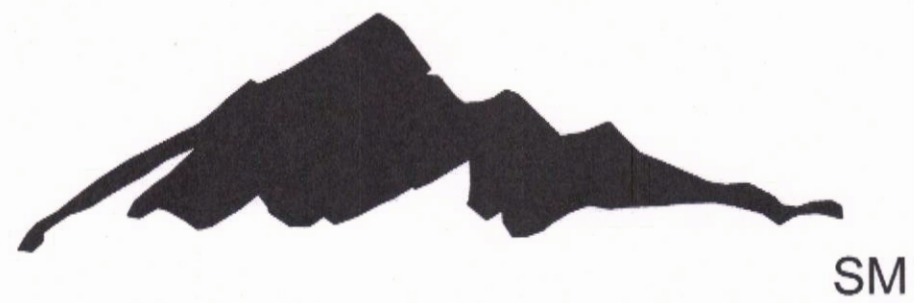


SUMMERLIN



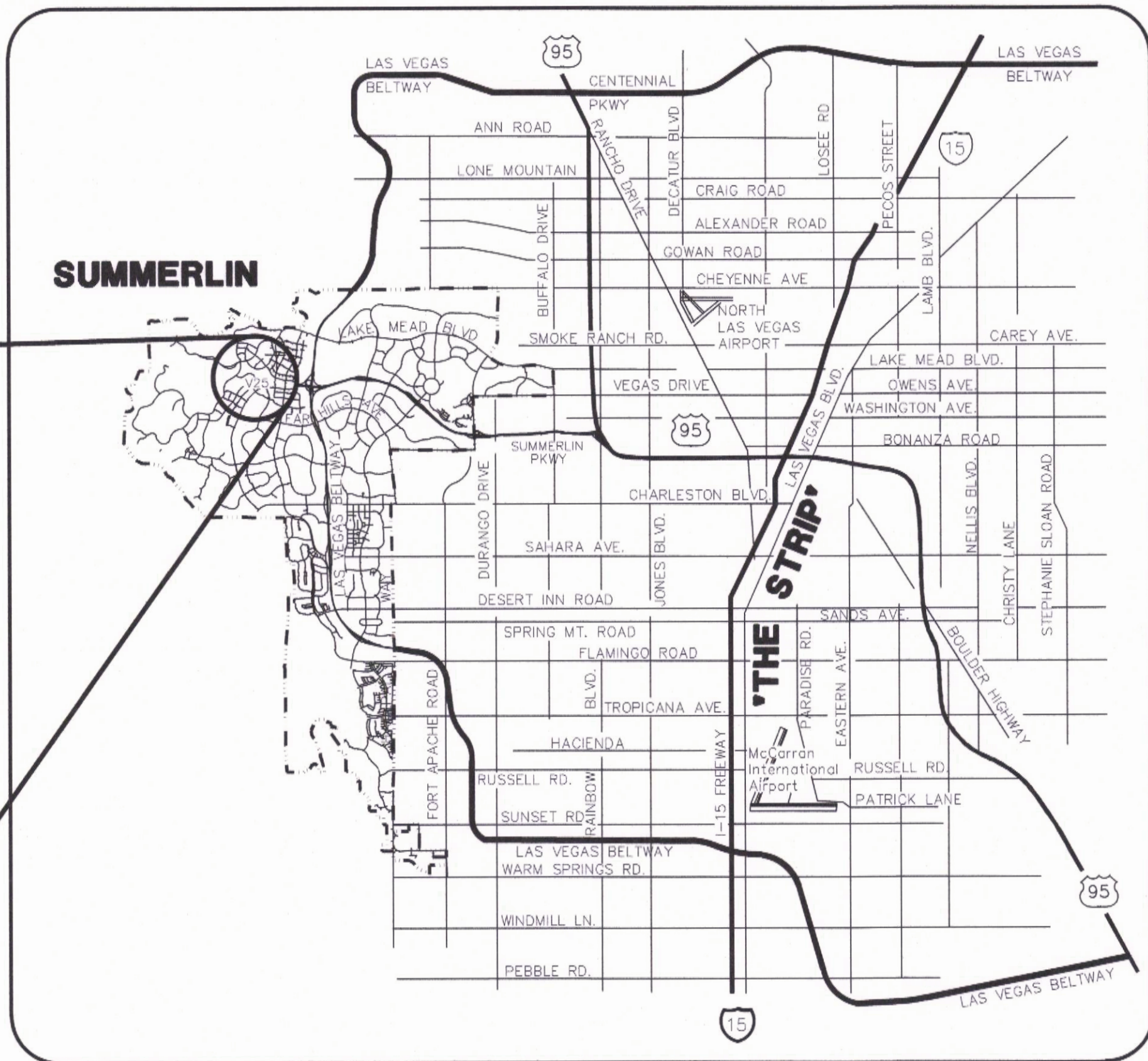
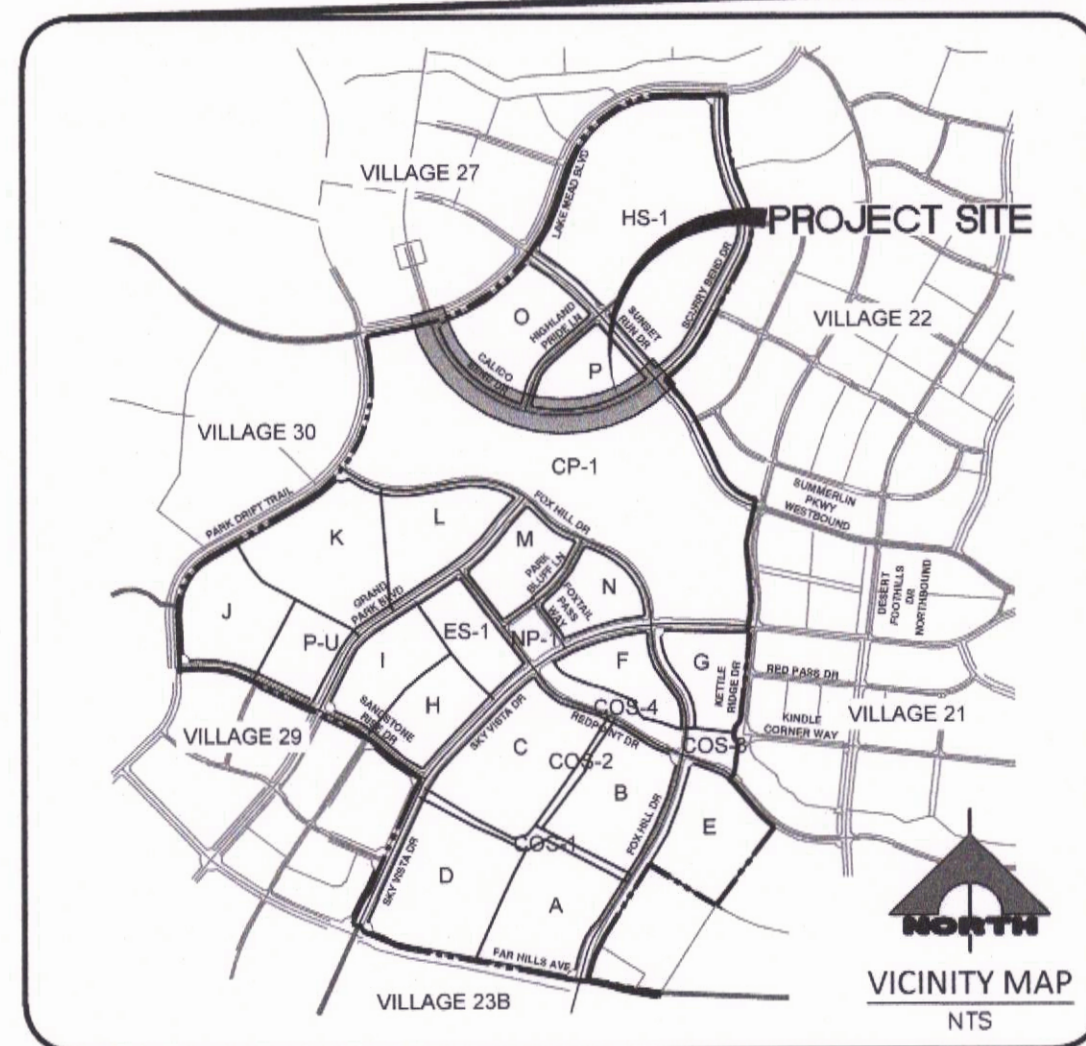
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

(LAKE MEAD BLVD TO SUNSET RUN DRIVE)

FUTURE SID PROJECT

A.P.N. 137-22-301-004

2020



OWNER/DEVELOPER

THE HOWARD HUGHES COMPANY, LLC
10845 GRIFFITH PEAK DRIVE, SUITE 160
LAS VEGAS, NEVADA 89135
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



SHEET INDEX		
NO.	DWG	DESCRIPTION
1	G1	COVER SHEET
2	G2	GENERAL NOTES
3	G3	PROJECT DATA
4	HC1	HORIZONTAL CONTROL
5	MU1	MASTER UTILITY PLAN - WATER
6	MU2	MASTER UTILITY PLAN - STORM DRAIN
7	MU3	MASTER UTILITY PLAN - SEWER
8	MG	MASTER GRADING PLAN
9	GD1	GRADING PLAN 1
10	GD2	GRADING PLAN 2
11	PP1	PLAN AND PROFILE 1
12	PP2	PLAN AND PROFILE 2
13	PP3	PLAN AND PROFILE 3
14	PP4	PLAN AND PROFILE 4
15	PP5	PLAN AND PROFILE 5
16	PP6	PLAN AND PROFILE 6
17	LP1	LATERAL PROFILE 1
18	LP2	LATERAL PROFILE 2
19	LP3	LATERAL PROFILE 3
20	DT1	TYPICAL DETAILS AND SECTIONS 1
21	DT2	UTILITY DETAILS
22	TR1	SIGNAGE AND STRIPING PLAN 1
23	TR2	SIGNAGE AND STRIPING PLAN 2
24	SL1	STREETLIGHT AND ELECTRICAL PLAN 1
25	SL2	STREETLIGHT AND ELECTRICAL PLAN 2
26	SL3	STREETLIGHT AND ELECTRICAL PLAN 3

APPROVED FOR CONSTRUCTION	
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES	
PROJECT NO. XXXXXXX	FIRST APPROVAL DATE:
LVWD APPROVED FIRE FLOW: TOTAL 1,500 GPM / ON-SITE N/A GPM	
SHEETS: XXX	
LAS VEGAS FIRE & RESCUE APPROVAL	
LAS VEGAS FIRE & RESCUE	DATE
UTILITY APPROVALS	
COX COMMUNICATIONS LAS VEGAS, INC.	DATE
CENTRAL TELEPHONE CO., DBA CENTURYLINK	DATE
THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.	
NV ENERGY	DATE
NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.	
NV ENERGY - TRANSMISSION ENGINEERING	DATE
SOUTHWEST GAS CORPORATION	DATE
L#:	CLV#:

CAUTION TO CONTRACTOR	
THE CONTRACTOR SHALL BE RESPONSIBLE TO INVESTIGATE AND VERIFY THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES AT LEAST 48 HOURS IN ADVANCE OF THE PERFORMANCE OF ANY WORK.	
THE HOWARD HUGHES COMPANY, LLC	
KEVIN ORROCK	DATE
VICE PRESIDENT	
DRAINAGE CERTIFICATION	
I CERTIFY THAT THE GRADING PLANS ARE IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.	
MLADJAN J. GRUJICIC, P.E. 17109	DATE

PROJECT NO.	62025-213
DESIGN:	CS
DRAWN:	CS
CHECK:	LG
PLOT DATE:	04-12-21
PLOT TIME:	09:58:25
PROJECT NO.	62025-213
DESIGN:	CS
DRAWN:	CS
CHECK:	LG
PLOT DATE:	04-12-21
PLOT TIME:	09:58:25
1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.804.2000 F: 702.804.2299 gcwengineering.com	
ENGINEERS \ SURVEYORS	
THE HOWARD HUGHES COMPANY, LLC	
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS	
COVER SHEET	
DRAWING	
G1	
1 OF 26 SHTS	

FOR 90% REVIEW - NOT FOR CONSTRUCTION

LEGEND			
	TYPICAL PROPOSED LINEWORK		DETAIL BUBBLE W/ REF.
	TYPICAL EXISTING LINEWORK		BENCHMARK
	TYPICAL FUTURE LINEWORK		GATE VALVE
	SECTION LINE		PRESSURE REDUCING VALVE
	EASEMENT LINE		BACK WATER VALVE
	LOTLINE		DROP INLET
	RIGHT-OF-WAY LINE		FIRE HYDRANT
	PROPERTY LINE		WATER METER
	CENTERLINE		WATER RPPA
	TYPICAL UTILITY LINE 4" - 12" (SINGLE LINE)		WATER RPPA
	TYPICAL UTILITY LINE > THAN 12" (DOUBLE LINE)		TRAFFIC SIGNAL PULL BOX
	TYPICAL SEWER LINE W/MH		STREET LIGHT CLARK COUNTY
	TYPICAL WATER LINE W/GV		STREET LIGHT SUMMERLIN STD
	TYPICAL STORM LINE W/MH		TRAFFIC SIGNAL/FLASHER
	100 YR HYDRAULIC GRADE LINE		EXISTING TELE POLE
	CONCRETE OR STEEL ENCASEMENT		EXISTING POWER POLE
	TYPICAL STUB & BLOW-OFF		EX. ELEC MARKER
	EX. UTILITIES PROFILE VIEW		TRANSFORMER PAD
	EX. GAS LINE		SERVICE PEDESTAL
	EX. ELECTRICAL		PULLBOX
	EX. CABLE TV		PROPOSED CONTOUR
	EX. TELEPHONE		EXISTING CONTOUR
	EX. OVERHEAD POWER LINES		PROPOSED SPOT ELEVATION
	EX. ELEC & PWR POLES		EXISTING SPOT ELEVATION
	TYPICAL CURB & GUTTER, SIDEWALK AND RAMP		PROPOSED SLOPE
	POST AND CABLE FENCE		TOP SLOPE
	WROUGHT IRON FENCE		TOE SLOPE
	CHAIN LINK FENCE		SLOPE DIRECTION
	SAWCUT		FINISH FLOOR ELEVATION
	PAVEMENT RESORATION AREA		
	PROPOSED ABANDONMENT		
	EXISTING ABANDONMENT		
	CUT LINE LIMITS		
	FILL LINE LIMITS		

