



- LEGEND**
- ZS = POSITION AND/OR BELT ALIGNMENT SWITCH
 - EA = WARNING HORN/ LIGHT
 - HS = PULL CORD SWITCH - CONTACT "A" TO PLC
CONTACT "B" TO MCC
 - WS = LOAD CELL
 - CP = LOCAL CONTROL PANEL
 - LS = LEVEL SWITCH
 - YS = EVENT/STATE/PRESENCE SWITCH
 - POS = PRESSURE DIFFERENTIAL SWITCH
 - II = CURRENT INDICATING (MONITOR)
 - YI = INDICATING DEVICE (TRAFFIC LIGHT)
 - YIC = DEVICE CONTROLLER
 - YR = RECORDING DEVICE (KEYPAD)
 - YI = WEIGHT INDICATOR (LCD DISPLAY)
 - WR = WEIGHT RECORDER (TICKET PRINTER)
 - VFD = VARIABLE FREQUENCY DRIVE
 - RV = RELIEF VALVE
 - SOV = SOLENOID OPERATED VALVE
 - VS = VIBRATION SENSOR
 - ZI = POSITION INDICATOR
 - RCT = RECTIFIER
 - SSL = SPEED SWITCH
 - TS = TEMPERATURE SWITCH
 - HE = HEATING ELEMENT
 - MR = MOTOR
 - AN = ANALYZER
 - HX = HEAT EXCHANGER
 - PT = PRESSURE TRANSMITTER
 - YI = WEIGHT INDICATOR (LCD DISPLAY)
 - = FIELD WIRING
 - X = UNCLASSIFIED
 - = DEVICES IN SERIES

NOTES:
1.) WORK THIS DRAWING WITH DRAWINGS #017-00-E2 THRU E5

SAFETY:
Although safety engineering is an important aspect of all Wolf Material Handling Systems products, compliance with safety standards, including OSHA and other Federal, State, and Local Codes or regulations is the responsibility of the user. Placement of guards and other safety equipment is often dependent upon the area and use to which the equipment is put. A safety study should be made of the application, and additional guards and warning signs should be installed wherever appropriate.

This project shall be erected per the AISC code of Standard Practice specifically paragraph 7.12 as follows:
Normal erection of operations include the correction of minor misfits by moderate amounts of reaming, chipping, welding, or cutting, and the drawing of elements into line through the use of drift pins. Errors which can not be corrected by the foregoing means or which require major changes in member configuration are to be reported to the owner and fabricator by the erector, or enable whoever is responsible either to correct the error or to approve the most efficient and economic method of correction to be used by others.
NO BACK CHARGES WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THIS OFFICE.

NOTE:
Installers to take all necessary steps and precautions to insure that all equipment components are properly lubricated, aligned, trained, lightened and installed properly prior to start up of equipment.
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FABRICATION TOLERANCES UNLESS NOTED		GENERAL REVISIONS	
2	08/20/12	2	08/20/12
1	04/06/12	1	04/06/12
0	08/02/11	0	08/02/11
NO.	DATE	NO.	REVISION

Wolf

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CUSTOMER: GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FL

DESCRIPTION: 100 MW BIOMASS FACILITY
PROCESS AND INSTRUMENTATION DIAGRAM

DESIGNED BY: JAY HOUGHTON	DATE: 03/31/11	SCALE: NONE
DRAWN BY: TOM BERNING	DATE: 05/05/11	PROPOSAL NO.:
CHECKED BY: JAY HOUGHTON	DATE: 06/06/11	JOB NO.: 11-017
APPROVED BY: ARLIN WOLF	DWG NO.: 017-00-E1	REV.: 2