

**SEWER SCHEDULE**

- 1A EX. SSM # 1  
RIM = 1955.25  
INV IN (W) = 1955.93  
INV IN (S) = 1956.55  
INV OUT = 1955.79
- 2A EX. SSM # 2  
RIM = 1959.68  
INV IN (W) = 1949.88  
INV OUT (S) = 1949.58
- 3A EX. SSM # 3  
RIM = 1940.18  
INV IN (W) = 1932.83  
INV IN (S) = 1932.41  
INV OUT = 1932.26
- 4A EX. SSM # 4  
RIM = 1942.57  
INV IN = 1935.75  
INV OUT = 1935.55
- 5A EX. SSM # 5  
RIM = 1942.32  
INV IN (W) = 1937.74  
INV IN (S) = 1936.81  
INV OUT = 1936.54
- 6A EX. SSM # 6  
RIM = 1942.09  
INV IN (W) = 1937.51  
INV OUT (S) = 1936.38  
INV OUT = 1936.31
- 7A EX. SSM # 7  
RIM = 1953.22  
INV IN (W) = 1945.56  
INV IN (N) = 1945.52  
INV OUT = 1945.92
- 8A EX. SSM # 8  
RIM = 1951.79  
INV OUT = 1947.25
- 9A PROPOSED SSM  
RIM = 1953.28  
INV IN (N) = 1945.85  
INV OUT = 1945.65

**LEGEND**

- CENTERLINE
- PROPERTY LINE
- EX. BUILDING
- EX. TOP OF CURB
- EX. SEWER
- EX. WATER
- EX. GAS
- PROPOSED EASMENT
- PROPOSED PARKING
- PROPOSED TOP OF CURB
- PROPOSED SIDEWALK
- ASSESSOR'S PARCEL NUMBER
- EX. FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EX. WATER VALVE
- PROPOSED WATER VALVE
- EX. WATER METER
- EX. FENCE

**NOTE:**  
ALL ABOVE GROUND UTILITY APPURTENANCES WILL BE PLACED A MINIMUM OF THREE (3) FEET FROM THE BACK OF SIDEWALK AND WILL BE IN CONFORMANCE WITH TITLE 19.12.040

**Call before you UnderGround**  
1-702-455-7511  
CLARK COUNTY TRAFFIC OPERATIONS AND 1-702-229-8611  
FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

**Call before you Overhead**  
1-702-227-2929  
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

**Call before you Dig**  
1-800-227-2600  
UNDERGROUND SERVICE ALERT (USA)

**BASIS OF BEARING**

THE CENTERLINE OF STEWART AVENUE BETWEEN THIRTEENTH STREET AND FOURTEENTH STREET BEARS SOUTH 62°05'37" EAST PER RECORD OF SURVEY FILE #7, PAGE 79, OFFICIAL RECORDS OF CLARK COUNTY NEVADA.

**BENCHMARK**

CITY OF LAS VEGAS BENCHMARK NO. STEWART 135 12 BEING A RIVET AND PLATEN TOP OF CURB @ SE CORNER OF STEWART AND MARYLAND PARKWAY  
ELEVATION= 603.4244 METERS (1979.73 FEET) NAVD88

**WATER NOTES**

	PRIVATE	PUBLIC
1 STUB AND CAP WATER, FOR CONTINUATION REFERENCE PLUMBING PLANS.	4 EA	-
2 TRENCH BACKFILL PER CDDWG 504	-	-
3 INSTALL 6" 90° BEND PER UDACS PL. #5. SIZE PER PLAN.	5 EA	-
4 INSTALL FIRE HYDRANT PER UDACS PL.#7	3 EA	-
5 NOT USED	-	-
6 INSTALL 6"x 6" 6" TEE	5 EA	-
7 INSTALL 6" DCCDA PER UDACS STD. PLATE #11C.	-	2 EA
8 NOT USED	-	2 EA
9 INTALL 2" DOM WATER TYPE "X" (COPPER) LINE W/ CORPORATION STOP & 2" METER PER UDACS PLATE #10 & 2" RPPA PER UDACS PLATE #11A WITH ENCLOSURE	-	1 EA
10 NOT USED	-	-
11 WET TAP EXISTING 14" ACP WATER MAIN WITH 14"x 6" MECHANICAL JOINT TAPPING SLEEVE WITH 6" TAPPING VALVE	-	1 EA
12 EX. WATER METER TO BE ABANDONED	-	8 EA
13 INSTALL 6" PVC WATER MAIN. WATER TRENCH PER UDACS PLATE # 6C	960 LF	89 LF
14 INSTALL 2" PVC WATER MAIN. WATER TRENCH PER UDACS PLATE # 6C	138 LF	55 LF
15 PROPOSED PRIV #4 BY LVWD CONTRACT # C1189	-	-
16 INSTALL 6" R4DCCDA	2 EA	-

**FIRE FLOW CALCULATIONS**

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:  
 SQUARE FOOTAGE: 17,900 SQUARE FEET  
 LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: N/A SQUARE FEET  
 BUILDING HEIGHT: 35' FEET  
 NUMBER OF STORIES: 2 FLOORS  
 TYPE OF CONSTRUCTION: III-B  
 OCCUPANCY: CHURCH  
 FULL AUTOMATIC FIRE SPRINKLER SYSTEM:  YES  NO  
 REVIEWED BY: [Signature] DATE: 9/20/06  
 LAS VEGAS FIRE DEPT.

**DOUBLE CHECK DETECTOR ASSEMBLY (DCCA) (2)-6"**  
THE DCCA SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 11C  
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. ESN.026 REVISED 6/1/04

**REDUCED PRESSURE PRINCIPLE ASSEMBLY (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) TO ALLOW THE DISTRICT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.  
EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION. ESN.026 REVISED 6/1/04

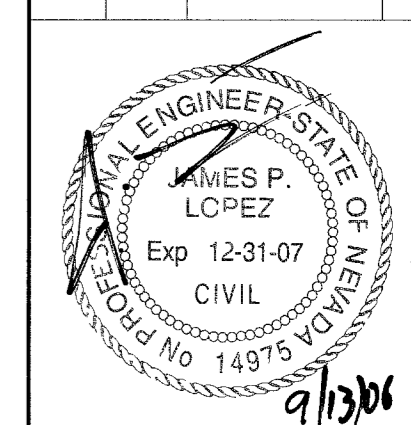
**ABANDONMENT OF EXISTING SERVICE(S)-2" AND SMALLER**  
THE CONTRACTOR SHALL NOTIFY THE INSPECTION DIVISION AT THE LVWD (702) 258-3227 48 HOURS PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE DISTRICT TO TAKE THE FINAL METER READING. AFTER THE FINAL READING THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICE AS FOLLOWS:  
EXISTING SERVICE LATERALS THAT ARE TO BE ABANDONED FROM THE EXISTING WATER MAINS SHALL HAVE THE CORPORATION 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 CONTRACTORS EXPENSE, IN A MANNER APPROVED BY THE DISTRICT. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVWD COMMUNICATIONS SUPPORT CENTER (702) 258-7171 FOR FURTHER DIRECTION 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, SIDEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVE DURING THE REMOVAL OF THE EXISTING SERVICE METER BOX. ESN.028 REVISED 6/1/2004

**APPROVALS**

LAS VEGAS VALLEY WATER DISTRICT  
PROJECT NO 112605  
DATE

**JPL ENGINEERING INC.**  
8620 SOUTH EASTERN AVE SUITE 8  
LAS VEGAS, NV 89123  
Phone (702) 898-6269 \* Fax (702) 896-0647

**ST. BRIDGET'S CHURCH**  
UTILITY PLAN  
SEPTEMBER 2006



**JOB # 05-086**  
SHEET NO.: **UT1**  
5 OF 8 SHEETS  
CLV DWG NO. 100V4732