

**NOTES:**

1. SURROUNDING GRADE TO DRAIN AWAY FROM PULL BOX. A RETAINING WALL IS REQUIRED WHEN GRADE FROM TOP OF PULL BOX RISES OR LOWERS MORE THAN 1' TO 5' HORIZONTALLY.
2. THE TOP OF THE PULL BOX SHALL BE SET TO FINAL GRADE. THE BOTTOM SURFACE OF THE BOX SHALL BE LEVEL.
3. CONDUITS SHALL BE INSTALLED UTILIZING THE TERMINATORS AT THE REAR OF THE PULL BOX. IF CONDUITS ARE SMALLER THAN THE BOX TERMINATORS, A MANUFACTURER'S CONDUIT ADAPTER SHALL BE INSTALLED.
4. CONDUITS SHALL NOT PROTRUDE INTO THE BOX. A PVC BELL END SHALL BE INSTALLED AND GROUTED IN PLACE FLUSH WITH THE INTERIOR WALL SURFACE.
5. GROUND WIRE SHALL BE INSTALLED THROUGH A 1" PVC CONDUIT IN THE STRUCTURE'S END WALLS. GROUNDING SHALL CONSIST OF THE FOLLOWING:
  - A. #2 CONTINUOUS BARE COPPER SEVEN STRAND GROUND.
  - B. AN ADDITIONAL 5' OF GROUND WIRE SHALL BE LEFT IN THE BOX PER GROUND WIRE INSERTION INTO THE BOX.

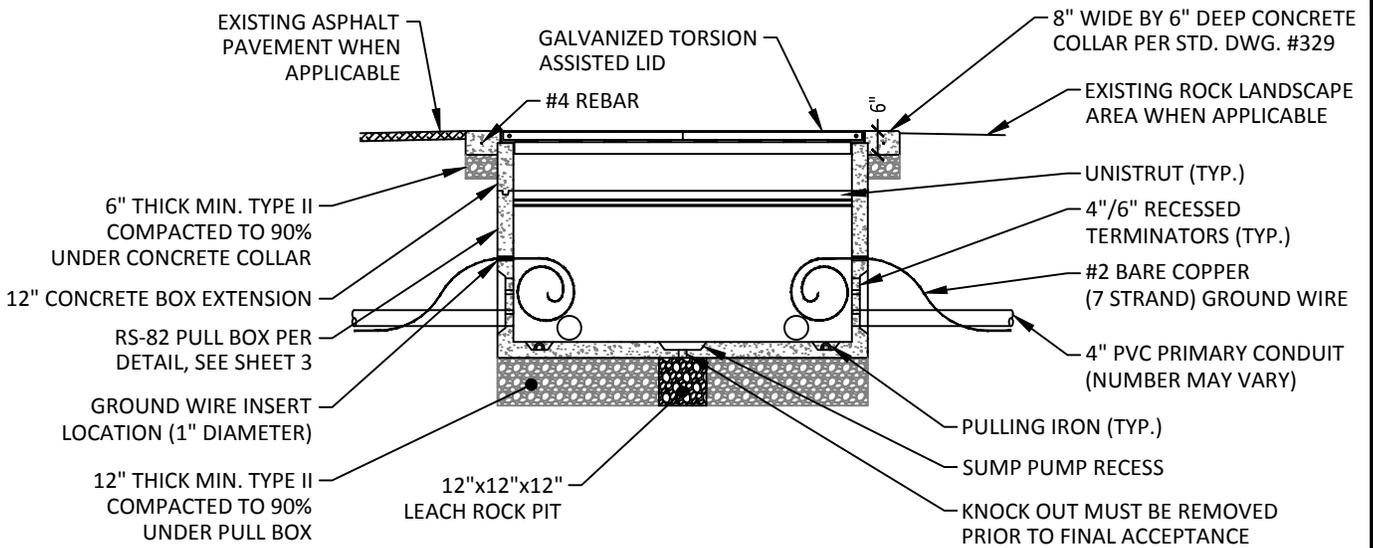


**CITY OF  
BOULDER CITY, NV**  
**PUBLIC WORKS  
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**ENGINEERING  
DIVISION**

