<u>A</u>		<u>6</u>	
A	ALARM, COMPRESSED AIR OUTLET	G	GAS (
AC	AIR COMPRESSOR	GA	GAUG
AD	ACCESS DOOR, AIR DRYER	GALV	GALVA
AFD	ADJUSTABLE FREQUENCY DRIVE	GCO	GRADI
AFF	ABOVE FINISH FLOOR	GD	GARB
ALUM AP	ALUMINUM ACCESS PANEL	GIH GPM	GAS I GALLC
APPROX	APPROXIMATE	GUH	GALLU GAS (
AR	AIR RECEIVER	GV	GATE
AUTO	AUTOMATIC	GW	GLASS
AVG	AVERAGE	GWH	GAS I
AVS	AUTOMATIC VALVE STATION	.,	
<u>B</u>		<u>H</u>	
BF	BLIND FLANGE	H HE	HAND HEAT
BFF	BELOW FINISH FLOOR	HF	HOSE
BFP	BACKFLOW PREVENTER	НО	HAND
BLDG	BUILDING	HOA	HAND
BOT	ВОТТОМ	HP	HORS
BTUH	BRITISH THERMAL UNITS PER HOUR	HR	HOUR,
BU BV	BELL-UP BALL VALVE	HUM HV	HUMII HOSE
BV	BALL VALVE	HWB	HEATI
<u>c</u>		ΗZ	HERTZ
С	CHANNEL	<u>I</u>	
CENTR	CENTRIFUGAL	-	
CF	CABINET FAN	Ι	INTAK
CL	CENTERLINE	ID	INSID
СО	CLEANOUT	IN	INCHE
CONC	CONCRETE	INV	INVER
CONN	CONNECTION	,	
CONT CP	CONTINUATION CIRCULATING PUMP	<u>J</u>	
CF CS	CONTROL STATION	JS	JANI 7
CV	CHECK VALVE, CONTROL VALVE	00	0/111
CWW	CLEAR WATER WASTE	<u>K</u>	
Ω		KS	KITCH
<u>D</u>		KW	KILON
D	DIRECT DRIVE		
DEH	DEHUMIDIFIER	<u>L</u>	
DF	DRINKING FOUNTAIN		
DIA	DIAMETER	LAV	LAVA
DN	DOWN	LBS	POUN
DSN	DOWNSPOUT NOZZLE	LI	LEVEL
<u>E</u>		LS LWT	LABOF LEAVI
<u>L</u>			LLAVI
E	ELECTRIC	<u>M</u>	
EA EEW	EACH EMERGENCY EYE WASH	MAU	MAKE
EFF	EFFICIENCY	MAC	MAKE
EL	ELEVATION	МСА	MININ
EP	EXPLOSION PROOF	MFR	MANU
EQUIP	EQUIPMENT	MIN	MININ
ES	EMERGENCY SHOWER	MOD	MODU
ES/EEW ET	EMERGENCY SHOWER AND EYEWASH EXPANSION TANK	MS	MOP .
EWC	ELECTRIC WATER COOLER	<u>N</u>	
EWH	ELECTRIC WATER HEATER		
EWT	ENTERING WATER TEMPERATURE	NC	NORM
EXIST	EXISTING	NO	NORM
<u>E</u>		NPSHR NT	NET F NEUTF
	NECREES EANDENNETT	0	
F FCO	DEGREES FAHRENHEIT FLOOR CLEANOUT	<u>0</u>	
FD	FLOOR DRAIN	OD	OUTSI
FDB	DEGREES FAHRENHEIT DRY BULB	ORD	OVERI
FLEX	FLEXIBLE		
FM	FLOW METER		
FPM	FEET PER MINUTE		
FR	FUNNEL RECEPTOR		
FS	FLOOR SINK, FLOW SWITCH		
FSW FT	FILTER SURFACE WASH FEET		
· •	· ·		

	<u>P</u>	
GAS OUTLET	PD	PRESSURE DROP (FEET OF W
GAUGE	PAC	PACKAGED AIR CONDITIONIN
GALVANIZED	PDI	PLUMBING AND DRAINAGE I
GRADE CLEANOUT	PDS	PRESSURE DIFFERENTIAL SW
GARBAGE DISPOSER	PL	PLATE
GAS INFRARED HEATER	POS	POSITION
GALLONS PER MINUTE	PPM	PARTS PER MILLION
GAS UNIT HEATER	PRS	PRESSURE REDUCING STATIO
GATE VALVE	PRV	PRESSURE REDUCING VALVE
GLASS WASHER	PS	PRESSURE SWITCH
GAS WATER HEATER	PSI	POUNDS PER SQUARE INCH
	PSIA PSIG	POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH
HAND OPERATOR, HEIGHT, HORIZONTAL	<u>R</u>	
HEAT EXCHANGER, HELIUM		
HOSE FAUCET	RCS	REMOTE CONTROL STATION
HAND-OFF	RD	ROOF DRAIN
HAND-OFF-AUTO HORSEPOWER	REQD	REQUIRED
HOUR, HOSE REEL	<u>s</u>	
HUMIDIFIER		
HOSE VALVE	SF	SQUARE FEET, SUPPLY FAN
HEATING WATER BOILER	SH	SHEET, SHOWER
HERTZ	SIM	SIMILAR
	SS	STAINLESS STEEL,
		SERVICE SINK
	SSP	SUBMERSIBLE SUMP PUMP
INTAKE	STD	STANDARD
INSIDE DIAMETER	SV	SERVICE VALVE, SHUTOFF V
INCHES		SUPPLY VALVE, SOLENOID V.
INVERT		
	Ţ	
	TD	TRENCH DRAIN
JANITOR'S SINK	TP	TRAP PRIMER
	TS	TAMPER SWITCH
	TYP	TYPICAL
KITCHEN SINK KILOWATT	<u>U</u>	
	UR	URINAL
LAVATORY	<u> </u>	
POUNDS	V	VERTICAL
LEVEL INDICATOR	VAC	VACUUM OUTLET
LABORATORY SINK, LEVEL SWITCH	VB	VACUUM BREAKER
LEAVING WATER TEMPERATURE	VCD	VOLUME CONTROL DAMPER
	VF	VANEAXIAL FAN
	VP	VACUUM PUMP
	VSP	VERTICAL COLUMN SUMP PU
MAKEUP AIR UNIT	V SI V TR	VENT THRU ROOF
MAXIMUM		VENT MIKE KOOF
MINIMUM CIRCUIT AMPS	<u>₩</u>	
	147	
MANUFACTURER	W	WIDE FLANGE, WIDTH
MANUFACTURER MINIMUM		
MANUFACTURER MINIMUM MODULATING	WBP	WATER BOOSTER PUMP
MANUFACTURER MINIMUM MODULATING	WBP WC	WATER CLOSET, WATER COLU
MANUFACTURER MINIMUM MODULATING	WBP WC WCO	WATER CLOSET, WATER COLU WALL CLEANOUT
MANUFACTURER MINIMUM MODULATING	WBP WC WCO WG	WATER CLOSET, WATER COLU WALL CLEANOUT WATER GAUGE
MANUFACTURER MINIMUM MODULATING MOP SINK	WBP WC WCO WG WH	WATER CLOSET, WATER COLU WALL CLEANOUT WATER GAUGE WALL HYDRANT
MANUFACTURER MINIMUM MODULATING MOP SINK NORMALLY CLOSED	WBP WC WCO WG WH WHA	WATER CLOSET, WATER COLU WALL CLEANOUT WATER GAUGE WALL HYDRANT WATER HAMMER ARRESTOR
MANUFACTURER MINIMUM MODULATING MOP SINK NORMALLY CLOSED NORMALLY OPEN, NUMBER	WBP WC WG WH WHA WM	WATER CLOSET, WATER COLU WALL CLEANOUT WATER GAUGE WALL HYDRANT WATER HAMMER ARRESTOR WALL MOUNTED
MANUFACTURER MANUFACTURER MINIMUM MODULATING MOP SINK NORMALLY CLOSED NORMALLY OPEN, NUMBER NET POSITIVE SUCTION HEAD REQUIRED NEUTRALIZATION TANK	WBP WC WCO WG WH WHA	WATER CLOSET, WATER COLU WALL CLEANOUT WATER GAUGE WALL HYDRANT WATER HAMMER ARRESTOR

GENERAL ABBREVIATIONS						VALVE LE	VALVE LEGEND			PIPE FITTING LEGEND			
		G		P			<u>TION 2D SY</u>		<u>РLА</u> Ш	<u>N</u>	<u>PD SYMBOL</u> <u>DESCRIPTION</u>	1.	
	ALADH CONDRESSED ATD OUTLET	<u>×</u>	CAS OUTLET	<u> </u>	DDESSUDE DOOD (FEET OF WATER)	BC> E	₽ \$	ANGLE VALVE			BLIND FLANGE		
	ALARM, COMPRESSED AIR OUTLET AIR COMPRESSOR	G GA	GAS OUTLET GAUGE	PD PAC	PRESSURE DROP (FEET OF WATER) PACKAGED AIR CONDITIONING UNIT	പകാലം എ		► BACKFLOW PREVENTER W/ STRAINER (2" AND SMALLER)	В] CAP	2	
	ACCESS DOOR, AIR DRYER ADJUSTABLE FREQUENCY DRIVE	GALV GCO	GALVANIZED GRADE CLEANOUT	PDI PDS	PLUMBING AND DRAINAGE INSTITUTE PRESSURE DIFFERENTIAL SWITCH	T T	Т					,	
	ABOVE FINISH FLOOR	GD	GARBAGE DISPOSER	PL	PLATE		⊐₽́4 ₽́4	BACKFLOW PREVENTER	Ð				
1	ALUMINUM ACCESS PANEL	GIH GPM	GAS INFRARED HEATER GALLONS PER MINUTE	POS PPM	POSITION PARTS PER MILLION								
ROX	APPROXIMATE AIR RECEIVER	GUH CV	GAS UNIT HEATER	PRS	PRESSURE REDUCING STATION PRESSURE REDUCING VALVE		н (BACKWATER VALVE					
)	AUTOMATIC	GV GW	GATE VALVE GLASS WASHER	PRV PS	PRESSURE REDUCING VALVE PRESSURE SWITCH						<i> ⊤^{TP} </i>		
	AVERAGE AUTOMATIC VALVE STATION	GWH	GAS WATER HEATER	PSI PSIA	POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH ABSOLUTE		⊫ +C	H BALL VALVE			TEST PLUG	3. /	
		<u>H</u>		PSIG	POUNDS PER SQUARE INCH GAUGE	_				1	du		
		Н	HAND OPERATOR, HEIGHT, HORIZONTAL	R		•••	T + X	+ BUTTERFLY VALVE				4	
	BLIND FLANGE	HE	HEAT EXCHANGER, HELIUM	-			₫ -~•			ר		5.	
	BELOW FINISH FLOOR BACKFLOW PREVENTER	HF HO	HOSE FAUCET HAND-OFF	RCS RD	REMOTE CONTROL STATION ROOF DRAIN		₫ -^•	CHECK VALVE			C P-IRAP		
2	BUILDING BOTTOM	HOA HP	HAND-OFF-AUTO HORSEPOWER	REQD	REQUIRED		r ¥ -≻	- GATE VALVE	-	, -	O VTR		
/	BRITISH THERMAL UNITS PER HOUR	HR	HOUR, HOSE REEL	<u>s</u>					Ť				
	BELL-UP BALL VALVE	HUM HV	HUMIDIFIER HOSE VALVE	SF	SQUARE FEET, SUPPLY FAN		Ĺ Ĵ¶ -≻×	GLOBE VALVE					
		HWB	HEATING WATER BOILER	SH	SHEET, SHOWER		~		PLUMB.	ING LEG	END	6. ,	
		ΗZ	HERTZ	SIM SS	SIMILAR STAINLESS STEEL,		<u>}</u> +⊽	+ PLUG VALVE	<u>PLAN</u>	<u>2D SYMBO</u>	<u>DESCRIPTION</u>		
τρ	CHANNEL	Ī		660	SERVICE SINK					-30			
R	CENTRIFUGAL CABINET FAN	I	INTAKE	SSP STD	SUBMERSIBLE SUMP PUMP STANDARD	Ø	<u>}</u> 4	PRESSURE REDUCING VALVE			RECEPTOR W/ TRAP		
	CENTERLINE CLEANOUT	ID IN	INSIDE DIAMETER INCHES	SV	SERVICE VALVE, SHUTOFF VALVE, SUPPLY VALVE, SOLENOID VALVE		」 -⊅ ∖	J-		<i>FC0</i>	CLEANOUT (FLOOR)	7. /	
2	CONCRETE	IN INV	INVERT		SS., E, METE, SOLLNOLD VALVE			three way valve					
-	CONNECTION CONTINUATION	J		<u>_</u>			•			CO	CLEANOUT (PIPE)	8.	
	CIRCULATING PUMP	-		TD	TRENCH DRAIN								
	CONTROL STATION CHECK VALVE, CONTROL VALVE	JS	JANITOR'S SINK	IP TS	TRAP PRIMER TAMPER SWITCH		UUE330	RIES LEGEND		-HW-	BLENDING VALVE		
	CLEAR WATER WASTE	<u>K</u>		TYP	TYPICAL	<u>PLAN</u>	<u>2D SYMBOL</u>	<u>DESCRIPTION</u>	đ	\triangleleft	DOWNSPOUT NOZZLE	9. ,	
		KS	KITCHEN SINK	<u>u</u>							· _		
	DIRECT DRIVE	KW	KILOWATT	UR	URINAL	HHXXXXXXX	+∕~+	FLEXIBLE CONNECTION			EMERGENCY SHOWER / EYEWASH		
	DEHUMIDIFIER	<u>L</u>		C/I		Hetero HF	<i>HF</i>	HOSE FAUCET W/O VACUUM BREAKER				10. ,	
	DRINKING FOUNTAIN DIAMETER	LAV	LAVATORY	<u>V</u>		nr	HF			\otimes	FLOOR DRAIN		
	DOWN	LBS	POUNDS	V	VERTICAL VACUUM OUTLET	HEVB	O+ [*] "	HOSE FAUCET W/ VACUUM BREAKER					
	DOWNSPOUT NOZZLE	LI LS	LEVEL INDICATOR LABORATORY SINK, LEVEL SWITCH	VAC VB	VACUUM BREAKER						HOSE RACK	11.	
		LWT	LEAVING WATER TEMPERATURE	VCD VF	VOLUME CONTROL DAMPER VANEAXIAL FAN	UTFH HV		HOSE VALVE W/ HOSE NIPPLE		 `			
	ELECTRIC	<u>M</u>		VP	VACUUM PUMP	PRS	DPC	PRESSURE REDUCING STATION	│ ║ <mark>╴</mark> ┣╸	╡	HOSE REEL		
	EACH EMERGENCY EYE WASH	MAU	MAKEUP AIR UNIT	VSP VTR	VERTICAL COLUMN SUMP PUMP VENT THRU ROOF	[<i>r</i> x 5]	<i>PRS</i> ഗ	FRESSURE REDUCING STATION		<u> </u>		12.	
	EFFICIENCY	MAX	MAXIMUM			5	r¥_	PRESSURE RELIEF VALVE	0	\bigcirc	ROOF DRAIN		
	ELEVATION EXPLOSION PROOF	MCA MFR	MINIMUM CIRCUIT AMPS MANUFACTURER	<u>w</u>						\cup		13. ,	
P	EQUIPMENT EMERGENCY SHOWER	MIN MOD	MINIMUM MODULATING	W	WIDE FLANGE, WIDTH WATER BOOSTER PUMP		<u> </u>	PRESSURE / TEMPERATURE RELIEF VALVE	Dee	\triangleleft	SHOWER		
EW	EMERGENCY SHOWER AND EYEWASH	MOD MS	MODULATING MOP SINK	WC	WATER CLOSET, WATER COLUMN	Q 🖽	[₽] ı ——	QUICK COUPLING			SPLASH BLOCK		
	EXPANSION TANK ELECTRIC WATER COOLER	N		WCO WG	WALL CLEANOUT WATER GAUGE		WH				SFLASH BLUUK		
	ELECTRIC WATER HEATER ENTERING WATER TEMPERATURE	NC	NORMALLY CLOSED	WH	WALL HYDRANT WATER HAMMER ARRESTOR		U+	WALL HYDRANT W/ VACUUM BREAKER	0	${\mathbb D}^{{\scriptscriptstyle \mathcal A}}$	WATER HAMMER ARRESTOR W/		
Т	ENTERING WATER TEMPERATURE EXISTING	NC NO	NORMALLY CLOSED NORMALLY OPEN, NUMBER	WH A WM	WALL MOUNTED		(M)	METER	8	Τ	PDI SIZE DESIGNATION	14. ,	
		NPSHR NT	NET POSITIVE SUCTION HEAD REQUIRED NEUTRALIZATION TANK	WST WT	WATER STORAGE TANK WEIGHT		<i>s</i> ∠			A TT 00			
		/ • /		** /	mL10///			WYE STRAINER	SCHEM	4 <i>11CS</i>		15.	
	DEGREES FAHRENHEIT FLOOR CLEANOUT	<u>0</u>					s So	WYE STRAINER W/ BLOWOFF	<u>2D SYMBOL</u>	DESCRIF	PTION		
	FLOOR DRAIN	OD ORD	OUTSIDE DIAMETER				~		¢	AIR-GA	P FITTING		
	DEGREES FAHRENHEIT DRY BULB FLEXIBLE	ORD	OVERFLOW ROOF DRAIN				Ę	VACUUM BREAKER	Ý		P DRAIN OR		
	FLOW METER FEET PER MINUTE										RECEPTOR	16.	
	FUNNEL RECEPTOR					PIPING L	EGEND		l î	FLOOR	CLEANOUT	,	
	FLOOR SINK, FLOW SWITCH FILTER SURFACE WASH									FLOOR L	DRAIN	17.	
	FEET					<u>PLAN</u>	<u>2D SYMBOL</u>			FLOOR	DRAIN W/ FUNNEL		
								- PIPING ABOVE FLOOR OR GRADE	Т			18.	
									ΙL	VENT TH	HROUGH ROOF	/ 21 /	
EM	ABBREVIATIONS							, 1, 1, G DELON ILOUR OR GRADE				19.	
							oo	- PIPE TURNING UP	SCHEM	4/1CS S	PECIALTIES		
2			<u>WASTE</u>	٤	SPECIAL	_ h_1			<u>2D SYI</u>	MBOL [ESCRIPTION		
_	AND WATER AND ACTIONS						сс	- PIPE TURNING DOWN			UTOMATIC VALVE STATION		
	COLD WATER (NON-POTABLE)		CRV CHEMICAL RESISTANT VENT		A COMPRESSED AIR	CONTROL	ז הואג ז	NSTRUMENTATION		-	ASKET STRAINER		
	COLD WATER (POTABLE)		CRW CHEMICAL RESISTANT WAST	E /	AR ARGON				$-\underline{3}$	_			
	DEIONIZED WATER		CWW CLEAR WATER WASTE	ŀ	FOR FUEL OIL RETURN	<u>2D SYMBOL</u>	<u>DESCR1</u>	<u>PTION</u>	^	<u>с</u> С	OMBINATION PUMP DISCHARGE VALVE		
	DISTILLED WATER		D INDIRECT DRAIN	ŀ	FOS FUEL OIL SUPPLY		FLOW S			· ′	LOW CONTROL VALVE		
						(FS)				ק			
	FIRE PROTECTION WATER		GWW GREY WATER WASTE	ŀ	FOV FUEL OIL VENT		LEVEL	SWITCH		F	LOW SENSOR METER		
	HOT WATER CIRCULATING (POTABLE)		PD SUMP PUMP DISCHARGE	ŀ	H HYDROGEN		PRESSL	RE GAUGE W/ SHUTOFF VALVE	↓	<i>/</i>	IR VENT		
,	HOT WATER (NON-POTABLE)		SAN SANITARY DRAIN	ŀ	HE HELIUM	<u> </u>			6	F	OTAMETER		
	HOT WATER (POTABLE)		ST STORM DRAIN		IE METHANE	S	SOLENC	ID OPERATOR					
						\bigcirc	THFRM	DMETER – DIAL TYPE		S	IGHT FLOW INDICATOR		
	PLANT EFFLUENT WATER		V VENT	/	N NI TROGEN] s	UCTION DIFFUSER (SCHEMATIC)		
				/	NO NITROUS OXIDE	I U	THERMO	OMETER – STEM TYPE	TP	1 7	RAP PRIMER		
	SERVICE WATER					_			1	,			
	SERVICE WATER SOFTENED WATER		<u>FUEL GAS</u>		OXYGEN		VACUUI	1 GAUGE W/ SHUTOFF VALVE] ,			
	SOFTENED WATER		<u>FUEL GAS</u> G NATURAL GAS	C	DX OXYGEN		VACUUI	1 GAUGE W/ SHUTOFF VALVE] ,			
,				C		Ŷ	VACUUI	A GAUGE W/ SHUTOFF VALVE] ,			

