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RICHMOND
COMMUNITY
COLLEGE

LEE BUILDING
STUDENT SERVICES &
CAREER CENTER
VOL.2

BID DOCUMENTS

ELECTRICAL DETAILS

DATE 4-5-2019
PROJECT NO 16063

NO	DATE	DESCRIPTION

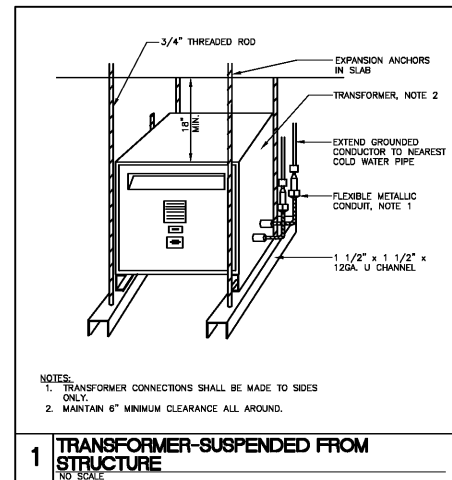
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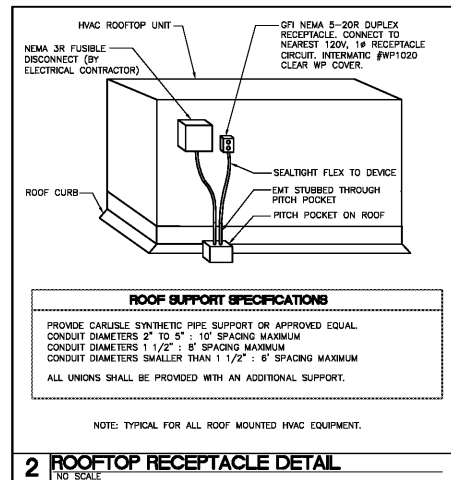
SEAL 04/20/19

SHEET NUMBER
5 OF 16
OPTIMA # 17-0017

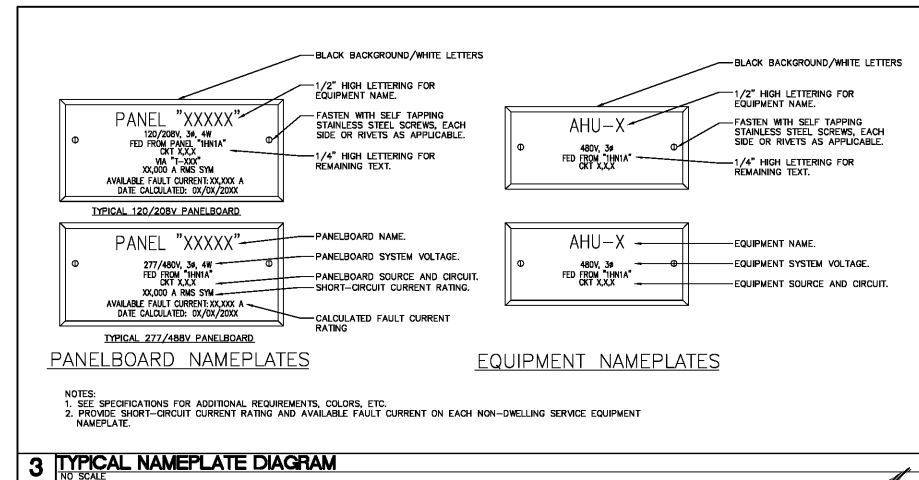
E005



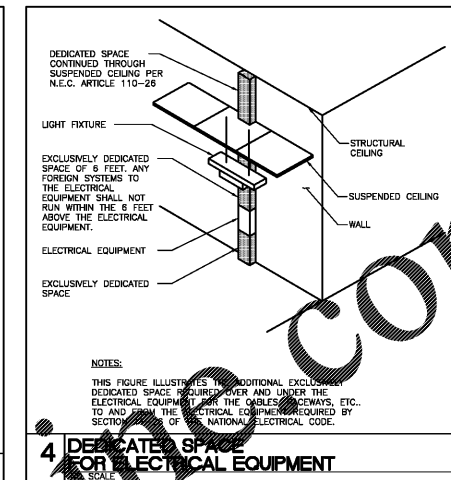
1 TRANSFORMER-SUSPENDED FROM STRUCTURE
NO SCALE



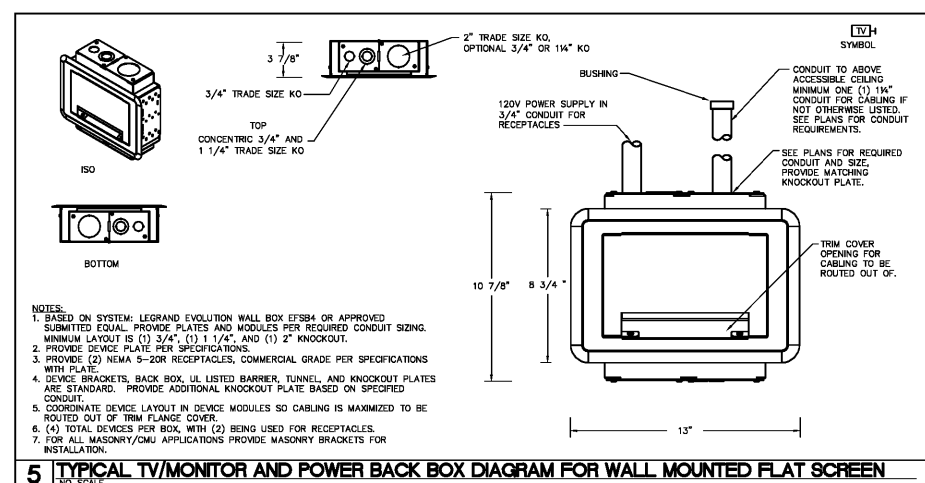
2 ROOFTOP RECEPTACLE DETAIL
NO SCALE



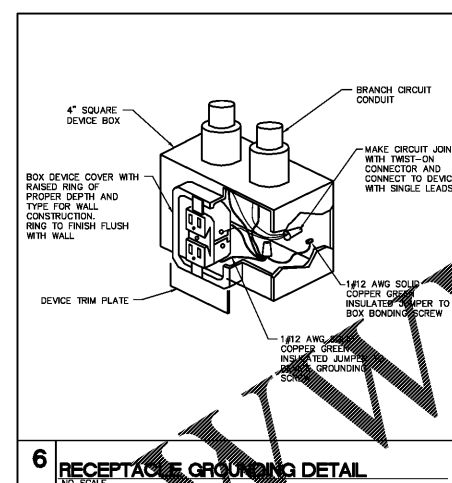
3 TYPICAL NAMEPLATE DIAGRAM
NO SCALE



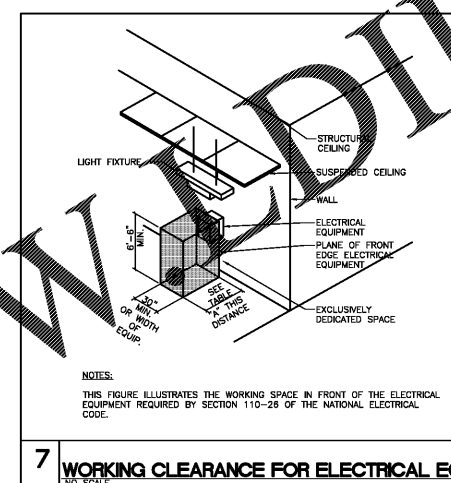
4 DEDICATED SPACE FOR ELECTRICAL EQUIPMENT
NO SCALE



5 TYPICAL TV/MONITOR AND POWER BACK BOX DIAGRAM FOR WALL MOUNTED FLAT SCREEN
NO SCALE



6 RECEPTACLE GROUNDING DETAIL
NO SCALE

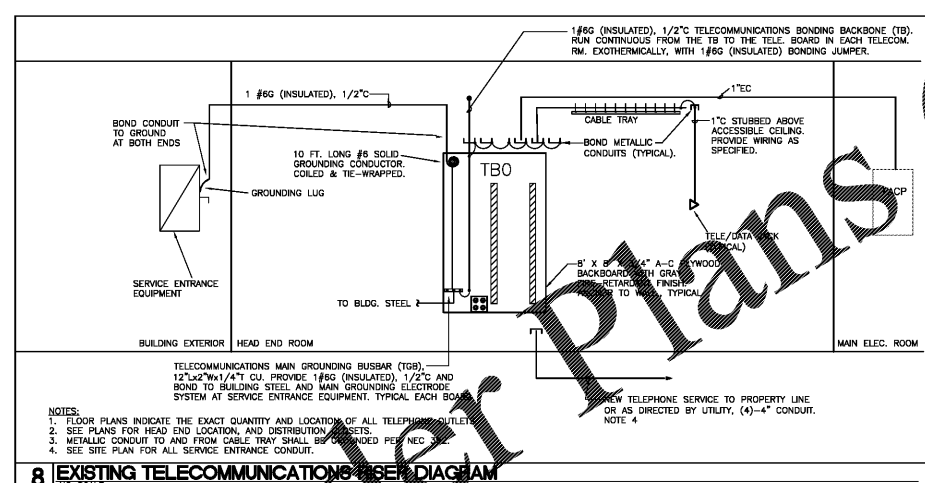


7 WORKING CLEARANCE FOR ELECTRICAL EQUIPMENT
NO SCALE

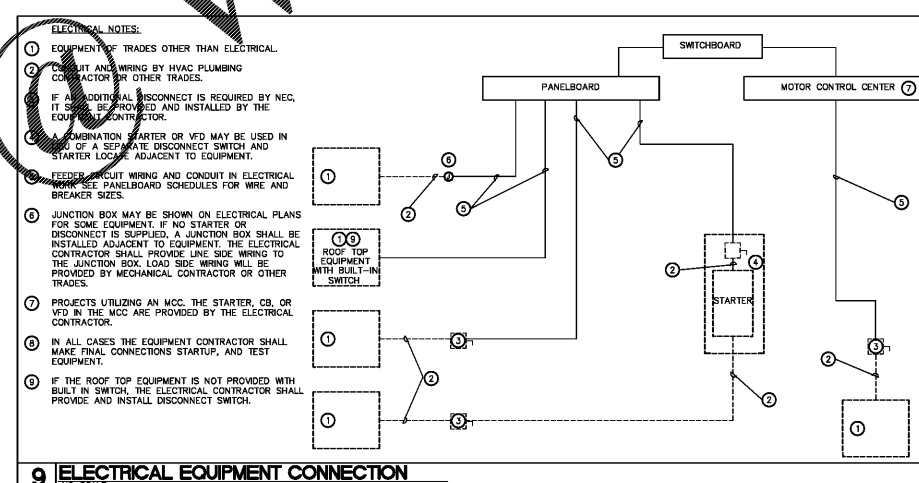
VOLTAGE TO GROUND NOMINAL	MINIMUM CLEAR DISTANCE (FEET)			
	CONDUIT	1	2	3
0 - 150		3	3	3
151 - 600		3	3 1/2	4

WHERE THE "CONDITIONS" ARE AS FOLLOWS:

- EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDING PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300V SHALL USE BE CONSIDERED LIVE PARTS.
- EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDING PARTS ON THE OTHER SIDE.
- EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.



8 EXISTING TELECOMMUNICATIONS USER DIAGRAM
NO SCALE



9 ELECTRICAL EQUIPMENT CONNECTION
NO SCALE

Order Plans