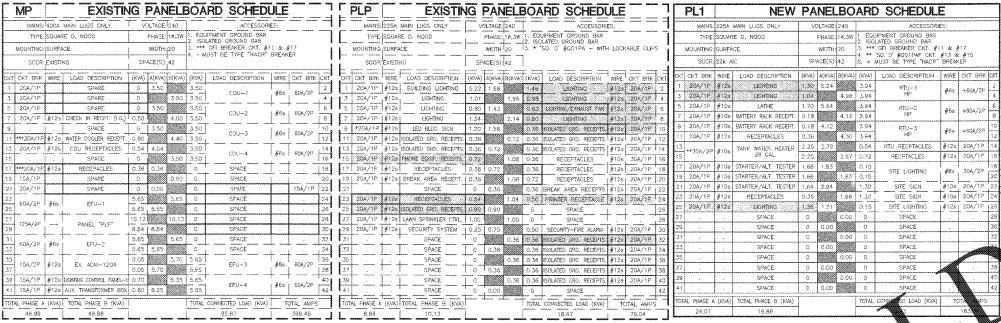
GRAYBAR OREILLY TEAM TOU FREE: (314) 523-208



E	TRANSFER SWITCH SCHEDULE				E	TRANSFER SWITCH SCHEDULE				
POSITION	CIRCUIT BREAKER	LOAD DESCRIPTION	(KVA)	BREAKER	POSITION	CIRCUIT BREAKER	LOAD DESCRIPTION	(KVA)	BREAKE	
A	20A/1P	PRINTER	0.50	PLP24	A	20A/1P	INSTALLER (IGOLATED GRO RECEPTAGLE)	0,90	PLF-2	
В	20A/1P	TELEPHONE EQUIPMENT RECEPTAGLE	0.72	PLP-15	В	20A/1F	INSTALLER (RECEPTACLE)	0.72	PLP-2	
C	20A/19	LIGHTING OFFICE/BATHROOMS (100% ON)	0.63	PLP-6	C	20A/1P	LICHTING HAPO PARTS (BBBAID) TO SEK (M)	0.49	PLP-4	
D	20A/1P	LIGHTING SECURITY (100% ON)	0.80	PLP-8	D	20A/1P	LIGHTING HAPO PARTS (DIMNED TO BOX ON)	0.65	PL1-1	
E	20A/1P	LIGHTING HARD FARTS (DIMMED TO 60% ON)	9.80	PL1-25	E	20A/1P	LIGHTING HARD PARTS (DIMMED TO SON ON)	0.82	Pl.1-3	
F	284/1P	LIGHTING HARD PARTS (DIMMED TO BOX ON)	0.88	PLP~2	F	20A/1P	OFFICE COMPUTER	0.38	PLP-1	
G	20A/1P	RECEPTACLES	0.54	PLP-23	G	20A/1P	COUNTER RECEPTACLES	0.36	PLP-3	
H	20A/1P	SPACE	0	-	H	294/3P	ISOLATED ORD PECEPTS	0.90	PLP-2	
	20A/1P	SPACE	0	-		20A/1P	SPARE	0		
J	20A/1P	SPACE	0	-	J	20A/1P	SPARE	0		
GENERATOR (6,000 WATTS) RATED. MAX KVA=5.0 LOAD			4.87	TOTAL	GENERATOR (6,000 WATTS) RATED. MAX KVA≖5.0 LOAD			4.90	TOTAL	

WIRING & LABELING OF EXIT & **EMERGENCY LIGHT CIRCUITS**

SEE DETAIL 1/E1 FOR WIRING OF EXIT & EMERGENCY LIGHTS ON THESE CIRCUITS. ALL EXIT & EMERGENCY LIGHTING CIRCUITS SHALL BE LABELED BY THE CONTRACTOR ON THE "PANEL DIRECTORY", (SPEC: NFPA 70 408.4 & 700.12.

SOTE:
ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDIN.
CONDUCTOR ROUTED WITH THE CIRCUIT CONDUCTORS. THIS I ALL COMPUTES MUST HAVE A GREEN WINE INSTALLED IN THIS SIZED IN ACCORDENACE WITH TASILE 205.122 OF THE N.E.

DOT-MATCH REPRESENTS CIRCUITS THAT ARE ASSOCIATED WITH OPTIONAL	EQUIPMEN		BEL		MA	RT
STANDBY GENERATOR CONTROL.	SEE ELECTRICAL SER	DIA	GRAM		***************************************	
			LA	BELS	A582.5	
	EQUIPMENT	SERVICE DISCONNECT	OPTIONAL STANDBY SOURCE	SERIES RATING	GENERATOR POWER INLET	AVAILABLE FAULT CURRENT
	DISCONNECT	Х	Х			
	MP					
	PLP					
	PL1					
	CENERATOR POWER INLET				X	

ELECTRIC SERVICE RESPONSIBILITIES TILITY CO. CONTRACTOR UTILITY CO. CONTRACT SERVICE LATERAL SERVICE LATERAL RACEW METER BASE METER CT_CABINET H SERVICE RISER @ BUI PAD MOUNT TRANSFORMER

OPTIONAL STANDBY SOURCE LABEL

PERMANENT LABEL SHALL BE 2 \times 3 IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND, LABEL T BE PLACED ON DISCONNECT DOOR.

