

ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY). ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR. SEE "ELECTRIC SERVICE RESPONSIBILITIES" FOR ADDITIONAL CLARIFICATION.

GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO. 63146

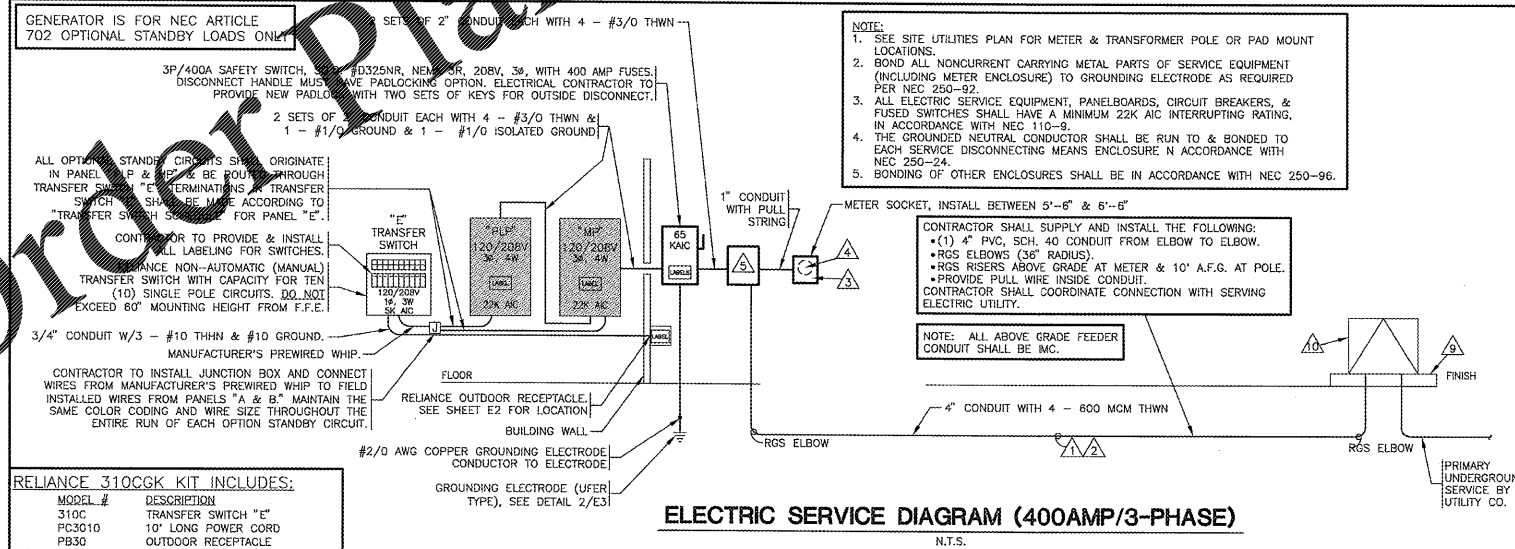
GRAYBAR O'REILLY TEAM EMAIL: oreilly@graybar.com TOLL FREE: (314) 573-2080

PANELBOARD SCHEDULE (MP) table with columns for MP, MAINS, VOLTAGE, PHASE, ACCESSORIES, and a grid of circuit details including CT, CT BRK, WIRE, LOAD DESCRIPTION, and KVA.

PANELBOARD SCHEDULE (PLP) table with columns for PLP, MAINS, VOLTAGE, PHASE, ACCESSORIES, and a grid of circuit details including CT, CT BRK, WIRE, LOAD DESCRIPTION, and KVA.

TRANSFER SWITCH SCHEDULE (E) table with columns for POSITION, CIRCUIT BREAKER, LOAD DESCRIPTION, (KVA), and BREAKER.

ELECTRIC SERVICE RESPONSIBILITIES table with columns for ITEM NO., DESCRIPTION, FURNISHED BY (UTILITY CO., CONTRACTOR), and INSTALLED BY (UTILITY CO., CONTRACTOR).



NOTE: ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE CIRCUIT CONDUCTORS. THIS MEANS ALL CONDUITS MUST HAVE A GREEN WIRE INSTALLED IN THEM AND SIZED IN ACCORDANCE WITH TABLE 250.122 OF THE N.E.C.

