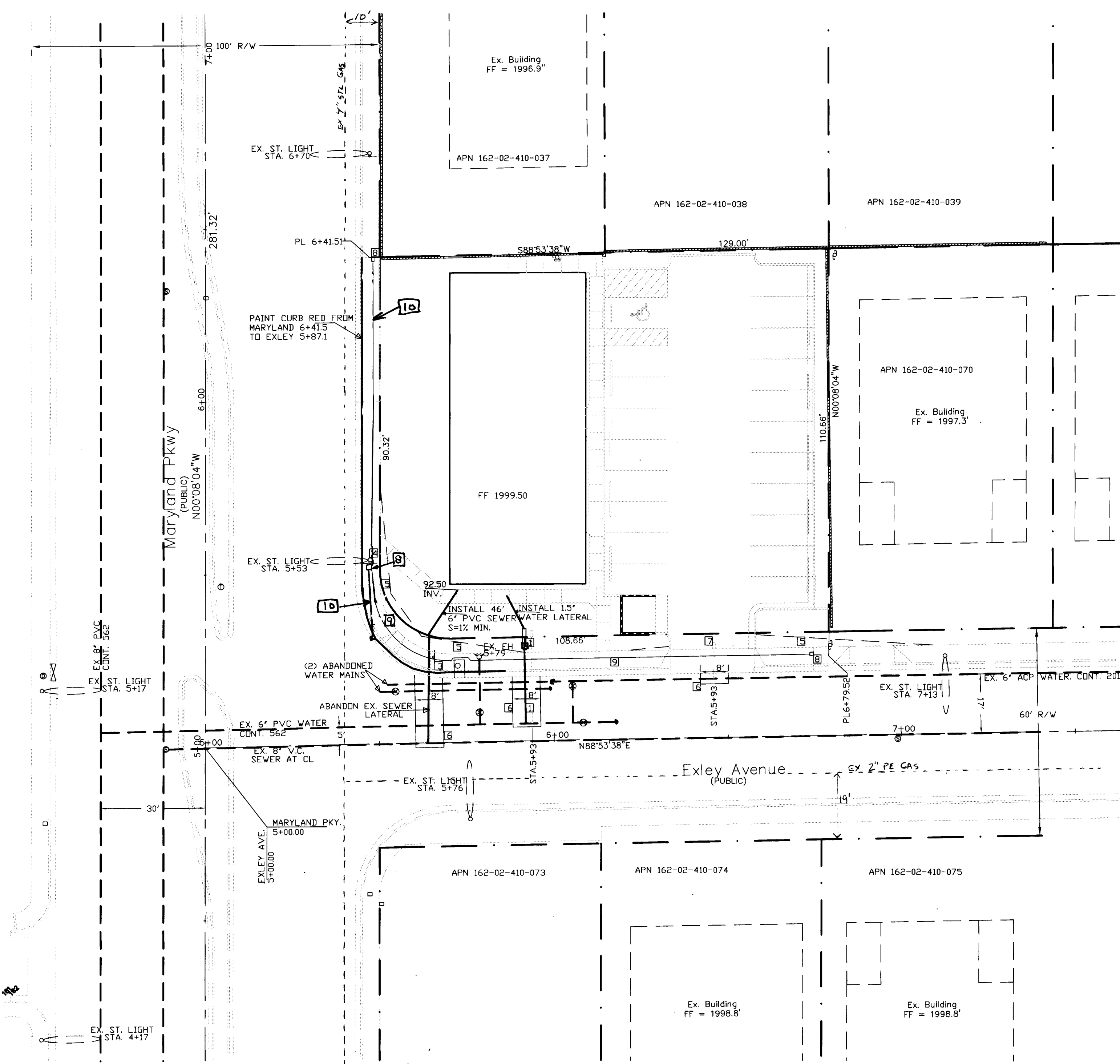
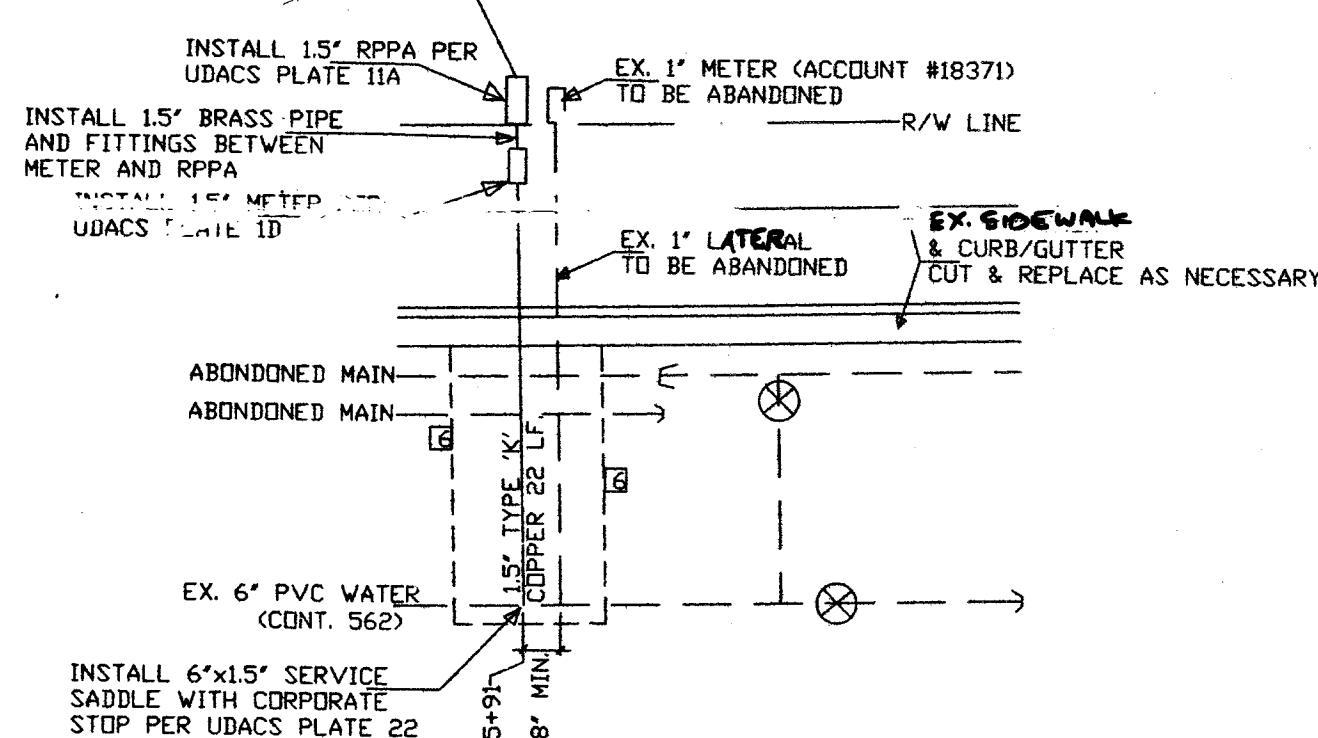




BASIS OF BEARING
N00°22'12"W being the West line of the SW 1/4 of the SW 1/4 of Section 02, Township 21 South, Range 61 East, M.D.M., as per Book 04 Page 14 of Plats, Clark County, Nevada records.

Bench Mark
BM = 6C112SWS Elev. = 1999.87', 609.5626 M
Rivet and Plate in T/C NE Corner of Sahara Avenue and Maryland Pkwy. NAVD '88



WATER SERVICE DETAIL
1"=10'

THIS PROJECT REQUIRED REMOVAL OF 2 EXISTING WATER METERS

METER NUMBER	SIZE	ACCOUNT #
0228177	1"	18371
0228178	1"	18370

ABANDONMENT OF EXISTING SERVICE(S) - 2" OR SMALLER
THE CONTRACTOR SHALL NOTIFY THE INSPECTION DIVISION AT THE LVWD (702-258-3227) 48 HOURS PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE DISTRICT TO TAKE THE FINAL METER READING OF THE METER. AFTER THE FINAL READING, THE EXISTING METER(S) SHALL BE REMOVED AND DELIVERED TO THE DISTRICT. THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICE AS FOLLOWS:
EXISTING SERVICE LATERALS THAT ARE TO BE ABANDONED FROM THE EXISTING WATER MAIN, SHALL HAVE THE CORPORATION STOP TURNED OFF AT THE MAIN, A MINIMUM OF 12" OF THE LATERAL CUT OUT NEAR THE CORPORATION STOPS AND A BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED BY THE LVWD. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVWD COMMUNICATION SUPPORT CENTER (702-258-7171) FOR FURTHER DIRECTION.
THE CONTRACTOR SHALL REMOVE THE EXISTING SERVICE METER BOX AND APPURTENANCES, FILL AND GRADE ANY AND ALL RESULTING VOIDS AND REPLACE OR RESTORE TO ORIGINAL CONDITIONS OR BETTER, ALL LANDSCAPING, IRRIGATION SYSTEMS, CONCRETE, SIDEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVED DURING THE REMOVAL OF THE EXISTING SERVICE BOX.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA) 1 1/2"
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 LVWD.
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 TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

