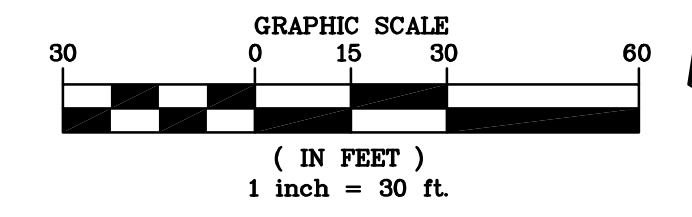
SRA Project Number
B883-1015C

Scale
NONE

Drawing Number

E5

ADDENDUM 1



NOTE 2

LEGEND

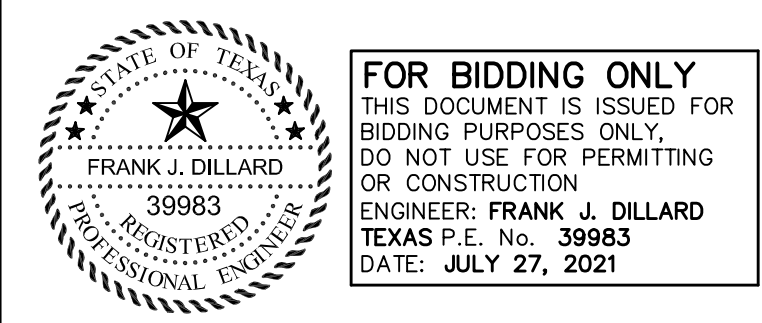
- PROPOSED UNDERGROUND CONDUITS
- PROPOSED ABOVE GROUND CONDUITS
- - - EXISTING UNDERGROUND CONDUITS
- GROUND TAP
- GROUND ROD
- ⊙ GROUND ROD AND WELL
- XXXX PROPOSED OR MODIFIED CONDUIT NAME DESIGNATION

NOTES:

- CONTRACTOR SHALL DETERMINE PULLBOX SIZE AS REQUIRED AND PER THE NEC CODE.
- CONDUIT SHALL BE INSTALLED FOR FUTURE LIGHT POLES

Issue

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KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL ENLARGED CONDUIT PLANS

