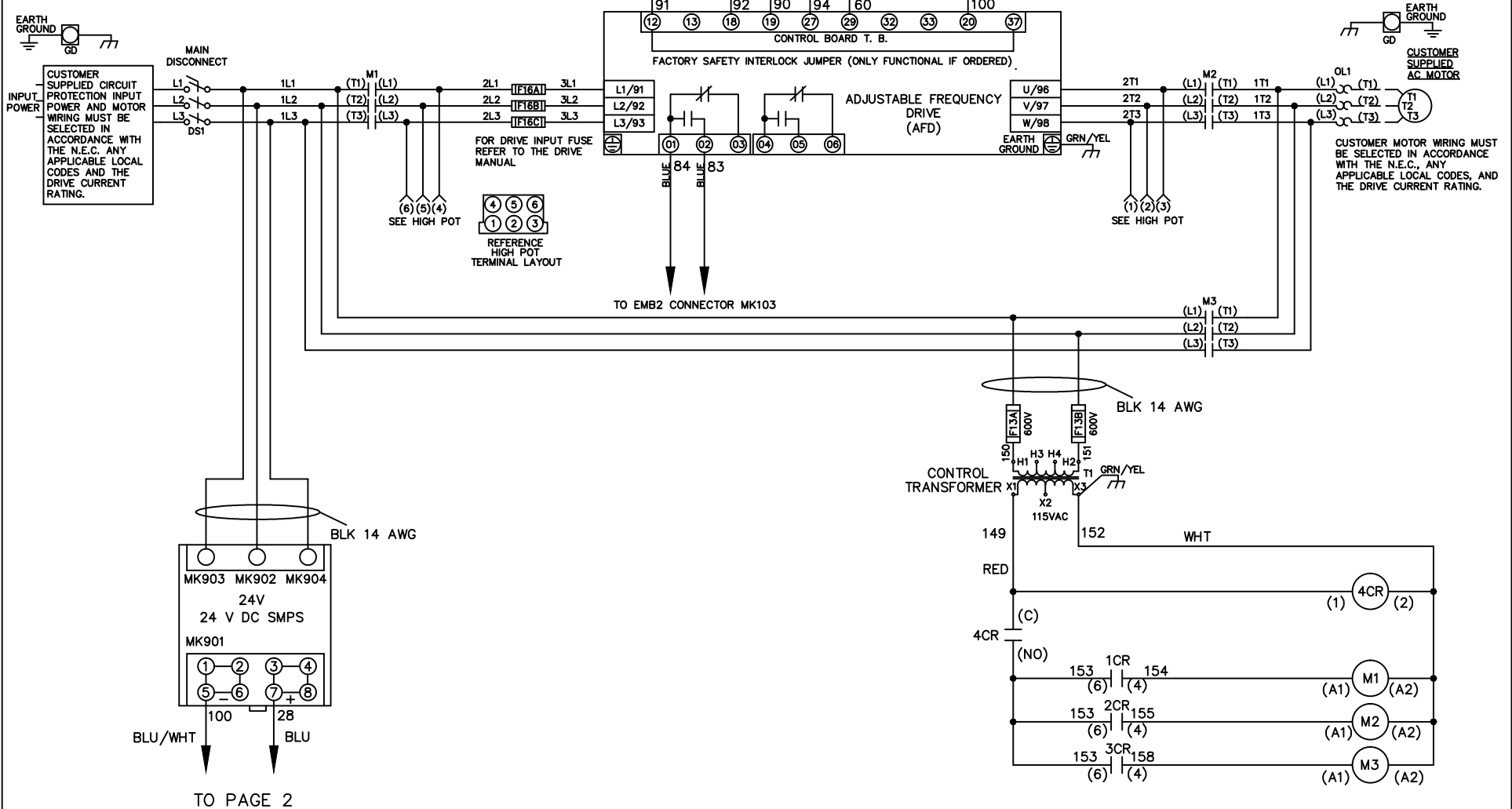


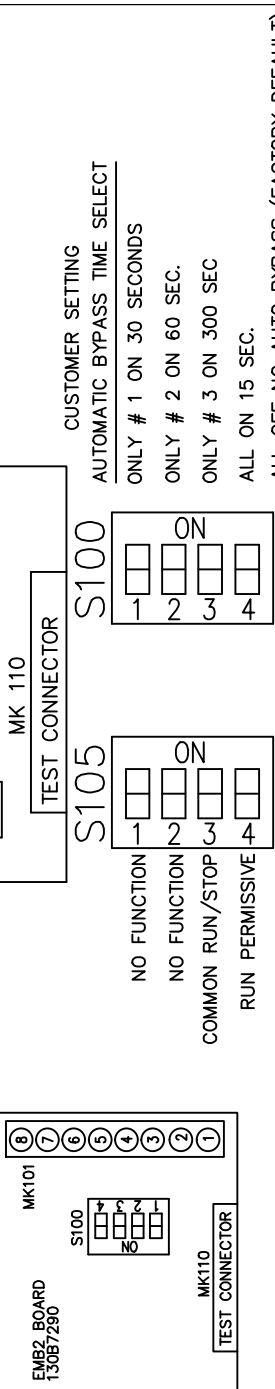
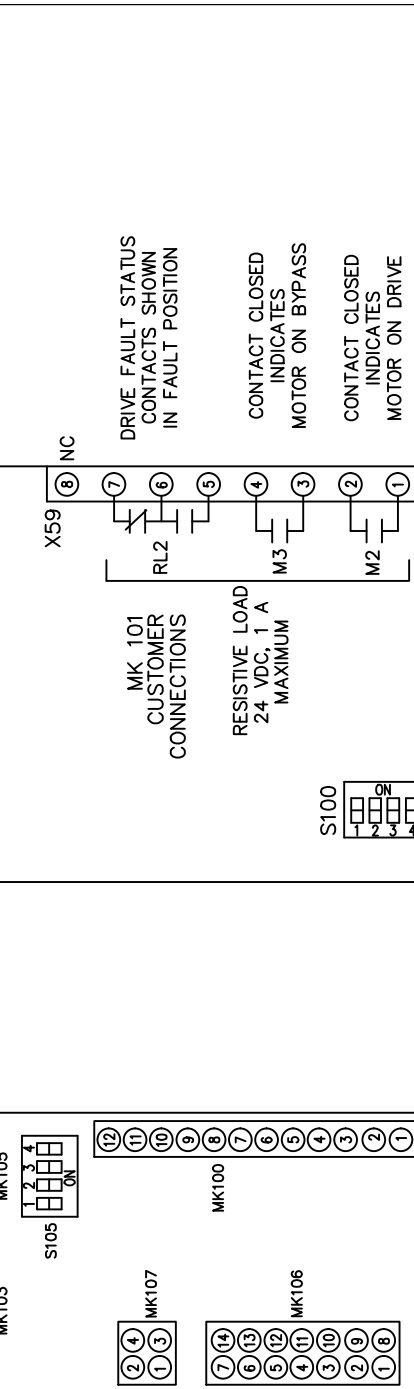
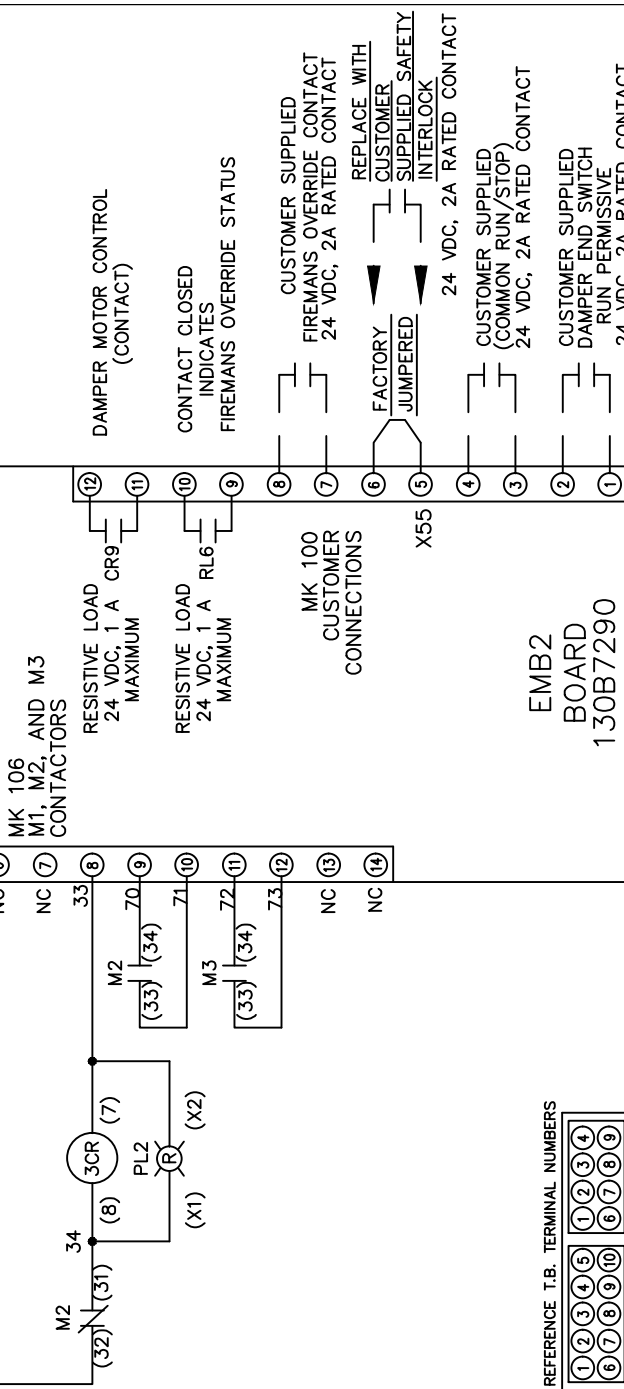
