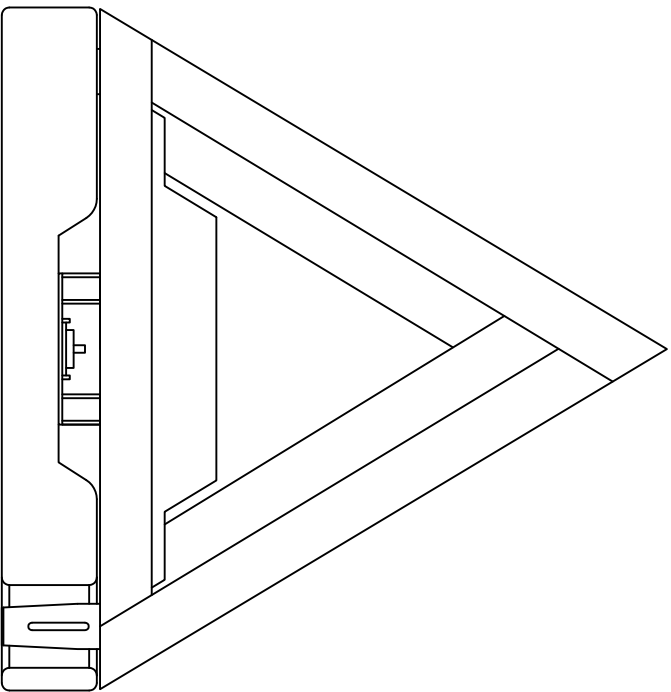
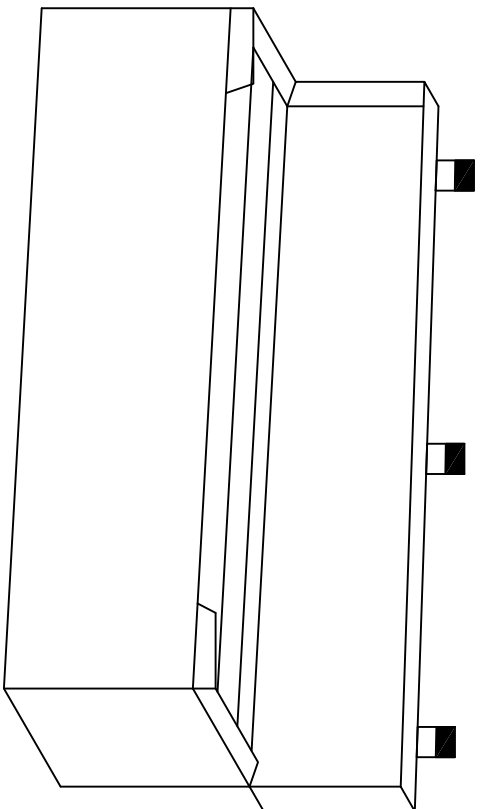


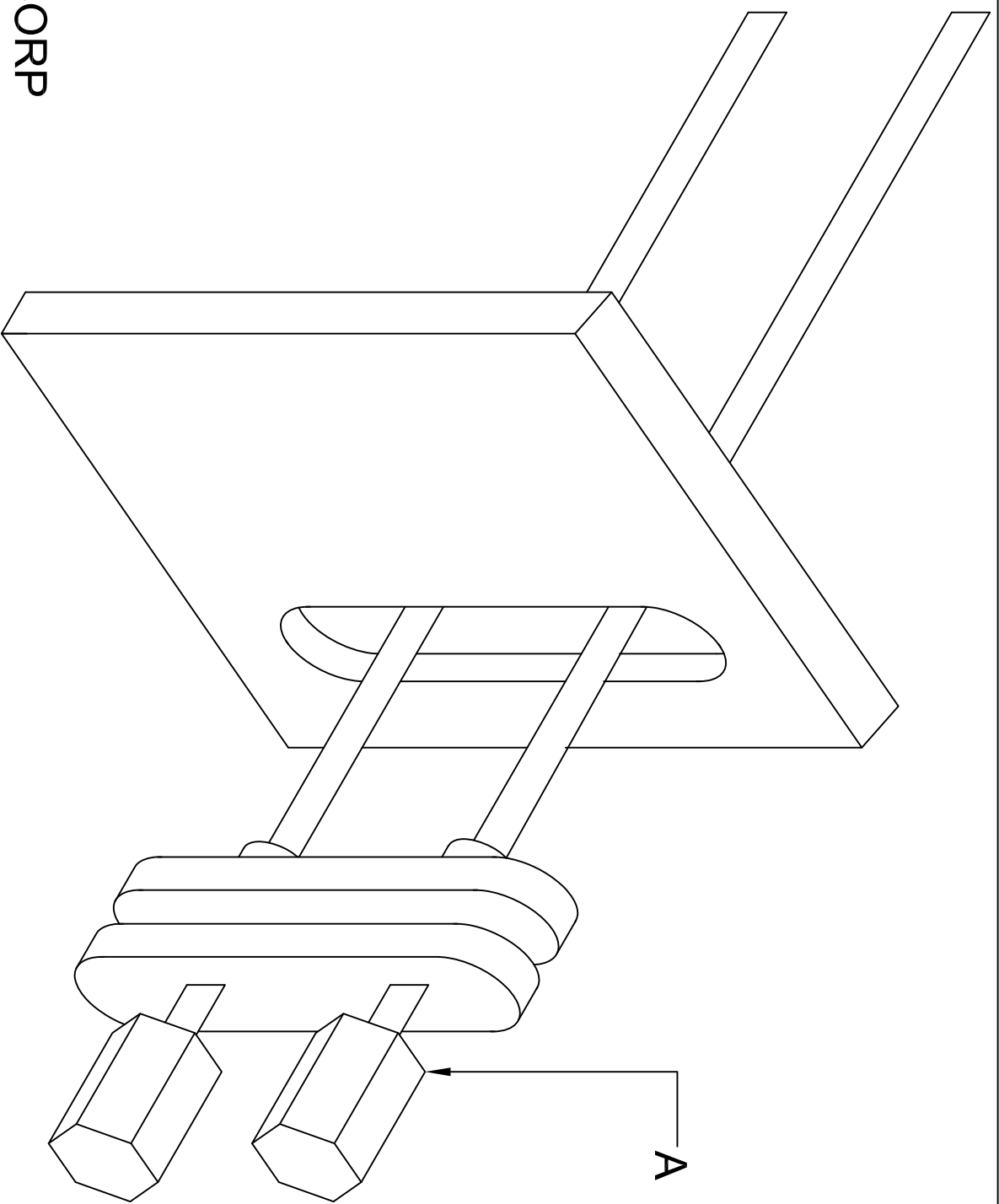
JAMES KING & CO.
 TRIANGLE PART #1005
 OR APPROVED EQUAL



PA DEPARTMENT OF TRANSPORTATION

REVISIONS			DRAWN BY		
NO.	DATE	BY	SCALE	DATE	SHEET
1	05-31-07	KNH	W/HM	04-23-92	1 OF 1
2	07-20-09	TOD	N/A	RED	EQN-66A
3	07-13-17	HMR			