ABBREVIATIONS

A	AIR	DIA, #	DIAMETER	NOSHA	STATE OF NEVADA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	SIS	SUMMERLIN IMPROVEMENT STANDARDS
AC	ASPHALT CONCRETE, ACRE	DIP	DUCTILE IRON PIPE			SL	STREET LIGHT
ACP	ASBESTOS CEMENT PIPE	DIST	DISTANCE	NPCC	NEVADA POWER COMPANY	SP	SERVICE POINT
ADD'L	ADDITIONAL	DR	DRIVE	NTS	NOT TO SCALE	SQ	SQUARE
AP	ANGLE POINT	DTL	DOWNSPOUT	NVE	NV ENERGY	SR	SEWER RECLAIM MAIN
APN	ASSESSOR'S PARCEL NUMBER	DET	DETAIL	OB	OVERBUILD	SS	SANITARY SEWER
APPROX	APPROXIMATELY	DWG	DRAWING	OC	ON CENTER	SSMH	SANITARY SEWER MANHOLE
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	E	EAST	OHC	OVERHEAD COX COMMUNICATION	STA	STATION
		ECR	END CURB RETURN	OHF	OVERHEAD POWER LINE	STD	STANDARD
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	ELE,ELEC	ELECTRICAL	P	POWER LINE	STL	STEEL
AVE	AVENUE	ELEV	ELEVATION	PB	PULL BOX	STRUCT	STRUCTURE
AVAR	AIR VALVE, AIR RELEASE	EP, EOP	EDGE OF PAVEMENT	PBS	PLANTMIX BITUMINOUS SURFACE	SV	SKY VISTA DRIVE
	ASSEMBLY	ESMT	EASEMENT	PLT	PLATE	SVZ	SIGHT VISIBILITY ZONE
AWWA	AMERICAN WATER WORKS ASSOCIATION	EVC	END VERTICAL CURVE	PC	POINT OF CURVE, PRESSURE CLASS	SW	SIDEWALK
BC	BACK OF CURB	EXIST, EX	EXISTING	PCC	POINT OF COMPOUND CURVE	SWG	SOUTHWEST GAS
BCR	BEGIN CURB RETURN	EXP	EXPANSION JOINT	PE	PROJECT ENGINEER OR	T	TELEPHONE OR TOP
BLM	BUREAU OF LAND MANAGEMENT	FC	FACE OF CURB	P	POLYETHYLENE	TAN	TANGENT
BLVD	BOULEVARD	FF, FFE	FINISH FLOOR ELEVATION	PED	PEDESTRIAN	TB	TOP OF BERM
BM	BENCHMARK	FG	FINISH GRADE	PGL	PROFILE GRADE LINE	TC	TOP OF CURB
BO	BLOW-OFF	FH	FIRE HYDRANT	PH	POTHOLE	TCE	TEMPORARY CONSTRUCTION ESMT
BVCE	BEGIN VERTICAL CURVE	FL	FLOW LINE	PI	POINT OF INTERSECTION	TEL, TELE	TELEPHONE
	ELEVATION	FO	FIBER OPTIC	PV	POST INDICATOR VALVE	TEMP	TEMPORARY
BVCS	BEGIN VERTICAL CURVE STATION	FRP	FIBERGLASS REINFORCED PLASTIC	PL	PROPERTY LINE	TF	TOP OF FOOTING
BVP	BEGIN VERTICAL POINT	FS	FINISH SURFACE	PLCP	POLYURETHANE LINED AND COATED STEEL PIPE	TG	TOP OF GRATE
BW	BACK OF SIDEWALK	FT	FOOT/FEET	PMF	PAVEMENT MARKING FILM	TMH	TOP OF MANHOLE
C, C&G	CENTERLINE	FUT	FUTURE	POB	POINT OF BEGINNING	TP	TOP OF PIPE
C&G	CURB AND GUTTER	G	GAS	POC	POINT ON CURVE, POINT OF CONNECTION	TP	TELEPHONE POLE
CATV	UNDERGROUND CABLE TV	GA	GAGE, GUY ANCHOR	POT	POINT ON TANGENT	TRANS	TRANSITION
CCBM	CLARK COUNTY BENCH MARK	GB	GRADE BREAK	PP	POWER POLE	TRW	TOP OF RETAINING WALL
CCPW	CLARK COUNTY PUBLIC WORKS	GND	GROUND	PROP	PROPOSED	TS	TEST STATION
CCTV	CLOSED-CIRCUIT TELEVISION	GRD	GRADE, GROUND	PRC	POINT OF REVERSE CURVE	TS&V	TAPPING SLEEVE & VALVE
CCWRD	CLARK COUNTY WATER RECLAMATION DISTRICT	H, HGT	HEIGHT	PRVC	POINT OF REVERSE VERTICAL CURVE	TW	TOP OF WALL
CE	CENTRAL ELEMENT	HDWL	HEADWALL			TYP, (TYP)	TYPICAL
CFS	CUBIC FEET PER SECOND	HORIZ	HORIZONTAL	PSI	POUNDS PER SQUARE INCH	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (LATEST EDITION)
CIP	CAPITAL IMPROVEMENTS PROJECT, CORRUGATED IRON PIPE	HP	HIGH POINT, HIGH PRESSURE	PT	POINT OF TANGENCY	UG	UNDERGROUND
CIPM	CURED-IN-PLACE MANHOLE	HPS	HIGH PRESSURE SODIUM	PVC	POLYVINYL CHLORIDE	ULT	ULTIMATE
CIPP	CURED-IN-PLACE PIPE	IBC	INTERNATIONAL BUILDING CODE	PVMT	PAVEMENT	USD, CCAUSD	UNIFORM STD. DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION
CIR	CIRCLE	INV	INVERT	PZ	PRESSURE ZONE	UT	UNDERGROUND TELEPHONE
CLR	CLEAR OR CLEARANCE	INT	INTERM	R, RAD	RADIAL, RADIUS	VAR	VARIABLE/VARIES
CLSM	CONTROLLED LOW STRENGTH MATERIAL	JOINT	JOINT	RCB	REINFORCED CONCRETE BOX	VC	VERTICAL CURVE
CLV	CITY OF LAS VEGAS	L	LENGTH	RCP	REINFORCED CONCRETE PIPE	VCP	VITRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	LEFT	LEFT	RD	ROAD	VERT	VERTICAL
CMU	CONCRETE MASONRY UNIT	LF	LINEAR FEET	RDWY	ROADWAY	VG	VALLEY GUTTER
CNLV	CITY OF NORTH LAS VEGAS	LIP	LIP OF GUTTER	REC	RECTANGULAR	VOL	VOLUME
CO	CLEANOUT	LN	LANE	REF	REFERENCE	W	WATER, WEST
CONC	CONCRETE	LP	LOW POINT, LIGHT POLE	REIN	REINFORCED	W/	WITH
COND	CONDUIT	LS, LSCLP	LANDSCAPE	REQD	REQUIRED	WMH	WATER MANHOLE
CONC	CONCRETE	LVWD	LAS VEGAS VALLEY WATER DISTRICT	RIM	TOP OF RIM ELEVATION	WS	WATER SUPPLY
CONC	CONCRETE	MAX	MAXIMUM	RND	ROUND	WT	WEIGHT
CONC	CONCRETE	MH	MANHOLE	ROW, R/W	RIGHT OF WAY	WTR	WATER
CONC	CONCRETE	MIN	MINIMUM	RP	RADIUS POINT	XING	CROSSING
CONC	CONCRETE	MLTMC	MORTAR LINED TAPE & MORTAR	RPM	RAISED PAVEMENT MARKERS	YD	YARD, YARD DRAIN
CONC	CONCRETE	MOD	MODIFY/MODIFIED	RSV	RESILIENT SEAT GATE VALVE	Z	PRESSURE ZONE
CONC	CONCRETE	MON	MONUMENT	S	SEWER, SOUTH		
CONC	CONCRETE	MOD	MODIFY/MODIFIED	SCH	SCHEDULE		
CONC	CONCRETE	MPH	MILES PER HOUR	SDWK	SIDEWALK		
CONC	CONCRETE	N	NORTH	SD	STORM DRAIN		
CONC	CONCRETE	NAP	NOT A PART	SDMH	STORM DRAIN MANHOLE		
CONC	CONCRETE	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION	SECT	SECTION		
CONC	CONCRETE	N.I.C.	NOT IN CONTRACT	SF	SQUARE FOOT/FEET		
CONC	CONCRETE	No.	NUMBER	SHDR	SHOULDER		
CONC	CONCRETE			SHT	SHEET		

SEWER QUANTITIES (PUBLIC)		
12" C-900	152 LF	
48" MANHOLE	2 EA	
PIPE END CAP	1 EA	

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

STORM DRAIN QUANTITIES (PUBLIC)		
24" RCP	1,404 LF	
30" RCP	55 LF	
48" TYPE II MANHOLE	6 EA	
7.5' TYPE "CM2" DROP INLET	2 EA	
10.0' TYPE "CM2" DROP INLET	2 EA	
12.5' TYPE "CM2" DROP INLET	2 EA	
PLUG AND CAP	1 EA	

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

STREETLIGHT QUANTITIES (PUBLIC)		
STREETLIGHT, 32" SINGLE	16 EA	
STREETLIGHT, 32" TWN	1 EA	
1-1/4" CONDUIT W/ WIRE & T&B	2,801 LF	
SERVICE POINT	6 EA	
TRANSFORMER	2 EA	
#3-1/2" PULLBOX	8 EA	
#5 PULLBOX	6 EA	

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

ROAD IMPROVEMENT QUANTITIES (PRIVATE)		
EXCAVATION	64 CY	
EMBANKMENT	2,232 CY	
NET (FILL)	2,168 CY	
RIP RAP (D ₆₀ -8")	394 CY	

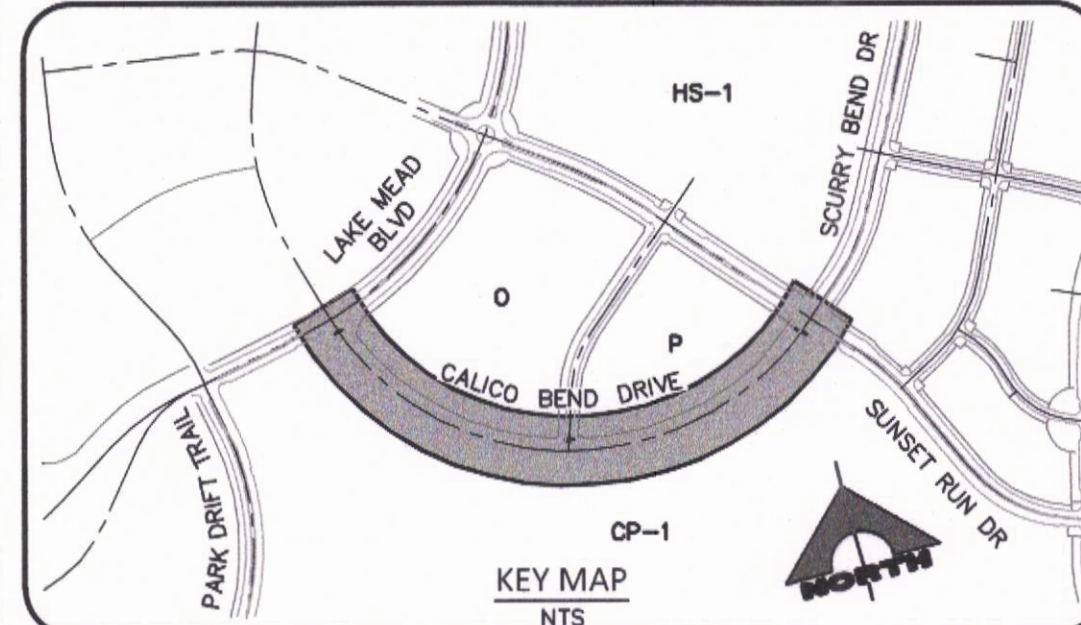
QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

WATER QUANTITIES (PUBLIC)		
6" DIP	16 LF	
12" DIP	37 LF	
20" DIP	1,211 LF	
20"x12" TEE	1 EA	
20"x6" TEE	1 EA	
7.5' GV	2 EA	
12" GV	1 EA	
6" GV	1 EA	
FIRE HYDRANT ASSEMBLY	1 EA	
20" CAP & BLOW-OFF	1 EA	
12" CAP & BLOW-OFF	1 EA	

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

ROAD IMPROVEMENT QUANTITIES (PUBLIC)		
"I" TYPE CURB & GUTTER	4,698 LF	
TYPE "A" CURB	277 LF	
3" A.C. PAVEMENT	9,520 SY	
4" TYPE II AGGREGATE BASE	1,058 CY	
PAVEMENT MARKINGS AND STRIPING	2,236 LF	
SIGNAGE	2,236 LF	

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.



CAUTION: HIGH PRESSURE GAS!!

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

SOUTHERN NEVADA - SOUTHWEST GAS CORPORATION GENERAL NOTES

- IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020
- MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND FACILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS, AND ELECTRIC SHALL BE AT LEAST 12-INCHES OR GREATER AS DICTATED BY LOCAL CODES AND STANDARDS.
 - ANY DEVIATION FROM SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES
- FOR VALVE ADJUSTMENT CONTACT 702-666-6107 48 HOURS PRIOR TO CONSTRUCTION
- IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2099

SOUTHWEST GAS APPROVAL

SOUTHWEST GAS CORPORATION DATE

BASIS OF BEARING AND COORDINATES

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 400,000.00 M (1,312,333.3333 FTUS)
EASTING AT CENTRAL MERIDIAN: 300,000 M (984,250.0000 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)

- NOTES:
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
 - GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK

BM#	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 7LV0934DW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA TRSOS,R59E,S34	3318.31 (FEET)	1,011.422 (METERS)

APPROVED FOR CONSTRUCTION

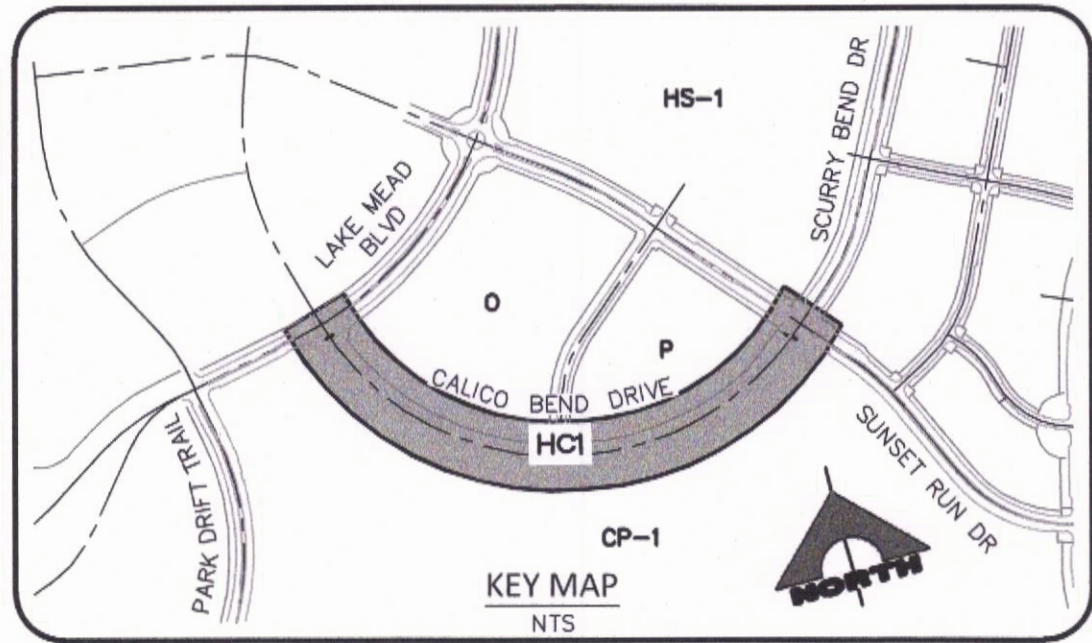
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. XXXXXX FIRST APPROVAL DATE: N/A GPM
LVWD APPROVED FIRE FLOW: TOTAL 1,500 GPM / ON-SITE N/A GPM

L#: CLV#

PROJECT NO. 62025-213
DESIGN: CS
DRAWN: CS
CHECK: LG
PLOT DATE: 04-12-21
PLOT TIME: 09:58:26
PROJECT DATA
THE HOWARD HUGHES COMPANY, LLC
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS
DRAWING
G3
3 OF 26 SHTS

FOR 90% REVIEW - NOT FOR CONSTRUCTION



CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C27	10.00'	6.39'	36°35'55"	3.31
C28	1261.50'	121.68'	5°31'35"	80.89
C29	1216.50'	19.52'	0°55'10"	9.76
C30	10.00'	6.39'	36°35'19"	3.31
C31	10.00'	6.48'	37°09'11"	3.36
C32	1220.50'	1078.28'	50°37'10"	577.18
C33	10.00'	6.48'	37°09'11"	3.36
C34	10.00'	6.39'	36°35'19"	3.31
C35	1216.50'	20.29'	0°57'20"	10.15
C36	3.25'	10.20'	180°00'00"	INFINITY
C37	1235.17'	141.44'	6°33'40"	70.80
C38	3.25'	10.20'	180°00'00"	INFINITY
C39	1241.68'	142.19'	6°33'40"	71.17

