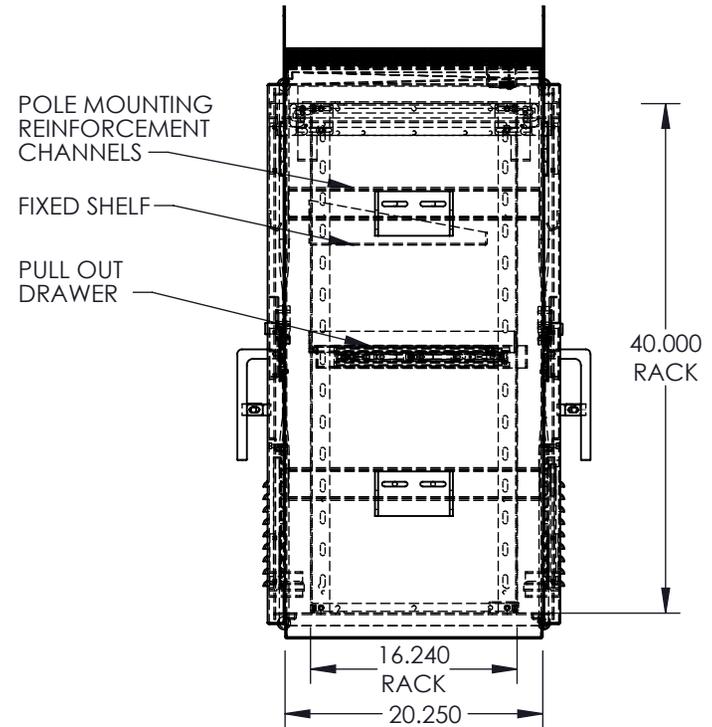
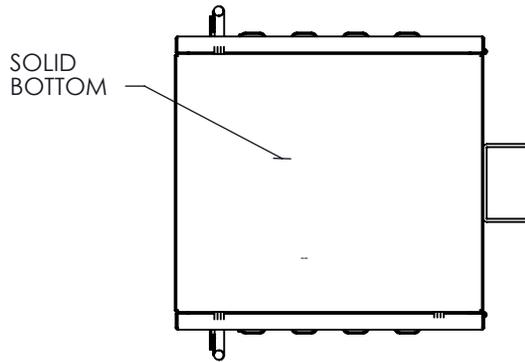


FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

NOTES

1. CABINET IS CONSTRUCTED FROM .125" THICK 5052 H-32 ALUMINUM (MILL FINISH) TO NEMA 3R STANDARDS AND IS POLE MOUNTED.
2. FRONT DOOR IS HINGED ON THE RIGHT (AS VIEWED FROM THE FRONT) , REAR DOOR IS HINGED ON THE LEFT (AS VIEWED FROM THE REAR).
3. BOTH DOORS HAVE LOUVERS WITH A 10" X 16" METAL AIR FILTERS AND LOUVERED FILTER COVERS , THREE POINT LATCHING , (2) TWO POSITION DOOR STOPS (90 AND 120 DEGREES) , A 3/4" DIA. STAINLESS STEEL PAD LOCKABLE HANDLES WITH CORBIN #2 MAIN DOOR LOCKS , DOCUMENT POUCH BRACKETS WITH ONE DOCUMENT POUCH , AND NEOPRENE GASKET ALL AROUND.
4. CABINET HAS THREE 14 GA. STAINLESS STEEL HINGES PER DOOR , HINGES ARE CONCEALED TO PREVENT REMOVAL WHILE DOOR IS CLOSED.
5. CABINET HAS (1) 19" EIA RACK APPROX. 21.250" X 16.250" X 40.000" (21 RU) WITH FRONT AND REAR DOOR SWITCH / LAMP BRACKETS , ONE FIXED SHELF AND ONE PULL OUT DRAWER.
6. CABINET HAS FAN PLENUM FOR DUAL 4" FANS.
7. CABINET HAS POLE MOUNTING STIFFENER CHANNELS ON INSIDE OF BODY AND POLE MOUNTING BRACKETS ON THE OUTSIDE.
8. ALL HARDWARE IS STAINLESS STEEL.