**TRIANGLE STORAGE BOX AND
 BRACKET**



A.
 PANA PACIFIC CORP
 541 DIVISION STREET
 CAMPBELL, CALIFORNIA 95008
 408-374-7900

PART #531 277 C1

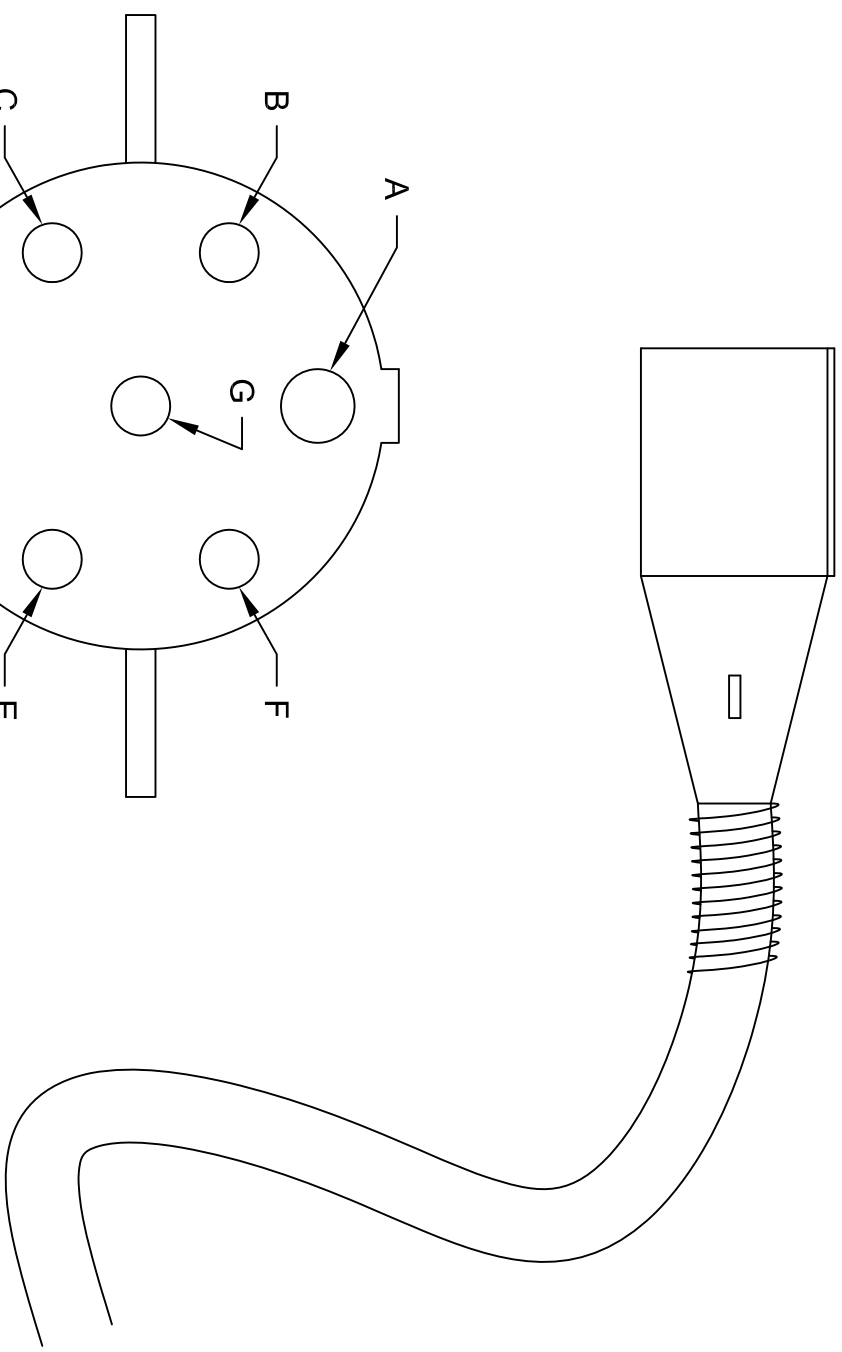
REVISIONS			C.B. RADIO CONNECTIONS		
NO.	DATE	BY	DRAWN BY	SCALE	EQN-78
1	08-15-90	WHM	WHM	N/A	
2	07-02-97	DLW	DATE	CHECK BY	
3	10-27-06	CJW	08-15-90	RED	SHEET 1 OF 1
PA DEPARTMENT OF TRANSPORTATION					

NOTES:

To extend 8ft. beyond pintle.

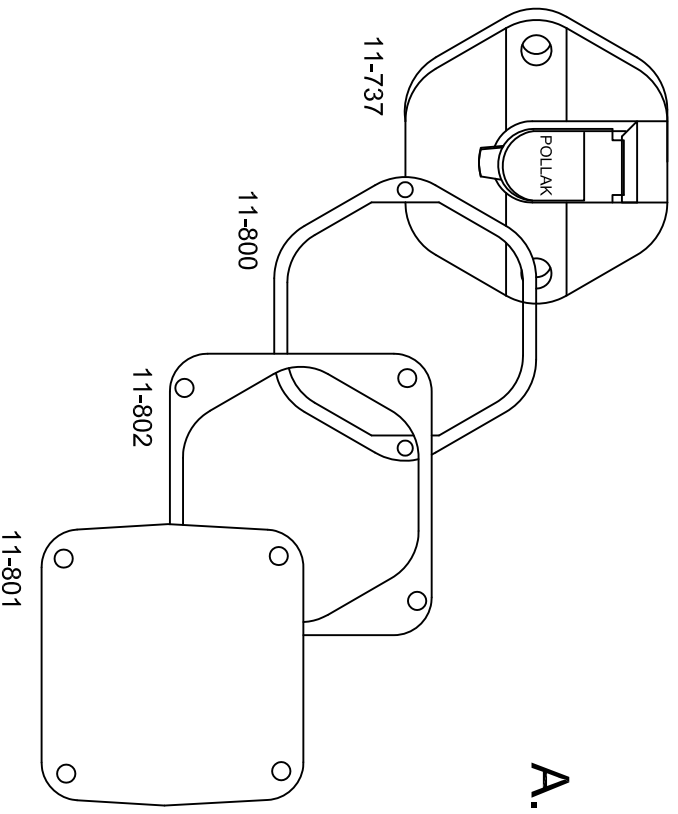
WIRING NOTES:

- A. WHITE: GROUND - 10
- B. BLACK: MARKER -12
- C. YELLOW: LEFT TURN & BRAKE - 12
- D. RED: STOP / BRAKE -12
- E. GREEN: RIGHT TURN & BRAKE - 12
- F. BROWN: TAIL - 12
- G. BLUE: ABS -12

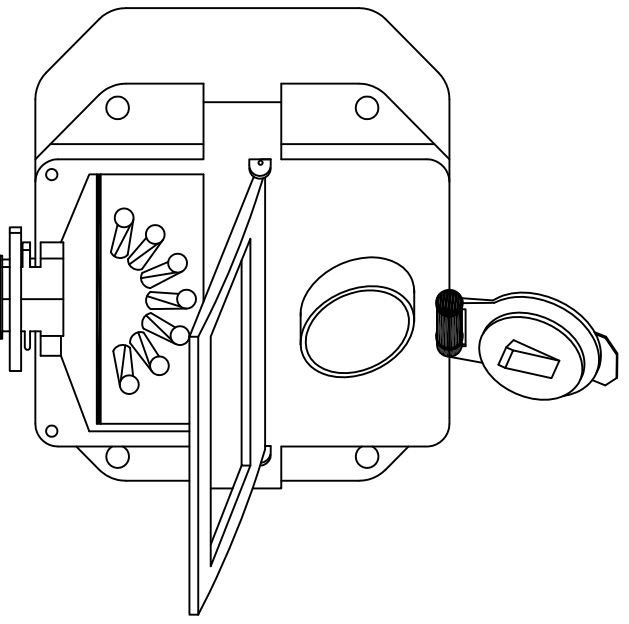


PA DEPARTMENT OF TRANSPORTATION

REVISIONS		WIRING DIAGRAM / 7 WAY ROUND PIN MALE CONNECTOR		
NO.	DATE	BY	SCALE	
1	5-16-2018	KBD	N/A	EQN-80B
2				
3				



A. POLLAK TRUCKLITE



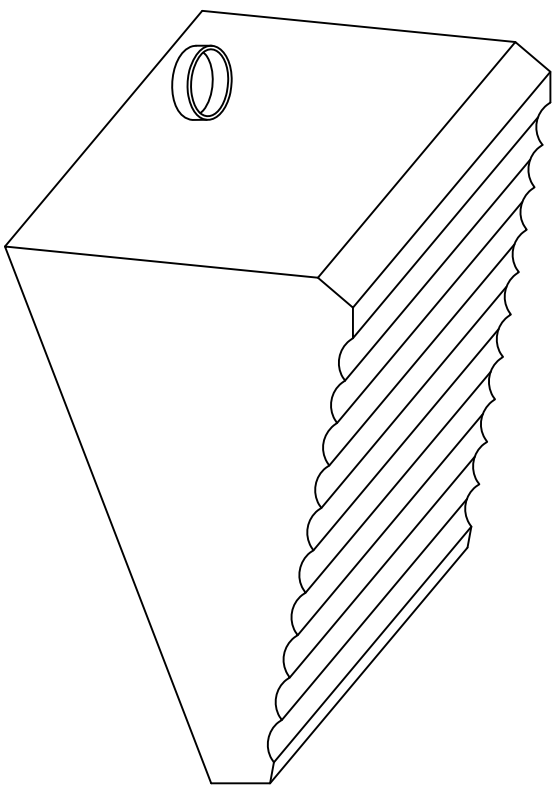
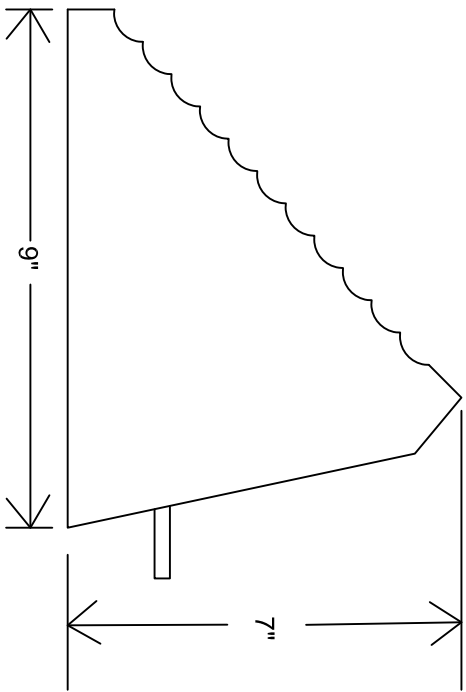
1. 7 WAY SPLIT PIN RECEPTACLE MEETING S.A.E. J5553 & J555A.
2. EXACT LOCATION SHALL BE DETERMINED UPON AWARD OF BID PRIOR TO PILOT MODEL.
3. WIRING SHALL BE IN CONFORMANCE WITH ATA COLOR CODING SYSTEM.
4. SEALED AND WEATHER-RESISTANT
5. REPLACEABLE CIRCUIT BREAKERS (15 AMP / OR 20 AMP).
6. REFERENCED ACCEPTABLE MODELS
 - A. POLLACK
 - 11-737
 - 11-800
 - 11-801
 - 11-802

(ALL ITEMS ARE REQUIRED TO MAKE UP THE COMPLETE ASSEMBLY)
 B. TRUCK-LITE PART NO. 50806-COMPLETE.

