

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.06.01 AND 2.06.02.

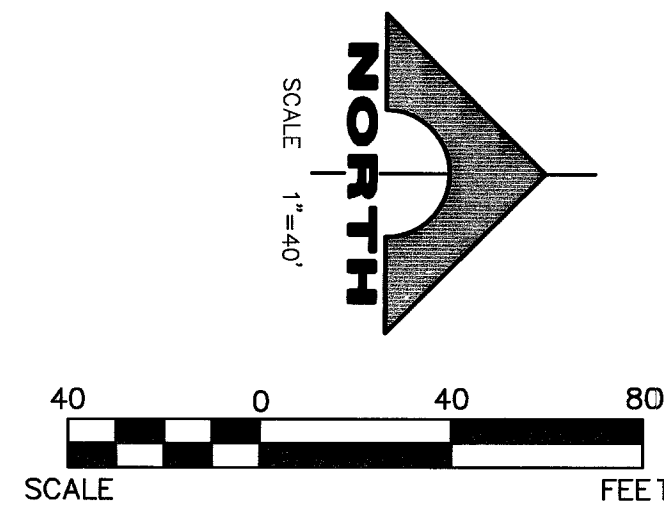
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

THE WATER PLANS SHOW ONE OR MORE VALVED OUTLETS EXTENDING OUT OF PAVED AREAS. INSTALLATION OF THESE OUTLETS IS ACCEPTABLE, HOWEVER, IF THE OUTLETS ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON WHEN THE PROPERTY IS ACTUALLY DEVELOPED, THE DEVELOPER SHALL ABANDON THE OUTLETS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE DISTRICT'S STANDARDS, AND AT THE DEVELOPER'S EXPENSE. APPROVAL OF THE VALVED OUTLET DOES NOT PROVIDE OR IMPLY A WATER COMMITMENT.

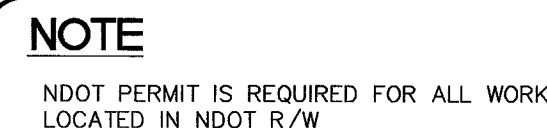
APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS
PLATE NO. 11A NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION
UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE
LVVWD

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.

EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.



SCALE
HORIZ. 1" = 40'
VERT. 1" = 4'

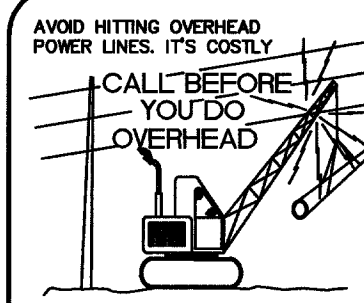


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INSTALL PIPELINE MARKER BALLS IN TRENCH LOCATED ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO 27.

