LVVWD NOTES

LVVWD PROJECT NO. 114809

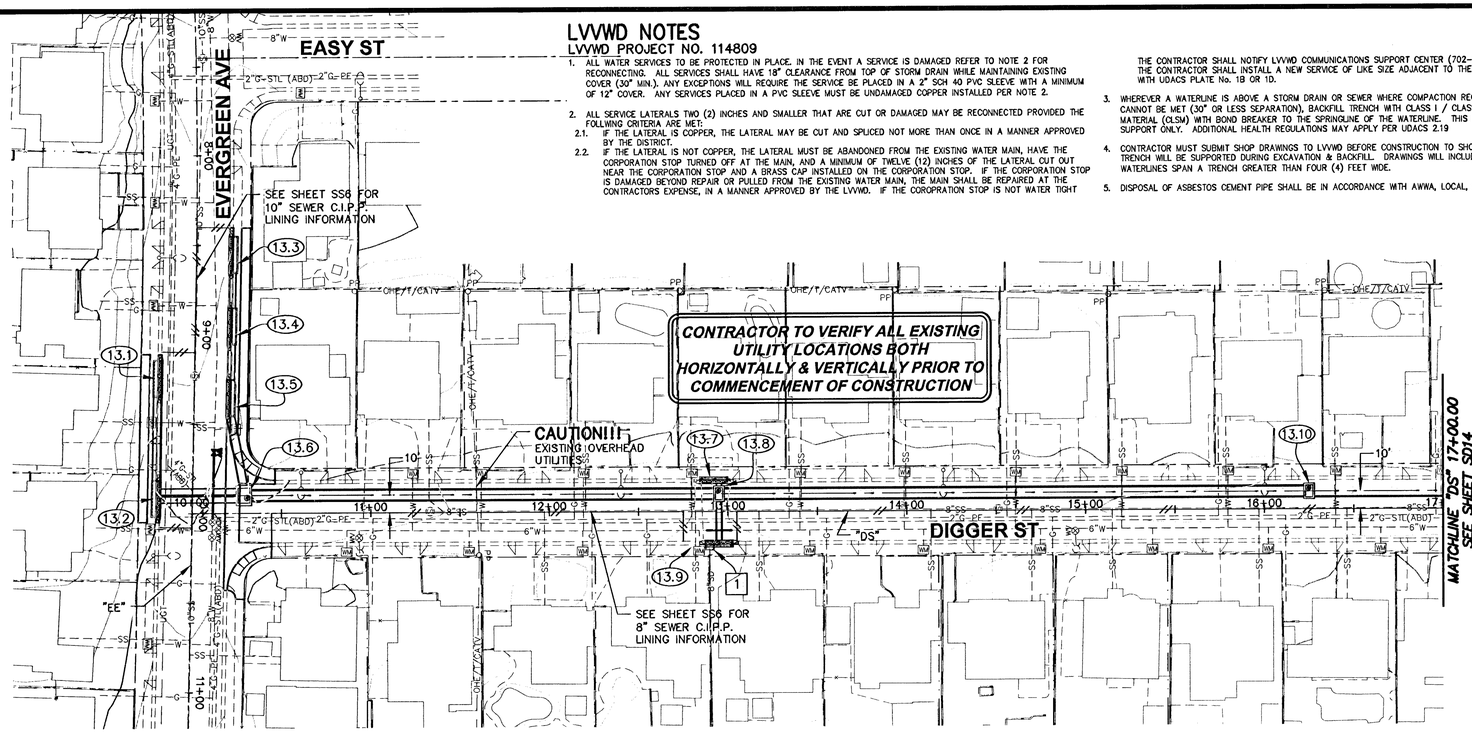
1. ALL WATER SERVICES TO BE PROTECTED IN PLACE. IN THE EVENT A SERVICE IS DAMAGED REFER TO NOTE 2 FOR RECONNECTING. ALL SERVICES SHALL HAVE 18" CLEARANCE FROM TOP OF STORM DRAIN WHILE MAINTAINING EXISTING COVER (30" MIN.). ANY EXCEPTIONS WILL REQUIRE THE SERVICE BE PLACED IN A 2" SCH 40 PVC SLEEVE WITH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

