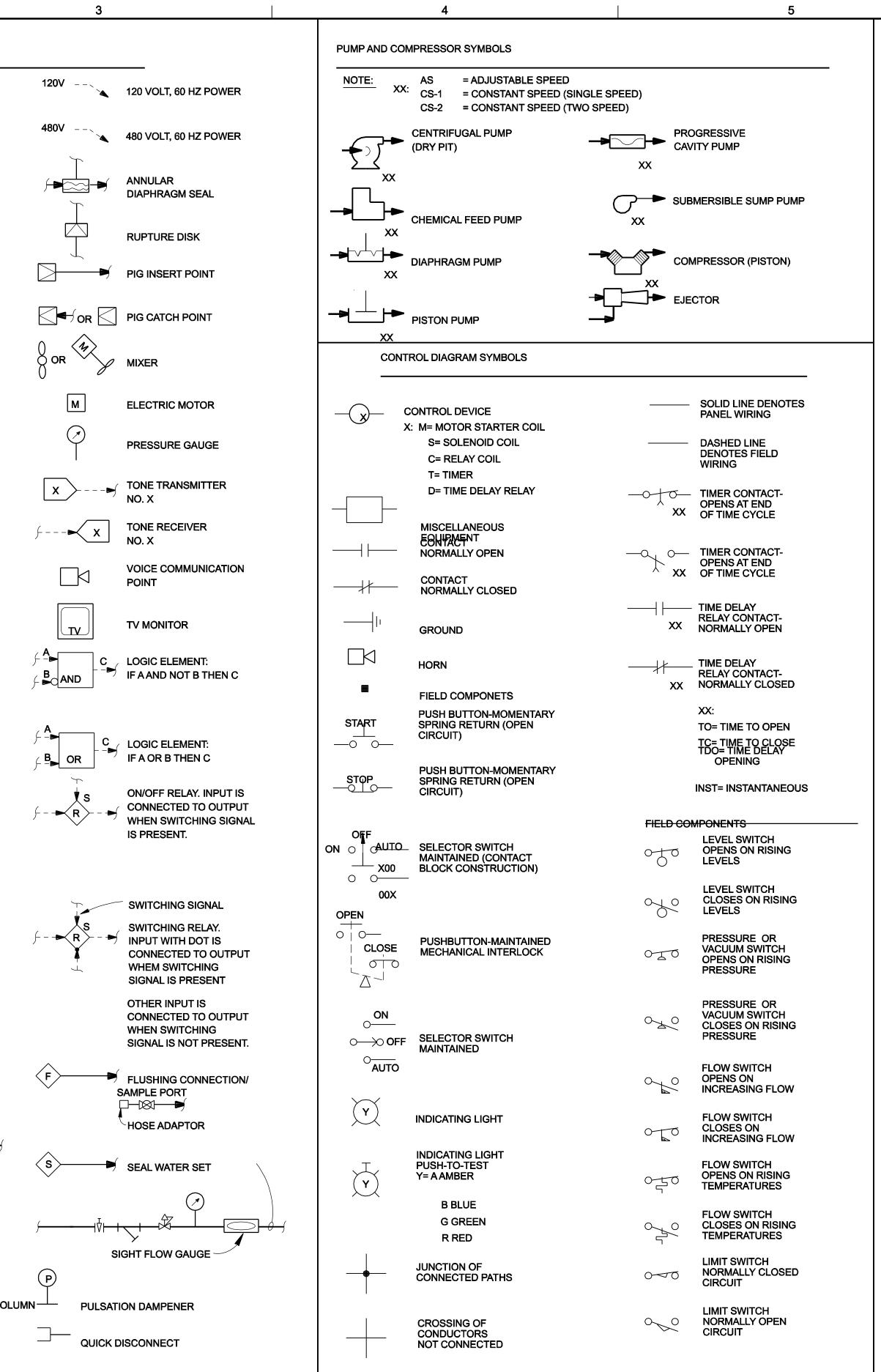
	1		2	2	
	VALVE SYMBOLS			MISCELLANEOUS	S SYMBOLS
	GATE		PRESSURE RELIEF		SIGHT GLASS
		Ý	AIR AND / OR VACUUM RELEASE		DIAPHRAGM SEAL
		Δ	REGULATED SIDE		
А	GLOBE		PRESSURE CONTROL		BLIND FLANGE
			MULTI-PORT VALVES		
			(BALL VALVE SHOWN. FOR OTHER VALVES	Ŭ, Ŭ,	AIR GAP
			TYPES, APPROPRIATE VALVE SYMBOL	γv	VENT TO ATMOSPHERE
			SHOWN.) ARROWS INDICATE FLOW	55	
			PATTERN. SEAT PORTS ARE IMPLIED BY INDICATED		AERATOR
			FLOW PATTERN.		PLUG
			THREE-WAY DIVERTER VALVE		
	HO H BALL CHECK			Ţ	RECEPTACLE
	SAMPLE	$-\!$	SPLIT DISK CHECK VALVE		SELF CONTAINED AIR SUPPLY
	MUD				
	GATE SYMBOLS				(DIPPER TYPE)
		C]	FABRICATED SLIDE	∫► SS	COMPOSITE SAMPLER (SUCTION TYPE)
в		•	SHEAR		TV CAMERA
	ACTUATOR SYMBOLS			-	
			PNEUMATIC WITH		"ON" TIME DELAY B "ON" X-SEC. AFTER A "ON".
		P B XX	VOLUME BOOSTER	X-SEC	INSTANT "OFF".
	P S PNEUMATIC XX W/SOLENOID	S	SOLENOID	OFF-TD	
		Т	MANUAL	X-SEC	B "OFF" X-SEC. AFTER A "OFF" INSTANT "ON"
			DOUBLE ACTING CYLINDER	∮►	(
		<u>NOTE:</u> ON LOSS OF PRIM (PNEUMATIC, ELEC		OR	INTERLOCK. SEE CONTROL DIAGRAMS
	Н	OR HYDRAULIC) XX: FO =FAIL O FC =FAIL C			
С			O LAST POSITION		
	PRIMARY ELEMENT SYMBOLS			} ^B ► R	⁷ S= SET , R= RESET
	PARSHALL FLUME		ELECTROMAGNETIC FLOWMETER		PURGE SET X : W = WATER
	WEIR		PROPELLER OR TURBINE METER		A = AIR
			DENSITY METER (X: N = NUCLEAR	_{xx} ▶	INSTRUMENT AIR SET
	FLOW TUBE		O = OPTICAL U = ULTRASONIC)		XX= SUPPLY PRESSURE IN PSIG.
			ULTRASONIC FLOWMETER	FILTER/ REGULATOR/	
) L	(CLAMP-ON)	GAUGE SET	
			LEVEL (ULTRASONIC)	∲ 	WATER-AIR TRAP
		0	LEVEL (BUBBLER TUBE)	V	
		T _o			
D	> (INLINE)		LEVEL (FLOAT)		CALIBRATION CO
			AIR MASS FLOWMETER	中 中	



1	6					
FLOW STREAM						
LEGEND AB! ALP	SERVICE AERATION BASIN INFLUENT					
	AIR, LOW PRESSURE PROCESS BYPASS CONDENSATE DRAIN	C a	2	A ∧	Ъ	BG
D DG	CHLORINE SOLUTION DRAIN DIGESTER GAS		2	В В	BG	RB
DS EPR EQ EQ ES FC FC FOR FOR FOR FOS FFW G GFB GFE GFE GFI GR HWR HWS LP ML MLR MS N2	DIGESTED SLUDGE DEWATED SOLIDS EQUALIZED PLANT RECYCLE DIURNAL EQUALIZATION STORAGE EMERGENCY STORAGE FILTRATE FERRIC CHLORIDE FUEL OIL RETURN FUEL OIL SUPPLY FILTER TO WASTE FIRE WATER NATURAL GAS GRAVITY FILTER BYPASS GRAVITY FILTER EFFLUENT GRAVITY FILTER INFLUENT GRAVITY FILTER INFLUENT GRAVITY THICKENER OVERFLOW HEATING WATER RETURN HEATING WATER SUPPLY LIQUID POLYMER METHANOL METHANOL VAPOR RECOVERY MIXED LIQUOR MIXED LIQUOR RECYCLE METHANOL SOLUTION NITROGEN GAS OVERFLOW			R CO	ISSUED FOR CONSTRUCTION	FOR FINAL REVIEW/ BUILDING PERMIT
PE PI PLE	PRIMARY EFFLUENT PRIMARY INFLUENT PLANT EFFLUENT	a0/0C/10		00/80/60	07/04/06	06/05/06
— PO — — PS — — PSD —	POLYMER SOLUTION PRESSURE SEWER PRIMARY SLUDGE			<u>ุ</u>		0
	PRIMARY SCUM RETURN ACTIVATED SLUDGE REACTOR BASIN INFLUENT					

