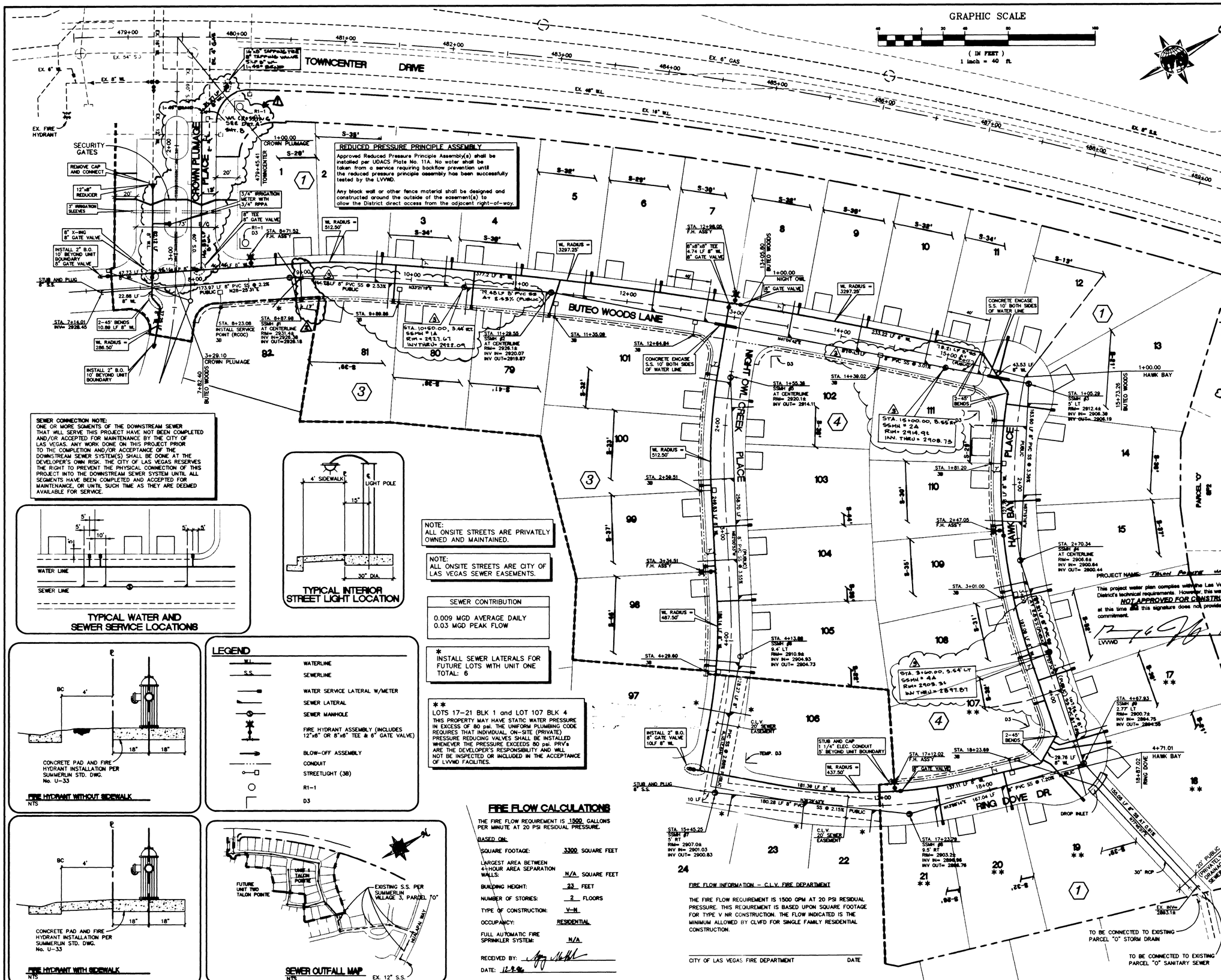


## REDUCED PRESSURE PRINCIPLE ASSEMBLY

Approved Reduced Pressure Principle Assembly(s) shall be installed per 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 LVWWD.

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.

## WATER

| ITEM | QUANTITY |
|---|---|
| 8" W.L. | 2250 LF |
| 12" x 8" REDUCER | 1 EA |
| 8" TEE | 3 EA |
| 8" CROSSING | 1 EA |
| 45° BEND | 6 EA |
| 8" GATE VALVE | 8 EA |
| 6" F.H. ASSEMBLY (INCLUDES 8"x6" TEE & 6" GATE VALVE) | 5 EA |
| 1" SERVICE LATERAL W/ 3/4" METER BOX | 38 EA |
| 1" SERVICE LATERAL W/ 3/4" METER BOX (IRRIGATION) | 1 EA |
| 2" B.O. ASSEMBLY | 3 EA |
| 3/4" RPPA | 1 EA |
| 16"x6" TAPPING TEE | 1 EA |
| 8" TAPPING VALVE | 1 EA |

THESE QUANTITIES ARE AN ESTIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR QUANTITIES FOR BIDDING PURPOSES.

