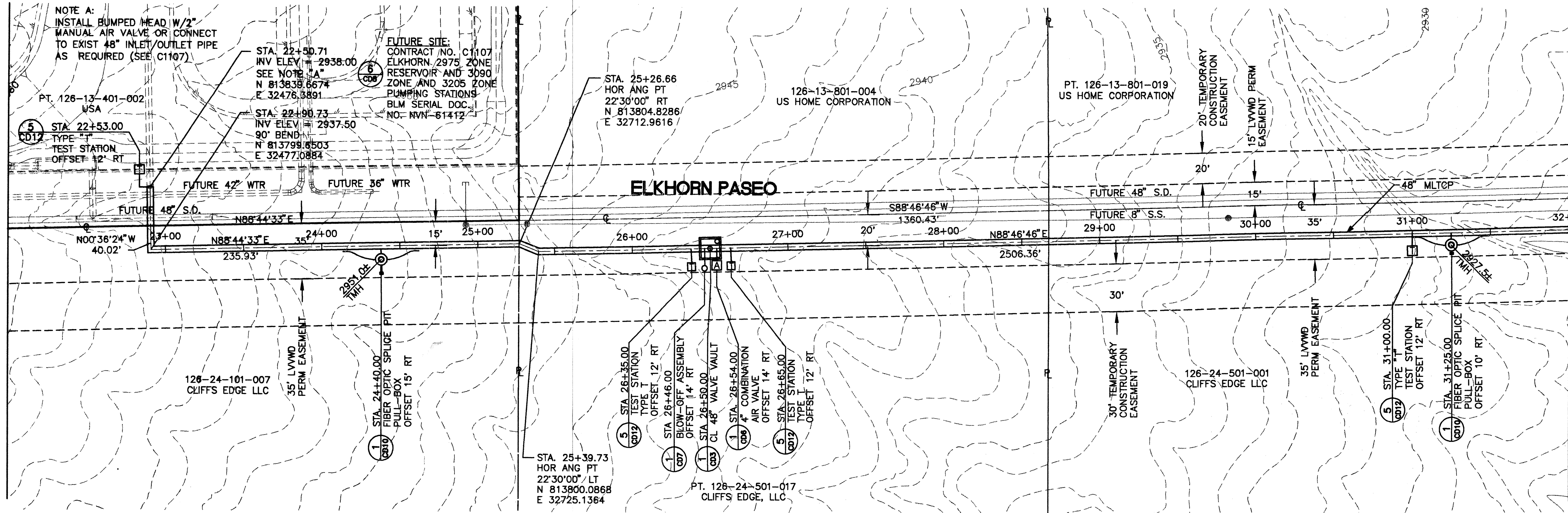


BEGIN CONSTRUCTION
STA. 22+50.71



MATCHLINE STA. 32+00.00
SEE DRAWING C2

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THE PROJECT IS NORTH 00°08'16" EAST, BEING THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4), OF SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK, NEVADA RECORDER'S OFFICE IN FILE 123 AT PAGE 32.

CITY OF LAS VEGAS BENCHMARK

DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

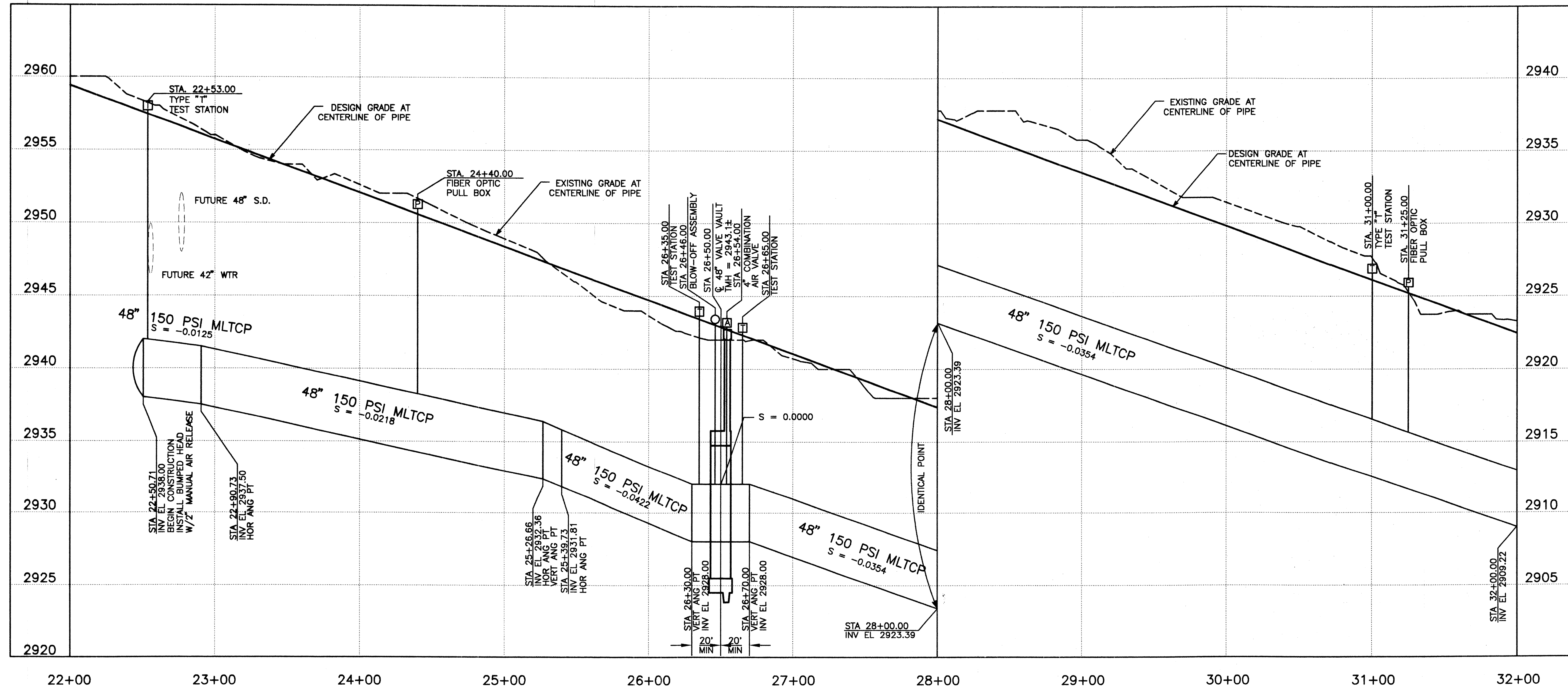
CITY OF LAS VEGAS BENCHMARK: BLV99:13SES
NAVD88 ELEVATION: 869.606 METERS (2853.03 FEET)

