

1. WIRE TAGGING SHALL BE PROVIDED AT BOTH ENDS TO EACH INDIVIDUAL CONDUCTOR AS PART OF THE E&I CONTRACTOR SCOPE.
2. THE JUNCTION BOX SHOWN ON THIS DRAWING WILL BE SUPPLIED & INSTALLED BY THE VENDOR PACKAGE SKID.
3. GROUNDING WIRE SHALL BE CONNECTED TO THE GROUND BAR AND TO THE NEAREST GROUND PORT CONNECTION AS PART OF THE E&I CONTRACTOR SCOPE.
4. THE VENDOR SHALL BE REQUIRED TO FOLLOW THE WIRE TERMINATIONS OF THE END DEVICES AS SHOWN IN THE DRAWING. ANY DIFFERENCES IN THE INTERFACE TERMINATION SHALL BE RESOLVED BY THE NOMINATED DEVCON PROJECT ENGINEER AFTER CONSULTING WORLEYPARSONS AND THE SKID VENDOR.
5. LAMACOIDIS TO BE BLACK ON WHITE BACKGROUND UNLESS SPECIFIED.
6. WIREWAY TO BE MINIMUM 2" FROM TERMINALS.
7. FIELD WIRING.
8. HOME RUN WIRING.

LAMACOID LIST						MATERIAL LIST						
ITEM	QTY.	DESCRIPTION	SIZE	SUPPLIER		ITEM	QTY.	DESCRIPTION	MANUFACTURER	CATALOG NO.	SIZE	SUPPLIER
A	1	001-JBDA-21-1005	20mm TEXT	50x300	VENDOR	1	1	JUNCTION BOX NEMA 4X c/w BACKPAN	HOFFMAN	A20H200BGRLP	—	VENDOR
B	1	TS-1	5mm TEXT	10x20	VENDOR	2	—	JUNCTION BOX NEMA 4X c/w BACKPAN	HOFFMAN	A20P20	—	VENDOR
C	1	TS-2	5mm TEXT	10x20	VENDOR	3	AS REQ'D	DIN RAIN TERMINAL STRIP	WEIDMULLER	TS 32	—	VENDOR
D	—	—	—	—	VENDOR	4	AS REQ'D	TERMINAL STRIP END BRACKET	WEIDMULLER	K-1	—	VENDOR
E	—	—	—	—	VENDOR	5	AS REQ'D	TERMINAL MARKER	WEIDMULLER	SCHT 5	—	VENDOR
F	—	—	—	—	VENDOR	6	—	SAK 2.5 FEED THROUGH TERMINAL	WEIDMULLER	SAK 2.5	—	VENDOR
G	—	—	—	—	VENDOR	7	100	SAK 4 FEED THROUGH TERMINAL	WEIDMULLER	SAK 4	—	VENDOR
H	—	—	—	—	VENDOR	8	—	SAK 6 FEED THROUGH TERMINAL	WEIDMULLER	SAK 6	—	VENDOR
I	—	—	—	—	VENDOR	9	1	COVER/GASKET AND BREATHER DRAIN	CROUSE-HINDS	EC03B5	—	VENDOR
J	—	—	—	—	VENDOR	10	1	200mm GROUND BUS C/W KA2U LUG	OPEN	—	—	VENDOR
K	—	—	—	—	VENDOR	11	AS REQ'D	WHITE WIREWAY c/w COVER	PANDUIT	—	1" x 3"	VENDOR
L	—	—	—	—	VENDOR	12	1	END PLATE	WEIDMULLER	AP SAK4-10	—	VENDOR
						13	1	CORROSION INHIBITOR	CROUSE-HINDS	CID-101	—	VENDOR

Diagram of a 50-point digital input module, divided into two sections: TS-1 (left) and TS-2 (right). Each section has 11 inputs, numbered 1 through 11. The inputs are labeled with device IDs and descriptions. The diagram includes a power supply section at the bottom with a 10V source and a 1A fuse. Notes 7 and 8 are present.

Section TS-1 Inputs:

Input	Device ID	Description
1	001-V-21-1016	HEAT VESSEL LEVEL TRANSMITTER
2	001-P-21-1011	PUMP DISCHARGE TRANSMITTER
3	001-FL-21-1016	PUMP SUCTION TRANSMITTER
4	001-V-21-1016	HEAT VESSEL PRESSURE TRANSMITTER
5	001-H-21-1010	HEATER FLOW TRANSMITTER
6	001-FL-21-1015	FILTER FLOW TRANSMITTER
7	001-FL-21-1015 I2P	FILTER FLOW TRANSMITTER
8	001-FL-21-1015	FILTER PRESSURE DIFF. TRANSMITTER
9	001-H-21-1000	AMBIENT TEMPERATURE TRANSMITTER
10	001-H-21-1010	HEATER TEMPERATURE TRANSMITTER
11	001-H-21-1010	HEATER TEMPERATURE TRANSMITTER

Section TS-2 Inputs:

Input	Device ID	Description
1	001-H-21-1010	ALARM INDICATION
2	001-US-21-1000	
3	001-H-21-1010	DCS REMOTE SHUTDOWN
4	001-US-21-1000	
5	001-US-21-1000	
6	001-US-21-1000	
7	001-US-21-1000	
8	001-US-21-1000	
9	001-US-21-1000	
10	001-US-21-1000	
11	001-US-21-1000	

Power Supply Section:

10V 1A

Notes:

NOTE 7: [Blank]

NOTE 8: [Blank]

WorleyParsons
Resources & Energy
REVIEW STAMP

PROJECT NO. _____

1. REVIEWED & ACCEPTED ☒ **MANUFACTURE MAY PROCEED.**

2. REVIEWED & ACCEPTED AS MARKED. REVISE & RE-SUBMIT ☐ **MANUFACTURE MAY PROCEED.**

3. REVISE AS MARKED AND RE-SUBMIT. ☐ **MANUFACTURE MAY PROCEED.**

4. REVIEW NOT REQUIRED. ☐ **FOR INFORMATION ONLY. MANUFACTURE MAY PROCEED.**

Acceptance in any of these categories in no way relieves the Contractor/Supplier of its responsibility for the due and proper performance of the works in accordance with the Contract/Purchase Order.

SIGNED: M.H.

DATE: 17 JUL 2014

DATE	JOB NO.	PURCHASE ORDER NO.
07/14/2014	407014-00120	ME-POD-0011
VTRI-2362	DEVON MR. NO	
	FE-CPF-M011	
EQUIP. NO.	WORLEYPARSONS VP NO.	REV.
001-PK-21-1000	407014-00120-ME-POD-0011-0051	5

E	ISSUED FOR REVIEW	JDA		09JUL2014	TF			
REV	DESCRIPTION	BY	CHK	DATE	CHK	APP		
		DRAFTING			ENGINEER			

X	
REFERENCE DRAWING	



COB UTILITY HEAT MEDIUM PACKAGE
TAG: 001-PK-21-1000

ANALOG JUNCTION BOX DETAILS

DRAWN BY: NAB	SCALE: NTS	JOB NUMBER: 1928NE	DRAWING NUMBER: 1928NE-ELC-5572	REV NO: E
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