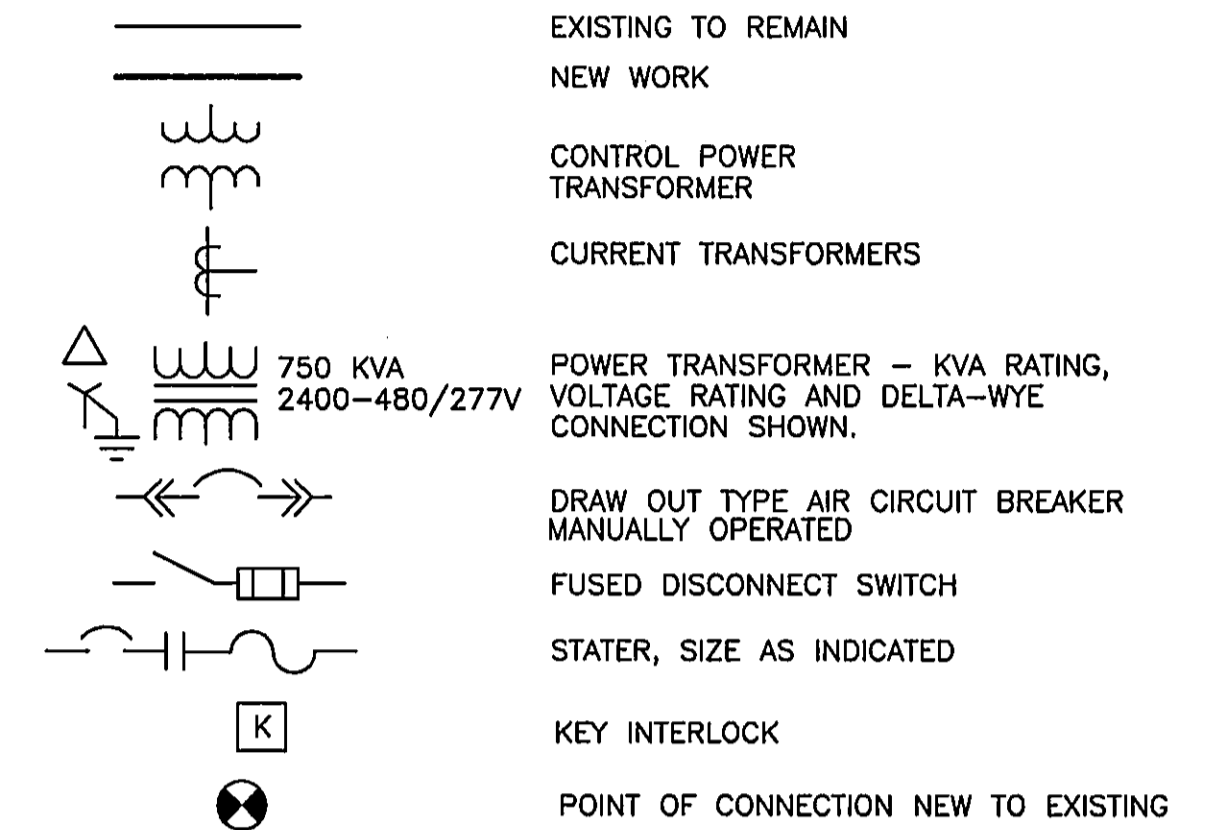


NEW WORK NOTES:

