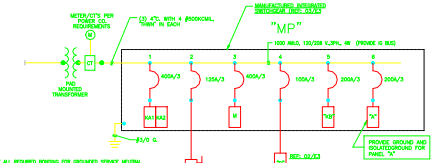
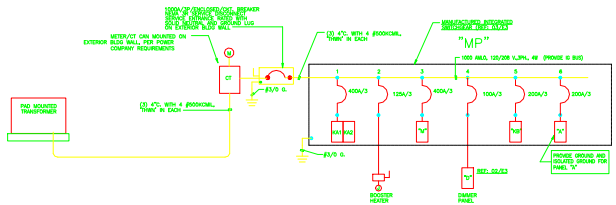


NOTE:
PROVIDE ALL REQUIRED BONDING FOR GROUNDED SERVICE NEUTRAL, SERVICE ENTRANCE EQUIPMENT AND CONDUIT ETC. IN STRICT ACCORDANCE WITH NEC SECTIONS 250-79. PROVIDE REQUIRED BONDING IN STRICT ACCORDANCE WITH 250-40 ON THE SUPPLY AND LOAD SIDE OF SERVICE AND ALL BONDING OF SERVICE ENCLOSURES, STRUCTURAL STEEL, METAL WATER PIPING IN INTERIOR OF THE BUILDING. MAKE ALL CONNECTIONS PER 250-113. ALL GROUND WIRE SHALL BE SIZED PER TABLES IN NEC (250-94, 250-95).

01 ONE LINE DIAGRAM
NO SCALE



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01 ONE LINE DIAGRAM
NO SCALE

DIMMER PANEL SCHEDULE

120/208V., 3 PHASE, 4 WIRE, 1000 MLO, A.I.C. TO BE DETERMINED

CCT NO.	CNTRL NO.	AREA SERVED	WATTAGE	CIRCUIT BREAKER AMP.	CIRCUIT NO.	CHANNEL NO.	REMARKS
01	1	LIGHTING-DOWNLIGHTS/PORTE LTG (TE-DO)	900	20/1	1	NOTE #1	
02	2	WALL SCONCES/ FIRE PLACE	240	20/1	2		
03	3	LIGHTING-BULLETS (DINING)	700	20/1	3	NOTE #1	
04	4	LIGHTING-COVE/PERIMTR LAMPS (BAR)	400	20/1	4		
05	5	LIGHTING-DOWNLIGHTS (BAR)	600	20/1	5	NOTE #1	
06	6	LIGHTING-"ROPE LIGHTS" (BAR)	144	20/1	6		
07	7	LIGHTING-DOWNLIGHTS (RESTROOMS)	600	20/1	7	SCNDGUARD	
08	8	LIGHTING-DOWNLIGHTS (BAR SEATING)	700	20/1	8	NOTE #1	
09	9	LIGHTING-DOWNLIGHTS (DINING)	460	20/1	9		
010	10	SPARE	-	20/1	-		
011	11	LIGHTING-DOWNLIGHTS (DINING)	300	20/1	11		
012	12	LIGHTING-DOWNLIGHTS (DINING)	900	20/1	12	NOTE #1	
013	13	LIGHTING-CHANDELIERS (DINING)	1440	20/1	13		
014	14	LIGHTING-BULLETS (DINING)	660	20/1	14	NOTE #1	
015	15	SPARE	-	20/1	-		
016	16	LIGHTING-SCONCES DINING/FOYER	900	20/1	16	NOTE #1	
017	17	SPARE	-	20/1	-		
018	18	LIGHTING-CHANDELIERS (FOYER/ENTRY)	900	20/1	18	NOTE #1	
019	19	LIGHTING-"ROPE LIGHTS" (BAR/SCONCES)	660	20/1	19		
020	20	LIGHTING-"ROPE LIGHTS" (COLONNADES)	1030	20/1	20		
021	21	LIGHTING-DOWNLIGHTS (DINING)	600	20/1	21	NOTE #1	
022	22	LIGHTING-PENDANTS (DINING)	480	20/1	22		
023	23	CLOCK OUTLETS	1080	20/1	23		
024	24	LIGHTING-DOWNLIGHTS (BAR)	700	20/1	24		
		TOTAL	15744	90	AMPS		

NOTES: 1. CONNECT/BYPASS AND/OR EXIT LIGHTS TO NON DIM MODULE AHEAD OF DIMMER.

