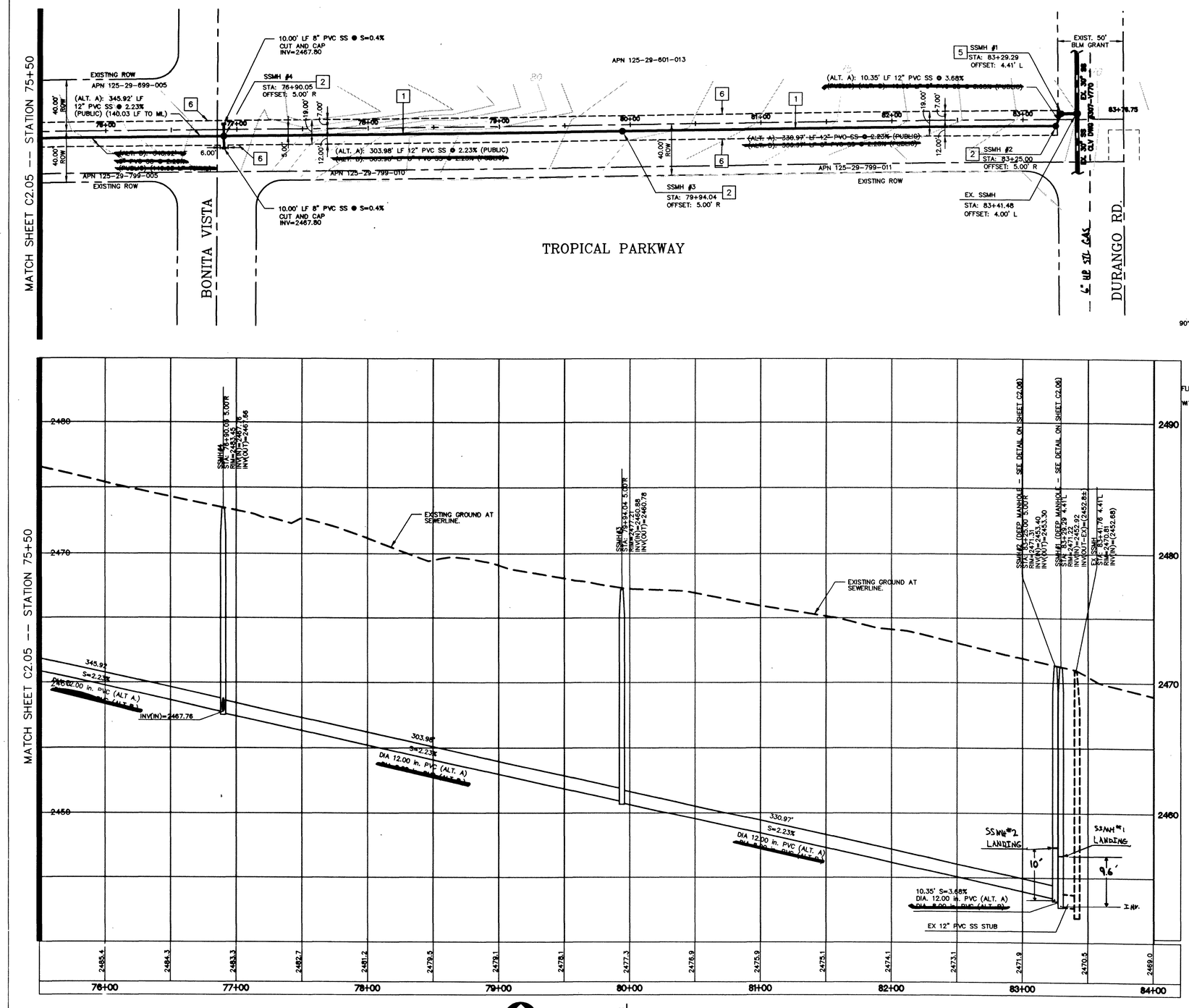
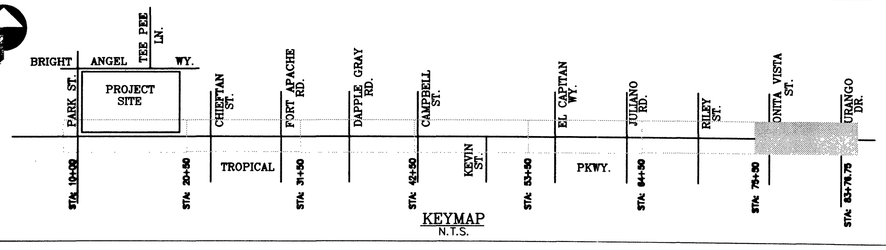


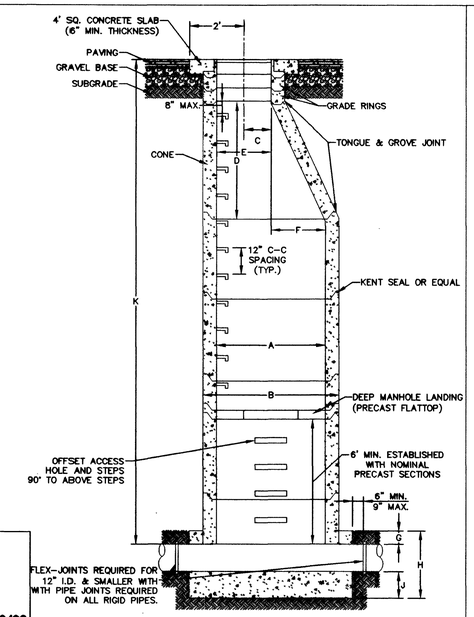
SCALE: 1" = 40' HORZ.
1" = 4' VERT.

SANITARY SEWER NOTES: (NOT ALL SANITARY SEWER NOTES ARE USED IN THIS DRAWING)

1. (ALT. A): INSTALL 12 INCH PVC SANITARY SEWER.
   (ALT. B): INSTALL 8 INCH PVC SANITARY SEWER.
2. CONSTRUCT STANDARD ECCENTRIC MANHOLE (48" O.C.) PER DCSWCS DRAWING NO. SD-1; INSTALL CONCRETE COLLAR PER SD-2.
3. SAWCUT AND REMOVE EXISTING AC PVMT. INSTALL PIPE IN TRENCH SECTION & REPLACE PVMT. PER CCAUSD NO. 504.
4. 12-INCH AND 8-INCH WATER LINES PER MARSHALL C. DARNELL ELEMENTARY SCHOOL IMPROVEMENT PLANS (BY NEVADA BY DESIGN) (NOT A PART).
5. CONSTRUCT DEEP MANHOLE W/ LANDING PER DETAIL ON SHEET C2.06.
6. INSTALL PIPE IN TRENCH SECTION PER CCAUSD NO. 504.
7. 18" STORM DRAIN & 8" BLEEDER LINE PER MARSHALL C. DARNELL ELEMENTARY SCHOOL IMPROVEMENT PLANS (BY NEVADA BY DESIGN) (NOT A PART).



KEYMAP
N.T.S.



MANHOLE NOTES:

1. PRECAST CONCRETE SECTIONS SHALL CONFORM TO A.S.T.M. DESIGNATION AS LAST AMENDED.
2. MANHOLE BASES MAY BE SQUARE.
3. ALL MANHOLE STEPS SHALL FACE 180° FROM OUTGOING INVERT.
4. BRACES AT A DEPTH OF 20' OR MORE SHALL BE 3000 LB. CONCRETE, ALL OTHERS SHALL BE 2500 LB. CONCRETE PER STANDARDS.
5. IN UNSTABLE SOIL CONDITIONS A SECOND PIPE JOINT IS REQUIRED WITHIN 3' OF THE MANHOLE CONNECTION.
6. ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF LAS VEGAS SANITATION STANDARDS.

TABLE OF DIMENSIONS

ALL DIMENSIONS ARE IN INCHES

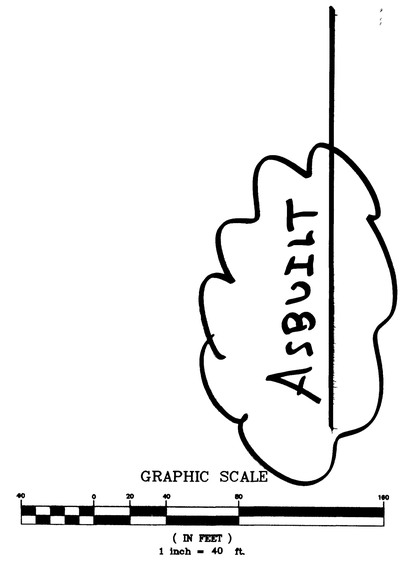
SIZE	A	B	C	D	E	F	G	H	J
48	48	60	12	36	24	24	4	VAR.	9
60	60	72	12	58	24	36	6	VAR.	12

USE 48" MANHOLE FOR PIPE SIZES 8" TO 15"
USE 60" MANHOLE FOR PIPE SIZES 18" AND LARGER

MANHOLE LANDING NOTES:

1. DIMENSIONAL TOLERANCES, METHOD OF MANUFACTURE, REINFORCEMENT, AND CONCRETE SHALL CONFORM TO ASTM C-478. REINFORCEMENT NOT SHOWN FOR CLARITY. PRODUCTS MANUFACTURED WITH TYPE V CEMENT.
2. PLATFORMS WITH OPENINGS SHALL BE AT 12 FOOT (MAXIMUM) INTERVALS.
3. OPENING SIN PLATFORMS SHALL BE STAGGERED AT 90°

DEEP MANHOLE W/ LANDING DETAILS
NTS



REVISIONS

REV	DESCRIPTION	DATE	BY
	© JMA ARCHITECTURE STUDIOS	1999	

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NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

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STATE OF NEVADA
KENT B. ANDERSON
No. 6991
CIVIL
PROFESSIONAL ENGINEER
SEAL
4/26/01

CCSD PROJECT NO. 1457
CCSD REVIEW
APPROVED BY
DATE

DATE 03-21-2001
DRAWN BY DM
CHECKED BY KBA
BID DOCUMENT NO. PROJECT NO. 00039

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JMA ARCHITECTURE STUDIOS
10100 CONFERENCE CENTER DRIVE LAS VEGAS, NEVADA 89144 PROJECT #0000

CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT
4828 PEARL ST.
LAS VEGAS, NEVADA 89121

MARSHALL C. DARNELL ELEMENTARY SCHOOL
(AKA TROPICAL / TEE PEE ELEMENTARY SCHOOL)

SEWER PLAN AND PROFILE STA: 75+50 - 83+76.75

SHEET NO.
C2.06
SHEET 10 of 10
DRAWING NUMBER
75-133