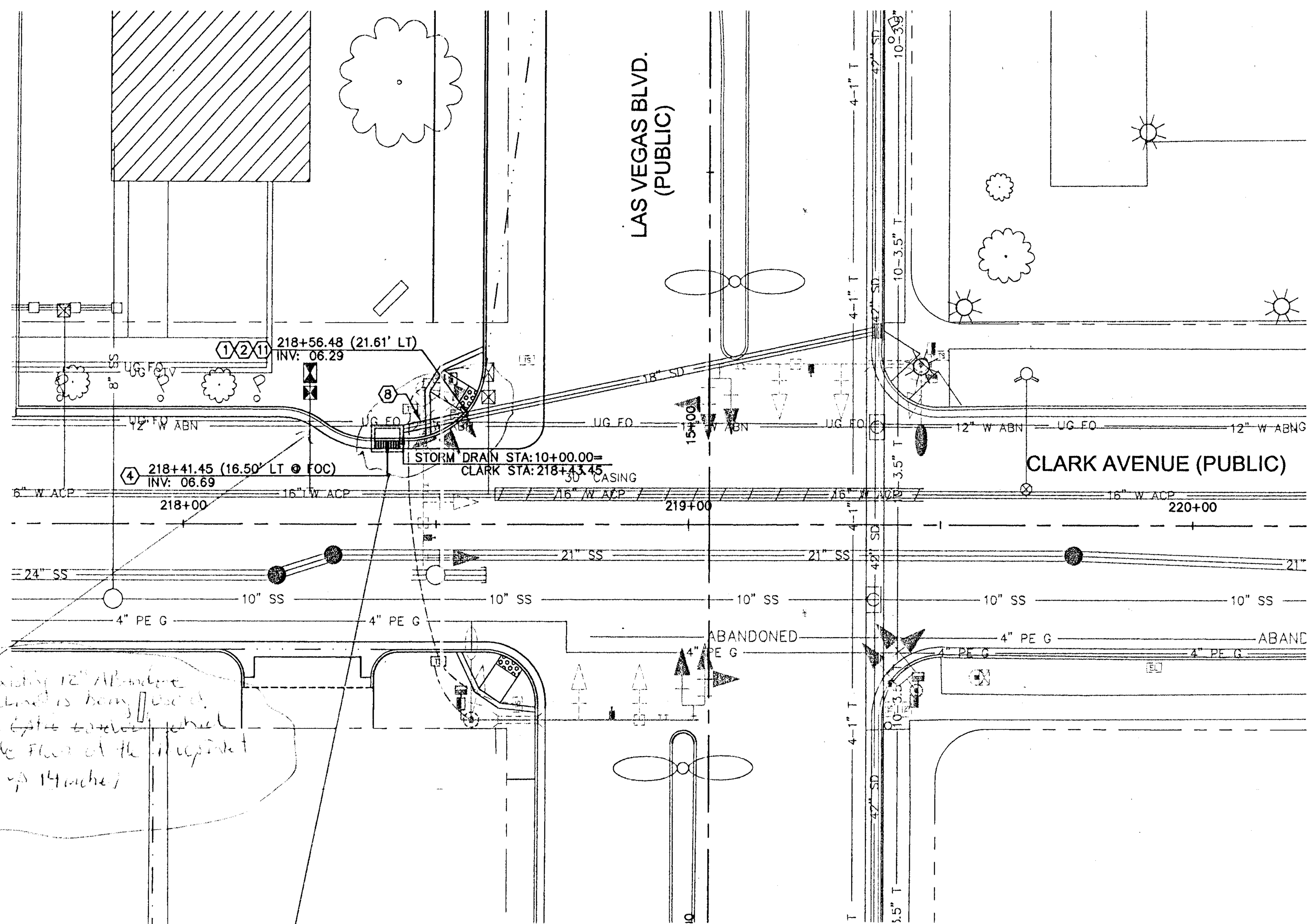
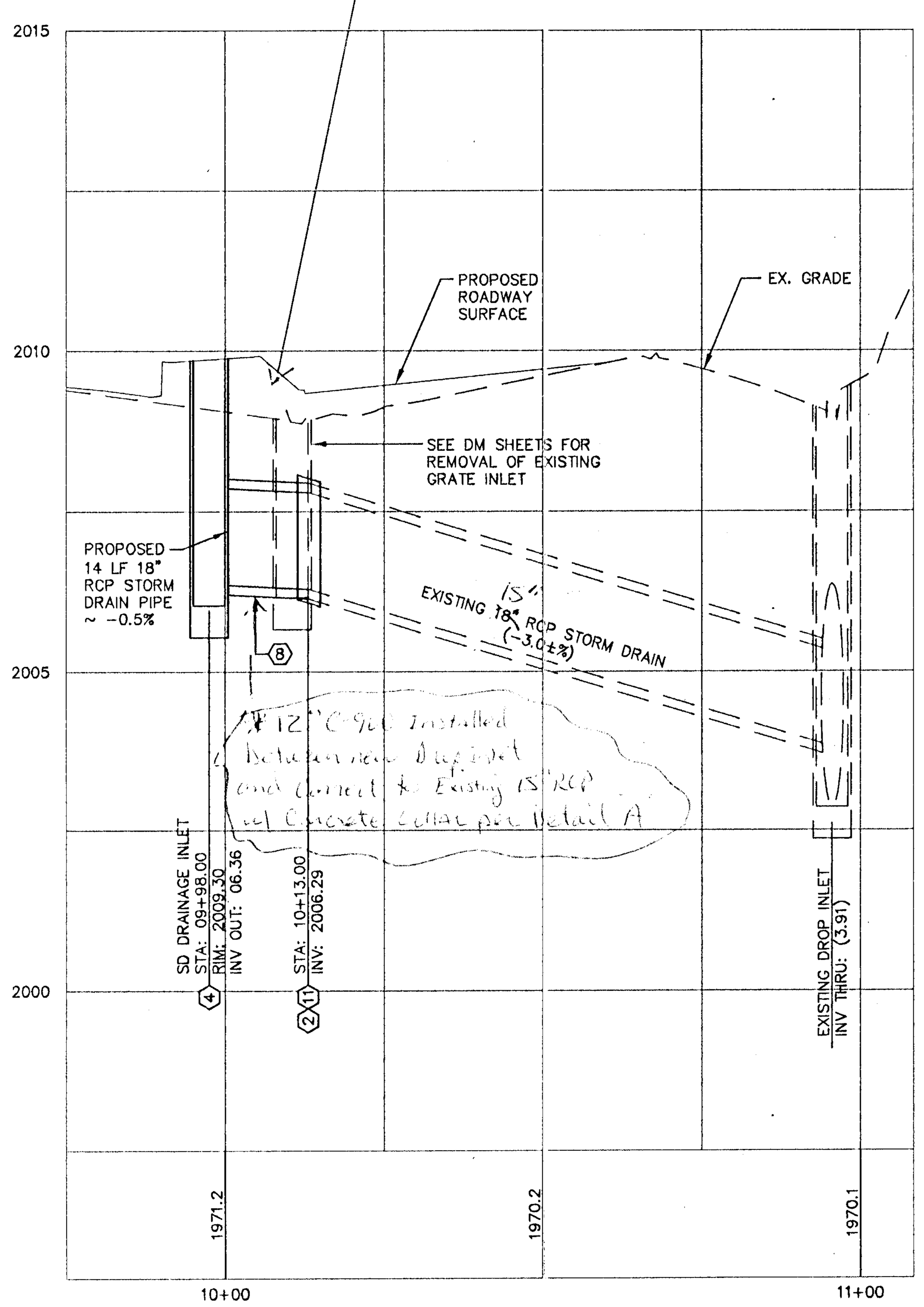
