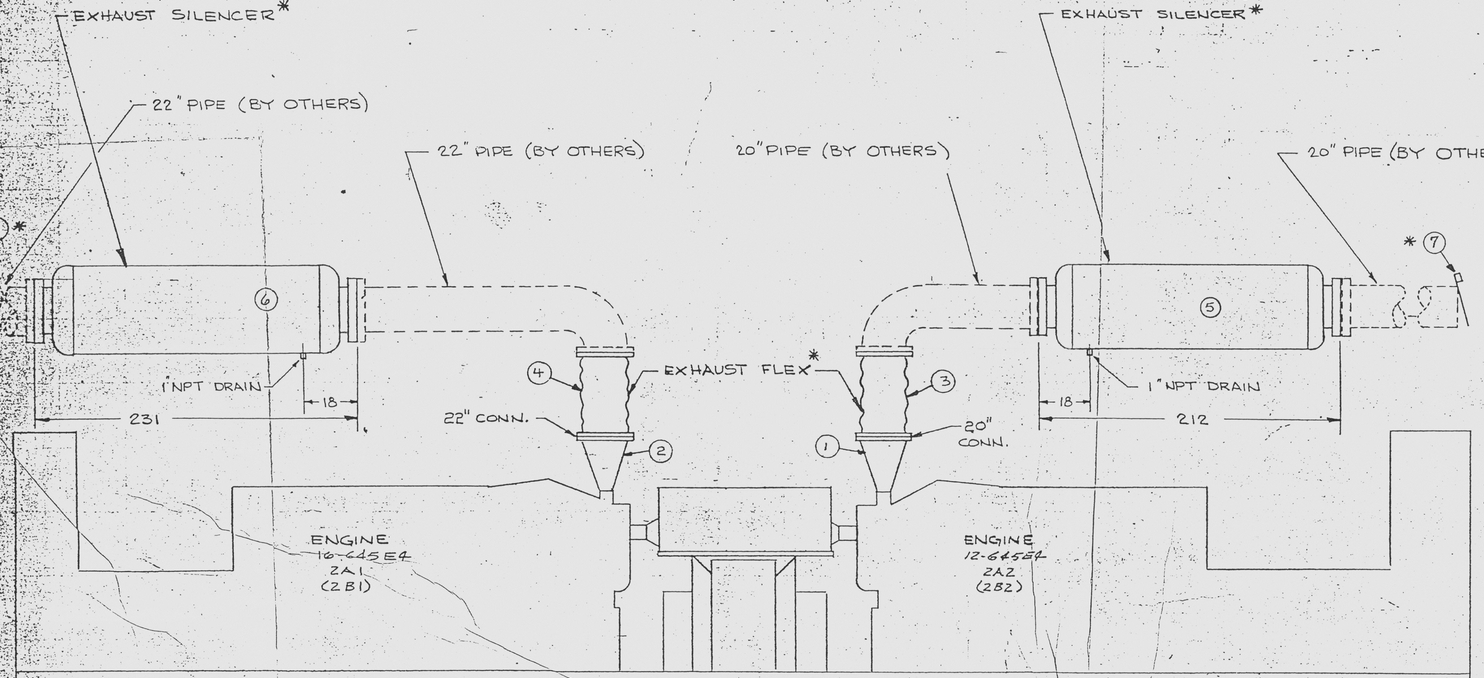

NOTE:

1. EXHAUST DATA

	12-645E4	16-645E4
TEMPERATURE	790°F	745°F
VOLUME	15,800 CFM	19,650 CFM
DENSITY	0.032 lb/Ft³	0.033 lb/Ft³
SYSTEM BACKPRESSURE	5" H_2O MAX.	5" H_2O MAX.

* 2. THESE ITEMS ARE SUPPLIED BY PSD, SHIPPED LOOSE, AND MOUNTED BY CUSTOMER AT INSTALLATION.

3. PIPING SHOWN IN DASHED LINES IS BY CUSTOMER AT INSTALLATION.

4. PRESSURE DROP ΔP THROUGH EXHAUST SILENCER IS 0.4" H_2O

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
	A	SEPARATED SILENCERS, IDENTIFIED EXH. SILENCER DELETED EXH. SIL. DRAIN.	2-24-76	ESL
	B	ADD EXH. SIL. DRAIN SIZE & LOC.; ADD EXH. SIL. O.L.; REV'D NOTES; ADD NOTE 4.	24 SEP 76	CWB
	C	REMOVE EXH. PIPE TYPE, CUST. COMM.	16 MAR 77	CWB

ITEM NO.	B/M NO.	NOMENCLATURE OR DESCRIPTION	CODE IDENT.	PART OR IDENTIFYING NO.	QTY. REQ'D.
8	908	22" EXHAUST PIPE RAIN SHIELD			1
7	907	20" EXHAUST PIPE RAIN SHIELD			1
6	906	22" EXHAUST SILENCER, FOR 16-645E4	UTR-22	UNIVERSAL SIL A 23-1470	1
5	905	20" EXHAUST SILENCER, FOR 12-645E4	UTR-20	UNIVERSAL SIL A 23-1469	1
4	904	EXHAUST FLEX, 22" PIPE, FOR 16-645E4		FLEXONICS LCL-22-050-2	1
3	903	EXHAUST FLEX, 20" PIPE, FOR 12-645E4		FLEXONICS LCL-20-050-2	1
2	902	EXHAUST ADAPTER, 16-645E4, 22" PIPE		EMD 8365027	1
1	901	EXHAUST ADAPTER, 12-645E4, 20" PIPE		EMD 8398999	1

LIST OF MATERIAL OR PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
MATERIAL
TREATMENT
FINISH
NEXT ASSY | USED ON | NEXT ASSY | FINAL ASSY
APPLICATION | QTY. REQD.

CONTRACT NO. IWO 6002
ST LUCIE No. 2
FLORIDA POWER & LIGHT

	NAME	DATE
APPROVED		
ENGINEER	GW	12/5/75
CHECKER	CWB	5 DEC 75
DRAFTSMAN	JRM	11/26/75
DESIGN ACTIVITY APPROVAL		

POWER SYSTEMS DIVISION
MORRISON-KNUDSEN COMPANY, INC.
ROCKY MOUNT, NORTH CAROLINA 27801

TITLE: SCHEMATIC DIAGRAM - EXHAUST SYSTEM PIPING

SIZE D | CODE IDENT. NO. 6E148 | DRAWING NO. 6002D09001 | REV. C
SCALE NONE | WT. | SHEET 1 of 1

ISSUED
SEP 19 1977
ZONE ALL
MORRISON-KNUDSEN CO. INC

INFORMATION ONLY
STRIP WITH A CONTROLLED COPY BEFORE USE.

DESIGN FOR INFO	DESIGN FOR COMM	NC	C	DISCIPLINE	ENGINEERING FOR INFO	ENGINEERING FOR COMM	NC	C
✓	✓			MECHANICAL		✓		
✓	✓			CONC-HYD		✓		
✓				ARCH		✓		
✓				STRUCT		✓		
				INSTR'N				
				CONTROLS				
				PLUMBING				
				HVAC				
✓	✓			ELECTRICAL		✓	✓	
				WTR TREAT				
				RADWASTE				
				STRESS				
				SHIELDING				
				MATERIALS				
				CONST				
				LICENSING				
				POAF SL2.7				
				L. E. JONES	2			
				T. TATE	2			

duplicate ORIGINAL

2998-1884 R3 DATE REC'D 2-18-77
FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1981 - 890,000 KW(e) EXTENSION - UNIT 2
P.O. NY-427553 ITEM

REVIEWED WITHOUT COMMENTS	*	1
REVIEWED WITH COMMENTS AS NOTED	*	2
NOT APPLICABLE	NA	3
NO COMMENTS, NO PRINT RETURNED	NC	4
FOR INFORMATION ONLY		5
NO FURTHER REPRODUCIBLE REQUIRED		6
RESUBMIT REVISED REPRODUCIBLE	SEE NOTE BELOW IF CHECKED	7
RESUBMIT CLOTH OR MYLAR REPRODUCIBLE AS SHIPPED		8
DO NOT PROCEED WITH FABRICATION RESUBMIT REVISED REPRODUCIBLE		9

* PRINT INCLUDED NOTE:

DC SHTS - SCHEMATIC DIAGRAM EXHAUST SYSTEM PIPING

REVIEWED BY: K Barth DATE 4/4/77 ORIG. DIV. E DAYS TO COMPLY 14

EBASCO SERVICES INCORPORATED
2 RECTOR ST., NEW YORK, N.Y. 10006

10 CFR 21 x 2.2.2.2.2

Docket # 50-389
Accession # 9712040018-07
Date 11/24/97 of Ltr
Regulatory Docket File
E

DRAWING NUMBER 1442E553
2998-1884 R3
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ONLY