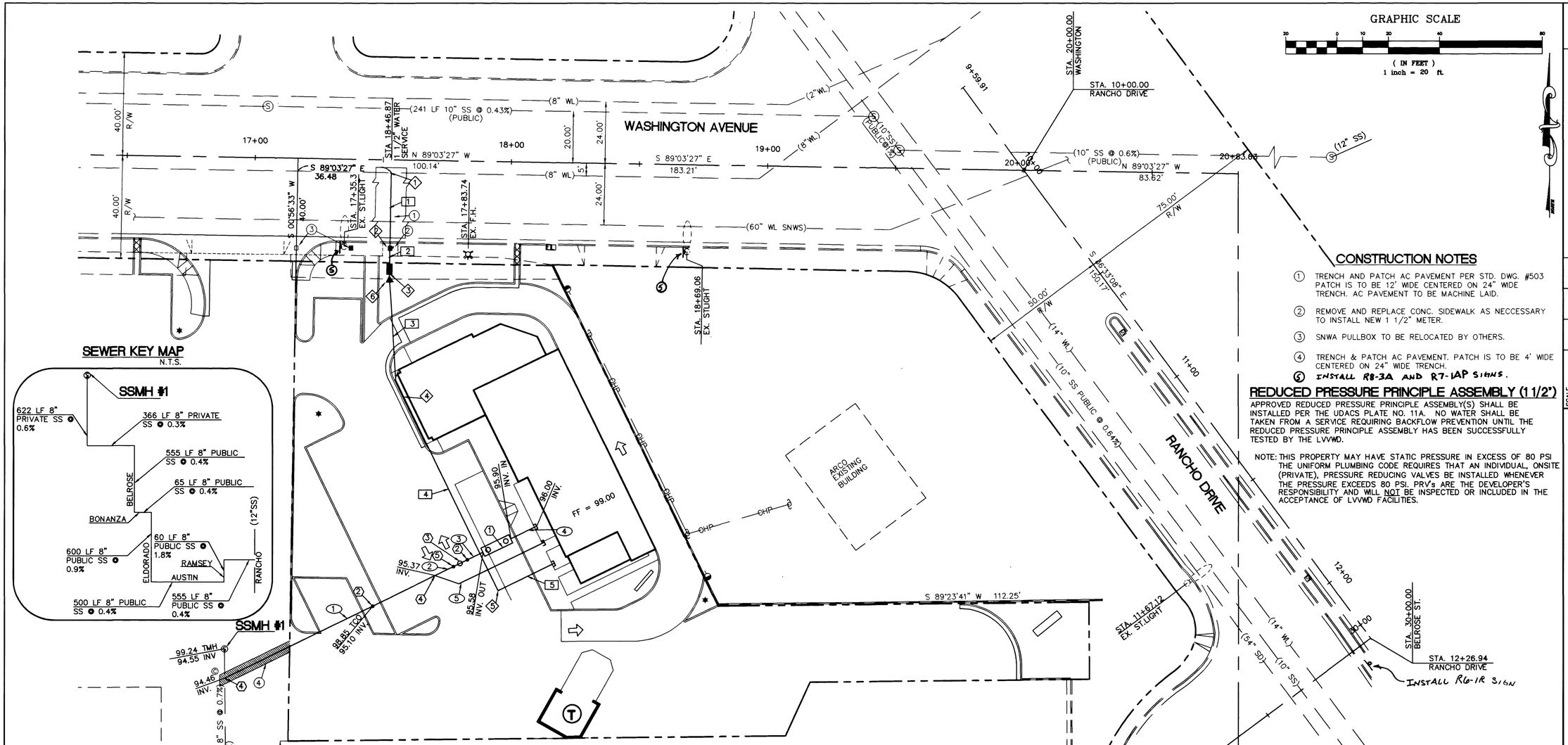

CONSTRUCTION NOTES

1. TRENCH AND PATCH AC PAVEMENT PER STD. DWG. #503 PATCH IS TO BE 12' WIDE CENTERED ON 24" WIDE TRENCH. AC PAVEMENT TO BE MACHINE LAID.
2. REMOVE AND REPLACE CONC. SIDEWALK AS NECCESSARY TO INSTALL NEW 1 1/2" METER.
3. SNWA PULLBOX TO BE RELOCATED BY OTHERS.
4. TRENCH & PATCH AC PAVEMENT. PATCH IS TO BE 4' WIDE CENTERED ON 24" WIDE TRENCH.
5. INSTALL R8-3A AND R7-1AP SIGNS.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1 1/2")

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE 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 LVVWD.

NOTE: THIS PROPERTY MAY HAVE STATIC PRESSURE IN EXCESS OF 80 PSI THE UNIFORM PLUMBING CODE REQUIRES THAT AN INDIVIDUAL, ONSITE (PRIVATE), PRESSURE REDUCING VALVES 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 LVVWD FACILITIES.

NOTE: SOUTHERN NEVAD WATER SYSTEM (SNWS) FACILITIES ARE LOCATED IN THE AREA OF THIS PROJECT AND IT IS REQUIRED THAT THEY BE INCLUDED IN THE COORDINATION AND APPROVAL PROCESS PRIOR TO DISTRICT SIGNATURE. IF YOU HAVE NOT ALREADY DONE SO, YOU MAY CONTACT SNWS AT: SOUTHERN NEVADA WATER SYSTEM, 243 LAKE SHORE RD., BOULDER CITY, NV. 89005 (702) 564-7697

Don Jacobson 2-5-97
DON JACOBSON DATE

NOTE: FOR CITY OF LAS VEGAS SEWER, STREET LIGHT AND FIRE DEPARTMENT NOTES SEE NOTE SHEET C2.

NOTE: ALL ONSITE SEWER LINES ARE PRIVATELY OWNED AND MAINTAINED.

BENCHMARK

2LV01 29C4 RIVET & PLATE IN TOP OF CURB, SW RETURN WASHINGTON AVENUE AND RANCHO DRIVE.

ELEV: 2096.55 CITY OF LAS VEGAS BENCHMARK (NAVD 88)

FIREFLOW DATA

FIRE FLOW REQUIREMENT IS : 1,750 gpm AT 20 psi RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE : 3,900± SQUARE FEET

LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: N/A SQUARE FEET

BUILDING HEIGHT: 12 FEET

NUMBER OF STORIES : 1 FLOORS

TYPE OF CONSTRUCTION : V-N HR

OCCUPANCY : RESTAURANT

FULL AUTOMATIC FIRE SPRINKLER SYSTEM : NONE

REVIEWED BY : [signature]

DATE : 2-28-97

LAS VEGAS VALLEY WATER DISTRICT

LVVWD 2-28-97 DATE

WATER CONSTRUCTION NOTES

1. INSTALL 1 1/2" SERVICE SADDLE W/ CORP STOP PER UDACS PL. NO. 1D
2. INSTALL 1 1/2" METER PER UDACS PL. NO. 1D
3. INSTALL 1 1/2" RPPA PER UDACS PL NO. 11A
4. INSTALL 2" 22.5° BEND W/T.B. PER UDACS PL. #5
5. INSTALL 2" 90° BEND W/T.B. PER UDACS PL. #5
6. INSTALL 2" X 1 1/2" REDUCER PER UDACS PL. #3

SEWER CONSTRUCTION NOTES

1. INSTALL 3.5'x12' GREASE INTERCEPTER (REFER TO MECH. PLANS)
2. INSTALL 6" SEWER CLEANOUT.
3. INSTALL JENSEN SAMPLING BOX MODEL 2432-Z OR APPROVAL EQUIVALENT.
4. INSTALL 6"x6" WYE
4. INSTALL 2" VENT PER MECH. PLANS

WATER TABLE

PIPE	SIZE (IN)	TYPE	LF
1	1 1/2	COPPER	30
2	1 1/2	COPPER	5
3	2	SCH40	41
4	2	SCH40	86
5	2	SCH40	24

SEWER TABLE

PIPE	SIZE (IN)	LF	SLOPE (%)
1	6	64'	1
2	6	38'	1
3	6	10'	1
4	6	23'	1
5	6	37'	1.7

SEWER FLOW RATES

* AVE. FLOW = 1260 gpd = 0.875 gpm
** PEAK FLOW = (0.875 gpm)(3.4) = 2.975 gpm

*BASED ON (.72 ACRES)(1750 gpad)
**BASED ON (3.4)(AVERAGE FLOW)

PROJECT NAME: McDonald's @ Rancho & Washington

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.

[signature] 1/31/97
LVVWD DATE

REV.	BY	DATE	DESCRIPTION	APPROV'D

SCALE 1"=20'
ACCT NO. 30-22734
F.B. NO.
DESIGN W.L.W.
DRAWN T.N.S.
CHECKED J.H.C.
DATE 1/29/97

UTILITY PLAN FOR McDONALD'S • RANCHO AND WASHINGTON

CPS
CONSULTING ENGINEERS OF NEVADA, INC.
CALDWELL RICHARDS SORENSEN
4280 S. MARYLAND PARKWAY
LAS VEGAS, NEVADA 89119
PHONE (702)737-3407
FAX (702)737-3394

PROFESSIONAL ENGINEER JAMES H. CHILDS 1/31/97 CIVIL No. 11117 STATE OF NEVADA
ENGINEER'S SEAL

SHEET C5 OF 6
DRWG. NO. 2734

1/29/97 T.N.SANDERS 27340T

898

107-V2608

GRAPHIC SCALE

WASHINGTON AVENUE

RANCHO DRIVE

DRIVE-THRU MAP

DRIVE-THRU

DRIVE-THRU

DRIVE-THRU