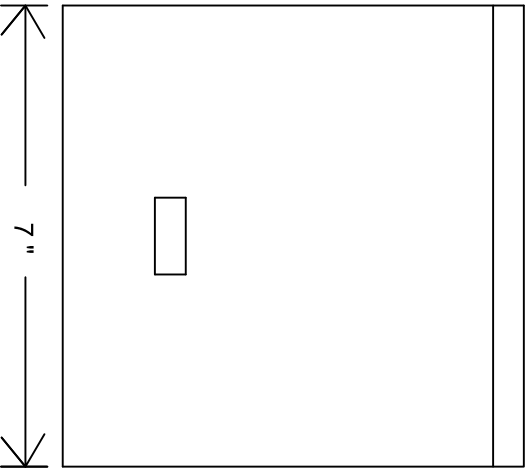
NOTE: NO SUBSTITUTE

REVISIONS				7 WAY TRAILER CONNECTOR			
NO.	DATE	BY		DATE	SCALE	CHK'D BY	
1	03-30-00	GAH		DLW	N/A	RED	EQN-81A
2	02-27-07	CJW		11-21-97		RED	SHEET 1 OF 1
3							

PA DEPARTMENT OF TRANSPORTATION



FINAL MOUNTING LOCATION SHALL BE DETERMINED AT THE PRE-BUILD MEETING. CHOCK HOLDERS SHALL BE ALUMINUM. TWO CHOCKS PER TRUCK SHALL BE SUPPLIED. CHOCKS SHALL HAVE 4 FEET OF $\frac{3}{8}$ INCH NYLON ROPE CONNECTING THE TWO CHOCKS TOGETHER.

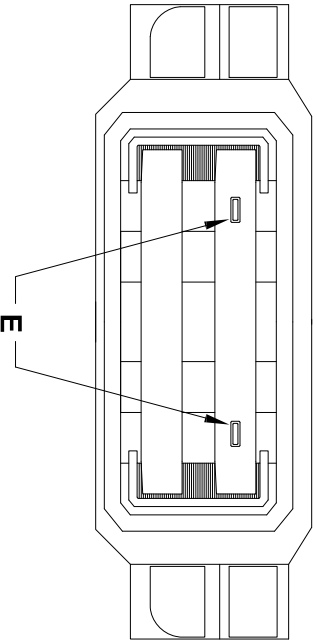


PA DEPARTMENT OF TRANSPORTATION

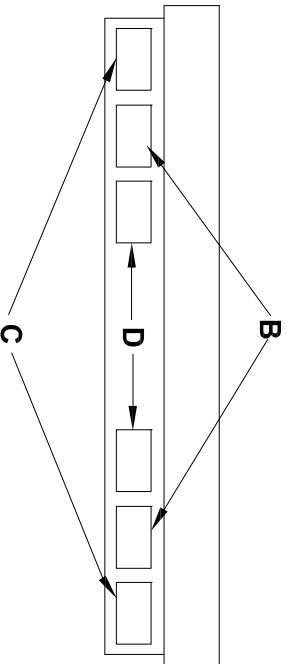
REVISIONS			7" X 9" X 7" CHOCK AND HOLDER		
NO.	DATE	BY	DRAWN BY	SCALE	EQN-82D
1			JJB	N/A	
2					
3					

DATE 07-22-15 SHEET 1 OF 1

FRONT VIEW



REAR VIEW

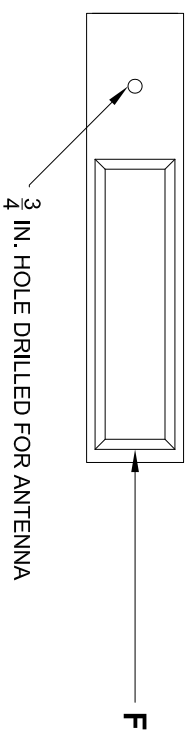


The purpose of this drawing is to show locations for Body Lighting, Whelen part # PADOTSY8.

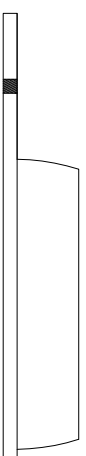
- A. LINZ6AD Amber Warning Light, grommet (flush) mounted, one each side.
- B. M6BUD Back up Lights with Brush Guards.
- C. M5BTTD Stop / Tail / Turn Lights with Brush Guards.
- D. M6AD Amber Warning Lights with Brush Guards.
- E. LINZ6AD Amber Warning Light, both grommet mounted (flush with Front Grill).
- F. R10PADOT, R10-Mini Bar Warning Light.

PLATFORM MOUNTED
LED LIGHT BAR & ANTENNA HOLE

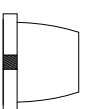
TOP VIEW



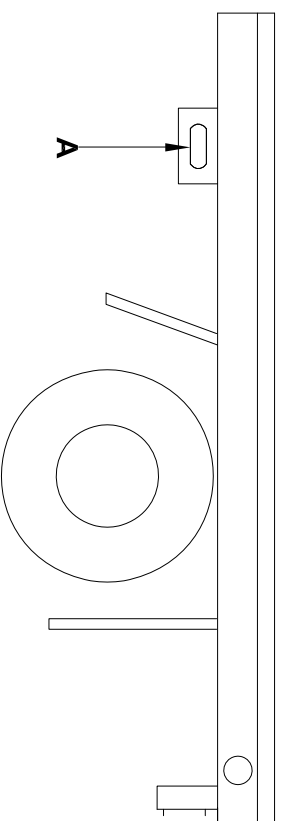
FRONT VIEW



SIDE VIEW



SIDE VIEW



PA DEPARTMENT OF TRANSPORTATION

REVISIONS			UNIVERSAL TRUCK LIGHTING		
NO.	DATE	BY	DRAWN BY	SCALE	TOD
1	08-06-12	MJW		N/A	TOD
2					
3					

THIS VEHICLE SHALL COMPLY WITH THE RULES OF THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) IN THAT:

THE MOUNTING HEIGHT OF THE HORIZONTAL STRIPES ARE RESTRICTED TO THE SAME HEIGHT AS OTHER RETROREFLECTIVE DEVICES CURRENTLY REQUIRED BY STANDARD NUMBER 108. THE CENTER OF THE MATERIAL MUST NOT BE LESS THAN 15in. ABOVE THE ROAD SURFACE, AND THE UPPER EDGE NOT MORE THAN 60in. ABOVE IT.

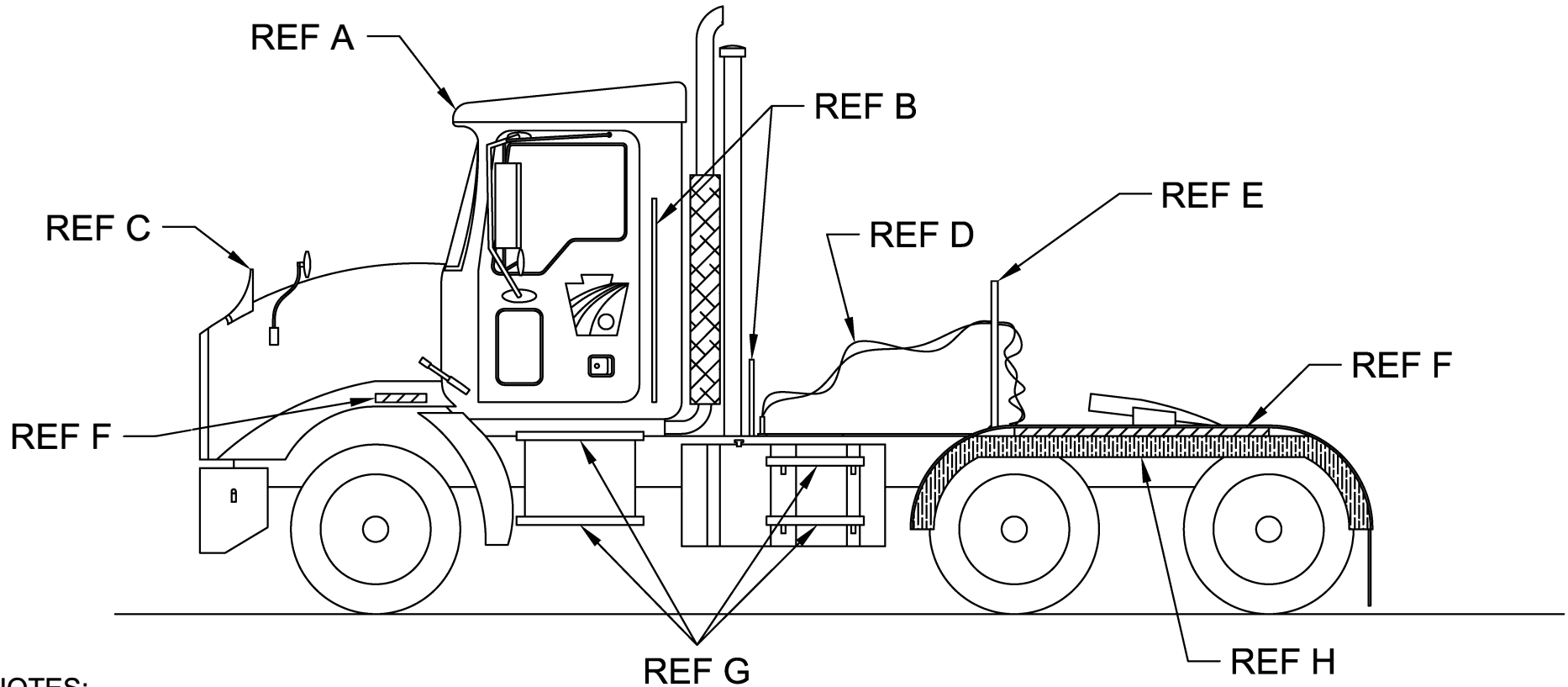
REFLECTIVE MATERIAL SHALL BE APPLIED TO THE HORIZONTAL BAR OF THE REAR UNDERIDE DEVICE IN ADDITION TO THE FLOOR LEVEL HORIZONTAL STRIPE. THE UPPER CORNERS ARE TO BE MARKED BY TWO 90 DEGREE ANGLE BRACKETS OF WHITE STRIPES 12in. BY TWO INCHES WIDE, INDICATING THE WIDTH AND HEIGHT OF THE TRAILER.

THE CONFIGURATION SHALL IDENTIFY THE VEHICLE AS TO ITS ESTIMATED SIZE AND THE CLOSING DISTANCE TO IT. THE DISTRIBUTION OF SPACES AND MATERIALS SHALL BE AS UNIFORM AS PRACTICAL AND INDICATE THE FULL LENGTH AND WIDTH OF THE VEHICLE. THE COLORS SHALL BE PLACED IN ALTERNATING SEQUENCE WITH MORE THAN TWO-THIRDS OF THE MATERIAL IN COLOR.

CONSPICUITY TAPE SHALL BE REFLECTORIZED. 2in. WIDE, MATERIAL SHALL BE APPLIED. MATERIAL SHALL BE RED/SILVER CONTINUOUS BACKING REFLEXITE CONSPICUITY II SYSTEM OR 3M SCOTCHLITE CONSPICUITY SHEETING SERIES 980.

THE MOST CURRENT REGULATIONS SHALL BE ADHERED TO.

REVISIONS			CONSPICUITY TAPE STRIPING REQUIREMENTS		
NO.	DATE	BY	DRAWN BY	SCALE	EQN-127A
1	05-16-02	DWG	DLW	N/A	EQN-127A
2	11-03-06	CJW	DLW	N/A	EQN-127A
3	01-02-09	MHH	DLW	N/A	EQN-127A

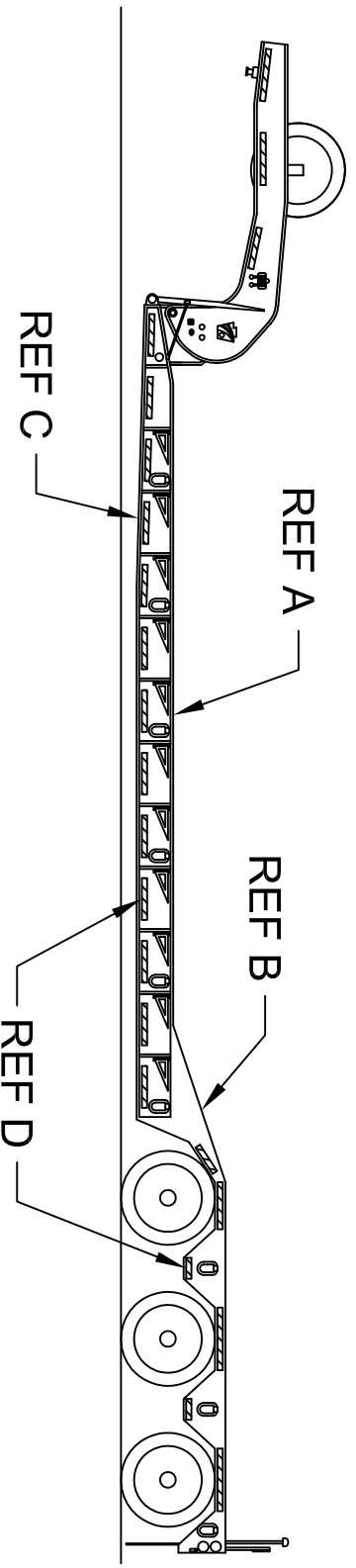


NOTES:

- A. EXTERIOR WINDSHIELD SUN SHADE (VISOR).
- B. HAND RAILS FOR THREE POINTS OF CONTACT. SHALL BE FURNISHED TO PROVIDE OPTIMUM SAFETY. NON-SKID PAINT OR RUBBER MAY BE UTILIZED.
- C. AIR DEFLECTOR. CLEAR OR SMOKED, HOOD MOUNTED AND SHALL NOT INTERFERE WITH HOOD HAND HOLD.
- D. LINES. SHALL BE A MINIMUM OF #12 HOSE AND SHALL BE A MINIMUM OF 12 FEET IN LENGTH OR SUFFICIENT LENGTH TO ALLOW COMPLETE ROTATION OF TRAILER.
- E. TWO (2) SPRING POST SHALL BE APPROXIMATELY 36 INCHES TALL. SHALL BE MOUNTED TO BACK OF DECK PLATE FOR USE OF HANGING HOSES AND CABLES.
- F. CONSPICUITY TAPE. SHALL BE PLACED ON FRONT AND REAR FENDERS ON BOTH DRIVER AND PASSENGER SIDE.

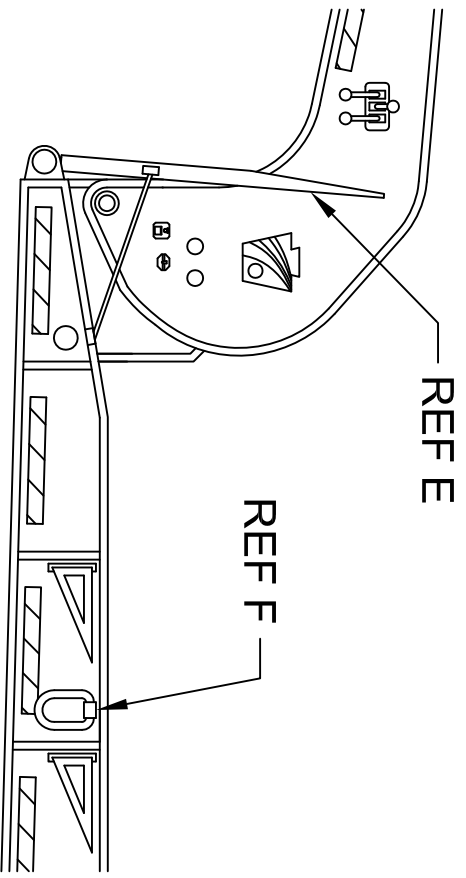
- G. ENTRANCE STEPS. SHALL BE ALUMINUM OR STAINLESS STEEL, SERRATED. THE OUTER STEP EDGE MUST BE SERRATED IN LIEU OF PLAIN. TOP OF FIRST STEP SHALL BE APPROXIMATELY 21 INCHES ABOVE THE GROUND.
- H. SPRAY SUPPRESSION. SHALL BE PLACED ON THE COMPLETE LENGTH OF THE REAR FENDER ON BOTH DRIVER AND PASSENGER SIDE.

PA DEPARTMENT OF TRANSPORTATION					
REVISIONS			LOWBOY TRACTOR		
NO.	DATE	BY			
1					
2			<small>DRAWN BY</small> JJB	<small>SCALE</small> N/A	EQN-131
3			<small>DATE</small> 06-23-15	<small>CHKD BY</small>	SHEET 1 OF 3

