

LOCATION/SHEET INDEX MAP

AC	ASPHALT CONCRETE, ACRE	FO	FIBER OPTIC	RD	ROAD
AD	ASBESTOS CEMENT PIPE	FRP	FIBERGLASS REINFORCED PLASTIC	RWDY	ROADWAY
ADP	ADDITIONAL	FS	FINISH SURFACE	REC	RECTANGULAR
ADD'L	ADDITIONAL	FT	FOOT/FEET	REF	REFERENCE
ADP	ADDITIONAL	FTG	FOOTING	REINF	REINFORCED
APN	ASSESSOR'S PARCEL NUMBER	FUT	FUTURE	REQ	REQUIRED
APPROX	APPROXIMATELY	GAS	GAS	RIM	TOP OF RIM ELEVATION
ASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	GB	GRADE BREAK	RND	ROUND
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	GRD	GRADE, GROUND	ROW/R/W	RIGHT OF WAY
AVE	AVENUE	H	HEIGHT	RADIUS	RADIUS POINT
AVAR	AIR VALVE, AIR RELEASE	HDWL	HEADWALL	RPM	RAISED PAVEMENT MARKERS
AWWA	AMERICAN WATER WORKS	HGT	HORIZONTAL	RSVG	RESILIENT SEAT GATE VALVE
BC	BACK OF CURB	HRZ	HORIZONTAL	SCH	SEWER, SOUTH
BCR	BEGIN CURB RETURN	HP	HIGH POINT, HIGH PRESSURE	SD	STORM DRAIN
BLM	BUREAU OF LAND MANAGEMENT	HPS	HIGH PRESSURE, SODIUM	SDMH	STORM DRAIN MANHOLE
BLVD	BOULEVARD	IBC	INTERNATIONAL BUILDING CODE	SECT	SECTION
BM	BENCHMARK	INV	INVERT	SF	SQUARE FOOT/FEET
BO	BLOW-OFF	J	JUNT	SHLDR	SHOULDER
BVC	BEGIN VERTICAL CURVE ELEVATION	L	LENGTH	SHT	SHEET
BVCS	BEGIN VERTICAL CURVE STATION	L, LT	LINE, LEFT	SL	STREET LIGHT
C	CENTERLINE	LF	LINEAR FEET	SQ	SQUARE
C&G	CURB AND GUTTER	LIP	LIP OF GUTTER	SSW	SEWER RECLAIM MAIN
CATV	UNDERGROUND CABLE TV	LN	LINE	SSHW	SANITARY SEWER MANHOLE
CCBM	CLARK COUNTY BENCH MARK	LPO	LIGHT POLE	STA	STATION
CCP	CLARK COUNTY PUBLIC WORKS	LVWD	LAS VEGAS VALLEY WATER DISTRICT	STD	STANDARD
CCTV	CLOSED-CIRCUIT TELEVISION	MAX	MAXIMUM	STD	STANDARD
CCWRD	CLARK COUNTY WATER	MH	MANHOLE	STL	STEEL
CFS	CUBIC FEET PER SECOND	MIN	MINIMUM	STRUC	STRUCTURE
CIP	CONCRETE IMPROVEMENTS PROJECT, CORRUGATED IRON PIPE	MOP	MORTAR LINED AND COATED PIPE	SVZ	SIGHT VISIBILITY ZONE
CIPP	CURED-IN-PLACE PIPE	MOD	MODIFY/MODIFIED	SW	SEWALK
CL	CLR OR CLEARANCE	MON	MONUMENT	SWG	SOUTHWEST GAS
CLM	CONTROLLED LOW STRENGTH MATERIAL	MPH	MILES PER HOUR	T	TELEPHONE OR TOP
CLV	CLAS LAS VEGAS	N	NORTH	TAN	TANGENT
CMP	CORRUGATED METAL PIPE	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION	TB	TOP OF BERM
CMU	CONCRETE MASONRY UNIT	NO	NUMBER	TC	TOP OF CURB
CNLV	CITY OF NORTH LAS VEGAS	NOSHA	STATE OF NEVADA OCCUPATIONAL SAFETY AND HEALTH	TCE	TEMPORARY CONSTRUCTION ESMT
CONC	CONCRETE	NTS	NOT TO SCALE	TELE	TELEPHONE
CONC	CONCRETE	OC	ON CENTER	TEMP	TEMPORARY
CONC	CONCRETE	OHC	OVERHEAD COX COMMUNICATION	TF	TOP OF FOOTING
CONC	CONCRETE	OH	OVERHEAD POWER LINE	TG	TOP OF GATE
CONC	CONCRETE	OP	OVERHEAD POWER LINE	TH	TOP OF MANHOLE
CONC	CONCRETE	PB	PULL BOX	TP	TOP OF PIPE
CONC	CONCRETE	PBS	PULLBOX BITUMINOUS SURFACE	TP	TELEPHONE POLE
COORD	COORDINATE OR CONSTRUCTION	PC	POINT OF CURVE, PRESSURE	TRANS	TRANSITION
COORD	COORDINATE	PC	POINT OF CURVE, PRESSURE	TRW	TRAFFIC SIGNAL
COR	CORNER	PCC	POINT OF COMPOUND CURVE	TS	TOP OF WALL
CPEP	CORRUGATED POLYETHYLENE PIPE	PE	PROJECT ENGINEER OR POLYETHYLENE	TY-P	TYPE (TYPE) PHYSICAL
CY	CUBIC YARD(S)	PED	PEDESTRIAN	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (LATEST EDITION)
D	DELTA	PGL	PROFILE GRADE LINE	UG	UNDERGROUND
DBL	DOUBLE	PTH	POTHOLE	USD	UNIFORM STD. DRAWINGS
DCL	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEM (LATEST EDITION)	P	POINT OF INTERSECTION	USDOCA	UNIFORM STD. DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA (LATEST EDITION)
DIA, Ø	DIAMETER	PI	POST INDICATOR VALVE	UT	UNDERGROUND TELEPHONE
DIST	DISTANCE	PLF	POLYURETHANE LINED AND COATED STEEL PIPE	VAR	VARIABLE/VARIES
DR	DRIVE	PLM	PAVEMENT MARKING FILM	VC	VERTICAL CURVE
DS	DOWNSPOUT	POB	POINT OF BEGINNING	VCP	VERTIFIED CLAY PIPE
DTL	DETAIL	POC	POINT ON CURVE	VG	VALLEY GUTTER
DW	DRIVEWAY	P.O.C.	POINT OF CONNECTION	VOL	VOLUME
DWG	DRAWING	POT	POINT ON TANGENT	W	WATER, WEST
E	EAST	PP	POWER POLE	W	WITH
EOR	END CURB RETURN	PROP	PROPOSED	W/	WATER SUPPLY
ELE,ELEC	ELECTRICAL	PRVC	POINT OF REVERSE CURVE	WS	WEIGHT
ELEV	ELEVATION	PSI	POUNDS PER SQUARE INCH	WTR	WATER
EP, EOP	EDGE OF PAVEMENT	PT	POINT OF TANGENCY	XING	CROSSING
ESMT	EASEMENT	PVC	POLYVINYL CHLORIDE	YD	YARD, YARD DRAIN
EV	END VERTICAL CURVE	PVI	POINT OF VERTICAL INTERSECTION		
EXIST,EX	EXISTING	PV	PAVEMENT		
EXP	EXPIRATION JOINT	PZ	PRESSURE ZONE		
FC	FACE OF CURB	R, RAD	RADIAL, RADIUS		
FF, FFE	FINISH FLOOR ELEVATION	R	RADIAL, RADIUS		
FG	FINISH GRADE	RCB	REINFORCED CONCRETE BOX		
FH	FIRE HYDRANT	RCB	REINFORCED CONCRETE PIPE		
FL	FLOW LINE				

	PROPOSED UTILITIES		DRAWING NUMBER FOR THE SHEET WHERE IT IS SHOWN
	EXISTING UTILITIES		BENCHMARK
	FUTURE UTILITIES		POTHOLE LOCATION
	SECTION LINE		SEWER BACK WATER VALVE
	EASEMENT LINE		EXISTING NPC RS-100
	RIGHT-OF-WAY LINE		EXISTING DROP INLET
	PROPERTY LINE		EXISTING GATE VALVE
	CENTERLINE		EXISTING TRAFFIC SIGNAL PULL BOX
	100 YR HYDRAULIC GRADE LINE		EXISTING TELEPHONE MANHOLE
	PROPOSED SEWER LINE W/MH		EXISTING POWER POLE
	EXISTING SEWER LINE W/MH		EXISTING ELEC MARKER
	EXISTING WATER LINE & GATE VALVE		EXISTING TRAFFIC SIGNAL
	EXISTING GAS LINE		EXISTING FIRE HYDRANT
	EXISTING UNDERGROUND ELECTRICAL		EXISTING UTILITY BOX
	EXISTING CABLE TV		EXISTING METER BOX
	EXISTING TELEPHONE		PROPOSED CONTOUR
	EXISTING OVERHEAD AND POWER POLES		EXISTING CONTOUR
	EXISTING STORM DRAIN		SPOT ELEVATION
	FUTURE STORM DRAIN		EXISTING SPOT ELEVATION
	EXISTING SIDEWALK AND RAMP		ROAD SLOPE
	VIEW FENCE		EXISTING STREET LIGHT (STL)
	NEW ABANDONED PIPE		3:1 SLOPE UNLESS OTHERWISE NOTED ON PLAN
	EXISTING ABANDONMENT		RETAINING WALL
	SAWCUT		EX. WATER VALVE
	CONCRETE ENCASEMENT		
	APPROXIMATE PAVEMENT RESTORATION		
	TO BE ABANDONED PROFILE HATCH		
	STUB & PLUG PIPE		
	EDGE OF PAVEMENT		

WATER	
	INSTALL 3/4" METER PER UDACS PL 4 AND 8
	REMOVE CAP & BLOWOFF & CONNECT TO EXISTING WATER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EXISTING WATER LINE)
	INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY PER UDACS PL 36
	INSTALL 8" GATE VALVE & BOX PER UDACS PL 30 AND 39
	INSTALL 24"x8" TEE
	INSTALL STEEL CASING PER UDACS PL 23
	INSTALL 6" GATE VALVE & BOX PER UDACS PL 30 AND 39
	INSTALL 24" GATE VALVE & BOX
	INSTALL 4" COMBINATION AIR VALVE PER UDACS PL 38
	INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PL 40
	INSTALL 24"x8" TEE
	INSTALL 6" BLOW OFF PER UDACS PL 37
	INSTALL 22 1/2" BEND
	INSTALL 45" BEND
	INSTALL 11 1/4" BEND PER UDACS PL 31
	PROTECT WATERLINE IN PLACE. WHEREVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER WHERE COMPACTION REQUIREMENTS UNDER A WATERLINE CANNOT BE MET, BACKFILL TRENCH WITH CLASS 1/CLASS II CONTROLLED LOW STRENGTH MATERIAL (CLSM I) TO THE SPRINGLINE OF THE WATERLINE.
SEWER	
	INSTALL 4" PVC SEWER LINE PER DTL 5, DWG D1
ROADWAY	
	VERIFY LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS. PROTECT IN PLACE AND ADJUST TO GRADE AND BACK OF CURB AS REQUIRED. WATER VALVES TO REMAIN ACCESSIBLE AT ALL TIMES.

LYING WITHIN SECTIONS 14, 22, 23, 26 AND 27, TOWNSHIP 20 SOUTH,
RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

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.D.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.

DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
RIVET AND PLATE IN TOP OF CURB @ SOUTHEAST CORNER OF FAR HILLS AVENUE AND DESERT FOOTHILLS DRIVE	3335.36 (FEET)	1016.620 (METERS)
CLV BM No. 7LV09 27E4		

M. DISHARI FOR DOA MEADE
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 121623 DATE: 9/26/13

CLV DRAWING NO.: 565-184



DATE: 5/1/16

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THE HOWARD HUGHES COMPANY, LLC

DRAWING

C2

2 OF 10 SHOTS