ONSITE LIGHTING NOTE

SEE ELECTRICAL PLANS FOR LOCATION OF ALL ONSITE LIGHTING AND ASSOCIATED CONDUIT RUNS

ESTIMATED SEWER DISCHARGE

MAX DAY= 40,500 GPD
PEAK HOUR= 120,000 GPD

CLEANOUT NOTE

ALL CLEANOUTS IN PAVED AREAS SHALL HAVE VALVE BOXES, TRAFFIC BEARING LIDS AND CONCRETE COLLARS PER UPC SECTION 719.5

LEGAL DESCRIPTION

BEING A PORTION OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 20 S, RANGE 60 EAST , MDM, CLARK COUNTY NEVADA

INSTALLATION OF METER AND VAULT (2) 6"X2" FSM

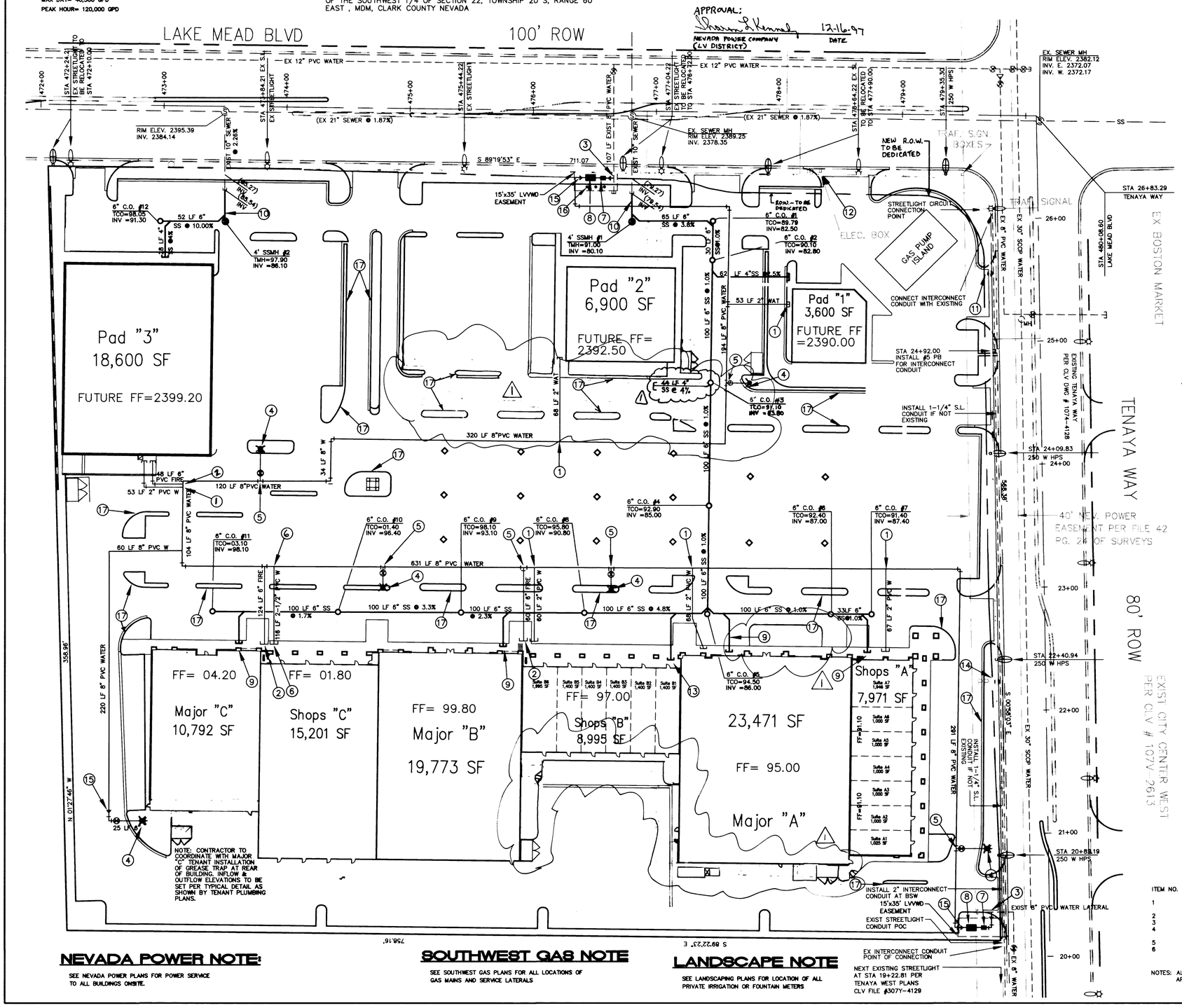
THE METER(S) AND VAULT(S) WITH NON-TRAFFIC BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE ATTTACHED DETAIL AND WITH UDACS STANDARD VAULT DRAWING C-475, LATEST REVISION.

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.

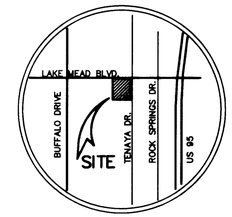
REDUCED PRESSURE PRINCIPLE ASSEMBLY (2) 6"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO.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.



VICINITY MAP



FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 1625 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

LARGEST SQUARE FOOTAGE: 23,471

LARGEST AREA BETWEEN AREA SEPARATION WALLS: 23,471
(AREA SEPARATION WALLS ARE SHOWN ON PLANS)

HEIGHT: SINGLE STORY

TYPE OF CONSTRUCTION: III-N

EXPOSURES: N A

SPRINKLER SYSTEM: YES

OCCUPANCY: COMMECIAL

ROOF CONSTRUCTION: PANALIZED WOOD DECK

CITY OF LAS VEGAS
FIRE DEPARTMENT

APPROVED BY: 11/19/97
DATE

LEGEND

- RETAINING WALL(NEW)
- EXIST. BLOCK WALL
- EXISTING IMPROVEMENTS
- INTERMEDIATE CONTOUR
- PROPOSED CONTOUR
- SCARP
- SWALE
- RIGHT OF WAY
- PROPERTY LINE
- FF — FINISHED FLOOR
- TCO — TOP OF CLEANOUT
- INV — INVERT
- LF — LINEAR FEET
- MANHOLE
- GATE VALVE
- CLEANOUT
- FIRE HYDRANT
- RELOCATED STREETLIGHT
- EXISTING STREETLIGHT

GRAPHIC SCALE
40 0 30 40 80 160
(IN FEET)
1 inch = 40 ft.

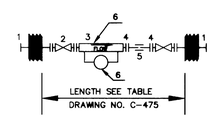
CONSTRUCTION NOTES

1. INSTALL 2" SADDLE TAP AND 2" PVC WATER LATERAL. STUB AND CAP LATERAL 5' FROM BLDG. PRIVATE WATER METERS TO BE INSTALLED SEE PLUMBING PLANS FOR CONTINUATION.
2. INSTALL 6" PVC WATER PIPE FOR SPRINKLING SYSTEM STUB & CAP 5 FEET FROM BUILDING. SEE MECHANICAL PLANS AND PLUMBING PLANS FOR CONTINUATION
3. CUT INTO EXISTING 8" PVC LATERAL AND INSTALL AN 8" PVC 90° ELBOW AND 8"x6" REDUCER
4. INSTALL STD FIRE HYDRANT ASSEMBLY PER LVVWD PLATE # 7. (INCLUDES 6" GATE VALVE)
5. INSTALL (1) 8"x6" TEE.
6. INSTALL 2-1/2" SADDLE TAP AND 2-1/2" PVC WATER LATERAL. STUB AND CAP LATERAL 5' FROM BLDG. PRIVATE WATER METERS TO BE INSTALLED WITHIN BUILDINGS. SEE PLUMBING PLANS FOR CONTINUATION
7. INSTALL (1) 6"x2" FSM COMBINATION METER
8. INSTALL 6" RPPA BACKFLOW PREVENTER
9. INSTALL 25 LF ~ 6" PVC SEWER LATERAL SDR-35 @ MIN 1.0% STUB & CAP 5' FROM BUILDING
10. EXTEND 10" SEWER PIPE 22LF SOUTH @ 2.26% TO PROPOSED PRIVATE MANHOLE. MAINTAIN SLOPE
11. RELOCATE POWER POLE OUTSIDE PROPOSED DRIVEWAY
12. RELOCATE TELEPHONE MH AND CABLE BOX OUTSIDE PROPOSED DRIVEWAY
13. INSTALL 37 LF 6" PVC SEWER @ MIN 1.0% STUB & CAP 5' FROM BLDG. SEE PLUMBING PLNAS FOR CONTINUATION
14. SEE GRADING PLAN FOR ADA ACCESS AROUND POWER POLE
15. INSTALL AN 8"x6" REDUCER
16. INSTALL 3 EQUAL SPACED BOLLARDS (PER UDACS PLATE NO. 20) INFRONT OF 6" RPPA
17. CURBING TO BE PAINTED RED FOR "NO PARKING DESIGNATION" FOR AREAS ALONG FIRE DEPARTMENT ACCESS.

