



- NEW WORK NOTES**
- 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.
 - PROVIDE 12" WIDE BY 3" DEEP STEEL CABLE TRAY WITH LOUVERED BOTTOM AND REMOVABLE COVER. INSTALL 8' ABOVE FINISH FLOOR. DISTANCE BETWEEN SUPPORTS SHALL BE A MAXIMUM OF 8'. CABLE TRAY SHALL BE CHALFANT SERIES OR EQUAL.
 - PROVIDE HEAVY DUTY DISCONNECT FUSED DISCONNECT SWITCH 600V, 3P, 100A NEMA TYPE 3.
 - PROVIDE STEEL PLATE TO SPAN TRENCH AND SUPPORT MOTOR CONTROL CENTER. PLATE SHALL BE 3/8" THICK TO SUPPORT THE MOTOR CONTROL CENTER. FINISH SHALL MATCH MOTOR CONTROL CENTER.

- LEGEND:**
- EXISTING
 - NEW WORK
 - DISCONNECT SWITCH
 - PANELBOARD
 - HOME RUN WITH PANEL AND CIRCUIT NUMBER DESIGNATIONS.
- ABBREVIATIONS**
- MCC MOTOR CONTROL CENTER
 - PLC PROGRAMMABLE LOGIC CONTROL

NEW WORK PLAN - BLDG. 1275
SCALE: 1/4"=1'-0"

CABLE TRAY ROUTING
SCALE: 1/4"=1'-0"

ELEVATION - NEW MCC #3
SCALE: 3/4"=1'-0"

REVISIONS				REVISIONS			
DATE	LTR	FREQ	DESCRIPTION	DATE	LTR	FREQ	DESCRIPTION

Sverdrup
TECHNOLOGY INC.
TECHNOLOGY GROUP

WORK ORDER NO.	D.O. 1014/4023
APPROVALS	DATE
DRAFT.	
ENG./DES.	E. ABRAHAM 06/07/02
CHECK	T. GAVIN 06/07/02
	M. JANGO 06/07/02
PROJ. ENG.	R. WINEMAN 06/07/02
SUPV'N.	R. WINEMAN 06/07/02

APPROVALS			
NAME	ORGANIZATION	DATE	DATE

FOR DRAWING INDEX SEE DRAWING 1239510			
NATIONAL AERONAUTICS & SPACE ADMINISTRATION LANGLEY RESEARCH CENTER HAMPTON, VIRGINIA 23581-2199			
PROJECT TITLE	FY 03 - 20-INCH MACH 6 CF4 TUNNEL RECLAIMER MODIFICATIONS		
DRAWING TITLE	BLDG 1275 ELECTRICAL NEW WORK PLAN, MCC ELEVATION, AND NOTES		
BUILDING NO.	1275	SIZE	D
SHEET NO.	E6	DRAWING NO.	1239545