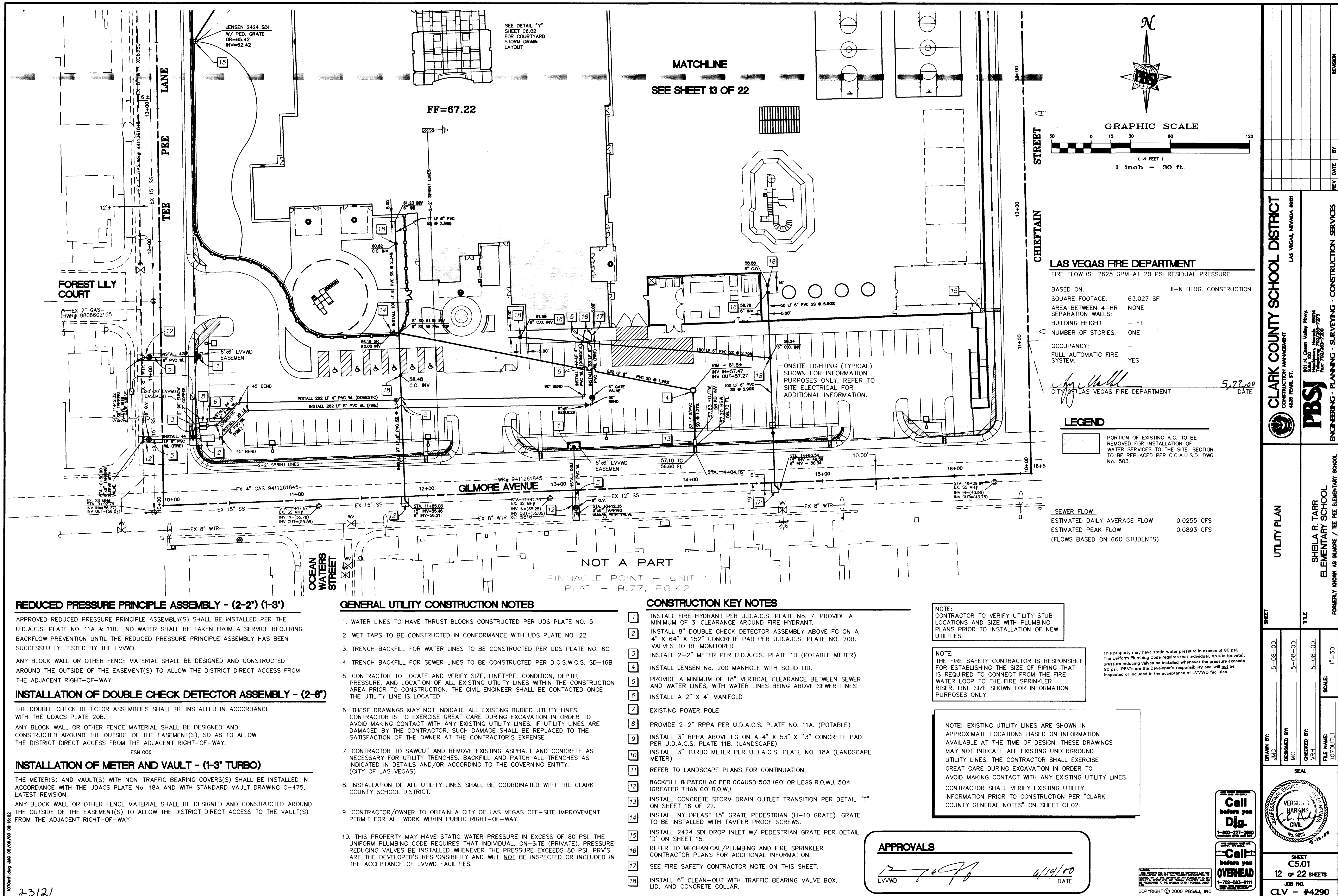




REDUCED PRESSURE PRINCIPLE ASSEMBLY - (2-2") (1-3")

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE U.D.A.C.S. PLATE NO. 11A & 11B. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

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.

INSTALLATION OF DOUBLE CHECK DETECTOR ASSEMBLY - (2-8")

THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE 20B.

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 FROM THE ADJACENT RIGHT-OF-WAY.

ESN.006

INSTALLATION OF METER AND VAULT - (1-3" TURBO)

THE METER(S) AND VAULT(S) WITH NON-TRAFFIC BEARING COVERS(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 18A AND WITH STANDARD VAULT DRAWING C-475, LATEST REVISION.

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 TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY.

GENERAL UTILITY CONSTRUCTION NOTES

1. WATER LINES TO HAVE THRUST BLOCKS CONSTRUCTED PER UDS PLATE NO. 5
2. WET TAPS TO BE CONSTRUCTED IN CONFORMANCE WITH UDS PLATE NO. 22
3. TRENCH BACKFILL FOR WATER LINES TO BE CONSTRUCTED PER UDS PLATE NO. 6C
4. TRENCH BACKFILL FOR SEWER LINES TO BE CONSTRUCTED PER D.C.S.W.C.S. SD-16B
5. CONTRACTOR TO LOCATE AND VERIFY SIZE, LINETYPE, CONDITION, DEPTH, PRESSURE, AND LOCATION OF ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA PRIOR TO CONSTRUCTION. THE CIVIL ENGINEER SHALL BE CONTACTED ONCE THE UTILITY LINE IS LOCATED.
6. THESE DRAWINGS MAY NOT INDICATE ALL EXISTING BURIED UTILITY LINES. CONTRACTOR IS TO EXERCISE GREAT CARE DURING EXCAVATION IN ORDER TO AVOID MAKING CONTACT WITH ANY EXISTING UTILITY LINES. IF UTILITY LINES ARE DAMAGED BY THE CONTRACTOR, SUCH DAMAGE SHALL BE REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
7. CONTRACTOR TO SAWCUT AND REMOVE EXISTING ASPHALT AND CONCRETE AS NECESSARY FOR UTILITY TRENCHES. BACKFILL AND PATCH ALL TRENCHES AS INDICATED IN DETAILS AND/OR ACCORDING TO THE GOVERNING ENTITY. (CITY OF LAS VEGAS)
8. INSTALLATION OF ALL UTILITY LINES SHALL BE COORDINATED WITH THE CLARK COUNTY SCHOOL DISTRICT.
9. CONTRACTOR/OWNER TO OBTAIN A CITY OF LAS VEGAS OFF-SITE IMPROVEMENT PERMIT FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAY.
10. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

CONSTRUCTION KEY NOTES

1. INSTALL FIRE HYDRANT PER U.D.A.C.S. PLATE NO. 7. PROVIDE A MINIMUM OF 3' CLEARANCE AROUND FIRE HYDRANT.
2. INSTALL 8" DOUBLE CHECK DETECTOR ASSEMBLY ABOVE FG ON A 4" X 64" X 152" CONCRETE PAD PER U.D.A.C.S. PLATE NO. 20B. VALVES TO BE MONITORED
3. INSTALL 2-2" METER PER U.D.A.C.S. PLATE 1D (POTABLE METER)
4. INSTALL JENSEN No. 200 MANHOLE WITH SOLID LID.
5. PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN SEWER AND WATER LINES, WITH WATER LINES BEING ABOVE SEWER LINES
6. INSTALL A 2" X 4" MANIFOLD
7. EXISTING POWER POLE
8. PROVIDE 2-2" RPPA PER U.D.A.C.S. PLATE NO. 11A. (POTABLE)
9. INSTALL 3" RPPA ABOVE FG ON A 4" X 53" X "3" CONCRETE PAD PER U.D.A.C.S. PLATE 11B. (LANDSCAPE)
10. INSTALL 3" TURBO METER PER U.D.A.C.S. PLATE NO. 18A (LANDSCAPE METER)
11. REFER TO LANDSCAPE PLANS FOR CONTINUATION.
12. BACKFILL & PATCH AC PER CCAUSD 503 (60' OR LESS R.O.W.), 504 (GREATER THAN 60' R.O.W.)
13. INSTALL CONCRETE STORM DRAIN OUTLET TRANSITION PER DETAIL "T" ON SHEET 16 OF 22
14. INSTALL NYLOPLAST 15" GRATE PEDESTRIAN (H-10 GRATE). GRATE TO BE INSTALLED WITH TAMPER PROOF SCREWS.
15. INSTALL 2424 SDI DROP INLET W/ PEDESTRIAN GRATE PER DETAIL "D" ON SHEET 15.
16. REFER TO MECHANICAL/PLUMBING AND FIRE SPRINKLER CONTRACTOR PLANS FOR ADDITIONAL INFORMATION.
17. SEE FIRE SAFETY CONTRACTOR NOTE ON THIS SHEET.
18. INSTALL 6" CLEAN-OUT WITH TRAFFIC BEARING VALVE BOX, LID, AND CONCRETE COLLAR.

NOTE:
CONTRACTOR TO VERIFY UTILITY STUB LOCATIONS AND SIZE WITH PLUMBING PLANS PRIOR TO INSTALLATION OF NEW UTILITIES.

NOTE:
THE FIRE SAFETY CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE SIZE OF PIPING THAT IS REQUIRED TO CONNECT FROM THE FIRE WATER LOOP TO THE FIRE SPRINKLER RISER. LINE SIZE SHOWN FOR INFORMATION PURPOSES ONLY.

NOTE: EXISTING UTILITY LINES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THESE DRAWINGS MAY NOT INDICATE ALL EXISTING UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL EXERCISE GREAT CARE DURING EXCAVATION IN ORDER TO AVOID MAKING CONTACT WITH ANY EXISTING UTILITY LINES. CONTRACTOR SHALL VERIFY EXISTING UTILITY INFORMATION PRIOR TO CONSTRUCTION PER "CLARK COUNTY GENERAL NOTES" ON SHEET C1.02.

APPROVALS

LVVWD *[Signature]* 6/14/10
DATE

CITY OF LAS VEGAS FIRE DEPARTMENT 5,22,00
DATE

LEGEND

PORTION OF EXISTING A.C. TO BE REMOVED FOR INSTALLATION OF WATER SERVICES TO THE SITE. SECTION TO BE REPLACED PER C.C.A.U.S.D. DWG. No. 503.

SEWER FLOW
ESTIMATED DAILY AVERAGE FLOW 0.0255 CFS
ESTIMATED PEAK FLOW 0.0893 CFS
(FLOWS BASED ON 660 STUDENTS)

This property may have static water pressure in excess of 80 psi. The Uniform Plumbing Code requires that individual, on-site (private), pressure reducing valves be installed whenever the pressure exceeds 80 psi. PRV's are the Developer's responsibility and will not be inspected or included in the acceptance of LVVWD facilities.

CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT
4428 PEARL ST.

UTILITY PLAN

501 N. Green Valley Pkwy.
Suite 100
Las Vegas, NV 89135
Tel: 702.735.7994
Fax: 702.735.7990

PBSJ
ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES

SHEILA R. TARR
ELEMENTARY SCHOOL
FORMERLY KNOWN AS GILMORE / TEE PEE ELEMENTARY SCHOOL

SHEET

5-08-00

5-08-00

5-08-00

5-08-00

5-08-00

5-08-00

5-08-00

5-08-00

5-08-00



SHEET
C5.01
12 OF 22 SHEETS
JOB NO.
CLV - #4290

715-125