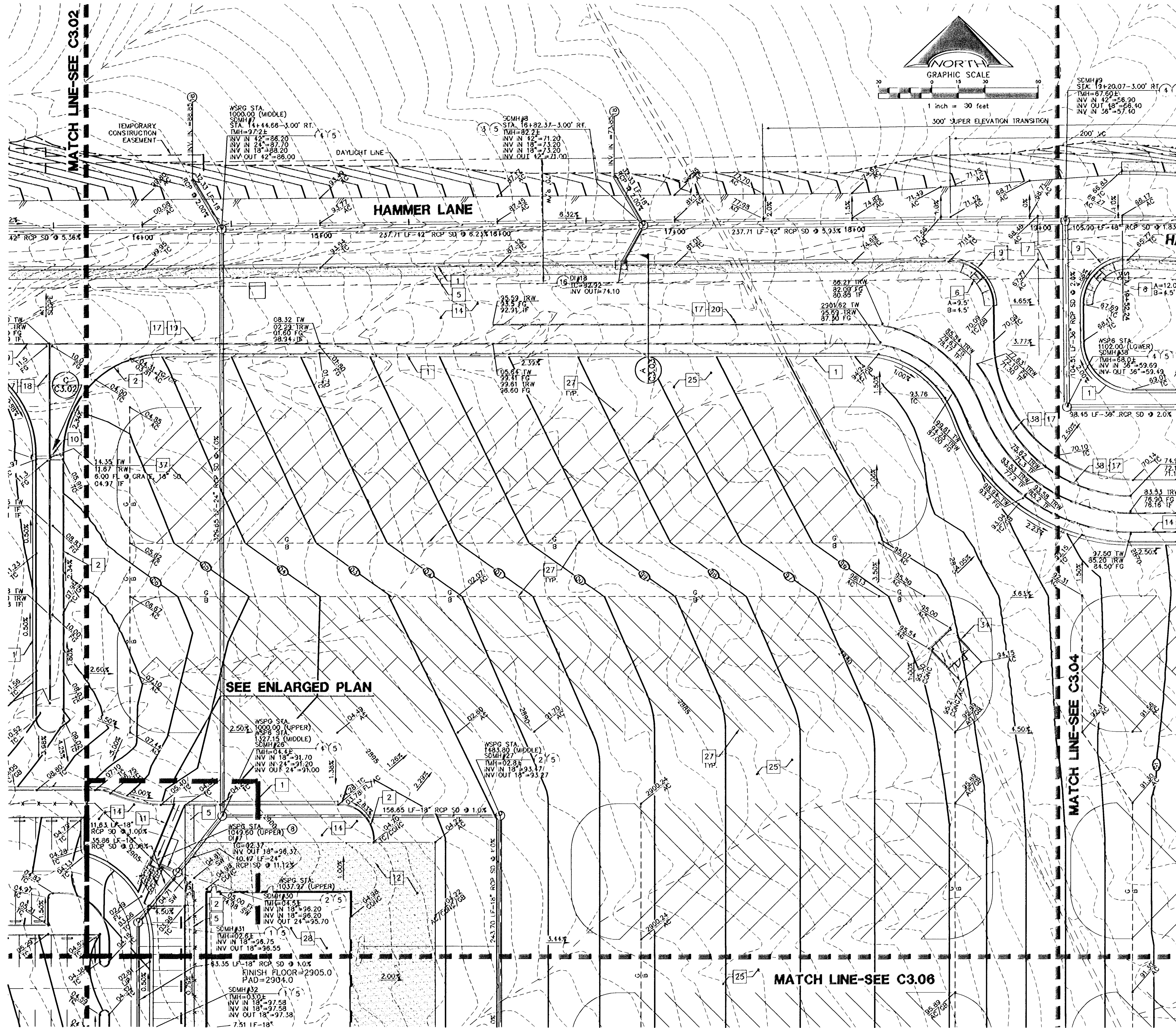




### CONSTRUCTION KEY NOTES

1. CONSTRUCT TYPE 'L' CURB AND GUTTER PER C.C.A.U.S.D. NO. 216 OVER 6" MIN. TYPE II BASE COMPACTED TO 95% MIN., UNLESS OTHERWISE NOTED IN THE PROJECT GEOTECHNICAL INVESTIGATION.
2. CONSTRUCT TYPE 'A' CURB PER DETAIL 1 ON SHEET C6.01.
3. CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL 2 ON SHEET C6.01.
4. CONSTRUCT 4" CONCRETE VALLEY GUTTER PER DETAIL 3 ON SHEET C6.01.
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 C6.01.
9. CONSTRUCT NON-HOLDING "L" CURB AND GUTTER PER DETAIL 11 ON SHEET C6.01.
10. INSTALL 3" FLUME PER DETAIL 5 ON SHEET C6.01.
11. INSTALL 6" FLUME PER DETAIL 6 ON SHEET C6.01.
12. INSTALL ON-SITE CONCRETE APRON PER DETAIL 7 ON SHEET C6.01.
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 C6.01.
26. INSTALL LIGHT DUTY AC PER DETAIL 9 ON SHEET C6.01.
27. INSTALL 4" MDE WHITE PARKING LOT STRIPE.
28. CONSTRUCT BUILDING PAD PER DETAIL 10 ON SHEET C6.01. 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' GRADE WITH A 10" 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.
7. INSTALL A JENSEN PRECAST D124248 CATCH BASIN.
8. INSTALL A JENSEN PRECAST D1424872 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' GRADE 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 99, PAGE 3 OF SURVEYS.

### BENCHMARK

CITY OF LAS VEGAS BENCHMARK 5LV99 3686  
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 5200501750 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. 9998 DATE 11/2/11

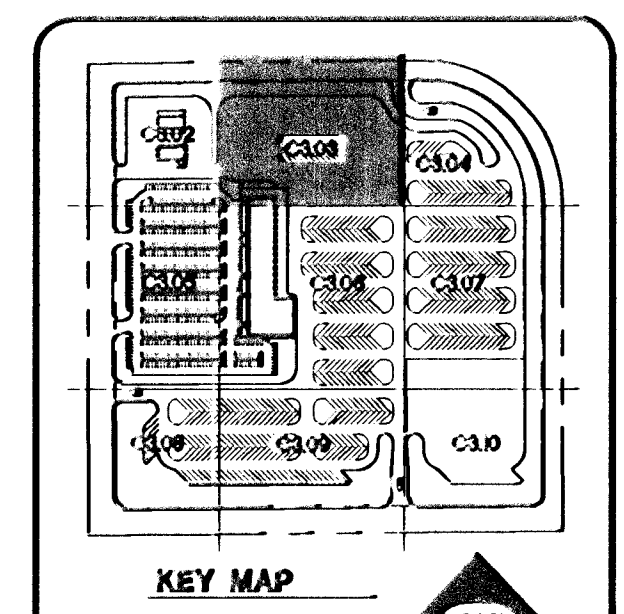
| REVISIONS |             |      |    |
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### DISCLAIMER NOTE

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. If a utility is located, call before you dig.  
1-800-368-5800  
1-702-227-2600  
1-702-455-7514

Avoid overhead power line contact  
Call before you Overhead  
1-702-227-2929  
NEVADA POWER OVERHEAD AND SAFETY SERVICE CONTRACTOR



|                               |                               |                       |
|-------------------------------|-------------------------------|-----------------------|
| PROJECT NO. 15-45             | DESIGNED BY VERNON R. HARKINS | DATE OCTOBER 31, 2011 |
| DESIGNED BY VERNON R. HARKINS | DATE OCTOBER 31, 2011         | CHECKED BY            |
| DATE OCTOBER 31, 2011         | CHECKED BY                    | SUBMITTAL             |
| DATE OCTOBER 31, 2011         | CHECKED BY                    | DATE OCTOBER 31, 2011 |
| DATE OCTOBER 31, 2011         | CHECKED BY                    | DATE OCTOBER 31, 2011 |

**L. NELSON CONSULTING ENGINEERS, INC.**  
6724 West Sahara Road, Suite 200  
Las Vegas, Nevada 89118  
(702) 795-7978  
(702) 451-2258 FAX

**VERNON R. HARKINS**  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
No. 009998  
EXPIRATION DATE 11/31/13

**KGA ARCHITECTURE**  
9075 West Diablo Drive, Third Floor  
Las Vegas, Nevada 89148  
702.367.6900  
www.KGAarchitecture.com  
LAS VEGAS, NEVADA 89121

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

**CCSD NORTHWEST SATELLITE TRANSPORTATION FACILITY**  
PROJECT  
SHEET NO. C3.03  
SHEET 21 OF 83  
CLV #1249 715-133  
HIE #11-19927