

INPUT DEVICES									
RELAY CONTACT NORMALLY OPEN NORMALLY CLOSED	LIMIT SWITCH NORMALLY OPEN NORMALLY CLOSED	PRESSURE SWITCH NORMALLY OPEN NORMALLY CLOSED	TEMPERATURE SWITCH NORMALLY OPEN NORMALLY CLOSED	FLOAT SWITCH NORMALLY OPEN NORMALLY CLOSED	FLOW SWITCH NORMALLY OPEN NORMALLY CLOSED	PUSHBUTTON NORMALLY OPEN NORMALLY CLOSED	SELECTOR SWITCH NORMALLY OPEN NORMALLY CLOSED	TIME DELAY ON ENERGIZATION NORMALLY OPEN NORMALLY CLOSED	TIME DELAY OFF ENERGIZATION NORMALLY OPEN NORMALLY CLOSED
OUTPUT DEVICES									
RELAY COIL 	INDICATING LIGHT 	AUDIBLE HORN 	SOLENOID 	SPARK IGNITER 	METERS AMMETER VOLTMETER	MOTOR 	3 PHASE MOTOR MOTOR 5 HP 3600 RPM 1 AMP	3 PHASE MOTOR STARTER 	

CIRCUIT BREAKERS

 30A
 L1 T1
L2 20A T2
 L1 T1
L2 T2
L3 30A T3

TERMINALS

 BMS CABINET (1BU-PNL3001)
 INTERNALLY JUMPED
 FUSED TERMINAL
 INTERMEDIATE J-BOX
 BLOWER SKID J-BOX (1BL-JBX3041)
 ELEMENT J-BOX X = ELEMENT NUMBER (1-7) (1BU-JBX3055*) EQUIVALENT ELEMENT LETTER (A-G)
 TERMINAL # (TYP.)

WIRING

FORNEY BMS SUPPLIED WIRING (SIS-VW1)
 FORNEY SKID SUPPLIED WIRING (TFFN)
 CUSTOMER SUPPLIED WIRING

WIRES INTERSECTING
 SAFETY GROUND
 INSTRUMENT GND

WIRING SPECIFICATIONS

STANDARD COLOR CODE:

BLACK- BLK 120 VAC HOT

WHITE- WHT 120 VAC NEUTRAL

GREEN- GRN SAFETY/CHASSIS GROUND

ORANGE- ORG +24 VDC THRU +28 VDC

BLUE- BLU +48 VDC

WHITE/BLUE- WHT/BLU 24/48 VDC COMMON

GRAY- GRA (+) TW. PAIR BLUE/GRAY

BLUE- BLU (-)

THIS COMBINATION IS ONLY USED SHIELDED CABLE IS NOT REQ'D.

VIOLET- VIO +125 THRU +250 VDC

BROWN- BRN 125/250 VDC COMMON

GRAY- GRY POTENTIAL FREE CONTACTS

GRAY- GRY INPUTS AND OUTPUTS WIRING

(OTHER COLORS PROJECT ASSIGNED)

NOTES

- DUCT BURNER SCHEMATICS ARE BASED ON A NON-REDUNDANT DE-ENERGIZED-TO-TRIP BMS PHILOSOPHY WITH THE PLC MOUNTED ON THE FUEL SKID.
- ALL INPUT/OUTPUT DESCRIPTIONS DEFINE THE TRUE STATE CONDITION THAT ENABLES THIS I/O.
- ALTHOUGH NOT SHOWN ON FIELD WIRING DRAWINGS, IT IS RECOMMENDED THAT DIODES BE INSTALLED ACROSS D.C. FIELD OUTPUTS.
- ALL SKID WIRING SHALL BE 14 AWG TFFN WHILE BMS WIRING (INCLUDING INPUTS & OUTPUTS) SHALL BE 14 AWG SIS-VW1 GRAY UNLESS OTHERWISE SPECIFIED. SEE WIRING SPECIFICATION TABLE.
- ALL WIRES TO BE LABELED WITH POINT OF TERMINATION.
- ALL WIRE TAGS TO BE HEAT SHRINK
- ALL FUSES ARE RATED 2 AMP UNLESS NOTED OTHERWISE
- TYPICAL CROSS-REFERENCE EXAMPLE: =L/235 REFERENCES THE LOGIC DIAGRAM (DRAWING B10238-071-01) SHEET 2, LINE 35. =S REFERS TO THE BMS SCHEMATIC DIAGRAM (DRAWING B10238-070-01).
- ABBREVIATIONS:
 DCS - DISTRIBUTED CONTROL SYSTEM
 GT - GAS TURBINE
 GTE - GAS TURBINE EXHAUST
 HESI - HIGH ENERGY SPARK IGNITER
 HRSG - HEAT RECOVERY STEAM GENERATOR
 I/P - CURRENT PRESSURE TRANSDUCER
 MFT - MASTER FUEL TRIP
 MFTFO - MASTER FUEL TRIP FIRST OUT
 PRESS - PRESSURE
 SO - SHUTOFF
 SSO - SAFETY SHUTOFF
 TEMP - TEMPERATURE
 TBD - TO BE DETERMINED (FOR SPECIFIC PROJECT REQUIREMENTS)
- INSTALL SPIRAL WRAP ON ALL WIRE BUNDLES THAT CROSSES DOOR HINGES.
- ALL NOTED WIRING SHALL REMAIN THE SAME COLOR AND SAME WIRE NUMBER UNTIL PASSING A SWITCHING DEVICE.
- ALL ANALOG FUEL SKID WIRING SHALL BE RUN IN SEPARATE CONDUIT FROM DIGITAL FUEL SKID WIRING.
- ALL FORNEY SUPPLIED REMOTE EQUIPMENT GROUNDS SHALL BE COMMONED TOGETHER TAKEN TO NEAREST SUITABLE PLANT GROUND.
- CABINET TAG -
 UNIT 1 - 1BU-PNL3001

CROSS REFERENCE LEGEND

ACN/702
 ACN/211
 ACH/502
 ACN/215
 SIGNAL / FROM LINE NUMBER

RELAY CONTACT TABLE

CONTACT NUMBER	CONTACT LOCATION LINE NUMBER
13 14 23 24	
303 421	
31 32 41 42	
350 640	

CONVENIENCE OUTLET

CABINET LIGHT

VOGT POWER INTERNATIONAL

ReSubmit per Comments, Work May Proceed

Bell, Milton Aug-29-2016

VOGT POWER INTERNATIONAL

V17494-BUXD-5005-05

25-Aug-2016

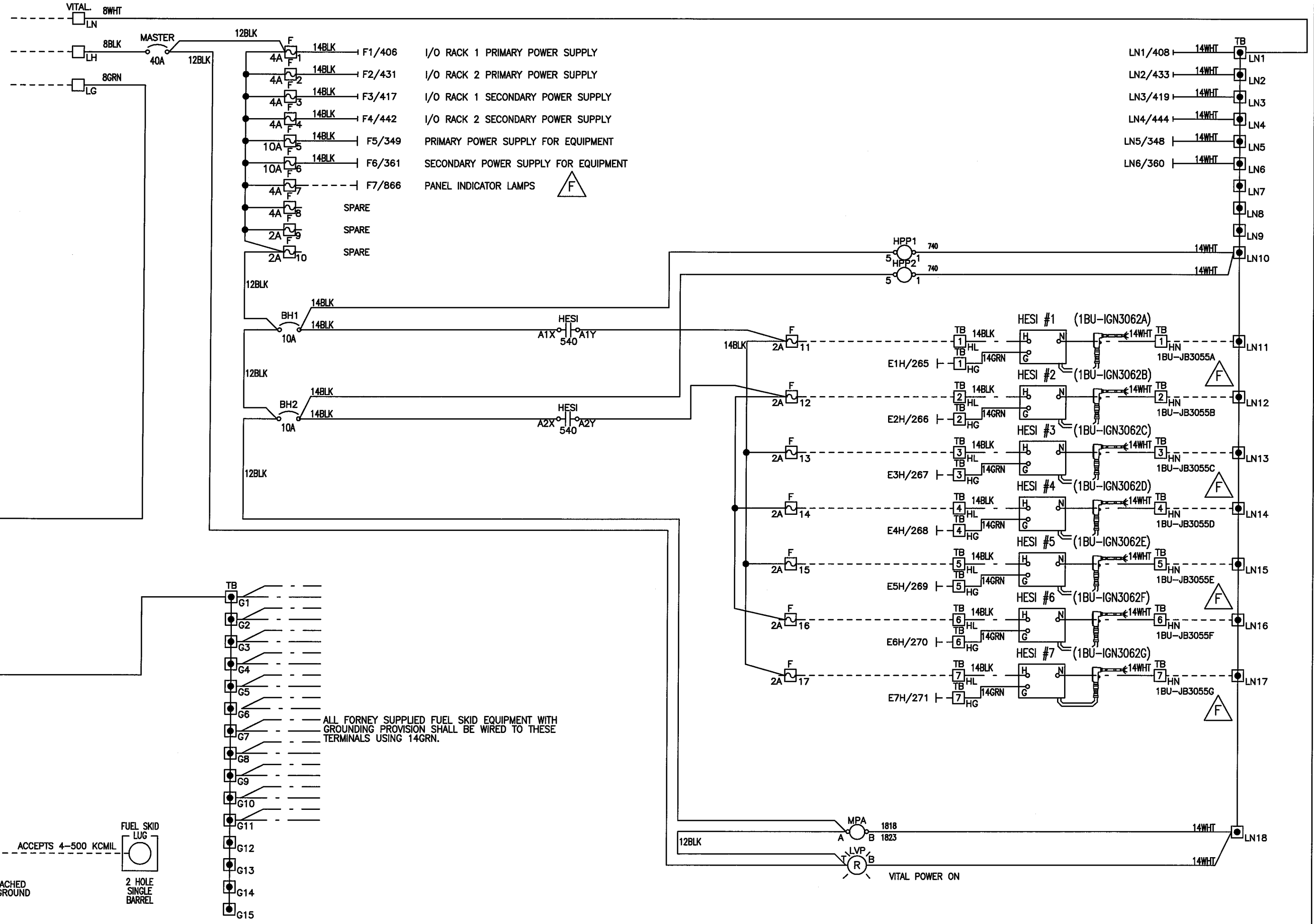
AUG 24 2016

MIDDLETOWN PROJECT
MIDDLETOWN, OH
VPI PROJECT #: V17494
VPI PO #: V0009467

KINGS MOUNTAIN PROJECT
KINGS MOUNTAIN, NC
VPI PROJECT #: V17495
VPI PO #: V0009986

FORNEY[®] Forney Corporation

120 VAC 40 A 60 HZ
VITAL
INCOMING
POWER
CUSTOMER
SUPPLIED
(MAX. OF 35.0
RUNNING AMPS)



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- SAFETY
GROUND
BUS
- 10GRN OUTLET/322
 - 10GRN CHS1/426
 - 10GRN CHS2/451
 - 14GRN NET_SW1
 - 10GRN PNL_MTG_STUD
 - 14GRN R1PSAG/410
 - 14GRN R1PSBG/421
 - 14GRN PS1G/350
 - 14GRN PS2G/362
 - 14GRN DOOR_L
 - 14GRN DOOR_R
 - 14GRN HEATER
 - 10GRN GOI/484
 - 10GRN UIS/321
 - E1H/235
 - E2H/240
 - E3H/245
 - E4H/250
 - E5H/255
 - E6H/260
 - E7H/265
 - 14GRN R2PSAG/435
 - 14GRN R2PSBG/446
 - 14GRN LAMP/316
 - 14GRN HTR/339
 - 14GRN AC/331

ACCEPTS 4-500 KCMIL

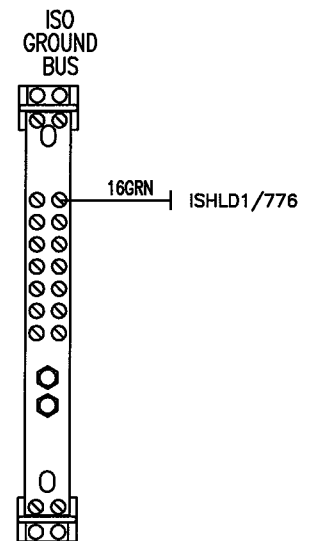
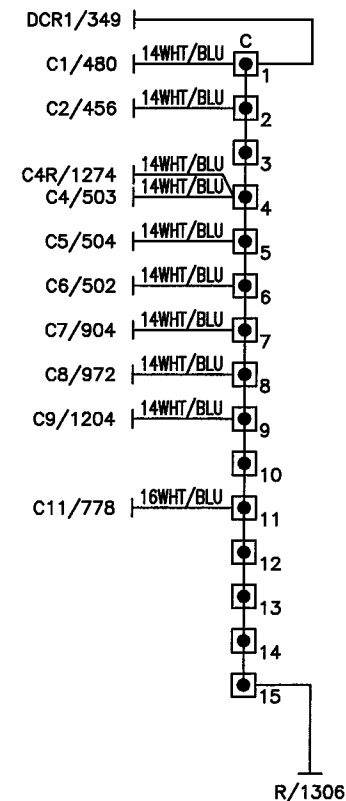
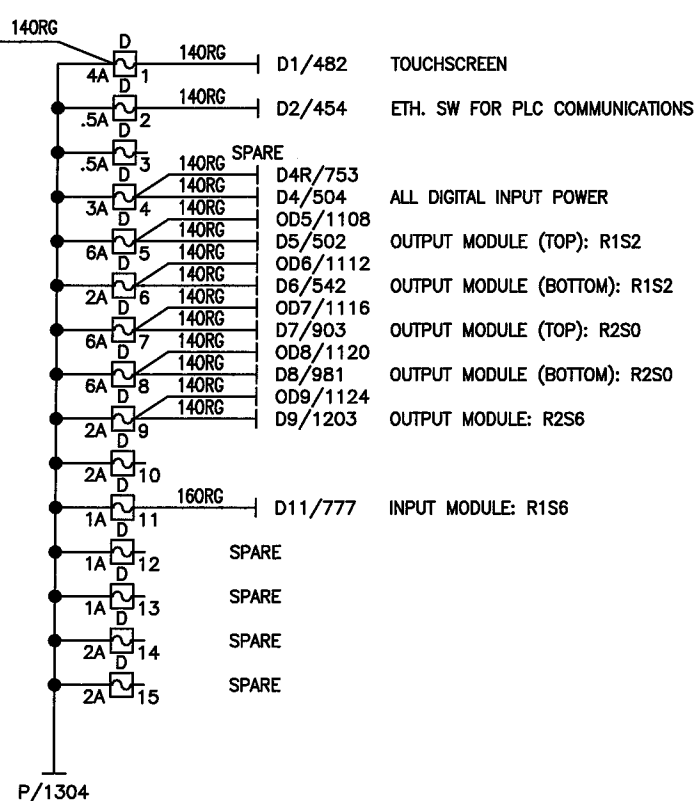
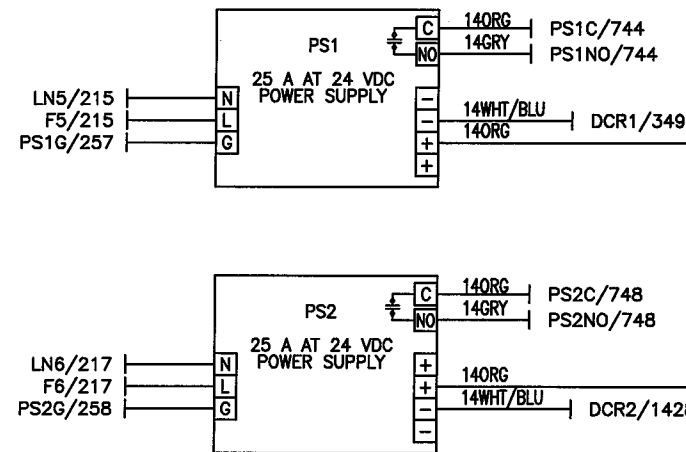
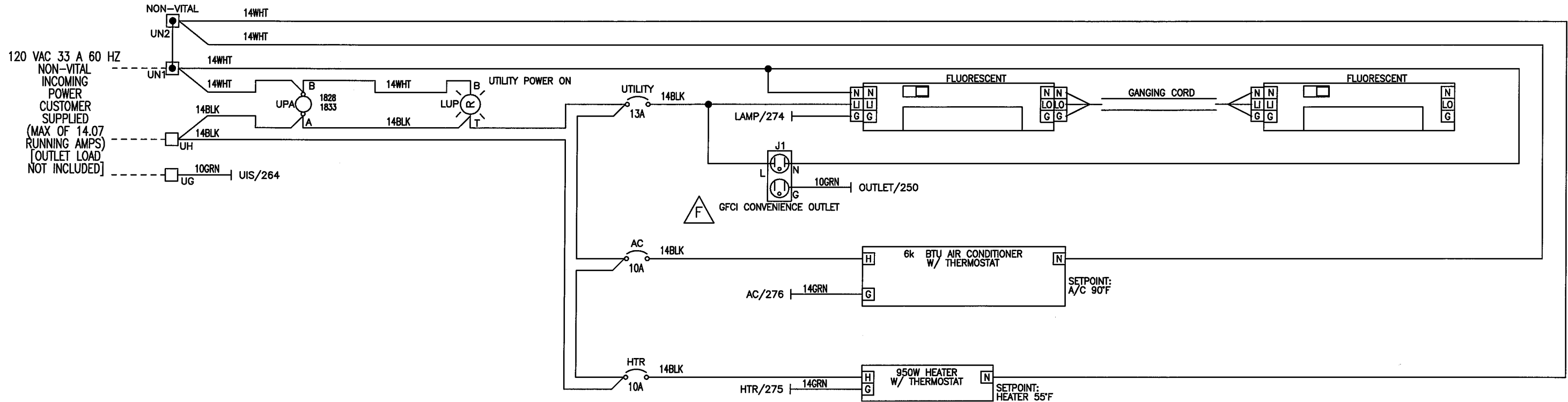
TO BE ATTACHED
TO PLANT GROUND

FUEL SKID
LUG
2 HOLE
SINGLE
BARREL

ALL FORNEY SUPPLIED FUEL SKID EQUIPMENT WITH
GROUNDING PROVISION SHALL BE WIRED TO THESE
TERMINALS USING 14GRN.

F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS	SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.	TITLE MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING POWER WIRING DIAGRAM	 Forney Corporation					
A	11/25/15	JH	CJ	CGS	FIRST SUBMITTAL	THIS DOCUMENT IS THE PROPRIETARY PROPERTY OF FORNEY CORPORATION. ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND SHALL NOT BE REPRODUCED, COPIED, LENT, OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF FORNEY CORPORATION.			CONTRACT B10238	SCALE NONE SHT 2 OF 18	SIZE B	DRAWING NUMBER B10238-070-01	REV F
REV	DATE	DR	ENG	RWD	DESCRIPTION								

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A	11/25/15	JH	CJ	CGS	FIRST SUBMITTAL
REV	DATE	DR	ENG	RVND	DESCRIPTION

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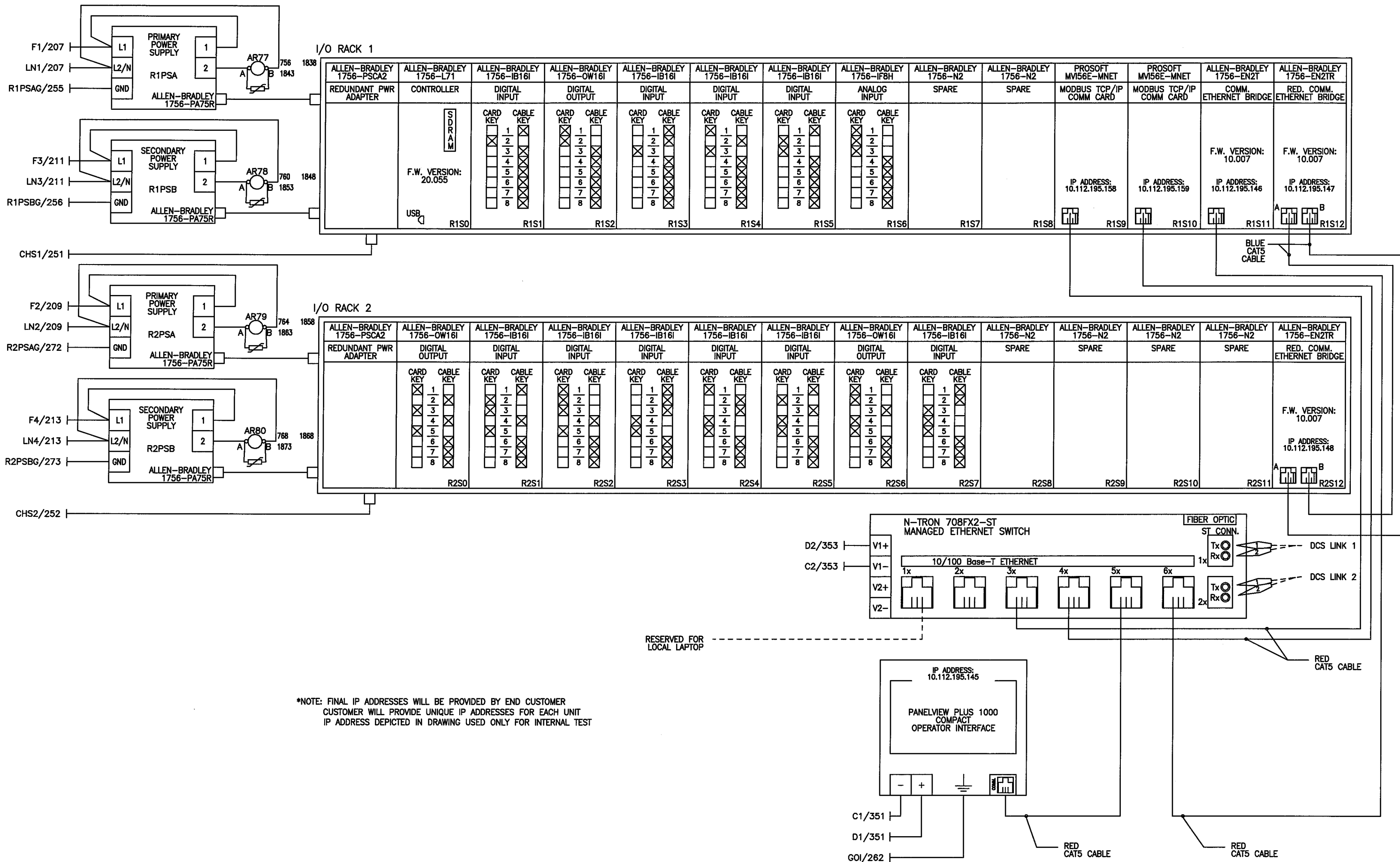
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TITLE MIDDLETOWN / KINGS MOUNTAIN
DUCT BURNER
SCHEMATIC WIRING
UTILITIES WIRING DIAGRAM

