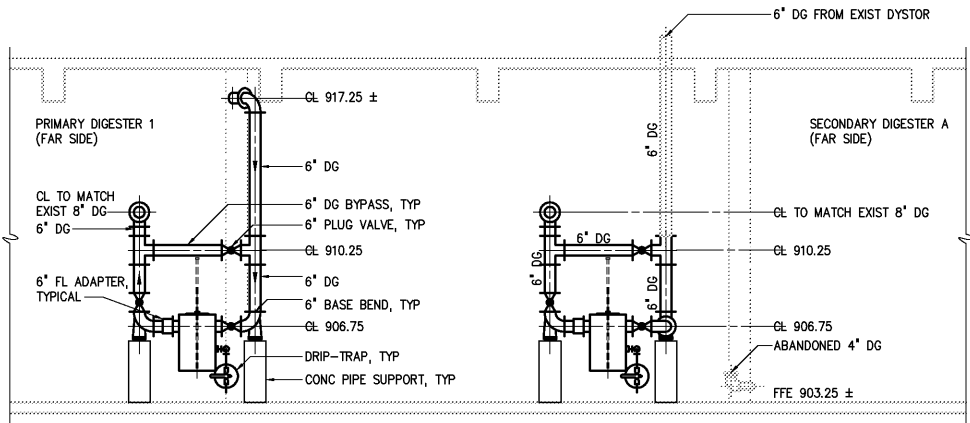


DEMOLITION PLAN – DG AND HOT WATER PIPING AT DIGESTERS 1,2,3 AND A

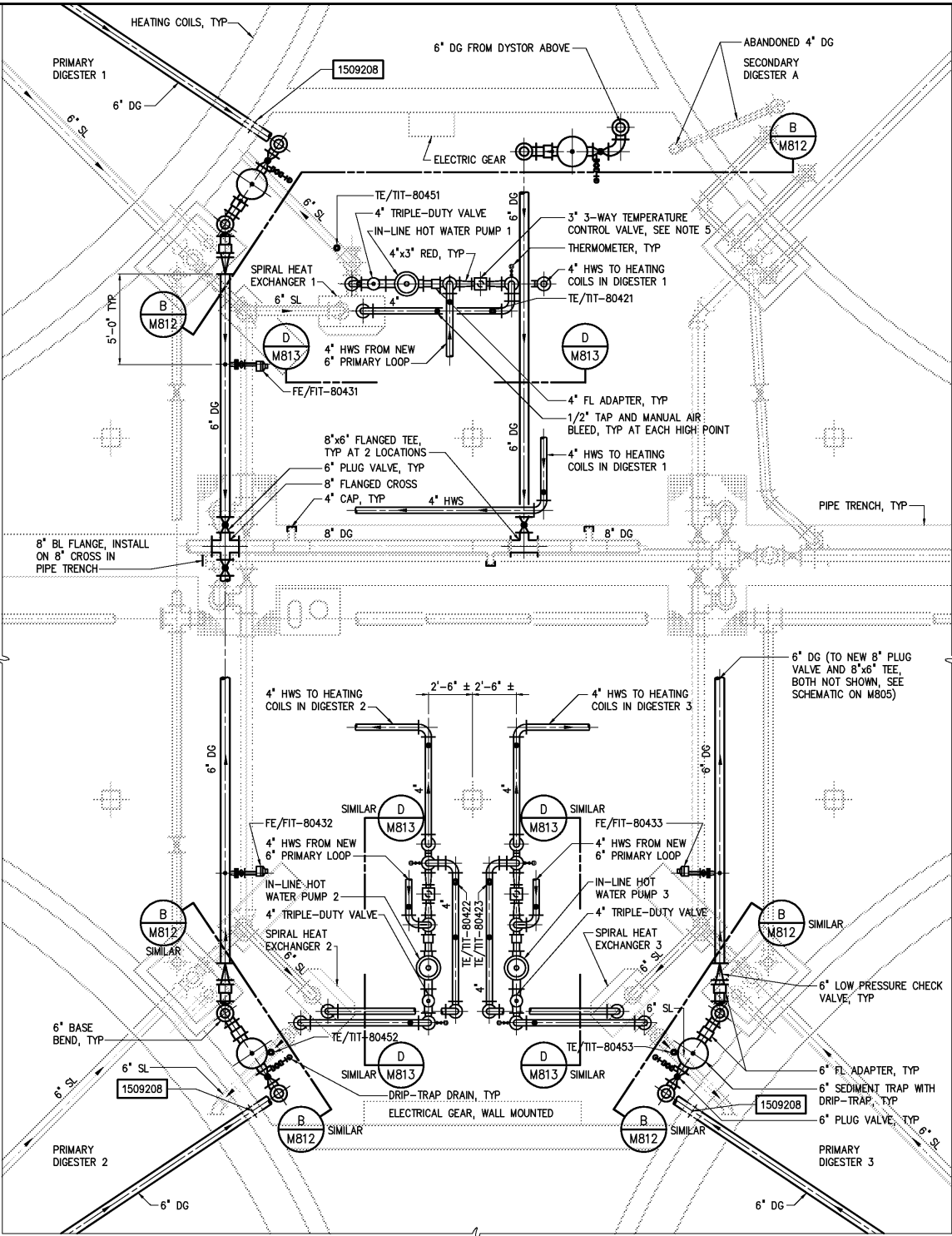
1/8"=1'-0"



