WATER LINE CONSTRUCTION NOTES

1. NOT USED
2. 4" ELBOW
3. INSTALL 6"-90°ELL
4. NOT USED
5. INSTALL 6" PVC C900 WATERLINE
6. 4"x 2"REDUCER
7. INSTALL FIRE HYDRANT ASSY. PER UDS PLATE 7 CONDITION "C"
8. 6" DOUBLE CHECK DETECTOR ASSEMBLY PER PER UDACS, PLATE NO. 20B
9. INSTALL FIRE CONNECTION
10. 2" WATERLINE
11. INSTALL 2" METER PER UDACS, PLATE NO. 1C
12. TIE-INTO EXIST 4" WATERLINE
13. INSTALL UNDERGROUND PRESSURE INDICATOR VALVE WITH VERTICAL INDICATOR POST.
14. NOT USED
15. INSTALL 2" RPPA PER UDACS, PLATE NO. 11A
16. NOT USED
17. INSTALL 4" TEE
18. REPAVE AREA PER STD. DWG. NO. 504
19. INSTALL 8"x 6" TAPPING SLEEVE & TAPPING VALVE
20. INSTALL 4" PVC C900 WATER LINE
21. INSTALL 8"x 4" TAPPING SLEEVE & TAPPING VALVE
22. INSTALL 3/4" PVC CONDUIT FROM PRESSURE INDICATOR VALVE TO TAMPER SWITCH ALONG 6" PVC PIPE
23. INSTALL 6" CHECK VALVE
24. NOT USED
25. ABANDON EXIST. 4" LATERAL PER UDACS STD. SPECIFICATIONS 2.14.04 B

QUANTITIES CONTINUED

4" WATER LINE	110 LF
6" WATER LINE	55 LF
6" DOUBLE CHECK DETECTOR ASSEMBLY	1 EA.
2" METER PER UDACS PLATE 1C	1 EA.
2" RPPA BACKFLOW PREVENTION DEVICE	1 EA.

INSTALLATION OF DOUBLE CHECK DETECTOR ASSEMBLY 1-8"

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.

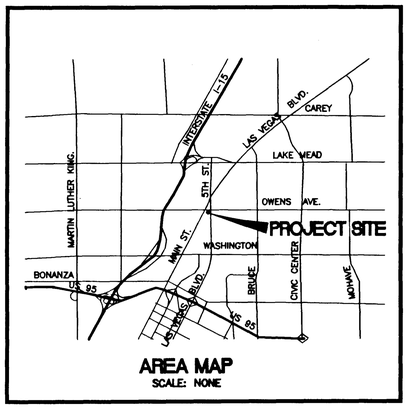
REDUCED PRESSURE PRINCIPLE ASSEMBLY -2"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDS STANDARD PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED.

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.

NOTES :

1. FOR SEWER LATERAL LOCATIONS INTO MAIN, SEE SHEET 7
2. TRAFFIC DETECTOR LOOPS SHALL BE PROTECTED, IF DAMAGED, THEY WILL REPLACED. NO DETECTOR LOOPS ARE VISUALLY APPARENT & THEY MAY NOT BE ANY EXISTING LOOPS.



AREA MAP
SCALE: NONE

LEGEND

	TO BE CONSTRUCTED	EXISTING
PROPERTY LINE		
FLOWLINE		
CENTERLINE		
WATER LINE	—W—	—W—
SANITARY SEWER LINE	—SS—	—SS—
GAS LINE	—GAS—	--GAS--
STORM DRAIN	—SD—	--SD--
POWER LINE / POWER POLE	—ELEC—	--ELEC--
TELEPHONE LINE	—TEL—	--TEL--
FIRE HYDRANT		
WATER VALVE		
METERS / PULL BOXES		
REDUCER		
MANHOLE		
MISC. SYMBOLS		
CONTOUR	—00—	—00—
STREET LIGHTS		
100 W H.P.S.		
150 W H.P.S.		
200 W H.P.S.		
250 W H.P.S.		

	TO BE CONSTRUCTED	EXISTING
SCREEN / RETAINING WALL		
OVERHEAD POWER	N/A	
TRAFFIC SIGNAL BOX		
GRADE BREAK		N/A
WIRE FENCE		
FINISH FLOOR	FF=0.00	
BUILDING		
FINISH GRADE	0.00 TC	0.00 TC
DRIVEWAY APRON		
CUT OR FILL SLOPE		
A.C. PAVING		
TYPE "L" CURB & GUTTER		
TYPE "A" CURB		
CONCRETE		
STUB OUT		

AVOID CUTTING UNDERGROUND UTILITY LINES. ITS COSTLY.
Call before you Dig—
1-800-227-2600
UNDERGROUND SERVICE ALERT (U.S.A.)

