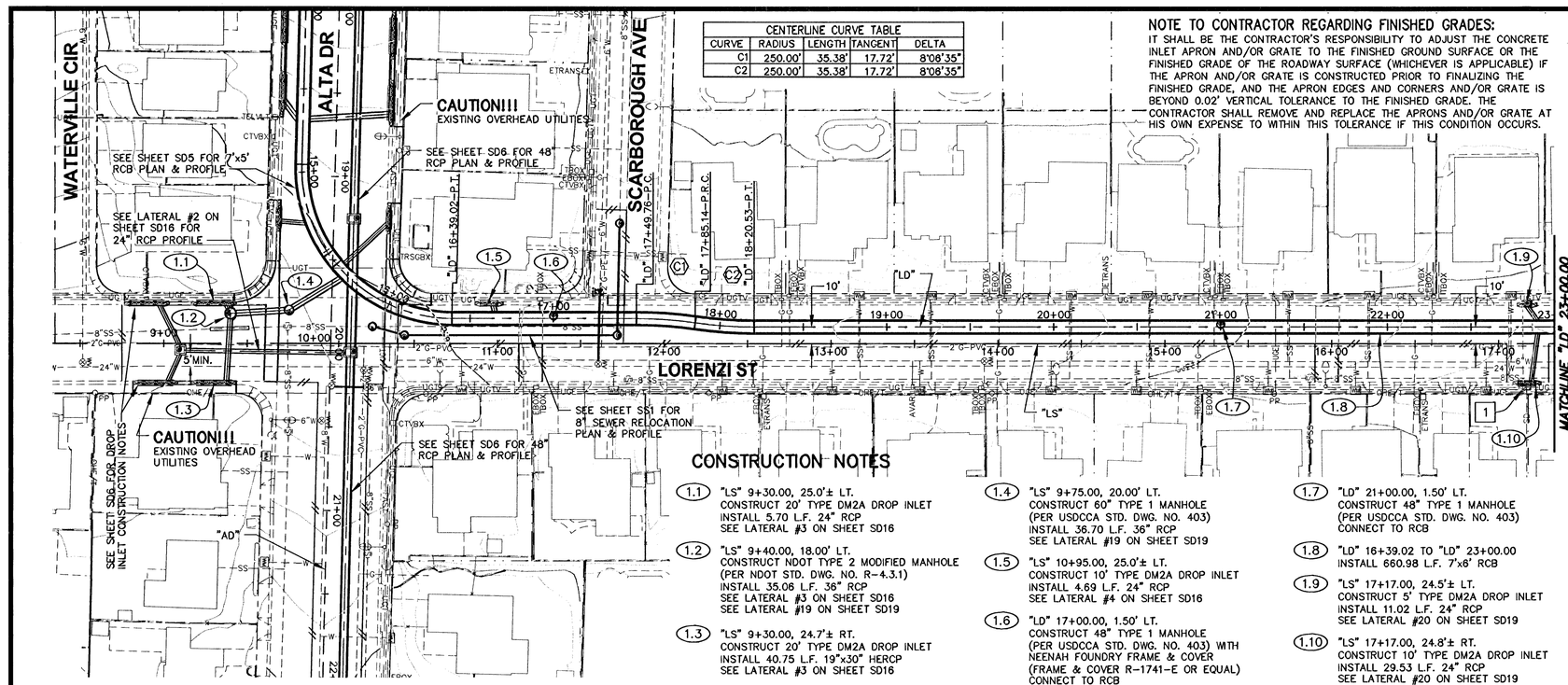
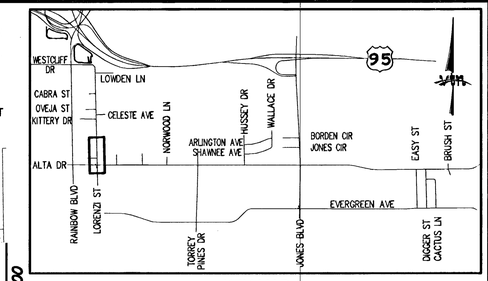


CENTERLINE CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	250.00'	35.38'	17.72'	8°06'35"
C2	250.00'	35.38'	17.72'	8°06'35"

NOTE TO CONTRACTOR REGARDING FINISHED GRADES:

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADJUST THE CONCRETE INLET APRON AND/OR GRATE TO THE FINISHED GROUND SURFACE OR THE FINISHED GRADE OF THE ROADWAY SURFACE (WHICHEVER IS APPLICABLE) IF THE APRON AND/OR GRATE IS CONSTRUCTED PRIOR TO FINALIZING THE FINISHED GRADE, AND THE APRON EDGES AND CORNERS AND/OR GRATE IS BEYOND 0.02' VERTICAL TOLERANCE TO THE FINISHED GRADE. THE CONTRACTOR SHALL REMOVE AND REPLACE THE APRONS AND/OR GRATE AT HIS OWN EXPENSE TO WITHIN THIS TOLERANCE IF THIS CONDITION OCCURS.



KEY MAP

NORTH

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.
(VERIFY SCALE - PLANS MAY HAVE BEEN REDUCED)

CONSTRUCTION NOTES

(1.1) "LS" 9+30.00, 25.0'± LT.
CONSTRUCT 20' TYPE DM2A DROP INLET
INSTALL 5.70 L.F. 24" RCP
SEE LATERAL #3 ON SHEET SD16

(1.2) "LS" 9+40.00, 18.00' LT.
CONSTRUCT NDOT TYPE 2 MODIFIED MANHOLE
(PER NDOT STD. DWG. NO. R-4.3.1)
INSTALL 35.06 L.F. 36" RCP
SEE LATERAL #3 ON SHEET SD16
SEE LATERAL #19 ON SHEET SD19

(1.3) "LS" 9+30.00, 24.7'± RT.
CONSTRUCT 20' TYPE DM2A DROP INLET
INSTALL 40.75 L.F. 19"x30" HERCP
SEE LATERAL #3 ON SHEET SD16

(1.4) "LS" 9+75.00, 20.00' LT.
CONSTRUCT 60" TYPE 1 MANHOLE
(PER USDCCA STD. DWG. NO. 403)
INSTALL 36.70 L.F. 36" RCP
SEE LATERAL #19 ON SHEET SD19

(1.5) "LS" 10+95.00, 25.0'± LT.
CONSTRUCT 10' TYPE DM2A DROP INLET
INSTALL 4.69 L.F. 24" RCP
SEE LATERAL #4 ON SHEET SD16

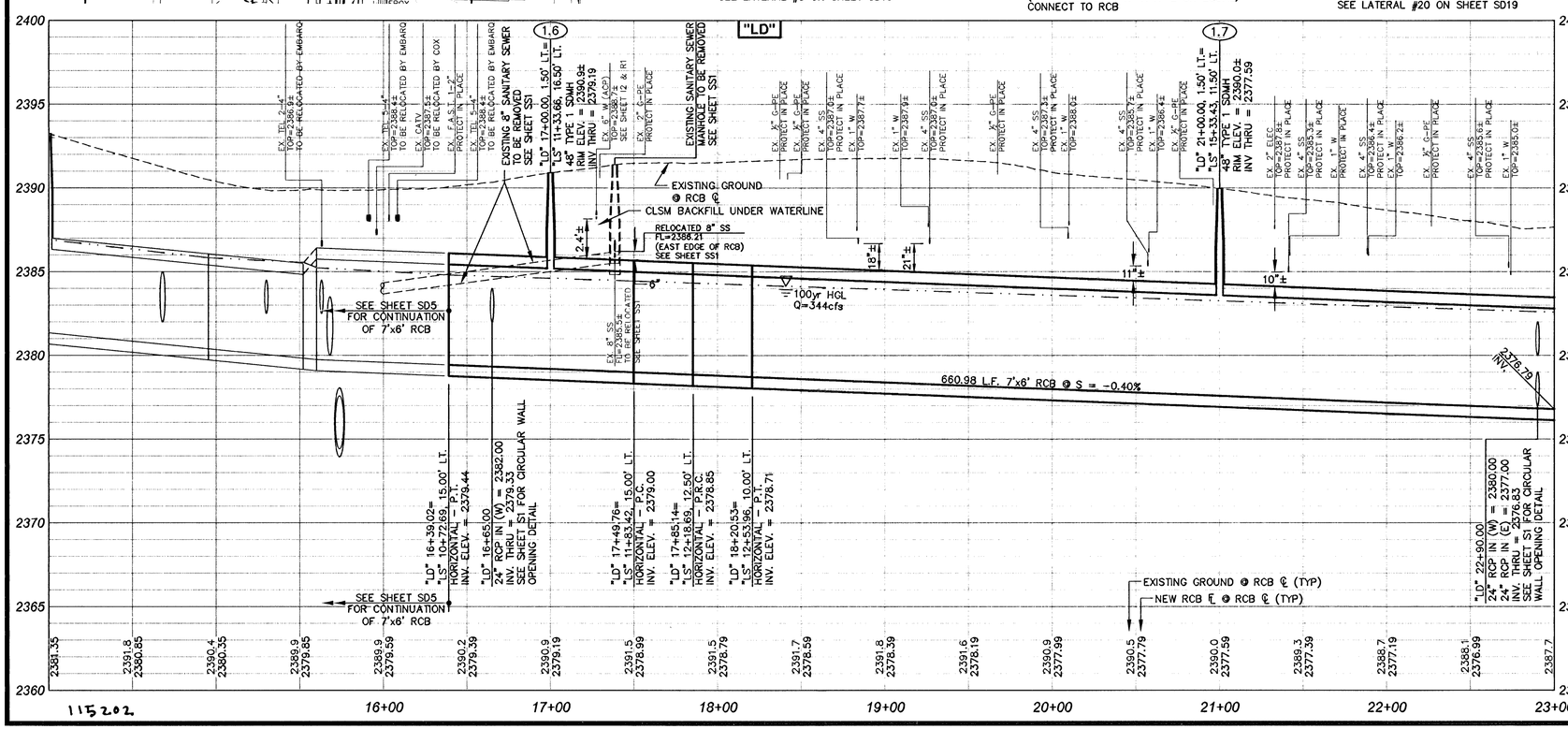
(1.6) "LD" 17+00.00, 1.50' LT.
CONSTRUCT 48" TYPE 1 MANHOLE
(PER USDCCA STD. DWG. NO. 403) WITH
NEENAH FOUNDRY FRAME & COVER
(FRAME & COVER R-1741-E OR EQUAL)
CONNECT TO RCB

(1.7) "LD" 21+00.00, 1.50' LT.
CONSTRUCT 48" TYPE 1 MANHOLE
(PER USDCCA STD. DWG. NO. 403)
CONNECT TO RCB

(1.8) "LD" 16+39.02 TO "LD" 23+00.00
INSTALL 660.98 L.F. 7'x6' RCB

(1.9) "LS" 17+17.00, 24.5'± LT.
CONSTRUCT 5' TYPE DM2A DROP INLET
INSTALL 11.02 L.F. 24" RCP
SEE LATERAL #20 ON SHEET SD19

(1.10) "LS" 17+17.00, 24.8'± RT.
CONSTRUCT 10' TYPE DM2A DROP INLET
INSTALL 29.53 L.F. 24" RCP
SEE LATERAL #20 ON SHEET SD19



LVVWD NOTES

LVVWD PROJECT NO. 114809

1. ALL WATER SERVICES TO BE PROTECTED IN PLACE. IN THE EVENT A SERVICE IS DAMAGED REFER TO NOTE 2 FOR RECONNECTING. ALL SERVICES SHALL HAVE 18" CLEARANCE FROM TOP OF STORM DRAIN WHILE MAINTAINING EXISTING COVER (30" MIN.). ANY EXCEPTIONS WILL REQUIRE THE SERVICE BE PLACED IN A 2" SCH 40 PVC SLEEVE WITH A MINIMUM OF 12" COVER. ANY SERVICES PLACED IN A PVC SLEEVE MUST BE UNDAMAGED COPPER INSTALLED PER NOTE 2.

2. ALL SERVICE LATERALS TWO (2) INCHES AND SMALLER THAT ARE CUT OR DAMAGED MAY BE RECONNECTED PROVIDED THE FOLLWING CRITERIA ARE MET:
   2.1. IF THE LATERAL IS COPPER, THE LATERAL MAY BE CUT AND SPLICED NOT MORE THAN ONCE IN A MANNER APPROVED BY THE DISTRICT.
   2.2. IF THE LATERAL IS NOT COPPER, THE LATERAL MUST BE ABANDONED FROM THE EXISTING WATER MAIN, HAVE THE CORPORATION STOP TURNED OFF AT THE MAIN, AND A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL CUT OUT NEAR THE CORPORATION STOP AND A BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE, IN A MANNER APPROVED BY THE LVVWD. IF THE CORPORATION STOP IS NOT WATER TIGHT THE CONTRACTOR SHALL NOTIFY LVVWD COMMUNICATIONS SUPPORT CENTER (702-258-7171) FOR FURTHER DIRECTION. THE CONTRACTOR SHALL INSTALL A NEW SERVICE OF LIKE SIZE ADJACENT TO THE DAMAGED SERVICE IN ACCORDANCE WITH UDACS PLATE No. 18 OR 10.

3. WHEREVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER WHERE COMPACTION REQUIREMENTS UNDER A WATERLINE CANNOT BE MET (30" OR LESS SEPARATION), BACKFILL TRENCH WITH CLASS I / CLASS II CONTROLLED LOW STRENGTH MATERIAL (CLSM) WITH BOND BREAKER TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.19

4. CONTRACTOR MUST SUBMIT SHOP DRAWINGS TO LVVWD BEFORE CONSTRUCTION TO SHOW HOW WATERLINES SPANNING A TRENCH WILL BE SUPPORTED DURING EXCAVATION & BACKFILL. DRAWINGS WILL INCLUDE ALL LOCATIONS WHERE WATERLINES SPAN A TRENCH GREATER THAN FOUR (4) FEET WIDE.

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

SHEET NOTES

1. REFER TO SHEETS R1 TO R8 FOR ROADWAY & UTILITY PLANS.
2. REFER TO SHEET D10 FOR TYPE "DM2A" DROP INLET DETAILS.
3. ALL PIPE SHALL BE CLASS III STORM DRAIN UNLESS NOTED OTHERWISE.

REMOVAL NOTES

(1) REMOVE EXISTING DROP INLET PLUG EXISTING OUTLET PIPE EAST (SEE DETAIL ON SHEET D4)

CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS BOTH HORIZONTALLY & VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION

APPROVED
Las Vegas Valley Water District — Date 11/12/08
Project #114809

AVOID OVERHEAD POWER LINE CONTACT IT'S COSTLY
Call before you Overhead
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR 1-800-227-2600
OR CLARK COUNTY STATE OPERATIONS 1-702-455-7544

REV	DATE	BY	REVISION

DEPARTMENT OF PUBLIC WORKS
400 E. STEWART AVE.
LAS VEGAS, NV 89101
702-229-6272

2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550
FAX (702) 362-2591
WEB SITE: WWW.LVRNV.COM

STORM DRAIN PLAN & PROFILE LORENZI STREET "LD" 16+39.02 TO "LD" 23+00.00

MEADOWS ALTA PARALLEL PROJECT PHASE II

DRAWN BY: WBM — NOV 10, 2008
DESIGNED BY: VTN — NOV 10, 2008
CHECKED BY: JNG — NOV 10, 2008
PROJECT NO: 6812 — SCALE HORIZ. 1"=40' VERT. 1"=4'

PROFESSIONAL ENGINEER - STATE OF NEVADA
JEFFREY N. GRIEST
EXP. 06-30-09
CIVIL
No. 17156
11/14/08

SHEET SD1
13 OF 120 SHEETS
DRAWING NO. 927V281

115202

H#11545

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