GRAVITY FILTER INFLUENT GRIT SLURRY
GRAVITY THICKENER OVERFLOW
HEATING WATER RETURN
HEATING WATER SUPPLY
LIQUID POLYMER
METHANOL
METHANOL VAPOR RECOVERY
MIXED LIQUOR
MIXED LIQUOR RECYCLE
METHANOL SOLUTION
NITROGEN GAS
OVERFLOW
PRIMARY EFFLUENT
PRIMARY INFLUENT
PLANT EFFLUENT
POLYMER SOLUTION
PRESSURE SEWER
PRIMARY SLUDGE
PRIMARY SCUM
RETURN ACTIVATED SLUDGE
REACTOR BASIN INFLUENT
ROOF DRAIN
RECIRCULATED SLUDGE
SANITARY SEWER (GRAVITY)
SAMPLE
SODIUM BISULFITE
SECONDARY CLARIFIER INFLUENT
SECONDARY EFFLUENT
SODIUM HYDROXIDE
SUMP PUMP DISCHARGE
STORM SEWER
SECONDARY SCUM
SUPERNATENT
THICKENED BLENDED SLUDGE
THICKENED DIGESTED SLUDGE
THICKENER OVERFLOW
THICKENED PRIMARY SLUDGE
THICKENED ROUGHING FILTER SLUDGE
THICKENED WASTE ACTIVATED SLUDGE
UNDERDRAIN
VENT
VENT THRU ROOF
WASTE ACTIVATED SLUDGE
WATER TREATMENT SOLIDS
POTABLE WATER
NON-POTABLE WATER
CHLORINATED PLANT EFFLUENT

NOTE: THIS IS A STANDARD LEGEND SHEET. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.

— RBI ——

— RD ——

— RSD —

— s ——

— sa ——

— SB ——

— sci —

— se ——

— SH ——

— ss ——

— SSM —

— su ——

— твз —

— TDS —

— то ——

— TPS —

— TWAS –

— UD ——

— was —

— wts —

— W1 ——

— W2 ——

— w3 ——

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APVD (STATTER ₽ છે APVD B R BAKER ESSIONAL SERVICE, IS THE F J SUNGA NINSTRUMENT OF PRO DR R NATARAJAN S INCORPORATED HEREIN, A: OR IN PART, FOR ANY OTHER NO. DATE DSGN IDEAS BF USF FORDWP(말입 DCUMENT, AND 1 <u>0</u> DВ MATZ AMFORI CONT SOLIDS THIS D CH2M Ō $(\mathbf{2})$ LEGEND ╤ **INSTRUMENTATION** 2 Ш Ľ VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. DATE **JUNE 2006** PROJ 334058 DWG G-14 SHEET

MODIFIED TIME: