

TOPOGRAPHIC SYMBOLS AND LINETYPES

	PROPERTY BOUNDARY
	RIGHT-OF-WAY
	PROPERTY LINE
	CENTER LINE
	EASEMENT
	EXST "L" TYPE CURB
	EXST "A" TYPE CURB
	EXST MAJOR CONTOUR LINE
	EXST MINOR CONTOUR LINE
	EXST SCREEN WALL AS INDICATED
	EXST EDGE OF PAVEMENT
	EXST EDGE OF SIDEWALK
	EXST UNDERGROUND POWER
	EXST FIBER OPTICS
	EXST GAS
	EXST WATER LINE
	EXST SEWER LINE
	EXST STORM DRAIN

	EXISTING		PROPOSED
	METER		FIRE HYDRANT
	VALVE		BLOWOFF VALVE
	AIR RELEASE VALVE		BACKFLOW PREVENTER
	SEWER CLEANOUT		STORM MANHOLE
	TELEPHONE BOX		TELEPHONE MANHOLE
	FIBER BOX		CABLE TV BOX
	ELECTRICAL MANHOLE		STREET LIGHT BOX
	POWER POLE		SERVICE POLE
	GUY WIRE		TRANSFORMER
	STREET LIGHT CABINET		STREET LIGHT
	TRAFFIC SIGNAL		TRAFFIC SIGNAL BOX
	AREA LIGHT		"L" TYPE CURB
	"A" TYPE CURB		EDGE OF SIDEWALK
	CHAIN LINK FENCE		WROUGHT IRON FENCE
	SWALE FLOW LINE		SAWCUT

LEGEND

EXISTING	PROPOSED

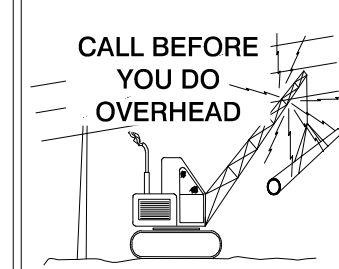
NOTES

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

DISCLAIMER NOTE:

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.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.



Call before you Dig



Call before you Dig



1-702-432-5300

FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

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

BENCHMARK

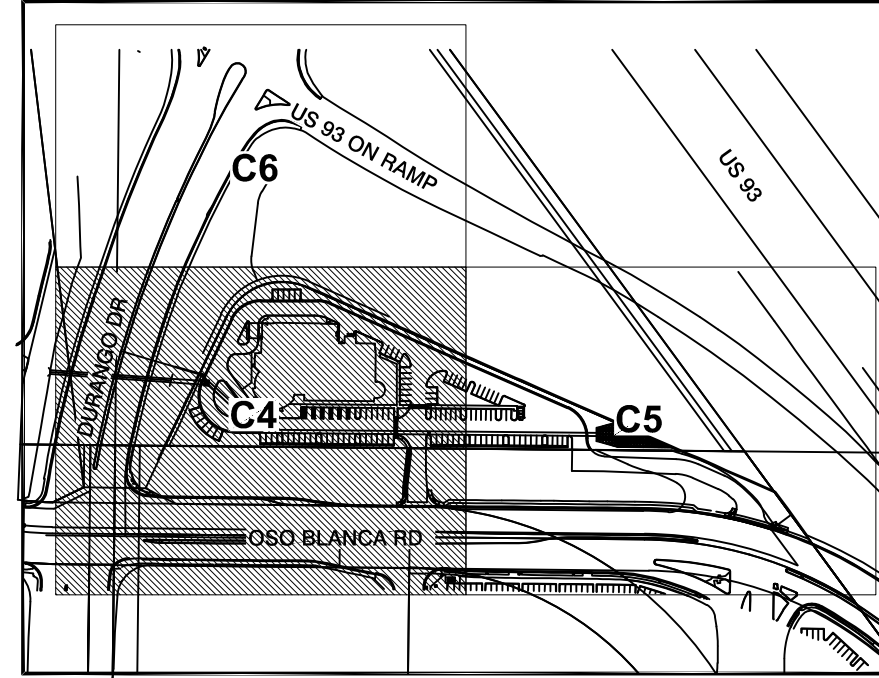
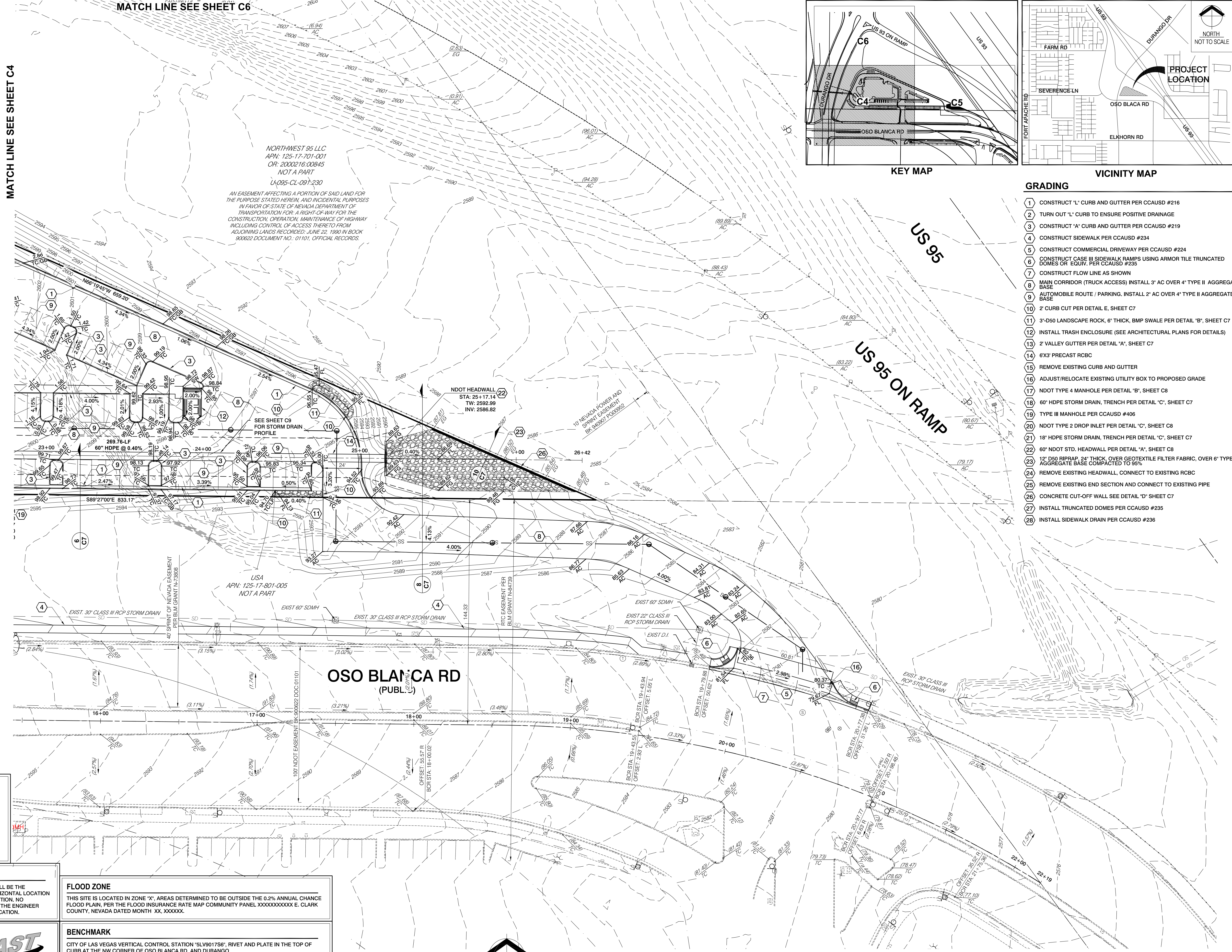
CITY OF LAS VEGAS VERTICAL CONTROL STATION "SLV801756", RIVET AND PLATE IN THE TOP OF CURB AT THE NW CORNER OF OSO BLANCA RD. AND DURANGO.

BASIS OF BEARING

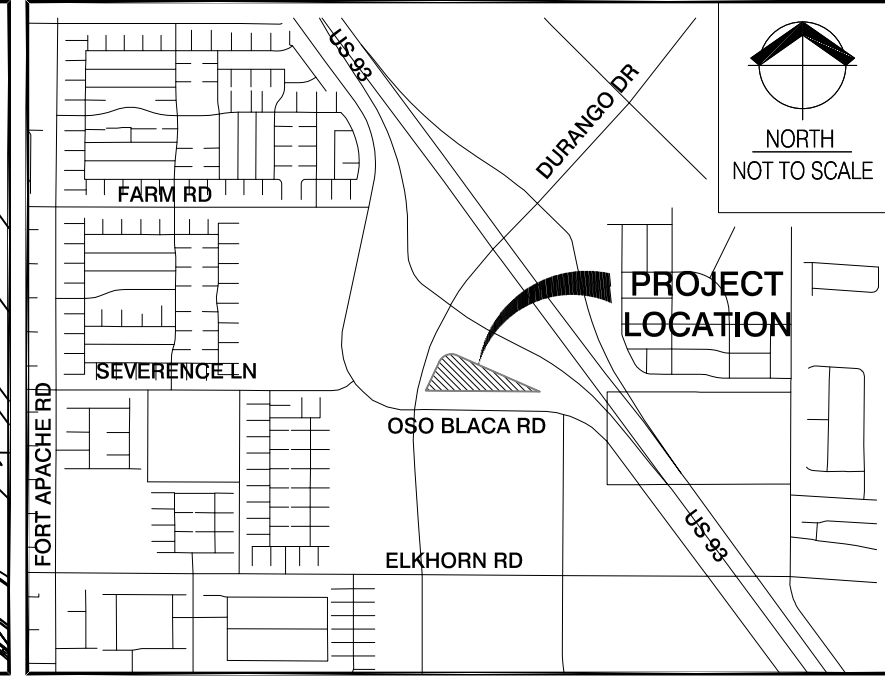
SOUTH 89°20'04" EAST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN FILE 187, PAGE 99 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

MATCH LINE SEE SHEET C6

MATCH LINE SEE SHEET C4



KEY MAP



VICINITY MAP

GRADING

- CONSTRUCT "L" CURB AND GUTTER PER CCAUSD #216
- TURN OUT "L" CURB TO ENSURE POSITIVE DRAINAGE
- CONSTRUCT "A" CURB AND GUTTER PER CCAUSD #219
- CONSTRUCT SIDEWALK PER CCAUSD #234
- CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD #224
- CONSTRUCT CASE III SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIV. PER CCAUSD #235
- CONSTRUCT FLOW LINE AS SHOWN
- MAIN CORRIDOR (TRUCK ACCESS) INSTALL 3' AC OVER 4" TYPE II AGGREGATE BASE
- AUTOMOBILE ROUTE / PARKING. INSTALL 2' AC OVER 4" TYPE II AGGREGATE BASE
- 2' CURB CUT PER DETAIL E, SHEET C7
- 3'-0" LANDSCAPE ROCK, 6" THICK, BMP SWALE PER DETAIL "B", SHEET C7
- INSTALL TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
- 2' VALLEY GUTTER PER DETAIL "A", SHEET C7
- 6X3' PRECAST RCBC
- REMOVE EXISTING CURB AND GUTTER
- ADJUST/RELOCATE EXISTING UTILITY BOX TO PROPOSED GRADE
- NDOT TYPE 4 MANHOLE PER DETAIL "B", SHEET C8
- 60" HDPE STORM DRAIN, TRENCH PER DETAIL "C", SHEET C7
- TYPE III MANHOLE PER CCAUSD #406
- NDOT TYPE 2 DROP INLET PER DETAIL "C", SHEET C8
- 18" HDPE STORM DRAIN, TRENCH PER DETAIL "C", SHEET C7
- 60" NDOT STD. HEADWALL PER DETAIL "A", SHEET C8
- 12" D50 RIPRAP, 24" THICK, OVER GEOTEXTILE FILTER FABRIC, OVER 6" TYPE II AGGREGATE BASE COMPACTED TO 95%
- REMOVE EXISTING HEADWALL, CONNECT TO EXISTING RCBC
- REMOVE EXISTING END SECTION AND CONNECT TO EXISTING PIPE
- CONCRETE CUT-OFF WALL SEE DETAIL "D" SHEET C7
- INSTALL TRUNCATED DOMES PER CCAUSD #235
- INSTALL SIDEWALK DRAIN PER CCAUSD #236

SITE DATA

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

DATUM

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.

EARTHWORKS

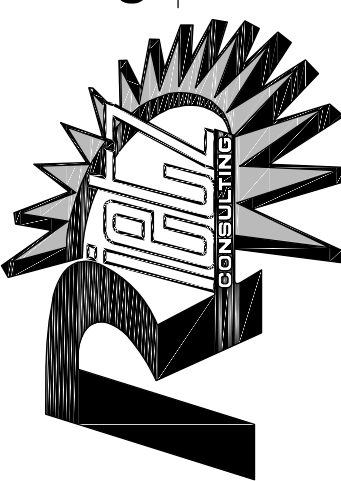
CUT = 1,021 CY
FILL = 27,506 CY
NET = 26,485 CY CUT

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 6/28/2017 DATE

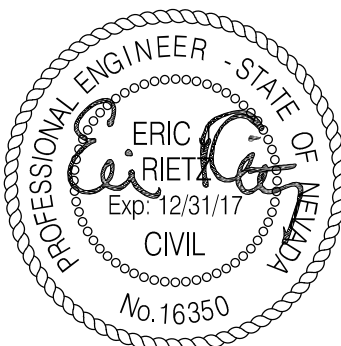
RIETZ CONSULTING INC.



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

GRADING PLAN 2

DATE:	6/28/2017
DRAWN:	BGF
CHECKED:	EJR
SCALE:	1" = 30'



SHEET C5
3 OF 9 SHEETS

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