SEWER CONNECTION NOTE:
ONE OR MORE SGMENTS OF THE DOWNSTREAM SEWER THAT WILL SERVE THIS PROJECT HAVE NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.




TYPICAL WATER AND SEWER SERVICE LOCATIONS




TYPICAL INTERIOR STREET LIGHT LOCATION

NOTE:
ALL ONSITE STREETS ARE PRIVATELY OWNED AND MAINTAINED.

NOTE:
ALL ONSITE STREETS ARE CITY OF LAS VEGAS SEWER EASEMENTS.

| SEWER CONTRIBUTION |
|---|
| 0.009 MGD AVERAGE DAILY<br>0.03 MGD PEAK FLOW |

* INSTALL SEWER LATERALS FOR FUTURE LOTS WITH UNIT ONE TOTAL: 6

** LOTS 17-21 BLK 1 and LOT 107 BLK 4
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 SHALL 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 LVWWD FACILITIES.

## LEGEND

| | |
|---|---|
| W.L. | WATERLINE |
| S.S. | SEWERLINE |
| | WATER SERVICE LATERAL W/METER |
| | SEWER LATERAL |
| | SEWER MANHOLE |
| | FIRE HYDRANT ASSEMBLY (INCLUDES 12"x6" OR 8"x6" TEE & 6" GATE VALVE) |
| | BLOW-OFF ASSEMBLY |
| | CONDUIT |
| | STREETLIGHT (3B) |
| | R1-1 |
| | D3 |




CONCRETE PAD AND FIRE HYDRANT INSTALLATION PER SUMMERLIN STD. DWG. No. U-33

FIRE HYDRANT WITHOUT SIDEWALK
NTS




CONCRETE PAD AND FIRE HYDRANT INSTALLATION PER SUMMERLIN STD. DWG. No. U-33

FIRE HYDRANT WITH SIDEWALK
NTS




SEWER OUTFALL MAP
NTS

## FIRE FLOW CALCULATIONS

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

BASED ON:

| | |
|---|---|
| SQUARE FOOTAGE: | 3300 SQUARE FEET |
| LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: | N/A SQUARE FEET |
| BUILDING HEIGHT: | 23 FEET |
| NUMBER OF STORIES: | 2 FLOORS |
| TYPE OF CONSTRUCTION: | V-N |
| OCCUPANCY: | RESIDENTIAL |
| FULL AUTOMATIC FIRE SPRINKLER SYSTEM: | N/A |

RECEIVED BY: [signature]

DATE: 12-9-96

FIRE FLOW INFORMATION - C.L.V. FIRE DEPARTMENT

THE FIRE FLOW REQUIREMENT IS 1500 GPM AT 20 PSI RESIDUAL PRESSURE. THIS REQUIREMENT IS BASED UPON SQUARE FOOTAGE FOR TYPE V NR CONSTRUCTION. THE FLOW INDICATED IS THE MINIMUM ALLOWED BY CLVFD FOR SINGLE FAMILY RESIDENTIAL CONSTRUCTION.

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE

LAS VEGAS VALLEY WATER DISTRICT — 2-03-97 DATE

PROJECT NAME: TALON POINTE UNIT ONE

This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

LVWWD — 12/19/96 DATE

SEE SHEET 2 FOR UTILITY NOTES

NOTE: ALL VALVES MUST BE IN THE CLOSED POSITION PRIOR TO REMOVING CAPS.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-593-6111
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

ENGINEERS SEAL — 12/4/96

| No. | REVISIONS | Date/Init. | Appr. | Date |
|---|---|---|---|---|
| 3 | ADDED SSMH'S 1A, 2A & 4A | 10/6/96 RKM | MES | 10/8/96 |
| 2 | ADDED WATER LATERAL & NOTE TO LOT #2. | 2/6/96 RMP | DJT | 2/6/96 |
| 1 | MOVED WL "T" & ADDED WATER LINE TO WS | 11/94 | DJT | 11/94 |

POST BUCKLEY, SCHUH & JERNIGAN
501 N. Green Valley Parkway, Suite 100, Henderson, Nevada 89014
Tel: 702/565-7375 Fax: 702/565-7376
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION SERVICES

J.M. PETERS NEVADA

TALON POINTE UNIT ONE UTILITY PLAN

| Job Number | Scale |
|---|---|
| 5878 | 1" = 40' |
| Drawn by: RMP/RMM | File No. 5878UP |
| Checked by: MDP | |
| Date: OCT 1996 | |
| Sheet Number: 4 OF 9 | |

C:\DWGS\5878\5878-04 Thu Dec 5 07:11:49 1996 P.B.S. & J. - RICK

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