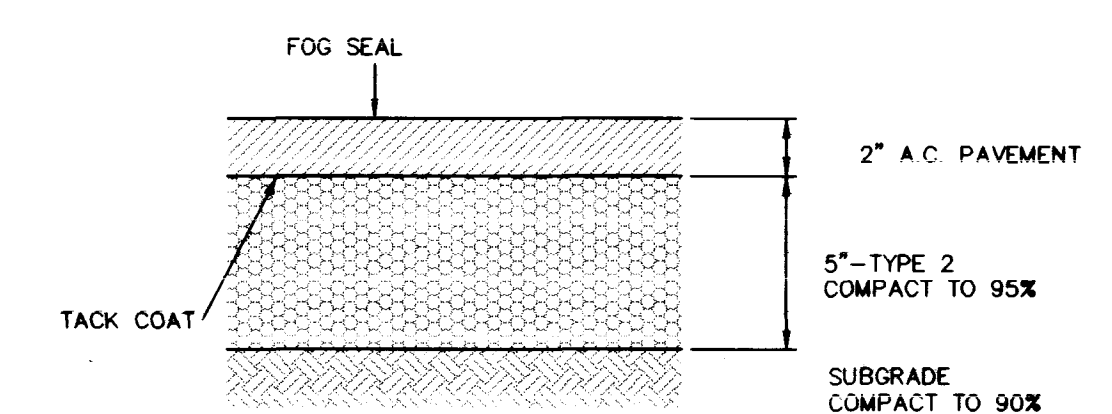


C
3 CONCRETE SECTION
NO SCALE



F
3 ON-SITE PAVEMENT SECTION
NO SCALE

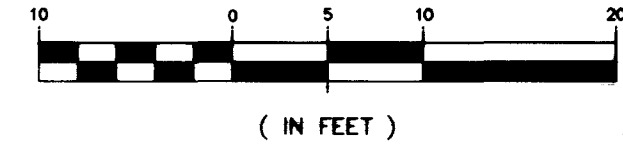
RAMP DATA

RAMP	"A"	"B"
R-1	8.00'	8.00'
R-2	8.00'	8.00'

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	2.00'	3.14'	2.00'	90°00'00"
C2	2.50'	3.93'	2.50'	90°00'00"
C3	2.00'	3.14'	2.00'	90°00'00"
C4	25.00'	40.47'	26.23'	92°45'20"
C5	15.00'	21.07'	12.70'	80°29'54"
C6	2.50'	3.70'	2.29'	84°54'03"

GRAPHIC SCALE



OFF-SITE QUANTITIES

- 6" SEWER LINE 41 LF
- 1" WATER SERVICE WITH 1" METER 1 EA
- 1" RPPA 1 EA
- POWER CONNECTION 1 EA
- TELEPHONE CONNECTION 1 EA
- L TYPE CURB & GUTTER 27 LF
- CROSS GUTTER 523 SQ FT
- 4" SIDEWALK 279 SQ FT
- HANDICAP RAMP 2 EA
- SIDEWALK UNDERDRAIN 1 EA
- TYPE II AGGREGATE BASE 111 CU YDS
- 3" AC PAVEMENT 210 SQ YDS

1" REDUCED PRESSURE PRINCIPLE ASSEMBLY

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY 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.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.
 BASED ON:
 SQUARE FOOTAGE: 2701 SQUARE FEET
 LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 2701 SQUARE FEET
 BUILDING HEIGHT: 14 FEET
 NUMBER OF STORIES: 1 STORY
 TYPE OF CONSTRUCTION: V-N
 OCCUPANCY: F-2, B
 FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO
 REVIEWED BY: Amy Chang
 DATE: 2/9/99

CONSTRUCTION NOTES

- CONST BUILDING PER ARCH PLANS
- CONST CONC PER DETAIL (F)
- CONST A TYPE CURB PER STD DWG 219
- CONST L TYPE CURB & GUTTER PER STD DWG 216
- CONST UNDERWALK DRAIN PER STD DWG 236
- CONST VALLEY GUTTER PER STD DWG 228
- CONST 5" SIDEWALK PER STD DWG 234
- CONST HANDICAP RAMP PER STD DWG 235, CASE 1 - SEE RAMP DATA TABLE
- CONST TRASH ENCLOSURE PER SILVER STATE STANDARDS NOT USED
- CONST VAN ACCESSIBLE HC PARKING SPACE WITH SIGN STRIPE STANDARD PARKING SPACE
- CONST AC PAVING PER DETAIL (F)
- CONST R1-1 SIGN AND POLE REPOSITION AS REQUIRED
- CONST 1" WATER LINE AND 1" WATER METER PER UDACS PLATE 1D
- CONNECT TO 8" WATER LINE PER UDACS PLATE 1D, PLATE 6B
- CONST 1" RPPA PER UDACS PLATE 11A
- CONST PAVING PATCH PER STD DWG 503
- CONST 6" SEWER LATERAL
- CONST CLEANOUT
- CONNECT TO 8" SEWER LINE PER STD DWG SD-17, SD-16A
- CONST PAVING PATCH PER STD DWG 503

LANDSCAPING LEGEND

- 5 GAL SHRUB (14)
- 24" BOX TREE (5)

DREW DENTAL CENTER
 APPROVED FOR CONSTRUCTION ESN:018

Bonnie Cliff
 LAS VEGAS VALLEY WATER DISTRICT
 (SHP 143) DATE 2/09/99

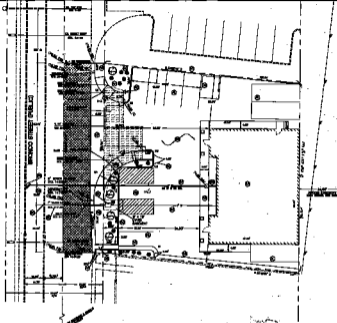
PROJECT NAME: DREW DENTAL CENTER
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

LVVWD *[Signature]* DATE 2/03/99

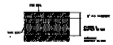
BRECHLER & BELL CONSULTING ENGINEERS, INC.
 CIVIL ENGINEERING
 10 WEST BROOKS AVENUE
 NORTH LAS VEGAS, NEVADA 89030
 702/642-5362
 702/642-5363

PROFESSIONAL ENGINEER - STATE OF NEVADA
 CHARLES P. BRECHLER
 No. 1209

DREW DENTAL CENTER
 SHEET TITLE: PLOT & UTILITY PLAN
 JOB TITLE: DREW DENTAL CENTER
 SHEET NO. 3 OF 3
 FIELD BOOK NO. 107-V3017
 DISK NO. 3
 DATE 12/28/98
 DESIGN 10/14/98
 DRAWN CPB
 CHECKED
 PLOTTED 12/28/98
 SCALE
 HORIZ. 1"=10'
 VERT. 1"=10'
 JOB NO. 98999
 SHEET NO. 3 OF 3



① CONCRETE SECTION
AS SHOWN



② ON-SITE PAVEMENT SECTION
AS SHOWN

N



OFF-SITE QUANTITIES

CONCRETE	100.00	YD
GRAVEL	100.00	YD
PIPE	100.00	FT
MANHOLE	100.00	NO.
VALVE	100.00	NO.

FIRE FLOW CALCULATION

AREA OF PROTECTION	100.00	SQ. FT.
MIN. FIRE FLOW	100.00	GPM
MIN. FLOW	100.00	GPM
MIN. PRESSURE	100.00	PSI
MIN. FLOW	100.00	GPM
MIN. PRESSURE	100.00	PSI

1. FINISH FLOOR FINISH AS SHOWN

2. FINISH FLOOR FINISH AS SHOWN

CONSTRUCTION NOTES

1. FINISH FLOOR FINISH AS SHOWN

2. FINISH FLOOR FINISH AS SHOWN

3. FINISH FLOOR FINISH AS SHOWN

4. FINISH FLOOR FINISH AS SHOWN

5. FINISH FLOOR FINISH AS SHOWN

6. FINISH FLOOR FINISH AS SHOWN

7. FINISH FLOOR FINISH AS SHOWN

8. FINISH FLOOR FINISH AS SHOWN

9. FINISH FLOOR FINISH AS SHOWN

10. FINISH FLOOR FINISH AS SHOWN

1. FINISH FLOOR FINISH AS SHOWN

2. FINISH FLOOR FINISH AS SHOWN

3. FINISH FLOOR FINISH AS SHOWN

4. FINISH FLOOR FINISH AS SHOWN

5. FINISH FLOOR FINISH AS SHOWN

6. FINISH FLOOR FINISH AS SHOWN

7. FINISH FLOOR FINISH AS SHOWN

8. FINISH FLOOR FINISH AS SHOWN

9. FINISH FLOOR FINISH AS SHOWN

10. FINISH FLOOR FINISH AS SHOWN

LANDSCAPING NOTES

1. FINISH FLOOR FINISH AS SHOWN

2. FINISH FLOOR FINISH AS SHOWN

PLAT & UTILITY PLAN

DATE: 10/10/10

SCALE: AS SHOWN

PROJECT NO: 101010

CLIENT: ABC COMPANY

DESIGNER: DEF ENGINEERS

CHECKED: GHI ARCHITECTS

APPROVED: JKL ENGINEERS

101010