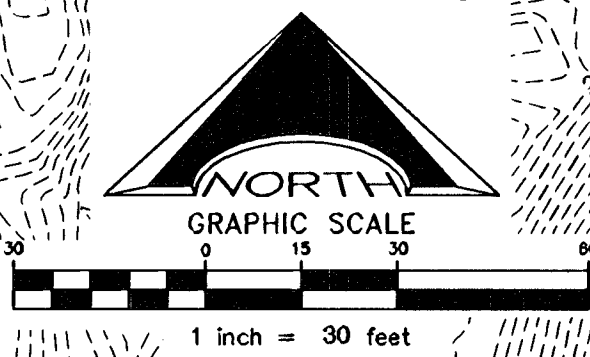


MATCH LINE-SEE C3.06

MATCH LINE-SEE C3.04

MATCH LINE-SEE C3.10

ALPINE RIDGE WAY



CONSTRUCTION KEY NOTES

1. CONSTRUCT TYPE "I" CURB AND GUTTER PER C.C.A.U.S.D. NO. 216 OVER 6" MIN. TYPE "B" BASE COMPACTED TO 95% MIN., UNLESS OTHERWISE NOTED IN THE PROJECT GEOTECHNICAL INVESTIGATION.
2. CONSTRUCT TYPE "A" CURB PER DETAIL 1 ON SHEET C8.01.
3. CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL 2 ON SHEET C8.01.
4. CONSTRUCT 4" CONCRETE VALLEY GUTTER PER DETAIL 3 ON SHEET C8.01.
5. CONSTRUCT CONCRETE SIDEWALK PER C.C.A.U.S.D. NO. 234.
6. CONSTRUCT SIDEWALK RAMP PER C.C.A.U.S.D. NO. 235 CASE I.
7. CONSTRUCT COMMERCIAL DRIVEWAY PER C.C.A.U.S.D. NO. 225 WITH GEOMETRICS OF C.C.A.U.S.D. 222A.
8. CONSTRUCT HANDICAP AREA PER DETAIL 4 ON SHEET C8.01.
9. CONSTRUCT NON-HOLDING "L" CURB AND GUTTER PER DETAIL 11 ON SHEET C8.01.
10. INSTALL 3" FLUME PER DETAIL 5 ON SHEET C8.01.
11. INSTALL 6" FLUME PER DETAIL 6 ON SHEET C8.01.
12. INSTALL ON-SITE CONCRETE APRON PER DETAIL 7 ON SHEET C8.01.
13. CHAIN LINK FENCE, REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
14. LANDSCAPE AREA, REFER TO LANDSCAPE ARCHITECTURAL PLANS.
15. FUELING AREA, REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
16. BUS WASH AREA, REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
17. REFER TO SHEET C7.01 FOR RETAINING WALL STRUCTURAL SECTION AND NOTES.
18. WALL "A" PROFILE, REFER TO SHEET C7.04.
19. WALL "B" PROFILE, REFER TO SHEET C7.02.
20. WALL "B3" PROFILE, REFER TO SHEET C7.02.
21. WALL "C1" PROFILE, REFER TO SHEET C7.03 AND C7.04.
22. WALL "D" PROFILE, REFER TO SHEET C7.04.
23. CONSTRUCT ELECTRICAL AREA PER ARCHITECTURAL PLANS AND SITE ELECTRICAL PLANS.
24. CONSTRUCT SIDEWALK DRAIN PER C.C.A.U.S.D. NO. 236.
25. INSTALL HEAVY DUTY AC PER DETAIL 8 ON SHEET C8.01.
26. INSTALL LIGHT DUTY AC PER DETAIL 9 ON SHEET C8.01.
27. INSTALL 4" WIDE WHITE PARKING LOT STRIPE.
28. CONSTRUCT BUILDING PAD PER DETAIL 10 ON SHEET C8.01. FOR ADDITIONAL INFORMATION REFER TO PROJECT GEOTECHNICAL REPORT AND STRUCTURAL DWGS.
29. INSTALL PRECAST CONCRETE BUMPER BLOCK PER C.C.A.U.S.D. NO. 238.
30. ENTRANCE GATE, REFER TO ARCHITECTURAL PLANS FOR DETAILS.
31. CONSTRUCT SIDEWALK RAMP PER C.C.A.U.S.D. NO. 235, CASE II.
32. CONSTRUCT DETECTABLE WARNING STRIP PER C.C.A.U.S.D. NO. 235.
33. NOT USED.
34. TRASH ENCLOSURE, REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
35. CONTRACTOR TO INSTALL TYPE "A" BARRIER RAIL PER NDOT DWG. R-8.6.1 AND BARRIER RAIL REFLECTORS PER NDOT DWG. R-9.2.2.
36. PROVIDE A 12' WIDE ACCESS ROAD. CONSTRUCT WITH TYPE II COMPACTED TO 95% DENSITY WITH 2% MAX. CROSS SLOPE.
37. REFER TO DETAIL "C" ON SHEET C3.02 FOR ADDITIONAL INFORMATION.
38. REFER TO SHEET C7.02 FOR ADDITIONAL INFORMATION.
39. EXISTING AC PAVEMENT TO BE REMOVED AND LEGALLY DISPOSED OF.

