



DATE: 01/17/07  
 06/05/06

1	UPDATED ELEVATION & NOTES
0	FOR FINAL REVIEW/BUILDING PERMIT
	REVISION

DATE: 6/5/06  
 UT  
 FILE: 152401200

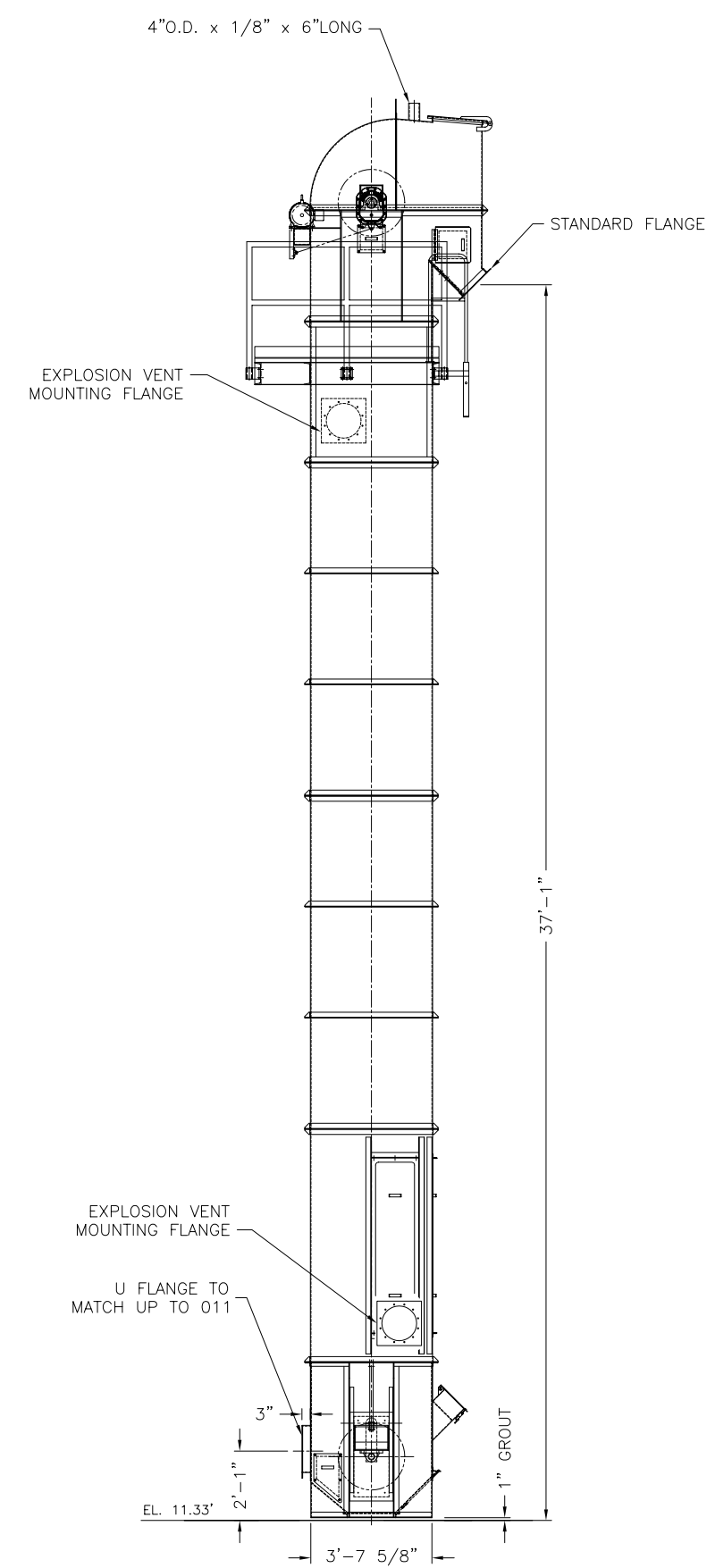
CITY OF STAMFORD CONNECTICUT SOLIDS DRYING PROJECT	PROJECT NUMBER: 1524
BUCKET ELEVATOR (012) GENERAL ARRANGEMENT	DRAWING NUMBER: 012-00
	SHEET 1 OF 1

