	CITY STANDARD	LEGEN	ID
DESCRIPTION	DRAWING	PROPOSED	EXISTING (GHOSTED)
CONTROLLER			
TRAFFIC SIGNAL WITH MASTARM, SAFETY LIGHT; SIGNAL INDICATION, BACK PLATE AND INTERNALLY ILLUMINATED STREET NAME SIGN.			
FLASHING BEACON, ONE WAY			
INDUCTIVE LOOP DETECTOR			
ELECTRICAL CONDUIT		——E——	ELEC (SIZE)
EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT (E.V.P.E.)		<u>></u>	
METER PEDESTAL		○MP	
SERVICE POINT		⊿ SP	
STREET LIGHTS	TRF-08 TRF-08		<u> </u>
OVERHEAD CONDUCTOR		ELEC-	——ELEC— (GIVE NO.WIRES)
PEDESTRIAN PUSH BUTTON ON SPECIAL PUSH BUTTON POST	TRF-08	© <i>PPB</i>	⊚ppb
POWER POLE		○ <i>PP</i>	○PP# (GIVE POLE No.
PULL BOX		PB□	PB□
INDUCTIVE LOOP DETECTOR PULL BOX AND STUB-OUT		PB □•	<u> </u>
TELEPHONE POLE		○ TP	○TP# (GIVE_NO.POLE)
TRAFFIC SIGNAL WITH THREE LENS INDICATION AND BLACK PLATE (UNLESS OTHERWISE INDICATED)		4 10	← 1-0
TRAFFIC SIGNAL WITH THREE INDICATION (GREEN ARROW) AND BLACK PLATE (UNLESS OTHERWISE INDICATED)		◄ ↑⊢○	<
WALK-WAIT PEDESTRIAN SIGNAL			

REVISION	BY	APPROVED			Ιí
ORIGINAL	ARR		7/95	ENGINEERING & CAPITAL PROJECTS STANDARD DRAWING	П
10/15/02	CVM	C. SWANSON	7/95	STANDARD DRAWING] [
11/21/17	DPH	W. VALLE	11/17	SYMBOLS FOR TRAFFIC SIGNAL &	Ċ
					Г
				LIGHTING INSTALLATIONS	1

	William S. Ble
-	WILLIAM S. VALLE 11/21/2017 CITY ENGINEER
	IV

LEGEND CITY (REMARKS IN PARENTHESES ARE EXPLANATORY ONLY.) STANDARD NEW CONSTRUCTION SYMBOLS ARE SOLID. DRA WING EXISTING CONSTRUCTION IS GHOSTED. DESCRIPTION BOUNDARIES & CENTERLINES: COUNTY OF SAN DIEGO (NO.3 PEN) (IDENTIFY BOUNDARIES) CITY BOUNDARY LINE CITY OF CHULA VISTA (IDENTIFY SUBDIVISION OR R.O.S.) (NO.2 PEN) SUBDIVISION & RECORD OF SURVEY BOUNDARIES PROPERTY LINES ALONG (NO.1 PEN) STREETS & ALLEYS LOT LINES BETWEEN LOTS, (NO.0 PEN) PARCEL & LOT SPLIT LINES (NO.00 PEN) (INDICATE SIZE, TYPE & $\mathbb Q$ OF EASEMENTS) EASEMENTS & SETBACK LINES CENTERLINES STREETS: **GRADING** OVERLAY USING A.C. SURFACING ONLY SHOWN SHADED GRADING USING A.B. & A.C. SURFACING SHOWN SHADED OVERLAY USING A.B. & A.C. SURFACING SHOWN SHADED OVERLAY USING P.C.C. SURFACING GRADING USING P.C.C. SURFACING OVERLAY USING A.B. & P.C.C. SURFACING CURB & GUTTER (INDICATE WHETHER 6" OR 8" & TRANSITION LOCATIONS) AC BERM OR PCC CURB CURB OR BERM OR DIKE (INDICATE TYPE & SIZE) MONOLITHIC CURB, GUTTER, & SIDEWALK SIDEWALK

	REVISION	BY	APPROVED		CITY OF CHULA VISTA	(INFAL (1) On
١	ORIGINAL	ARR		8/69	ENGINEERING & CAPITAL PROJECTS	WWW. S. VALLE 11/21/2017
ı	11/05/01	CVM	C. SWANSON	11/02	STANDARD DRAWING	WILLIAM S. VALLE 11/21/2017
	11/21/17	DPH	W. VALLE	11/17		CITY ENGINEER
					PROPERTY AND STREET SYMBOLS	V
						V

DESCRIPTION

CITY STANDARD DRAWING

LEGEND

(REMARKS IN PARENTHESES ARE EXPLANATORY ONLY.)

