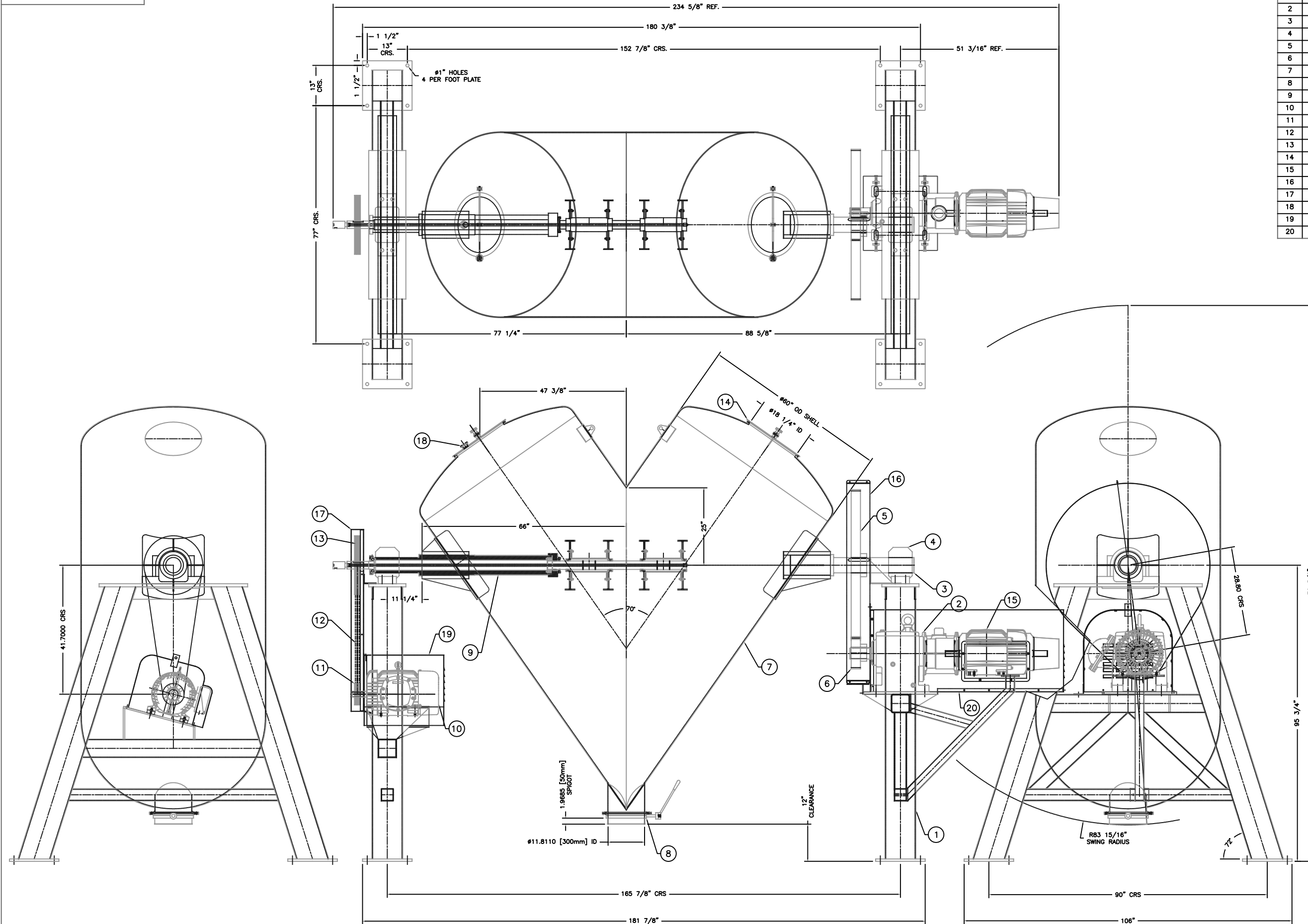


LIST OF MATERIAL

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	101-072	BASE ASSEMBLY
2	1	SK83-320TC	"NORD" PARALLEL HELICAL GEAR REDUCER 48.67:1 RATIO, 39RPM, 25HP
3	1	105-050	DRIVE SHAFT
4	2	SAFD22528-4 15/16	4 15/16" SPLIT HOUSING PILLOW BLOCK NICKEL PLATE
5	1	SPECIAL	DRIVEN GEAR 120 TOOTH, 2 1/2" DP., 14 1/2" PA., 3" FACE
6	1	SPECIAL	DRIVE GEAR 24 TOOTH, 2 1/2" DP., 14 1/2" PA., 3" FACE
7	1	102-072	"V" SHELL ASSEMBLY
8	1	106-020	300mm STERIVALVE w/ MANUAL HAND LEVER, ND300 TYPE C
9	1	109-092	INTENSIFIER BAR ASSEMBLY
10	1	286T	INTENSIFIER BAR MOTOR, 30HP, 1750 RPM 230/460-3-60 TEMP ENCLOSURE, WEG OR EQUAL
11	1	4-3V6.90	DRIVE PULLEY INTENSIFIER BAR
12	4	3V1250	V-BELT INTENSIFIER BAR
13	1	4-3V19.0	DRIVEN PULLEY INTENSIFIER BAR
14	2	104-032	COVER ASSEMBLY
15	1	320TC	"LINCOLN" EXPLOSION PROOF MOTOR 1750RPM, 25HP 230/460-3-60, w/110 VOLT STEARNS XP ELECTRIC BRAKE
16	1	111-040	GEAR GUARD
17	1	111-039	BELT GUARD
18	1	104-046	VENT
19	1	111-044	INTENSIFIER BAR MOTOR GUARD
20	1	111-045	GEAR REDUCER GUARD

NOTES:

- WORKING CAPACITY 150 CU.FT.
- ESTIMATED WEIGHT IS 9500 lbs.
- ALL SHELL CONTACT PARTS T316 SS CONSTRUCTION WITH A No. 4 INTERNAL FINISH, WELDS GROUND SMOOTH TO 240 GRIT. EXTERIOR TO HAVE A BUFF FINISH, WELDS CONTINUOUS. GROUND SMOOTH TO 120 GRIT.
