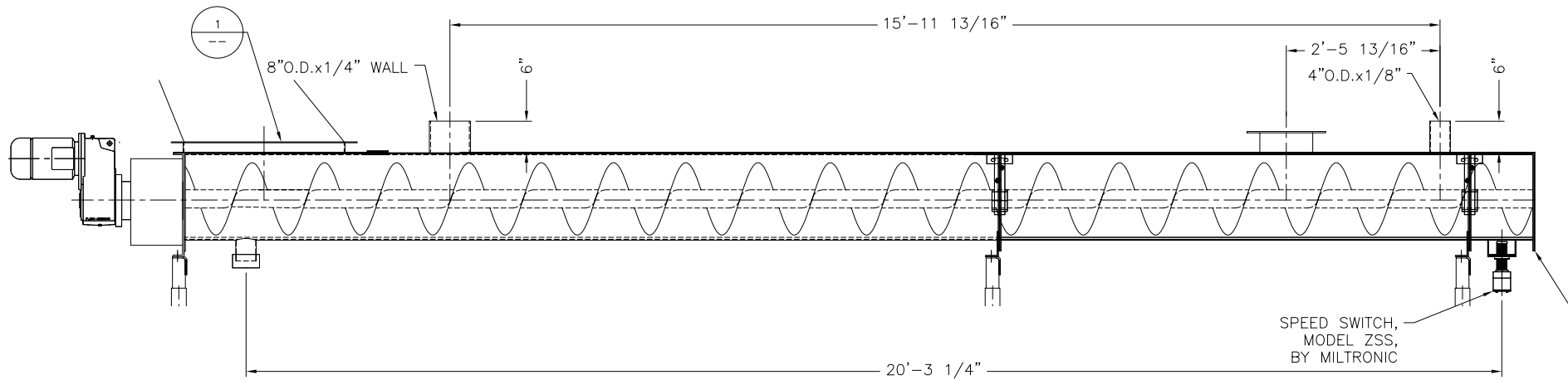
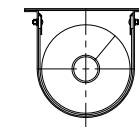


PLAN VIEW



ELEVATION VIEW



END VIEW

U FLANGE TO MATCH UP TO 012

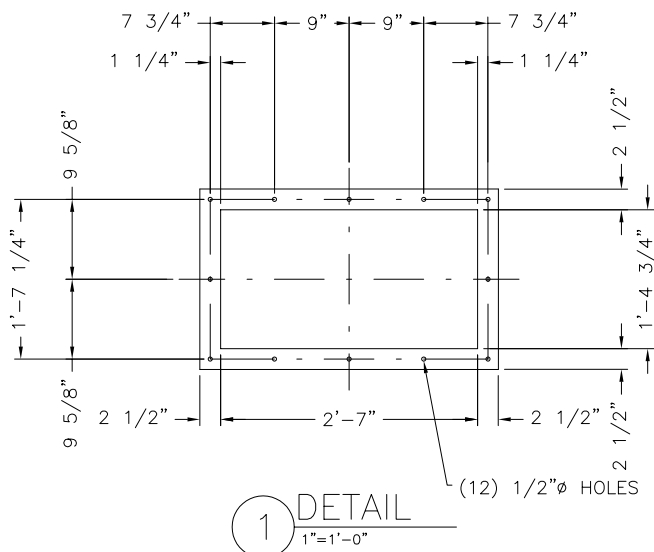
NOTES:

1. ALL SCREW CONVEYORS SHALL BE DESIGNED IN STRICT ACCORDANCE WITH CEMA 350
2. DIMENSIONAL STANDARDS SHALL COMPLY WITH CEMA 300 STANDARDS
3. CONVEYOR MANUFACTURER IS RESPONSIBLE FOR FINAL CONVEYOR SIZING AND HORSEPOWER DETERMINATION
4. CONVEYOR RPM SHALL NOT EXCEED 75% OF CEMA 350 TABLE 2-3 RECOMMENDATION. TROUGH LOADING SHALL BE 30% MAXIMUM.
5. CONVEYOR TROUGH SHALL BE FORMED FROM 3/16-INCH ASTM A514 STEEL PLATE WITH 3/8" THICK UHMW LINER
6. CONVEYOR INLETS AND DISCHARGES SHALL BE 1/4-INCH THICK ASTM A514 STEEL AND BE FLANGED AND GASKETED.
7. CONVEYOR FLIGHTING SHALL BE MINIMUM 3/8-INCH ASTM A514 STEEL PLATE WITH MINIMUM BRINELL HARDNESS OF 235.
8. THERE SHALL BE NO FLIGHTING OVER DISCHARGE OPENING
9. CONVEYOR COVERS SHALL BE MINIMUM 1/8" 304-SS. COVER SHALL BE FORMED FLANGE TYPE WITH COVER BOLTS ON MAXIMUM 6-INCH CENTERS
10. CONVEYOR END PLATES SHALL BE MINIMUM 1/4" THICK A514 STEEL PLATE OR HEAVIER AS LISTED IN CEMA 300.
11. 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.
12. 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.
13. ALL BEARINGS, PACKINGS, DRIVES, MOTORS, AND ACCESSORIES SHALL BE FINISHED PAINTED WITH POLYURETHANE ENAMEL TO MATCH
14. PROVIDE MILTRONIC SPEED SWITCH MODEL ZSS. MOUNT ZERO SPEED WITH STAINLESS STEEL BRACKET ON NON-DRIVEN END OF CONVEYOR.

EQUIPMENT SPECIFICATIONS

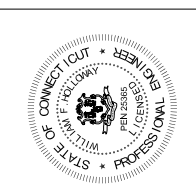
MANUFACTURER	ANDRITZ
MODEL	14" SCREW CONVEYOR
MOTOR	5HP 460/3/60 TEFC
CAPACITY	34,000 LBS/HR
SPEED	33 RPM
FLIGHTS	STANDARD PITCH

TAG EQP'T 40.011.000



1 DETAIL
1"=1'-0"

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

DATE	6/5/06
DRAWN BY	UT
CHECKED BY	
APPROVED BY	
SCALE	3/4"=1'-0"
FILE	152401100
PROJECT NUMBER	1524
TITLE	RECYCLE SCREW CONVEYOR (011)
PROJECT NAME	CITY OF STAMFORD CONNECTICUT SOLIDS DRYING PROJECT
LOG NAME	DDSS40
GENERAL ARRANGEMENT	

DRAWING NUMBER	011-00	REV	1
SHEET	1 OF 1		

