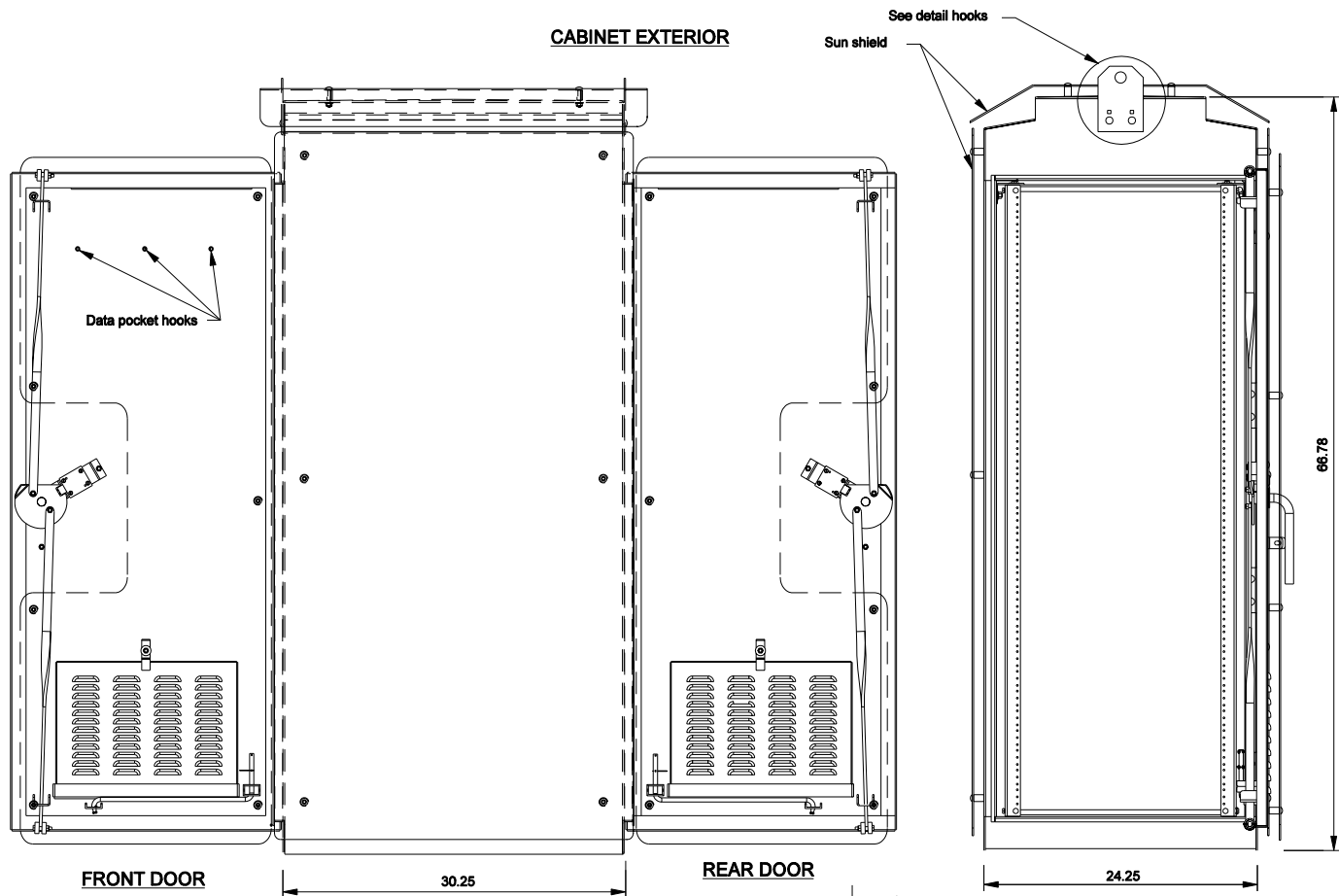


**CABINET EXTERIOR**



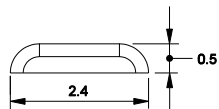
**NOTES:**  
 1. See Standard Drawings E 809-ITCS-01A thru -07 for additional ITS cabinet details.

**FRONT DOOR**

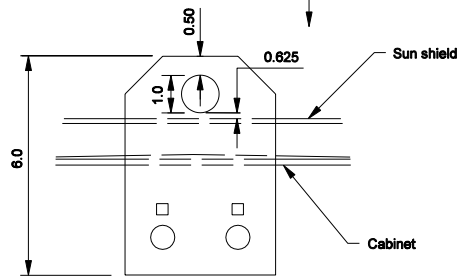
**REAR DOOR**

**SIDE VIEW**

**REAR VIEW WITH DOOR OPEN**



**DOOR FILTER LOUVRE DETAIL**



**DETAIL A NTS**

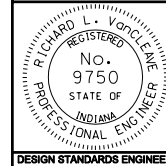
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

**INDOT ITS CABINET DETAIL**

**MARCH 2006**

**STANDARD DRAWING NO. E 809-ITSC-01**



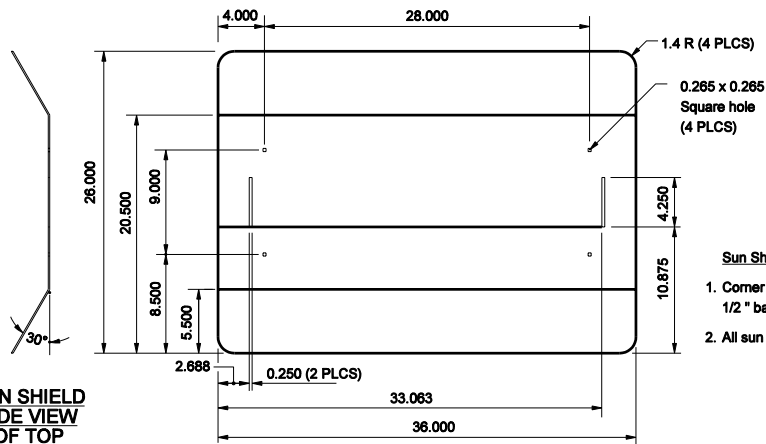
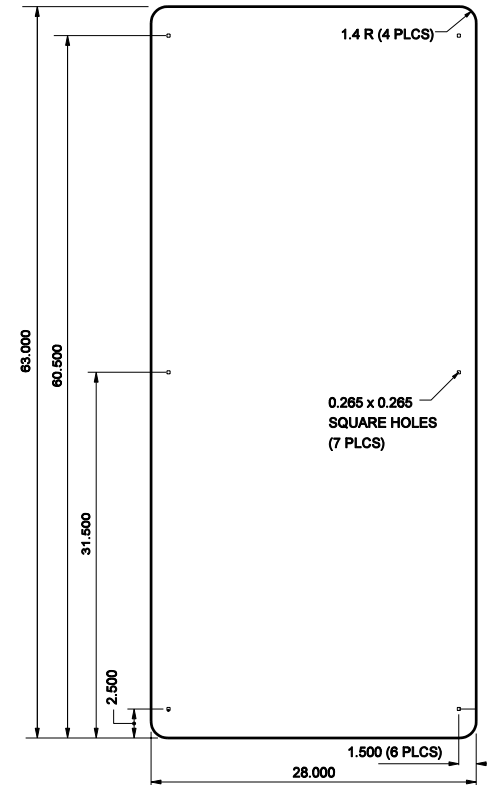
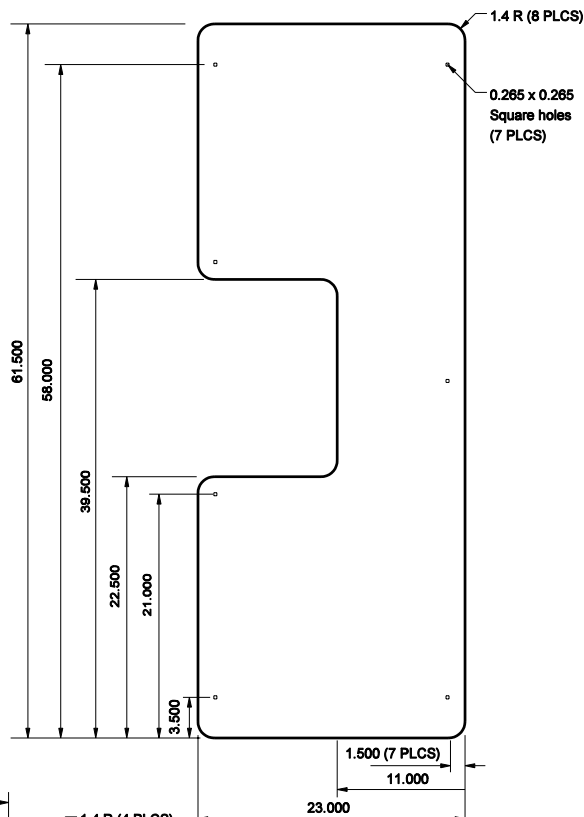
/s/ Richard L. VanCleave 3-01-06  
 DESIGN STANDARDS ENGINEER DATE

/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 DOOR**

**SUN SHIELD SIDE**

**Sun Shield Notes:**

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

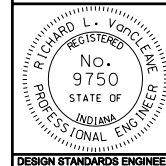
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

INDOT ITS CABINET DETAIL

MARCH 2006

STANDARD DRAWING NO. E 809-ITSC-01A

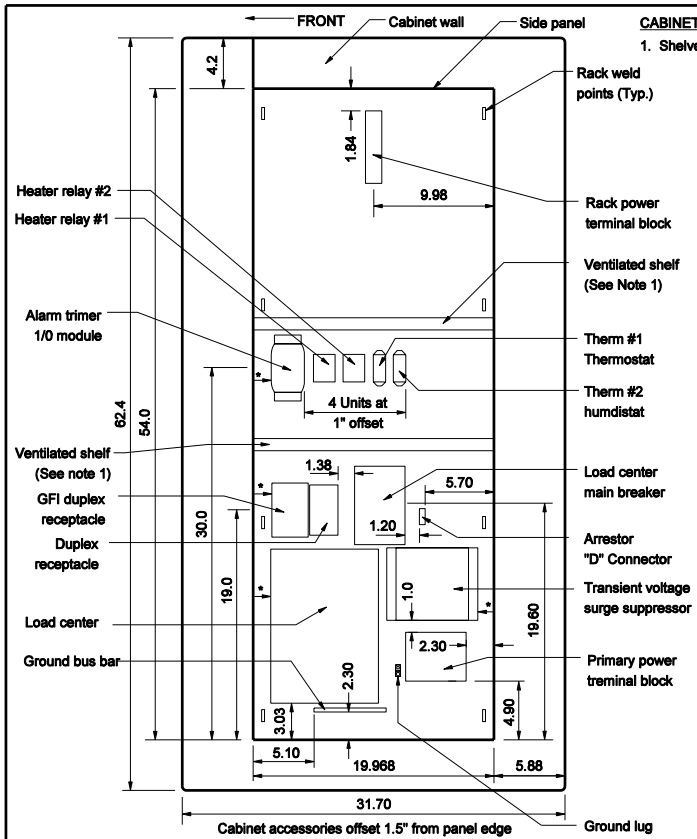


/s/ Richard L. VanCleave 3-01-06  
DESIGN STANDARDS ENGINEER DATE

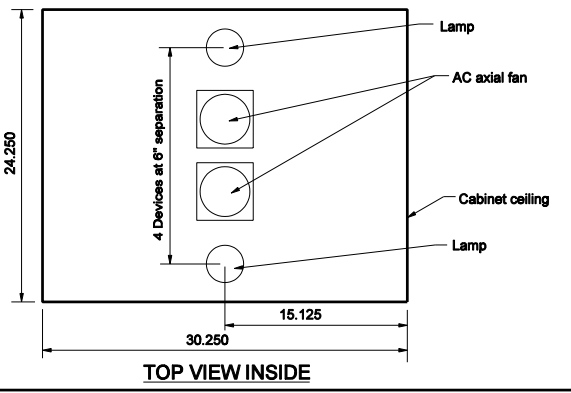
/s/ Richard K. Smutzer 3-01-06  
CHIEF HIGHWAY ENGINEER DATE

**SUN SHIELD  
SIDE VIEW  
OF TOP**

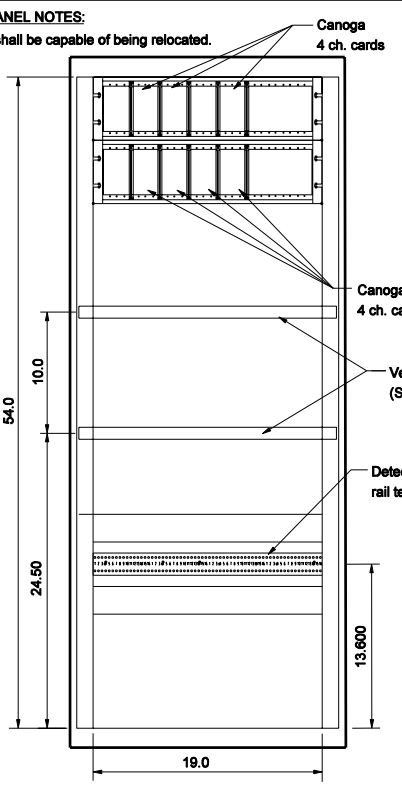
**SUN SHIELD TOP VIEW**



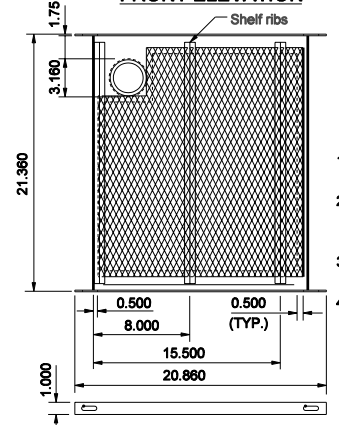
**CABINET SIDE PANEL  
POWER DISTRIBUTION**