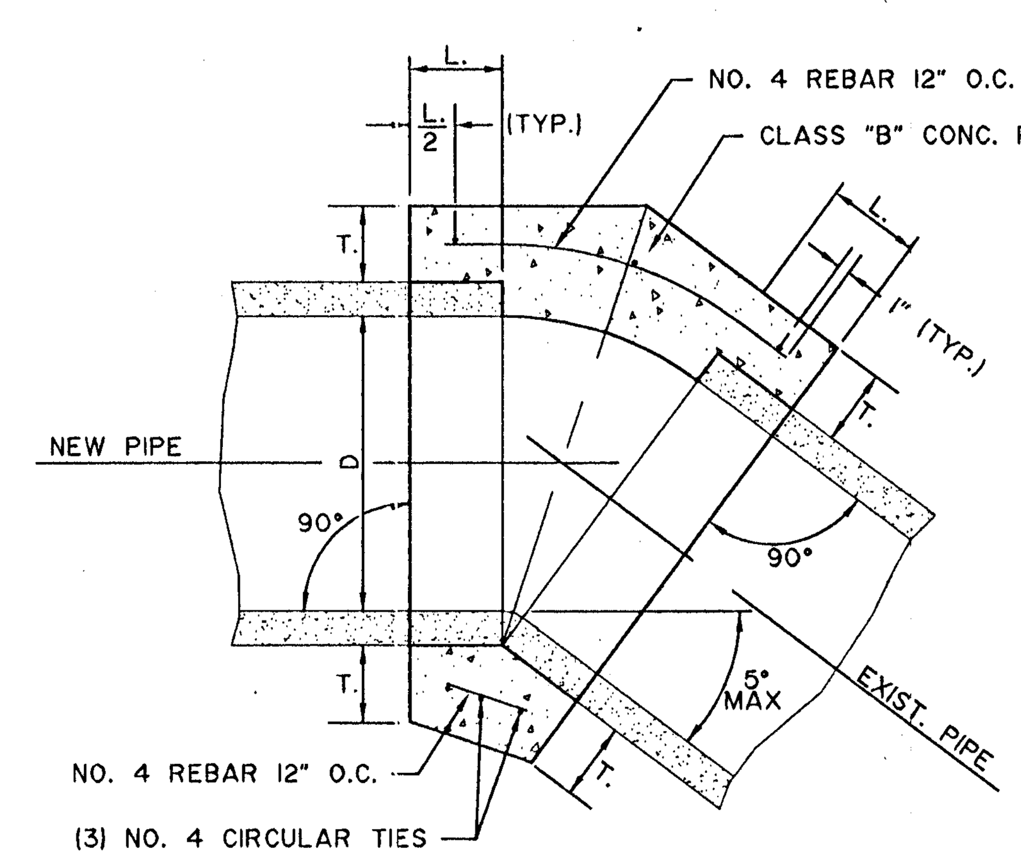


