

GENERAL DRAWING NOTE:

THE CONTRACTOR SHALL VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSAL SO AS TO BECOME FAMILIAR WITH EXISTING WORK. SUBMISSION OF PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR. EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THESE DRAWINGS.

COOPERATION WITH OTHER TRADES IN EQUIPMENT ROUTING AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED AS PART OF THIS CONTRACT.

THIS CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.

ELECTRICAL DEMOLITION LEGEND								
SYMBOL	DESCRIPTION							
:E>	EXISTING TO REMAIN.							
ER>	EXISTING TO BE RELOCATED.							
:R>	REMOVE AND TURN OVER TO OWNER.							
ERP>	EXISTING TO BE REPLACED.							
ERC>	EXISTING TO BE RECIRCUITED.							
:RE>	RELOCATED, EXISTING							

GENERAL NOTE:

THESE DRAWINGS HAVE BEEN CREATED FROM PREVIOUS CONTRACT DOCUMENTS. WHILE ACTUAL CONDITIONS HAVE BEEN INVESTIGATED TO THE BEST OF THE ENGINEER'S ABILITY. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS DURING THE COURSE OF WORK AND COORDINATE ANY DISCREPANCIES | WITH THE ENGINEER.

ELECTRICAL DEMOLITION KEY NOTES:

- REMOVE ALL EXISTING ROUGHED IN ELECTRICAL ITEMS THAT ARE WITHIN THE DASHED LINE ENCLOSED AREA, INCLUDING LIGHTING, POWER AND SYSTEM DEVICES, EXCEPT WHERE NOTED WITH THE SYMBOL <E>, <ER>, <RE>, <ERC>, OR <ERP>. ANY WIRING AND CONDUIT CAN BE REUSED AT THE CONTRACTOR'S DISCRETION. CONTRACTOR SHALL ALSO REMOVE ANY OTHER ELECTRICAL EQUIPMENT THAT MAY NOT BE SHOWN. BUT IS PART OF THE DEMOLITION SHOWN BY ATTACHED NOTES. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DEMOLITION PLANS AND ALSO FIELD VERIFY, PRIOR TO ANY REMOVAL.
- 2 ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY THE OWNER. ALL DISPOSAL OF MATERIAL TO CONFORM TO EPA REGULATIONS.
- 3 ALL EXISTING FLOOR BOXES (IF ANY) AND CONDUIT FOR POWER/TELEPHONE/DATA THAT ARE BEING REMOVED, SHALL BE ABANDONED IN PLACE. WIRE SHALL BE REMOVED AND PULL STRINGS INSTALLED WITH TAG, UNLESS NOTED "EXISTING TO REMAIN".
- 4 ELECTRICAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE REPLACEMENT OF ANY DAMAGED EQUIPMENT AND OR MATERIALS NOT BEING REMOVED IN THIS DEMOLITION.
- 5 HVAC CONDENSER UNITS, AND AHU UNITS ARE TO BE REMOVED. THE EXISTING DISCONNECTS AND BRANCH CIRCUIT WIRING TO BE REMOVED TO POINT OF ORIGIN. EXISTING CIRCUIT BREAKER TO BE MARKED AS SPARE.
- 6 EXHAUST FAN TO BE REMOVED. EXISTING BRANCH CIRCUIT WIRING TO BE REMOVED TO POINT OF ORIGIN.
- 7 WATER HEATER TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND WIRING TO POINT OF ORIGIN.
- 8 EXISTING FIRE ALARM SYSTEM CONTROL PANELS TO BE REMOVED AND TURNED OVER TO

GENERAL DEMOLITION NOTES:

COORDINATE SEQUENCING WITH OWNER AND OTHER CONTRACTORS.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE INTEGRITY OF THE REMAINING DEVICES AND EQUIPMENT.

ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.

DISCONNECT, REMOVE OR RELOCATE ALL EXISTING ELECTRICAL MATERIAL AND EQUIPMENT THAT INTERFERES WITH NEW INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO PANELS, LIGHTING FIXTURES, WIRING DEVICES, SIGNAL EQUIPMENT, EXHAUST FANS, BASEBOARD HEATERS, UNIT HEATERS, ETC.

SEE MECHANICAL DRAWINGS FOR HEATERS, EXHAUST FANS, ETC. WHICH MUST BE DISCONNECTED BY THIS CONTRACTOR FOR REMOVAL OR ABANDONMENT BY MECHANICAL CONTRACTOR.

ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY THE OWNER.

WHERE WORK BY GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENINGS, ETC.) RESULTS IN THE REMOVAL, RELOCATION OR REFEEDING OF ELECTRICAL DEVICES OR LIGHTING FIXTURES. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND RECONNECT ALL ACTIVE DEVICES REMAINING. ANY SUCH CONNECTIONS SHALL BE CONCEALED UNLESS LOCATED IN UNFINISHED AREAS.

