

=====	PROPERTY BOUNDARY
-----	RIGHT-OF-WAY
-----	PROPERTY LINE
-----	CENTER LINE
-----	EASEMENT
-----	EXST "L" TYPE CURB
-----	EXST "A" TYPE CURB
-----1900-----	EXST MAJOR CONTOUR LINE
-----1901-----	EXST MINOR CONTOUR LINE
-----	EXST SCREEN WALL AS INDICATED
-----	EXST EDGE OF PAVEMENT
-----	EXST EDGE OF SIDEWALK
-----UGP-----	EXST UNDERGROUND POWER
-----FO-----	EXST FIBER OPTICS
-----G-----	EXST GAS
-----W-----	EXST WATER LINE
-----SS-----	EXST SEWER LINE
-----SD-----	EXST STORM DRAIN

MATCH LINE SEE SHEET C4

EXISTING		PROPOSED	
	TOP BACK CURB		TOP BACK CURB
	EXISTING GROUND		FINISH GRADE
	EDGE OF PAVEMENT		EDGE OF PAVEMENT
	FLOW LINE		FLOW LINE
	ASPHALT CONCRETE		ASPHALT CONCRETE
	TOP OF RET. WALL		TOP OF RET. WALL
	TOP OF FOOTER		TOP OF FOOTER
			HIGH POINT

1. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING STRUCTURES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED OR OBSCURED DURING CONSTRUCTION.

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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 IN THEIR PROPER LOCATION.

Call before you Dig
Avoid cutting underground utility lines. It's costly.

Call
811

A graphic of a shovel with the number 811 on its handle. The shovel is black and white, with the handle pointing upwards and the blade pointing downwards. The number 811 is written in a bold, sans-serif font on the handle.

FAST

Call before you dig
UnderGround

THIS SITE IS LOCATED IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL XXXXXXXXXX E. CLARK COUNTY, NEVADA DATED MONTH XX, XXXXXX.

CITY OF LAS VEGAS VERTICAL CONTROL STATION "5LV9017S6", RIVET AND PLATE IN THE TOP OF CURB AT THE NW CORNER OF OSO BLANCA RD. AND DURANGO.

SOUTH 89°20'04" EAST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN FILE 197, PAGE 5 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

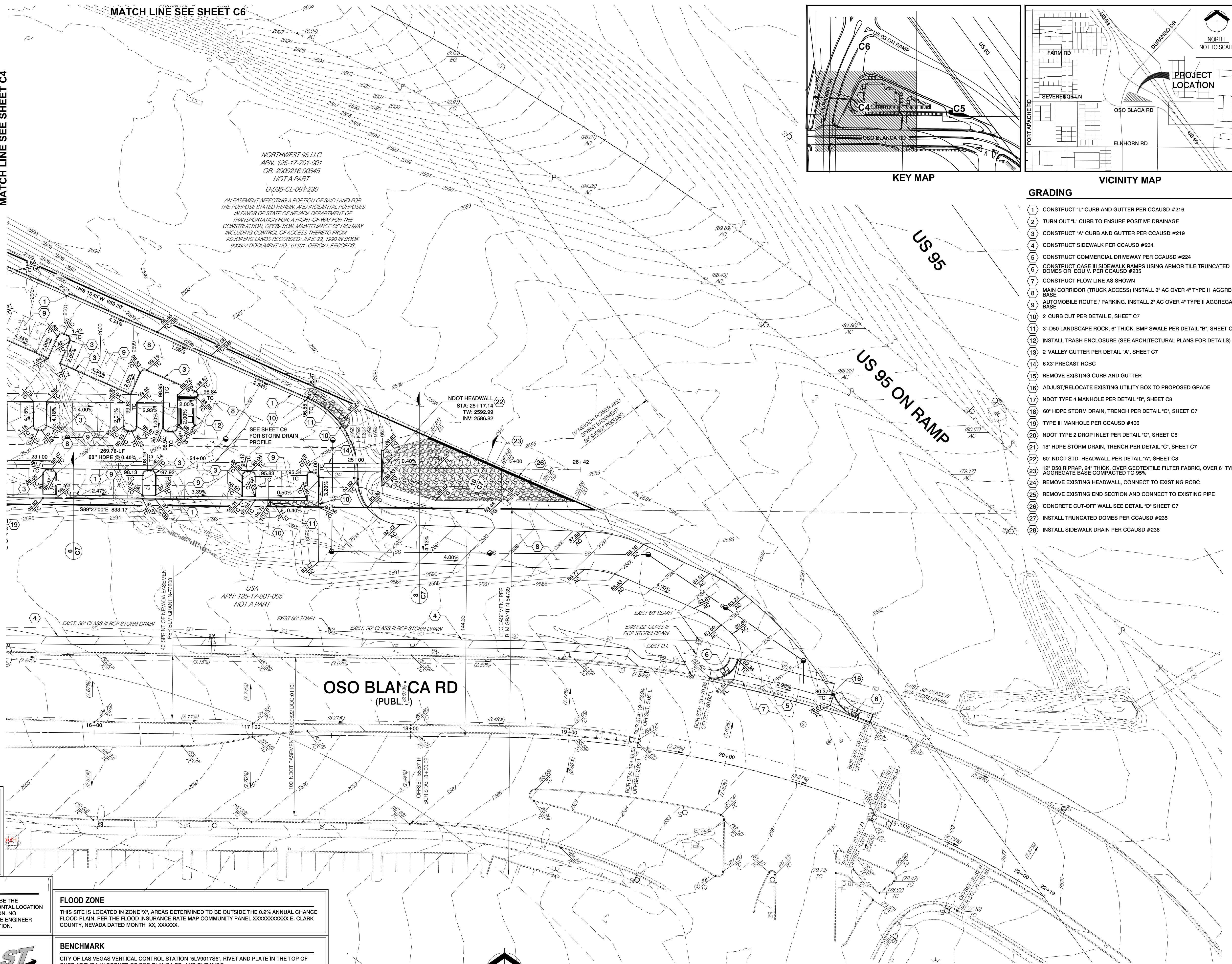
APN No.	ACREAGE:	ZONING
125-17-701-001	15.78	TC

