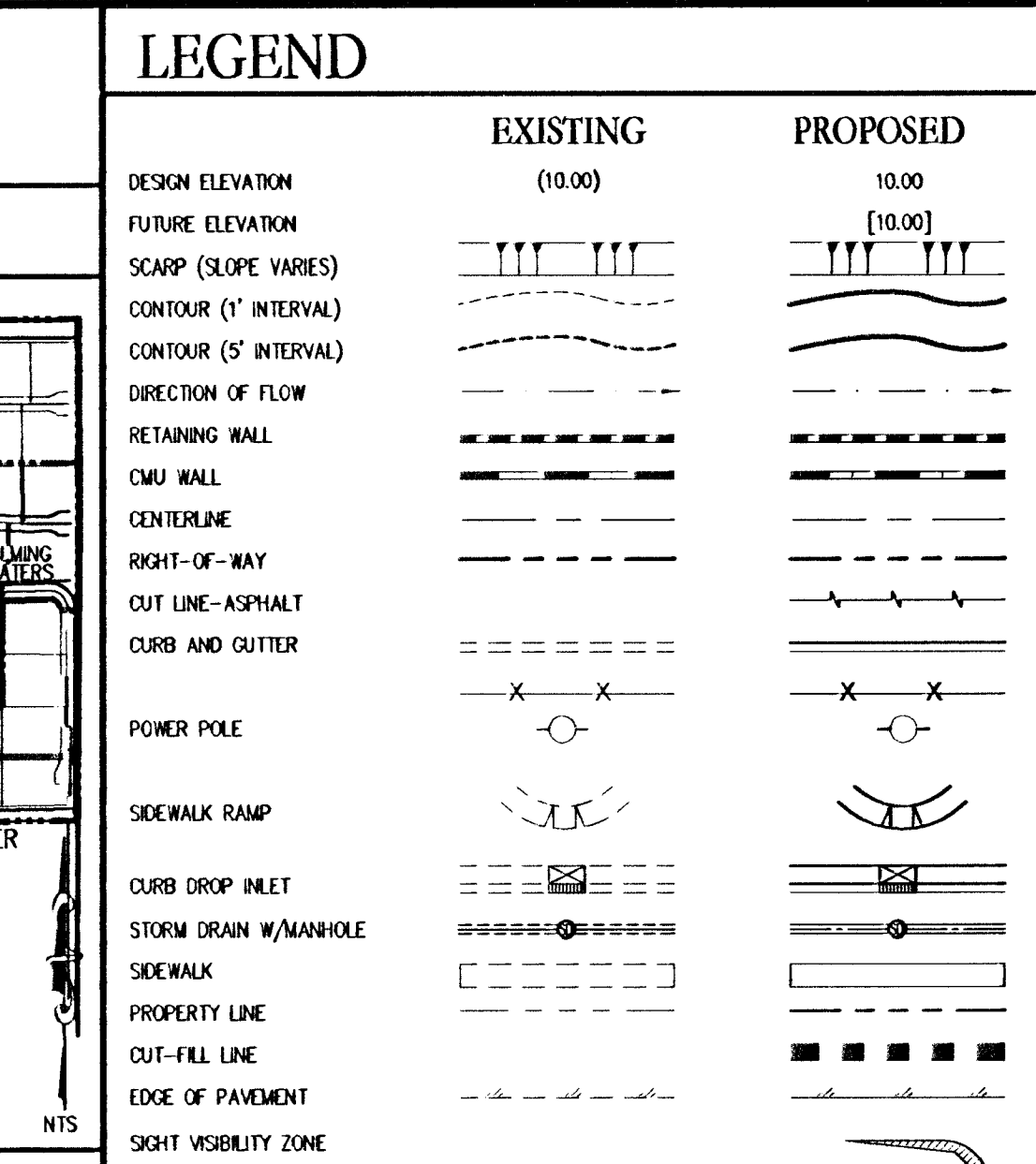
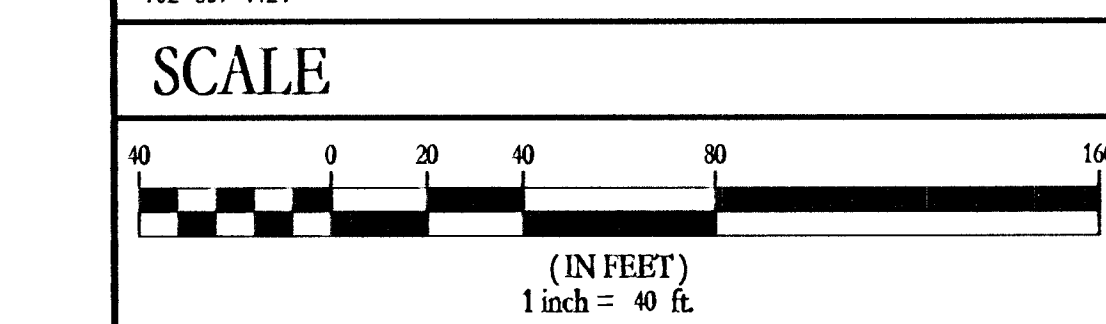


- | |
|-----|
| N | T | S | E | A | R | T | H | O | F | I | C | A | T | I | O | N | S | E</ |
|-----|

- | | |
|---|--|
| GEOTECHNICAL | |
| GEOTEK, INC.