DIMMER PANEL SCHEDULE

120/208V., 3 PHASE, 4 WIRE, 1000 MLO, A.I.C. TO BE DETERMINED

CCT NO.	CNTRL NO.	AREA SERVED	WATTAGE	CIRCUIT BREAKER AMP.	CIRCUIT NO.	CHANNEL NO.	REMARKS
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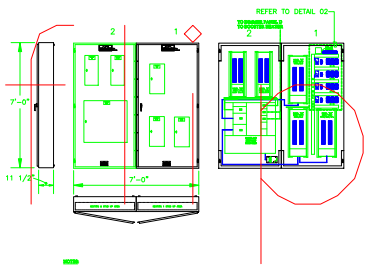
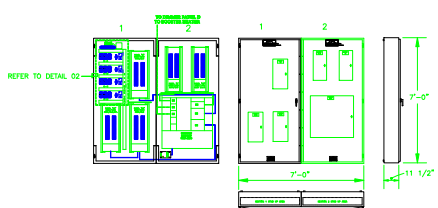
NOTES: 1. CONNECT/BYPASS AND/OR EXIT LIGHTS TO NON DIM MODULE AHEAD OF DIMMER.



NOTES:
1. ALL DOOR BACKPLATE ARE SHOWN.
2. ALL DOOR HARDWARE SHALL BE SURFACE MOUNTED WITH HEADS MARK THAN DIA.
3. ALL DOOR HARDWARE SHALL BE SURFACE MOUNTED WITH HEADS MARK THAN DIA.
4. ALL DOOR HARDWARE SHALL BE SURFACE MOUNTED WITH HEADS MARK THAN DIA.
5. ALL ASSEMBLY TO MAIN ISOLATED GROUND SYSTEM AS FACTORY WIRED TO UP 4 ENCLOSURE.
6. ALL ASSEMBLY AND LIGHTING GRADE ELECTRICITY WHICH MEAN CIRCUIT BUILDER YOU ARE MEAN OF CONNECTION AND GROUND LEAD SIZE OF CONTACTORS TO TERMINAL STRIP FOR FIELD CONNECTION. SEEING ON SHEELS, L3 FOR ADDITIONAL INFORMATION.

1.0 CABINET DETAILS



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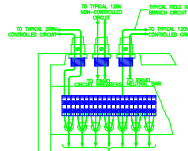
1.0 CABINET DETAILS

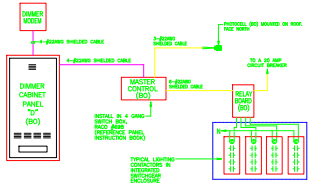
NOTES:
1. TYPICAL CONTACTOR, SEE DETAILS, FOR AMPERE, 3 OR 4 POLES.
2. LINE SIDE OF CONTACTOR IS FACTORY WIRED (YELLOW WIRE) TO CIRCUIT BREAKER.
3. LOAD SIDE OF CONTACTOR IS FACTORY WIRED (BLACK WIRE) TO TERMINAL STRIP FOR FIELD CONNECTION.
4. CONTROL CIRCUIT IS FACTORY WIRED (#14AWG WIRE) TO TERMINAL STRIP FOR FIELD CONNECTION.

1.1 TYPICAL CONTACTOR DETAIL



NOTES:
1. TERMINAL BLOCKS WILL BE FACTORY WIRED TO LOAD SIDE OF CONTACTORS.
2. TECHNICAL TERMINAL BLOCKS WILL BE LABELED WITH PANEL AND CIRCUIT DESIGNATION FOR SPECIFIC CONTROLLED LOAD.

1.2 OVERHEAD CONDUIT ENTRY DETAIL



02 DIMMER SYSTEM BLOCK DIAGRAM
NO SCALE

03 INTEGRATED SWITCHGEAR
NO SCALE

dwf XTBUS3D.dwg