

1. HEIGHT OF METER 5'6" AND NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METER BASE FURNISHED AND INSTALL BY THE CONTRACTOR. (A MANUAL BYPASS IS REQUIRED ON 3 PHASE)
3. MINIMUM SIZE SERVICE WIRE PROVIDED BY CONTRACTOR.
 100 AMP 1/0 URD
 125 AMP 1/0 URD
 150 AMP 2/0 URD
 200 AMP 4/0 URD
 OXIDE INHIBITING COMPOUND SHALL BE USED ON ALL ALUMINUM CONNECTIONS.
4. CONDUIT TO BE RIGID METALLIC OR IMC FROM GROUND TO METER BASE, (MIN 2") FURNISHED AND INSTALLED BY CONTRACTOR.
5. CONDUIT FROM BUILDING TO CONNECTION POINT WILL BE GRAY PVC-SCH. 40 OR EQUAL, FURNISHED AND INSTALLED BY THE CONTRACTOR CONDUIT WILL COMPLY WITH THE NATIONAL ELECTRIC CODE.
6. A 36" SWEEP 90 ELBOW BELOW METER BASE WILL BE RIGID OR IMC.
 B 36" SWEEP 90 ELBOW AT SECONDARY CONNECTION BOX WILL BE SCH 40 PVC.
7. PAYSON CITY POWER WILL FURNISH AND INSTALL METERS.
8. CONDUIT SIZES: (MINIMUM)
 2" - conduit for 100 amp service.
 2" - conduit for 200 amp service.
 3" - conduit for 3 phase, 200 amp service.
9. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. (10 MILL. PVC PIPE WRAP)
10. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB. A BOLT ON HUB SHALL BE USED AT THE METER BASE AND A PVC FEMALE ADAPTOR SHALL BE USED TO TRANSITION TO METAL CONDUIT.

NOTE:

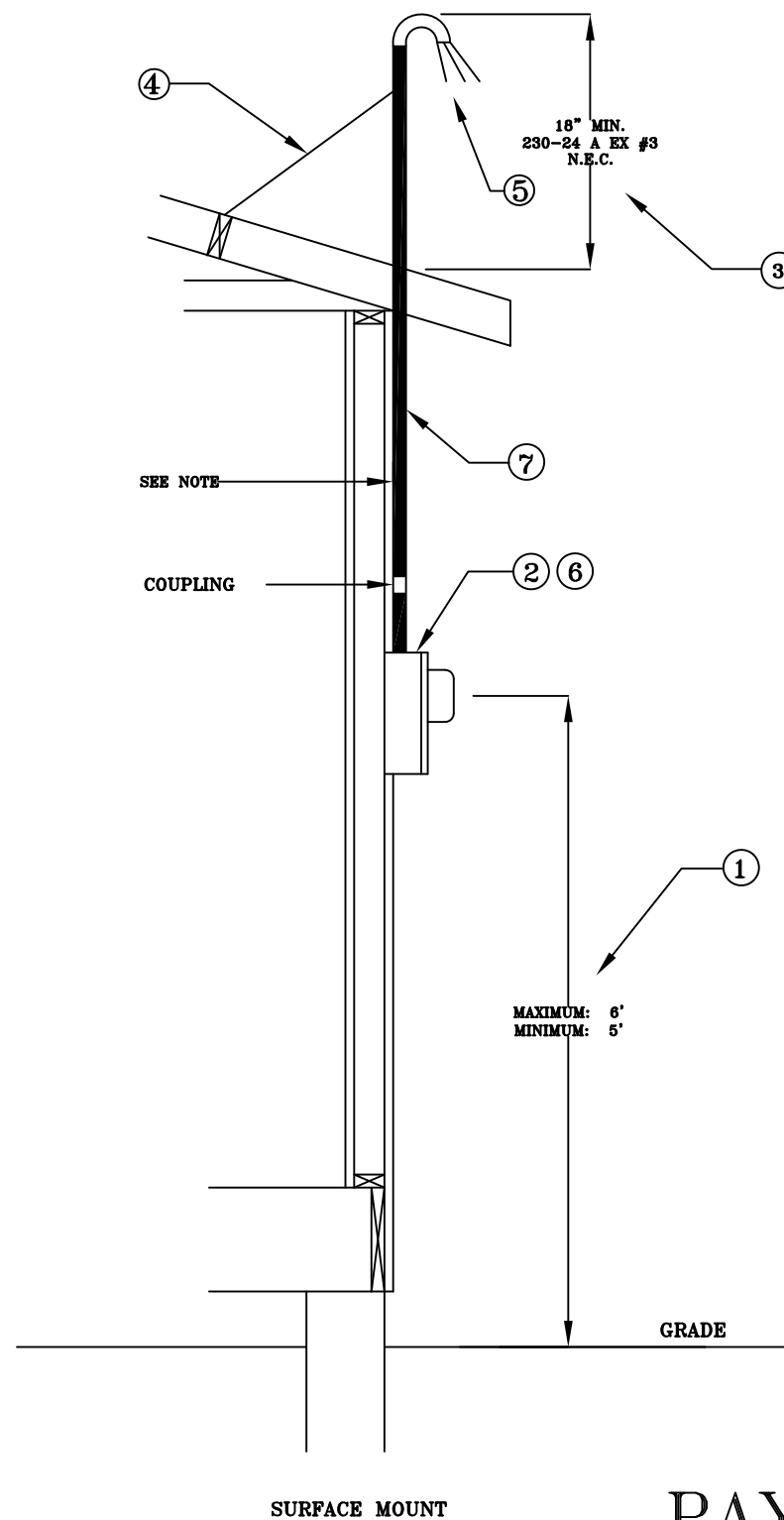
1. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT OR IMC.
2. MINIMUM DEPTH OF SERVICE TRENCH TO BE 24".
3. FOR PURPOSE OF GROUNDING A MINIMUM OF #2 BARE STRANDED COPPER TO BE TO BE INSTALLED WITH A MINIMUM OF 20' BURIED IN TRENCH METER BASE SHALL ALSO BE TIED TO UFER IN FOUNDATION. GROUNDING TO MEET NEC.
4. PVC TAPE WRAP ON ALL METAL PIPE BELOW CLAMP, CONTINUOUS BELOW GRADE TO PVC PIPE.