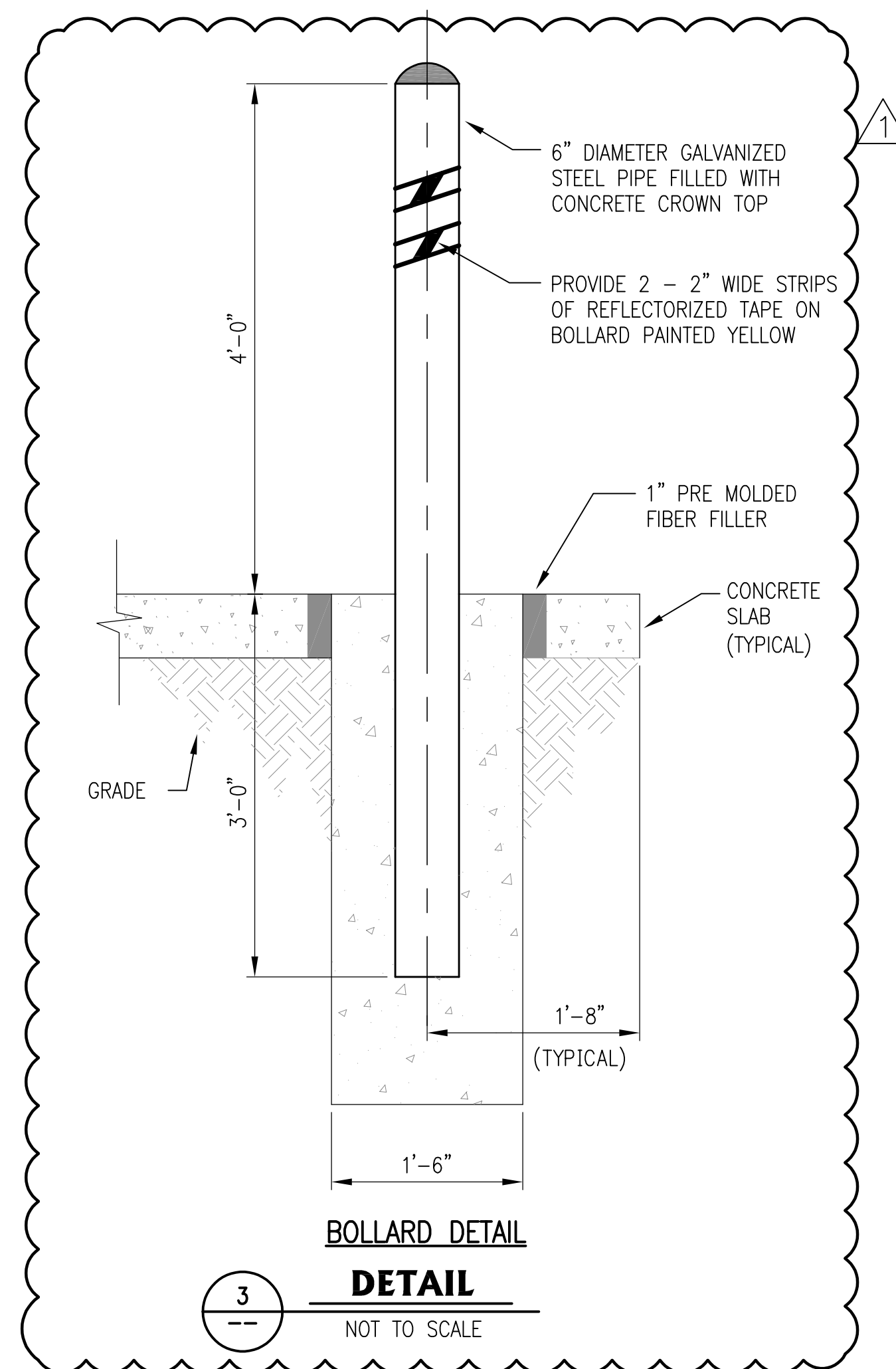
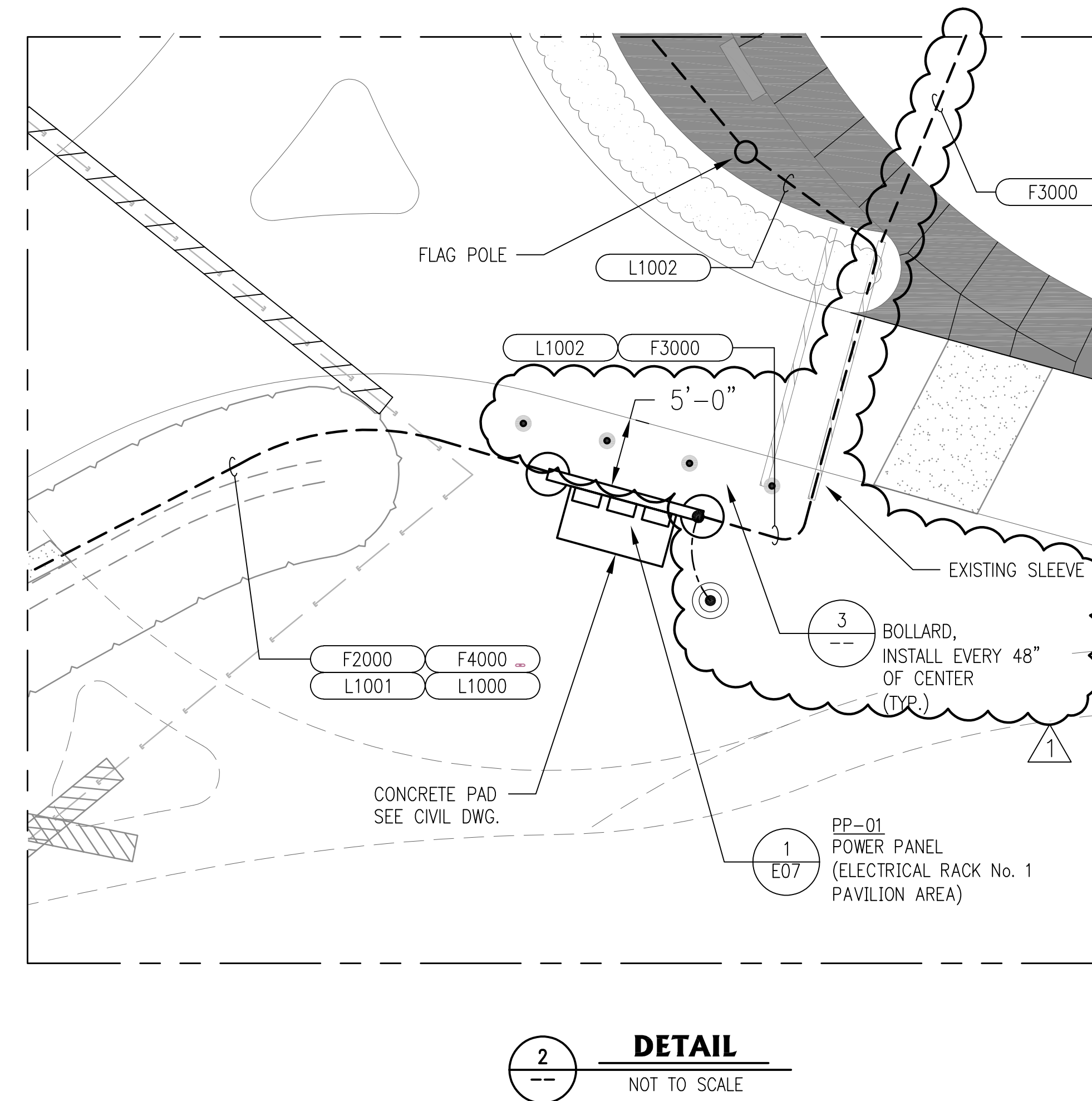
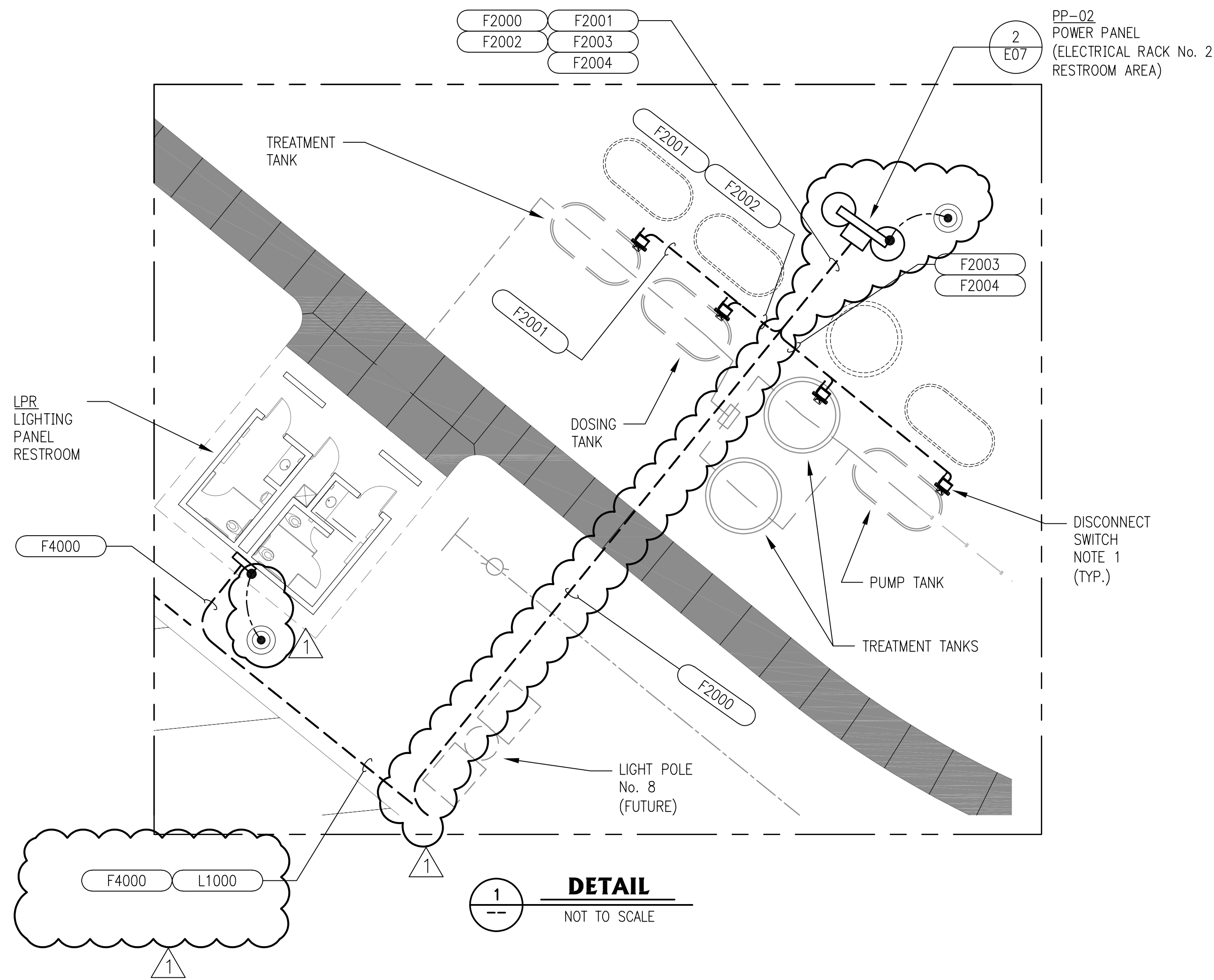
SRA Project Number
B883-1015C

