

- GENERAL NOTES:**
- GALVANIZED ROHS COMPLIANT STEEL BOX CONSTRUCTED IN ACCORDANCE WITH UL50
 - FRONT TRIM, TYPE 304 SS WITH #4 POLISH FINISH.
 - BOLT-ON CHASSIS FASTENS TO STUDS IN BOX.

ITEM	DESCRIPTION				
	ISOLATION TRANSFORMER				
	KVA	VOLTAGE			FREQ.
PRIMARY		LV SECONDARY	HV SECONDARY		
1	25	208	120	208	60
		240	208	220	
		277	220	240	
		480			
	KVA	LOW VOLTAGE SECTION		HIGH VOLTAGE SECTION	
INTERIOR ASSEMBLY					
2	PRIMARY MAIN BREAKER:				
3	SECONDARY MAIN BREAKER				
4	BRANCH BREAKERS*		QTY		QTY
		15 A		15 A	
		20 A		20 A	
		30 A		30 A	
5	LINE ISOLATION MONITOR (LIM2010)				
6	CP-LIM2010 CONNECTOR PLATE				
7	GROUND BUS				
8	COMMUNICATION GATEWAY: <input type="checkbox"/> YES <input type="checkbox"/> NO				
9	FAULT LOCATION SYSTEM: <input type="checkbox"/> YES <input type="checkbox"/> NO				
10	CURRENT MONITORING SYSTEM: <input type="checkbox"/> YES <input type="checkbox"/> NO				
11	TRANSFORMER LOAD MONITOR: <input type="checkbox"/> YES <input type="checkbox"/> NO				
12	RECEPTACLE PLATE CONFIGURATION: SEE SHEET 2				
13	FRONT TRIM: T7432DR				
14	BACKBOX: B723014F				

* 16 BREAKERS MAX 2 POLE, 10 kAIC ** 4 BREAKERS MAX 2 POLE, 10 kAIC

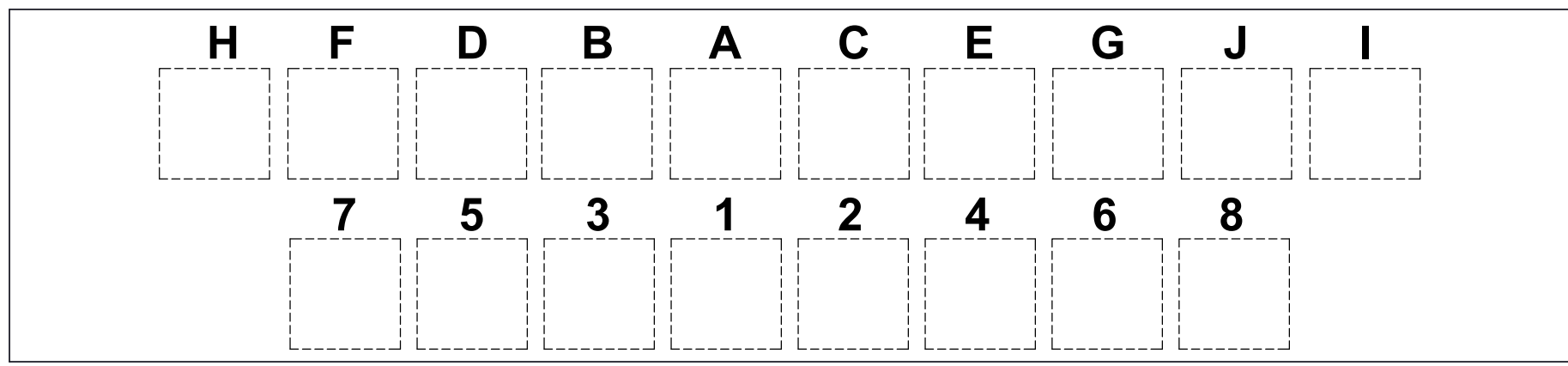
PROJECT:				TITLE:	
SALES ORDER					
QTY.					
MODEL					
ARTICLE #				DWG. NO.	
DRAWN BY				REV	
APPROVED BY					




THE FOLLOWING RECEPTACLES CAN BE USED AT LOCATIONS "A" - "H"		
ABRV.	TYPE OF RECEPTACLE (120V)	
NN	NONE	
SR	NEMA 5-20R SINGLE, RED, HOSPITAL GRADE	
SI	NEMA 5-20R SINGLE, IVORY, HOSPITAL GRADE	
SW	NEMA 5-20R SINGLE, WHITE, HOSPITAL GRADE	
DR	NEMA 5-20R DUPLEX, RED, HOSPITAL GRADE	
DI	NEMA 5-20R DUPLEX, IVORY, HOSPITAL GRADE	
DW	NEMA 5-20R DUPLEX, WHITE, HOSPITAL GRADE	
TB	TWIST-TO-LOCK, BLACK #23000HG	
BS	BRITISH STANDARD	

THE FOLLOWING GROUND JACKS CAN BE USED AT LOCATIONS "I" - "8"		
ABRV.	GROUND JACK	
G	30 A GROUND JACK, HOSPITAL GRADE, TWIST-TO-LOCK	

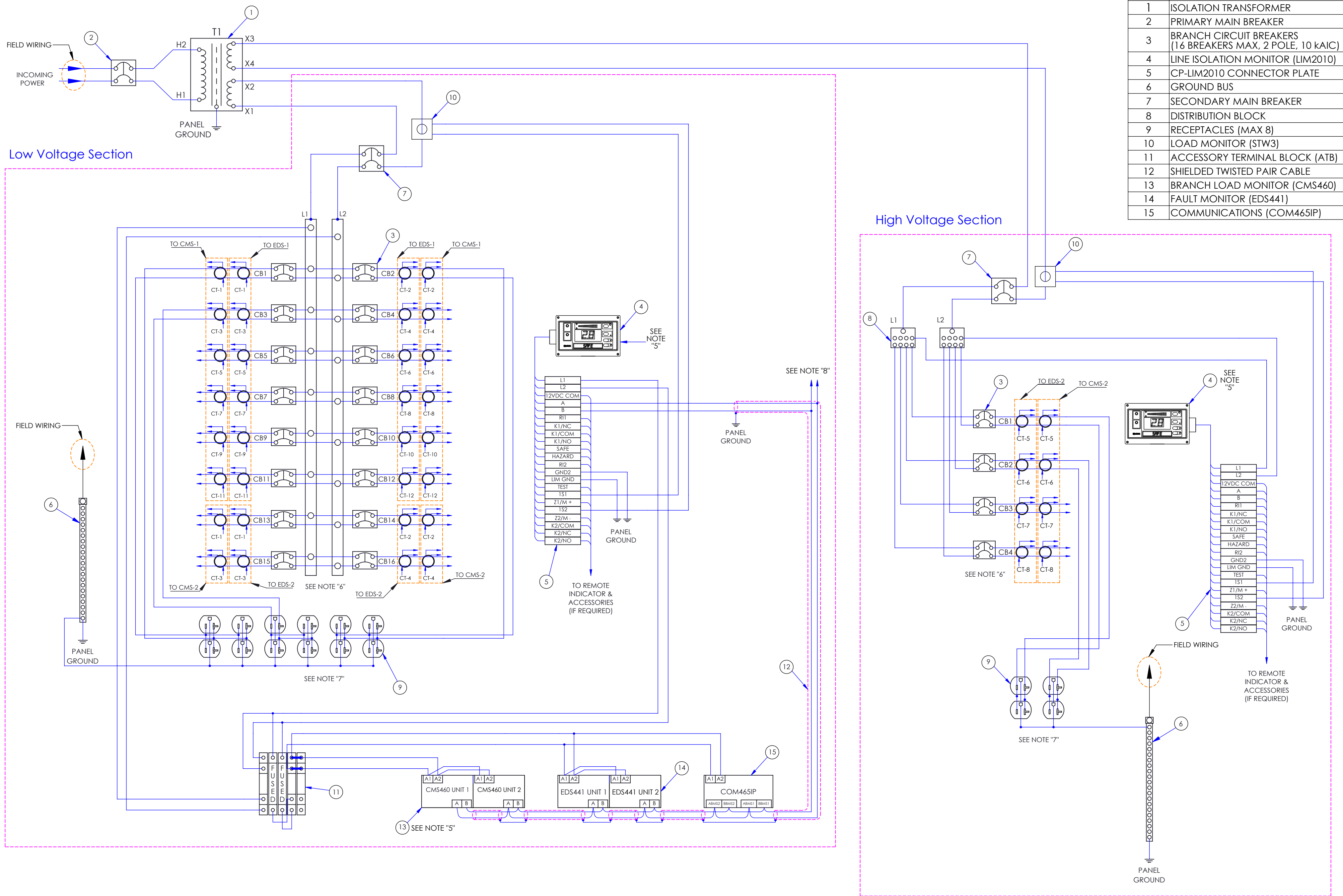
THE FOLLOWING RECEPTACLES CAN BE USED AT LOCATIONS "I" - "J"		
ABRV.	TYPE OF RECEPTACLES (208-250V)	
NN	NONE	
1	HUBBELL #IN16494	
2	NEMA #615R, HOSPITAL GRADE	
3	NEMA #620R, HOSPITAL GRADE	
4	NEMA #630R, HOSPITAL GRADE	
5	NEMA #650R, HOSPITAL GRADE	
6	NEMA #L615R 30A/250V TWIST, HOSPITAL GRADE	
7	NEMA #L620R 30A/250V TWIST, HOSPITAL GRADE	
8	NEMA #L630R 30A/250V TWIST, HOSPITAL GRADE	
9	HUBBELL CS8269	



- NOTES:
1. THE TOTAL QUANTITY OF LOW VOLTAGE RECEPTACLES CANNOT EXCEED EIGHT RECEPTACLES PER PANEL
 2. THE TOTAL QUANTITY OF HIGH VOLTAGE RECEPTACLES CANNOT EXCEED TWO RECEPTACLES PER PANEL
 3. UP TO EIGHT 30A, HOSPITAL GRADE, TWIST-TO-LOCK GROUND JACKS MAY BE USED ON THE RECEPTACLE PLATE AT LOCATIONS DESIGNATED "I"-"8"

PROJECT:			
SALES ORDER		TITLE:	
QTY.			
MODEL			
ARTICLE #		DWG. NO.	REV
DRAWN BY			
APPROVED BY		 420 Eagleview Blvd. Exton, PA 19341-1116 1-800-356-4266	

ITEM	DESCRIPTION
1	ISOLATION TRANSFORMER
2	PRIMARY MAIN BREAKER
3	BRANCH CIRCUIT BREAKERS (16 BREAKERS MAX, 2 POLE, 10 KAIC)
4	LINE ISOLATION MONITOR (LIM2010)
5	CP-LIM2010 CONNECTOR PLATE
6	GROUND BUS
7	SECONDARY MAIN BREAKER
8	DISTRIBUTION BLOCK
9	RECEPTACLES (MAX 8)
10	LOAD MONITOR (STW3)
11	ACCESSORY TERMINAL BLOCK (ATB)
12	SHIELDED TWISTED PAIR CABLE
13	BRANCH LOAD MONITOR (CMS460)
14	FAULT MONITOR (EDS441)
15	COMMUNICATIONS (COM465IP)



- NOTES:**
1. Type XHHW wire with a dielectric constant of less than 3.5 is recommended for all branch circuit field wiring.
 2. Polarity shall be observed in all instances.
 3. Size of all conductors shall be in accordance with all UL, NEC, NFPA and State Fire Marshall requirements.
 4. All remote indication circuitry shall be low voltage and will not contribute leakage to the system.
 5. When other panels/units with RS-485 communication are added onto panel, slide switch "R" on bottom of unit must be positioned in the "off" position. If additional RS-485 related equipment is not connected, slide "R" switch must be in the "on" position.
 6. Quantity of branch breakers (CB1 - CB16), CTs (CT1 - CT12), EDS441 (EDS1 & EDS2), and CMS460 (CMS1 & CMS2) shown for reference only. See elevation drawing for specific values provided.
 7. Quantity of and style of receptacles (R1 - R8) shown for reference only. See elevation drawing for specific values provided.
 8. Customer connections for daisy-chaining RS-485 equipment, if required.

TITLE: MID WIRING DIAGRAM W/ SEC MCB, RECEPTACLES, STW3, CMS460, EDS441, & COM465IP	DRAWN BY: T. COYLE	02/12/20	 420 Eagleview Blvd. Exton, PA 19341-1116 1-800-356-4266	DWG. NO.: 442 0196	REV: 1
	APPROVED BY: A. JOHNSON	02/12/20		SHEET 1 OF 1	