

GENERAL REQUIREMENTS FOR PROVISION OF UTILITIES AND METERING OF  
UTILITIES AT VENDOR, AAFES, CONTRACTOR LAYDOWN AREAS AS WELL AS  
OTHER REIMBURSABLE CUSTOMER AND TEMPORARY AREAS

REQUIREMENTS

(a) Work will be performed only after an approved form 4283 has been returned to the requestor as well as completed requests for utilities from the appropriate Utility Provider.

(b) In existing Facilities on JBLM, any utilities to be consumed by Reimbursable Customers shall be metered. Electrical Metering shall be accomplished by means of the installation of an electrical panel dedicated to the Reimbursable Customers entire electrical load. This dedicated panel as well as any metering devices will be installed at the Reimbursable Customers cost. This dedicated panel shall be fed from the building MDP or nearest available electrical panel or disconnect that has sufficient capacity to support the Reimbursable Customers entire electrical load. The circuit feeding this dedicated panel shall be metered IAW JBLM Advanced Metering Specifications. All electrical circuits within the room or space occupied by the Reimbursable Customer and utilized by the Reimbursable Customer shall originate from the dedicated electrical panel. Any existing receptacle or lighting control device that cannot be isolated or that feed through the space occupied by the Reimbursable Customer shall be rendered inaccessible by means of removing the device, such as a receptacle or light switch and placing a blank cover over the device box. Currently installed lighting may be used by the Reimbursable Customer, but it must be fed from the Customers dedicated panel.

Potable Water consumed by the Reimbursable Customer shall be isolated and metered IAW JBLM Advanced Metering Specifications. Connection to the Facility potable water system shall be through an approved, tested and certified backflow prevention device as determined by American Water.

Natural Gas consumed by the Reimbursable Customer shall be isolated and metered IAW JBLM Advanced Metering Specifications.

Sewer System costs shall be billed by means of an applied coefficient.

All work will be accomplished IAW NFPA 70, NESC C2, UFC and all other applicable Codes, Specifications and Standards.

(c) On sites where no Electrical Service exists, An Electrical Service Request form must be submitted to City Light and Power in addition to having an approved Form 4283

(1) A supporting framework for panels, disconnects, intersystems bonding points, electrical meters, communications junctions will be constructed of 1 5/8" X1 5/8" galvanized steel unistrut channel. Crossbars, lateral supports etc. will be constructed of 1 5/8" X1 5/8" galvanized steel unistrut channel. Use of wood as a supporting or bracing medium is not authorized.

Vertical supports will be encased in concrete to a depth of 3' in exposed, soil/grass/gravel/paved areas. Concrete encasement will be of a minimum 8-inch diameter. In the case of mounting to existing concrete surfaces, fastening devices rated for this purpose and load will be used.

(2) All hardware will be rated for exterior use.