BASIS OF BEARING AND COORDINATES

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

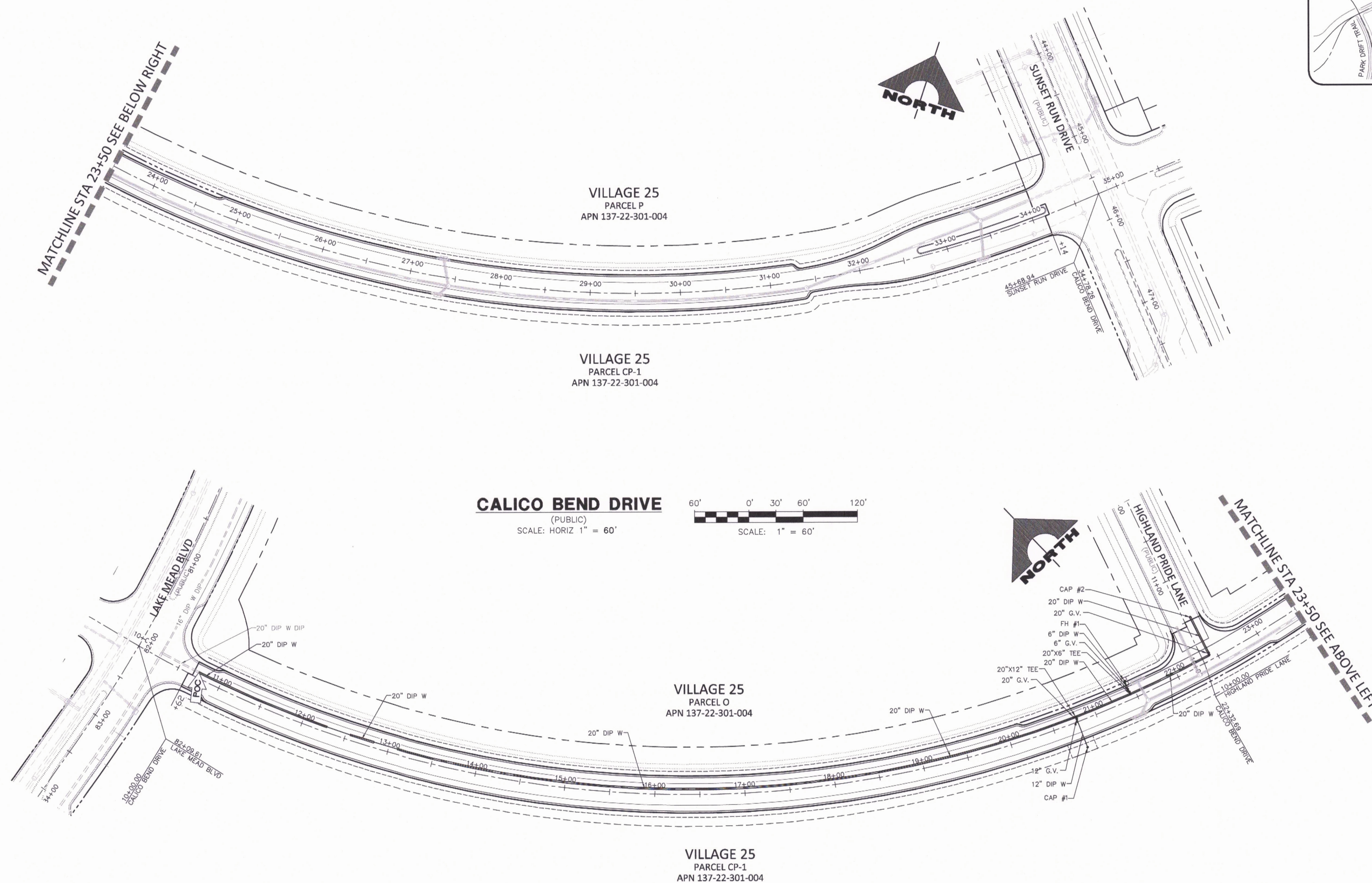
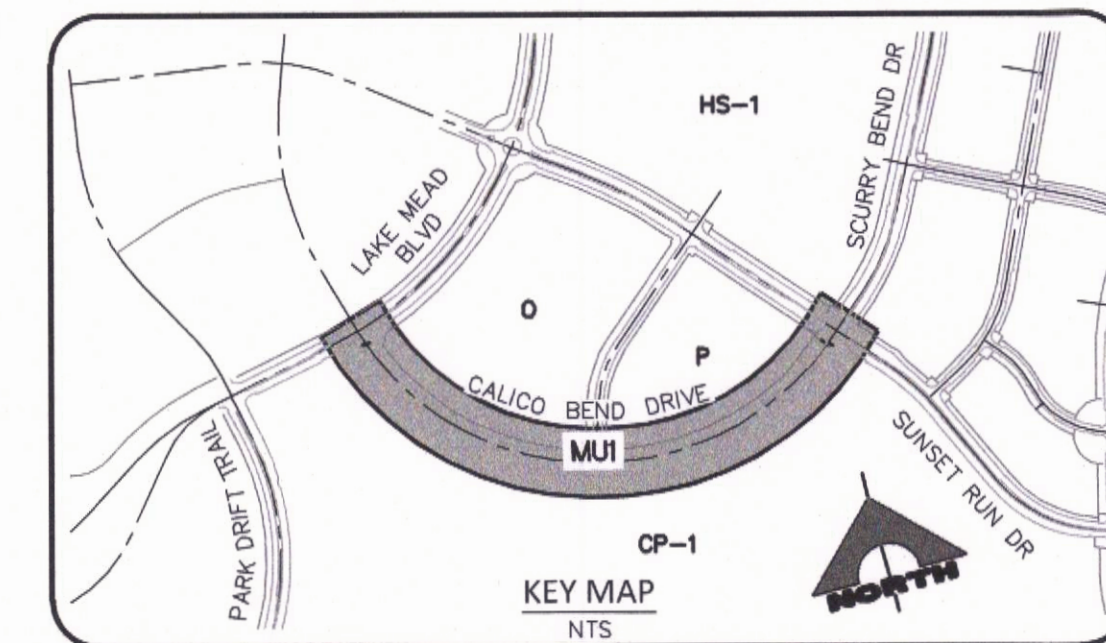
LINEAR UNIT: US SURVEY FOOT (FT/US)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE

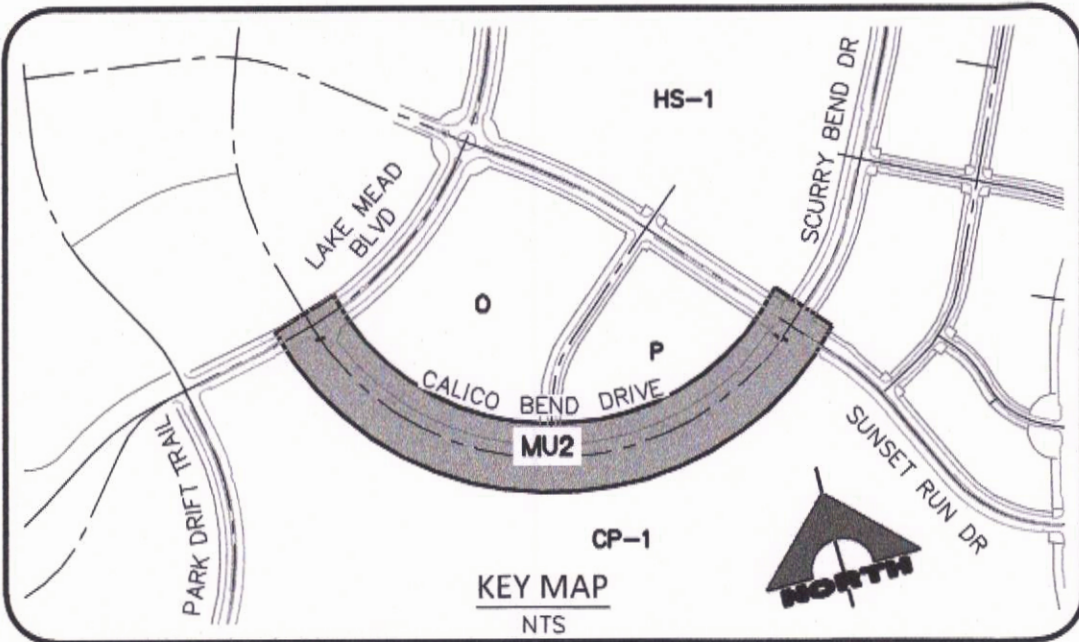
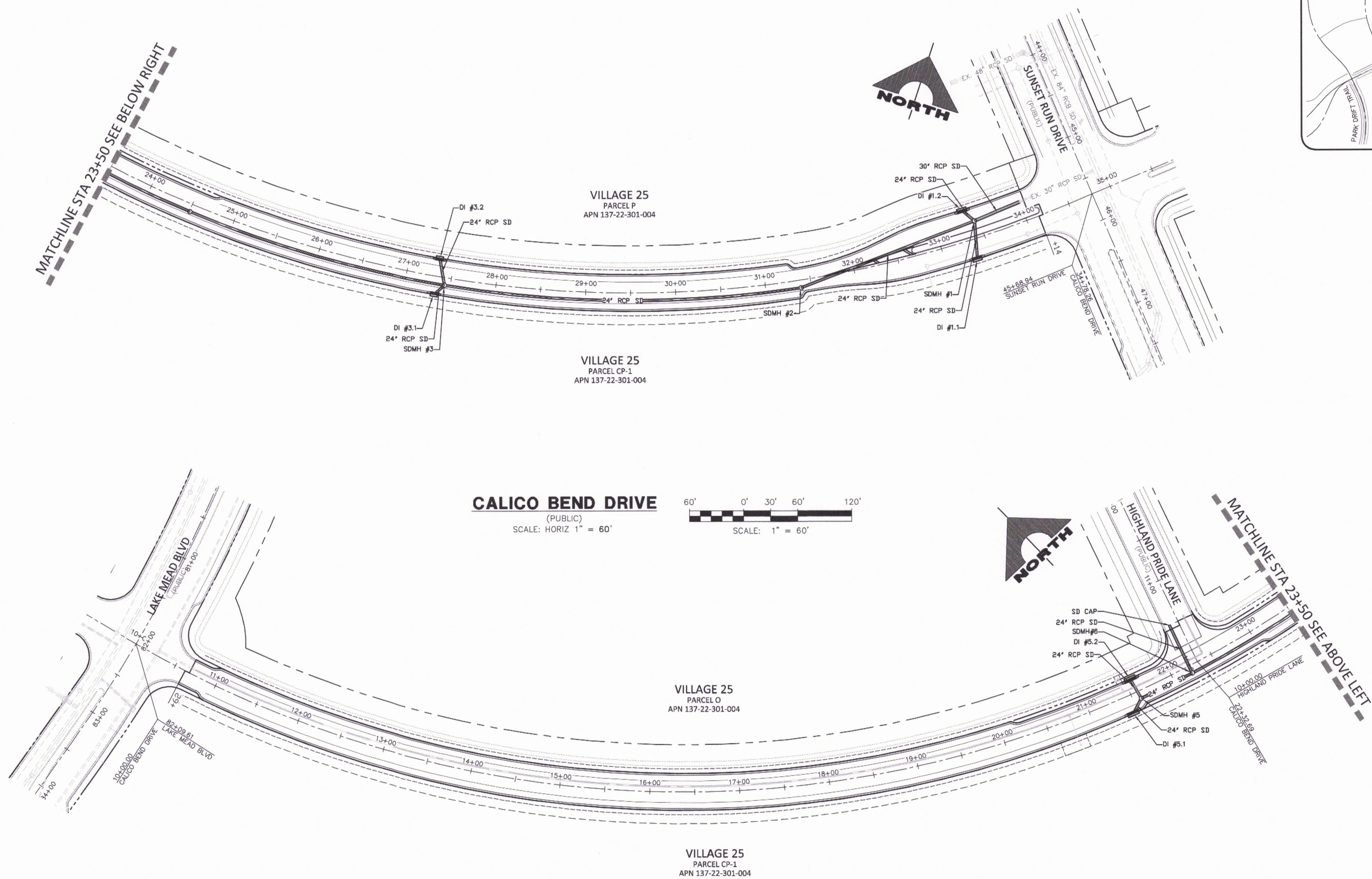
PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 400,000.00 M (1,312,333.3333 FT)
EASTING AT CENTRAL MERIDIAN: 300,000 M (984,250.0000 FT/US)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)

NOTES:

1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK			
BM#	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 7LV0934SW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA DR. T20S,R59E,S34	3318.31 (FEET)	1,011.422 (METERS)





STORM DRAIN STRUCTURE SCHEDULE								
STRUCT. #	STREET NAME	STATION & OFFSET	TC	INV IN	INV OUT	NORTHING	EASTING	SIZE
DI #1.1	CALICO BEND DRIVE	33+34.43, 22.33' RT	3550.95±		3541.51	1293297.23	868685.17	10.0'
DI #1.2	CALICO BEND DRIVE	33+34.43, 35.00' LT	3551.01±	3545.70		1293343.80	868651.73	10.0'
DI #3.1	CALICO BEND DRIVE	27+33.80, 20.50' RT	3585.19±	3579.03		1293073.60	868122.96	7.5'
DI #3.2	CALICO BEND DRIVE	27+33.47, 20.50' LT	3585.21±	3579.05		1293114.15	868116.90	7.5'
DI #5.1	CALICO BEND DRIVE	21+43.92, 20.50' RT	3613.21±	3603.77		1293130.92	867531.70	12.5'
DI #5.2	CALICO BEND DRIVE	21+56.73, 16.50' LT	3612.72±	3602.78		1293161.78	867555.81	12.5'

STORM DRAIN STRUCTURE SCHEDULE								
STRUCT. #	STREET NAME	STATION & OFFSET	RIM	INV IN	INV OUT	NORTHING	EASTING	SIZE
SDMH #1	CALICO BEND DRIVE	33+44.43, 19.21' LT	3550.7±	3540.66 3540.66 3540.66	3540.66	1293336.75	868668.91	48"
SDMH #2	CALICO BEND DRIVE	31+38.76, 8.50' RT	3560.2±	3550.54	3550.54	1293206.58	868508.72	48"
SDMH #3	CALICO BEND DRIVE	27+43.64, 8.50' RT	3584.5±	3574.41 3574.41 3574.41	3574.41	1293086.91	868131.08	48"
SDMH #5	CALICO BEND DRIVE	21+58.96, 8.51' RT	3612.4±	3600.02 3600.02	3600.02	1293137.36	867549.99	48"
SDMH #6	CALICO BEND DRIVE	22+21.82, 8.50' RT	3609.6±	3597.26 3597.26	3597.26	1293118.89	867610.51	48"

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. XXXXXX FIRST APPROVAL DATE: _____

LVWD APPROVED FIRE FLOW: TOTAL 1,500 GPM / ON-SITE N/A GPM

Call before you Dig

Call before you Dig

Call before you Dig

FAST

Call before you UnderGround

FAST

Call before you Dig

Call before you Dig

Call before you Dig

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

MASTER UTILITY PLAN - STORM DRAIN

DRAWING

MU2

6 OF 26 SHTS

PROJECT NO. 62025-213

DESIGN: CS

DRAWN: CS

CHECK: LG

PLOT DATE: 04-12-21

PLOT TIME: 10:01:58

1555 S. RAINBOW BLVD.

LAS VEGAS, NV 89146

T: 702.804.2000

F: 702.804.2299

gowingengineering.com

ENGINEERS & SURVEYORS

FOR 90% REVIEW - NOT FOR CONSTRUCTION

STATE OF NEVADA

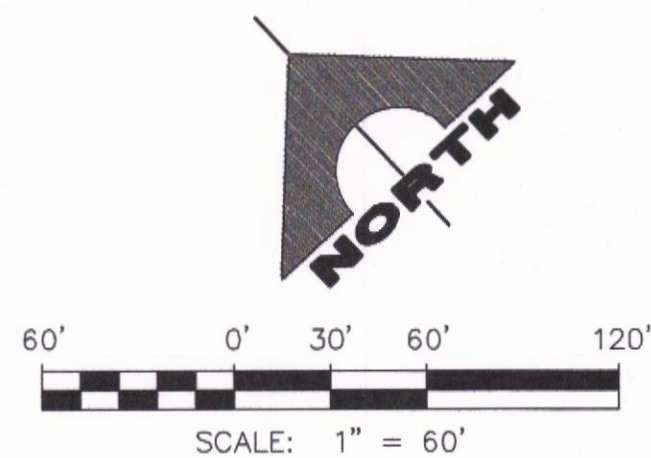
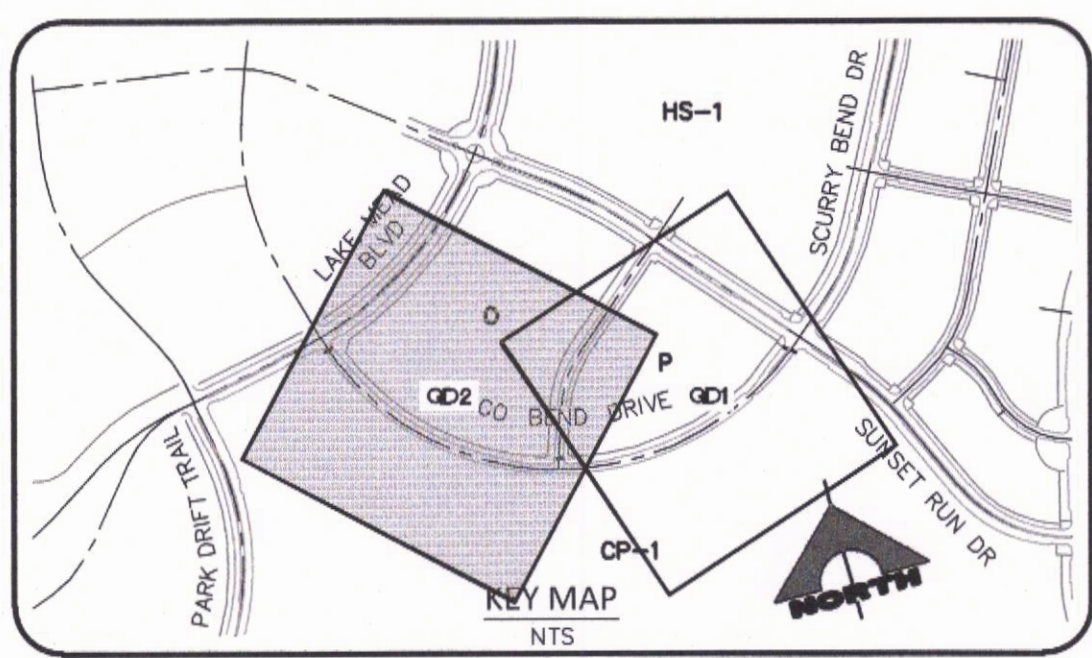
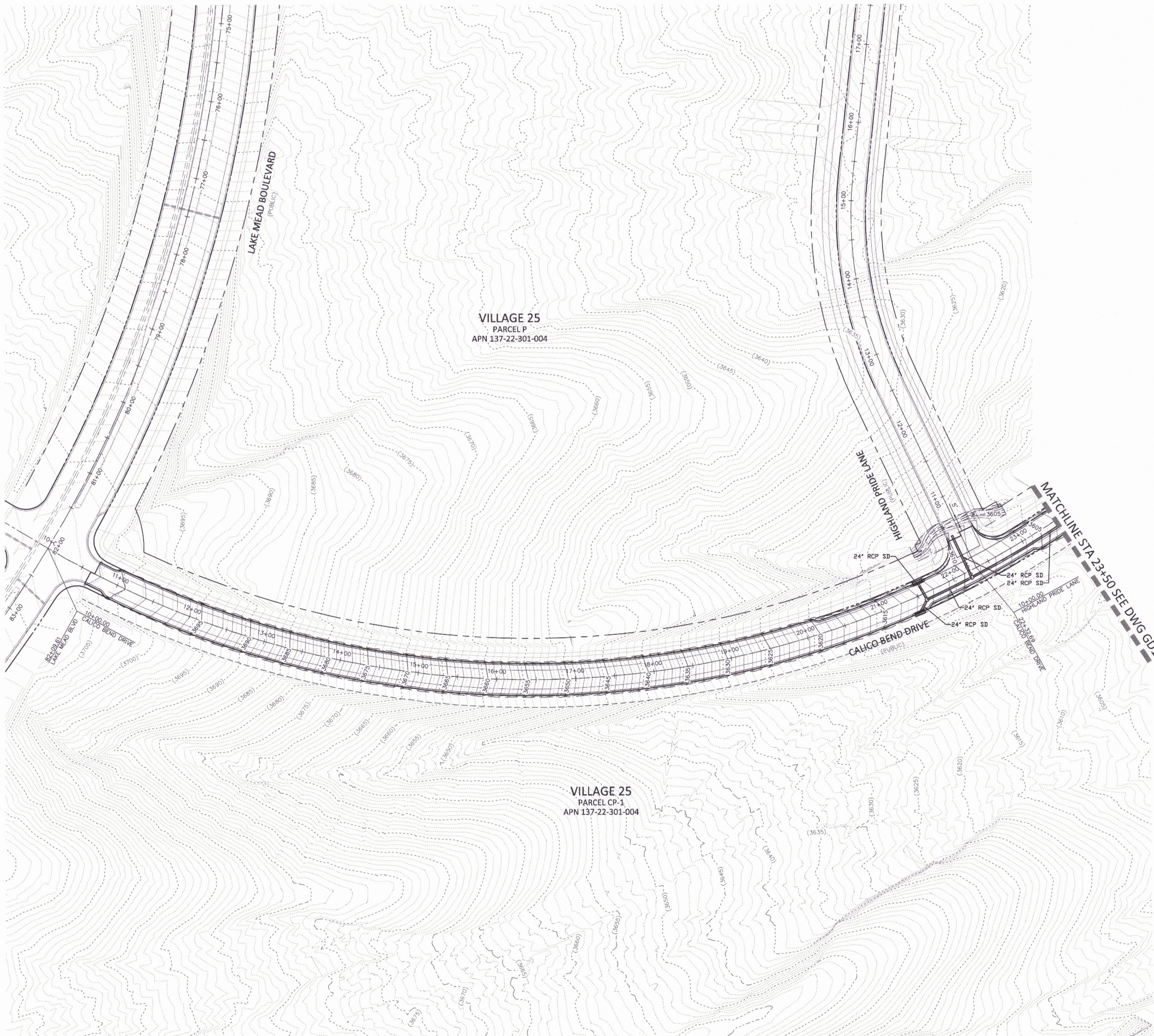
PROFESSIONAL ENGINEER

GRADUATE

EX. 06/29/2021

NO. 100000

DATE: 04/12/2021



OFF-SITE FLOOD CONTROL NOTE
ALL OFF-SITE INTERIM FLOOD CONTROL FACILITIES SUCH AS, BUT NOT LIMITED TO, BERMS, DITCHES AND TEMPORARY SUMPS ARE PRIVATELY OWNED AND ARE TO BE PRIVATELY MAINTAINED BY THE HOWARD HUGHES COMPANY.

BASIS OF BEARING AND COORDINATES
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.
LINEAR UNIT: US SURVEY FOOT (FTUS)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE
PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 400,000.00 M (1,312,333.3333 FTUS)
EASTING AT CENTRAL MERIDIAN: 300,000 M (984,250.0000 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)
NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK			
BM#	DESCRIPTION	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
CLV BM No. 7LV0934SW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA DR. T20S,R59E,S34	3318.31	1,011.422

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1-702-432-5300
FREEMAN AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Overhead
1-702-227-2929
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

PROJECT NO.	62025-213
DESIGN:	CS
DRAWN:	CS
CHECK:	LG
PLOT DATE:	04-12-21
PLOT TIME:	10:04:29

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

GRADING PLAN 2

DRAWING

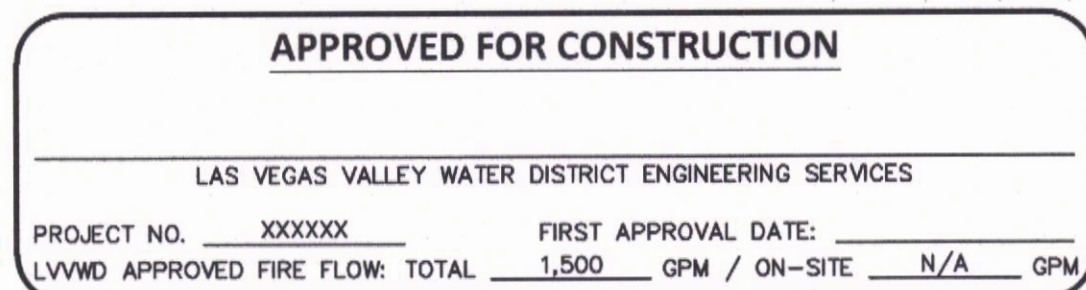
GD2

10 OF 26 SHTS

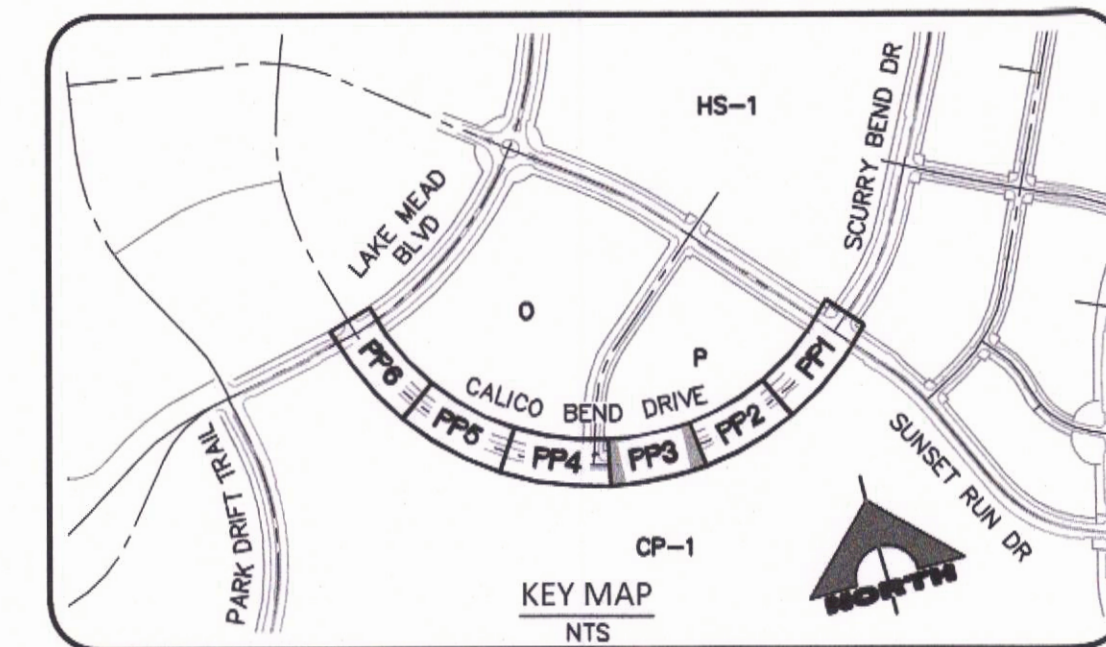
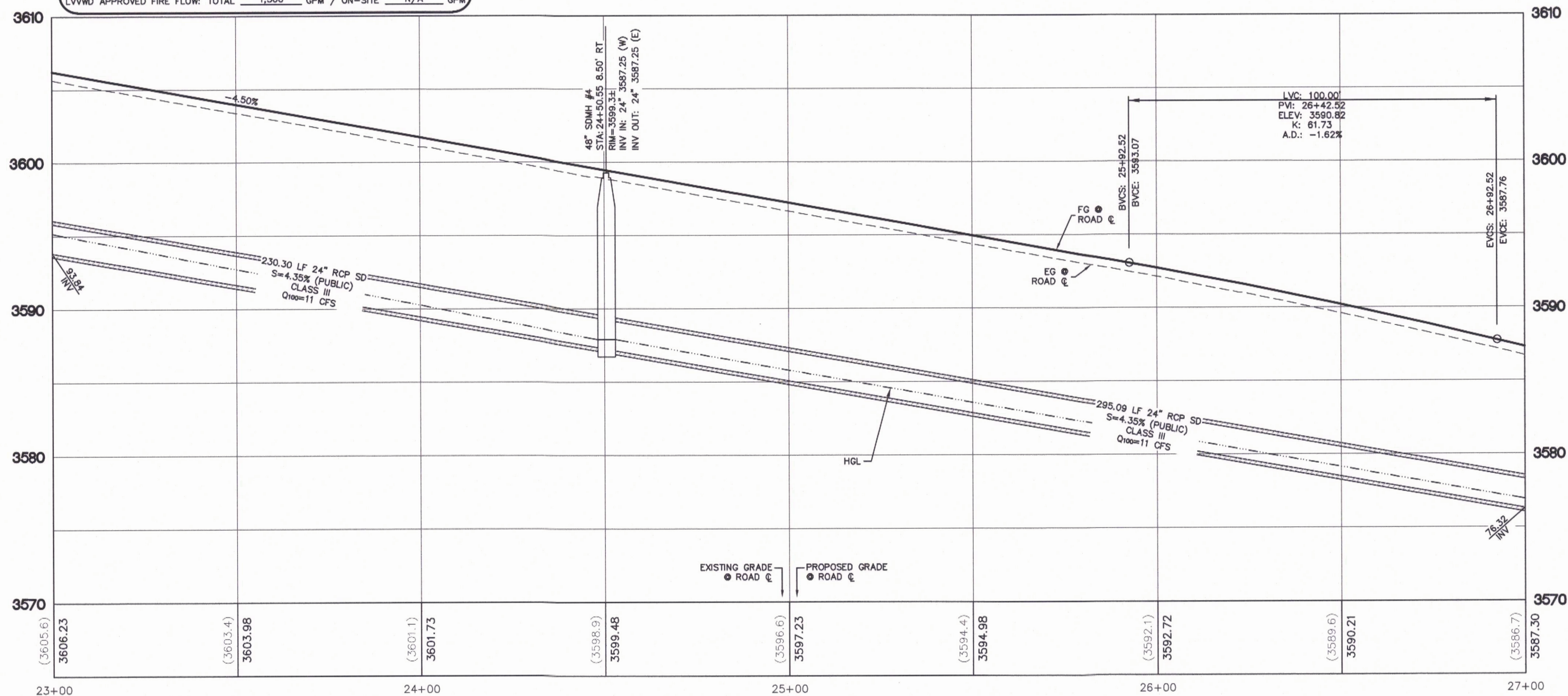
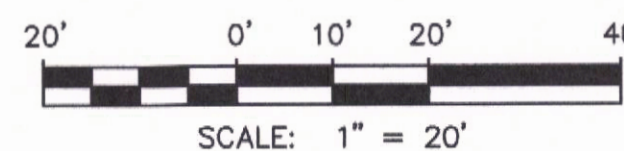
1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gchengraving.com

CHRISTIAN SALCEDO

FOR 90% REVIEW - NOT FOR CONSTRUCTION



(PUBLIC)
SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



1	EXISTING PAVEMENT, PROTECT IN PLACE
2	EXISTING CURB/GUTTER, PROTECT IN PLACE
3	EXISTING PULLBOX, ADJUST TO FINISH GRADE
4	EXISTING TEST STATION, ADJUST TO FINISH GRADE
5	EXISTING BLOW-OFF, ADJUST TO FINISH GRADE PER UDACS PLT. No. 37
6	EXISTING AVAL, ADJUST TO FINISH GRADE PER UDACS PLT. No. 38
7	EXISTING GATE VALVE, ADJUST TO FINISH GRADE PER UDACS PLT. No. 39
8	EXISTING WATER VAULT MH, ADJUST TO FINISH GRADE PER UDACS PLT. No. C-475
9	EXISTING SSMH, ADJUST TO FINISH GRADE

1 R	INSTALL A.C. PAVEMENT PER STREET SECTIONS, SEE DWG DT1
2 R	INSTALL "L" TYPE CURB & GUTTER, SEE SUMMERLIN STD DWG S-47
3 R	INSTALL "A" TYPE ISLAND CURB, SEE SUMMERLIN STD DWG S-50
4 R	INSTALL 8' CROSS GUTTER PER USD DWG. NO. 228
5 R	CONSTRUCT SIDEWALK RAMP PER USD DWG No. 235 (CASE II) AND DETAILS ON DWG. DT3

1 W	INSTALL FIRE HYDRANT & ASSEMBLY PER UDACS PLT. No. 40
2 W	INSTALL GATE VALVE AND BOX PER UDACS PLT. No. 30 AND 39
3 W	INSTALL TEE PER UDACS PLT. No. 31
4 W	INSTALL HORIZONTAL BEND PER UDACS PLT. No. 31 (SEE PLAN FOR ANGLE)
5 W	INSTALL REDUCER PER UDACS PLT. No. 31
6 W	INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY PER UDACS PLT. No. 36
7 W	INSTALL 1-½" WATER METER AND 1-½" RPPA PER UDACS PLT. No. 4 AND 8
8 W	INSTALL VERTICAL BEND PER UDACS PLT. No. 31 (SEE PROFILE FOR ANGLE)
9 W	REMOVE CAP AND BLOWOFF PER UDACS PLT. No. 36 AND CONNECT TO EXISTING WATER LINE.

1
S INSTALL SEWER MANHOLE PER DCS STD. DWG. 1A AND 1B

2
S STUB AND CAP SEWER PIPE PER DETAIL 2, DRAWING DT4

3
S REMOVE PLUG & CONNECT TO SEWER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. SEWER PRIOR TO CONSTRUCTION)

1	SD	INSTALL TYPE II-SD MANHOLE PER USD DWG. No. 405.2
2	SD	INSTALL TYPE "CM2" DROP INLET PER USD DWG. No. 412.1 AND 421
3	SD	INSTALL TEMPORARY PLUG AND CAP
4	SD	REMOVE PLUG & CONNECT TO EX. STORM DRAIN TO NEAREST RCP JOINT OR W/ CONCRETE COLLAR PER DETAIL 2 ON DWG. D72 (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. STORM DRAIN PRIOR TO CONSTRUCTION)

 BANK "A": 1-6" & 2-4" SCH 40 PVC, PER DETAIL 3 DRAWING DT4

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FUS)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LATITUDE OF CENTRAL MERIDIAN: 114°56'00"W
NORTHING AT CENTRAL MERIDIAN: 0.000,000 M (1,312,333.333 FUS)
EASTING AT CENTRAL MERIDIAN: 300,000 M (984,250.000 FUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)

NOTES:

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BM#	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 7LV0934SW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA DR. T20S,R59E,S34	3318.31 (FEET)	1,011.422 (METERS)

Call before you Dig
Avoid cutting underground utility lines. It's costly.

Call
811

OR

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

CLV#:



REV	DRAWN	CHECKED	DATE	BY	REVISION

PROJECT NO.
62025-213

DESIGN: CS
DRAWN: CS
CHECK: LG

PLOT DATE: 04-12-21
PLOT TIME: 10:15:40

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

GCL
ENGINEERS & SURVEYORS

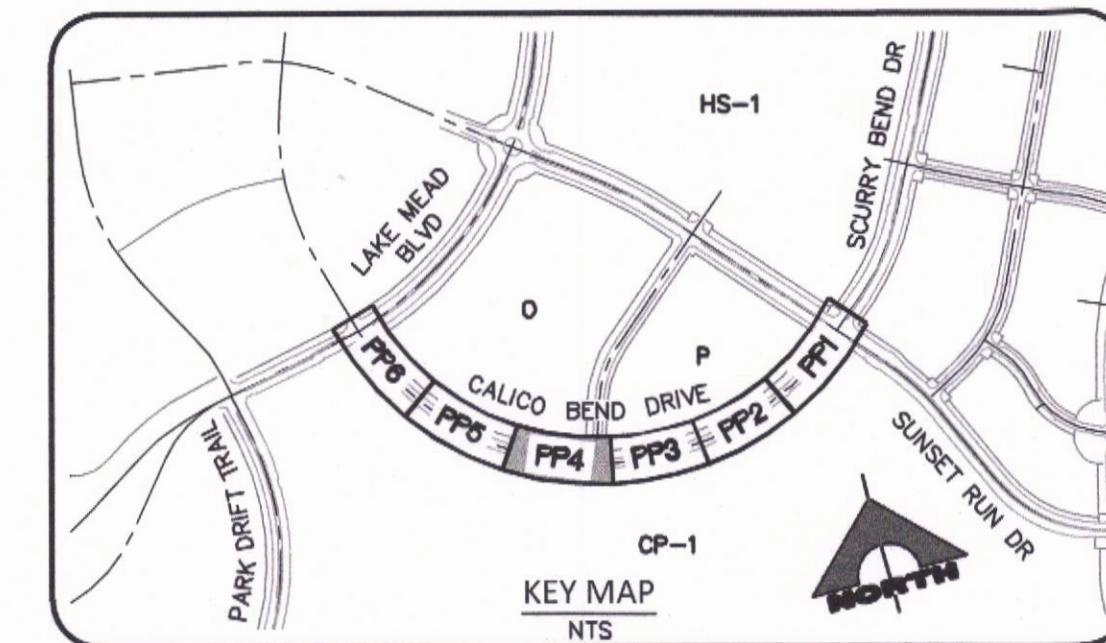
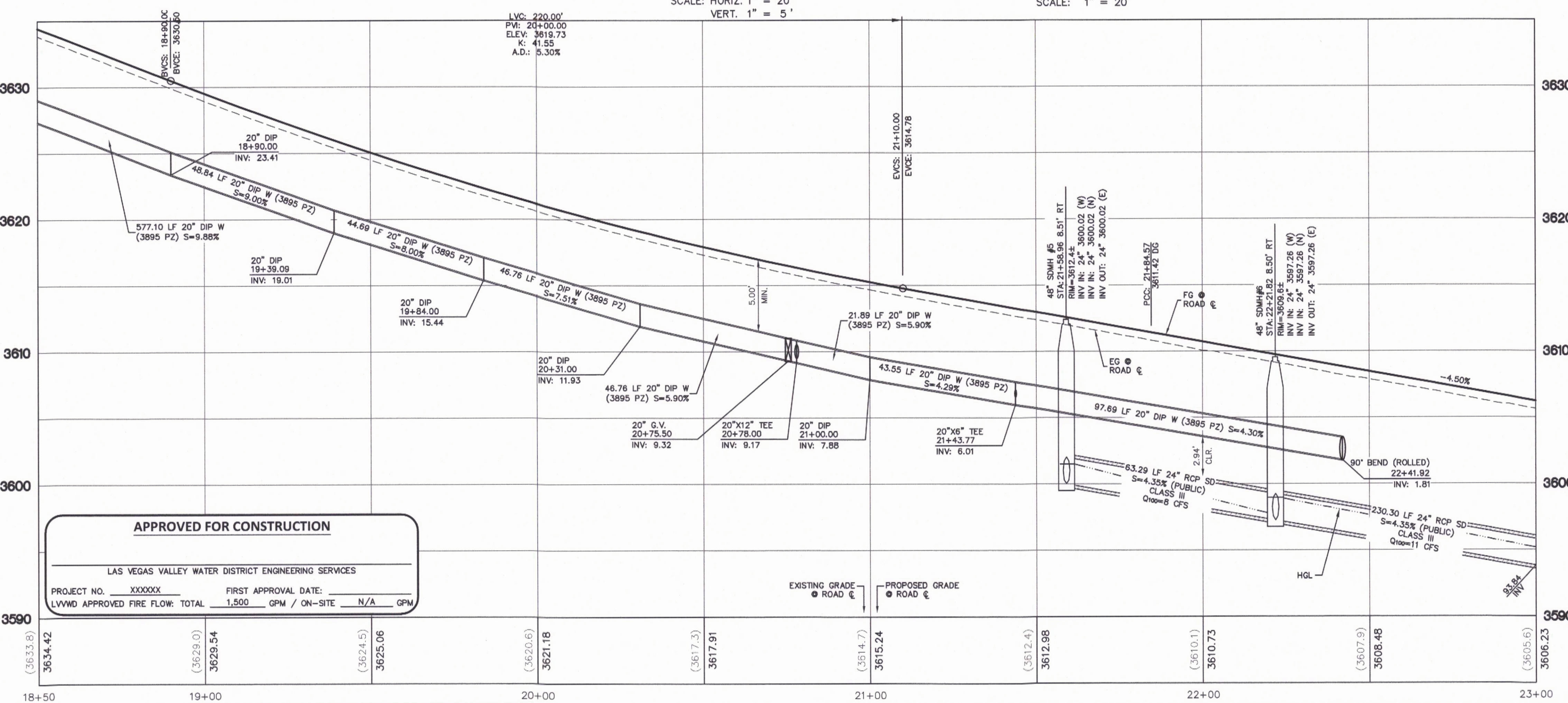
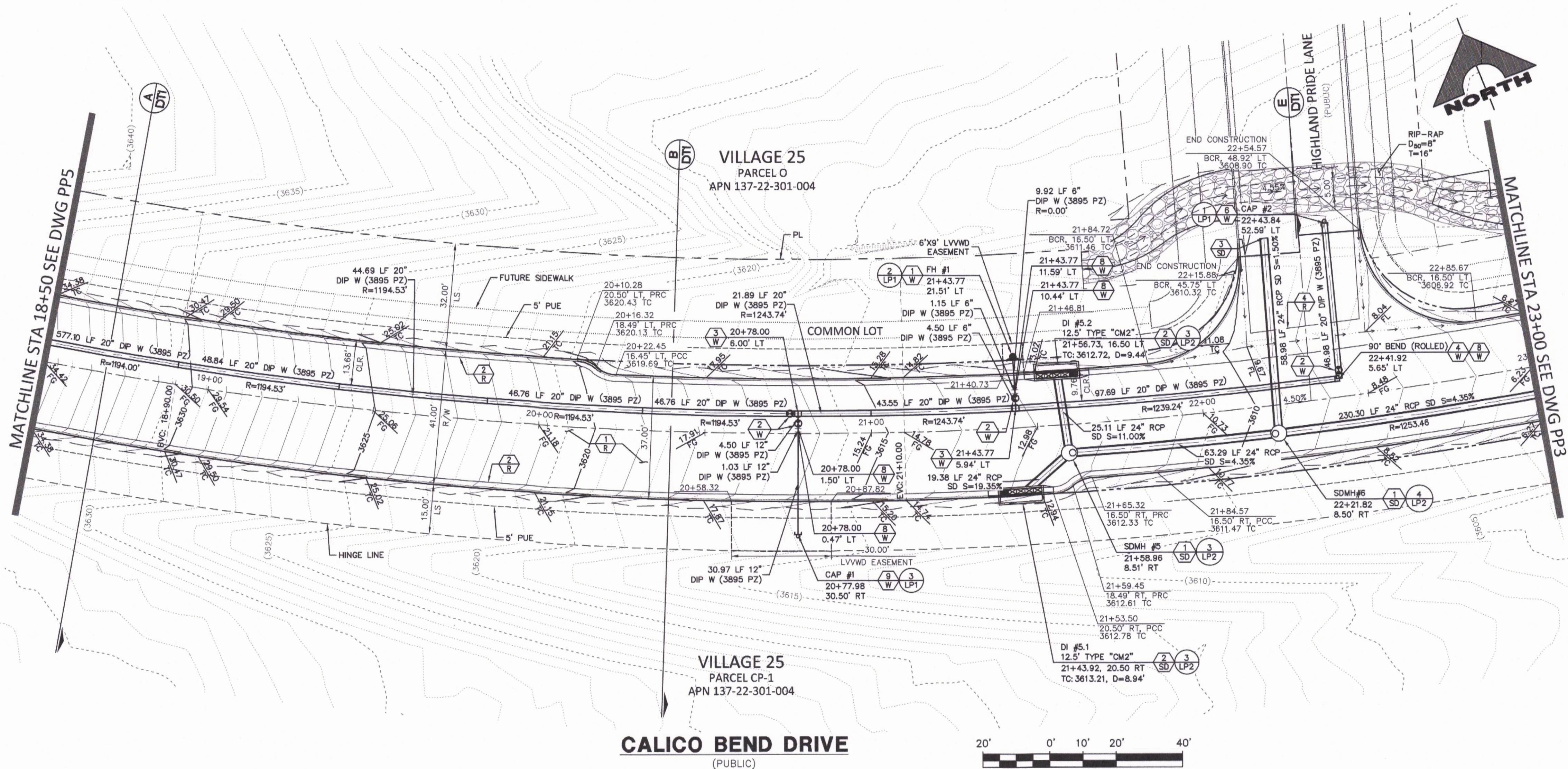
THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

PLAN AND PROFILE 3

DRAWING
PP3

13 OF 26 SHTS



- PROTECTION CONSTRUCTION NOTES**
- EXISTING PAVEMENT, PROTECT IN PLACE
 - EXISTING CURB/GUTTER, PROTECT IN PLACE
 - EXISTING PULLBOX, ADJUST TO FINISH GRADE
 - EXISTING TEST STATION, ADJUST TO FINISH GRADE
 - EXISTING BLOW-OFF, ADJUST TO FINISH GRADE PER UDACS PLT. No. 37
 - EXISTING AVAL, ADJUST TO FINISH GRADE PER UDACS PLT. No. 38
 - EXISTING GATE VALVE, ADJUST TO FINISH GRADE PER UDACS PLT. No. 39
 - EXISTING WATER VAULT MH, ADJUST TO FINISH GRADE PER UDACS PLT. No. C-475
 - EXISTING SSMH, ADJUST TO FINISH GRADE
- ROADWAY CONSTRUCTION NOTES**
- INSTALL A.C. PAVEMENT PER STREET SECTIONS, SEE DWG DT1
 - INSTALL "L" TYPE CURB & GUTTER, SEE SUMMERLIN STD DWG S-47
 - INSTALL "A" TYPE ISLAND CURB, SEE SUMMERLIN STD DWG S-50
 - INSTALL 8" CROSS GUTTER PER USD DWG. No. 228
 - CONSTRUCT SIDEWALK RAMP PER USD DWG No. 235 (CASE II) AND DETAILS ON DWG. DT3
- WATER CONSTRUCTION NOTES**
- INSTALL FIRE HYDRANT & ASSEMBLY PER UDACS PLT. No. 40
 - INSTALL GATE VALVE AND BOX PER UDACS PLT. No. 30 AND 39
 - INSTALL TEE PER UDACS PLT. No. 31
 - INSTALL HORIZONTAL BEND PER UDACS PLT. No. 31 (SEE PLAN FOR ANGLE)
 - INSTALL REDUCER PER UDACS PLT. No. 31
 - INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY PER UDACS PLT. No. 36
 - INSTALL 1-1/2" WATER METER AND 1-1/2" RPPA PER UDACS PLT. No. 4 AND 8
 - INSTALL VERTICAL BEND PER UDACS PLT. No. 31 (SEE PROFILE FOR ANGLE)
 - REMOVE CAP AND BLOWOFF PER UDACS PLT. No. 36 AND CONNECT TO EXISTING WATER LINE
- SEWER CONSTRUCTION NOTES**
- INSTALL SEWER MANHOLE PER DCS STD. DWG. 1A AND 1B
 - STUB AND CAP SEWER PIPE PER DETAIL 2, DRAWING DT4
 - REMOVE PLUG & CONNECT TO SEWER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. SEWER PRIOR TO CONSTRUCTION)
- STORM DRAIN CONSTRUCTION NOTES**
- INSTALL TYPE II-SD MANHOLE PER USD DWG. No. 405.2
 - INSTALL TYPE "CM2" DROP INLET PER USD DWG. No. 412.1 AND 421
 - INSTALL TEMPORARY PLUG AND CAP
 - REMOVE PLUG & CONNECT TO EX. STORM DRAIN TO NEAREST RCP JOINT OR W/ CONCRETE COLLAR PER DETAIL 2 ON DWG. DT2 (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. STORM DRAIN PRIOR TO CONSTRUCTION)
- IRRIGATION CONSTRUCTION NOTES**
- BANK "A": 1-6" & 2-4" SCH 40 PVC. PER DETAIL 3 DRAWING DT4

BASIS OF BEARING AND COORDINATES

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 400,000.00 M (1,312,333.3333 FTUS)
EASTING AT CENTRAL MERIDIAN: 300,000 M (984,250.0000 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)

NOTES:

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BENCHMARK

BM#	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 7LV0934SW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA DR. T20S,R59E,S34	3318.31 (FEET)	1,011.422 (METERS)

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Avoid cutting underground utility lines. It's costly.

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1-702-482-6300
FREEMAN AND ARTERIAL SYSTEM OF TRANSPORTATION

CALL BEFORE YOU DO OVERHEAD
AHEAD WITHIN OVERHEAD POWER LINES. IT'S COSTLY.
1-702-227-2929

Call before you Dig
Call
1-800-227-2800

Call before you Dig
Call
1-800-227-2800

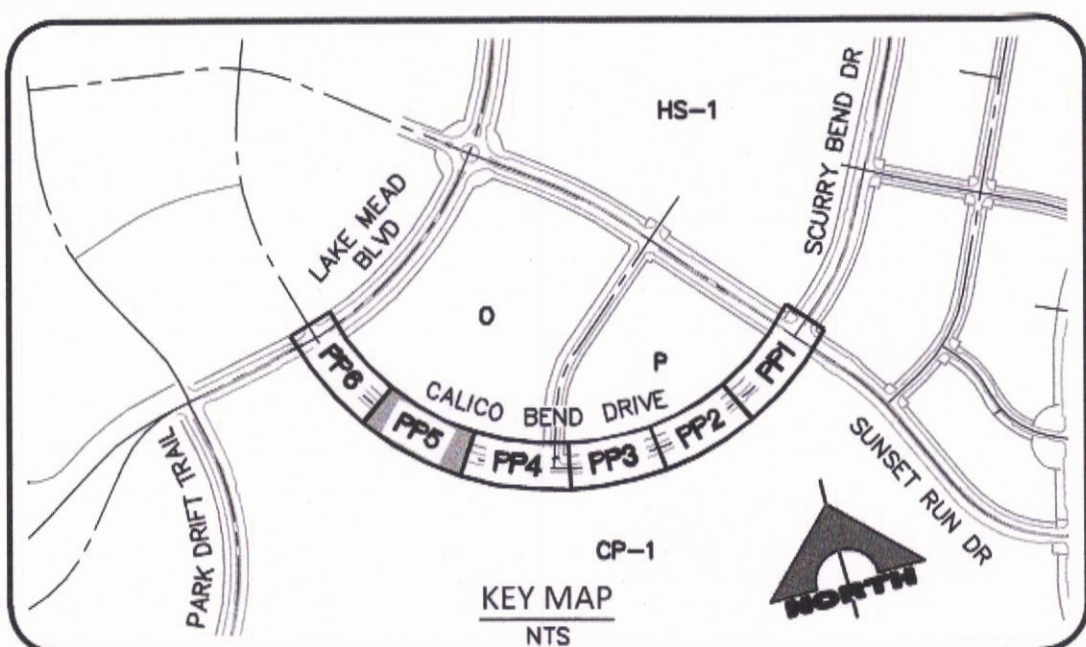
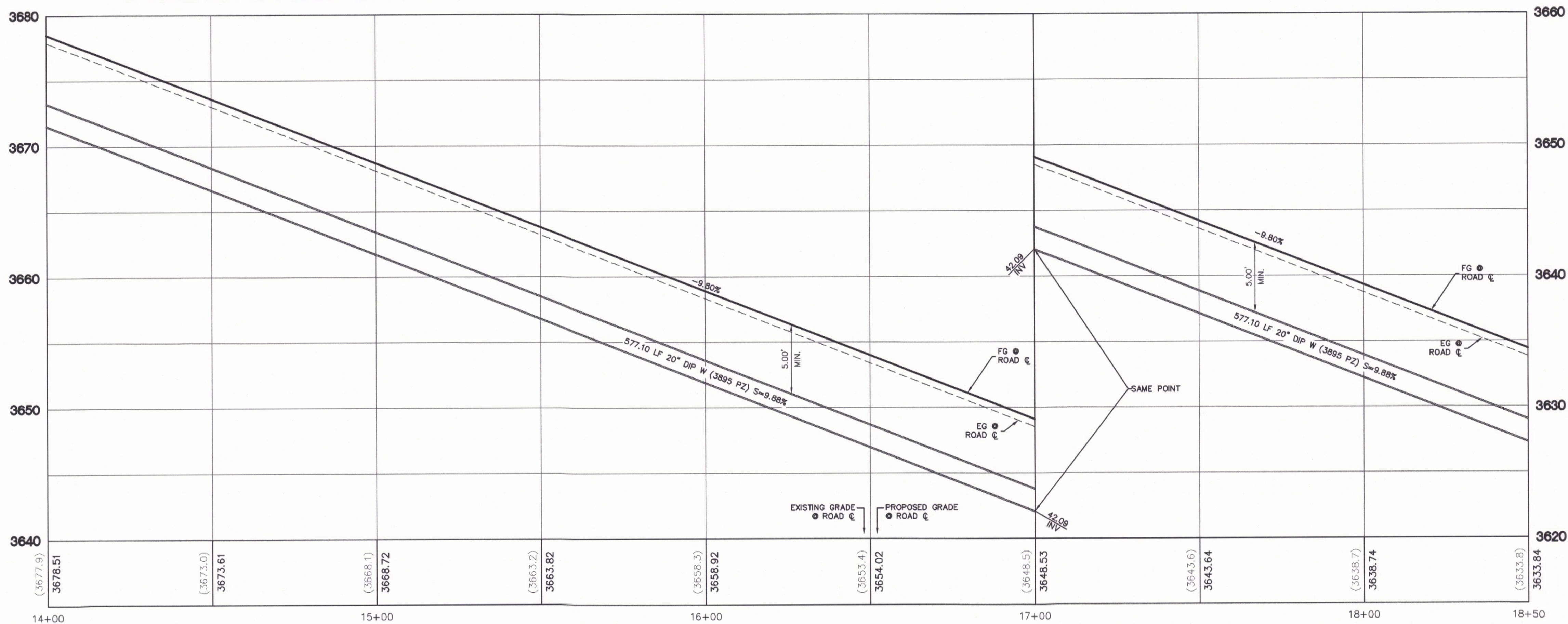
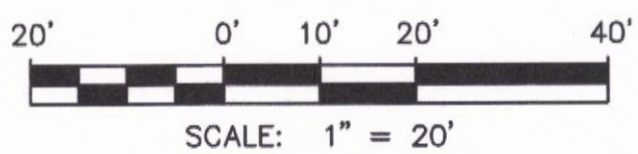
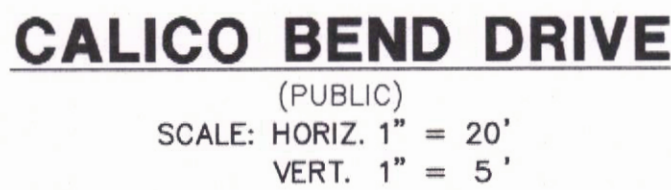
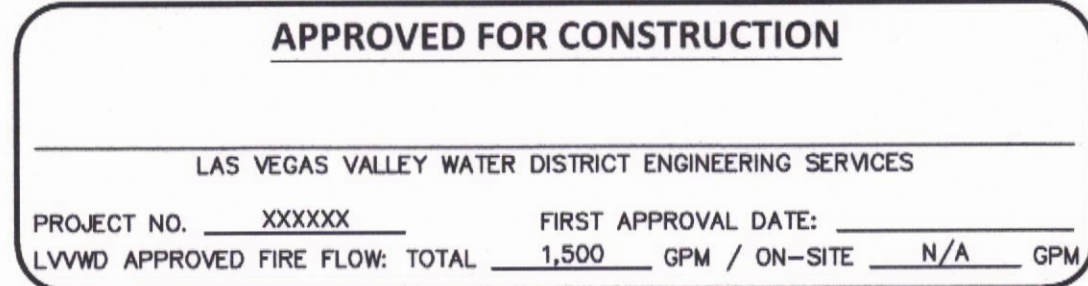
THE HOWARD HUGHES COMPANY, LLC
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS
PLAN AND PROFILE 4

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

PROJECT NO. 62025-213
DESIGN: CS
DRAWN: CS
CHECK: LG
PLOT DATE: 04-12-21
PLOT TIME: 10:16:01
CREATED: SAGECDO

DRAWING
PP4
14 OF 26 SHTS

FOR 90% REVIEW - NOT FOR CONSTRUCTION



PROTECTION CONSTRUCTION NOTES

- | | |
|--------|--|
| 1
P | EXISTING PAVEMENT, PROTECT IN PLACE |
| 2
P | EXISTING CURB/GUTTER, PROTECT IN PLACE |
| 3
P | EXISTING PULLBOX, ADJUST TO FINISH GRADE |
| 4
P | EXISTING TEST STATION, ADJUST TO FINISH GRADE |
| 5
P | EXISTING BLOW-OFF, ADJUST TO FINISH GRADE PER UDACS PLT. No. 37 |
| 6
P | EXISTING AVAR, ADJUST TO FINISH GRADE PER UDACS PLT. No. 38 |
| 7
P | EXISTING GATE VALVE, ADJUST TO FINISH GRADE PER UDACS PLT. No. 39 |
| 8
P | EXISTING WATER VAULT MH, ADJUST TO FINISH GRADE PER UDACS PLT. No. C-475 |
| 9
P | EXISTING SSMH, ADJUST TO FINISH GRADE |

ROADWAY CONSTRUCTION NOTES

- | | |
|--------|---|
| 1
R | INSTALL A.C. PAVEMENT PER STREET SECTIONS, SEE DWG DT1 |
| 2
R | INSTALL "L" TYPE CURB & GUTTER, SEE SUMMERLIN STD DWG S-47 |
| 3
R | INSTALL "A" TYPE ISLAND CURB, SEE SUMMERLIN STD DWG S-50 |
| 4
R | INSTALL 8" CROSS GUTTER PER USD DWG. NO. 228 |
| 5
R | CONSTRUCT SIDEWALK RAMP PER USD DWG No. 235 (CASE II) AND DETAILS ON DWG. DT3 |

WATER CONSTRUCTION NOTES

- | | |
|--------|---|
| 1
W | INSTALL FIRE HYDRANT & ASSEMBLY PER UDACS PLT. No. 40 |
| 2
W | INSTALL GATE VALVE AND BOX PER UDACS PLT. No. 30 AND 39 |
| 3
W | INSTALL TEE PER UDACS PLT. No. 31 |
| 4
W | INSTALL HORIZONTAL BEND PER UDACS PLT. No. 31 (SEE PLAN FOR ANGLE) |
| 5
W | INSTALL REDUCER PER UDACS PLT. No. 31 |
| 6
W | INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY PER UDACS PLT. No. 36 |
| 7
W | INSTALL 1- $\frac{1}{2}$ " WATER METER AND 1- $\frac{1}{2}$ " RPPA PER UDACS PLT. No. 4 AND 8 |
| 8
W | INSTALL VERTICAL BEND PER UDACS PLT. No. 31 (SEE PROFILE FOR ANGLE) |
| 9
W | REMOVE CAP AND BLOWOFF PER UDACS PLT. No. 36 AND CONNECT TO EXISTING WATER LINE. |

SEWER CONSTRUCTION NOTES

- | | |
|--------|--|
| 1
S | INSTALL SEWER MANHOLE PER DCS STD. DWG. 1A AND 1B |
| 2
S | STUB AND CAP SEWER PIPE PER DETAIL 2, DRAWING DT4 |
| 3
S | REMOVE PLUG & CONNECT TO SEWER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. SEWER PRIOR TO CONSTRUCTION) |

STORM DRAIN CONSTRUCTION NOTES

- | | |
|---------|--|
| 1
SD | INSTALL TYPE II-SD MANHOLE PER USD DWG. No. 405.2 |
| 2
SD | INSTALL TYPE "CM2" DROP INLET PER USD DWG. No. 412.1 AND 421 |
| 3
SD | INSTALL TEMPORARY PUG AND CAP |
| 4
SD | REMOVE PUG & CONNECT TO EX. STORM DRAIN TO NEAREST RCP JOINT OR W/ CONCRETE COLLAR PER DETAIL 2 ON DWG. DT2 (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX. STORM DRAIN PRIOR TO CONSTRUCTION) |

IRRIGATION CONSTRUCTION NOTES

- BANK "A": 1-6" & 2-4" SCH 40 PVC. PER DETAIL 3 DRAWING DT4

BASIS OF BEARING AND COORDINATES

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FUS)
DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION ZONE

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
CENTRAL MERIDIAN (AND LONGITUDE OF GRID ORIGIN): 114°58'00"W
NORTHING AT GRID ORIGIN: 000,000.0 M (1,312,333.3333 FTUS)
EASTING AT CENTRAL MERIDIAN: 300,000.0 M (984,250.0000 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)

NOTES:

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BENCHMARK			
BM#	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 7LV0934SW6	FIND RIVET AND PLATE IN TOP OF CURB SE CORNER OF DESERT MOON RD. AND SKY VISTA DR. T20S,R59E,S34	3318.31 (FEET)	1,011.422 (METERS)



L#

CLV#:

[illegible][illegible]PROJECT NO.
62025-213

DESIGN:	CS
DRAWN:	CS

PLOT DATE: 04-12-21
PLOT TIME: 10:16:22

1555 S. RAINBOW BLVD.

T: 702.804.2000
F: 702.804.2299

SC05_PP.DWG

ay

100

PROJECTS\600\62025-213\DWG\PRODUCTION\62025-213

THE HOWARD HUGHES COMPANY, LLC

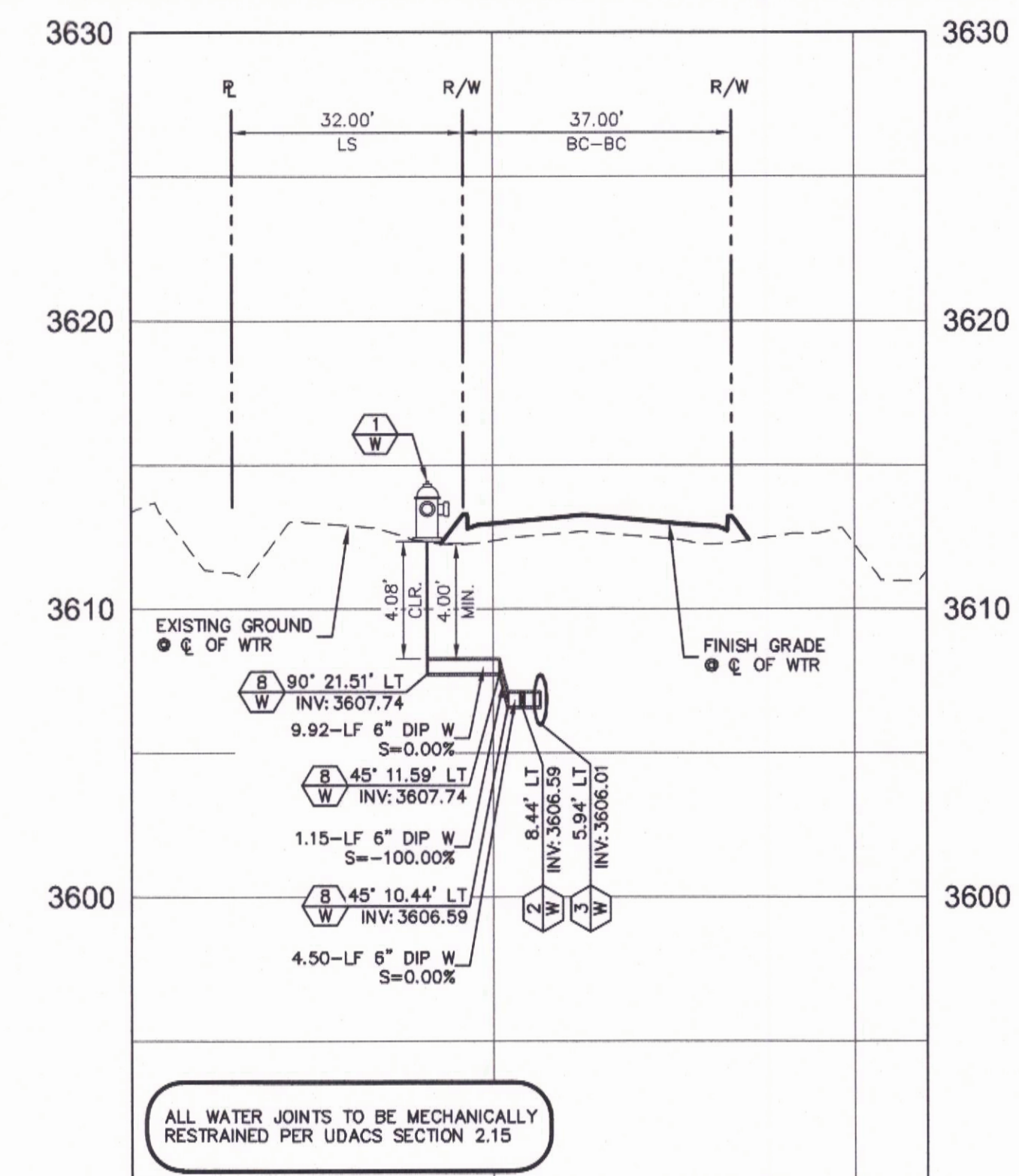
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

PLAN AND PROFILE 5

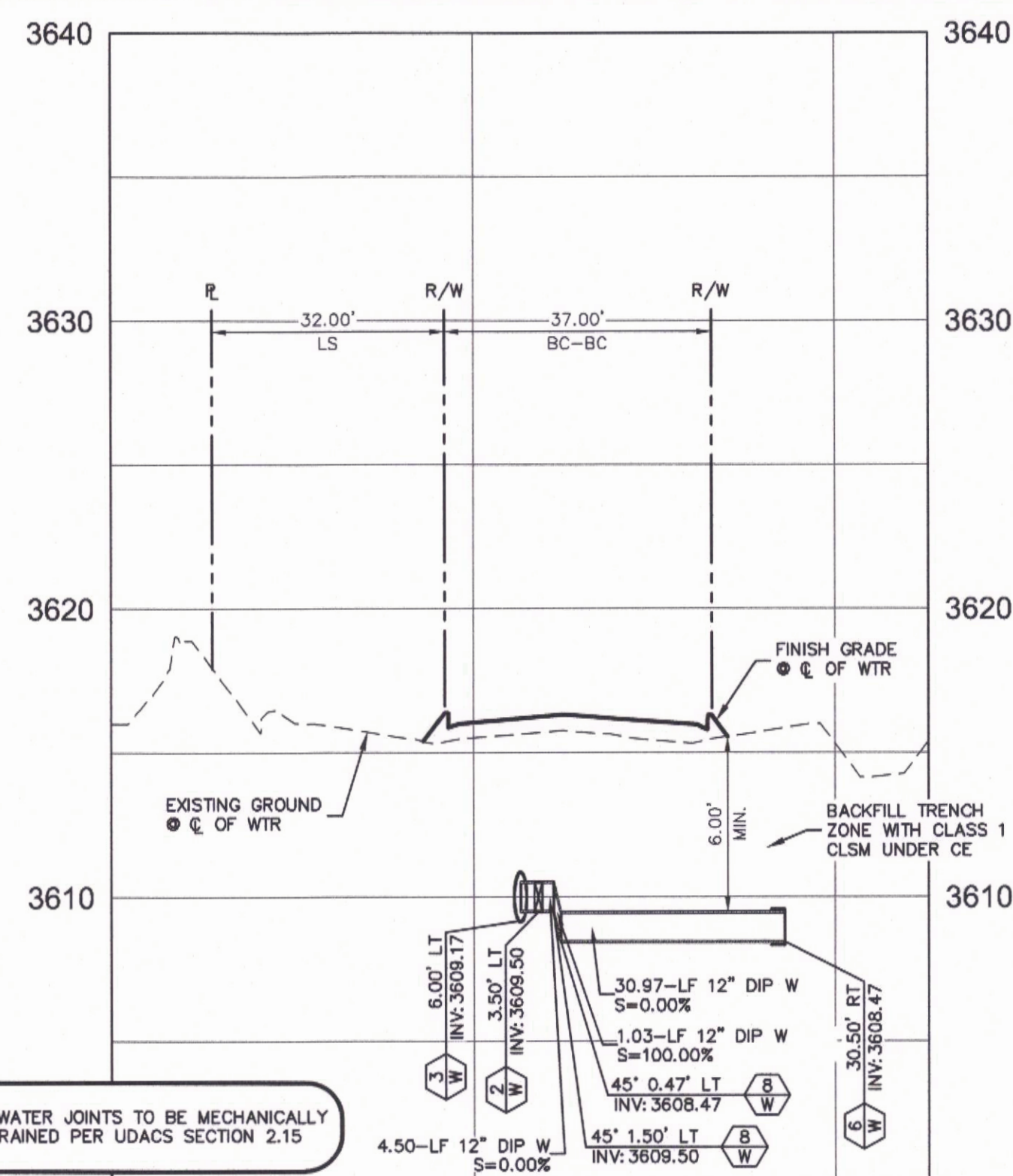
DRAWING

PP5

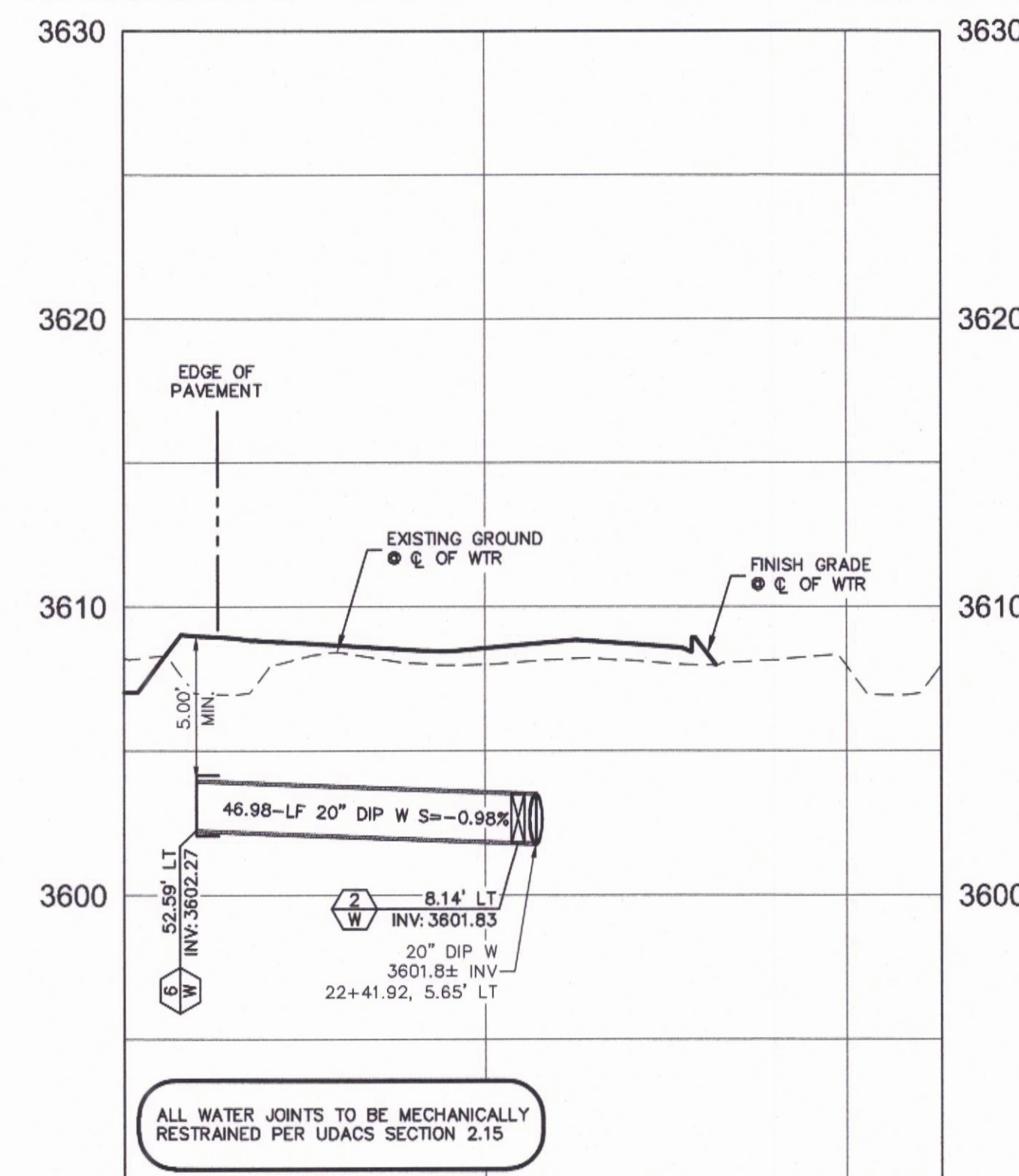
15 OF 26 SHTS



CALICO BEND DRIVE
WTR LATERAL @ 21+43.77
 SCALE: HORIZ. 1"=20', VERT. 1"=5'
 SEE DRAWING PP4



CALICO BEND DRIVE
WTR LATERAL @ 20+78.00
SCALE: HORIZ. 1"=20', VERT. 1"=5'
SEE DRAWING PP4



CALICO BEND DRIVE
WTR LATERAL @ 22+41.92
SCALE: HORIZ. 1"=20', VERT. 1"=5'
SEE DRAWING PP4

WATER CONSTRUCTION NOTES:

7	INSTALL FIRE HYDRANT PER UDACS PL. NO. 30, 39 AND 40.	3	INSTALL TEE PER UDACS PL. NO. 31
8	FOR "DEEP" FIRE HYDRANTS SEE UDACS PL. NO. 41.	4	
9	INSTALL GATE VALVE AND BOX PER UDACS PL. NO. 30 AND 39	5	INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY PER UDACS PL. NO. 36
10	INSTALL VERTICAL BEND PER UDACS PL. NO. 31 UNLESS OTHERWISE IDENTIFIED, (SEE PLAN FOR ANGLE)	6	
11	REMOVE CAP AND BLOWOFF PER UDACS PL. NO. 36 AND CONNECT TO EX WATER LINE (CONTRACTOR TO VERIFY SIZE, INVERT AND LOCATION OF EX WATER PRIOR TO CONSTRUCTION)	7	

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. XXXXXX

L#:

CLV#:	
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AGN APP DATE GCW APP DATE: 04/12/2021

FOR 90% REVIEW - NOT FOR CONSTRUCTION

GCI
ENGINEERS' SURVEYORS

1555 S. RAINBOW BLVD.
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gciengineering.com

THE HOWARD HUGHES COMPANY, LLC

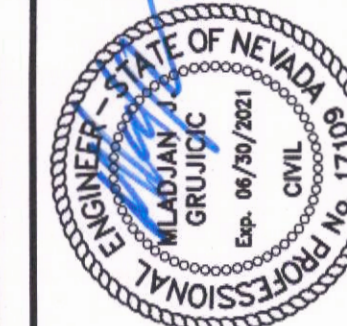
VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

LATERAL PROFILE 1

DRAWING

LP1

17 OF 26 SHTS



1. INSTALL NEW SIGN(S) (POLE MOUNTED)
2. INSTALL NEW SIGN(S) (GROUND MOUNTED)
3. INSTALL MEDIAN NOSE MARKINGS (USD DWG NO. 248)
4. STORAGE LANE LINE (RPM) (USD DWG NO. 246)
5. INSTALL ARROW (PMF-TYPE 2)
6. INSTALL "BUS ONLY" (PMF-TYPE 2)
7. INSTALL TYPE 1 CENTERLINE (USD DWG NO. 244)
8. INSTALL TYPE 4 LANE LINE (RPM) (USD DWG NO. 244.1)
9. 6" SOLID WHITE LANE LINE (PMF-TYPE 1) (USD DWG NO. 244.9)
10. BIKE LANE MARKINGS (PMF-TYPE 2) (STD DWG NO. 244.9)
11. PEDESTRIAN CROSSWALK PER MUTCD SEC 38.17
(SUMMERLIN IMPROVEMENT STD 5-78)
12. 24-INCH WHITE CHEVRONS (PMF-TYPE 2) (USD DWG NO. 246)
13. WHITE TRANSITION DELINEATION (PMF-TYPE 2 AND RPM) (USD DWG NO. 245)
14. 24-INCH WHITE STOP BAR (PMF-TYPE 2) (USD DWG NO. 254)
15. 6" SKIP LINE (PMF-TYPE 1) (USD DWG NO. 246.3)
16. INSTALL "ONLY" (PMF-TYPE 2)
17. INSTALL BLUE REFLECTIVE MARKER 8" FROM BACK OF CURB PER CLARK COUNTY FIRE DEPARTMENT STANDARDS
18. INSTALL SOLID WHITE "SHARROW" SYMBOL (MUTCD FIGURE 9C-9)
19. INSTALL 4-INCH SOLID WHITE PARKING SPACE LINES
20. INSTALL FIRE HYDRANT CURB MARKINGS PER IFC 507.5.7.3
- E. EXISTING SIGNAGE/STRIPING TO REMAIN

 SIGHT VISIBILITY ZONE (SVZ)

NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICE, FIRE HYDRANTS, TREES, AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR EXIST WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24" IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27" MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL, OR PAVEMENT STREET SURFACE. THIS STREET EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPED MEDIANS.

[illegible]

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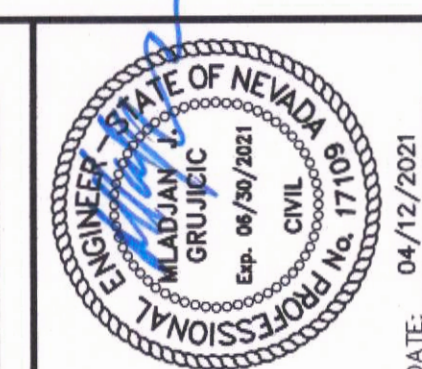
GCLV
ENGINEERS & SURVEYORS

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

SIGNAGE AND STRIPING PLAN 1

DRAWING
TR1
22 OF 26 SHTS



1. INSTALL NEW SIGN(S) (POLE MOUNTED)
2. INSTALL NEW SIGN(S) (GROUND MOUNTED)
3. INSTALL MEDIAN NOSE MARKINGS (USD DWG NO. 248)
4. STORAGE LANE LINE (RPM) (USD DWG NO. 246)
5. INSTALL ARROW (PMF-TYPE 2)
6. INSTALL "BUS ONLY" (PMF-TYPE 2)
7. INSTALL TYPE 1 CENTERLINE (USD DWG NO. 244)
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14. 24-INCH WHITE STOP BAR (PMF-TYPE 2) (USD DWG NO. 254)
15. 6" SKIP LINE (PMF-TYPE 1) (USD DWG NO. 246.3)
16. INSTALL "ONLY" (PMF-TYPE 2)
17. INSTALL BLUE REFLECTIVE MARKER 8" FROM BACK OF CURB PER CLARK COUNTY FIRE DEPARTMENT STANDARDS
18. INSTALL SOLID WHITE "SHARROW" SYMBOL (MUTCD FIGURE 9C-9)
19. INSTALL 4-INCH SOLID WHITE PARKING SPACE LINES
20. INSTALL FIRE HYDRANT CURB MARKINGS PER IFC 507.5.7.3
- E. EXISTING SIGNAGE/STRIPING TO MAINTAIN

 SIGHT VISIBILITY ZONE (SVZ)

NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES FIRE HYDRANTS, TREES, AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR PLACED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24" IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27" MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL, OR PAVEMENT STREET SURFACE. THIS RESTRICTION EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPED MEDIANS.

1555 S. RAINBOW BLVD.
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GCLV
ENGINEERS SURVEYORS

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

SIGNAGE AND STRIPING PLAN 2

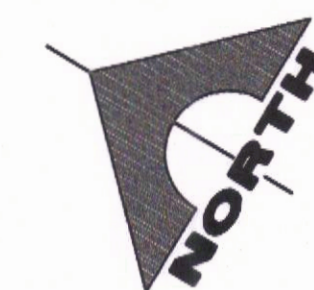
DRAWING

TR2

23 OF 26 SHOTS

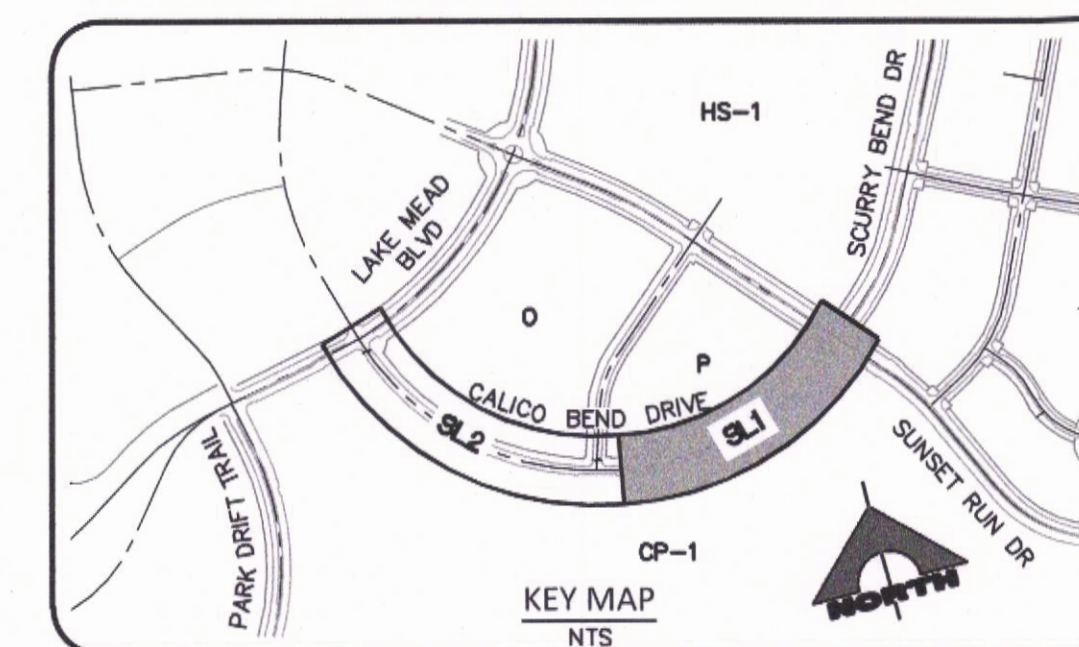
AGEN APP DATE GCW APP DATE: 04/12/2021

FOR 90% REVIEW - NOT FOR CONSTRUCTION

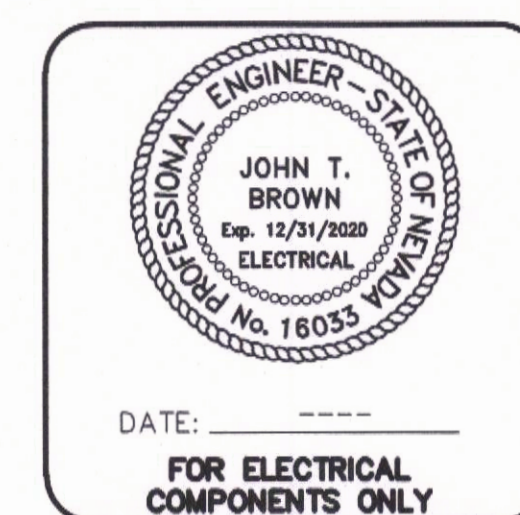


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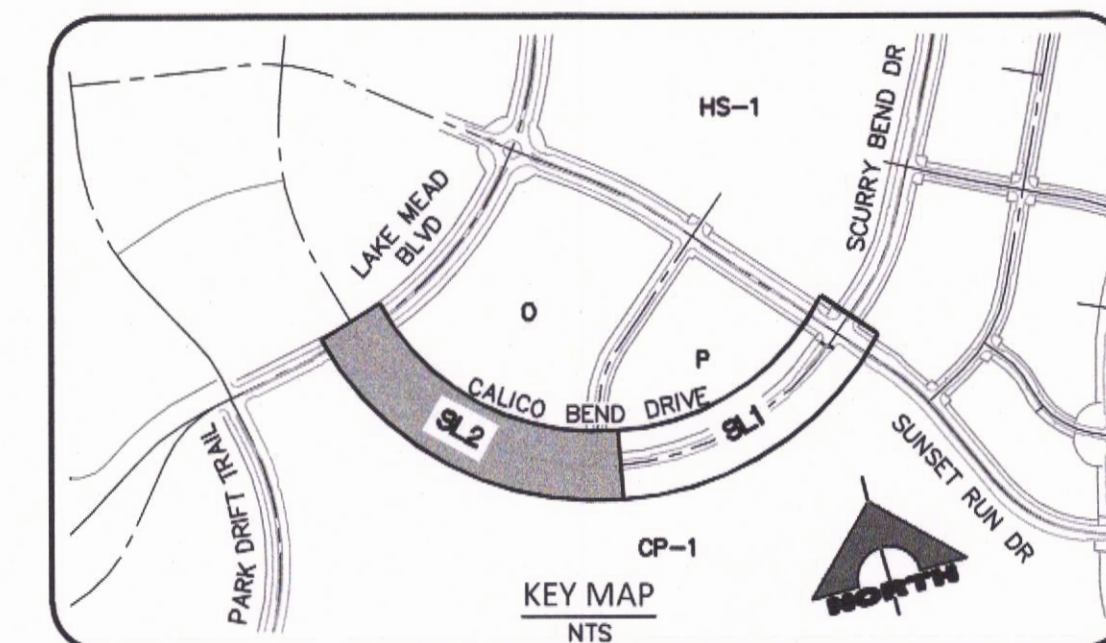
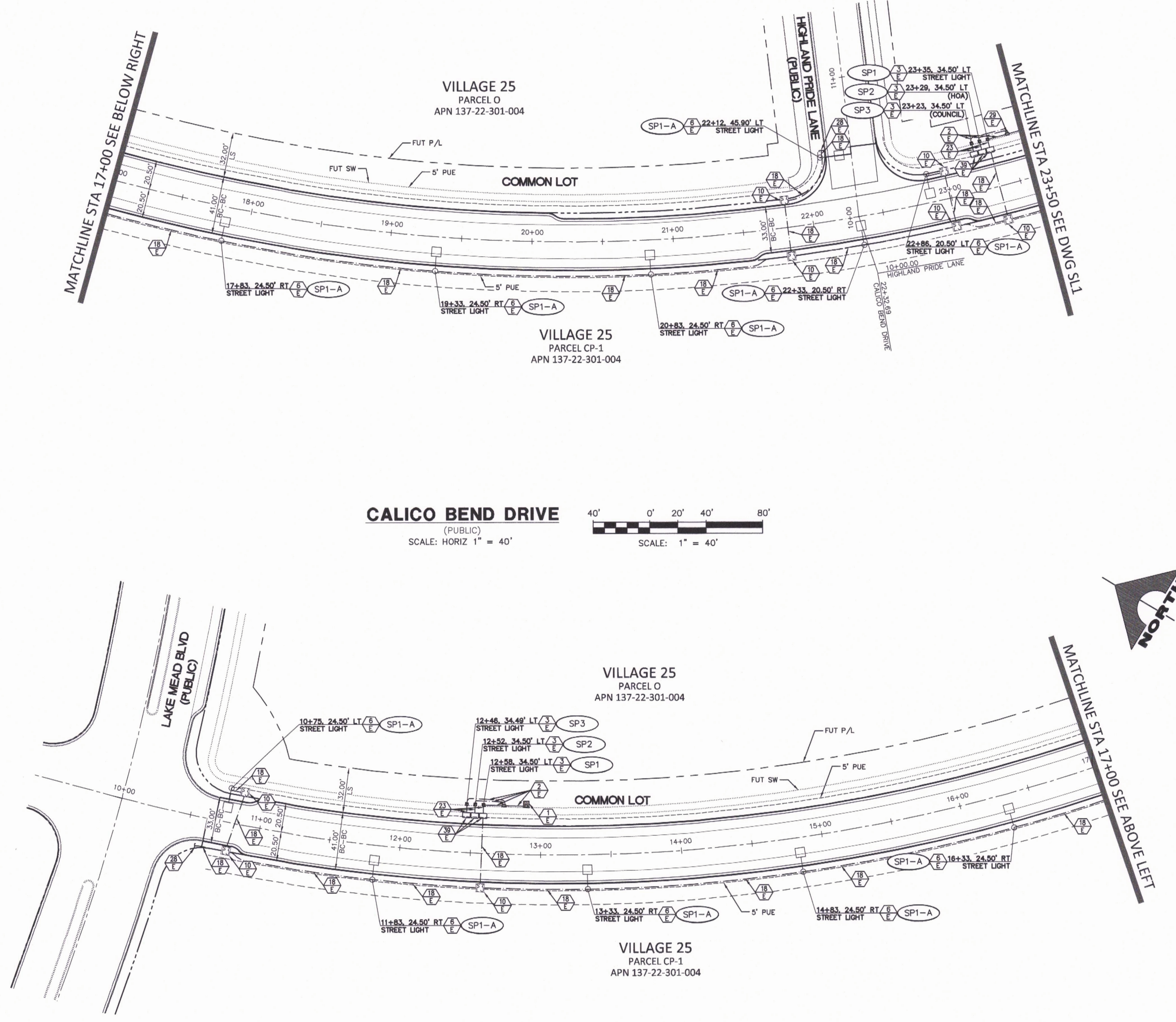


- 1 PROPOSED NV ENERGY TRANSFORMER.
- 2 PROPOSED CONDUIT AND CONDUCTORS PER NV ENERGY DESIGN.
- 3 PROPOSED SERVICE PEDESTAL. REFER TO ELECTRICAL SERVICE NOTES ON DWG. SL3.
- 4 ADD 2#4, 1#BGND TO EXISTING CONDUIT ONLY.
- 5 SUMMERLIN TYPE 2 (BASE LUMINAIRE MODEL:
SUM-XGBM-LED-26L-SIL-2-UE-DIM-27-70CRI-BRZ-NR-4397-SMBRKT)
TWIN LED STREETLIGHT PER SUMMERLIN LED LIGHTING ANALYSIS SUMMERLIN STANDARD STREET SECTIONS (RETROFIT) AND INTERSECTIONS (RETROFIT AND NEW CONSTRUCTION).
- 6 SUMMERLIN TYPE 2 (BASE LUMINAIRE MODEL:
SUM-XGBM-LED-26L-SIL-2-UE-DIM-27-70CRI-BRZ-NR-4397-SMBRKT)
SINGLE LED STREETLIGHT PER SUMMERLIN LED LIGHTING ANALYSIS SUMMERLIN STANDARD STREET SECTIONS (RETROFIT) AND INTERSECTIONS (RETROFIT AND NEW CONSTRUCTION).
- 7 SUMMERLIN TYPE 1B PEDESTRIAN POLE ON TYPE C FOUNDATION PER SSD E-1.
- 8 SUMMERLIN TYPE 2A M001 PER SSD E-1, WITH PROVISION FOR FUTURE TRAFFIC SIGNAL MAST ARM (250W).
- 9 EXISTING STREETLIGHT.
- 10 PROPOSED NO. 3-1/2 PULLBOX PER USD 326.
- 11 PROPOSED P30 PULLBOX PER USD 404.132.
- 12 PROPOSED TYPE 200 PULLBOX PER USD 404.133.
- 13 EXISTING TYPE 200 PULLBOX.
- 14 EXISTING NO. 7 PULLBOX.
- 15 EXISTING NO. 5 PULLBOX.
- 16 EXISTING NO. 3-1/2 PULLBOX.
- 17 EXISTING P30 PULLBOX.
- 18 PROPOSED 1-1/4" CONDUIT CONTAINING 2#4, 1# GND [STREETLIGHTING CONDUIT].
- 19 PROPOSED 1-1/4" CONDUIT W/PULLSTRING
- 20 PROPOSED 4" CONDUIT W/PULLSTRING [FUTURE TRAFFIC SIGNAL INTERCONNECT WITH 2' RADIUS BENDS]
- 21 PROPOSED 2" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES] AND 2" CONDUIT W/PULLSTRING [FUTURE TRAFFIC SIGNAL].
- 22 PROPOSED 2" CONDUIT CONTAINING 2#4, 1#8 GND [TRAFFIC SIGNAL CONTROLLER CABINET].
- 23 PROPOSED 2" CONDUIT W/ PULLSTRING
- 24 PROPOSED 3" CONDUIT W/PULLSTRING
- 25 PROPOSED 3" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES AND FUTURE TRAFFIC SIGNAL].
- 26 EXISTING 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND.
- 27 EXISTING 1-1/4" CONDUIT ONLY.
- 28 STUB AND CAP 5' MIN BEYOND EDGE OF CONSTRUCTION OR PULLBOX.
- 29 PROPOSED RS-1 BOX PER NV ENERGY DESIGN.
- 30 EXISTING TRAFFIC CONTROL CABINET.
- 31 CONNECT TO EXISTING CONDUIT SUB.
- 32 CONNECT TO EXISTING PULLBOX.
- 33 EXISTING 2" CONDUIT ONLY
- 34 EXISTING 3" CONDUITS.
- 35 EXISTING 2-1/2" CONDUIT ONLY
- 36 EXISTING 2" CONDUIT CONTAINING 2#10, 1#8 GND.
- 37 EXISTING TRAFFIC SIGNAL POLE WITH LIGHT
- 38 PROPOSED 2" CONDUIT CONTAINING 2#4/0, 1#4/0 NEUT.
- 39 PROPOSED NO. 5 PULLBOX PER USD 400.326



CLV#:

THE HOWARD HUGHES COMPANY, LLC VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS STREETLIGHT AND ELECTRICAL PLAN 1	DRAWING SL1 24 OF 26 SHTS	 ENGINEERS \ SURVEYORS 1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.804.2000 F: 702.804.2299 gowngineering.com	PROJECT NO. 62025-213										
			DESIGN: CS DRAWN: CS CHECK: LG PLOT DATE: 04-12-21 PLOT TIME: 10:18:50	REV	DATE	DESCRIPTION	DATE	GEN APP	DATE	GCW APP	DATE	04/12/2021	
P:\PROJECTS\6601\66025-213\DWG\PRODUCTION\62025-213.DWG CHRISTIAN SALCEDO													



- ELECTRICAL CONSTRUCTION NOTES:**
- 1 PROPOSED NV ENERGY TRANSFORMER.
 - 2 PROPOSED CONDUIT AND CONDUCTORS PER NV ENERGY DESIGN.
 - 3 PROPOSED SERVICE PEDESTAL. REFER TO ELECTRICAL SERVICE NOTES ON DWG. SL3.
 - 4 ADD 2#4, 1#6GND TO EXISTING CONDUIT ONLY.
 - 5 SUMMERLIN TYPE 2 (BASE LUMINAIRE MODEL: SUM-XGBM-LED-26L-SIL-2-UE-DIM-27-70CRI-BRZ-NR-4397-SMBRKT) TWIN LED STREETLIGHT PER SUMMERLIN LED LIGHTING ANALYSIS SUMMERLIN STANDARD STREET SECTIONS (RETROFIT) AND INTERSECTIONS (RETROFIT AND NEW CONSTRUCTION).
 - 6 SUMMERLIN TYPE 2 (BASE LUMINAIRE MODEL: SUM-XGBM-LED-26L-SIL-2-UE-DIM-27-70CRI-BRZ-NR-4397-SMBRKT) SINGLE LED STREETLIGHT PER SUMMERLIN LED LIGHTING ANALYSIS SUMMERLIN STANDARD STREET SECTIONS (RETROFIT) AND INTERSECTIONS (RETROFIT AND NEW CONSTRUCTION).
 - 7 SUMMERLIN TYPE 1B PEDESTRIAN POLE ON TYPE C FOUNDATION PER SSD E-1.
 - 8 SUMMERLIN TYPE 2A MOD1 PER SSD E-1, WITH PROVISION FOR FUTURE TRAFFIC SIGNAL MAST ARM (250W).
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 - 10 PROPOSED NO. 3-1/2 PULLBOX PER USD 326.
 - 11 PROPOSED P30 PULLBOX PER USD 404.132.
 - 12 PROPOSED TYPE 200 PULLBOX PER USD 404.133.
 - 13 EXISTING TYPE 200 PULLBOX.
 - 14 EXISTING NO. 7 PULLBOX.
 - 15 EXISTING NO. 5 PULLBOX.
 - 16 EXISTING NO. 3-1/2 PULLBOX.
 - 17 EXISTING P30 PULLBOX.
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 - 21 PROPOSED 2" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES] AND 2" CONDUIT W/PULLSTRING [FUTURE TRAFFIC SIGNAL CONTROLLER CABINET]
 - 22 PROPOSED 2" CONDUIT CONTAINING 2#4, 1#8 GND [TRAFFIC SIGNAL CONTROLLER CABINET]
 - 23 PROPOSED 2" CONDUIT W/ PULLSTRING
 - 24 PROPOSED 3" CONDUIT W/PULLSTRING
 - 25 PROPOSED 3" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES AND FUTURE TRAFFIC SIGNAL]
 - 26 EXISTING 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND.
 - 27 EXISTING 1-1/4" CONDUIT ONLY.
 - 28 STUB AND CAP 5' MIN BEYOND EDGE OF CONSTRUCTION OR PULLBOX.
 - 29 PROPOSED RS-1 BOX PER NV ENERGY DESIGN.
 - 30 EXISTING TRAFFIC CONTROL CABINET.
 - 31 CONNECT TO EXISTING CONDUIT STUB.
 - 32 CONNECT TO EXISTING PULLBOX.
 - 33 EXISTING 2" CONDUIT ONLY
 - 34 EXISTING 3" CONDUITS.
 - 35 EXISTING 2-1/2" CONDUIT ONLY
 - 36 EXISTING 2" CONDUIT CONTAINING 2#10, 1#8 GND.
 - 37 EXISTING TRAFFIC SIGNAL POLE WITH LIGHT
 - 38 PROPOSED 2" CONDUIT CONTAINING 2#4/0, 1#4/0 NEUT.
 - 39 PROPOSED NO. 5 PULLBOX PER USD DWG NO. 326

Call before you Dig
Avoid cutting underground utility lines. It's costly.

Call before you Dig
Underground
1-702-432-6300

1-800-642-2444

FAST
Call before you Dig
Underground
1-702-432-6300

Freeway and Arterial System of Transportation

1-702-227-2929

Call before you Dig
Overhead
Avoid hitting overhead power lines. It's costly.

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 25 CALICO BEND DRIVE IMPROVEMENTS

STREETLIGHT AND ELECTRICAL PLAN 2

DRAWING
SL2
25 OF 26 SHTS

PROJECT NO. 62025-213

DESIGN: CS

DRAWN: CS

CHECK: LG

PLOT DATE: 04-12-21

PLOT TIME: 10:18:53

1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
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gowingengineering.com

ENGINEERS & SURVEYORS

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
JOHN T. BROWN
Exp. 12/31/2020
ELECTRICAL
No. 16053

FOR 90% REVIEW - NOT FOR CONSTRUCTION

DATE	AGN APP	DATE	GCW APP	DATE
04/12/2021				



FOR 90% REVIEW - NOT FOR PUBLICATION

Q12.4	Q12.5	Q12.6	Q12.7	Q12.8	Q12.9	Q12.10	Q12.11	Q12.12	Q12.13	Q12.14	Q12.15	Q12.16	Q12.17	Q12.18	Q12.19	Q12.20	Q12.21	Q12.22	Q12.23	Q12.24	Q12.25	Q12.26	Q12.27	Q12.28	Q12.29	Q12.30	Q12.31	Q12.32	Q12.33	Q12.34	Q12.35	Q12.36	Q12.37	Q12.38	Q12.39	Q12.40	Q12.41	Q12.42	Q12.43	Q12.44	Q12.45	Q12.46	Q12.47	Q12.48	Q12.49	Q12.50	Q12.51	Q12.52	Q12.53	Q12.54	Q12.55	Q12.56	Q12.57	Q12.58	Q12.59	Q12.60	Q12.61	Q12.62	Q12.63	Q12.64	Q12.65	Q12.66	Q12.67	Q12.68	Q12.69	Q12.70	Q12.71	Q12.72	Q12.73	Q12.74	Q12.75	Q12.76	Q12.77	Q12.78	Q12.79	Q12.80	Q12.81	Q12.82	Q12.83	Q12.84	Q12.85	Q12.86	Q12.87	Q12.88	Q12.89	Q12.90	Q12.91	Q12.92	Q12.93	Q12.94	Q12.95	Q12.96	Q12.97	Q12.98	Q12.99	Q12.100
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[illegible]

2010 RELEASE UNDER E.O. 14176

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1. ALL UNDERGROUND CONDUIT SHALL BE TYPE RMC (RIGID NONMETALLIC CONDUIT), SCHEDULE 40 PVC AND SHALL BE INSTALLED PER USD 733. ABOVE GRADE CONDUIT SHALL BE TYPE RMC (RIGID METALLIC CONDUIT) CONDUIT RISERS SHALL BE TYPE RMC WITH PVC COATING OR TAPE WRAP.
2. ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND 1#8 FOR LOCATING PURPOSES.
3. ALL CONDUCTORS SHALL BE STRANDED, 600--VOLT, TYPE THW INSULATED COPPER.
4. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS AND HARDWARE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, LATEST EDITION AND SHALL COMPLY WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY HAVING JURISDICTION.

FOR SERVICE POINT SP1:

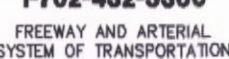
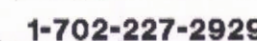
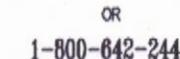
200 AMP, SINGLE PHASE, 3 WIRE, 120/240V PAD MOUNTED, SERVICE PEDESTAL, MINIMUM 122KA RATING. FEEDER FROM NV ENERGY, POINT OF CONNECTION TO BE 2" C, #4/0 THW, 1#4/0 WHITE THW (COPPER). SERVICE PEDESTAL SHALL BE LOCATED A MINIMUM OF 30 FEET FROM THE TRANSFORMER. THE FOLLOWING SHALL BE INCLUDED IN THE SERVICE PEDESTAL:

- (2) 60 AMP, 240V, 2-POLE CIRCUIT BREAKERS,
- (2) 60 AMP, 240V, 2-POLE LIGHTING CONTACTORS, WITH TEST SWITCHES (ONE FOR EACH CONTACTOR), PHOTOELECTRIC CONTROL,
- (1) 15 AMP, 120V, SINGLE POLE CIRCUIT BREAKER FOR LIGHTING CONTROLS.

CONTRACTOR TO PROVIDE (2) 1-1/4" CONDUITS FROM SERVICE PEDESTAL TO FIRST STREETLIGHTING PULLBOX. SERVICE PEDESTAL SHALL COMPLY WITH CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS 331, 332.S2 AND 335.S2, 730.



FOR ELECTRICAL
COMPONENTS ONLY



CLV 11

L#

CLV#: