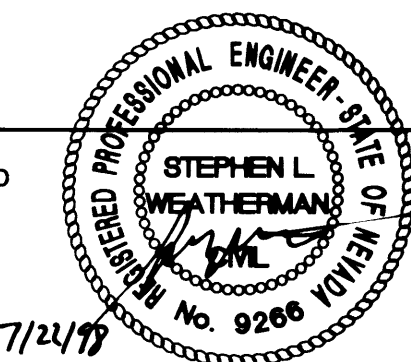


GREELEY AND HANSEN
ENGINEERS
4625 SOUTH POLARIS AVENUE, SUITE 210
LAS VEGAS, NEVADA 89103 (702) 736-7062

DESIGNED SW
DRAWN FT
CHECKED MBH

APPROVED



NO.	DATE	APPD	REVISION

BASIS OF BEARING - PDG N00°00'00"W
BEING THE NORTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 8, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M. CLARK COUNTY, NEVADA. TAKEN AS NORTH 89°44'06"EAST, SADDLE BACK EAST - UNIT 4 MAP, BOOK 62, PAGE 92, RECORDED JULY 14, 1994, CLARK COUNTY, OFFICIAL RECORDS.

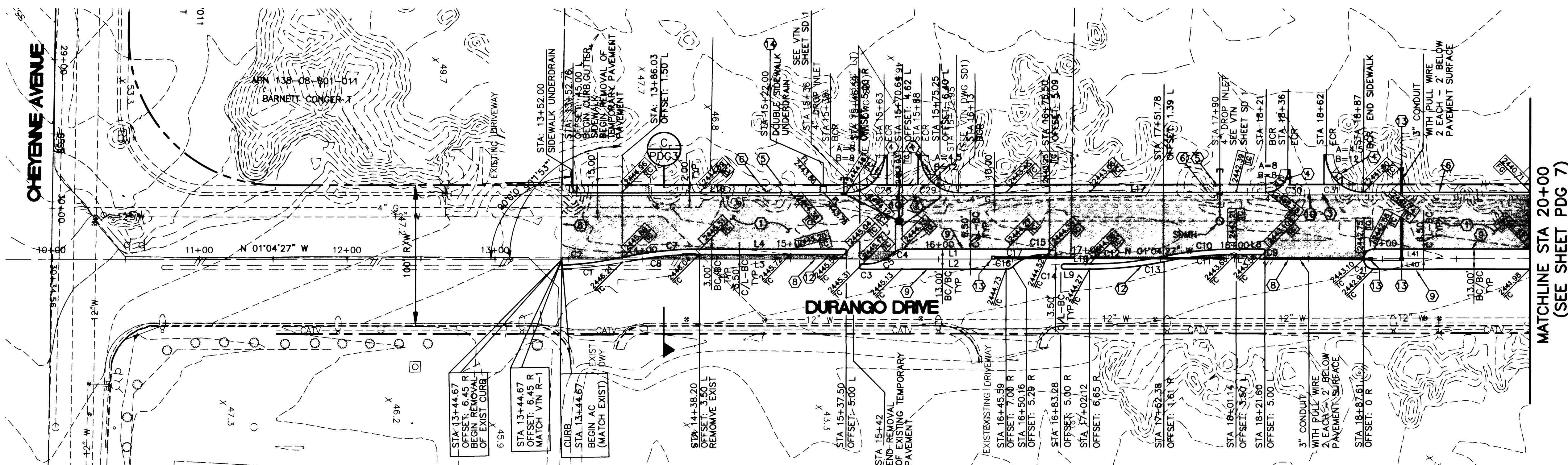
PROJECT BENCH MARK - VTN
PROJECT DATUM: NAVD88
CITY OF LAS VEGAS BENCH MARK 1LV90-33SES
NAVD88 ELEVATION: 717.2083 METERS (2353.04 FEET)
RIVET AND PLATE IN A CONCRETE ELECTRICAL VAULT AT THE NORTHWEST CORNER OF BUFFALO DRIVE AND LONE MOUNTAIN ROAD

PROJECT BENCH MARK - PDG
CITY OF LAS VEGAS BENCH MARK 0LV00-17NEE6, RIVET AND PLATE ON TOP OF CURB, RAMPART BLVD. AND LAZERETTE DRIVE, WEST CURB LINE
PDG ELEVATION TAKEN AS 2468.64 FEET (752.4415 M)
(VTN ELEVATION: 2468.81 FEET)

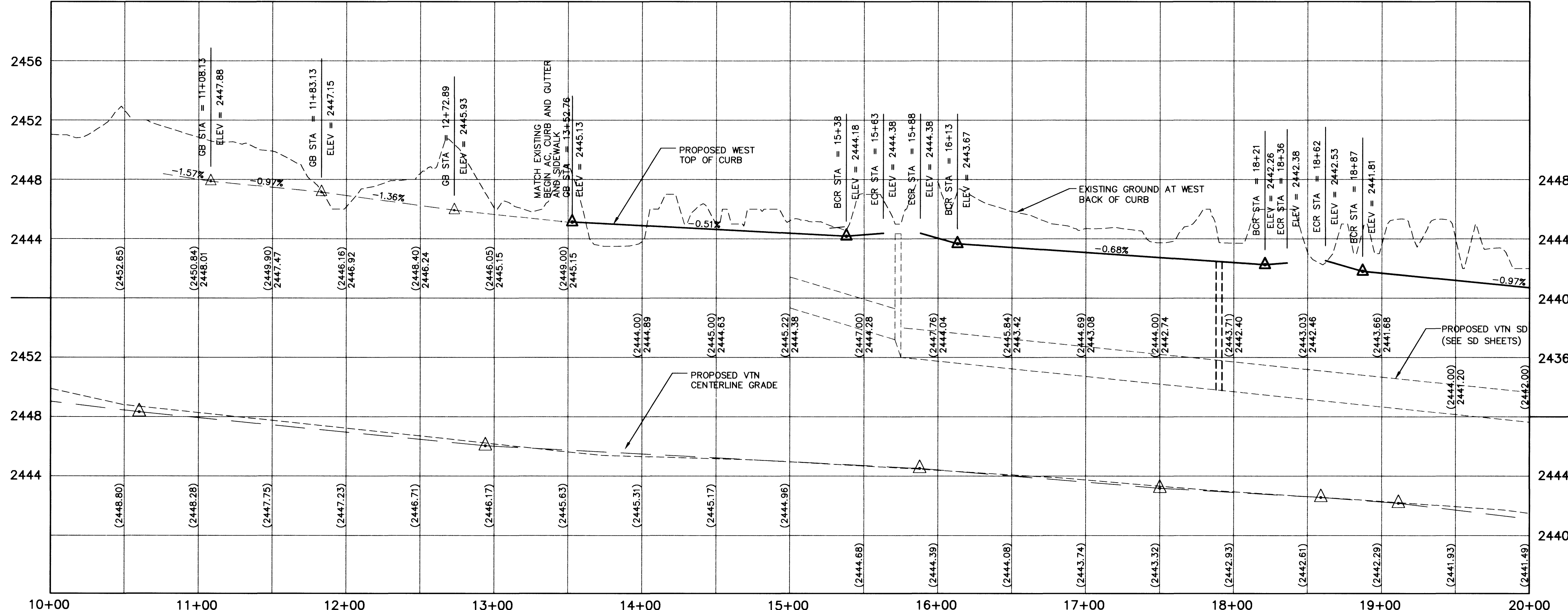
CITY OF LAS VEGAS, NEVADA
DEPARTMENT OF PUBLIC WORKS
NORTHWEST WATER RESOURCE CENTER
100% DESIGN

ROADWAY IMPROVEMENTS
DURANGO DRIVE - STA 13+33.97 TO 20+00
PLAN AND PROFILE

PROJ. NO. 7190
DWG. PDG 6
SHEET 96 OF 106
DATE 07.21.98 REV 0

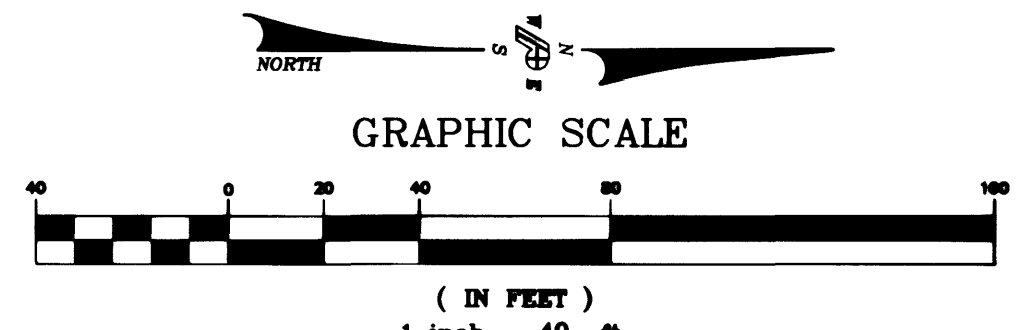


PLAN - DURANGO DRIVE
SCALE: HORZ 1" = 40'



PROFILE - DURANGO DRIVE
SCALE: HORZ 1" = 40'
VERT 1" = 4'

BASIS OF BEARING - VTN (N00°00'00"W)
THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 808, 819, AND 877, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.