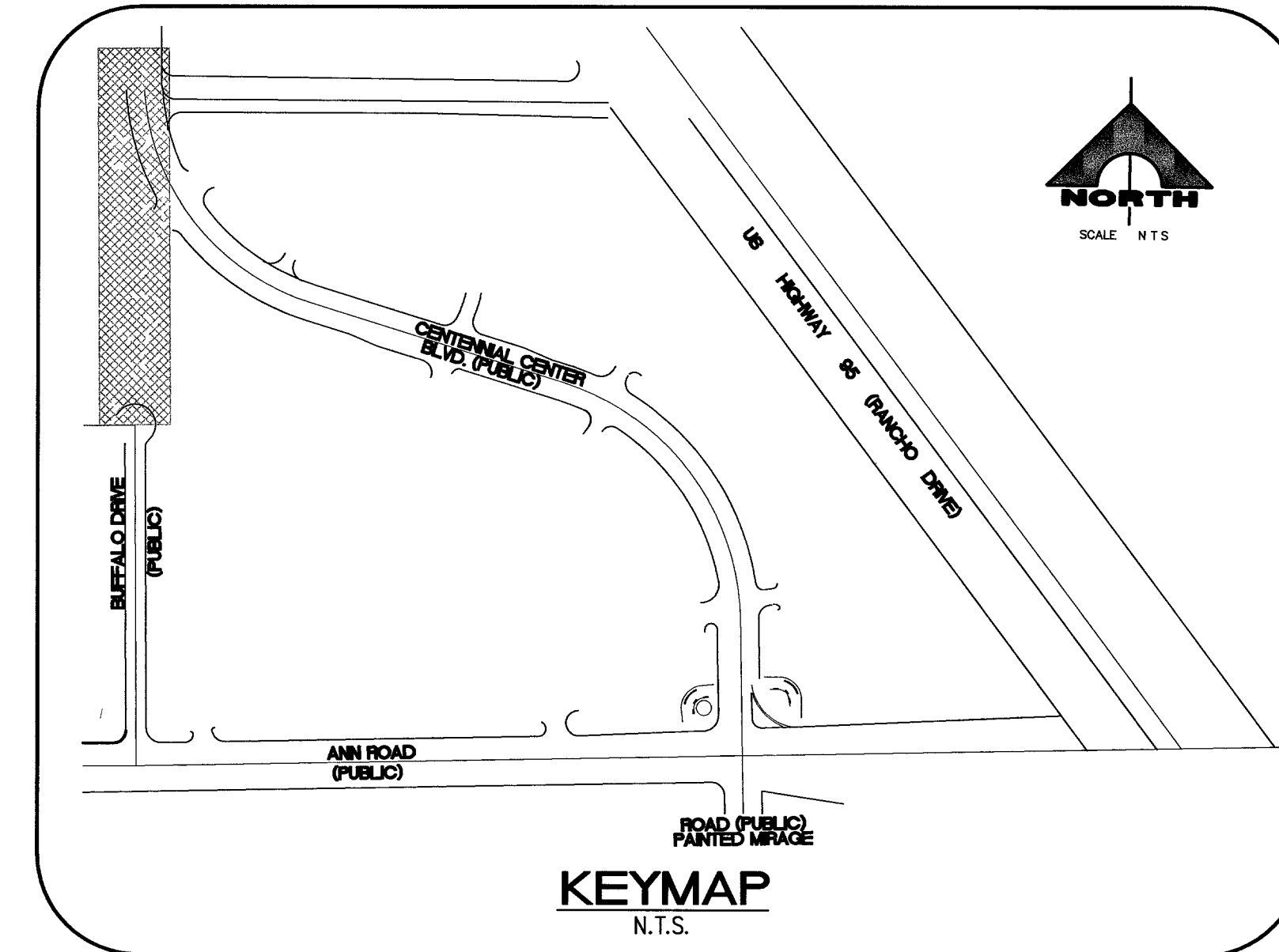
DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS.

SITE VISIBILITY RESTRICTION ZONE
SEE SHEET C-21 FOR
DIMENSIONS



Avoid cutting underground utility lines. It's costly.