Scale
1" = 30'

Drawing Number

ADDENDUM 1

E6



NOTES:

1. CONTRACTOR TO INSTALL FUSED DISCONNECT SWITCHES AS FOLLOWS:
 - 1.1. PRETREATMENT, TREATMENT AND DOSING TANKS 30A, 2 POLE, 1 ϕ , NEMA 3R
 - 1.2. IRRIGATION TANK 60 AMPS, 3 POLE, 3 ϕ , NEMA 3R

Issue

No.	Date	Description
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LEGEND

- PROPOSED UNDERGROUND CONDUITS
- PROPOSED ABOVE GROUND CONDUITS
- - - EXISTING UNDERGROUND CONDUITS
- XXXX PROPOSED OR MODIFIED CONDUIT NAME DESIGNATION



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ENGINEER: FRANK J. DILLARD
TEXAS P.E. No. 39983
DATE: JULY 27, 2021

LJA Engineering, Inc.
3600 W. Sam Houston Pkwy S. Suite 600
Houston, Texas 77042
LJA Project No. B883-1015C
Phone 713.953.5200
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B883-1015

PROJECT TEAM

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KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL ENLARGED CONDUIT PLAN DETAILS

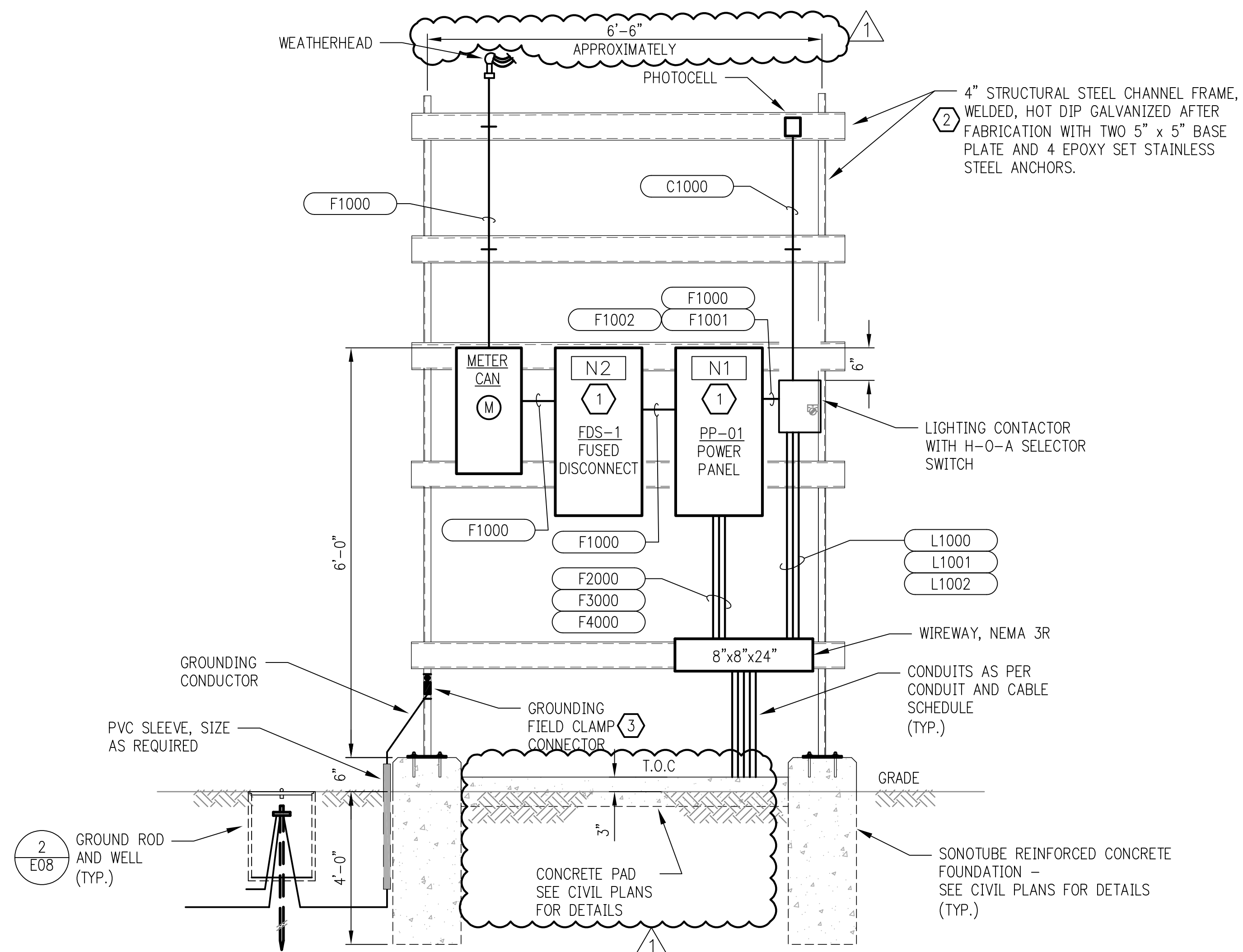
SRA Project Number
B883-1015C