LVWD PROJECT No. 114362 DATE

NOTE TO CONTRACTOR

THE UTILITIES IN THIS AREA ARE OLD AND THE RECORDS OF THEIR LOCATIONS ARE NOT CLEAR. SPECIAL CARE MUST BE TAKEN TO AVOID DAMAGING EXISTING UNDERGROUND LINES. CONTACT PRELIMINARY 1" UTILITY LOCATIONS ARE DIFFERENT FROM THE LOCATIONS SHOWN ON THIS PLAN SO THE UTILITY DESIGN CAN BE REVIEWED.

NOTE:
EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THESE PLANS WERE LOCATED FROM THE BEST INFORMATION AVAILABLE AT THE TIME. THE ENGINEER BEARS NO RESPONSIBILITY FOR EXISTING UTILITIES AND IMPROVEMENTS NOT SHOWN OR FOR UTILITIES AND IMPROVEMENTS NOT IN THE LOCATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR NOTIFYING ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION, AND PHYSICALLY LOCATING ALL UTILITIES AND IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION.

WATER QUANTITIES

1 1/2" WATER METER 1 EA.
1 1/2" RPPA 1 EA.

SEWER QUANTITIES

6" PVC LATERAL 46 LF. (PRIVATE)

SEWER CONTRIBUTION

AVERAGE FLOW: 5,600 GPD
PEAK: 10,100 GPD

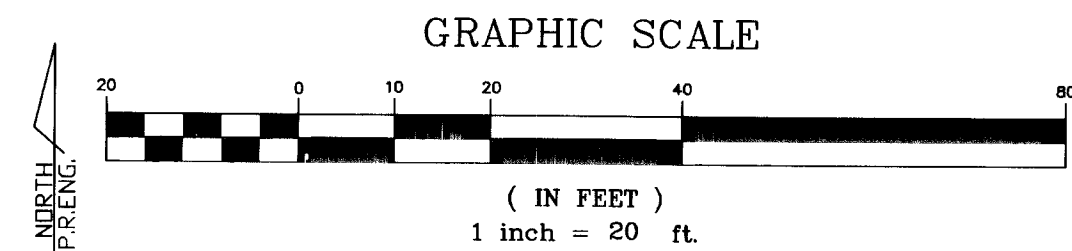
FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS 1,500 GALLONS PER MINUTE AT 20 PSI INCH RESIDUAL PRESSURE.
BASED ON:
SQUARE FOOTAGE: 3,530 SQ. FT.
LARGEST AREA BETWEEN 4 HOUR
SEPARATION WALLS: 3,530 SQ. FT.
BUILDING HEIGHT: 22 FEET
NUMBER OF STORIES: 1 FLOORS
TYPE OF CONSTRUCTION: TYPE 5 NON RATED
OCCUPANCY: B
FULL AUTOMATIC SPRINKLER SYSTEM: NO

REVIEWED BY: *[Signature]* DATE: 7.25.07

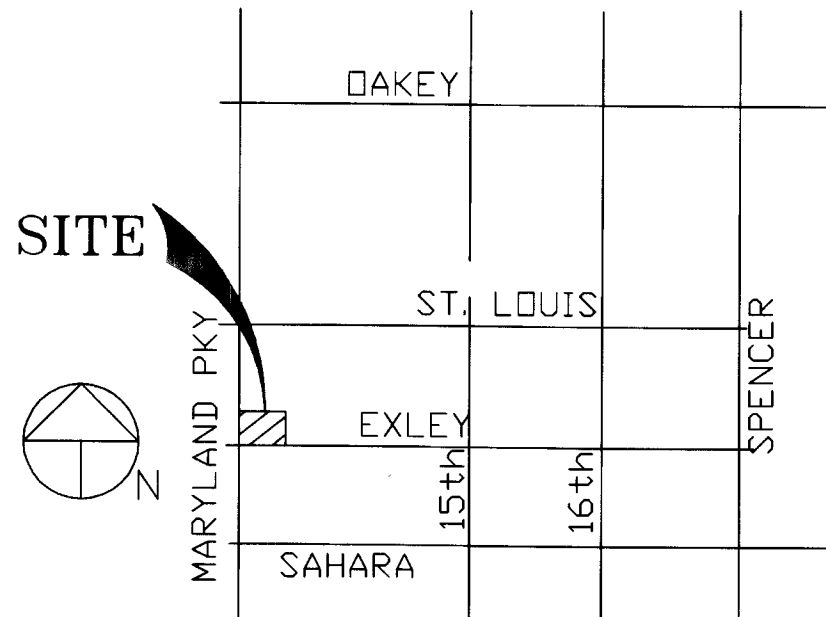
NOTE: ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040

