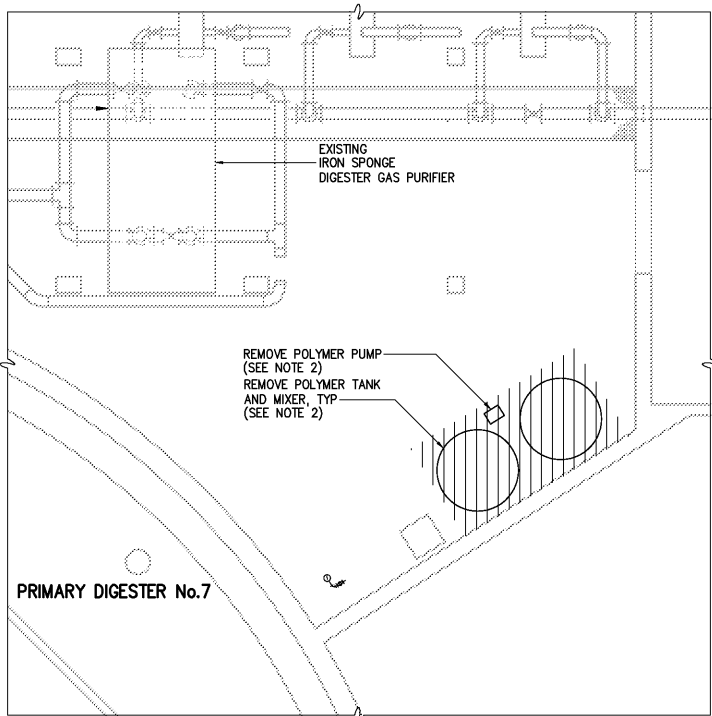
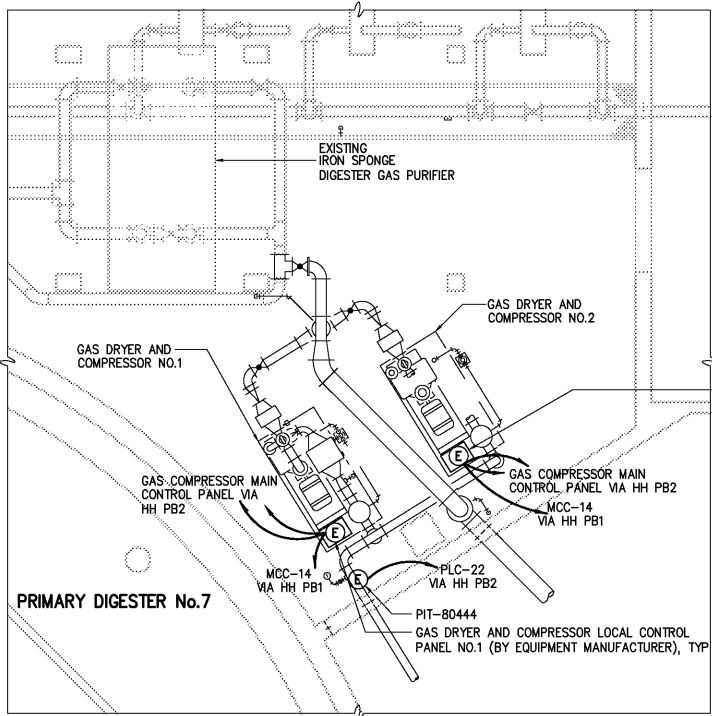


- NOTES:
- 1 ALL ELECTRICAL EQUIPMENT INSTALLED IN THE DIGESTER BUILDING SHALL BE RATED FOR USE IN CLASS 1, DIVISION 1, GROUP D ENVIRONMENT.
 - 2 THE CONTRACTOR SHALL PERFORM ALL ELECTRICAL WORK NECESSARY TO REMOVE THE EXISTING POLYMER TANKS, POLYMER MIXERS, AND POLYMER PUMPS.



DEMOLITION PLAN

3/16"=1'-0"



PARTIAL PLAN – DIGESTER GAS DRYER AND COMPRESSOR

3/16"=1'-0"

120/240 VOLTS 1Ø, 3 WIRE						LP-14A						TYPE: MOUNT: SURFACE											
												MAIN BKR 125 A 2 P											
DESCRIPTION		WIRE	CKT BKR			VOLT AMPERE		VOLT AMPERE		CKT BKR			WIRE	DESCRIPTION									
			TRIP	POLE	NO	ØA	ØB	ØA	ØB	NO	POLE	TRIP											
FIT-80431,80432,80433,80434		↓	20	1	1	400		300		2	1	20	↓	FIT-80435, 80436, 80437									
MOV-80211		↓	20	1	3		500		1000	4	1	20	↓	MOV-80212 & 80213									
MOV-80214 & 80215		↓	20	1	5	1000		1000		6	1	20	↓	MOV-80216 & 80217									
FIT-80400 & 80440		↓	20	1	7		100		1000	8	1	20	↓	CONDENSATE RECOVERY UNIT PNL									
SPARE		↓	20	1	9					10	1	20	↓	SPARE									
SPARE		↓	20	1	11					12	1	20	↓	SPARE									
SPARE		↓	20	1	13					14	1	20	↓	SPARE									
SPARE		↓	20	1	15					16	1	20	↓	SPARE									
SPARE		↓	20	1	17					18	1	20	↓	SPARE									
SPARE		↓	20	1	19					20	1	20	↓	SPARE									
SPARE		↓	20	1	21					22	1	20	↓	SPARE									
SPARE		↓	20	1	23					24	1	20	↓	SPARE									
NEMA 7 (EXPLOSION PROOF)			TOTAL			1400	600	1300	2000	TOTAL													
			PHASE TOTAL			TOTAL LOAD																	
			2700	2600	5300																		

CONDUIT AND WIRE LEGEND

(NUMBERS REFERENCE THIS SHEET ONLY)

NO.	DESCRIPTION
1	2#12, #12G, 3/4"ø

				DESIGNED	BRL
				DRAWN	BRL
				CHECKED	
3	ADDITIONAL 1	APRIL 22/2004	RLT	PROJ. ENGR.	DAN
2	CONSTRUCTION	MAR 2004	RLT		
1	REGULATORY APPROVAL	NOV 2003	RLT		
NO.	ISSUED FOR	DATE	BY	APPROVED	

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

RECORD DRAWING

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

DIGESTER MODIFICATIONS
ELECTRICAL
PARTIAL PLANS AND PANEL SCHEDULE

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	E803