


TOTAL PANEL WEIGHT  
15 kVA: 480 LBS (145 Kg)

- 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
  - Filler plates provided for branch breaker spaces

ITEM	DESCRIPTION			
1	<b>ISOLATION TRANSFORMER</b>			
	KVA	VOLTAGE		FREQ.
		PRIMARY	SECONDARY	
15	120 208 277 480	120 208 220	60	
<b>INTERIOR ASSEMBLY</b>				
2	<b>PRIMARY MAIN BREAKER:</b>			
3	<b>BRANCH BREAKERS*</b>	<b>QTY</b>		
		15 A		
		20 A		
	30 A			
4	<b>LINE ISOLATION MONITOR (LIM2010)</b>			
5	<b>CP-LIM2010 CONNECTOR PLATE</b>			
6	<b>GROUND BUS</b>			
7	<b>COMMUNICATION GATEWAY:</b> <input type="checkbox"/> YES <input type="checkbox"/> NO			
8	<b>FAULT LOCATION SYSTEM:</b> <input type="checkbox"/> YES <input type="checkbox"/> NO			
9	<b>CURRENT MONITORING SYSTEM:</b> <input type="checkbox"/> YES <input type="checkbox"/> NO			
10	<b>TRANSFORMER LOAD MONITOR:</b> <input type="checkbox"/> YES <input type="checkbox"/> NO			
11	<b>RECEPTACLE PLATE CONFIGURATION: SEE SHEET 2</b>			
12	<b>FRONT TRIM: T7432ER</b>			
13	<b>BACKBOX: B723012F</b>			

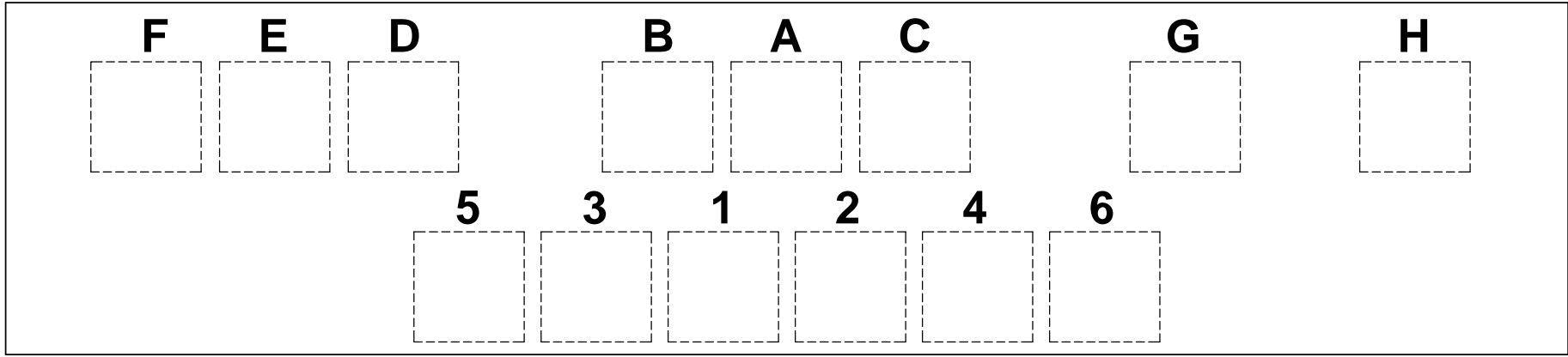
\* 16 BREAKERS MAX 2 POLE, 10 KAIC

PROJECT:		TITLE:	
SALES ORDER		DWG. NO.    REV	
QTY.			
MODEL			
ARTICLE #		 420 Eagleview Blvd. Exton, PA 19341-1116 1-800-356-4266	
DRAWN BY			
APPROVED BY		SHEET 1 OF 2	


THE FOLLOWING RECEPTACLES CAN BE USED AT LOCATIONS "A" - "H"			THE FOLLOWING RECEPTACLES CAN BE USED AT LOCATIONS "G" - "H"		
ABRV.	TYPE OF RECEPTACLE (120V)		ABRV.	TYPE OF RECEPTACLES (208-250V)	
NN	NONE		NN	NONE	
SR	NEMA 5-20R SINGLE, RED, HOSPITAL GRADE		Y1	HUBBELL #IN16494	
SI	NEMA 5-20R SINGLE, IVORY, HOSPITAL GRADE				
SW	NEMA 5-20R SINGLE, WHITE, HOSPITAL GRADE				
DR	NEMA 5-20R DUPLEX, RED, HOSPITAL GRADE		Y2	NEMA #615R, HOSPITAL GRADE	
DI	NEMA 5-20R DUPLEX, IVORY, HOSPITAL GRADE		Y3	NEMA #620R, HOSPITAL GRADE	
DW	NEMA 5-20R DUPLEX, WHITE, HOSPITAL GRADE				
TB	TWIST-TO-LOCK, BLACK #623000		Y4	NEMA #630R, HOSPITAL GRADE	
BS	BRITISH STANDARD		Y5	NEMA #650R, HOSPITAL GRADE	

THE FOLLOWING GROUND JACKS CAN BE USED AT LOCATIONS "1" - "6"		
ABRV.	GROUND JACK	
G	30 A GROUND JACK, HOSPITAL GRADE, TWIST-TO-LOCK	