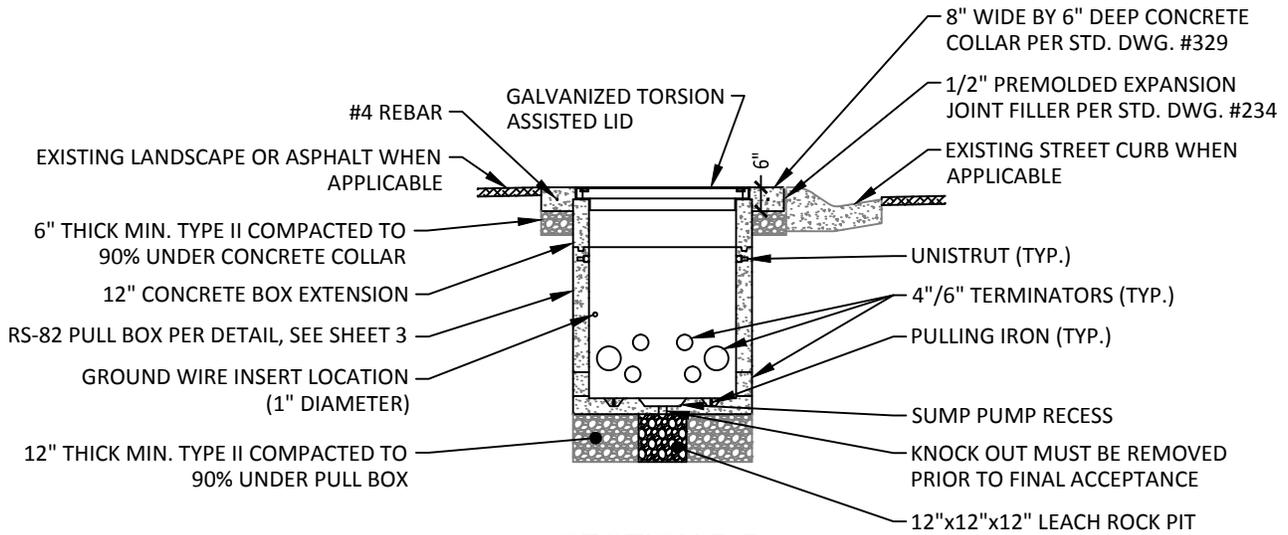
**STANDARD DRAWING  
ELECTRICAL INFRASTRUCTURE REQUIREMENTS**

**RS-82 PULL BOX TYPICAL  
INSTALLATION DETAIL**

CREATED BY:  
**M. GRIMES**  
ISSUE DATE:  
**1/21/15**  
FILE NAME:  
**BC-RS-82.dwg**  
SHEET:  
**1 OF 3**



**SECTION A-A**  
NOT TO SCALE



**SECTION B-B**  
NOT TO SCALE



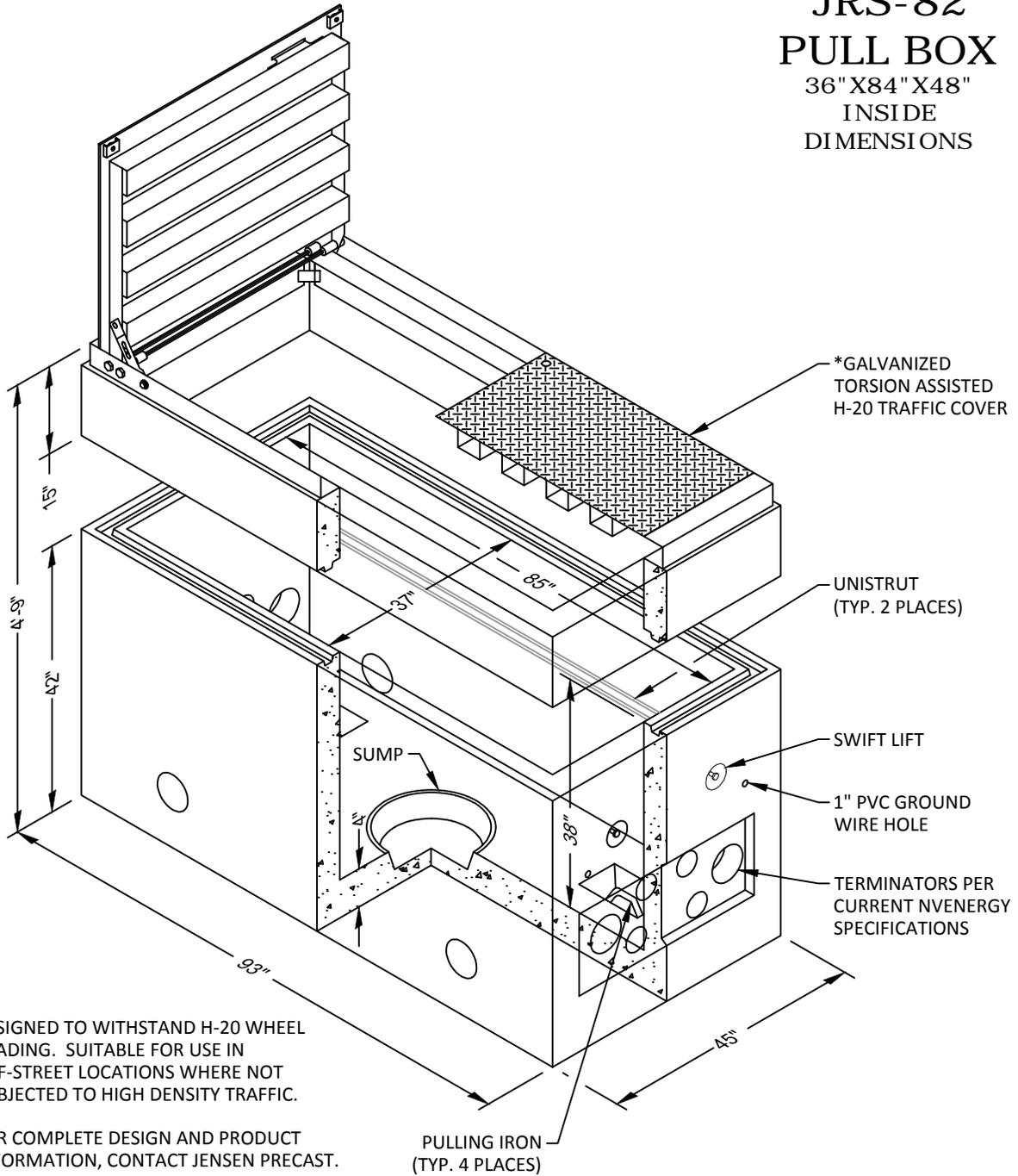
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**JRS-82  
PULL BOX**  
36" X 84" X 48"  
INSIDE  
DIMENSIONS



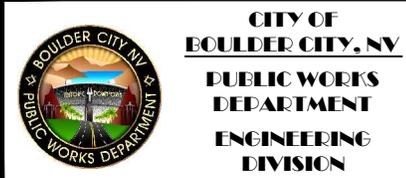
DESIGNED TO WITHSTAND H-20 WHEEL LOADING. SUITABLE FOR USE IN OFF-STREET LOCATIONS WHERE NOT SUBJECTED TO HIGH DENSITY TRAFFIC.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN PRECAST.

CONTRACTOR MAY USE AN ALTERNATE MANUFACTURER'S PULL BOX UPON APPROVAL BY A DESIGNATED CITY REPRESENTATIVE.



**TYPICAL RS-82 PULL BOX**



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