

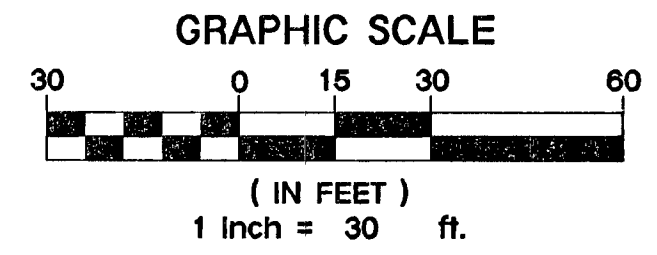
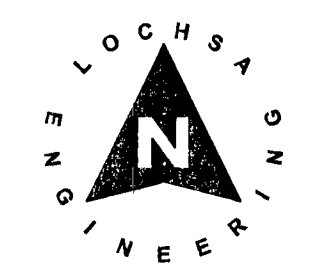
ALL LOTS / LOT: 162-06-111-001

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 LVWD FACILITIES.

**NDOT OCCUPANCY PERMIT REQUIREMENTS**

PLANS FOR THE PROJECT SHOW PROPOSED WORK WITHIN EXISTING NDOT RIGHT-OF-WAY. DRAWING MUST BE SUBMITTED TO NDOT FOR REVIEW PRIOR TO SUBMITTAL OF MYLARS TO LVWD FOR APPROVAL. THE LAS VEGAS VALLEY WATER DISTRICT (LVWD) WILL SUBMIT APPLICATION FOR ENCROACHMENT PERMIT AFTER PLAN APPROVAL. NDOT REQUIRES THAT THE FOLLOWING INFORMATION BE INCLUDED ON THE PLANS:

- STREET NAME (NDOT RIGHT-OF-WAY IDENTIFIED AS SR140, ETC.)
  - NDOT RIGHT-OF-WAY BOUNDARY IDENTIFIED AND CLEARLY STATED
  - NDOT TRENCH DETAIL OR BORE DETAIL
  - MAJOR CROSS STREETS
  - NDOT STATIONING
  - UNDERLYING FEE OWNERSHIP OF PARCEL
  - DISTANCE FROM WORK LOCATION TO MAJOR CROSS STREET
  - DIMENSION OF TRENCH OR WORK AREA
  - IDENTIFY NDOT CENTERLINE
- \*\* ENGINEER TO COORDINATE WITH NDOT @ 702-385-6509 TO DETERMINE IF RIGHT-OF-WAY IS OWNED BY NDOT OR ONLY MAINTAINED BY NDOT. THE ENGINEER/DEVELOPER WILL PROVIDE LVWD WITH EASEMENT FOR THE RIGHT-OF-WAY FOR UNDER SURFACE INSTALLATION PRIOR TO WATER PLAN APPROVAL.



**REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA): (1) 1-1/2" RPPA**

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE No. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

**ON-SITE FIRE FLOW REQUIREMENTS:**

SEE SHEET C2.01 FOR FIRE FLOW CALCULATIONS

**WARNING FIRE LINE (NON-POTABLE WATER) ALL EXISTING, RELOCATED OR PROPOSED DCDA/RPDA INSTALLATIONS:**

TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, THE FIRE LINE, OR ANY OF ITS COMPONENTS, SHALL NOT BE USED FOR POTABLE DRINKING WATER AT ANY TIME.

**NEVADA DEPARTMENT OF TRANSPORTATION (NDOT) PERMIT REQUIRED**

AN APPROVED NDOT OCCUPANCY PERMIT SHALL BE OBTAINED THROUGH THE DISTRICT TO ANY CONSTRUCTION WITHIN THE NDOT RIGHT-OF-WAY. PLANS SHOWING WORK IN NDOT RIGHT-OF-WAY MUST SHOW NDOT STATIONING. THE DEVELOPER ASSUMES ALL LIABILITY FOR WORK CONDUCTED UNDER THE DISTRICT OBTAINED PERMIT THROUGH WARRANTY EXPIRATION.

**APPROVED FOR CONSTRUCTION**

1<sup>ST</sup> APPROVAL 4/28/14  
*L. Dishaie, P.E.*  
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE 8/18/14 PROJECT 122843  
 LVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

**NOTE:**  
 LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

**SAFETY ALERT**  
 Call Before You Dig  
 Call Before You Overhead  
 Call 811

**A.P.N.:**  
 162-06-111-001  
**BASIS OF BEARINGS:**  
 THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF GOVERNMENT LOT 4 AS SHOWN ON A SURVEY RECORDED IN FILE # PAGE 65 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA. SAID LINE BEARS: SOUTH 89° 30' 42" EAST  
**BENCHMARK:**  
 CITY OF LAS VEGAS BENCHMARK 2008 ADJUSTMENT 1LV10 (1NEES BEING A RIVET AND PLATE IN THE TOP OF CURB ON THE WEST SIDE OF DECATUR BOULEVARD APPROXIMATELY 1/4 MILE SOUTH OF CHARLESTON BOULEVARD AT DEL REY AVENUE. ELEVATION = 2213.80 (674.769 METERS)

LEGEND	CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	CONTOUR LINES	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VALLT	BACKWATER VALVES	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS
	---	---	EXISTING:	---	---	---	---	---	---	---	---	(12.34) BC	---	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
	---	---	PROPOSED:	---	---	---	---	---	---	---	---	(12.34) BC	---	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	

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**Lochsa**  
 engineering

CIVIL PLANS  
 OVERALL SITE PLAN

THE FAMILY CENTER RETAIL PAD  
 4833 WEST CHARLESTON BLVD.  
 CITY OF LAS VEGAS, NV

SHEET: PROJECT No. 131071  
 DATE: 4-2-2014  
 SCALE: 1"=30'  
 DRAWN BY: CP  
 DESIGNED BY: CP  
 CHECKED BY: TE

SEAL  
 PROFESSIONAL ENGINEER  
 CIVIL  
 No. 1188  
 State of Nevada  
 8/18/14

C2.00  
 SHEET 4 OF 6  
 107V6244