

WC-400256

CAD GENERATED DRAWING

CHANGE DESCRIPTION	DATE	ZONE
1. EXH. WAS 10" CL. 150 RF DIM. TO EXH. (SHT. 1) WAS 19.24 [488.7] NELSON 4-22-93		

PURCHASER'S CONNECTIONS

A3 - 1/4" NPT PNEUMATIC CONNECTION FOR INLET VALVE
ACTUATOR SUPPLY. 30-145 PSIG.

C2B - 1/2" NPT CONDUIT CONNECTION FOR INLET VALVE
ACTUATOR.

4 MA - 5700 RPM
20 MA - 6300 RPM

INSTALLATION NOTES

1. TURBINE COMPLETE WITH DRIVEN EQUIPMENT SHOULD BE SUPPORTED ON A RIGID AND SUBSTANTIAL FOUNDATION.
2. ALL FORCES AND MOMENTS EXERTED BY STEAM PIPING CONNECTED TO THE TURBINE MUST NOT EXCEED LIMITS SPECIFIED BY PART B OF NEMA STANDARD SM23-1991.
3. A RELIEF VALVE SHOULD BE INSTALLED BETWEEN THE TURBINE EXHAUST CONNECTION AND THE FIRST SHUT-OFF VALVE. THE VALVE SHOULD BE DESIGNED FOR FULL RELIEF OF THE MAXIMUM STEAM FLOW THROUGH THE INLET LINE.
4. A STEAM TRAP SHOULD BE INSTALLED IN THE LOW POINT OF THE EXHAUST LINE TO PREVENT ACCUMULATION OF WATER IN THE TURBINE CASING. WHEN USED FOR STAND-BY SERVICE, AN ADDITIONAL STEAM TRAP IS REQUIRED IN THE INLET LINE.
5. DOWEL HOLES ARE TO BE REAMED AND DOWELS FITTED AFTER FINAL COUPLING ALIGNMENT.
6. WHEN VIEWED FROM THE GOVERNOR END (SEE ROTATION ARROW), ROTATION IS:
☒ CLOCKWISE ☐ COUNTER-CLOCKWISE
7. TURBINE INSULATION AND JACKETING INCLUDED: ☐ YES ☒ NO
TURBINE BLANKET TYPE INSULATION INCLUDED: ☐ YES ☒ NO
8. VERTICAL POSITIONING SCREWS FURNISHED: ☐ YES ☒ NO

