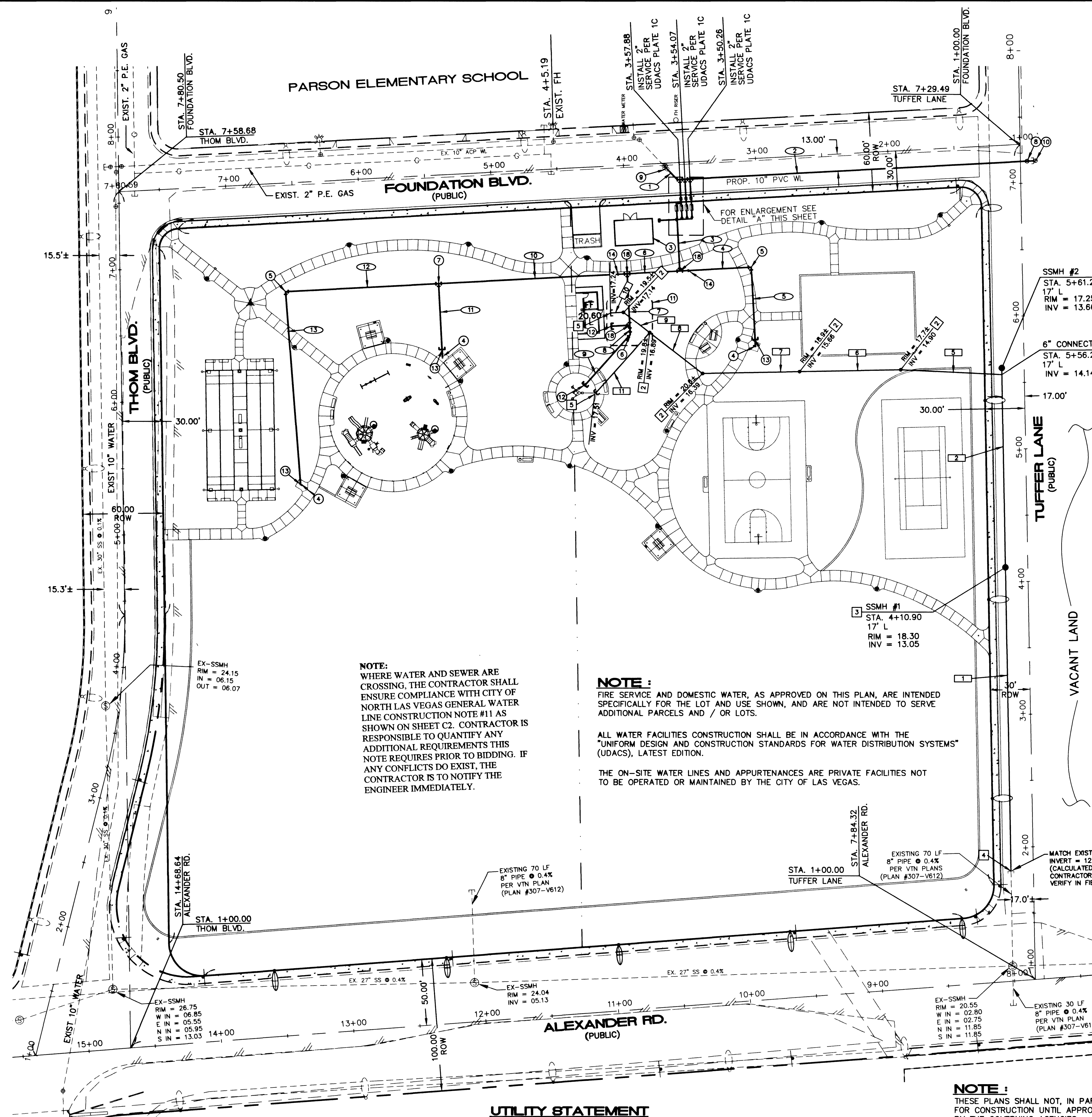




BENCHMARK:
CLV 9LVD0 1S56
RIVET AND PLATE IN TOP OF CURB, NW CORNER
ALEXANDER AVENUE AND THOM BOULEVARD
NAVD 88 ELEVATION=678.5766 METERS; 2226.30 FEET.

