

WCHS Phase 2: Change Order #02 Summary

Summary: On bid day, the site utilities and concession/restroom building were removed from the scope due to extremely high cost. This proposal request reintroduces site utilities to the concession/restroom area for a future building.

- This is an estimated savings of \$65,000.00 VS. quotes received on bid day.

1.) PR #02- Utility Rough-In for Restroom Building

P2-03-03-01: Graybar Electric Company

- Total Cost Add: \$17,724.00

02-02: Rising Sun Developing

- Total Cost Add: \$243,173.73

CO#02 TOTAL COST ADD = \$260,897.73

DATE:	09/29/2023	PR #:	PR 002R
TO:	Clay Ratliff – Trace Creek Construction	RE:	Woodford County Board of Education Versailles, Kentucky BG 19-353 RTA 1916 Phase 2

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described therein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Please provide labor and material pricing breakdown for review.

DESCRIPTION:

1. Refer to the revised site utility drawings UM2.1 and UM2.2:
 - a) Sanitary sewer line and manhole Invert elevations were revised.
2. Refer to the revised site utility drawings UM3.0:
 - a) Revised Sanitary Sewer Profile to show Invert elevations changes.
3. Refer to the revised site utility sheet UE2.1.
4. Revise electrical equipment per sheet E2.0.

Attachments:

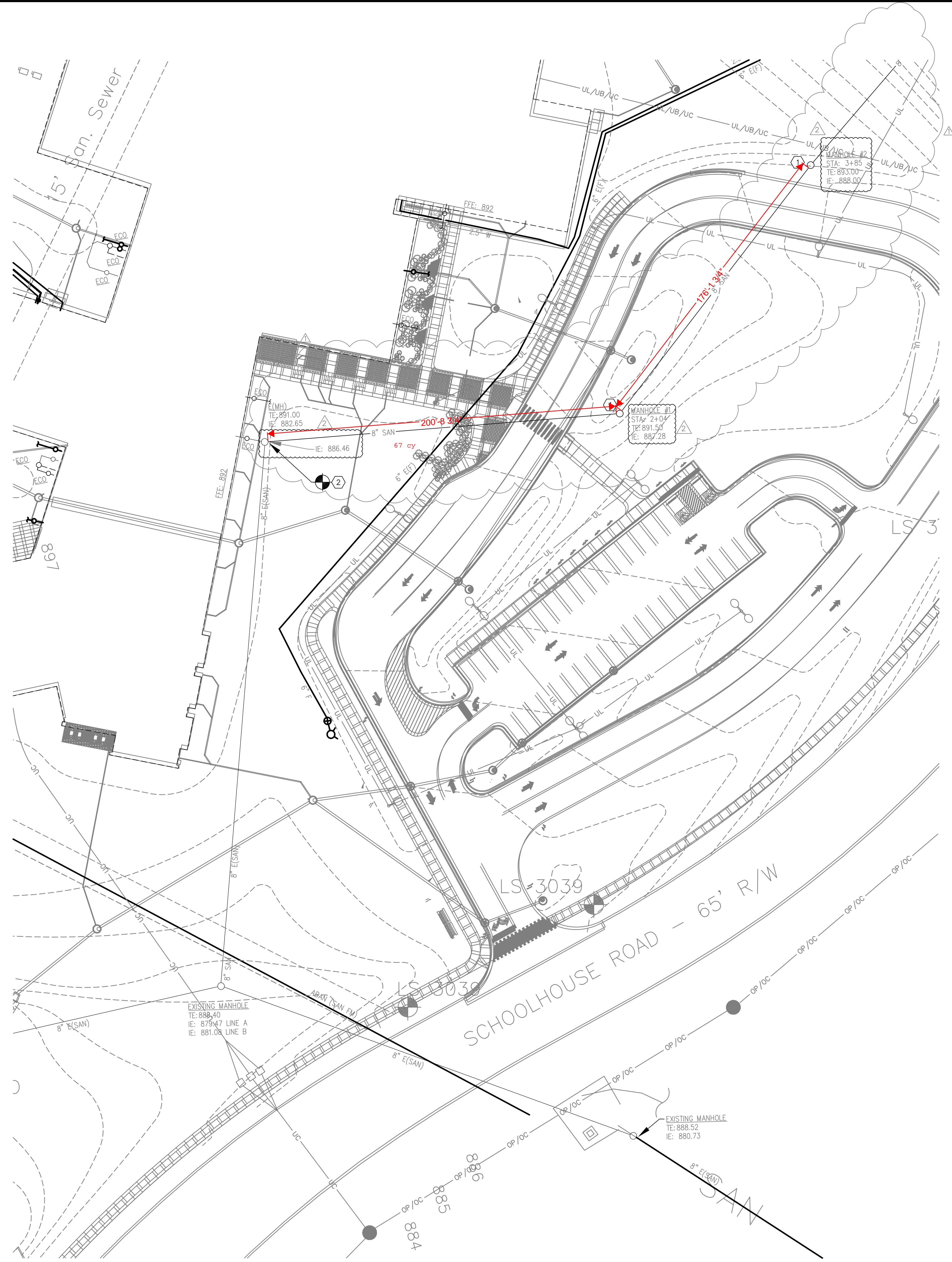
UM2.1, UM2.2, UM3.0, UE2.1, E2.0

Prepared By:

Chandler Sergent, AIA Associate

/cs

c: Sarah Lamere, Michael Hughes – RTA
Clay Ratliff -Trace Creek
Shane Smith – Woodford County Schools
File 1916-4B
PR 002R



- TAGGED NOTES
1. NEW MANHOLE. REFER TO DETAIL ON SHEET P3.0 AND SEWER PROFILE ON SHEET UM3.0.
 2. CONNECT TO EXISTING MANHOLE. REFER TO DETAIL.
 3. FIRE HYDRANT. REFER TO DETAIL.
 4. CAP SANITARY PIPING AT POINT INDICATED FOR EXTENSION TO FUTURE BUILDING. PROVIDE INVERT AS NOTED ON PLAN.
 5. VALVE AND CAP 4" WATER SUPPLY FOR EXTENSION TO FUTURE RESTROOM BUILDING.
 6. FUTURE BUILDING (NOT IN CONTRACT)
 7. PROVIDE A SPORTSFIELD SPECIALTIES, INC., MODEL NO. T01THRSR, TURF COOL WATER HOSE REEL ENCLOSURE BOX. INSTALL UNIT PER MANUFACTURER.

MECHANICAL SITE UTILITY PLAN - ZONE 1



MECHANICAL SITE UTILITY PLAN - ZONE 1
 WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK
 FOR:
 WOODFORD COUNTY BOARD OF EDUCATION
 330 Pisgah Pike, Versailles, Kentucky 40383

M.E.&P. Engineer:
 CMTA, Inc.
 2429 Members Way
 Lexington, KY 40504
 p 859.253.0892

Structural Engineer:
 Structural Design Group, Inc.
 220 Great Circle Rd., Suite 104
 Nashville, TN 37228
 p 615.255.5537

BG# 23-120

Project No: 1916/XWCH19-01
 Drawn By: JAC
 Rev'd By: MCW

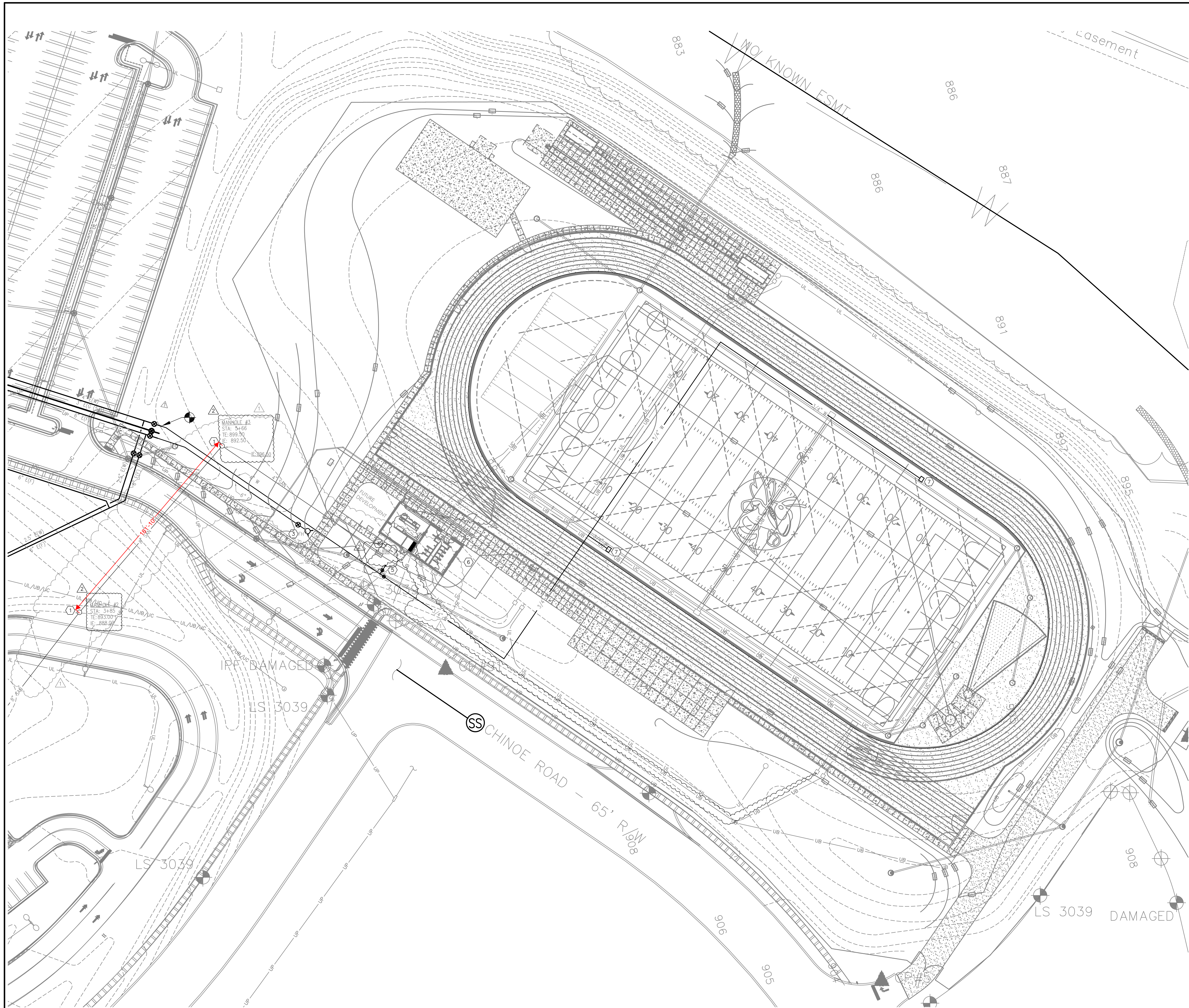
SHEET RELEASE

1	05.12.23	PR-02
2	09.29.23	PR-02R
3		
4		
5		
6		
7		
8		

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 CONSTRUCTION DOCUMENT

UM2.1

DATE ISSUED:
 10/27/2022



- TAGGED NOTES
1. NEW MANHOLE. REFER TO DETAIL ON SHEET P3.0 AND SEWER PROFILE ON SHEET UM3.0.
 2. CONNECT TO EXISTING MANHOLE. REFER TO DETAIL.
 3. FIRE HYDRANT. REFER TO DETAIL.
 4. CAP SANITARY PIPING AT POINT INDICATED FOR EXTENSION TO FUTURE BUILDING. PROVIDE INVERT AS NOTED ON PLAN.
 5. VALVE AND CAP 4" WATER SUPPLY FOR EXTENSION TO FUTURE RESTROOM BUILDING.
 6. FUTURE BUILDING (NOT IN CONTRACT)
 7. PROVIDE A SPORTSFIELD SPECIALTIES, INC., MODEL NO. TC1THRSR, TURF COOL WATER HOSE REEL ENCLOSURE BOX. INSTALL UNIT PER MANUFACTURER.



MECHANICAL SITE UTILITY PLAN - ZONE 2
 WOODFORD COUNTY HIGH SCHOOL PHASE 2 PRACTICE FIELD & TRACK
 FOR:
 WOODFORD COUNTY BOARD OF EDUCATION
 330 Pisgah Pike, Versailles, Kentucky 40383

M.E.&P. Engineer:
 CMTA, Inc.
 2429 Members Way
 Lexington, KY 40504
 p 859.253.0892

Structural Engineer:
 Structural Design Group, Inc.
 220 Great Circle Rd., Suite 104
 Nashville, TN 37228
 p 615.255.5537

BG# 23-120
 Project No: 1916/XWCH19-0
 Drawn By: JAC
 Rev'd By: MCW

SHEET RELEASE

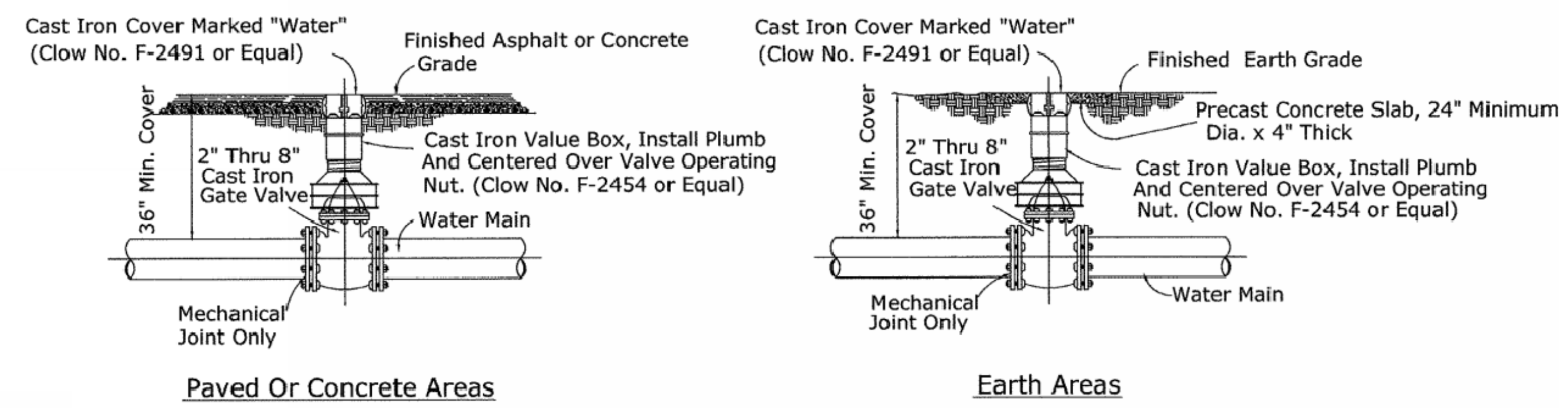
1	05.12.23	PR-02
2	09.29.23	PR-02R
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 CONSTRUCTION DOCUMENT

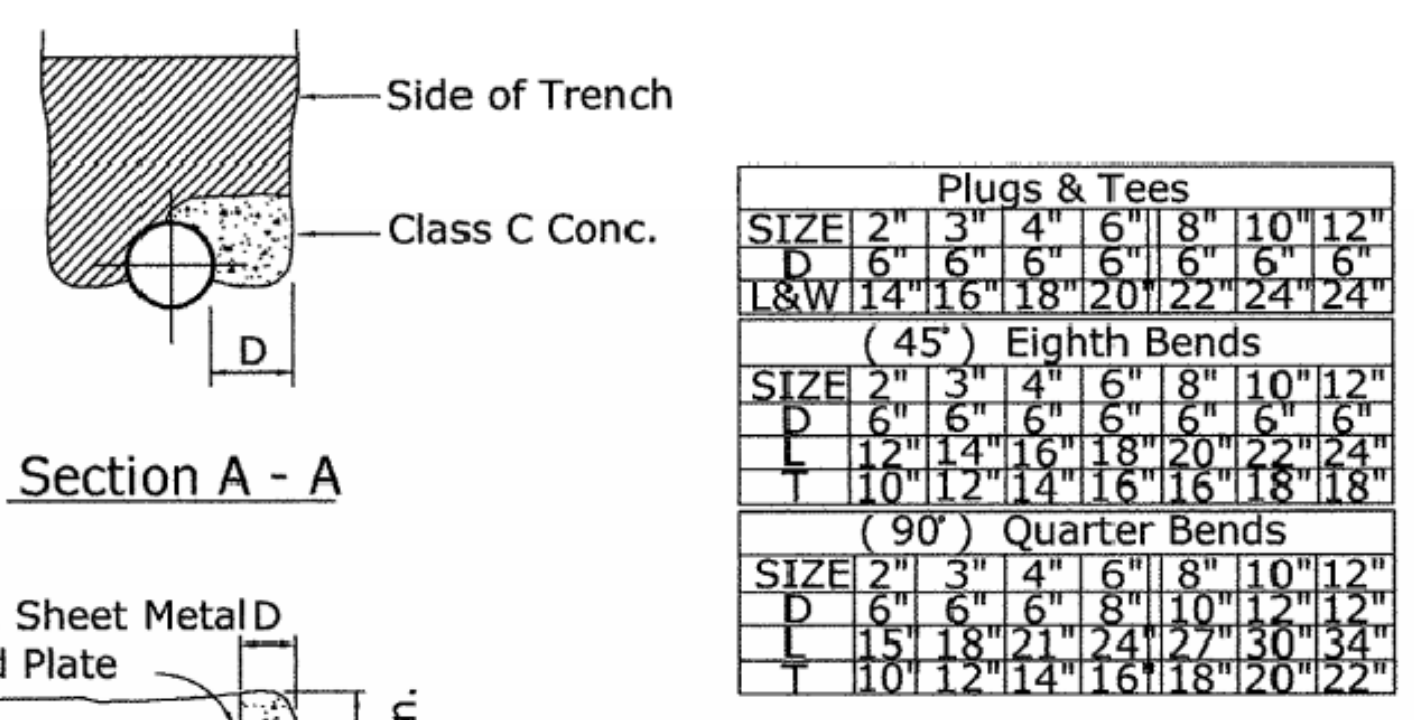
UM2.2

DATE ISSUED:
 10/27/2022

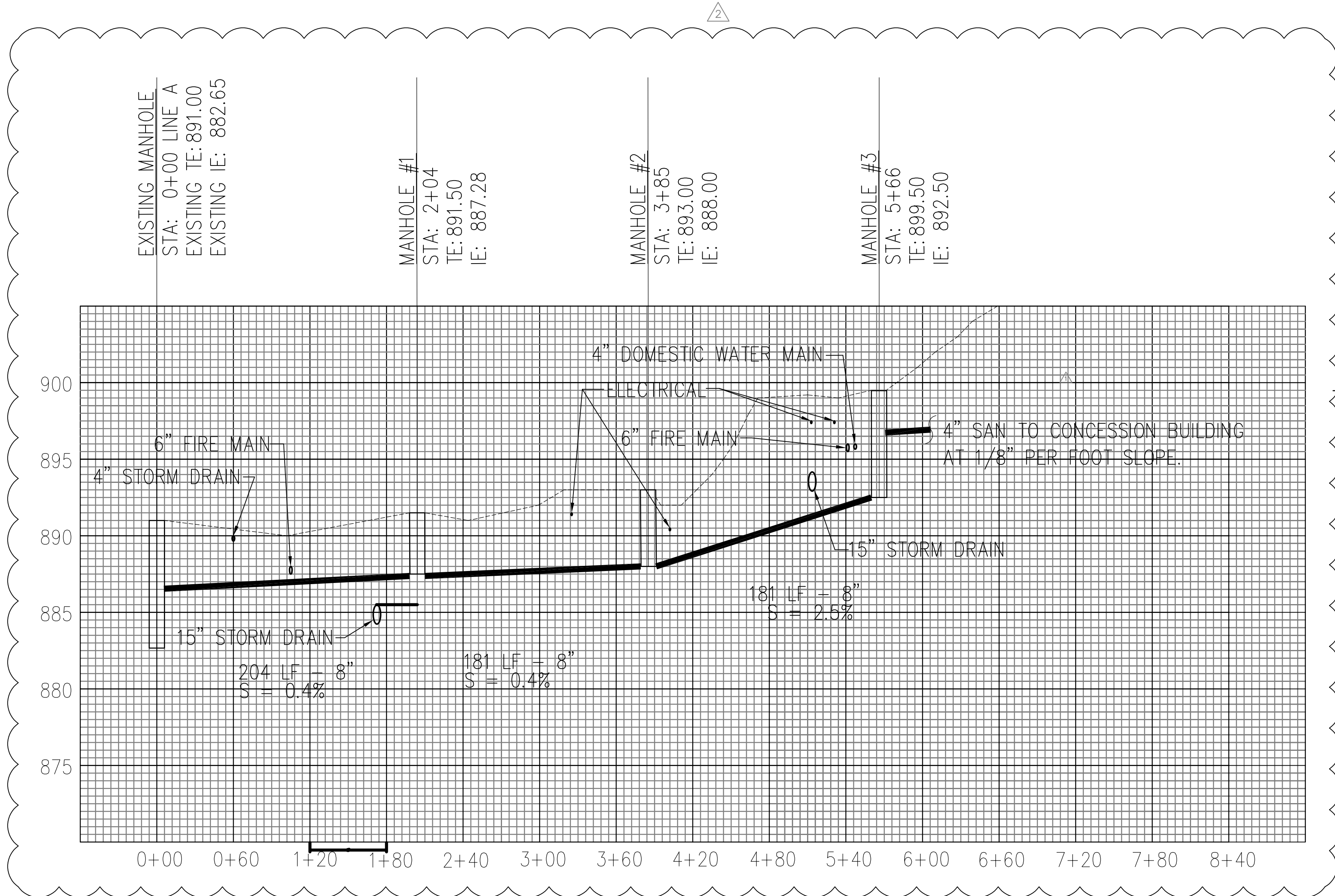
MECHANICAL SITE UTILITY PLAN - ZONE 2
 SCALE: 1" = 30'



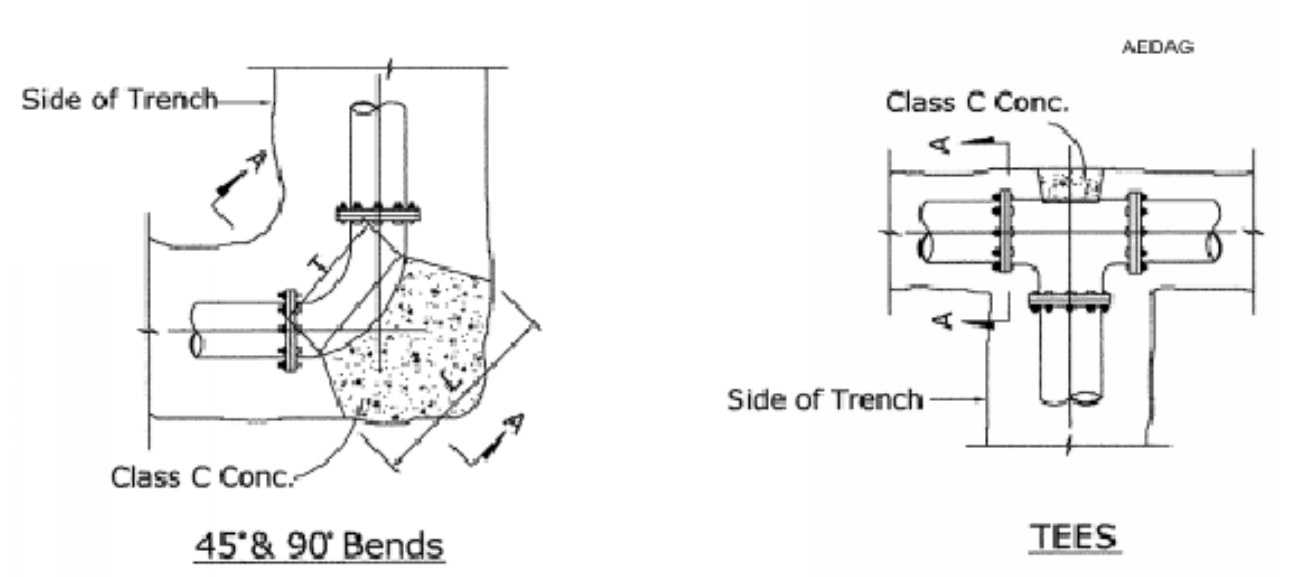
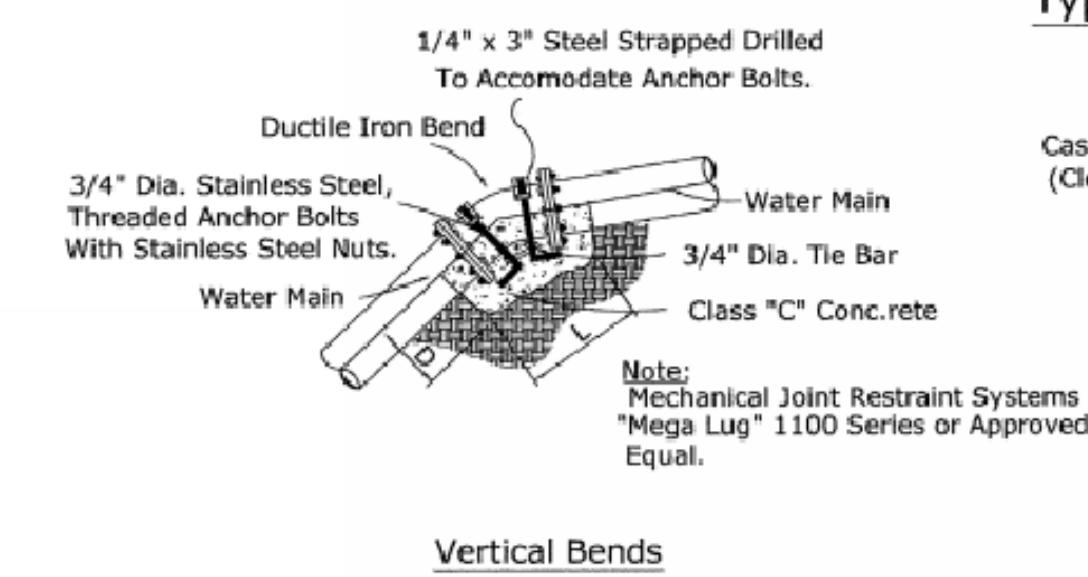
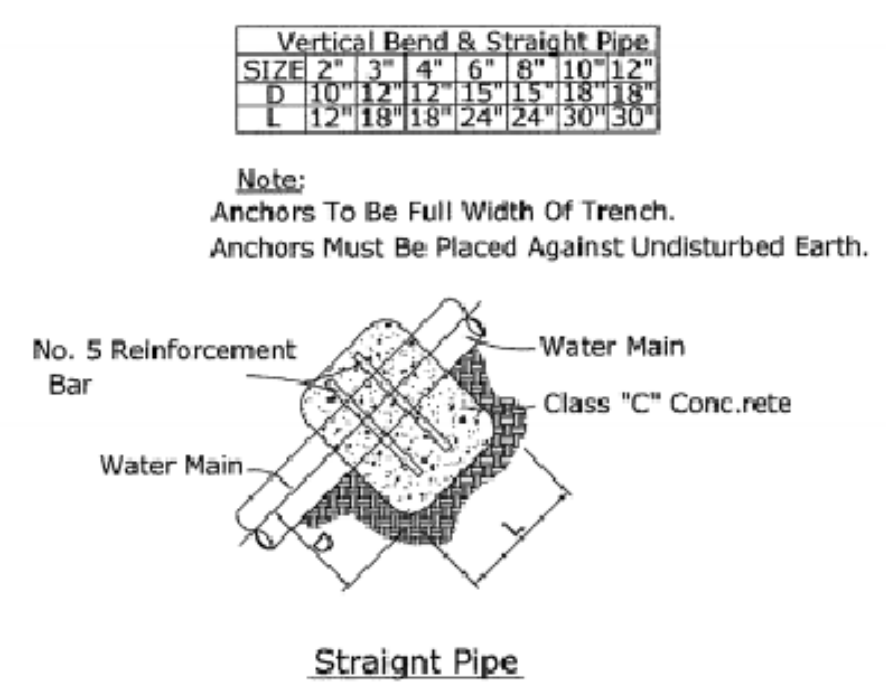
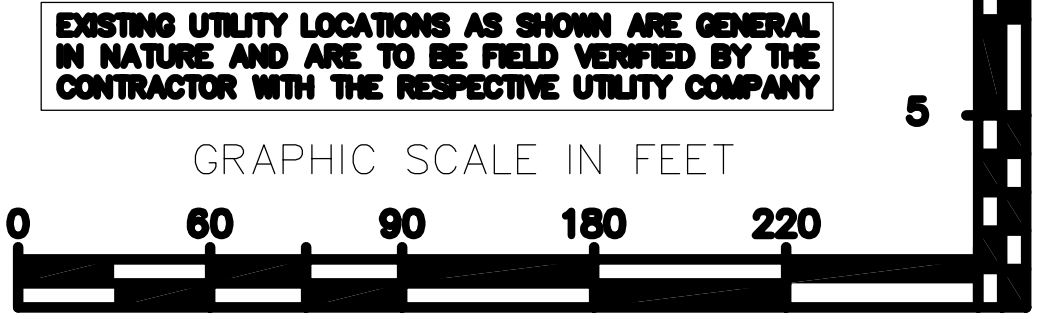
TYPICAL GATE VALVE SETTING DETAIL
 NOT TO SCALE



CONCRETE THRUST BLOCKS DETAIL
 NOT TO SCALE



SANITARY SEWER PROFILE



TYPICAL CONCRETE ANCHOR BLOCKS DETAIL
 NOT TO SCALE

#	DATE	DESCRIPTION
2	08/04/2023	PR-02

TYPE	DESCRIPTION	BASIS OF DESIGN	EQUALS	LAMPS / O.C.T.	DRIVER	MINIMUM LUMENS	MOUNTING SURFACE	MAXIMUM WATTAGE	VOLTAGE	REMARKS
B1	2x4 SURFACE MOUNT LED, COLD-ROLLED STEEL HOUSING, SMOOTH HEMMED SIDES AND INWARD FORMED END FLANGES, STANDARD PATTERN #193 LENS, 0.75" THICK BRUSHED LENS, POLYESTER POWDER COAT FINISH.	LITHONIA 2TLX4	METALLUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4800	SURFACE	40	MOVOLT	
A1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA 2TLX4	METALLUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4800	SURFACE	40	MOVOLT	
B1	1x4 SURFACE MOUNT LED, COLD-ROLLED STEEL HOUSING, SMOOTH HEMMED SIDES AND INWARD FORMED END FLANGES, STANDARD PATTERN #193 LENS, 0.75" THICK BRUSHED LENS, POLYESTER POWDER COAT FINISH.	LITHONIA 1TLX4	METALLUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4000	SURFACE	39	MOVOLT	
B1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA 1TLX4	METALLUX EQUAL, COLUMBIA EQUAL	4000K/80CRI	0-10V DIM	4000	SURFACE	39	MOVOLT	
E1	1" SHALLOW, SURFACE MOUNT DOWNLIGHT, NON-CONDUCTIVE MATERIAL WITH MATTE, DIFFUSE LENS.	JUNO BLINFORM JSE7	HALO EQUAL, LIGHTOLIER EQUAL	4000K/80CRI	0-10V DIM	1000	SURFACE	13	MOVOLT	
D1	4" LOW PROFILE LED STRIP FIXTURE, COLD-ROLLED STEEL HOUSING WITH DIFFUSE SNAP-ON LENS.	LITHONIA 2L1W	METALLUX EQUAL, WILLIAMS EQUAL	4000K/80CRI	0-10V DIM	6000	SURFACE	34	MOVOLT	
D1E	SAME AS PARENT TYPE WITH INTEGRAL 1400 LUMEN EMERGENCY BATTERY.	LITHONIA 2L1W	METALLUX EQUAL, WILLIAMS EQUAL	4000K/80CRI	0-10V DIM	6000	SURFACE	34	MOVOLT	
E1	ARCHITECTURAL EGRESS LIGHT, WET LOCATION RATED WITH INTEGRAL COLD WEATHER BATTERY.	LITHONIA AFF	EVENLITE, DUALITE EQUAL	4000K/80CRI		3000	WALL	25	MOVOLT	MOUNT AT 7'-0" A.F.F.
GF1	EXTERIOR WALL MOUNT FIXTURE WITH TWO-PIECE DIE-CAST ALUMINUM HOUSING, POWDER COAT FINISH FOR CORROSION AND WEATHER RESISTANCE, TYPE 3 MEDIUM DISTRIBUTION, WET LOCATION RATED.	LITHONIA DSX1	MCGRAW, EDISON EQUAL, GARCOO EQUAL	4000K/80CRI	0-10V DIM	5500	WALL	46	MOVOLT	MOUNT AT 8'-0" A.F.F.
GF2	RECESSED 6" WALL WASHED DOWNLIGHT, GALVANNEED STEEL CONSTRUCTION WITH MATTE, DIFFUSE LENS, WET LOCATION RATED.	LITHONIA LDR6	HALO EQUAL, LIGHTOLIER EQUAL	4000K/80CRI	0-10V DIM	750	CANOPY	9	MOVOLT	
X1	DIE-CAST ALUMINUM SINGLE SIDED EXIT SIGN.	LITHONIA LGC	EVENLITE, DUALITE EQUAL				UNIVERSAL	2	MOVOLT	

EQUIP ID	DESCRIPTION	DISCONNECT MEANS	VOLTAGE	POLES	HP	POWER (KVA)	MCA	FURNISHED BY	INSTALLED BY
EH-1F	EXHAUST FAN	NEMA 1	208	2	0.15	0.40	2.5	EC	EC
EF-2	EXHAUST FAN	NEMA 1	208	2	0.08	0.40	2.5	EC	EC
EH-1	ELECTRIC HEATER	NEMA 1	208	2		0.75	4.5	EC	EC
EH-2	ELECTRIC HEATER	NEMA 1	208	2		1.50	9	EC	EC
EH-3	ELECTRIC HEATER	NEMA 1	208	2		3.00	18	EC	EC
HD-1	HAND DRYER	120V SNAP SWITCH	120	1	1/4	2.50	15	EC	EC
RR-1	HOY WATER RECIRCULATING PUMP	120V SNAP SWITCH	120	1		0.10	0.8	EC	EC
TP-1	TRAP PRIMER	120V SNAP SWITCH	120	1		0.05	0.5	EC	EC
WH-1	WATER HEATER	NEMA 1	208	3		8.00	47.8	EC	EC

TYPE	MODEL
CJ7	XNV-8080
CW	PNM-9080R02

SCHEDULES FOR FUTURE EQUIPMENT.

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	P1 ATHLETIC LIGHTING POLE	344, 144, 146	30	3	1	8.7	8.7		2	3	50	344, 144, 146	P1 ATHLETIC LIGHTING POLE	
	P2 ATHLETIC LIGHTING POLE	346, 146, 140	30	3	9	9.3	9.3		10	3	50	346, 146, 140	P2 ATHLETIC LIGHTING POLE	
	SPURGE PROTECTION DEVICE (REQUIREMENTS PER SPECIFICATIONS)	346, 146, 140	60	3	13	0.0	0.0	0.0	14	--	--	--	SPACE	
	SPACE	--	--	--	17	0.0	0.0	0.0	18	--	--	--	SPACE	
	SPACE	--	--	--	20	0.0	0.0	0.0	20	--	--	--	SPACE	
	SPACE	--	--	--	21	0.0	0.0	0.0	21	--	--	--	SPACE	
	SPACE	--	--	--	23	0.0	0.0	0.0	24	--	--	--	SPACE	
	SPACE	--	--	--	20	1	25	0.0	0.0	26	--	--	SPACE	
	SPACE	--	--	--	20	1	27	0.0	0.0	28	--	--	SPACE	
	SPACE	--	--	--	20	1	29	0.0	0.0	30	--	--	SPACE	
	SPACE	--	--	--	20	1	31	0.0	0.0	32	--	--	SPACE	
	SPACE	--	--	--	20	1	33	0.0	0.0	34	--	--	SPACE	
	SPACE	--	--	--	20	1	35	0.0	0.0	36	--	--	SPACE	
	SPACE	--	--	--	20	1	36	0.0	0.0	38	--	--	SPACE	
	SPACE	--	--	--	20	1	37	0.0	0.0	39	--	--	SPACE	
	SPACE	--	--	--	20	1	38	0.0	0.0	40	--	--	SPACE	
	SPACE	--	--	--	20	1	39	0.0	0.0	42	--	--	SPACE	
	TRANSFORMER TX-1	3420, 1420, 146	175	3	41	64.4 kVA	66.9 kVA	29.3	42	--	--	--	SPACE	

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	20250 VA	100.00%	20250 VA	TOTAL CONNECTED LOAD: 196589 VA
HVAC	34950 VA	80.00%	27960 VA	TOTAL ESTIMATED DEMAND: 183169 VA
LTNG	109629 VA	100.00%	109629 VA	TOTAL CONNECTED CURRENT: 1236 A
REC	22860 VA	71.87%	16430 VA	TOTAL ESTIMATED DEMAND CURRENT: 220 A
Spare	9000 VA	100.00%	9000 VA	25% ADDITIONAL CAPACITY: 55 A
				TOTAL PANEL CURRENT: 275 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	POS. CONDUCTION 100	1412, 1412, 1412	20	1	1	0.9	0.5		2	1	20	1412, 1412, 1412	PLUSH VALVES - MENS 201	
	POS. CONDUCTION 100	1412, 1412, 1412	20	1	3				4	1	20	1412, 1412, 1412	HAND DRYER - MENS 101	
	POS. CONDUCTION 100	1412, 1412, 1412	20	1	5				6	1	20	1412, 1412, 1412	HAND DRYER - MENS 102	
	CONDUCTIONS 100	1412, 1412, 1412	20	1	7	0.5	0.5		8	1	20	1412, 1412, 1412	PLUSH VALVES - WOMENS 103	
	CHEST FREEZER - CONDUCTIONS 100	1412, 1412, 1412	20	1	9				10	1	20	1412, 1412, 1412	HAND DRYER - WOMENS 103	
	ABOVE COUNTER - CONDUCTIONS 100	1412, 1412, 1412	20	1	11				12	1	20	1412, 1412, 1412	HAND DRYER - WOMENS 103	
	ABOVE COUNTER - CONDUCTIONS 100	1412, 1412, 1412	20	1	13	0.2	0.9		14	1	20	1412, 1412, 1412	REC - RESTROOMS - EXTERIOR	
	ABOVE COUNTER - CONDUCTIONS 100	1412, 1412, 1412	20	1	15				16	1	20	1412, 1412, 1412	REC - RESTROOMS - EXTERIOR	
	FRIDGE - CONDUCTIONS 100	1412, 1412, 1412	20	1	17				18	1	20	1412, 1412, 1412	MIP RACK UPS	
	ICE MACHINE - CONDU 100	1412, 1412, 1412	20	1	19	1.0	0.4		20	1	20	1412, 1412, 1412	ICE MACHINE - CONDU 100	
	CONDUCTIONS 100 REC	1412, 1412, 1412	20	1	21				22	1	20	1412, 1412, 1412	REC - STORAGE 100, REC-104	
	FRIDGE - CONDUCTIONS 100	1412, 1412, 1412	20	1	23				24	1	20	1412, 1412, 1412	REC - STORAGE 100, REC-104	
	MISROWAVE - CONDUCTIONS 100	1412, 1412, 1412	20	1	25	0.5	1.2		26	1	20	1412, 1412, 1412	FENCE RECEPTABLES - WEST	
	MISROWAVE - CONDUCTIONS 100	1412, 1412, 1412	20	1	27				28	1	20	1412, 1412, 1412	UTENSIL INTERIOR	
	ABOVE COUNTER - CONDU 100	1412, 1412, 1412	20	1	29				30	1	20	1412, 1412, 1412	UTENSIL EXTERIOR	
	ABOVE COUNTER - CONDU 100	1412, 1412, 1412	20	1	31	0.5	0.1		32	1	20	1412, 1412, 1412	FIBER LIGHTING CONTROLLER	
	REC STORAGE 100	1412, 1412, 1412	20	1	33				34	1	20	1412, 1412, 1412	ELECTRIC WATER COOLER	
	SPACE	--	--	--	35	0.5	0.4		36	1	20	1412, 1412, 1412	ELECTRIC WATER COOLER	
	1 TURBOBOX - HOME SIDE	146, 146, 146	20	1	38				39	--	--	--	SPACE	
	1 TURBOBOX - WEST GOAL POST	146, 146, 146	20	1	39	0.6	0.0		40	0.4	36	1	20	SPACE
	1 TURBOBOX - VISITOR SIDE	146, 146, 146	20	1	39	0.6	0.0		40	--	--	--	SPACE	
	1 TURBOBOX - EAST GOAL POST	146, 146, 146	20	1	41				42	--	--	--	SPACE	
	1 TURBOBOX - FASH LINE	146, 146, 146	20	1	43	0.6	0.0		44	1	20	146, 146, 146	SPACE	
	1 VISITORS SIDE LIGHT POLE REC	146, 146, 146	20	1	45				46	1	20	146, 146, 146	SPACE	
	SPACE	--	--	--	47				48	1	20	--	SPACE	
	SPACE	--	--	--	49	0.0	0.0		50	1	20	--	SPACE	
	SPACE	--	--	--	51				52	1	20	--	SPACE	
	SPACE	--	--	--	53				54	1	20	--	SPACE	
					28.4 kVA	30.9 kVA	29.3 kVA							
					237 A	258 A	245 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	20250 VA	100.00%	20250 VA	TOTAL CONNECTED LOAD: 88589 VA
HVAC	34950 VA	80.00%	27960 VA	TOTAL ESTIMATED DEMAND: 75169 VA
LTNG	1529 VA	100.00%	1529 VA	TOTAL CONNECTED CURRENT: 246 A
REC	22860 VA	71.87%	16430 VA	TOTAL ESTIMATED DEMAND CURRENT: 209 A
Spare	9000 VA	100.00%	9000 VA	25% ADDITIONAL CAPACITY: 52 A
				TOTAL PANEL CURRENT: 261 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P. 1. BREAKER TO BE GFCI TYPE.

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	CONDUCTIONS 100 EH-1	2412, 1412, 1412	20	1	35	0.4	1.5		36	1	20	2412, 1412, 1412	MENS RR 101 EH4	
	CONDUCTIONS 100 EH-1	2412, 1412, 1412	20	1	37	0.4	1.5		38	1	20	2412, 1412, 1412	MENS RR 102 EH4	
	CONDUCTIONS 100 EH-1	2412, 1412, 1412	20	1	39	0.4	1.5		40	1	20	2412, 1412, 1412	MENS RR 103 EH4	
	CONDUCTIONS 100 EH-1	2412, 1412, 1412	20	1	41	0.4	1.5		42	1	20	2412, 1412, 1412	MENS RR 104 EH4	
	CONDUCTIONS 100 EH-2	2412, 1412, 1412	20	1	43	0.8	1.5		44	1	20	2412, 1412, 1412	MENS RR 105 EH4	
	CONDUCTIONS 100 EH-2	2412, 1412, 1412	20	1	45	0.8	1.5		46	1	20	2412, 1412, 1412	MENS RR 106 EH4	
	MECH RM EH2	2412, 1412, 1412	20	1	47	0.8	1.5		48	1	20	2412, 1412, 1412	MENS RR 107 EH4	
	STORAGE 100 EH2	2412, 1412, 1412	20	1	49	0.8	1.5		50	1	20	2412, 1412, 1412	MENS RR 108 EH4	
	CONDUCTIONS 100 EH-2	2412, 1412, 1412	20	1	51	0.8	1.5		52	1				

AIA[®] Document G731[™] – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: *(name and address)*
Woodford County High School Phase 2
145 School House Road, Versailles, KY
40383

OWNER: *(name and address)*
Woodford County Board of Education
330 Pisgah Pike, Versailles, KY 40383

CONTRACTOR: *(name and address)*
Graybar Electric Co.
1740 Fortune Ct, Lexington, KY 40509

CONTRACT INFORMATION:
Contract For: BP 02 Supplier
Date: February 27, 2023

ARCHITECT: *(name and address)*
RossTarrant Architects
101 Old Lafayette Avenue,
Lexington, KY 40502

CHANGE ORDER INFORMATION:
Change Order Number: P2-02-03-01
Date: 10/18/23

CONSTRUCTION MANAGER: *(name and address)*
Trace Creek Construction, Inc.
127 Market St., Vanceburg, KY 41179

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

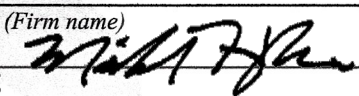
PR 02- Upsize and relocate Panel MPH, TX-1, & MPL1. Add a 4" and a 1 1/2" PVC Communication conduit to the room adjacent to the Electrical Room per PR2 drawing.

