



NOTES:

1. ALL MATERIALS TO BE SUPPLIED BY CUSTOMER EXCEPT METER.
2. 400 AMP SERVICES REQUIRE SPECIAL CARE IN DESIGN & CONSTRUCTION. REQUIREMENTS MAY INCLUDE, BUT ARE NOT LIMITED TO, INSTALLING LARGER TRANSFORMERS, JUNCTION BOXES, CONDUITS, & WIRING TO SERVE THE END CUSTOMER. CONTACT THE ELECTRIC DEPARTMENT FOR APPROVAL OF SERVICE.
3. A 400 AMP NON-FUSED UTILITY DISCONNECT SWITCH SHALL BE INSTALLED AHEAD OF THE 400 AMP METER/MAIN SERVICE DISCONNECT. THE UTILITY DISCONNECT SWITCH SHALL HAVE A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE SHORT-CIRCUIT CURRENT RATING OF THE SERVICE DISCONNECTING MEANS.
4. A MINIMUM 3" DIAMETER CONDUIT IS REQUIRED FOR 400 AMP SERVICES. EXISTING SERVICE LATERAL CONDUIT MAY NOT BE LARGE ENOUGH FOR A 400 AMP SERVICE. NEW SERVICE CONDUIT MAY NEED TO BE INSTALLED TO EXISTING TRANSFORMER OR JUNCTION BOX. CONTACT ELECTRIC DEPARTMENT FOR REQUIREMENTS.
5. SERVICE CONDUCTORS SHALL MEET CURRENT NATIONAL ELECTRIC CODE.
6. BONDING & GROUNDING SHALL MEET CURRENT NEC & ELECTRIC DEPARTMENT REQUIREMENTS. A 5/8"X8' GROUND ROD SHALL BE INSTALLED FOR ALL SERVICES IN ADDITION TO OTHER NED CODE REQUIREMENTS.
7. ADDRESS MUST BE POSTED ON PROPERTY DURING ALL PHASES OF CONSTRUCTION.
8. ENOUGH WIRE SHALL BE PROVIDED TO EXTEND A MINIMUM OF 3' PAST THE TRANSFORMER OR SECONDARY PEDESTAL GROUND SLEEVE.
9. ALL RIGID METAL CONDUITS SHALL BE TAPED WITH ANTI-CORROSION TAPE. TAPE SHALL EXTEND 6" ABOVE FINISHED GRADE.
10. METERBASE/DISCONNECT SHALL BE LOCATED ON THE FRONT 6' OF THE SIDE OF THE HOUSE.
11. METER HEIGHT SHALL BE NO LESS THAN 4'6" AND NO HIGHER THAN 6' TO CENTER OF SOCKET FROM FINISHED GRADE.

SPANISH FORK CITY
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 SPANISH FORK, UT 84660
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STANDARD DRAWING

RESIDENTIAL UNDERGROUND SERVICE 400 AMPS

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|---------|---------|----------------|
| DRAWN: | JLR | SCALE: NONE |
| DESIGN: | CJP | |
| CHECK: | CMT | STANDARD 80 |
| DATE: | 6/22/16 | |