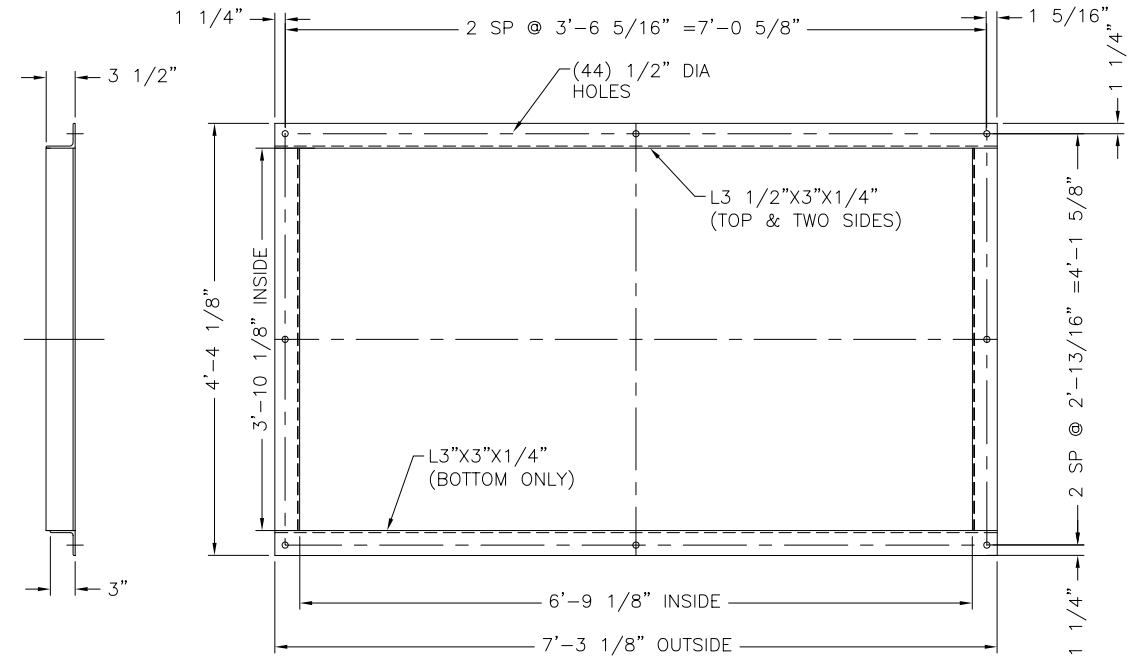
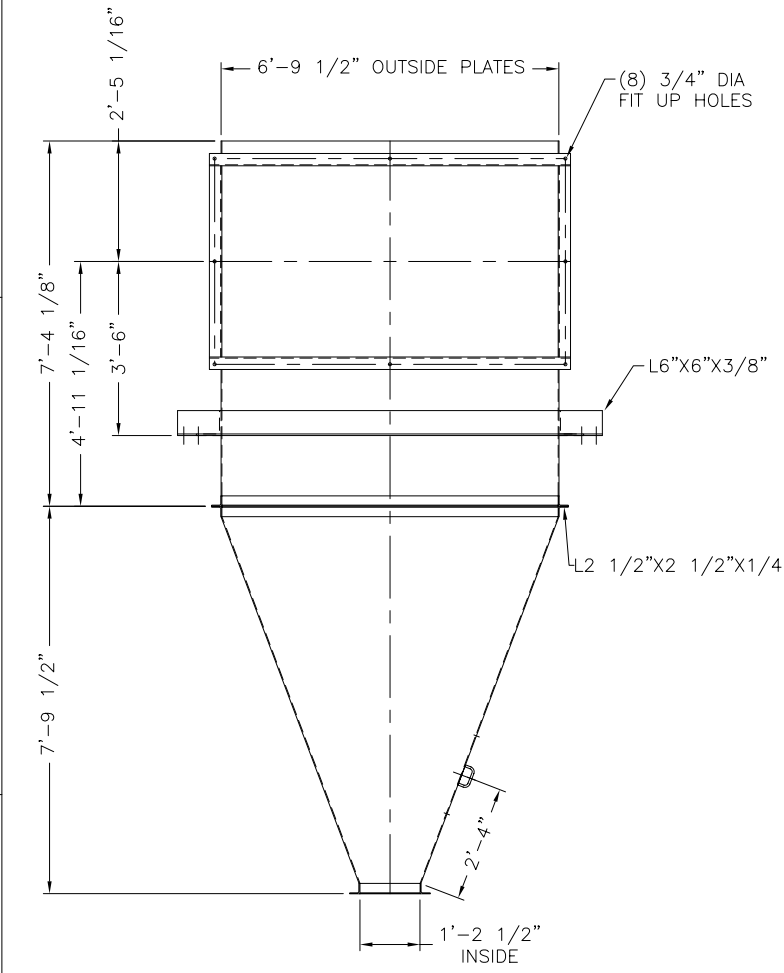


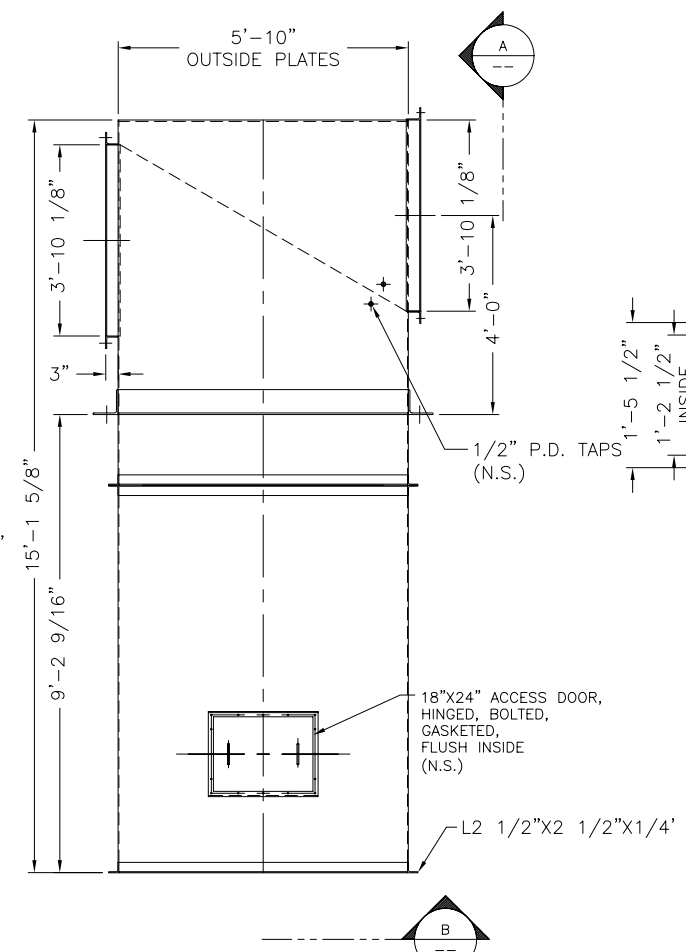
PLAN VIEW



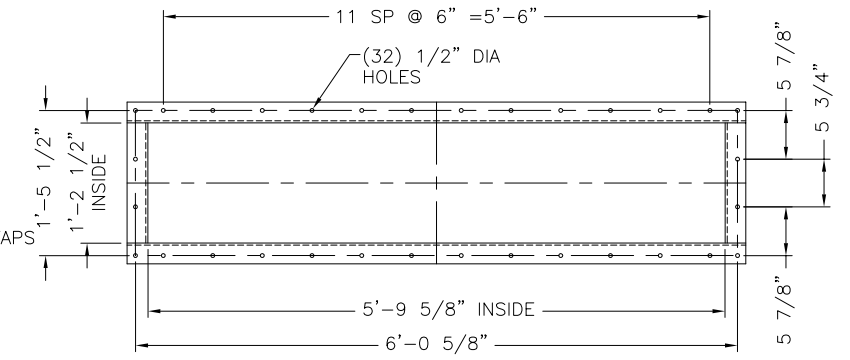
A FLANGE DETAIL
1"=1'-0"



ELEVATION



RIGHT ELEVATION



B FLANGE DETAIL
1"=1'-0"

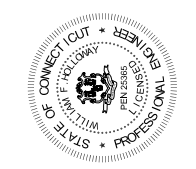
NOTES:

- MATERIAL OF CONSTRUCTION:
 POLYCYCLONES CAST IRON 3/16" (MIN)
 POLYCYCLONE CASING A36 3/16" (MIN)
 DISCHARGE HOPPER AR 400 3/16" (MIN)
- ALL WELDED CONSTRUCTION UNLESS NOTED OTHERWISE. WELDING PER AWS STANDARDS, WELDS MUST BE FREE OF GAS BUBBLES, CLEAN AND DRESS UP ALL WELDS.
- CARBON STEEL PAINT SPECIFICATIONS:
 ALL SURFACES PREPARATION:
 POWER TOOL CLEANING PER SSPC SP 3
 INTERIOR AND EXTERIOR SURFACES:
 PRIME COAT ONLY, APPLY ONE COAT EPOXY PRIMER, 3 MILS DRY FILM THICKNESS.
- FABRICATOR TO SUPPLY ALL FASTENERS INCLUDING BOLTS, NUTS, FLAT AND LOCK WASHERS, AND ALL OTHER MISCELLANEOUS HARDWARE AS REQUIRED.
- BOLTED STRUCTURAL CONNECTIONS TO BE ASTM A-325 UNLESS OTHERWISE NOTED.
- THE POLYCYCLONE SHALL BE OPERATED AT <10% O2 CONCENTRATION TO PROVIDE EXPLOSION PROTECTION IN ACCORDANCE WITH NFPA 654.
- STEEL FABRICATORS TO TAG ALL COMPONENTS (BEFORE SHIPPING) FOR ASSEMBLY. PROVIDE ONE EXTRA COPY OF INSTALLATION INSTRUCTIONS WITH SHIPMENT.

EQUIPMENT SPECIFICATIONS

MANUFACTURER	PROCESS EQPT.
MODEL	37 STD 9CBK15-7X6W
PROCESS AIR FLOW	25,000 ACFM
PROCESS AIR TEMP	200° F
DESIGN PRESSURE	+/- 30" S.P.
WEIGHT, EMPTY	9,482 LBS
MAX. OPERATING WEIGHT	17,620 LBS

TAG EQP'T 40.004.000



DATE:	03/02/06
UT	
CHECKED BY:	
APPROVED BY:	
SCALE:	1/2"=1'-0"
FILE:	152400400
PROJECT NUMBER	1524
TITLE	POLYCYCLONE WITH HOPPER GENERAL ARRANGEMENT
REV	0
REV	1
DATE	06/05/06
DATE	01/16/07
FOR FINAL REVIEW/BUILDING PERMIT	
UPDATE WFG	
REVISION	

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