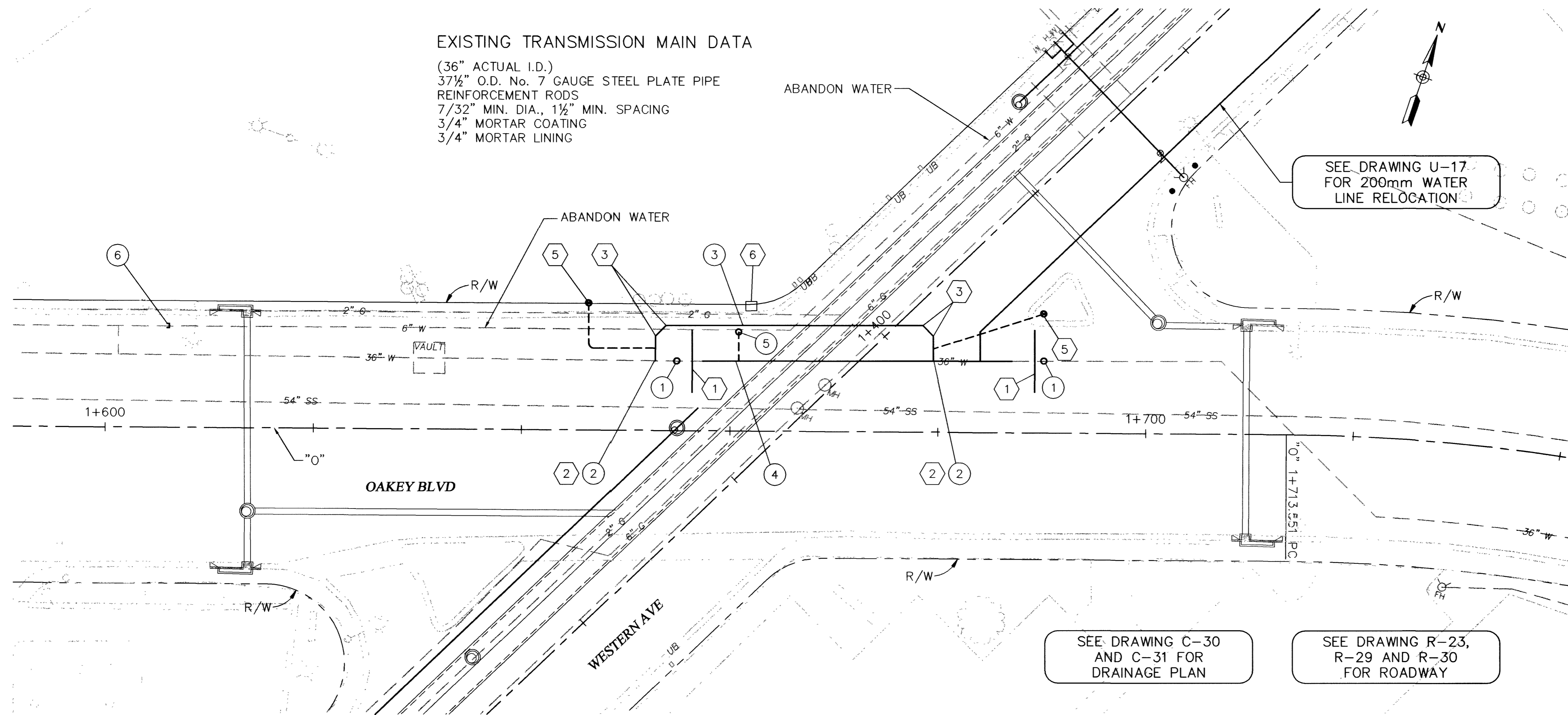


**EXISTING TRANSMISSION MAIN DATA**

(36" ACTUAL I.D.)  
 37½" O.D. No. 7 GAUGE STEEL PLATE PIPE  
 REINFORCEMENT RODS  
 7/32" MIN. DIA., 1½" MIN. SPACING  
 3/4" MORTAR COATING  
 3/4" MORTAR LINING

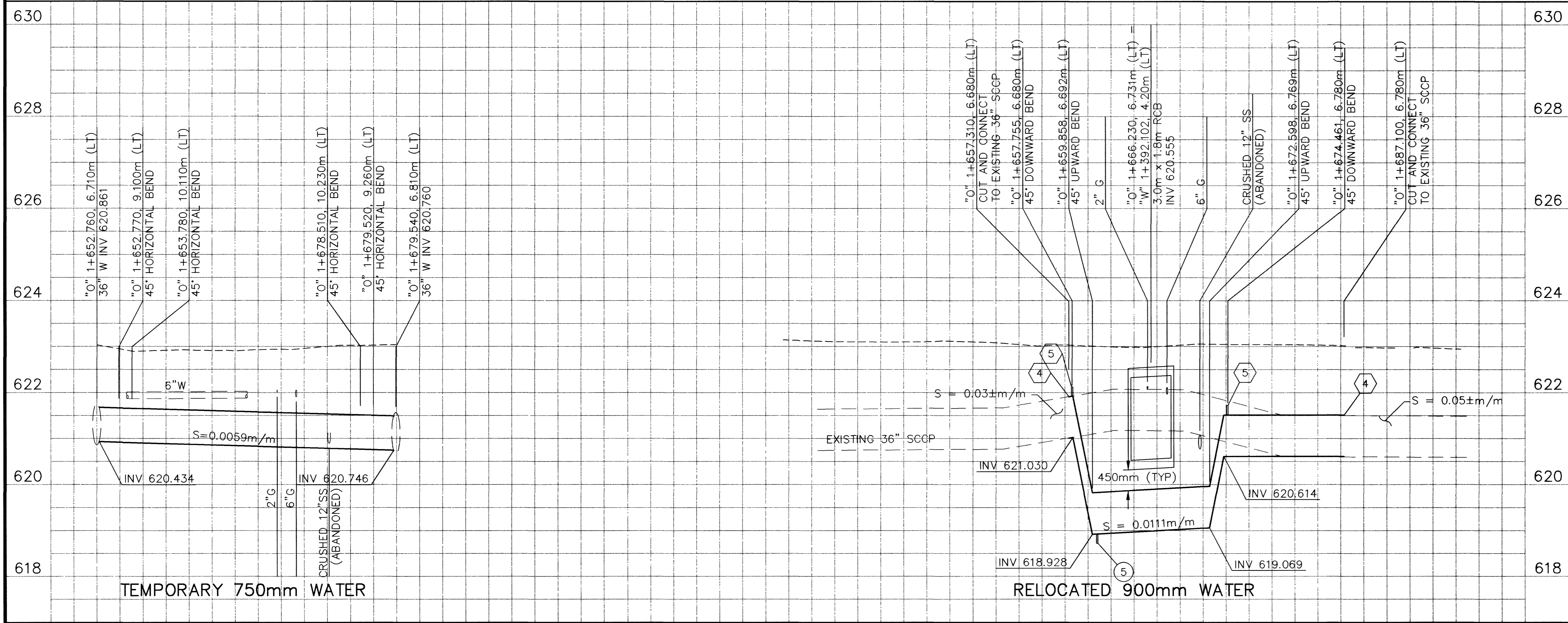


- CONSTRUCTION ITEMS**
- ① "0" 1+654.860, 6.700m LT  
"0" 1+677.440, 6.800m LT  
INSTALL 900mm LINE STOP ASSEMBLY
  - ② "0" 1+652.760, 6.710m LT  
"0" 1+679.540, 6.810m LT  
INSTALL 900mm x 750mm WET TAP ASSEMBLY SEE DRAWING U-39
  - ③ "0" 1+652.760, 6.710m LT TO  
"0" 1+679.540, 6.810m LT  
INSTALL 750mm MLCP
  - ④ "0" 1+657.310, 6.680m LT TO  
"0" 1+687.100, 6.780m LT  
INSTALL 900mm MLCP
  - ⑤ "0" 1+660.310, 6.700m LT  
INSTALL BLOW OFF ASSEMBLY SEE DRAWING U-45
  - ⑥ "0" 1+606.120, 9.750m LT  
CUT AND CAP 6" WATER LINE (APPROXIMATELY 27.7m EAST EXISTING FIRE HYDRANT)

- MATERIALS LIST**
- ① CONCRETE ANCHOR BLOCK INSTALLED ON SAME OF PIPE AS LINES TOP. SEE DRAWINGS U-39 AND U-41
  - ② CONCRETE THRUST BLOCK SEE DRAWING U-41
  - ③ 750mm DIA MLCP, 45° HORIZONTAL BEND.
  - ④ PROVIDE BUTT STRAP AT CONNECTION TO EXISTING SCCP. SEE DRAWING U-43
  - ⑤ AIR RELEASE VALVE INSTALLED AS PART OF WET TAP ASSEMBLY. SEE DRAWINGS U-39 AND U-42
  - ⑥ CATHODIC PROTECTION TEST STATION SEE DRAWING U-46

DATE	4/30/03
REVISIONS	
PROJECT #	31804
DESIGN BY	BRP
DATE	DEC 17, 1999
SCALE (V)	1:50
SCALE (H)	1:250
F.L.D. Bk. #	N/A

**PB PARSONS BRINCKERHOFF**  
 Las Vegas, Nevada



APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT      DATE

**Call before you Dig.**  
 1-800-277-2600  
UNDERGROUND SERVICE (USA)

**Call before you Overhead.**  
 563-6111  
OVERHEAD SERVICE (USA)

**NOTES:**

A. STATIONING AND ALIGNMENT ARE PROVIDED FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL APPURTENANCES PER THE REQUIREMENTS IN THE SPECIAL PROVISIONS AND SEQUENCING INSTRUCTIONS.

B. SEE SEQUENCING INSTRUCTIONS ON DRAWING U-35

C. WELD ALL MLCP JOINTS.

**DEPARTMENT OF PUBLIC WORKS**

**I-15 FREEWAY CHANNEL**

**WATER RELOCATION**

**OAKEY/WESTERN**

**ENGINEER**  
 JOHN CLARK  
 PROFESSIONAL ENGINEER No. 11500

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