

LEGEND

| | | | |
|----------------------------------|--|-----------------------------|--|
| EXISTING TREE | | EXISTING TRAFFIC CONTROLLER | |
| EXISTING BUSH | | EXISTING MAILBOX | |
| EXISTING CHAIN-LINK-FENCE | | NEW AC PAVEMENT | |
| EXISTING BLOCK WALL | | NEW ELEVATION | |
| EXISTING SEWER | | DIRECTION OF FLOW OR SLOPE | |
| EXISTING WATER | | NEW MONUMENT | |
| EXISTING GAS | | NEW TRAFFIC SIGNAL | |
| EXISTING OVERHEAD ELECTRIC | | NEW TRAFFIC CONTROLLER | |
| EXISTING UNDERGROUND ELECTRIC | | EDGE OF PAVEMENT | |
| EXISTING CABLE T.V. | | CENTERLINE | |
| EXISTING STORM DRAIN | | PROPERTY LINE | |
| EXISTING UNDERGROUND TELEPHONE | | STREET ADDRESS | |
| EXISTING DRIVEWAY | | EXISTING BLOW-OFF | |
| EXISTING CURB AND GUTTER | | EXISTING TEST STATION | |
| EXISTING FIRE HYDRANT | | EXISTING AIR VALVE | |
| EXISTING UTILITY VALVE | | | |
| EXISTING WATER METER | | | |
| EXISTING ELECTRICAL 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 | | | |
| EXISTING DROP INLET | | | |
| EXISTING WHEELCHAIR RAMP | | | |
| EXISTING ELEVATION | | | |
| EXISTING MONUMENT | | | |
| APPROXIMATE BORING HOLE LOCATION | | | |

ABBREVIATIONS

| | | | |
|------------------------------------|---------------------------------------|---|--------------------------------|
| ● AT | FOC | PVI | POINT OF VERTICAL INTERSECTION |
| AC ASPHALTIC CONCRETE | FL FLOWLINE | RAD. RADIUS | |
| AGG. AGGREGATE | FG FINISHED GRADE | RCB REINFORCED CONCRETE BOX | |
| AL. ALUMINUM | FH FIRE HYDRANT | RCP REINFORCED CONCRETE PIPE | |
| APPROX. APPROXIMATE | FT FOOT/FEET | REINF. REINFORCED | |
| ASSY. ASSEMBLY | FUT. FUTURE | REQ'D. REQUIRED | |
| A COMBINATION AIR VALVE ASSEMBLY | GB GRADE BREAK | RES. RESIDENTIAL | |
| BOC, BC BACK OF CURB | GM GAS METER | RET. RETAINING | |
| B BLOW-OFF VALVE | GV GAS VALVE | RT RIGHT | |
| BCR BACK OF CURB RADIUS | HOR. HORIZONTAL | R/W RIGHT OF WAY | |
| BLDG. BUILDING | ID INSIDE DIAMETER | STL STEEL | |
| BLK. BLOCK | INT INTERSECTION | S SOUTH | |
| BM BENCHMARK | INV. INVERT | SD STORM DRAIN | |
| BVC BEGINNING VERTICAL CURVE | K CURVE COEFFICIENT | SF SQUARE FOOT | |
| BW BACK OF WALK | KRG KERN RIVER GAS | SHT SHEET | |
| CATV CABLE T.V. | LF LINEAR FEET | SPECS SPECIFICATIONS | |
| C/E CONSTRUCTION EASEMENT | LT LEFT | SQ SQUARE | |
| CLR CLEAR | LVVWD LAS VEGAS VALLEY WATER DISTRICT | SS SANITARY SEWER | |
| CLV CITY OF LAS VEGAS | MAX. MAXIMUM | ST STREET | |
| CONC., PCC CONCRETE | MH MANHOLE | STA STATION | |
| CONST. CONSTRUCTION | MIN. MINIMUM | STD STANDARD | |
| CONT. CONTINUOUS | MLCP MORTAR LINED AND COATED PIPE | SY SQUARE YARD | |
| CCSD CLARK COUNTY STANDARD DRAWING | MTL. MATERIAL | S/W SIDEWALK | |
| CNDT CONDUIT | N NORTH | T TEST STATION | |
| C & G CURB & GUTTER | NAP NOT A PART | TC TOP OF CURB | |
| € CENTERLINE | NIC NOT IN CONTRACT | TEMP TEMPORARY | |
| DET. DETAIL | NPC NEVADA POWER COMPANY | THR BLK THRUST BLOCK | |
| DG DESIGN GRADE | NTS NOT TO SCALE | TMH TOP OF MANHOLE | |
| DIA. DIAMETER | O.C. ON CENTER | TRANS. TRANSITION | |
| DI DROP INLET | O.D. OUTSIDE DIAMETER | TW TOP OF WALL | |
| DIP DUCTILE IRON PIPE | OG ORIGINAL GROUND | TYP TYPICAL | |
| D/W DRIVEWAY | OHE OVERHEAD ELECTRIC | UDACS UNIFORM DESIGN AND CONSTRUCTION STD. FOR WATER DISTRIBUTION SYSTEMS | |
| DWG. DRAWING | PVMT. PAVEMENT | UGP UNDERGROUND POWER | |
| E EAST | PC POINT OF CURVE | USD UNIFORM STANDARD DRAWING | |
| EA EACH | PI POINT OF INTERSECTION | UON UNLESS OTHERWISE NOTED | |
| EG EX. GROUND OR EDGE OF GUTTER | PP POWER POLE | VG VALLEY GUTTER | |
| EOP, EP EDGE OF PAVEMENT | PRC POINT OF REVERSE CURVE | VC VERTICAL CURVE | |
| ELEV ELEVATION | PSI POUNDS PER SQUARE INCH | VERT VERTICAL | |
| EVC END VERTICAL CURVE | PT POINT OF TANGENCY | VG VALLEY GUTTER | |
| EXIST., EX. EXISTING | PB PULLBOX | W WEST | |
| EXP. JT. EXPANSION JOINT | ℙ OR PL PROPERTY LINE | WM WATER METER | |
| | | WV WATER VALVE | |
| | | W/ WITH | |

INDEX TO DRAWINGS

| SHEET NO. | DWG. NO. | TITLE |
|-----------|----------|---|
| 1 | C1 | COVER SHEET |
| 2 | G2 | ABBREVIATIONS, LEGEND AND QUANTITIES |
| 3 | G3 | CLARK COUNTY AND CITY OF LAS VEGAS NOTES |
| 4 | G4 | SURVEY CONTROL AND KEY MAP |
| 5 | G5 | SURVEY CONTROL AND KEY MAP |
| 6 | C1 | PLAN AND PROFILE STA 1+03.75 TO STA 9+00.00 |
| 7 | C2 | PLAN AND PROFILE STA 9+00.00 TO STA 20+00.00 |
| 8 | C3 | PLAN AND PROFILE STA 20+00.00 TO STA 31+00.00 |
| 9 | C4 | PLAN AND PROFILE STA 31+00.00 TO STA 42+00.00 |
| 10 | C5 | PLAN AND PROFILE STA 42+00.00 TO STA 53+00.00 |
| 11 | C6 | PLAN AND PROFILE STA 53+00.00 TO STA 64+00.00 |
| 12 | C7 | PLAN AND PROFILE STA 64+00.00 TO STA 75+00.00 |
| 13 | C8 | PLAN AND PROFILE STA 75+00.00 TO STA 86+00.00 |
| 14 | C9 | PLAN AND PROFILE STA 86+00.00 TO STA 97+00.00 |
| 15 | C10 | PLAN AND PROFILE STA 97+00.00 TO STA 108+00.00 |
| 16 | C11 | PLAN AND PROFILE STA 108+00.00 TO STA 118+00.00 |
| 17 | C12 | PLAN AND PROFILE STA 118+00.00 TO STA 127+00.00 |
| 18 | C13 | PLAN AND PROFILE STA 127+00.00 TO STA 138+00.00 |
| 19 | C14 | PLAN AND PROFILE STA 138+00.00 TO STA 149+00.00 |
| 20 | C15 | PLAN AND PROFILE STA 149+00.00 TO STA 160+00.00 |
| 21 | C16 | PLAN AND PROFILE STA 160+00.00 TO STA 171+00.00 |
| 22 | C17 | PLAN AND PROFILE STA 171+00.00 TO STA 182+00.00 |
| 23 | C18 | PLAN AND PROFILE STA 182+00.00 TO STA 190+44.26 |
| 24 | D1 | TRENCH DETAILS |
| 25 | D2 | MANHOLE DETAILS |
| 26 | D3 | GENERAL DETAILS |

BASIS OF BEARING

SOUTH 89°06' WEST - BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON THE MAP THEREOF IN FILE 37 OF SURVEYS, PAGE 21, OFFICAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK 1C99/25SSE6 - RIVET AND SQUARE ALUMINUM PLATE IN CONCRETE MAILBOX PAD, 52 FT. EAST AND 30 FT NORTH OF PI OF ANN RD. AND EGAN CREST DR.
 NAVD 1988 DATUM
 ELEVATION = 844.423 METERS
 2770.411 FEET

ESTIMATED QUANTITIES ALTERNATIVE 'A'

| ITEM | UNIT | QUANTITY |
|-------------------------------|------|----------|
| 60 INCH SEWER MANHOLE | EA | 19 |
| 48 INCH SEWER MANHOLE | EA | 31 |
| 36 INCH SEWER PIPE | LF | 3,378 |
| 30 INCH SEWER PIPE | LF | 3,146 |
| 27 INCH SEWER PIPE | LF | 2,657 |
| 12 INCH SEWER PIPE | LF | 41 |
| 10 INCH SEWER PIPE | LF | 8,010 |
| 8 INCH SEWER PIPE | LF | 3,270 |
| ABANDONMENT OF EXISTING SEWER | LF | 25 |

FOR COMPLETE DESCRIPTION, REFER TO THE BID SCHEDULE OF THE CONTRACT DOCUMENTS.

ESTIMATED QUANTITIES (DEVELOPER REQUIRED PIPELINE) *** NOT TO BE CONSTRUCTED *** ALTERNATIVE 'B'

| ITEM | UNIT | QUANTITY |
|-------------------------------|------|----------|
| 48 INCH SEWER MANHOLE | EA | 63 |
| 8 INCH SEWER PIPE | LF | 19,966 |
| ABANDONMENT OF EXISTING SEWER | LF | 25 |

FOR COMPLETE DESCRIPTION, REFER TO THE BID SCHEDULE OF THE CONTRACT DOCUMENTS.

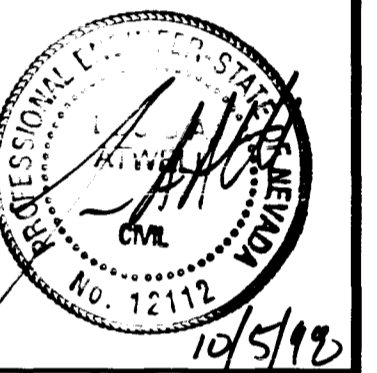
REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|---------|-----------------------------------|
| 1 | 10/7/08 | Changed Pipe Size from 36" to 30" |

DURANGO INTERCEPTOR SEWER
 DESIGNED BY: J. ARROYO
 CHECKED BY: J. LUSTIG
 DATE: 8-31-98
 L. ATWELL

901 N. Green Valley Pkwy.
 Suite 100
 North Las Vegas, NV 89121
 Telephone: 702/263-7274
 Fax: 702/263-7200

PBS
 ENGINEERING, PLANNING, SURVEYING, CONSTRUCTION SERVICES



Department of Public Works
 DURANGO INTERCEPTOR SEWER
 ABBREVIATIONS, LEGEND AND QUANTITIES

CITY OF LAS VEGAS
 NEVADA

Call before you Dig
 1-800-227-2600

DRAWING No. 2
 G2 26