NEW CONSTRUCTION SYMBOLS ARE SOLID. EXISTING CONSTRUCTION IS GHOSTED.

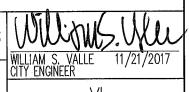
STREETS CONTINUED:

DRIVEWAY APPROACH	GSI-01	
ALLEY APPROACH	GSI-01 RADIUS	
CROSS GUTTER	GSI-02	
EDGE OF PAVEMENT		
RAILWAY TRACKS		(40 SCALE OR SMALLER) (GREATER THAN 40 SCALE)
BARRICADE		CONTINUOUS SINGLE
STREET SIGNS		•

UTILITIES:

Ondines.	
GAS MAIN	(SHOW DIAMETER & TYPE)
GAS SERVICE CONNECTION	(SHOW SIZE IF OTHER THAN 3/4")
GAS VALVE	——————————————————————————————————————
POWER LINES, OVERHEAD	(SHOW NO. OF WIRES, VOLTAGE, ETC.)
POWER LINES UNDERGROUND	(SHOW SIZE OF CONDUIT, VOLTAGE, ETC.)
POWER OR TELEPHONE MANHOLE	E ELEC. T TEL MH
POLE ANCHOR OR DEADMAN	
TELEPHONE LINES, OVERHEAD	(SHOW NO. OF WIRES, ETC.)
TELEPHONE LINES, UNDERGROUND	T 6 MTD (SHOW SIZE, NO., CONDUIT, ETC.)

REVISION	BY	APPROVED		
ORIGINAL	ARR		8/69	ENGINEERING & CAPITAL PROJECTS
10/15/02	CVM	C. SWANSON	11/02	STANDARD DRAWING
11/21/17	DPH	W. VALLE	11/17	·
				STREET AND UTILITY SYMBOLS



DESCRIPTION

CITY STANDARD DRAWING

LEGEND

(REMARKS IN PARENTHESES ARE EXPLANATORY ONLY.)

NEW CONSTRUCTION SYMBOLS ARE SOLID. EXISTING CONSTRUCTION IS GHOSTED.