THIS NOTE IS FOR ALL GRADING ELEVATIONS SHOWN HEREON WITH EXCEPTION
TO CONTOUR ELEVATIONS, FINISHED FLOORS, AND PAD ELEVATIONS UNLESS
OTHERWISE NOTED.

CUT= 1,021 CY
FILL= 27,506 CY
NET= 26,485 CY CUT

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY CLV # XXXXXXX FOR THIS SITE ON FILE AT CITY OF LAS VEGAS FOR THIS PROJECT.

ERIC | P1273 P.E. No. 16250



KEY MAP

VICINITY MAP

GRADING

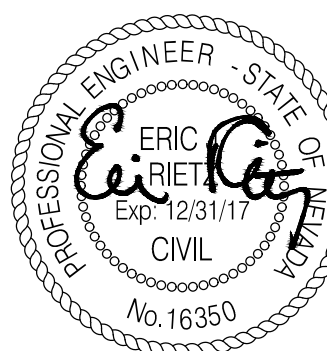
- 1 CONSTRUCT "L" CURB AND GUTTER PER CCAUSD #216
- 2 TURN OUT "L" CURB TO ENSURE POSITIVE DRAINAGE
- 3 CONSTRUCT "A" CURB AND GUTTER PER CCAUSD #219
- 4 CONSTRUCT SIDEWALK PER CCAUSD #234
- 5 CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD #224
- 6 CONSTRUCT CASE III SIDEWALK RAMPS USING ARMOR TILE TRUNCATED
DOMES OR EQUIV. PER CCAUSD #235
- 7 CONSTRUCT FLOW LINE AS SHOWN
- 8 MAIN CORRIDOR (TRUCK ACCESS) INSTALL 3" AC OVER 4" TYPE II AGGREGATE
BASE
- 9 AUTOMOBILE ROUTE / PARKING. INSTALL 2" AC OVER 4" TYPE II AGGREGATE
BASE
- 10 2 CURB CUT PER DETAIL E, SHEET C7
- 11 3'-0"50 LANDSCAPE ROCK, 6" THICK, BWP SWALE PER DETAIL "B", SHEET C7
- 12 INSTALL TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
- 13 2 VALLEY GUTTER PER DETAIL "A", SHEET C7
- 14 6X3" PRECAST RCBC
- 15 REMOVE EXISTING CURB AND GUTTER
- 16 ADJUST/RELOCATE EXISTING UTILITY BOX TO PROPOSED GRADE
- 17 NDOT TYPE 4 MANHOLE PER DETAIL "B", SHEET C8
- 18 60" HDPE STORM DRAIN, TRENCH PER DETAIL "C", SHEET C7
- 19 NDOT TYPE 1 MANHOLE PER CCAUSD #406
- 20 NDOT TYPE 2 DROP INLET PER DETAIL "C", SHEET C8
- 21 18" HDPE STORM DRAIN, TRENCH PER DETAIL "C", SHEET C7
- 22 60" NDOT STD. HEADWALL PER DETAIL "A", SHEET C8
- 23 12" G50 RIPRAP, 24" THICK, OVER GEOTEXTILE FILTER FABRIC, OVER 6" TYPE II
AGGREGATE BASE COMPACTED TO 95%
- 24 REMOVE EXISTING HEADWALL, CONNECT TO EXISTING RCBC
- 25 REMOVE EXISTING END SECTION AND CONNECT TO EXISTING PIPE
- 26 CONCRETE CUT-OUT WALL SEE DETAIL "D" SHEET C7
- 27 INSTALL TRUNCATED DOMES PER CCAUSD #235
- 28 INSTALL SIDEWALK DRAIN PER CCAUSD #236

GRADING PLAN 2

GRADING PLAN 2

CAPROCK HOSPITAL, NW LAS VEGAS
CITY OF LAS VEGAS, NEVADA
APN # 125-17-701-001

DATE:	6/28/2017
DRAFTER:	BGF
CHECKED:	EUR
SCALE:	1" = 30'



6/28/2017

SHEET

C5
SHEET **3** OF **9** SHEETS

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