



**LEGEND:**

- DENOTES PBS (PLANTMIX BITUMINOUS SURFACE)
- DENOTES CONCRETE PAVEMENT
- 16' WIDE NDOT MAINT. ACCESS SEE DETAIL ON SHEET SD1
- RIPRAP
- RCB W/POLYURETHANE ELASTOMERIC SEALANT
- GRADING KEYNOTE

**DRAINAGE CONSTRUCTION NOTES:**

- (5.1) "XN" 329+64.75, 87.29' RT. REMOVE EXISTING HEADWALL. EXTEND 10'x10' RCB CULVERT 52.29 L.F. (PER NDOT STD. DWG. B-20.1.7) CONNECT TO EXISTING 10'x10' RCB SEE SHEET SD32
- (5.2) "XN" 329+82.39, 81.41' RT. INSTALL NDOT TYPE 2A DROP INLET (PER NDOT STD. DWG. R-4.2.1) INSTALL 8.75 L.F. 24" RCP CONNECT TO EXISTING RCB SEE SHEET SD35
- (5.3) "XN" 329+80.38, 39.15' RT. REMOVE EXISTING HEADWALL. EXTEND RCB CULVERT (PER NDOT STD. DWG. B-20.1.7) SEE SHEET SD32
- (5.4) "XS" 330+39.17, 34.60' LT. REMOVE EXISTING HEADWALL. EXTEND 10'x10' RCB CULVERT 18.32 L.F. (PER NDOT STD. DWG. B-20.1.7) SEE SHEET SD32
- (5.5) "XS" 330+45.01, 51.89' LT.="MPU" 3+59.42 END 10'x10' RCB BEGIN JUNCTION STRUCTURE SEE SHEET SD32 & S3
- (5.6) "FRW" 65+46.17, 84.39' RT. END 10'x10' RCB BEGIN JUNCTION STRUCTURE SEE SHEET SD32 & S3
- (5.7) "FRW" 65+56.94, 49.23' RT. REMOVE EXISTING HEADWALL. EXTEND 10'x10' RCB CULVERT 36.79 L.F. (PER NDOT STD. DWG. B-20.1.7) SEE SHEET SD32
- (5.8) "MPU" 4+11.57 END JUNCTION STRUCTURE BEGIN 15'x11' RECT CHANNEL SEE SHEET S3
- (5.9) "MPU" 4+50.00 END 15'x11' RECT. CHANNEL CONSTRUCT HEADWALL BEGIN 15'x9' RCB SEE SHEET SD18 & S3
- (5.10) "MPU" 4+50.00 TO "MPU" 7+42.47 INSTALL 292.47 L.F. 15'x9' RCB SEE SHEET SD18
- (5.11) "XN" 329+74.65, 56.73' RT. TO "XN" 329+67.31, 79.28' RT. RCB TO BE CONSTRUCTED W/PRECAST REINFORCED CONCRETE SECTIONS, INSTALLED W/WATERTIGHT JOINTS USING AGENCY APPROVED ELASTOMERIC JOINT SEALANT W/PROVISIONS TO INSURE AGAINST DIFFERENTIAL SETTLEMENT OF THE STORM DRAIN. (SEE UDACS SEC. 2.19.02C) SEE SHEET SD32

**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 TO 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 WITH IN THIS TOLERANCE IF THIS CONDITION OCCURS.

- NOTES:**
- FOR UTILITY ADJUSTMENT & RELOCATION SEE SHEET U1 THRU U13
  - FOR SANITARY SEWER INFORMATION SEE SHEET SS1 THRU SS8
  - FOR LANDSCAPING INFORMATION SEE LANDSCAPE PLANS

**NOTE:**  
 PROTECT IN PLACE

**APPROVED**  
  
 LAS VEGAS VALLEY WATER DISTRICT  
 LVVWD PROJECT # H80315  
 DATE 7/6/08

**Call before you Dig**  
 AVOID OVERHEAD POWER LINE CONTACT IT'S COSTLY  
 Call 811  
 1-702-227-2929  
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

DRAWN BY:	06/20/2008
DESIGNED BY:	06/20/2008
CHECKED BY:	06/20/2008
PROJECT NO:	SCALE: 1"=50'
	6500
	N/A



SHEET  
 SD6  
 115 OF 123 SHEETS  
 DRAWING NO.  
 107V3769

**PUBLIC WORKS DEPARTMENT**  
 CITY OF LAS VEGAS, NV  
 277 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5146  
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**VTM** nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

**STORM DRAIN AND GRADING PLAN**  
 "HD1" 128+22.39 TO "HD1" 134+26.60  
**HORSE DRIVE / US 95 INTERCHANGE**

114286