PROJECT NAME: LAKE MEAD PAVILION - PD 1 + 3

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.

LVVWD 11-19-97
DATE



DRAWING NO. C-475
INSTALL IN FMCT VAULT
DO NOT OFFSET METER

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT 2-18-98
DATE

ITEM NO.	DESCRIPTION	QTY
1	FLANGED SCHED 40 FABRICATED STEEL EPOXY COATED AND LINED WALL SPOOL WITH THRUST RING.	2
2	FLANGE GATE VALVE	2
3	6"X2" NEPTUNE PROTECTUS III OR APPROVED EQUAL	1
4	FLANGED X PLAIN END SCHED 40 FABRICATED STEEL EPOXY COATED AND LINED SPOOL	2
5	SLEEVE TYPE COUPLING	1
6	INSTALL ADJUSTABLE PIPE SUPPORTS, GRINNEL NO. 264 OR APPROVED EQUAL	2

NOTES: ALL PIPING, FITTING, AND APPURTENANCES SHALL CONFORM TO APPLICABLE DISTRICT SPECIFICATIONS.

NOTICE!
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.
AVOID CUTTING UNDERGROUND UTILITIES. IT'S CONFLY.
Call BEFORE YOU Dig
1-800-227-2600
(excepted service area)

NEVADA POWER NOTE:

SEE NEVADA POWER PLANS FOR POWER SERVICE TO ALL BUILDINGS ONSITE.

SOUTHWEST GAS NOTE

SEE SOUTHWEST GAS PLANS FOR ALL LOCATIONS OF GAS MAINS AND SERVICE LATERALS

LANDSCAPE NOTE

SEE LANDSCAPING PLANS FOR LOCATION OF ALL PRIVATE IRRIGATION OR FOUNTAIN METERS

REVISION	DATE	BY	APPROVED
1	3-17-98	SKC	PJ 3-31-98

RELOCATE THE SEWER LATERAL FOR PAD C FROM THE NORTH SIDE TO THE SOUTH SIDE OF THE PAD AS SHOWN.

SUBMITTED BY: EDWARD J. TANCO, STATE OF NEVADA, PROFESSIONAL ENGINEER, REGISTERED 11/19/97

ALPHA & ENGINEERING COMPANY
50 So. Jones Blvd. Las Vegas, NV. 89107
Telephone (702) 877-1393

TITLE: UTILITY PLAN

PROJECT: LAKE MEAD PAVILION

JOB #	710508
NAME	S. CREVOISERAT
DATE	28 SEPTEMBER 1997
SCALE	1" = 40'

PAGE 3 OF 5
\710508\UTIL

C:\DWG\710508\util Tue Nov 18 14:18:40 1997

1814

107-V2789

SITE LIGHTING NOTE

CLEANOUT NOTE

ESTIMATED SEWER DISCHARGE

LEGAL DESCRIPTION

LAKE MEAD BLVD

100' ROW

Pad "3"
18,600 SF
FUTURE FF=2309.50

Pad "2"
5,900 SF
FUTURE FF=

Pad "1"
3,600 SF
FUTURE FF
=2306.00

TRAFFIC SIGN. BASE

TRAFFIC SIGNAL

EX BOSTON MARKET

TENAYA WAY

40' WIDE POWER EASEMENT PER FILE 42 PG. 28 OF SURVEYS

80' ROW

EAST CITY CENTER WEST PER CLV # 107-2513

FF= 94.20
Major "C"
10,792 SF

FF= 91.50
Shape "C"
15,201 SF

FF= 98.50
Major "B"
19,773 SF

FF= 97.00
Shape "B"
Lake Mead

23,471 SF
FF= 95.00
Major "A"

Shape "A"
7,071 SF

VICINITY MAP

LEGEND

FIRE FLOW DATA

CONSTRUCTION NOTES

LAKE MEAD

NEVADA POWER NOTE

SOUTHWEST GAS NOTE

LANDSCAPE NOTE

ALPHA & OMEGA DESIGN GROUP

UTILITY PLAN

LAKE MEAD PAVILION

3

107-VA187