

LONE MOUNTAIN RD. AT LOS PRADOS BLVD.
(AND CAMINO DEL ORO)

STEWART AVE. AT 7th ST.

ALTA DR. AT ANTELOPE WAY

VICINITY MAP
N.T.S.

LEGEND

- EXISTING TREE
- EXISTING BLOCK WALL
- EXISTING CURB AND GUTTER
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING TELEPHONE PULLBOX
- EXISTING CABLE TV PULLBOX
- EXISTING TRAFFIC SIGNAL PULLBOX
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING ELECTRICAL MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING STREETLIGHT
- EXISTING POWER POLE
- EXISTING STREET SIGN
- AC PAVEMENT REMOVAL AND REPLACEMENT
- CONCRETE REMOVAL AND REPLACEMENT
- NEW TRAFFIC SIGNAL
- NEW CONTROL CABINET
- NEW PADMOUNT ELECTRICAL SERVICE

LVVWD NOTES

1. NO WORK SHALL BEGIN ON THE WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY LVVWD. FOLLOWING APPROVAL OF THE PLANS, NOTICE SHALL BE GIVEN TO LVVWD CUSTOMER SERVICE DEPARTMENT (575-1144) 48 HOURS PRIOR TO ACTUAL CONSTRUCTION AND 24 HOURS PRIOR TO AN INSPECTION.
2. CALL BEFORE YOU DIG 1-800-227-2800.
3. ALL WORK SHALL CONFORM TO LVVWD LATEST STANDARD PLATES, DRAWINGS AND SPECIFICATIONS.
4. ALL WORK EXCEPT AS MODIFIED HEREON OR BY NOTE 3, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR ADDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLARK COUNTY AREA.
5. DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS SHALL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY SHALL BE PERMITTED ON 1-1/2" AND 2" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
6. 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.
7. THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR ACP AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:

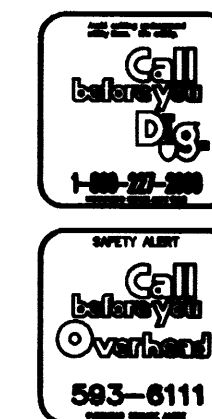
| PIPE SIZES | ACP | DUCTILE IRON SLIP JOINT | DUCTILE IRON MECHANICAL JOINT |
|--------------|-------------|-------------------------|-------------------------------|
| 8 INCH | 2.5 DEGREES | 2.5 DEGREES | 3.5 DEGREES |
| 8 - 12 INCH | 2.5 DEGREES | 2.5 DEGREES | 2.5 DEGREES |
| 14 - 18 INCH | 2.0 DEGREES | 1.5 DEGREES | 1.5 DEGREES |
| 18 - 24 INCH | N/A | 1.5 DEGREES | 1.5 DEGREES |
8. ON PVC PIPE, THE MAXIMUM OFFSET FOR A 20' LENGTH OF FACTORY BELLED PIPE SHALL BE 18 INCHES FOR 8" PIPE, 12 INCHES FOR 10" PIPE AND 9 INCHES FOR 12" PIPE. IF THESE OFFSETS CONFLICT WITH THE PIPE MANUFACTURER'S RECOMMENDATION, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
9. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
10. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AND VALLEY GUTTERS.
11. DETECTOR TAPE SHALL BE REQUIRED IN ACCORDANCE WITH STANDARD PLATE #27 WHERE INDICATED AND AS FOLLOWS:
 - A) OVER ALL MAINS NOT INSTALLED 8 FEET FROM THE BACK OF CURB.
 - B) OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
12. ALL WATER MAINS SHALL BE PRESSURE TESTED AT 200 PSI FOR A CONTINUOUS TWO (2) HOUR PERIOD IN ACCORDANCE WITH DISTRICT STANDARDS.
13. ALL WATER MAINS SHALL BE DISINFECTED, FLUSHED, AND ACCEPTABLE HEALTH DEPARTMENT SAMPLE OBTAINED, PRIOR TO THE CONNECTION OF THE WATER MAINS TO THE DISTRICT'S SYSTEM.
14. CONTRACTOR TO OBTAIN ALL METERS 2" AND SMALLER FROM THE LVVWD CENTRAL STORES. TELEPHONE 258-3102 FORTY EIGHT (48) HOURS PRIOR TO PICKUP.
15. NEW AND EXISTING VALVE BOXES IN AREAS OF NEW A.C. PAVEMENT TO BE ADJUSTED TO FINISH GRADE.
16. VALVES TO BE ACCESSIBLE AT ALL TIMES.

ABBREVIATIONS

- AC ASPHALTIC CONCRETE
- AGG. AGGREGATE
- APPROX. APPROXIMATE
- BOC, BC BACK OF CURB
- BOC BACK OF CURB RADIUS
- BLDG. BUILDING
- BLK. BLOCK
- BW BENCHMARK
- BVCS BEGINNING VERTICAL CURVE STATION
- BVCE BEGINNING VERTICAL CURVE ELEVATION
- BW OR BOW BACK OF WALK
- C, CL CENTERLINE
- CATV CABLE T.V.
- CLV CITY OF LAS VEGAS
- COMM. COMMERCIAL
- CONC., PCC CONCRETE
- CONST. CONSTRUCTION
- CCSD CLARK COUNTY STANDARD DRAWINGS
- C & G CURB AND GUTTER
- DET. DETAIL
- DI. DIAMETER
- DI DROP INLET
- D/W DRIVEWAY
- DWG. DRAWING
- E. EAST
- EA. EACH
- EG EX. GROUND OR EDGE OF GUTTER
- EOP, EP EDGE OF PAVEMENT
- ELEV. ELEVATION
- EVCS END VERTICAL CURVE STATION
- EVCE END VERTICAL CURVE ELEVATION
- EXIST., EX. EXISTING
- EXP. JT. EXPANSION JOINT
- FC FACE OF CURB
- FL FLOWLINE
- FG FINISHED GRADE
- FH FIRE HYDRANT
- FT. FOOT/FEET
- FUT. FUTURE
- GB GRADE BREAK
- GM GAS METER
- GV GAS VALVE
- HOR. HORIZONTAL
- INTX. INTERSECTION
- INV. INVERT
- K CURVE COEFFICIENT
- LF LINEAR FEET
- LT. LEFT
- MAX. MAXIMUM
- MH MANHOLE
- MIN. MINIMUM
- N. NORTH
- NAP NOT A PART
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- OG ORIGINAL GROUND
- OHE OVERHEAD ELECTRIC
- PMT. PAVEMENT
- PC POINT OF CURVE
- PI POINT OF INTERSECTION
- PP POWER POLE
- PT POINT OF TANGENCY
- PB PULLBOX
- R, PL PROPERTY LINE
- PH POINT OF VERTICAL INTERSECTION
- RCP REINFORCED CONCRETE PIPE
- RAD. RADIUS
- RES. RESIDENTIAL
- RET. RETAINING
- RT. RIGHT
- R-O-W RIGHT OF WAY
- R/W RIGHT OF WAY
- S. SOUTH
- SD STORM DRAIN
- SF SQUARE FOOT
- SHT. SHEET
- SS SANITARY SEWER
- ST. STREET
- STA. STATION
- STD. STANDARD
- SY SQUARE YARD
- S/W SIDEWALK
- TC TOP OF CURB
- TEMP. TEMPORARY
- TMH TOP OF MANHOLE
- TRANS. TRANSITION
- TYP. TYPICAL
- UNON UNLESS OTHERWISE NOTED
- VC VERTICAL CURVE
- VG VALLEY GUTTER
- WC WHEEL CHAIR
- W. WEST
- WM WATER METER
- WPJ WEAKENED PLANE JOINT
- WV WATER VALVE
- W/ WITH

SHEET INDEX

- 1 COVER SHEET
- 2 VICINITY MAP, NOTES & SHEET INDEX
- 3 ALTA AT ANTELOPE ROADWAY IMPROVEMENTS
- 4 ALTA AT ANTELOPE ELECTRICAL LAYOUT
- 5 STEWART AT 7th ROADWAY IMPROVEMENTS
- 6 STEWART AT 7th ELECTRICAL LAYOUT
- 7 LONE MOUNTAIN AT LOS PRADOS ROADWAY IMPROVEMENTS
- 8 LONE MOUNTAIN AT LOS PRADOS ELECTRICAL LAYOUT
- 9 STRIPING PLANS STEWART AT 7th & LONE MOUNTAIN AT LOS PRADOS
- 10 STRIPING PLAN ALTA AT ANTELOPE



REVISIONS

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

SCALE (H) N/A SCALE (V) N/A SCALE (W) N/A

FLD. BK. # N/A DATE MAY 1991

W.A. # N/A DESIGN BY HES

ENGINEERING DESIGN DIVISION
CITY ENGINEER: DENNIS ANDERSON, P.E.
DESIGN ENGINEER: EDWARD C. NETTENSTROM, P.E.

CLARK COUNTY, NEVADA

DEPARTMENT OF PUBLIC WORKS

PROJECT: TRAFFIC SIGNALS

SHEET: NOTES

PROFESSIONAL ENGINEER - STATE OF NEVADA
Dennis Anderson
NO. 8078

DRAWING NO. 208-V424 2/10