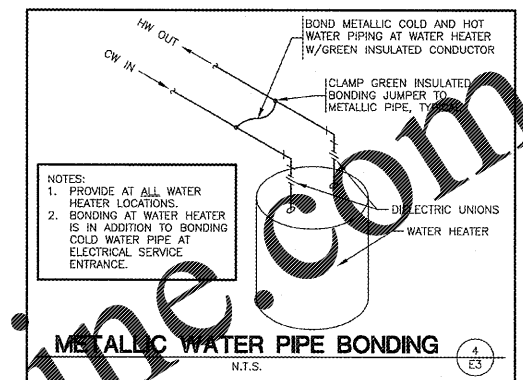
WIRING & LABELING OF EXIT & EMERGENCY LIGHT CIRCUITS. 1. SEE DETAIL 1/E1 FOR WIRING OF EXIT & EMERGENCY LIGHTS ON THESE CIRCUITS. 2. ALL EXIT & EMERGENCY LIGHTING CIRCUITS SHALL BE LABELED BY THE CONTRACTOR ON THE "PANEL DIRECTORY". (SPEC: NEPA 70-408.4 & 700.12)

EQUIPMENT LABELS CHART table with columns for EQUIPMENT, SERVICE DISCONNECT, OPTIONAL STANDBY SOURCE, GENERATOR POWER INLET, SERIES RATING, AVAILABLE FAULT CURRENT.

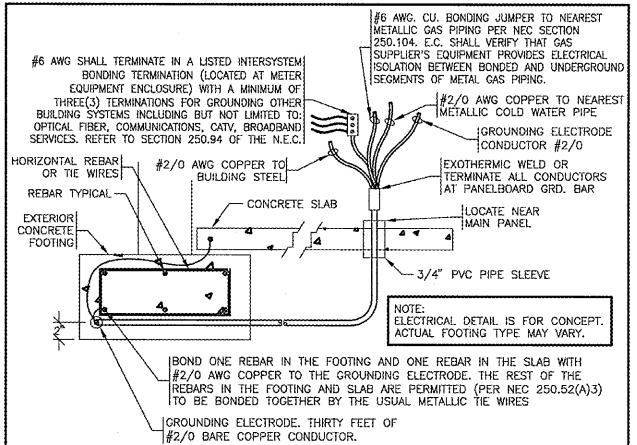
GENERATOR POWER INLET LABEL. PERMANENT LABEL SHALL BE 2 X 3 IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. LABEL TO BE PLACED ON DISCONNECT DOOR.

OPTIONAL STANDBY SOURCE LABEL. PERMANENT LABEL SHALL BE 2 X 3 IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. LABEL TO BE PLACED ON DISCONNECT DOOR.

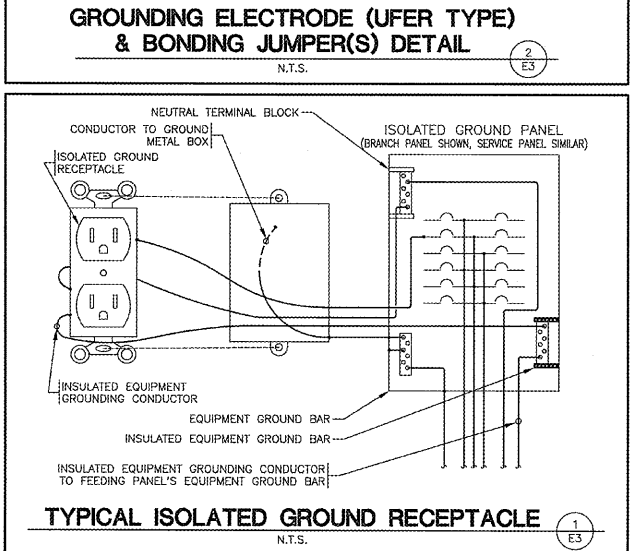
SERVICE DISCONNECT LABEL. THE SERVICE DISCONNECTING MEANS SHALL BE PROPERLY MARKED "SERVICE DISCONNECT". REFER TO SPEC SECTION 26 00 20 FOR FURTHER IDENTIFICATION PLATE REQUIREMENTS.



BONDING REQUIREMENTS. 1. BOND ALL NONCURRENT CARRYING METAL PARTS OF SERVICE EQUIPMENT (INCLUDING METER ENCLOSURE) TO GROUNDING ELECTRODE AS REQUIRED. PER NEC 250-92. 2. THE EXPANDED NEUTRAL CONDUCTOR SHALL BE RUN TO AND BONDED TO EACH SERVICE DISCONNECTING MEANS ENCLOSURE IN ACCORDANCE WITH NEC 250-24c. BONDING OF OTHER ENCLOSURES SHALL BE IN ACCORDANCE WITH NEC 250-96.



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



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PROJECT: NEW O'REILLY AUTO PARTS STORE U.S. HIGHWAY 11 STRASBURG, VA

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COMM # 4253 DATE: 11-2-18 REVISION DATE: