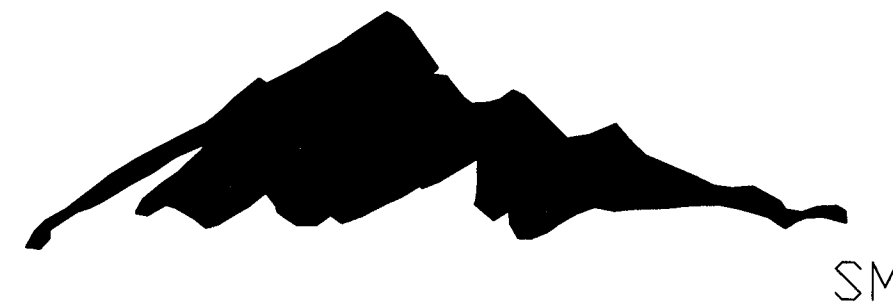


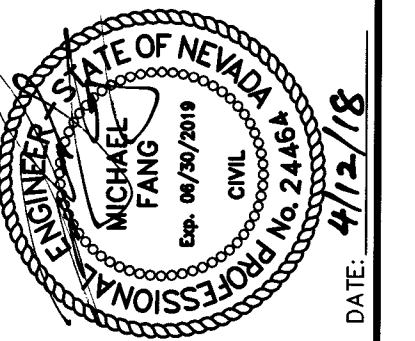
SUMMERLIN



VILLAGE 24 PARCEL I AND J SECOND WATER SOURCE IMPROVEMENT PLANS

A.P.N. 137-33-810-007, 137-33-810-003, 137-33-810-008, & 137-33-710-001

SHEET INDEX	
SHT #	DESCRIPTION
1	COVER SHEET
2	PROJECT DATA SHEET
3	NOTE SHEET
4	UTILITY PLAN AND PROFILE 1
5	UTILITY PLAN AND PROFILE 2