- NOTES:**
- ALL BUCKET ELEVATORS SHALL BE BELT TYPE WITH NYLON BUCKETS.
  - CASING SHALL BE STAINLESS STEEL 10 GA (MIN).
  - LOADING BOOT SHALL BE STAINLESS STEEL 3/16" (MIN)
  - HEAD SECTION SHALL BE 12 GA (MIN).
  - SHAFTS SHALL BE COLD ROLLED STEEL.
  - ALL BUCKET ELEVATORS SHALL BE CENTRIFUGAL DISCHARGE
  - ELEVATORS PLATFORMS SHALL BE DESIGNED TO BE DUST AND WEATHER TIGHT. PROVIDE ADJUSTABLE DUST SEALS AT BOOT TAKE-UP.
  - ELEVATORS REQUIRE LATERAL BRACING. CONTRACTOR TO COORDINATE BRACING LOCATIONS WITH BUILDING AND EQUIPMENT ACCESS PLATFORMS. LATERAL BRACING SHALL BE L2X2X3/16 GALVANIZED STEEL ANGLE.
  - BUCKET ELEVATORS PLATFORMS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION
  - ELEVATOR CASING SECTIONS SHALL BE MINIMUM 10-GAUGE PLATE. PROVIDE 5-FOOT REMOVABLE PANEL FOR BUCKET INSTALLATION AND 2-FOOT ACCESS DOOR IN BOTTOM CASING SECTION
  - ELEVATOR HEAD SECTION SHALL BE MINIMUM 12-GAUGE PLATE. PROVIDE VENT CONNECTION ON HEAD SECTION. HEAD SECTION SHALL BE SPLIT FOR MAINTENANCE AND INSPECTION
  - ELEVATOR SHALL BE PROVIDED WITH 12-INCH FLANGES TO MOUNT EXPLOSION RELIEVE DEVICES AT TOP AND BOTTOM OF ELEVATOR CASING.
  - ELEVATOR HEAD PULLEY SHALL HAVE NON-SLIP RUBBER LAGGING. LAGGING AND BELT MATERIAL SHALL BE STATIC DISSIPATIVE. ELEVATOR BELTING SHALL BE 3-PLY 250 LB. MINIMUM PIW.
  - ALL CASINGS AND FLANGES SHALL BE SEAL WELDED
  - ALL ELEVATOR SECTIONS SHALL BE FLANGED AND GASKETED
  - ALL SUB-ASSEMBLIES AND ELEVATOR COMPONENTS SHALL BE MATCH MARKED TO AID IN FIELD ASSEMBLY.
  - BUCKET ELEVATOR MANUFACTURER IS RESPONSIBLE FOR FINAL BUCKET ELEVATOR SIZING AND HORSEPOWER DETERMINATION.
  - ELEVATOR DRIVE SHALL BE SHAFT MOUNTED GEARMOTOR AGMA CLASS II WITH NEMA FRAME PREMIUM EFFICIENCY, 1.15 SERVICE FACTOR TEFC MOTOR. GEAR DRIVE SHALL HAVE A MINIMUM 1.4 SF BASED UPON MOTOR NAMEPLATE HORSEPOWER. GEARMOTOR SHALL BE PRE-FILLED WITH OIL PRIOR TO SHIPMENT.
  - ALL BEARINGS, PACKINGS, DRIVES, MOTORS, AND ACCESSORIES SHALL BE FINISHED PAINTED WITH POLYURETHANE ENAMEL TO MATCH.
  - ZERO SPEED SWITCH SHALL BE TELEMECANIQUE MODEL XSAV11801. MOUNT ZERO SPEED WITH STAINLESS STEEL BRACKET ON NON-DRIVEN BOOT SHAFT.

**EQUIPMENT SPECIFICATIONS**

MANUFACTURER	ANDRITZ
MODEL	B106-144
MOTOR	3 HP 460/3/60 TEFC
MOTOR SPEED	1,800 RPM
CAPACITY	800 CU FT/HOUR
WEIGHT	5,000 LBS

TAG EQP'T 40.012.000



ELEVATION VIEW

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