Scale
NTS

Drawing Number

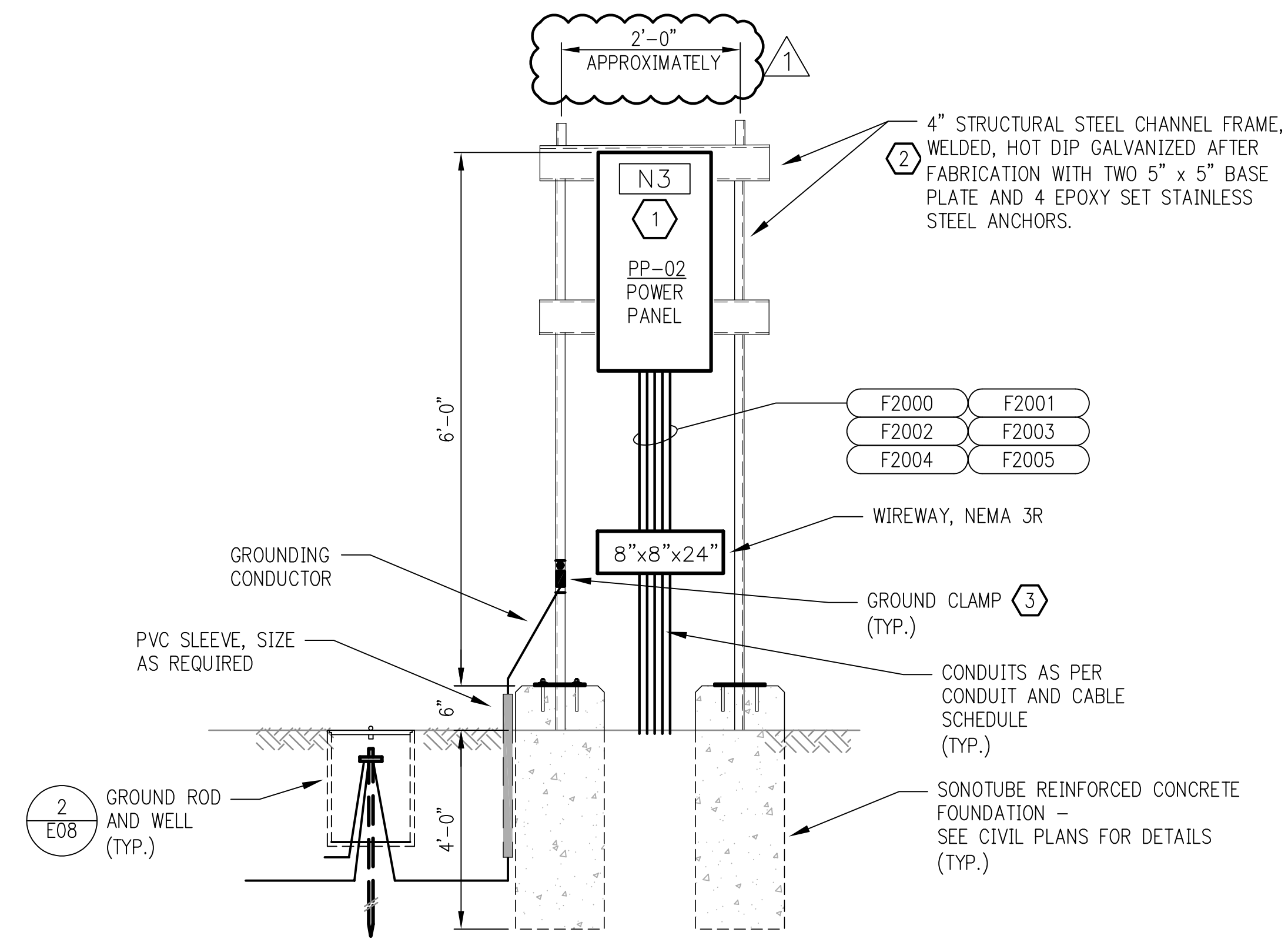
ADDENDUM 1

E7



FRONT VIEW ELEVATION SWITCH RACK No. 1

ELECTRICAL RACK No. 1
NOT TO SCALE



FRONT VIEW ELEVATION SWITCH RACK No. 2

ELECTRICAL RACK No. 2
NOT TO SCALE

NAMEPLATE SCHEDULE

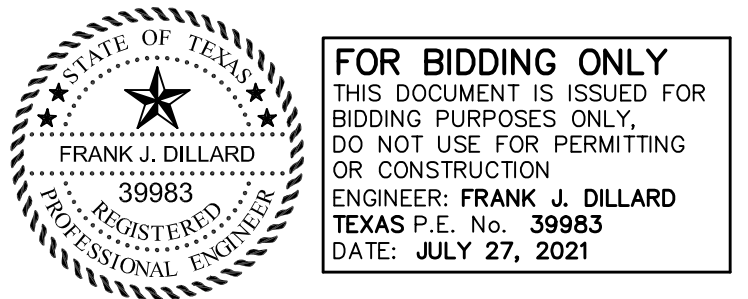
DESIGNATION	ENGRAVED
N1	PP-01
N2	FDS-1
N3	PP-02

NOTES BY SYMBOL "R"

- NAMEPLATE, 3/8" HIGH LETTERS IN WHITE ON BLACK BAKELIGHT (SEE NAMEPLATE SCHEDULE), SHALL BE MOUNTED USING 316 STAINLESS STEEL HARDWARE.
- UNLESS OTHERWISE NOTED, ALL NUTS, BOLTS, SCREWS WASHERS, ETC. SHALL BE TYPE 316 STAINLESS STEEL.
- PROVIDE ANTI-CORROSIVE SPRAY ON ANY BARE METAL PARTS OR EXPOSED WIRE.

Issue

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Houston, Texas 77042 FRN-F1386
LJA Project No. B883-1015

PROJECT TEAM

Owner	Sabine River Authority
Architect	Studio Red Architects
Civil Engineer	LJA Engineering
Structural Engineer	Fractal Structural Engineering
MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL SWITCHRACK No. 1 AND No. 2

