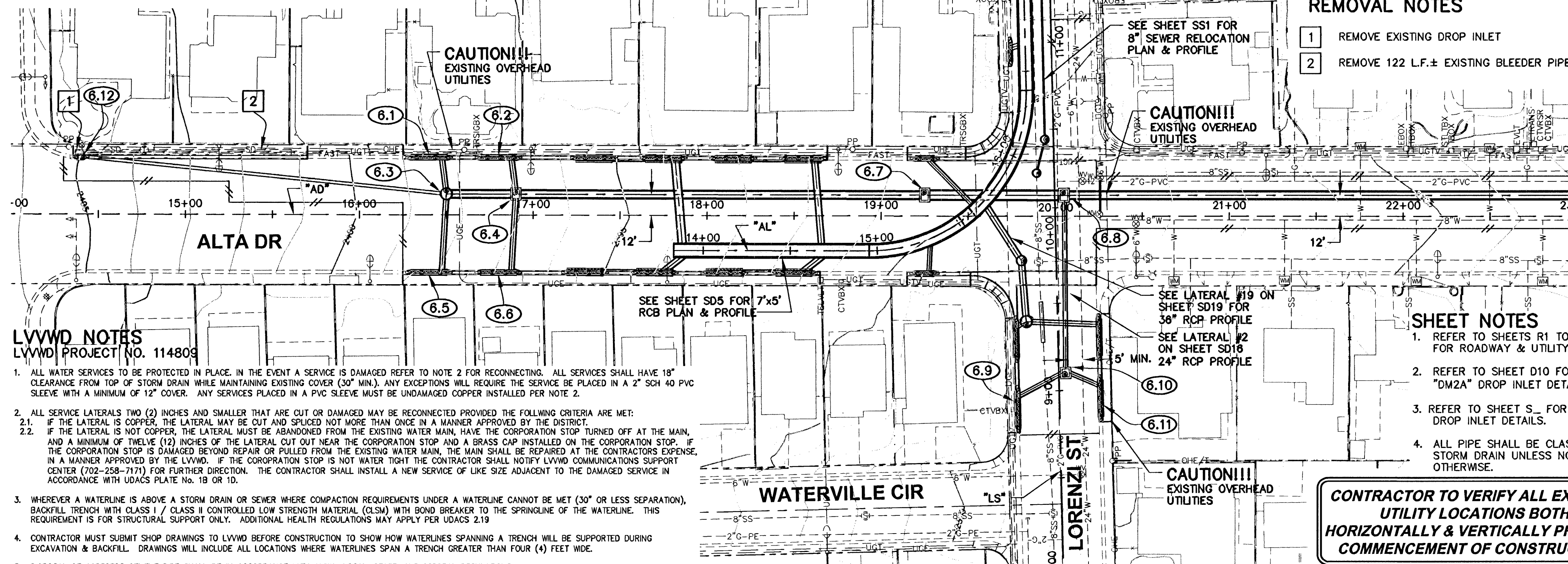
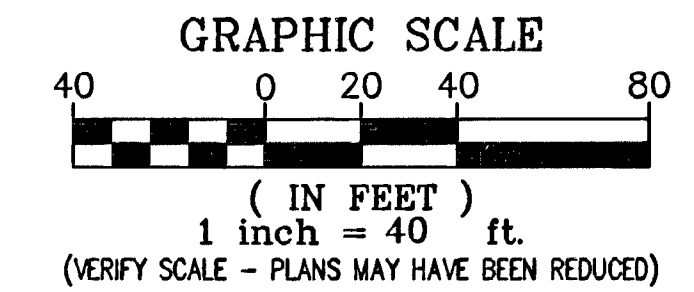


NOTE TO CONTRACTOR REGARDING FINISHED GRADES:
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADJUST THE CONCRETE INLET APRON AND/OR GRATE TO THE FINISHED GROUND SURFACE OR THE FINISHED GRADE OF THE ROADWAY SURFACE (WHICHEVER IS APPLICABLE) IF THE APRON AND/OR GRATE IS CONSTRUCTED PRIOR TO FINALIZING 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.