CAUTION

TWO SOURCES OF SUPPLY

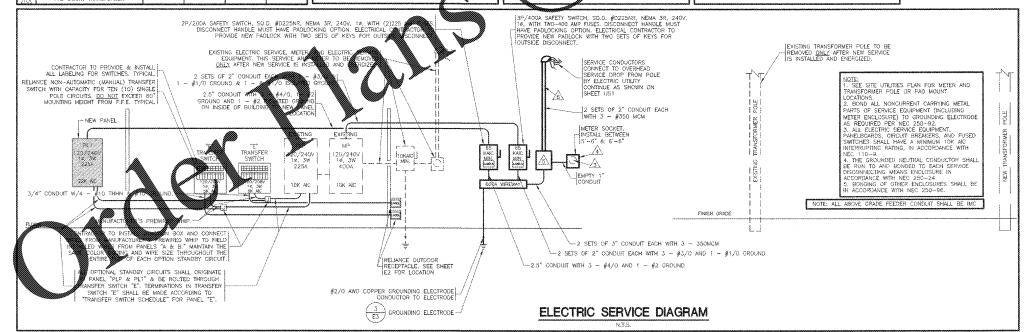
STANDBY POWER SOURCE: PORTABLE 5kw GENERATOR LOCATION: OVERHEAD DOOR.

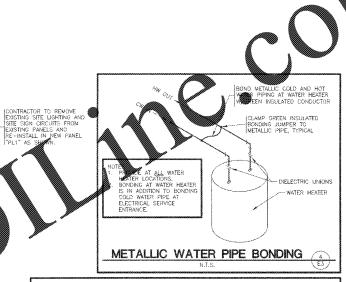
EXAMPLE OF OPTIONAL STANDBY SOURCE LADIA

GENERATOR POWER IN LABEL

NIMABIING BACKGROUS WE GENERATOR RECEP NING: STION OF A RIVED (FLOATING T GENERATOR' 6.000 WAT

SERVICE DISCONNECT LABEL THE SERVICE DISCONNECTING MEANS SHALL BE PROPERLY MARKED SERVICE DISCONNECT". REFER TO SPEC SECTION 26 00 20 FOR FURTHER IDENTIFICATION PLATE REQUIREMENTS.

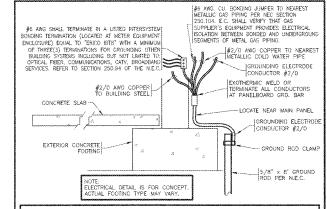




ZIE:
BOND ALL NONCURRENT CARRYING METAL PARTS OF SERVICE EQUIPMENT (INCLUDING METER
ENCLOSURE) TO GROUNDING ELECTRODE AS REQUIRED. PER NEC 250-92.
THE GROUNDED NEUTRAL CONDUCTOR SHALL BE RUN TO AND BONDED TO EACH SERVICE
DISCONNECTING MEANS ENCLOSURE IN ACCORDANCE WITH NEC 250-24c.
SONDING OF OTHER ENCLOSURES SHALL BE IN ACCORDANCE WITH NEC 250-24c.

SERVICE EQUIPMENT GROUNDING & BONDING SHALL BE IN ACCORDANCE WITH: *NEC 250-2*
*NEC 250-28 *%EC 250-53 *NEC 250-66 *NEC 250-90 *NEC 250-92 *NEC 250-

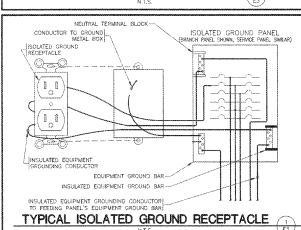
BONDING REQUIREMENTS



NOTE:

ORDUNDING ELECTRODE TEST MEASURE AND RECORD GROUND RESISTANCE FROM SYSTEM MEUTRAL
CONNECTION AT SERVICE ENTRANCE TO CONVENIENT GROUND REFERENCE POINT USING SUITABLE
GROUND TESTING EQUIPMENT, MAXIMUM ACCEPTABLE RESISTANCE: 10 OHMS, WHEN RESISTANCE
EXCEEDS 10 OHMS DRIVE AND BOND (64 COPPER MINIMUM) ANOTHER GROUND ROD, ONE GROUND
RID LENGTH AWAY (MINIMUM 6"-0") AND REPEAT TEST. CONTINUE THIS PROCESS UNTIL RESISTANCE
S BELOW 10 OHMS.

GROUNDING ELECTRODE DETAIL





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CEV NEG 10/12/18 REMINION

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