

BENCHMARK

CITY OF LAS VEGAS NO. 1LV10/8C4, PIN AND PLATE IN TOP OF CURB EAST SIDE OF CRYSTAL WATER WAY @ MARINER COVE.
ELEVATION = 2702.31 FEET (NAVD 88)

BASIS OF BEARING

NORTH 43°37'07" WEST, BEING THE CENTERLINE OF CRYSTAL WATER WAY AS RECORDED IN BOOK 41, PAGE 52 (LAKESIDE CONDOMINIUMS NO. 1) AS FILED IN THE CLARK COUNTY, NEVADA RECORDERS' OFFICE.

ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES

DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS.

LEGEND

- 2283 EXISTING 1' CONTOURS
- 2265 EXISTING 5' CONTOURS
- 36.66 PROPOSED GRADE
- (63.33) EXISTING GRADE
- SS PROPOSED SANITARY SEWER LINE
- SS EXISTING SANITARY SEWER LINE
- WL PROPOSED WATER LINE
- WL EXISTING WATER LINE
- WL PROPOSED FIRE SPRINKLER LINE
- GAS EXISTING GAS LINE
- EXIST./PROP. EDGE OF ASPHALT
- PROPERTY/RIGHT-OF-WAY LINE
- CENTERLINE
- EXIST./PROP. BLOCK WALL
- EX. OVERHEAD POWER/TELEPHONE
- SAWCUT LINE
- EXIST./PROP. SANITARY SEWER MANHOLE
- EXIST./PROP. 100W HPS STREETLIGHT
- EXIST./PROP. 150W HPS STREETLIGHT
- EXIST./PROP. 250W HPS STREETLIGHT
- HANDICAPPED SYMBOL
- EXIST./PROP. FIRE HYDRANT
- EXIST./PROP. GATE VALVE
- EXIST./PROP. REDUCING VALVE
- EXIST./PROP. CLEANOUT
- PROPOSED CONCRETE

ABBREVIATIONS

- AC ASPHALTIC CONCRETE
- BCR BEGINNING OF CURB RETURN
- BSW BACK OF SIDEWALK
- BVC BEGIN VERTICAL CURVE
- CC CLARK COUNTY
- CLV CITY OF LAS VEGAS
- CH CITY OF HENDERSON
- CL CENTERLINE
- CO SEWER CLEANOUT
- CONC CONCRETE
- E EXISTING ELECTRICAL LINES
- ECR END OF CURB RETURN
- EG EXISTING GRADE
- EP EDGE OF PAVEMENT
- EX EXISTING
- FF FINISHED FLOOR
- FL FLOWLINE
- GB GRADE BREAK
- HP HIGH POINT
- IE INVERT ELEVATION
- LVWD LAS VEGAS VALLEY WATER DISTRICT
- NTS NOT TO SCALE
- OH EXISTING OVERHEAD POWER
- PE PAD ELEVATION
- PL PROPERTY LINE
- PP POWER POLE
- SD STORM DRAIN LINE
- SF SQUARE FEET
- SL STREET LIGHT
- SNWA SOUTHERN NEVADA WATER AUTHORITY
- SS SANITARY SEWERLINE
- STA STATION
- SW SIDEWALK
- TC TOP OF CURB
- T/C EX. TELECOMMUNICATIONS/CABLE
- TW TOP OF WALL
- VC VERTICAL CURVE
- VO VALLEY CUTTER
- WL WATERLINE
- WM WATER METER

CALL
before you
DIG

811

UNDERGROUND SERVICE (USA)
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY

CALL
before you
Overhead

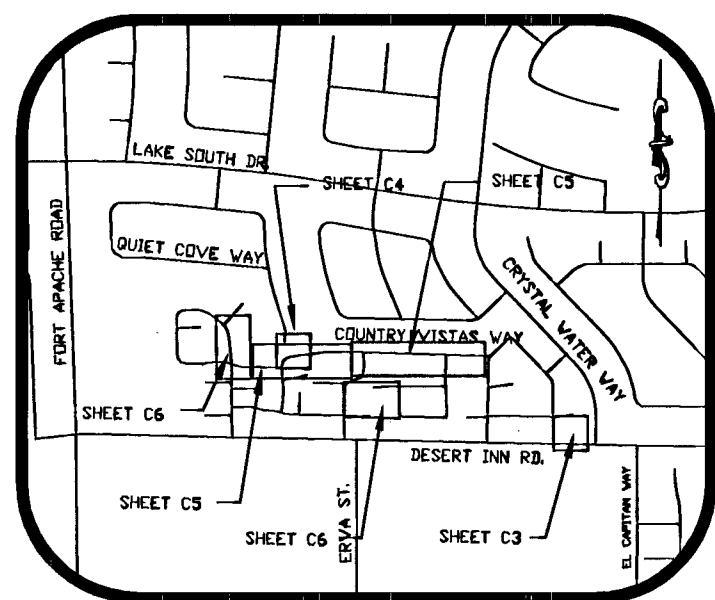
1-702-227-2929

UNDERGROUND SERVICE (USA)
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY

Call
before you
UnderGround

1-702-455-7544

CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION



VICINITY MAP

NOT TO SCALE
SEC. 8, T 21 S, R 60 E

QUANTITIES

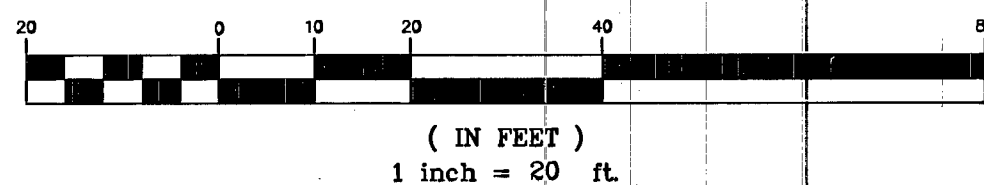
	PUBLIC	PRIVATE
8" WATERLINE		953 LF
8"x8" MECHANICAL JOINT TAPPING SLEEVE		1 EA
8"x8" TAPPING VALVE		1 EA
12"x8" REDUCER		1 EA

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

CONSTRUCTION NOTES

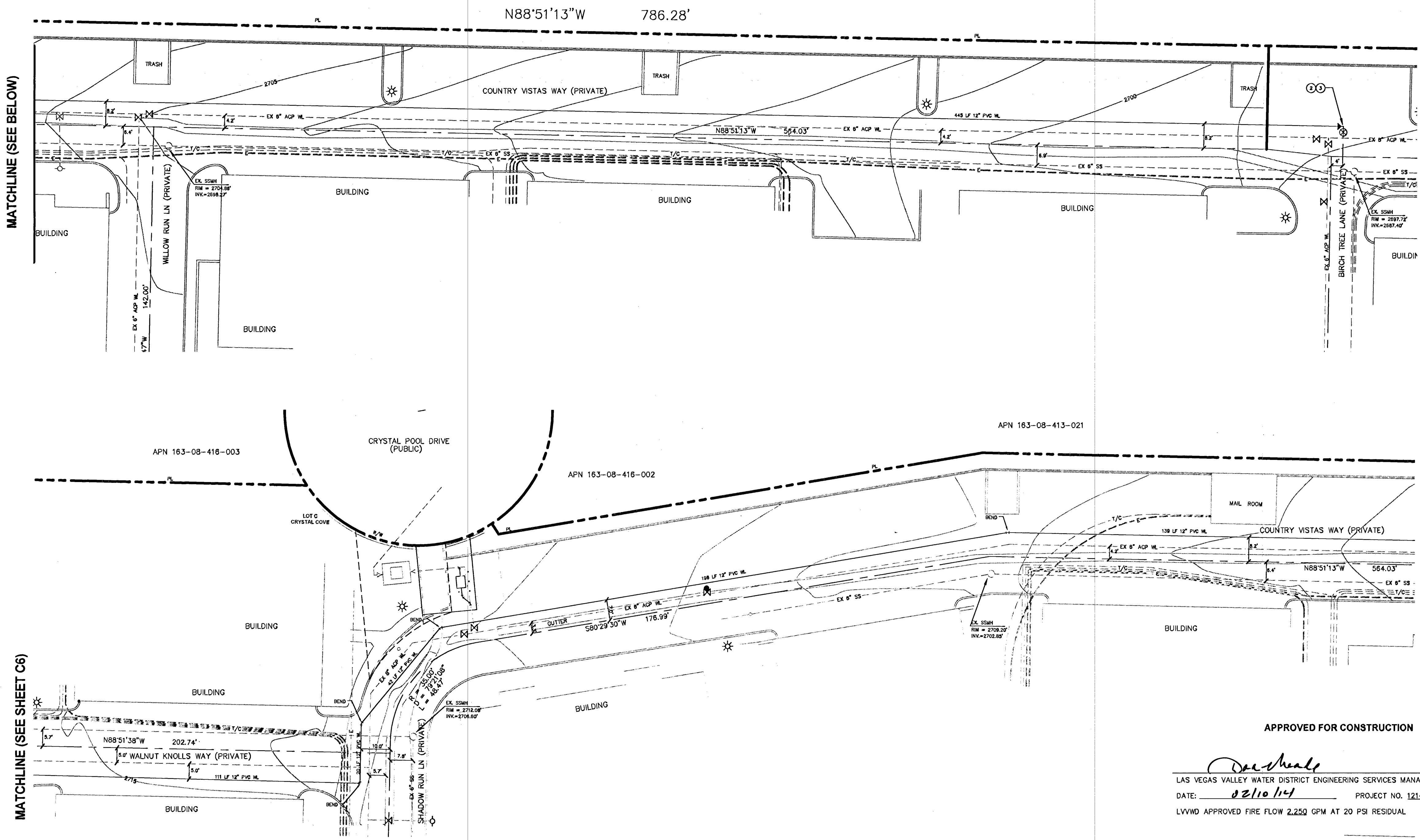
- LOCATION OF UNDERGROUND UTILITIES ON THE DRAWINGS WERE OBTAINED BY A PROVIDED FIELD SURVEY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THE LOCATION SHOWN ON THE DRAWINGS.
- CONNECT TO THE EXISTING 8" ACP WATERLINE WITH A PROPOSED 12" PVC WATERLINE. CONNECTION TO CONSIST OF A 8"x8" MECHANICAL JOINT TAPPING SLEEVE WITH A 8"x8" TAPPING VALVE PER UDACS STANDARDS. ALSO INSTALL A 12"x8" REDUCER.
- CONTRACTOR TO INSURE THAT PROPER CLEARANCE IS PROVIDED AT THE CROSSING OF ANY EXISTING DRY OR WET UTILITY LINES PER THE LVWD UDACS CROSSING REQUIREMENTS AND AN OTHER REQUIREMENTS THAT MAY APPLY.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft

1" = 20'



APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 02/10/14 PROJECT NO. 121453
LVWD APPROVED FIRE FLOW 2,250 GPM AT 20 PSI RESIDUAL

LEWIS OPERATING CORP CLARK COUNTY, NEVADA LAS VEGAS, NEVADA 89118 (702)891-5260 OFFICE	4222 E. PINECREST CIRCLE LAS VEGAS, NV 89121 PH: (702) 597-2988 FAX: (702) 597-0305
8 INCH WATERLINE ADDITION COUNTRY VISTAS WAY	CRYSTAL COVE FMCT BACKFLOW RETROFIT AND ONSITE WATERLINE ADDITION
DRAWN BY: KJE DESIGNED BY: KJE CHECKED BY: KJE PROJECT NO: 293.1	FILE NAME: UT-293-1C5.DWG 2/1/14
STAMP SCALE HORIZONTAL: 1"=20' VERTICAL: NA	
SHEET C5 5 OF 6 SHEETS PROJECT 107V6164	

H#48392