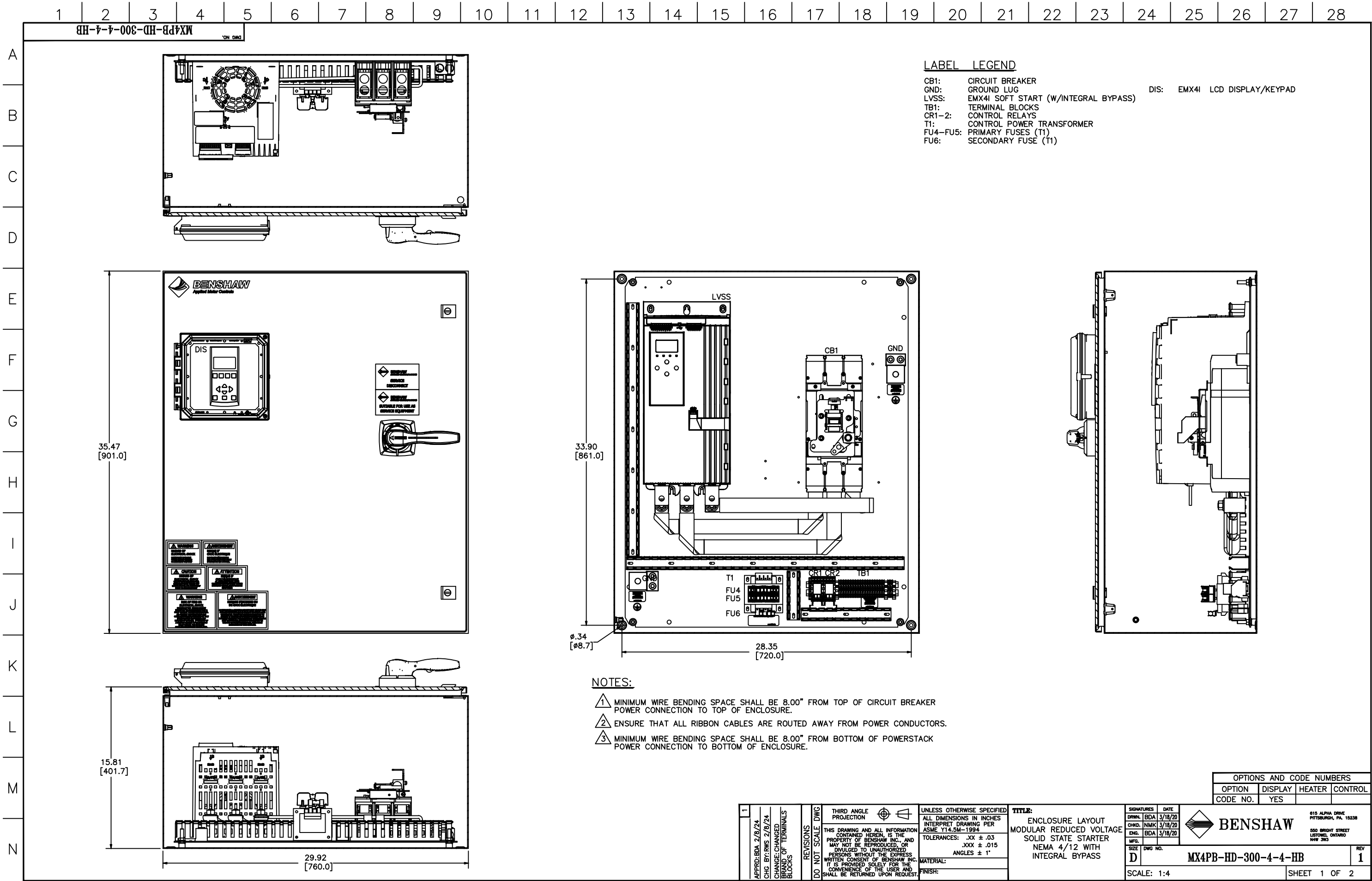
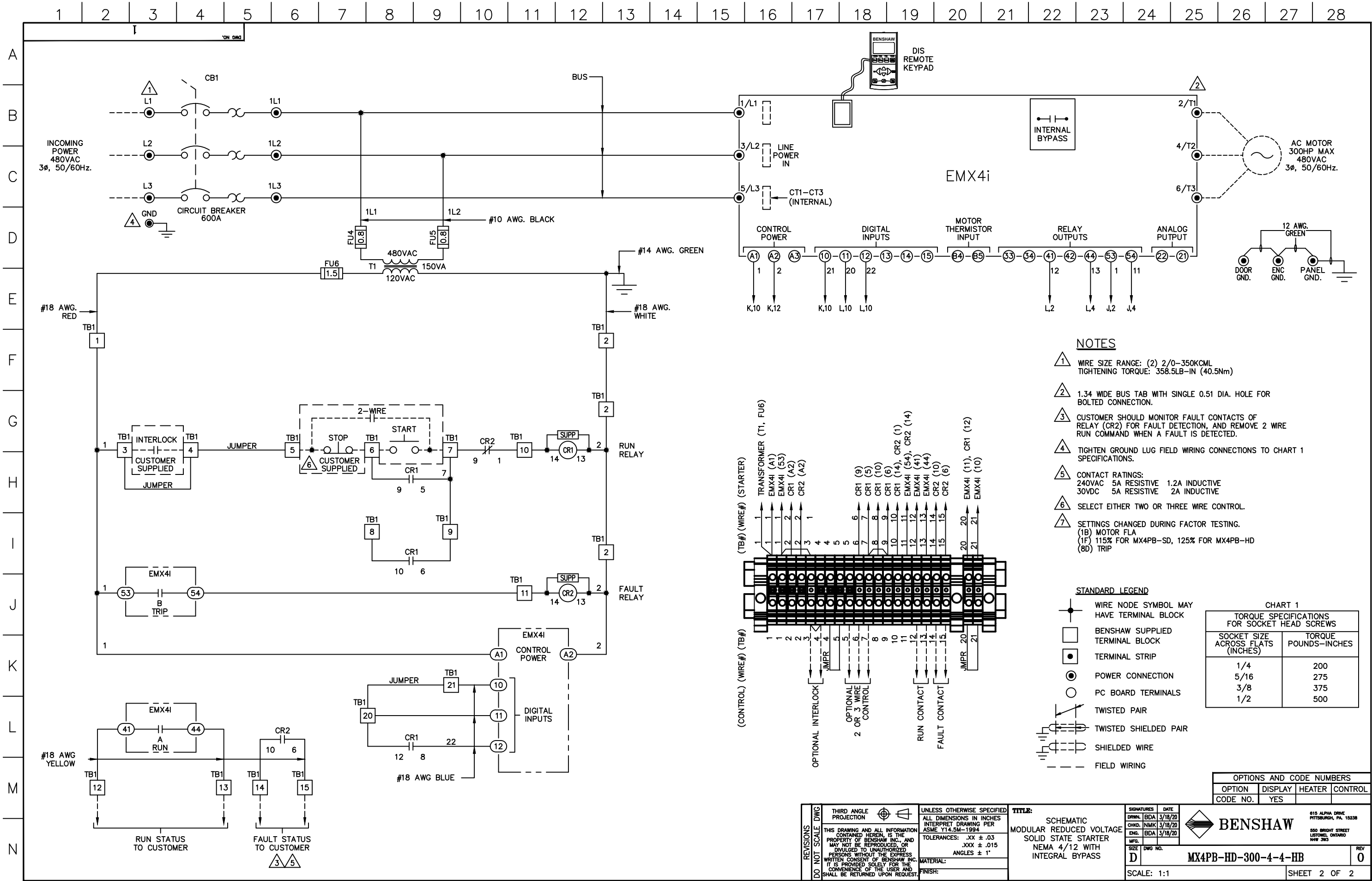






