

INDEX OF DRAWINGS

[illegible]

THIS DOCUMENT
ORIGINALLY ISSUED
FOR CONSTRUCTION
AND SEALED BY
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NUMBER 24446

**WESTERN VIRGINIA WATER AUTHORITY
ROANOKE, VIRGINIA**

**CARVINS COVE WATER TREATMENT FACILITY
DISINFECTION IMPROVEMENTS**

INDEX, ABBREVIATIONS AND LEGEND

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING. 	DATE OCTOBER 2014 H&S JOB NUMBER 31197-000	
	CONTRACT NUMBER 1	DRAWING NUMBER G1

MECHANICAL

M1	YARD PIPING PLAN
M100	SODIUM HYPOCHLORITE FEED SYSTEM SCHEMATIC
M101	SERVICE WATER SCHEMATIC
M102	CHEMICAL BUILDING 1 DAY TANK AND FEED PUMPS
M103	CHEMICAL BUILDING 1 DETAILS
M200	CHEMICAL BUILDING 2 BULK TANK AND TRANSFER PUMPS

E1	LEGEND AND GENERAL NOTES
E100	CHEMICAL BUILDING 1 POWER PLAN
E101	CHEMICAL BUILDING 1 BLOCK DIAGRAM
E200	CHEMICAL BUILDING 2 PLAN
E201	CHEMICAL BUILDING 2 BLOCK DIAGRAM
E202	CHEMICAL BUILDING 2 WIRING DIAGRAMS

LEGEND

SYMBOLS

	BUTTERFLY VALVE		MECHANICAL COUPLING
	PLUG VALVE		WELDED JOINT
	SWING CHECK VALVE		FLANGED JOINT
	GLOBE VALVE		MECHANICAL, PUSH ON OR RESTRAINED JOINT
	PINCH VALVE		SLUICE GATE
	DIAPHRAGM VALVE		SLIDE GATE/STOP GATE
	BALL VALVE		FLUSHING CONNECTION
	BALL CHECK VALVE		HOSE BIBB
	HARNESSES FLANGED ADAPTER		QUICK DISCONNECT FITTING
	HARNESSES SLEEVE TYPE COUPLING		YARD HYDRANT
	SLEEVE TYPE COUPLING		FIRE HYDRANT
	HARNESSES FLEXIBLE COUPLING		SOIL BORING

LINETYPES

SECTION LETTER

DRAWING FROM WHERE SECTION WAS TAKEN

STANDARD DETAILS ARE REFERENCED BY A UNIQUE SEVEN DIGIT NUMBER AND ARE SHOWN ON THE CONTRACT DRAWINGS BY ONE OF TWO METHODS:

1508203	----->	REFERENCED ITEM
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OR:

STANDARD DETAILS ARE COMPILED IN APPROXIMATE NUMERICAL ORDER IN THE BACK OF THE CONTRACT DRAWINGS ON THE D^o DRAWINGS.