NOTE:
INSTALLATION OF NEW 6" DIGESTER GAS PIPING
AND EQUIPMENT FOR PRIMARY DIGESTERS 2
AND 3 SHALL BE SIMILAR AS SHOWN FOR
PRIMARY DIGESTER 1 ABOVE.

SECTION AT DIGESTERS 1 AND A

SECTION B
1/4"=1'-0" M812



PLAN – DG AND HOT WATER PIPING AT DIGESTERS 1,2,3 AND A

1/4"=1'-0"

NOTES:

- ALL NEW FITTINGS TO BE INSTALLED IN EXISTING DIGESTER GAS PIPING SHALL BE CONNECTED TO EXISTING DG PIPING USING MEGA-FLANGES
- TYPE OF MEGA-FLANGE SHALL BE AS REQUIRED TO ACCOMMODATE EXISTING DIGESTER GAS PIPING
- EXISTING DIGESTER GAS PIPING MATERIAL IS EITHER FRP (REINFORCED FIBERGLASS) OR STEEL PIPING
- ALL FLANGED ADAPTERS SHALL BE RESTRAINED JOINT
- 3-WAY TEMPERATURE VALVE SHALL BE INDUSTRIAL GLOBE STYLE 3-WAY DIVERTING VALVE AS MANUFACTURED BY SAMSON MODEL 3244-4 WITH ELECTRICAL ACTUATOR. ELECTRICAL ACTUATOR SHALL BE 120V AC, 4-20mA INPUT SUITABLE FOR CLASS 1, DIVISION 1, GROUP D ENVIRONMENT. VALVE SHALL BE ANSI 150 FLANGE, STAINLESS STEEL BODY 316 STAINLESS STEEL TRIM, METAL SEAL, CLASS IV, CV=70, LINEAR AND CLASS 150 PRESSURE RATING.
- DIGESTER GAS FLOW METERS SHALL BE INSTALLED ON OF DIGESTER GAS PIPING

DESIGNED	CMB/HGM
DRAWN	HGM
CHECKED	
PROJ. ENGR.	DAN
APPROVED	
NO.	
AS BUILT	OCT 2007
CONSTRUCTION	MAR 2004
REGULATORY APPROVAL	NOV 2003
ISSUED FOR	DATE
BY	

THIS DOCUMENT ORIGINALLY ISSUED
FOR CONSTRUCTION AND SEALED BY
ROBERT S. DIFIORE, SEAL NO. 22769

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

DIGESTER MODIFICATIONS

MECHANICAL
PLANS AND SECTION - DG AND HOT WATER
PIPING AT DIGESTERS 1, 2, 3 AND A

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE MARCH 2004
H & S JOB NUMBER 30788B	CONTRACT NUMBER B
DRAWING NUMBER M812	