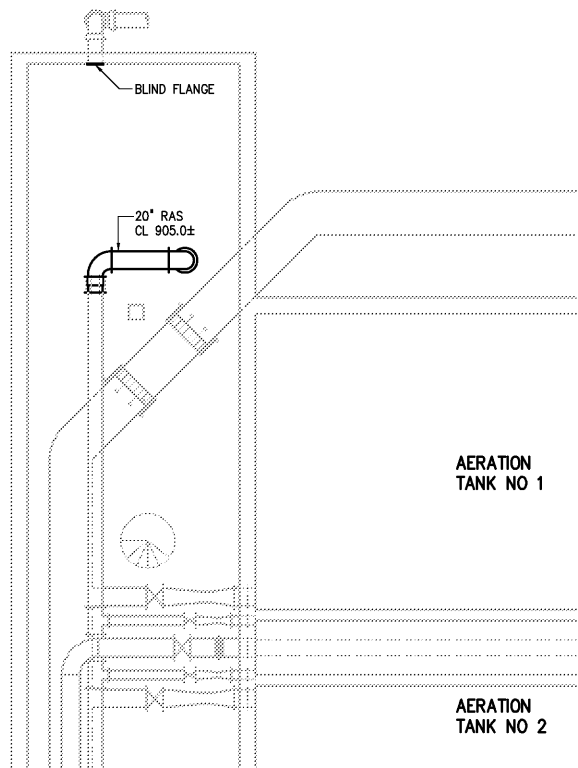
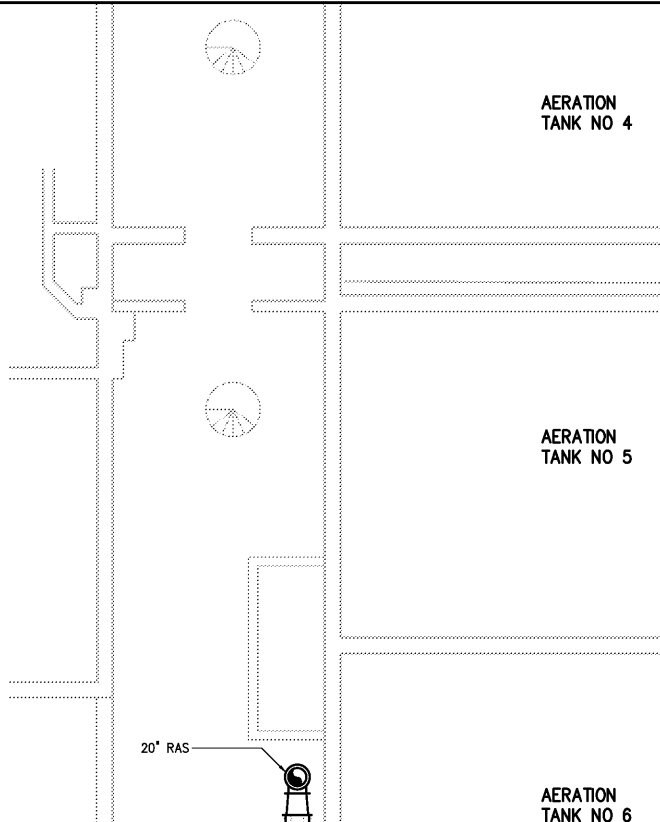


PARTIAL BOTTOM PLAN
1/8"=1'-0"



PARTIAL INTERMEDIATE PLAN
1/8"=1'-0"



20" RAS

AERATION
TANK NO 5

AERATION
TANK NO 6

1516402 TYP

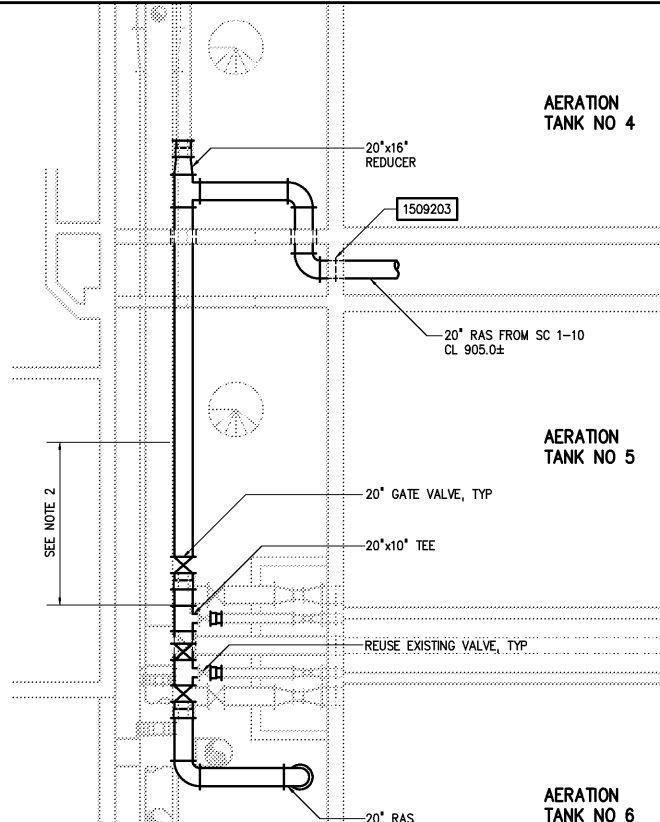
24" RAS
CL 896.34±

8" BLIND
FLANGE, TYP 3

AERATION
TANK NO 7

AERATION
TANK NO 8

PARTIAL BOTTOM PLAN
1/8"=1'-0"



20"x16"
REDUCER

1509203

20" RAS FROM SC 1-10
CL 905.0±

AERATION
TANK NO 5

AERATION
TANK NO 6

20" GATE VALVE, TYP

20"x10" TEE

REUSE EXISTING VALVE, TYP

20" RAS
CL 905.0±

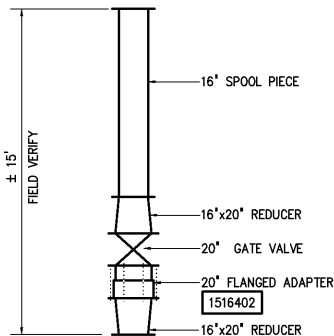
AERATION
TANK NO 7

AERATION
TANK NO 8

PARTIAL INTERMEDIATE PLAN
1/8"=1'-0"

NOTES:

1. CONTRACTOR SHALL PROVIDE ALL FITTINGS, ADAPTERS, THRUST RESTRAINT, AND OTHER APPURTENANCES REQUIRED TO TIE INTO EXISTING PIPING.
2. TEMPORARY PIPING IS TO BE INSTALLED IN THIS SECTION OF HEADER AS SHOWN IN DETAIL 1/M402 AND AS DESCRIBED IN SECTION 01520.



TEMPORARY PIPING

DETAIL	1
1/4"=1'-0"	M402

3	AS BUILT	OCT 2007	RLT
2	CONSTRUCTION	MAR 2004	RLT
1	REGULATORY APPROVAL	NOV 2003	RLT
NO.	ISSUED FOR	DATE	BY

DESIGNED	H & S
DRAWN	RWB
CHECKED	
PROJ. ENGR.	DAN
APPROVED	

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

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649

RECORD DRAWING

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HAZEN AND SAWYER
Environmental Engineers & Scientists
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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

AERATION TANK MODIFICATIONS
MECHANICAL
PARTIAL PLANS

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 M402