ANY EXISTING PANEL HOME RUNS, WHICH WILL REMAIN WITHIN THE AREA, MAY BE RETAINED AND USED AS PART OF THE NEW CIRCUITRY OR REMAIN AS SPARE EMPTY CONDUIT. SUCH EMPTY CONDUIT(S) SHALL BE MARKED AS TO PANEL AND END LOCATIONS. EXISTING OUTLET BOXES AND CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES AND

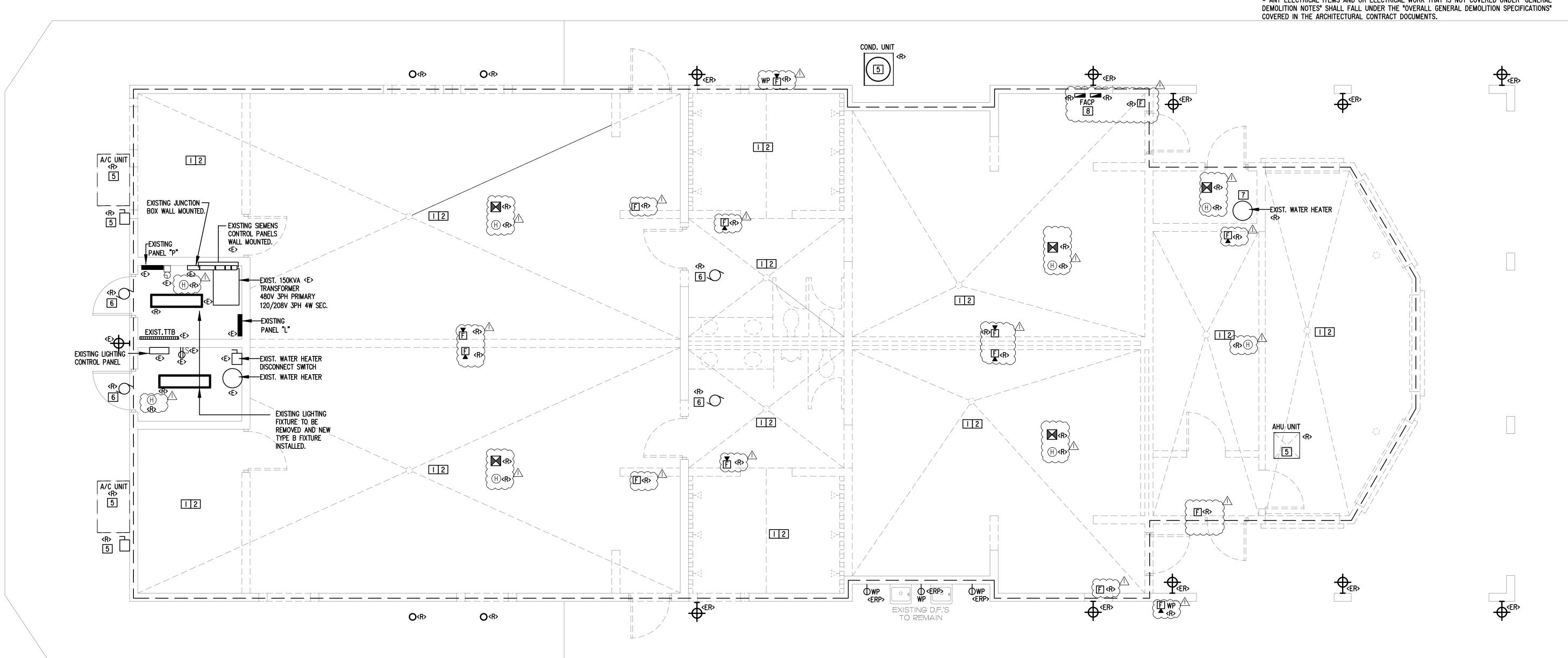
WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS AND CEILINGS. SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISHED SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE OF THE FORMER INSTALLATION REMAINS.

ALL CONDUIT AND WIRE REMOVED SHALL BE REMOVED TO THE SOURCE OF SUPPLY.

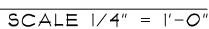
ALL CUTTING, CORING AND PATCHING REQUIRED FOR ELECTRICAL WORK SHALL BE BY THE ELECTRICAL CONTRACTOR.

INSTALL A BLANK COVER PLATE WHERE REQUIRED.

