

PAINT SCHEDULE

ITEM	SURFACE PREPARATION	FIELD PRIME	INTERMEDIATE COATING	FINAL COATING
PUMP STATION BUILDING				
Exterior Siding (not to be painted)	-	-	-	-
Interior Concrete Masonry	A	D	C	A
New Exterior Wall (Below Grade)	E	I	-	D
Floor (See Specification 07195)	-	-	-	-
WETWELL PUMP STATION (INTERIOR)				
Sewage Pumps - Factory Painted	-	-	-	-
Piping, Valves and Appurtenances in Wetwell	C	J	D	G
Piping, Valves, and Appurtenances in Vault	C	M	-	A
Wall, & Floor (See Specification 07195)	-	-	-	-
WETWELL PUMP STATION (EXTERIOR)				
Exterior Wall (Below Grade)	STANDARD CITY OF WICHITA MANHOLE COATING			
Top	STANDARD CITY OF WICHITA CONCRETE PAVEMENT SEALER			
HATCH (STAINLESS STEEL) (H20)	-	-	-	-
VALVE VAULT (INTERIOR)				
Piping, Valves, and Appurtenances in Vault	C	M	-	A
Walls, & Floor (See Specification 07195)	-	-	-	-
VALVE VAULT (EXTERIOR)				
Exterior Wall (Below Grade)	STANDARD CITY OF WICHITA MANHOLE COATING			
Top	STANDARD CITY OF WICHITA CONCRETE PAVEMENT SEALER			
HATCH (STAINLESS STEEL) (H20)	-	-	-	-
AIR RELEASE VAULT (INTERIOR) DELETED				
Piping, Valves, and Appurtenances in Vault	C	M	-	A
Walls, & Floor (See Specification 07195)	-	-	-	-
AIR RELEASE VAULT (EXTERIOR) DELETED				
Exterior Wall (Below Grade)	STANDARD CITY OF WICHITA MANHOLE COATING			
Top	STANDARD CITY OF WICHITA CONCRETE PAVEMENT SEALER			
MANHOLE COVER	-	-	-	-

1. NO COATING REQUIRED FOR PLASTIC (INCLUDES PVC PIPE), STAINLESS STEEL, ALUMINUM, GALVANIZED STEEL, OR HDPE.

2. STRUCTURAL AND MISCELLANEOUS STEEL IS TO BE GALVANIZED UNLESS OTHERWISE NOTED. THIS COATING IS FOR STEEL THAT IS NOT GALVANIZED.

3. GALVANIZED STEEL SHALL BE TOUCHED UP WITH AN INORGANIC ZINC-RICH PRIMER, PRIMER SYSTEM IN THE SPECIFICATIONS.

PROCESS PIPING ABBREVIATIONS

ARP - AIR RELEASE PIPING	P - PUMP
C.A.A. - PRESSURE TREATED LUMBER	L.J. - LONGITUDINAL JOINT
C.J. - CONTROL JOINT	O.C. - ON CENTER
DP - DISCHARGE PIPING	PI - PRESSURE INDICATOR
DI - DUCTILE IRON	PD - PROCESS DRAIN
EB - EMERGENCY BYPASS	PW - POTABLE WATER
G - GAS	NPW - NON-POTABLE WATER
HDPE - HIGH DENSITY POLYETHYLENE	SS - SANITARY SEWER
RSG - RAW SEWAGE GRAVITY	SST - STAINLESS STEEL
RSH - RAW SEWAGE HIGH PRESSURE	SW - SERVICE WATER
RSP - RAW SEWAGE PUMP	SWS - STORM WATER SEWER

PAINT LEGEND

SURFACE PREPARATION	INTERMEDIATE COATINGS
A. -GENERAL	A. -ACRYLIC LATEX
B. -COMMERCIAL SANDBLAST	B. -ALKYD ENAMEL
C. -NEAR-WHITE SANDBLAST	C. -ACRYLIC LATEX
D. -WIRE BRUSH	D. -EPOXY
E. -BRUSH-OFF SANDBLAST	E. -BLEACHING OIL
F. -ABRASIVE BLAST	F. -POLYAMINE EPOXY
	G. -ALIPHATIC ACRYLIC
	H. -ACRYLIC EMULSION
	I. -EPOXY
PRIMERS	FINAL COATINGS
A. -INORGANIC ZINC PRIMER	A. -EPOXY
B. -EPOXY PRIMER	B. -ALKYD ENAMEL
C. -ALKYD-PHENOLIC UNIVERSAL	C. -ACRYLIC LATEX
D. -ACRYLIC MASONRY FILLER PRIMER	D. -WATERPROOFING
E. -ACRYLIC LATEX	E. -SILICONE ALKYD ENAMEL
F. -VINYL WASH PRIMER	F. -ACRYLIC POLYURETHANE
G. -ACRYLIC EMULSION	G. -EPOXY
H. -MODIFIED EPOXY BLOCK FILLER	H. -MASONRY SEALER
I. -WATERPROOFING	I. -SEALER - PRESERVATIVE
J. -EPOXY	J. -STONE SEALER
K. -PATCH/FILLER/SURFACER	K. -CATALYZED EPOXY
L. -POLYAMINE EPOXY	L. -ELASTO SHIELD SERIES 262
M. -POLYAMIDE EPOXY	M. -ACRYLIC EMULSION
N. -EPOXY	N. -POLYAMINE EPOXY
	O. -EPOXY

REFER TO SPECIFICATIONS FOR LIST OF APPROVED PAINT TYPES AND MANUFACTURERS.

PIPE MATERIAL SCHEDULE

LINE DESIGNATION	INSTALLATION	MATERIAL	COMMENTS
FM	EXPOSED	D.I./FLG	4" & LARGER
	BURIED	D.I./M.J.	4" & LARGER
	BURIED	H.D.P.E./SDR 11	---
FORCE MAIN CASING	BURIED	H.D.P.E./SDR 17	---
PW	BURIED	COPPER	3/4"
	EXPOSED	COPPER	3/4"
NPW	EXPOSED	COPPER	3/4"
G	EXPOSED	STEEL	UNDER 2"

LINETYPE SCHEDULE

EXISTING	NEW	FUTURE	
_____	_____	-----	PIPING & EQUIPMENT
_____	_____	-----	STRUCTURES

PUMP SCHEDULE

MARK	LOCATION	TYPE	MIN. CAPACITY		MIN. CONN. SIZES		MOTOR				
			GPM	TDH (FT)	EFF	SUCTION	DISCHARGE	HP	RPM	SPEED	ELECT.
P-1	WETWELL	SUBMERSIBLE	800	24	76.9%	8"	6"	10	1745	14.6 MIN.	460/60/3
P-2	WETWELL	SUBMERSIBLE	800	24	76.9%	8"	6"	10	1745	14.6 MIN.	460/60/3

NOTE:

BALL VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	OPERATOR	NOTES	SERVICES
BV-1	3/4"	GENERATOR BUILDING	NPT	MANUAL HANDLE	-	BACKFLOW PREVENTER
BV-2	2"	AIR RELEASE VAULT	NPT	MANUAL HANDLE	-	AIR RELEASE VAULT
BV-3	3/4"	GENERATOR BUILDING	NPT	MANUAL HANDLE	-	HB-1 SHUTOFF
BV-4	3/4"	GENERATOR BUILDING	NPT	MANUAL HANDLE	-	HB-2 SHUTOFF

NOTE:

PLUG VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	OPERATOR	NOTES	SERVICES
PV-1	8"	VALVE VAULT	FLANGE	MANUAL	1	8" FM-1
PV-2	8"	VALVE VAULT	FLANGE	MANUAL	1	8" FM-2
PV-3	8"	BURIED IN YARD	MJ	MANUAL	1	8" FM-1
PV-4	8"	BURIED IN YARD	MJ	MANUAL	1	8" FM-4

NOTES: 1. PROVIDE WITH 2" AWWA NUT AND VALVE BOX.

AIR RELEASE VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	NOTES	SERVICES
ARV-1	2"	AIR RELEASE VAULT	NPT	AIR & VACUUM	8" FM-1

COMMENTS:

MISCELLANEOUS EQUIPMENT

1. FLOOR DRAIN IN VALVE VAULT TO BE JAY R SMITH MODEL 2530, ZURN MODEL Z-742, OR APPROVED EQUAL.
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PRESSURE GAUGE SCHEDULE

MARK	SIZE	PRESSURE RANGE	LOCATION	FITTINGS	NOTES	SERVICES
PG-1	1/2"	0-200 PSI	VALVE VAULT	NPT	PROVIDE WITH DIAPHRAM	8" FM-1
PG-2	1/2"	0-200 PSI	VALVE VAULT	NPT	PROVIDE WITH DIAPHRAM	8" FM-2

CHECK VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	NOTES	SERVICES
CV-1	8"	VALVE VAULT	FLANGE	-	8" FM-1
CV-2	8"	VALVE VAULT	FLANGE	-	8" FM-2

GATE VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	NOTES	SERVICES
GV-1	1"	WATER SUPPLY	NPT	1	1" PW-1
GV-2	8"	VALVE VAULT	FLANGE	1	8" FM-3

NOTES: 1. PROVIDE WITH 2" AWWA NUT AND VALVE BOX.

PINCH VALVE SCHEDULE

MARK	SIZE	LOCATION	FITTINGS	NOTES	SERVICES
PNV-1	2"	VALVE VAULT SUMP DRAIN	HOSE CLAMP	-	2" PVC DRAIN

NOTES:

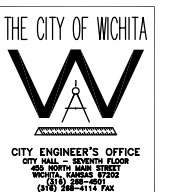
NO.	BY	DATE	DESCRIPTION
0	DLM	10/17/05	ISSUE FOR CONSTRUCTION
	MJV	4/26/07	CONFORMING TO CONSTRUCTION RECORDS DELETED ARE RELEASE VAULT



CITY OF WICHITA, KANSAS
15th STREET PUMP STATION
AND FORCE MAIN

LEGENDS AND SCHEDULES

CONFORMING TO
CONSTRUCTION RECORDS
4/20/07



DESIGNED BY	DLM	CHECKED BY	DLM
DRAWN BY	BDM	DATE	JUNE, 2005
PROJECT	0301030310	CONTRACT	-
DRAWING	G3	REVISION	0
FILE	S:\ENVR\03310\3PWG\General\0330053.DWG 11/01/2005 02:40:05 PM CST		