

BENCHMARK

CITY OF LAS VEGAS NO. 11/10/84, 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°57'07" WEST, BEING THE CENTERLINE OF CRYSTAL WATER WAY AS RECORDED IN BOOK 41, PAGE 52 (LAKE-SIDE 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 ASPBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS.

LEGEND

- 2263 EXISTING 1' CONTOURS
- 2265 EXISTING 5' CONTOURS
- 38.66 PROPOSED GRADE
- (83.33) 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
- S/S 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
- COH CITY OF HENDERSON
- CL CENTERLINE
- CO SEWER CLEANOUT
- CONC CONCRETE
- ENC 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
- VG VALLEY GUTTER
- 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

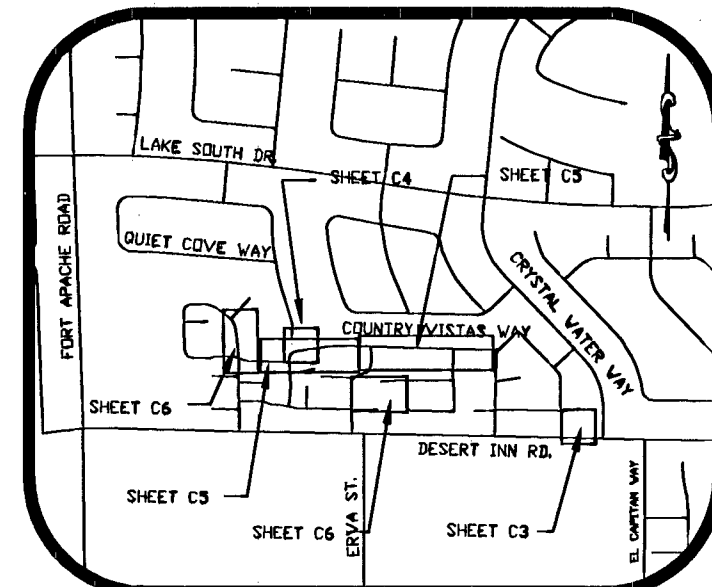
Call
before you
UnderGround

1-702-455-7544

CLARK COUNTY TRAFFIC OPERATIONS
AND

1-702-432-5300

FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION



VICINITY MAP

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

QUANTITIES

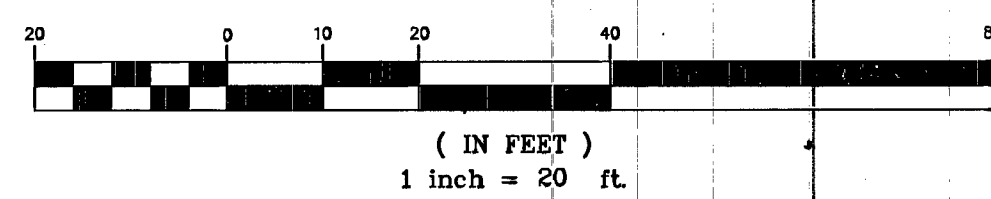
	PUBLIC	PRIVATE
8" WATERLINE		195 LF
12" WATERLINE		405 LF
6"x8" MECHANICAL JOINT TAPPING SLEEVE		3 EA
6"x8" TAPPING VALVE		3 EA
8"x8" REDUCER		2 EA
12"x8" REDUCER		1 EA

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 6" ACP WATERLINE WITH A PROPOSED 8" PVC WATERLINE. CONNECTION TO CONSIST OF A 6"x8" MECHANICAL JOINT TAPPING SLEEVE WITH A 6"x8" TAPPING VALVE PER UDACS STANDARDS. PROVIDE A 6"x8" REDUCER TO TRANSITION FROM THE 6" LINE TO THE PROPOSED 8 INCH LINE.
- CONNECT TO THE EXISTING 8" ACP WATERLINE WITH A PROPOSED 12" PVC WATERLINE. CONNECTION TO CONSIST OF A 6"x8" MECHANICAL JOINT TAPPING SLEEVE WITH A 6"x8" TAPPING VALVE PER UDACS STANDARDS. PROVIDE A 6"x12" REDUCER TO TRANSITION FROM THE 6" LINE TO THE PROPOSED 12 INCH LINE.
- 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.

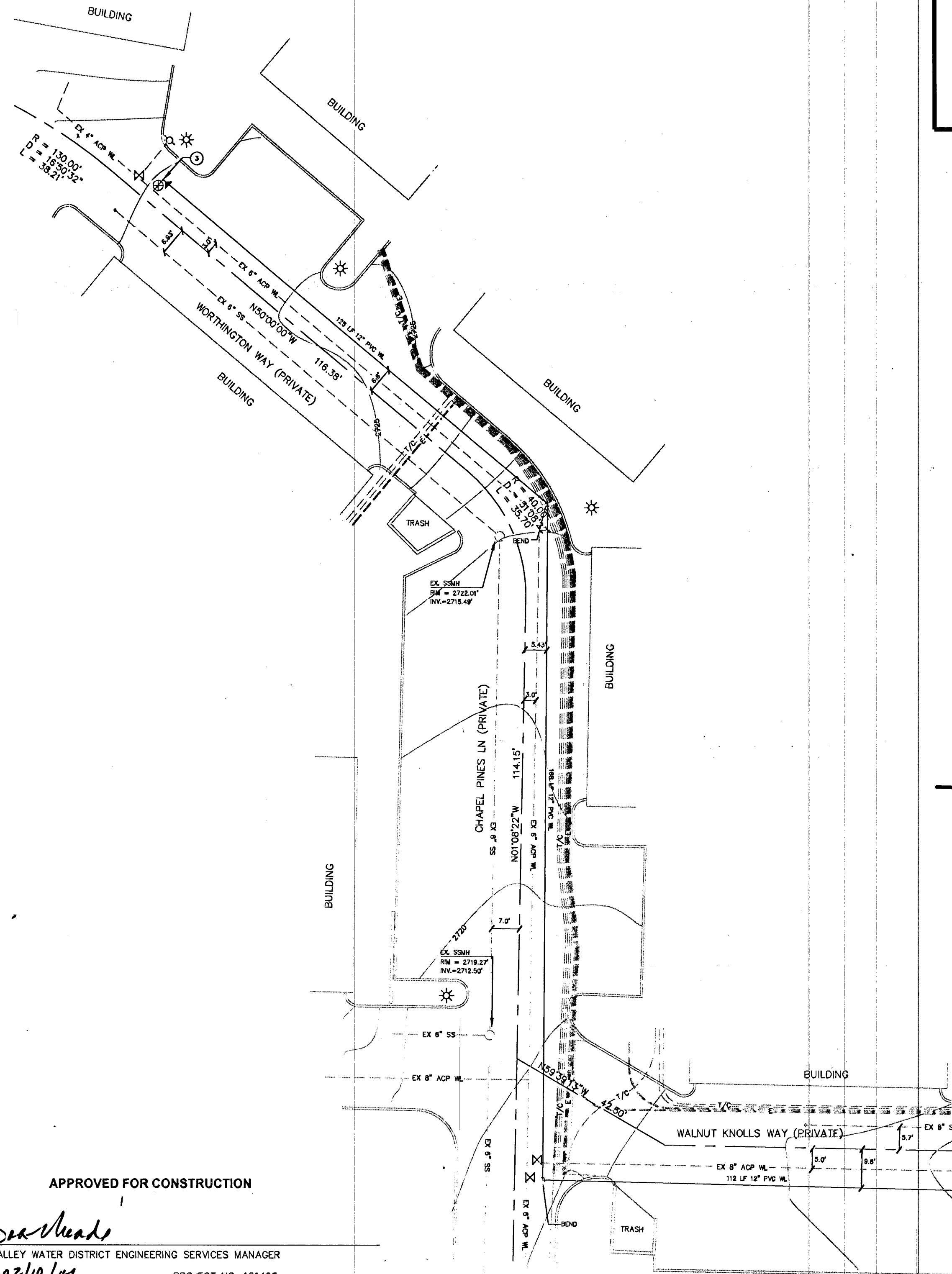
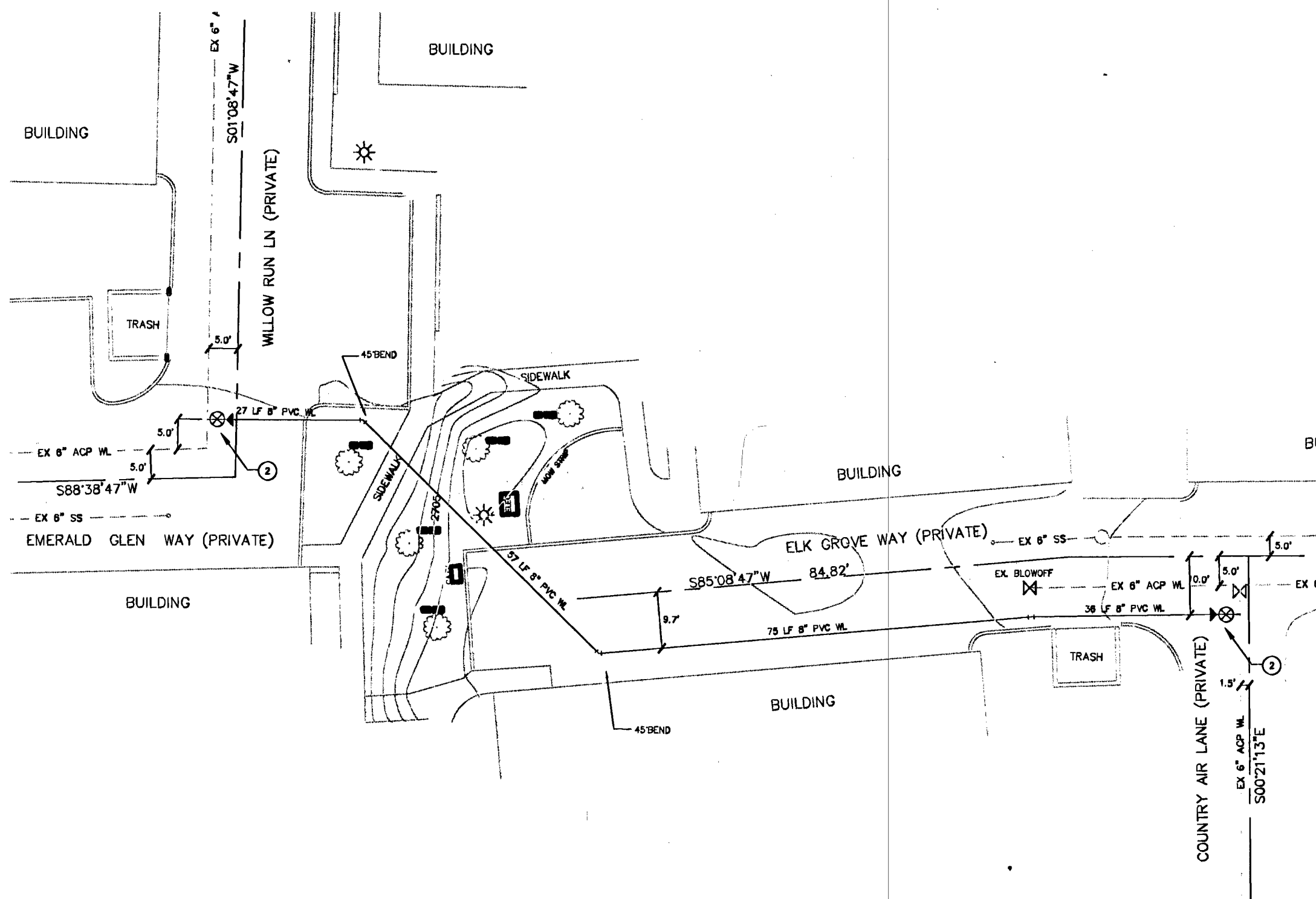
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

N

1" = 20'



APPROVED FOR CONSTRUCTION

Don Head
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE: 02/10/14 PROJECT NO. 121455

LVWD APPROVED FIRE FLOW 2,250 GPM AT 20 PSI RESIDUAL

LEWIS OPERATING CORP
CLARK COUNTY
5245 VEGAS BLVD. #8118
(702) 881-5260 OFFICE

4222 E. PINECREST CIRCLE
LAS VEGAS, NV. 89121
PH. (702) 597-2988
FAX. (702) 597-0305

CRYSTAL COVE
FMCT BACKFLOW RETROFIT AND
ONSITE WATERLINE ADDITION

DRAWN BY: 2/1/14
DESIGNED BY: 2/1/14
CHECKED BY: 2/1/14
PROJECT NO: 121455
FILE NAME: UT-203-108.DWG

2/1/14
SCALE
HORIZONTAL: 1"=20'
VERTICAL: NA

SHEET
C6
6 OF 6 SHEETS
PROJ/TP DWG
107V6164

H# 48392