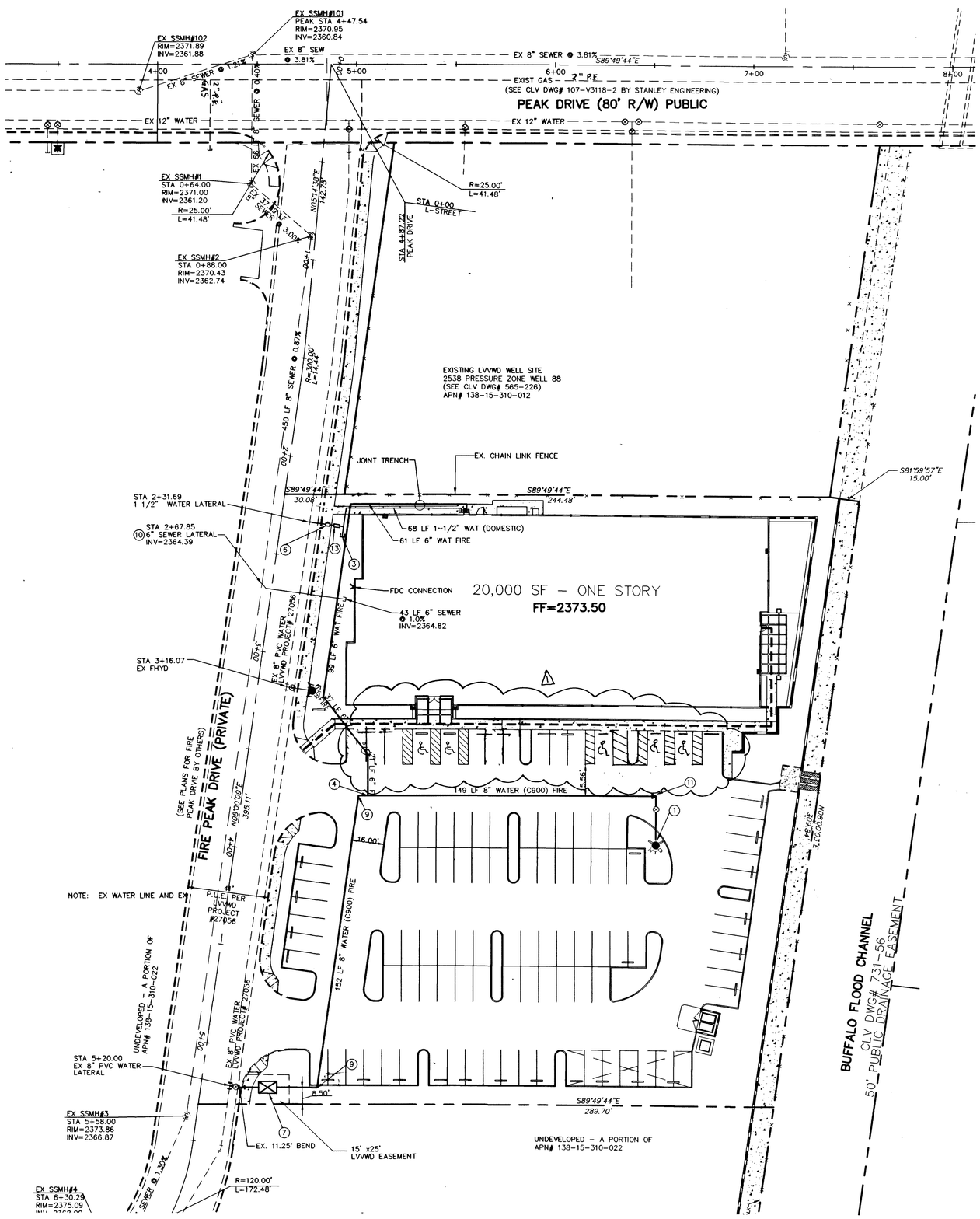


44795, 48777
Kamal Martin

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1~1/2" RPPA

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE No. 11A. 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.

CLV FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 1875 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

LARGEST SQUARE FOOTAGE: (4 CONNECTED BLDGS)	20,000 SF (TOTAL)
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: (NO AREA SEPARATION WALLS)	20,000 SF
TYPE OF CONSTRUCTION:	TYPE V-N
OCCUPANCY:	COMMERCIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	YES

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVED

9/16/02
DATE

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: 1875 GPM AT 20 P.S.I. RESIDUAL.

LAS VEGAS VALLEY WATER DISTRICT APPROVAL DATE

SEWER CONTRIBUTION

DAILY AVERAGE FLOW 0.0056 MGD

PEAK FLOW 0.0167 MGD

INSTALLATION OF DOUBLE CHECK DETECTOR ASSEMBLY (1) 8" DCDA

THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE 20B. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS 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.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

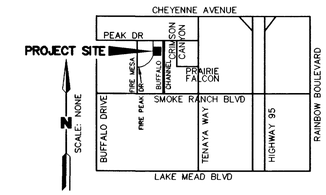
N

PROJECT NAME: Wright world Headquarters - Pg U-1
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is

NOT APPROVED FOR CONSTRUCTION

at this time and this signature does not provide or imply a water commitment.

LVVWD #52 9/16/02
DATE



VICINITY MAP

LEGEND

- RIGHT OF WAY
- PROPERTY LINE
- STREET CENTER LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING EDGE OF A.C. PAVEMENT
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- PROPOSED SEWER CLEAN OUT
- PROPOSED SEWER MANHOLE
- EXISTING SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- FUTURE SEWER LINE - PHASE 2
- 6" SEWER LATERAL W/ WYE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- PROPOSED ON-SITE STREET LIGHT
- CONSTRUCTION NOTE
- WATER OR SEWER CAP
- RED PAINTED CURB WITH "FIRE LANE -- NO PARKING" LETTERING
- HANDICAP ACCESS ROUTE

CONSTRUCTION NOTES

1. CONSTRUCTION NOTE NOT USED
2. CONSTRUCTION NOTE NOT USED
3. INSTALL 1~1/2" IRRIGATION LATERAL WITH 1~1/2" ANTI-SIPHON VALVE.
4. INSTALL 8"X8"X6" TEE PER UDACS PLATE #5
5. CONSTRUCTION NOTE NOT USED
6. INSTALL 1~1/2" WATER METER PER UDACS PLATE #1D
7. INSTALL 8" DCDA PER UDACS PLATE #20B
8. CONSTRUCTION NOTE NOT USED
9. INSTALL 8" 90° ELBOW PER UDACS PLATE #5
10. INSTALL 45° WYE; LATERAL TO BE 0.67' ABOVE THRU INVERT.
11. INSTALL 6"X8" REDUCER PER UDACS PLATE #5
12. CONSTRUCTION NOTE NOT USED
13. INSTALL 1 1/2" RPPA PER UDACS PLATE #11A
14. LVVWD 6' X 6' UTILITY EASEMENT

* AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
Call before you OVERHEAD
1-702-593-6111
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

* SEE "TRAFFIC AND ELECTRICAL NOTES" SHEET C-1, ITEM 10 "CLARK COUNTY IS NOT A MEMBER OF CALL BEFORE YOU DIG."

DISCLAIMER NOTE

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 UNDER-GROUND 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. CALL BEFORE YOU DIG: 1-800-227-2600.

REV	DATE	BY	REVISION
1	1-17-03	MJP	SITE PLAN PARKING LAYOUT (W FRONT PLANTER)

THOMAS & MACK GROUP
7181 AMIGO STREET, SUITE 100
LAS VEGAS, NEVADA 89119
(702) 260-1008 FAX (702) 896-7077

WRIGHT CIVIL ENGINEERS, INC
7310 SMOKE RANCH ROAD, SUITE P
LAS VEGAS, NEVADA 89128
TEL (702) 233-6400 FAX (702) 233-1164
CIVIL STRUCTURAL LAND SURVEYING

WRIGHT ENGINEERS

TITLE: WRIGHT WORLD HEADQUARTERS AT THE LAS VEGAS TECH CENTER II

SHEET: UTILITY PLAN

DRAWN BY: SFC	5-15-02	DESIGNED BY: SFC	05-15-02
CHECKED BY: SFC	08-09-02	SCALE: 1"=30'	
PROJECT NO: CN2215501			

EYP 01-01-03
EXP 01-01-03
PROFESSIONAL ENGINEER
STEPHEN F. CHYVOSERATS
CIVIL
No. 13689
STATE OF NEVADA
07-11-02

SHEET U1
7 OF 7 SHEETS

DRAWING NO. 107-V3620