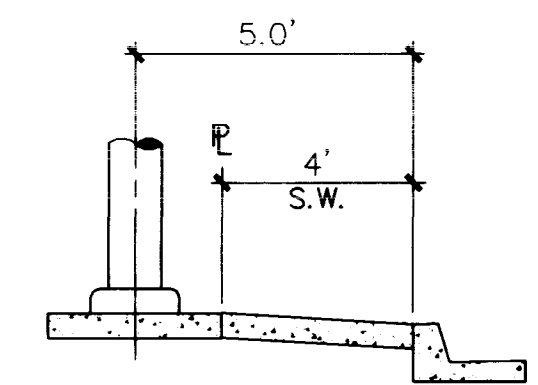


ABANDON VALVE - CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.
THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3'-4" BEYOND THE ABANDONED VALVE AND INSTALL A CAP, WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL.
THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.



STREET LIGHT DETAIL

(EXISTING)
POLO GREENS PECCOLE RANCH
LOT 14

UTILITY REVISIONS LEGEND
QUANTITIES ARE FOR THIS SHEET ONLY

WATER

- ③ CLOSE MAIN CONNECTION CORP. STOP AND REMOVE MIN. 6" OF EX. SERVICE LINE. 4 EA.
- ⑤ NEW 1" WATER SERVICE LOCATION 2 EA.

SEWER

- ★ NEW 4" SANITARY LATERAL 3 EA.
- ★ CAP & ABANDON EXIST. 4" LATERAL IN PLACE

DEVELOPER
TRIPLE FIVE DEV. GROUP CENTRAL, LTD.
P. O. BOX 371208
LAS VEGAS, NEVADA 89137
(702) 277-6854

CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS
2777 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89102-5148 PHONE (702) 873-7550 FAX (702) 362-2597

REVISION
DATE BY
1/19/96 JPS
2/27/97 JPS
12/17/96 JPS
10/17/96 KMF

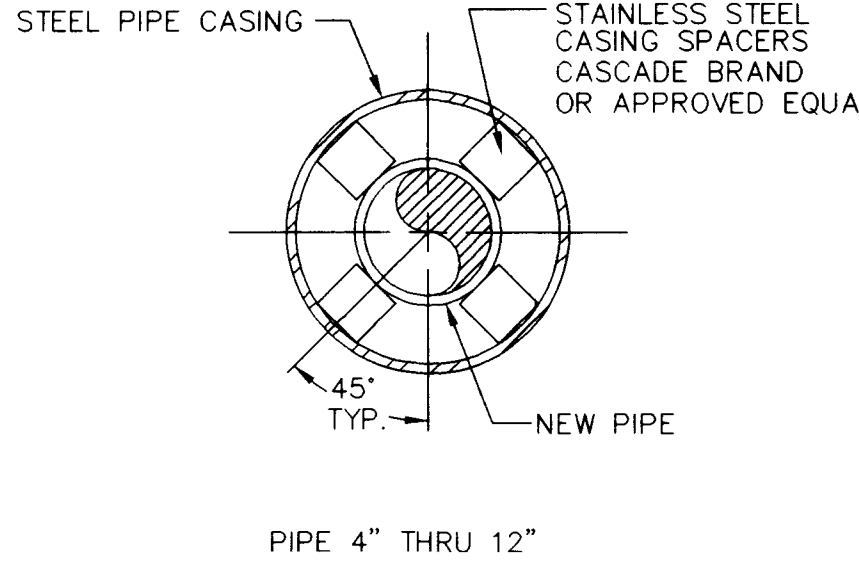
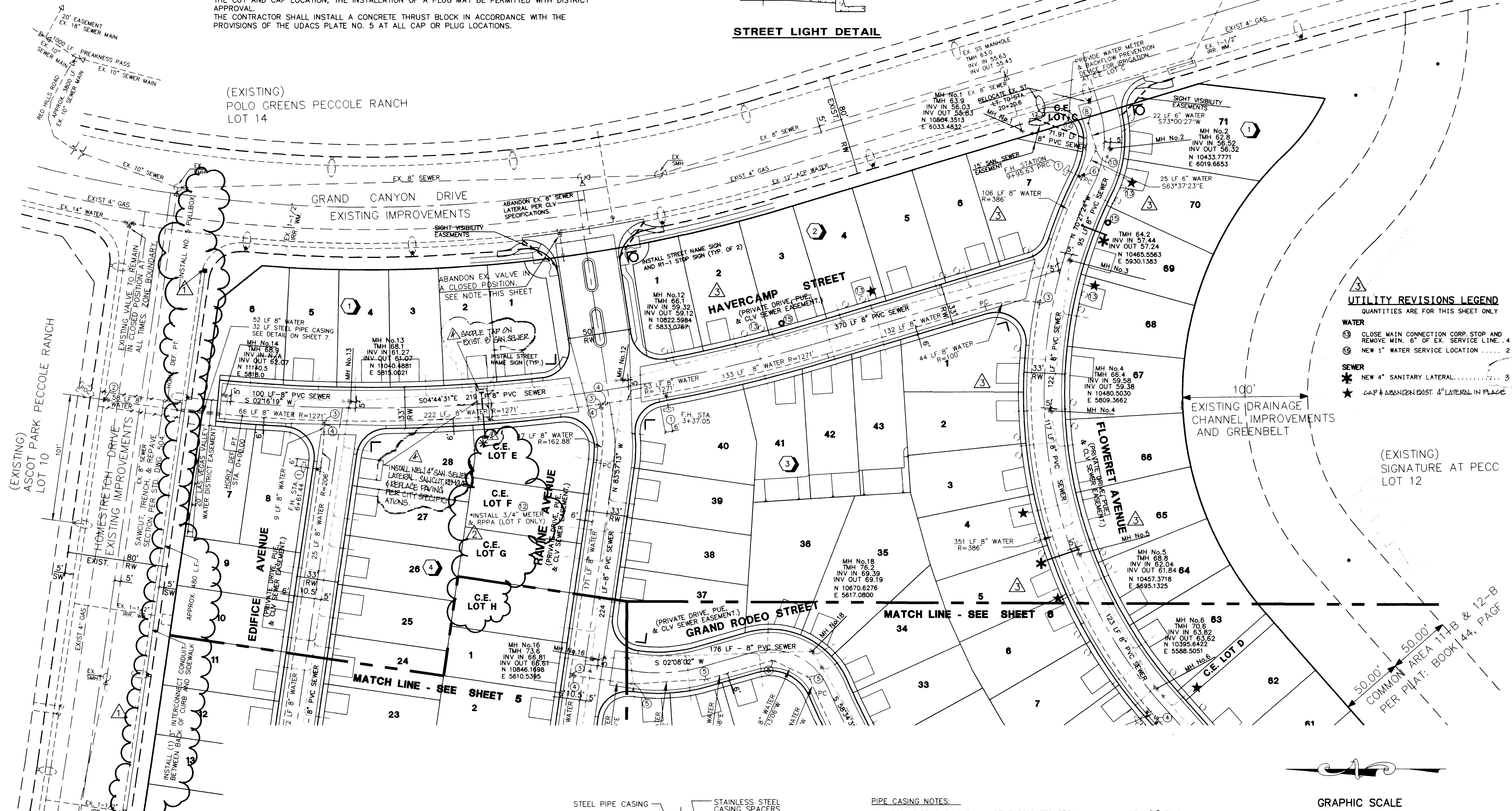
ADD ONE SANITARY LATERAL AT PARK - 4/28/97
WIDEN LOTS, REUSE UTILITIES 5/19/97
ADD 1" SERV. & 1" F. REMOVE SEW. LAY. & E. 5/97
INSTALL INTERCONNECT CONDUIT

