

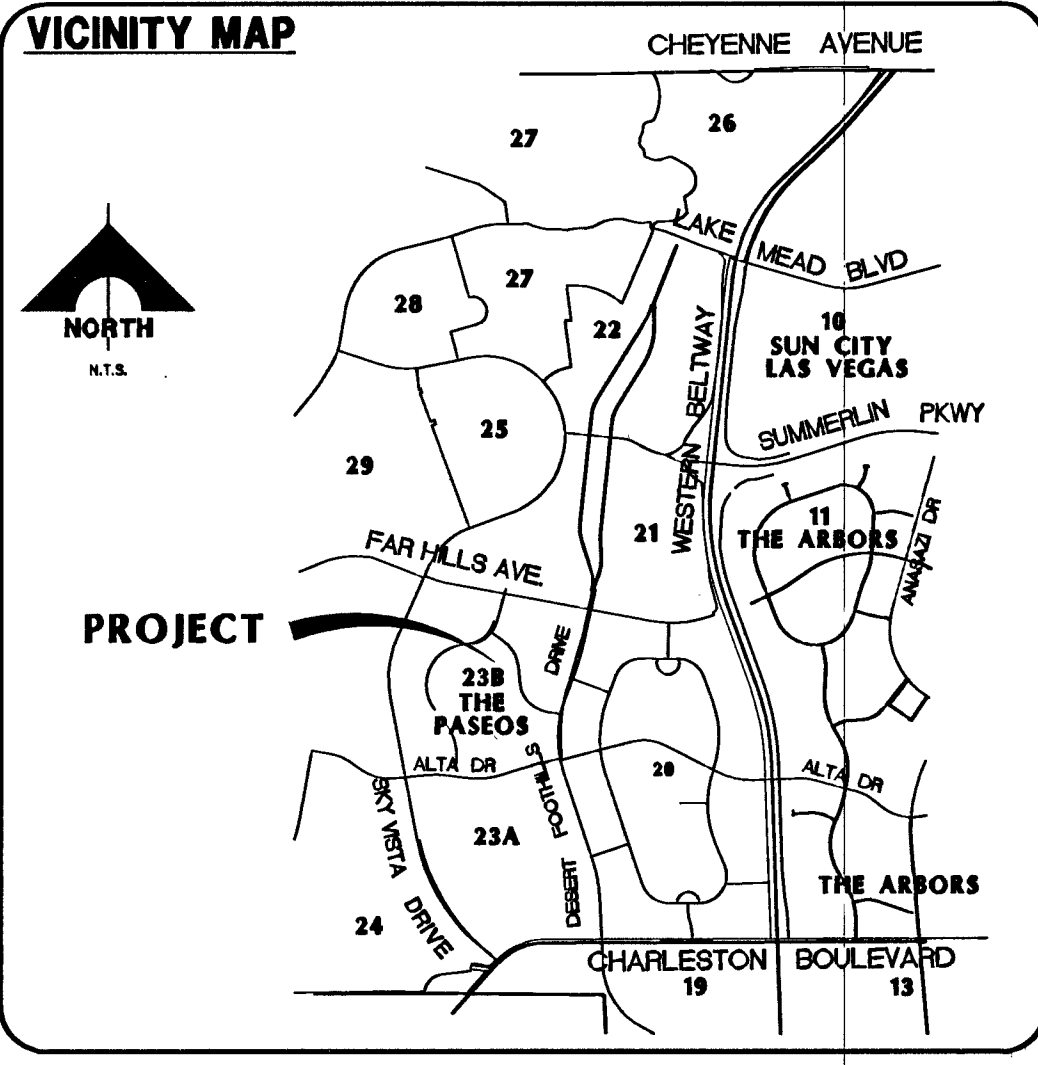
LEGEND

PROPOSED UTILITIES
EXISTING UTILITIES
FUTURE UTILITIES
SECTION LINE
EASEMENT LINE
RIGHT-OF-WAY LINE
PROPERTY LINE
CENTERLINE
100 YR HYDRAULIC GRADE LINE
PROPOSED SEWER LINE W/MH
EXISTING SEWER LINE W/MH
4" W
2" G
2-6" E
CATV
TEL
OHP
6" x 6" SD
8" x 8" SD
FUTURE STORM DRAIN
EXISTING STORM DRAIN
VIEW FENCE
NEW ABANDONED PIPE
EXISTING ABANDONMENT
SAWCUT
CONCRETE ENCASEMENT
ASPHALT, CURB AND GUTTER REMOVAL
STUB & PLUG PIPE
EDGE OF PAVEMENT
RETAINING WALL
EX. WATER VALVE

DRAWING NUMBER FOR DETAIL W/ REF. TO THE SHEET WHERE IT IS SHOWN
STANDARD DRAWING NUMBER
GOVERNING AGENCY
BENCHMARK
POTHOLE LOCATION
SEWER BACK WATER VALVE
EXISTING NPC RS-100
EXISTING DROP INLET
EXISTING GATE VALVE
EXISTING WATER METER
EXISTING TRAFFIC SIGNAL PULL BOX
EXISTING TELEPHONE MANHOLE
EXISTING POWER POLE
EXISTING ELEC MARKER
EXISTING TRAFFIC SIGNAL
EXISTING FIRE HYDRANT
EXISTING UTILITY BOX
EXISTING METER BOX
PROPOSED CONTOUR
EXISTING CONTOUR
SPOT ELEVATION
EXISTING SPOT ELEVATION
ROAD SLOPE
EXISTING STREET LIGHT (STLT)
3:1 SLOPE UNLESS OTHERWISE NOTED ON PLAN

ABBREVIATIONS

A AIR
AC ASPHALT CONCRETE, ACRE
ACP ASBESTOS CEMENT PIPE
ADD'L ADDITIONAL
AP ANGLE POINT
APN ASSESSOR'S PARCEL NUMBER
APPROX APPROXIMATELY
ASHTO AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVE AVENUE
AVAR AIR VALVE, AIR RELEASE
AWWA AMERICAN WATER WORKS ASSOCIATION
BC BACK OF CURB
BOR BEGIN CURB RETURN
BLM BUREAU OF LAND MANAGEMENT
BLVD BOULEVARD
BM BENCHMARK
BO BLOW-OFF
BVCE BEGIN VERTICAL CURVE ELEVATION
BVCS BEGIN VERTICAL CURVE STATION
BW BACK OF SIDEWALK
CL CENTERLINE
C&G CURB AND GUTTER
CATV UNDERGROUND CABLE TV
CCBM CLARK COUNTY BENCH MARK
CCPW CLARK COUNTY PUBLIC WORKS
CCTV CLOSED-CIRCUIT TELEVISION
CCWRD CLARK COUNTY WATER RECLAMATION DISTRICT
CFS CUBIC FEET PER SECOND
CIP CAPITAL IMPROVEMENTS PROJECT, CORRUGATED IRON PIPE
CIPW CURED-IN-PLACE MANHOLE
CIPP CURED-IN-PLACE PIPE
CIR CLEAR OR CLEARANCE
CLR CONTROLLED LOW STRENGTH MATERIAL
CLV CITY OF LAS VEGAS
CMP CORRUGATED METAL PIPE
CMU CONCRETE MASONRY UNIT
CNLV CITY OF NORTH LAS VEGAS
CO CLEANOUT
CONC CONCRETE
COND CONDUIT
CONST CONSTRUCT OR CONSTRUCTION
COORD COORDINATE
COR CORNER
CPEP CORRUGATED POLYETHYLENE PIPE
CT COURT
CY CUBIC YARD(S)
A DELTA
DBL DOUBLE
DCS DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEM (LATEST EDITION)
DEFL DEFLECTION
DIA DIAMETER
DIP DUCTILE IRON PIPE
DR DRIVE
DS DOWNSPOUT
DTL DETAIL
DW DRIVEWAY
DWS DRAWING
E EAST
EOR END CURB RETURN
ELE,ELEC ELECTRICAL
ELEV ELEVATION
EP, EOP EDGE OF PAVEMENT
ESMT EASEMENT
EVC END VERTICAL CURVE
EXIST,EX EXISTING
EXP EXPANSION JOINT
FC FACE OF CURB
FF, FFE FINISH FLOOR ELEVATION
FG FINISH GRADE
FH FIRE HYDRANT
FL FLOW LINE
FO FIBER OPTIC
FRP FIBERGLASS REINFORCED PLASTIC
FS FINISH SURFACE
FT FOOT/FEET
FTG FOOTING
FUT FUTURE
G GAGE, GUY ANCHOR
GB GRADE BREAK
GND GROUND
GRD GRADE, GROUND
H HGT
HDWL HEADWALL
HGL HYDRAULIC GRADE LINE
HORIZ HORIZONTAL
HP HIGH POINT, HIGH PRESSURE
HPS HIGH PRESSURE SODIUM
IBC INTERNATIONAL BUILDING CODE
INV INVERT
INT INTERIM
JOINT JOINT
L LENGTH
L, LT LEFT
LF LINEAR FEET
LP LIP OF GUTTER
LN LANE
LP LIGHT POLE
LSCP LANDSCAPE
LVWD LAS VEGAS VALLEY WATER DISTRICT
MAX MAXIMUM
MH MANHOLE
MIN MINIMUM
MLCP MORTAR LINED AND COATED PIPE
MOD MODIFY/MODIFIED
MON MONUMENT
MPH MILES PER HOUR
N NORTH
NDOT NEVADA DEPARTMENT OF TRANSPORTATION
NO NUMBER
NOSHA STATE OF NEVADA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
NPC NEVADA POWER COMPANY
NTS NOT TO SCALE
OC ON CENTER
OHC OVERHEAD COX COMMUNICATION
OHP OVERHEAD POWER LINE
P POWER LINE
PB PULL BOX
PBS PLANTMIX BITUMINOUS SURFACE
PC POINT OF CURVE, PRESSURE CLASS
PCC POINT OF COMPOUND CURVE
PE PROJECT ENGINEER OR POLYETHYLENE
PED PEDESTRIAN
PGL PROFILE GRADE LINE
PH POHOLE
PI POINT OF INTERSECTION
PIV POST INDICATOR VALVE
P PROPERTY LINE
PLOP POLYURETHANE LINED AND COATED STEEL PIPE
PMF PAVEMENT MARKING FILM
POB POINT OF BEGINNING
POC POINT ON CURVE
P.O.C. POINT OF CONNECTION
POT POINT ON TANGENT
PP POWER POLE
PROP PROPOSED
PRC POINT OF REVERSE CURVE
PRVC POINT OF REVERSE VERTICAL CURVE
PSI POUNDS PER SQUARE INCH
PT POINT OF TANGENCY
P.U.E. PUBLIC UTILITY EASEMENT
PVC POLYVINYL CHLORIDE
PVI POINT OF VERTICAL INTERSECTION
PVMT PAVEMENT
PZ PRESSURE ZONE
R, RAD RADIAL, RADIUS
R, RT RIGHT
RCB REINFORCED CONCRETE BOX
RCP REINFORCED CONCRETE PIPE
RD ROAD
RDWY ROADWAY
REC RECTANGULAR
REF REFERENCE
REINF REINFORCED
REQD REQUIRED
RIM TOP OF RIM ELEVATION
RND ROUND
ROW,R/W RIGHT OF WAY
RP RADIUS POINT
RPM RAISED PAVEMENT MARKERS
RSGV RESILIENT SEAT GATE VALVE
S SCHEDULE
SD STORM DRAIN
SDMH STORM DRAIN MANHOLE
SECT SECTION
SF SQUARE FOOT/FEET
SHLDR SHOULDER
SHT SHEET
SHT STREET LIGHT
SP SERVICE POINT
SQ SQUARE
SR SEWER RECLAIM MAIN
SS SANITARY SEWER
SSMH SANITARY SEWER MANHOLE
STA STATION
ST STREET
STD STANDARD
STL STEEL
STRUCT STRUCTURE
SVZ SIGHT VISIBILITY ZONE
SW SIDEWALK
SWG SOUTHWEST GAS
T TELEPHONE OR TOP
TAN TANGENT
TB TOP OF BERM
TC TOP OF CURB
TCE TEMPORARY CONSTRUCTION ESMT
TEL,TELE TELEPHONE
TEMP TEMPORARY
TF TOP OF FOOTING
TG TOP OF GRATE
TMH TOP OF MANHOLE
TOP TOP OF PIPE
TP TELEPHONE POLE
TRANS TRANSITION
TRW TOP OF RETAINING WALL
TS TRAFFIC SIGNAL
TW TOP OF WALL
TYP,(TYP) TYPICAL
UDACS UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (LATEST EDITION)
UG UNDERGROUND
ULT ULTIMATE
USD UNIFORM STD. DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA (LATEST EDITION)
UT UNDERGROUND TELEPHONE
VAR VARIABLE/VARIABLE
VC VERTICAL CURVE
VCP VITRIFIED CLAY PIPE
VERT VERTICAL
VAL VALLEY
VOL VOLUME
W WATER, WEST
W/ WITH
WS WATER SUPPLY
WT WEIGHT
WTR WATER
XING CROSSING
YD YARD, YARD DRAIN
Z PRESSURE ZONE



PROJECT NO. 62023B-215

DESIGN: HN
DRAWN: HN
CHECK: DY
PLOT DATE: 10-04-13
PLOT TIME: 15:07:21

PROJECT DATA SHEET

SUMMERLIN
VILLAGE 23B PARCEL R-S
STORM DRAIN AND SANITARY SEWER OUTFALL IMPROVEMENTS

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 122199 DATE: 10/16/13

BASIS OF BEARINGS

NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.O.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK

DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
RIVET AND PLATE IN TOP OF CURB • NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE	3304.45 (FEET)	1007.197 (METERS)

CLV BM NO. SLV09 34NE6