SEWER MAIN SEWER MAIN SEWER LATERALS SEWER MAINFOLE CONCRETE CRADLE CONGRETE ENCASEMENT WATER MAIN SET AC. SET AC		
SEWER LATERALS (SHOW DIAMETER & TYPE) SEWER MANHOLE SEWER MAIN CLEANOUT CONCRETE CRADLE CONCRETE ENCASEMENT WATER MAIN WATER SERVICE WATER (CATE) VALVE WATER METER BLOW OFF SEWER MAIN OR CULVERT DRAINAGE: STORM DRAIN OR CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CIND MAIN OR CULVE TYPE & CURB INLET (SHOW BINLET WATER CATE) (SHOW BINLET WATER CONC CRADLE (SHOW DIAMETER IF OTHER THAN 3/4") (SHOW DIAMETER IF OTHER THAN 3/4") WATER METER BLOW OFF SEWER MAIN (SHOW DIAMETER IF OTHER THAN 3/4") (SHOW DIAMETER IF OTHER THAN 3/4") (SHOW DIAMETER IF OTHER THAN 3/4") (SHOW SIZE & TYPE, ROP, CMP, SP, ETC.) (SHOW SIZE & TYPE, ROP, CMP, SP, ETC.) (SHOW SIZE & TYPE, ROP, CMP, SP, ETC.) (SHOW SIZE) (INDICATE TYPE & LENGTH & SHOW APPROXIMATE (INDICATE TYPE & LENGTH & SHOW APPROXIMATE (INDICATE TYPE & LENGTH & SHOW APPROXIMATE CURB INLET	UTILITIES CONTINUED:	
SEWER LATERALS SEWER MANHOLE SEWER MANHOLE SEWER PLUG SEWER PLUG SEWER MAN CLEANOUT CONCRETE CRADLE CONCRETE ENCASEMENT WATER MAIN WATER MAIN WATER SERVICE WATER (GATE) VALVE WATER METER BLOW OFF STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE: STORM DRAIN OR CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET SEWER THAN A") MH NO. SB" VCP PLUG SB" VCP PLUG SB" VCP PLUG SB" VCP PLUG SB" VCP SB" VCP SB" VCP PLUG SB" VCP SB" VCP SB" VCP SB" VCP SB" AC. WB" AC. WB	SEWER MAIN	(SHOW DIAMETER & TYPE)
SEWER MANHOLE SEWER PLUG SEWER MAIN CLEANOUT CONCRETE CRADLE CONCRETE ENCASEMENT WATER MAIN WATER MAIN WATER SERVICE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET MM NO. SEWER MAIN O. SEWER VOP PLUG SEWER MAIN O. (SHOW SIZE SIZE) CONC CRODLE SIZE ON CENCASEMENT WHO SHOW DIAMETER IF OTHER THAN 3/4") WHO SHOW SIZE SIZE) BOY CULVERT SEWER MAIN OR CULVERT (SHOW SIZE SIZE) SEWER MAIN OR CULVERT SEWER MAIN OR CULVERT (SHOW SIZE SIZE) SEWER MAIN OR CULVERT SHOW SIZE SIZE STORM DRAIN OR CULVERT (SHOW SIZE SIZE) SEWER MAIN OR CULVERT SHOW SIZE SIZE (SHOW SIZE SIZE) SEWER MAIN OR CULVERT SHOW SIZE SIZE (SHOW SIZE SIZE)	SEWER LATERALS	
SEWER MAIN CLEANOUT CONCRETE CRADLE CONCRETE ENCASEMENT WATER MAIN WATER MAIN WATER SERVICE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET CONC CRADLE SIZE CONC CRADLE SIZE CONC CRADLE SIZE SIZE (SHOW KIND, AC, CI, W. (SHOW SIZE) (SHOW SIZE) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE) (SHOW SIZE) (SHOW SIZE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	SEWER MANHOLE	MH NO
CONCRETE CRADLE CONCRETE ENCASEMENT WATER MAIN WATER MAIN WATER SERVICE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL CURB INLET CONCREDE SIZE CONC CRADLE STORM CHANNEL STORM CHANNEL CONC CRADLE STORM CHANNEL STORM CHANNEL CONC CRADLE STORM CHANNEL STORM CHANNEL CONC CRADLE STORM DIAM. AC. CI. ETC. & SIZE) WAS SIZE STORM DIAM. AC. CI. ETC. & SIZE STORM DIAM. AC. CI. ETC. & SIZE STORM DIAM. AC. CI. ETC. & SIZE WAS SIZE WAS SIZE STORM DIAM. AC. CI. ETC. & SIZE WAS SIZE BD WW BD (SHOW SIZE) BD (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) STORM CHANNEL OR DITCH CONCRETE ENCASEMENT WAS SIZE STORM CRADLE CONCRETE ENCASEMENT STACE CHOW SIZE CONC CRADLE CHOW WAS SIZE CONC CRADLE CONC CRADLE CHOW WAS SIZE CONC CRADLE CONC CRADLE CHOW WAS SIZE CONC CRADLE CHOW WAS SIZE CONC CRADLE CONC CRADLE CONC CRADLE CHOW WAS SIZE CONC CRADLE CO	SEWER PLUG	
CONCRETE ENCASEMENT WATER MAIN WATER MAIN WATER SERVICE WATER (SHOW KIND, AC, CI, ETC. & SIZE) WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET WATER METER STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE)	SEWER MAIN CLEANOUT	
WATER MAIN WATER SERVICE WATER SERVICE WATER (GATE) VALVE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET WATER METER (SHOW DIAMETER IF OTHER THAN 3/4") WW BD (SHOW DIAMETER IF OTHER THAN 3/4") WM BD (SHOW DIAMETER IF OTHER THAN 3/4") WM BD (SHOW SIZE) BOX (SHOW SIZE) STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) S' x 6' RCB (SHOW SIZE) CURB INLET (INDICATE TYPE & LENGTH & SHOW APPROX.IMATE LENGTH & SHOW APPROX.SHAPE)	CONCRETE CRADLE	CONC CRADLE
WATER MAIN WATER SERVICE WATER SERVICE WATER (GATE) VALVE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET WATER METER (SHOW DIAMETER IF OTHER THAN 3/4") WW BD (SHOW DIAMETER IF OTHER THAN 3/4") WM BD (SHOW DIAMETER IF OTHER THAN 3/4") WM BD (SHOW SIZE) BOX (SHOW SIZE) STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) S' x 6' RCB (SHOW SIZE) CURB INLET (INDICATE TYPE & LENGTH & SHOW APPROX.IMATE LENGTH & SHOW APPROX.SHAPE)	CONCRETE ENCASEMENT	S CONC ENCASEMENT
WATER SERVICE WATER (GATE) VALVE WATER METER BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET (SHOW DIAMETER IF OTHER THAN 3/4") WW WW WM BD (SHOW SIZE) BD (SHOW SIZE) WM BD (SHOW SIZE) BOX (SHOW SIZE) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	WATER MAIN	W 8" A.C. W (SHOW KIND, AC, CI, ETC. & SIZE)
WATER METER BLOW OFF W BD (SHOW SIZE) FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET WM BD (SHOW SIZE) STORM OR (SHOW SIZE) WM SHOW SIZE) SHOW SIZE) WM SHOW SIZE) SHOW SIZE) (SHOW APPROXIMATE SHOW APPROXIMATE LENGTH & SHOW APPROX.SHAPE)	WATER SERVICE	
BLOW OFF FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET BOX CURSIZE BOX (SHOW SIZE) BOX (SHOW SIZE) (SHOW SIZE) (SHOW APPROXIMATE SHOW APPROX.SHAPE)	WATER (GATE) VALVE	
FIRE HYDRANT DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE) (SHOW SIZE) (SHOW SIZE) (SHOW SIZE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	WATER METER	wm .
DRAINAGE: STORM DRAIN OR CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) (SHOW SIZE) (SHOW SIZE) (SHOW APPROXIMATE ————————————————————————————————————	BLOW OFF	
STORM DRAIN OR CULVERT BOX CULVERT BOX CULVERT DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.)	FIRE HYDRANT	
STORM DRAIN OR CULVERT (SHOW SIZE & TYPE, RCP, CMP, SP, ETC.) 3' x 6' RCB (SHOW SIZE) DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL CURB INLET (SHOW APPROXIMATE SHAPE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	DRAINAGE:	
BOX CULVERT (SHOW SIZE) DRAINAGE CHANNEL OR DITCH HEADWALL OR ENDWALL (SHOW APPROXIMATE SHAPE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	STORM DRAIN OR CULVERT	
HEADWALL OR ENDWALL CURB INLET (SHOW APPROXIMATE — SHAPE) (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	BOX CULVERT	
CURB INLET (INDICATE TYPE & LENGTH & SHOW APPROX.SHAPE)	DRAINAGE CHANNEL OR DITCH	$\Longrightarrow\Longrightarrow\Longrightarrow$
CURB INLET LENGTH & SHOW 10' A-1 INLET APPROX.SHAPE)	HEADWALL OR ENDWALL	(SHOW APPROXIMATE
STORM DRAIN CLEANOUT	CURB INLET	
	STORM DRAIN CLEANOUT	0

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		APPROVED	BY	REVISION
69 ENGINEERING & CAPITAL PROJEC	8/69		ARR	ORIGINAL
/02 STANDARD DRAWING	11/02	C. SWANSON	CVM	11/05/01
	11/17	W. VALLE	DPH	11/21/17
UTILITY AND DRAINAGE SYMBOLS				
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WILLIAM S. VALLE 11/21/2017
CITY ENGINEER

VII

CITY STANDARD

LEGEND

(REMARKS IN PARENTHESES ARE EXPLANATORY ONLY.)

DESCRIPTION	DRAWING	NEW CONSTRUCTION SYMBOLS ARE SOLID. EXISTING CONSTRUCTION IS GHOSTED.
DRAINAGE CONTINUED:		
CURB OUTLET		
PIPE COLLAR		8 3 3
MONUMENTS:		
BENCH MARK		(BM) (ELEV)
SURVEY WELL MONUMENT		\triangle
MISCELLANEOUS:	•	
TREES		(SHOW DIAMETER AT GROUND & TYPE OF TREE AS APPLICABLE)
FENCE (CHAIN LINK, WIRE)		(SHOW HEIGHT)
WALL		8' CONC. BLOCK RET. (SHOW TYPE—CONC. BLOCK, BRICK, ETC., WHETHER FREE STANDING OR RETAINING & HEIGHT)
WOOD FENCE		6' WOOD FENCE (SHOW HEIGHT)
GRADING & LANDSCAPING:		
ORIGINAL GROUND (PROFILE)		
FINISH ELEVATION		EL.=180.25 EL.=(111.12)
EXISTING ELEVATION		EL.=(111.12)
EXISTING CONTOUR		310
FINISH GRADE CONTOUR		320
DAYLIGHT LINE		CUT /// FILL
SWALES & DIRECTION OF FLOW	1 1000	
RIP RAP		45555388555886 455553886555886
SLOPE PLANTING		* * * * * *
FILL SLOPE		TOP SHADE
CUT SLOPE		тор
OLT)	/ OF OUR A V	

REVISION	BY	APPROVED	DATE	
ORIGINAL	ARR		8/69	1
11/05/01	CVM	C. SWANSON	11/02	
11/21/17	DPH	W. VALLE	11/17	

CITY OF CHULA VISTA
ENGINEERING & CAPITAL PROJECTS
STANDARD DRAWING

WILLIAM S. VALLE 11/21/2017

SURVEY, GRADING & MISCELLANEOUS SYMBOLS

WILLIAM S. VALLE CITY ENGINEER VIII