SURFACE MOUNT

PAYSON CITY CORPORATION
ELECTRIC DEPARTMENT

SPECIFICATIONS FOR UNDERGROUND SERVICES 200 AMPS MAX
(SINGLE PHASE AND THREE PHASE)

DRAWING NO. 02-50-0001



1. HEIGHT OF METER 5'6" AND NOT TO EXCEED 6', AND NOT LOWER THAN 5'.

2. METER BASE FURNISHED AND INSTALL BY THE CONTRACTOR. (A MANUAL BYPASS IS REQUIRED ON 3 PHASE)

3. STANDPIPE SHALL BE A MINIMUM 2" RIGID METALLIC, OR IMC AND EXTEND ABOVE ROOF A MINIMUM OF 18" AS OF NEC 230-24.

4. BRIDAL GUY TO BE INSTALLED IF NECESSARY.

5. CONDUCTORS FURNISHED AND INSTALLED BY CONTRACTOR TO EXTEND 18" FROM THE WEATHER HEAD AND SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE.

100 AMP 1/0 URD

125 AMP 1/0 URD

150 AMP 2/0 URD

200 AMP 4/0 URD

OXIDE INHIBITING COMPOUND SHALL BE USED ON ALL ALUMINUM CONNECTIONS.

6. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB.

7. CONDUIT SIZES: (MINIMUM)

2" - conduit for 100 AMP service

2" - conduit for 150 AMP service

2" - conduit for 200 AMP service

NOTE:

1. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT OR IMC.

2. NO COUPLING WITHIN 10' OF WEATHER HEAD.

3. (2) 5/8" x 8' COPPER CLAD GROUND RODS SPACED 8' APART SHALL BE USED WITH A MINIMUM OF #6 COPPER CONNECTING TO THE METER BASE. METER BASE TO BE TIED TO UFER WHERE APPLICABLE.

PAYSON CITY CORPORATION

ELECTRIC DEPARTMENT

SPECIFICATIONS FOR OVERHEAD SERVICES 200 AMPS MAX
(SINGLE PHASE AND THREE PHASE)

DRAWING NO. 02-50-0002