

EQUIPMENT NUMBERING SYSTEM



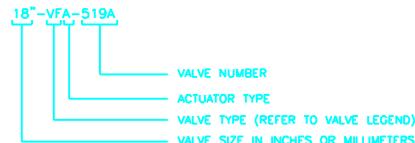
EQUIPMENT LEGEND

MTR	MOTOR	
BRD	BRIDGE	
BLW	BLOWER	
CLF	CLARIFIER	
FAN	FAN	
FLT	PRESSURE FILTER	
CRN	CRANE	
ART	FIXED AERATOR	
	FLOATING AERATOR	
SCR	SCRAPER	
STN	PUMP SUCTION STRAINER	
TPI	TILED PLATE INTERCEPTOR	
BSC	BAR SCREEN	
FPS	FILTER PRESS	

PUMPS LEGEND

PMP	SINGLE HEAD RECIP. PUMP	
	CENTRIFUGAL HORIZONTAL PUMP (END SUCTION)	
	AIR LIFT PUMP	
	VERTICAL MULTI-STAGE PUMP	
	VERTICAL SINGLE STAGE PUMP	

VALVES NUMBERING SYSTEM



VALVES LEGEND

VO-	DIAPHRAGM	
VF-	BUTTERFLY	
VA-	GATE	
VO-	GLOBE	
VBL	BALL	
PNS	PENSTOCK	
V3-	THREE WAY	
VCK	CHECK	
VSR	SELF REGULATING	
VPR	PRESSURE RELIEF	
VND	NEEDLE	
VAR	SINGLE BALL AIR RELIEF	
	DOUBLE BALL AIR RELIEF	
VUT	FOOT	
V3S	SOLENOID WITH THREE WAY VALVE	
VHM	ANTI HAMMER	
PI	PRESSURE INDICATOR	
VLO	MECHANICAL FLOAT VALVE	
MOM	ELECTRO MAGNETIC FLOW METER	
SIR	STRAINER	
OFM	ORIFICE FLOW METER	

VALVES ACTUATORS

G		GEAR OPERATED
M		MOTOR OPERATED
A		PNEUMATIC OPERATED
H		HAND OPERATED
S		SOLENOID

LINES NUMBERING SYSTEM



PIPE FITTINGS

BLIND FLANGE	
RETURN BEND	
DISMANTLING PIECE	
FLEXIBLE JOINT	
REDUCER	
REDUCING TEE	
DRAIN FUNNEL	
ON LINE STRAINER	
QUICK COUPLING	

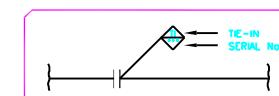
PIPE MATERIAL CLASSES

MATERIAL	ABBREVIATION
CAST IRON GRAY	O
CEMENT LINES	CMN
CARBON STEEL SEAMLESS	CSL
CARBON STEEL SEAM	CSM
CARBON STEEL SPIRAL	CSS
CAST STEEL	CST
POLY VINYL CHLORIDE	PVC
STAINLESS STEEL	STS
CAST IRON DUCTILE	CD
RUBBER	RUB
ASBESTOS	ASB
GALVANIZED STEEL	GSL

FLUID SERVICE

LEGEND	DESCRIPTION
AIR	BLOWING AIR
ALM	ALUM SOLUTION
ARW	AERATED WATER
BKW	BACKWASH WATER
CHL	CHLORINE GAS
CHW	CHLORINATED WATER
CLW	CLARIFIED WATER
DRW	DRAINED WATER
FLW	FILTERED WATER
GRS	GREASE
GRT	GRIT
PAC	POWDER ACTIVATED CARBON
PAW	PRE-AERATED WATER
OIL	RAW OIL
ODR	ODOR CONTROL AGENT
OF	OVER FLOW
RAS	RETURN SLUDGE
RAW	RAW WATER
RSW	RAW SEWAGE
TRW	TREATED WATER
ROL	RECOVERED OIL
SCM	SCUM
SCY	SLUDGE RECYCLE
SOD	SODA ASH SOLUTION
SUP	SODA ASH SOLUTION
SRW	SUPERNATANT
WAS	SERVICE WATER
	ACCESS SLUDGE

TIE-IN INDICATION



INSTRUMENTATION INDICATIONS

	LEVEL L	FLOW F	PRESSURE P	TEMP T	ANALYZER AR	CLARITY CT	POSITION X	HAND H
TRANSMITTER	T	LT	FT	PT	TT	ART	-	-
CONTROLLER	C	LC	FC	PC	TC	-	-	-
INDICATOR	I	LI	FI	PI	TI	ARI	CTI	-
RECORDER	R	LR	FR	PR	TR	ARR	-	-
ELEMENT	E	LE	FE	PE	TE	ARE	-	XE
INDICATOR CONTROLLER	IC	LIC	FIC	PIC	TIC	-	-	HIC
TOTALIZER	Q	-	FQ	-	-	-	-	-
INDICATOR TOTALIZER	IQ	-	FIQ	-	-	-	-	-
SOLENOID, CONVERTER	Y	LY	FY	PY	TY	-	-	-
GLASS	G	LG	FG	-	-	-	-	-
A/S	HIGH H	LAH/LSH	FAH/FSH	PAH/PSH	TAH/TSH	-	-	XSH
	HIGH HIGH HH	LAHH/LSHH	FAHH/FSHH	PAHH/PSHH	TAHH/TSHH	-	-	XSHH
LOW L	LAL/LSL	FAL/FSL	PAL/PSL	TAL/TSL	-	-	-	XSL
LOW LOW LL	LALL/LSLL	FALL/FSLL	PALL/PSLL	TALL/TSLL	-	-	-	XSSL
SWITCH	S	-	-	-	-	-	-	XS HS



FLASH BEACON

LOCALLY MOUNTED

REMOTE

MAIN CONTRACTOR:

PROJECT

0	FOR APPROVAL	MAK	MIM	MYM
NO.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
TITLE				
PROJECT. NO.	DWG. NO.	LEG-001	SCALE : NTS	SHEET NO. : 1 OF 1

CLIENT: