

REVISIONS

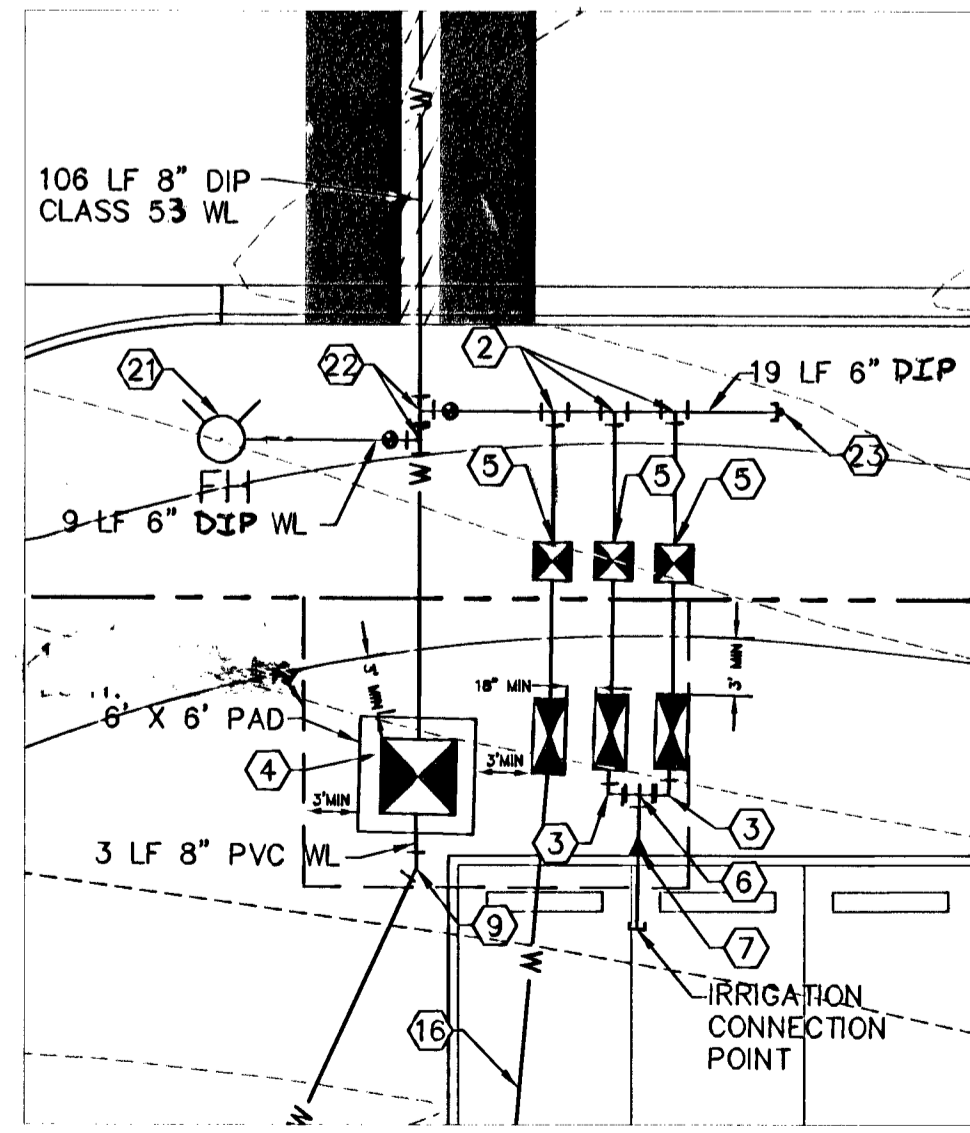
CONSULTANT

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DURANGO RILEY PARK PHASE I
 NE CORNER OF EL CAPITAN AND BRIGHT ANGEL

UTILITY PLAN

MATCHLINE SEE SHEET UT-2



CONNECTION DETAIL
 SCALE: 1" = 10"

UTILITY (WATER) CONSTRUCTION NOTES

- 1) INSTALL 12"x6" TAPPING SLEEVE AND 6" TAPPING VALVE PER UDACS PLATES No. 22 AND 8.
- 2) INSTALL 2" SERVICE SADDLE AND CORP STOP WITH TYPE "K" COPPER SERVICE LINE PER UDACS PLATE No. 1D.
- 3) INSTALL 2" 90° BRASS BEND.
- 4) INSTALL 8" DCDA PER UDACS PLATE No. 11C.
- 5) INSTALL 2" METER WITH 2" RPPA PER UDACS PLATES No. 1D AND 11A (USE BRASS FITTINGS AND PIPING BETWEEN METER AND RPPA).
- 6) INSTALL 2" TEE.
- 7) INSTALL 2"x3" REDUCER.
- 8) INSTALL 90° BEND (SEE PLAN FOR SIZE).
- 9) INSTALL 22.5" BEND (SEE PLAN FOR SIZE).
- 10) INSTALL 45° BEND (SEE PLAN FOR SIZE).
- 11) INSTALL 3" TEE.
- 12) INSTALL 1/2" X 3" TEE.
- 13) INSTALL 1/2" 90° BEND.
- 14) REFER TO PLUMBING PLAN FOR CONTINUATION.
- 15) INSTALL 3" PVC WATERLINE AT 36" MINIMUM DEPTH PER CCAUSD DWG No. 502.
- 16) INSTALL 2" PVC WATERLINE AT 36" MINIMUM DEPTH PER CCAUSD DWG No. 502 AND DETAIL 3 9T-19.

- 17) INSTALL 1/2" PVC WATERLINE AT 36" MINIMUM DEPTH PER CCAUSD DWG No. 502.
- 18) INSTALL 8" X 6" REDUCER PER UDACS PLATE No. 3.
- 19) INSTALL 8" PVC WATERLINE AT 36" MINIMUM DEPTH PER CCAUSD DWG No. 502.
- 20) INSTALL 6" PVC WATERLINE AT 36" MINIMUM DEPTH PER CCAUSD DWG No. 502.
- 21) INSTALL FIRE HYDRANT ASSEMBLY WITH 6" GATE VALVE PER UDACS PLATES No. 7 AND 8.
- 22) INSTALL 8" X 6" TEE AND 6" GATE VALVE PER UDACS PLATES No. 3, 5, AND 8.
- 23) INSTALL 6" CAP AND 2" BLOW OFF PER UDACS PLATE No. 4A.
- 24) CONSTRUCT UTILITY TRENCH PER DETAIL 9T-19 AND CCAUSD DWG No. 504. REMOVE AND REPLACE AC AND OPEN GRADE.

UTILITY (SEWER) CONSTRUCTION NOTES

- 1) INSTALL 8" X 6" WYE.
- 2) INSTALL 6" PVC SANITARY SEWER LINE (PRIVATE).
- 3) INSTALL 6" CLEANOUT PER DETAIL 9T-19.
- 4) SEE RESTROOM PLANS FOR CONTINUATION.

DOUBLE CHECK DETECTOR ASSEMBLY (1) 8"
 THE DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE No. 11C. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

NOTES:

1. ALL EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
2. CONTRACTOR TO FIELD VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. ON-SITE UTILITIES ARE TO BE INSTALLED PER THE CURRENTLY ADOPTED DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER AND POTABLE WATER SYSTEMS.
4. ALL RPPA AND DCDA ARE TO BE PLACED A MINIMUM OF THREE (3) FEET FROM THE BACK OF SIDEWALK, PER TITLE 19.12.040.
5. ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (3) 2"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE No. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENT SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

BASIS OF BEARINGS

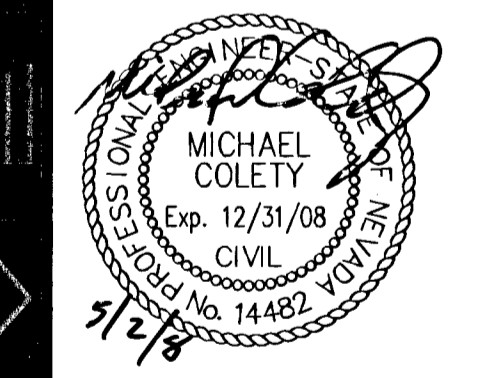
NORTH 02°07'20" EAST BEING THE WEST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. AS SHOWN ON PARCEL MAP FILE 77, PAGE 98 OF OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "BLV90 29E6", CITY OF LAS VEGAS RIVET & ROUND PLATE IN CONCRETE PAD, NORTHWEST CORNER OF TROPICAL PKWY AND RILEY ST ±100' NORTH OF TROPICAL PKWY.
 ELEVATION = 2499.06 (FEET)
 761.714 (METERS)
 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD'88)

APPROVALS:

[Signature] 5-23-08
 LAS VEGAS VALLEY WATER DISTRICT PROJECT #115108 DATE APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD.
[Signature] 5.2.08
 CITY OF LAS VEGAS FIRE MARSHAL DATE



OWNER: CITY OF LAS VEGAS
 DEPARTMENT OF PUBLIC WORKS
 ARCHITECTURAL SERVICES

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 LAS VEGAS, NEVADA 89101
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DRAWN: JCM/KG
 FILE:
 DATE: APRIL 2008
 SCALE: 1:30
 BID NO: 07.15341.16
 CIV DWG NO: 650.100
 H# 26759

UT-1

May 02, 2008 - 1:44pm - USER: mcorcos.buh
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