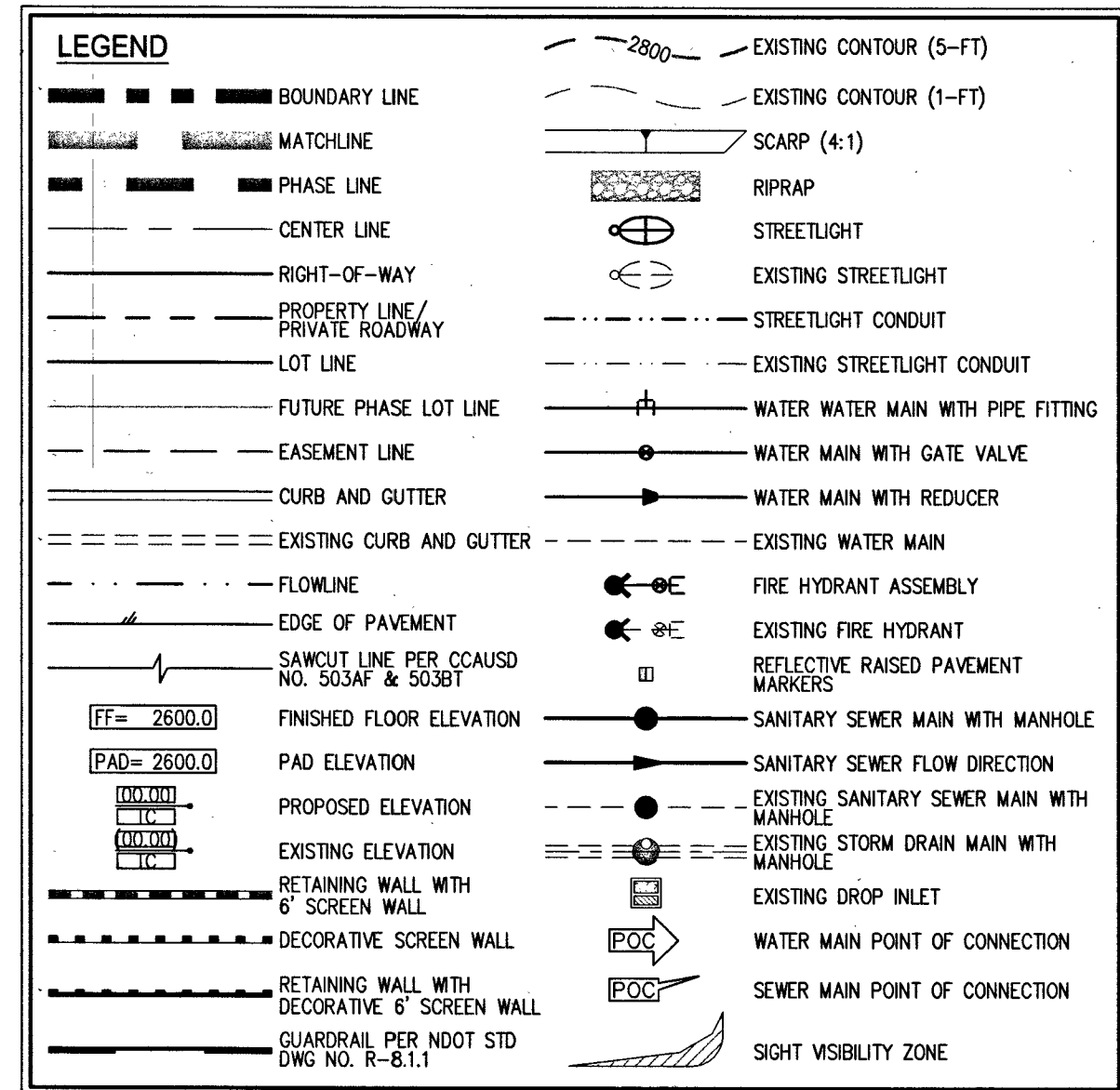


AGC	AGGREGATE CONCRETE OR ACRE	GRD	GRADE OR GROUND	R	QUANTITY
AGG	AGGREGATE	GRD	GRADE BREAK OR GRADE CHANGE	R	GRADE
APH	ASSESSORS PARCEL NUMBER	GV	GRADE VALVE	RCA	REINFORCED CONCRETE ARCH
APPROX OR ~	APPROXIMATE	HOPE	HIGH DENSITY POLYETHYLENE	RCA	REINFORCED CONCRETE BOX
AVE	AVENUE	HOA	HOME OWNERS ASSOCIATION	RCA	REINFORCED CONCRETE PIPE
Ø		HORIZ	HORIZONTAL	RO	ROAD
BC	BEIN CURB OR BACK OF CURB	HP	HIGH POINT	ROWY	ROW
BCR	BEGINNING OF CURB RETURN	HWL	HIGH WATER LEVEL	REQD	REQUIRED
BHW	BOTTOM OF HEADWALL	HOWL	HOWL OR HW	REV	REVISION
BLDG	BUILDING	HYD	HYDRAULIC OR HYDRANT	RG	ROUGH GRADE
BLVD	BOULEVARD	IN	INSIDE DIAMETER	RT OR R	RIGHT
BM	BENCHMARK	IN	INCH	R/W, ROW	RIGHT OF WAY
BVC	BEIGN VERTICAL CURVE	INT	INTERSECTION	S	SLOPE
BWW	BACK WATER VALVE	INT	INVERT ELEVATION	SD	SCHEDULE
CC	CLARK COUNTY	IP	IRON PIPE	SO	STORM DRAIN
CCAU5D	CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS	IRV	IRIGATION	ST	STORM DRAIN DROP INLET
CCPW	CLARK COUNTY PUBLIC WORKS	LF	LINEAR FEET	SMH	STORM DRAIN MANHOLE
CCPFD	CLARK COUNTY REGIONAL FLOOD DISTRICT	LP	LOW POINT	SCN	SECTION
COWD	CLARK COUNTY WATER RECLAMATION DISTRICT	LP	LEFT	SE	SQUARE FEET
	COMMON ELEMENT	LP OR L	LAS VEGAS VALLEY WATER DISTRICT	SH	SHEET
CLC/LC	CENTERLINE	LYING	LAS VEGAS VALLEY WATER DISTRICT	SHW	SOUTHERN WATER AUTHORITY
CLR	CLEAR OR CLEARANCE	LWL	LOW WATER LEVEL	SHW	SPECIFICATIONS
CLSM	CONTROLLED LOW STRENGTH MATERIAL	MAX	MAXIMUM	SPCS	SPECIFICATIONS
CM&C	CEMENT MORTAR LINED AND COATED	MCH	MECHANICAL	ST	STREET
CMU	CONCRETE MASONRY UNIT	MH	MANHOLE	SMH	SANITARY SEWER MANHOLE
CMC	CONCRETE	MIN	MINIMUM	STA	STATION
CT	COURT	MIS	MISCELLANEOUS	STD	STANDARD
CY OR CU YD	CUBIC YARD	MUC	MUNICIPAL UTILITY EASEMENT	STL	STEEL OR STREET LIGHT
DOWMS	DESIGN AND CONSTRUCTION FOR WASTEWATER	NDC	NEVADA DEPARTMENT OF TRANSPORTATION	SW	SIDEWALK
	DRAINAGE SYSTEMS	NPE	NEVADA POWER COMPANY	SWG	SOUTHWEST GAS
DET	DETAIL	NIS	NOT IN SCALE	SAN	SANITARY SEWER
DI	DUCTILE IRON OR DRAIN INLET	NU	NONEXCLUSIVE UTILITY EASEMENT	SY	SQUARE YARD
DIA	DIAMETER	OC	ON CENTER	TAN	TANGENT
DIP	DUCTILE IRON PIPE	OD	OUTSIDE DIAMETER OR OVERALL DIMENSION	TC	TOP OF CURB
DR	DRIVE	OFF	OFFSET	TF	TOP OF FLOOR OR TOP OF FOOTING
DWG(S)	DRAWING	ORG	ORIGINAL	TC	TOP OF GRADE
DWY	DRAINWAY	PAE	PUBLIC OR PEDESTRIAN ACCESS EASEMENT	THRU	THROUGH
EA	EACH	PB	PULL BOX	TP	TOP OF HEADWALL
EOR	END CURB RETURN	PC	POINT OF CURVE	TP	TOP OF PIPE
EG	ELEVATION GROUND	PCC	POINT OF COMPOUND CURVE	TW	TOP OF WALL
EL	ELEVATION	PDB	PUBLIC DRAINAGE EASEMENT	TRB	TOP OF RETAINING WALL
ESMT	EASEMENT	R OR PL	PROPERTY LINE	TYP	TYPICAL
EP	EDGE OF PAVEMENT	POB	POINT OF BEGINNING	UDACS	UNIFORM DESIGN AND CONSTRUCTION
EPV	END VERTICAL CURVE	POC	POINT OF CURVATURE		STANDARDS
EX OR EXIST	EXISTING	POE	POINT OF ENDING	VC	VERTICAL CURVE
		PRC	POINT OF REVERSE CURVATURE	VERT	VERTICAL
		PRELIM	PRELIMINARY	VG	VALLEY GUTTER
FIN	FINISHED FLOOR	PROP	PROPOSED	W	WROUGHT IRON
FG	FINISHED GRADE	PRV	PRESSURE REDUCING VALVE	WL	WATER LINE
FL	FIRE HYDRANT	PUE	PUBLIC UTILITY EASEMENT	WPZ	WATER PRESSURE ZONE
FLOWLINE	FLOWLINE	PT	POINT OF TANGENT OR POINT	WT	WEIGHT
FT	FOOT OR FOOT	PVCL	POLYVINYL CHLORIDE	WR	WATER LINE
FUT	FUTURE	PI	POINT OF VERTICAL INTERSECTION		



QUANTITIES		PRIVATE	PUBLIC
DRAINAGE			
1.	5' CONCRETE VALLEY GUTTER	LF 254	—
2.	3' CONCRETE VALLEY GUTTER	LF 145	—
3.	48"x18" BLOCK WALL OPENING	EA 4	—
4.	0.7" STEM WALL	LF 70	—
5.	1.3" STEM WALL	LF 309	—
6.	3' CUT-OFF WALL	LF —	63
7.			
STREET IMPROVEMENTS			
1.	2" A.C. PAVEMENT W/4" TYPE II AGGREGATE BASE	SY 2,303	—
2.	4" A.C. PAVEMENT W/13" TYPE II AGGREGATE BASE	SY —	—
3.	24" TYPE "L" CURB & GUTTER W/6" TYPE II AGGREGATE BASE	LF 217	—
4.	30" ROLL CURB AND GUTTER W/6" TYPE I AGGREGATE BASE	LF 822	—
5.	4' WIDE CONCRETE SIDEWALK W/4" TYPE II AGGREGATE BASE	SF 110	—
6.	5' WIDE CONCRETE SIDEWALK W/4" TYPE II AGGREGATE BASE	SF —	—
7.	SIDEWALK RAMPS	SF —	—
8.			
SEWER SYSTEM (CLV)			
1.	8" PVC SEWER PIPE (PUBLIC)	LF —	894
2.	4" PVC SEWER LATERAL (PRIVATE)	LF 306	—
3.	STANDARD 48" SEWER MANHOLE (PUBLIC) PER DCSWCS SD-1A	EA —	5
4.	STANDARD 60" SEWER MANHOLE (PUBLIC) PER DCSWCS SD-1A	LF —	1
5.	4" C900 SEWER LATERAL (PRIVATE)	LF —	—
WATER SYSTEM			
1.	FIRE HYDRANT ASSEMBLY W/6" GATE VALVE PER UDACS PLATE NO. 40	EA —	1
2.	6" PVC WATER PIPE (GLASS 150)	LF —	229
3.	8" PVC WATER PIPE (GLASS 150)	LF —	861
4.	10" X 8" REDUCER PER UDACS PLATE NO. 30	EA —	1
5.	8" X 6" REDUCER PER UDACS PLATE NO. 30	EA —	1
6.	CAP AND 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE NO. 36	EA —	2
7.	10" PVC WATER PIPE (GLASS 150)	LF —	—
8.	1" COPPER SERVICE W/ 3/4" METER PER UDACS PLATE NO. 4	EA —	8
9.	1" COPPER SERVICE W/ 3/4" IRRIGATION METER & 1" RPPA PER UDACS PLATE NO.4 & 8	EA —	1
10.	PRESSURE REDUCING VALVES (PRIVATE)	EA 8	—
11.	WATER LATERAL	LF —	310
12.	10" DIP WATER PIPE	LF —	—
13.	8" CROSS PER UDACS PLATE NO. 31	EA —	—
14.	8" TEE PER UDACS PLATE NO. 31.	EA —	1
15.	90° BEND PER UDACS PLATE NO. 31.	EA —	—
16.	8" GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA —	2
17.	45° BEND WITH RESTRAIN JOINTS BOTH ENDS	EA —	—
18.	45° BEND PER UDACS PLATE NO. 31	EA —	—
19.	10" GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA —	—
TRAFFIC			
1.	36" STOP SIGN WITH POST (R1-1) W/12" STREET NAME SIGN (D3, TWO PER POLE)	EA 1	—
2.	PAVEMENT STRIPING — COLLECTOR	LF —	—
3.	FILM FOR CROSSWALKS, STRIPING, ETC	SF —	—
4.	BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKER	EA 1	—
5.	200 AMP STREETLIGHT SERVICE PEDESTAL	EA —	—

S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

[illegible]

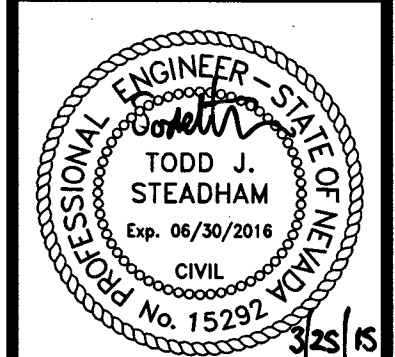
CLARK COUNTY, NEVADA
TYPICAL)

PINNACLE HOMES

S 25 T 19S R 59E	
------------------------	--

DATE: 3/5/15
DRAFTER: CZ
DESIGNER: CZ
CHECKED: TJS

PROJECT NO.
PIN1409



C-3
SHEET 3 OF 12

14-52869
307 VUCS

\\pin1409\eqan\crest\bright\angel\dwg\improv\pin1409cwr.dwg 3/25/2015 10:37 AM Jordan Torrella

APPROVED FOR CONSTRUCTION

7-1 SHARIF, JTM

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 123445 DATE 3/31/15

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

Call

811

OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

BASIS OF BEARING

SOUTH 89°32'27" WEST, BEING THE BEARING OF THE NORTH LINE OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 25, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY NEVADA, AS SHOWN BY MAP THEREOF ON FILE 160, PAGE 62 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK NUMBER: 6LV99 25E6
RIVET AND PLATE IN A CONCRETE TELEPHONE VAULT IN THE
NORTHWEST CORNER OF EGAN CREST WAY AND TROPICAL
PARKWAY, 52' NORTHWEST OF P.I.
ELEVATION: 2786.74 US SURVEY FEET (NAVD88)
849.400 METERS

An illustration of a traffic light pole. The pole has a horizontal arm with three traffic lights. Below the traffic lights, there is a sign that reads "Call before you do UnderGround". The sign is white with black text. The pole is black and has a curved top. The background is white.

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**



1-702-227-2929

H# 57396