ANY INFORMATION OR DATA ON THIS DRAWING IS NOT INTENDED TO BE SUITABLE FOR REUSE BY ANY PERSON, FIRM, CORPORATION, OR ANY OTHERS ON EXTENSIONS OF THIS PROJECT OR FOR ANY USE ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION AND ADOPTION BY THE ENGINEER FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER. SLOPES SHOWN ARE APPROXIMATE AS REQUIRED BY CLV. PAD IS APPROXIMATE ELEVATION AS PER CLV REQUIREMENTS. CUT & FILL QUANTITIES ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR ACTUAL QUANTITIES.



LEGEND & ABBREVIATIONS

GRADE BREAK	GB
EXISTING GRADE	EG
TOP OF CURB	TC
FINISH FLOOR	FF
FLOW LINE	FL
FINISH GRADE	FG
HIGH POINT	HP
EXISTING GRADE	(00.00)
PROPOSED GRADE	00.00
STREET SIGN	
FIRE HYDRANT	
STREET CENTERLINE	
RIGHT OF WAY LINE	



A PORTION OF THE SOUTHWEST QUARTER OF SECTION 2, TOWNSHIP 21 SOUTH, RANGE 61 EAST, CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.
APN 162-02-410-071 & 072
0.33 ACRES

VICINITY MAP
NTS

CONSTRUCTION NOTES

- ABANDON EXISTING 1" METER AND LATERAL AND INSTALL 1.5" LATERAL AND METER PER UDACS PLATE 10 AND RPPA PER UDACS PLATE 11A. EX. METER No. 0228177, ACCOUNT # 18371. INSTALL NEW LATERAL 2" WEST OF THE OLD LATERAL.
- ABANDON EXISTING 1" METER AND LATERAL. EX. METER No. 0228178.
- EX. R1-1 STOP SIGN AND STREET NAME SIGNS.
- INSTALL R7-1APR ON EX. ST. LIGHT POLE.



- SIGHT VISIBILITY ZONE.
- SAWCUT AND TRENCH PER STD. DWG 503.
- ABANDON EXISTING 1" METER AND LATERAL. EX. METER No. 0228178, ACCOUNT # 18370.
- INSTALL 3-1/2" PULL BOX.
- INSTALL 1-1/4" CONDUIT WITH #8 PULL WIRE.
- INSTALL 2" PVC CONDUIT w/ #8 PULL WIRE.

NOTE:
EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THESE PLANS WERE LOCATED FROM THE BEST INFORMATION AVAILABLE AT THE TIME. THE ENGINEER BEARS NO RESPONSIBILITY FOR EXISTING UTILITIES AND IMPROVEMENTS NOT SHOWN OR FOR UTILITIES AND IMPROVEMENTS NOT IN THE LOCATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR NOTIFYING ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION, AND PHYSICALLY LOCATING ALL UTILITIES AND IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION.

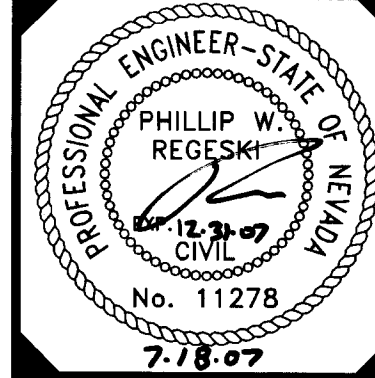
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

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

Call before you UnderGround
1-702-455-7511
1-702-229-6611

CLV DWG. No. 107V4941 #23012

P.R.E. CIVIL ENGINEERING
ENGINEERING LAND PLANNING
10225 SCHUSTER ST.
LAS VEGAS, NEVADA 89141
(702) 434-8515



7/18/07
DRAWN BY: PWR
DESIGNED BY: PWR
CHECKED BY: AW
SCALE: 1"=20'
FILE: 9902-JUL

NASSIRI OFFICE
UTILITY/TRAFFIC PLAN

PREPARED FOR: DINNER/DEVELOPER
DR. OBTEEN NASSARI
2111 S. MARYLAND PKY., LAS VEGAS, NV. 89101
PHONE: 962-7127

NO.	DATE	DESCRIPTION	BY	APPROVAL

SHEET

4

SHT. 4 OF 5