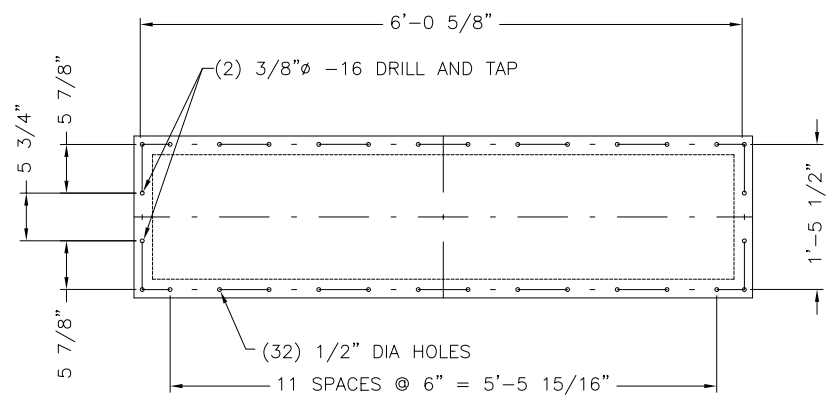
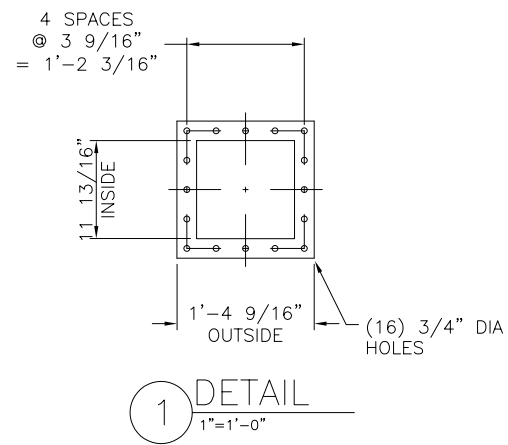


ELEVATION VIEW

END VIEW



HOLE PATTERN FOR POLYCYCLONE
(SCALE: 1"=1'-0")



1 DETAIL
1"=1'-0"

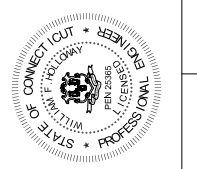
NOTES:

- ALL SCREW CONVEYORS SHALL BE DESIGNED IN STRICT ACCORDANCE WITH CEMA 350
- DIMENSIONAL STANDARDS SHALL COMPLY WITH CEMA 300 STANDARDS
- CONVEYOR MANUFACTURER IS RESPONSIBLE FOR FINAL CONVEYOR SIZING AND HORSEPOWER DETERMINATION
- CONVEYOR RPM SHALL NOT EXCEED 75% OF CEMA 350 TABLE 2-3 RECOMMENDATION. TROUGH LOADING SHALL BE 30% MAXIMUM.
- CONVEYOR TROUGH SHALL BE FORMED FROM 3/16-INCH ASTM A514 STEEL PLATE WITH 3/8" THICK UHMW LINER
- CONVEYOR INLETS AND DISCHARGES SHALL BE 1/4-INCH THICK ASTM A514 PLATE AND BE FLANGED AND GASKETED.
- CONVEYOR FLIGHTING SHALL BE MINIMUM 3/8-INCH ASTM A514 STEEL PLATE WITH MINIMUM BRINELL HARDNESS OF 235.
- THERE SHALL BE NO FLIGHTING OVER DISCHARGE OPENING
- CONVEYOR COVERS SHALL BE MINIMUM 1/8" 304-SS. COVER SHALL BE FORMED FLANGE TYPE WITH COVER BOLTS ON MAXIMUM 6-INCH CENTERS
- CONVEYOR END PLATES SHALL BE MINIMUM 1/4" THICK A514 STEEL PLATE OR HEAVIER AS LISTED IN CEMA 300. PROVIDE GLAND TYPE PACKING AT TAIL END OF CONVEYOR
- CONVEYOR DRIVE SHALL BE SHAFT MOUNTED GEARMOTOR AGMA CLASS II WITH NEMA FRAME, PREMIUM EFFICIENCY, 1.15 SERVICE FACTOR, TEFC MOTOR. GEAR REDUCER SHALL HAVE A MINIMUM 1.4 SERVICE FACTOR BASED ON MOTOR NAMEPLATE HORSEPOWER. GEARMOTOR SHALL BE PRE-FILLED WITH OIL PRIOR TO SHIPMENT.
- ALL CARBON STEEL CONVEYOR COMPONENTS SHALL BE PAINTED OR HOT DIP GALVANIZED AFTER FABRICATION. PAINT SHALL SYSTEM SHALL INCLUDE ABRASIVE BLAST, 2.5 MILS DFT EPOXY PRIMER, AND 3.0 MILS POLYURETHANE ENAMEL TOPCOAT.
- ALL BEARINGS, PACKINGS, DRIVES, MOTORS, AND ACCESSORIES SHALL BE FINISHED PAINTED WITH POLYURETHANE ENAMEL TO MATCH
- PROVIDE TELEMECANIQUE SPEED SWITCH MODEL XSAV11801. MOUNT ZERO SPEED WITH STAINLESS STEEL BRACKET ON NON-DRIVEN END OF CONVEYOR.

EQUIPMENT SPECIFICATIONS

MANUFACTURER	ANDRITZ
MODEL	14" SCREW FEEDER
MOTOR	5HP 460/3/60 TEFC
CAPACITY	34,000 LBS/HR
SPEED	33 RPM
FLIGHTS	VARIABLE PITCH

TAG EQP'T 40.007.000



DATE	01/16/07	DATE	06/05/06
REV	0	REV	1
DESCRIPTION	FOR FINAL REVIEW/BUILDING PERMIT	DESCRIPTION	UPDATED LAYOUT

DATE	6/2/06
UT	
CHECKED BY:	
APPROVED BY:	
SCALE	1"=1'-0"
FILE	152400700
SIZE	
PROJECT NUMBER	DDS40

JOB NAME	CITY OF STAMFORD CONNECTICUT SOLIDS DRYING PROJECT
TITLE	SCREW CONVEYOR (007) GENERAL ARRANGEMENT
PROJECT NUMBER	1524
DRAWING NUMBER	007-00
SHEET	1 OF 1

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