STORM DRAIN KEY NOTES

1. INSTALL A 48" TYPE I MANHOLE PER C.C.A.U.S.D. 403.
2. INSTALL A 60" TYPE I MANHOLE PER C.C.A.U.S.D. 403.
3. INSTALL A 48" TYPE II MANHOLE PER C.C.A.U.S.D. 405.
4. INSTALL A 60" TYPE III MANHOLE PER C.C.A.U.S.D. 406.
5. INSTALL A CONCRETE COLLAR PER C.C.A.U.S.D. 408.
6. INSTALL A 2.5' GRATE WITH A 10" CURB OPENING MODIFIED TYPE "C" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
7. INSTALL A JENSEN PRECAST D1242448 CATCH BASIN.
8. INSTALL A JENSEN PRECAST D1484872 CATCH BASIN.
9. INSTALL A 5' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
10. INSTALL A 7.5' GRATE WITH AN 11.25" CURB OPENING MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
11. INSTALL A 7.5' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
12. INSTALL A 10' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
13. INSTALL A 12.5' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
14. INSTALL A 27.5' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
15. INSTALL AN RCP END SECTION PER NDOT DETAIL R-2.3.1.
16. INSTALL A 5' MODIFIED TYPE "CM" INLET PER C.C.A.U.S.D. 412A. INLET SHALL INCLUDE A WATER QUALITY STAMP PER C.C.A.U.S.D. 421.
17. INSTALL AN NDOT TYPE 2 DROP INLET PER DWG. NO. R-4.2.1.
18. CAP FOR FUTURE WITH BRICK OR CONCRETE. DO NOT USE WOOD.

NOTE:
ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040.

BASIS OF BEARING

NORTH 00°05'54" WEST, BEING THE BEARING OF THE WEST LINE OF THE EAST HALF (E 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 36 TOWNSHIP 19 SOUTH, RANGE 59 EAST, AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 89, PAGE 3 OF SURVEYS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 5LV99 36N6
A RIVET AND PLATE IN A FENCE POST BASE AT THE SOUTHWEST CORNER OF ALPINE RIDGE AND HAMMER LANE
ELEVATION = 2851.24 FEET (869.059 METERS) NAVD 1988 DATUM

NOTE:
ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL NUMBER 520003C1750 E, REVISED SEPTEMBER 27, 2002 THE SITE IS LOCATED WITHIN A ZONE "X". A ZONE "X" IS DESCRIBED AS AREAS OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

I CERTIFY THAT THIS GRADING CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CITY OF LAS VEGAS PER DS4511A.
VERNON R. HARKINS P.E. No. 9898 DATE 11/2/11

REVISIONS

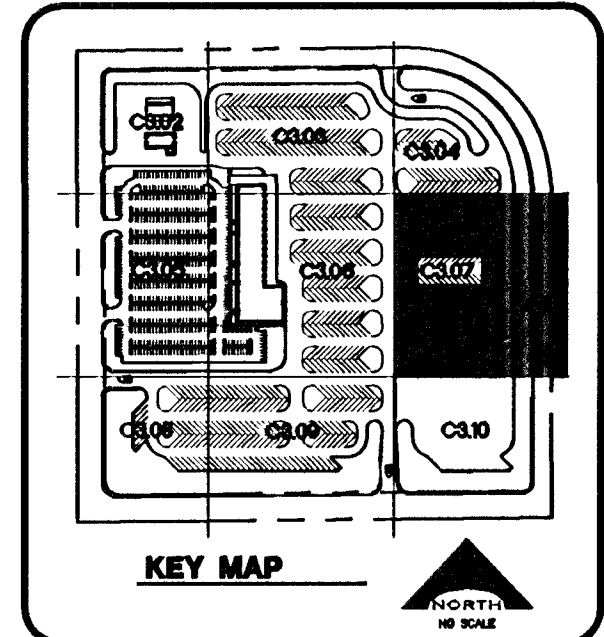
REV	DESCRIPTION	DATE	BY

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
Avoid cutting underground utility lines or causing damage.
1-800-227-2600
CLARK COUNTY PUBLIC WORKS
1-702-455-7544

Avoid overhead power line contact
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



PROFESSIONAL ENGINEER STATE OF NEVADA VERNON R. HARKINS EXP. 6/30/13 CIVIL NO. 009898	CCSD PROJECT NO. 1549	DATE ORDERED 31, 2011
	CCSD REVIEW	DATE
	APPROVED BY	CHECKED BY
	SUBMITTAL	DATE

L. R. NELSON CONSULTING ENGINEERS, INC.
6762 West Russell Road, Suite 200
Las Vegas, Nevada 89115
(702) 451-2224 FAX
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CIVIL
PLANNING

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CLARK COUNTY SCHOOL DISTRICT
DESIGN MANAGEMENT / PLANNING AND DESIGN
4170 McLEOD DRIVE
LAS VEGAS, NEVADA 89121

CCSD NORTHWEST SATELLITE TRANSPORTATION FACILITY

GRADING PLAN

SHEET NO.

C3.07
SHEET 25 OF 83

CLV #41249

7/5-193

HTE #11-19927

2012-212