LVVWD NOTES

- LVVWD PROJECT NO. 114809
- 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.
 - ALL SERVICE LATERALS TWO (2) INCHES AND SMALLER THAT ARE CUT OR DAMAGED MAY BE RECONNECTED PROVIDED THE FOLLOWING CRITERIA ARE MET:
 - IF THE LATERAL IS COPPER, THE LATERAL MAY BE CUT AND SPLICED NOT MORE THAN ONCE IN A MANNER APPROVED BY THE DISTRICT.
 - IF THE LATERAL IS NOT COPPER, THE LATERAL MUST BE ABANDONED FROM THE EXISTING WATER MAIN, HAVE THE CORROSION STOP TURNED OFF AT THE MAIN, AND A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL CUT OUT NEAR THE CORROSION STOP AND A BRASS CAP INSTALLED ON THE CORROSION STOP. IF THE CORROSION STOP IS DAMAGED BEYOND 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 CORROSION 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. 1B OR 1D.
 - 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 1 / 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.
 - 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.
 - DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS.



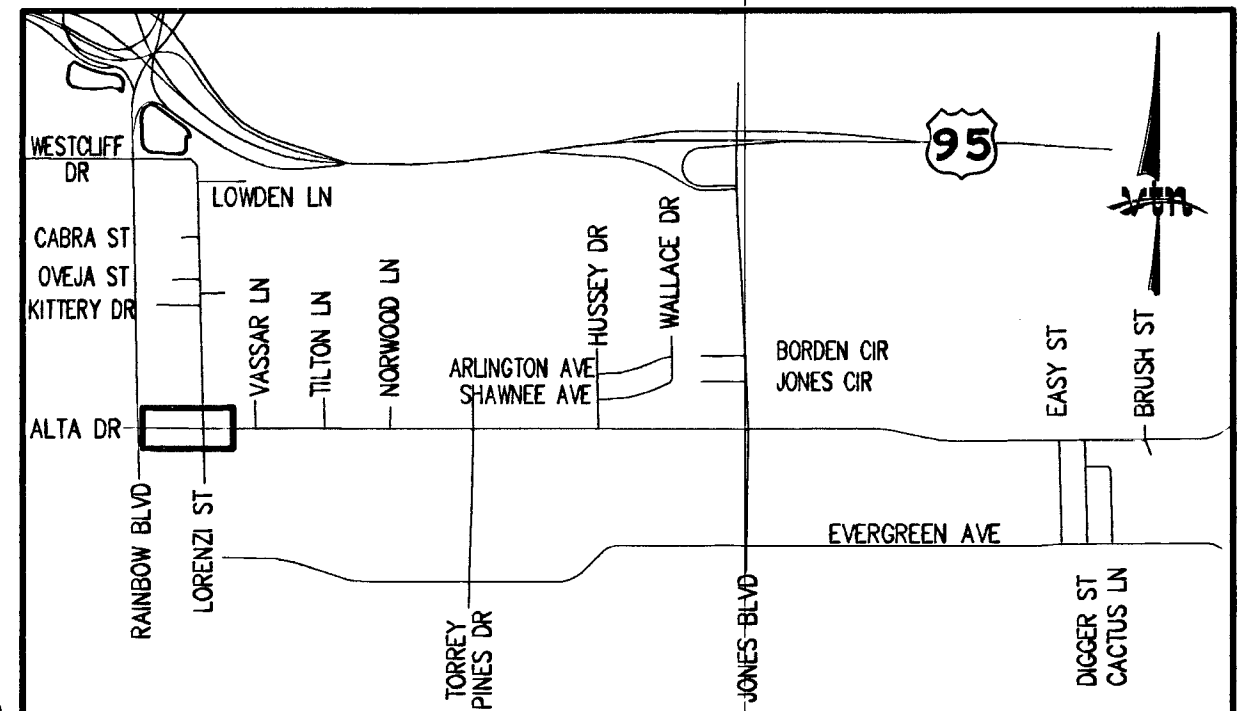
REMOVAL NOTES

- REMOVE EXISTING DROP INLET
- REMOVE 122 L.F.± EXISTING BLEEDER PIPE

SHEET NOTES

- REFER TO SHEETS R1 TO R8 FOR ROADWAY & UTILITY PLANS.
- REFER TO SHEET D10 FOR "DM2A" DROP INLET DETAILS.
- REFER TO SHEET S_ FOR "PC1" DROP INLET DETAILS.
- ALL PIPE SHALL BE CLASS III STORM DRAIN UNLESS NOTED OTHERWISE.

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



CONSTRUCTION NOTES

- "AD" 16+40.00, 34.00' LT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 20.16 L.F. 30" RCP SEE LATERAL #12 ON SHEET SD17
- "AD" 18+80.00, 34.00' LT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 19.98 L.F. 30" RCP SEE LATERAL #13 ON SHEET SD18
- "AD" 16+50.00, 12.00' LT. CONSTRUCT NDOT TYPE 2 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.1) INSTALL 40.00 L.F. 48" RCP SEE LATERAL #12 ON SHEET SD17
- "AD" 16+90.00, 12.00' LT. CONSTRUCT NDOT TYPE 4 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.2) INSTALL 36.75" ORIFICE PLATE AT OUTLET INSTALL 235.00 L.F. 48" RCP SEE LATERAL #13 SHEET SD18 SEE MH#1 DETAIL ON SHEET S13
- "AD" 16+40.00, 34.00' RT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 44.07 L.F. 30" RCP SEE LATERAL #12 ON SHEET SD17
- "AD" 16+80.00, 34.00' RT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 43.53 L.F. 30" RCP SEE LATERAL #13 ON SHEET SD18
- "AD" 19+25.00, 12.00' LT. CONSTRUCT NDOT TYPE 4 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.2) INSTALL 79.98 L.F. 38"x60" HERCP
- "AD" 20+05.00, 12.00' LT.= "LS" 10+11.89, 5.28' RT. CONSTRUCT NDOT TYPE 4 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.2) INSTALL 295.00 L.F. 48" RCP SEE LATERAL #2 ON SHEET SD16
- "LS" 8+90.00, 25.0'± LT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 29.96 L.F. 24" RCP SEE LATERAL #1 ON SHEET SD16
- "LS" 9+10.00, 4.00' RT. CONSTRUCT NDOT TYPE 4 MANHOLE (PER NDOT STD. DWG. NO. R-4.3.2) INSTALL 17.50" ORIFICE PLATE AT OUTLET INSTALL 101.89 L.F. 24" RCP SEE LATERALS #1 & 2 ON SHEET SD16 SEE MH#2 DETAIL ON SHEET S13
- "LS" 9+10.00, 24.7'± RT. CONSTRUCT 20" TYPE DM2A DROP INLET INSTALL 20.26 L.F. 24" RCP SEE LATERAL #1 ON SHEET SD16
- "AD" 14+40.00, 35.0'± LT. CONSTRUCT 3" TYPE PC1 DROP INLET INSTALL 209.56 L.F. 24" RCP SEE LATERAL #26 ON SHEET SD20

DEPARTMENT OF PUBLIC WORKS

STORM DRAIN PLAN & PROFILE
ALTA DRIVE
"AD" 16+50.00 TO "AD" 23+00.00

DRAWN BY: NOV. 10, 2008
DESIGNED BY: NOV. 10, 2008
CHECKED BY: NOV. 10, 2008
PROJECT NO.: 114809
SCALE: HORIZ. 1"=40'
VERT. 1"=4'

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

Call before you Dig
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT
Call 811
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

SHEET
SD6
18 OF 120 SHEETS
327V261

115207

H#11646