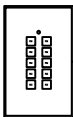
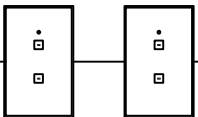


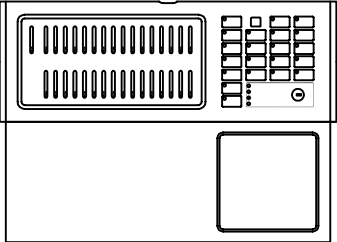
PRE-8MD REMOTE PRESET STATION
FOR DETAILS SEE DRAWING 105



(2) PRE-1D REMOTE PRESET STATIONS
FOR DETAILS SEE DRAWING 105



DMS16-32-C DESIGNER MEMORY SYSTEM
EACH FLUSH MOUNTS IN
13.6"W X 4.6"H X 3.5"D BACK BOX
(BACKBOX SUPPLIED BY LEVITON)
FOR DETAILS SEE DRAWING 103

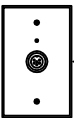


TO TB1 ON SHEET 101-2

ALL WIRE RUNS MUST BE DAISY CHAINED WITH
(2) #12 AWG & (1) BELDEN #9729 CABLE. STATIONS
ON THE DAISY CHAIN MAY APPEAR IN ANY ORDER.
THE MAXIMUM LENGTH OF A WIRING RUN IS
3000 FEET FROM THE DIMMER CABINET
TO THE LAST REMOTE DEVICE ON THE RUN.
NO BRANCH OR STAR WIRING.

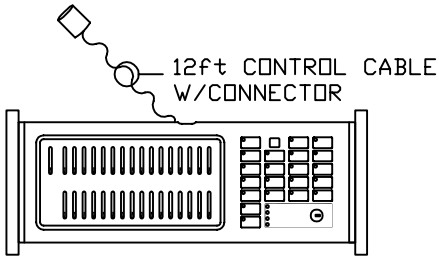
NOTE:
ONLY THE LAST REMOTE DEVICE ON
THE RUN SHOULD HAVE A JUMPER
BETWEEN TERMINALS 5 & 6

DMS/RS RECEPTACLE STATION
FOR DETAILS SEE DRAWING 106



TO TB2 ON SHEET 101-2

PORTABLE DMS16-32-C-P DESIGNER MEMORY SYSTEM
FOR DETAILS SEE DRAWING 104



REGIONAL MGR.
J. LAMONTAGNE

PROJECT MGR.
D. MILLER

PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
BLOCK
DIAGRAM

MODEL #

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

HAMDEN
CT

DWG/QUOTE NO.
S01258E- 101

SHEET
1 OF 2

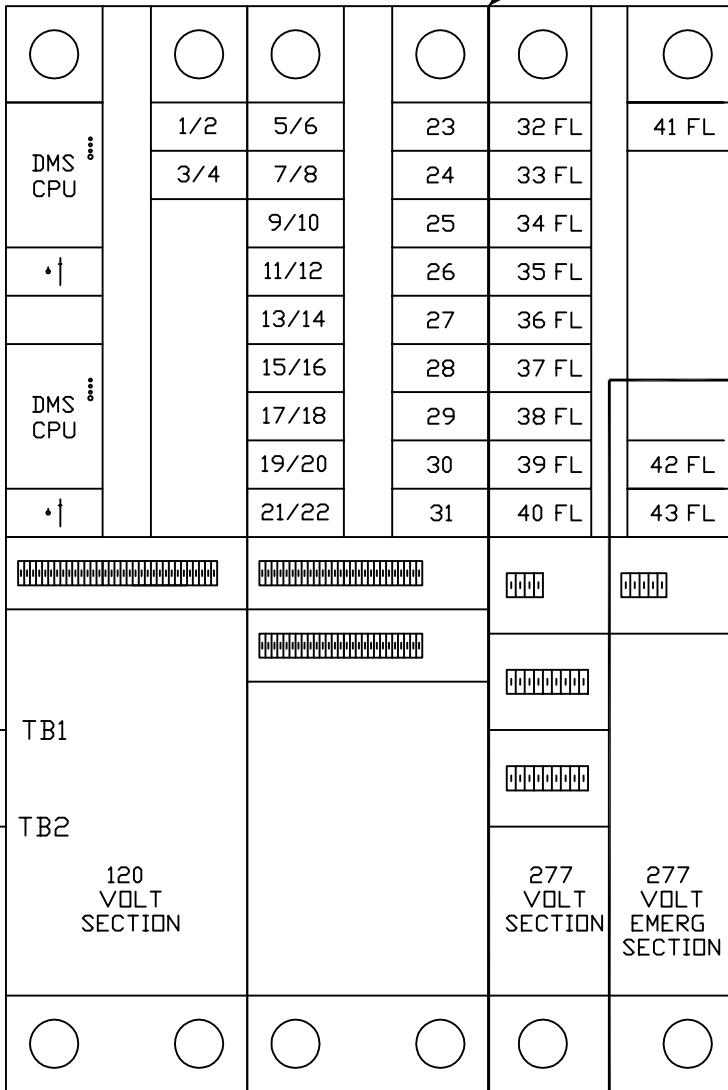
SEE CABINET INSTALLATION INFORMATION
SHEET FOR ADDITIONAL DETAILS

CUS-01258E-01
FOR DETAILS SEE SHEETS 1-9

FLOOR STANDING DIMMER CABINET

59 1/4"

BARRIER



FLUORESCENT BALLASTS ARE HI-LUME
FLUORESCENT DIMMING BALLASTS NOT BY
LEVITON. THE BALLAST TO BE USED MUST
BE VERIFIED BEFORE MANUFACTURING
CAN BEGIN. WIRING TO BALLASTS MAY
CHANGE, DEPENDING ON BALLAST USED.

FROM CONTROL STATIONS
ON SHEET 101-1
FROM RECEPTACLE STATION
ON SHEET 101-1

TO (58) 2 WIRE DIMMED
INCANDESCENT/LOW VOLTAGE
120V, 20 AMP LOAD CIRCUITS

TO (10) 3 WIRE DIMMED
FLUORESCENT 277V,
20 AMP LOAD CIRCUITS

TO (2) 3 WIRE DIMMED
EMERGENCY FLUORESCENT
277V, 20 AMP LOAD CIRCUITS

MAIN FEED
3Ø4W W/GND
120/208VAC 60HZ
380 AMP MAIN
LUGS ONLY

MAIN FEED
3Ø4W W/GND
277/480VAC 60HZ
310 AMP MAIN
LUGS ONLY

EMERGENCY FEED
3Ø4W W/GND
277/480VAC 60HZ
175 AMP MAIN
LUGS ONLY

RIGHT SIDE VIEW

20"

18"

90"

REGIONAL MGR.
J. LAMONTAGNE
PROJECT MGR.
D. MILLER
PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
BLOCK
DIAGRAM

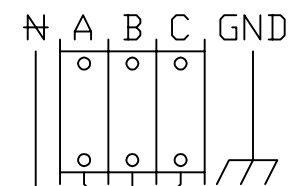
MODEL #

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

HAMDEN
CT

DWG/QUOTE NO.
S01258E- 101
SHEET
2 OF 2

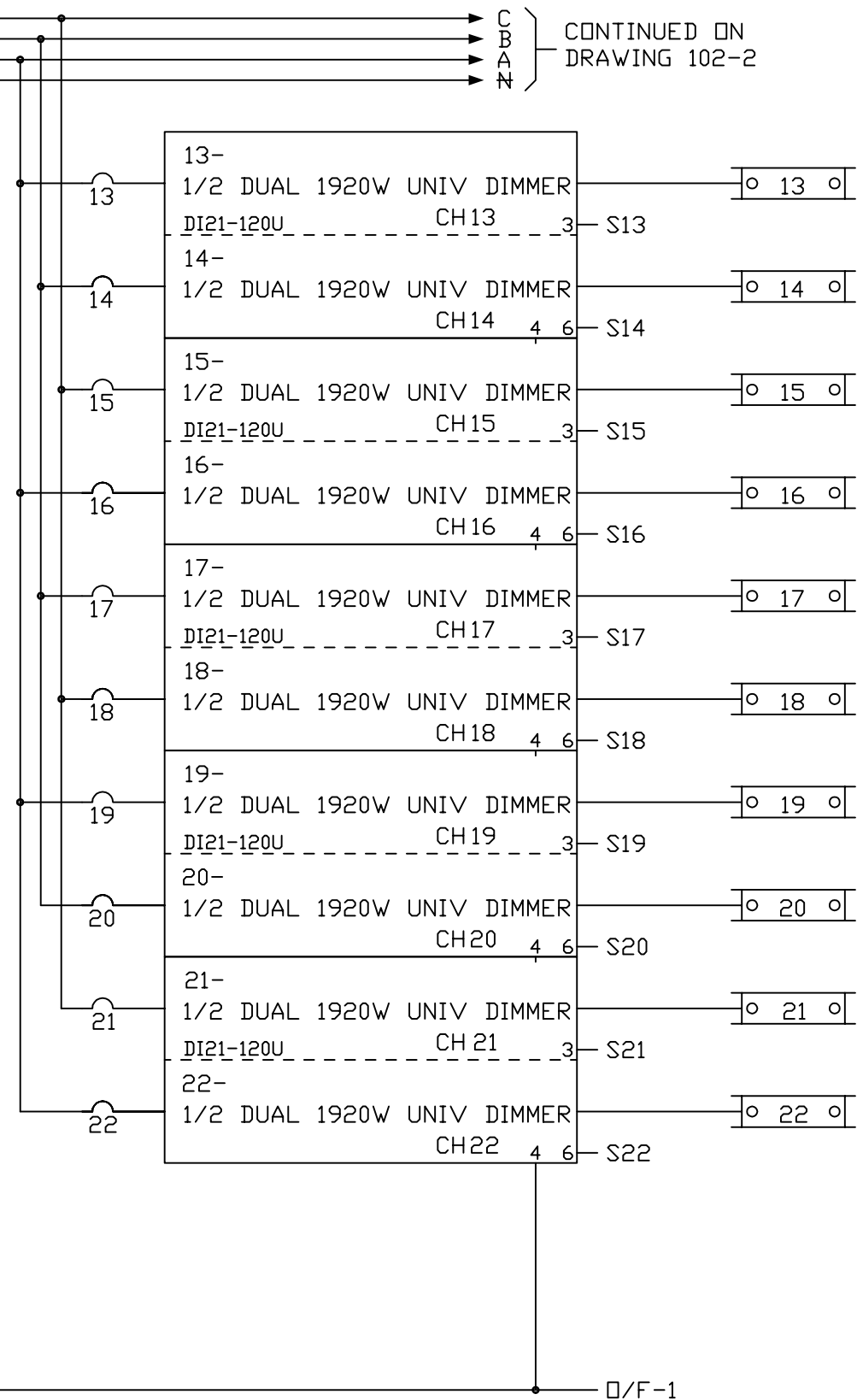
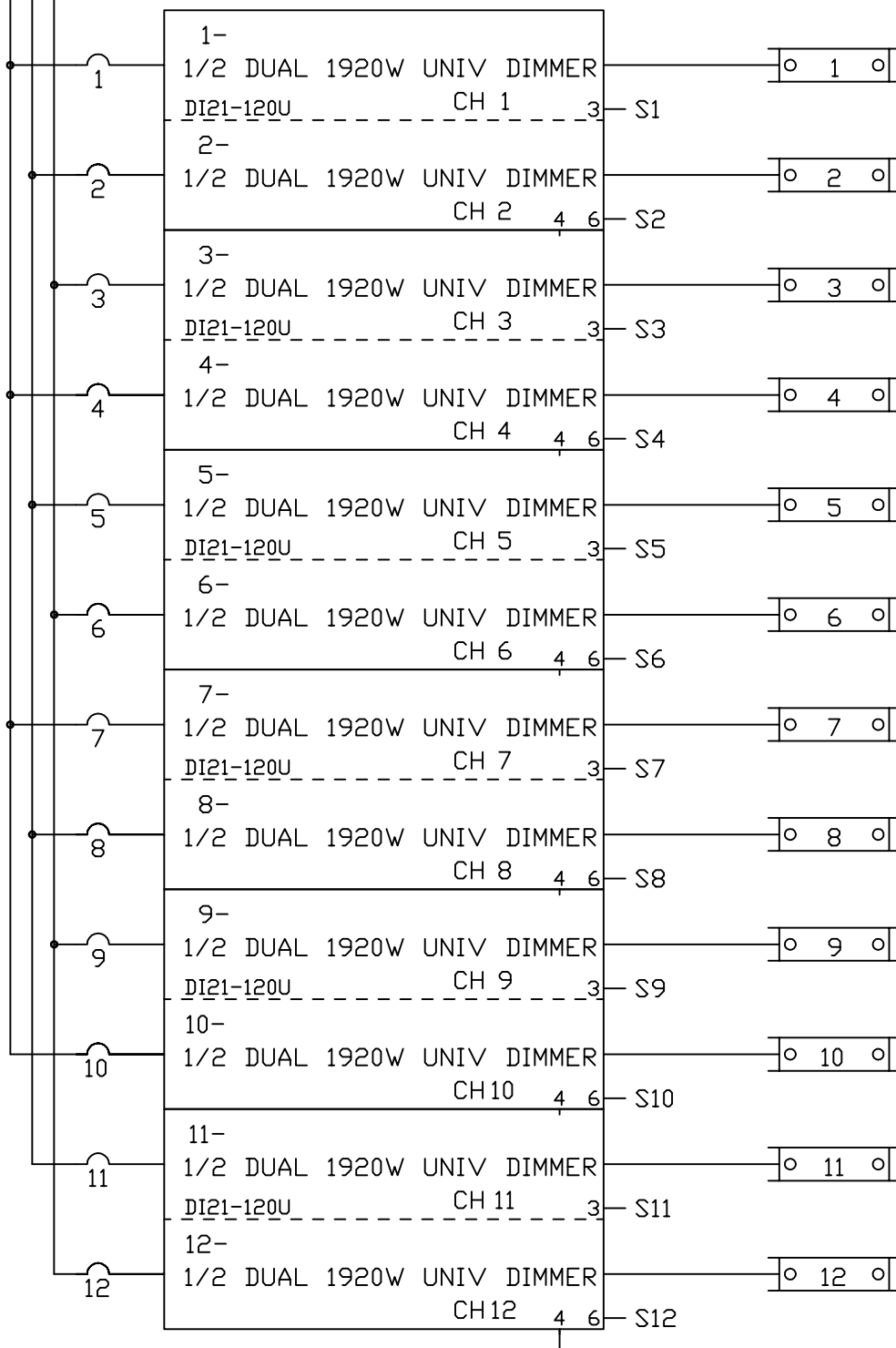
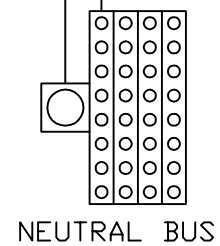
INCANDESCENT/LOW VOLTAGE CIRCUITS ARE DESIGNED
TO FEED 120V INCANDESCENT LOADS OR
MAGNETIC STEPDOWN TRANSFORMERS
[BY OTHERS] FOR LOW VOLTAGE LAMPS
NOTE: EACH STEPDOWN TRANSFORMER
PRIMARY SHOULD BE FUSED



INPUT 120/208VAC 3Ø4W 380 AMPS MAIN LUGS ONLY

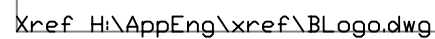
ALL BREAKERS 20A1P

20 AMP LOAD TERMINALS



REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE WIRING DIAGRAM
MODEL #
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 102
SHEET 1 OF 9

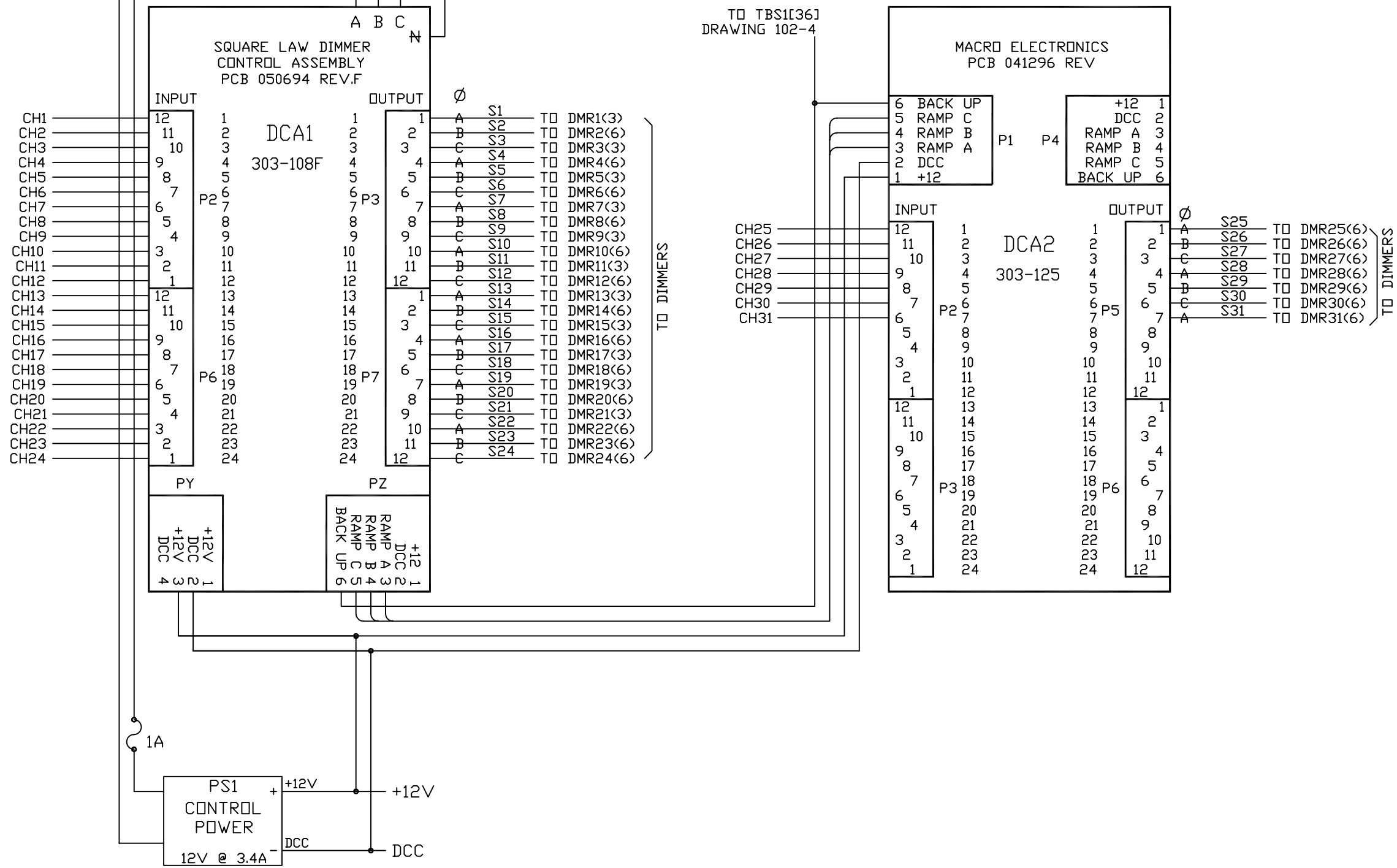
20 AMP LOAD TERMINALS



CONTINUED FROM DRAWING 102-2

ALL BREAKERS 20A1P

CONTINUED ON SHEET 102-7



REGIONAL MGR.
J. LAMONTAGNE

PROJECT MGR.
D. MILLER

PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
WIRING
DIAGRAM

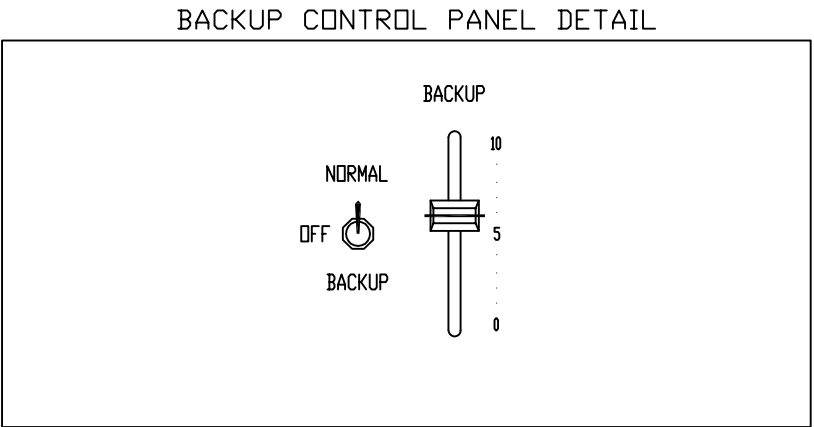
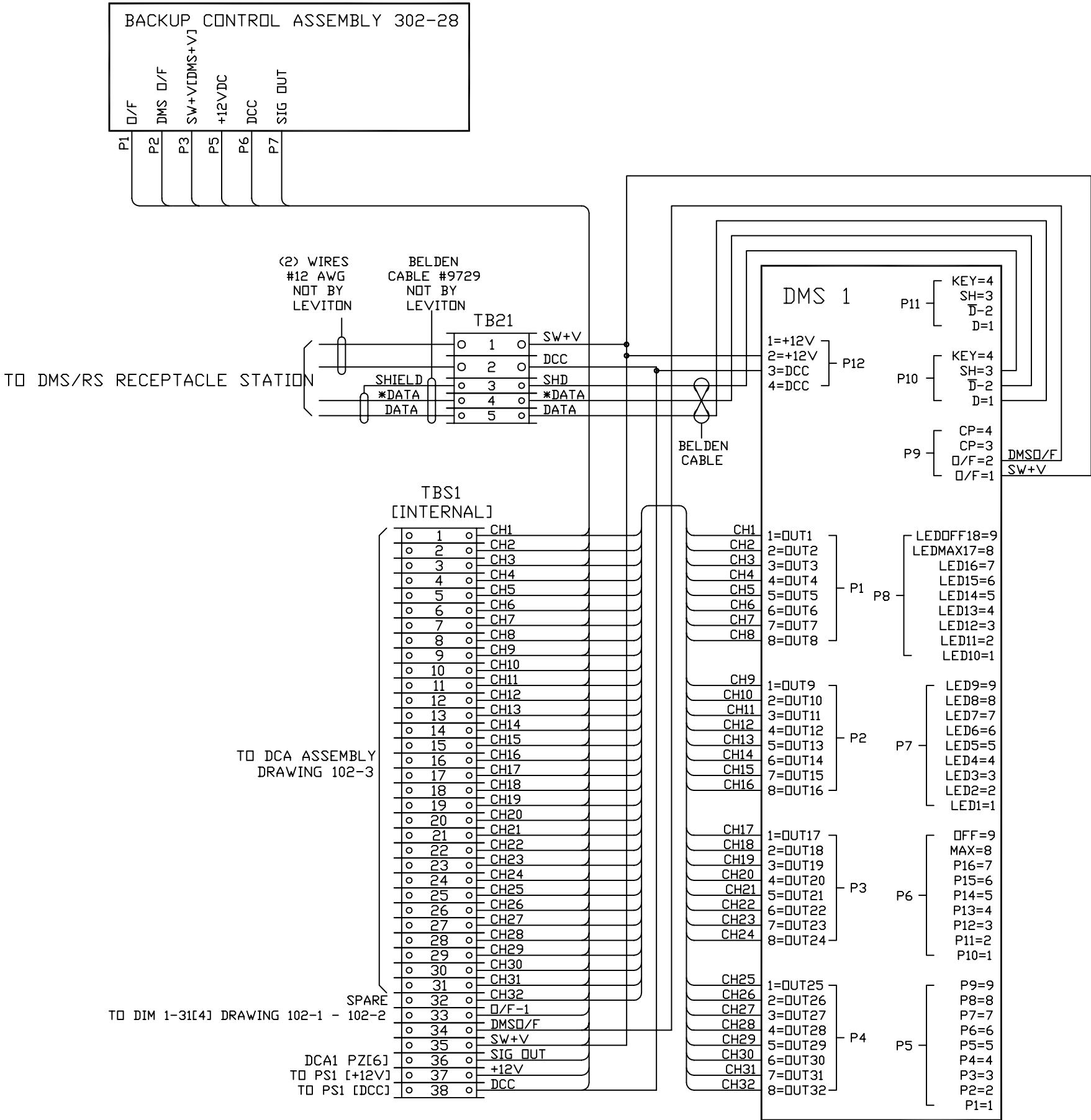
MODEL #

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

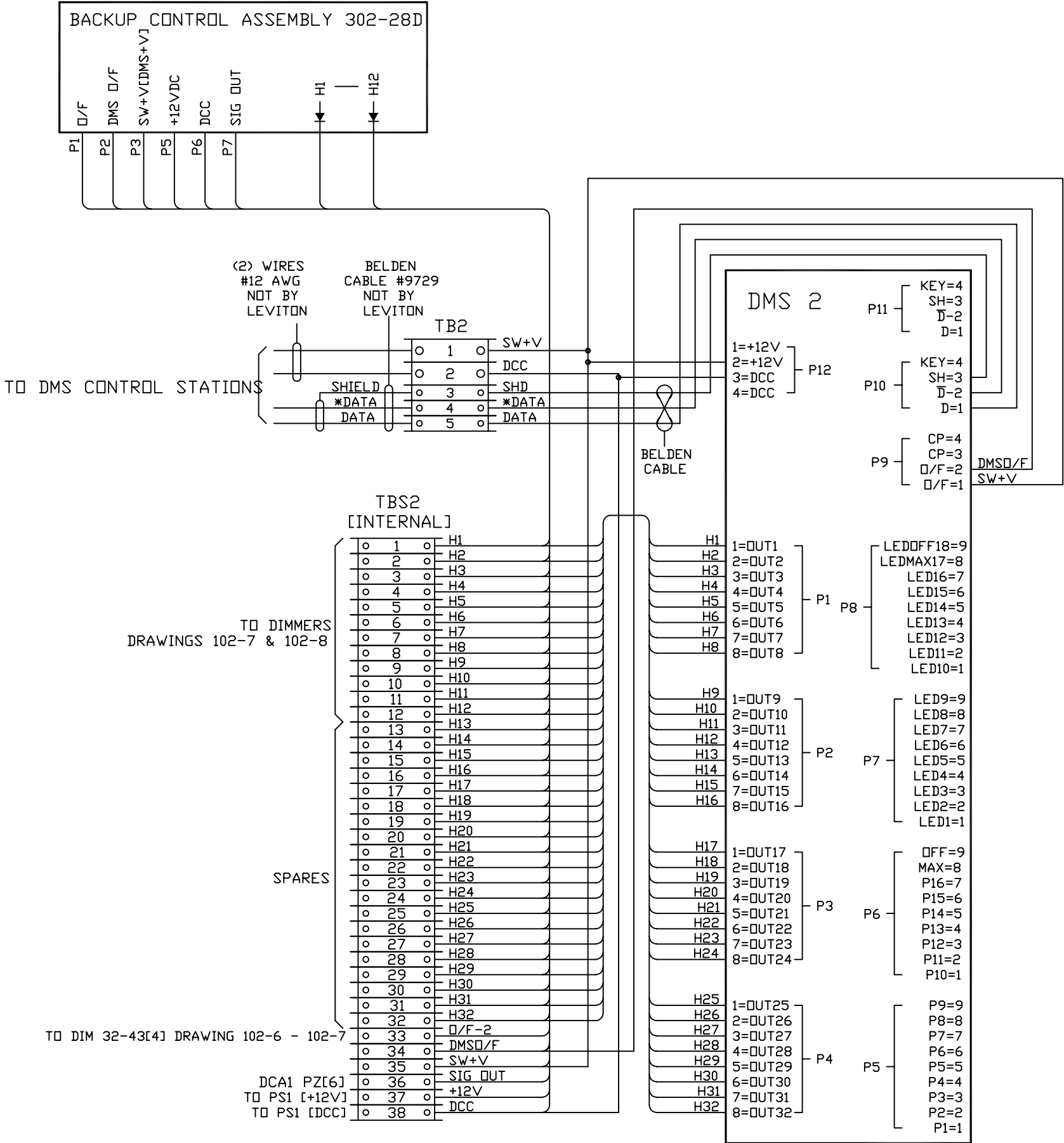
HAMDEN
CT

DWG/QUOTE NO.
S01258E- 102

SHEET
3 OF 9



REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE WIRING DIAGRAM
MODEL #
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 102
SHEET 4 OF 9



REGIONAL MGR.
J. LAMONTAGNE

PROJECT MGR.
D. MILLER

PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
WIRING
DIAGRAM

MODEL #

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

HAMDEN
CT

DWG/QUOTE NO.
S01258E- 102

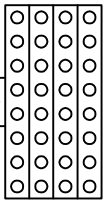
SHEET
5 OF 9

INPUT 277/480VAC 3Ø4W 310 AMPS MAIN LUGS ONLY

ALL BREAKERS 20A1P EH TYPE

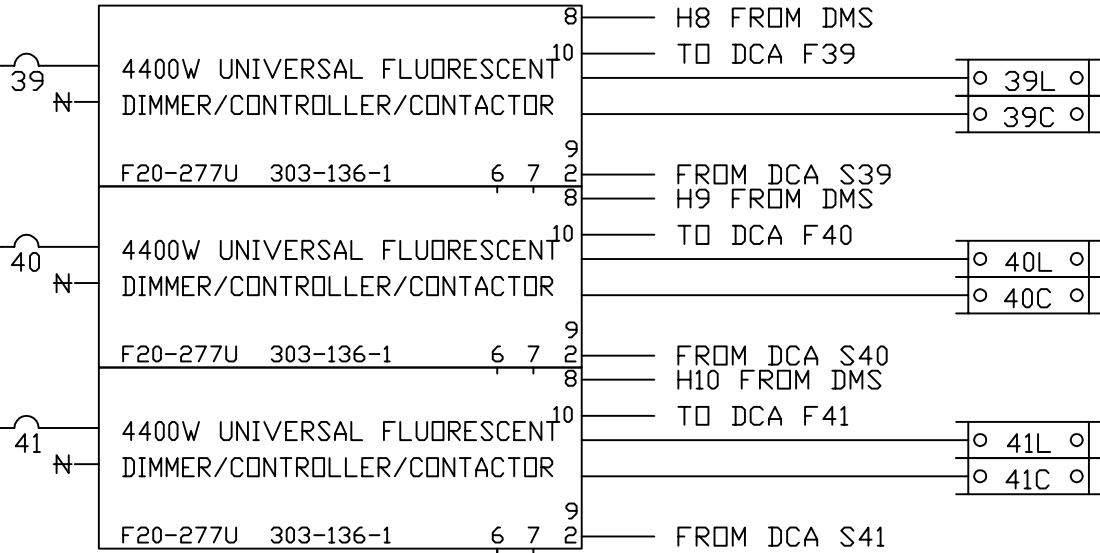
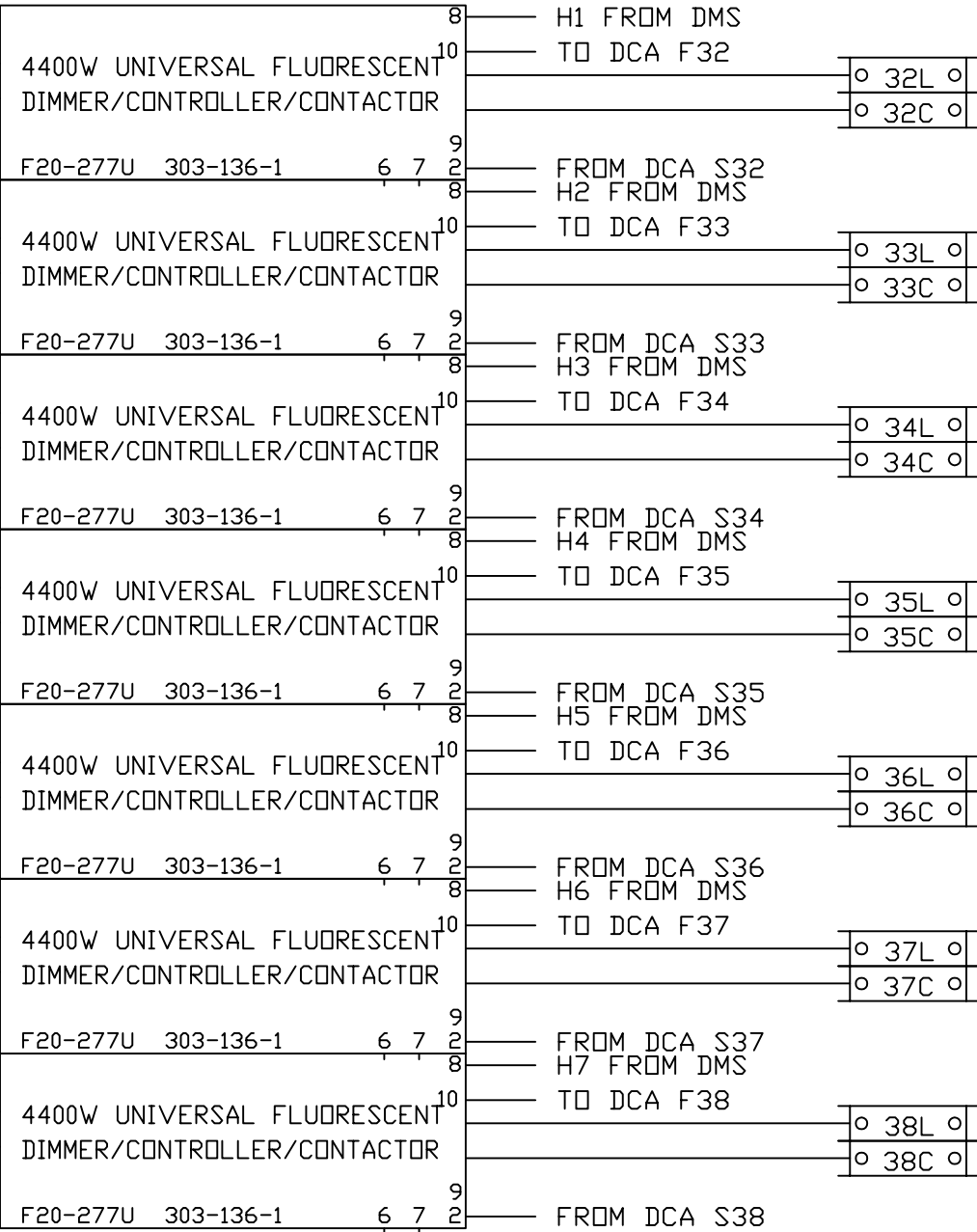
20 AMP LOAD TERMINALS

NEUTRAL BUS



CONTINUED ON
SHEET 102-7

BARRIER



REGIONAL MGR.
J. LAMONTAGNE

PROJECT MGR.
D. MILLER

PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
WIRING
DIAGRAM

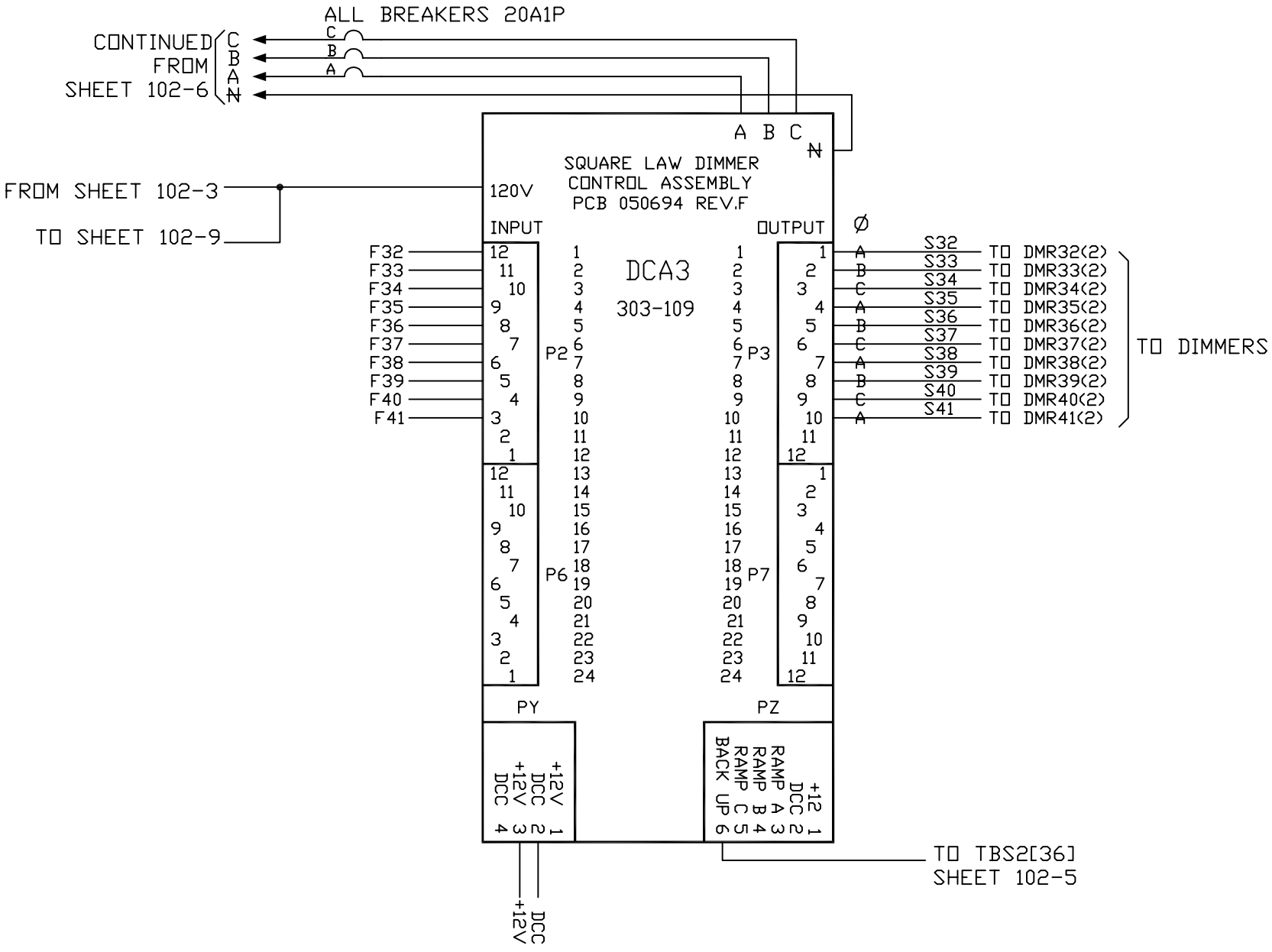
MODEL #

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

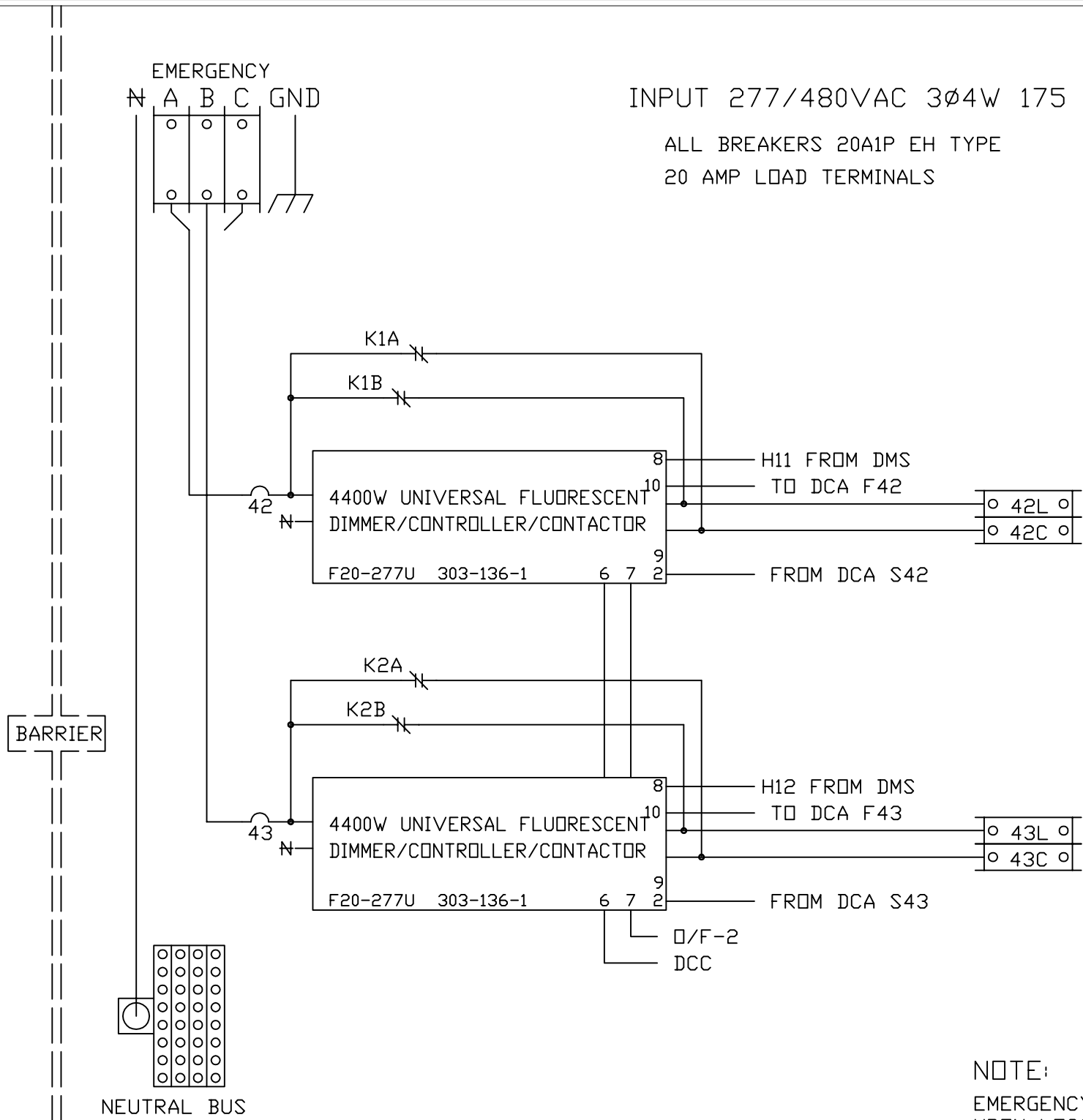
HAMDEN
CT

DWG/QUOTE NO.
S01258E- 102

SHEET
6 OF 9

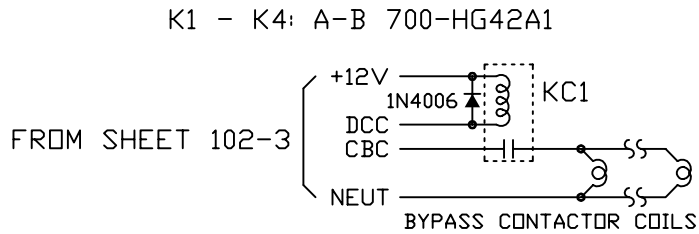


REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE WIRING DIAGRAM
MODEL #
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 102
SHEET 7 OF 9



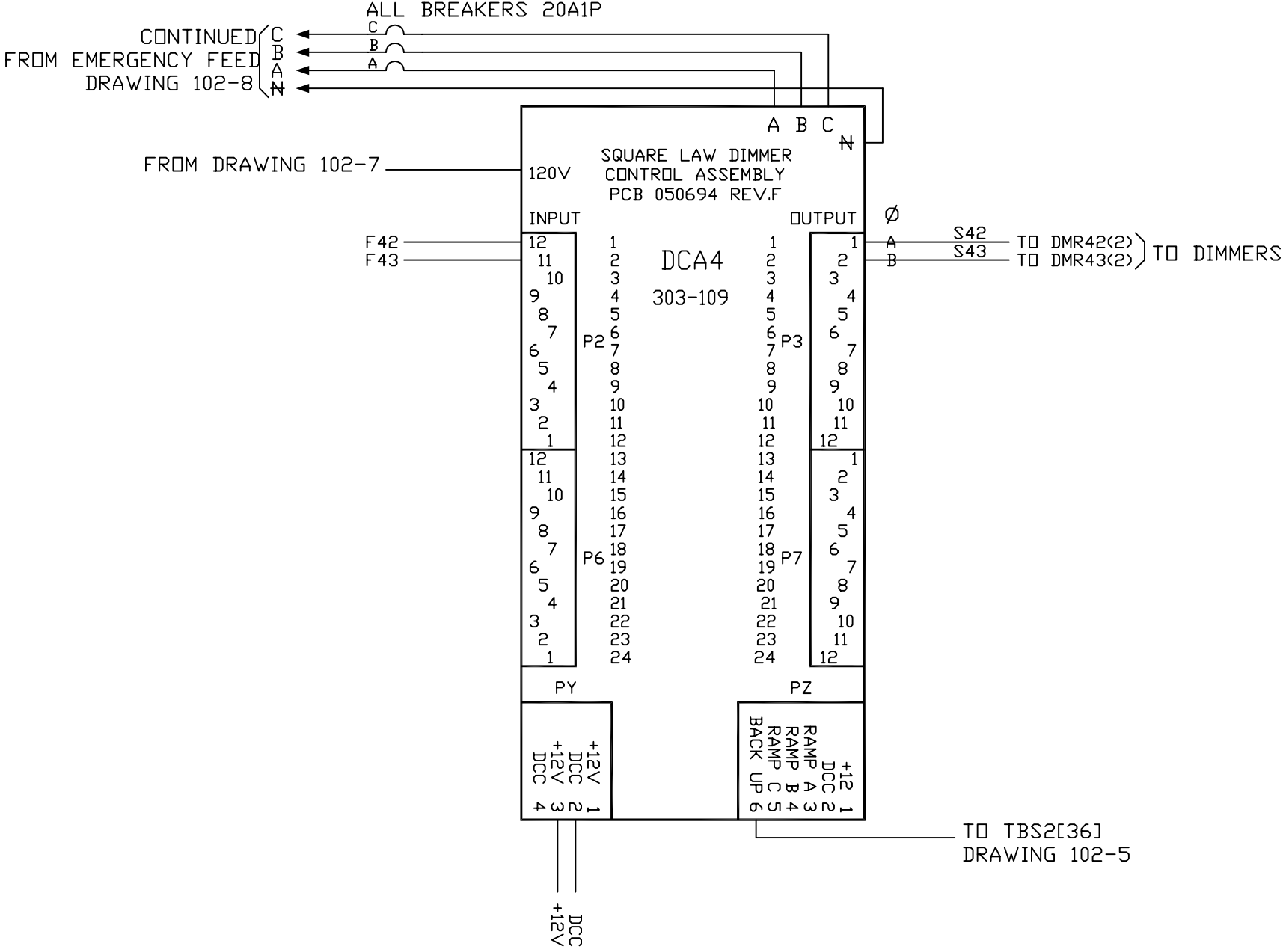
INPUT 277/480VAC 3Ø4W 175 AMPS MAIN LUGS ONLY

ALL BREAKERS 20A1P EH TYPE
20 AMP LOAD TERMINALS

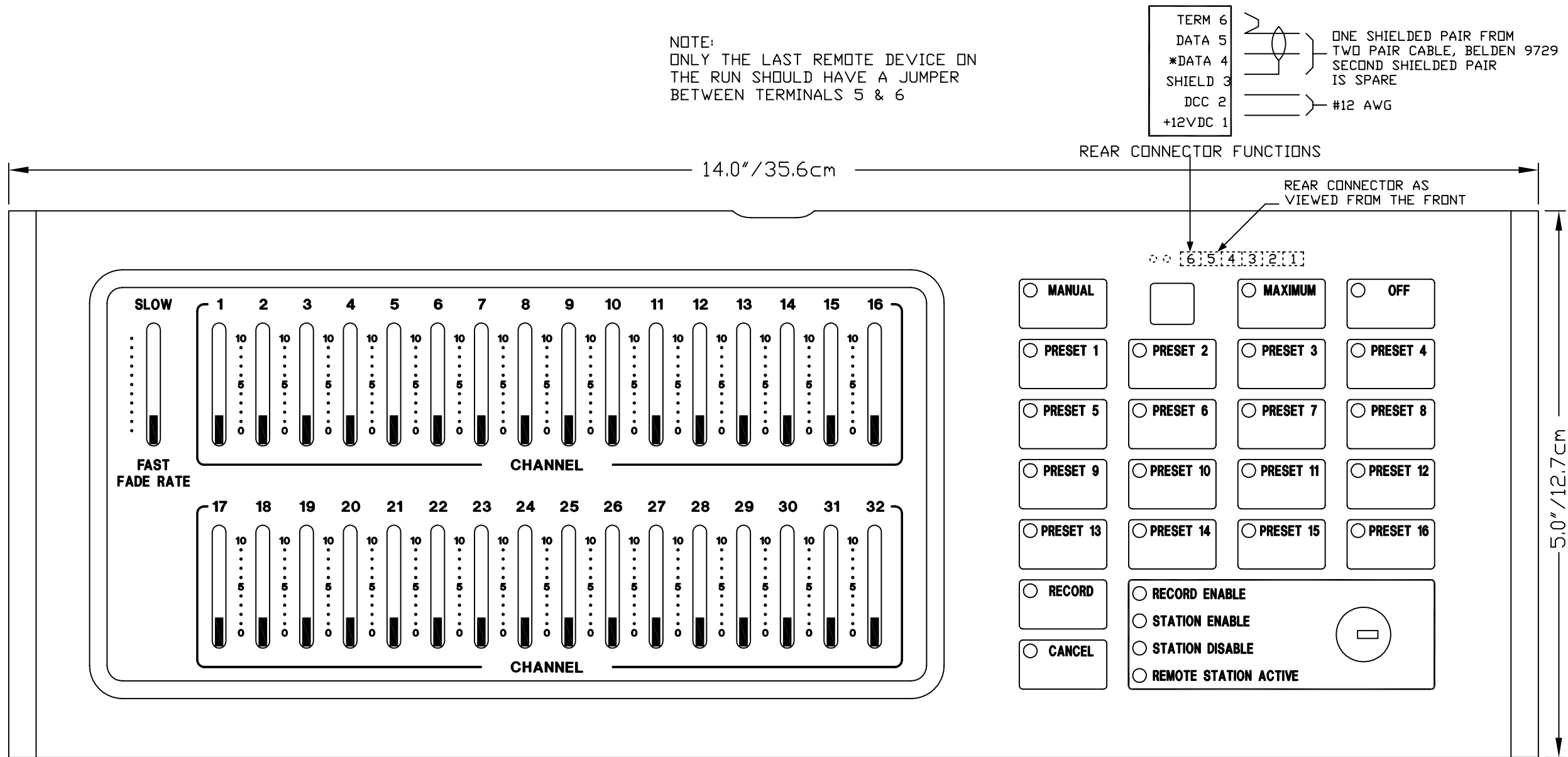


NOTE:
EMERGENCY BYPASS SYSTEM FUNCTIONS AS FOLLOWS:
UPON LOSS OF NORMAL POWER, THE EMERGENCY DIMMER BYPASS CONTACTORS AUTOMATICALLY PROVIDE A DIRECT PATH TO THE LIGHTING FIXTURES. WHEN EMERGENCY POWER COMES UP, THESE FIXTURES COME UP AT FULL INTENSITY, EXCLUSIVE OF ANY DIMMER OR CONTROL SETTINGS. UPON RETURN TO NORMAL POWER, THE DIMMERS AND CONTROLS ARE AUTOMATICALLY BROUGHT BACK INTO OPERATION. THIS CONTROL METHOD REQUIRES A NORMAL/EMERGENCY FEED TO THE EMERGENCY SECTION OF THE DIMMER BANK AND A NORMAL POWER FEED TO THE REST OF THE DIMMER BANK. IT ALSO ASSUMES THAT THERE IS A TRANSFER CONTACTOR, NOT BY LEVITON, UPSTREAM OF THE DIMMER BANK TO ACCOMPLISH THE "NORMAL/EMERGENCY" TRANSFER

REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE WIRING DIAGRAM
MODEL #
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 102
SHEET 8 OF 9



REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE WIRING DIAGRAM
MODEL #
PROJECT NEWTOWN ELEMENTARY SCHOOL HAMDEN CT
DWG/QUOTE NO. S01258E- 102
SHEET 9 OF 9



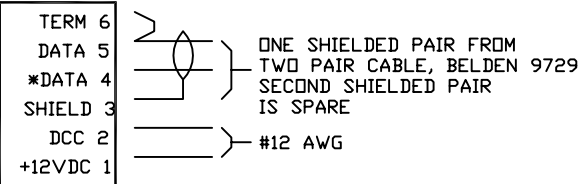
BACK BOX SIZE: 13.6"W X 4.6"H X 3.5"D
34.5cmW x 11.7cmH x 8.9cmD

- FURNISHED WITH BOTTOM HINGED DOOR
- DOOR IS NATURAL COLOR ANODIZED ALUMINUM WITH MATTE FINISH
- DOOR NOT SHOWN
- FRAME IS BLACK ANODIZED ALUMINUM WITH MATTE FINISH

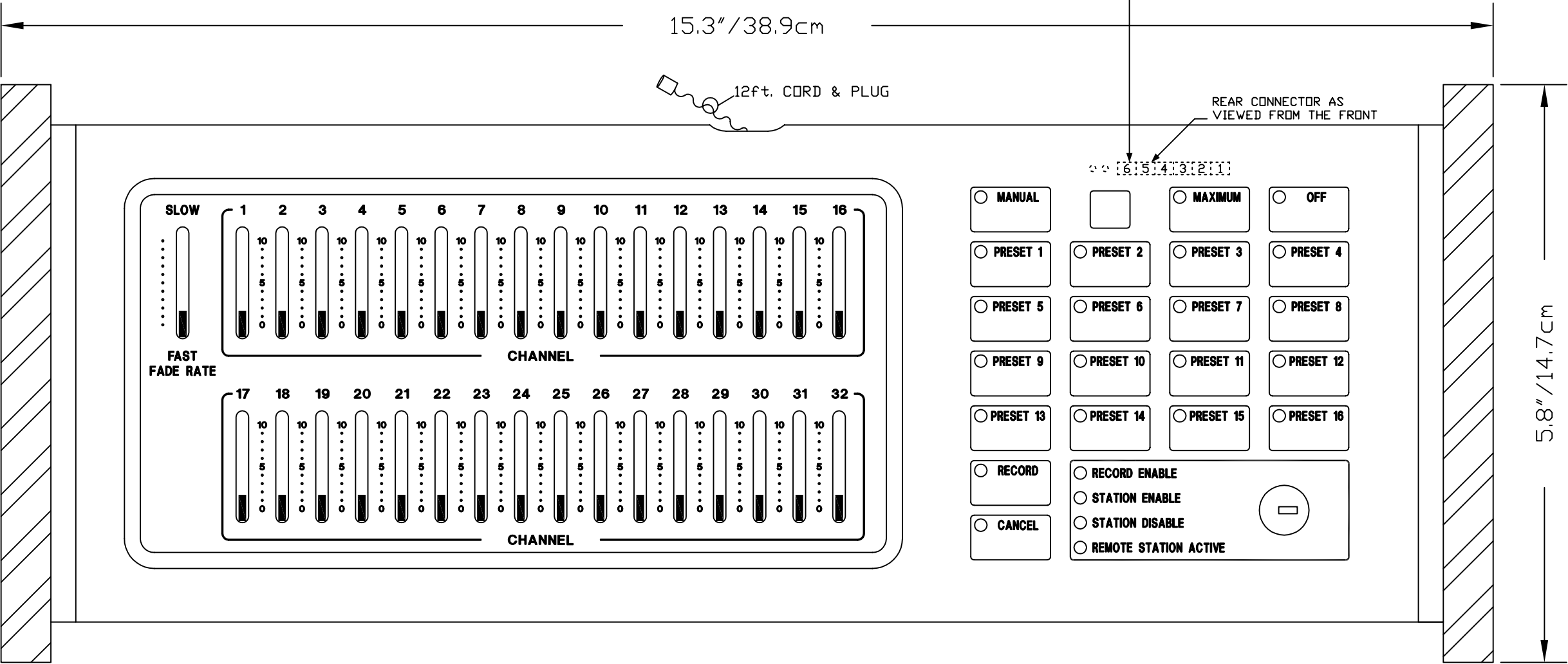
DMS16-32-C

REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE CONTROL DETAILS
MODEL # DMS16-32-C
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 103
SHEET 1 OF 1

NOTE:
ONLY THE LAST REMOTE DEVICE ON
THE RUN SHOULD HAVE A JUMPER
BETWEEN TERMINALS 5 & 6



REAR CONNECTOR FUNCTIONS



BACK BOX SIZE: 13.6"W X 4.6"H X 3.5"D
34.55cmW x 11.69cmH x 8.89cmD

- FRAME IS BLACK ANODIZED ALUMINUM WITH MATTE FINISH
- FURNISHED WITH STAINED WOOD END PANELS

DMS16-32-C-P

REGIONAL MGR.
J. LAMONTAGNE

PROJECT MGR.
D. MILLER

PROJECT ENG.
A. GRANO

STATUS
AS BUILT

DATE
10-14-02

SCALE
NONE

DIMENSION
INCHES

REVISION
X

TITLE
CONTROL
DETAILS

MODEL #
DMS16-32-C-P

PROJECT
NEWTOWN
ELEMENTARY
SCHOOL

HAMDEN
CT

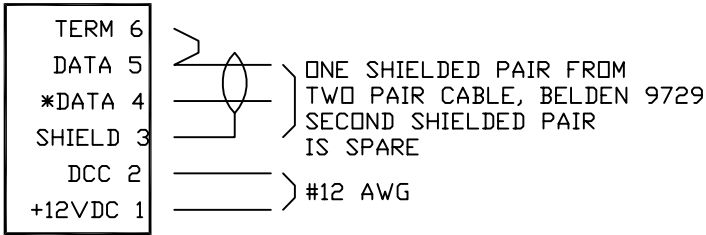
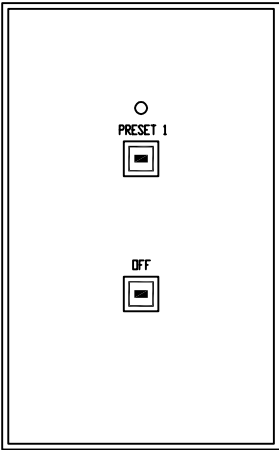
DWG/QUOTE NO.
S01258E- 104

SHEET
1 OF 1

PLATE IS GRAIN SANDED NATURAL
COLOR ANODIZED ALUMINUM
DELUXE SCREWLESS FINISH
LEGENDS SILK SCREENED IN BLACK ENAMEL

PRE-1D CONTROL STATION
FLUSH MOUNTS IN 3.5"D BACKBOX
USE STEEL CITY 1 GANG #GW135G
OR RACO 1 GANG #695
(BACKBOX NOT BY LEVITON)

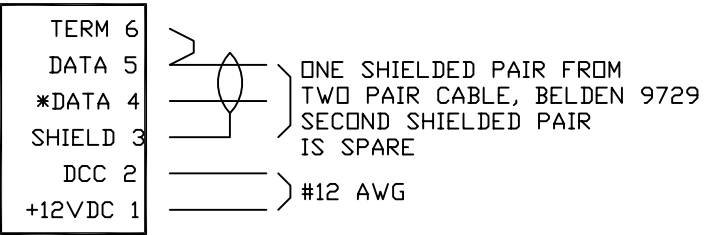
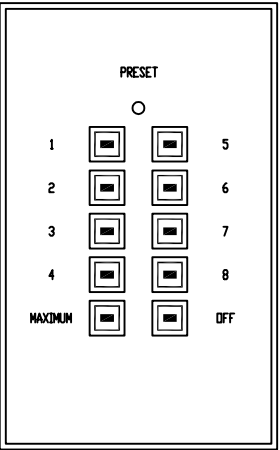
(1) STATION SHOWN
(2) STATIONS FURNISHED



NOTE:
ONLY THE LAST REMOTE DEVICE ON
THE RUN SHOULD HAVE A JUMPER
BETWEEN TERMINALS 5 & 6

PLATE IS GRAIN SANDED NATURAL
COLOR ANODIZED ALUMINUM
DELUXE SCREWLESS FINISH
LEGENDS SILK SCREENED IN BLACK ENAMEL

PRE-8MD CONTROL STATION
FLUSH MOUNTS IN 3.5"D BACKBOX
USE STEEL CITY 1 GANG #GW135G
OR RACO 1 GANG #695
(BACKBOX NOT BY LEVITON)



NOTE:
ONLY THE LAST REMOTE DEVICE ON
THE RUN SHOULD HAVE A JUMPER
BETWEEN TERMINALS 5 & 6

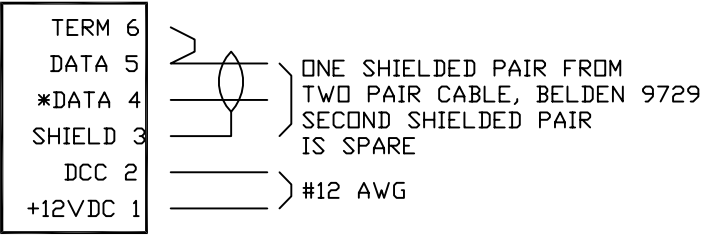
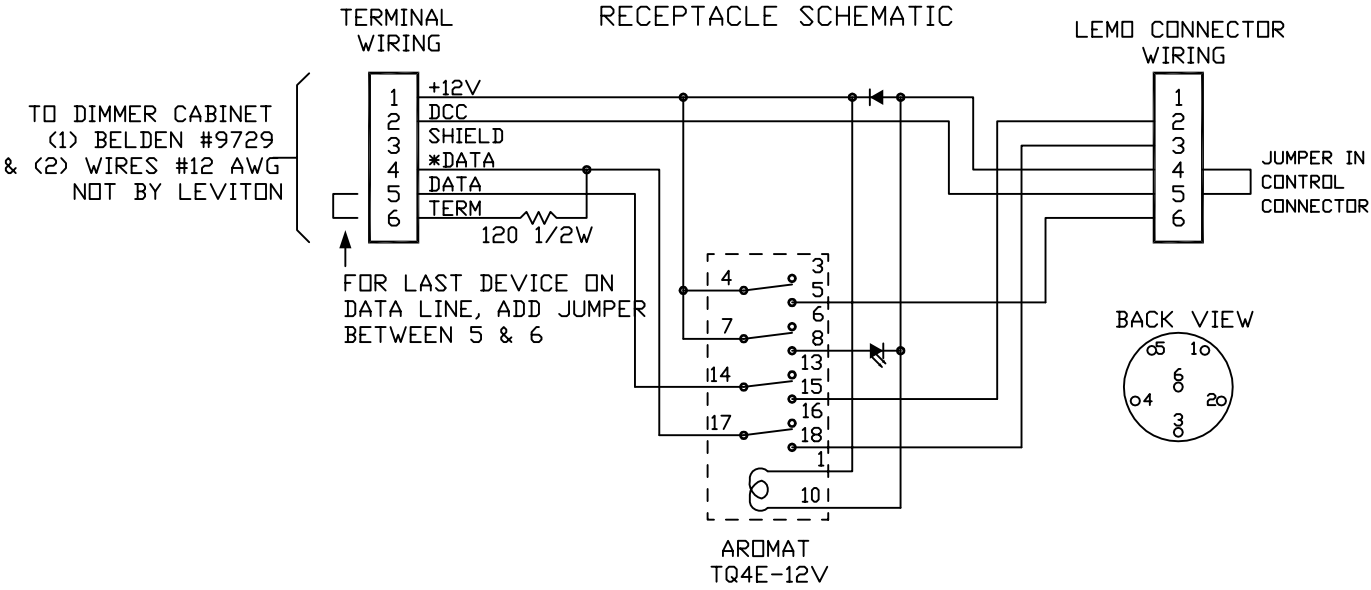
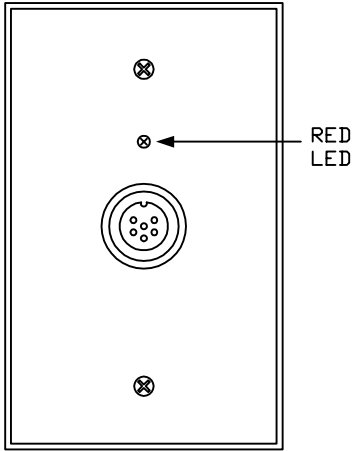
REGIONAL MGR.
J. LAMONTAGNE
PROJECT MGR.
D. MILLER
PROJECT ENG.
A. GRANO

STATUS
AS BUILT
DATE
10-14-02
SCALE
NONE
DIMENSION
INCHES
REVISION
X

TITLE
CONTROL
DETAILS
MODEL #
PROJECT
NEWTOWN
ELEMENTARY
SCHOOL
HAMDEN
CT

DWG/QUOTE NO.
S01258E- 105
SHEET
1 OF 1

DMS/RS RECEPTACLE STATION
FLUSH MOUNTS IN 3.5"D BACKBOX
USE STEEL CITY 1 GANG #GW135G
OR RACO 1 GANG #695
(BACKBOX NOT BY LEVITON)



NOTE:
ONLY THE LAST REMOTE DEVICE ON
THE RUN SHOULD HAVE A JUMPER
BETWEEN TERMINALS 5 & 6

REGIONAL MGR. J. LAMONTAGNE
PROJECT MGR. D. MILLER
PROJECT ENG. A. GRANO
STATUS AS BUILT
DATE 10-14-02
SCALE NONE
DIMENSION INCHES
REVISION X
TITLE CONTROL DETAILS
MODEL # DMS/RS
PROJECT NEWTOWN ELEMENTARY SCHOOL
HAMDEN CT
DWG/QUOTE NO. S01258E- 106
SHEET 1 OF 1