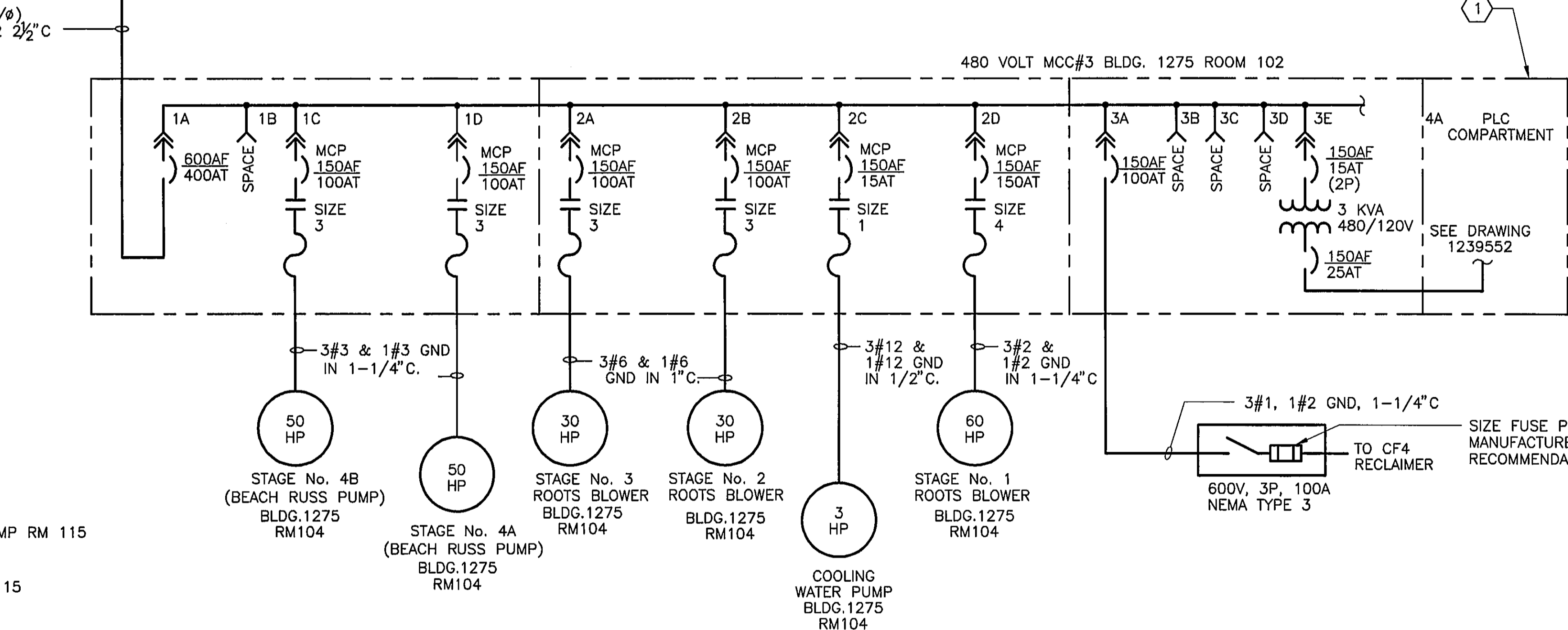
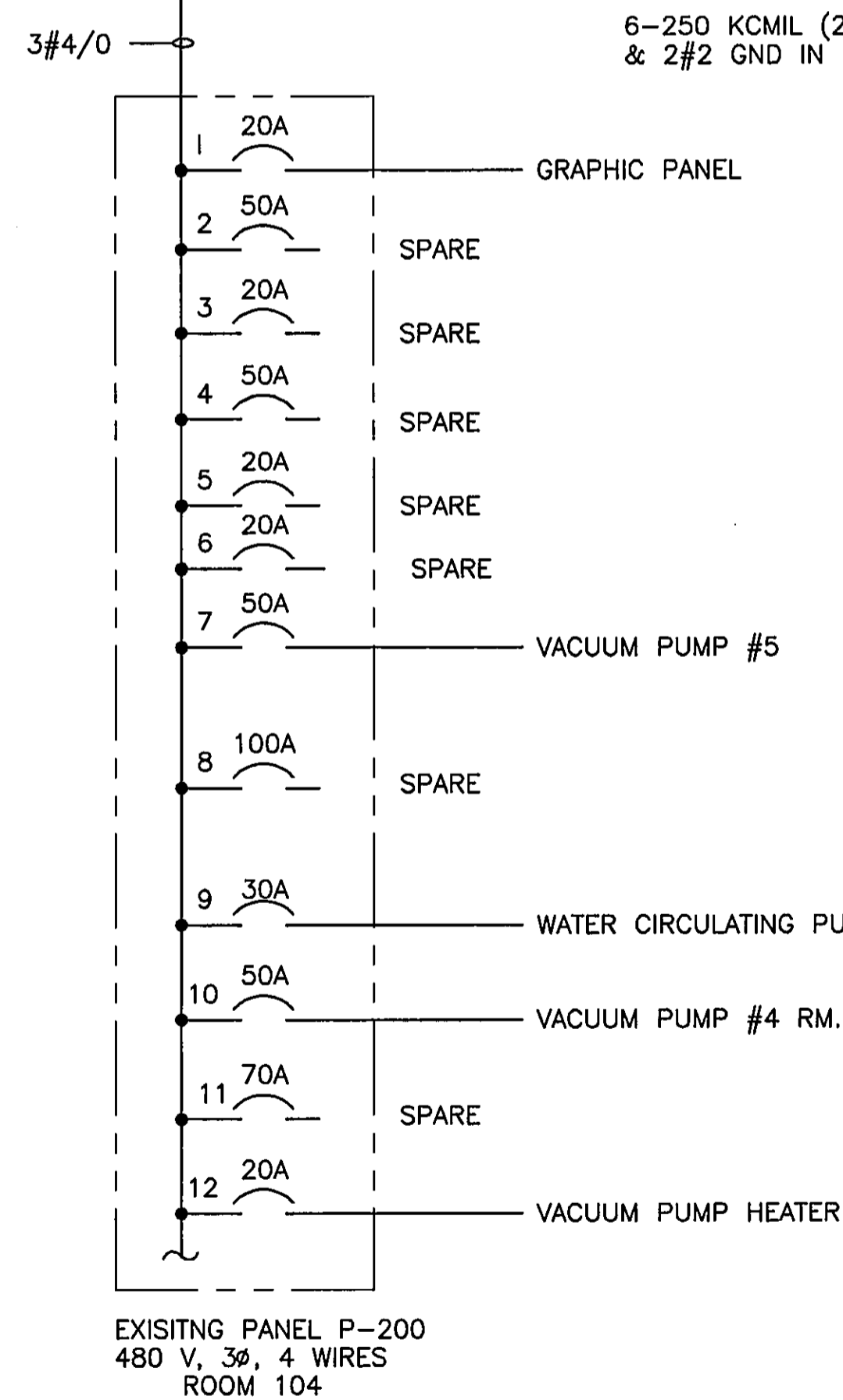
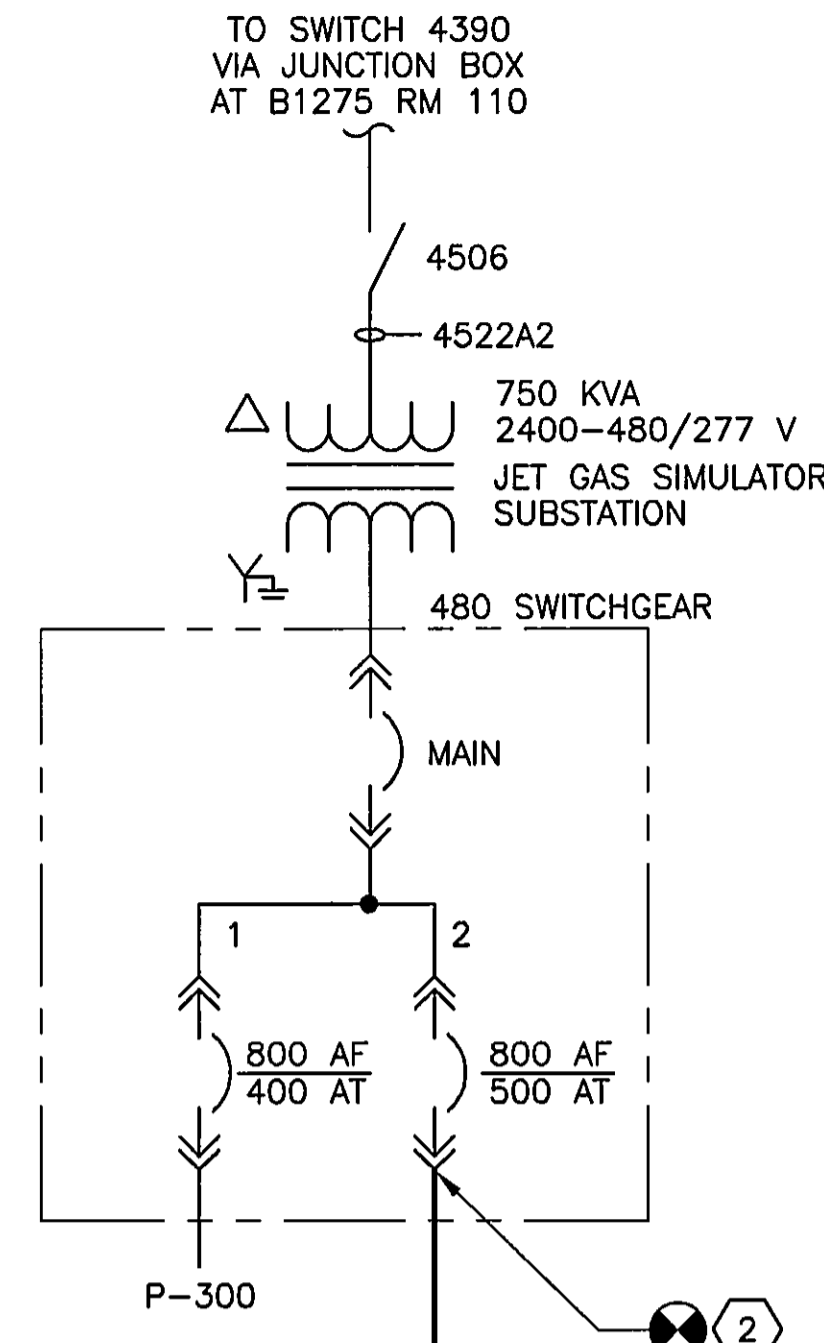
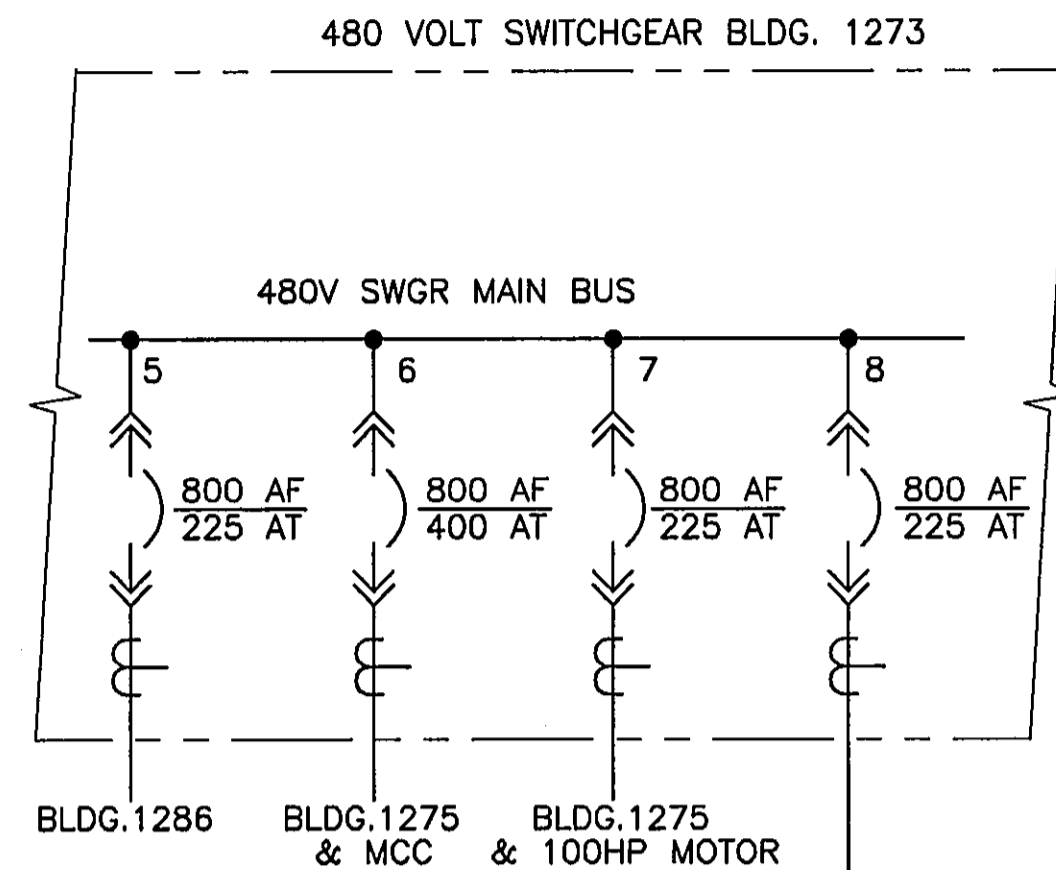
- ① NEW MOTOR CONTROL CENTER (MCC), SHALL BE 480 VOLT AC, 3 PHASE, 60 HZ 600 AMPERE BUS WITH 600 AMPERE FRAME, 400 AMPERE TRIP MAIN BREAKER. PROVIDE STARTERS, CONTACTORS, CONTROL AND INSTRUMENTATION AS REQUIRED. MOTOR CONTROL CENTER SHALL BE ALLEN BRADLEY SERIES CENTERLINE OR EQUAL.