NOTES

- WIRE SIZE RANGE: (2) 2/0-350KCMIL
TIGHTENING TORQUE: 358.5LB-IN (40.5Nm)
- 1.34 WIDE BUS TAB WITH SINGLE 0.51 DIA. HOLE FOR BOLTED CONNECTION.
- CUSTOMER SHOULD MONITOR FAULT CONTACTS OF RELAY (CR2) FOR FAULT DETECTION, AND REMOVE 2 WIRE RUN COMMAND WHEN A FAULT IS DETECTED.
- TIGHTEN GROUND LUG FIELD WIRING CONNECTIONS TO CHART 1 SPECIFICATIONS.
- CONTACT RATINGS:
240VAC 5A RESISTIVE 1.2A INDUCTIVE
30VDC 5A RESISTIVE 2A INDUCTIVE
- SELECT EITHER TWO OR THREE WIRE CONTROL.
- SETTINGS CHANGED DURING FACTOR TESTING.
(1B) MOTOR FLA
(1F) 115% FOR MX4PB-SD, 125% FOR MX4PB-HD
(8D) TRIP

STANDARD LEGEND

- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
- BENSHAW SUPPLIED TERMINAL BLOCK
- TERMINAL STRIP
- POWER CONNECTION
- PC BOARD TERMINALS
- TWISTED PAIR
- TWISTED SHIELDED PAIR
- SHIELDED WIRE
- FIELD WIRING

CHART 1

TORQUE SPECIFICATIONS FOR SOCKET HEAD SCREWS	
SOCKET SIZE ACROSS FLATS (INCHES)	TORQUE POUNDS-INCHES
1/4	200
5/16	275
3/8	375
1/2	500

OPTIONS AND CODE NUMBERS			
OPTION	DISPLAY	HEATER	CONTROL
CODE NO.	YES		

REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1°	TITLE: SCHEMATIC MODULAR REDUCED VOLTAGE SOLID STATE STARTER NEMA 4/12 WITH INTEGRAL BYPASS	SIGNATURES DRW: BDA 3/18/20 CHKD: NMK 3/18/20 ENG: BDA 3/18/20 MFG: BDA 3/18/20	DATE 3/18/20	 615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LITTON, ONTARIO M4W 3H5	REV 0
	THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF BENSHAW INC., AND MAY NOT BE REPRODUCED OR DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF BENSHAW INC. IT IS PROVIDED SOLELY FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST.			SIZE D	DWG NO. MX4PB-HD-300-4-4-HB		
	MATERIAL:			SCALE: 1:1	SHEET 2 OF 2		
	FINISH:						