TAND, INC.
AS-BUILT
11-14-11 DATE
DANIEL MEYER

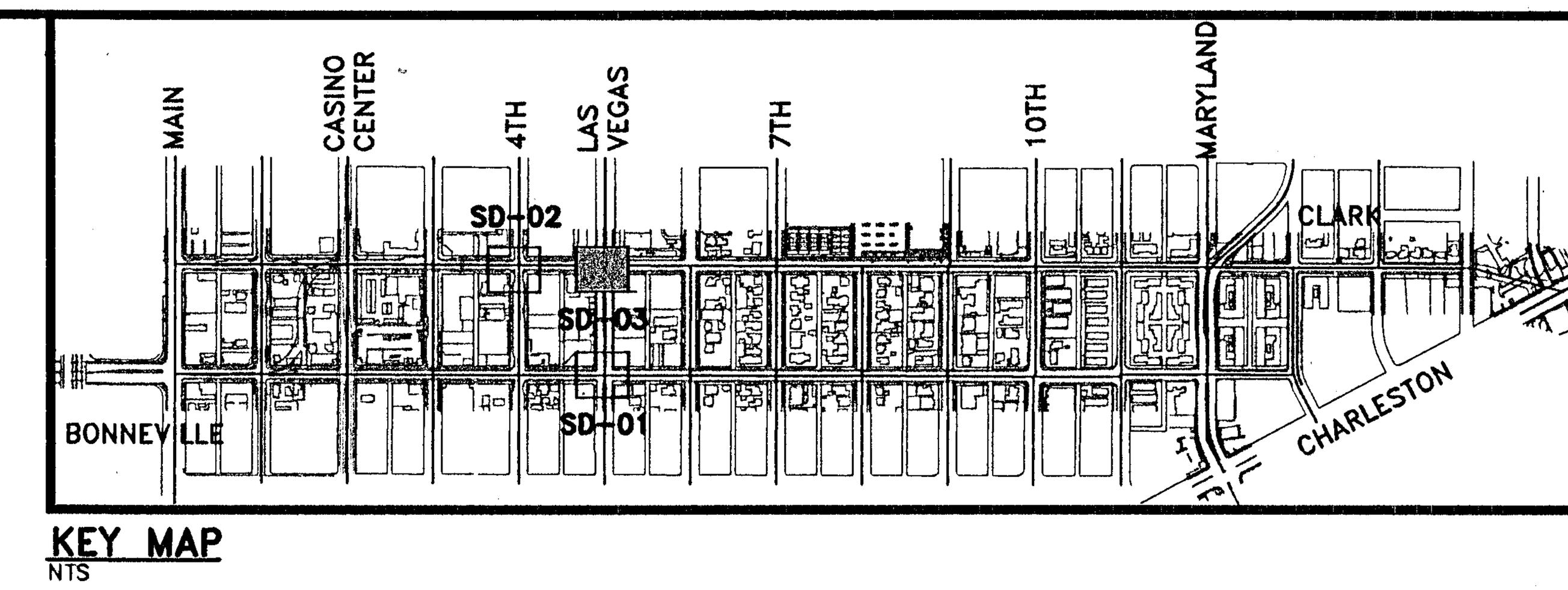




TABLE

D.	L.	T.
12"	1.0'	4"
18"	1.0'	5"
24"	1.0'	6"
36"	1.5'	8"
48"	1.5'	10"
57"	1.5'	10"
60"	1.75'	11"
66"	1.75'	11"

CONCRETE PIPE COLLAR
DETAIL A NTS



KEY MAP
NTS

STORM DRAIN NOTES

1. REMOVE EXISTING DROP INLET.
2. CONNECT PROPOSED IMPROVEMENTS TO EXISTING STORM DRAIN PIPE.
3. CONSTRUCT 60 INCH TYPE III MANHOLE PER CCAUSD No. 406.
4. CONSTRUCT TYPE "CM2" DROP INLET (L=5.0') PER CCAUSD No. 412A.
5. CONSTRUCT TYPE "CM2" DROP INLET (L=15.0') PER CCAUSD No. 412A.
6. INSTALL 24" C-905 PVC PIPE. SEE TRENCH DETAIL SHEET SD-1. STORM PIPE SHALL BE A MINIMUM 6" VERTICAL ABOVE WATER CROSSINGS
7. CONSTRUCT 24" REINFORCED CONCRETE PIPE CLASS III.
8. CONSTRUCT 18" REINFORCED CONCRETE PIPE CLASS III.
9. REMOVE OR ABANDON EXISTING STORM DRAIN LATERAL. IF ABANDON, CUT AND CAP PIPE, BACKFILL WITH CONCRETE SLURRY.
10. CONNECT PROPOSED RCP STORM DRAIN TO EXISTING 48" MANHOLE. PROTECT EXISTING MANHOLE IN PLACE.
11. SAWCUT EXISTING 18" RCP STORM DRAIN 6" FROM EXISTING DROP INLET AND PROTECT EXISTING RCP IN PLACE. CONNECT PROPOSED 18" RCP TO EXISTING 18" RCP WITH CONCRETE PIPE COLLAR PER DETAIL "A" THIS SHEET. SEE TRENCH DETAIL SHEET SD-1.
12. CONSTRUCT TYPE "CM2" DROP INLET (L=10.0') PER CCAUSD No. 412A.

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS GRID NORTH AS DEFINED BY THE NORTH AMERICAN DATUM OF 1983 (NAD 83), NEVADA STATE PLANE EAST (2701) ZONE. SAID BEARINGS WERE DETERMINED BY STATIC GLOBAL POSITIONING SYSTEM (GPS) MEASUREMENTS PROCESSED BY THE NATIONAL GEODETIC SURVEY DIVISION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION USING THE ON-LINE POSITIONING USER SERVICE (OPUS). THE REFERENCE FRAME USED WAS NAD83 (CORS96) WITH AN EPOCH OF 2002.0000. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES.

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "6C01 34SW6", BEING A RIVET & PLATE IN TOP OF CURB ON THE EAST SIDE OF MAIN BETWEEN BONNEVILLE & GARCES @ LIGHT POLE.

ELEVATION: 2027.08 (FEET)
617.8544 (METERS)

CITY OF LAS VEGAS VERTICAL CONTROL DATED 06/2002 BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
NORTH

811 know what's below Call before you dig
SAFETY ALERT Call Before You Overhead 1-702-227-2929
Call before you UnderGround 1-702-432-5300

REVISIONS | DATE

SCALE (H): 1":20' SCALE (V): 1":2' DATE: FEBRUARY 2010
DRAWN BY: WSW DESIGNED BY: WSW CHECKED BY: PM/LM

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CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS
PROJECT: BONNEVILLE/CLARK ONEWAY COUPLET PHASE 1 IMPROVEMENT PLANS
SHEET: STORM DRAIN SHEET

PROFESSIONAL ENGINEER STATE OF NEVADA PETER N. MEYERHOFER Exp: 12/31/11 CIVIL No. 18093
4-25-10

SHEET NO. SD-03
SHEET 41 OF 91
DRAWING NO. 107V5201

BID# 09.1730.37

Apr 25, 2010 - 5:11pm - USER peter.meyerhofer
\\LAVP01\Projects\LAV_PublicTrans\092256019 Bonneville-Clark 2008\CADD\256019sd-01_03.dwg

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