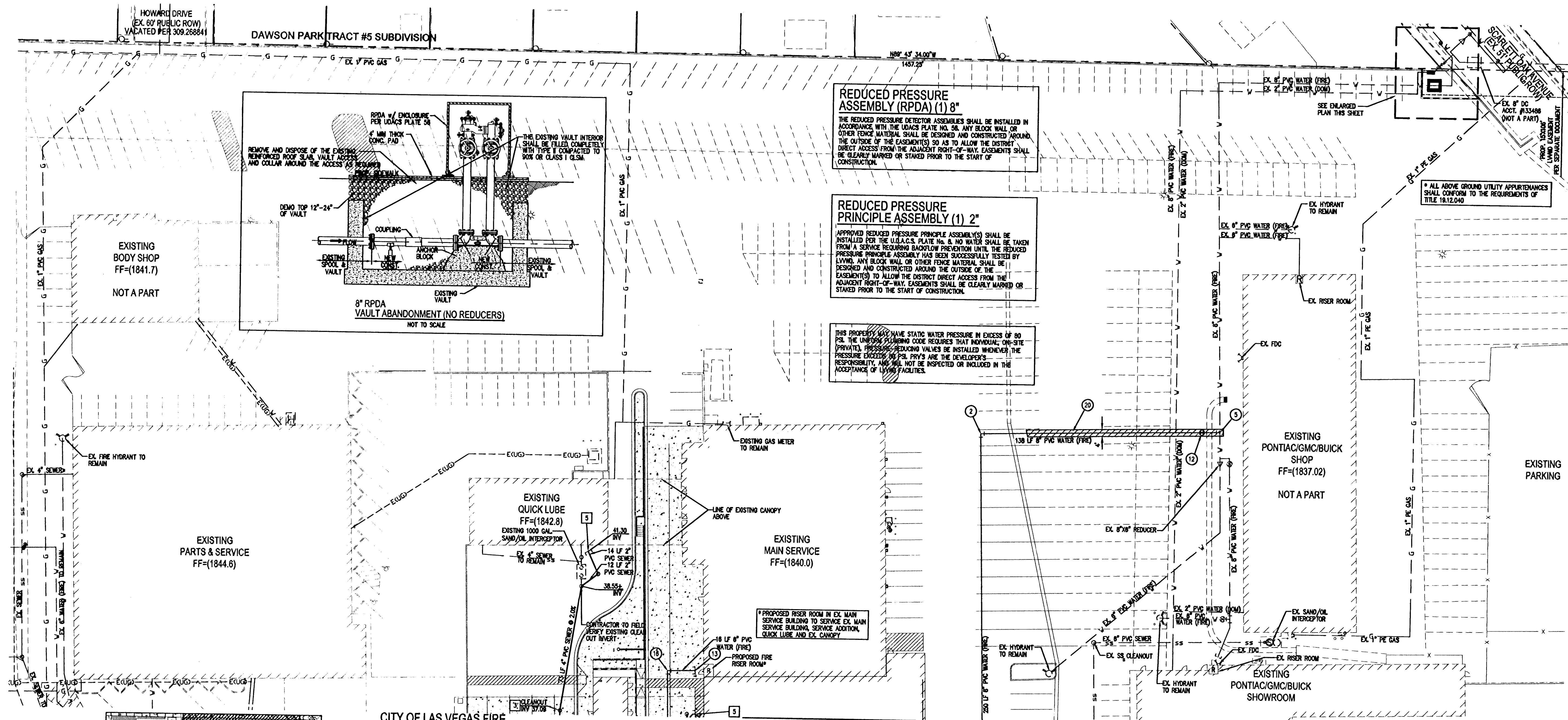




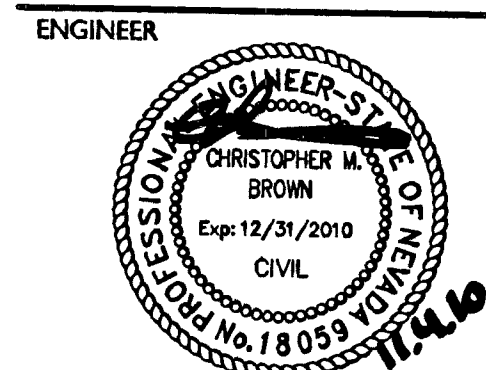
Service Building Addition

Construction Documents

3105 and 3120 East Sahara Ave
Las Vegas, Nevada 89104

APTUS
1200 South 4th Street
Suite 206
Las Vegas, Nevada 89104
P 702.839.1200
F 702.839.1213

APTUS PROJECT NO. 10.069
ARCHITECT



NOTES

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NO. DESCRIPTION DATE
ISSUED

TITLE
UTILITY PLAN I

H39923
107V 5521-BAD

DRAWING NO. SHEET 8 OF 12

UTI

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVED

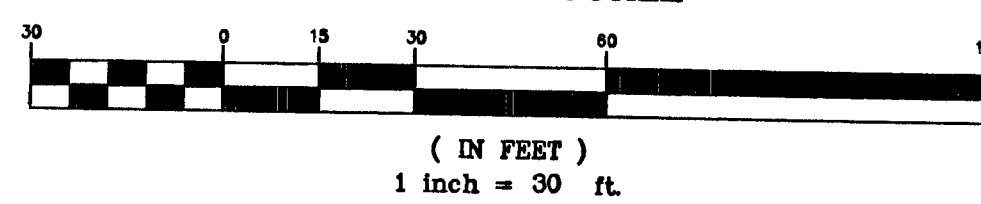
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW - 2875 GPM AT 20 P.S.I. RESIDUAL.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER PROJECT #16582