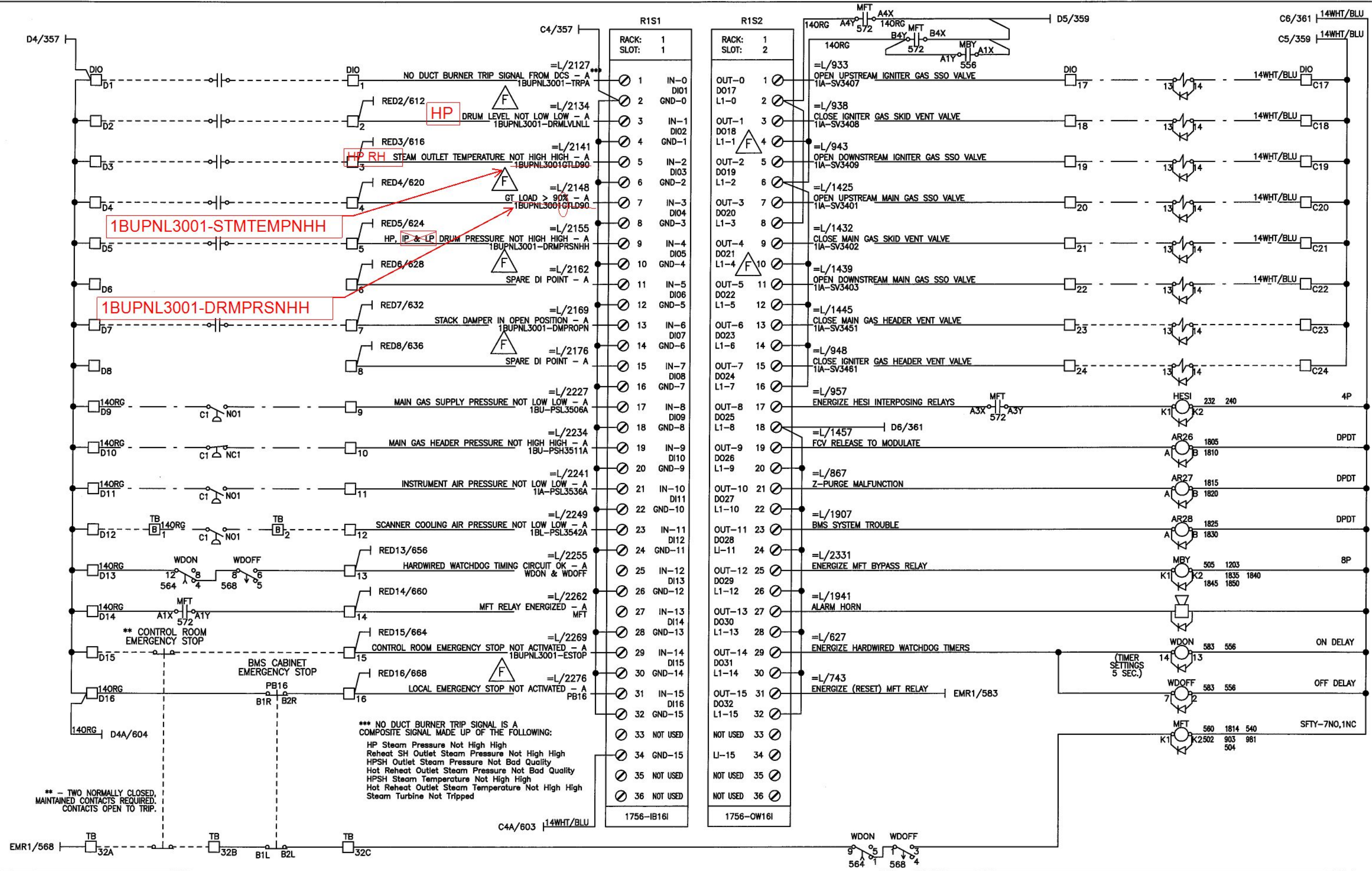
CONTRACT B10238		SCALE NONE	SIZE B	DRAWING NUMBER B10238-070-01	REV F
SHT 3 OF 18					



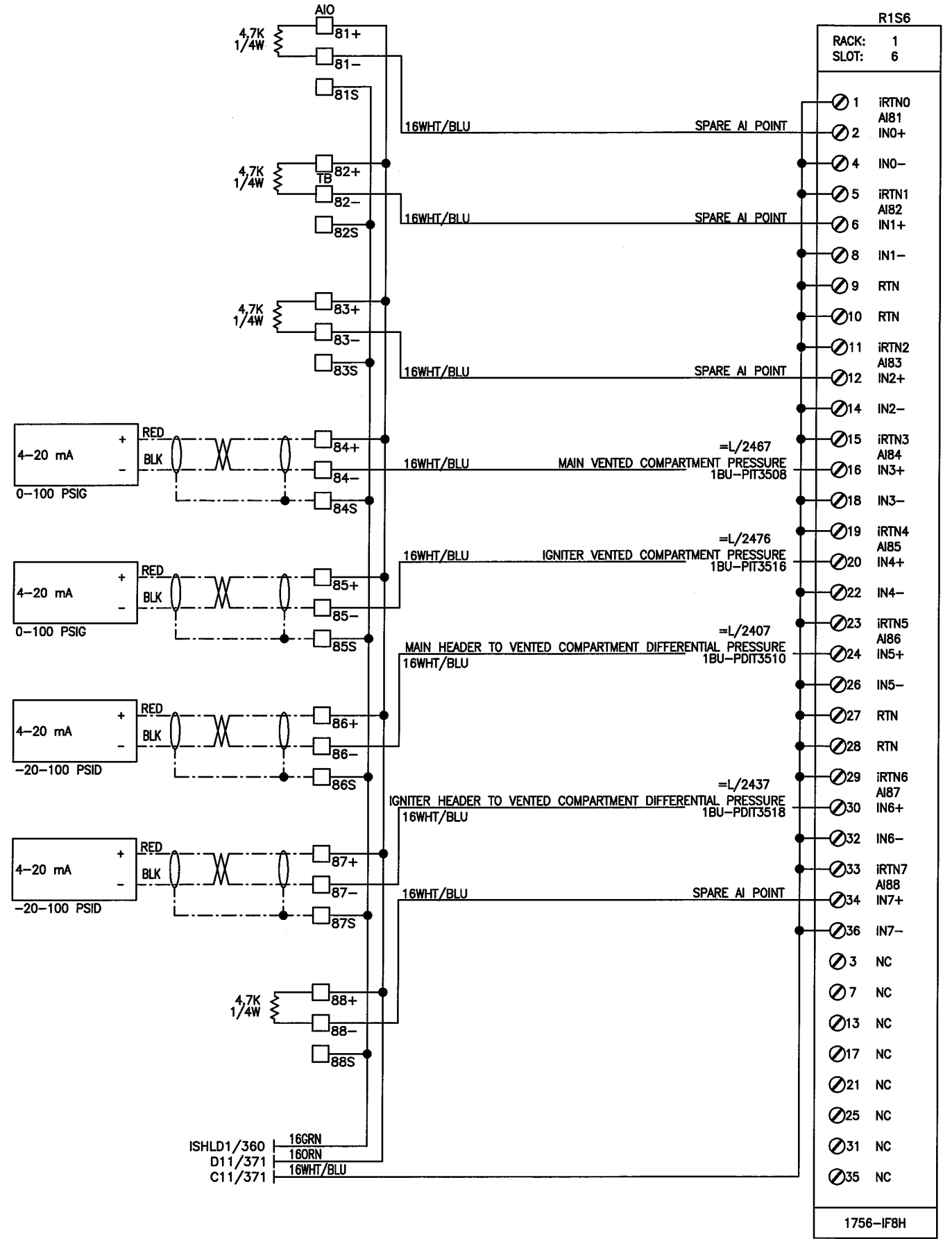
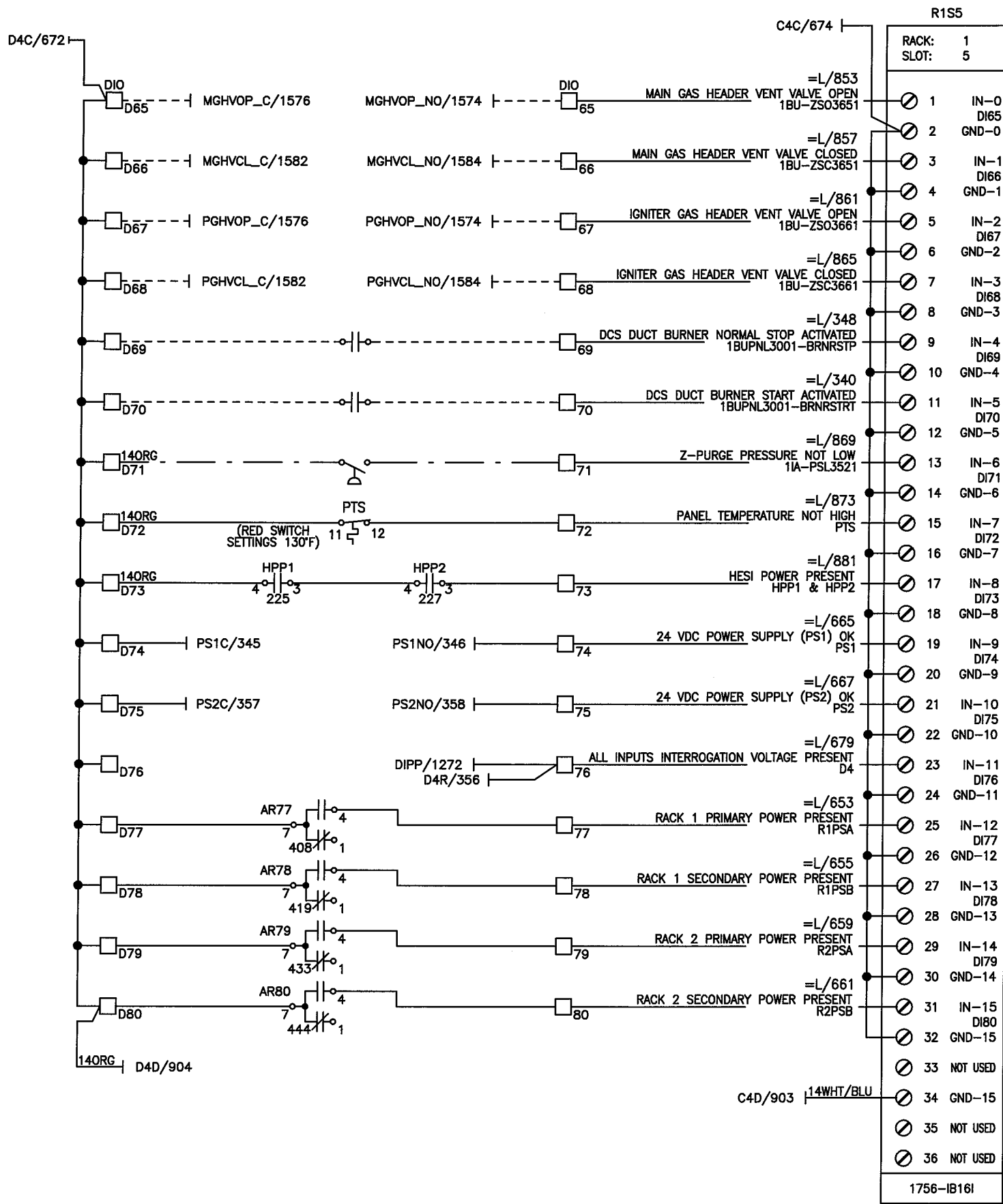
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F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS
A	11/25/15	JH	CJ	CGS	FIRST SUBMITTAL
REV	DATE	DR	ENG	RWD	DESCRIPTION

SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES.
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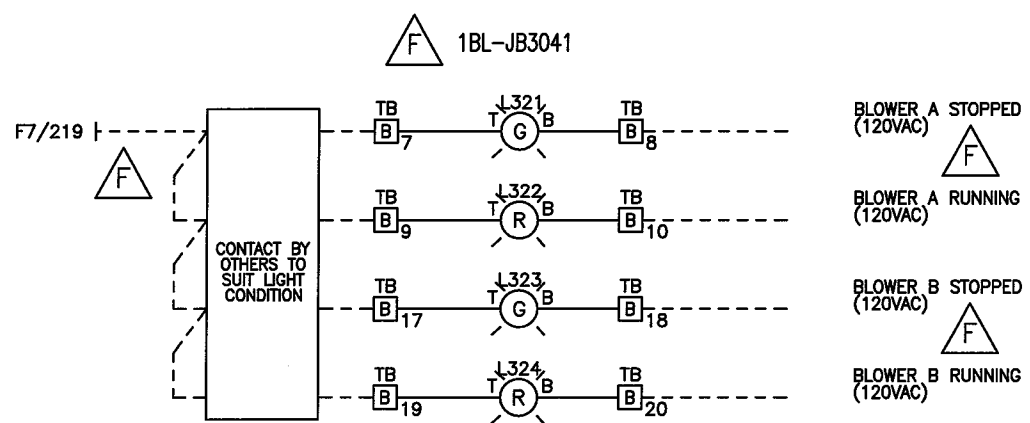
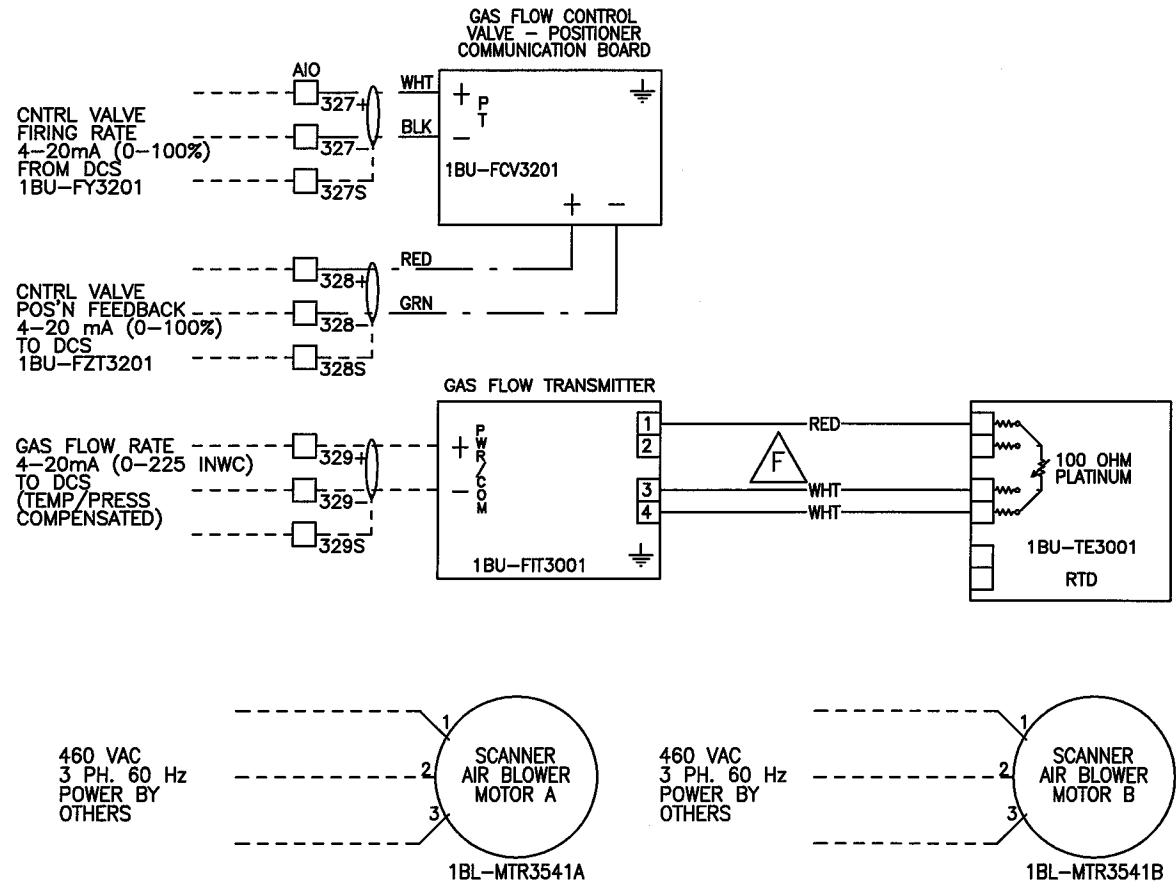
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MIDDLETOWN / KINGS MOUNTAIN
DUCT BURNER
SCHEMATIC WIRING
RACK 1, SLOTS 5/6

 FORNEY [®]				Forney Corporation	
CONTRACT	SCALE	NONE	SIZE	DRAWING NUMBER	REV
B10238	SHT	7 OF 18	B	B10238-070-01	F

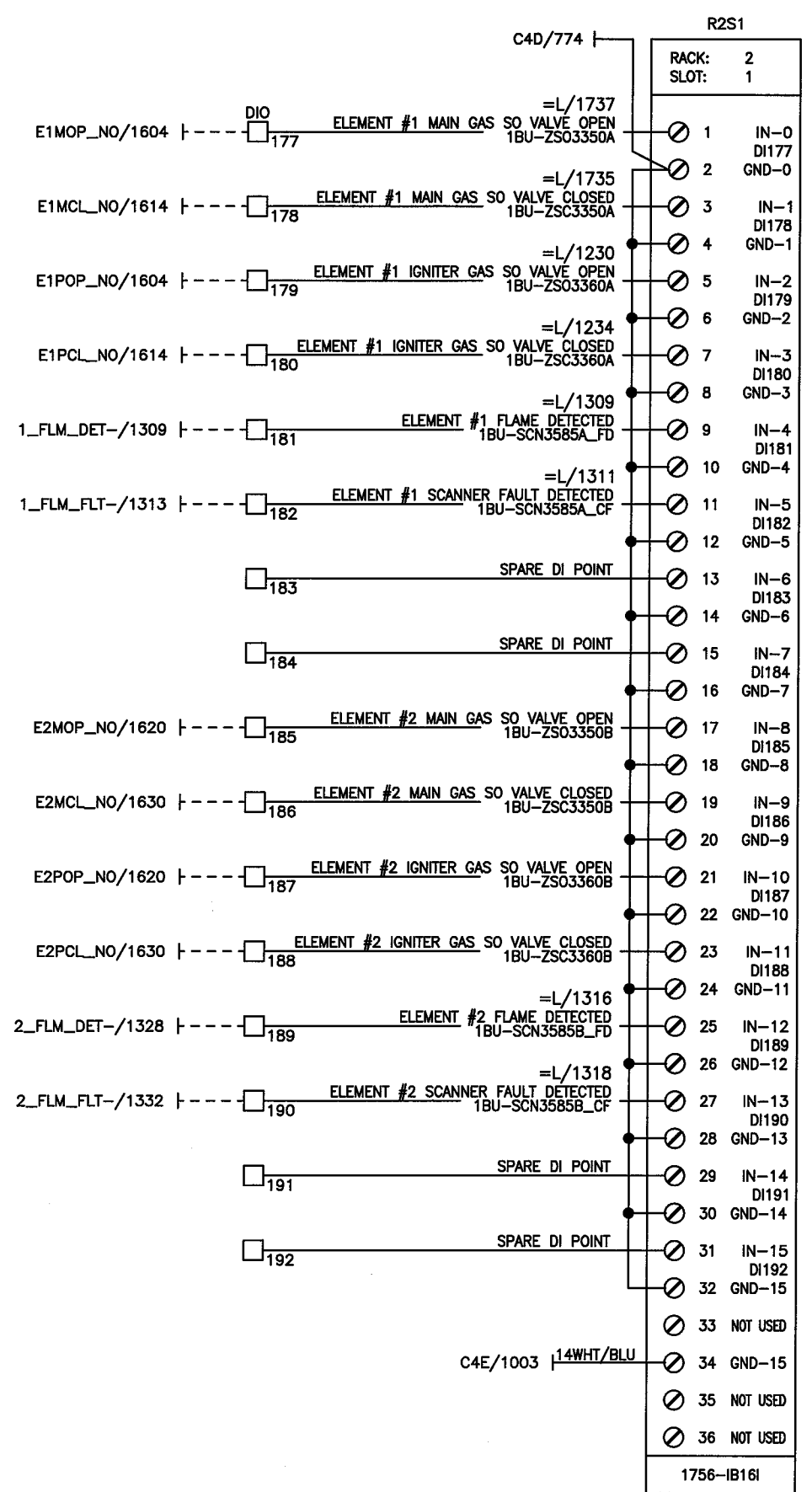
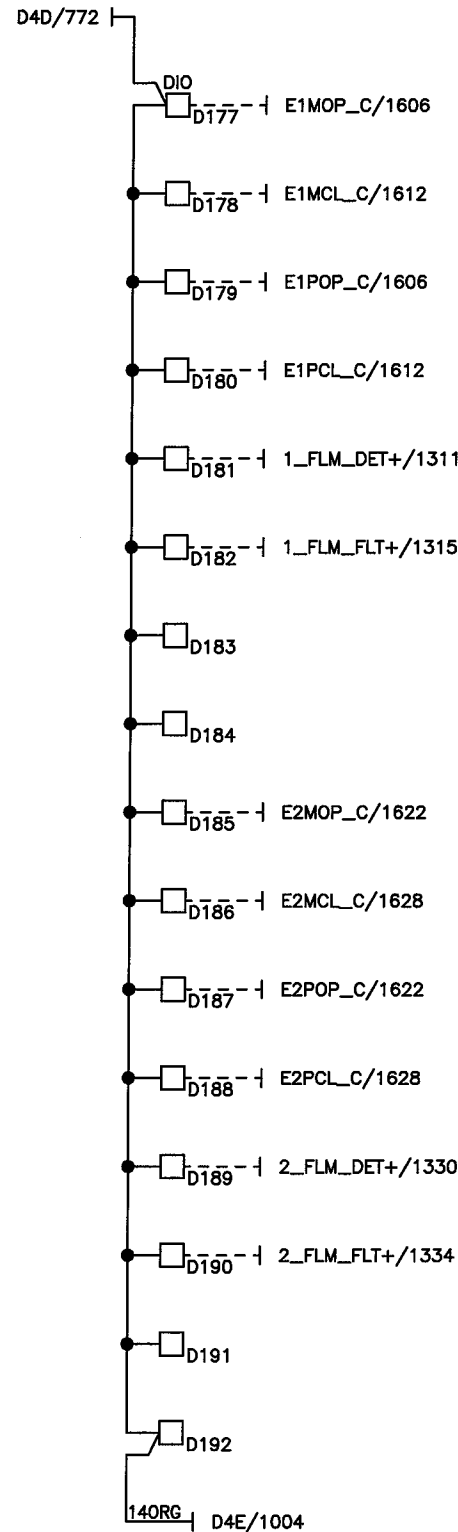
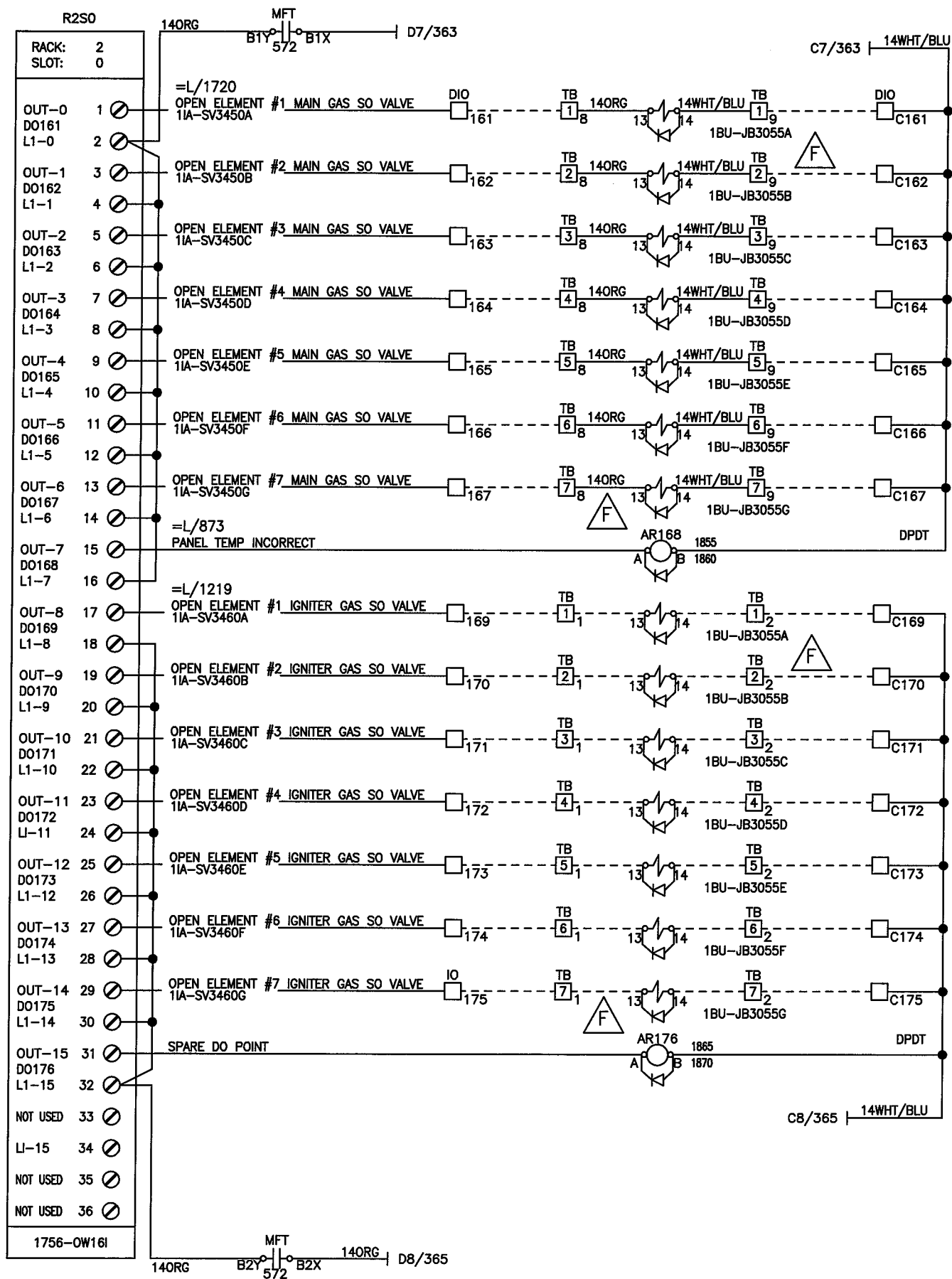
FORNEY®
Forney Corporation

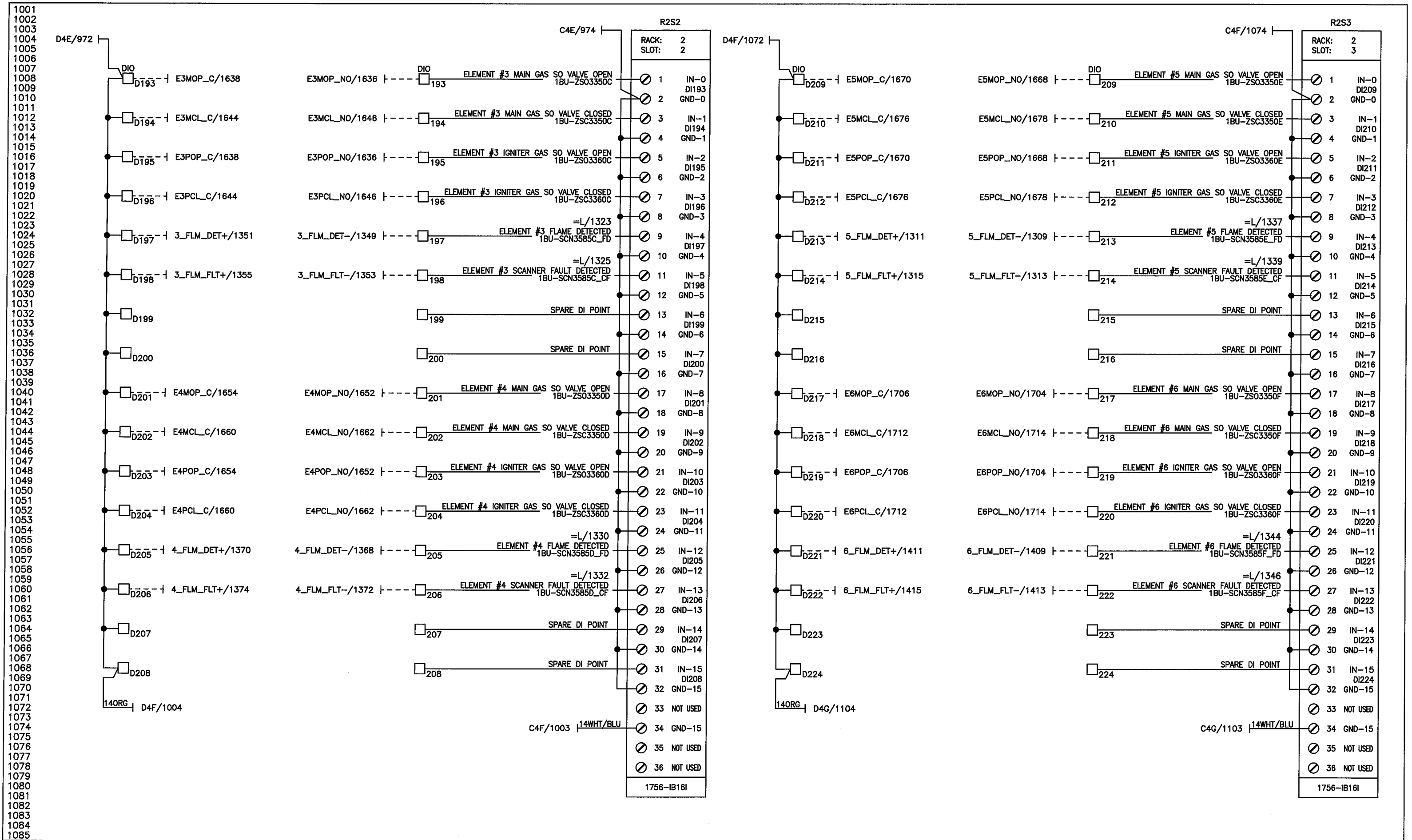
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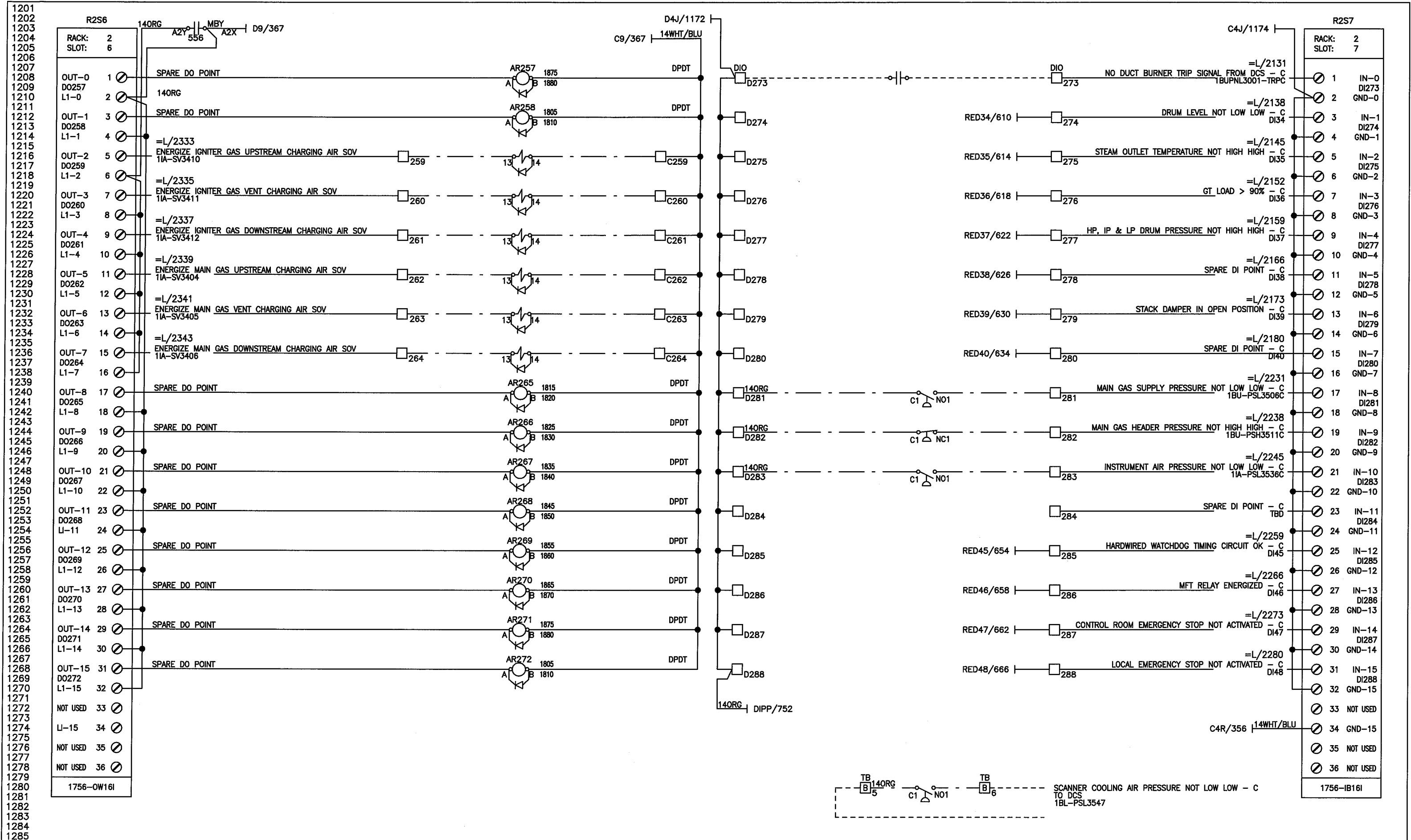
F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS	SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.	TITLE MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING RACK 1, SLOT 7	CONTRACT B10238	SCALE NONE	SIZE 8 OF 18	DRAWING NUMBER B10238-070-01	REV F
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REV	DATE	DR	ENG	RWD	DESCRIPTION							

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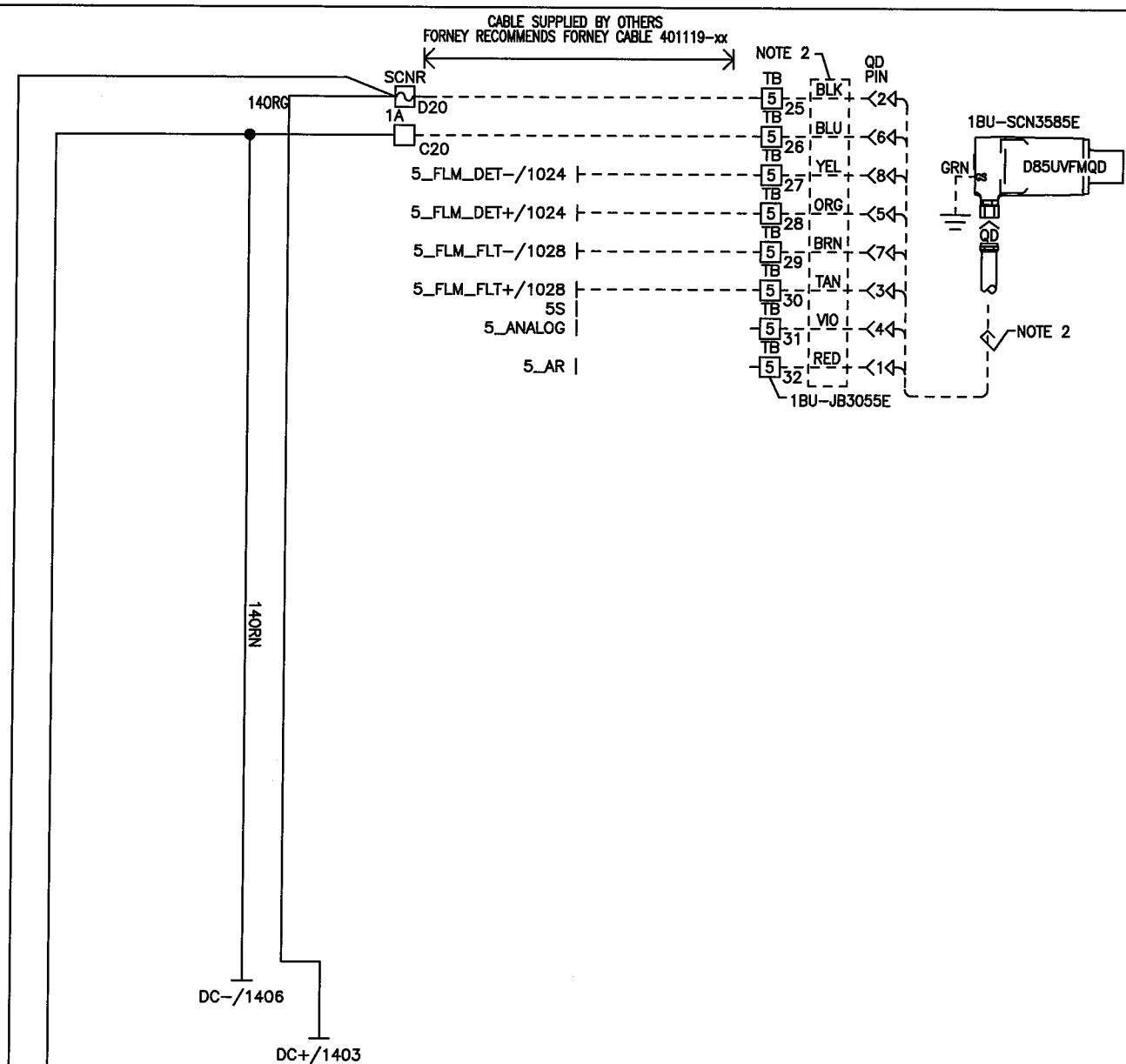
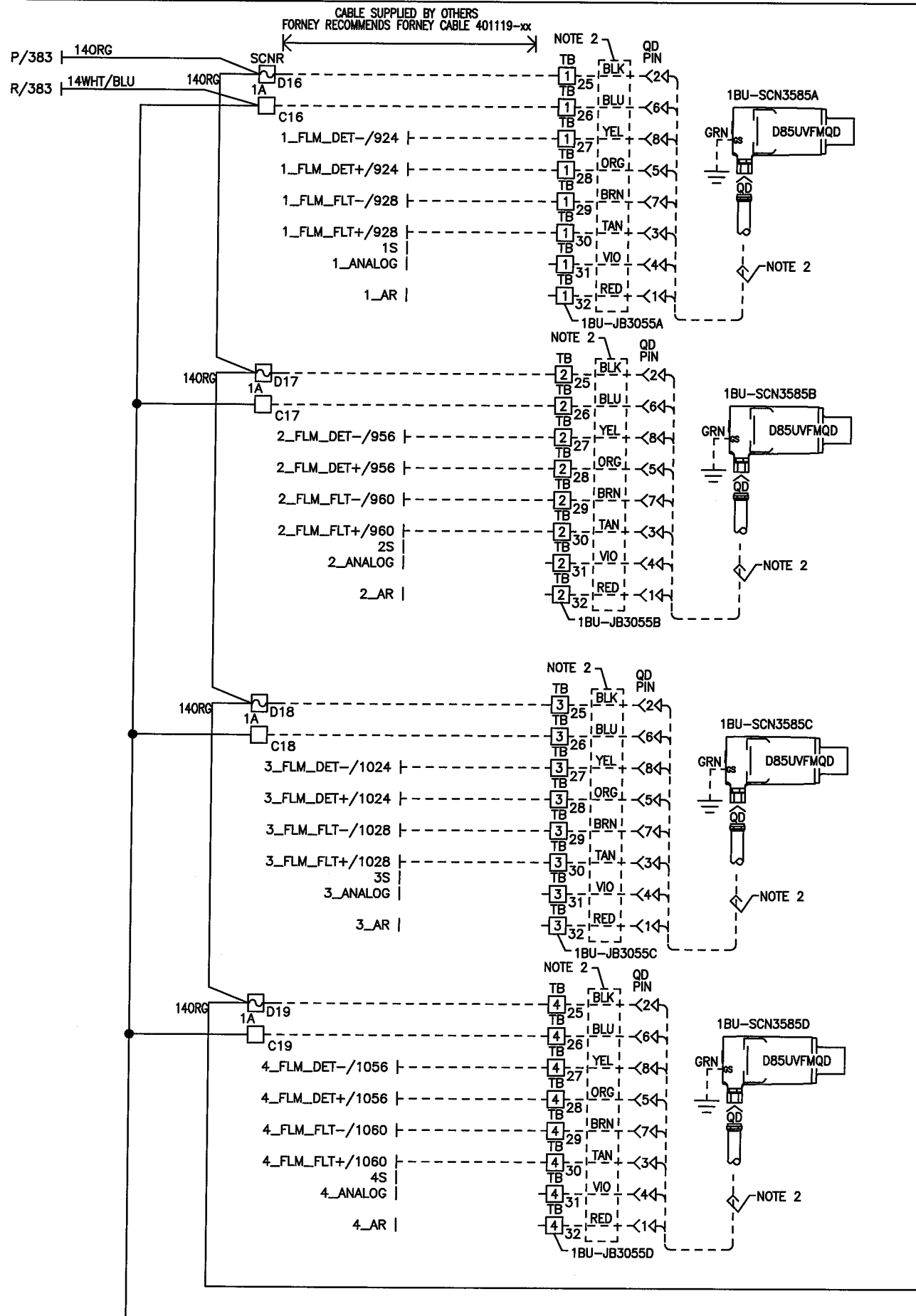


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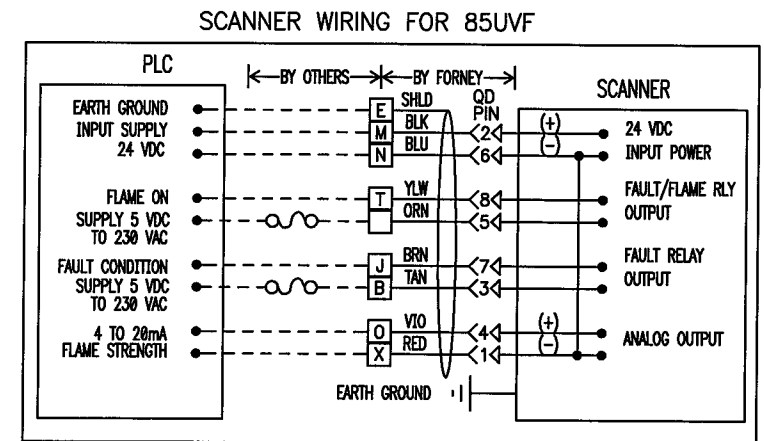


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REV	DATE	DR	ENG	RWID	DESCRIPTION							

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- SCANNER NOTES:
1. SCANNERS ARE SHIPPED LOOSE FOR FIELD INSTALLATION AND WIRING.
 2. EACH SCANNER REQUIRES SHIPPED LOOSE QD CABLE FOR TERMINATION TO ELEMENT J-BOX. FORNEY SUPPLIED 3m CABLE BETWEEN SUPPLIED SCANNER AND ELEMENT J-BOX. LOOSE CONDUCTORS TO BE TERMINATED BY INSTALLER.
 3. WIRING FROM ELEMENT J-BOX TO BMS CABINET IS BY OTHERS. COIL AND TAPE ANY UNUSED CONDUCTORS.
 4. FOR INSTALLATION IN CLASS 1 DIVISION 2 APPLICATIONS, SEE FORNEY BULLETIN 372001-12 FOR CONDUIT REQUIREMENTS.
 5. * TYPICAL: DEVICE END SHIELD TO BE CLIPPED & TAPE'D *
 6. CONSULT FACTORY FOR SCANNER CABLE LENGTHS GREATER THAN 990FT.




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REV	DATE	DR	ENG	RWD	DESCRIPTION

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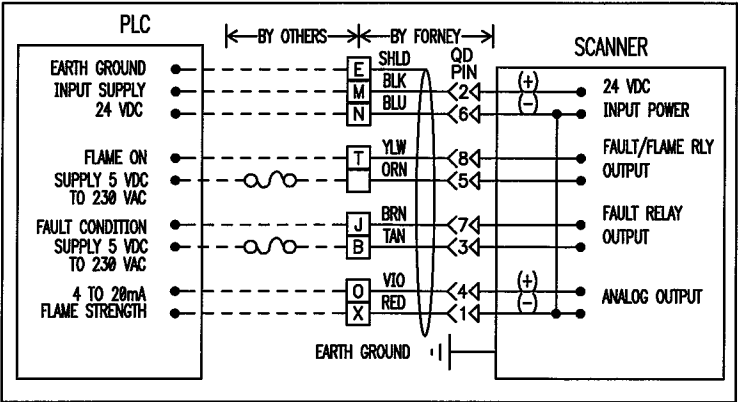
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MIDDLETOWN / KINGS MOUNTAIN
DUCT BURNER
SCHEMATIC WIRING
DETECTOR W/ INT. AMP WIRING

 FORNEY®					Forney Corporation				
38	SCALE		NONE		SIZE	DRAWING NUMBER		REV	
	SHT	13	OF	18		B10238-070-01			
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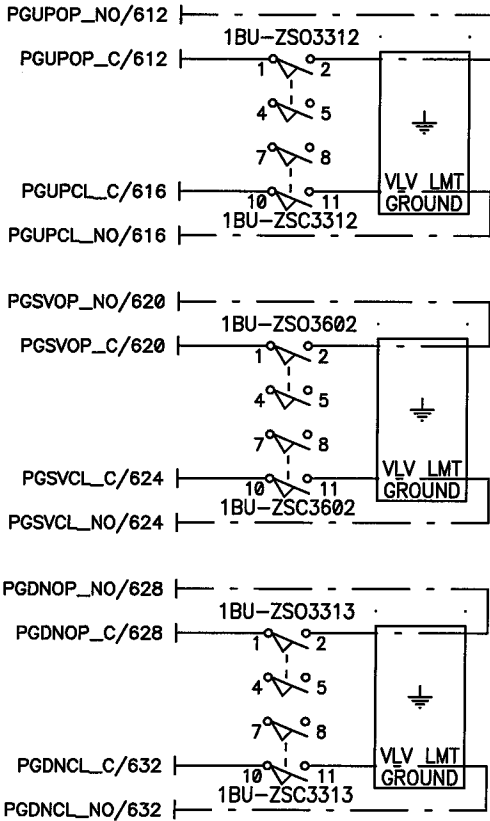
SCANNER WIRING FOR 85UVF



F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS	SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.	TITLE MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING DETECTOR W/ INT. AMP WIRING	 Forney Corporation					
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REV	DATE	DR	ENG	RWD	DESCRIPTION			B10238	SHT	14	OF	18	B B10238-070-01

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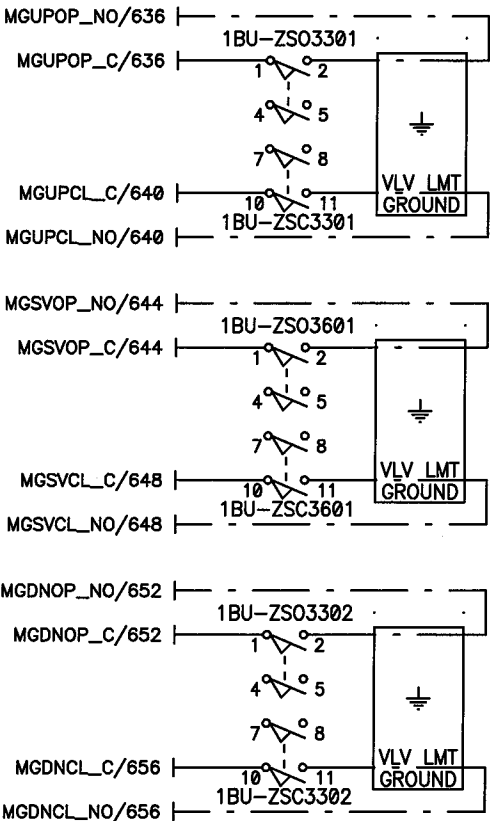
FUEL SKID



UPSTREAM IGNITER GAS SSO VALVE OPEN
(TO BMS)
UPSTREAM IGNITER GAS SSO VALVE OPEN
(SPARE)
UPSTREAM IGNITER GAS SSO VALVE CLOSED
(SPARE)
UPSTREAM IGNITER GAS SSO VALVE CLOSED
(TO BMS)

IGNITER GAS SKID VENT VALVE OPEN
(TO BMS)
IGNITER GAS SKID VENT VALVE OPEN
(SPARE)
IGNITER GAS SKID VENT VALVE CLOSED
(SPARE)
IGNITER GAS SKID VENT VALVE CLOSED
(TO BMS)

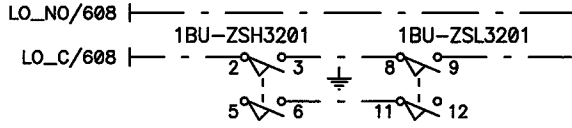
DOWNSTREAM IGNITER GAS SSO VALVE OPEN
(TO BMS)
DOWNSTREAM IGNITER GAS SSO VALVE OPEN
(SPARE)
DOWNSTREAM IGNITER GAS SSO VALVE CLOSED
(SPARE)
DOWNSTREAM IGNITER GAS SSO VALVE CLOSED
(TO BMS)



UPSTREAM MAIN GAS SSO VALVE OPEN
(TO BMS)
UPSTREAM MAIN GAS SSO VALVE OPEN
(SPARE)
UPSTREAM MAIN GAS SSO VALVE CLOSED
(SPARE)
UPSTREAM MAIN GAS SSO VALVE CLOSED
(TO BMS)

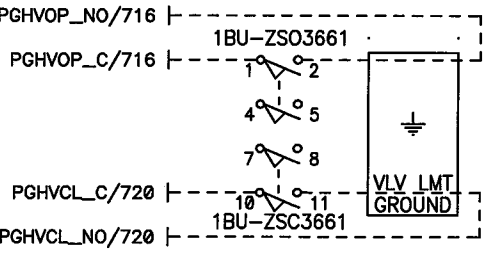
MAIN GAS SKID VENT VALVE OPEN
(TO BMS)
MAIN GAS SKID VENT VALVE OPEN
(SPARE)
MAIN GAS SKID VENT VALVE CLOSED
(SPARE)
MAIN GAS SKID VENT VALVE CLOSED
(TO BMS)

DOWNSTREAM MAIN GAS SSO VALVE OPEN
(TO BMS)
DOWNSTREAM MAIN GAS SSO VALVE OPEN
(SPARE)
DOWNSTREAM MAIN GAS SSO VALVE CLOSED
(SPARE)
DOWNSTREAM MAIN GAS SSO VALVE CLOSED
(TO BMS)



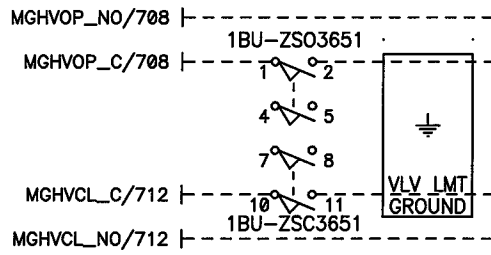
FLOW CONTROL
VALVE AT LIGHTOFF
(TO BMS)
(LIMIT SWITCH CLOSED
AT LIGHTOFF POSITION)

IGNITER GAS HEADER




IGNITER GAS HEADER VENT VALVE OPEN
(TO BMS)
IGNITER GAS HEADER VENT VALVE OPEN
(SPARE)
IGNITER GAS HEADER VENT VALVE CLOSED
(SPARE)
IGNITER GAS HEADER VENT VALVE CLOSED
(TO BMS)

MAIN GAS HEADER



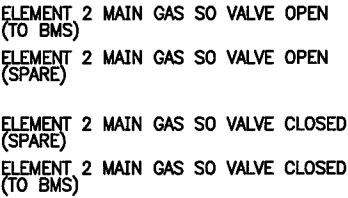
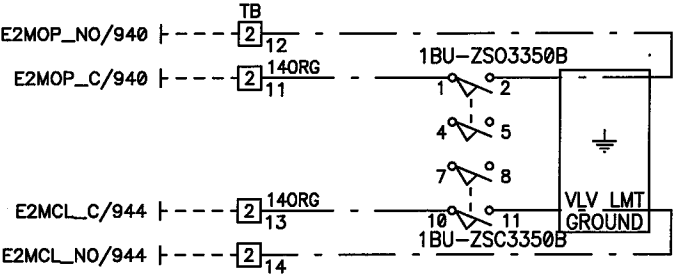
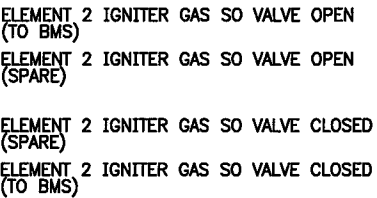
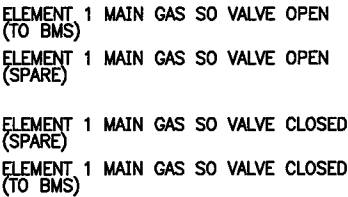
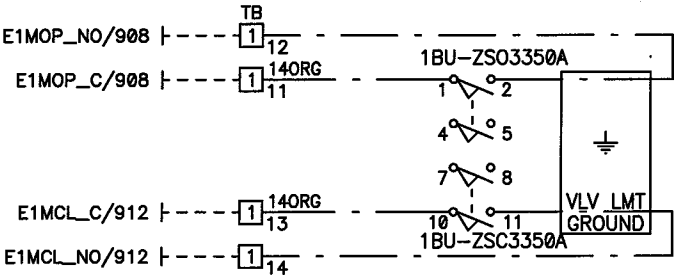
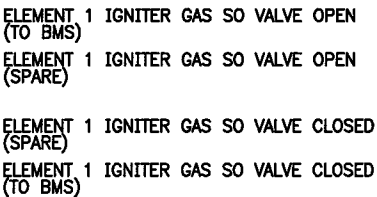
MAIN GAS HEADER VENT VALVE OPEN
(TO BMS)
MAIN GAS HEADER VENT VALVE OPEN
(SPARE)
MAIN GAS HEADER VENT VALVE CLOSED
(SPARE)
MAIN GAS HEADER VENT VALVE CLOSED
(TO BMS)

F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS	SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.	TITLE MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING DIAGRAM	 Forney Corporation				
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REV	DATE	DR	ENG	RVND	DESCRIPTION							

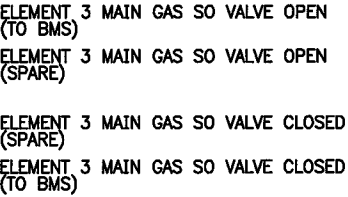
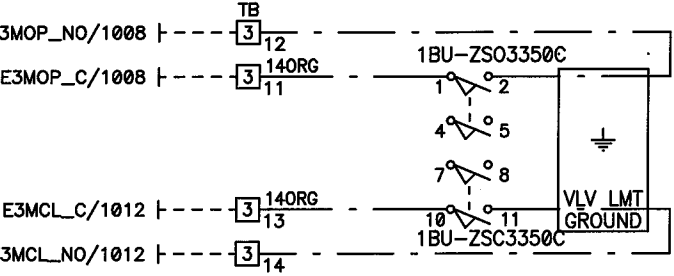
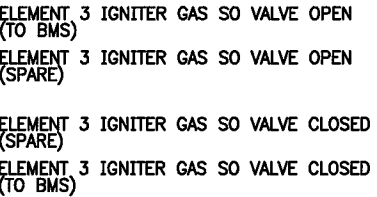
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Wiring diagram for the VLV LMT GROUND terminal block:

- E1POP_NO/916 connects to terminal 1.
- E1POP_C/916 connects to terminal 4.
- E1PCL_C/920 connects to terminal 6.
- E1PCL_NO/920 connects to terminal 7.
- Terminals 2, 5, 8, 10, and 11 are connected to the common ground of the 1BU-ZS03360A and 1BU-ZSC3360A relays.
- A ground symbol is shown next to the terminal block.



Wiring diagram for the 1BU-ZS03360C and 1BU-ZSC3360C components. The diagram shows connections for E3POP_NO/1016, E3POP_C/1016, E3PCL_C/1020, and E3PCL_NO/1020. It includes a ground symbol and a box labeled 'VLV LMT GROUND'.



E4POP_NO/1048 | --- [4]_5

E4POP_C/1048 | --- [4]_4

1BU-ZS03360D

1 2
4 5
7 8

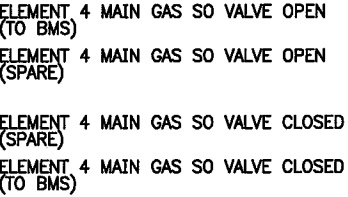
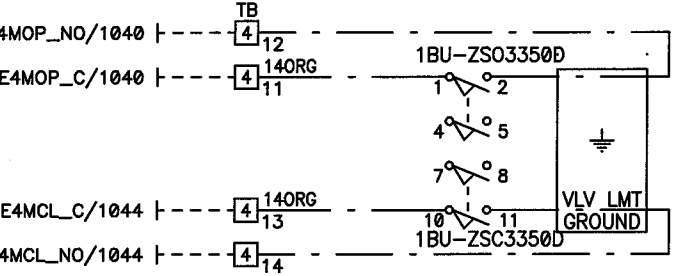
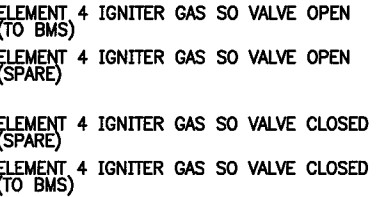
E4PCL_C/1052 | --- [4]_6

E4PCL_NO/1052 | --- [4]_7

10 11

1BU-ZSC3360D

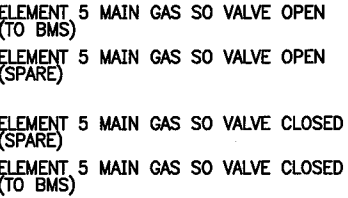
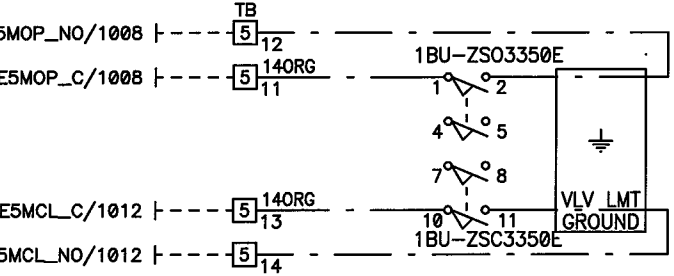
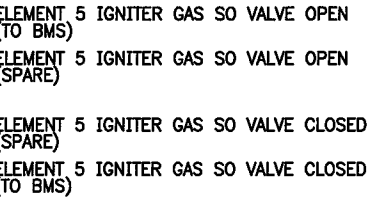
VLV LMT
GROUND




Wiring diagram for the VLV LMT GROUND connection:

- Input 1: E5POP_NO/1016 (Pin 5) connected to 1BU-ZS03360E (Pin 1).
- Input 2: E5POP_C/1016 (Pin 4) connected to 1BU-ZS03360E (Pin 4).
- Input 3: E5PCL_C/1020 (Pin 6) connected to 1BU-ZS03360E (Pin 7).
- Input 4: E5PCL_NO/1020 (Pin 7) connected to 1BU-ZS03360E (Pin 10).

The output of the relays is connected to a common ground point labeled "VLV LMT GROUND".



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REV	DATE	DR	ENG	RWMD	DESCRIPTION			B10238	SHT 16 OF 18	B	B10238-070-01	F

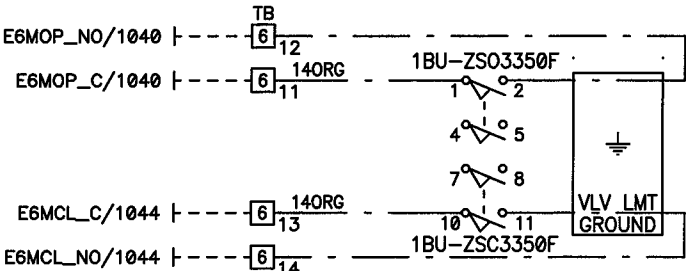
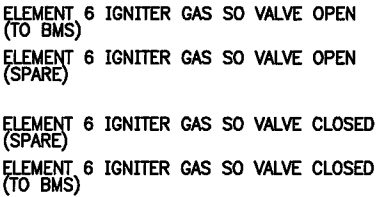
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E6POP_NO/1048 ┆ ┆ [6] 5
 E6POP_C/1048 ┆ ┆ [6] 4
 E6PCL_C/1052 ┆ ┆ [6] 6
 E6PCL_NO/1052 ┆ ┆ [6] 7

1BU-ZS03360F
 1BU-ZSC3360F

1
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8
9
10
11

VLV LMT
GROUND



ELEMENT 6 MAIN GAS SO VALVE OPEN
(TO BMS)

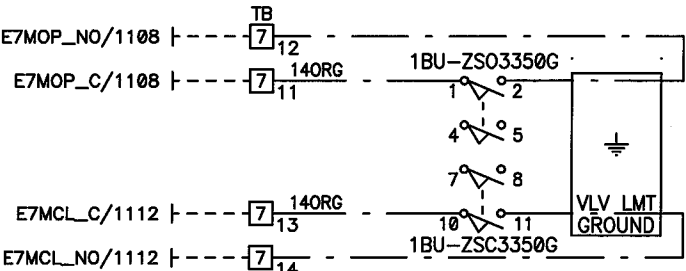
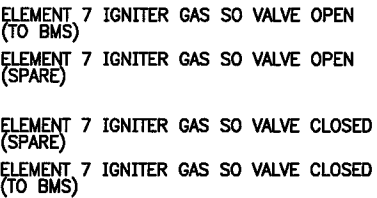
ELEMENT 6 MAIN GAS SO VALVE OPEN
(SPARE)

ELEMENT 6 MAIN GAS SO VALVE CLOSED
(SPARE)

ELEMENT 6 MAIN GAS SO VALVE CLOSED
(TO BMS)

Wiring diagram for the VLV LMT GROUND terminal block:

- Input 1: E7POP_NO/1116 connected to terminal 5.
- Input 2: E7POP_C/1116 connected to terminal 4.
- Input 3: E7PCL_C/1120 connected to terminal 6.
- Input 4: E7PCL_NO/1120 connected to terminal 7.
- Output 1: 1BU-ZS03360G connected to terminals 1 and 2.
- Output 2: 1BU-ZSC3360G connected to terminals 10 and 11.
- Ground connection: A ground symbol is connected to terminal 11.
- Terminal block label: VLV LMT GROUND.



ELEMENT 7 MAIN GAS SO VALVE OPEN
(TO BMS)

ELEMENT 7 MAIN GAS SO VALVE OPEN
(SPARE)

ELEMENT 7 MAIN GAS SO VALVE CLOSED
(SPARE)


ELEMENT 7 MAIN GAS SO VALVE CLOSED
(TO BMS)

F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS
A	11/25/15	JH	CJ	CGS	FIRST SUBMITTAL
REV	DATE	DR	ENG	RWMD	DESCRIPTION

SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES.
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MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING DIAGRAM

 FORNEY® Forney Corporation				
CONTRACT B10238	SCALE NONE	SIZE B	DRAWING NUMBER B10238-070-01	REV F
	SHT 17 OF 18			

	1BUPNL3001-MOD FCV RELEASE TO MODULATE TO DCS (AS APPLICABLE)
	FCV RELEASE TO MODULATE TO DCS (AS APPLICABLE)
	1BUPNL3001-ZPRGMF Z-PURGE MALFUNCTION TO DCS (AS APPLICABLE)
	Z-PURGE MALFUNCTION TO DCS (AS APPLICABLE)
	1BUPNL3001-TRB BMS SYSTEM TROUBLE TO DCS (AS APPLICABLE)
	BMS SYSTEM TROUBLE TO DCS (AS APPLICABLE)
	1BUPNL3001-RLYBYP MFT RELAY BYPASSED (FOR PURGE CREDIT) TO DCS
	1BUPNL3001-RLYNBYP MFT RELAY NOT BYPASSED (FOR PURGE CREDIT) TO DCS
	MFT RELAY BYPASSED (FOR PURGE CREDIT) TO DCS
	MFT RELAY NOT BYPASSED (FOR PURGE CREDIT) TO DCS
	1BUTE3522 PANEL TEMP INCORRECT TO DCS (AS APPLICABLE)
	PANEL TEMP INCORRECT TO DCS (AS APPLICABLE)
	SPARE TO DCS (AS APPLICABLE)
	SPARE TO DCS (AS APPLICABLE)
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	SPARE TO DCS (AS APPLICABLE)

	TB 272A TB 272B TB 272C	SPARE TO DCS (AS APPLICABLE)
	TB 272D TB 272E TB 272F	SPARE TO DCS (AS APPLICABLE)
	TB 32F TB 32G TB 32J	1BUPNL3001-TRPD MFT RELAY TRIPPED TO DCS (AS APPLICABLE)
	TB 32H TB 32K TB 32N	1BUPNL3001-VTL PWR VITAL POWER AVAILABLE TO DCS (AS APPLICABLE)
	TB 32L TB 32M TB 32N	VITAL POWER AVAILABLE TO DCS (AS APPLICABLE)
	TB 32P TB 32Q TB 32R	1BUPNL3001-NVTLPWR NON-VITAL POWER AVAILABLE TO DCS (AS APPLICABLE)
	TB 32S TB 32T TB 32V	NON-VITAL POWER AVAILABLE TO DCS (AS APPLICABLE)
	TB 77A TB 77B TB 77C	1BUPNL3001-R1PSA RACK 1 PRIMARY PS (R1PSA) POWER OK TO DCS (AS APPLICABLE)
	TB 77D TB 77E TB 77F	RACK 1 PRIMARY PS (R1PSA) POWER OK TO DCS (AS APPLICABLE)
	TB 78A TB 78B TB 78C	1BUPNL3001-R1PSB RACK 1 SECONDARY PS (R1PSB) POWER OK TO DCS (AS APPLICABLE)
	TB 78D TB 78E TB 78F	RACK 1 SECONDARY PS (R1PSB) POWER OK TO DCS (AS APPLICABLE)
	TB 79A TB 79B TB 79C	1BUPNL3001-R2PSA RACK 2 PRIMARY PS (R2PSA) POWER OK TO DCS (AS APPLICABLE)
	TB 79D TB 79E TB 79F	RACK 2 PRIMARY PS (R1PSB) POWER OK TO DCS (AS APPLICABLE)
	TB 80A TB 80B TB 80C	1BUPNL3001-R2PSB RACK 2 SECONDARY PS (R2PSB) POWER OK TO DCS (AS APPLICABLE)
	TB 80D TB 80E TB 80F	RACK 2 SECONDARY PS (R2PSB) POWER OK TO DCS (AS APPLICABLE)

F	8/19/16	JH	CJ	BKE	REVISED PER ECO 73349 FINALIZE PER 8/2/16 MARKUPS	SEE FORNEY CORPORATION STANDARD 348384-01 FOR TOLERANCES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.	TITLE MIDDLETOWN / KINGS MOUNTAIN DUCT BURNER SCHEMATIC WIRING DIAGRAM DRY CONTACTS TO DCS	 Forney Corporation				
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REV	DATE	DR	ENG	RWID	DESCRIPTION			B10238	SHT 18 OF 18	B	B10238-070-01	F