**TOP VIEW INSIDE**

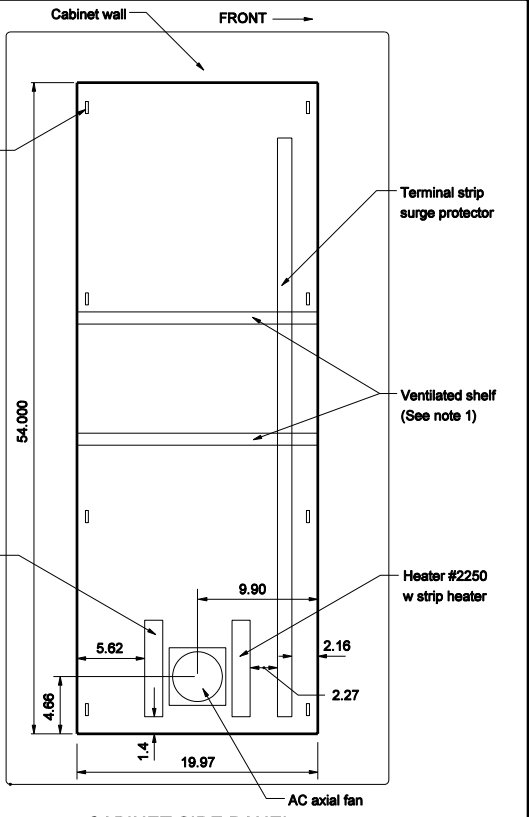


**FRONT ELEVATION**



**VENTILATED CABINET  
SHELF BOTTOM VIEW**

- VENTILATED SHELF NOTES:**
- Tack weld screen to bottom of shelf.
  - Tack weld ribs over screen to bottom of shelf in locations shown.
  - Press bushing in from top of shelf.
  - 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



**CABINET SIDE PANEL  
HEATER**

**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

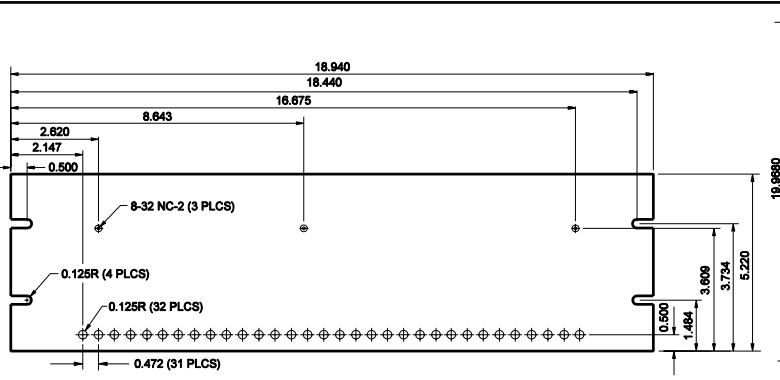
**INDOT ITS CABINET SCHEMATIC**

MARCH 2006

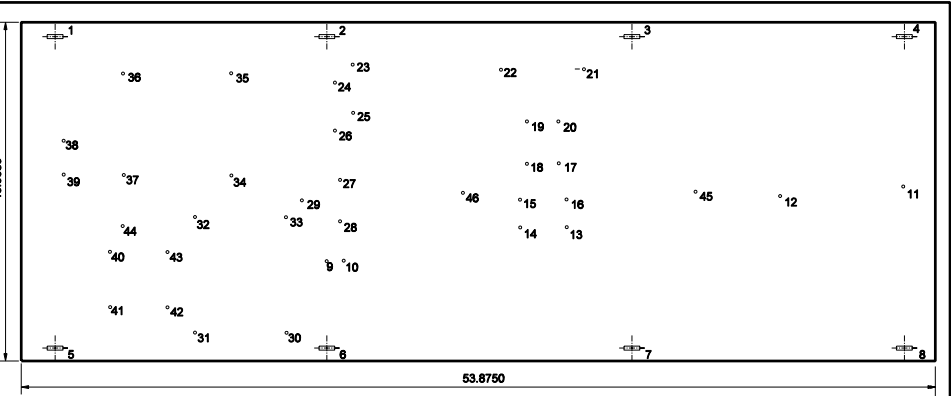
STANDARD DRAWING NO. E 809-ITSC-02

	/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**

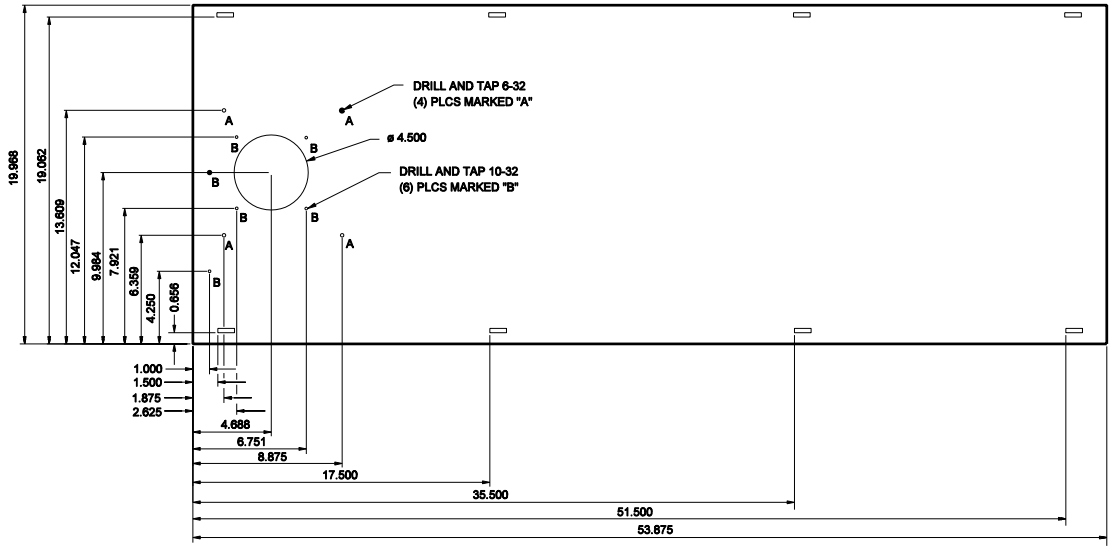


**POWER DISTRIBUTION PANEL PUNCH OUT DETAIL**

COORDINATES

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	13.865	
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