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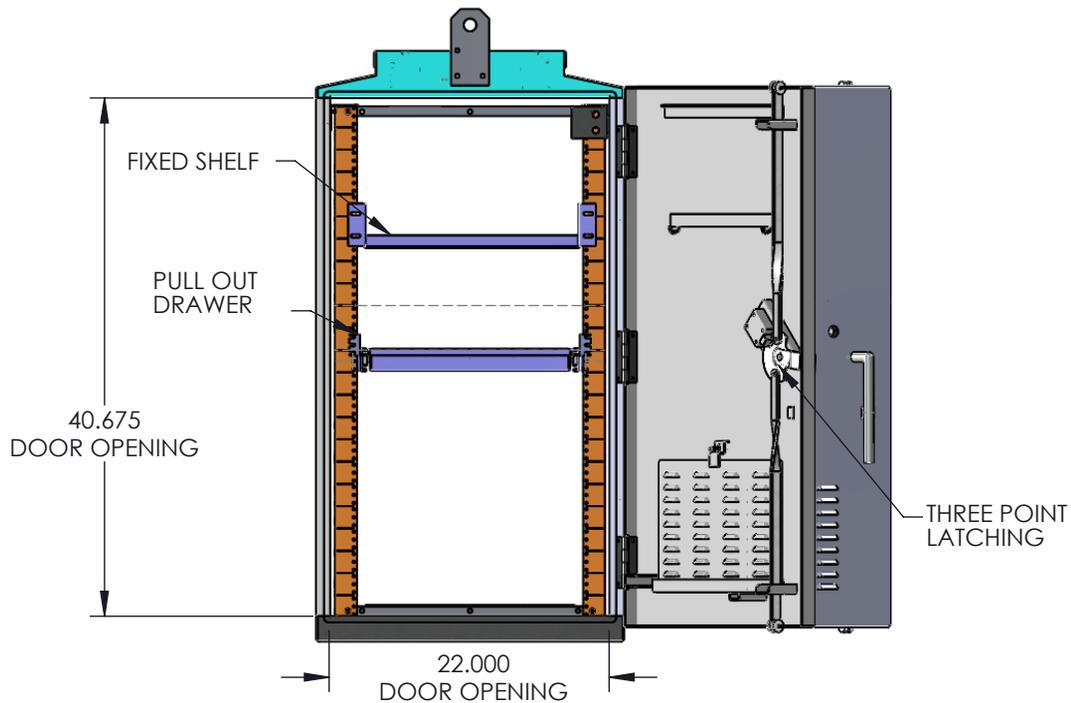
MATERIAL: 5052H-32 ALUMINUM .125"

FINISH:

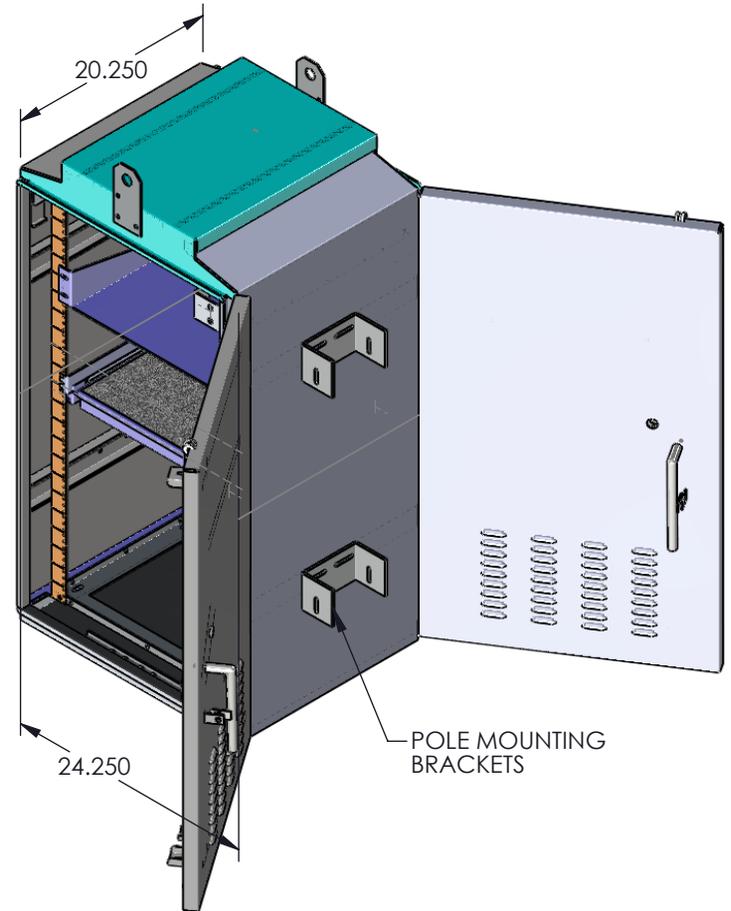
DRAWN By:	NAME	DATE	SOUTHERN MANUFACTURING CO.		
	LAB	1/7/2011			
CHECKED:			P/N: 336S-FDOT-CCTV-NO-SS-SUB		
MFG APPR:			SUBMITTAL DRAWING		
Cust APPR:					
			Scale: 1:15	Sheet 1 of 1	Rev: 0
					SIZE A

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FRONT VIEW



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 Orlando, Fl. 32803
 ph: 407-894-8851
 fx: 407-894-5373

MATERIAL: 5052H-32 ALUMINUM .125"

FINISH:

NAME

LAB

DATE

7/17/2008

DRAWN By:

CHECKED:

MFG APPR:

Cust APPR:

SOUTHERN MANUFACTURING CO.

P/N: 336S-RH-NO-SS-ISO

336S FDOT CTV

Scale: 1:15

Sheet 2 of 2

Rev: 0

SIZE **A**

PROPRIETARY AND CONFIDENTIAL

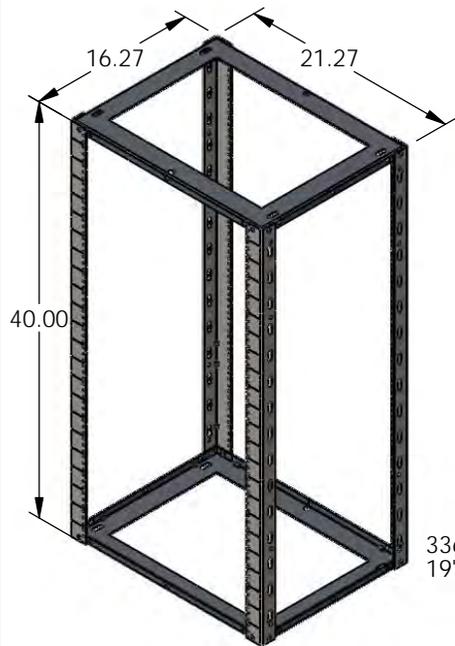
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**SOUTHERN MANUFACTURING
TYPE 336S ITS CABINET SPECIFICATIONS
FOR
KANSAS DEPT. OF TRANSPORTATION
WYANDOTTE Co., PROJECT #105KA 1502-01**

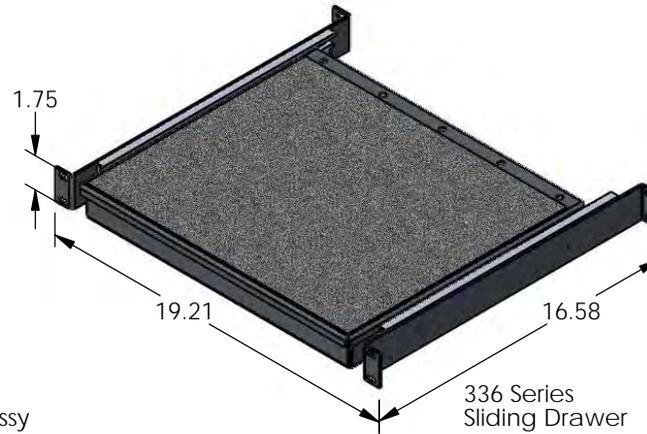
1. Type 336S cabinet (46"H. x 24.25"W. x 20.25"D.) is fabricated from .125" thk. aluminum, 5052-H32. Cabinet finish: unpainted, mill finish.
2. Cabinet constructed to NEMA 3R standards. Procedures, welders and welding operators conform to AWS requirements as contained in AWS B3.0 and C5.6 for aluminum. All exterior seams are continuously welded and are smooth. All exterior welds are made by the TIG welding process. All interior and exterior edges are free from burrs.
3. Cabinet is for pole mounting with a solid bottom.
4. Front door is hinged on right hand side (as viewed from front), and rear door is hinged on left hand side (as viewed from rear).
5. Internal, side wall mounted, reinforcement pole mount channel stiffeners are provided on both sides of the cabinet.
6. Aluminum pole mount brackets, set of two, installed on right hand external sidewall (as viewed from front door), with 3/8" dia stainless steel hardware and neoprene sealing washers. Pole mount brackets are fabricated from .250" thk. aluminum, 5052-H32, mill finish.
7. Front and rear doors, with Corbin #A15481RS locks, keyed #2, for each door, each with two keys.
8. Padlockable 3/4" dia. stainless steel door handles, each door.
9. Three point door latching with stainless steel center cam, aluminum push rods & ball bearing nylon rollers for top and bottom strikers, each door.
10. (1) Two position door stop rod (90° & 120°), each door.
11. (3) 14 Ga. stainless steel hinges per door. Door hinge pins are spot welded. Door hinges are concealed mounted and are not removable without opening door.
12. Doors are designed for 100-pound-per-vertical-foot of door height load. Louvers are provided in front and rear doors, each with (1) washable, metal air filter (10" x16") and louvered metal filter cover. Filter secured by spring-loaded upper clamp.
13. Door openings are double flanged, all around. Doors are provided with permanently bonded, neoprene gaskets. A top gasket support angle is provided to support the top gasket on the door.
14. Screened vented top. Top is crowned to prevent standing water.
15. Fan plenum plate for dual 4" dia. fans and thermostat mounting bracket.
16. (1) 19" EIA rack frame, with yellow zinc plated 10 Ga. steel rack angles, tapped #10-32 holes on standard EIA spacing, rack frame approx. 21.25" W x 16.25" D x 40.25" H (21 R.U.)
17. Stainless steel cabinet hardware, Type 304.
18. Document brackets mounted on front and rear doors, with (1) 12" x 15" plastic document pouch (brass eyelets) with mounted on rear door.
19. (2) lamp/door switch brackets, attached to top most position in EAI rack frame, front & rear. Each lamp/door switch bracket is provided with accommodations for (2) door switches and (2) 8 watt fluorescent cabinet light fixtures.
20. (2) rack mounted, adjustable, equipment shelves, full width, approx. 14" deep. Fabricated from .125" thk. aluminum, 5052-H32, mill finish.
21. (1) rack mounted storage drawer with telescoping drawer guides to allow full extension from the rack frame. Drawer has a hinged lid to allow access to storage space, lid has non-slip plastic laminate surface. Drawer dimensions, approx., 1.75" H. x 16" W. x 14" D. Drawer is fabricated from .090" thk. aluminum, 5052-H32, brushed finish. Drawer is designed to support 20 lbs.
22. (2) cabinet lift eyes, with 1" dia. lift hole, each lift eye designed to support 1000 lbs.
23. Cabinet equipped with, and wired for:
 - a. (2) 4", 110 CFM, ball bearing, 120 Vac fans.
 - b. (1) fan thermostat.
 - c. (1) 1 A. fuse & fuse holder for fans.

**SOUTHERN MANUFACTURING
TYPE 336S ITS CABINET SPECIFICATIONS
FOR
KANSAS DEPT. OF TRANSPORTATION
WYANDOTTE Co., PROJECT #105KA 1502-01**

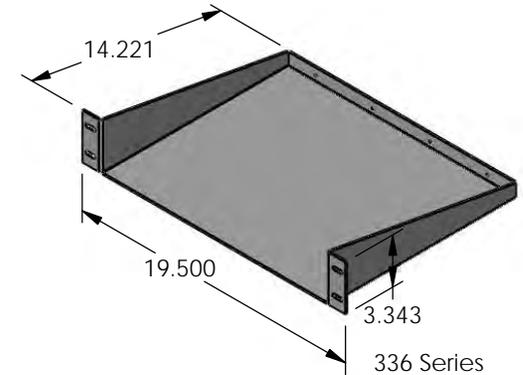
- d. (1) r/c noise suppressor networks, for fans.
 - e. (4) 8 watt, fluorescent cabinet lights (2-front mounted & 2-rear mounted), each fixture with clear shatter proof lens. Light fixtures are mounted to lamp/door switch bracket, with bracket attached to top most rack position.
 - f. (1) 5 A. fuse & fuse holder for lights.
 - g. (1) front & (1) rear, door switch for lights. Switches are located in the top position in the lamp/door switch bracket, with the bottom position left open (for optional door alarm switches).
24. Cabinet equipped with (1) front rack mounted, recessed, power panel, equipped with and wired for:
- a. 30 A., 120 Vac, 3W, single phase power
 - b. (1) service entrance terminal block, 3P, #4 wire, 70 A.
 - c. (1) main power surge arrestor, Atlantic Scientific #16100, 120/240 Vac, 80 kA rated.
 - d. 30 A., single pole, main breaker.
 - e. 15 A., single pole, secondary equipment breaker.
 - f. 15 A., single pole, secondary auxiliary breaker.
 - g. (1) copper ground bar.
 - h. (2) 4 position terminal blocks.
 - i. (1) 120 Vac, 15 Amp, GFCI receptacle (auxiliary).
 - j. (2) 120 Vac, 15 Amp, duplex equipment receptacles.
 - k. silkscreened legend



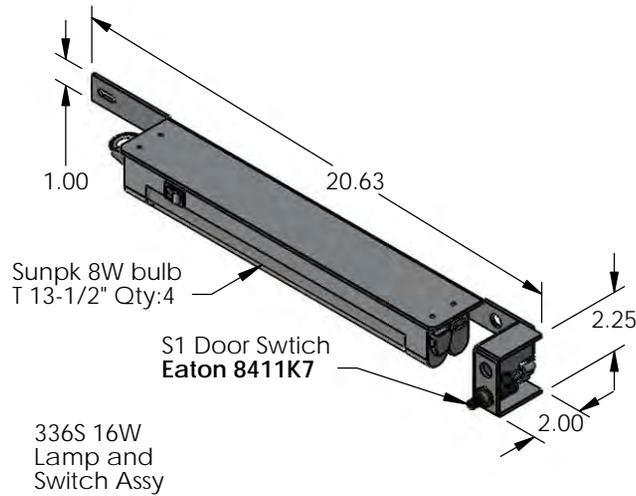
336S Standard
19" EIA Rack Assy



336 Series
Sliding Drawer



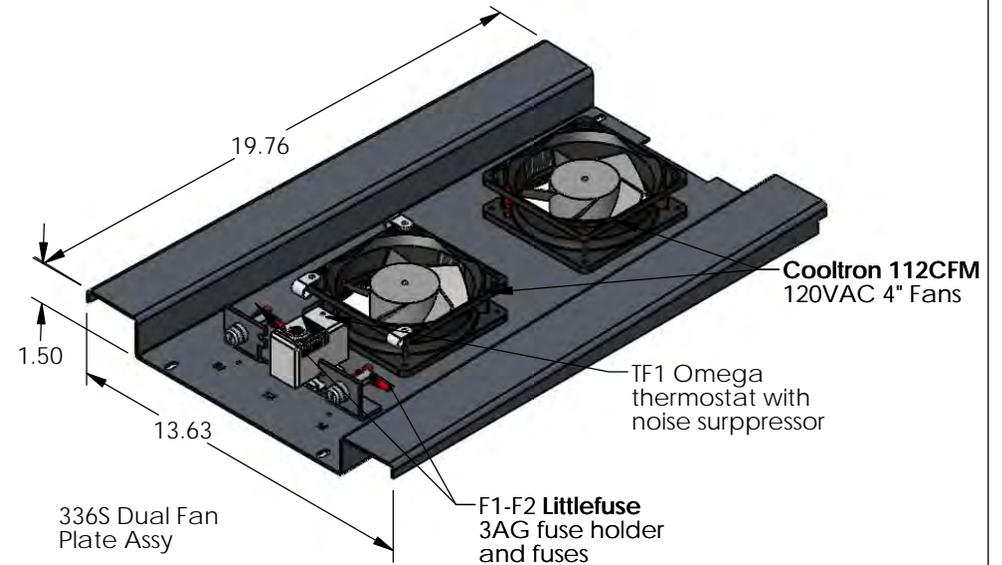
336 Series
Fixed Shelf



Sunpk 8W bulb
T 13-1/2" Qty:4

S1 Door Switch
Eaton 8411K7

336S 16W
Lamp and
Switch Assy



Cooltron 112CFM
120VAC 4" Fans

TF1 Omega
thermostat with
noise suppressor

F1-F2 Littlefuse
3AG fuse holder
and fuses

336S Dual Fan
Plate Assy



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KDOT

Project No. 105 KA 1502-01

DRAWN By: AE 18 MAY 10

P/N: WE336S-CCTVFL

CHECKED:

336S PM RK SH DW

MFG APPR:

CCTV

Cust APPR:

Scale:

Sheet 2 of 5

Rev: 0

SIZE **A**

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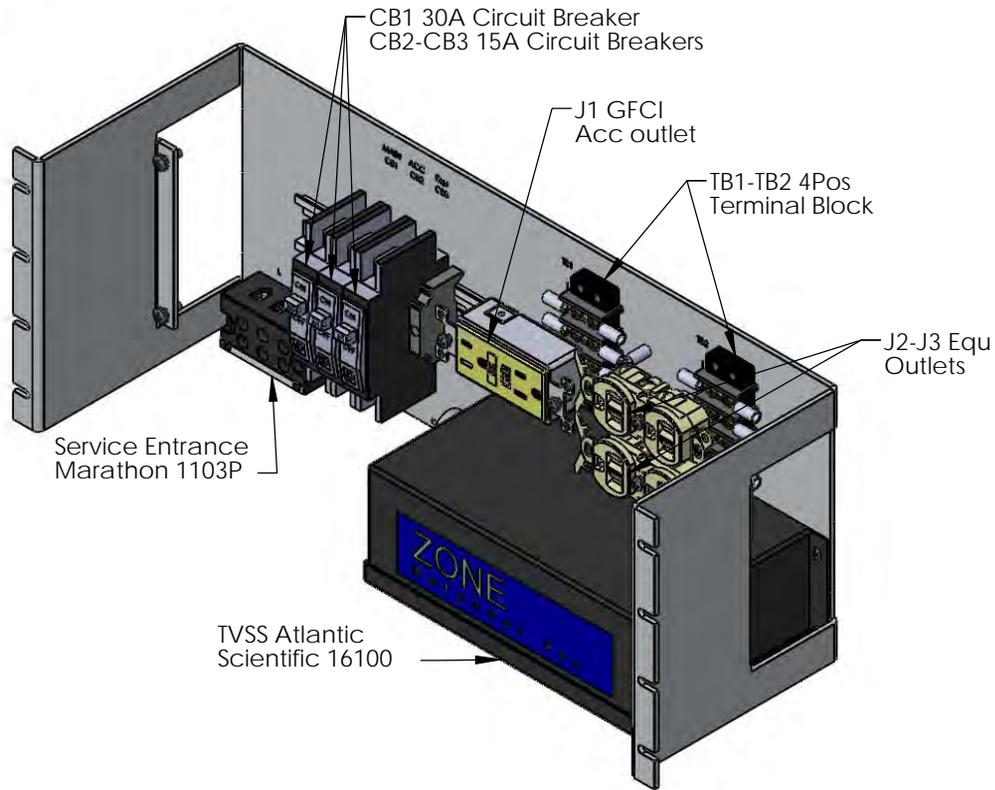
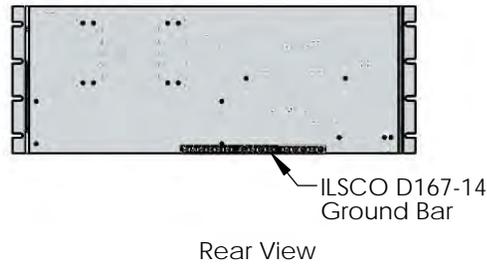
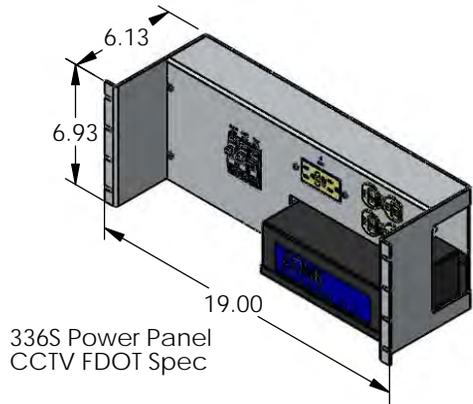
5

4

3

2

1



336S Power Panel CCTV FDOT Spec
Details, Front cover not shown



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MATERIAL:

FINISH:

NAME

DATE

DRAWN By:

AE

18 MAY 10

CHECKED:

MFG APPR:

Cust APPR:

KDOT

Project No. 105 KA 1502-01

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