ALEXANDER ROAD

MONICA JOY LANE

SSMH #2
RIM EL.=25.50
INV IN(W)=15.71
INV IN(S)=16.44
INV OUT(E)=15.61
DEPTH=9.89'

INSTALL 8" X 8" TEE AND THRUSTBLOCK

INSTALL 8" GV

INSTALL 10 LF 8"W PLUG & CAP, 2" BLOWOFF ASSY. PER STD DWG No. 514

487 LF +/- 18"PVC SEWER @ 0.88%

REMOVE EXISTING PLUG & CAP, CONNECT TO EXIST. 18" SEWER MAIN. (INV=14.25 FEILD VERIFY)

SSMH #1
RIM EL.=24.88
INV IN(W)=14.71
INV OUT(NE)=14.51
DEPTH=10.4'

94 LF 18" SS @ 0.96%

34 LF 18"S @ 0.88%

45 LF 18"S

EXISTING SSMH
RIM EL.=24.55
INV IN(SW)=13.88
INV OUT(E)=13.80
DEPTH=10.75'

115 LF 18" SS @ 1%

18"S.S.

E 1/16 COR.

INSTALL TEE W/8"GV & 10' EXT. CAP

INSTALL THRUSTBLOCK PER STD DWG No.512 (TYPICAL)

BEGIN CONSTRUCTION — WATER MAIN EXTENSION; REMOVE PLUG AND CONNECT TO EXISTING 8" WATER MAIN

EXISTING FIRE HYDRANT

CUT FOR TEMPORARY CONSTUCTION WATER & FIRE HYDRANT

129 LF 8"W

10" PVC SEWER

8" WATER

JUDY COURT

LEO DRIVE

THOM BLVD.

60'

BIG RIVER AVENUE

496 LF 8"W

420 LF +/- 8"SS @ 0.98%

INSTALL TWO 8" GATE VALVES

115 LF 8"W

104 LF +/- 8"SS @ 0.72%

INSTALL 90° FITTING

SSMH #10
RIM EL.=26.98
INV IN(S)=20.22
INV OUT(W)=20.02
DEPTH=8.90'

INSTALL 8"X 8"TEE WITH THRUSTBLOCK

INSTALL 2" LATERAL W/ 2" METER.

INSTALL FIRE HYDRANT PER STD DWG No.516

SSMH #3
RIM EL.=20.62
INV IN(E)=19.50
INV IN(W)=19.50
INV OUT(N)=19.30
DEPTH=7.32'

SSMH #4
RIM EL.=29.48
INV IN(W)=22.54
INV OUT(E)=22.44
DEPTH=7.0'

PARK

RANCHO SAN MIGUEL UNIT 2

WIDE RIVER STREET

285 LF +/- 8"PVC SEWER @ 0.65%

INSTALL FIRE HYDRANT PER STD.DWG.No.516

INSTALL FIRE HYDRANT PER STD DWG No.516

INSTALL 8" GATE VALVE

42 LF 8"W

INSTALL 90° FITTING & THRUST BLOCK

COLD RIVER AVENUE

412 LF 8"W

8"PVC SEWER @ 0.70%

400 LF +/- 8"PVC SEWER @ 0.70%

SSMH #9
RIM EL.=31.25
INV IN(W)=26.60
INV OUT(E)=24.50
DEPTH=6.75'

SSMH #6
RIM EL.=28.61
INV IN(W)=21.90
INV OUT(N)=21.70
DEPTH=6.90'

RANCHO SAN MIGUEL UNIT 3

NOTE 1

22+00
21+00
20+00
19+00
18+00
17+00
16+00

NOTES
1. ALL ON-SITE STREETS ARE PRIVATE W/PUBLIC UTILITY EASEMENT & PUBLIC SEWER EASEMENT

LAS VEGAS FIRE DEPARTMENT

Fire Flow Requirements is 1500 gallons per minute at 20 pounds per square inch residual.

BASED ON:

Square footage: 2500 SF SFR

Largest area between area separation walls: 3000 SF (MAX) SFR

Height: 20'

Type of Construction: V-N

Exposures:

Sprinkler System: NONE

Roof Construction: TILE

Reviewed By:

Date:

1" = 40'

40 20 0 40 80 120 160

VICINITY MAP

ALEXANDER ROAD
PROJECT LOCATION
UNIT 2
UNIT 3
GILMORE AVE.
BRADLEY ST.
DECATUR
THOM BLVD.
RANCHO

3/30/94

SUMMIT ENGINEERING CORPORATION
CONSULTING ENGINEERS AND SURVEYORS
3 JOHN MUIR DR. SUITE 103, HENDERSON, NEVADA 89014
PHONE (702) 262-2626 FAX (702) 262-2627

DESIGNED BY: BL/CGT
DRAWN BY: LFG
CHECKED BY: CGT

REV.	DATE	DESCRIPTION	BY	APP'D
1	5/26/94	ADDED NOTE 1	KKA	KKA
2	9/01/94	ADDED 2"METER W/SSERV. LATERAL	CGT	CGT
3	8/29/94	REVISED METER TO 1"	CGT	CGT
4	8/29/94	REVISED METER TO 2"	CGT	CGT

RANCHO SAN MIGUEL UNIT 2
UTILITY PLAN EAST HALF

LAS VEGAS
CLARK COUNTY
NEVADA

SCALE
HORIZ. 1"=40'
VERT. NONE

JOB NO. 70648

SHEET 9 OF 15

PROFESSIONAL ENGINEER
CESSE
No. 6159
CIVIL
STATE OF NEVADA

3074-4/123-3