

CITY OF LAS VEGAS SANITARY SEWER NOTES

- ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
- CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING OR BACKFILL OR TYPE II GRAVEL.
- ALL MANHOLES IN PAVED STREETS 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE. CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
- A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
- ALL SEWER CONSTRUCTION REQUIRES AN EXCAVATION PERMIT FROM THE "CITY OF LAS VEGAS."
- FURNISH "AS-BUILT" PLANS (REPRODUCIBLE) TO THE CITY OF LAS VEGAS SHOWING THE EXACT LOCATION OF THE MAINS AND LATERALS.

NOTE:
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THESE PROPER LOCATION.
CALL BEFORE YOU DIG: 1-800-227-2600

BENCHMARK

ALUMINUM CAP AT THE S.E. CORNER OF MICHAEL WAY & VEGAS DRIVE.
BENCHMARK NO. 06025A3
ELEVATION = 2238.73

STREET LIGHT NOTES

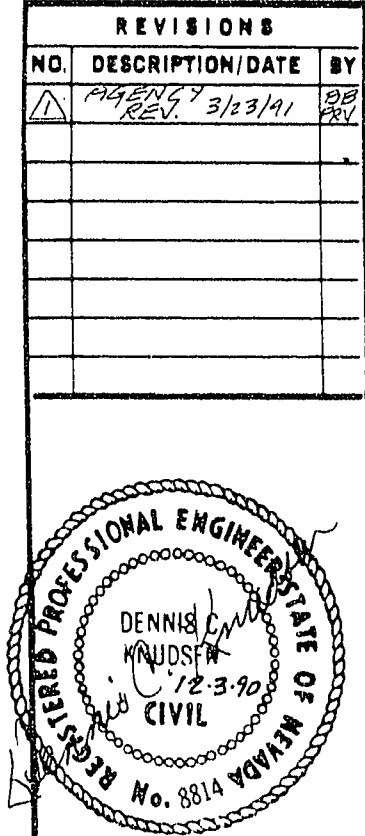
All street light installations except as noted on the street lighting plans shall conform to the Improvement Standards, Department of Public Works, Clark County Nevada, and the Uniform Standard Specifications for Public Works Construction, Off-site Improvements, Clark County, Nevada. New service required, poles to be galvanized.

ESTIMATE OF QUANTITIES

6" ACP 540 L.F.
3/4" COPPER LATERALS 37 L.F.
3/4" METERS FROM LVVWD 27 L.F.

CONSTRUCTION NOTES

- SAWCUT AND REMOVE EXISTING PAVEMENT. EXISTING PAVEMENT (WINWOOD STREET) TO BE REMOVED TO SOUTH BOUNDARY OF DEVELOPMENT.
- REMOVE EXISTING CURB RETURNS. CONSTRUCT NEW CURB RETURNS, SPANDRELS, DEPRESSED CURBS FOR FUTURE WHEELCHAIR RAMPS PER C.C.P.W. STD. DWGS. NOS. 118, 120 & 122.
- CONSTRUCT 8" VALLEY GUTTER PER C.C.P.W. STD. DWG. NO. 122.
- 3.5 SIDEWALK PER C.C.P.W. STD. DWG. NO. 119.
- EXISTING PAVEMENT TO BE REMOVED.
- TYPE 1' CURB AND GUTTER PER C.C.P.W. STD. DWG. NO. 120.
- INSTALL STREET LIGHTS PER C.C.P.W. AT STATIONS SHOWN ON PLANS.
- INSTALL STREET LIGHT CONDUIT PER C.C.P.W.
- ADJUST WATER VALVE TO MATCH FINISH STREET GRADE.
ABANDON VALVE AND 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' 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 DISTRICT'S STANDARD PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.
- INSTALL SIGN 9" (D-3) ON EXISTING R1-1 POST. STREET NAMES: VEGAS DRIVE, WINWOOD STREET. (ALL POLES TO BE GALVANIZED, TYPICAL FOR STREET SIGNS.)
- INSTALL SIGN (W14-2P) ON STREET LIGHT POLE EACH SIDE EAST AND WEST ON STD. POST.
- INSTALL SIGN (W14-2) & POST. (OPTIONAL)
- INSTALL SIGN (R2-1) AND POST. LETTER: SPEED LIMIT 25.
- REMOVE EXISTING PLUG. INSTALL 6 L.F. OF 8" SANITARY SEWER @ 1.00% AND CONSTRUCT 4' DIAMETER MANHOLE. SEE PROFILE BELOW.
- INSTALL NO.3-1/2 PULL BOX FOR STREET LIGHTING CONDUIT.
- CONNECT TO NEW SERVICE.
- INSTALL STREET LIGHT SERVICE.
- ALL POLES TO BE GALVANIZED.



