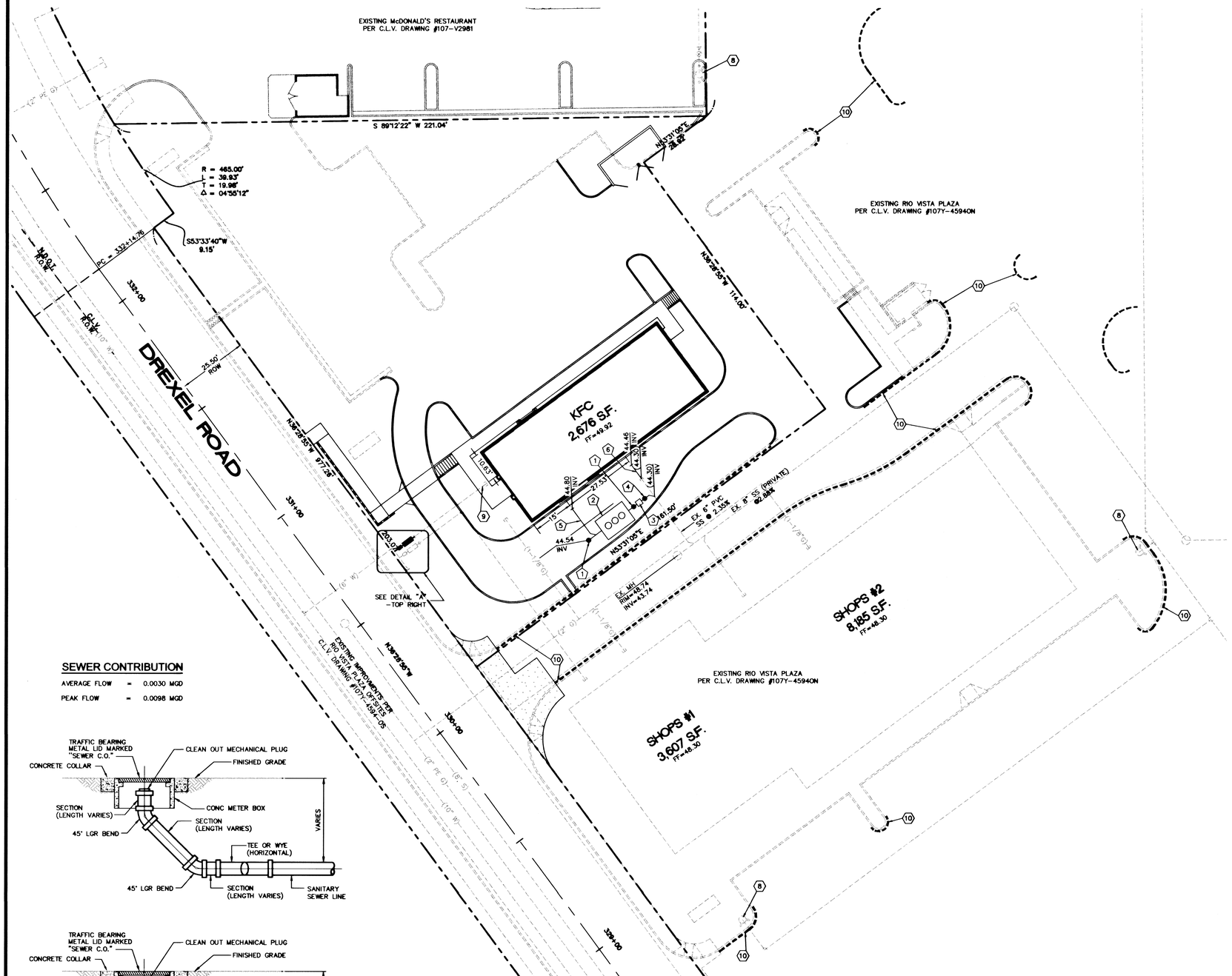
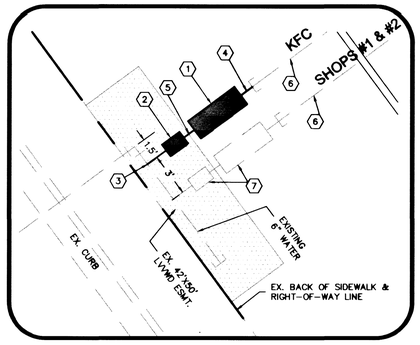



NORTH

SCALE: 1" = 20'

SCALE 20 0 20 40 FEET



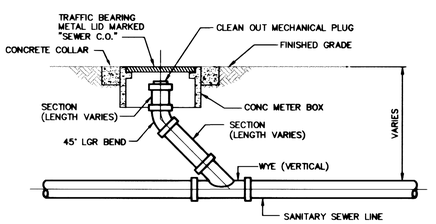

DETAIL "A"
NOT TO SCALE

## SEWER CONTRIBUTION

AVERAGE FLOW = 0.0030 MGD

PEAK FLOW = 0.0098 MGD




SEWER CLEANOUT DETAIL
NOT TO SCALE

PROJECT NAME: Kentucky Fried Chicken Rio Vista Pad C-5

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.

Barry Lang 03/30/00
LVVWD DATE

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 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.

## DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

## NOTE

ALL ON-SITE SEWERS ARE PRIVATELY OWNED AND MAINTAINED.

## REDUCED PRESSURE PRINCIPLE ASSEMBLY – (1-1/2")

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS STANDARD PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REQUIRED 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.

## WATER CONSTRUCTION NOTES AND QUANTITIES

| | | |
|---|---|---|
| 1 | INSTALL 1.5" RPPA PER UDACS PL# 11A | 1 EA |
| 2 | INSTALL 1.5" WATER METER PER UDACS PL# 1D | 1 EA |
| 3 | INSTALL 1.5" DOMESTIC WATER SERVICE SADDLE WITH CORP. STOP PER UDACS PL # 1D | 1 EA |
| 4 | INSTALL 1.5" PVC WATER LINE | 2 LF |
| 5 | INSTALL 1.5" COPPER WATER LINE | 4 LF |
| 6 | EX. 1.5" PVC WATER LINE | |
| 7 | PROPOSED 1.5" WATER METER AND 1.5" RPPA BY OTHERS | |
| 8 | EX. FIRE HYDRANT | |
| 9 | SEE ARCHITECTURAL PLANS FOR CONTINUATION | |
| 10 | EX. FIRE ACCESS ROUTE CURB PAINTED RED, AND SIGNAGE POSTED PER CLV FIRE DEPT. REQUIREMENTS | |

## SEWER CONSTRUCTION NOTES AND QUANTITIES

| | | |
|---|---|---|
| 1 | INSTALL 6" SEWER CLEANOUT PER DETAIL THIS SHEET | 2 EA |
| 2 | INSTALL 1,200 GALLON GREASE INTERCEPTOR (REFER TO PLUMBING PLANS) | 1 EA |
| 3 | INSTALL JENSEN SAMPLING BOX MODEL 2432-Z OR APPROVED EQUIVALENT | 1 EA |
| 4 | INSTALL 2" VENT PER PLUMBING PLANS | 1 EA |
| 5 | INSTALL 6" PVC SEWER (SDR 35) @2.00% | 30 LF |
| 6 | INSTALL 6" PVC SEWER (SDR 35) @2.35% | 7 LF |

## FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS : 1,500 gpm AT 20 psi RESIDUAL PRESSURE.

BASED ON:
SQUARE FOOTAGE : 2,676 SQUARE FEET

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

BUILDING HEIGHT: 18.5 FEET

NUMBER OF STORIES : 1 FLOOR

TYPE OF CONSTRUCTION : V-N

OCCUPANCY : COMMERCIAL (A3)

FULL AUTOMATIC FIRE SPRINKLER SYSTEM : NONE

REVIEWED BY :

DATE : 3.30.00

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT DATE

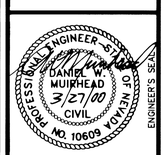
| REV. # | BY | DATE | DESCRIPTION | APPROVAL |
|---|---|---|---|---|
| | | | | |

SCALE (H) 1"=20'
SCALE (V) NONE
DESIGN BY DM
DRAWN BY JAS

TETRA SouthWest
309 W. Lake Mead Dr. • Henderson, Nevada 89015
Phone: (702) 567-1820 • Fax: (702) 567-1821

KENTUCKY FRIED CHICKEN
RIO VISTA PLAZA

# UTILITY PLAN




SHEET
C5
5 OF 6 SHEETS

JOB# 2K001
107-V3233

21675

Plotted: 27-MAR-2000 10:18:52 By: Dan
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