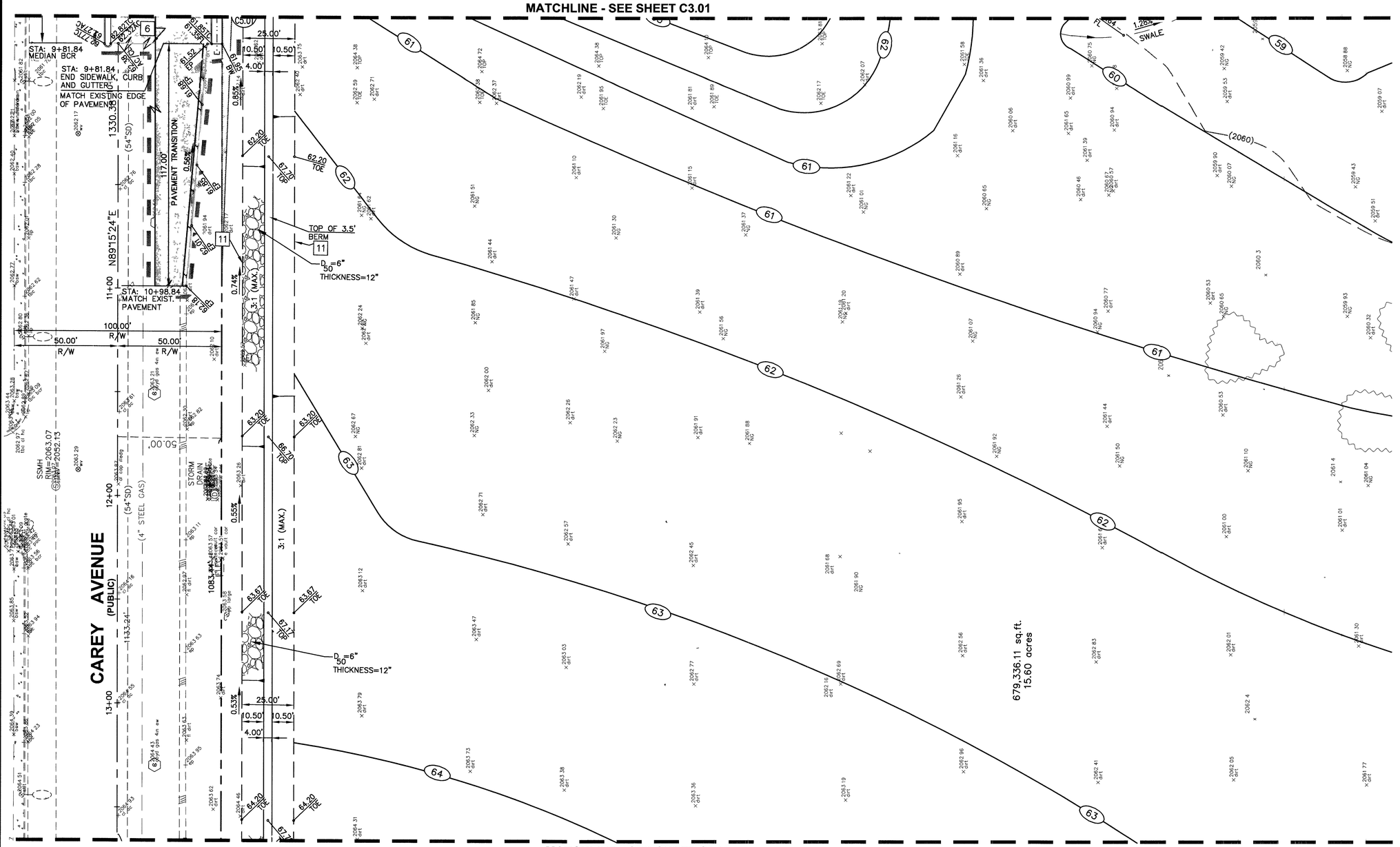
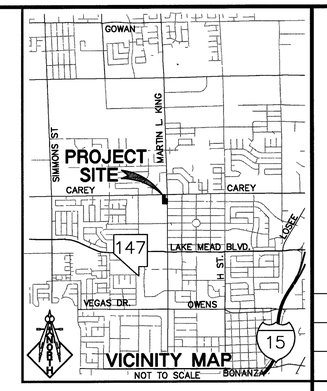
MATCHLINE - SEE SHEET C3.01



MATCHLINE - SEE SHEET C3.03



ZOOM

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30 ft.

GRADING PLAN CERTIFICATION

GUY M. MORRIS, P.E. NAME: 14526 PE # 08-03-05 DATE:

CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

GEOTECHNICAL NOTE:

A GEOLOGIST OR GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING EXCAVATION AND MASS GRADING OPERATIONS TO EXAMINE THE SOIL CHARACTERISTICS AND GEOLOGICAL CONDITIONS ENCOUNTERED, AND TO PROVIDE PROFESSIONAL ADVICE TO THE OWNER IN THE EVENT THAT UNANTICIPATED SOIL PROBLEMS ARISE AND/OR SUBSURFACE SITE CONDITIONS ARE FOUND TO BE SIGNIFICANTLY DIFFERENT THAN DEFINED BY PRE-DESIGN EXPLORATION AND TESTING.

NOTE:

CONTRACTOR TO STEP WALL FOOTING UNDER 8" PVC STORM DRAIN PIPE.

STORM DRAIN NOTE:

ALL ON-SITE STORM DRAINS ARE PRIVATELY OWNED AND WILL BE PRIVATELY MAINTAINED.

A.P.N.:

139-21-102-013

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 21, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY THAT MAP ON FILE IN FILE 05 OF PARCEL MAPS, PAGE 94 IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

SAID LINE BEARS NORTH 89°13'24" EAST.

BENCHMARK:

CLV BM NO. 2LV012114
BEING A RIVET AND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF CAREY AND MARTIN LUTHER KING
ELEVATION: 2058.60 FEET / 627.4635 METERS
(NAVD '88 DATUM)

NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.

Avoid cutting underground utility lines. It's costly.

Call before you Dig 1-800-227-2600

SAFETY ALERT Call Before You Overhead 1-702-593-6111

CONSTRUCTION NOTES

1. CONSTRUCT "A" TYPE CURB PER DETAIL 6 ON C5.01
2. CONSTRUCT "L" CURB PER DETAIL 1 ON C5.01
3. INSTALL AC PAVEMENT PER DETAIL 3 ON C5.01
4. CONST. CONC. SIDEWALK PER STD. DWG. No.234, SEE DETAIL 2 ON C5.01
5. CONSTRUCT 3' CONC. VALLEY GUTTER PER DETAIL 8 ON C5.01
6. SAWCUT EXISTING PAVEMENT AND MATCH EXISTING GRADES
7. BLOCK WALL OPENING PER DETAIL 5 ON C6.01
8. CONSTRUCT 0" CURB FACE
9. TRANSITION BETWEEN 0" CURB FACE AND UP TO 6" CURB FACE
10. CONSTRUCT 8' WIDE CROSS GUTTER PER C.C.A.U.S.D. #228
11. CONSTRUCT 3.5' HIGH BERM, WITH RIP-RAP PROTECTION, SEE DETAILS D AND E ON SHEET C5.01
12. CURB OPENING
13. CONSTRUCT 4' CONC. CHANNEL PER DETAIL 4 ON C5.01
14. REFER TO ARCHITECTURAL PLANS FOR CONSTRUCTION OF TRASH ENCLOSURE
15. REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR DECORATIVE PAVING
16. INSTALL BUMPER BLOCK PER DETAIL 9 ON C5.01
17. INSTALL SIDEWALK UNDER DRAIN PER DETAIL 7 ON SHT. C5.01
18. CONSTRUCT 4' WIDE WALL OPENING PER DETAIL 5 ON SHT. C5.01
19. INSTALL 2'x2' AREA DRAIN PER DETAIL 10 ON SHT. C5.01, SEE MECHANICAL PLANS FOR CONTINUATION.
20. INSTALL 6" PVC TO 4" RECTANGULAR TRANSITION FITTING.
21. INSTALL 8" STEEL SLEEVE WHERE DRAIN LINE CROSSES UNDER WALL FOOTING
22. PROPOSED 8' HIGH CMU WALL
23. INSTALL MOW CURB PER DETAIL 16 ON SHT. C5.01
24. CONSTRUCT TACK ON MEADIAN ISLAND PER C.C.A.U.S.D. #221
25. CONSTRUCT 4'x1.33' BUILDING WALL OPENING FOR OVERFLOW PATH, SEE ARCHITECTURAL PLAN

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. REFER TO THE REPORT PREPARED BY:
   TERRACON
   PROJECT NO. 64045083, DATED: MAY 27, 2004

TITLE 30 SWALE NOTE:

WITHIN LANDSCAPE AREAS GREATER THAN SIX (6) FEET IN DEPTH, A TWO (2) FOOT MINIMUM SWALE SHALL BE PROVIDED ADJACENT TO SIDEWALKS UNLESS A PERIMETER FENCE OR WALL IS CONSTRUCTED WITHIN TWO (2) FEET OF THE SIDEWALK.

NOTE
CONTRACTOR TO PULL PERMIT PRIOR TO COMMENCING ANY WORK IN CITY OF LAS VEGAS RIGHT OF WAY.

LEGEND

- PROPOSED R.O.W. DEDICATION *PER DOC. NO. 20050825*
- LIMITS OF CONSTRUCTION
- AC PAVEMENT

LEGEND				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	METERS AND PULLBOXES	100w HPS STREETLIGHTS	150w HPS STREETLIGHTS	200w HPS STREETLIGHTS	250w HPS STREETLIGHTS
CL OR SURVEY LINE	EASEMENT LINE	HEAVY AC PVMT.		EXISTING:	(2210)								(12.34) BC			(S) = SANITARY SEWER									
PROPERTY LINE	SAWCUT LINE	LIGHT AC PVMT.		PROPOSED:	2210								12.34 BC			(D) = STORM DRAIN									
ROW LINE	SCARP LINE	CONCRETE PVMT.														(E) = ELECTRICAL									
																(T) = TELEPHONE									

REV:	DATE:	BY:	DESCRIPTION:		

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6345 SOUTH JONES BOULEVARD SUITE 100
LAS VEGAS, NV 89118
PHONE: (702) 365-9312, FAX: (702) 365-9317

SHEET	GRADING PLAN SHEET - 2
TITLE	EARLY CHILDHOOD DEVELOPMENT CENTER
DATE	07-25-05
DRAWN BY:	CRW
DESIGNED BY:	CRW
CHECKED BY:	G.M.
PROJECT No.:	6741.04
SCALE:	1"=30'

SEAL

STATE OF NEVADA — GUY M. MORRIS — EXP 12-31-05 — CIVIL — No. 14526 — 08-03-05

SHEET No C3.02
SHEET 5 OF 11
DRAWING No 107V4517

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