



August 25, 2023

Project Name: Madison County Schools - New Tennis Complex

Project Number: 23-034

ADDENDUM NO. 04

NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

GENERAL

ITEM NO. 01

Add Alternate Number 3

REVISE Add Alternate Number 3 to include the following:

Alternate 3: Court Lighting Packages (Alternates 3A and 3B):

3A: Alternate 3A includes purchase and installation of court lighting associated with tennis courts 1 through 10 (16 poles with lights, total); see electrical drawings for additional information.

3B: Alternate 3B includes purchase and installation of court lighting associated with tennis courts 11 and 12 (2 poles with lights, total); see electrical drawings for additional information.

ITEM NO. 02

Building Permit Clarification

A building permit from **the City of Madison** is required for this project.

SPECIFICATIONS

ITEM NO. 03

00.4100 Bid Form

REPLACE the Bid Form with the attached **00.4100 Bid Form**.

Clarification: The revised Bid Form modifies Alternate #3 to incorporate variations A and B.

ITEM NO. 04

03.0505 Underslab Vapor Barrier (Site Concrete)

CLARIFICATION: The Vapor Barrier specified in this Section shall be utilized under all tennis court slabs.

CLARIFICATION: Vapor Barrier shall be installed per Note #5 on sheet C6.2.

ITEM NO. 05

04.2000 Unit Masonry

Part 2, Paragraph B, Item 1:

REVISE Item 1 to read as follows:

Color and Texture: Selected from available stock within a price range of **\$700.00 per thousand**



DRAWINGS

ITEM NO. 06

Sheet A001 ARCHITECTURAL SITE PLAN

REPLACE sheet **A001**, with the attached **revised A001**.

Clarification: Revisions add callouts for the concessions building plans. Revisions also include the addition of 72” wide passage gates to the perimeter chain link fencing.

ITEM NO. 07

Sheet A101 FIRST FLOOR PLAN BASE BID

REPLACE sheet **A101**, with the attached **revised A101**.

Clarification: Revised plan adds dimensions to partitions in Women Changing 101 and Men Changing 103.

NOTE: Toilet partitions, urinal dividers, and changing room partitions shall all meet the requirements of Specification Section 10.2113.19 - Plastic Toilet Compartments.

ITEM NO. 08

Sheet A104 TENNIS COURT DETAILS

REPLACE sheet **A104**, with the attached **revised A104**.

Clarification: Revised drawing adds a detail to communicate intent for the 3’ x 7’ End Gates located in 10’-0” high fencing.

ITEM NO. 09

Sheet E101 ELECTRICAL SITE PLAN

REPLACE sheet **E101**, with the attached **revised E101**.

Clarification: Revised drawing indicates poles and luminaires to be included in Alternates 3A or 3B.

ITEM NO. 10

Sheet E301 ELECTRICAL DETAILS

REPLACE sheet **E301**, with the attached **revised E301**.

Clarification: Drawing makes revision to the Electrical Service & Distribution system to meet the requirements of the Court Lighting system and to clarify work to be included in Alternate 3A.

ITEM NO. 11

Sheet E302 ELECTRICAL SCHEDULES

REPLACE sheet **E302**, with the attached **revised E302**.

Clarification: Revisions include updates to Panel LTL.

ITEM NO. 12

Sheet E401 COURT LIGHTING DETAILS

REPLACE sheet **E401**, with the attached **revised E401**.

Clarification: Revised drawing indicates poles and luminaires to be included in Alternates 3A or 3B.



Encl: **RFIs:** n/a
Specifications (8.5x11): 00.4100
Drawings (24x36): A001, A101, A104, E101, E301, E302, E401

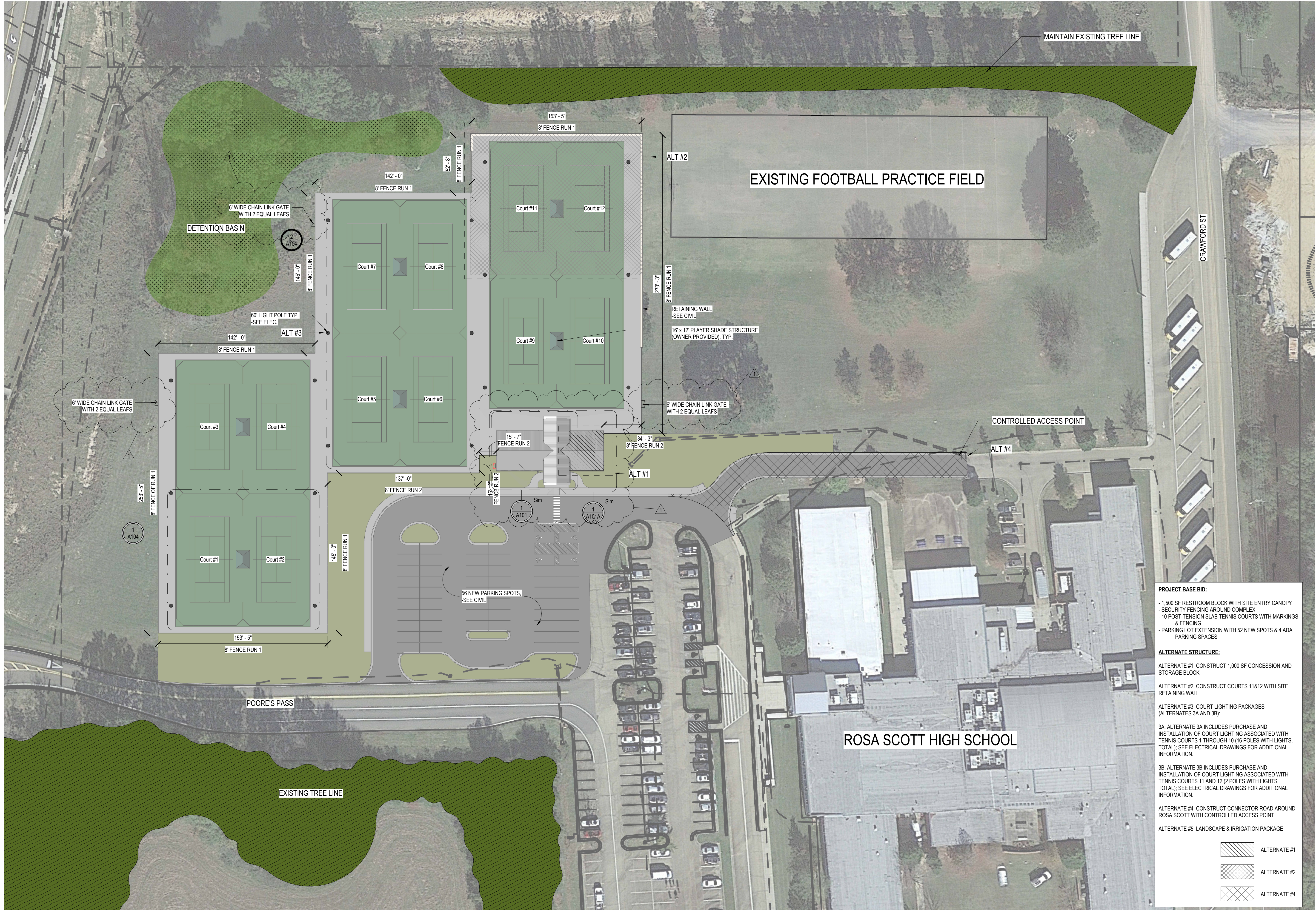
Cc: All document holders
File : 23-034/C/C2

Bid Form**THE PROJECT AND THE PARTIES**

1. TO:
 - A. Madison County Schools (Owner)
2. FOR:
 - A. Project: Madison County Schools Tennis Complex
3. DATE: _____ (BIDDER TO ENTER DATE)
4. SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)
 - A. Bidder's Full Name _____
 1. Address _____
 2. City, State, Zip _____
5. OFFER
 - A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Bid Documents prepared by Wier Boerner Allin Architecture, PLLC. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
 - B. _____ dollars
 (\$ _____), in lawful money of the United States of America.
 - C. We have included the required security deposit as required by the Instruction to Bidders.
 - D. We have included the required performance assurance bonds in the Bid Amount as required by the Instructions to Bidders.
 - E. All applicable federal taxes are included and State of _____ taxes are included in the Bid Sum.
 - F. All Cash and Contingency Allowances described in Section 01.2100 - Allowances are included in the Bid Sum.
 - G. ALTERNATES:
 1. ALTERNATE #1: Construction of Concessions and Storage Block (ADD): \$ _____
 - a. (amount in words) _____
 2. ALTERNATE #2: Construction of Tennis Courts 11 & 12 and Site Retaining Wall (ADD):
 \$ _____
 - a. (amount in words) _____
 3. **ALTERNATE #3A:** Purchase and Installation of Court Lighting for Tennis Courts 1 through 10 (ADD):
 - a. \$ _____
 - b. (amount in words) _____
 - ALTERNATE #3B:** Purchase and Installation of Court Lighting for Tennis Courts 11 & 12 (ADD):
 - c. \$ _____
 - d. (amount in words) _____
 4. ALTERNATE #4: Construction of Connector Road (ADD): \$ _____
 - a. (amount in words) _____
 5. ALTERNATE #5 Landscape & Irrigation Package (ADD): \$ _____
 - a. (amount in words) _____
6. ACCEPTANCE
 - A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.
 - B. If this bid is accepted by Owner within the time period stated above, we will:
 1. Execute the Agreement within seven days of receipt of Notice of Award.
 2. Furnish the required bonds within seven days of receipt of Notice of Award.

- 3. Commence work within seven days after written Notice to Proceed of this bid.
 - C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
 - D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.
7. CONTRACT TIME
- A. If this Bid is accepted, we will:
 - B. Complete the Work by Friday, July 26, 2024.
8. ADDENDA
- A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
 - 1. Addendum # _____ Dated _____.
 - 2. Addendum # _____ Dated _____.
 - 3. Addendum # _____ Dated _____.
 - 4. Addendum # _____ Dated _____.
9. BID FORM SUPPLEMENTS
- A. The following Supplements are attached to this Bid Form and are considered an integral part of this Bid Form:
 - 1. Document 00.4322 - Unit Prices Form: Include a listing of unit prices specifically requested by Contract Documents.
 - B. We agree to submit the following Supplements to Bid Forms within 24 hours after submission of this bid for additional bid information:
 - 1. Financing Information as required in Section 01.2000, Paragraph 1.7.
10. BID FORM SIGNATURE(S)
- A. The Corporate Seal of
 - B. _____
 - C. (Bidder - print the full name of your firm)
 - D. was hereunto affixed in the presence of:
 - E. _____
 - F. (Authorized signing officer, Title)
 - G. (Seal)
 - H. _____
 - I. (Authorized signing officer, Title)
11. IF THE BID IS A JOINT VENTURE OR PARTNERSHIP, ADD ADDITIONAL FORMS OF EXECUTION FOR EACH MEMBER OF THE JOINT VENTURE IN THE APPROPRIATE FORM OR FORMS AS ABOVE.

END OF SECTION



PROJECT BASE BID:

- 1,500 SF RESTROOM BLOCK WITH SITE ENTRY CANOPY
- SECURITY FENCING AROUND COMPLEX
- 10 POST-TENSION SLAB TENNIS COURTS WITH MARKINGS & FENCING
- PARKING LOT EXTENSION WITH 52 NEW SPOTS & 4 ADA PARKING SPACES

ALTERNATE STRUCTURE:

ALTERNATE #1: CONSTRUCT 1,000 SF CONCESSION AND STORAGE BLOCK

ALTERNATE #2: CONSTRUCT COURTS 11&12 WITH SITE RETAINING WALL

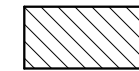


ALTERNATE #3: COURT LIGHTING PACKAGES (ALTERNATES 3A AND 3B):

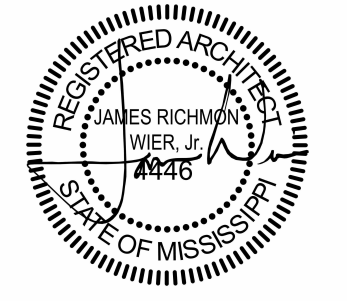
3A: ALTERNATE 3A INCLUDES PURCHASE AND INSTALLATION OF COURT LIGHTING ASSOCIATED WITH TENNIS COURTS 1 THROUGH 10 (16 POLES WITH LIGHTS, TOTAL); SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

3B: ALTERNATE 3B INCLUDES PURCHASE AND INSTALLATION OF COURT LIGHTING ASSOCIATED WITH TENNIS COURTS 11 AND 12 (2 POLES WITH LIGHTS, TOTAL); SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

ALTERNATE #4: CONSTRUCT CONNECTOR ROAD AROUND ROSA SCOTT WITH CONTROLLED ACCESS POINT

ALTERNATE #5: LANDSCAPE & IRRIGATION PACKAGE

 ALTERNATE #1
 ALTERNATE #2
 ALTERNATE #4



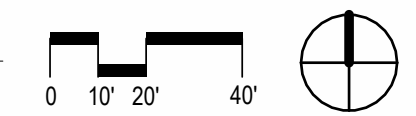
08.02.23

CONSTRUCTION
DOCUMENTS

WBA # 23-034

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 04	08.25.23

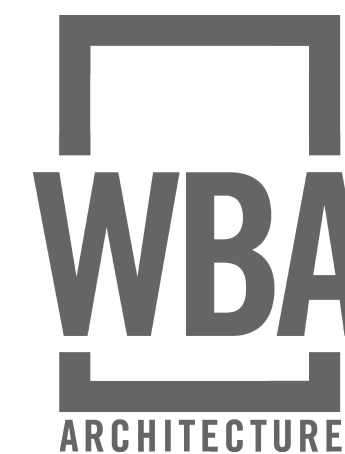
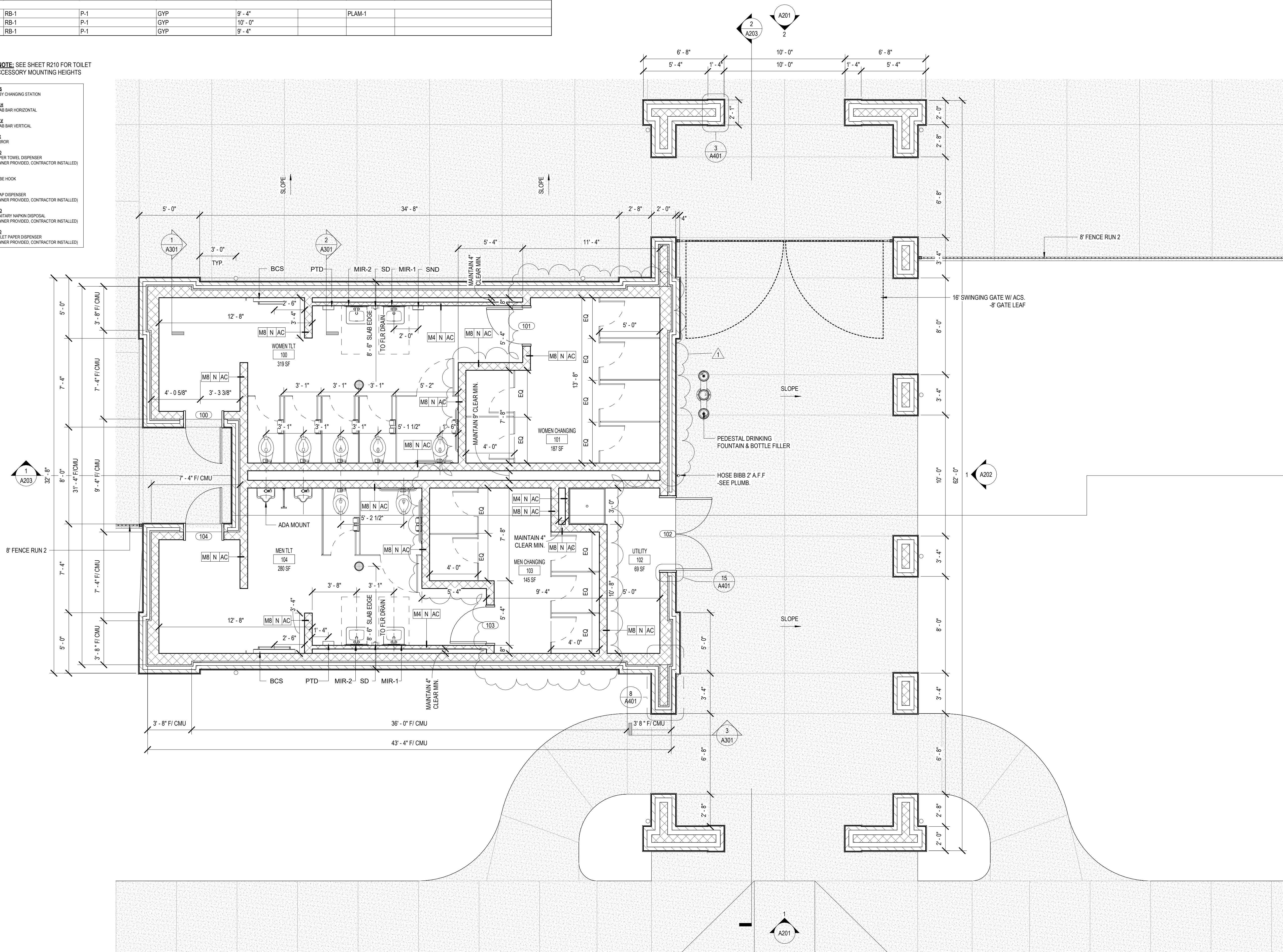


FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FIN.	BASE	WALL FIN.	CEILING FIN.	CEILING HEIGHT	MILLWORK	COUNTER TOP	COMMENTS
BASE BID									
100	WOMEN TLT	SC	RB-1	P-1	GYP	9'-4"			
101	WOMEN CHANGING	SC	RB-1	P-1	GYP	9'-4"			
102	UTILITY	SC	RB-1	P-1	GYP	9'-4"			
103	MEN CHANGING	SC	RB-1	P-1	GYP	9'-4"			
104	MEN TLT	SC	RB-1	P-1	GYP	9'-4"			
ALTERNATE #1									
105	CONCESSIONS	SC	RB-1	P-1	GYP	9'-4"		PLAM-1	
106	STORAGE	SC	RB-1	P-1	GYP	10'-0"			
107	UTILITY	SC	RB-1	P-1	GYP	9'-4"			

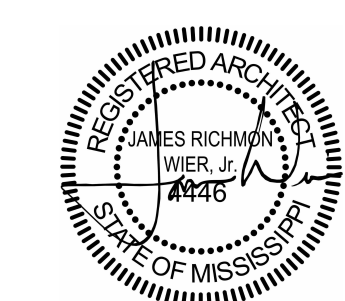
NOTE: SEE SHEET R210 FOR TOILET ACCESSORY MOUNTING HEIGHTS

- BCS BABY CHANGING STATION
- GBH GRAB BAR HORIZONTAL
- GBV GRAB BAR VERTICAL
- MIR MIRROR
- PTD PAPER TOWEL DISPENSER (OWNER PROVIDED, CONTRACTOR INSTALLED)
- SD SOAP DISPENSER (OWNER PROVIDED, CONTRACTOR INSTALLED)
- SND SANITARY NAPKIN DISPOSAL (OWNER PROVIDED, CONTRACTOR INSTALLED)
- TID TOILET PAPER DISPENSER (OWNER PROVIDED, CONTRACTOR INSTALLED)



MCS -
TENNIS
COMPLEX

MADISON COUNTY
SCHOOLS
929 Poore's Pass,
Madison, MS 39110



08.02.23

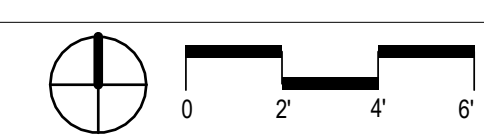
CONSTRUCTION
DOCUMENTS

WBA # 23-034

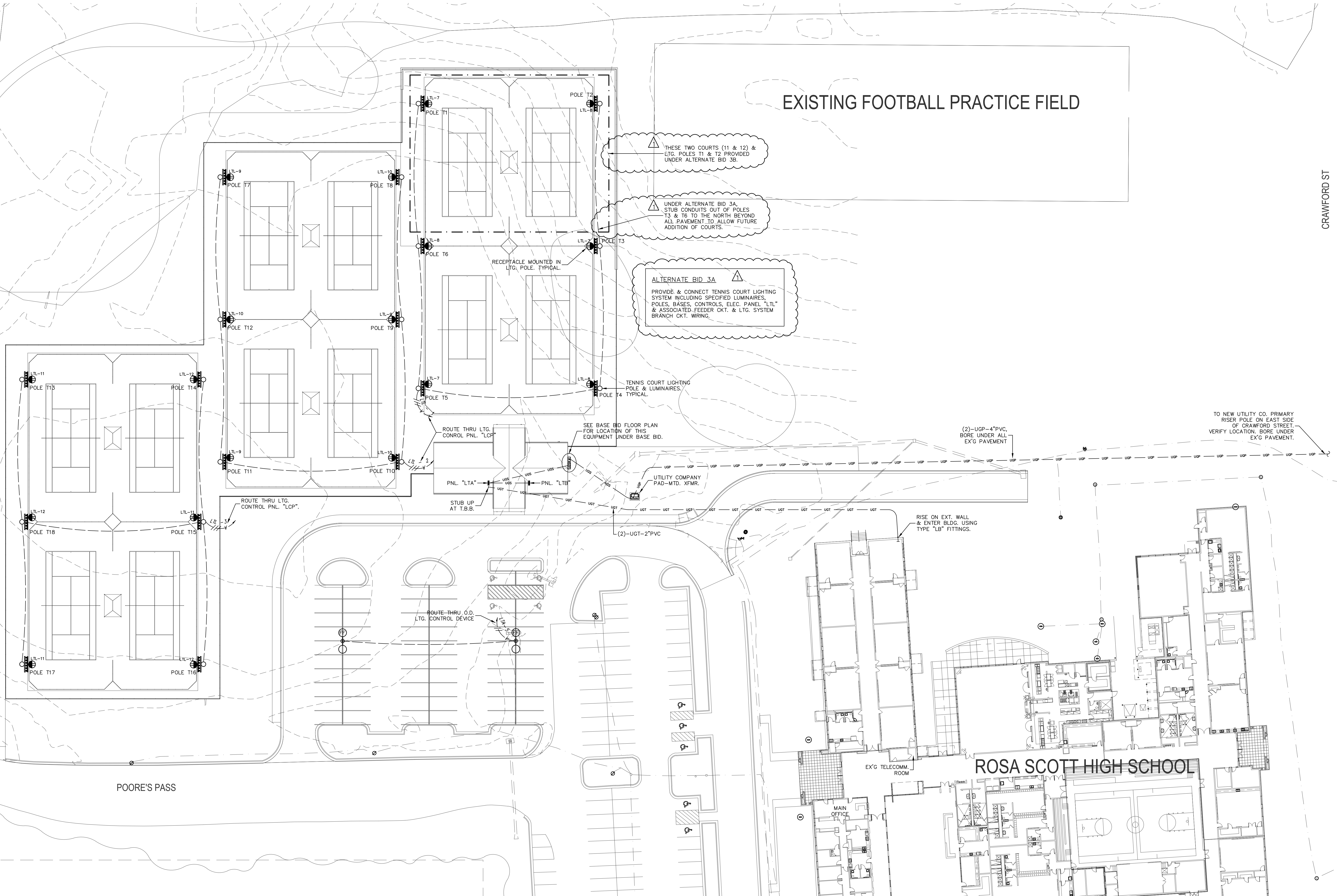
NO.	DESCRIPTION	DATE
1	ADDENDUM 04	08.25.23

A101
FIRST FLOOR PLAN
BASE BID

1 GROUND FLOOR PLAN - BASE BID
1/4" = 1'-0"



CRAWFORD ST



1 ELECTRICAL SITE PLAN
E101 SCALE: 1" = 30'-0"

JOHN M. WYNNIE
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
#11869
08/02/2023

08.02.23

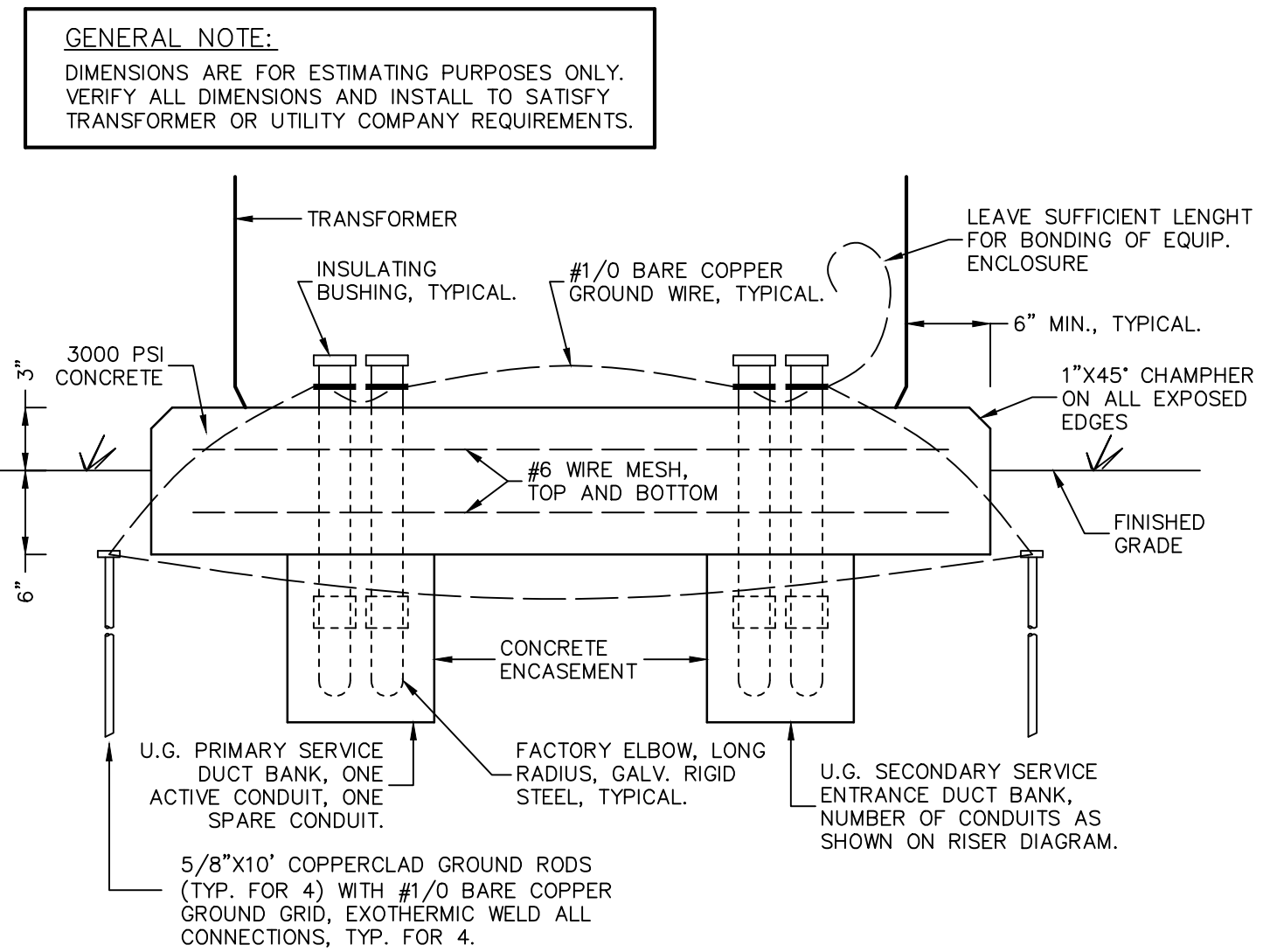
**CONSTRUCTION
DOCUMENTS**
WBA # 23-034

REVISIONS

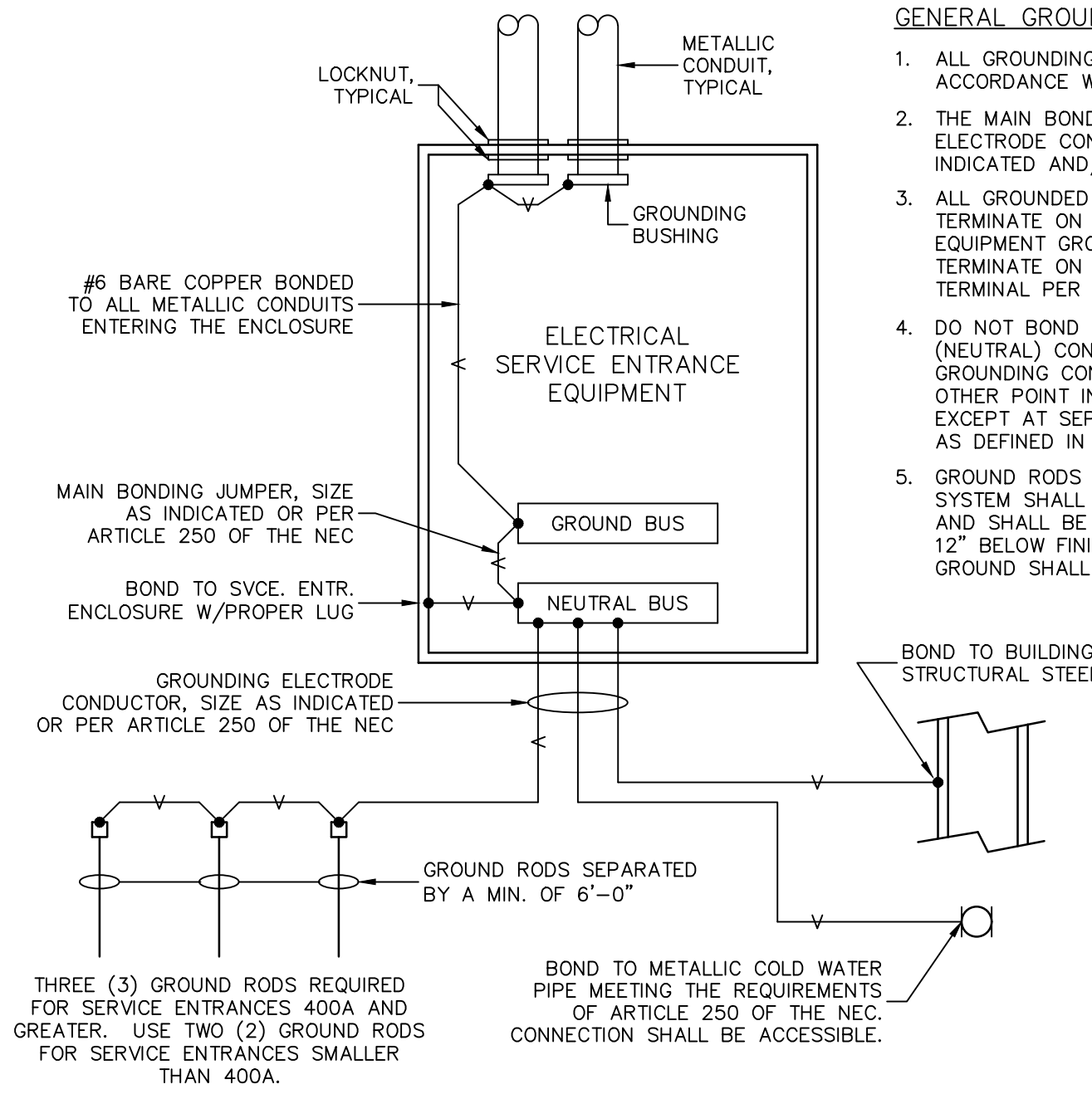
NO.	DESCRIPTION	DATE
1	ADDENDUM #4	08.25.23

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive Phone: 601-982-3313
Jackson, MS 39206 Fax: 601-982-7685
S/W JOBNO: 223065

E101
ELECTRICAL
SITE PLAN

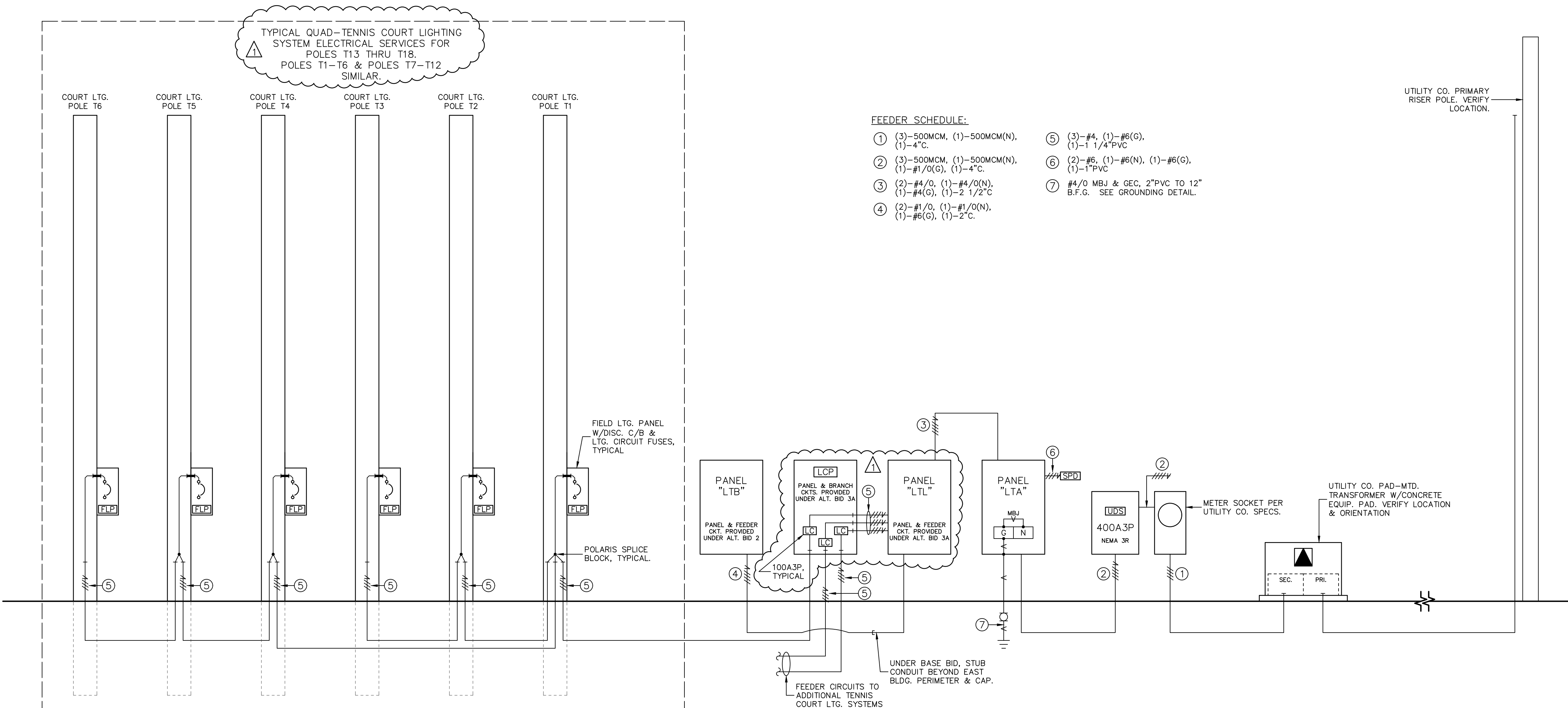


**PAD-MOUNTED TRANSFORMER
TYPICAL PAD DETAIL**
NO SCALE



**SERVICE ENTRANCE
GROUNDING/BONDING DETAIL**
NO SCALE

- GENERAL GROUNDING NOTES:**
1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 OF THE NEC.
 2. THE MAIN BONDING JUMPER & THE GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE SIZED AS INDICATED AND/OR PER NEC ARTICLE 250.
 3. ALL GROUNDED (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THE NEUTRAL BUS & ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE ON THE GROUND BUS. ONE LUG OR TERMINAL PER CONDUCTOR.
 4. DO NOT BOND OR CONNECT THE GROUNDED (NEUTRAL) CONDUCTOR & THE EQUIPMENT GROUNDING CONDUCTOR TOGETHER AT ANY OTHER POINT IN THE ELECTRICAL SYSTEM EXCEPT AT SEPARATELY DERIVED SYSTEMS AS DEFINED IN THE NEC.
 5. GROUND RODS USED FOR GROUNDING ELECTRODE SYSTEM SHALL BE COPPER CLAD, 3/4"X10' MIN. AND SHALL BE INSTALLED WITH TOP A MIN. OF 12" BELOW FINISHED GRADE. RESISTANCE TO GROUND SHALL NOT EXCEED 25 OHMS PER NEC.



- FEEDER SCHEDULE:**
- | | |
|--|---|
| ① (3)-500MCM, (1)-500MCM(N), (1)-4"C. | ⑤ (3)-#4, (1)-#6(G), (1)-1 1/4"PVC |
| ② (3)-500MCM, (1)-500MCM(N), (1)-#1/0(G), (1)-4"C. | ⑥ (2)-#6, (1)-#6(N), (1)-#6(G), (1)-1"PVC |
| ③ (2)-#4/0, (1)-#4/0(N), (1)-#4(G), (1)-2 1/2"C | ⑦ #4/0 MBJ & CEC, 2"PVC TO 12" B.F.G. SEE GROUNDING DETAIL. |
| ④ (2)-#1/0, (1)-#1/0(N), (1)-#6(G), (1)-2"C. | |

TYPICAL QUAD-TENNIS COURT LIGHTING SYSTEM ELECTRICAL SERVICES FOR POLES T13 THRU T18. POLES T1-T6 & POLES T7-T12 SIMILAR.

1
E301
**ELECTRICAL SERVICE & DISTRIBUTION SYSTEM
SCHEMATIC POWER RISER DIAGRAM**
NO SCALE

JOHN M. WYNNIE
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
#11869
08/02/2023

08.02.23

CONSTRUCTION DOCUMENTS
WBA # 23-034

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #4	08.25.23

PANEL "LTB"													
VOLTS: 208Y/120			PHASE: 3			MOUNTING: SURFACE			K.A.I.C.: 22				
MAIN: 150A			WIRE: 4			MAIN BREAKER: NONE			FED FROM: PANELBOARD "LTA"				
NEUTRAL: 100%			FED FROM: PANELBOARD "LTA"			MAIN BREAKER: NONE							
CKT. NO.	LOAD DESCRIPTION	PH. A	PH. B	PH. C	KVA	BREAKER	BREAKER	KVA	LOAD DESCRIPTION	NO.	CKT. NO.		
1	CONC./STOR. LIGHTING	0.50			20	1	A	2	20	1.61	MINI-SPLIT SYSTEM	19	
2	SPARE				20	1	B				ODU-02/IDU-02	20	
3	SPARE				20	1	C	2	20	1.61	1.61	MINI-SPLIT SYSTEM	20
4	JAN. FAN/RECEPT.	1.00			20	1	A	2	40	3.00		ODU-03/IDU-03	21
5	UTILITY RECEPT.	1.00	1.00		20	1	B	2	40	3.00		ELEC. WTR. HEATER	21
6	CONC. RECEPT.	1.00			20	1	C					WH-02	22
7	CONC. RECEPT.	1.00			20	1	A	2	20			SPARE	22
8	CONC. RECEPT.	1.50			20	1	B					SPACE	23
9	CONC. RECEPT.	1.00			20	1	C	1				SPACE	24
10	CONC. RECEPT.	1.50			20	1	A	1				SPACE	25
11	CONC. RECEPT.	1.50			20	1	B	1				SPACE	26
12	CONC. RECEPT.	1.00			20	1	C	1				SPACE	27
13	STORAGE RECEPT.	1.00			20	1	A	1				SPACE	28
14	STORAGE RECEPT.	1.50			20	1	B	1				SPACE	29
15	STORAGE RECEPT.	1.50			20	1	C	1				SPACE	30
16	BREEZE-WAY RECEPT.	1.00			20	1	A	1				SPACE	31
17	SPARE				20	1	B	1				SPACE	32
18	SPARE				20	1	C	1				SPACE	32

REMARKS:

PANEL "LTB"			
TOTAL CONNECTED LOAD - KVA:	TOTAL DEMAND - KVA:	17.7	
PHASE A:	TOTAL DEMAND - AMPS:	48.2	
PHASE B:	SPARE CAPACITY - %:	25%	
PHASE C:	TOTAL LOAD - KVA:	22.1	
TOTAL CONNECTED LOAD:	TOTAL LOAD - AMPS:	61.5	

PANEL "LTA"													
VOLTS: 208Y/120			PHASE: 3			MOUNTING: SURFACE			K.A.I.C.: 22				
MAIN: 400A			WIRE: 4			MAIN BREAKER: 400A3P			FED FROM: ELECTRICAL SERVICE ENTRANCE				
NEUTRAL: 100%			FED FROM: ELECTRICAL SERVICE ENTRANCE			MAIN BREAKER: 400A3P							
CKT. NO.	LOAD DESCRIPTION	PH. A	PH. B	PH. C	KVA	BREAKER	BREAKER	KVA	LOAD DESCRIPTION	NO.	CKT. NO.		
1	TLT./DR LIGHTING	1.00			20	1	A	2	30	2.14		COND. UNIT ODU-01	19
2	EXT. BLDG. LTG.	0.50			20	1	B						20
3	SIGN ACCENT LTG.	0.50			20	1	C	2	15	0.35		BLOWER UNITS	20
4	BREEZE WAY LTG.	0.50			20	1	A	2	40	3.00		IDU-1-01-04	21
5	PKG. LOT LTG.	0.50			20	1	B	2	40	3.00		ELEC. WTR. HEATER	21
6	SPARE				20	1	C					WH-01	22
7	T.B.B. RECEPT.	1.00			20	1	A	2	15			SPARE	22
8	JAN./MISC. RECEPT.	1.00			20	1	B					SPACE	23
9	DRESSING RM. RECEPT.	1.00			20	1	C	2	30			SPACE	23
10	M. TLT. FAN/RECEPT.	1.00			20	1	A	1				SPACE	24
11	DRESSING RM. RECEPT.	1.00			20	1	B	2	40			SPACE	24
12	W. TLT. FAN/RECEPT.	1.00			20	1	C					SPACE	25
13	O.D. RECEPT.	1.00			20	1	A	1				SPACE	26
14	SPARE				20	1	B	1				SPACE	27
15	SPARE				20	1	C	1				SPACE	27
16	SPARE				20	1	A	1				SPACE	28
17	SPARE				20	1	B	1				SPACE	29
18	SPARE				20	1	C	1				SPACE	30
SF1	PANELBOARD "LTA"	6.00			150	3	A	3	225	18.00		PANELBOARD "LTL" SF2	
		6.00					B			18.00			
		6.00					C			18.00			

REMARKS:

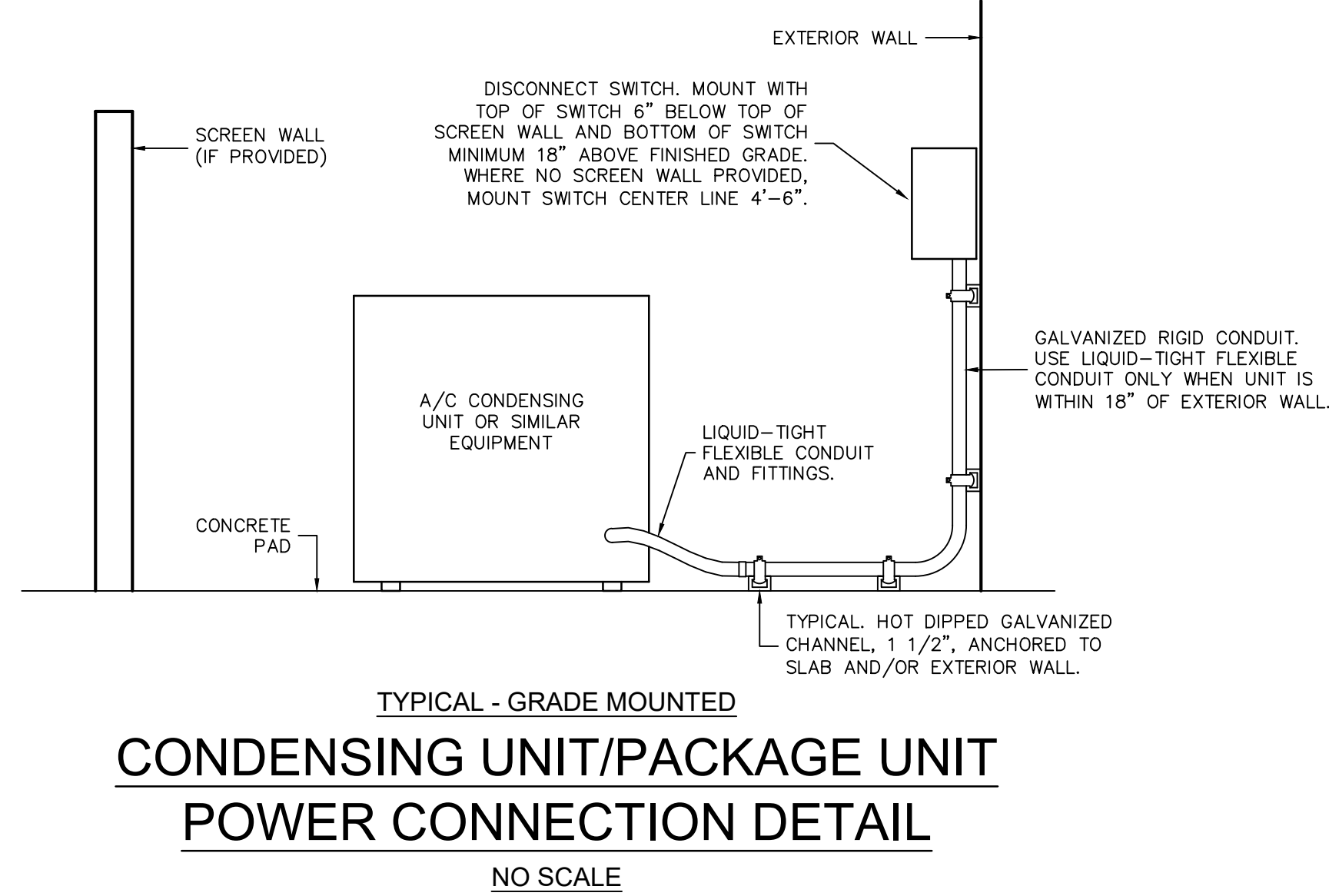
PANEL "LTA"			
TOTAL CONNECTED LOAD - KVA:	TOTAL DEMAND - KVA:	101.2	
PHASE A:	TOTAL DEMAND - AMPS:	281.2	
PHASE B:	SPARE CAPACITY - %:	10%	
PHASE C:	TOTAL LOAD - KVA:	111.3	
TOTAL CONNECTED LOAD:	TOTAL LOAD - AMPS:	309.3	

PANEL "LTL"													
VOLTS: 208Y/120			PHASE: 3			MOUNTING: SURFACE			K.A.I.C.: 22				
MAIN: 225A			WIRE: 4			MAIN BREAKER: NONE			FED FROM: PANELBOARD "LTA"				
NEUTRAL: 100%			FED FROM: PANELBOARD "LTA"			MAIN BREAKER: NONE							
CKT. NO.	LOAD DESCRIPTION	PH. A	PH. B	PH. C	KVA	BREAKER	BREAKER	KVA	LOAD DESCRIPTION	NO.	CKT. NO.		
1	TENNIS COURT LTG.	6.50			80	3	A	1	20	1.00		TENNIS COURT RECEPT.	7
		6.50					B	1	20	1.00		TENNIS COURT RECEPT.	8
			6.50				C	1	20	1.00		TENNIS COURT RECEPT.	9
2	TENNIS COURT LTG.	6.50			80	3	A	1	20	1.00		TENNIS COURT RECEPT.	10
		6.50					B	1	20	1.00		TENNIS COURT RECEPT.	11
			6.50				C	1	20	1.00		TENNIS COURT RECEPT.	12
3	TENNIS COURT LTG.	6.50			80	3	A	1	20	1.00		LCP CONTROL PWIR	13
		6.50					B	1	20			SPARE	14
4	SPARE				80	3	A	3				SPARE	15
							B					SPACE	12
							C					SPACE	13
5	SPACE						A	3				SPACE	13
							B					SPACE	14
							C					SPACE	14

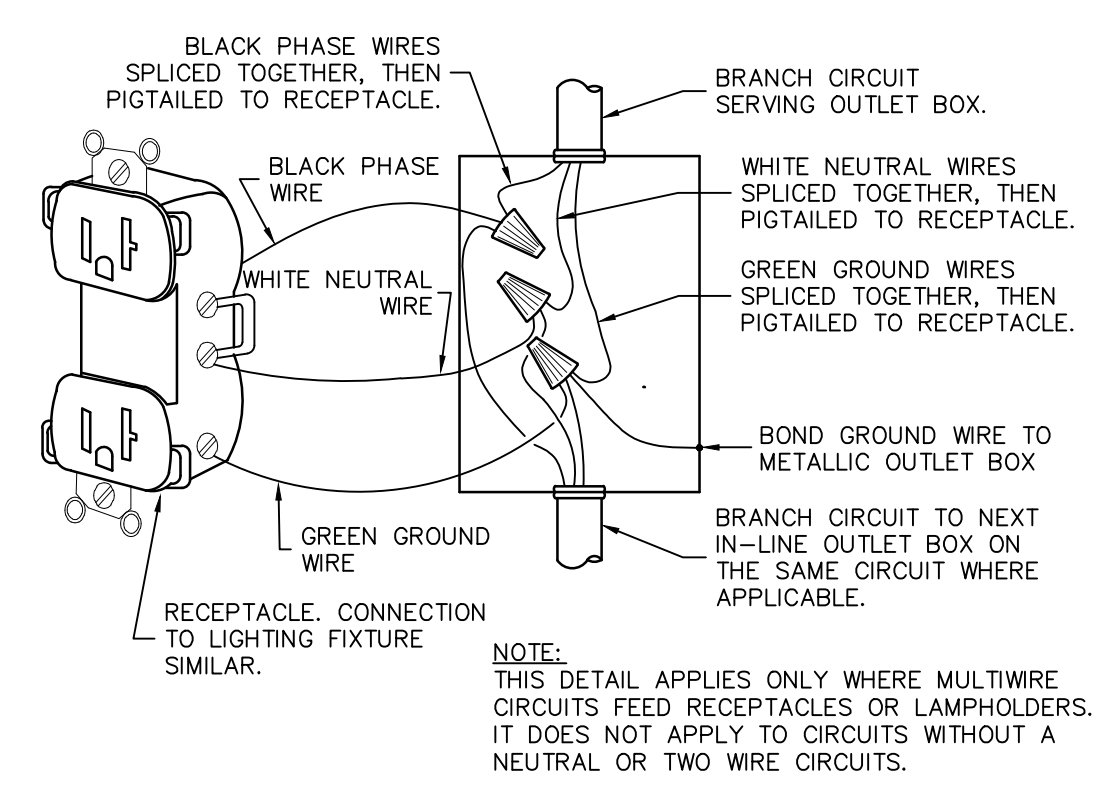
REMARKS: PANELBOARD & FEEDER CKT. PROVIDED UNDER ALTERNATE BID 3a.

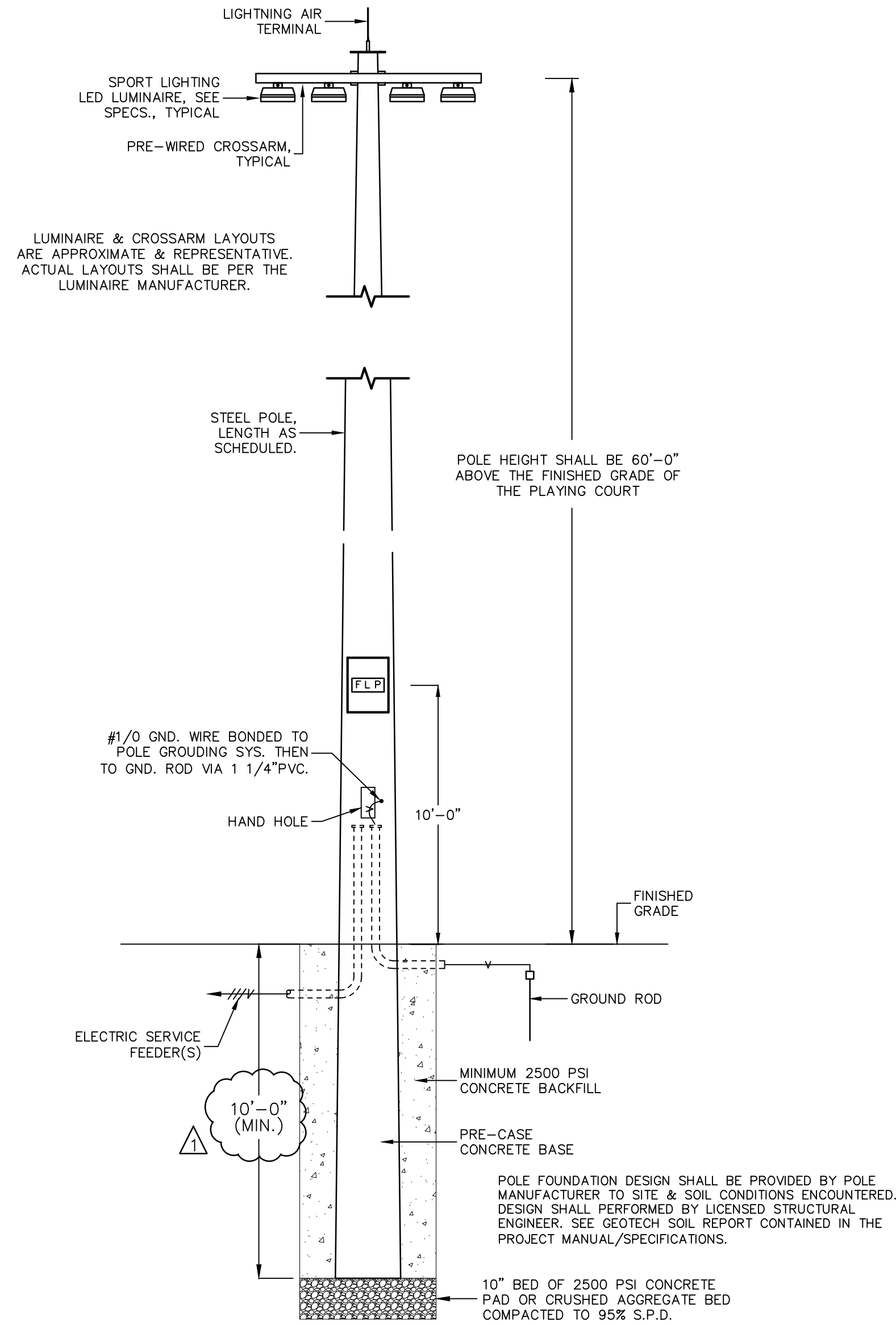
PANEL "LTL"			
TOTAL CONNECTED LOAD - KVA:	TOTAL DEMAND - KVA:	62.0	
PHASE A:	TOTAL DEMAND - AMPS:	172.3	
PHASE B:	SPARE CAPACITY - %:	15%	
PHASE C:	TOTAL LOAD - KVA:	71.3	
TOTAL CONNECTED LOAD:	TOTAL LOAD - AMPS:	198.1	

EQUIPMENT ELECTRICAL SERVICE SCHEDULE												
MARK NO.	EQUIPMENT DESCRIPTION	VOLTS/ PHASE	FLA (A)	MCA	MOCP	RATING		CIRCUIT (PNL. - NO.)	BRANCH CIRCUIT		DISC. SW./ FUSE	NOTES
						SIZE	UNITS		CONDUCTORS	CONDUIT(S)		
ODU-01	H.P. CONDENSING UNIT	208/1	21.6	36.0	40.0	5.0	TON	LTA-19	(2)#8, (1)#10(G)	(1)-3/4"	60A2P	
IDU-1-01	INDOOR BLOWER UNIT	208/1	0.7	1.0	15.0			LTA-20	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
IDU-1-02	INDOOR BLOWER UNIT	208/1	0.7	1.0	15.0			LTA-20	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
IDU-1-03	INDOOR BLOWER UNIT	208/1	0.7	1.0	15.0			LTA-20	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
IDU-1-04	INDOOR BLOWER UNIT	208/1	0.7	1.0	15.0			LTA-20	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
ODU-02	H.P. CONDENSING UNIT	208/1	14.7	19.0	20.0	3.0	TON	LTA-19	(2)#10, (1)#10(G)	(1)-3/4"	30A2P	
IDU-2-01	INDOOR BLOWER UNIT	208/1						ODU-02	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
ODU-03	H.P. CONDENSING UNIT	208/1	14.7	19.0	20.0	3.0	TON	LTA-21	(2)#10, (1)#10(G)	(1)-3/4"	30A2P	
IDU-3-01	INDOOR BLOWER UNIT	208/1						ODU-03	(2)#12, (1)#12(G)	(1)-3/4"	20A2P	
WH-01	ELEC. WATER HEATER	208/1	28.8	36.1	40.0	6.0	KW	LTA-21	(2)#8, (1)#10(G)	(1)-3/4"	60A2P	
WH-02	ELEC. WATER HEATER	208/1	28.8	36.1	40.0	6.0	KW	LTA-21	(2)#8, (1)#10(G)	(1)-3/4"	60A2P	



CIRCUITRY NOTE:
BRANCH CIRCUIT HOMERUNS ARE SHOWN TO IDENTIFY CIRCUITRY. CONDUITS AND/OR NUMBER OF CONDUCTORS ARE SHOWN FOR HOMERUNS AND SPECIAL CIRCUITRY ONLY. CONDUITS ARE SHOWN FOR LIGHTING CIRCUITS TO INDICATE SWITCHING. NORMAL BRANCH CIRCUIT CONDUCTORS TO BE DETERMINED AS FOLLOWS:
ONE CONDUCTOR FOR EACH PHASE.
ONE CONDUCTOR FOR EACH NEUTRAL.
ONE CONDUCTOR FOR EACH SWITCH/LEG.
ONE CONDUCTOR FOR EACH GROUND.
ONE CONDUCTOR FOR EACH BATTERY CHARGER ON APPLICABLE FIXTURES.
TWO CONDUCTORS FOR THREE- AND FOUR-WAY SWITCHING
ALL BRANCH CIRCUITS SHALL CONTAIN GROUND WIRE.
ALL BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTOR.
ALL CONDUITS SHALL BE ROUTED CONCEALED UNLESS SPECIFICALLY NOTED AND/OR SHOWN BY SYMBOLS ON THE DRAWINGS OTHERWISE.
BRANCH CIRCUIT(S) FOR EACH FIXTURE/DEVICE SHALL BE DETERMINED FROM CIRCUIT NUMBER AND PANEL DESIGNATION SHOWN AT EACH SYMBOL.





1
E401 NOT TO SCALE
**TYPICAL COURT LIGHTING POLE
GENERAL LAYOUT & MOUNTING DETAIL**

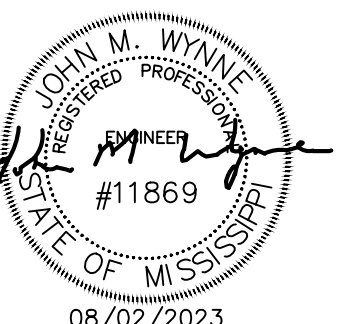
MCS - TENNIS COMPLEX LIGHTING POLES
ALTERNATE 3A

POLE ID	POLE HEIGHT	LUMINAIRE MTG. HGT.	LUMINAIRE QTY.	LUMINAIRE TYPE (MUSCO)	ELEC. LOAD (KW)	CIRCUIT
T1				POLE NOT USED		
T2				POLE NOT USED		
T3	60'	60'	2	TLC-LED-550	1.08	A
		60'	1	TLC-LED-900	0.88	A
T4	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T5	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T6	60'	60'	2	TLC-LED-550	1.08	A
		60'	1	TLC-LED-900	0.88	A
T7	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T8	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T9	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A
T10	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T11	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T12	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A
T13	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T14	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T15	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A
T16	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T17	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T18	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A

MCS - TENNIS COMPLEX LIGHTING POLES
ALTERNATE 3B (COURTS 11 & 12 ADDITION)

POLE ID	POLE HEIGHT	LUMINAIRE MTG. HGT.	LUMINAIRE QTY.	LUMINAIRE TYPE (MUSCO)	ELEC. LOAD (KW)	CIRCUIT
T1**	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T2**	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T3***	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A
T4****	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T5****	60'	60'	1	TLC-LED-550	0.54	A
		60'	2	TLC-LED-900	1.76	A
T6***	60'	60'	4	TLC-LED-550	2.16	A
		60'	2	TLC-LED-900	1.76	A

** - POLE & INDICATED LUMINAIRES ADDED UNDER ALTERNATE 3B.
 *** - ADDITIONAL LUMINAIRES ADDED TO POLE UNDER ALTERNATE 3B.
 **** - POLE & LUMINAIRES PROVIDED UNDER ALTERNATE 3A & REMAIN THE SAME.



08.02.23

**CONSTRUCTION
DOCUMENTS**
WBA # 23-034

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #4	08.25.23

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive Phone: 601-982-3313
Jackson, MS 39206 Fax: 601-982-7685
S/W JOB NO: 223065

E401
COURT LIGHTING
DETAILS