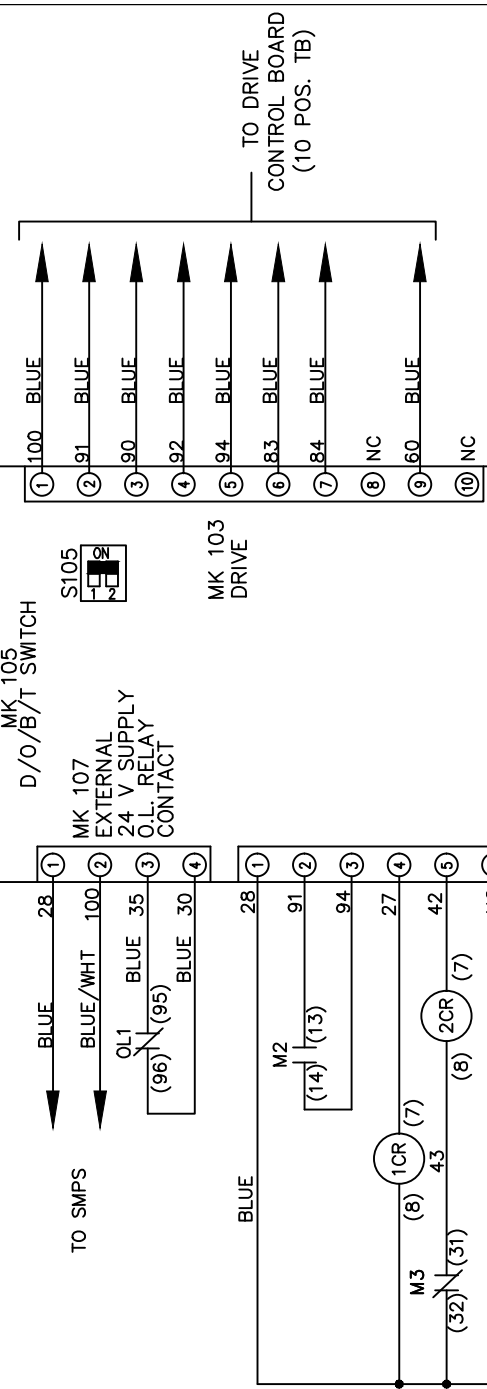
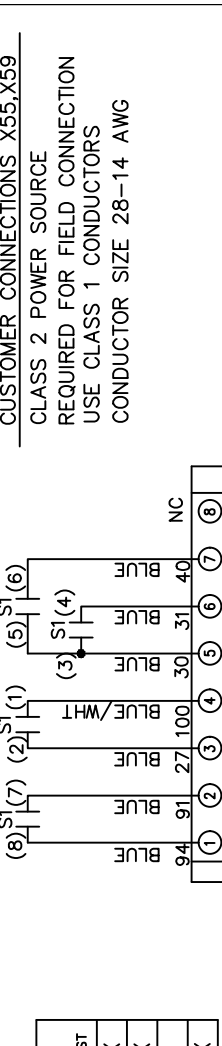
| WIRE COLOR SCHEME | |
|-------------------|---------------------------------|
| BLACK | - LINE VOLTAGE |
| RED | - AC CONTROL |
| WHITE | - AC GROUNDED CIRCUIT CONDUCTOR |
| BLUE | - DC CONTROL |
| WHT/BLU | - DC CONTROL COMMON |
| GREEN | - CHASSIS GROUND |



| | | | | | | | | | | |
|-----|---------|---------|--|--|-------------------|-----|----------------------------------|-------------|--|------------------|
| | | | -NOTICE- | | DRN JNW 3/2/11 | | NAMEDWG,P5, EMB2,NFD, 208V | | THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC. | |
| 002 | LP11061 | 9/23/11 | THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY | | | APR | MODEL | PAGE 1 OF 2 | SIZE A | DWG NO. 177R0308 |
| REV | ECN | DATE | | | | | | | | |

CONTACT SEQUENCE CHART FOR S1
X INDICATES CONTACT CLOSED

| POSITION | DRIVE | OFF | BYPASS | TEST |
|-------------|-------|-----|--------|------|
| CONTACT 1-2 | X | | | X |
| CONTACT 3-4 | | | X | X |
| CONTACT 5-6 | X | | | |
| CONTACT 7-8 | | | | X |



CUSTOMER CONNECTIONS X55, X59
CLASS 2 POWER SOURCE
REQUIRED FOR FIELD CONNECTION
USE CLASS 1 CONDUCTORS
CONDUCTOR SIZE 28-14 AWG

TO DRIVE CONTROL BOARD (10 POS. TB)

DAMPER MOTOR CONTROL (CONTACT)
CONTACT CLOSED INDICATES FIREMANS OVERRIDE STATUS
CUSTOMER SUPPLIED FIREMANS OVERRIDE CONTACT 24 VDC, 2A RATED CONTACT
REPLACE WITH CUSTOMER SUPPLIED SAFETY INTERLOCK 24 VDC, 2A RATED CONTACT
CUSTOMER SUPPLIED (COMMON RUN/STOP) 24 VDC, 2A RATED CONTACT
CUSTOMER SUPPLIED DAMPER END SWITCH RUN PERMISSIVE 24 VDC, 2A RATED CONTACT

DRIVE FAULT STATUS CONTACTS SHOWN IN FAULT POSITION
CONTACT CLOSED INDICATES MOTOR ON BYPASS
CONTACT CLOSED INDICATES MOTOR ON DRIVE

CUSTOMER SETTING AUTOMATIC BYPASS TIME SELECT
ONLY # 1 ON 30 SECONDS
ONLY # 2 ON 60 SEC.
ONLY # 3 ON 300 SEC
ALL ON 15 SEC.
ALL OFF NO AUTO BYPASS (FACTORY DEFAULT)

| | | |
|-----|---------|---------|
| 002 | LP11061 | 9/23/11 |
| REV | ECN | DATE |

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208V
MODEL

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