**HEATER PANEL PUNCH OUT DETAILS**

**NOTES:**

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

All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

**CABINET PUNCH OUT DETAILS**

MARCH 2006

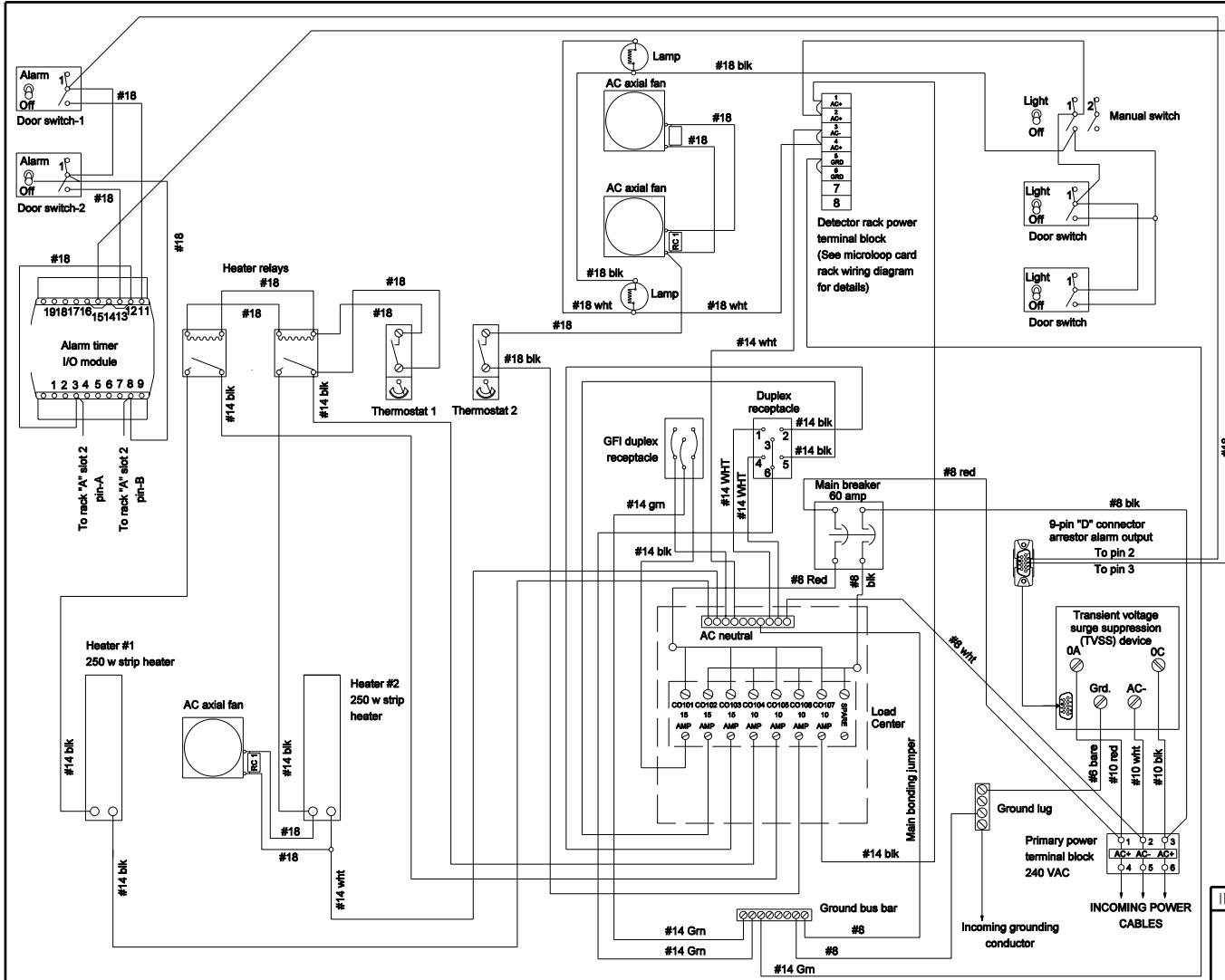
STANDARD DRAWING NO. E 809-ITSC-03



/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



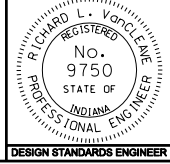
- NOTES:**
1. See Standard Drawings E 809-ITCS-01 thru -03 or -05 thru -07 for additional ITS cabinet details.
  2. Minimum wire diameter indicated on connections between components.

INDIANA DEPARTMENT OF TRANSPORTATION

**INDOT ITS CABINET SCHEMATIC**

MARCH 2006

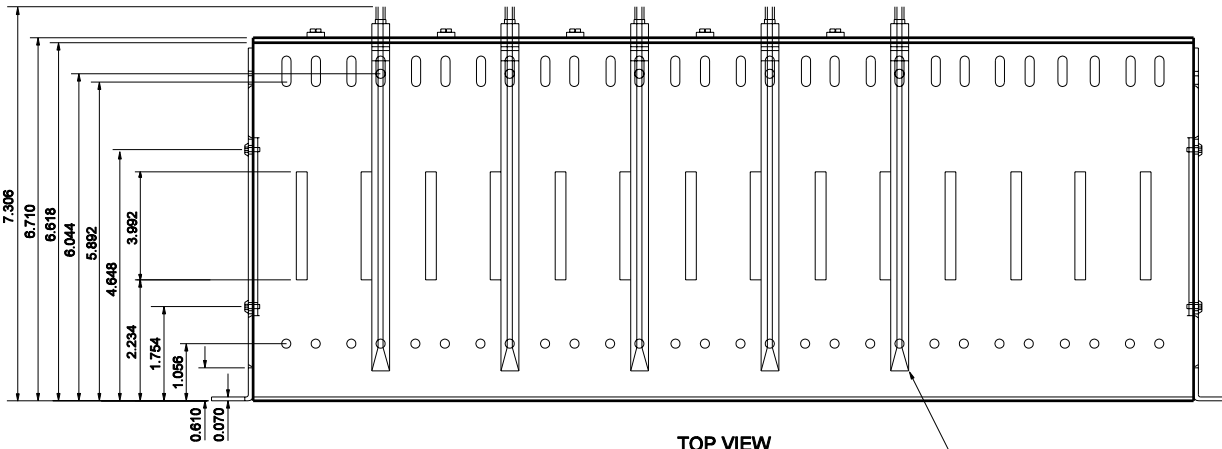
STANDARD DRAWING NO. E 809-ITSC-04



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

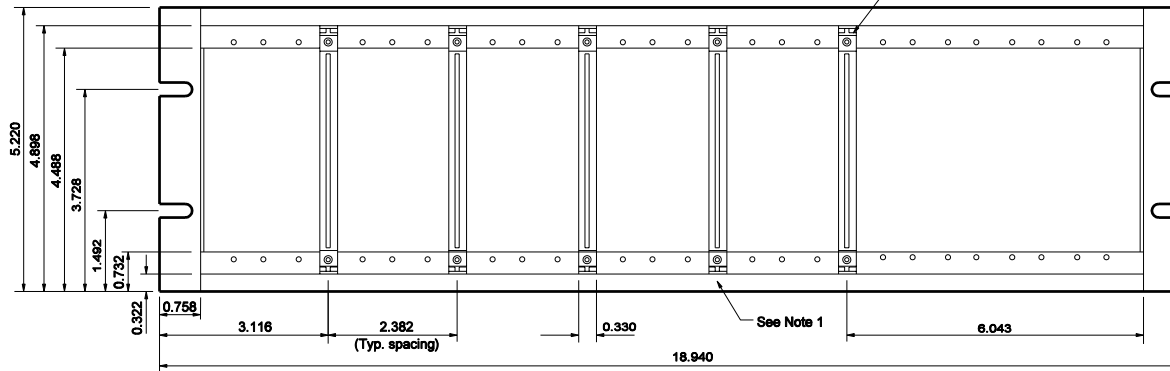
/s/ Richard K. Smutzer 3-01-06  
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

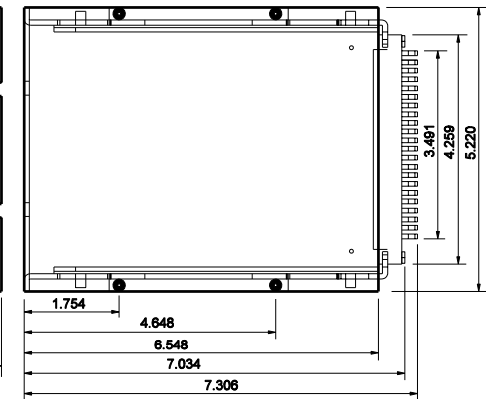


TOP VIEW

- 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.



