

ABANDONMENT OF EXISTING SERVICE(S) 2" AND SMALLER (1" 1", ACCT #8713)

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. AFTER THE FINAL READING THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICES AS FOLLOWS:

EXISTING SERVICE LATERALS THAT ARE TO BE ABANDONED FROM EXISTING WATER MAINS SHALL HAVE THE CORPORATIONS STOPS TURNED OFF AT THE MAIN, A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL OUT 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 DISTRICT. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVWD COMMUNICATION SUPPORT CENTER AT (702-258-7171) FOR FURTHER DIRECTION. THE EXISTING METER(S) SHALL BE REMOVED AND DELIVERED TO THE DISTRICT. 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, DISEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVED DURING THE REMOVAL OF THE EXISTING SERVICE METER BOX.

REDUCE PRESSURE DETECTOR ASSEMBLY (1) 1"

APPROVED REDUCE PRESSURE DETECTOR ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 58. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE DETECTOR 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) 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. LOW LOSS ASSEMBLY REQUIRED.

EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALLS, OR FENCE

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

DISCLAIMER NOTE:

EXISTING UTILITY LOCATIONS SHOWN HEREON 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 HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD

1-702-227-2923

Call before you Dig
Avoid cutting underground utility lines. IT'S COSTLY.

Call 811

1-800-227-2600
OR
1-702-455-7511

CLARK COUNTY TRAFFIC OPERATIONS AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

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

Call before you do UnderGround

1-702-455-7511
OR
1-702-432-5300

CLARK COUNTY TRAFFIC OPERATIONS AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

SINGLE SERVICE UPGRADE

SINGLE WATER SOURCE PROJECTS INVOLVING A METER, VAULT, OR WATER SERVICE UPGRADE WILL REQUIRE THE WATER TO BE SHUT OFF FOR A SUFFICIENT LENGTH OF TIME TO ACCOMPLISH THE WORK PER THE PLANS. THE ENGINEER MAY BE REQUIRED TO PROVIDE FOR A DISTRICT APPROVED TEMPORARY BY-PASS TO SUPPLY THE PROJECT WHILE THE WORK IS BEING COMPLETED.

REDUCE PRESSURE PRINCIPLE ASSEMBLY RPPA (1) 1"

APPROVED REDUCE PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 8. 58 OR 58. 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) 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:

BASED ON:	11,421
SQUARE FOOTAGE:	
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A
BUILDING HEIGHT:	21'
NUMBER OF STORIES:	1
TYPE OF CONSTRUCTION:	V-B
OCCUPANCY:	8
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	YES
FIRE FLOW REQUIREMENT GPM AT 20 PSI RESIDUAL PRESSURE (50% REDUCTION)	1,500

BENCHMARK

IRON & ALUMINUM PLATE IN TOP OF CURB NORTHEAST CORNER OF LAS VEGAS BLVD. AND PARK PASEO.