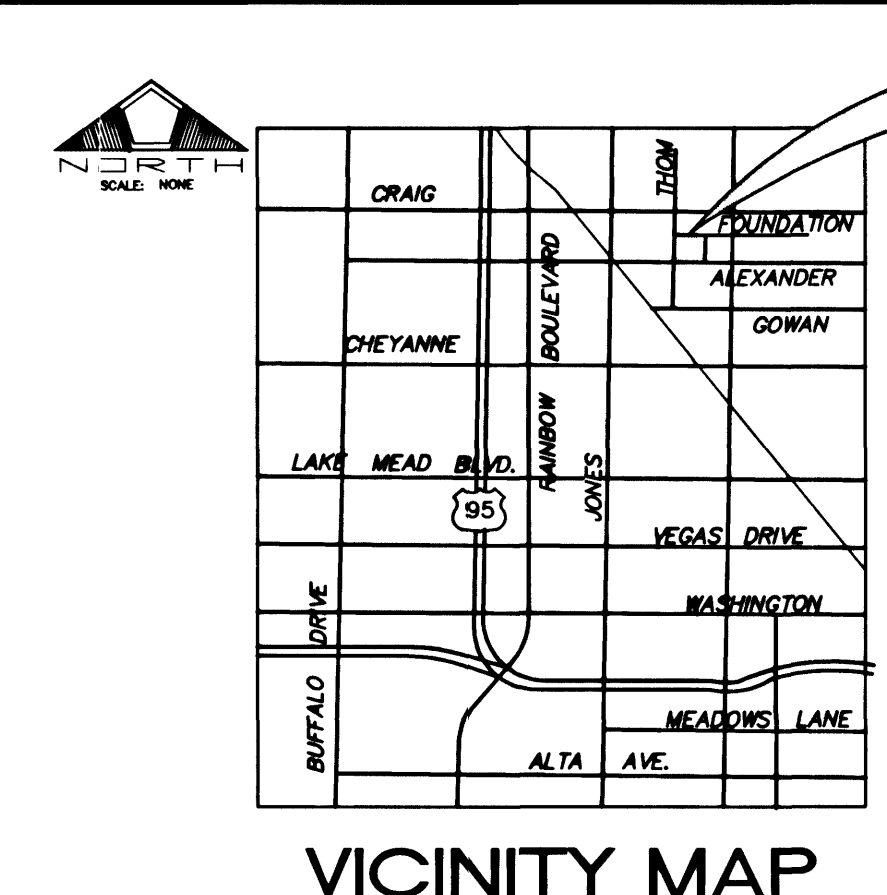
BASIS OF BEARINGS:
BEING THE EAST LINE OF SECTION 1, TOWNSHIP 20 SOUTH,
RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY,
NEVADA, ALSO BEING THE CENTERLINE OF DECATUR BOULEVARD
AS SHOWN ON PARCEL MAP IN FILE 59, PAGE 34, OFFICIAL
RECORDS, CLARK COUNTY, NEVADA.
WHICH BEARS: NORTH 01°19'47" WEST.

UTILITY STATEMENT
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND
EXISTING DRAWINGS. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN
ON THESE PLANS COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE
ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT
LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS
POSSIBLE FROM INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE
EXACT VERTICAL AND HORIZONTAL LOCATION OF THE EXISTING UNDERGROUND UTILITIES IN THE FIELD
PRIOR TO COMMENCING CONSTRUCTION.
CALL BEFORE YOU DIG 1-800-227-2800

NOTE:
THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED
FOR CONSTRUCTION UNTIL APPROVED AND SIGNED
BY THE GOVERNING AGENCIES.

SEWER CONTRIBUTION RATE			
NUMBER OF ACRES=	8.08		
AVG. DAILY FLOW PER ACRE=	2750	(GPD)	0.00275 (MGD)
TOTAL AVG. DAILY FLOW=	22220	(GPD)	0.2222 (MGD)
PEAK FACTOR=	3.4		
TOTAL PEAK DAILY FLOW=	75548	(GPD)	0.0755 (MGD)

AVG. DAILY FLOW PER ACRE PROVIDED BY TIM PARKS OF THE
CITY OF LAS VEGAS ON MARCH 29, 2002

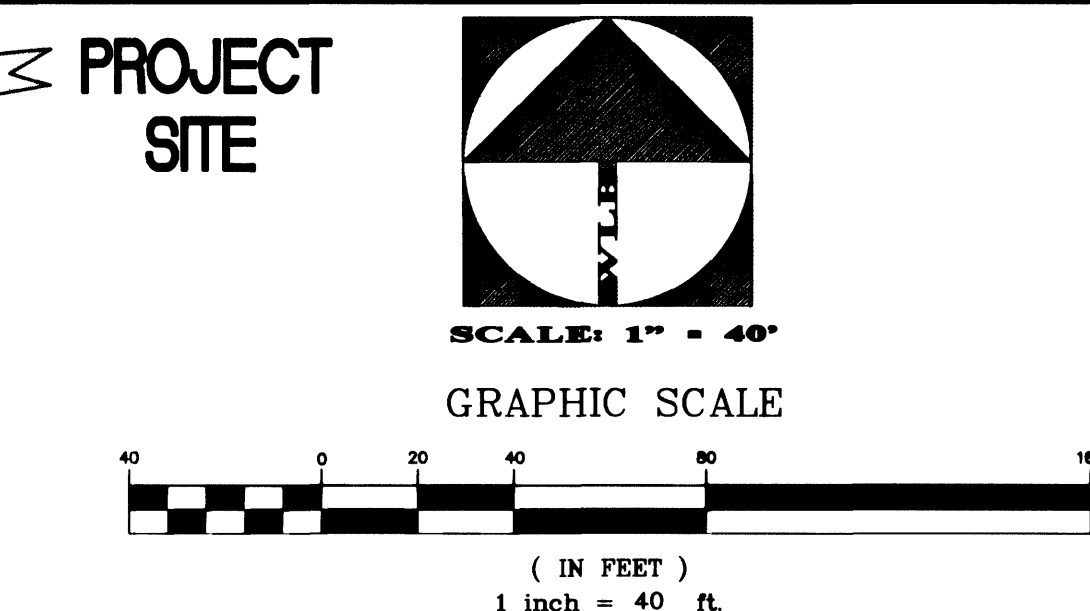


SEWER CONSTRUCTION NOTES

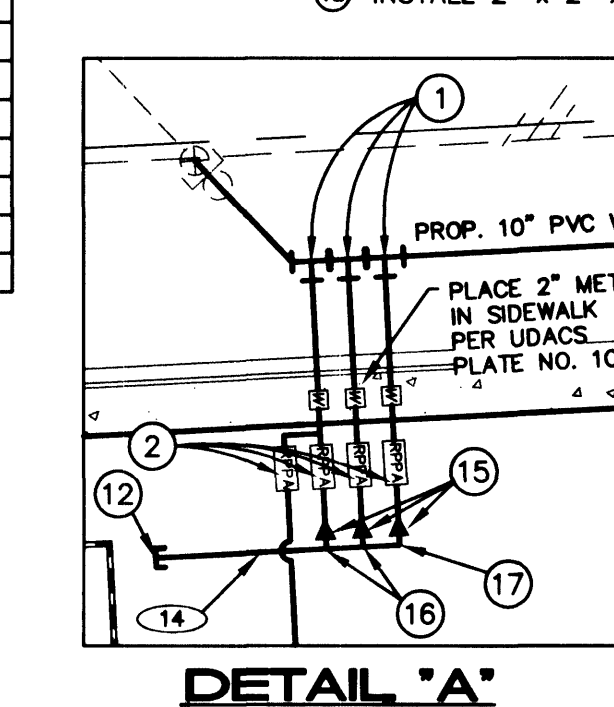
- NOT USED
- INSTALL CLEAN-OUT
- INSTALL STANDARD 48" MANHOLE
- CONNECT TO EXISTING 8" SEWER
- SEE ARCHITECTURAL PLANS FOR CONTINUATION

SEWER TABLE

PIPE	DIA. (IN)	TYPE OF PIPE	LF	SLOPE (%)
1	8	PVC-SDR-35	229.83	0.40
2	8	PVC-SDR-35	150.32	0.41
3				
4				
NOT USED				
5	6	PVC-SCH40	76.49	1.00
6	6	PVC-SCH40	76.33	1.00
7	6	PVC-SCH40	73.33	1.00
8	6	PVC-SCH40	50.40	1.00
9	6	PVC-C900	25.15	1.00
10	6	PVC-SCH40	9.70	1.00
11	6	PVC-SCH40	62.31	1.00



- WATER CONSTRUCTION NOTES**
- DESCRIPTION**
- INSTALL 2" SERVICE PER UDACS PLATE No. 1C
 - INSTALL 2" RPPA PER UDACS PLATE No. 11A
 - LANDSCAPE IRRIGATION PUMP STATION-SEE LANDSCAPE PLANS
 - INSTALL DRINKING FOUNTAIN AND SUMP PER DETAIL ON SHT. C16
 - INSTALL 1" 90° PVC BEND
 - INSTALL 2" 45° PVC BEND
 - INSTALL 1" x 1" x 1" PVC TEE
 - INSTALL 10" GATE VALVE
 - REMOVE BLOW-OFF AND CONNECT TO EXISTING 10" LINE (FIELD VERIFY LOCATION)
 - INSTALL 2" BLOW-OFF AND CAP PER UDACS PLATE No. 4
 - FOR CROSSING USE C900 WATER QUALITY PIPES PER UDACS REQUIREMENTS OR OTHER APPROVED METHOD PER UDACS OR INSPECTOR
 - SEE LANDSCAPE PLANS FOR CONTINUATION
 - CONNECT PER DRINKING FOUNTAIN DETAIL ON SHEET 16
 - INSTALL 2" x 1" PVC REDUCER
 - INSTALL 2" x 6" PVC REDUCER
 - INSTALL 6" x 6" x 6" PVC TEE
 - INSTALL 6" 90° PVC BEND
 - INSTALL 2" x 2" x 2" PVC TEE



WATER TABLE

PIPE NO.	SIZE (IN)	TYPE OF PIPE	LF
1	10	PVC-C900	14.61
2	10	PVC-C900	268.43
3	2	PVC-SCH40	45.00
4	1	PVC-SCH40	54.06
5	1	PVC-SCH40	54.76
6	2	PVC-SCH40	40.00
7	2	PVC-SCH40	38.91
8	2	PVC-SCH40	7.00
9	2	PVC-SCH40	51.41
10	1	PVC-SCH40	142.13
11	1	PVC-SCH40	49.79
12	1	PVC-SCH40	115.45
13	1	PVC-SCH40	131.75
14	6	PVC-SCH40	17.76

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	EASEMENT LINE	---
---	R/W PROPERTY LINE	---
---	CENTERLINE	---
---	PARK BOUNDARY LINE	---
---	CONTOURS	---
---	CONCRETE CURB	---
---	FINISH FLOOR ELEV.	---
---	PAID ELEVATION	---
---	DRAINAGE FLOW DIRECTION	---
---	WALL	---
---	FENCE	---
---	A.C. PAVEMENT	---
---	CONC. WALK	---
---	PARK LIGHT	---
---	GAS LINE	---
---	WATER LINE	---
---	SEWER LINE	---
---	SEWER MANHOLE	---
---	FIRE HYDRANT	---
---	VALVE	---
---	WATER METER	---
---	RPPA/DCDA	---
---	EXPANSION JOINT	---
---	TRANSFORMER	---

FIRE DEPARTMENT
FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT
20 POUNDS PER SQUARE INCH RESIDUAL.
BASED ON:
SQUARE FOOTAGE _____ 513.61 SF
LARGEST AREA BETWEEN 4-HOUR
AREA SEPARATION WALLS _____ N/A
HEIGHT _____ N/A
TYPE OF CONSTRUCTION _____ I
EXPOSURES _____ N/A
SPRINKLER SYSTEM _____ NO
OCCUPANCY _____ N/A
ROOF CONSTRUCTION _____ N/A
REVIEWED BY: _____
DATE: _____
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT
FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.

FIRE DEPARTMENT APPROVAL
APPROVAL BY THE FIRE DEPARTMENT HAVING
JURISDICTION IS REQUIRED PRIOR TO OBTAINING
FINAL APPROVAL FROM THE LVVWD.

ONLY UTILITIES DIVISION
DATE: 5/15/02
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT
OR AN APPROVAL OF ANY VIOLATION OF ONLY WATER AND/OR SEWER SERVICE
DISTRICT RULES AND REGULATIONS OR DESIGN CONSTRUCTION STANDARDS.
FOR CONSTRUCTION, A COMMITMENT TO SUPPLY WATER AND/OR SEWER SERVICE,
CITY OF LAS VEGAS FIRE MARSHAL
DATE: 5/2/02

Call before you Overhead
593-6111
OVERHEAD SERVICE ALERT
Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2800
UNDERGROUND SERVICE ALERT

CITY OF LAS VEGAS
400 E. STEWART AVE.
LAS VEGAS, NEVADA 89001
702-228-3073

PROJECT:
PARSON PARK

SHEET TITLE:
MASTER UTILITY PLAN

Drawn by:
OF

Designed by:
JPM

Checked by:
ANS

Project No.:
401040-A-001

Scale:
1" = 4'

SEAL
SCOTT D. COOLEY
CIVIL
No. 15259
NORTH LAS VEGAS, NV

SHEET
C7
C7 OF C16
DRAWING NO.
650.71