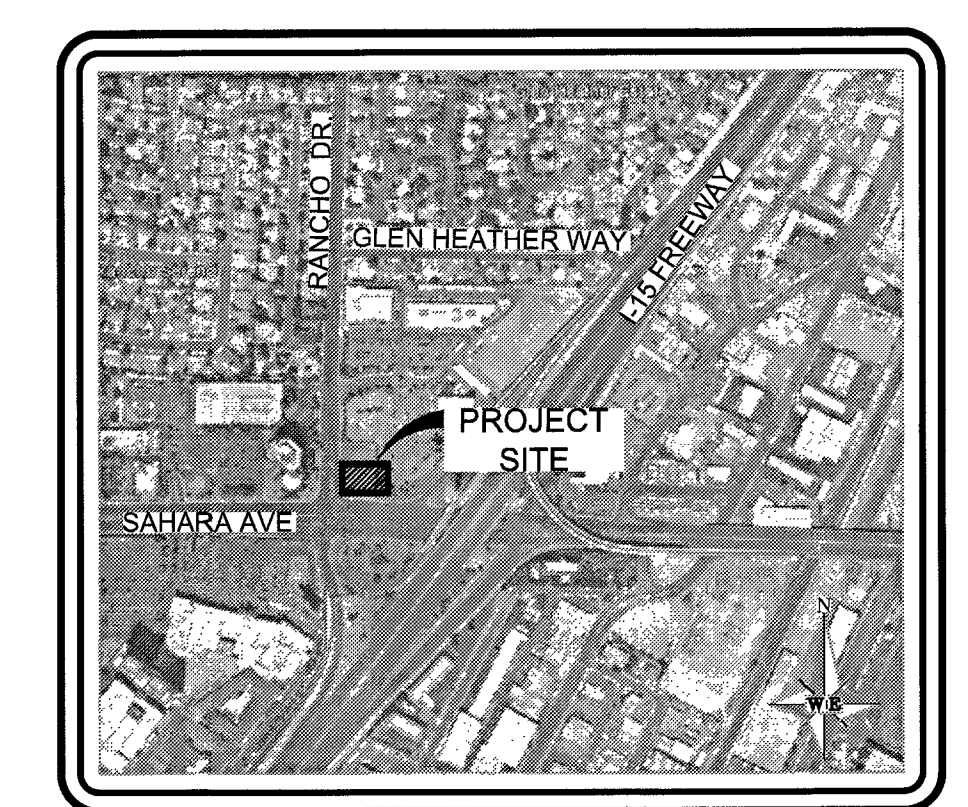
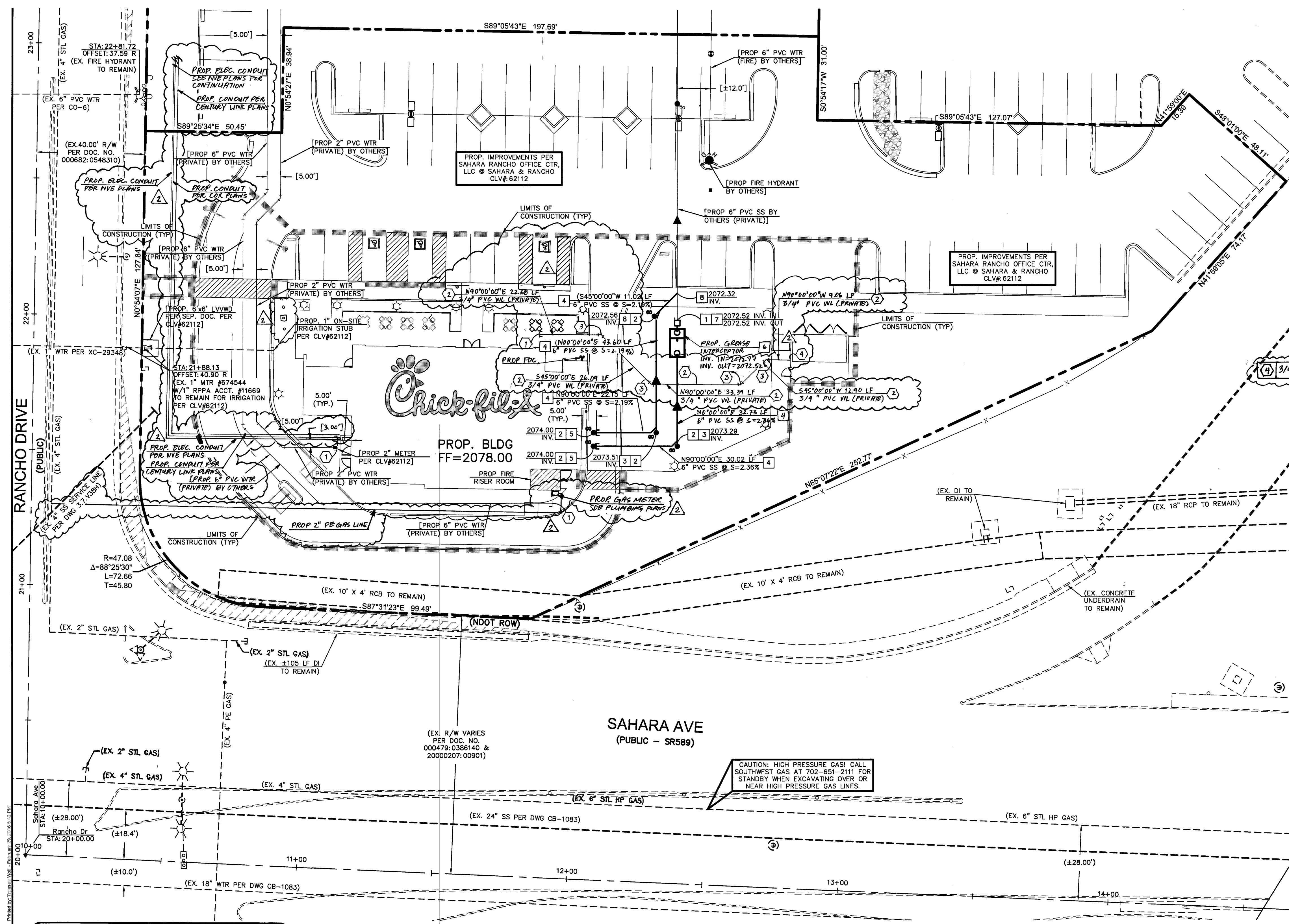




VICINITY MAP
N.T.S.

WATER CONSTRUCTION NOTES	
NO	ITEM
1	EX. STUB & CAP - SEE PLUMBING PLANS FOR CONTINUATION
2	INSTALL 3/4" SCH. 80 PVC WATER LINE (PRIVATE)
3	INSTALL 45" DIA. SAME SIZE AS LINE PER UDACS PLATE B1
4	3/4" HOSE BID PER PLUMBING PLANS

SEWER CONSTRUCTION NOTES	
NO	ITEM
1	REMOVE CAP AND CONNECT TO EXISTING 6" SEWER
2	INSTALL 6" CLEAN OUT PER SD-26 SEE DETAIL 31, SHEET C-9
3	INSTALL WYE & 45° BEND PER SD-22 SEE DETAIL 34, SHEET C-9
4	INSTALL 6" PVC SDR-35 SEWER LATERAL PER SD-22 SEE DETAIL 34, SHEET C-9
5	STUB AND CAP - SEE PLUMBING PLANS FOR CONTINUATION
6	INSTALL 1200 GAL. GREASE INTERCEPTOR - JENSEN MODEL JP1200EE-G OR EQUIVALENT SEE DETAIL 35, SHEET C-9
7	INSTALL SAMPLE BOX WITH PIPE-CONNECTION - JENSEN MODEL 2432-Z OR EQUIVALENT SEE DETAIL 36, SHEET C-9
8	INSTALL WYE PER SD-22 SEE DETAIL 34, SHEET C-9

COMMERCIAL SUBDIVISION SEWER NOTE:
THE ON-SITE SEWER SYSTEM IS A COMMON ELEMENT OF THE COMMERCIAL SUBDIVISION WHICH IS PRIVATELY OWNED AND WHICH IS MAINTAINED IN ACCORDANCE WITH COVENANTS, CONDITIONS AND RESTRICTIONS THAT GOVERN THE SUBDIVISION.

STATIC PRESSURE NOTE:
THIS PROPERTY MAY HAVE STATIC PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

CITY OF LAS VEGAS FIRE DEPARTMENT	
FIRE FLOW REQUIREMENT IS 1,500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:	
REQ'D FIRE FLOW*	1,500
SQUARE FOOTAGE **	4,620
LARGEST AREA BETWEEN AREA SEPARATION WALLS	N/A
HEIGHT	22'-0"
TYPE OF CONSTRUCTION	V-N
NO. OF STORIES	1
SPRINKLER SYSTEM	YES
OCCUPANCY CLASSIFICATION	B
HIGH PILED STORAGE	NO

* BASED ON 50% REDUCTION FOR FIRE SPRINKLERS
** BASED ON MAXIMUM SQUARE FOOTAGE POSSIBLE

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 124207 DATE: 3/2/16
APPROVED FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVAL
BY: [Signature] DATE: 3/2/16
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.
FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL

CLV DRAWING NO. 107V6579 H#62229

LEGAL DESCRIPTION:
SEE SHEET C1 FOR FULL LEGAL DESCRIPTION

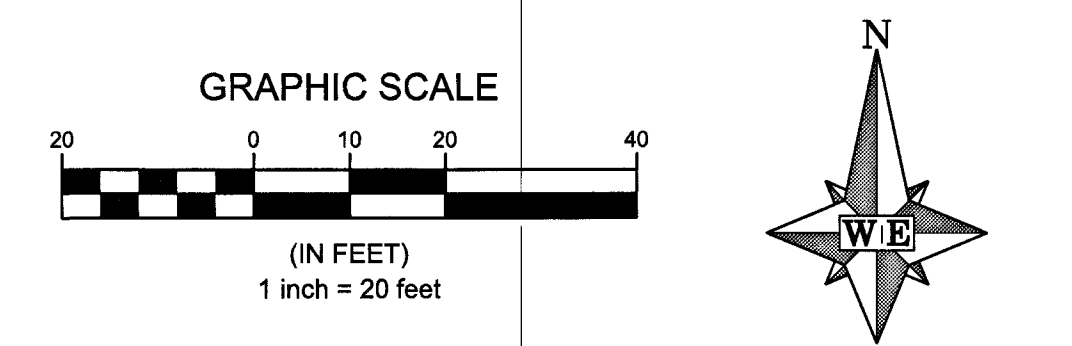
BENCHMARK:
CITY OF LAS VEGAS BENCHMARK:
11V11 SSES, A RIVET AND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF SAHARA AND RANCHO = 632.900 m = 2076.44 ft.
BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

BASIS OF BEARING:
SOUTH 87°31'34" EAST, BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP RECORDED IN FILE 121 OF PLATS, PAGE 100 IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA.

CALL BEFORE YOU DIG
1-702-227-2929

FAST
Call before you dig
Underground
1-702-432-5300

Call before you dig
1-800-227-2600



LVVWD NOTE:
PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
ESN. 078 01/05/15

EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE
TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

LEGEND	
	PROPERTY LINE
	STREET CENTERLINE
	PROPOSED SEWER MAIN
	PROPOSED SEWER LATERAL
	EXISTING SEWER MAIN
	PROPOSED WATER LINE
	PROPOSED WATER LINE (FIRE)
	EXISTING WATER LINE
	EXISTING OVER HEAD POWER
	PROPOSED RETAINING WALL
	PROPOSED BUILDING
	EASEMENT LINE
	PROPOSED CURB & GUTTER
	PROPOSED CURB
	PROPOSED EDGE OF PAVEMENT
	EXISTING CURB & GUTTER
	EXISTING CURB
	EXISTING BUILDING
	CONSTRUCTION LIMITS BY OTHERS

	WATER CONSTRUCTION NOTE
	SEWER CONSTRUCTION NOTE
	PROPOSED SEWER MANHOLE
	EXISTING SEWER MANHOLE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED GATE VALVE
	EXISTING GATE VALVE
	PROPOSED REDUCER
	PROPOSED FDC
	FINISHED FLOOR
	INVERT
	WATER
	SANITARY SEWER
	LINEAR FEET

GENERAL UTILITY NOTES:
1. EXISTING UTILITY LOCATIONS SHOWN HEREIN 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER.
2. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY ON ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
3. ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.
4. ALL SEWER LENGTHS SHOWN ARE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
5. ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
6. SEE H1 SHEET FOR FIRE LANE LOCATION.
7. SEE ARCHITECTURAL PLANS FOR ALL CONNECTION DETAILS AT THE BUILDING.
8. SEE LANDSCAPE PLANS BY OTHERS FOR ALL IRRIGATION AND LANDSCAPING INFORMATION.
9. SEE SHEET C2 FOR QUANTITIES.
10. ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.06 AND 19.08.

5200 Buffington Rd.
Atlanta Georgia
30349-2998

Revisions:
Mark Date Ey
6/30/16
CLIENT REV

10/24/16 2m

Mark Date Ey
6/30/16

Seal [Signature]
PROFESSIONAL ENGINEER
TREAUSA WOLF
CIVIL
DP-3838-15
No. 17879

WIE
Walker Engineering, Inc.
5765 S. RAINBOW BLVD.
SUITE 101
LAS VEGAS, NV 89181
TEL: 702.873.5197
FAX: 702.873.5346

STORE
SAHARA @ I-15

NEC SAHARA @ S. RANCHO DR
LAS VEGAS, NV

SHEET TITLE
UTILITY PLAN

VERSION: FIN L
ISSUE DATE:

Job No. : 14-05
Store : 03729
Date : 02/29/16
Drawn By : R2
Checked By : T2
Sheet

C-10
10 OF 10 SHEETS