MASTER UTILITY PLAN
LOT 11
AT PECCOLE RANCH

TITLE PROJECT

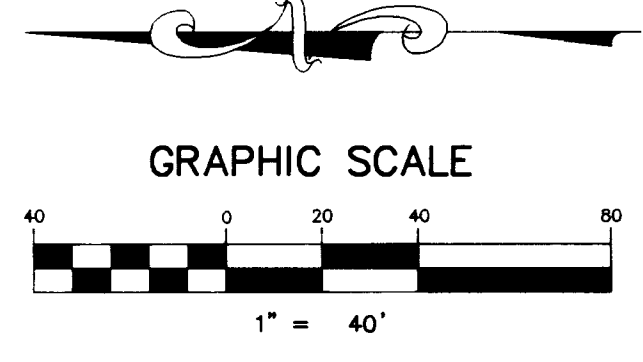
SEAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEVADA
NO. 6012
JAN 1997

WO NO. **4986**
BY **JPS**
DATE **FEB. 27, 1997**
SCALE HORIZ. 1"=40'
VERT. 1"=10'
SHEET **7** OF 19 SHEETS



TYPICAL CASING SECTION
NO SCALE

- PIPE CASING NOTES:**
- STEEL PIPE CASING SHALL BE FABRICATED FROM A MINIMUM OF 1/4" THICK STEEL PLATES, CONFORMING TO THE REQUIREMENTS OF ASTM A283, GRADE B, C OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUNDED TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C201, "AWWA STANDARD FOR FABRICATED ELECTRICALLY WELDED STEEL WATER PIPE". COATINGS FOR STEEL CASING ARE NOT REQUIRED.
 - PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
 - THE PIPE SHALL BE SUPPORTED AT EACH END OF EACH JOINT WITH SPACERS. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH CASING END SEALS.
 - ALL CASINGS ARE TO BE SYMMETRICAL ABOUT THE CENTER LINE OF THE WATER PIPE.



PLAN INFORMATION:
SEE SHEET 5 FOR GENERAL NOTES, QUANTITIES, SIGNATURE BLOCKS, ETC.
SEE SHEET 7 FOR PIPE CASING DETAILS.

APPROVAL: *1st JPS 5-22-96*
[Signature] 4/18/97
LAS VEGAS VALLEY WATER DISTRICT DATE

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

BENCHMARK
CLV BENCHMARK No. 31, STATION 11V106C4
RIVET & PLATE IN TOP OF CURB, NE CORNER OF GRAND CANYON DRIVE & POLO GREEN DRIVE.
ELEVATION = 8731.747 METERS
= 2864.741 FEET (NAVD88).

IMPLEMENTING FACILITIES
CONSTRUCTION OF THESE WATER FACILITIES CANNOT BEGIN AND CONSTRUCTION WATER WILL NOT BE AVAILABLE UNTIL THE 3090 ZONE RESERVOIR AND THE WATER MAINS IN HUALPAI WAY AND HOMESTRETCH DR. ARE OPERATIONAL.

