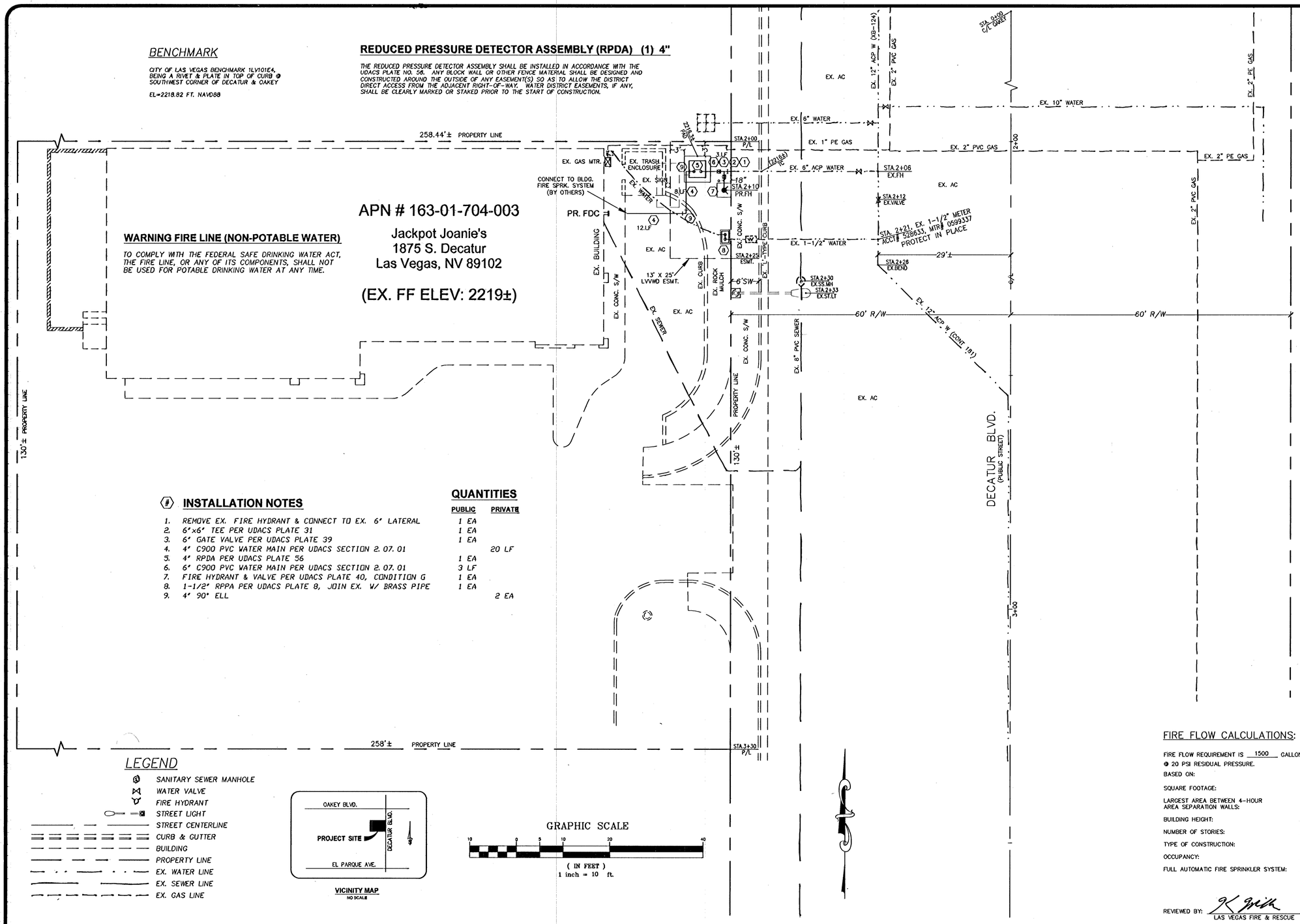
BENCHMARK

CITY OF LAS VEGAS BENCHMARK 1LV101E4, BEING A RIVET & PLATE IN TOP OF CURB @ SOUTHWEST CORNER OF DECATUR & OAKEY

EL=2218.82 FT. NAVD88

REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) (1) 4"

THE REDUCED PRESSURE DETECTOR ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 56. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF ANY EASEMENT(S) SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. WATER DISTRICT EASEMENTS, IF ANY, SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.



APN # 163-01-704-003

Jackpot Joanie's
1875 S. Decatur
Las Vegas, NV 89102

(EX. FF ELEV: 2219±)

WARNING FIRE LINE (NON-POTABLE WATER)

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.

INSTALLATION NOTES

#		QUANTITIES PUBLIC	QUANTITIES PRIVATE
1.	REMOVE EX. FIRE HYDRANT & CONNECT TO EX. 6" LATERAL	1 EA	
2.	6"x6" TEE PER UDACS PLATE 31	1 EA	
3.	6" GATE VALVE PER UDACS PLATE 39	1 EA	
4.	4" C900 PVC WATER MAIN PER UDACS SECTION 2.07.01		20 LF
5.	4" RPDA PER UDACS PLATE 56	1 EA	
6.	6" C900 PVC WATER MAIN PER UDACS SECTION 2.07.01	3 LF	
7.	FIRE HYDRANT & VALVE PER UDACS PLATE 40, CONDITION G	1 EA	
8.	1-1/2" RPPA PER UDACS PLATE 8, JOIN EX. W/ BRASS PIPE	1 EA	
9.	4" 90° ELL		2 EA

LEGEND

- SANITARY SEWER MANHOLE
- WATER VALVE
- FIRE HYDRANT
- STREET LIGHT
- STREET CENTERLINE
- CURB & GUTTER
- BUILDING
- PROPERTY LINE
- EX. WATER LINE
- EX. SEWER LINE
- EX. GAS LINE

VICINITY MAP
NO SCALE

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY

Call before you UnderGround
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7511
AND LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM
1-702-229-6611

Call before you Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY
811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

NOTE REGARDING EXIST. UTILITIES

ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

2420 PRESSURE ZONE

THIS PROPERTY MAY HAVE STATIC WATER 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.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1½" RPPA

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER UDACS PLATE NO. 8.

NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

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.

FIRE FLOW CALCULATIONS:

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE
@ 20 PSI RESIDUAL PRESSURE.
BASED ON:

SQUARE FOOTAGE:	4,800	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	4,800	SQUARE FEET
BUILDING HEIGHT:	22	FEET
NUMBER OF STORIES:	ONE	FLOOR
TYPE OF CONSTRUCTION:	V-B	
OCCUPANCY:	A-2	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	YES	

REVIEWED BY: [signature] LAS VEGAS FIRE & RESCUE DATE: 3/17/14

FIRE DEPARTMENT APPROVAL:
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD

[signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

LVVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

DATE 03/20/14 PROJECT NO. 122632

H# 53387 635-20

NO.	DESCRIPTION	DATE	APPROVAL

SCALE (H): 1" = 10'
SCALE (V): N/A
DRAWN BY: M. WARLING
DRAWN BY:

JACKPOT JOANIE'S
1875 S. DECATUR BLVD.
FIRE LINE PLAN

CITY OF LAS VEGAS

NEVADA

STATE OF NEVADA PROFESSIONAL ENGINEER MARK L. WARLING Exp. 12/31/14 CIVIL No. 9658
3-17-14

WARLING ENGINEERING
Mark Warling, Civil Engineer
9901 W. SAHARA AVENUE, # 105-L8
LAS VEGAS, NEVADA 89117
PH 702-WARLING (927-5464)
FAX: 269-MARK , EMAIL: CIVIL@COX.NET

DWG:
DATE: MAR. 17, 2014

PROJECT NUMBER
CLV # 255296

SHEET C2 OF 3