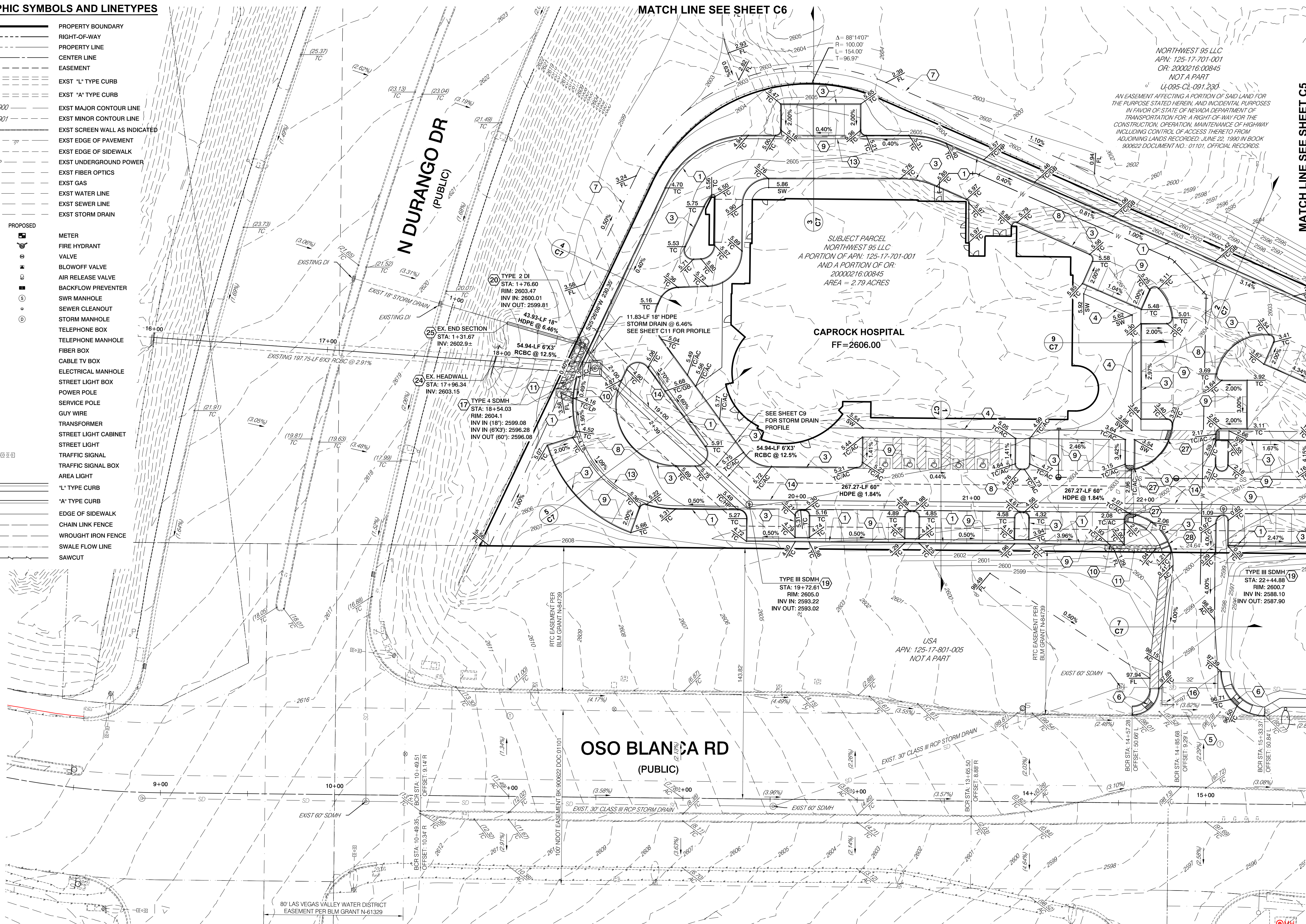


[illegible]

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
811

all before you
derGround 

1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM
OF TRANSPORTATION

ELEVATION = 798.433 METERS
ELEVATION = 2619.53 FEET (U.S. SURVEY FEET)(NAVD88)

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., OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN FILE 197, PART OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

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.