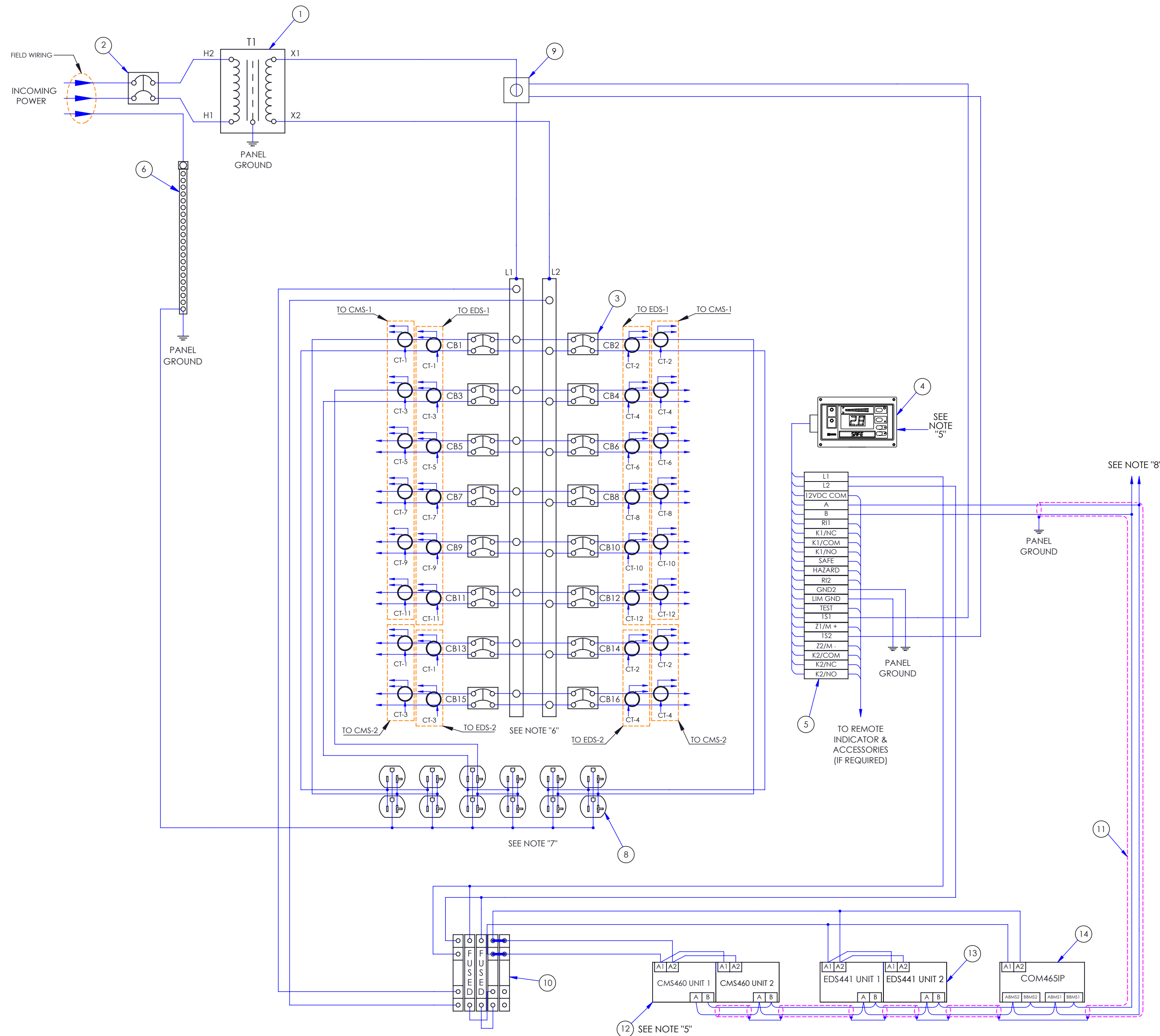
Y6	NEMA #L615R 30A/250V TWIST, HOSPITAL GRADE	
Y7	NEMA #L620R 30A/250V TWIST, HOSPITAL GRADE	
Y8	NEMA #L630R 30A/250V TWIST, HOSPITAL GRADE	
Y9	HUBBELL CS8269	
Y0	HUBBELL #230000HG	



- 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 SIX 30A, HOSPITAL GRADE, TWIST-TO-LOCK GROUND JACKS MAY BE USED ON THE RECEPTACLE PLATE AT LOCATIONS DESIGNATED "1"-"6"

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

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	DISTRIBUTION BLOCK
8	RECEPTACLES (MAX 6)
9	LOAD MONITOR (STW3)
10	ACCESSORY TERMINAL BLOCK (ATB)
11	SHIELDED TWISTED PAIR CABLE
12	BRANCH LOAD MONITOR (CMS460)
13	FAULT MONITOR (EDS441)
14	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 - R6) shown for reference only. See elevation drawing for specific values provided.
  8. Customer connections for daisy-chaining RS-485 equipment, if required.

<b>TITLE:</b> MIP WIRING DIAGRAM W/ RECEPTACLES, STW3, CMS460, EDS441, & COM465IP	<b>DRAWN BY:</b> T. COYLE	02/13/20	 420 Eagleview Blvd. Exton, PA 19341-1116 1-800-356-4266	<b>DWG. NO.:</b> 442 0036	<b>REV:</b> 2
	<b>APPROVED BY:</b>				SHEET 1 OF 1