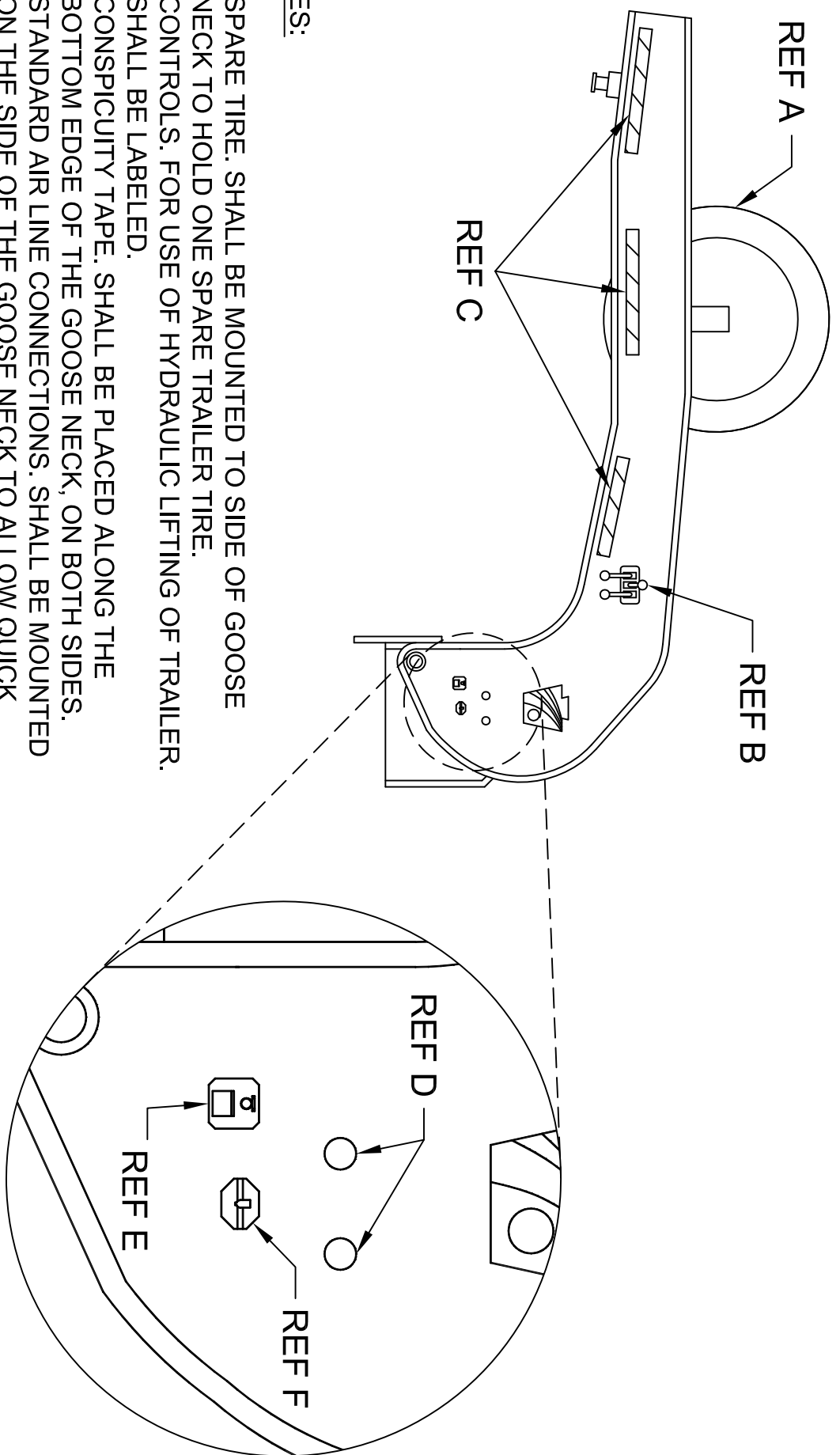


NOTES:

- A. PLATFORM. SHALL HAVE A MINIMUM 1 3/4 IN. OAK OR A MINIMUM 1 1/4 IN. APITONG FULL FLOOR.
- B. REAR RISER SECTION. SHALL RUN AT 3:1 RATIO FOR A MAXIMUM OF 18 DEGREES BETWEEN THE MAIN DECK, AND THE REAR FRAME AREA. SHALL ALSO HAVE A MAXIMUM OF 18 INCH DROP BETWEEN THE DECK AND THE REAR LOAD PLATFORM OF THE TRAILER.
- C. UNDER-SLOPE. THE BOTTOM BEAM SHALL HAVE A MINIMUM TAPER OF 9 FEET FRONT TO BACK TO EASE LOADING.
- D. CONSPICUITY TAPE. SHALL BE PLACED ON THE BOTTOM EDGE OF THE TRAILER AND THE EDGES SURROUNDING THE WHEELS.
- E. ACCESS RAMPS. TWO 41 IN. LONG X 22 IN. WIDE, FRONT FOLD-DOWN LOADING RAMPS WITH OAK INSERTS TO FORM A 7.2-DEGREE APPROACH TO THE MAIN DECK AREA. THESE SLIDING RAMPS SHALL DOUBLE HINGED AND SPRING ASSISTED.
- F. LASHING RINGS. SIXTEEN DROP FORGED LASHING D'S OF 1 IN. DIAMETER STEEL (C1030 STEEL CONSTRUCTION)



PA DEPARTMENT OF TRANSPORTATION			LOWBOY PAVER STYLE TRAILER		
REVISIONS					
NO.	DATE	BY	DATE	BY	
1	08-08-18	KBD			
2					
3					



NOTES:

- A. SPARE TIRE. SHALL BE MOUNTED TO SIDE OF GOOSE NECK TO HOLD ONE SPARE TRAILER TIRE.
- B. CONTROLS. FOR USE OF HYDRAULIC LIFTING OF TRAILER. SHALL BE LABELED.
- C. CONSPICUITY TAPE. SHALL BE PLACED ALONG THE BOTTOM EDGE OF THE GOOSE NECK, ON BOTH SIDES. STANDARD AIR LINE CONNECTIONS. SHALL BE MOUNTED ON THE SIDE OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN GOOSE NECK AND TRAILER.
- E. 7 PIN CONNECTION. SHALL BE MOUNTED ON THE SIDE OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN GOOSE NECK AND TRAILER. REFERENCE EQN-81A.
- F. 2 PIN CONNECTION. SHALL BE MOUNTED ON THE SIDE OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN GOOSE NECK AND TRAILER. REFERENCE EQN-81A.

PA DEPARTMENT OF TRANSPORTATION

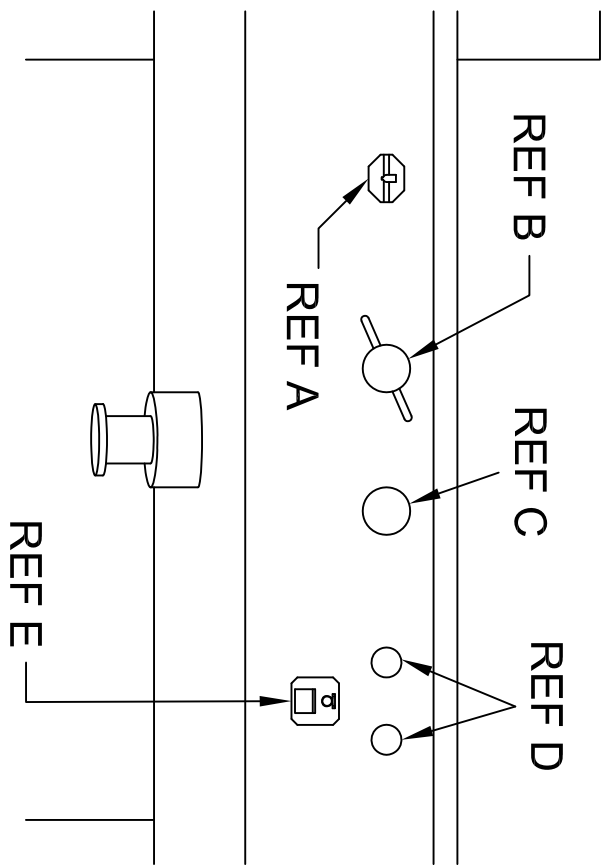
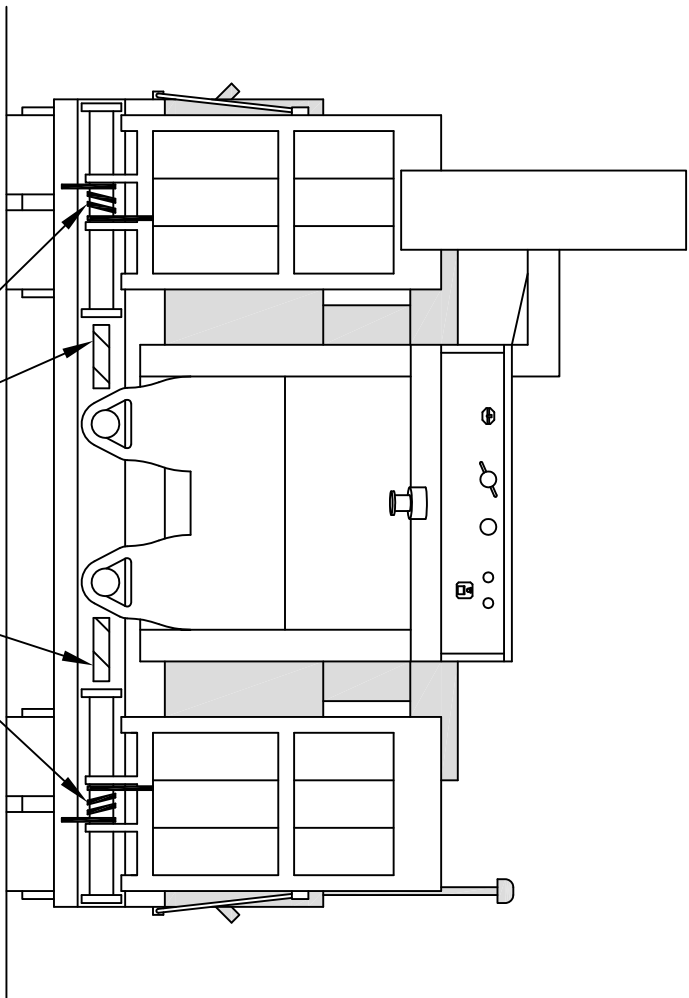
REVISIONS

NO.	DATE	BY	DESCRIPTION
1	08-08-18	KBD	LOWBOY PAVER STYLE TRAILER
2			
3			

DRAWN BY: JJB DATE: 06-23-15
 CHECKED BY: N/A
 SHEET 250P SHEET 2 OF 5

NOTES:

- A. 2 PIN CONNECTION. SHALL BE MOUNTED ON THE FRONT OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN TRACTOR AND GOOSE NECK.
- B. WET LINE PRESSURE. SHALL BE MOUNTED ON THE PASSENGER SIDE AND SHALL BE PLUMBED TO ACCEPT HYDRAULIC CONNECTIONS BETWEEN TRACTOR AND GOOSE NECK TO MAKE THE TRAILER COMPLETELY FUNCTIONAL AS A "WET UNIT". FITTINGS SHALL BE AERROQUIP PN#145135.
- C. WET LINE RETURN. SHALL BE MOUNTED ON THE DRIVER SIDE AND SHALL BE PLUMBED TO ACCEPT HYDRAULIC CONNECTIONS BETWEEN TRACTOR AND GOOSE NECK TO MAKE THE TRAILER COMPLETELY FUNCTIONAL AS A "WET UNIT". FITTINGS SHALL BE AERROQUIP PN#0451436.
- D. STANDARD AIR LINE CONNECTION. SHALL BE MOUNTED ON THE FRONT OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN TRACTOR AND GOOSE NECK.



NOTES:

- E. 7 PIN CONNECTION. SHALL BE MOUNTED ON THE FRONT OF THE GOOSE NECK TO ALLOW QUICK CONNECTION BETWEEN TRACTOR AND GOOSE NECK. REFERENCE EQN-81A.
- F. CONSPICUITY TAPE. SHALL BE PLACED ON THE BOTTOM OF THE FRONT OF THE TRAILER.
- G. SPRINGS. SHALL BE PLACED BETWEEN THE HINGES OF BOTH RAMPS TO ASSIST WITH LIFTING OF THE RAMPS.

PA DEPARTMENT OF TRANSPORTATION

REVISIONS

NO.	DATE	BY	LOWBOY PAVER STYLE TRAILER
1	08-08-18	KBD	
2			
3			

LOWBOY PAVER STYLE TRAILER

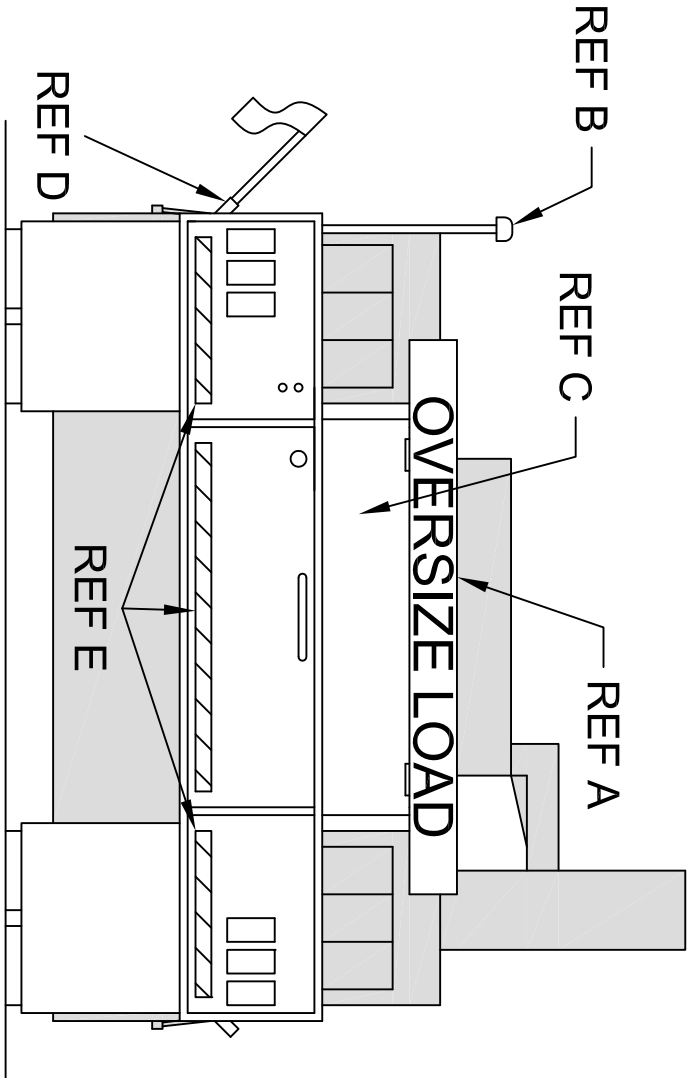
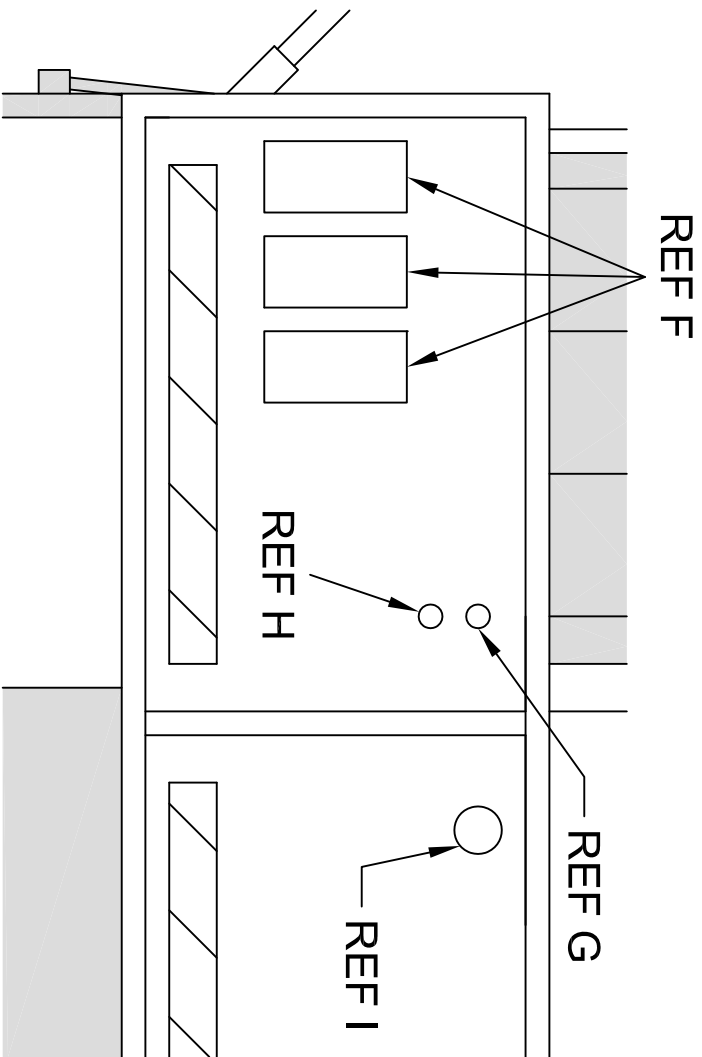
DRAWN BY	JJB	Checked With	
DATE	06-23-15	CHG BY	N/A
		Spec'd	N/A

SHEET 250P

SHEET 3 OF 5

NOTES:

- A. SIGN SHALL BE MOUNTED TO THE TOP OF THE ROLLER STOPPER. SHALL BE HINGED TO ALLOW FLIP-UP USE ONLY WHILE HAULING AN OVERSIZE LOAD. REFERENCE EQN-569.
- B. WARNING LIGHT. SHALL BE MOUNTED ON DRIVER SIDE OF DECK, ABOVE THE ROLLER STOPPER TO ALLOW 360 DEGREES OF VISIBILITY.
- C. ROLLER STOPPER. MOUNTED ON THE BACK OF THE DECK TO STOP HAULED MACHINERY FROM ROLLING OFF THE DECK.
- D. FLAG HOLDER. SHALL BE MOUNTED ON BOTH DRIVER AND PASSENGER SIDE OF THE REAR OF THE TRAILER TO ALLOW USE OF CAUTION FLAGS WHILE HAULING AN OVERSIZE LOAD.
- E. CONSPICUITY TAPE. SHALL BE PLACED ON THE BOTTOM OF THE REAR OF THE TRAILER.



NOTES:

- F. LIGHT PACKAGE. WHELEN LIGHT KIT #PADOTS11. TWO OUTSIDE LIGHTS SHALL BE BRAKE/TURN LIGHTS AND INSIDE LIGHT SHALL BE AMBER WARNING LIGHT.
- G. SWITCH1. SHALL BE EXTERIOR SEALED WEATHER PROOF TYPE, AND PERMANENTLY LABELED THAT WILL ENABLE ON/OFF OF **ALL** (INCLUDING STROBE) LIGHTS.
- H. SWITCH2. SHALL BE EXTERIOR SEALED WEATHER PROOF TYPE, AND PERMANENTLY LABELED THAT WILL ENABLE ON/OFF OF STROBE LIGHT.
- I. LIFT AXLE SWITCH. ALLOWS USE OF REAR LIFT AXLE.

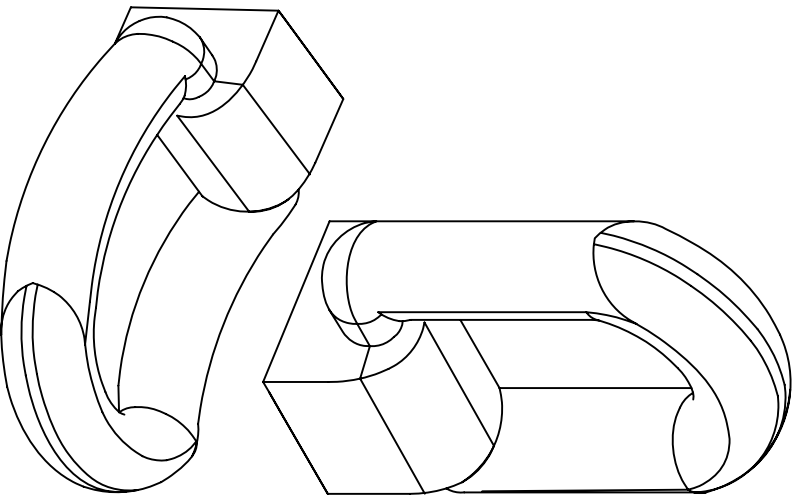
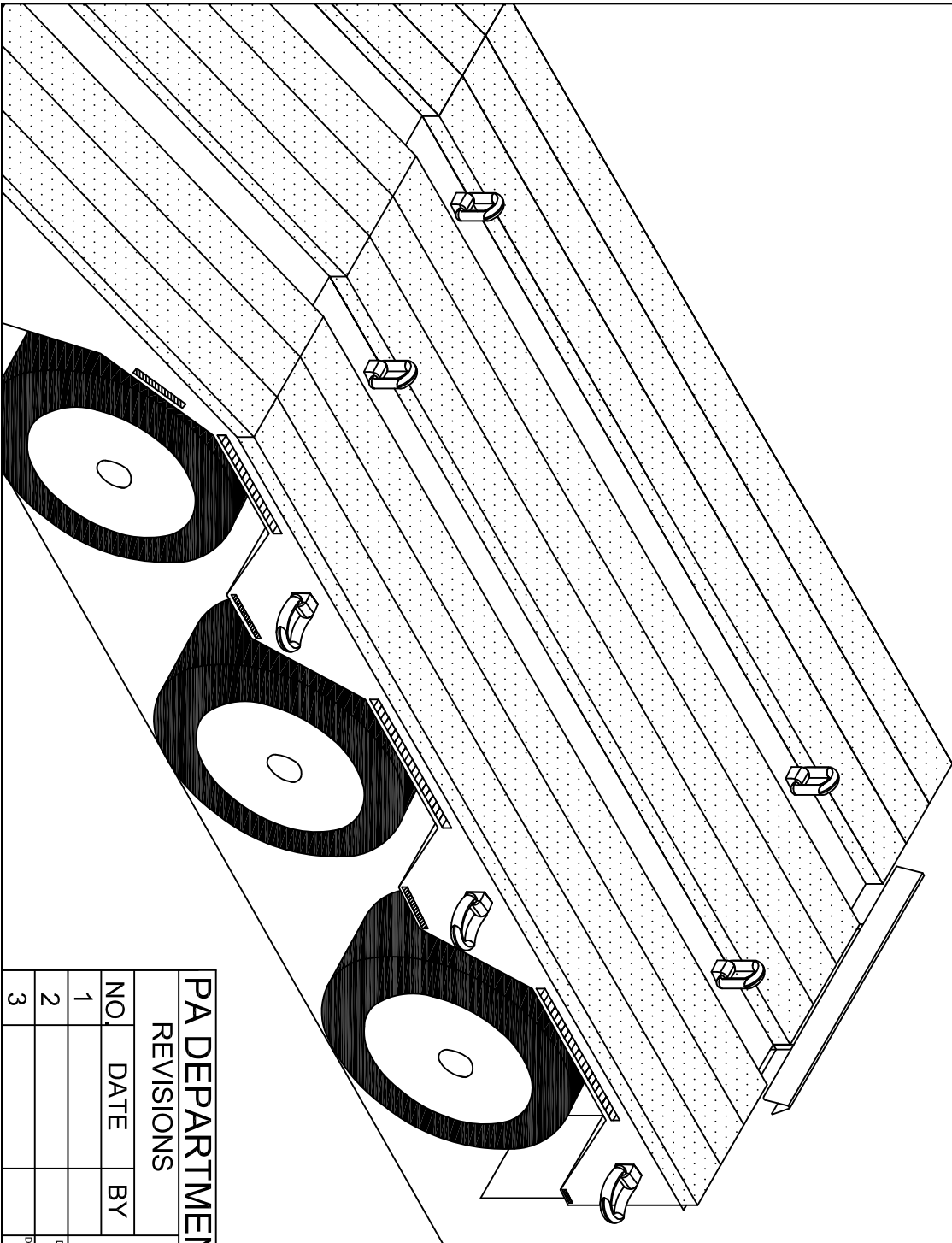
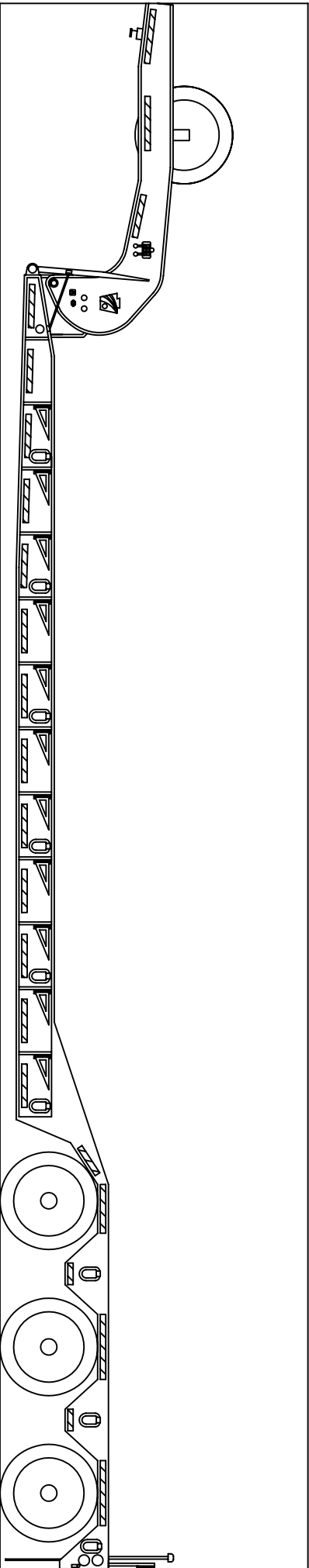
PA DEPARTMENT OF TRANSPORTATION

REVISIONS

LOWBOY PAVER STYLE TRAILER

NO.	DATE	BY	DRAWN BY	DATE
1	12-29-16	JJB	JJB	06-23-15
2	08-08-18	KBD	JJB	N/A
3				N/A

Combined With	SHEET 250P
EQN-1097	SHEET 4 OF 5



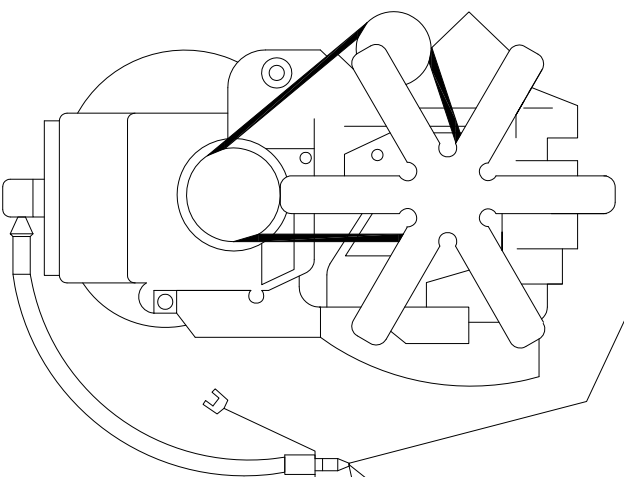
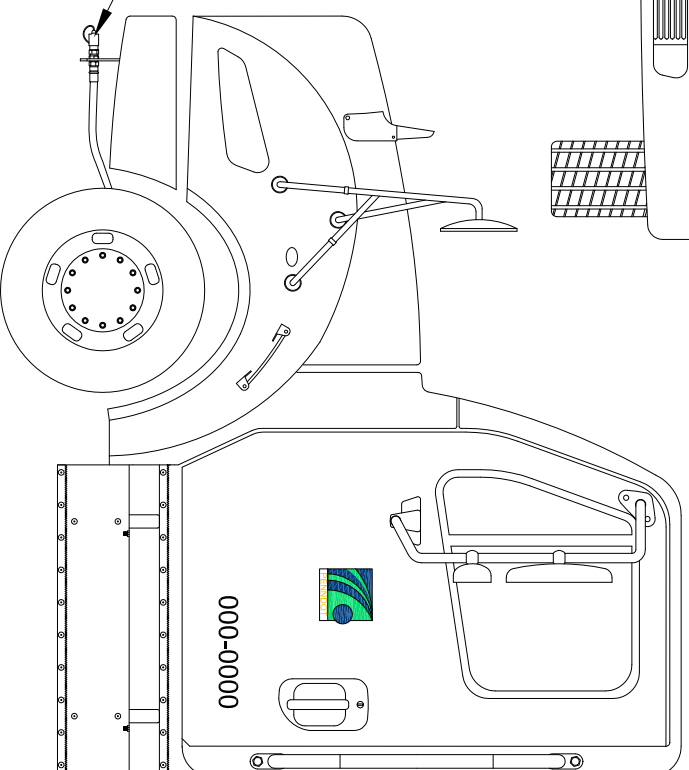
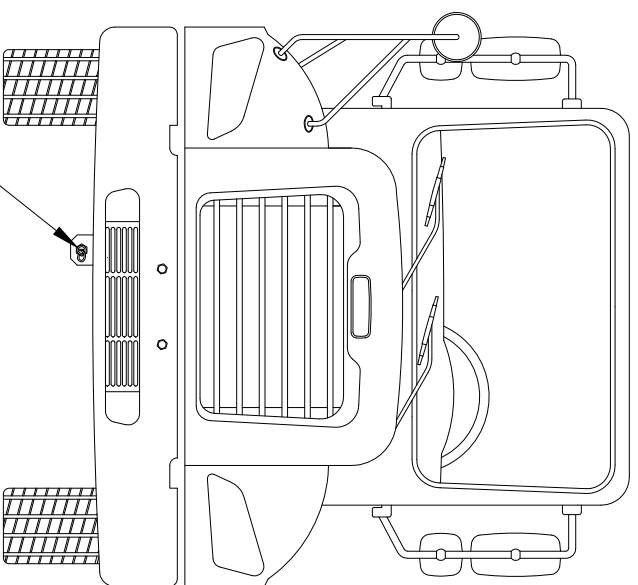
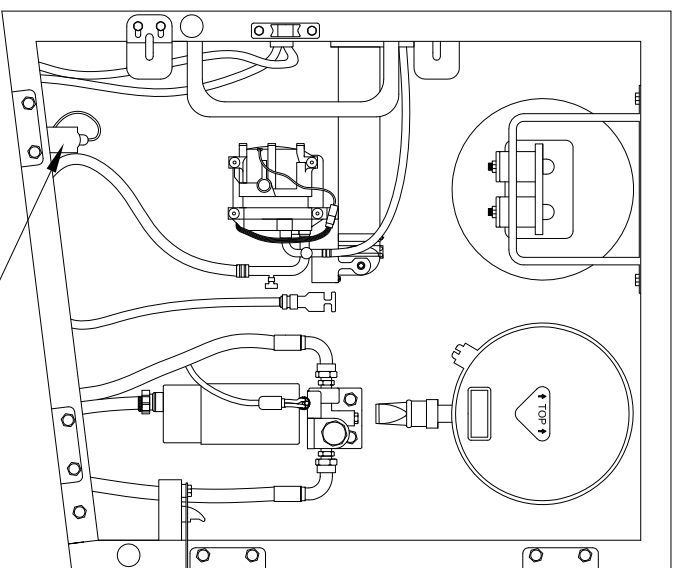
PA DEPARTMENT OF TRANSPORTATION

REVISIONS

NO.	DATE	BY
1		
2		
3		

**LOWBOY PAVER STYLE
TRAIELRS**

DRAWN BY	KBD	Checked With		SHEET 250P
DATE	08-08-18	CHK'D BY	N/A	SHEET 5 OF 5
		Scale	N/A	



DISCONNECT
COUPLING
FLOCS
ENGINE KIT

PA DEPARTMENT OF TRANSPORTATION

REVISIONS

NO	DATE	BY
1	07-01-03	BLD
2	10-20-06	CJW
3	06-19-13	JFM

**FAST LUBE OIL CHANGE SYSTEM
OVERVIEW AND PARTS LIST**

SCALE	DATE
N/A	08-22-97

000-0000



1. CONTACT AEROQUIP WITH YOUR DRAIN PAN PLUG SIZE
2. AEROQUIP DEALER TELEPHONE NUMBERS:

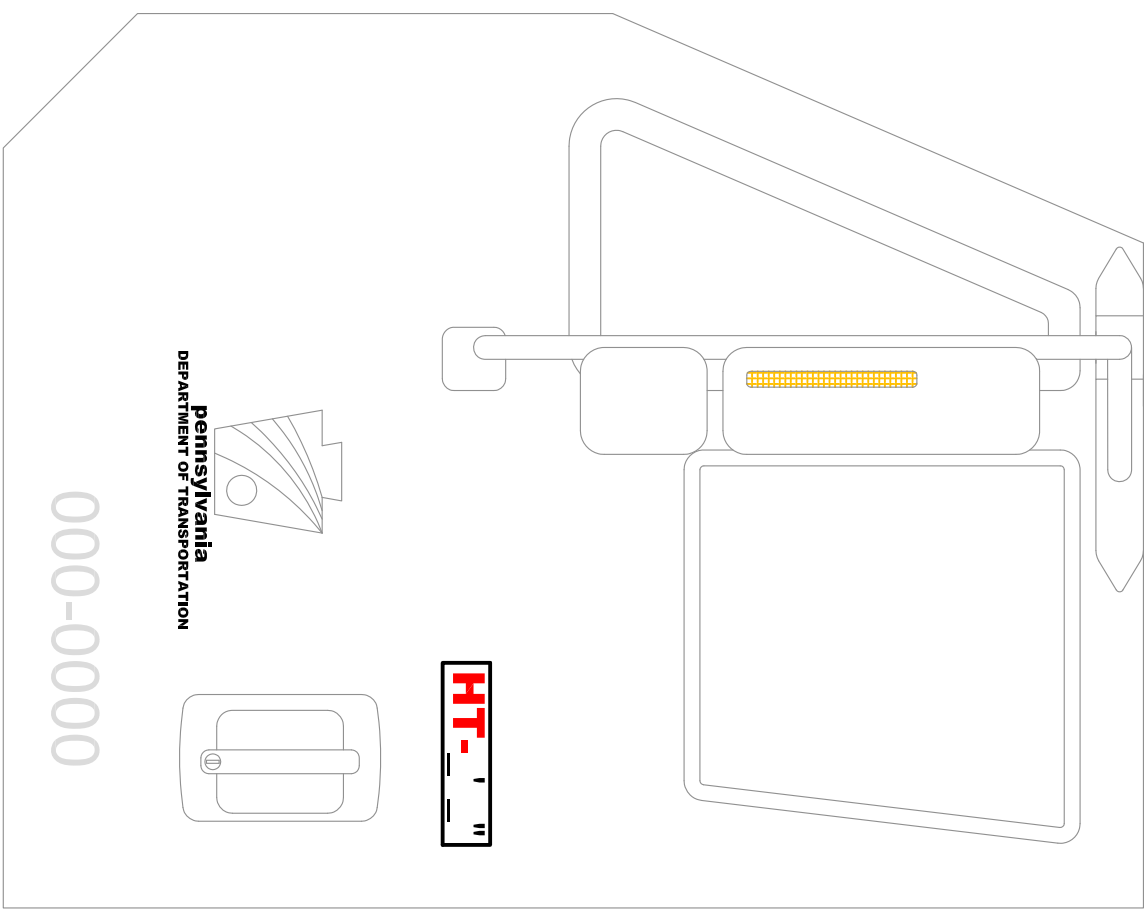
ADVANCED FLUID CONNECTORS..... 717-757-1068
 AIR BRAKE & POWER EQUIPMENT CO.. 717-622-6188
 AMERICAN BEARING & POWER..... 717-569-3291
 GOODALL RUBBER COMPANY 610-534-2100
 POWER DRIVES INC..... 814-833-8181
 R L MILLER INC..... 412-833-6800
 R L MILLER INC..... 814-456-8900
 SRG/BEVCO..... 610-358-3100
 VOTO MANUFACTURERS SALES CO.... 814-226-7101

FLOCS SHALL INCLUDE, BUT NOT LIMITED TO:

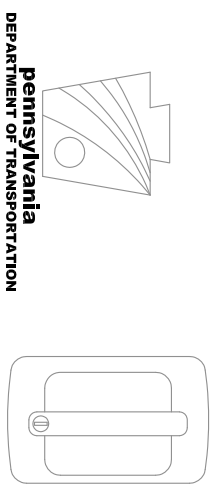
- A. DUST CAP 5657-12
- B. HOSE TO SUIT LENGTH
- C. HOSE FITTING TO SUIT
- D. ADAPTER TO SUIT
- E. HOSE CLAMP #900729-6
- F. BRACKET TO SUIT
- G. COUPLING 5602-12-12S

PA DEPARTMENT OF TRANSPORTATION

REVISIONS		FAST LUBE OIL CHANGE SYSTEM OVERVIEW AND PARTS LIST	
NO	DATE	BY	
1	07-01-03	BLD	
2	10-20-06	CJW	SCALE N/A
3	06-19-13	JFM	DATE 08-22-97



000-0000



THERE SHALL BE A PERMANENT DECAL, 2 INCH HIGH RED LETTERS ON WHITE BACKGROUND AFFIXED BY THE DRIVER SIDE DOOR HANDLE OR OPERATOR STATION STATING THE OVERALL MAXIMUM TRAVEL HEIGHT OF THE COMPLETED AND UNLOADED UNIT.

PA DEPARTMENT OF TRANSPORTATION

REVISIONS

NO.	DATE	BY
1	07-06-17	HMR
2	07-25-18	KBD
3		

MAX TRAVEL HEIGHT STICKER

DRAWN BY	JFM	Checked With	
DATE	05-29-13	CHG'D BY	N/A
		Scale	2
			SHEET 1 OF 1

EQN-552

