

GENERAL INSTALLATION NOTES (M SERIES DRAWINGS):


- A. ABATE ALL ACM AS REQUIRED TO ACCOMPLISH THE WORK SHOWN IN THE CONTRACT DOCUMENTS.
- B. PROVIDE ALL EARTHWORK, EXCAVATION, BACKFILL, AND RESTORATION OF SURFACE CONDITIONS AS REQUIRED TO ACCOMPLISH THE WORK SHOWN IN THE CONTRACT DOCUMENTS.
- C. CONTRACTOR SHALL ASSUME THAT ALL EXISTING UTILIDOR LIDS ARE REMOVABLE UNLESS OTHERWISE NOTED ON DRAWINGS.
- D. PROVIDE UTILIDOR INSULATION AS DESCRIBED IN SPECIFICATIONS FOR UTILIDORS EXPOSED AS PART OF THIS CONTRACT.
- E. AN ATTEMPT HAS BEEN MADE FOR DU TO FURNISH ALL MAJOR PIPING AND EQUIPMENT ASSOCIATED WITH NEW WORK. IN THE EVENT THAT ALL REQUIRED MATERIALS HAVE NOT BEEN FURNISHED, CONTRACTOR SHALL PROVIDE ALL REMAINING MATERIALS. SEE LIST OF DU FURNISHED MATERIALS IN THE CONTRACT DOCUMENTS.
- F. PROVIDE STRUCTURAL DESIGN FOR ALL NEW VAULTS SHOWN ON DRAWINGS. DESIGN SHALL BE OF SIZE SHOWN, CONFORM TO ALL STATE AND LOCAL CODES, AND BEAR A PROFESSIONAL ENGINEERING STAMP FOR THE STATE OF ALASKA.
- G. INSTALL ALL DU FURNISHED MATERIALS AS DESCRIBED IN CONTRACT DOCUMENTS. REFER TO PC--SERIES DRAWINGS FOR FIELD DEVICE INSTALLATION LOCATIONS.
- H. PROVIDE ALL SUPPORTS, ANCHORS, GUIDES, AND INSULATION ASSOCIATED WITH ALL NON--DIRECT BURIED PIPING INSTALLED ON THIS PROJECT.
- I. ALL NEW AND EXISTING VAULT ACCESS HATCHES SHALL BE INSTALLED WITH DU FURNISHED ACCESS HATCH WITH FINAL ELEVATION AT A MINIMUM OF 18 INCHES ABOVE GRADE.
- J. REPLACE ALL EXISTING VAULT LADDERS THAT DO NOT MEET CURRENT OSHA STANDARDS. MODIFY EXISTING LADDERS AS NECESSARY TO COORDINATE WITH ACCESS HATCHES AND ALL PIPING.
- K. REPLACE ALL EXISTING VAULT VENTS AND BOLLARDS.

GENERAL INSTALLATION NOTES (E SERIES DRAWINGS):

- A. PROVIDE ALL EARTHWORK, EXCAVATION, BACKFILL, AND RESTORATION OF SURFACE CONDITIONS AS REQUIRED TO ACCOMPLISH THE WORK SHOWN IN THE CONTRACT DOCUMENTS.
- B. PROVIDE CONNECTIONS FROM POLE MOUNTED METERS TO POWER PANELBOARDS AS SHOWN ON DRAWINGS. DU WILL PROVIDE PRIMARY POLE--MOUNTED TRANSFORMERS, SECONDARY SERVICE FEEDS, AND METERING.
- C. PROVIDE POWER PANELBOARDS, LOAD PANELBOARDS AND SERVICE DISCONNECTS AS SHOWN ON DRAWINGS.
- D. INSTALL DU FURNISHED PANELS AS SHOWN ON DRAWINGS.
- E. PROVIDE EACH ACCESS VAULT WITH SWITCHED LED LIGHTING AND CONVENIENCE RECEPTACLES. RECEPTACLES SHALL BE MOUNTED A MINIMUM OF 48" FROM VAULT FLOORS UNLESS INDICATED OTHERWISE.
- F. PROVIDE 120 VAC POWER TO EACH ACCESS VAULT FROM PANELBOARDS TO LIGHTING, RECEPTACLES, CONTROL PANELS, AND SUMP PUMPS AS SHOWN ON DRAWINGS. ALL CONDUIT AND WIRING SHALL BE INSTALLED AT AN ELEVATION NO LESS THAN 18" FROM TOP OF WALL OF VAULT.

GENERAL INSTALLATION NOTES (PC SERIES DRAWINGS):

- A. PROCESS CONTROLS DRAWINGS REFERENCE WORK TO BE DONE BY BOTH THE CONTRACTORS.
- B. ALL INSTRUMENTS, FIELD DEVICES AND CONTROL PANELS WILL BE FURNISHED BY THE OWNER, UNLESS OTHERWISE SPECIFIED.
- C. PROVIDE CABLING AND CONDUIT FOR PROCESS CONTROLS INSTRUMENTATION IN UTILIDORS PER SYMBOL LEGEND. MINIMUM CONDUIT SIZE: 3/4". CONDUIT FILL SHALL NOT EXCEED 50%. LOW VOLTAGE CONTROLS CABLING SHALL BE RUN IN SEPARATE CONDUIT FROM 120VAC.
- D. SEE CONTROL PANEL REFERENCE DRAWINGS FOR WIRING TERMINATIONS.

REV. NO.	DATE	DESCRIPTION			
0	05/09/11	RECORD DRAWING			
			FOSDICK & HILMER CONSULTING ENGINEERS 309 VINE STREET, SUITE 50 CINCINNATI, OHIO 45202 TELEPHONE (513)241-5640 WWW.FHEWG.COM		
					
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			Date: 19 FEB 2010	Scale: NTS	UTILITY SERVICE EXTENSION TO AIRCRAFT PARTS STORAGE SYMBOLS, ABBREVIATIONS & GENERAL NOTES
			Designed By: JRS	JRS	
			Drawn By: JRS	JRS	
			Checked By: EAE	EAE	DU PROJECT NO. J101395, J101396, J101397
					Drawing No. X-03