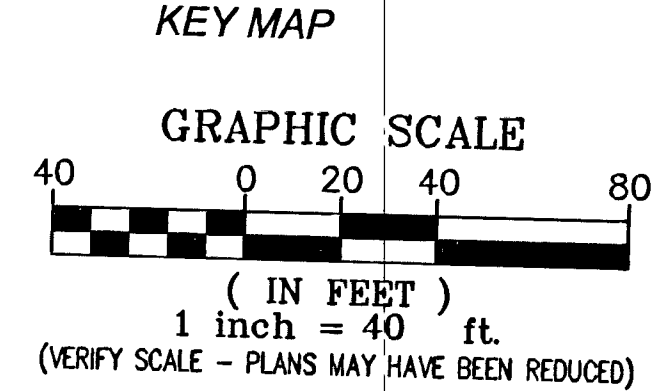
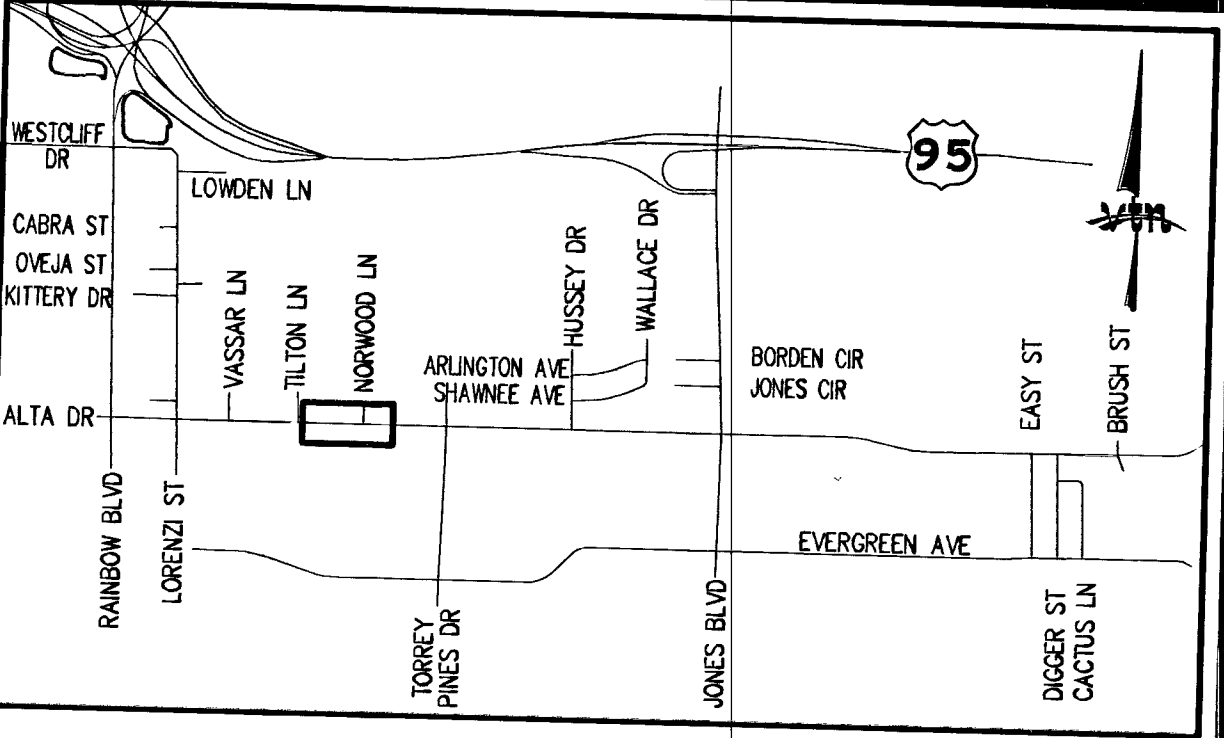
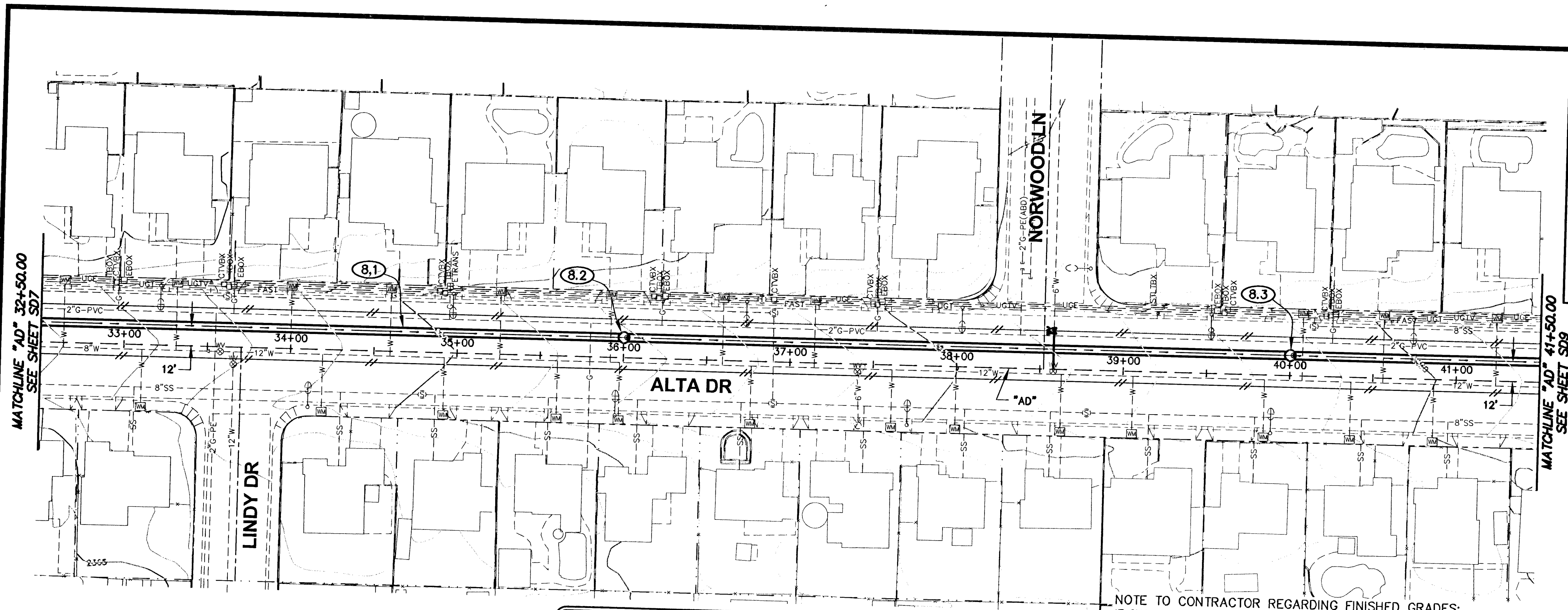




CONSTRUCTION NOTES

- 8.1 "AD" 32+50.00, 12.00' LT. TO "AD" 36+00.02, 12.00' LT. INSTALL 350.02 L.F. 48" RCP
- 8.2 "AD" 36+00.02, 12.00' LT. CONSTRUCT NDOT TYPE 2 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.1) INSTALL 400.00 L.F. 48" RCP
- 8.3 "AD" 40+00.02, 12.00' LT. CONSTRUCT NDOT TYPE 2 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.1) INSTALL 149.98 L.F. 48" RCP

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.

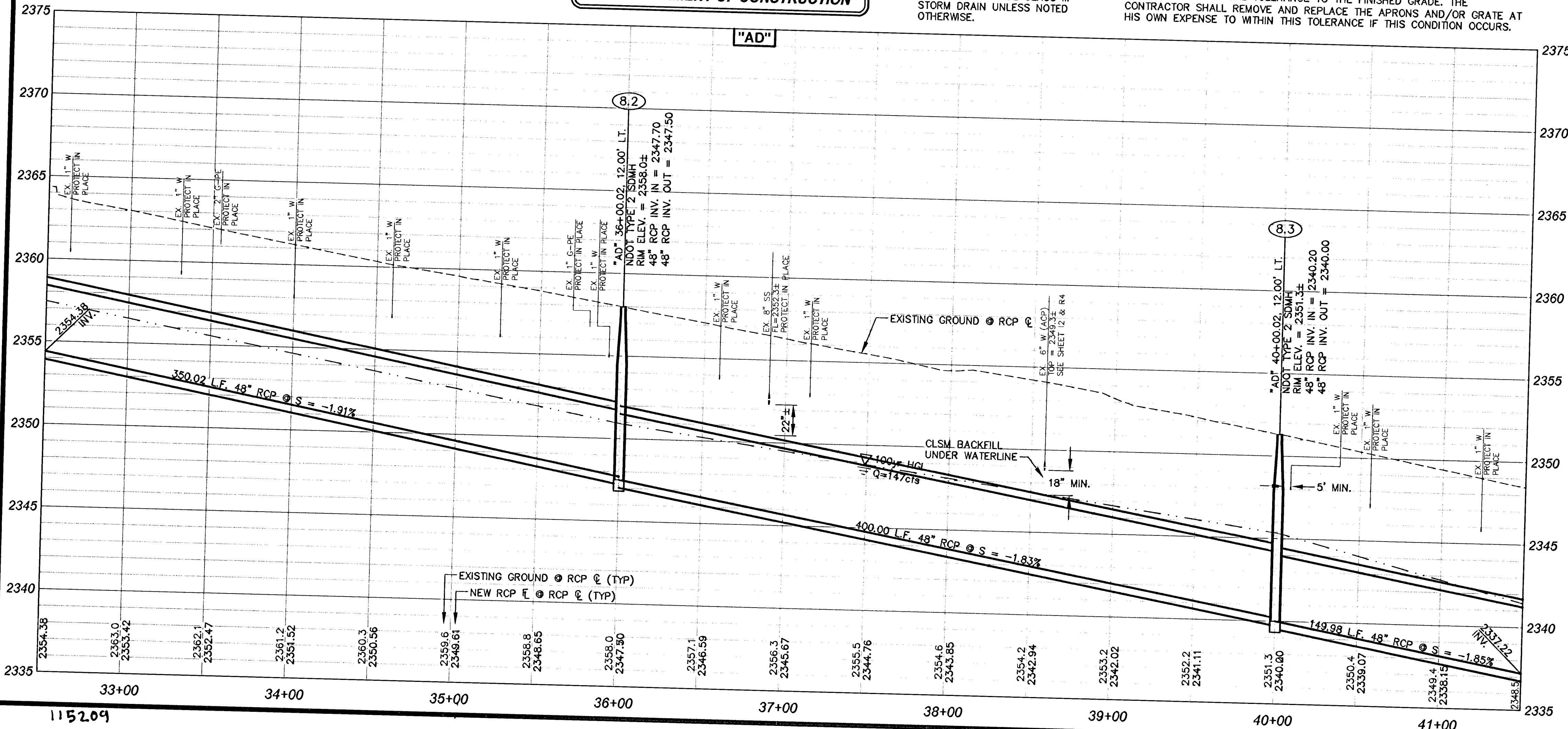
CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS BOTH HORIZONTALLY & VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION

- SHEET NOTES**
1. REFER TO SHEETS R1 TO R8 FOR ROADWAY & UTILITY PLANS.
 2. ALL PIPE SHALL BE CLASS III STORM DRAIN UNLESS NOTED OTHERWISE.

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 4" 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 FOLLOWING 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 BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEFORE REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S 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. 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 219.
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.



APPROVED
[Signature]
Las Vegas Valley Water District
Project #114809
Date 11-12-08

Call before you Overhead
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you Dig
1-800-227-2800
CLARK COUNTY PUBLIC UTILITIES
1-702-455-7544

PROFESSIONAL ENGINEER - STATE OF NEVADA
JEFFREY N. GRIEST
EXP. 06-30-09
CIVIL
No. 17168
11/16/08

SHEET SD8
2D OF 12D SHEETS
DRAWING NO. 327V281
H#11545

DEPARTMENT OF PUBLIC WORKS
400 E. STEWART AVE.
LAS VEGAS, NV 89101
702-258-6272

STORM DRAIN PLAN & PROFILE
ALTA DRIVE
"AD" 32+50.00 TO "AD" 41+50.00
MEADOWS ALTA PARALLEL PROJECT PHASE II

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

15817PAMP/DESIGNED/08/09/2008/NOV 10, 2008/11:25 AM