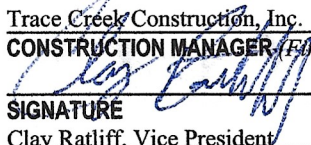
The original Contract Sum was	\$	16,636.00
Net change by previously authorized Change Orders	\$	0.00
The Contract Sum prior to this Change Order was	\$	16,636.00
The Contract Sum will be increased by this Change Order in the amount of	\$	17,724.00
The new Contract Sum including this Change Order will be	\$	34,360.00

The Contract Time will be unchanged by Zero (0) days.
The Contractor's Work shall be substantially complete on 5/15/2024.

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

RossTarrant Architects
ARCHITECT *(Firm name)*

SIGNATURE
 Michael Hughes, Project Manager
PRINTED NAME AND TITLE
 10/18/23
DATE:

Trace Creek Construction, Inc.
CONSTRUCTION MANAGER *(Firm name)*

SIGNATURE
 Clay Ratliff, Vice President
PRINTED NAME AND TITLE
 10/18/23
DATE:

Graybar Electric Co.
CONTRACTOR *(Firm name)*
 Michael Windhorn
SIGNATURE
 Michael Windhorn, Sales
PRINTED NAME AND TITLE
 10/18/23
DATE:

Woodford County Board of Education
OWNER *(Firm name)*
SIGNATURE
PRINTED NAME AND TITLE
DATE:

FAYETTE ELECTRICAL SERVICE, INC.



1101 Enterprise Drive
 Winchester, KY 40391
 (859) 263-8620
www.fayetteelectric.com

To: Trace Creek Construction
 127 Market Street, Suite 200
 Vanceburg, KY
 Attn: Mr. Clay Ratliff

7-Aug-23

Re: Panel upgrades
 PR# 2
 FCO# 1

PROPOSED CHANGE ORDER

Upsize and relocate Panel MPH, TX-1, & MPL1. Add a 4" and a 1 1/2" PVC Communication conduit to the room adjacent to the Electrical Room per PR2 drawing.

Material Cost			\$59,406.36
Labor Cost	136.07 @ Rate	\$77.00	\$10,477.39
Subcontractor Labor			\$0.00
 Subtotal			 \$69,883.75
Inspections (1%)			\$698.84
Bond (1%)			\$698.84
TOTAL COST			\$71,281.43
 Less Graybar's new DPO			 -\$34,360.00
 FES Total			 \$36,921.43
 Graybar's DPO 8/7/23			 \$34,360.00
Less Graybar's original DPO			-\$16,636.00
			Add \$17,724.00

Jeff Kiser, Estimator

Authorized Signature

Item #	Size	Description	Q/M	Quantity	U/M	Mat Result	Lab Result
18		SQUARE D GEAR QUOTE	M	1.00		39,514.00	0.00
10051	2	EMT	M	-2.00	FT	-9.81	-13.12
10055	4	EMT	M	2.00	FT	27.75	26.24
10088	1	PVC SCH 40	M	80.00	FT	162.00	328.00
10090	1 1/2	PVC SCH 40	M	60.00	FT	202.50	344.40
10091	2	PVC SCH 40	M	-10.00	FT	-39.45	-65.60
10095	4	PVC SCH 40	M	320.00	FT	3,336.00	3,148.80
20004	1 1/2	PVC SCH 40 90-DEG ELBOW	M	2.00	EA	10.80	65.60
20005	2	PVC SCH 40 90-DEG ELBOW	M	-1.00	EA	-6.23	-41.00
20009	4	PVC SCH 40 90-DEG ELBOW	M	1.00	EA	45.00	82.00
20044	4	PVC SCH 40 90-DEG ELBOW 36"R	M	1.00	EA	120.00	98.40
20427	2	GRC 90-DEG ELBOW	M	-1.00	EA	-22.50	-53.30
20431	4	GRC 90-DEG ELBOW	M	1.00	EA	112.50	82.00
30005	2	GRC COUPLING	M	-2.00	EA	-18.00	-18.04
30009	4	GRC COUPLING	M	2.00	EA	105.00	32.80
30241	2	EMT STEEL COMP IN-THROAT CONN	M	-2.00	EA	-11.19	-49.20
30245	4	EMT STEEL COMP IN-THROAT CONN	M	2.00	EA	80.22	82.00
30258	1	PVC COUPLING	M	1.00	EA	0.60	8.20
30260	1 1/2	PVC COUPLING	M	4.00	EA	3.42	39.36
30261	2	PVC COUPLING	M	-1.00	EA	-1.20	-9.84
30265	4	PVC COUPLING	M	4.00	EA	24.00	49.20
30303	2	PVC FEMALE ADAPTER	M	-1.00	EA	-1.80	-16.40
30307	4	PVC FEMALE ADAPTER	M	1.00	EA	7.50	20.50
40234	3/4	GRD BUSHING INSULATED	M	-2.00	EA	-14.55	-32.80
40236	1 1/2	GRD BUSHING INSULATED	M	-2.00	EA	-19.53	-57.40
40238	2	GRD BUSHING INSULATED	M	2.00	EA	28.80	98.40
40242	4	GRD BUSHING INSULATED	M	2.00	EA	84.33	180.40
50074	3/4	LIQUIDTITE CONDUIT	M	-6.00	FT	-12.24	-34.44
50076	1 1/2	LIQUIDTITE CONDUIT	M	-6.00	FT	-13.50	-44.28
50078	2	LIQUIDTITE CONDUIT	M	6.00	FT	27.00	73.80
50082	4	LIQUIDTITE CONDUIT	M	6.00	FT	108.00	123.00
50085	3/4	LIQUIDTITE ANGLE CONNECTOR	M	-1.00	EA	-8.25	-12.30
50087	1 1/2	LIQUIDTITE ANGLE CONNECTOR	M	-1.00	EA	-15.47	-16.40
50089	2	LIQUIDTITE ANGLE CONNECTOR	M	1.00	EA	30.57	20.50
50093	4	LIQUIDTITE ANGLE CONNECTOR	M	1.00	EA	249.78	28.70
50096	3/4	LIQUIDTITE STRAIGHT CONNECTOR	M	-1.00	EA	-4.22	-12.30
50098	1 1/2	LIQUIDTITE STRAIGHT CONNECTOR	M	-1.00	EA	-10.35	-16.40
50100	2	LIQUIDTITE STRAIGHT CONNECTOR	M	1.00	EA	37.50	16.40
50104	4	LIQUIDTITE STRAIGHT CONNECTOR	M	1.00	EA	165.00	28.70
60287	2 x 1	GRS NIPPLE	M	-1.00	EA	-33.00	-12.30
60322	4 x 1	GRS NIPPLE	M	1.00	EA	75.00	20.50
70074	10	THHN/THWN CU (STR)	M	-84.00	FT	-32.76	-48.22
70093	6.	THHN/THWN CU (STR)	M	276.00	FT	313.40	248.95
70098	1/0	THHN/THWN CU (STR)	M	26.00	FT	95.16	46.90
70099	2/0	THHN/THWN CU (STR)	M	63.00	FT	281.61	123.98
70100	3/0	THHN/THWN CU (STR)	M	-120.00	FT	-610.20	-255.84
70108	600	THHN/THWN CU (STR)	M	424.00	FT	9,115.15	1,668.86
70189	8	GREEN THHN CU (GRD 100A)	M	-21.00	FT	-15.44	-15.50
70190	6.	GREEN THHN CU (GRD 200A)	M	21.00	FT	23.63	18.94
70195	1/0	GREEN THHN CU (GRD 800A)	M	30.00	FT	109.80	51.66
100178	6.	WIRE TERMINATION LBR	M	2.00	EA	0.00	27.88
100184	1/0	WIRE TERMINATION LBR	M	2.00	EA	0.00	32.80
100185	2/0	WIRE TERMINATION LBR	M	6.00	EA	0.00	108.24
100186	3/0	WIRE TERMINATION LBR	M	-8.00	EA	0.00	-164.00
100193	600	WIRE TERMINATION LBR	M	16.00	EA	0.00	879.04
160104	1/4	WEDGE ANCHOR	M	-4.00	EA	-2.70	-65.60
160109	3/8	WEDGE ANCHOR	M	4.00	EA	3.25	72.16
170121	40	DISTRIBUTION PANELBOARD W/BKRS	M	2.00	EA	0.00	1,968.00
170209	60	PANLBD W/BOLT-ON BKRS	M	-1.00	EA	0.00	-410.00
170214	200	PANLBD W/BOLT-ON BKRS	M	-1.00	EA	0.00	-738.00
190013	15	K3PH DRY TRANSFORMER-FLOOR MTD	M	-1.00	EA	0.00	-738.00
190022	112	.3PH DRY TRANSFORMER-FLOOR MTD	M	1.00	EA	0.00	1,476.00
390126	12"	BACKHOE TRENCHING	E	-10.00	FT	-67.50	-24.60
390127	12"	BACKHOE TRENCHING	E	40.00	FT	600.00	98.40
390129	18"	BACKHOE TRENCHING	E	350.00	FT	5,250.00	1,435.00
500102		PULL LINE (STRING)	M	395.00	FT	2.96	48.59
850007	5/8	COPPER GROUND ROD	M	1.00	EA	21.00	123.00
850050	5/8.	GROUND ROD CLAMP	M	1.00	EA	3.00	16.40
Job totals:						59,406.36	10,477.84

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Change Order, Construction Manager as Adviser Edition

PROJECT: *(name and address)*
Woodford County High School Phase 2
145 School House Road, Versailles, KY
40383

OWNER: *(name and address)*
Woodford County Board of Education
330 Pisgah Pike, Versailles, KY 40383

CONTRACTOR: *(name and address)*
Rising Sun Developing
2555 Palumbo Drive, Ste 110, Lexington,
KY 40509

CONTRACT INFORMATION:
Contract For: BP02
Date: February 27, 2023

ARCHITECT: *(name and address)*
RossTarrant Architects
101 Old Lafayette Avenue,
Lexington, KY 40502

CHANGE ORDER INFORMATION:
Change Order Number: 02-02
Date: 10/18/23

CONSTRUCTION MANAGER: *(name and address)*
Trace Creek Construction, Inc.
127 Market St., Vanceburg, KY 41179

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

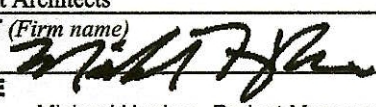
PR-02 Revise site utilites as shown per PR02 revised drawings

The original Contract Sum was	\$ 1,645,014.00
Net change by previously authorized Change Orders	\$ -39,556.94
The Contract Sum prior to this Change Order was	\$ 1,605,457.06
The Contract Sum will be increased by this Change Order in the amount of	\$ 243,173.73
The new Contract Sum including this Change Order will be	\$ 1,848,630.79

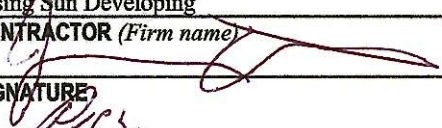
The Contract Time will be unchanged by Zero (0) days.
The Contractor's Work shall be substantially complete on 5/15/2024.

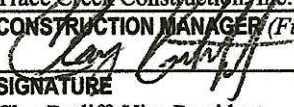
NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

RossTarrant Architects
ARCHITECT *(Firm name)*

SIGNATURE
Michael Hughes, Project Manager
PRINTED NAME AND TITLE
10/18/23

DATE:

Rising Sun Developing
CONTRACTOR *(Firm name)*

SIGNATURE
PRINTED NAME AND TITLE
DATE:

Trace Creek Construction, Inc.
CONSTRUCTION MANAGER *(Firm name)*

SIGNATURE
Clay Ratliff, Vice President
PRINTED NAME AND TITLE
10/18/23

DATE:

Woodford County Board of Education
OWNER *(Firm name)*
SIGNATURE
PRINTED NAME AND TITLE
DATE:

WCHS Phase #2 PR002 MPE changes

Proposal To: 10.9.2023
Trace Creek Construction
Woodford County High School Phase #2
Versailles, KY 40383

Description:
 PR002 MPE changes-sales tax is included in the material costs listed below.

Item	QTY	Unit	Unit \$	Cost
electrical scope: upsize & relocate panel MPH, TX-1, & MPL.1. Add a 4" and 1 1/2" PVC Communication conduit to room adjacent to electrical room per PR2 drawing.				
electrical materials	1		\$59,406.36	\$59,406.36
electrical labor	1		\$10,477.39	\$10,477.39
inspections	1		\$698.84	\$698.84
plumbing scope: domestic waterline, add (2) each valve and cap-off for buildnig and stub out. Sanitary sewer line, tie-into existing sanitary manhole, approx. 160' of 4" SDR-35 PVC SS line at unit price of \$70/foot, approx. 566' of 8" SDR-35 PVC SS line, (3) each SS manholes w/asphalt coating, trench rock excavation/removal/disposal, excavation/backfill/remove spoils, rough grade areas disturbed				
domestic water line materials	1		\$2,500.00	\$2,500.00
domestic water line labor	1		\$3,000.00	\$3,000.00
sanitary manhole tie-in materials	1		\$200.00	\$200.00
sanitary manhole tie-in labor	1		\$1,000.00	\$1,000.00
4" SDR-35 PVC SS materials/labor	160	lf	\$70.00	\$11,200.00
4" ECO-materials	1		\$577.00	\$577.00
4" ECO-labor	1		\$500.00	\$500.00
8" SDR 35 PVC SS materials/labor	566	lf	\$88.00	\$49,808.00
3 each SS manhole w/asphalt coating-materials	1		\$9,000.00	\$9,000.00
3 each SS manhole w/asphalt coating-labor	1		\$12,000.00	\$12,000.00
trench rock excavation/removal/disposal	220	cuyd	\$225.00	\$49,500.00
barricades/safety/sigange-materials & labor	1		\$2,000.00	\$2,000.00
shores boxes/rental	1		\$10,000.00	\$10,000.00
misc. testing/survey	1		\$5,000.00	\$5,000.00
OHP @ 15%				\$34,030.14

Total Change Request	\$260,897.73
	Graybar DPO CO (\$17,724.00)
	RSD CO Amount \$243,173.73

trench rock excavation based upon 4'-7" average dpeth & 24" wide trenchif quantities are over or under pricing will adjust accordingly***
 (RSD project mgr) Donnie Napier

Rising Sun Developing, Inc.
 2555 Palumbo Drive, Ste 110
 Lexington, KY 40509
 859-543-0205 Ph/859-543-0230 Fax

