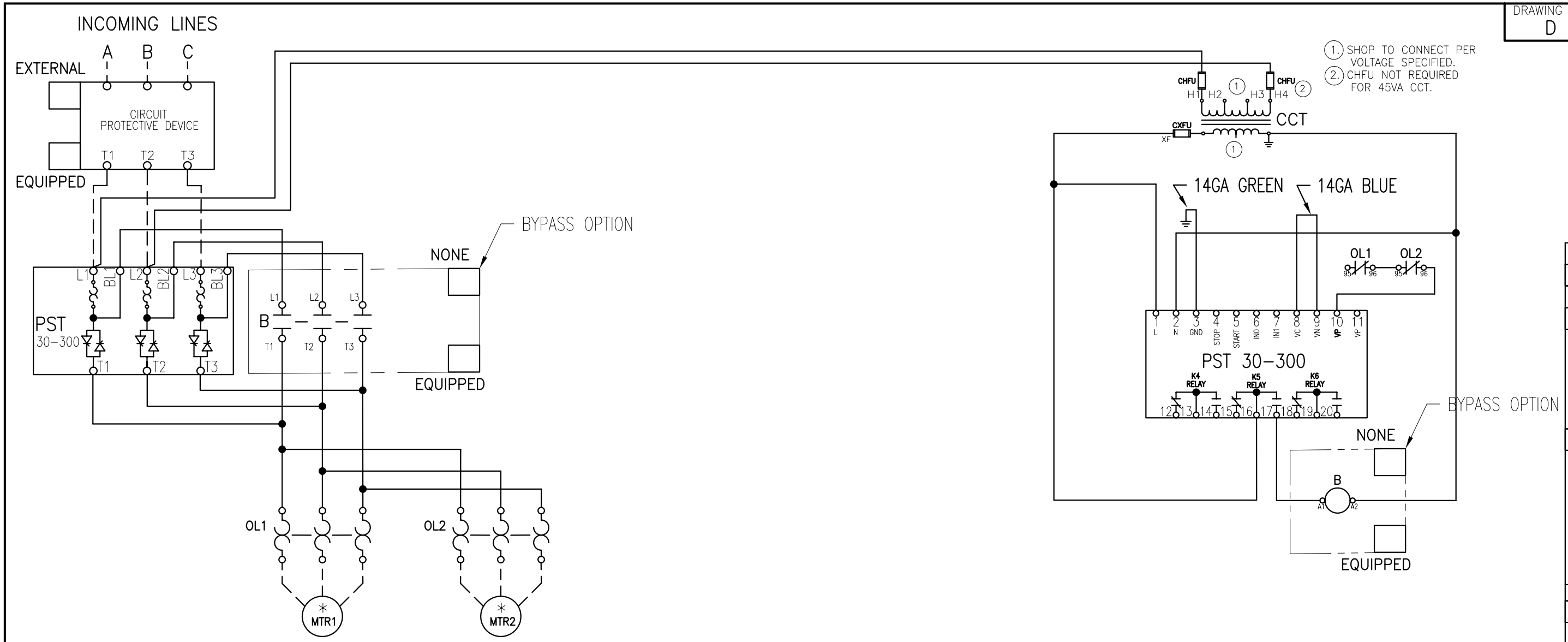
DRAWING NUMBER
D 2402 1320-021

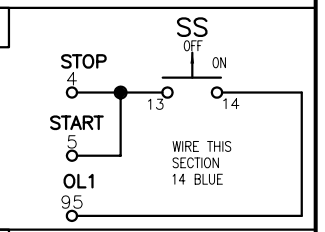


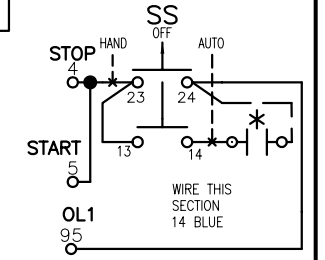
1. SHOP TO CONNECT PER VOLTAGE SPECIFIED.
2. CHFU NOT REQUIRED FOR 45VA CCT.

PILOT DEVICES

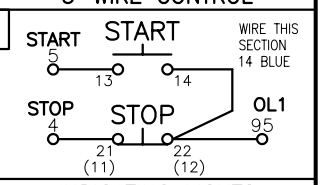
NONE

SELECTOR SWITCHES

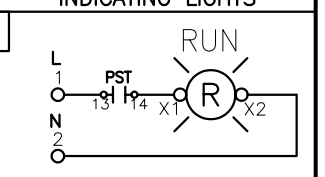




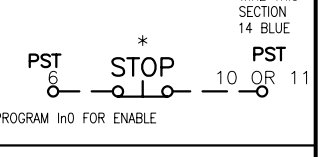
3-WIRE CONTROL



INDICATING LIGHTS



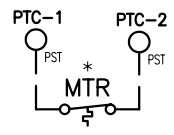
REMOTE STOP



LEGEND	
CCT	CONTROL CIRCUIT TRANSFORMER
CHFU	CCT PRIMARY FUSE
CXFU	CCT SECONDARY FUSE
B	BYPASS CONTACTOR
PTC	THERMISTOR
o 13	CONN POINT ON DEVICE WITH NUMBER
*	REMOTE DEVICE
∅	CONNECTION POINT AT TERMINAL BLOCK

PST NOTES:
1. PROG. INPUT In0 FACTORY SET FOR RESET FAULT/OL.
2. PROG. RELAY K4 FACTORY SET FOR RUN.
3. PROG. RELAY K5 FACTORY SET FOR AT SPEED.
4. PROG. RELAY K6 FACTORY SET FOR EVENT.
5. FUNCTION MOT 1 Ie MUST BE SET TO MOTOR FLA.
6. IF EQUIPPED, SET EXTERNAL BYPASS = YES*

CONNECTION TORQUE: CONSULT SOFT STARTER MANUAL FOR WIRE TORQUE SPECIFICATIONS.



SOFTSTARTER WITHSTAND RATING

PST30-142	10 kA 600 V
PST175-300	18 kA 600 V

NOTES
1. ALL CONTROL WIRING TO BE 14 GA. COLOR OF CONTROL WIRE SHALL BE PER VOLTAGE ON CONTACTOR COILS:
   RED-ALL AC VOLTAGES
   WHITE MAY BE USED ON THE GROUNDED SIDE OF THE AC CIRCUIT IF SPECIFIED.
   BLUE-ALL DC VOLTAGES
2. ALL DEVICES ARE SHOWN DE-ENERGIZED.
3. DO NOT USE SELECTOR SWITCHES WITH AUTO-RESET OVERLOAD RELAYS.
4. PILOT/PROTECTIVE DEVICE BOX WILL BE CHECKED IF MODEL EQUIPPED WITH OPTION. IF NO OPTIONS ARE INSTALLED, BOX MARKED "NONE" WILL BE CHECKED.
5. PIN NUMBERS IN PARENTHESIS ARE COMPACT PILOT DEVICES.

CUST

REV. LET.	REVISIONS	DATE	REV OR APPD BY
C	CHANGES PER DRAWING REVIEW	7/21/04	CDP
B	ADEED REMOTE STOP PILOT DEVICE AND DELETE COMPACT PIN NUMBERS FROM HOA	7/14/04	CDP

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ABB Inc.

DATE 5/25/04
DRAWN BY NJH
CHK'D
PROJECT NO.
SHEET 1 OF 1

REV. C
SIZE B

TITLE
SCHEMATIC PST30-300
IN-LINE, PARALLEL START

DRAWING NUMBER
D 2402 1320-021

DRAWING NUMBER
D 2402 1320-021