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

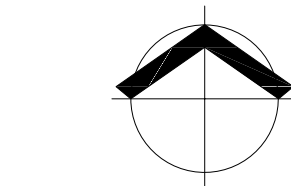
ADD 2500.00' TO ELEVATIONS SHOWN HEREON TO ADJUST THEM TO THE ASSOCIATED DATUM.

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

FLOOD ZONE

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 XXXXXXXXXXXX E. CLARK COUNTY, NEVADA DATED MONTH XX, XXXXXX.

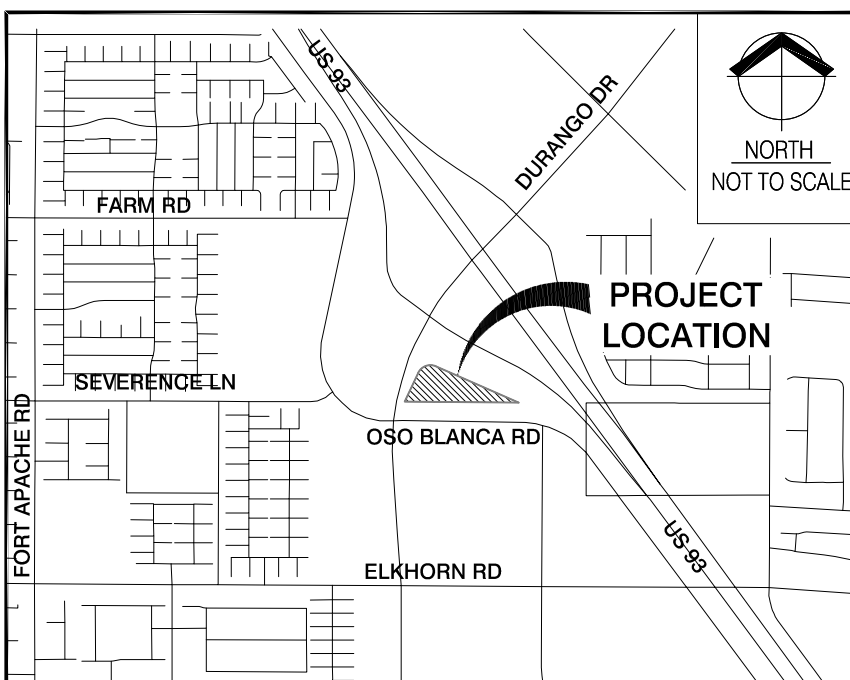
THIS SITE IS LOCATED IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL XXXXXXXXXX E. CLARK COUNTY, NEVADA DATED MONTH XX, XXXXXX.



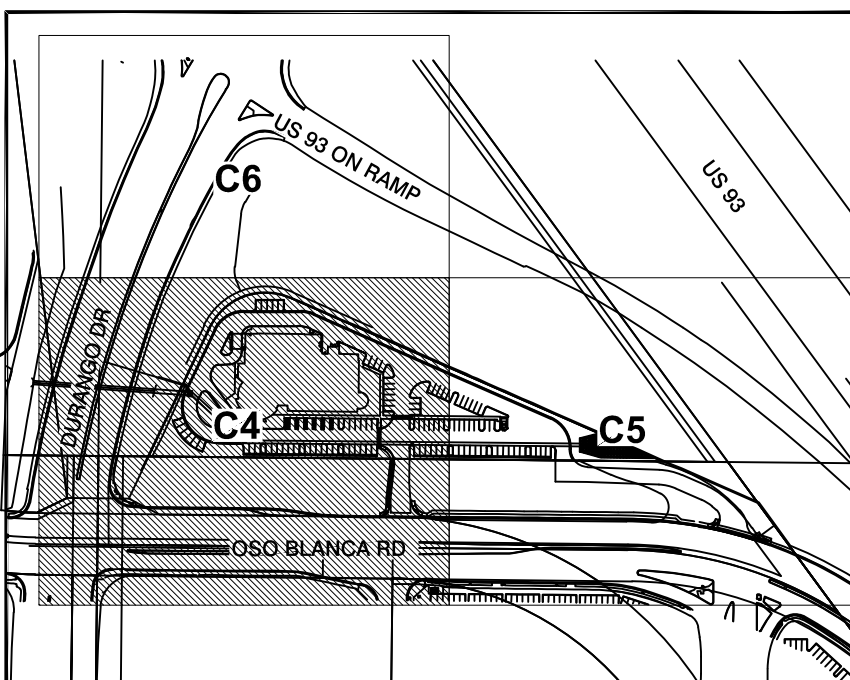
SCALE: 1" = 30'

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 J. RIETZ, P.E. No. 16350



VICINITY MAP



KEY MAP

- 1 CONSTRUCT "1" CURB AND GUTTER PER CCAUSD #216
- 2 TURN OUT "1" 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 DORIES 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"-D50 LANDSCAPE ROCK, 6" THICK, BMP 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 6"x3" 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 TYPE III 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" D50 RIPRAP 24" THICK OVER GEOTEXTILE FILTER FABRIC, OVER 6" TYPE II AGGREGATE BASE CONNECTED TO 95%
- 24 REMOVE EXISTING HEADWALL, CONNECT TO EXISTING RCBC
- 25 REMOVE EXISTING END SECTION AND CONNECT TO EXISTING PIPE
- 26 CONCRETE CUT-OFF WALL SEE DETAIL "D" SHEET C7
- 27 INSTALL TRUNCATED DORIES PER CCAUSD #235
- 28 INSTALL SIDEWALK DRAIN PER CCAUSD #236

EXISTING

$\frac{00.00}{TC}$	TOP BACK CURB	$\frac{00.00}{TC}$	TOP BACK CURB
$\frac{00.00}{EG}$	EXISTING GROUND	$\frac{00.00}{FG}$	FINISH GRADE
$\frac{00.00}{EP}$	EDGE OF PAVEMENT	$\frac{00.00}{EP}$	EDGE OF PAVEMENT
$\frac{00.00}{FL}$	FLOW LINE	$\frac{00.00}{FL}$	FLOW LINE
$\frac{00.00}{AC}$	ASPHALT CONCRETE	$\frac{00.00}{AC}$	ASPHALT CONCRETE
$\frac{00.00}{TRW}$	TOP OF RET. WALL	$\frac{00.00}{TRW}$	TOP OF RET. WALL
$\frac{00.00}{TF}$	TOP OF FOOTER	$\frac{00.00}{TF}$	TOP OF FOOTER
		$\frac{00.00}{HP}$	HIGH POINT
		$\frac{00.00}{GB}$	GRADE BREAK

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

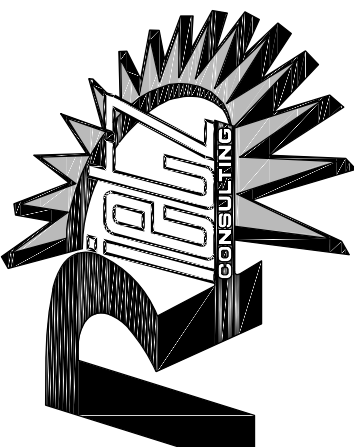
DRAINAGE CERTIFICATION

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

ERIC J. RIETZ, P.E. No. 16350

RIETZ
CONSULTING INC.

E. POST ROAD, #110
VEGAS, NEVADA 89120
PH: 702.521.3355
FX: 702.891.5397



GRADING PLAN 1

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

DATE: 6/28/2017

DRAFTER:	BGF
CHECKED:	EJR

 $1''=30'$

SCALE:

2017

SHEET

C4
2 OF 9

SETS