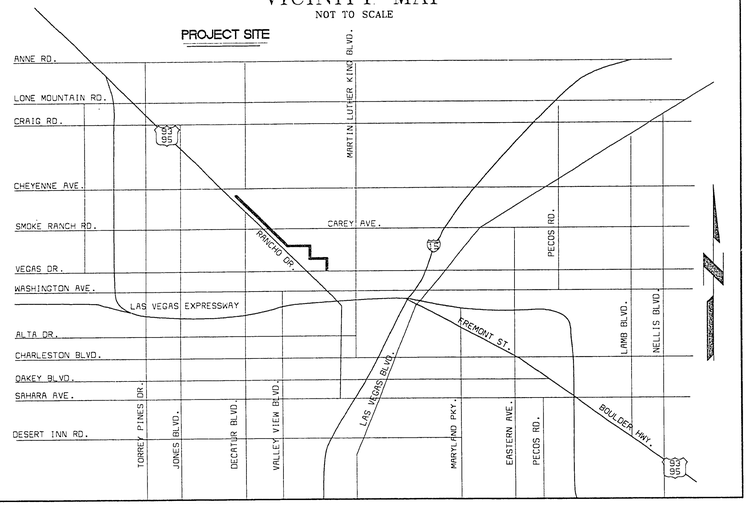
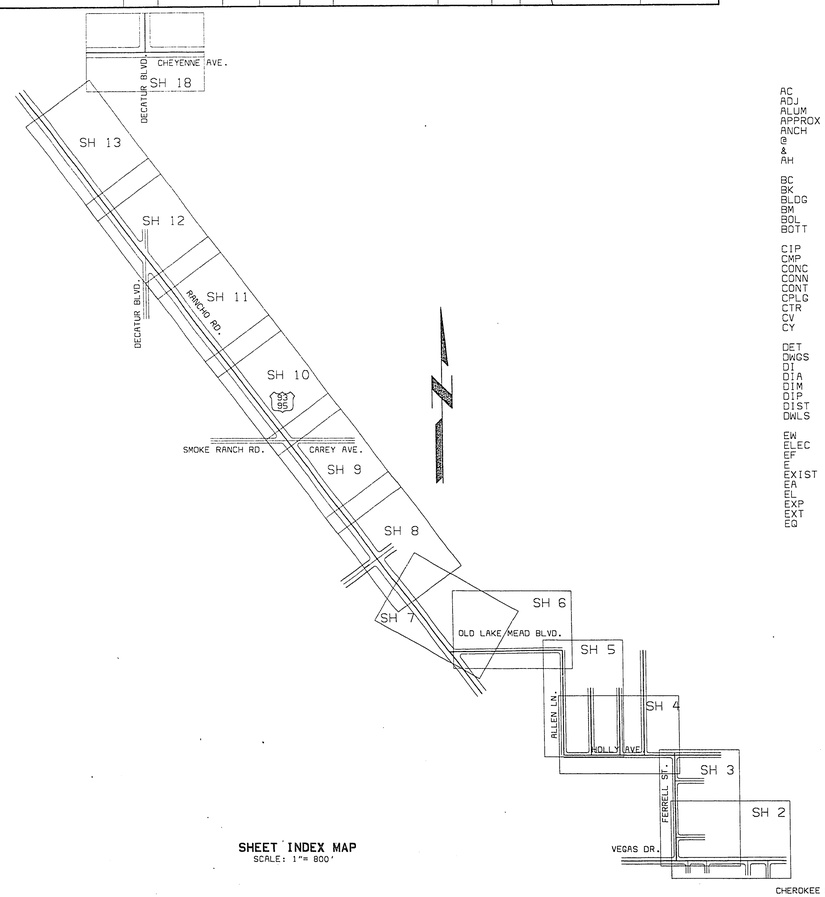
VICINITY MAP

NOT TO SCALE





SHEET INDEX MAP
SCALE: 1"= 800'

LEGEND

- EXISTING STRUCTURES
- NEW STRUCTURES
- EXISTING FENCE
- HYDRANT
- VALVE
- POWER POLE
- LIGHT POLE
- SIGN
- AERIAL SURVEY CONTROL POINT
- BILLBOARD
- TBM — TEMPORARY BENCHMARK
- POST
- LIGHT POLE W/ TRAFFIC CONTROL DEVICE
- EXISTING GENERAL PIPING
- R/W — RIGHT - OF - WAY LINE
- E/L — EASEMENT LINE
- W — EXIST. WATER
- G — EXIST. GAS
- S — EXIST. SEWER
- E — EXIST. ELECTRIC DUCT BANK
- CATV — EXIST. CABLE TELEVISION
- T — EXIST. TELEPHONE
- EARTH OR GRADE
- NEW CONCRETE
- EXISTING CONCRETE
- PRECAST OR PRESTRESSED CONCRETE
- CONCRETE ENCASEMENT OR CLASS A BEDDING
- BAR GRATING
- METAL

SHEET LIST

SHEET NO.	TITLE
COVER	
1	ABBREVIATIONS, LEGEND, GENERAL NOTES
2	PLAN & PROFILE, BOL STA. 0+15 TO STA. 12+50
3	PLAN & PROFILE, STA. 12+50 TO STA. 25+00
4	PLAN & PROFILE, STA. 25+00 TO STA. 37+00
5	PLAN & PROFILE, STA. 37+00 TO STA. 49+00
6	PLAN & PROFILE, STA. 49+00 TO STA. 61+00
7	PLAN & PROFILE, STA. 61+00 TO STA. 73+00
8	PLAN & PROFILE, STA. 73+00 TO STA. 85+00
9	PLAN & PROFILE, STA. 85+00 TO STA. 97+00
10	PLAN & PROFILE, STA. 97+00 TO STA. 109+00
11	PLAN & PROFILE, STA. 109+00 TO STA. 121+00
12	PLAN & PROFILE, STA. 121+00 TO STA. 133+00
13	PLAN & PROFILE, STA. 133+00 TO EOL STA. 143+20
14	MANHOLE DETAILS
15	MANHOLE DETAILS
16	MISCELLANEOUS DETAILS
17	MISCELLANEOUS DETAILS
18	PUMP STATION DEMOLITION PLAN & MANHOLE MODIFICATION DETAILS

ABBREVIATIONS

AC	ASPHALT
ADJ	ADJUSTABLE
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ANCH	ANCHOR
@	AT
&	AND
AH	AHEAD
BC	BACK OF CURB
BK	BACK
BLDG	BUILDING
BM	BENCHMARK
BOL	BEGINNING OF LINE
BOTT	BOTTOM
CIP	CAST IRON PIPE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CPLG	COUPLING
CTR	CENTER
CV	CHECK VALVE
CY	CUBIC YARD
DET	DETAIL
DWGS	DRAWINGS
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DIST	DISTRIBUTION
DWLS	DOWELS
EW	EACH WAY
ELEC	ELECTRICAL
EF	EACH FACE
E	EAST
EXIST	EXISTING
EA	EACH
EL	ELEVATION
EXP	EXPANSION
EXT	EXTERIOR
EQ	EQUAL
FCA	FLANGED COUPLING ADAPTOR
FT	FEET
FTG	FOOTING
FS	FAR SIDE
FRP	FIBERGLASS REINFORCED PLASTIC
GR	GRADE
GALV	GALVANIZED
GA	GAUGE
GV	GATE VALVE
GLV	GLOBE VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HORIZ	HORIZONTAL
HT	HEIGHT
INV	INVERT
INF	INFLUENT
ID	INSIDE DIAMETER
JUNC	JUNCTION
JT	JOINT
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
LG	LONG
LF	LINEAR FOOT
MAINT	MAINTENANCE
MH	MANHOLE
MIN	MINIMUM
MAX	MAXIMUM
MFR	MANUFACTURER
MAT'L	MATERIAL
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
N	NORTH
NO	NUMBER
NTS	NOT TO SCALE
NS	NEAR SIDE
#	NUMBER, POUND
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
PRV	PRESSURE REDUCING VALVE
PRELIM	PRELIMINARY
PL	PLATE
PVC	POLYVINYL CHLORIDE
PSI	POUNDS PER SQUARE INCH
%	PERCENT
RET	RETURN
REM	REMAINING
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RAD	RADIUS
REINF	REINFORCEMENT
RP	RADIUS POINT
SD	STORM DRAIN
SURF	SURFACE
SQ	SQUARE
SH	SHEET
STA	STATION
STD	STANDARD
SECT	SECTION
TYP	TYPICAL
TOC	TOP OF CURB
THK	THICK(NESS)
VAC	VACUUM
VERT	VERTICAL
W/	WITH
W	WATER

GENERAL NOTES

1. THESE NOTES APPLY TO ALL SHEETS.
2. ALL ITEMS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED.
3. SEWER SLOPES ARE CALCULATED BASED ON DISTANCES FROM CENTER-TO-CENTER OF MANHOLES, LESS 1/2 THE DIAMETER OF EACH MANHOLE.
4. SEE SPECIFICATIONS FOR AVAILABILITY OF SOIL INVESTIGATION INFORMATION.
5. ALL STATIONS ARE SEWER LINE STATIONS UNLESS OTHERWISE NOTED.
6. OVERHEAD ELECTRICAL POWER LINES ARE NOT SHOWN ON THE DRAWINGS.

PRIMARY BENCH MARK

USC&GS BRASS CAP, U-398, 1980, IN PLASTIC WELL, ON SOUTH FENCE LINE OF 2991 RANCHO DR. 30.2 FT WEST OF THE SOUTHEAST CORNER OF FENCE, 124 FT WEST OF WEST EQ OF RANCHO DR. 19 FT NORTH OF PROJECTED NORTH EDGE OF BUILDING, APT. #1, RAINBOW APARTMENTS, 2951 RANCHO DR. ABOUT 0.3 MILE NORTHWEST OF DECATUR BLVD. ELEVATION 2212.67

BASIS OF BEARING

THE CENTERLINE OF VEGAS DRIVE, RECORDED IN FILE 9, PAGE 30, OF OFFICIAL RECORDS OF SURVEYS CLARK COUNTY, NEVADA.
BEARING: N89°54'32"W

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

DESIGNED GEB/SDC
DETAILED JAD/PAT
CHECKED JBW
APPROVED
DATE 2-12-92

Black & Veatch
Las Vegas, Nevada

PROJECT NO. 17857

CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
WESTSIDE INTERCEPTOR

ABBREVIATIONS, LEGEND
GENERAL NOTES

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
DANA V. REEL
CIVIL
No. 7138
2-12-92

DWG. NO. 307-V695

SHEET 1 OF 18

CCG. DWG. NO: G-1

25-1-15