Ca
before yo
D 
1-800-227-26



- 1 INSTALL 12" C-900 PVC WATER LINE
- 2 INSTALL 8" C-900 PVC WATER LINE
- 3 INSTALL 12"x8" TEE WITH 8" GATE VALVE
- 4 INSTALL 12" GATE VALVE
- 5 LATERAL UTILITY CROSSING
- 6 INSTALL CAP W/2" BLOW OFF ASSEMBLY PER UDACS PLATE NO 4A
- 7 INSTALL 22.5" BEND.
- 8 INSTALL 45° BEND
- 9 INSTALL CAP FOR FUTURE CONNECTION.
- 10 INSTALL 48" SEWER MANHOLE PER UDACS SD-1
- 11 INSTALL 8" PVC SANITARY SEWER LINE
- 12 INSTALL 8" GATE VALVE
- 13 INSTALL 8" TEE
- 14 INSTALL 90° BEND
- 15 WATER CROSSING (SEE DETAIL 142 SHEET C-4)
- 16 INSTALL 6" PVC SANITARY SEWER LINE WITH 8"x6" WYE
- 17 INSTALL 8"x6" TEE
- 18 EX STREETLIGHT TO BE REMOVED AND SALVAGED SEE STREETLIGHTING PLANS
- 19 INSTALL IRRIGATION SLEEVES, (2) - 4" SCHEDULE 40 PVC CONDUITS.
- 20 INSTALL IRRIGATION SLEEVES, (1) - 6" SCHEDULE 40 PVC CONDUIT
- 21 INSTALL 1" COPPER WATERLINE
- 22 INSTALL SERVICE SADDLE, CORPORATIONS STOP & 1" WATER METER PER UDACS PLATE NO 1D
- 23 INSTALL 1" R.P.P. PER UDACS PLATE NO. 11A
- 24 INSTALL 24" TAPPING SLEEVE W/ 12" TAPPING VALVE AS PER UDACS PLATE 22
- 25 INSTALL 10" MJ TAPPING SLEEVE W/ 8" TAPPING VALVE AS PER UDACS PLATE 22
- 26 INSTALL 10"x8" TEE W/ 8" GATE VALVE.
- 27 INSTALL 10" GATE VALVE
- 28 INSTALL 10" C-900 PVC WATER LINE
- 29 CONCRETE ENCASEMENT PER DETAIL 3/C-4
- 30 INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO 7 WITH 6" WATER LINE AND 6" GATE VALVE. FIRE HYDRANT SHALL BE INSTALLED 3' BEHIND BACK OF CURB WITHIN THE LANDSCAPE AREA
- 31 ADJUST WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE NO. 8 VALVE SHALL BE ACCESSIBLE AT ALL TIMES.
- 32 REMOVE CAP AND BLOW OFF PER UDACS PLATE NO. 4A. NOTE NO 1, AND CONNECT TO EXISTING MAIN
- 33 INSTALL 12" X 8" REDUCER
- 34 INSTALL 22.5° ELBOW
- 35 INSTALL 12" TEE

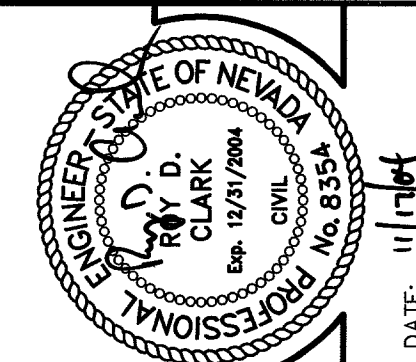
NORTH 88°42'47" EAST FROM THE NORTHWEST CORNER OF SECTION 28, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., MARKED WITH A 3" BLM BRASS CAP, STAMPED "1956" TO THE NORTH-QUARTER CORNER OF SAID SECTION 28, MARKED WITH A 1-1/2" ALUMINUM CAP, PER RECORD MAP OF SURVEY FOR NORTHWEST/WESTERN SEGMENT OF THE LAS VEGAS BELTWAY, RECORDED IN FILE 89, PAGE 3, OF SURVEYS, CLARK COUNTY, NEVADA.

STATION 11V90.33NES
RIVET & PLATE IN TOP OF CURB, ANN ROAD & BUFFALO DRIVE.
SOUTH CURB LINE.
ELEV = 722.9855 (METERS) NAVD88 DATUM
3.28083333 U.S. SURVEY FEET = 1 METER
ELEVATION = 2371.99 FEET
NOTE:
ADD 0.27 FEET TO CURRENT C.L.V. BENCHMARK
PUBLISHED VALUES TO MATCH PROJECT ELEVATIONS.

CURRENT NAVD 88 VALUES
722.9855 METERS
2371.99 FEET

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12/08/04
 LAS VEGAS VALLEY WATER DISTRICT DATE
 PROJ. #109044



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**CENTENNIAL GATEWAY
A LIMITED LIABILITY COMPANY**

CENTENNIAL GATEWAY

**BUFFALO DRIVE UTILITY
PLAN AND PROFILE (STA. 17+50-STA. 23+50)**

DRAWING
C-11
107V4179
11 OF 28 SHTS