

WATER NOTES

	QUANTITIES	
	PRIVATE	PUBLIC
1. REMOVE AND RELOCATE EXISTING FIRE HYDRANT. FOR NEW FIRE HYDRANT LOCATION SEE WATER NOTE 6.	1 EA	0 EA
2. ABANDON EXISTING WATERLINE PER CC HEALTH DEPARTMENT RECOMMENDATION.	30 LF	0 LF
3. CONNECT TO EXISTING 6" WATERLINE.	1 EA	0 EA
4. INSTALL 6" PVC FIRE LINE PER LVVWD PLATE NO. 6B.	64 LF	0 LF
5. INSTALL 6" ~ 45" BEND PER LVVWD PLATE NO. 5.	1 EA	0 EA
6. NEW FIRE HYDRANT ASSEMBLY LOCATION PER LVVWD PLATE NO. 7.	1 EA	0 EA
7. EXISTING PUBLIC FIRE HYDRANT.	N/A	2 EA

SEWER NOTES

	QUANTITIES	
	PRIVATE	PUBLIC
1. CONNECT TO EXISTING SEWER LATERAL.	1 EA	0 EA
2. INSTALL 6" SEWER LATERAL PER CCSD SD-16A.	388 LF	0 LF
3. INSTALL 6" SEWER CLEANOUT IN TRAFFIC RATED BOX.	5 EA	0 EA
4. SEE PLUMBING PLANS FOR CONTINUATION.	N/A	N/A

NOTE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING SEWER HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO ANY CONSTRUCTION. SHOULD THE CONTRACTOR DISCOVER ANY VERTICAL DISCREPANCIES EXCEEDING 0.1' IN VERTICAL ELEVATION OR 1' IN HORIZONTAL LOCATION, THE CONTRACTOR SHOULD NOTIFY THE GARY BUSBY AT ACCLAIM ENGINEERING AND ASSOCIATES @ (702) 361-7081 IMMEDIATELY.

FIRE FLOW CALCULATION

FIRE FLOW REQUIREMENT IS 3,000 GALLONS PER MINUTE AT 20 PSI RESIDUAL

BASED ON: BUILDING 1

SQUARE FOOTAGE: 23,217 S.F. (INCLUDES ADDITION)

LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 5,000 S.F.

BUILDING HEIGHT: ONE-STORY

TYPE OF CONSTRUCTION: I-N NON-SPRINKLED

OCCUPANCY: B

FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO

[Signature] 4/24/03
CITY FIRE MARSHAL DATE

Approval by the fire department having jurisdiction is required PRIOR to obtaining final approval from the LVVWD.

FIRE HYDRANT INSTALLATION

Fire hydrant(s) to be installed in accordance with the UDACS Standard Plate No. 7

[Signature] 4/24/03
LAS VEGAS VALLEY WATER DISTRICT (No new dist. facilities) DATE

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL 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.

Avoid cutting underground utility lines. It's costly. Call before you Dig. 1-800-227-2600 UNDERGROUND SERVICE (USA)

Avoid hitting overhead power lines. It's costly. Call before you dig. CALL 1-702-593-6111

LEGAL DESCRIPTION:

ASSESSORS PARCEL NO. 139-21-416-011, LYING WITHIN SECTION 21, T.20 S., R.61 E., M.D.M. (S1/2, SW1/4, SEC. 21, T. 20S., R. 61 E.)

ADDITIONAL SEWER CONTRIBUTION

AVERAGE DAILY FLOW 0.012 MGD
PEAK HOURLY FLOW 0.039 MGD

BASIS OF BEARING:

THE CENTERLINE OF WYATT AVENUE HAVING A BEARING OF NORTH 89°30'47" WEST AS RECORDED IN BOOK 77 OF PLATS, PAGE 55 IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA.

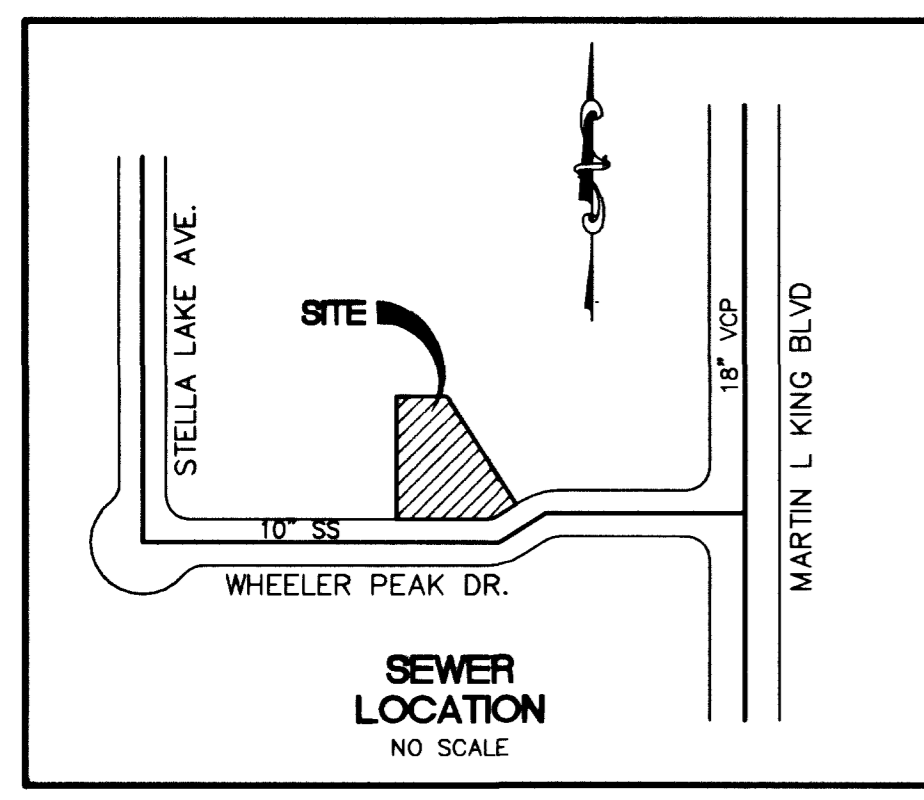
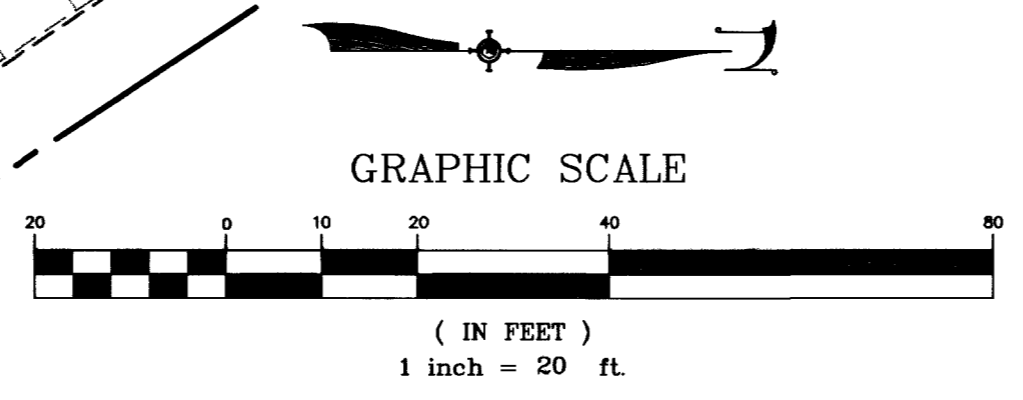
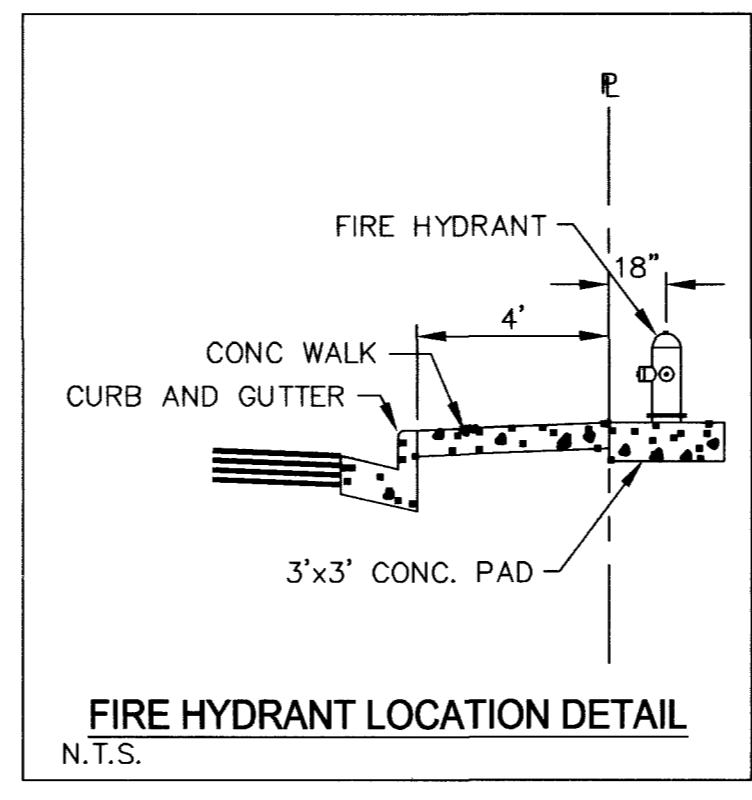
PROJECT BENCHMARK:

CITY OF LAS VEGAS BENCHMARK STATION NO 2LV01 21C4, A RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN MARTIN LUTHER KING BOULEVARD AND LAKE MEAD BOULEVARD.

OLD BENCHMARK INFORMATION
ELEVATION = 625.6597 METERS (NAVD 88)
= 2052.685 FEET (NAVD 88)

NEW BENCHMARK INFORMATION
ELEVATION = 625.5911 METERS (NAVD 88)
= 2052.46 FEET (NAVD 88)

2052.685 - 2052.46 = 0.225 FEET
EX ELEVATION - 0.225' = NEW ELEVATION



CLARK COUNTY, NEVADA

AFAN/FACT BUILDING ADDN.
ENTERPRISE MEDICAL/DENTAL CENTER
MASTER UTILITY PLAN

CITY OF LAS VEGAS
CLARK COUNTY

DESIGNED: T.D.A.
CHECKED: G.R.B.
SCALE: 1"=20'
DATE: 02/19/03

FILE NO: 01165.0

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Fax: 702-361-7082

Acclaim
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PHONE: (702) 455-5965
FAX: (702) 455-5817

SEAL: ENGINEER STATE OF NEVADA
DAVID PATRICK
EXPIRES 09/03
NO. 15590

101V 3672

3 OF 5 SHEETS