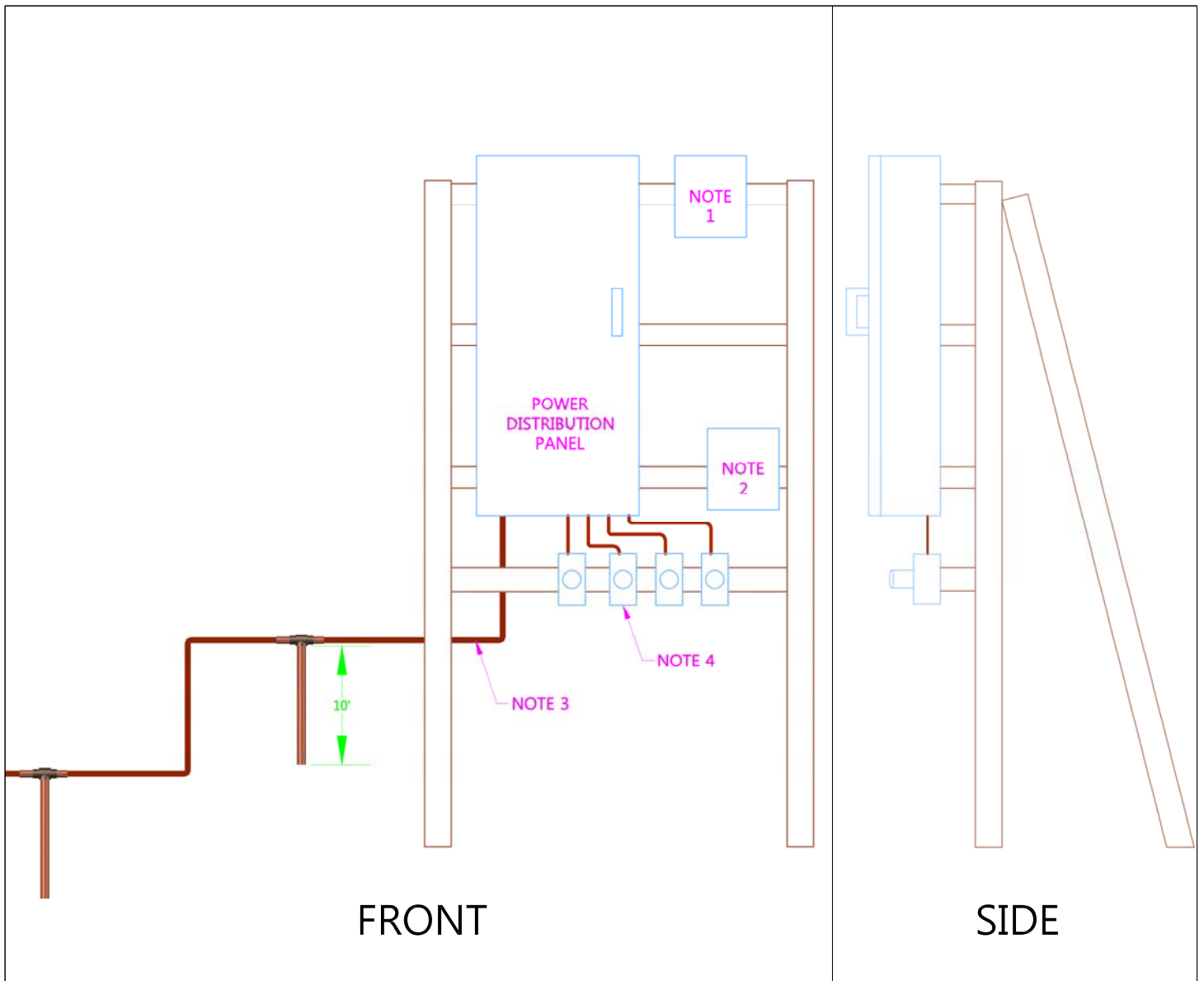
(3) All enclosures and panels will be NEMA 3R rated.

(4) An intersystems bonding point will be provided at each power stand.

- (5) Metering is required to conform to JBLM metering standards. Analog and non networkable meters are not authorized. Gas meters will have a compatible pulse kit installed. Water meters will have a compatible pulse kit installed.
- (6) Per Specification Section drawing 33 71 01, 4-50 amp twistlock receptacles will be installed for connection of load. Any load larger than 50 amps may be connected directly to circuit breaker panel but does not preclude the installation of the 50 amp twistlock receptacles.
- (7) Grounding/bonding will be accomplished IAW NFPA 70. Exothermic welding or irreversible crimp type connections are to be used.
- (8) All work will be accomplished IAW NFPA 70, NESC C2, UFC and all other applicable Codes, Specifications and Standards.
- (9) No service equipment will be energized until it has been inspected and approved by JBLM DPW Utilities Branch Electrical Inspectors.
- (10) Connection to the JBLM potable water system shall be through an approved, tested and certified backflow prevention device as determined by American Water.
- (11) Connection to the JBLM Sanitary Sewer System shall be through an approved and rated fitting or device as determined by American Water. Removal of a sewer manhole cover for purposes of waste disposal is not authorized.

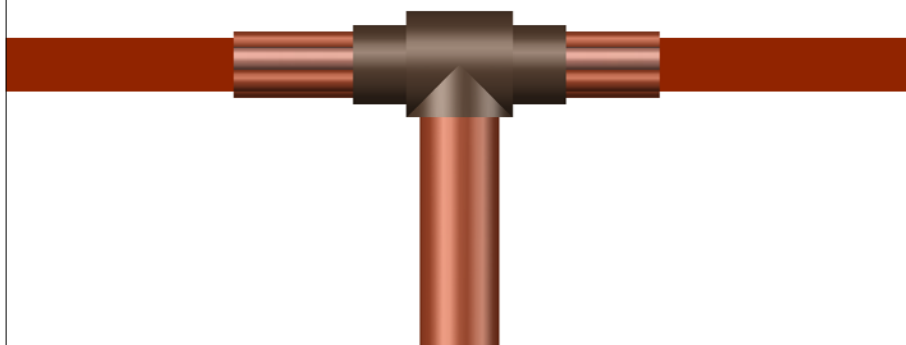
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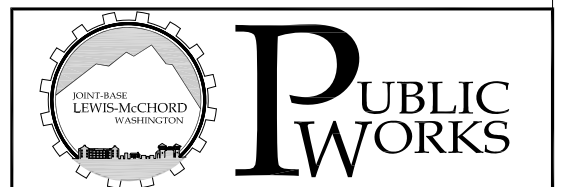


NOTES:

1. ELECTRONIC METER  
IAW JBLM METERING STANDARD
2. INTERSYSTEMS BONDING PANEL
3. CONDUCTORS PROTECTED BY  $\frac{3}{4}$ " SCHEDULE 80 PVC CONDUIT
4. 50 AMP 120/240 4 WIRE TWISTLOCK WEATHERPROOF RECEPTICLES 4 EACH



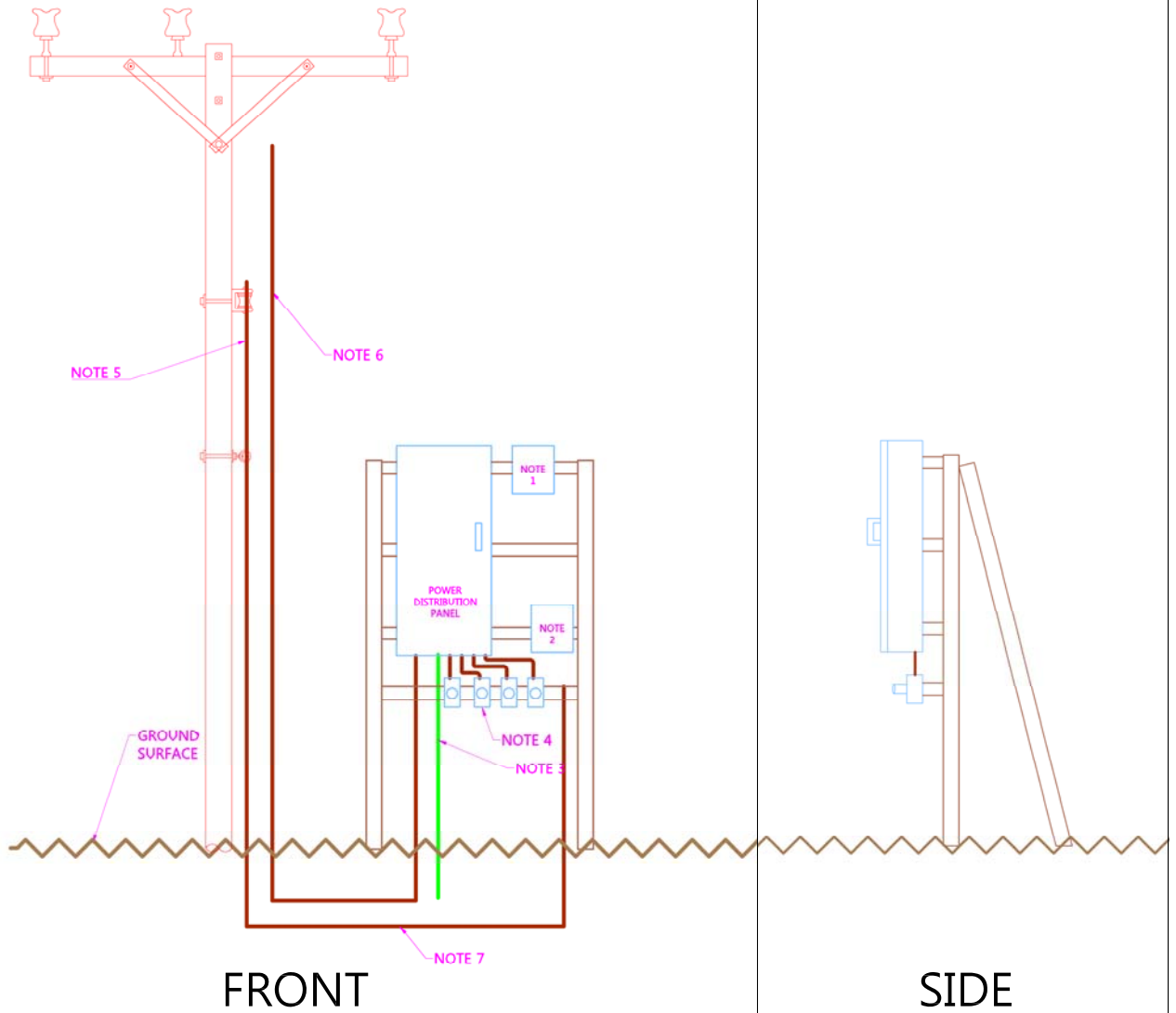
DETAIL OF GROUND ROD



STANDARD DETAILS

DRAWING TITLE: VENDOR/TEMPORARY DISTRIBUTION POWER STAND	
DATE: JUNE, 2013	SCALE: NONE
PLATE NO.: 33 71 01-E1	SPEC. SECT. <u>33 71 01</u> PAGE <u>1 of 3</u>

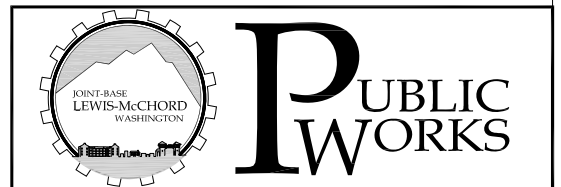
SYMBOL	REVISION	DATE	APPROVAL



## UNDERGROUND CONNECTION

### NOTES:

1. ELECTRONIC METER  
IAW JBLM METERING STANDARD
2. INTERSYSTEMS BONDING PANEL
3. CONDUCTORS PROTECTED BY  $\frac{3}{4}$ "  
SCHEDULE 80 PVC CONDUIT
4. 50 AMP 120/240 4 WIRE TWISTLOCK  
WEATHERPROOF RECEPTICLES 4 EACH
5. 2" PVC SCH 40 CONDUIT FOR  
COMMUNICATION CONDUCTORS
6. SCH 40 CONDUIT FOR ELECTRICAL  
SERVICE CONDUCTORS SIZED IAW  
NFPA 70
7. CONDUIT DEPTH MINIMUM OF 36"  
FROM TOP OF UPPERMOST  
CONDUIT
8. ALL UNDERGROUND SWEEPS AS WELL AS ALL  
CONDUIT PROTRUDING FROM GROUND TO A  
MINIMUM HEIGHT OF THE FIRST 8 FEET SHALL  
BE RIGID GALVANIZED STEEL.



### STANDARD DETAILS

DRAWING TITLE: VENDOR/TEMPORARY DISTRIBUTION POWER STAND

DATE: JUNE, 2013 SCALE: NONE

PLATE NO.: 33 71 01-E2 SPEC. SECT. 33 71 01 PAGE 2 of 3

SYMBOL	REVISION	DATE	APPROVAL