* ANY ELECTRICAL ITEMS AND OR ELECTRICAL WORK THAT IS NOT COVERED UNDER "GENERAL







Fort Pierce

Engineering, Inc. Dependable Mechanical, Electrical & Plumbing Design C.A. No. 28173



Phone: 772 672-4636 Fax: 772 672-4637

PROJECT NAME:
SRHS LOCKER ROOM REMODEI

ENGINEER SEAL



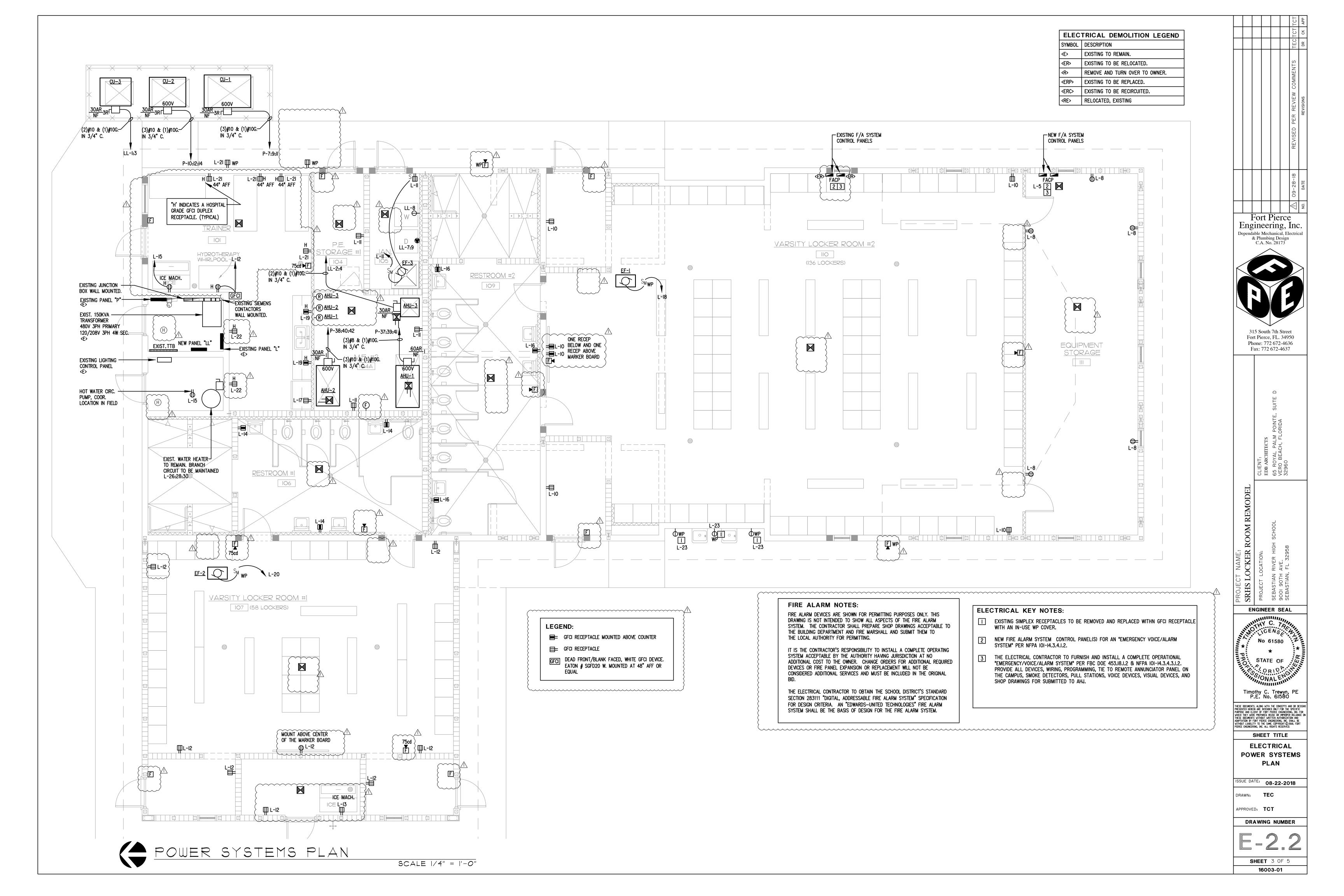
SHEET TITLE **ELECTRICAL POWER/LIGHTING DEMO PLAN**