- ALL SHAFT HUBS, GUSSETS, AND CHEEKPLATES, T304SS CONSTRUCTION WELDS CONTINUOUS, SURFACES GLASS BEADED. SUPPORT FRAMEWORK T304SS, WELDS, CONTINUOUS, SURFACES GLASS BEADED. SUPPORTS TO BE SAND-FILLED FOR SHOCK ABSORPTION.
- DISCHARGE VALVE: ND300-C STERIVALVE, SS316 HOUSING, SS VANE + STEM, FDA SILICONE SEAT. VALVE HOUSING CLAMPED TO BLENDER OUTLET. HOUSING OPPOSITE CLAMP IS EQUIPPED WITH 50mm WELD SPIGOT. VALVE OPERATED VIA MANUAL LEVER CONTROL.
- ELECTRICAL CONTROLS BY CUSTOMER.
- FOUNDATION BOLTS, ANCHORS, BY CUSTOMER.



ISO 9002 CHECKLIST	TECHNICIAN	INSPECTED BY	DATE
SHEAR, BRAKE & ROLL			
FABRICATION			
WELDING			
WELD TREATMENT PROCEDURE			
ACID PASSIVATION			
FINAL INSPECTION & TESTING			
PACKAGING AND CRATING			

FINAL APPROVAL - Q.A. MANAGER

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TOLERANCE UNLESS OTHERWISE SPECIFIED	E	DATE	BY
JOX ± .001	D	13/02/04	FT
JOX ± .010	C	10/11/03	FT
FRACTIONS ± 1/32	B	04/11/03	FT
ANGLES ± 30'	A	07/01/03	FT
FIN. MICRO INCH	NO		

PART SHALL BE FREE OF ALL BURRS & SHARP EDGES.

A+M Process Equipment Ltd.
Ajax, Ontario

MODEL: **ATS1500LS**
V-SHELL BLENDER

TITLE: **GENERAL ASSEMBLY**
O'HARA TECHNOLOGIES

DRAWING No: **100-061**

DATE: **19/11/2002**

SCALE: **1/16" - 1"**

ISSUE: **ORIGINAL**

JOB No: **J1202173**

CHKD: **JFL**

APPR: **JFL**

REVISION: **D**