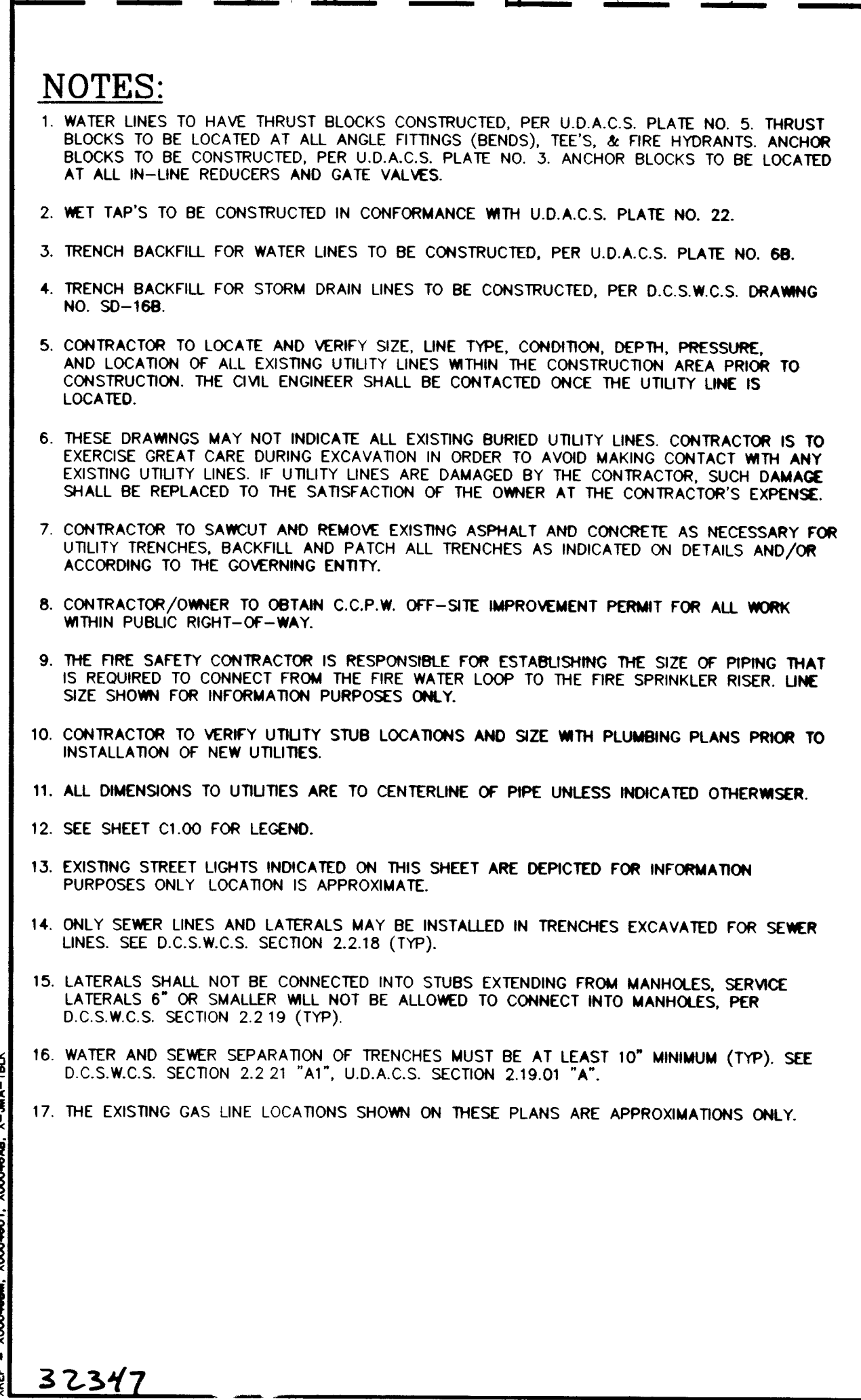




MATCHLINE - SEE SHT. C5.01

- 1 SEE FIRE SAFETY CONTRACTOR NOTE ON THIS SHEET.
- 2 PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN WATER AND SEWER LINES BEING BELOW WATER LINES.
- 3 INSTALL 6" FIRE HYDRANT ASSEMBLY (INCLUDES 12"x6" TEE AND 6" GATE VALVE), PER U.D.A.C.S. PLATE NO. 7 AND 8. PROVIDE A MINIMUM OF 3' CLEARANCE AROUND FIRE HYDRANT.
- 4 INSTALL REMOTE FDC (SIAMSE CONNECTION ON STAND PIPE). REFER TO FDC NOTE ON THIS SHEET.
- 5 INSTALL 8" DOUBLE CHECK DETECTOR FEBCO MODEL NO. 876V ASSEMBLY ABOVE FINISH GRADE, ON A  CONCRETE PAD, PER U.D.A.C.S. PLATE NO. 20B VALVES TO BE MONITORED.
- 6 INSTALL 2" METER PER U.D.A.C.S. PLATE NO. 1-D.
- 7 INSTALL 2" RPPA PER U.D.A.C.S. PLATE NO. 11A.
- 8 INSTALL 6" TAPPING VALVE.
- 9 INSTALL 12"x8" REDUCER.
- 10 INSTALL 8"x6" REDUCER.
- 11 INSTALL 2 - 6"x2" REDUCER.
- 12 INSTALL 2 - 4"x2" REDUCER.
- 13 INSTALL 8"x8" TEE.
- 14 INSTALL 6"x6"x8" MECHANICAL JOINT TAPPING SLEEVE AND 8" TAPPING VALVE.
- 15 INSTALL 2" SADDLE TAP.
- 16 INSTALL 12"x12"x6" TEE.
- 17 INSTALL 8" GATE VALVE.
- 18 INSTALL 6"x6"x6 TEE.
- 19 INSTALL 4"x4"x1-1/2" TEE.
- 20 INSTALL 1-1/2", 45 DEGREE BEND.
- 21 INSTALL 12", 90 DEGREE BEND.
- 22 INSTALL 6", 90 DEGREE BEND.
- 23 INSTALL 4", 90 DEGREE BEND.
- 24 INSTALL 2", 90 DEGREE BEND.
- 25 REFER TO LANDSCAPE PLANS FOR CONTINUATION.
- 26 REFER TO MECHANICAL/PLUMBING AND FIRE SPRINKLER CONTRACTOR PLANS FOR ADDITIONAL INFORMATION.
- 27 INSTALL 1" METER PER U.D.A.C.S. PLATE NO. 1-D.
- 28 PROVIDE 1" RPPA PER U.D.A.C.S. PLATE NO. 11A.
- 29 INSTALL 2"x1" REDUCER.
- 30 INSTALL 4" GLOBE FLANGED GLA-VALVE PRESSURE REDUCING VALVE.
- 31 INSTALL 1" SADDLE TAP.
- 32 INSTALL 4"x4"x4" TEE
- 33 INSTALL 1.5", 90 DEGREE BEND.

- 1 INSTALL MANHOLE OF SAME MATERIAL AS PIPE (SEE SPECIFICATIONS FOR MATERIAL).
- 2 INSTALL ADS 12" INLINE DRAIN WITH 12" PEDESTRIAN H-10 RATED HINGED LOCKING GRATE, TYPICAL ON ALL COURTYARD DRAINS.
- 3 CONSTRUCT STORM DRAIN OUTLET TRANSITION PER DETAIL ON SHEET C9.00.

- 1 CONSTRUCT STANDARD ECCENTRIC MANHOLE (48") PER D.C.S.W.C.S. DWG. NO. SD-1, INSTALL CONCRETE COLLAR PER D.C.S.W.C.S. DWG. NO. SD-2.
- 2 INSTALL WATER QUALITY PIPE PER DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, 1997.

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 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.

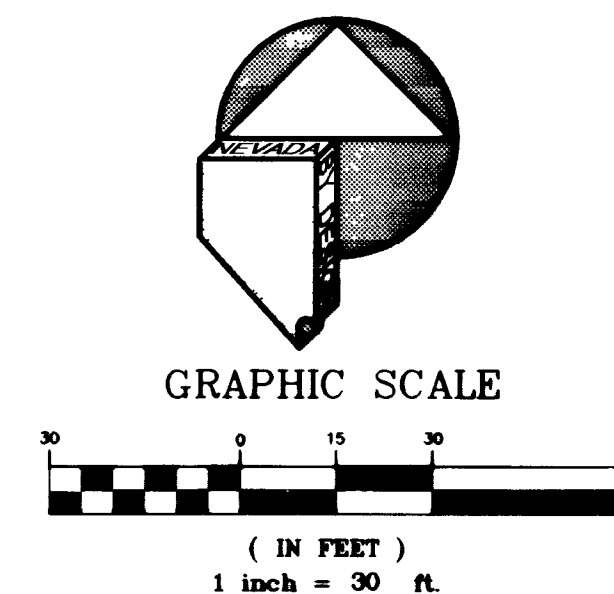
THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE 20B.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY.

THE CONTRACTOR SHALL NOTIFY THE INSPECTION DIVISION AT THE LVWMD (702-258-3227) 48 HOURS IN PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE DISTRICT TO TAKE THE FINAL METER READING AND TO BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICES AS FOLLOWS:

- ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE BY THE REMAINING PORTION OF THE VALVE BOX OR THE VALVE BOX AND THE FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE USING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.
- THE CONTRACTOR SHALL CUT OFF THE EXISTING PIPE TO BE ABANDONED AND INSTALL A CAP, WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION. THE INSTALLATION OF A PLUG SHALL BE DISAPPROVED. DISAPPROVED INSTALLATIONS INCLUDE THE USE OF A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS, OR, 5 AT ALL CAP OR PLUG LOCATIONS. THE EXISTING METER(S) SHALL BE REMOVED AND THE DISTRICT SHALL BE NOTIFIED BY THE CONTRACTOR SHALL THEN REMOVE AND/OR BACKFILL THE ABANDONED VALVES.

* 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 LVWD FACILITIES.



AVERAGE DAILY FLOW = 0.035 MGD
PEAK DAILY FLOW = 0.119 MGD

APPROVALS

[Signature] 4/12/01
L.V.V.W.D. DATE

[Signature] (200)
CLV. JHS DEPARTMENT DATE

CLV BM 2LV0136W4: RIVET & PLATE IN TOP OF CURB,
S.E. RETURN, STEWART AVENUE AND EASTERN AVENUE,
ELEVATION: 1846.08' (NAVD88)

S 44°48'20" E, BEING THE GRID BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS 816 AND 827, AS SHOWN ON A RECORD OF SURVEY IN FILE 88, PAGE 53 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

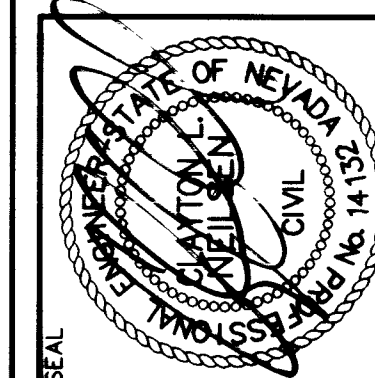
Call
Before You
Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly.

Call
before you
Dig
1-800-227-2600



DO NOT SCALE DRAWINGS



DESIGN PROJECT NO.	DATE
DESIGN REVIEW	10/31/00
APPROVED BY:	WANN BY
NAME	DSW-DZ
	CHECKED BY:
	SLN
	ORIGINAL
	BID DOCUMENT
	PROJECT NO.:
	00046

**NEVADA
BY
DESIGN**

SN
Mon Avenue
ada 89121
Tel
Fax

DESIGN

BY

3515 East Har

Las Vegas, Nev

702/938-1525 -

702/938-1530 -

**TOMORROW'S
SERVICES
TODAY**

DESIGN

JUMA ARCHITECTURE STUDIOS

0510 NOTORINAOJ ZAIHJ SSODJ LAG HHOZ, HSHVA SHIAP, TSOI ZHI 008

CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT
LAS VEGAS, NEVADA 89121
4828 PEARL ST.

LAS VEGAS, NEVADA 89121

SUNRISE ACRES ELEMENTARY SCHOOL

UTILITY PLAN - SHEET 1

SHEET NO.

C4.00

SHEET 10 of 26

DRAWING NO.
715-134