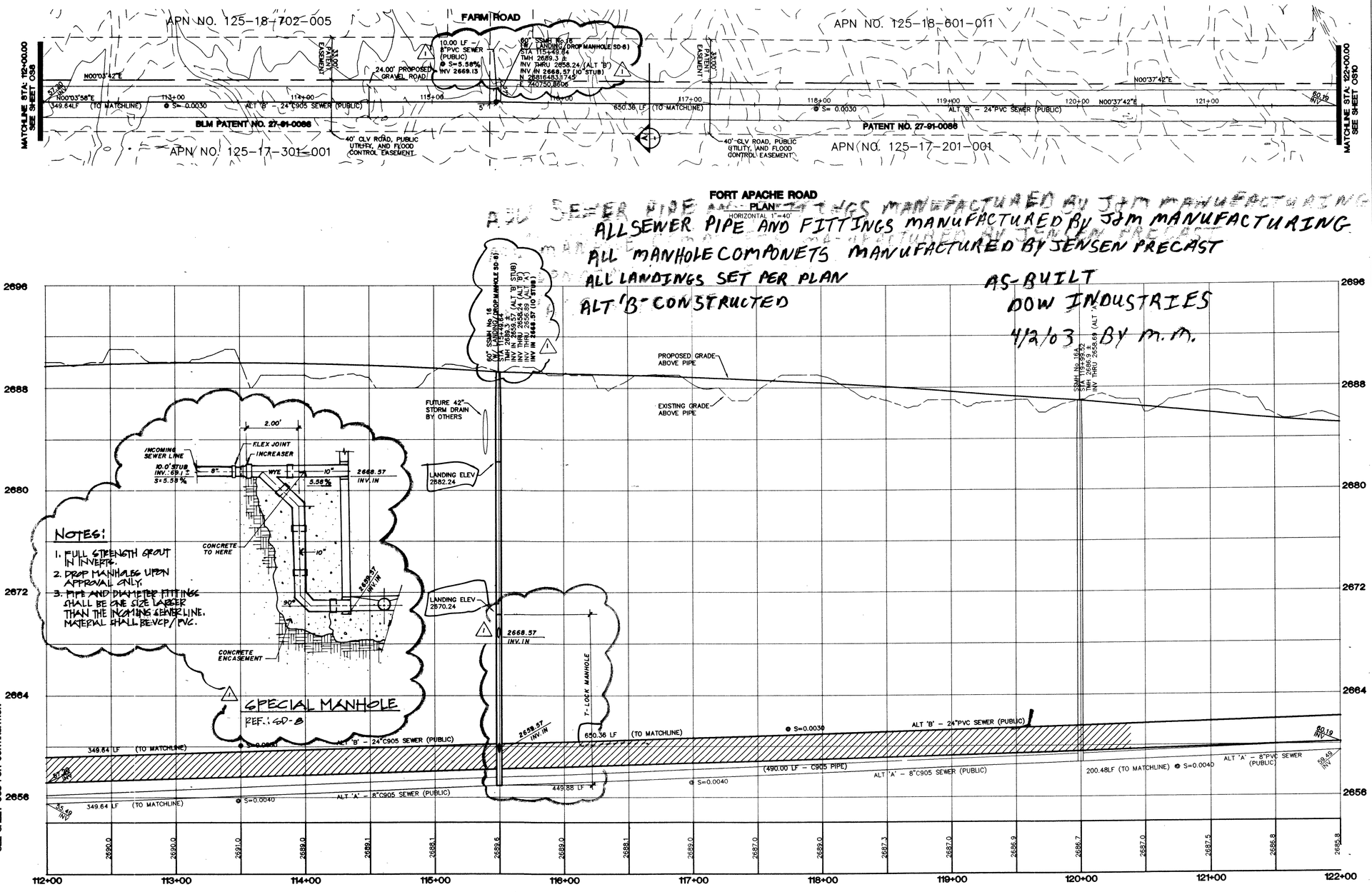
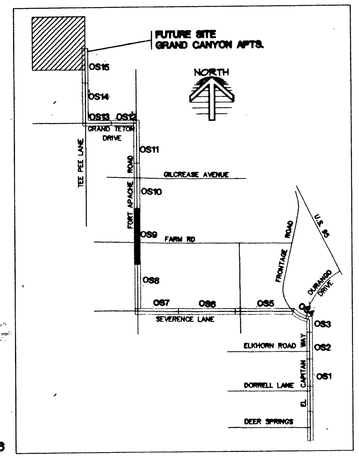




VICINITY MAP
N.T.S.

BENCHMARK
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CLARK COUNTY BENCHMARK: OC9017N6
NAVD88 ELEVATION: 799.117 METERS (2621.77 FEET)
RIVET AND SQUARE ALUMINUM PLATE IN TOP CENTER OF HEADWALL ON THE WEST SIDE OF U.S. 95 NEAR MILE MARKER 90.15.

BASIS OF BEARING:
N 89°09'50" W-BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 7, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN BOOK 114 OF SURVEYS, AT FILE 57.

NOTE:
EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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 LOCATIONS.
CALL BEFORE YOU DIG: 1 (800) 227-2600.

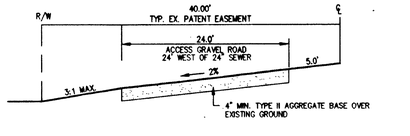
CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

PROFILE
HORIZONTAL 1"=40'
VERTICAL 1"=4'

NOTE:
ALTERNATE 'A' SEWER DESIGN IS FOR BIDDING PURPOSES ONLY. ALT 'B' TO BE CONSTRUCTED.

NOTE:
FOR MANHOLE DEPTHS OVER 18', SEE DETAIL SHEET OS3.

NOTE:
MANHOLES SHALL HAVE AN APPROVED LOCKING COVER PER PARAGRAPH 2.2.9 OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS.



ACCESS GRAVEL ROAD
NOT TO SCALE

Avoid cutting underground utility lines. It's costly.
Call before you **Dig** 1-800-227-2600

Avoid overhead power line contact. It's costly.
Call before you **Overhead** 1-702-593-6111

51476

NORTH

GRAPHIC SCALE
40 0 20 40 80
1 inch = 40 ft.

REV	DATE	BY	REVISION
1	10-31-02	BH	ADD SPECIAL DROP MANHOLE PER SD-8

GRAND CANYON PARTNERS, LLC.
3320 NORTH BUFFALO DRIVE SUITE 203
LAS VEGAS, NEVADA 89129
(702)395-2050

CITY OF LAS VEGAS

vtn nevada
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2597
CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

FORT APACHE ROAD
112+00.00 - 122+00.00

GRAND CANYON APARTMENTS
OFF-SITE SEWER

DRAWN BY: DF JAN 2002
DESIGNED BY: BF JULY 2001
CHECKED BY:
PROJECT NO: 6036-OS
SCALE: 1"=40' HORIZ. 1"=4' VERT.

EXPIRES 06-30-03
PROFESSIONAL ENGINEER STATE OF NEVADA
DANIEL J. HOOD
No. 12811
CIVIL
4-17-02

SHEET
OS9
12 OF 18 SHEETS

DRAWING NO.
107-Y 3625-05

H:\6036\6036-OS\6036A-OS5WR.DWG (OS9)