PROJECT NO.	DATE	REV.	DESCRIPTION
62024-239	4/12/18		

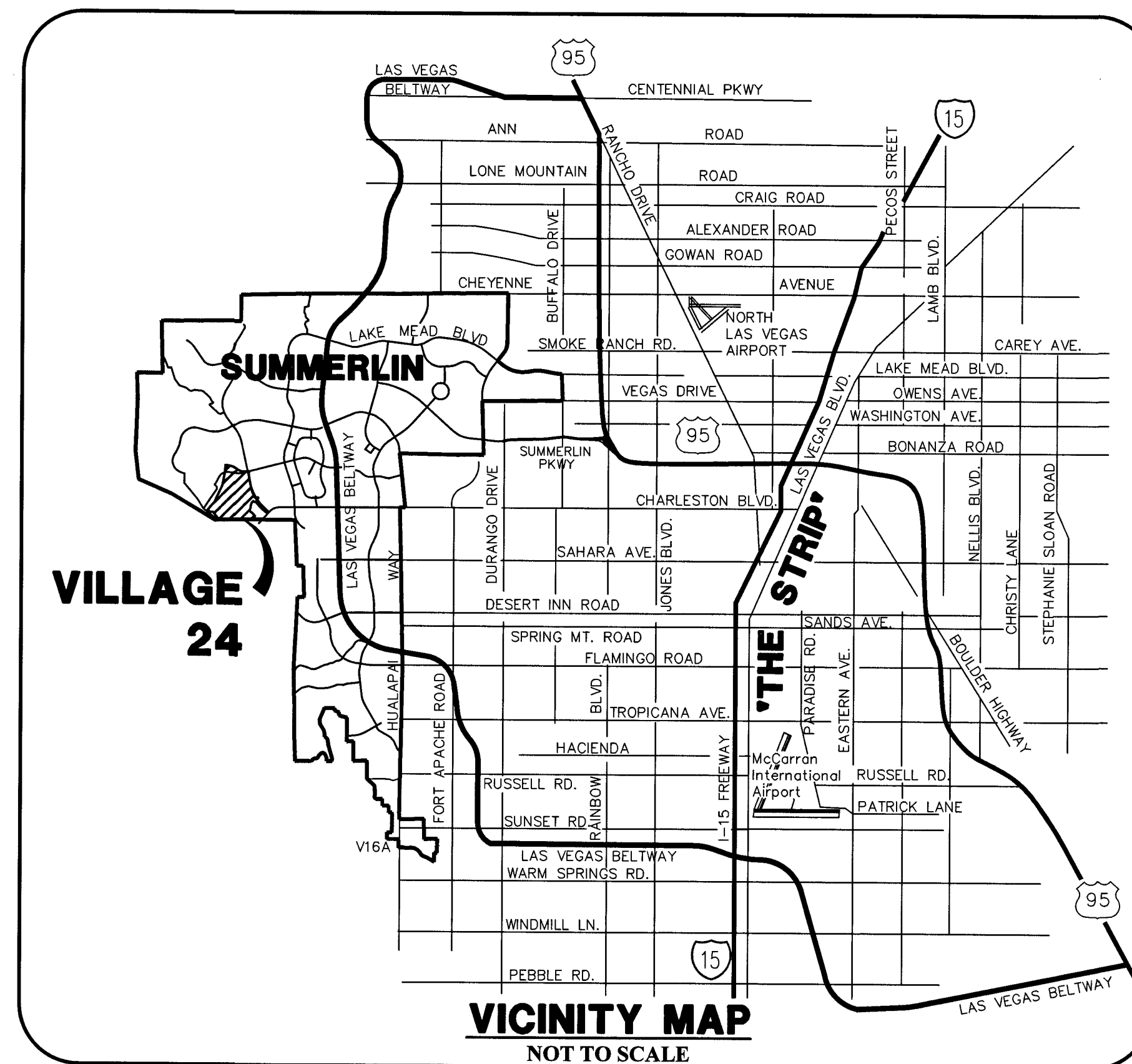
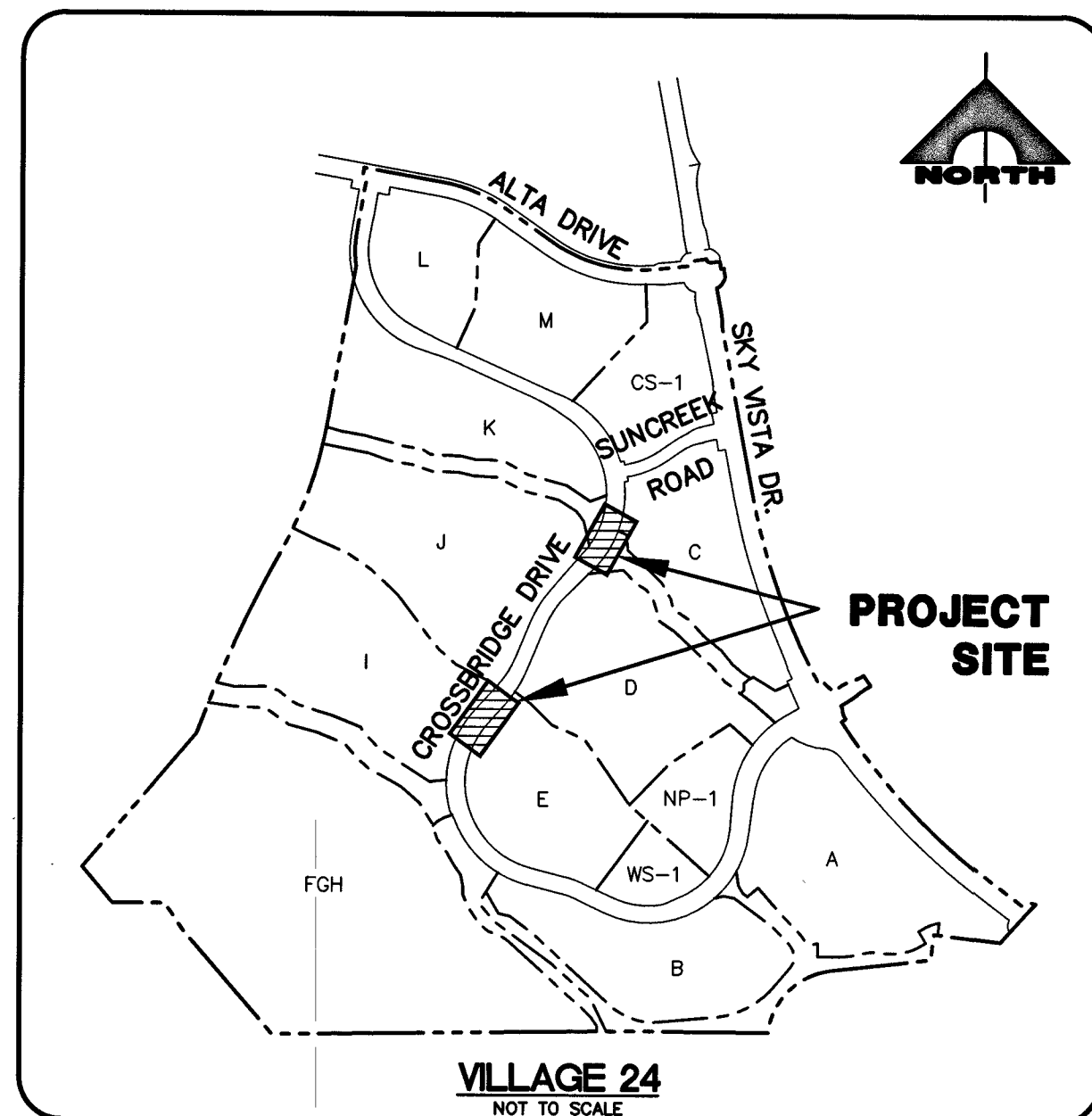
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				04-12-18	15:15:27

PROJECT NO. 62024-239
DESIGN: [Signature]
DRAWN: [Signature]
CHECK: [Signature]
PLOT: [Signature]
DATE: 04-12-18
TIME: 15:15:27

1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
govenengineering.com

THE HOWARD HUGHES COMPANY, LLC
VILLAGE 24 - PARCEL I AND J SECOND WATER SOURCE
IMPROVEMENT PLANS
COVER SHEET

DRAWING 1
1 OF 5 SHTS



APPROVED FOR CONSTRUCTION
[Signature] 4/18/18
CITY OF LAS VEGAS FIRE DEPARTMENT DATE

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS
CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND/OR DEDICATED
EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION
OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS
AND/OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER
"DEVIATIONS FROM STANDARDS". THE ENGINEER SHALL RESOLVE ANY
DEVIATION OTHER THAN THOSE LISTED IN "DEVIATIONS FROM
STANDARDS" IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND
SPECIFICATIONS CLARK COUNTY AREA NEVADA.

CLV BUILDING AND SAFETY DEPARTMENT
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE CITY OF LAS
VEGAS PLANNING DEPARTMENT
NA
CITY OF LAS VEGAS PLANNING DEPARTMENT DATE

APPROVED FOR CONSTRUCTION
[Signature] 4/24/18
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 126329 FIRST APPROVED DATE: 4/24/18
DRAWINGS: 1-5

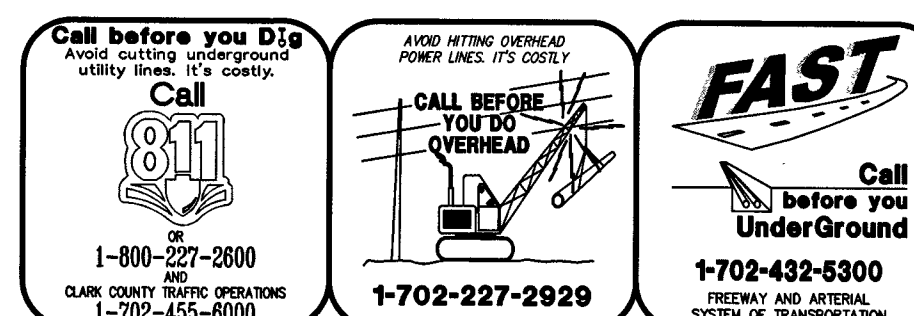
THE HOWARD HUGHES COMPANY, LLC
[Signature] 4-16-18
KEVIN ORROCK
VICE PRESIDENT DATE

OWNER/DEVELOPER

THE HOWARD HUGHES COMPANY, LLC
10801 W. CHARLESTON BLVD., 3RD FLOOR
LAS VEGAS, NEVADA 89146
OFFICE PHONE NO. (702) 791-4300

ENGINEER

GCV
ENGINEERS \ SURVEYORS
1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gcwengineering.com



LEGEND

PROPOSED UTILITIES
EXISTING UTILITIES
FUTURE UTILITIES
SECTION LINE
EASEMENT LINE
RIGHT-OF-WAY LINE
PROPERTY LINE
CENTERLINE
100 YR HYDRAULIC GRADE LINE (ULT)
100 YR HYDRAULIC GRADE LINE (INT)
PROPOSED UTILITY (BY OTHERS)
PROPOSED SEWER LINE W/MH
FUTURE SEWER LINE W/MH
EXISTING SEWER LINE W/MH
EXISTING WATER LINE & GATE VALVE
PROPOSED WATER LINE & GATE VALVE
FUTURE WATER LINE & GATE VALVE
EXISTING GAS LINE
EXISTING UNDERGROUND ELECTRICAL
CATV
EXISTING TELEPHONE
EXISTING OVERHEAD AND POWER POLES
PROPOSED STORM DRAIN W/MH
EXISTING STORM DRAIN W/MH
FUTURE STORM DRAIN W/MH
EXISTING SIDEWALK AND RAMP
CONSTRUCT CURB DEPRESSION FOR FUTURE HANDICAP RAMP
VIEW FENCE
NEW ABANDONED PIPE
EXISTING ABANDONMENT
SAWCUT
STEEL CASING
APPROXIMATE PAVEMENT RESTORATION
TO BE ABANDONED PROFILE HATCH
FUTURE WATER STUB WITH BLOW-OFF
SEWER STUB WITH CAP
FUTURE SEWER STUB WITH CAP
EDGE OF PAVEMENT
OUTSIDE EDGE
CUT LIMIT LINE
FILL LIMIT LINE

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

1 CD1
XX
YYY
BENCHMARK
POTHOLE LOCATION
EXISTING NVR RS-100
EXISTING DROP INLET
PROPOSED DROP INLET
FUTURE DROP INLET
EXISTING GATE VALVE
PROPOSED GATE VALVE
FUTURE GATE VALVE
EXISTING WATER METER
PROPOSED WATER METER
EXISTING TRAFFIC SIGNAL PULL BOX
PROPOSED SIGNAL PULLBOX
EXISTING TELEPHONE MANHOLE
EXISTING POWER POLE
EXISTING ELEC MARKER
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
EXISTING FIRE HYDRANT
PROPOSED FIRE HYDRANT
FUTURE FIRE HYDRANT
EXISTING UTILITY BOX
EXISTING METER BOX
PROPOSED CONTOUR
EXISTING CONTOUR
SPOT ELEVATION
EXISTING SPOT ELEVATION
FUTURE SPOT ELEVATION
EXISTING CLARK COUNTY STREET LIGHT (STLT)
EXISTING SUMMERLIN STREET LIGHT (STLT)
PROPOSED SUMMERLIN STREET LIGHT (STLT)
3:1 SLOPE UNLESS OTHERWISE NOTED ON PLAN

ABBREVIATIONS

AIR
ASPHALT CONCRETE, ACRE
ASBESTOS CEMENT PIPE
ADDITIONAL
ANGLE POINT
ASSESSOR'S PARCEL NUMBER
APPROXIMATELY
AASHTO
ASTM
AVE
AVAR
BLM
BLVD
BM
BVC
BVC+G
BW
C
C&G
CATV
CCBM
CCPW
CCTV
CCWRD
CFS
CIP
CIPM
CIPP
CIR
CLR
CLSM
CLV
CMP
CMU
CNLY
CO
CONC
COND
CONST
COORD
COR
CPEP
COURT
CY
A
DBL
DCSWCS
DEFL
DG
DIA
DIP
DIST
DR
DS
DTL
DW
DWG
E
ECP
ELEC
ELEV
EP, EOP
ESMT
EVC
EXIST, EX
EXP
FC
FF, FFE
FG
FH
FLOW LINE
FIBER OPTIC
FIBERGLASS REINFORCED PLASTIC
FINISH SURFACE
FOOT/FEET
FOOTING
FUT
G
GAGE, GUY ANCHOR
GA
GRADE BREAK
GRD
GRADE, GROUND
H, HGT
HDWL
HOL
HORIZ
HP
HPS
IBC
INV
INT
JOINT
LENGTH
L, LT
LIP
LN
LP
LSCD
LVWD
MAX
MH
MIN
MLCP
MP
MOD
MON
MPH
N
NDOT
NO
NOSHA
NVE
NTS
OB
OC
OHC
OHP
P
PB
PBS
PC
PCC
PE
PED
POL
PH
PI
PIN
PLCP
PMF
POB
POC
P.O.C.
POT
PP
PROP
PRC
PRVC
PSI
PT
PVC
PVI
PVM
PZ
R, RAD
R, RT
RCB
RCP
RD
RDWY
REC
REF
REINFORCED
REQD
RIM
ROUND
ROW, R/W
RP
RPM
RSOV
S
SCH
SD
SDMH
SECT
SF
SHLDR
SHT
SIS
SL
SP
SQ
SR
SS
SSMH
ST
STD
STL
STRUCT
SVZ
SW
SWG
T
TAN
TB
TC
TCE
TEL, TELE
TEMP
TF
TG
TH
TOP
TP
TRANS
TRN
TRW
TS
TW
TYP, (TYP)
UDACS
UG
ULT
USD
USDOCA
UT
VAR
VC
VCP
VERT
VOL
W
WS
WT
WTR
XING
YD
Z
REINFORCED CONCRETE BOX
REINFORCED CONCRETE PIPE
ROADWAY
RECTANGULAR
REFERENCE
REINFORCED
REQUIRED
TOP OF RIM ELEVATION
ROUND
RIGHT OF WAY
RADIUS POINT
RAISED PAVEMENT MARKERS
RESILIENT SEAT GATE VALVE
SOUTH
SCHEDULE
SD
STORM DRAIN
STORM DRAIN MANHOLE
SECTION
SQUARE FOOT/FEET
SHOULDER
SHEET
SUMMERLIN IMPROVEMENT
STANDARDS
STREET LIGHT
SERVICE POINT
SQUARE
SEWER RECLAIM MAIN
SANITARY SEWER
SANITARY SEWER MANHOLE
STREET
STANDARD
STEEL
STRUCTURE
SIGHT VISIBILITY ZONE
SIDEWALK
SOUTHWEST GAS
TELEPHONE OR TOP
TANGENT
TOP OF BERM
TOP OF CURB
TEMPORARY CONSTRUCTION
TELEPHONE
TEMPORARY
TOP OF FOOTING
TOP OF GRATE
TOP OF MANHOLE
TOP OF PIPE
TELEPHONE POLE
TRANSITION
TOP OF RETAINING WALL
TRAFFIC SIGNAL
TOP OF WALL
TYPICAL
UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (LATEST EDITION)
UNDERGROUND
UNDERGROUND
UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA (LATEST EDITION)
UNDERGROUND TELEPHONE
VARIABLE/VARIES
VERTICAL CURVE
VERTICAL CLAY PIPE
VALLEY GUTTER
VOLUME
WATER, WEST
WITH
WATER SUPPLY
WEIGHT
WATER
CROSSING
YARD, YARD DRAIN
PRESSURE ZONE

STATE OF NEVADA
MICHAEL J. PANG
REGISTERED PROFESSIONAL ENGINEER
No. 24848
Exp. 06/30/2018

PROJECT NO. 62024-239
DESIGN 62024-239
DRAWN
CHECKED
PLOT DATE 04-12-18
PLOT TIME 15:15:32
REV DATE DESCRIPTION

THE HOWARD HUGHES COMPANY, LLC
VILLAGE 24 - PARCEL I AND SECOND WATER SOURCE IMPROVEMENT PLANS
PROJECT DATA SHEET

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 126329 FIRST APPROVED DATE: 4/24/18

NOTES TO CONTRACTOR:
1. ALL EXISTING UTILITY CROSSINGS MUST BE VERIFIED PRIOR TO CONSTRUCTION OF ANY MAIN LINES OR LATERALS THAT MAY BE ADVERSELY AFFECTED. ANY DISCREPANCIES IN LOCATION AND/OR ELEVATION MUST BE PROVIDED TO THE ENGINEER FOR ACCEPTANCE PRIOR TO CONSTRUCTION.
2. ALL COMMON LOTS AS SHOWN HEREIN TO BE PRIVATELY MAINTAINED BY THE SUMMERLIN H.O.A. A FUTURE MEANDERING SIDEWALK WILL BE INSTALLED BY SUMMERLIN AS REQUIRED TO SERVICE THE DEVELOPMENT OF EACH PARCEL.
3. ALL WATER LINE GATE VALVES, SERVICE GATE VALVES, AND FIRE HYDRANT GATE VALVES ARE TO BE CONSTRUCTED UNDER A.C. PAVEMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL WATER VALVE CANS DO NOT CREATE CONFLICTS WITH THE PROPOSED CURB LINE PRIOR TO PLACEMENT OF CONCRETE. ALL WATER FACILITIES SHOWN IN THESE DRAWINGS HAVE BEEN "SCALED-UP" FOR CLARITY ONLY.

SUMMERLIN STREET CLASSIFICATION
CROSSBRIDGE DRIVE: NEIGHBORHOOD COLLECTOR LEVEL 1 AND LEVEL 2 WITH SHARED BIKE LANES

NOTE
THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS

BASIS OF BEARINGS
SOUTH 89°47'23" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 118, PAGE 100 OF CLARK MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK
BM # DESCRIPTION NAVD 88 DATUM NAVD 88 DATUM
CLV BM No. D368 U.S.C. & G.S. DISC SET IN ROCK RIDGE 150' SOUTH OF CHARLESTON BLVD & WEST OF DETENTION BASIN. 3246.63 (FEET) 889.574 (METERS)

Call before you Dig
1-800-222-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-5000

Call before you Dig
1-702-227-2929

FAST
Call before you UnderGround
1-702-432-5300
FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

LOCATION/SHEET INDEX MAP

2
2 OF 5 SHTS

PROJECT: 126329 AGR: 116752 QS: 137-33-SE XC 11441

