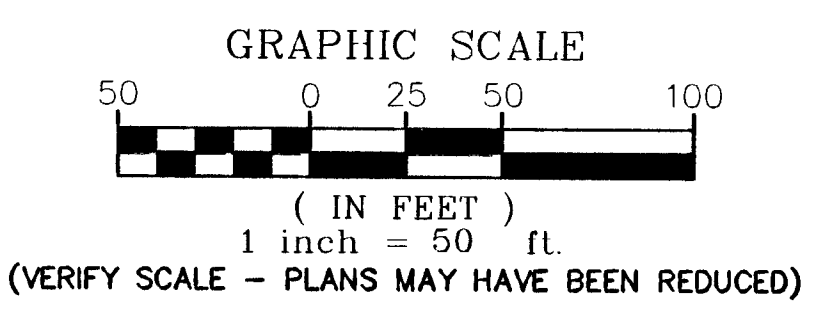


LEGEND:

- DENOTES PBS (PLANTMIX BITUMINOUS SURFACE)
- DENOTES CONCRETE PAVEMENT
- 16' WIDE NDOT MAINT. ACCESS SEE DETAIL ON SHEET SD1
- RIPRAP
- GRADING KEYNOTE SEE BELOW

NOTE:
 PROTECT IN PLACE



DRAINAGE CONSTRUCTION NOTES:

- (2.1) "HD" 20+90.00, 87.30' RT. INSTALL 72" NDOT TYPE 2 MANHOLE (PER NDOT STD. DWG. R-4.3.1) INSTALL 160.82 L.F. 24" RCP SEE SHEET SD22
- (2.2) "HD" 28+70.00, 51.50' LT. INSTALL NDOT TYPE 3 DROP INLET (PER NDOT STD. DWG. R-4.2.3) INSTALL 83.88 L.F. 18" RCP SEE SHEET SD24
- (2.3) "HD" 28+50.00, 4.00' RT. INSTALL NDOT 72" TYPE 2 MODIFIED MANHOLE (PER NDOT STD. DWG. R-4.3.1) INSTALL 64.20 L.F. 24" RCP SEE SHEET SD24
- (2.4) "HD" 28+50.00, 51.50' RT. INSTALL NDOT TYPE 3 DROP INLET (PER NDOT STD. DWG. R-4.2.3) INSTALL 41.50 L.F. 18" RCP SEE SHEET SD24
- (2.5) "HD" 29+20.00, 4.00' RT. INSTALL NDOT 72" TYPE 2 MODIFIED MANHOLE (PER NDOT STD. DWG. R-4.3.1) INSTALL 74.29 L.F. 24" RCP SEE SHEET SD24
- (2.6) "HD" 29+20.00, 52.90' RT. INSTALL NDOT TYPE 3 DROP INLET (PER NDOT STD. DWG. R-4.2.3) INSTALL 42.90 L.F. 18" RCP SEE SHEET SD24
- (2.7) "HD" 30+00.00, 63.50' LT. INSTALL NDOT TYPE 3 DROP INLET (PER NDOT STD. DWG. R-4.2.3) INSTALL 61.51 L.F. 18" RCP SEE SHEET SD25
- (2.8) "HD" 30+00.00, 4.00' RT. INSTALL NDOT 72" TYPE 2 MODIFIED MANHOLE (PER NDOT STD. DWG. R-4.3.1) INSTALL 194.47 L.F. 24" RCP SEE SHEET SD24 & SD25

NOTE:

FOR UTILITY ADJUSTMENT & RELOCATION SEE SHEET U1 THRU U13
 FOR SANITARY SEWER INFORMATION SEE SHEET SS1 THRU SS8
 FOR LANDSCAPING INFORMATION SEE LANDSCAPE PLANS
 FOR DRAINAGE & GRADING IMPROVEMENTS NOT REFERENCED ON THIS SHEET SEE SHEET SD8 & SD9
 FOR "FRW" BRIDGE SLOPED CONCRETE PAVEMENT DETAILS SEE SHEET C23

GRADING KEYNOTES:

KEY NOTE	NORTHING	EASTING	ELEVATION	DESCRIPTION
14	26821794.16	739088.01	2726.08	PRC
15	26821788.71	739181.81	2723.19	PT
16	26821796.38	739281.38	2719.37	PT
17	26821808.14	739312.40	2716.31	END MAINT. ROAD/PT
18	26821809.99	739090.41	2725.78	PRC
19	26821804.72	739181.35	2722.85	PT

KEY NOTE	NORTHING	EASTING	ELEVATION	DESCRIPTION
20	26821812.35	739280.26	2719.05	PC
21	26821820.58	739302.32	2716.61	END MAINT. ROAD/PT
22	26822027.00	739102.03	2724.50	DITCH - GB
23	26822037.34	739142.08	2721.89	END MAINT. ROAD
24	26822051.61	739132.79	2722.22	END MAINT. ROAD

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 WITHIN THIS TOLERANCE IF THIS CONDITION OCCURS.

Call before you Dig
 Avoid cutting underground utility lines. It's costly.
Call before you Overhead
 Avoid overhead power line contact. It's costly.
 1-702-227-2929
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

PUBLIC WORKS DEPARTMENT
 CITY OF LAS VEGAS, NV
 400 E. STEWART AVE.
 LAS VEGAS, NV 89101
 PH. (702) 675-7000 FAX (702) 362-2567

STORM DRAIN AND GRADING PLAN
 "HD" 20+00 TO "HD" 31+00
HORSE DRIVE / US 95 INTERCHANGE

DRAWN BY: [Signature] 06/20/2008
 DESIGNED BY: [Signature] 06/20/2008
 CHECKED BY: [Signature] 06/20/2008
 PROJECT NO.: SCALE: 1"=50' HORIZ. VERT. N/A
 6600

Professional Engineer
 PLANT K LEAVITT
 EXP. 12/31/08
 CIVIL
 No. 18267

SHEET **SD2**
 111 OF 215 SHEETS
 DRAWING NO. **107V3769**

114203