SRA Project Number
B883-1015C

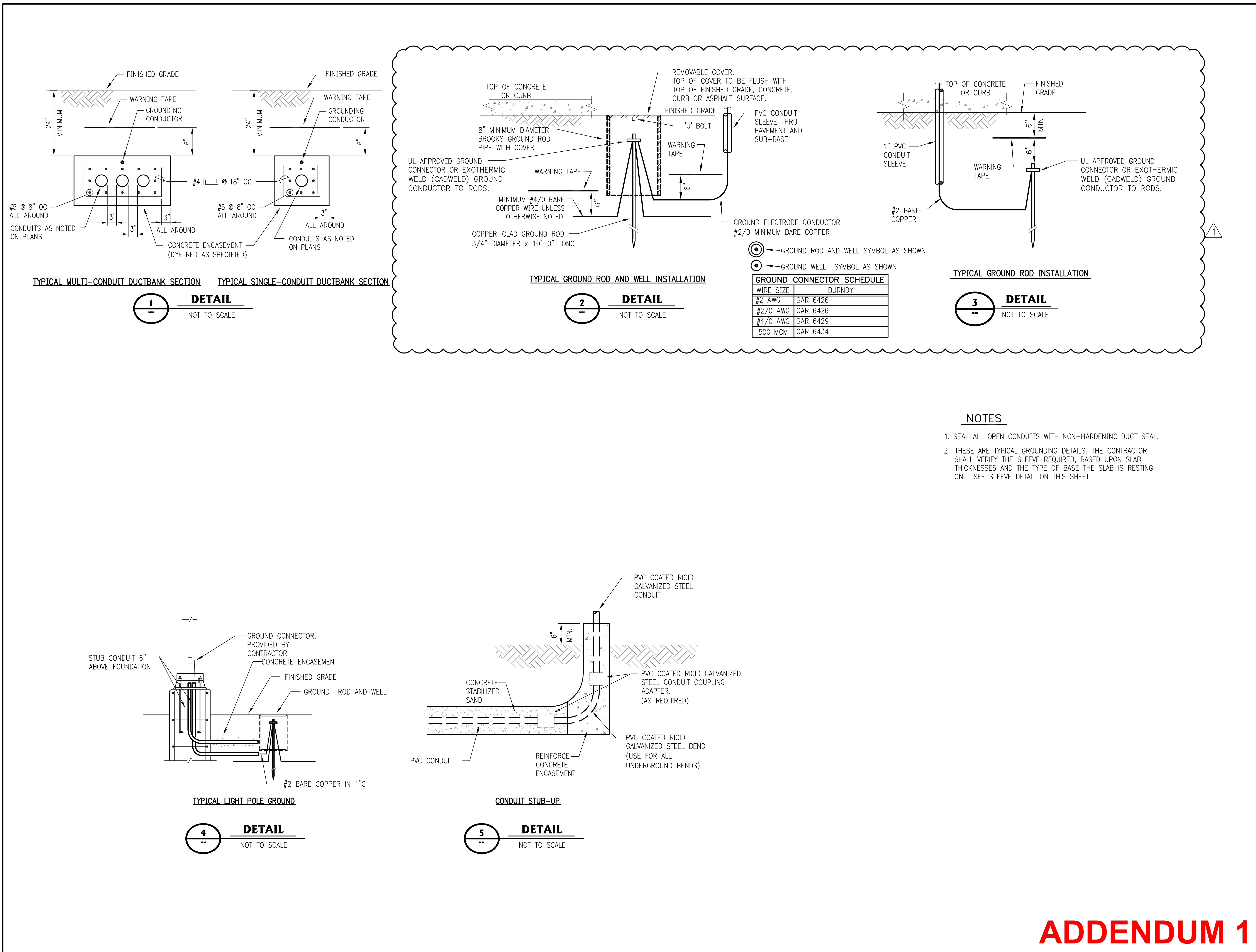
Scale
NTS

Drawing Number

E8

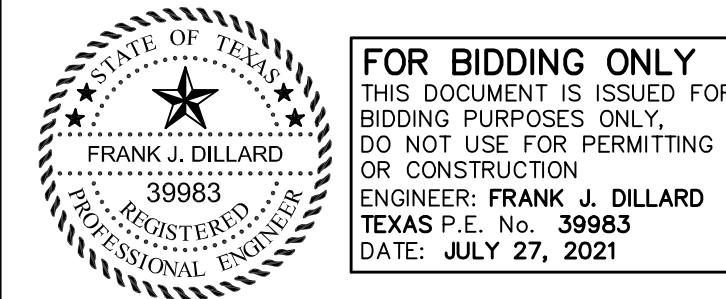
ADDENDUM 1

4/20/2021 3:14:05 PM



Issue

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MEP	Salas O'Brien
Landscape Architect	LJA Engineering

KEY PLAN

Project Name
LAKE TAWAKONI TOURNAMENT FACILITY ARCHITECTURAL AND UTILITIES

Drawing Name
ELECTRICAL MISCELLANEOUS DETAILS

SRA Project Number
B883-1015C

Scale
NTS

Drawing Number

E9

ADDENDUM 1