FRONT VIEW



SIDE VIEW

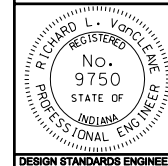
All dimensions are in inches

INDIANA DEPARTMENT OF TRANSPORTATION

**DETECTOR CARD RACK DETAIL**

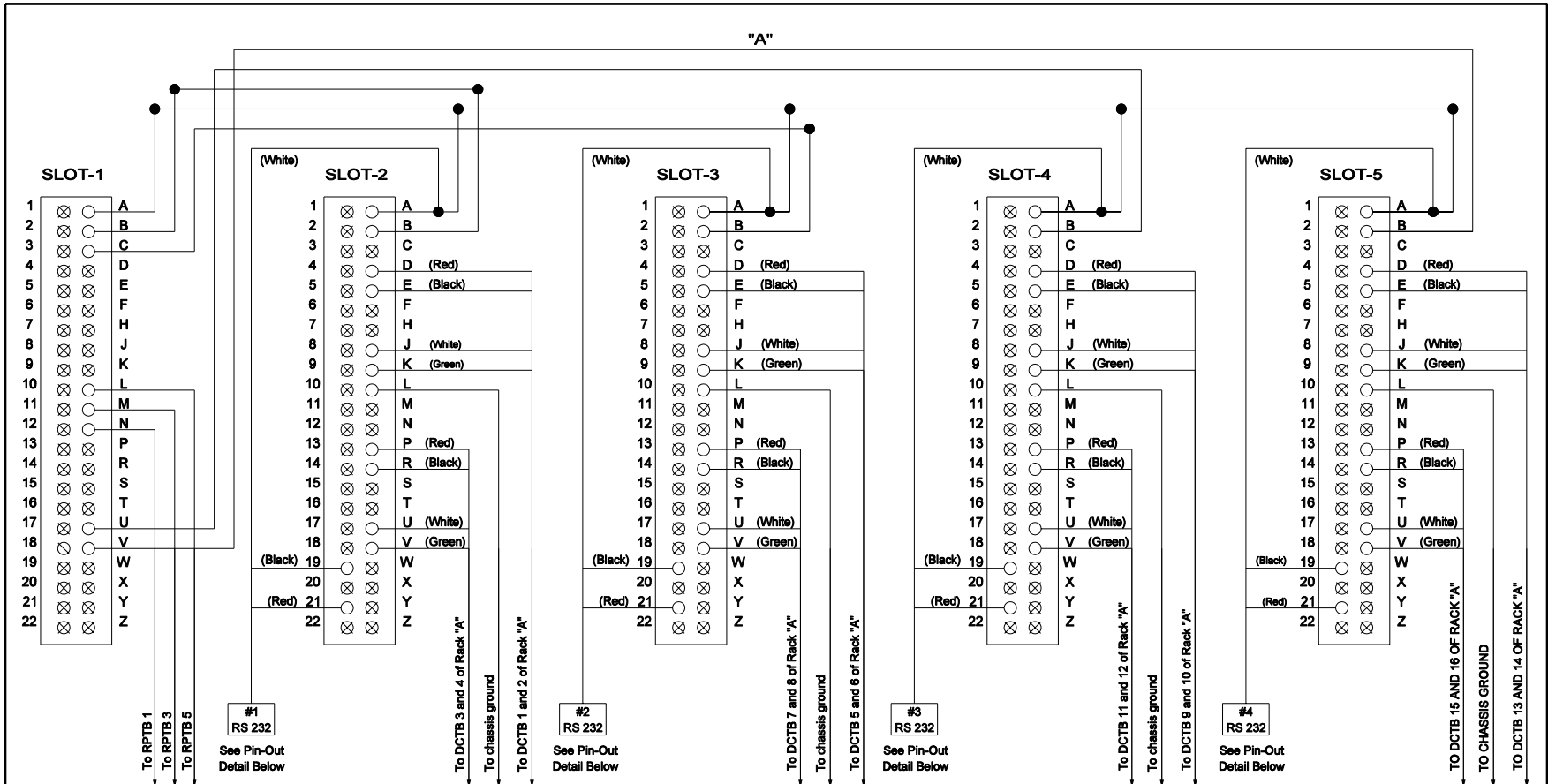
MARCH 2006

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

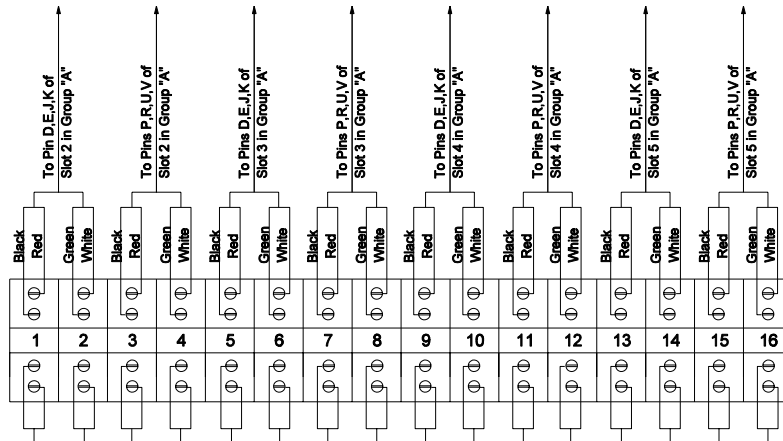


PINS ON BACK OF CARD RACKGROUP "A" SHOWN. 4-SLOT RACK GROUPS "B", "C", "D" NOT SHOWN.

**NOTES:**

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

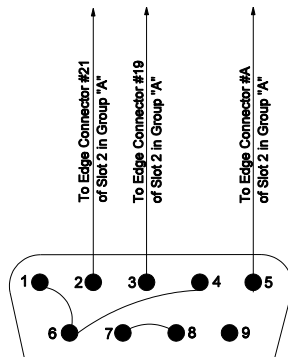
INDIANA DEPARTMENT OF TRANSPORTATION	
<b>INDOT ITS CABINET MICROLOOP CARD RACK WIRING DIAGRAM</b>	
MARCH 2006	
STANDARD DRAWING NO. E 809-ITSC-06	
	/s/ Richard L. VanCleave 3-01-06 DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ Richard K. Smutzer 3-01-06 CHIEF HIGHWAY ENGINEER DATE



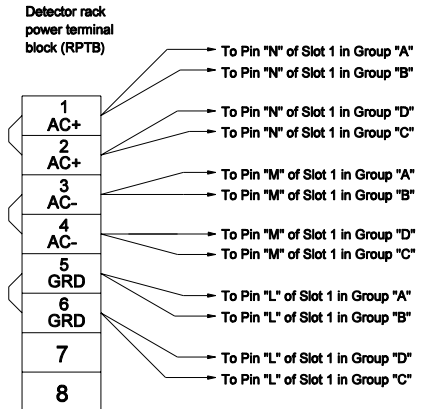
SEE SITE SPECIFIC DRAWINGS FOR CONNECTION OF FIELD WIRES TO TERMINAL BLOCK

DETECTOR CARD DIN RAIL  
TERMINAL BLOCKS (DCTB)

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



#1 RS232  
PIN-OUT DETAIL

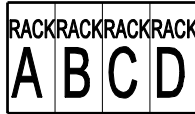
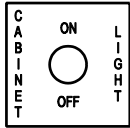


**NOTES:**

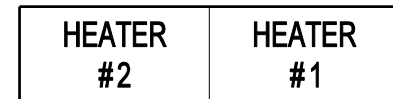
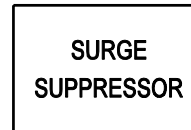
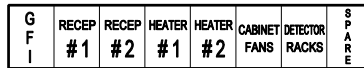
1. Cables from rack to field terminal block shall be two pair twisted with a shield on each pair.
2. Field terminal blocks shall be Entrelec #0115-271.22
3. Cables from rack to field terminal blocks shall be 10' in length with extra coiled P on end of rack.
4. Slot 1 for rack power module. Slots 2 through 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	
<b>INDOT ITS CABINET MICROLOOP CARD RACK WIRING DIAGRAM</b>	
MARCH 2006	
STANDARD DRAWING NO. E 809-ITSC-06A	
	<i>/s/ Richard L. VanCleave</i> 3-01-06 DESIGN STANDARDS ENGINEER     DATE
	<i>/s/ Richard K. Smutzer</i> 3-01-06 CHIEF HIGHWAY ENGINEER     DATE
DESIGN STANDARDS ENGINEER	

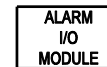
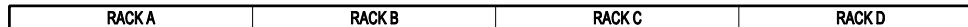
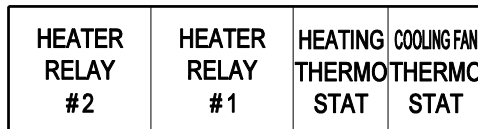




Above tags are one each for a total of 4 tags.  
RACK A, RACK B, RACK C, and RACK D




HEATER 1 and HEATER 2 are 1 tag Each.



**NOTES:**

- 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	
	/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	