



FIBERGLASS TRANSFORMER PAD AND SECTOR CABINET PAD WITH GROUNDING GRID DETAIL

NOTES:

- PADS ARE FURNISHED BY GREEN MOUNTAIN POWER (GMP) INSTALLED BY CONTRACTOR AND INSTALLED PER GMP STANDARDS.
- SET FIBERGLASS PAD TO PROVIDE ADEQUATE DRAINAGE AWAY FROM PAD. LOCATE THE FIBERGLASS PAD SO THAT IT SHALL BE ACCESSIBLE BY TRUCK.
- THE TRANSFORMER MUST BE SECURED TO ITS PAD BY USING 2-3/8" BOLTS WITH APPROPRIATE WASHERS.
- INSTALL 3" CLEAN SAND IN BOTTOM OF BOX PAD.
- INSTALL DIMENSIONS MAY VARY WITH MANUFACTURER.
- ELBOW MUST BE ALIGNED TO ALLOW STRAIGHT PULL THROUGH BOX PAD OPENING.
- A 90° ELBOW IS TYPICAL, HOWEVER, CONDITIONS MAY REQUIRE THAT A 45° ELBOW BE SPECIFIED BY ENGINEERING.
- PROVIDE SUFFICIENT CLEARANCE SO BOX PAD DOES NOT CONTACT ELBOW.
- CONDUIT END TO BE SEALED, WITH APPROVED DUCT SEAL, AFTER CABLES ARE INSTALLED.
- STEEL CONDUIT SHALL EXTEND AT LEAST 6 FEET FROM BOX PAD.
- EXPOSED STEEL CONDUIT TO BE BONDED TO GROUND GRID.
- FIBERGLASS PAD SHALL BE PROVIDED BY UTILITY (GMP) AND INSTALLED BY CONTRACTOR. ALL WORK REQUIRED TO INSTALL FIBERGLASS PAD, GROUNDING RING, AND ALL OTHER APPORTENANCES INCLUDING BUT NOT LIMITED TO EXCAVATION AND BACKFILL, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF ITEM 678.26 JUNCTION BOX (MOD.)
- PLAN VIEW DIMENSIONS ARE FOR TRANSFORMER PAD. VERIFY DIMENSIONS FOR SECTOR CABINET PAD.

ITEM	MATERIAL
C40	PVC CONDUIT (SCH. 40)
FA	FEMALE ADAPTER
SE	STEEL ELBOW (STD. RADIUS)
CN	CHASE NIPPLE
SC	STEEL CONDUIT
BL	BONDING LOCKNUT

GENERAL ELECTRICAL NOTES

- THE SCOPE OF WORK IS TO PROVIDE ALL LABOR, MATERIALS, SERVICES, SUPPLIES, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES NECESSARY TO FURNISH AND INSTALL COMPLETE ELECTRICAL WORK AS CALLED FOR ON THE DRAWINGS, SPECIFIED, OR AS MAY REASONABLY BE IMPLIED AS BEING INCIDENTAL TO THIS WORK.
- SECURE AND PAY COSTS OF PERMITS, CERTIFICATES, LICENSES, INSPECTIONS, AND APPROVALS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF WORK. BASIC DESIGN CONCEPTS INDICATED ARE TO BE EITHER FOLLOWED OR BETTERED. WORK IS INTENDED TO INCLUDE ITEMS NECESSARY FOR PROPER OPERATION AND COMPLETION. FIELD VERIFY ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS.
- EXECUTE ALL WORK IN A NEAT AND WORKMANLIKE MANNER IN CONFORMANCE WITH BEST MODERN TRADE PRACTICE, BY COMPETENT, EXPERIENCED MECHANICS, PRESENTING A NEAT APPEARANCE WHEN COMPLETED. REPLACE WORK NOT APPROVED BY OWNER WITHOUT ADDITIONAL CHARGE.
- ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, AND ALL CODES, REGULATIONS AND REQUIREMENTS OF ALL MUNICIPAL, STATE, FEDERAL AND OTHER PUBLIC OR PRIVATE AUTHORITIES WHICH HAVE JURISDICTION. IN EACH CASE, CODES ARE MINIMUM REQUIREMENTS.
- SHOP DRAWINGS: SUBMIT COMPLETE CATALOG INFORMATION FOR ALL MATERIALS AND EQUIPMENT TO BE PURCHASED AND USED ON THIS PROJECT, AS SPECIFIED BY THE DRAWINGS. DO NOT INSTALL MATERIALS OR EQUIPMENT WITHOUT APPROVAL BY THE OWNER. UNAPPROVED MATERIAL ALREADY INSTALLED SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT WITH APPROVED MATERIALS AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT APPROVED SUBSTITUTE ITEMS WILL FIT INTO AVAILABLE SPACES AND FOR ANY EXTRA CHARGES BY OTHER TRADES.
- AS THERE MAY BE VARIOUS CONDITIONS AT THE SITE WHICH DO NOT SHOW ON THE ACCOMPANYING DRAWINGS, OR WHICH ARE AT VARIANCE WITH THE CONDITIONS INDICATED ON THE DRAWINGS, IT IS IMPORTANT THAT EACH BIDDER VISIT THE SITE AND ACQUAINT THEIRSELF WITH EXISTING CONDITIONS AND TAKE THESE CONDITIONS INTO CONSIDERATION WHEN PREPARING THEIR BID. EACH BIDDER SHALL OBTAIN INFORMATION OR MAKE ANY MEASUREMENT DESIRED. LACK OF KNOWLEDGE RELATIVE TO EXISTING SITE CONDITIONS WILL NOT BE ALLOWED AS A BASIS FOR EXTRA COMPENSATION.
- THE FINISHED INSTALLATION SHALL BE COMPLETE IN EVERY RESPECT AND DETAIL, TESTED AND LEFT READY IN PERFECT OPERATING CONDITION FOR THE OWNER'S USE.
- MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS' LABORATORIES AND SHALL BE INSTALLED IN ACCORDANCE WITH SUCH LISTINGS.
- INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR TO CONTACT DIGSAFE IN VERMONT PRIOR TO COMMENCING WORK.
- CONTRACTOR TO CONTACT UTILITY COMPANY FOR COORDINATION OF NEW ELECTRICAL SERVICE.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES FOR INSTALLATION REQUIREMENTS OF ALL SERVICE INFRASTRUCTURES, INCLUDING ELECTRICAL, TELEPHONE & CATV
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND INCLUDING ALL UTILITY COSTS.

DIG SAFE NOTE:

UTILITIES ARE PLOTTED FROM FIELD LOCATIONS AND ANY RECORD INFORMATION AVAILABLE, AND SHOULD BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT EVIDENT OR FOR WHICH RECORD INFORMATION WAS NOT AVAILABLE. CONTRACTORS MUST CONTACT ALL UTILITY COMPANIES BEFORE EXCAVATING AND DRILLING. ALSO, CALL "DIG SAFE" AT 1 (888) 344-7233 [1 (888) DIG-SAFE].

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