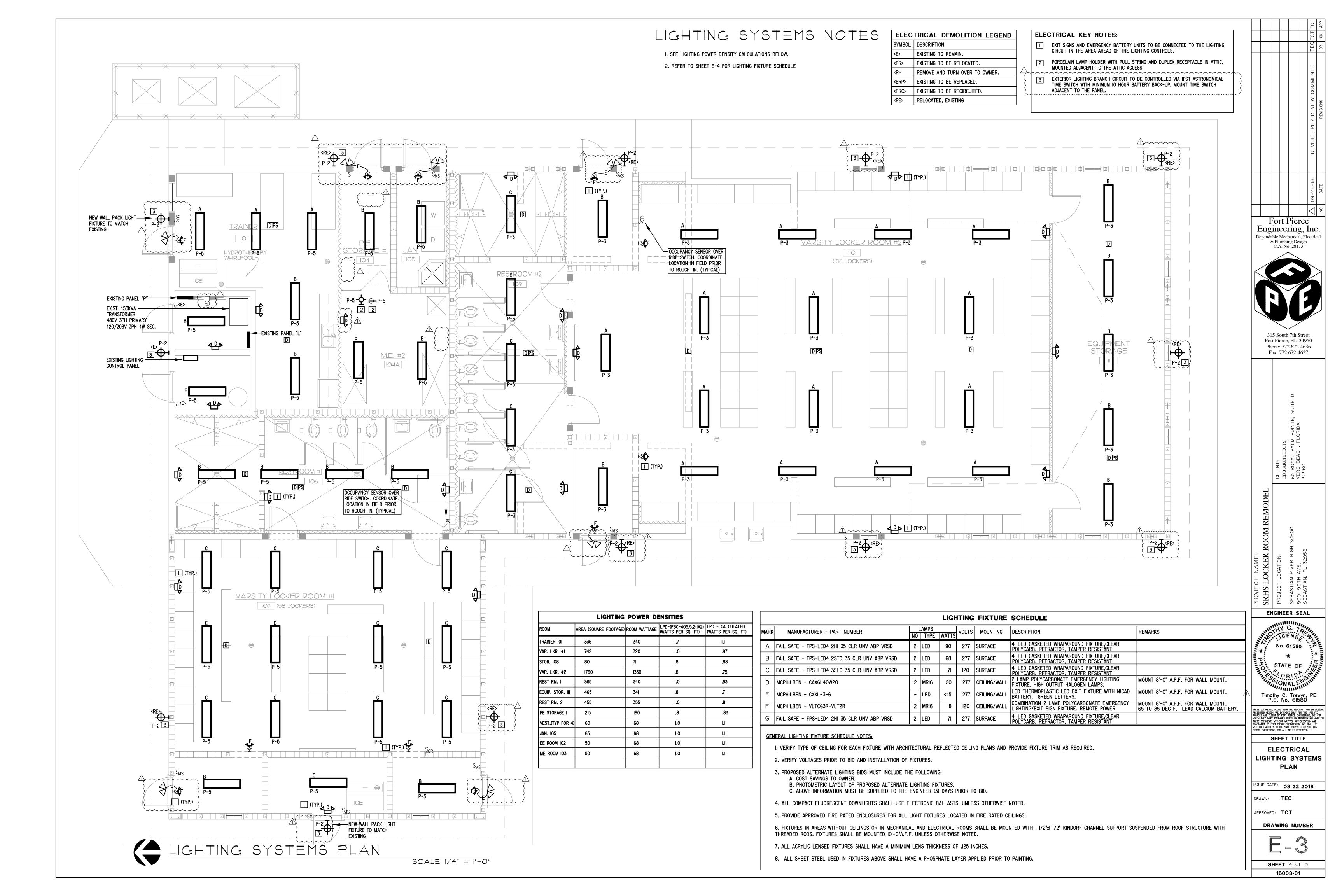
ISSUE DATE: 08-22-2018

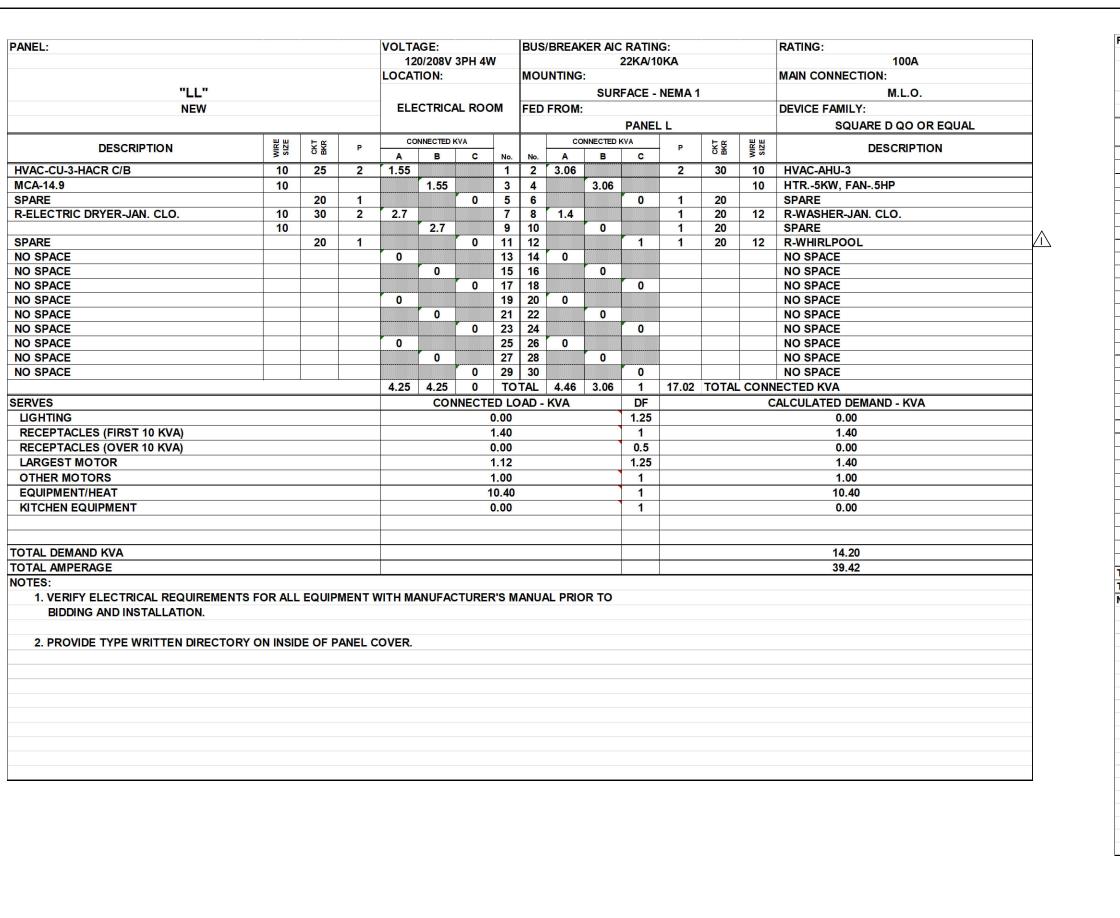
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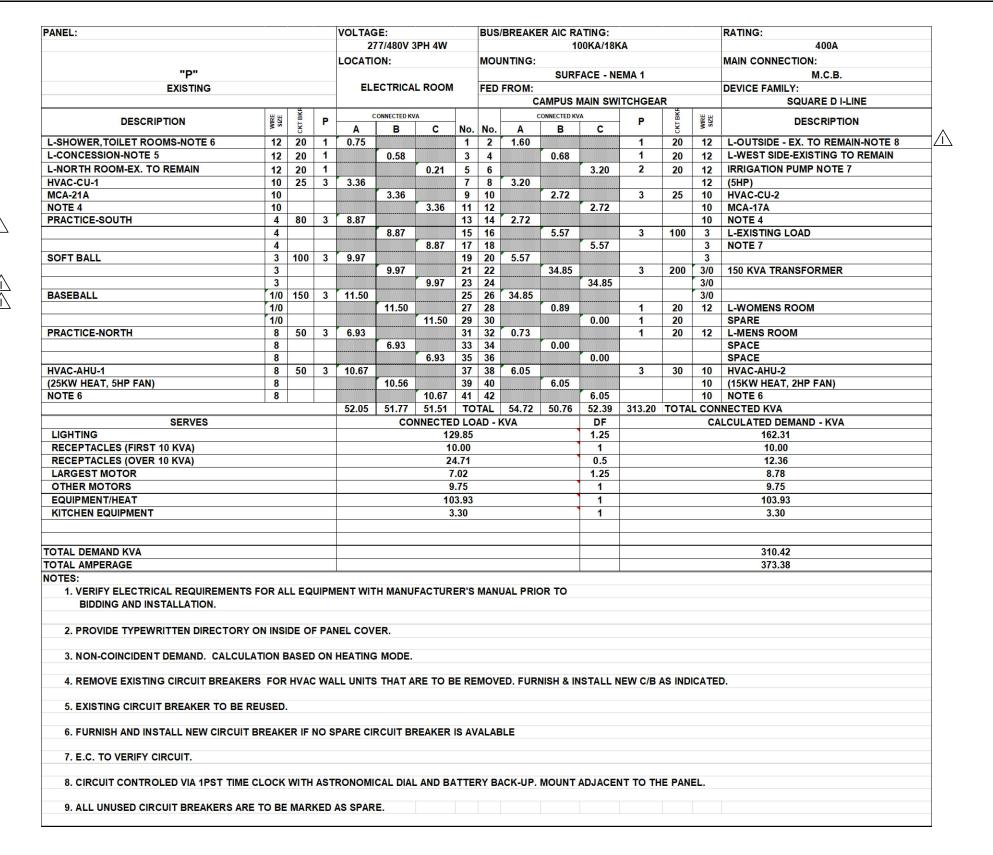
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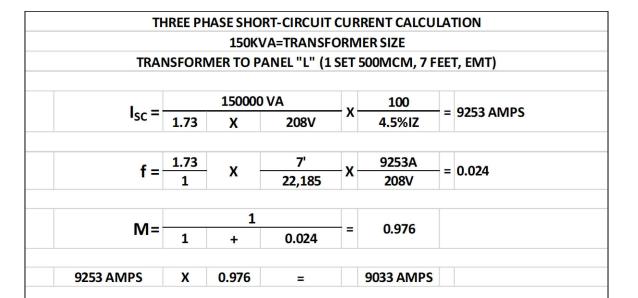


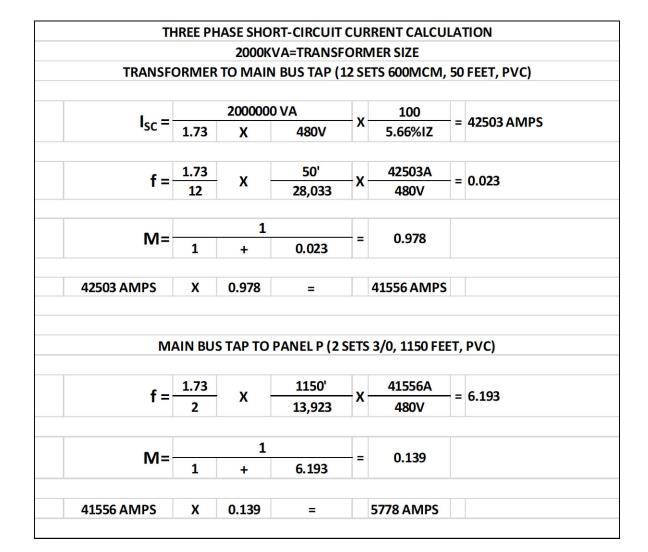


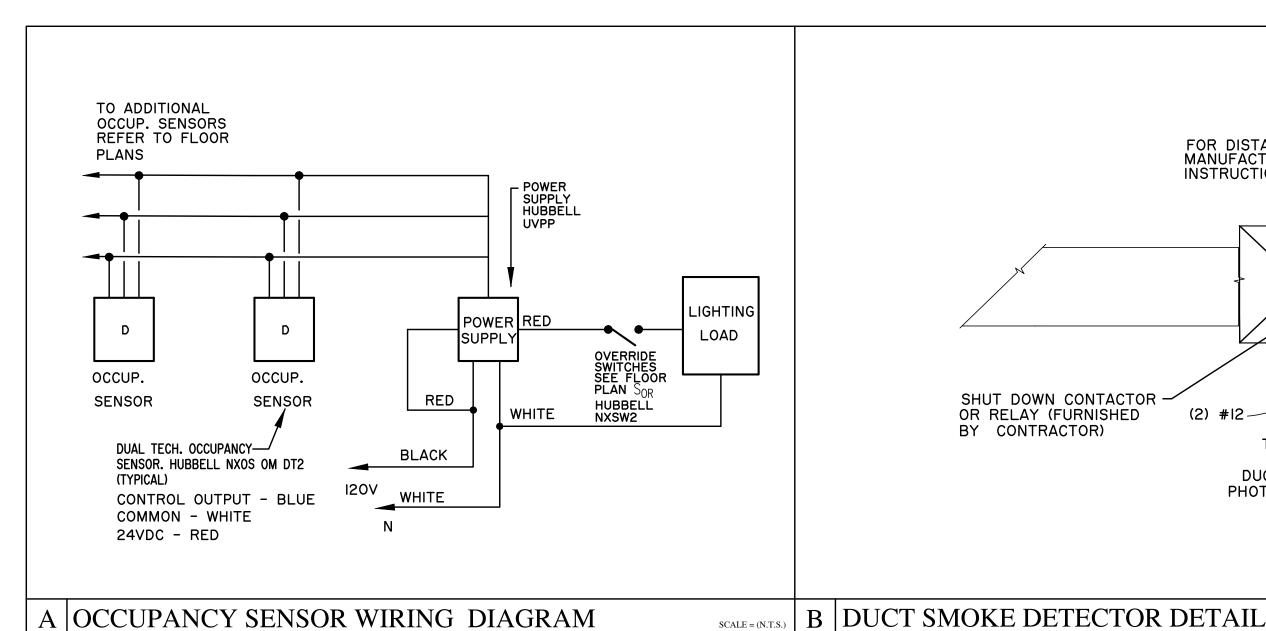


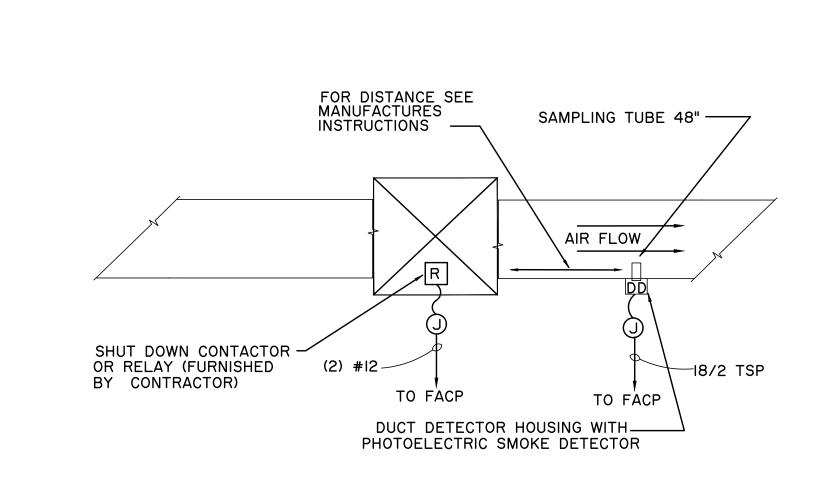
PANEL:										BREAM	(ER AI				RATING:			
						120/208V 3PH 4W						22KA	10KA		400A			
"L" EXISTING										NTING	:				MAIN CONNECTION: M.L.O. DEVICE FAMILY:			
											SU	RFACE	- NEMA					
										FROM								
									PANEL "P" THRU				TRANSFORMER				SQUARE D-NQOD	
DESCRIPTION	WIRE	CKTBKF	P	A	CONNECT		C	No.	No.	Α	CONNECTE	KVA C	- Р	CKTBKF	WIRE	SIZE	DESCRIPTION	
ANEL "CS"	3	100	3	5.93	6.0					4.8	4.8		3			/0 /0	PANEL-BALL FIELD	
DM 405 F FNTDANGE	3	20	_	0.40			3.60		_	4.00		4.		7/		/0	EVICTING CIPCUIT	
R-RM 105 E ENTRANCE	12	20	1	0.18	0.7	70		1	2	4.88	4.00		3	70		4	EXISTING CIRCUIT	
2-CONV RMS 101,102,103,104	12	20	1		0.7	/2	0.05	3	4		4.88	200000000000000000000000000000000000000			_	4		
/A CONTROL PANEL-RED C/B	12	20	1	4 54	-		0.25	5	6	0.70	4	4.8	CONTROL CONTROL	20	_	4	D DOVOL I COVED NUMBER	
				1.54				7	8	0.72	0.5	_	1			2	R-BOYS' LOCKER N WALL	
DE STOR LC CLO NOTE S	40	20	- 4		1.5	54	0.70	9	10		0.54	300003300	1	20	_	2	FAN CONTROL INTERLOCK POWER	
PE STOR., JC CLONOTE 5	12	20	1	4.00	-		0.72	11	12	4 40	4	0.5	100000000	20		2	R-REST ROOM GFCI'S	
PE STORAGE-ICE MACH. NOTE 5	12	20	1	1.80	4.	60		13	14	1.40	4 44		1		_	2	RM 106 GIRLS RR HAND DRYER	
TRAINER 101-ICE MACH. NOTE 5	12	20	1		1.6	οU	0.50	15	16 18		1.40	0000	1		_	2	RM 107 BOYS RR HAND DRYER	
TRAINER 101-REFRIG. NOTE 5	12	20	1	0.26			0.50		_	U 00	4	1.0	1000000		_	2	HVAC-EF-1 -8.32 AMPS - NOTE 5	
TRAINER 101-COUNTER- NOTE 5	12	20	1	0.36	^ ^	00		19	20	0.80	0.27		1	20	_	2	HVAC-EF-2 -6.65A - NOTE 5	
T-TRAINER 101-S,E WALLS NOTE 5	12	20	1		0.9	au	4 00	21	22		0.36	00000	1	20	_	2	R-TRAINER ROOM-NOTE 5	
R-W EXT. ALCOVE, EXT. EWC GFCI	12	20	1	7 40			1.09	23	24	40		0.0	2000000			2	SPARE-NOTE 7	
EW PANEL "LL"	3	100	3	7.16		76		25	26	12	40		3	10	_	3	EXISTING WATER HEATER	
OTE 8	3				5.7	0	0.00	27 29	28 30		12	12				3		
O CDACE	3			0.00			0.00	29	30	0.00		112			-	3	NO SPACE	
O SPACE				0.00	0.0	00				0.00	- 0.00				_		NO SPACE	
O SPACE					0.0	JU	0.00				0.00	333333333333333333333333333333333333333	^		_		NO SPACE	
O SPACE				46.07	46	EO	0.00	TO	TA!	24.60	22.0	0.0 8 23.3		E4 TO:	FAL C	ON	NO SPACE NECTED KVA	
SERVES				16.97	_	_		_			23.9	8 23 DI	_	31 10				
LIGHTING					CONNECTED LOAD - F							1.2	_		CULATED DEMAND - KVA 12.00			
RECEPTACLES (FIRST 10 KVA)					10.00							1.2	_	12.00				
RECEPTACLES (FIRST 10 KVA)					22.91							0.		MAN CONTRACTOR OF THE CONTRACT				
LARGEST MOTOR					1.12							1.2	_	11.46 1.40				
OTHER MOTORS					3.95							1.2	_	3.95				
EQUIPMENT/HEAT					54.45							1	+	54.45				
KITCHEN EQUIPMENT				3,30								1		3,30				
NITCHEN EQUIPMENT								3.30									3.30	
OTAL DEMAND KVA												-					96.55	
TOTAL AMPERAGE																	268.00	
OTES: 1. VERIFY ELECTRICAL REQUIREMENTS BIDDING AND INSTALLATION.	FOR A	LL EQUI	PMENT	WITH M	MANUF	FAC	TURER	'S MA	NUAL	- PRIO	R TO							
2. NO CIRCUIT DIRECTORY FOUND. PROCEIRCUITING ASSIGNMENTS SHOWN A	ARE SO	LELY FO	OR THE	PURPO	SE OI													
NON-COINCIDENT DEMAND. CALCUL HURNISH AND INSTALL NEW CIRCUIT						CE(S	6).											
5. EXISTING CIRCUIT BREAKER.																		
6. EXISTING 100A 3P CIRCUIT BREAKER	то ве	REMOV	ED AND	NEW 20	00A 3I	P C/	B INST	ALLE	D FO	R NEW	PANEI	. HP. A	I.C. RAT	NG TO	MATC	НЕ	EXISTING	
7. ALL UNUSED CIRCUIT BREAKERS TO	BE MAI	RKED AS	SPAR	E.														
	II AND	INCTAL	NEW	C/P TO I	EEED	NEV	V PANI	=1 "1 1										

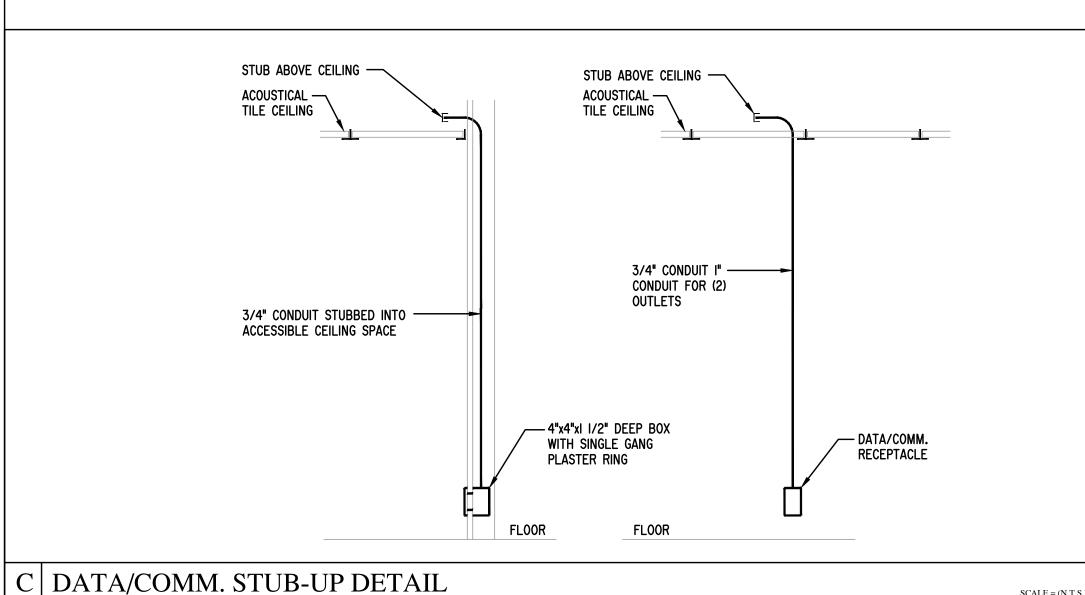




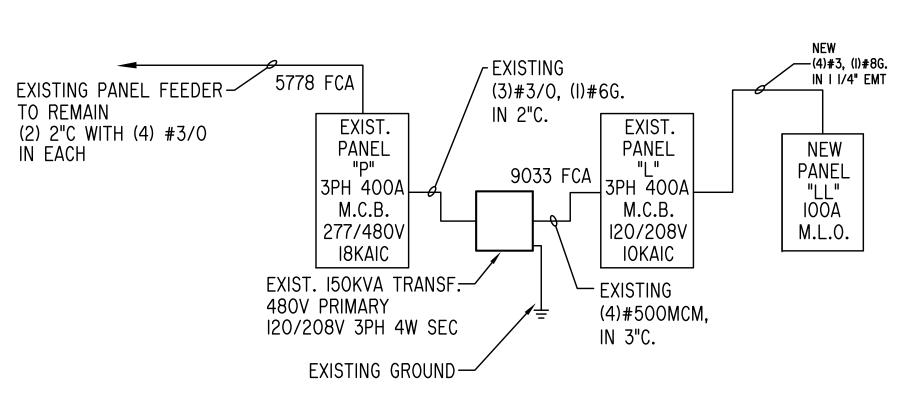












STATE OF ORIO SHEET TITLE **ELECTRICAL DETAILS, RISERS** & SCHEDULES

PROJECT NAME:
SRHS LOCKER ROOM

SCALE = (N.T.S.)

SCALE = (N.T.S.

ENGINEER SEAL

Fort Pierce Engineering, Inc.

Dependable Mechanical, Electrical

& Plumbing Design

315 South 7th Street Fort Pierce, FL. 34950 Phone: 772 672-4636 Fax: 772 672-4637

ISSUE DATE: 08-22-2018 APPROVED: TCT **DRAWING NUMBER**

SHEET 5 OF 5

SCALE = (N.T.S.)

SCALE = (N.T.S.) | E | ELECTRICAL RISER DIAGRAM