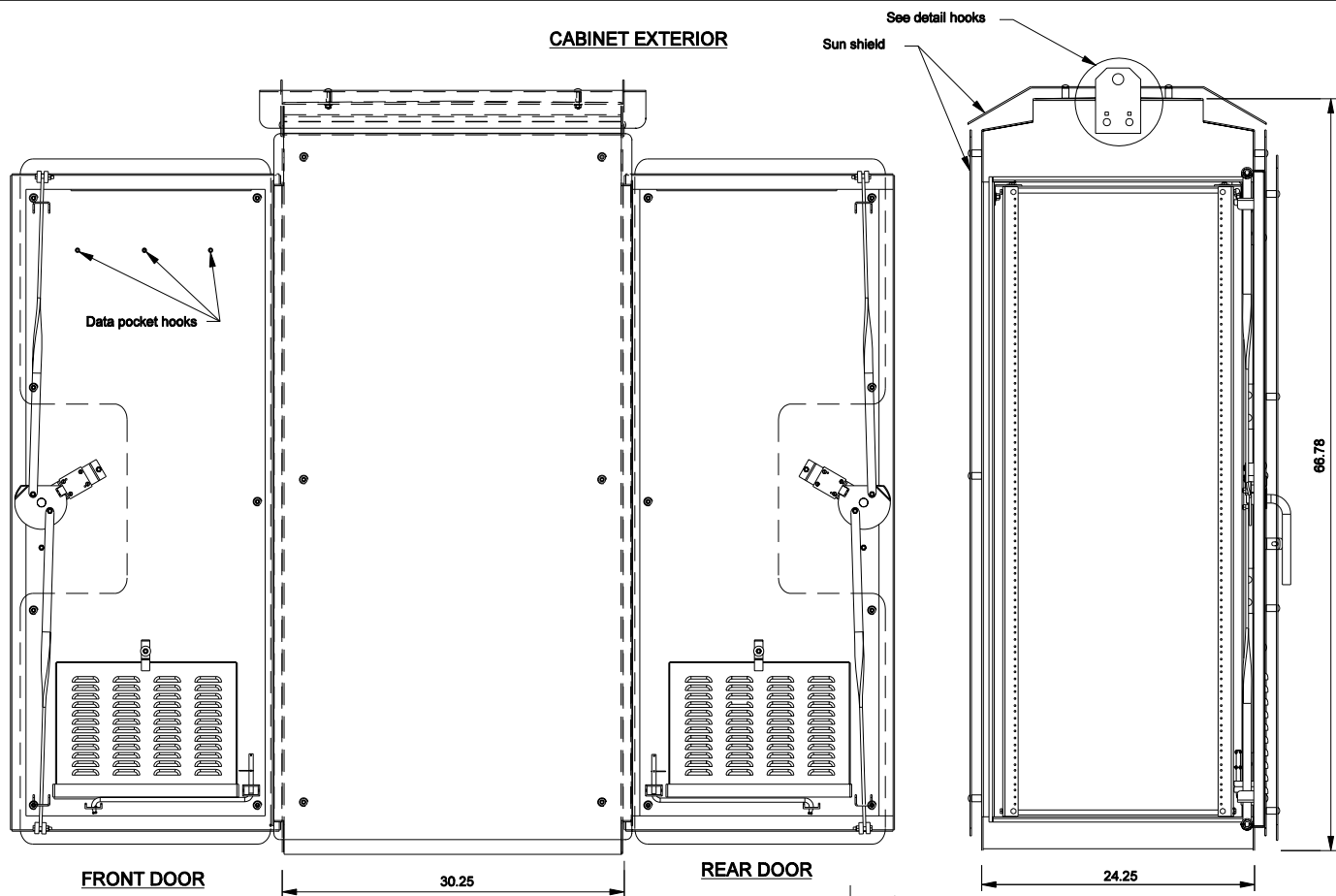
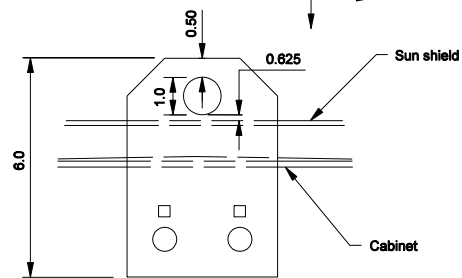
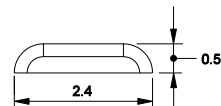


CABINET EXTERIOR



NOTES:

1. See Standard Drawings E 809-ITCS-01A thru -07 for additional ITS cabinet details.



REAR VIEW WITH DOOR OPEN

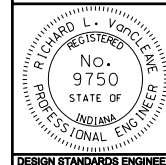
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET DETAIL

MARCH 2006

STANDARD DRAWING NO. E 809-ITSC-01

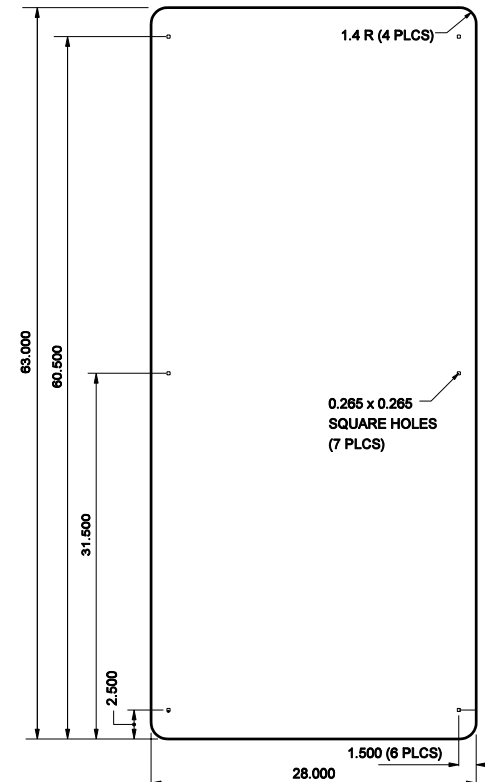
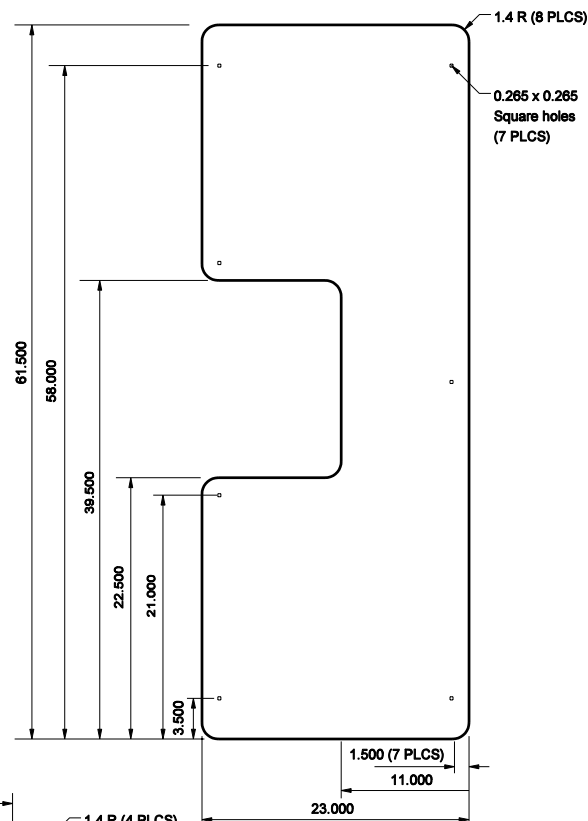


/s/ Richard L. VanCleave	3-01-06
DESIGN STANDARDS ENGINEER	DATE
/s/ Richard K. Smutzer	3-01-06
CHIEF HIGHWAY ENGINEER	DATE

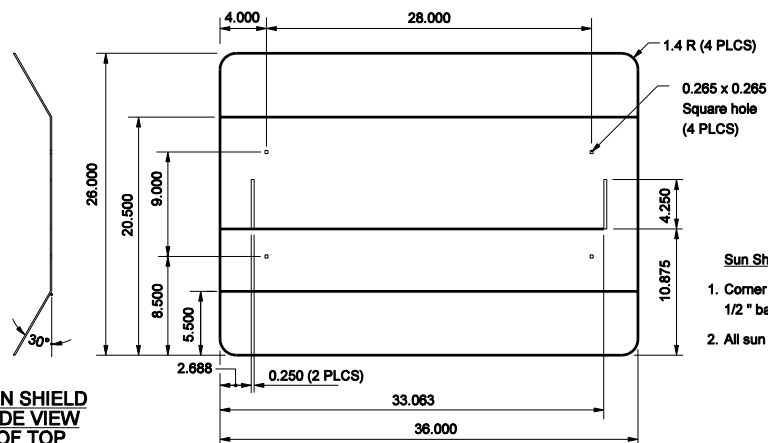
DESIGN STANDARDS ENGINEER

NOTES:

1. See Standard Drawings E 809-ITCS-01 or 02 thru -07 for additional ITS cabinet details.



SUN SHIELD SIDE



SUN SHIELD TOP VIEW

Sun Shield Notes:

1. Corner cuts are 45-degree cuts, 1/2" back
2. All sun shield shall use a 1" spacer

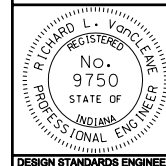
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET DETAIL

MARCH 2006

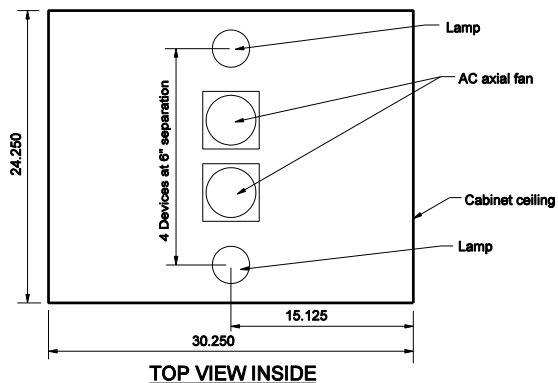
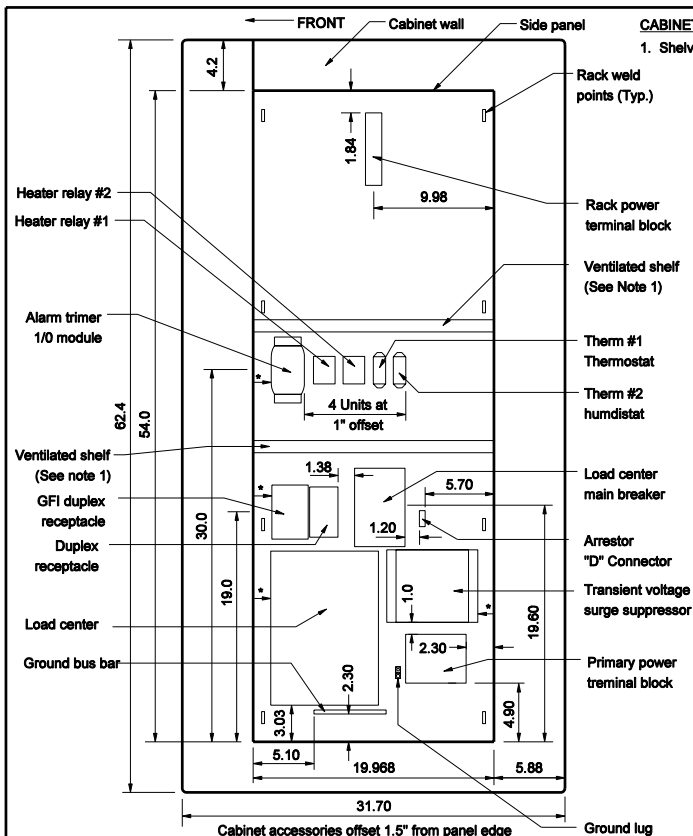
STANDARD DRAWING NO. E 809-ITSC-01A



/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

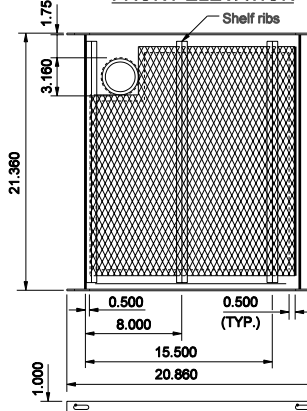
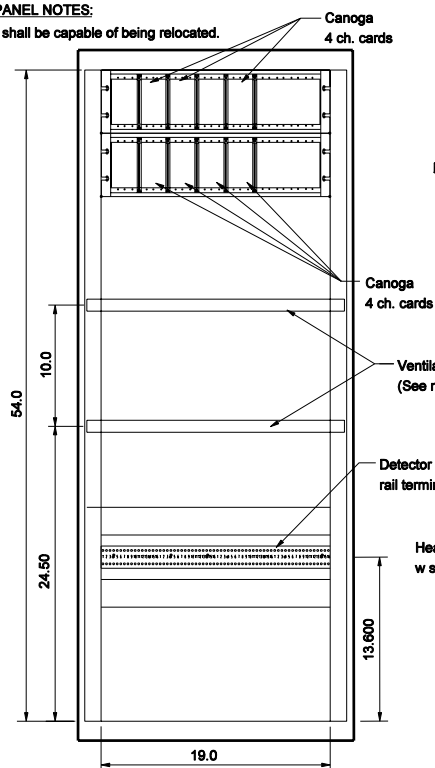
/s/ Richard K. Smutzer 3-01-06
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER



CABINET PANEL NOTES:

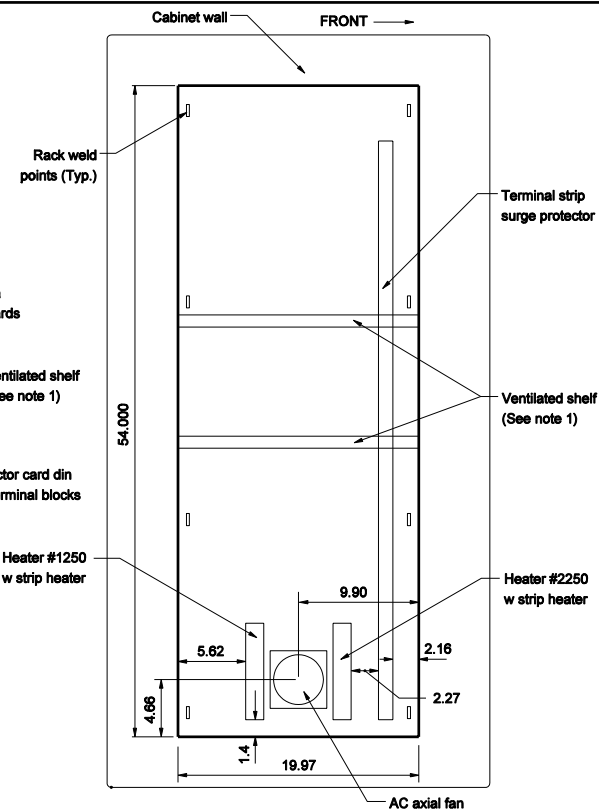
1. Shelves shall be capable of being relocated.



VENTILATED SHELF NOTES:

1. Tack weld screen to bottom of shelf.
2. Tack weld ribs over screen to bottom of shelf in locations shown.
3. Press bushing in from top of shelf.

4. Material Notes:
Shelf frame-0.125 alum.
screen-0.125 expanded alum.w/0.5" mesh
ribs - 0.125 x 0.625 x 0.625 alum. angle



NOTES:

1. See Standard Drawings E 809-ITCS-01, -01A or -03 thru -07 for additional ITS cabinet details.

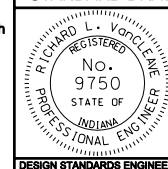
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET SCHEMATIC

MARCH 2006

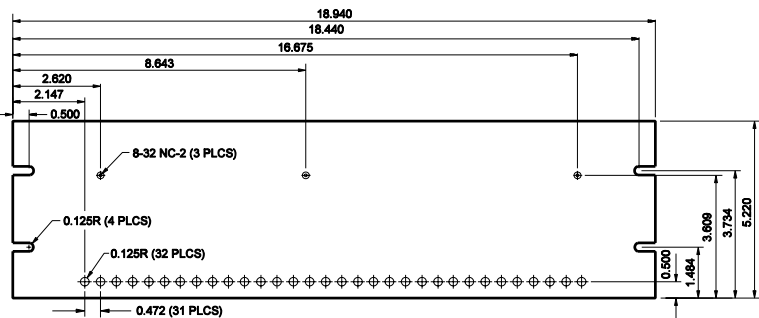
STANDARD DRAWING NO. E 809-ITSC-02



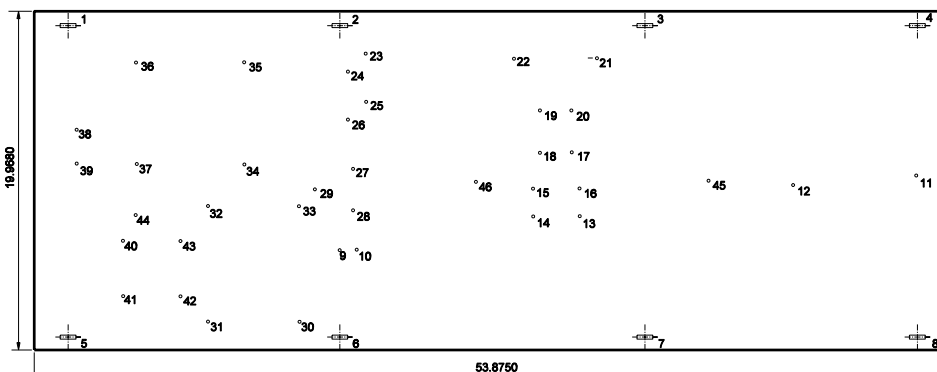
/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-06
CHIEF HIGHWAY ENGINEER DATE

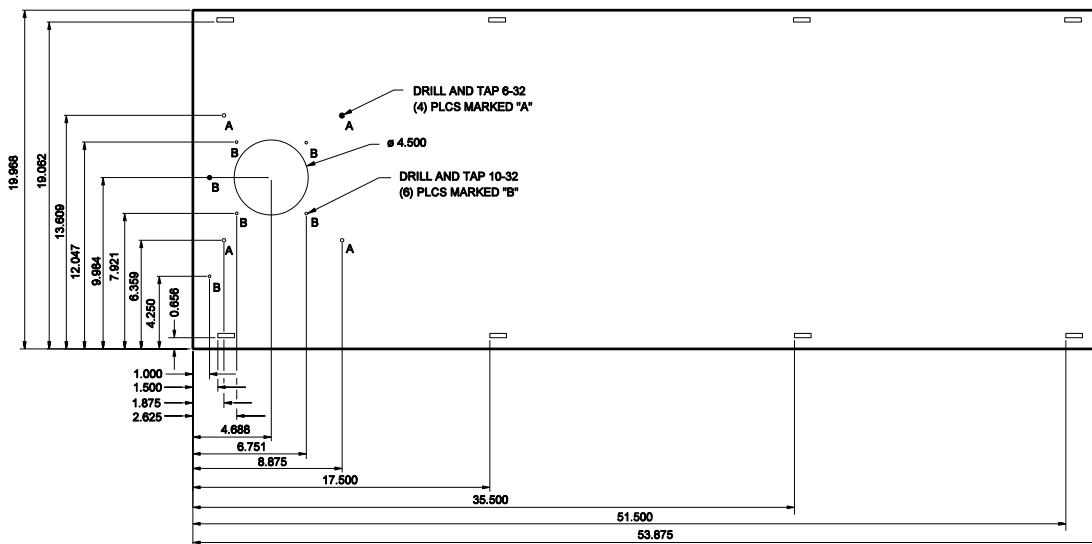
DESIGN STANDARDS ENGINEER



DETECTOR CARD DIN RAIL DETAIL



POWER DISTRIBUTION PANEL PUNCH OUT DETAIL



HEATER PANEL PUNCH OUT DETAILS

NOTES:

- See Standard Drawings E 809-ITCS-01 thru -02 or -03 thru -07 for additional ITS cabinet details.

No	X	Y	SIZE
1	2.000	19.187	0.25 x 1.00 SLOT
2	18.000		
3	36.000		
4	52.000	19.187	
5	2.000	0.781	
6	18.000		
7	36.000		
8	52.000	0.781	0.25 x 1.00 SLOT
9	18.000	6.000	0.125 DIA
10	18.000	6.000	0.125 DIA
11	52.000	10.234	8-32 NC-2
12	44.888	9.734	
13	32.180	7.950	
14	29.430	7.950	
15	29.430	9.800	
16	32.180	9.800	
17	31.740	11.708	
18	29.870	11.708	
19	29.870	14.175	
20	31.740	14.175	
21	33.250	17.234	
22	28.375	17.234	8-32 NC-2

No	X	Y	SIZE
23	19.585	17.540	10-32 NC-2
24	18.522	16.478	
25	19.585	14.728	
26	18.522	13.665	
27	18.803	10.736	
28	18.803	8.336	
29	16.553	9.536	
30	15.608	1.750	
31	10.250	1.750	
32	10.250	8.550	
33	15.608	8.550	
34	12.428	11.000	
35	12.428	17.000	
36	6.053	17.000	
37	6.053	11.000	
38	2.500	13.000	
39	2.500	11.000	
40	5.250	6.500	
41	5.250	3.250	
42	8.625	3.250	
43	8.625	6.500	
44	6.000	8.000	10-32 NC-2
45	39.750	10.000	8-32 NC-2
46	28.000	10.000	8-32 NC-2

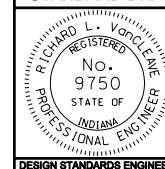
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

CABINET PUNCH OUT DETAILS

MARCH 2006

STANDARD DRAWING NO. E 809-ITSC-03



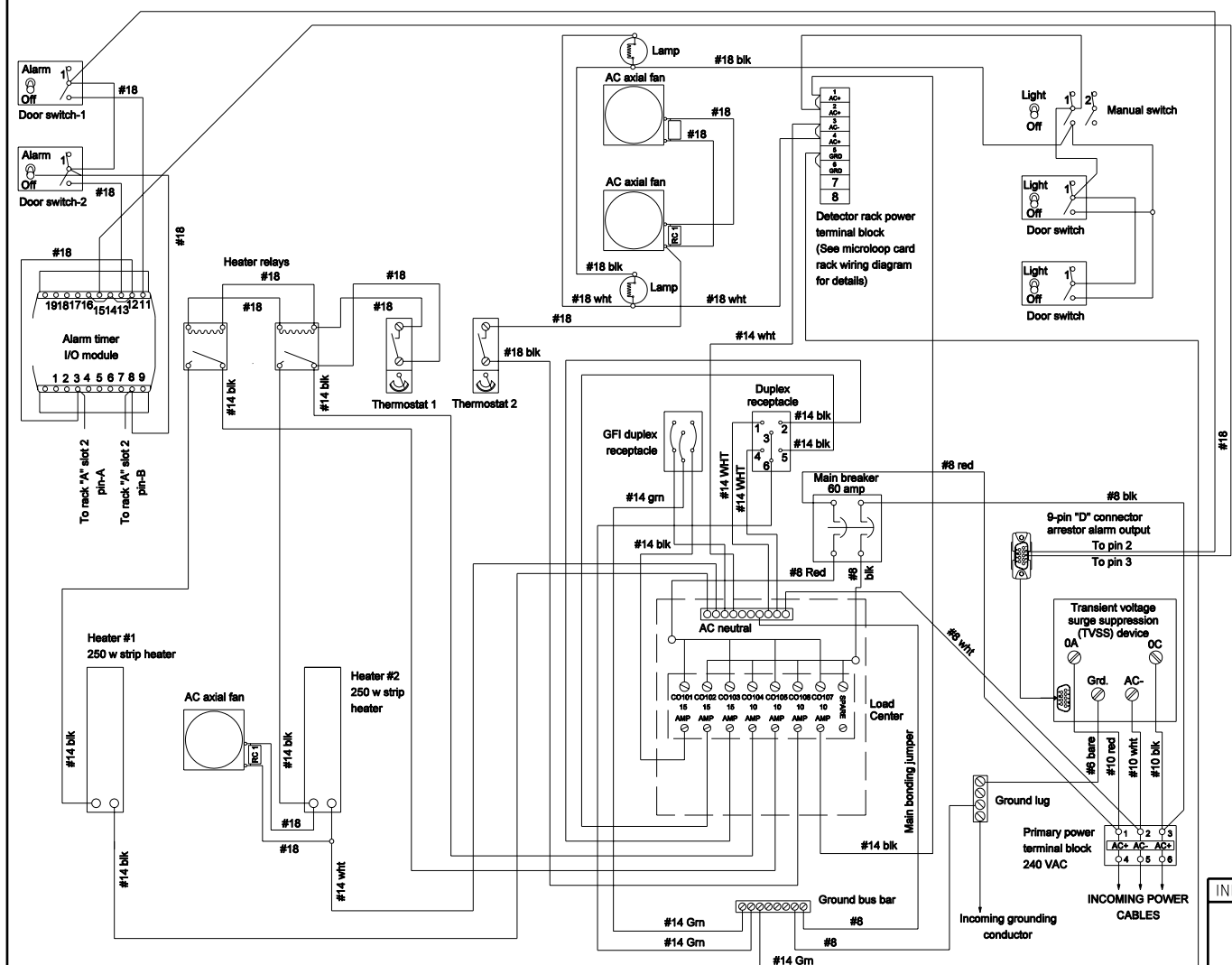
/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-06
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

NOTES:

1. See Standard Drawings E 809-ITCS-01 thru -03 or -05 thru -07 for additional ITS cabinet details.
2. Minimum wire diameter indicated on connections between components.

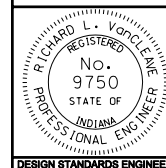


INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET SCHEMATIC

MARCH 2006

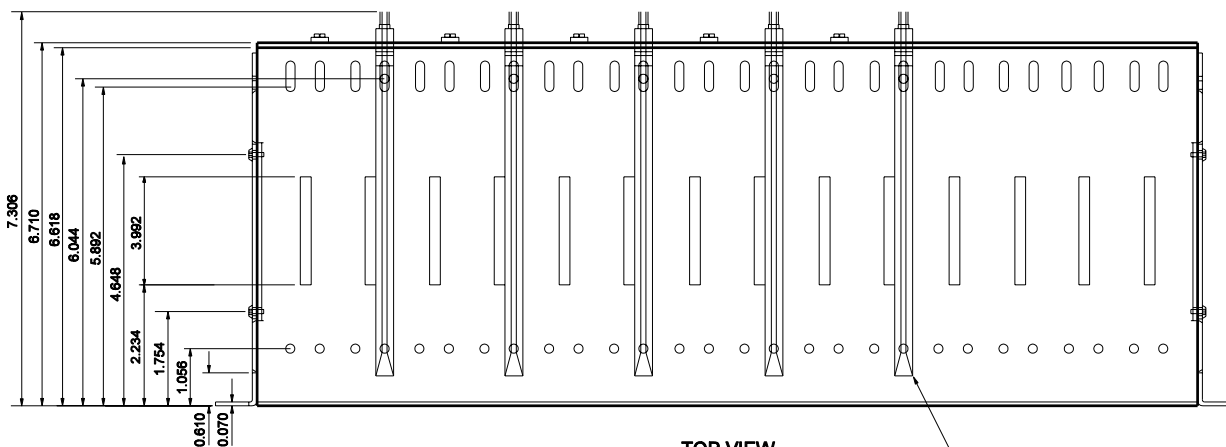
STANDARD DRAWING NO. E 809-ITSC-04



/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

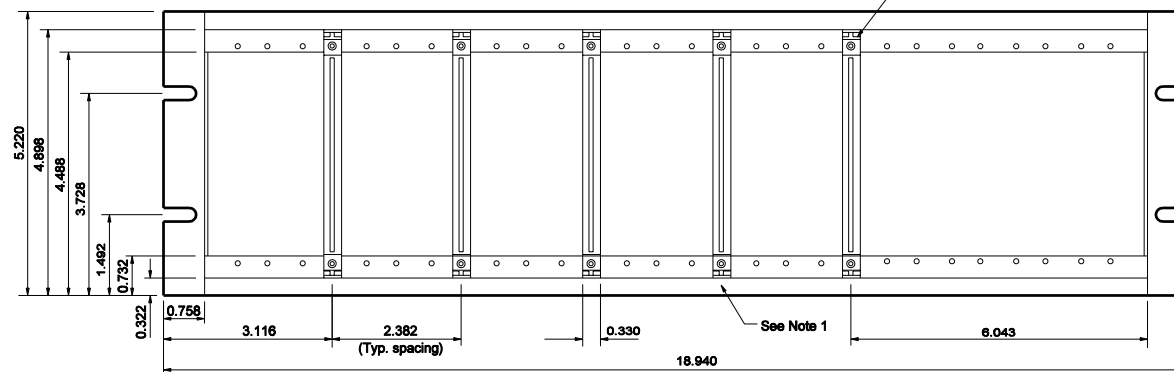
/s/ Richard K. Smutzer 3-01-06
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER



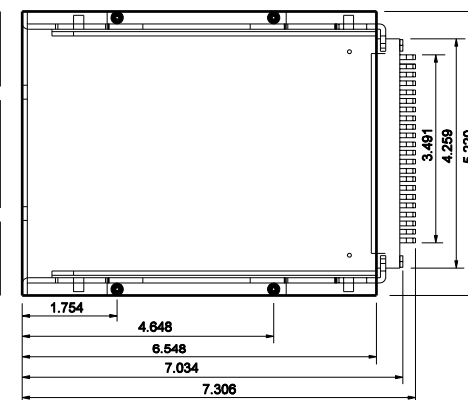
TOP VIEW

See Note 2



FRONT VIEW

See Note 1



SIDE VIEW

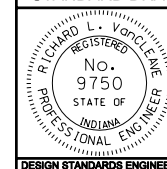
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

DETECTOR CARD RACK DETAIL

MARCH 2006

STANDARD DRAWING NO. E 809-ITSC-05

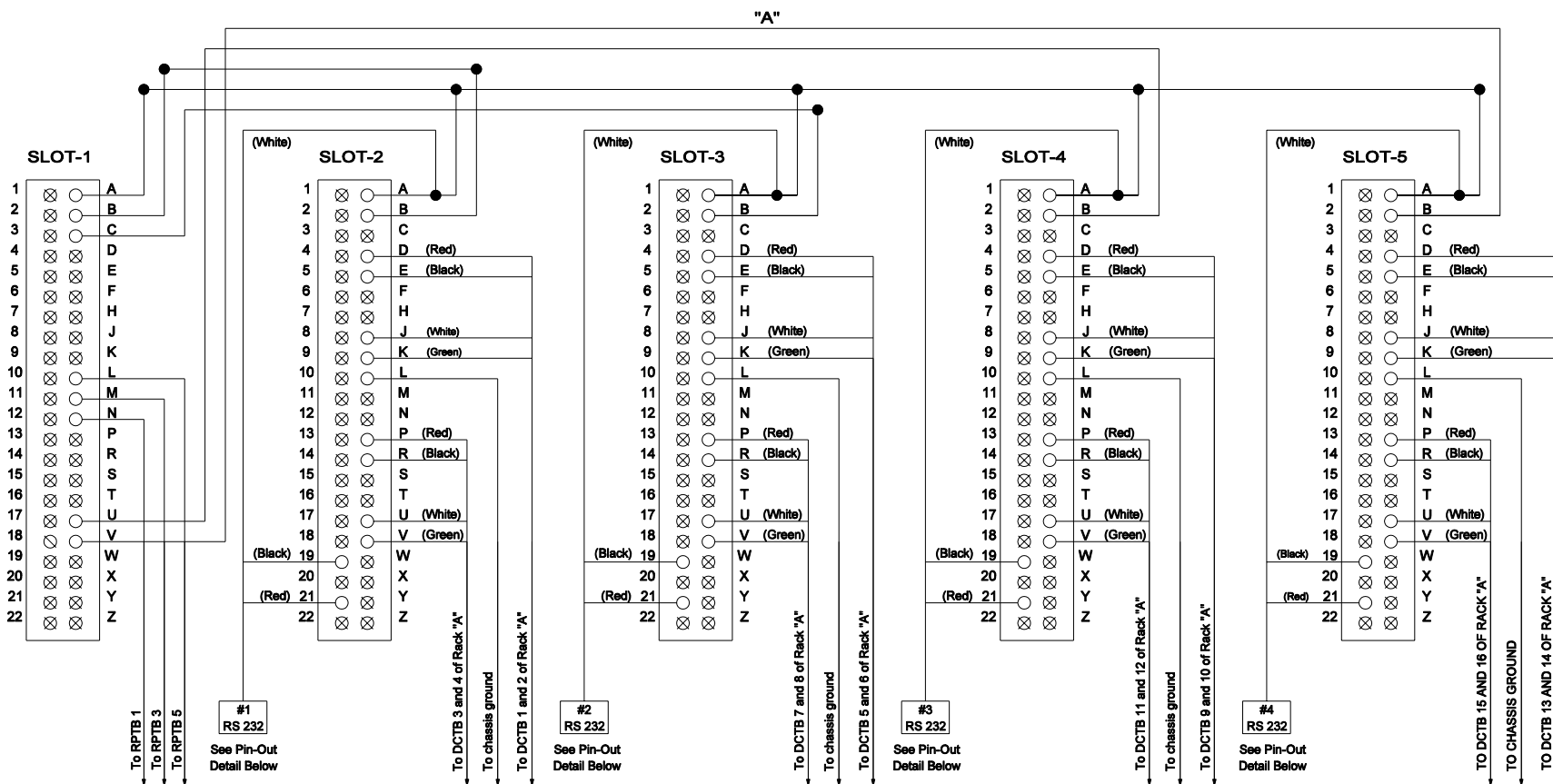


/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-06
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

- NOTES:
1. Apply marker tape to front lip of input file chassis, top and bottom.
 2. Card guides must line up with edge card connectors.
 3. No card guide keys are to be installed in this assembly.
 4. Depth does not include wiring.
 5. See Standard Drawings E 809-ITCS-01 thru -04 or -06 thru -07 for additional ITS cabinet details.



PINS ON BACK OF CARD RACKGROUP "A" SHOWN. 4-SLOT RACK GROUPS "B", "C", "D" NOT SHOWN.

NOTES:

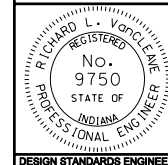
- See Standard Drawings E 809-ITCS-01 thru-05 or -06A and -07 for additional ITS cabinet details.

INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET MICROLOOP CARD RACK WIRING DIAGRAM

MARCH 2006

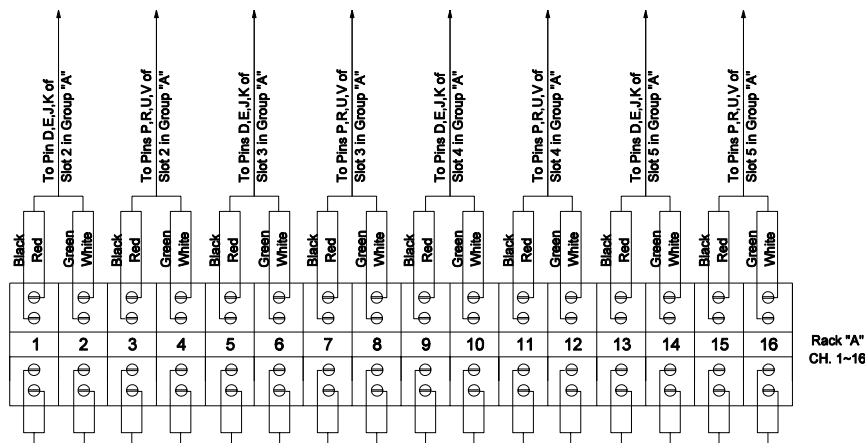
STANDARD DRAWING NO. E 809-ITSC-06



/s/ Richard L. VanCleave 3-01-06
DESIGN STANDARDS ENGINEER DATE

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CHIEF HIGHWAY ENGINEER DATE

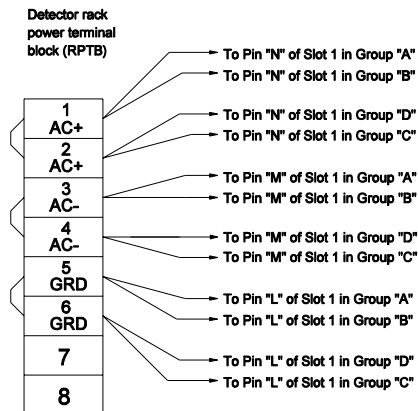
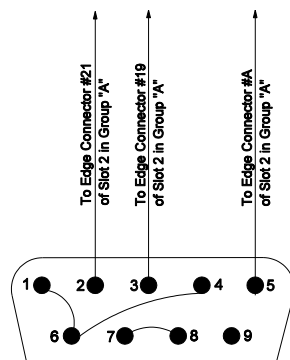
DESIGN STANDARDS ENGINEER



SEE SITE SPECIFIC DRAWINGS FOR CONNECTION OF FIELD WIRES TO TERMINAL BLOCK

DETECTOR CARD DIN RAIL
TERMINAL BLOCKS (DCTB)

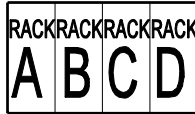
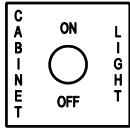
(16-BLOCK DIN RAIL GROUPS "B", "C", "D" NOT SHOWN)



NOTES:

1. Cables from rack to field terminal block shall be two pair twisted with a shield on each pair.
2. Field terminal blocks shall be Entrelec #0115-271.22
3. Cables from rack to field terminal blocks shall be 10' in length with extra coiled P on end of rack.
4. Slot 1 for rack power module. Slots 2 through 5 are for canoga channel cards.
5. See Standard Drawings E 809-ITSC-01 thur -06 or -07 for additional ITS cabinet details.

INDIANA DEPARTMENT OF TRANSPORTATION	
INDOT ITS CABINET MICROLOOP CARD RACK WIRING DIAGRAM	
MARCH 2006	
STANDARD DRAWING NO. E 809-ITSC-06A	
	/s/ Richard L. VanCleave 3-01-06 DESIGN STANDARDS ENGINEER DATE
	/s/ Richard K. Smutzer 3-01-06 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	



Above tags are one each for a total of 4 tags.
RACK A, RACK B, RACK C, and RACK D

GFI RECEPTACLE	EQUIPMENT #1 RECEPTACLE #2
-------------------	-------------------------------

MAIN BREAKER

G F I	RECEP #1	RECEP #2	HEATER #1	HEATER #2	CABINET FANS	DETECTOR RACKS	S P A R E
-------------	-------------	-------------	--------------	--------------	-----------------	-------------------	-----------------------

SURGE
SUPPRESSOR

HEATER #2	HEATER #1
--------------	--------------

HEATER 1 and HEATER 2 are 1 tag Each.

HEATER RELAY #2	HEATER RELAY #1	HEATING THERMO STAT	COOLING FAN THERMO STAT
-----------------------	-----------------------	---------------------------	-------------------------------

RACK A	RACK B	RACK C	RACK D
--------	--------	--------	--------

ALARM
I/O
MODULE

NOTES:

1. See Standard Drawings E 809-ITCS-01 thru -06A
for additional ITS cabinet details.

INDIANA DEPARTMENT OF TRANSPORTATION									
ENGRAVED TAG DETAIL									
MARCH 2006									
STANDARD DRAWING NO. E 809-ITSC-07									
	<table><tr><td>/s/ Richard L. VanCleave</td><td>3-01-06</td></tr><tr><td>DESIGN STANDARDS ENGINEER</td><td>DATE</td></tr><tr><td>/s/ Richard K. Smutzer</td><td>3-01-06</td></tr><tr><td>CHIEF HIGHWAY ENGINEER</td><td>DATE</td></tr></table>	/s/ Richard L. VanCleave	3-01-06	DESIGN STANDARDS ENGINEER	DATE	/s/ Richard K. Smutzer	3-01-06	CHIEF HIGHWAY ENGINEER	DATE
/s/ Richard L. VanCleave	3-01-06								
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