A PORTION OF APN: 125-21-102-009
NOT A PART

APN: 125-21-102-009
SOMERSET ACADEMY

LIMITS OF CONSTRUCTION

SCREEN WALL SEE ARCHITECTURAL PLANS

S89°17'14"E – 901.76'

S00°42'46"W 291.43'

S00°42'46"W – 1208.55'

ELKHORN-CIMARRON EST UNIT 2-A

EX. AC PARKING LOT

LANDSCAPE

DAYLIGHT LIMITS

SEE DETAIL 'E' SHEET C4.02

BEGIN SW CONSTRUCTION

6 STEPS

FFE=2502.00

FFE=2504.88

FFE=2505.00

FFE=2504.15

RAMP INSIDE

PROPOSED ADDITION
FFE=2503.00

PROPOSED ADDITION
FFE=2499.50

SEE DETAIL 'B' SHEET C4.02

SEE DETAIL 'A' SHEET C4.02

SEE DETAIL 'C' & 'D' SHEET C4.02

2 STEPS

12:1 MAX.

SOMERSET ACADEMY
H# 47503
CLV# 715-184

EXIST. CONC. V.G.

EXIST. PLAYGROUND

EXISTING BUILDING
FFE=(2499.50)

GRAPHIC SCALE

20 0 10 20
(IN FEET)
1 INCH = 20 FT

BASIS OF BEARING

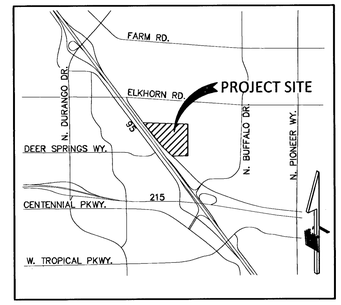
NORTH 85°49'07" WEST BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) AS SHOWN IN FILE 118, PAGE 98 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK

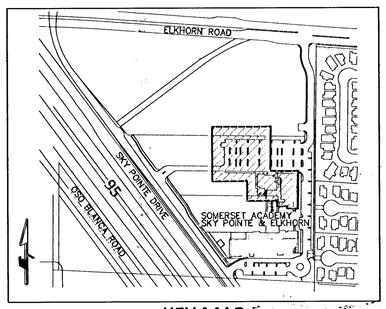
CLARK COUNTY VERTICAL CONTROL v.2003
BENCHMARK #BLV90 21N4
CITY OF LAS VEGAS RIVET AND ROUND PLATE IN THE TOP OF CURB, SOUTHEAST CORNER OF ELKHORN RD. AND CIMARRON RD.
NORTH AMERICAN VERTICAL DATUM OF 1998 (NAVD 88)
749.244 METERS, 2458.15 U.S. SURVEY FEET

CONSTRUCTION NOTES

NO.	ITEM USDCCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA.
1	CONSTRUCT 'A' TYPE CURB PER USDCCA DWG. NO. 219.
2	CONSTRUCT 2" MIN. AC OVER 4" TYPE II AB (LIGHT DUTY) PER DETAIL 'A' SHEET C8.01.
3	CONSTRUCT 3" MIN. AC OVER 4" TYPE II AB (HEAVY DUTY) PER DETAIL 'A' SHEET C8.01.
4	CONSTRUCT CONCRETE SIDEWALK PER USDCCA NO. 234. SEE DETAIL 'D' SHEET C8.01 FOR FINISHING SPECIFICATIONS. (LIGHT DUTY) *
5	CONSTRUCT CURB TRANSITION FROM 0" TO 6" TALL TYPE 'A' CURB. SEE DETAILS 'C' SHEET C8.01 AND 'E' SHEET C4.02.
6	SAW CUT, REMOVE AND REPLACE EXISTING AC PAVEMENT.
7	HANDRAILS REQUIRED. SEE ARCHITECTURAL PLANS FOR DETAILS.
8	CONSTRUCT STAIRS. SEE ARCHITECTURAL & STRUCTURAL PLANS FOR DETAILS.
9	CONSTRUCT RETAINING WALLS. SEE STRUCTURAL PLAN FOR DETAILS.
10	CONSTRUCT BOLLARDS PER DETAIL 'B' SHEET C8.01.
11	0" CURB PER DETAIL 'E' SHEET C8.01.
12	INSTALL 4" NDS ATRIUM GRATE AND 90° ELBOW.
13	CONCRETE ACCESS RAMP. SEE STRUCTURAL PLANS AND DETAIL 'A', 'C' AND 'D' SHEET C4.02.
14	CONSTRUCT 6" CONCRETE SIDEWALK OVER 4" TYPE II AGGREGATE BASE SEE DETAIL 'D' SHEET C8.01 FOR FINISHING SPECIFICATIONS (HEAVY DUTY).*
15	INSTALL 2"x4" REDWOOD HEADER AT EDGE OF PAVEMENT.
16	INSTALL ROUND TO RECTANGULAR CURB-O-LET ADAPTER (PART NO. CP-SPA14) OR APPROVED EQUIVALENT.
17	ROOF DRAIN AND OVERFLOW ROOF DRAIN DROP TO 6" ABOVE FINISH GRADE. DISCHARGE TO GRADE.
18	CONSTRUCT TYPE 'L' CURB PER USDCCA NO. 219.
19	INSTALL PRECAST WHEEL STOP PER USDCCA NO. 238.
20	INSTALL 4" PVC SD PIPE. CONNECT TO ROOF DRAINS AND DAYLIGHT THROUGH FACE OF WALL AT GRADE.



VICINITY MAP
NTS



KEY MAP
NTS

NOTE:

SEE ARCHITECTURAL PLANS FOR CONSTRUCTION JOINTS, SCORE, COLOR AND TEXTURE FOR DECORATIVE CONCRETE PAVING.

ALL GRADING WORK SHALL BE IN STRICT ACCORDANCE WITH THE SOILS REPORT FOR THE SITE ENTITLED "GEOTECHNICAL EXPLORATION 27 ACRE COMMERCIAL DEVELOPMENT SEC ELKHORN RD. AND U.S. HIGHWAY 93-95.

PROJECT NO.: 64955351-1, DATED DECEMBER 21, 1995
UPDATED: NOVEMBER 15, 2012

PREPARED BY:
TERRACON CONSULTANTS WESTERN, INC.
4343 SOUTH POLARIS AVENUE
LAS VEGAS, NEVADA 89103
PHONE NO.: (702) 597-9393
FAX NO.: (702) 597-9009

ALL WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A REGISTERED PROFESSIONAL SOILS ENGINEER.

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY #OS 4570 FOR THIS SITE ON FILE WITH CITY OF LAS VEGAS.

PAUL F. FRITZ, P.E. 16825 — DATE 12-18-13

GENERAL NOTE:

IT IS THE CONTRACTORS RESPONSIBILITY TO FILE A NOTICE OF INTENT/REQUEST TO BE INCLUDED IN THE STORM WATER GENERAL PERMIT, AND SUBMIT THE ASSOCIATED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY FEDERAL LAW, AND MONITORED BY THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION.

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEMS. IT'S COSTLY.
CALL BEFORE YOU DO UNDERGROUND WORK
CALL 1-702-455-7511
CALL 1-702-432-5300

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD WORK
CALL 1-702-227-2929

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL 811 OR 1-800-227-2600

CIVIL SQUARED ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

LEGEND

EXISTING	PROPOSED	
(0.00%)	0.00%	SLOPE
(0.00) XXX	0.00 XXX	GRADING/ ELEVATION TAG
(D)	(D)	STORM MANHOLE
		DRAIN INLET
		CONTOUR
		SCREEN/ RETAINING WALL
		POWER LINE/POLE
		TELEPHONE LINE
		METER/PULL BOX
		UTILITY POLE
		STREET LIGHT
		AREA LIGHT
		FIRE HYDRANT
		FIRE DEPARTMENT CONNECTION
		WATER VALVE
		REDUCER
(S)	(S)	SEWER MANHOLE
		CLEANOUT
		GAS VALVE
		PL-RIGHT-OF-WAY
		PL-ADJACENT
		CENTERLINE
		EASEMENT LINE
		FLOW LINE
		SIGN W/POLE
		SAWCUT LINE
		AC PAVEMENT
		6" TYPE "A" CURB
		24" TYPE "L" CURB & GUTTER
		30" ROLL CURB
		CONCRETE

civil squared engineering
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.civilsquared.com

PROFESSIONAL ENGINEER STATE OF NEVADA
PAUL F. FRITZ
EXP. 06-30-15
CIVIL
NO. 16825
12-18-13

NO.	DESCRIPTION OF REVISIONS	DATE	APPROVAL

SOMERSET ACADEMY PHASE II
APN: 125-21-102-009
GRADING PLAN

DATE:	12/03/13
JOB NUMBER:	4098
DESIGNED:	P. FRITZ
DRAWN:	TONY P.
CHECKED:	P. FRITZ, P.E.

SHEET NUMBER
C4.01

H#51783
715-183-2

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