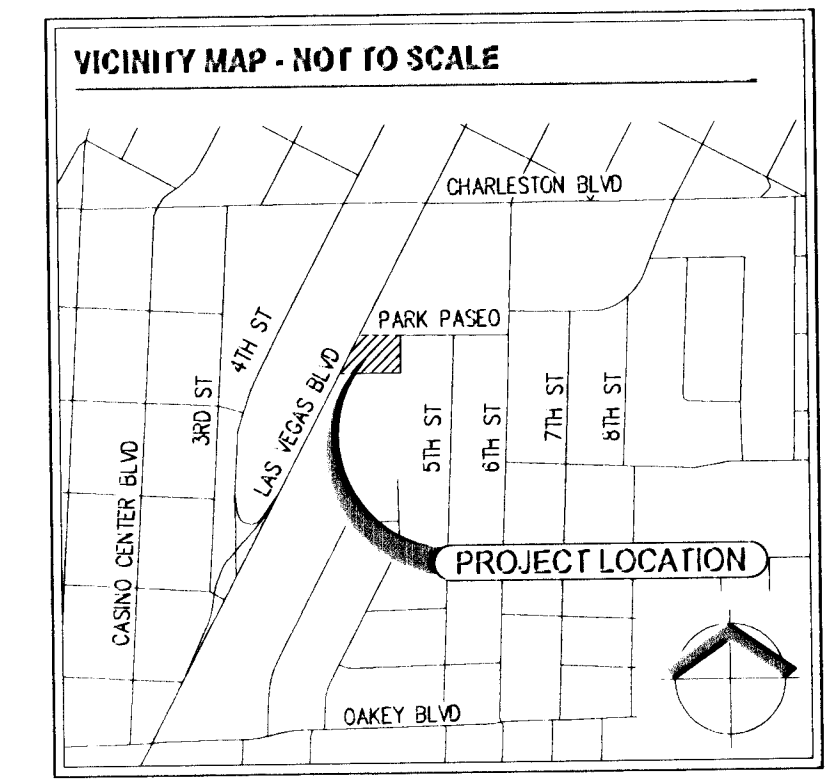
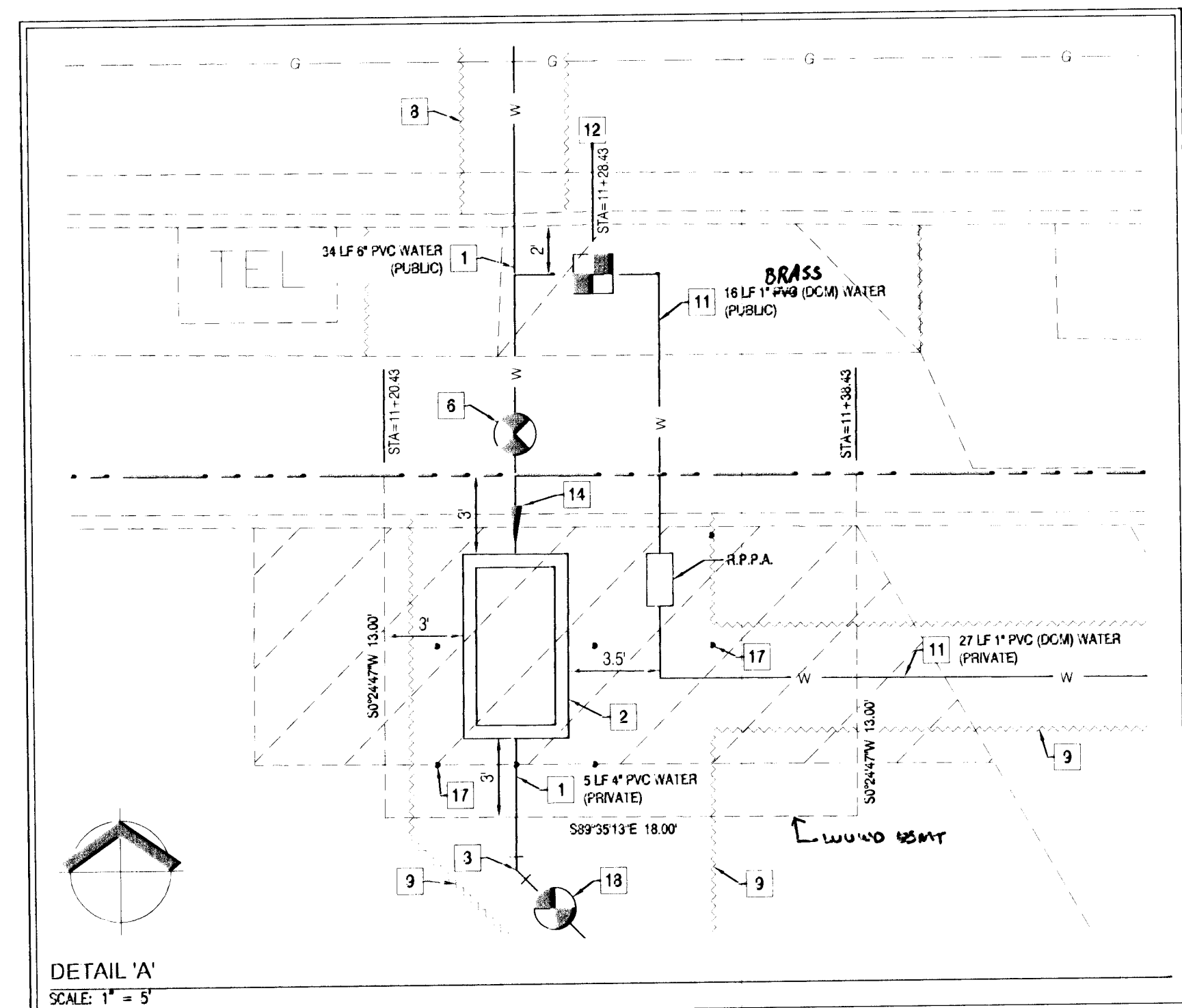
8KV113NW6

ELEVATION: 616.712 METERS = 2023.43 FEET

NAVD88

BASIS OF BEARING

THE MONUMENT LINE OF PARK PASEO, USING A BEARING OF S89°35'13"E, PER RECORD OF SURVEY IN FILE 97 OF SURVEYS, PAGE 9, CLARK COUNTY RECORDERS



LEGEND

- PROPERTY BOUNDARY
- ADJACENT LOT LINE
- RIGHT-OF-WAY
- CENTER LINE
- EXIST 1" TYPE CURB
- EXIST 1" TYPE CURB
- EXIST SCREEN WALL AS INDICATED
- EXIST BUILDING FOOTPRINT
- SAVOUT LINE
- EXIST SEWER LINE
- EXIST WATER LINE
- EXIST GAS LINE
- EXIST STORM DRAIN MAN HOLE
- EXIST SEWER MAN HOLE
- EXIST GATE VALVE
- EXIST FIRE HYDRANT
- EXIST WATER BACKFLOW PREVENTER
- EXIST WATER METER
- EXIST TELEPHONE VAULT
- EXIST CABLE T.V. BOX
- EXIST ELECTRICAL VAULT
- EXIST POWER POLE
- WATER LINE
- GATE VALVE
- FIRE DEPARTMENT CONNECTION

SCALE: 1" = 20'

0 10 20

APN # 162-03-112-025

0.28 ACRES

- NOTES**
- ALL EXISTING ON-SITE UTILITY STUBS AND LATERALS TO BE LOCATED AND FIELD VERIFIED PRIOR TO CONSTRUCTION. FOR USE ON PROPOSED BUILDING.
 - ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.
 - ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.08.010 (A).
 - INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING. PER UDACS PLATE NO. 27.
 - ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
 - THE DISTRICT CANNOT GUARANTEE A WATER TIGHT SHUTDOWN WHERE CONNECTIONS OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE FUGITIVE WATER THAT MAY IMPEDE CONSTRUCTION AT ALL TIMES. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TIAL SHUTDOWN.
- CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE

- WATER CONSTRUCTION NOTES**
- INSTALL PVC WATER (FIRE,PUBLIC) LINE (SIZE PER PLAN), TRENCH SECTION PER U.D.A.C.S. PLATE 17 AND 19
 - INSTALL 1" R.P.D.A. PER U.D.A.C.S. PLATE NO. 59
 - INSTALL 15" BEND (SIZE PER PLAN) WITHRUST BLOCKS PER U.D.A.C.S. PLATE 31
 - INSTALL 30" BEND (SIZE PER PLAN) WITHRUST BLOCKS PER U.D.A.C.S. PLATE 31
 - INSTALL 8" TAPPING SLEEVE AND GATE VALVE PER U.D.A.C.S. PLATE 34 AND SECTION 2.24.01 B.
 - INSTALL 6" GATE VALVE W/VALVE BOX PER U.D.A.C.S. PLATE 30 & 39
 - SEE PLUMBING PLANS FOR BUILDING CONNECTION
 - SAWCUT, REMOVE AND REPLACE EXISTING A.C. PAVEMENT PER OCAUSD #500.2 (FINAL LIMITS OF REPLACEMENT TO BE SET BY QLV INSPECTOR)
 - SAWCUT, REMOVE AND REPLACE EXISTING A.C. PAVEMENT IN KIND
 - REMOVE CURB GUTTER AND PAN TYPE DRIVEWAY ALONG WITH 1 (ONE) PANEL OF EXISTING SIDEWALK AND REPLACE PER OCAUSD #234.3.216
 - INSTALL 1" P.W. WATER LINE (FOR DOMESTIC USE ONLY), TRENCH SECTION PER U.D.A.C.S. PLATE 17 AND 19
 - INSTALL 1" (DOMESTIC) WATER SERVICE COMPLETE W/ METER PER U.D.A.C.S. PLATE 4 AND 1" R.P.A. PER U.D.A.C.S. PLATE 8
 - CONNECT TO EXISTING 1" (DOM) WATER LINE
 - INSTALL 8"X4" REDUCER WITHRUST BLOCKS PER U.D.A.C.S. PLATE 31
 - REMOVE AND RELOCATE EXISTING 1" METER
 - ABANDON EXISTING 1" SERVICE LATERAL PER U.D.A.C.S. SECTION 2.17.04
 - INSTALL VEHICULAR PROTECTION DOLLARS AS NEEDED PER U.D.A.C.S. PLATE 75
 - INSTALL 4" GATE VALVE W/VALVE BOX PER U.D.A.C.S. PLATE 30 & 39

WATER QUANTITIES (PUBLIC ONLY)

ITEM DESCRIPTION	QUANTITY
1" R.P.D.A.	1 EA
8" PVC WATER	34 LF
1" GATE VALVE	1 EA
TAPPING SLEEVE W/ GATE VALVE	1 EA

WATER QUANTITIES (PRIVATE ONLY)

ITEM DESCRIPTION	QUANTITY
1" PVC WATER LINE	46 LF
1" GATE VALVE	1 EA

LAS VEGAS FIRE AND RESCUE

[Signature] 3/14/13
LAS VEGAS FIRE AND RESCUE DATE

APPROVED FOR CONSTRUCTION

[Signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 4/8/13 PROJECT No.: 121524
LVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

RIETZ CONSULTING INC.
5740 SOUTH ARVILLE STREET, #206
LAS VEGAS, NEVADA 89118
PH: 702.521.3355
FX: 702.212.5963

UTILITY PLAN

VIVA BANQUET FACILITY
LAS VEGAS, NEVADA
APN# 162-03-112-025

DATE: 3/13/13
DRAFTER: RS
CHECKED: EJR
SCALE: 1"=20'

PROFESSIONAL ENGINEER STATE OF NEVADA
RIETZ
Exp: 12/31/13
CIVIL
No 16350
3/14/13

SHEET
U1
SHEET 3 OF 3 SHEETS
CLV No: 48201