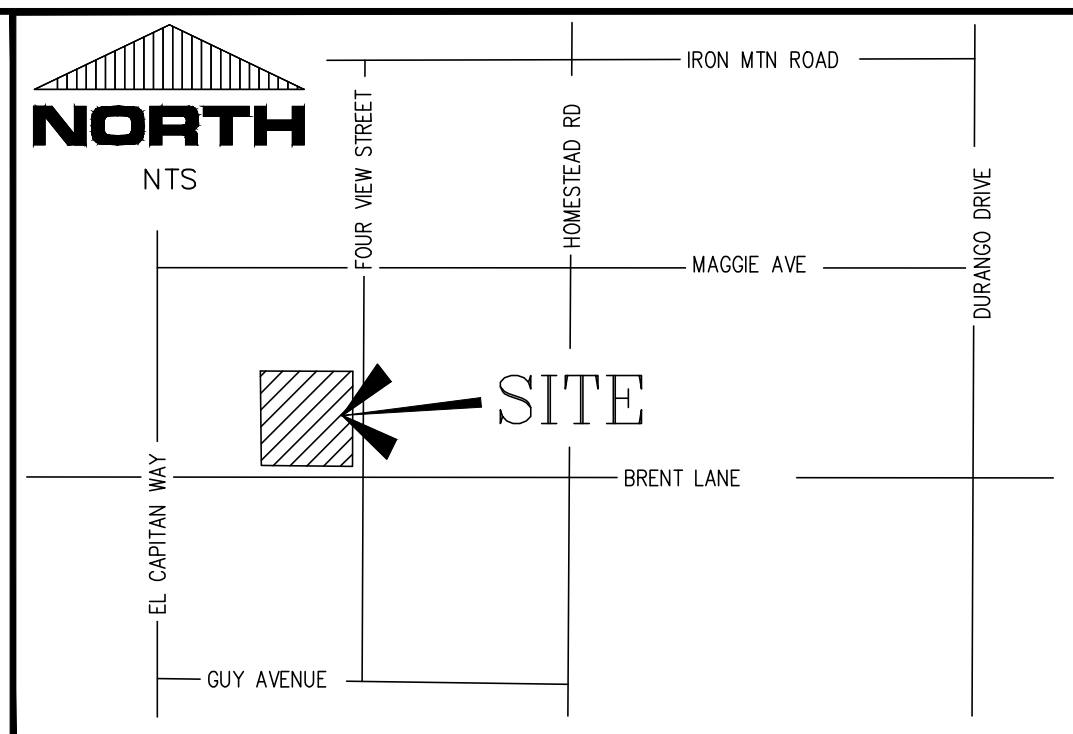
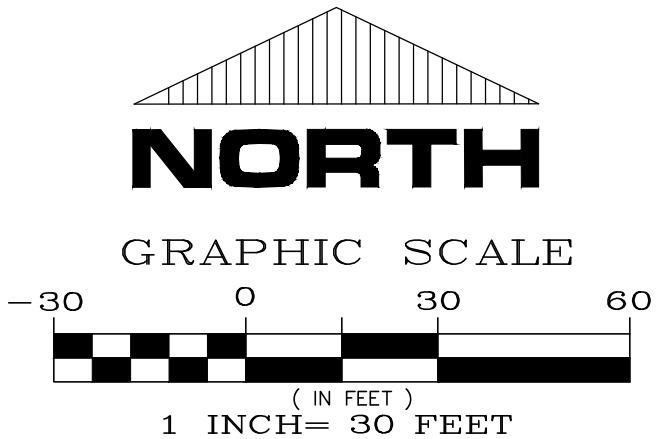


LAND DISTURBANCE AREA		EARTHWORK VOLUME*	
ONSITE	89,734 SF = 2.06 AC	CUT	2478 CY
OFFSITE	0 SF = 0.00 AC	FILL	969 CY
		NET EARTHWORK = CUT 1509 CY	
		TOTAL EARTHWORK = 3447 CY	

*EARTHWORK VOLUMES ARE ESTIMATES ONLY AND ARE BASED ON SUBGRADE ASSUMED AT ONE (1) FOOT BELOW FINISHED FLOOR ELEVATION. NO SHRINKAGE OR BULKING IS ACCOUNTED FOR NOR AMOUNT OF UNUSABLE MATERIALS ENCOUNTERED ON-SITE. CONTRACTOR SHALL VERIFY QUANTITIES AND BASE BIDS ON CONTRACTOR'S OWN ESTIMATE. ENGINEER SHALL NOT BE LIABLE FOR VARIANCES IN THE EXPECTED QUANTITIES.



VICINITY MAP



LEGEND			
	EXISTING	PROPOSED	
DESIGN ELEVATION	(10.00)	10.00	FLOWLINE
FUTURE ELEVATION	[10.00]	[10.00]	PROPERTY LINE
SWZ PER CCAUSD 201.2	[Symbol]	[Symbol]	NDS AREA DRAIN
CONTOUR (1' INTERVAL)	[Symbol]	[Symbol]	EDGE OF PAVEMENT
CONTOUR (5' INTERVAL)	[Symbol]	[Symbol]	GATE VALVE
DIRECTION OF FLOW	[Symbol]	[Symbol]	FIRE HYDRANT
CMU WALL	[Symbol]	[Symbol]	SEWER LINE W/MANHOLE
CENTERLINE	[Symbol]	[Symbol]	SEWER LATERAL
RIGHT-OF-WAY	[Symbol]	[Symbol]	SLOPE, VALUE AND DIRECTION
PUBLIC ACCESS EASEMENT (PAE)	[Symbol]	[Symbol]	WATER LINE
DAYLIGHT OR CUT/FILL LINE	[Symbol]	[Symbol]	WATER LATERAL W/METER
4" PERFORATED PIPE	[Symbol]	[Symbol]	TRAFFIC SIGN
			STOP SIGN W/STREET NAME SIGN

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BC	BACK OF CURB
BVC	BEGINNING OF VERTICAL CURVE
BW	BOTTOM OF WALL
CL	CENTERLINE
DE	DRAINAGE EASEMENT
DL	DRIVEWAY
DW OR D/W	EDGE OF PAVEMENT
EP	FACE OF WALL
E.A.	EXPOSED AGGREGATE SURFACE
EX	EXISTING
FF	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FH	FIRE HYDRANT
FP	SUNKEN FIRE PIT
FL	FLOW LINE
FLHP	FINISH GRADE
G.B.	GRADE BREAK
GE	TOP OF GRADE ELEVATION
GF	GARAGE FINISH FLOOR
GR	GRAVEL
HP	HIGH POINT
INV	INVERT ELEVATION
L.A.	LANDSCAPING AREA
LF	LINEAR FEET
MH	MANHOLE
MIN	MINIMUM
NDS	NYOPLAST DRAINAGE SYSTEM
NTS	NOT TO SCALE
PAE	PAE ELEVATION
PL	PROPERTY LINE
PL	PERFORATED PIPE
PVC	POLYVINYL CHLORIDE
RET	RETAINING
ROW	RIGHT-OF-WAY
SS	SANITARY SEWER
SL	STREETLIGHT
SD	STORM DRAIN
SW	SIDEWALK
TC	TOP OF CURB
TFW	TOP OF FOOTING/FG
TRW	TOP OF RETAINING
USD	UNIFORM STANDARD DRAWING
W	WATER
WM	WATER METER

LEGAL DESCRIPTION

THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 8, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., IN THE COUNTY OF CLARK, STATE OF NEVADA

(APN 125-08-504-004)

BENCH MARK

CITY OF LAS VEGAS RIVET AND ROUND PLATE IN TOP OF CURB, NORTHWEST CORNER OF OSO BLANCA RD. AND TEE PEE LN. NEAR THE PC OF OSO BLANCA RD.

823.896M = 2702.37 FEET NAVD88v.2018

BASIS OF BEARING

N 00°11'58"E BEING THE EAST LINE OF THE SE 1/4, OF THE SW 1/4, OF THE NW 1/4, OF THE NE 1/4 OF SECTION 8, TOWNSHIP 19 SOUTH, RANGE 60 East, M.D.M., CLARK COUNTY, NEVADA

DRAINAGE CERTIFICATION

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, PW# 23-16326, ON FILE WITH CLARK COUNTY FOR THIS PROJECT.

Timoteo S. Moreno
TIMOTEO S. MORENO, P.E. 12/20/2023 DATE

SWPPP STANDARD NOTES

1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN CLARK COUNTY TIE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SITE STABILIZATION REQUIREMENTS, SCHEDULES, AND DEADLINES.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, INSPECTIONS SECTION.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.
6. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL RESPOND TO STORMWATER INSPECTION CORRECTIVE ACTIONS IN THE MANNER PRESCRIBED BY CLARK COUNTY, INCLUDING BUT NOT LIMITED TO PROVIDING PHOTOS AND DESCRIPTIONS OF THE CORRECTIONS COMPLETED BY THE CONTRACTOR OR HIS AGENT.

FLOODZONE NOTE

THE SUBJECT PROPERTY IS WITHIN ZONE "X" WHICH IS AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANGE FLOODPLAIN PER FIRM PANEL 32003C 1735E, DATED SEPTEMBER 27, 2002.

GEOTECHNICAL NOTE

SITE GRADING MUST FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND UPDATE:
 GEOTECHNICAL REPORT PREPARED BY: GEOTEK PROJECT NO: 16512-LVR DATED: OCTOBER 26, 2021
 UPDATE LETTER: PREPARED BY: GEOTEK RESIDENTIAL, LLC PROJECT NO: 16512.1-LVR DATED: APRIL 3, 2023

DISCLAIMER NOTE
 UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

BUILDING PERMITS

STRUCTURE	PERMIT NO.
HOUSE (MAIN STRUCTURE) AND WALLS	BD23-11401
AGRICULTURAL ACCESS BLDG	BD23-_____

Call before you Dig
 1-800-642-2444
 Call before you Dig
 1-702-227-2929

REVISIONS

NO.	DATE	DESCRIPTION

A S G, LLC
 8722 BRENT LANE
 LAS VEGAS, NV 89143
 CONTACT: SEAN GILBERT
 SEAN@VTCONSTRUCTION.ORG
 702-379-5888

TIM S. MORENO, P.E.
 PROFESSIONAL ENGINEER
 CONSULTANT
 12273 TERRACE VERDE AVENUE
 LAS VEGAS, NV 89136
 PH: (702) 682-704
 tim@morenopec.com

GRADING PLAN FOR APN 125-08-504-004
 A S G, LLC GRADING IMPROVEMENTS
 APN 125-08-504-004
 8722 BRENT LANE
 CLARK COUNTY, NEVADA

PROJECT NO: 20-004

12/20/2023

SHEET ID C2
 2 OF 3 SHEETS

PW# 23- / BD# 23-11401 / BD#23-