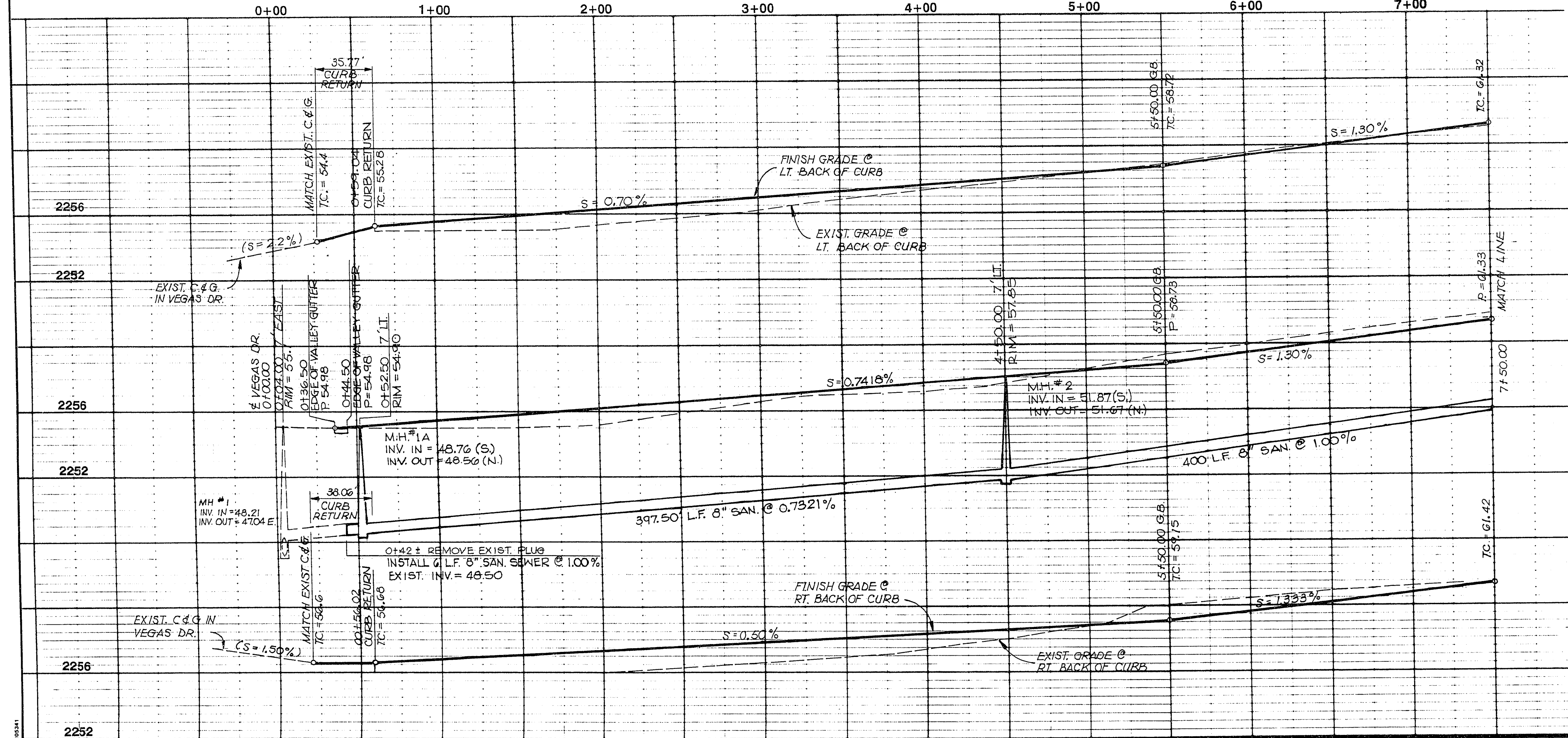
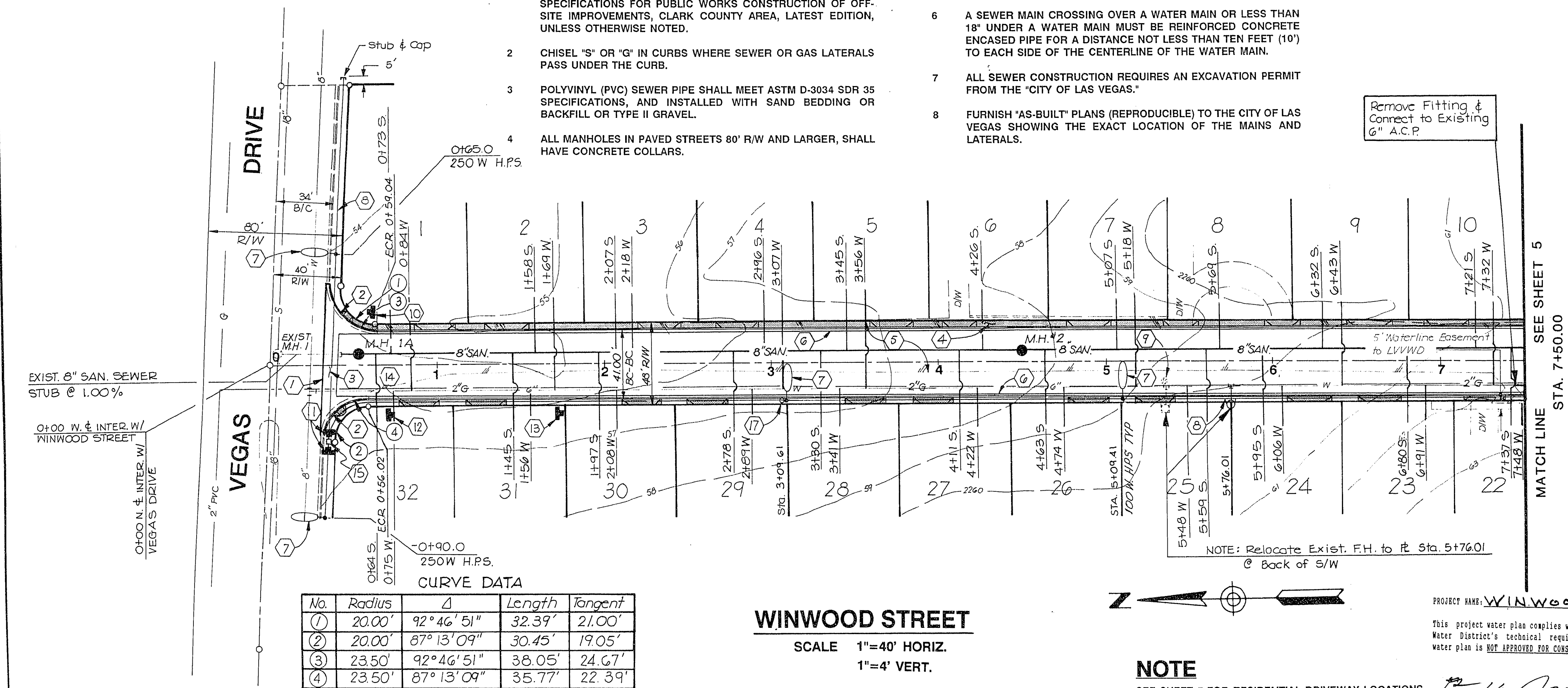
SPARKS, NEVADA
LAS VEGAS, NEVADA
PHOENIX, ARIZONA
incorporated
ENGINEERS/PLANNERS

PLAN & PROFILE
WINWOOD KNOLLS
A PORTION OF THE NE 1/4 OF THE NW 1/4 OF SECTION 25,
TOWNSHIP 20 SOUTH, RANGE 60 EAST, MOUNT DIABLO BASE AND MERIDIAN.

JOB NO. 6-0351-01-1
DESIGNED CS
DRAWN GL
COMP.
CHECKED DK
DATE 3/11/91

4

4 of 7 SHEETS



APPROVALS

3/28/91
DATE

LVVWD DATE