6835 S. ESCONCIDO ST, STE# A
LAS VEGAS, NEVADA 89119
702-897-1424 | REPORT NO: 9786-LV6
DATE 03/11/2010 |



- | |
|--|
| LEGAL DESCRIPTION |
| BEING A PORTION OF THE NORTHWEST QUARTER (¼) OF SECTION 31, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.B.D. & M. CLARK COUNTY, NEVADA |

- | | |
|-------------|--|
| | |
| | BASIS OF BEARINGS |
| THE
PORT | S 89°14'18" E, BEING THE NORTH LINE OF THE SE ¼, NW ¼ SECTION 31, T19S, R60E,
M.D.M. AS SHOWN ON FILE 97, PAGE 85 OF PARCEL MAPS, CLARK COUNTY, NEVADA
OFFICIAL RECORDS. |

- | | |
|--------------|---|
| NOT
OWNER | BENCHMARK |
| THE | B.M. 19090-3104 CLV RSVET & ROUND PLATE IN CONC PAD WEST SIDE OF GRAND CANYON DR., 120 FEET SOUTH OF WASHBURN ROAD. |

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------|--|-----|-------------------------|----|--------------------------------|-----|--------------------------|-----|---------------------|-----|----------------|----|------------|-----|-------------------------|-----|----------------------|----|-----------------------|------|------------------|------|---------------|----|------------------|------|---------------------------------|----|--------------------|-----|---------------------|-----|-------------------|-----|------------|------|-------------------------|-----|------------------------|----|------------------|-----|----------------------|----|-------------------|-----|---------------------|----|-----------|----|-------------|----|------|-----|----------------|----|-------------|----|------------------|----|--------------------|-----|-------------|----|------------|----|---------|-----|--------|------|--|----|-------------|---------|---------------------------|------|------|---|----------------|-------|---------------------------------|---|---------------------|------|---------|----|---------------|
| ELEVATION = 795.579 M (2010.16 FEET) NAVD 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <h1>ABBREVIATIONS</h1> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WITH | <table border="0"> <tr> <td>AC</td> <td>ASPHALTIC CONCRETE</td> <td>OC</td> <td>ON CENTER</td> </tr> <tr> <td>CB</td> <td>BACK OF CURB</td> <td>POB</td> <td>PULL BOX</td> </tr> <tr> <td>CBR</td> <td>BACK OF CURB RADIUS</td> <td>PC</td> <td>POINT OF CURVE</td> </tr> <tr> <td>BM</td> <td>BENCHMARK</td> <td>PCD</td> <td>POINT OF COMPOUND CURVE</td> </tr> <tr> <td>BVC</td> <td>BEGIN VERTICAL CURVE</td> <td>PI</td> <td>POINT OF INTERSECTION</td> </tr> <tr> <td>CA/V</td> <td>CABLE TELEVISION</td> <td>PL</td> <td>PROPERTY LINE</td> </tr> <tr> <td>CC</td> <td>CLARK COUNTY</td> <td>PLT</td> <td>PLATE</td> </tr> <tr> <td>CL</td> <td>CENTERLINE</td> <td>POC</td> <td>POINT OF CONNECTION</td> </tr> <tr> <td>CLV</td> <td>CITY OF LAS VEGAS</td> <td>PP</td> <td>POWER POLE</td> </tr> <tr> <td>CNLY</td> <td>CITY OF NORTH LAS VEGAS</td> <td>PRC</td> <td>POINT OF REVERSE CURVE</td> </tr> <tr> <td>CO</td> <td>CLEAN OUT, SEWER</td> <td>PT</td> <td>POINT OF TANGENCY</td> </tr> <tr> <td>CH</td> <td>CITY OF HENDERSON</td> <td>PHC</td> <td>PHOSPHORIC CHLORIDE</td> </tr> <tr> <td>CU</td> <td>CURB YARD</td> <td>R</td> <td>RADIUS</td> </tr> </table> | AC | ASPHALTIC CONCRETE | OC | ON CENTER | CB | BACK OF CURB | POB | PULL BOX | CBR | BACK OF CURB RADIUS | PC | POINT OF CURVE | BM | BENCHMARK | PCD | POINT OF COMPOUND CURVE | BVC | BEGIN VERTICAL CURVE | PI | POINT OF INTERSECTION | CA/V | CABLE TELEVISION | PL | PROPERTY LINE | CC | CLARK COUNTY | PLT | PLATE | CL | CENTERLINE | POC | POINT OF CONNECTION | CLV | CITY OF LAS VEGAS | PP | POWER POLE | CNLY | CITY OF NORTH LAS VEGAS | PRC | POINT OF REVERSE CURVE | CO | CLEAN OUT, SEWER | PT | POINT OF TANGENCY | CH | CITY OF HENDERSON | PHC | PHOSPHORIC CHLORIDE | CU | CURB YARD | R | RADIUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC | ASPHALTIC CONCRETE | OC | ON CENTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CB | BACK OF CURB | POB | PULL BOX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CBR | BACK OF CURB RADIUS | PC | POINT OF CURVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BM | BENCHMARK | PCD | POINT OF COMPOUND CURVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BVC | BEGIN VERTICAL CURVE | PI | POINT OF INTERSECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA/V | CABLE TELEVISION | PL | PROPERTY LINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CC | CLARK COUNTY | PLT | PLATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CL | CENTERLINE | POC | POINT OF CONNECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLV | CITY OF LAS VEGAS | PP | POWER POLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNLY | CITY OF NORTH LAS VEGAS | PRC | POINT OF REVERSE CURVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO | CLEAN OUT, SEWER | PT | POINT OF TANGENCY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH | CITY OF HENDERSON | PHC | PHOSPHORIC CHLORIDE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CU | CURB YARD | R | RADIUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | <table border="0"> <tr> <td>DCSOS</td> <td>DESIGN AND CONSTRUCTION STANDARDS OF</td> <td>RCB</td> <td>REINFORCED CONCRETE BOX</td> </tr> <tr> <td>W</td> <td>WASTE WATER COLLECTION SYSTEMS</td> <td>RCP</td> <td>REINFORCED CONCRETE PIPE</td> </tr> <tr> <td>DS</td> <td>DESIGN GRADE</td> <td>R/W</td> <td>RIGHT-OF-WAY</td> </tr> <tr> <td>DI</td> <td>DROP INLET</td> <td>RT</td> <td>RIGHT</td> </tr> <tr> <td>DIP</td> <td>DUCTILE IRON PIPE</td> <td>ST</td> <td>STORM DRAIN</td> </tr> <tr> <td>EC</td> <td>END OF CURVE</td> <td>STLT</td> <td>STREETLIGHT</td> </tr> <tr> <td>EP</td> <td>EDGE OF PAVEMENT</td> <td>SNVA</td> <td>SOUTHERN NEVADA WATER AUTHORITY</td> </tr> <tr> <td>EV</td> <td>END VERTICAL CURVE</td> <td>SS</td> <td>SANITARY SEWER</td> </tr> <tr> <td>EX</td> <td>EXISTING</td> <td>STA</td> <td>STATION</td> </tr> <tr> <td>FF</td> <td>FINISH FLOOR ELEVATION</td> <td>STD</td> <td>STANDARD</td> </tr> <tr> <td>FG</td> <td>FINISH GRADE</td> <td>SVZ</td> <td>SKITTS MOBILITY ZONE</td> </tr> <tr> <td>FH</td> <td>FIRE HYDRANT</td> <td>SW</td> <td>SEWER/WALK</td> </tr> <tr> <td>FL</td> <td>FLOW LINE</td> <td>TC</td> <td>TOP OF CURB</td> </tr> <tr> <td>FT</td> <td>FEET</td> <td>TOF</td> <td>TOP OF FOOTING</td> </tr> <tr> <td>GR</td> <td>GRADE BREAK</td> <td>TR</td> <td>TOP OF RETAINING</td> </tr> <tr> <td>GF</td> <td>GRADE FINISH FLOOR</td> <td>TOP</td> <td>TOP OF WALL</td> </tr> <tr> <td>HP</td> <td>HIGH POINT</td> <td>TY</td> <td>TYPICAL</td> </tr> <tr> <td>INV</td> <td>INVERT</td> <td>USGS</td> <td>UNITED STATES AND CONSTRUCTION STANDARDS</td> </tr> <tr> <td>LF</td> <td>LINEAL FEET</td> <td>UNIFORM</td> <td>UNIFORM STANDARD DRAINING</td> </tr> <tr> <td>LEFT</td> <td>LEFT</td> <td>V</td> <td>VERTICAL CURVE</td> </tr> <tr> <td>LWVND</td> <td>LAS VEGAS VALLEY WATER DISTRICT</td> <td>W</td> <td>WATERFALL CLAY PIPE</td> </tr> <tr> <td>MANH</td> <td>MANHOLE</td> <td>VG</td> <td>VALLEY OUTLET</td> </tr> </table> | DCSOS | DESIGN AND CONSTRUCTION STANDARDS OF | RCB | REINFORCED CONCRETE BOX | W | WASTE WATER COLLECTION SYSTEMS | RCP | REINFORCED CONCRETE PIPE | DS | DESIGN GRADE | R/W | RIGHT-OF-WAY | DI | DROP INLET | RT | RIGHT | DIP | DUCTILE IRON PIPE | ST | STORM DRAIN | EC | END OF CURVE | STLT | STREETLIGHT | EP | EDGE OF PAVEMENT | SNVA | SOUTHERN NEVADA WATER AUTHORITY | EV | END VERTICAL CURVE | SS | SANITARY SEWER | EX | EXISTING | STA | STATION | FF | FINISH FLOOR ELEVATION | STD | STANDARD | FG | FINISH GRADE | SVZ | SKITTS MOBILITY ZONE | FH | FIRE HYDRANT | SW | SEWER/WALK | FL | FLOW LINE | TC | TOP OF CURB | FT | FEET | TOF | TOP OF FOOTING | GR | GRADE BREAK | TR | TOP OF RETAINING | GF | GRADE FINISH FLOOR | TOP | TOP OF WALL | HP | HIGH POINT | TY | TYPICAL | INV | INVERT | USGS | UNITED STATES AND CONSTRUCTION STANDARDS | LF | LINEAL FEET | UNIFORM | UNIFORM STANDARD DRAINING | LEFT | LEFT | V | VERTICAL CURVE | LWVND | LAS VEGAS VALLEY WATER DISTRICT | W | WATERFALL CLAY PIPE | MANH | MANHOLE | VG | VALLEY OUTLET |
| DCSOS | DESIGN AND CONSTRUCTION STANDARDS OF | RCB | REINFORCED CONCRETE BOX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W | WASTE WATER COLLECTION SYSTEMS | RCP | REINFORCED CONCRETE PIPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS | DESIGN GRADE | R/W | RIGHT-OF-WAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DI | DROP INLET | RT | RIGHT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIP | DUCTILE IRON PIPE | ST | STORM DRAIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EC | END OF CURVE | STLT | STREETLIGHT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP | EDGE OF PAVEMENT | SNVA | SOUTHERN NEVADA WATER AUTHORITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EV | END VERTICAL CURVE | SS | SANITARY SEWER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX | EXISTING | STA | STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FF | FINISH FLOOR ELEVATION | STD | STANDARD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FG | FINISH GRADE | SVZ | SKITTS MOBILITY ZONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FH | FIRE HYDRANT | SW | SEWER/WALK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FL | FLOW LINE | TC | TOP OF CURB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FT | FEET | TOF | TOP OF FOOTING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR | GRADE BREAK | TR | TOP OF RETAINING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GF | GRADE FINISH FLOOR | TOP | TOP OF WALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HP | HIGH POINT | TY | TYPICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INV | INVERT | USGS | UNITED STATES AND CONSTRUCTION STANDARDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LF | LINEAL FEET | UNIFORM | UNIFORM STANDARD DRAINING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEFT | LEFT | V | VERTICAL CURVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LWVND | LAS VEGAS VALLEY WATER DISTRICT | W | WATERFALL CLAY PIPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MANH | MANHOLE | VG | VALLEY OUTLET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVAL OF CLARK | <p>3/27/2015-12</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]