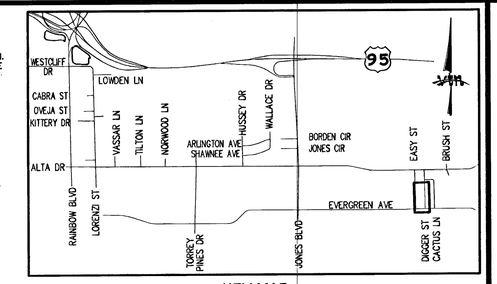
2. ALL SERVICE LATERALS TWO (2) INCHES AND SMALLER THAT ARE CUT OR DAMAGED MAY BE RECONNECTED PROVIDED THE FOLLWING CRITERIA ARE MET:
   - 2.1. IF THE LATERAL IS COPPER, THE LATERAL MAY BE CUT AND SPLICED NOT MORE THAN ONCE IN A MANNER APPROVED BY THE DISTRICT.
   - 2.2. IF THE LATERAL IS NOT COPPER, 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 COROPRATION 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. 19 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.





KEY MAP

NORTH

GRAPHIC SCALE

40 0 20 40 80

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

SHEET NOTES

1. REFER TO SHEETS R1 TO R8 FOR ROADWAY & UTILITY PLANS.
2. REFER TO SHEET D10 FOR "CM2" & "DM2A" DROP INLET DETAILS.
3. ALL PIPE SHALL BE CLASS III STORM DRAIN UNLESS NOTED OTHERWISE.

REMOVAL NOTES

1 REMOVE EXISTING DROP INLET

CONSTRUCTION NOTES

13.1 "EE" 9+25.00, 20.4'± RT.
CONSTRUCT 20' TYPE CM2 DROP INLET
INSTALL 47.50 L.F. 48" RCP
SEE LATERAL #17 ON SHEET SD18

13.2 "EE" 9+92.00, 20.0'± RT.=
"DS" 9+79.98, 8.44' LT.
CONSTRUCT 20' TYPE CM2 DROP INLET
INSTALL 47.05 L.F. 2-24"x38" HERCP
SEE LATERAL #17 ON SHEET SD18

13.3 "EE" 8+55.00, 20.50' LT.
CONSTRUCT 20' TYPE CM2 DROP INLET
INSTALL 20.56 L.F. 36" RCP
SEE LATERAL #16 ON SHEET SD18

13.4 "EE" 8+95.00, 20.50' LT..
CONSTRUCT 20' TYPE CM2 DROP INLET
INSTALL 20.50 L.F. 42" RCP
SEE LATERAL #16 ON SHEET SD18

13.5 "EE" 9+35.00, 20.50' LT..
CONSTRUCT 20' TYPE CM2 DROP INLET
INSTALL 41.31 L.F. 48" RCP
SEE LATERAL #16 ON SHEET SD18

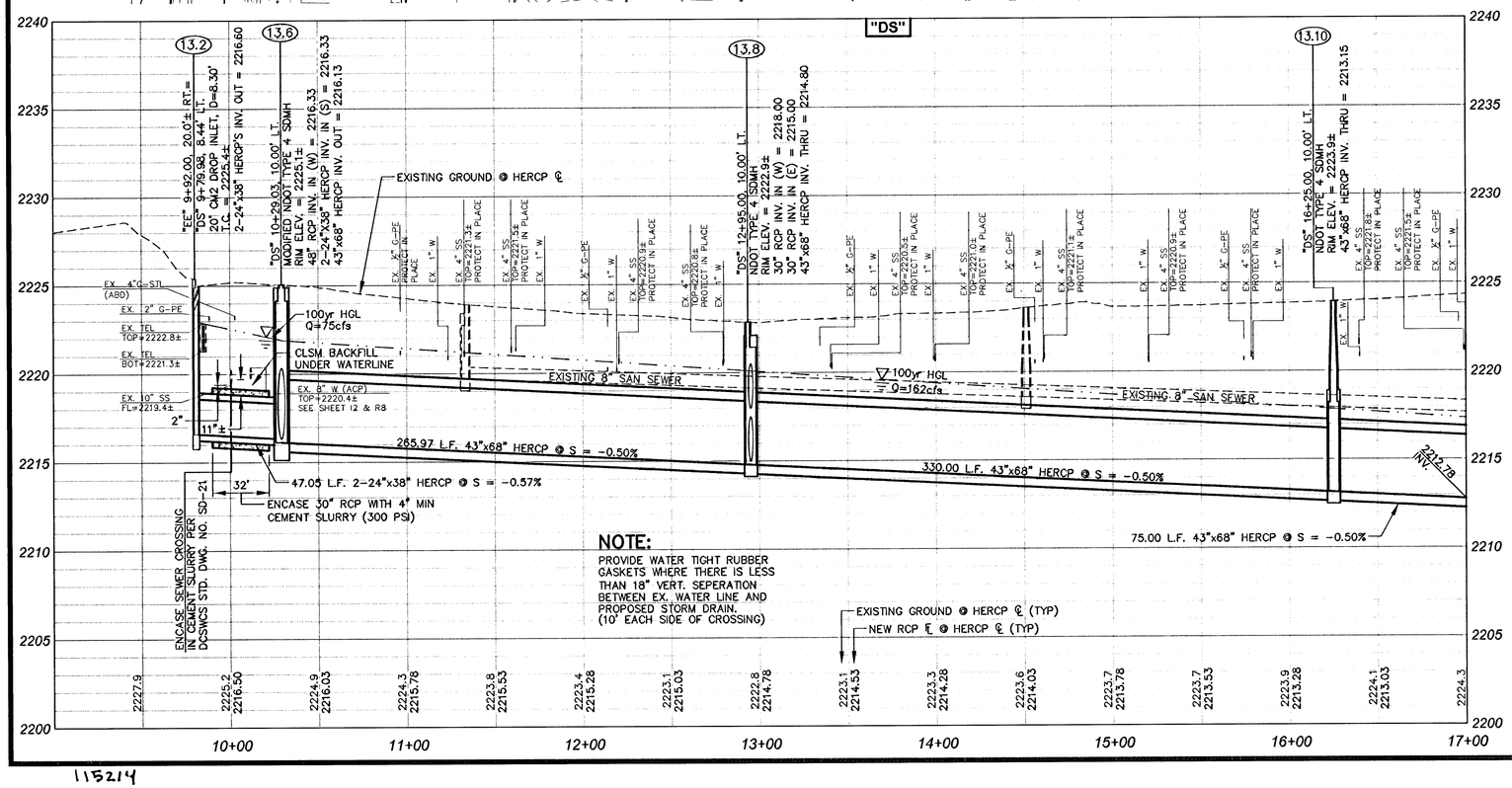
13.6 "DS" 10+29.03, 10.00' LT.
CONSTRUCT MODIFIED NDOT TYPE 4 MANHOLE
INSTALL 265.97 L.F. 43"x68" HERCP
SEE MANHOLE #3 DETAIL ON SHEET S14

13.7 "DS" 12+92.00, 18.3'± LT.
CONSTRUCT 15' TYPE DM2A DROP INLET
INSTALL 6.26 L.F. 30" RCP
SEE LATERAL #18 ON SHEET SD18

13.8 "DS" 12+95.00, 10.00' LT.
CONSTRUCT NDOT TYPE 4 MANHOLE
(PER NDOT STD. DWG. NO. R-4.3.2)
INSTALL 330.00 L.F. 43"x68" HERCP
SEE LATERAL #18 ON SHEET SD18

13.9 "DS" 12+93.00, 18.5'± RT.
CONSTRUCT 15' TYPE DM2A DROP INLET
INSTALL 26.53 L.F. 30" RCP
SEE LATERAL #18 ON SHEET SD18

13.10 "DS" 16+25.00, 10.00' LT.
CONSTRUCT NDOT TYPE 4 MANHOLE
(PER NDOT STD. DWG. NO. R-4.3.2)
INSTALL 75.00 L.F. 43"x68" HERCP



NOTE:

PROVIDE WATER TIGHT RUBBER GASKETS WHERE THERE IS LESS THAN 18" VERT. SEPERATION BETWEEN EX. WATER LINE AND PROPOSED STORM DRAIN. (10' EACH SIDE OF CROSSING)

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.

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
AND CLARK COUNTY TRAFFIC OPERATIONS 1-702-455-7544

H#11545

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) 362-2567
WEB SITE WWW.VTINV.COM

REV	DATE	BY	REVISION

STORM DRAIN PLAN & PROFILE
DIGGER STREET
"DS" 9+00.00 TO "DS" 17+00.00

MEADOWS ALTA PARALLEL PROJECT PHASE II

DRAWN BY: WBM	NOV 10, 2008	
DESIGNED BY: VTN	NOV 10, 2008	
CHECKED BY: JRG	NOV 10, 2008	SCALE HORIZ. 1"=40' VERT. 1"=4'
PROJECT NO: 5812		

PROFESSIONAL ENGINEER - STATE OF NEVADA
JEFFREY N. GRIEST
EXP. 06-30-09
CIVIL
No. 17158
11/10/08

SHEET SD13
25 OF 120 SHEETS

DRAWING NO. 327V281

I:\SRTDwg\DESIGN\SD Design\Griest, Nov 10, 2008 - 11:30am

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