

**metso**  
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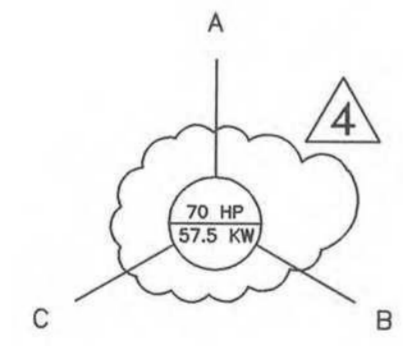
REVIEWED - WITH COMMENTS  
 REVIEWED - WITHOUT COMMENTS  
 SUBMIT CERTIFIED - RELEASED FOR FABRICATION  
 REJECTED - RESUBMIT  
 CERTIFIED ACCEPTED

SIGNED: *Phil Bol* DATE: 3-May-2012

THIS REVIEW DOES NOT SUPERSEDE REQUIREMENTS OF PURCHASE ORDER, DESIGN DRAWINGS, SPECIFICATIONS, CODES OR REGULATIONS. THE CONTRACTOR / SUPPLIER IS NOT RELIEVED FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS.

RECEIVED DATE: Apr 10, 2012

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**SODIUM BICARB SYSTEM UNIT #1 480V MCC**  
 MAXIMUM 480V PHASE CURRENT= 152 A

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- NOTES:**
- ALL EQUIPMENT, WIRING, CONDUIT AND INSTALLATION OF SAME SHALL CONFORM TO NEMA, NEC AND LOCAL CODES.
  - ALL LOW VOLTAGE WIRING AND LOCAL DISCONNECTS ARE BY OTHERS.
  - \* - INCLUDES EQUIPMENT GROUND (EARTH) CONDUCTOR.
  - - UNIVERSAL SYMBOL FOR FIELD DEVICES.
  - ▲ - INDICATES ALARM CONTACTS TO CUSTOMER'S DCS.
  - - DISCRETE I/O TO CUSTOMER'S DCS FOR MOTOR CONTROL (1) DO - START/STOP, (2) DI - STATUS, ALARM.
  - REFERENCE DRAWING NUMBERS D817 FOR DISTRIBUTION PANEL & D818 FOR WIRING SCHEMATICS.

- DISTRIBUTION LIST:**
- ALL LIGHTING & RECEPTACLES MILL BUILDING & SILO.
  - WEIGH BIN CONTROLLER AND LOAD CELLS.
  - FRACTIONAL HORSEPOWER EXHAUST FANS.
  - TRUCK UNLOADING PANEL POWER AT SILO.
  - MISCELLANEOUS INSTRUMENT POWER.

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METSO POWER  
 METSO PROJECT 190022 GREC  
 GAINESVILLE, FLORIDA

ONE LINE DIAGRAM  
 BIOMASS GENERATING FACILITY  
 SODIUM BICARBONATE SYSTEM

CONTRACT NO. 440034B DWG. NO. D0802 SHT: 2 of 2  
 SCALE: NTS REV. 4

REV.	ZONE	DESCRIPTION	APP'D	DATE	REV.	ZONE	DESCRIPTION	APP'D	DATE	REV.	ZONE	DESCRIPTION	APP'D	DATE	REV.	ZONE
4	-	REVISED PER ADDITION OF 4 LANCE VALVES.	DL	3/14/12	1	-	REVISED PER CLIENT COMMENTS	DL	11/28/11				DL	10/12/11		
3	-	1 WAS A, 2 WAS B, 50 WAS 46, 57.5 WAS 52.5, 20 WAS 15, 10 WAS 3, 3 WAS .75	DL	12/16/11	0	-	REVISED DUE TO EEC COMMENTS	DL	10/14/11				DL	10/12/11		
							INITIAL ISSUE									