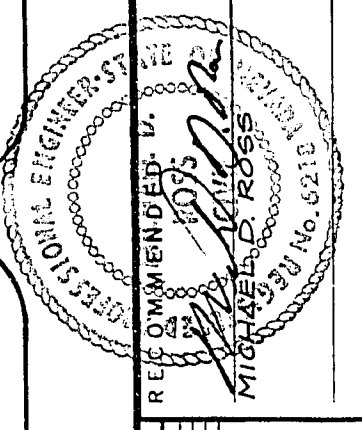


LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

- NO WORK SHALL BE DONE ON THE WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LANDS FOLLOWING APPROVAL OF THE PLANS. NOTICE MUST BE GIVEN TO THE LVWD CUSTOMER SERVICE DEPARTMENT (875-1194) 48 HOURS PRIOR TO ACTUAL CONSTRUCTION AND 24 HOURS PRIOR TO AN INSPECTION.
- CALL BEFORE YOU DIG 1-800-227-2800.
- ALL WORK SHALL CONFORM TO LATEST STANDARD PLATES, DRAWINGS AND SPECIFICATIONS.
- ALL WORK, EXCEPT AS NOTED HEREON OR BY NOTE 3, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, CLARK COUNTY AREA.
- DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY WILL BE PERMITTED ON 1-1/2" AND 2" SERVICE LATERALS. SERVICE SADDLES COLLARS ARE NOT PERMITTED.
- COPPER SERVICE LATERALS: ALL 3/4" TO 2" SERVICE LATERALS SHALL BE OF COPPER TUBING IN ACCORDANCE WITH THE DISTRICT'S SPECIFICATIONS AND STANDARD PLATES.
- THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR ACP AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:

PIPE SIZE	ACI	DUCTILE IRON
8 INCH	2.5 DEGREES	2.5 DEGREES
10 INCH	2.5 DEGREES	2.5 DEGREES
12 INCH	2.5 DEGREES	2.5 DEGREES
14 INCH	2.5 DEGREES	2.5 DEGREES
16 INCH	2.5 DEGREES	2.5 DEGREES
18 INCH	2.5 DEGREES	2.5 DEGREES
20 INCH	2.5 DEGREES	2.5 DEGREES
24 INCH	2.5 DEGREES	2.5 DEGREES

ON PVC PIPE, THE MAXIMUM OFFSET FOR A 20' LENGTH OF FACTORY BELLED PIPE SHALL BE 12" FOR 4" PIPE, 12 INCHES FOR 6" PIPE, 11 INCHES FOR 8" PIPE AND 9 INCHES FOR 12" PIPE.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS AND VALLEY GUTTERS.
- DETECTION TAPE IS REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED.
 - OVER ALL MAINS NOT INSTALLED, 6 FEET FROM BACK OF CURB.
 - OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
- ALL WATER MAINS ARE TO BE PRESSURIZED TESTED AT 200 PSI FOR A CONTINUOUS TWO HOUR PERIOD.
- ALL WATER MAINS AND LATERALS SHALL BE DISINFECTED AND FLUSHED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO ACCEPTANCE BY THE DISTRICT.
- CONTRACTOR TO OBTAIN ALL METERS 2" AND SMALLER FROM LVWD'S CENTRAL STORES. TELEPHONE 258-3125 (24H) 24H HOURS PRIOR TO WORK.



