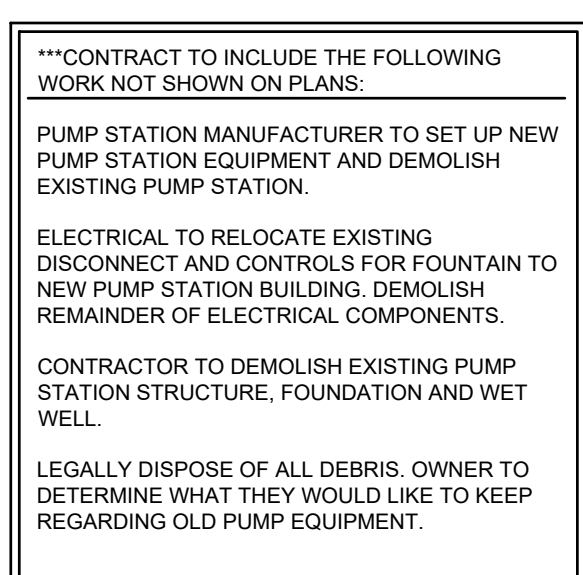
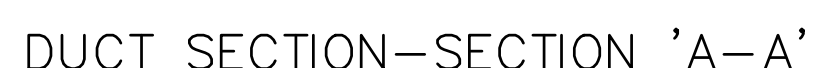


3 PART SITE PLAN

PLAN DESIGNATIONS:

- 



GENERAL NOTES:

1. CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BID AND FIELD VERIFY THE LOCATION OF ALL EXISTING FEEDERS AND CIRCUITS AND EQUIPMENT AND TO VERIFY EXACT ROUTING OF NEW FEEDER AND CIRCUITS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS WHICH AFFECT THE INSTALLATION OF NEW WORK AND THE RE-CONFIGURATION OF THE EXISTING DISTRIBUTION AS SHOWN.
2. ALL SPLICES SHALL BE COMPRESSION TYPE.



- 1 NEW PSEAG UTILITY POLE AND POLE MOUNTED TRANSFORMERS.
- 2 NEW SERVICE DISTRIBUTION ENCLOSURE.
- 3 TYPICAL NEW HANDHOLE, QUAZITE MODEL FRP 17" W X 27" L X 12" H WITH GASKETS AND MOUSE HOLES OR APPROVED EQUAL FOR MAIN FEED, SPARE CONDUIT AND LOW VOLTAGE CONDUIT.
- 4 SURGE PROTECTIVE DEVICE - EATON PROTECTOR PT-X-160-NM400-480-IN-4N.
- 5 TYPICAL NEW HANDHOLE, QUAZITE MODEL FRP 6" W X 8" L X 6" H WITH GASKETS AND MOUSE HOLES OR APPROVED EQUAL FOR LOW VOLTAGE/MONITORING CONDUIT.

1. CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BID AND FIELD VERIFY THE LOCATION OF ALL EXISTING FEEDERS AND CIRCUITS AND EQUIPMENT AND TO VERIFY EXACT ROUTING OF NEW FEEDER AND CIRCUITS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS WHICH AFFECT THE INSTALLATION OF NEW WORK AND THE RE-CONFIGURATION OF THE EXISTING DISTRIBUTION AS SHOWN.
2. ALL SPLICES SHALL BE COMPRESSION TYPE.

PANEL PSI										FED FROM:										DISTRIBUTION W/REWAY WJA T-PSI									
VOLTAGE: MAIN BUS:				120/208V-WYE 100AMPS		MOB 100V3		POLES: WYE:		3Ø SURFACE		EQUIPMENT GROUND BUS: ISOLATED GROUND BUS:				YES NO		MIN. ALC 10KAC FULLY RATED RECEIPIES											
ØKT #	LOAD SERVING	LOAD (VA)	BREAKER TRIP	BRANCH CIRCUIT			PHASE			BRANCH CIRCUIT			BREAKER TRIP		LOAD (VA)	SERVING	ØKT #												
				A	B	C																							
1		1333					1474				2Ø12V#2ØR	20	1	141		LIGHTING	2												
3	ELH	1333	20					2333			2Ø12V#2ØR	20	1	1000		RECEIPIES	4												
5		1333							1633		2Ø12V#2ØR	15	1	600		WELL PUMP CONTROLS	6												
9	ELH	1333	3					1333				20	2	0		SPARES	8												
11		1333							1333								10												
13		913							913				30	2	0		12												
15	EF	913	3							913							14												
17		913												1	0		16												
19	SPARE	0	1	20	--		0				--	--	1	0			18												
21	SPARE	0	1	20	--		0				--	--	1	0			20												
23	SPARE	0	1	20	--		0				--	--	1	0			22												
25	SPARE	0	1	15	--		0				--	--	1	0			24												
27	SPARE	0	1	15	--		0				--	--	1	0			26												
29	SPARE	0	1	15	--						--	--	1	0			28												
31	SPARE	0	1	15	--				0		--	--	1	0			30												
				TOTAL CONN. LOAD PER PHASE (VA)			3720	4579	4179					TOTAL CONN. LOAD (VA) = 12478															
				TOTAL AMPS PER PHASE			31.0	38.2	34.8					TOTAL CONN. LOAD (AMPS) = 34.7															
																		RECEIPIES TO GROUND VOLTAGE = 120											

NOTES:

LIGHTING FIXTURE SCHEDULE						
LINE	MANUFACTURER	CATALOG NO.	VOLTS	MOUNT	LAMPS	REMARKS
F1	ORACLE	4-06C-LED-300DL-DIM10-MVOLT-T-40K-85	120	SUSPEND	LED-300DL-4K	STRIP
WM	WILLIAMS	VHM-11H-110/74D-TL-08Z-30DL-PC-DIM-UNV	120	WALL	LED-100DL-4K	EXTERIOR (NOTE-1)
EM	MAX-LUME	ELM-LED-804	120	WALL	LED FURN W/ UNIT	

NOTE-1:
 PROVIDE INTEGRAL PHOTOCELL