SEE SHEET UT2 FOR CONTINUATION

GRAPHIC SCALE



FIRE FLOW DATA - UFC APPENDIX III-A as amended

BUILDING HEIGHT	EX. QUICK LUBE, EX. SERVICE BUILDING, NEW SERVICE ADDITION, EX. CANOPY	PROPERTY SHOWROOM (FUTURE), EX. CANOPY (FUTURE), SERVICE BUILDING, CANOPY
OCCUPANCY CLASSIFICATION	TYPE V-B	TYPE I-B
FLOOR AREA:		
EX. QUICK LUBE	3,189 SF	*CHEVY SHOWROOM (FUTURE) 64,000 SF
EX. SERVICE BUILDING	15,973 SF	*CANOPY (FUTURE) 1,400 SF
NEW SERVICE ADDITION	9,849 SF	SERVICE BUILDING 1,400 SF
EX. CANOPY	1,759 SF	CANOPY 5,971 SF
TOTAL	30,768 SF	TOTAL 72,884 SF
FLOORS	1	2
HIGH PILE STORAGE	NO	NO
SPRINKLERED	YES	YES
ESTIMATED FIRE FLOW	2375 GPM	*2875 GPM

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR CONSTRUCTION, A COMMITMENT TO SUPPLY WATER AND/OR SEWER SERVICE, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS, FIRE FLOW - 2875 GPM AT 20 P.S.I. RESIDUAL.

* PER SEPARATE PLANS

WATER CONSTRUCTION NOTES:

1. REMOVE EX. DCV & REPLACE WITH 8" RPDA PER UDACS PLATE #58-SEE DETAIL THIS SHEET
2. INSTALL 8" 90° BEND PER UDACS PLATE #31
3. INSTALL 8" 45° BEND PER UDACS PLATE #31
4. INSTALL 8" TEE PER UDACS PLATE #31
5. INSTALL 8" TEE PER UDACS PLATE #31
6. INSTALL 2" TEE
7. INSTALL 2" 45°
8. INSTALL 2" 90°
9. INSTALL 2" 22.5° BEND
10. INSTALL 2" 11.25° BEND
11. INSTALL 2" GATE VALVE
12. INSTALL 8" GATE VALVE PER UDACS PLATE #30 & #39
13. SEE PLUMBING PLANS FOR CONTINUATION
14. INSTALL 2" 90° REDUCER
15. INSTALL FIRE HYDRANT PER UDACS PLATE #40
16. INSTALL 8" 90° BEND PER UDACS PLATE #31
17. INSTALL 2" RPDA PER UDACS PLATE #31
18. REMOVE FITTING AND CONNECT TO EXISTING 2" WATER
19. RELOCATED VEHICLE PROTECTION BOLLARD INSTALLED PER UDACS PLATE #75
20. UTILITY TRENCH PER UDACS PLATE #17-AC THICKNESS TO MATCH EXISTING
21. CONNECT TO EXISTING 8" WATER
22. INSTALL 8" 90° REDUCER PER UDACS PLATE #30
23. INSTALL 1" 90° BEND
24. PROVIDE WATER/SEWER CROSSING CLEARANCE PER UDACS 2.22.03.B.1
25. INSTALL 1" RPDA PER UDACS PLATE #31
26. INSTALL 8" 90° & 11.25° BEND PER UDACS PLATE #31

SEWER CONSTRUCTION NOTES:

1. INSTALL 48" SEWER MANHOLE PER DSWCS S01-A
2. INSTALL 8" WYE CONNECTION PER DSWCS S0-22
3. INSTALL 8" CLEAN OUT PER DSWCS S0-22
4. INSTALL 2000 GAL SAND/OIL INTERCEPTOR. SEE PLUMBING PLANS FOR MORE INFORMATION
5. SEE PLUMBING PLANS FOR CONTINUATION

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 UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. 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: 1-800-227-2800.

Call before you Dig
1-800-227-2800
1-702-227-2929

Call before you Dig
1-800-227-2800
1-702-455-7544

Call before you Dig
1-800-227-2800
1-702-227-2929

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 1, T. 21 N., R. 81 E., M.D.M. TAKEN AS N88°51'10"W AS SHOWN ON PARCEL MAP BOOK 114, PAGE 13, RECORDED IN THE OFFICIAL RECORDS OF CLARK COUNTY, NEVADA ON JUNE 14, 2007.

LEGAL DESCRIPTION

BEING LOT 1 OF PARCEL MAP BOOK 114, PAGE 13 LYING WITHIN A PORTION OF THE (SE 1/4) OF SECTION 1, TOWNSHIP 21 NORTH, RANGE 81 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK

BEING CITY OF LAS VEGAS BENCHMARK 8C11154 A RIVET & PLATE IN TOP OF CURB @ NE CORNER OF SAHARA AVENUE & WOODS DRIVE, TAKEN AS ELEVATION 564.85750 (METERS), NAD83 1983.20 FEET.

LEGEND	
EXISTING	PROPOSED
RIGHT-OF-WAY	---
PROPERTY LINE	---
STREET CENTER LINE	---
BUILDING	///
CURB & GUTTER	---
EDGE OF PAVEMENT	---
FENCE/RETAINING WALL	---
SEWER LINE	---
WATER LINE	---
SEWER CLEAN OUT	---
SEWER MANHOLE	---
WATER VALVE	---
WATER LINE CAP	---
SEWER LINE CAP	---
FIRE HYDRANT	---
GAS LINE	---
OVERHEAD ELECTRICAL	---
UNDERGROUND ELECTRICAL	---
STORM DRAIN	---