- ② CONNECT TO EXISTING SPARE BREAKER IN SWITCHGEAR. EXISTING BREAKER IS A SIEMENS-ALLIS TYPE LA 800 AMP.

LEGEND



ABBREVIATIONS

AF	AMP FRAME
AT	AMP TRIP
BLDG	BUILDING
DWG	DRAWING
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT AMPERE
GND	GROUND
RM	ROOM
SW	SWITCH
SWGR	SWITCHGEAR
TYP	TYPICAL



NEW ONE-LINE DIAGRAM

FILE
JUN 03 2003

REVISIONS				REVISIONS			
DATE	LTR	FREQ	DESCRIPTION	DATE	LTR	FREQ	DESCRIPTION

Sverdrup
TECHNOLOGY INC.
TECHNOLOGY GROUP

APPROVALS		APPROVALS	
NAME	DATE	NAME	DATE

FOR DRAWING INDEX SEE DRAWING 1239510			
NATIONAL AERONAUTICS & SPACE ADMINISTRATION LANGLEY RESEARCH CENTER HAMPTON, VIRGINIA 23681-2199			
PROJECT TITLE FY 03 - 20-INCH MACH 6 CF4 TUNNEL RECLAIMER MODIFICATIONS			
DRAWING TITLE NEW ONE-LINE DIAGRAM			
BUILDING NO.	SIZE	DRAWING NO.	LATEST REV.
1275	D	1239546	E7