LEGEND
DENOTES PDG FINISH GRADE ELEVATION
DENOTES VTN FINISH GRADE ELEVATION

- CONSTRUCTION KEYNOTES**
- CONSTRUCT 5" ASPHALTIC CONCRETE OVER 8" OF TYPE II AGGREGATE BASE IN ACCORDANCE WITH DETAIL NO. A PDG3
 - RELOCATE EXISTING F.H. AS SHOWN HEREON.
 - CONSTRUCT COMMERCIAL DRIVEWAY ENTRANCE PER CLARK COUNTY AREA STD DWG NO. 225
 - CONSTRUCT HANDICAP RAMP PER CLARK COUNTY AREA STD DWG NO. 235 CASE I.
 - CONSTRUCT SIDEWALK IN ACCORDANCE WITH USD NO. 234.
 - CONSTRUCT "L" TYPE CURB AND GUTTER IN ACCORDANCE WITH USD NO. 216.
 - ADJUST TO GRADE IN ACCORDANCE WITH USD NO. 408 (MANHOLES) NO. 517 (VALVE BOX) NO. 506 (METER BOX).
 - SAWCUT EXISTING PAVEMENT AND MATCH EXISTING, AS SHOWN HEREON.
 - CONSTRUCT "A" TYPE CURB IN ACCORDANCE WITH USD NO. 219.
 - CONSTRUCT 8" CROSS GUTTER PER CLARK COUNTY AREA STD AREA DWG NO. 228.
 - CONSTRUCT 4" ASPHALTIC CONCRETE OVER 8" OF TYPE II AGGREGATE BASE IN ACCORDANCE WITH DETAIL NO. B PDG3
 - CONSTRUCT TACK ON ISLAND PER CLARK COUNTY AREA STD DWG NO. 221.
 - CONSTRUCT PULL BOX NO. 5 PER CLARK COUNTY AREA STD DWG NO. 326
 - CONSTRUCT DOUBLE SIDEWALK DRAIN PER DETAIL NO. 2 PDG13

BACK CURB LINE TABLE					
LINE	DIRECTION	DISTANCE	LINE	DIRECTION	DISTANCE
L1	N01°02'56"W	87.87'	L11	S01°02'56"E	320.42'
L2	N01°02'56"W	87.54'	L12	N01°02'56"W	98.00'
L3	N01°02'56"W	97.79'	L13	N01°02'56"W	98.00'
L4	N01°02'56"W	97.80'	L14	S01°02'56"E	924.10'
L5	S01°02'56"E	298.00'	L15	S01°02'56"E	726.64'
L6	N01°02'56"W	526.19'	L16	N01°04'27"W	185.24'
L7	N01°06'06"W	17.96'	L17	N01°04'27"W	208.10'
L8	N01°06'06"W	17.96'	L18	N01°04'27"W	729.77'
L9	N01°04'36"W	17.34'	L40	S01°02'57"E	220.49'
L10	N01°04'36"W	17.34'	L41	S01°02'56"E	220.54'

BACK CURB CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	249.50'	55.31'	27.77'	12°42'03"
C2	250.50'	52.55'	26.37'	12°01'13"
C3	1.50'	4.11'	7.34'	156°54'36"
C4	6.50'	4.68'	2.45'	41°13'43"
C5	50.50'	16.03'	8.08'	181°12'39"
C6	1.50'	4.71'	<infinite>	180°00'00"
C7	249.50'	52.45'	26.32'	12°02'44"
C8	246.50'	49.60'	24.88'	11°31'42"
C9	1.50'	4.71'	<infinite>	180°00'00"
C10	249.50'	49.69'	24.93'	11°24'38"
C11	246.50'	49.09'	24.63'	11°24'38"
C12	250.50'	50.00'	25.08'	11°26'09"
C13	253.50'	50.60'	25.38'	11°26'09"
C14	1.50'	4.71'	<infinite>	180°00'00"
C15	1.50'	4.13'	7.60'	157°40'19"
C16	6.50'	4.63'	2.42'	40°49'13"
C17	50.50'	16.35'	8.24'	18°32'42"
C18	249.50'	50.19'	25.18'	11°31'29"
C19	250.50'	50.18'	25.18'	11°28'42"
C20	1.50'	4.71'	<infinite>	180°00'00"
C21	1.50'	4.71'	<infinite>	180°00'00"
C22	246.50'	49.58'	24.87'	11°31'29"
C23	249.50'	49.98'	25.08'	11°28'42"
C24	250.50'	55.44'	27.83'	12°40'51"
C25	249.50'	50.11'	25.14'	11°30'30"
C26	1.50'	4.71'	3975.67'	180°02'36"
C27	6.50'	20.62'	420.12'	181°46'23"
C28	25.00'	39.27'	25.00'	90°00'00"
C29	25.00'	39.27'	25.00'	90°00'00"
C30	15.00'	23.56'	15.00'	90°00'00"
C31	25.00'	39.27'	25.00'	90°00'00"
C41	20.62'	6.50'	420.12'	181°46'23"

Avoid cutting underground utility lines. It's costly.

Call before you Dig
1-800-227-2600