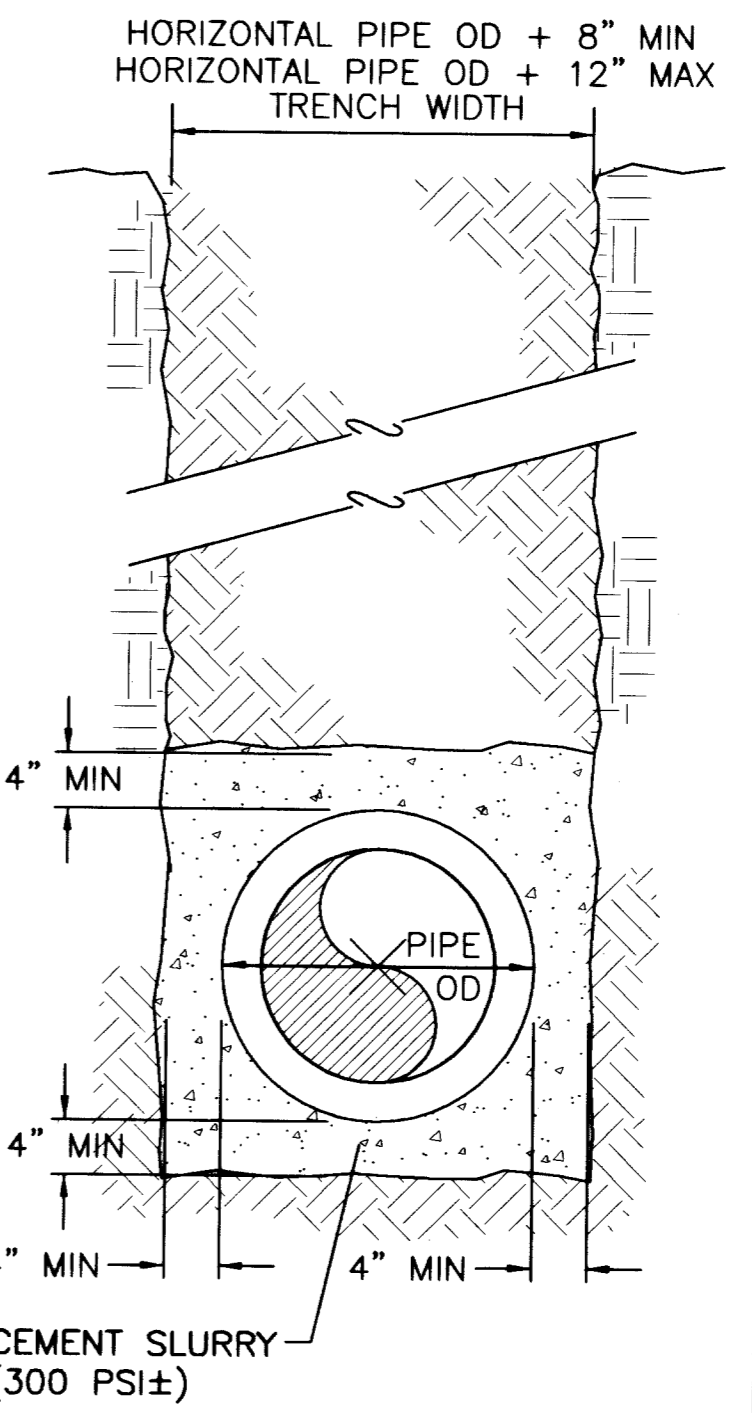


CONSTRUCT TRENCH DRAIN
(SEE DETAIL 1, SHEET P-4)

REMOVE EXISTING DROP INLET
END TRENCH DRAIN
CONSTRUCT TYPE 2 DROP INLET
ONTO EXISTING 18\"/>

NOTES:

- ENCASEMENT SHALL EXTEND 10' EACH WAY FROM THE OUTSIDE EDGE OF THE CROSSING UTILITY. FOR OTHER THAN 90° CROSSINGS, ENCASEMENT SHALL EXTEND TO THE POINT AT WHICH 10' SEPARATION BETWEEN THE CROSSING UTILITIES IS ACHIEVED.
- REASONABLE EFFORTS SHALL BE MADE TO KEEP SEWER AND STORM DRAIN JOINTS AN EQUAL DISTANCE FROM THE CROSSING POINT.
- WHERE STORM DRAIN AND WATER ARE WITHIN 20' HORIZONTALLY AND THE WATERLINE IS LESS THAN 18" ABOVE THE STORM DRAIN, THE STORM DRAIN SHALL BE ENCASED WITH CEMENT SLURRY AS DESCRIBED IN NOTE 1.

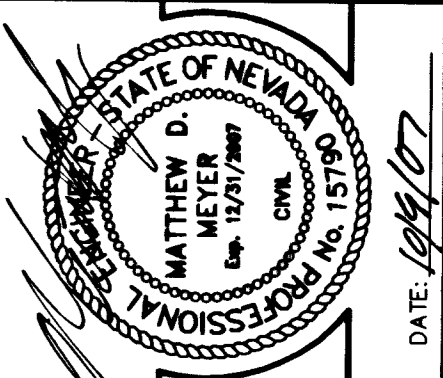


SEWER/STORM DRAIN CROSSING DETAIL

NO SCALE

2
P-5

ADDED NEW SHEET



DATE: 10/14/07

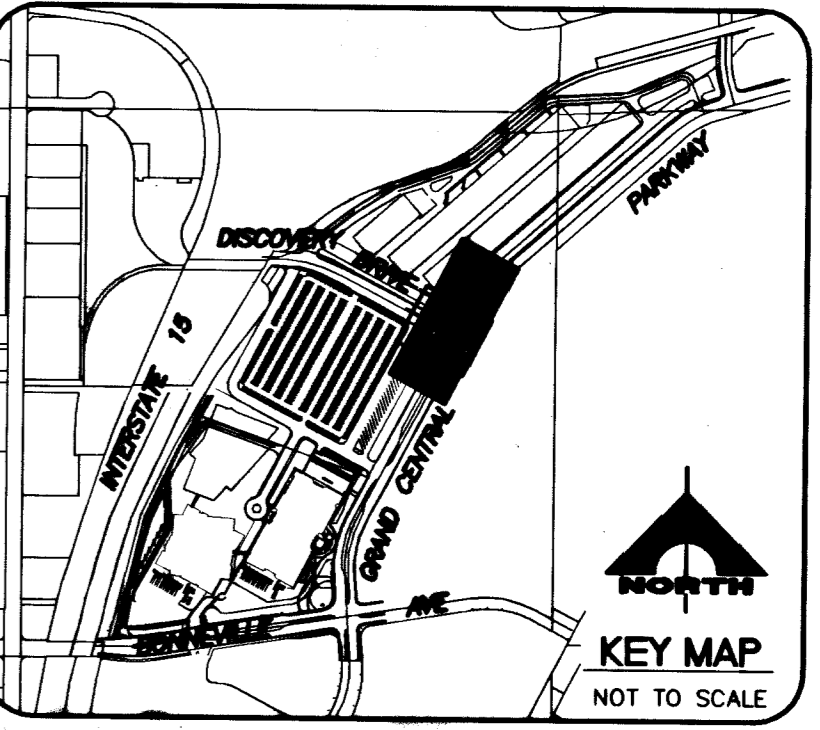
PROTECT WATERLINES IN PLACE. WHERE A WATERLINE IS WITHIN 18" ABOVE A STORM DRAIN LINE, OR WHERE COMPACTION UNDER A WATERLINE CAN NOT BE MET, BACKFILL TRENCH WITH CEMENT SLURRY OR FLOWABLE BACKFILL TO THE SPRINGLINE OF THE WATERLINE.

BASIS OF BEARING

NORTH 27°55'16" EAST, BEING THE BEARING OF THE CENTERLINE OF GRAND CENTRAL PARKWAY, LYING WITHIN THE EAST HALF (E 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN BOOK 53, PAGE 61 OF PLATS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

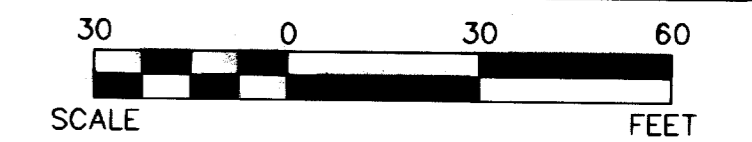
BENCHMARK

CITY OF LAS VEGAS B.M. 2LV01 33C4
NAVD 88 ELEVATION = 623.8552 METERS
2046.76 FEET



STORM DRAIN NOTES:

- ALL PIPE LENGTHS MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR GRADE BREAK OR TO INSIDE EDGE OF DI, RCB, OR STRUCTURE.
- STORM DRAIN MANHOLES AS SHOWN IN PROFILE SHALL BE CONSTRUCTED PER "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS" CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" LATEST EDITION, UNLESS OTHERWISE NOTED.



Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

NO.	DATE	DESCRIPTION
1	10/14/07	ADDED NEW SHEET
2	10/14/07	REVISED STORM DRAIN FOR RIGHT-TURN LANE
3	10/14/07	ADDED STORM DRAIN INLET AND EXTENDED 18\"/>

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
SOUTH: RAINBOW BLVD., LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2600 • FAX: (702) 804-2299
WWW.GCWALLACE.COM

WORLD MARKET CENTER
PHASE 1A
WMC ASSOCIATES, LLC
STORM DRAIN PLAN AND PROFILE
"GCP" 44156.24 TO "GCP" 47196.92

DRAWING
P-5

29B OF 35 SHEETS
RELOT

105909

CLV DWG # 167V311G-1A