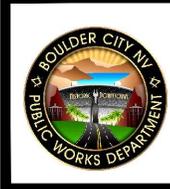


CONTRACTOR TO INSTALL NON-CORROSIVE BLOCKING MATERIAL (I.E. WOOD, PLASTIC, ETC.) TO MAINTAIN A MIN. 1" SPACE BETWEEN THE OVERHEAD POLE AND THE CONDUIT COUPLING

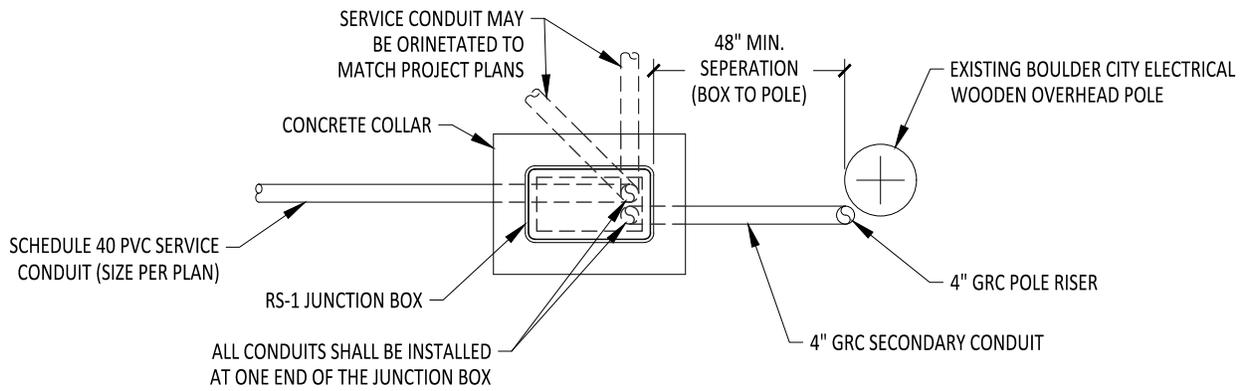


**CITY OF BOULDER CITY, NV**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DIVISION**

STANDARD DRAWING  
 ELECTRICAL INFRASTRUCTURE REQUIREMENTS

**PRIMARY OVERHEAD POLE RISER**

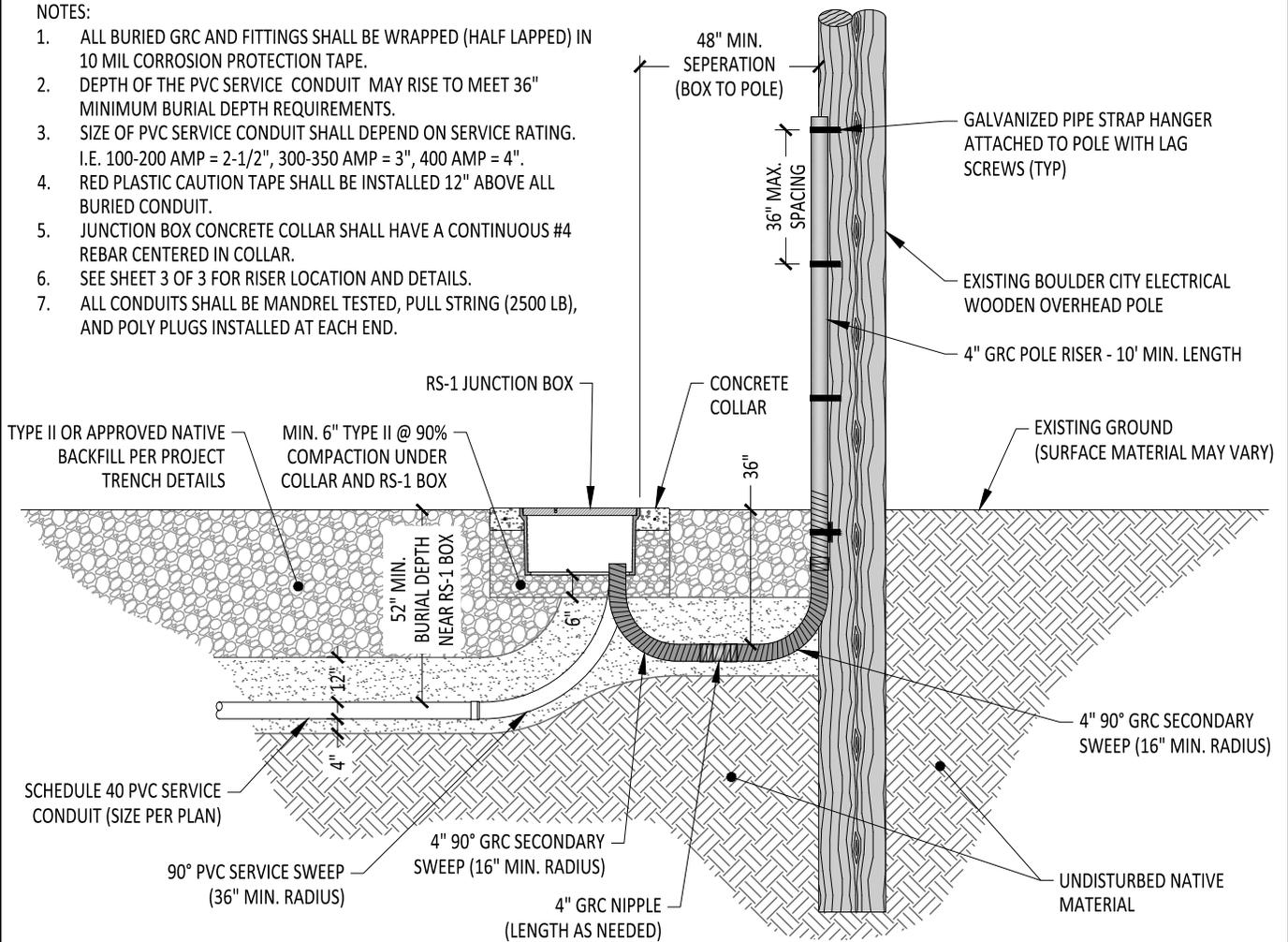
CREATED BY: M. GRIMES  
 ISSUE DATE: 12/11/18  
 FILE NAME: BC-Pole Riser.dwg  
 SHEET: 1 OF 1



PLAN VIEW  
NOT TO SCALE

NOTES:

1. ALL BURIED GRC AND FITTINGS SHALL BE WRAPPED (HALF LAPPED) IN 10 MIL CORROSION PROTECTION TAPE.
2. DEPTH OF THE PVC SERVICE CONDUIT MAY RISE TO MEET 36" MINIMUM BURIAL DEPTH REQUIREMENTS.
3. SIZE OF PVC SERVICE CONDUIT SHALL DEPEND ON SERVICE RATING. I.E. 100-200 AMP = 2-1/2", 300-350 AMP = 3", 400 AMP = 4".
4. RED PLASTIC CAUTION TAPE SHALL BE INSTALLED 12" ABOVE ALL BURIED CONDUIT.
5. JUNCTION BOX CONCRETE COLLAR SHALL HAVE A CONTINUOUS #4 REBAR CENTERED IN COLLAR.
6. SEE SHEET 3 OF 3 FOR RISER LOCATION AND DETAILS.
7. ALL CONDUITS SHALL BE MANDREL TESTED, PULL STRING (2500 LB), AND POLY PLUGS INSTALLED AT EACH END.



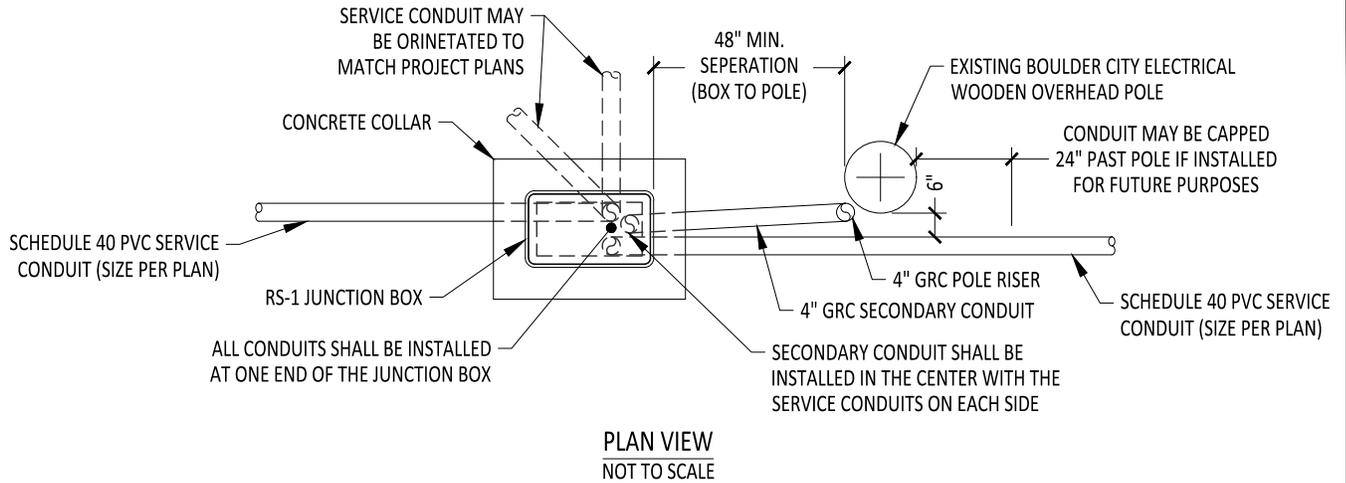
ELEVATION VIEW  
NOT TO SCALE



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DEPARTMENT**  
**ENGINEERING  
DIVISION**

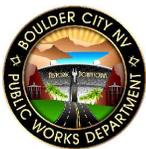
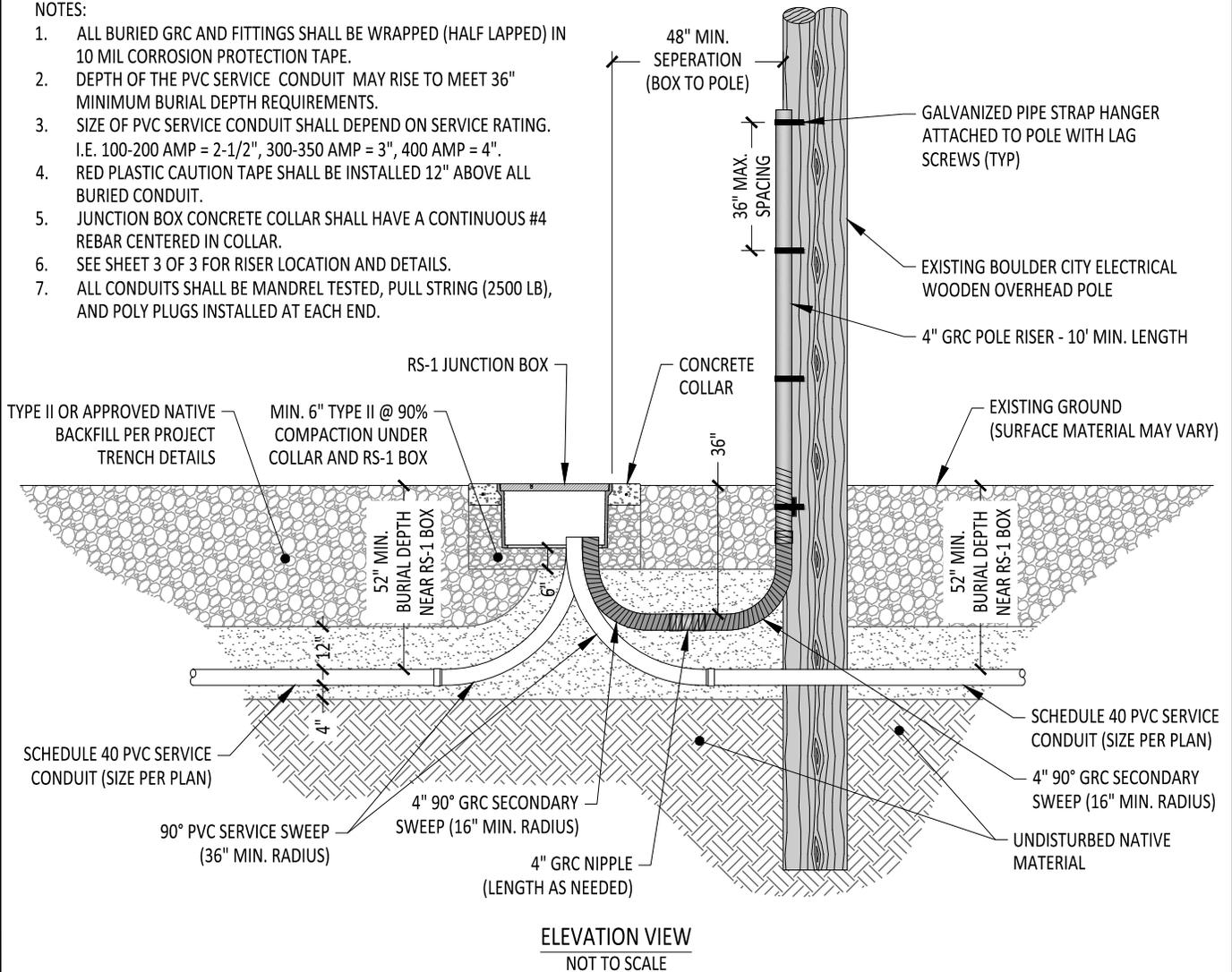
STANDARD DRAWING  
ELECTRICAL INFRASTRUCTURE REQUIREMENTS  
**SECONDARY OVERHEAD POLE RISER  
(SINGLE SERVICE)**

CREATED BY:  
**M. GRIMES**  
ISSUE DATE:  
**12/11/18**  
FILE NAME:  
BC-Pole Riser.dwg  
SHEET:  
**1 OF 3**



NOTES:

1. ALL BURIED GRC AND FITTINGS SHALL BE WRAPPED (HALF LAPPED) IN 10 MIL CORROSION PROTECTION TAPE.
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6. SEE SHEET 3 OF 3 FOR RISER LOCATION AND DETAILS.
7. ALL CONDUITS SHALL BE MANDREL TESTED, PULL STRING (2500 LB), AND POLY PLUGS INSTALLED AT EACH END.



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DEPARTMENT**  
**ENGINEERING  
DIVISION**

STANDARD DRAWING  
ELECTRICAL INFRASTRUCTURE REQUIREMENTS  
**SECONDARY OVERHEAD POLE RISER  
(DUAL SERVICE)**

CREATED BY:  
**M. GRIMES**  
ISSUE DATE:  
**12/11/18**  
FILE NAME:  
BC-Pole Riser.dwg  
SHEET:  
**2 OF 3**