AVOID OVERHEAD POWER LINE CONTACT
Call before you OVERHEAD
1-702-593-6111
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

BASIS OF BEARINGS

S 00°10'16"W, BEING THE CENTERLINE OF LAS VEGAS BOULEVARD AS PER RECORD OF SURVEY FILE 67, PAGE 24, CLARK COUNTY RECORDER'S OFF , CLARK COUNTY, NEVADA

BENCHMARK

2LV01 22SSE6 BEING A RIVET & PLATE IN TOP OF CURB, NE RETURN OWENS AVE. AND MAIN STREET.

ELEV. 1904.91'(580.62 METERS) NAVD88

LAS VEGAS FIRE DEPARTMENT

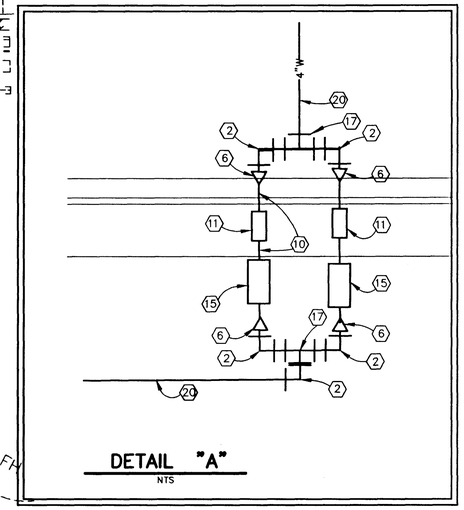
FIRE FLOW REQUIREMENT IS 2125 gallons per minute at 20 psi residual pressure.

BASED ON:

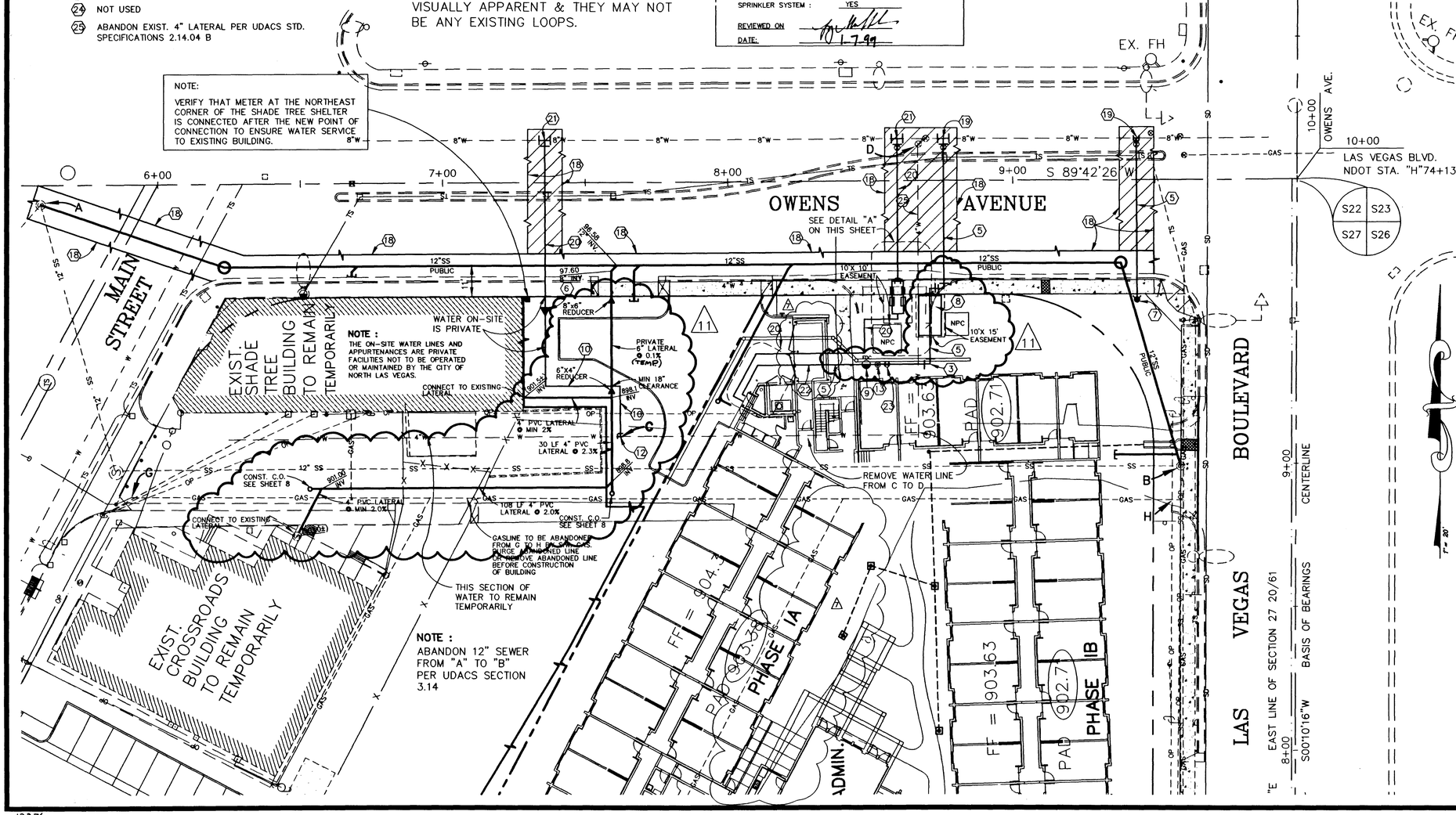
SQUARE FOOTAGE	55700	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	55700	SQUARE FEET
BUILDING HEIGHT :	31	FEET
NUMBER OF STORIES :	2 and 3	FLOORS
TYPE OF CONSTRUCTION :	TYPE V - 1 HR.	
OCCUPANCY :		
FULL AUTOMATIC FIRE SPRINKLER SYSTEM :	YES	

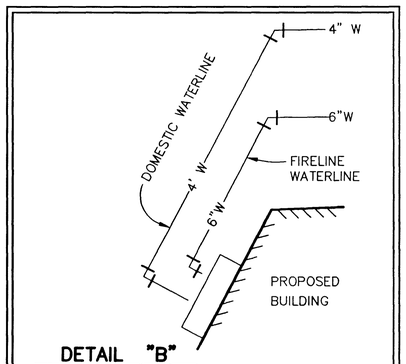
REVIEWED ON
DATE: 1-7-99

MARTIN & MARTIN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.



DETAIL "A"
NTS





DETAIL "B"
NTS

SEWER CONTRIBUTIONS

FIXTURE UNITS	983 F.U.
AVERAGE DEMAND	21,000 G.P.D.
PEAK DEMAND	69,300 G.P.D.

1·22·99
CITY OF NORTH LAS VEGAS MAINTENANCE OPERATIONS DIVISION

1/14/99
DATE

CITY OF NORTH LAS VEGAS DEVELOPMENT DIVISION (UTILITIES)

N/A
KELLY R. CHUMA P.E. DATE
MANAGER OF DEVELOPMENT AND FLOOD CONTROL

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR CONSTRUCTION; A COMMITMENT TO SUPPLY WATER SERVICE; OR AN APPROVAL OF ANY VIOLATION OF CNLV WATER SERVICE DISTRIST RULES AND REGULATIONS OR DESIGN CONTRUCTION STANDARDS.

UTIL-PL.dwg 7-1-98 2:34:44 pm

REV	DATE	BY	REVISION
1	1/5/99	KSA	REVISE WATER, TEMP SEWER LATERAL & STORM DRAIN
2	8/6/98	KSA	REMOVE PLANTER CURB & ROOF TRELLIS

ST. VINCENT'S HELP.
808 SOUTH MAIN STREET
LAS VEGAS, NEVADA 89101
(702) 385-2662

MARTIN & MARTIN
1909 SOUTH JONES BLVD. SUITE B
LAS VEGAS, NEVADA 89102
PHONE (702) 248-8000 FAX (702) 248-8070

SHEET: MASTER UTILITY PLAN

TITLE: SAINT VINCENT'S H.E.L.P. ONE & TWO HOUSING UNITS

DRAWN BY: E. WIRREY	12/16/97		
DESIGNED BY: E. WIRREY	12/16/97		
CHECKED BY: K. ANDERSON	12/17/97	SCALE: 1"= 20' HOR	
PROJECT NO. 1609.01			

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEVADA — KIRK S. ANDERSON — CIVIL — No. 3214 — 1-5-99

SHEET C-F
5 OF 0 SHEETS
C.L.V. DRAWING NO. 10-72848

THIS IS A RE-PLOT

13276

H:\CAD\1609\WORKING\Util-pl.dwg Tue Jan 05 08:35:30 1999 A. YIP

SEWER LINE CONSTRUCTION NOTES

QUANTITIES SUMMARY

LEGEND

BASIS OF BEARINGS

AREA MAP

NOTES:

1. FOR SEWER LATERAL LOCATIONS INTO MAIN, SEE SHEET 7
2. TRAFFIC DETECTOR LOOPS SHALL BE PROTECTED, IF DAMAGED, THEY WILL REPLACED. NO DETECTOR LOOPS ARE VISUALLY APPARENT & THEY MAY NOT BE ANY EXISTING LOOPS.

Call before you Dig

Call before you OVERHEAD

DETAIL "A"

DETAIL "B"

OWENS AVENUE

LAS VEGAS BOULEVARD

MAIN STREET

EXIST. SHADE TREE

EXIST. CROSSROADS BUILDING TO REMAIN TEMPORARILY

PROPOSED BUILDING

EX. FH

PHASE

MARTIN & MARTIN

MASTER UTILITY PLAN

SAINT VINCENT'S H.R.L.P.
ONE & TWO BEDROOM UNITS

CONTRACT 107F88AB