RIVET AND PLATE IN CONCRETE CYLINDER NW CORNER OF HUALAPAI AND ELKHORN

NOTE: ADD 0.34' TO ABOVE CITY OF LAS VEGAS BENCHMARK BLV99:13SES TO MATCH ORIGINAL PROJECT BENCHMARK, CLARK COUNTY BENCHMARK 1C00-6N6 (2584.62 FEET) AS SHOWN ON RECORD OF SURVEY FILE 124 PAGE 94.

NOTES:

1. THE COORDINATES SHOWN HEREIN ARE PROJECT COORDINATES BASED UPON THE NEVADA STATE PLANE COORDINATE SYSTEM OF 1983, EAST ZONE, AND ARE FOR REFERENCE ONLY. SEE IMBEDDED RECORD OF SURVEY DRAWING SV1 FOR STATE PLANE COORDINATE CONVERSION FACTORS
2. CONTRACTOR SHALL VERIFY ALL HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES 48 HOURS PRIOR TO CONSTRUCTION OF THE WATER LINE.
3. PIPE DESIGN PRESSURE = 150 PSI.
4. CONTRACTOR TO MAINTAIN ACCESS TO ALL DEVELOPED PROPERTIES (WHERE APPLICABLE). REPLACE ALL OBLITERATED PAVEMENT/MARKINGS WITH CLARK COUNTY APPROVED EQUIPMENT.
5. TRENCH AND BACKFILL PER CLARK COUNTY STANDARD DRAWINGS 502. SEE DETAIL 7, DRAWING CD1.



NEW 48" MLTCL DATA
STL CYL OD = 49.875
STL CYL THK = 0.25"
MORTAR LINING THK = 0.625"
MORTAR COATING THK = 1.0"

WELD ALL JOINTS FROM
STA. 22+50.71 TO 24+35.73
STA. 25+26.00 TO 27+30.00

Avoid cutting underground utility lines. It's costly.

Call
before you
Dig

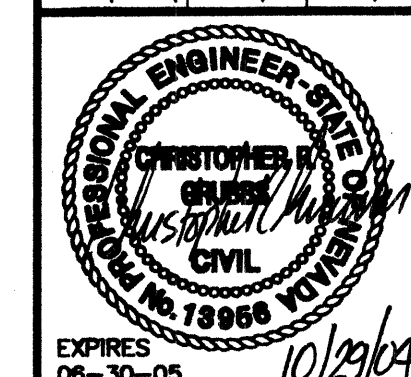
1-800-227-2600

565-44

ELKHORN 2975 ZONE
RESERVOIR INLET/OUTLET PIPELINE

PLAN AND PROFILE
STA. 22+50.71 TO 32+00.00

DRAWN BY: 01/01/04
CHECKED BY: CHRISTOPHER R. GRUBBS, P.E. 01/01/04
RECOMMENDED BY: L. STEVEN ANDERSON DATE
ACCEPTED BY: PETER J. JAUCH DATE



CONTRACT NUMBER
C1123
DRAWING NUMBER C1
SHEET 12 OF 26

VERIFY SCALE
1/2" = 0'
1/2" = 12'

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

LAS VEGAS VALLEY WATER DISTRICT

CONSULTING ENGINEERS
PLANNERS
LAND SURVEYORS

novada

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