



**LAS VEGAS VALLEY
CONSTRUCTION SITE BEST
MANAGEMENT PRACTICES
GUIDANCE MANUAL SECTION
3.5.1 STANDARD NOTES 1-5**

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHT-OF-WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIAL SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OR 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

GRADING NOTES:

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION.

FLOOD ZONE NOTE:

THE PROJECT SITE IS COVERED BY THE FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY AND INCORPORATED AREAS, NEVADA, COMMUNITY PANEL NUMBER: 32003C1745E, EFFECTIVE DATE: SEPTEMBER 27, 2002. THE SITE IS ENTIRELY WITHIN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

SAFETY ALERT
Call before you dig
Call before you dig
Call before you dig

EXISTING UTILITY NOTE:
CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO MATCH PROPOSED FINISH GRADE ELEVATIONS.

RAW EARTHWORK QUANTITIES

CUT.....	2267.06 CU.YD.
FILL.....	10429.64 CU.YD.
NET.....	8162.57 CU.YD. FILL

**PORTION OF CENTENNIAL HILLS CENTER
COMMERCIAL SUBDIVISION
A.P.N.:125-29-512-005
12.38 ACRES**

A.P.N.:
125-29-512-005
BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT MAP ON FILE IN BOOK 139 OF PLATS, PAGE 48, CLARK COUNTY RECORDER'S OFFICE. SAID LINE BEARS NORTH 00° 27' 37" WEST.

BENCHMARK:
CITY OF LAS VEGAS MONUMENT ID:14LV9029NE6 RIVET & PLATE IN TOP OF CURB 150' NW OF 1/16 CORNER, WEST SIDE OF GRAND MONTECITO PKWY. BETWEEN NORTH DURANGO AND WEST CENTENNIAL PKWY.

NAVD 88 = 2478.82 FEET
= 755.546 METERS

CONSTRUCTION NOTES:

- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
- NOT ALL NOTES USED ON THIS SHEET -
1. CONSTRUCT "L" TYPE CURB PER CCAUSD NO. 216.
 2. CONSTRUCT "A" TYPE CURB PER CCAUSD NO. 219.
 3. CONSTRUCT CONC. SIDEWALK PER CCAUSD NO. 234. WIDTH PER PLAN.
 4. CONSTRUCT "O" CURB.
 5. CONSTRUCT AC PAVEMENT PER DETAIL 1, SHEET C6.01.
 6. CONSTRUCT 3' VALLEY GUTTER PER DETAIL 2, SHEET C6.01.
 7. REMOVE BARRICADE.
 8. CONSTRUCT ADA RAMP PER DETAIL 4, SHEET C6.01.
 9. STEPS, SEE ARCHITECTURAL PLANS.
 10. MONUMENT SIGN, SEE ARCH. PLANS FOR DETAILS.
 11. TRASH ENCLOSURE PER ARCHITECTURAL PLANS.
 12. CONNECT TO EXIST. CURB, CURB AND GUTTER AND/OR SIDEWALK.
 13. REMOVE EXISTING CURB AND GUTTER.
 14. INSTALL PRECAST BUMPER BLOCKS 2' FROM CURB FACE PER DETAIL 5 ON C6.01.
 15. LANDSCAPE AREA, SEE LANDSCAPE PLANS.
 16. SAWCUT AND MATCH EXIST. PAVEMENT.
 17. 0"-6" CURB TRANSITION.
 18. SEE DETAIL 8, SHEET C6.01.
 19. CURB CUT, SEE DETAIL 7, SHEET C6.01.
 20. CONSTRUCT SIDEWALK DRAIN PER CCAUSD DWG NO. 238.
 21. WATER QUALITY-LINED SWALE, SEE DETAIL 6, C6.01.
 22. INSTALL CURB-LET CURB DRAIN AND ADAPTERS FOR 6" AND 8" EQUIVALENT. SEE PLAN FOR SIZE.
 23. ROOF DRAIN, SEE PLUMBING PLANS.
 24. DOCK LIFT, SEE STRUCTURAL PLANS.
 25. CONSTRUCT SIDEWALK RAMP PER CCAUSD STD. NO. 235 CASE III.
 26. CONSTRUCT RETAINING WALL 5'-2" MAX. RETAINING SEE STRUCTURAL PLANS.
 27. CONSTRUCT CONCRETE PAVEMENT PER DETAIL 1, SHEET C6.01.
 28. CONSTRUCT CASE 1 SIDEWALK RAMP PER CCAUSD STD. NO. 235, FINISH TO MATCH COLOR AND TEXTURE OF

CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	CONTOUR LINES	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	BACKWATER VALVES	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS
PROPERTY LINE	SAWCUT LINE	EXISTING: (2210)	(2210)								(12.38)		(S) = SANITARY SEWER (E) = STORM DRAIN (T) = TELEPHONE							(BWV)				
ROW LINE	SCARP LINE	PROPOSED: (2122)	(2122)																	(BWV)				

151113
03/11/16
1" = 30'
MH
CP/MH
TE

LOCHSA ENGINEERING
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Las Vegas, NV 89116
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www.lochsa.com

CENTENNIAL HILLS REHABILITATION HOSPITAL
LAS VEGAS, NV

GRADING PLANS
SHEET 1

PROJECT No.: 151113
DATE: 03/11/16
SCALE: 1" = 30'
DRAWN BY: MH
DESIGNED BY: CP/MH
CHECKED BY: TE

SEAL
GUY M. MORRIS
EXP. 12-31-17
CIVIL ENGINEER
No. 14526
STATE OF NEVADA

7-11-16
SHEET No. **C3.01**
4 of 6
107V6655 TH#63059