1555 SOUTH RAINBOW BLVD LAS VEGAS, NEVADA 89102

G.C. WALLACE, INC. Engineering/Architecture

DEL WEBB COMMUNITIES, INC. SUN CITY LAS VEGAS

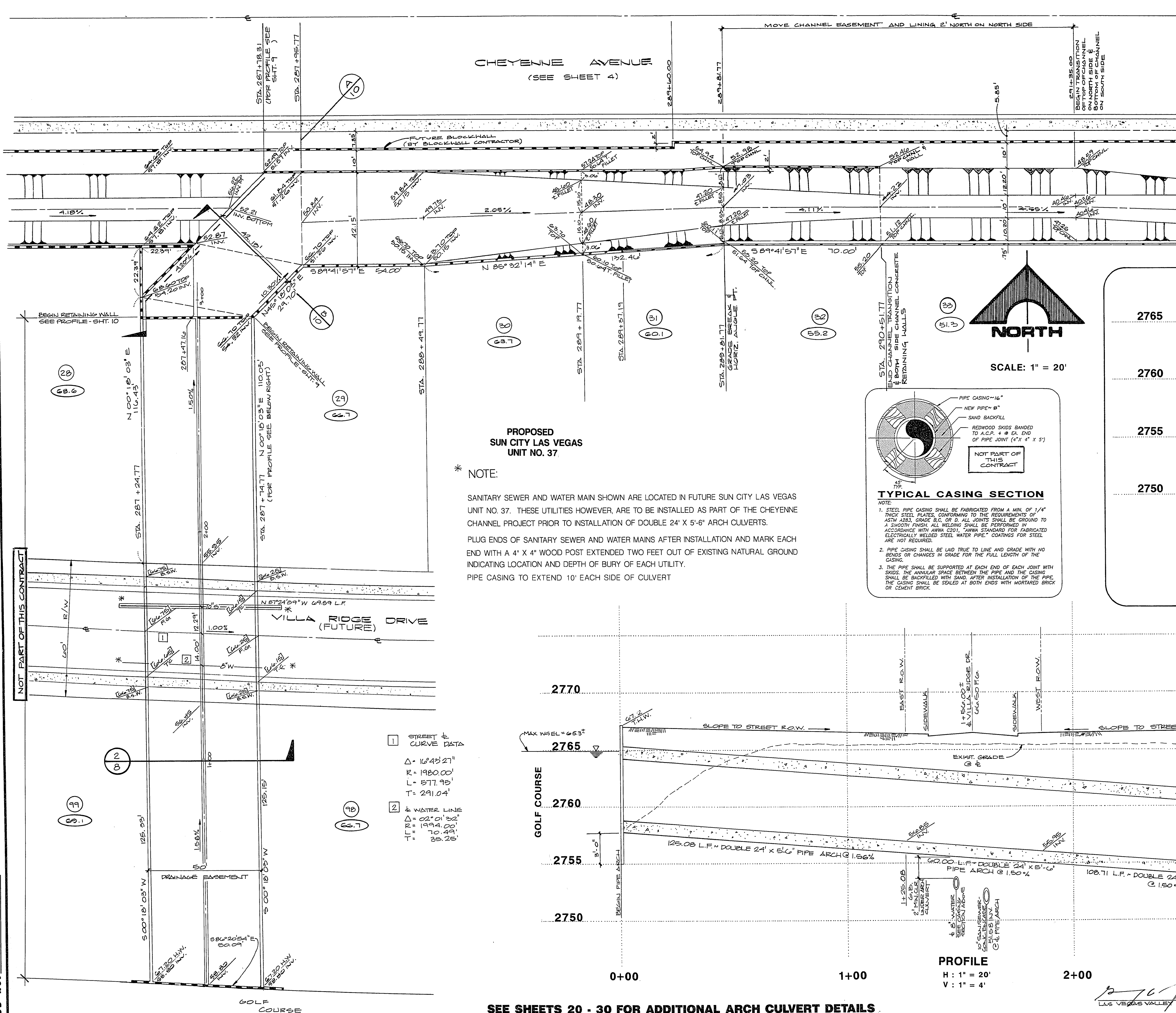
DRAINAGE EASEMENT 1 & CHANNEL TRANSITION

SHEET

7

OF 30 SHEETS

107-V2064



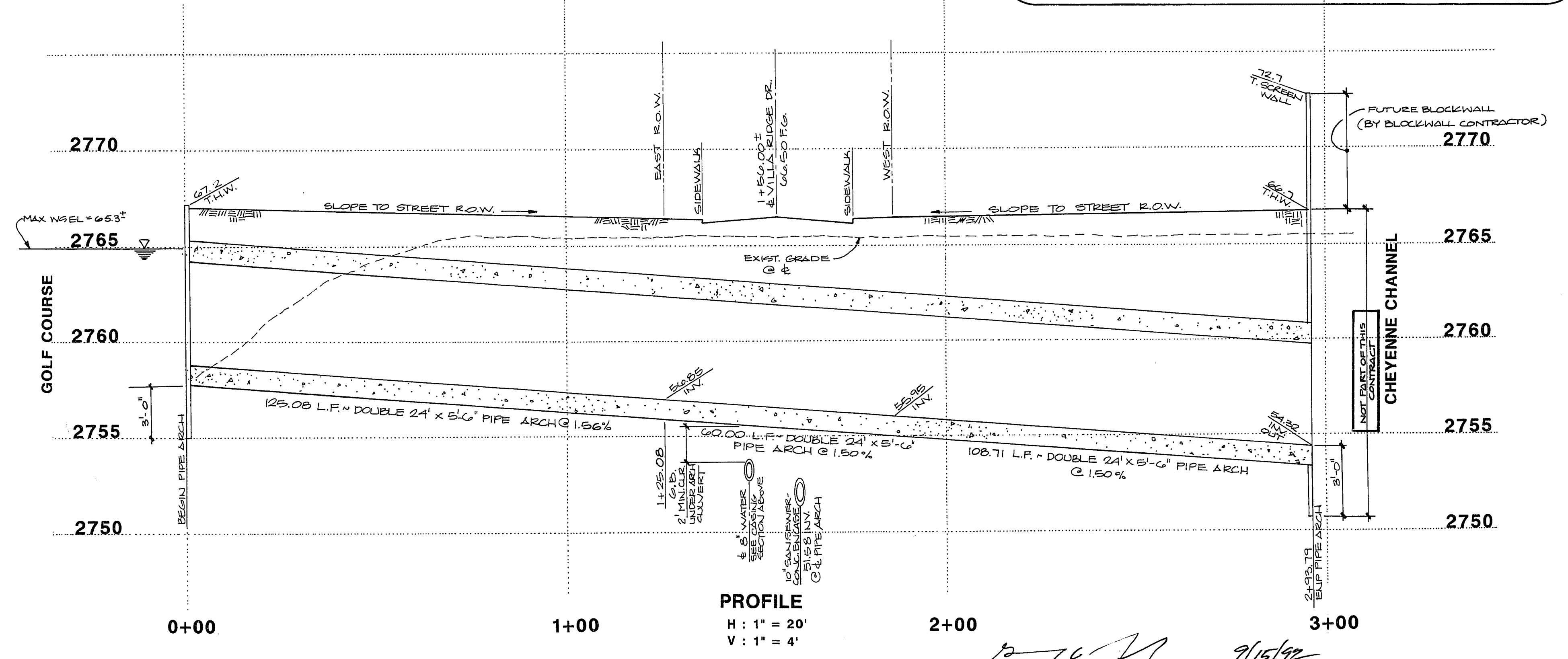
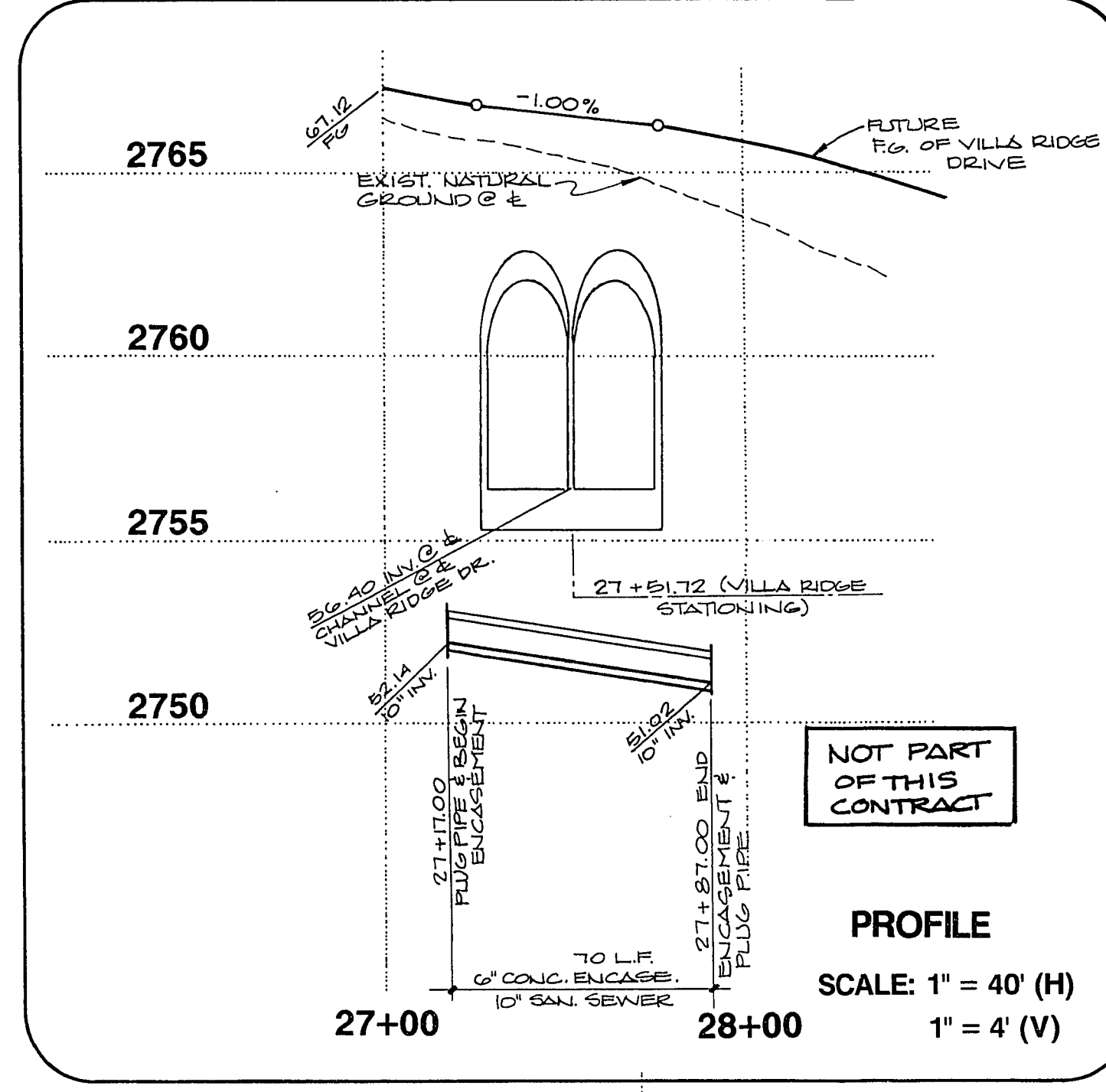
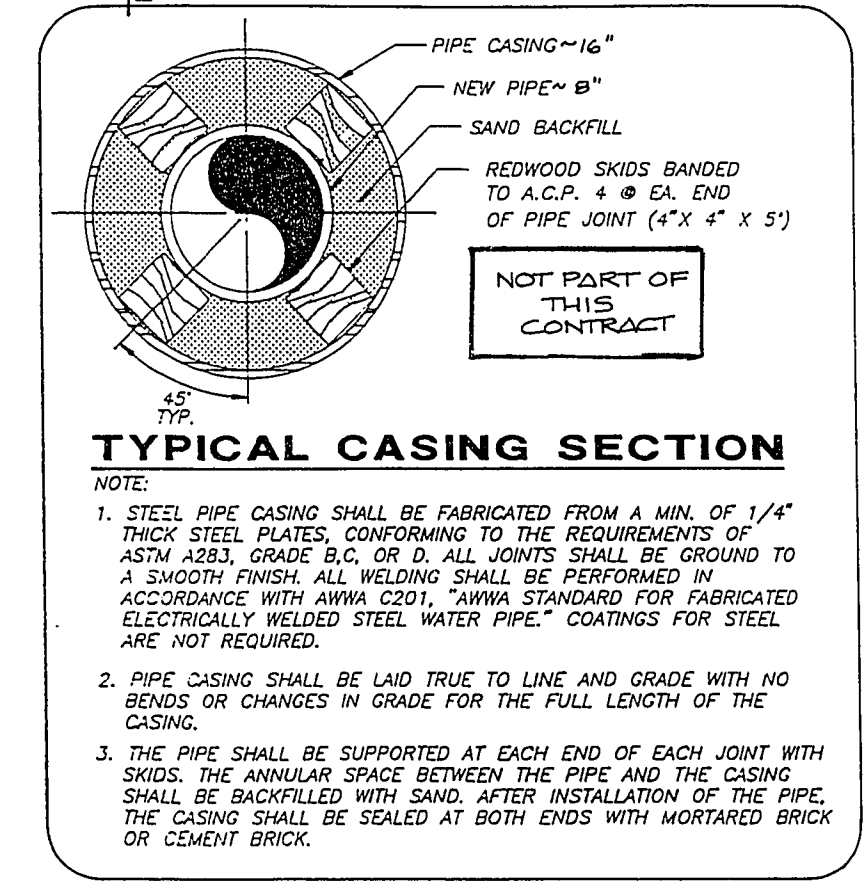
PROPOSED SUN CITY LAS VEGAS UNIT NO. 37.

* NOTE:

SANITARY SEWER AND WATER MAIN SHOWN ARE LOCATED IN FUTURE SUN CITY LAS VEGAS UNIT NO. 37. THESE UTILITIES HOWEVER, ARE TO BE INSTALLED AS PART OF THE CHEYENNE CHANNEL PROJECT PRIOR TO INSTALLATION OF DOUBLE 24" X 5'-6" ARCH CULVERTS.

PLUG ENDS OF SANITARY SEWER AND WATER MAINS AFTER INSTALLATION AND MARK EACH END WITH A 4" X 4" WOOD POST EXTENDED TWO FEET OUT OF EXISTING NATURAL GROUND INDICATING LOCATION AND DEPTH OF BURY OF EACH UTILITY.

PIPE CASING TO EXTEND 10' EACH SIDE OF CULVERT



SEE SHEETS 20 - 30 FOR ADDITIONAL ARCH CULVERT DETAILS.

DATE 9/15/92