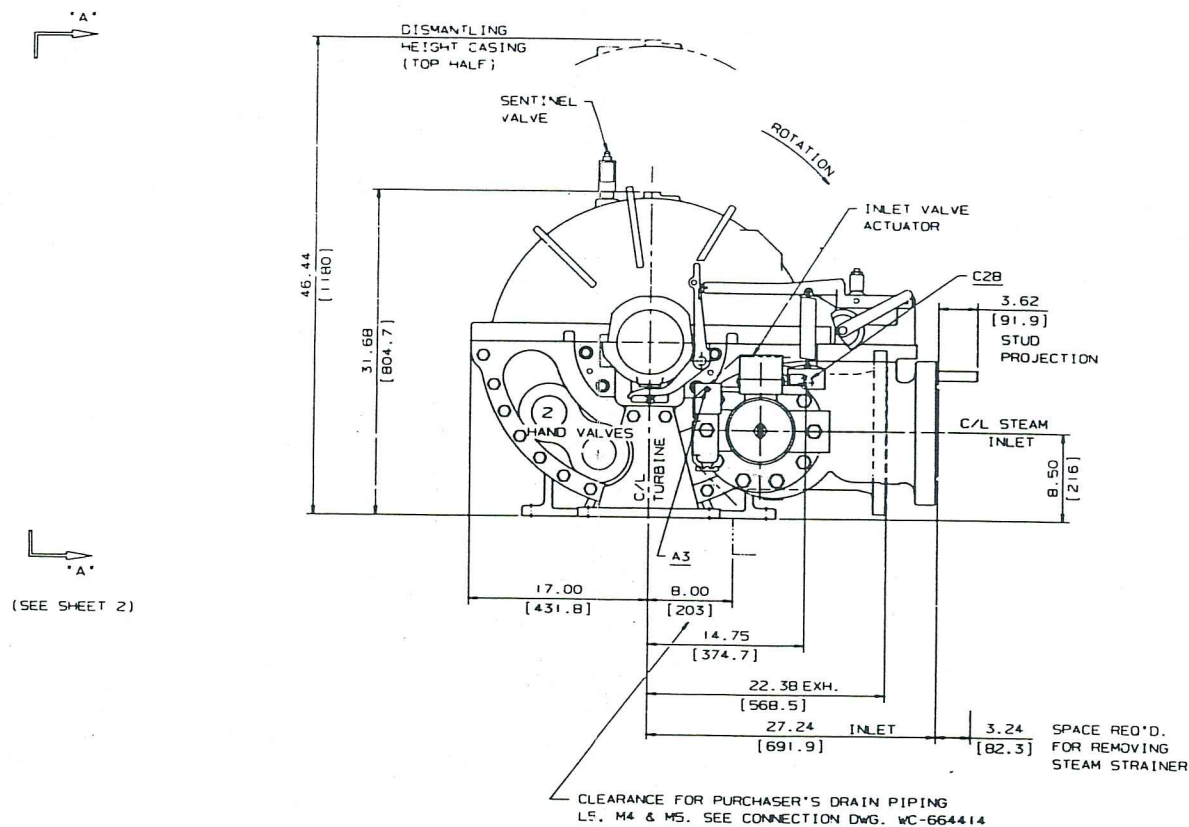
GENERAL NOTES

THE FOLLOWING ITEMS NOT FURNISHED BY ELLIOTT COMPANY ARE REQUIRED TO COMPLETE INSTALLATION OF THE TURBINE: INLET, EXHAUST, DRAIN AND WATER PIPING, FITTINGS, RELIEF VALVE, MISCELLANEOUS VALVES AND GAUGES, BOLTS FOR EXHAUST CONNECTION, FOUNDATION BOLTS, NUTS, WASHERS, DOWELS, SHIMS AND STEAM TRAP.

BOLTS IN INLET AND EXHAUST CONNECTIONS TO STRADDLE CENTERLINE AS SHOWN. INLET AND EXHAUST CONNECTIONS WILL MATCH WITH ANSI STANDARD CONNECTIONS. INLET STUDS AND NUTS FURNISHED BY ELLIOTT COMPANY.

TURBINE BEARINGS: ☒ PRESSURE LUBRICATED ☐ RING OILED

ALL DIMENSIONS ABOVE THE DIMENSION LINES ARE IN INCHES. BELOW THE DIMENSION LINES ARE IN MILLIMETRES.



APPROX. MASS		lbs	kg
NET		1750	794
SHIPPING		2050	930
ROTOR		295	134
CASING (TOP HALF)		300	136
OIL PIPING	XC-412080		
PURCHASER'S CONNECTIONS	X-664414		
REFERENCE DRAWINGS	DWG. NO.	INSTRUCTION BOOK: 100M	

NAMEPLATE RATING	2095 1500	HP KW	TURBINE	6000	REV/MIN			
INLET PRESS. (GAGE)	600	PSI	INLET TEMP.	750	°F °C	EXHAUST PRESS. (GAGE)	70	PSI
HAND VALVES FURNISHED: TWO								
MINIMUM NO. 1&2 CLOSED	837	HP KW	6000	REV/MIN	INLET PRESS. (GAGE)	600	PSI	IN
NORMAL NO. 2 OPEN	1500	HP KW	6000	REV/MIN	INLET PRESS. (GAGE)	600	PSI	IN
MAXIMUM NO. 1&2 OPEN	2095 1500	HP KW	6000	REV/MIN	INLET PRESS. (GAGE)	600	PSI	IN
API NO.		HP KW		REV/MIN	INLET PRESS. (GAGE)		PSI	IN

PURCHASER'S IDENTIFICATION

EWING POWER SYSTEMS, INC.
P.O. BOX 3358
USER: CONCORD STEAM CORPORATION

CERTIFIED FOR CONSTRUCTION

S.O. C302206 G.O. NY930029 SERIAL C302206

FOR APPROVAL ☐ ESTABLISH
AVOID DELAY-TO MAINTAIN
SHIPPING PROMISE ONE APPROVED
PRINT MUST BE RETURNED
BY DATE
FOR RECORD ☒
ANY REQUESTED CHANGE OF THIS
EQUIPMENT WILL RESULT IN
CONTRACT PRICE ADJUSTMENT
2 EXTENDED SHIPPING PROMISE AS
THIS CONTRACT IS IN MANUFACTURING
PROCESS
BY R. ROYER DATE 4-30-93

THIS DRAWING SUPERSEDES
DWG. NO. WC-400256 REV. Q DATED 3-26-93

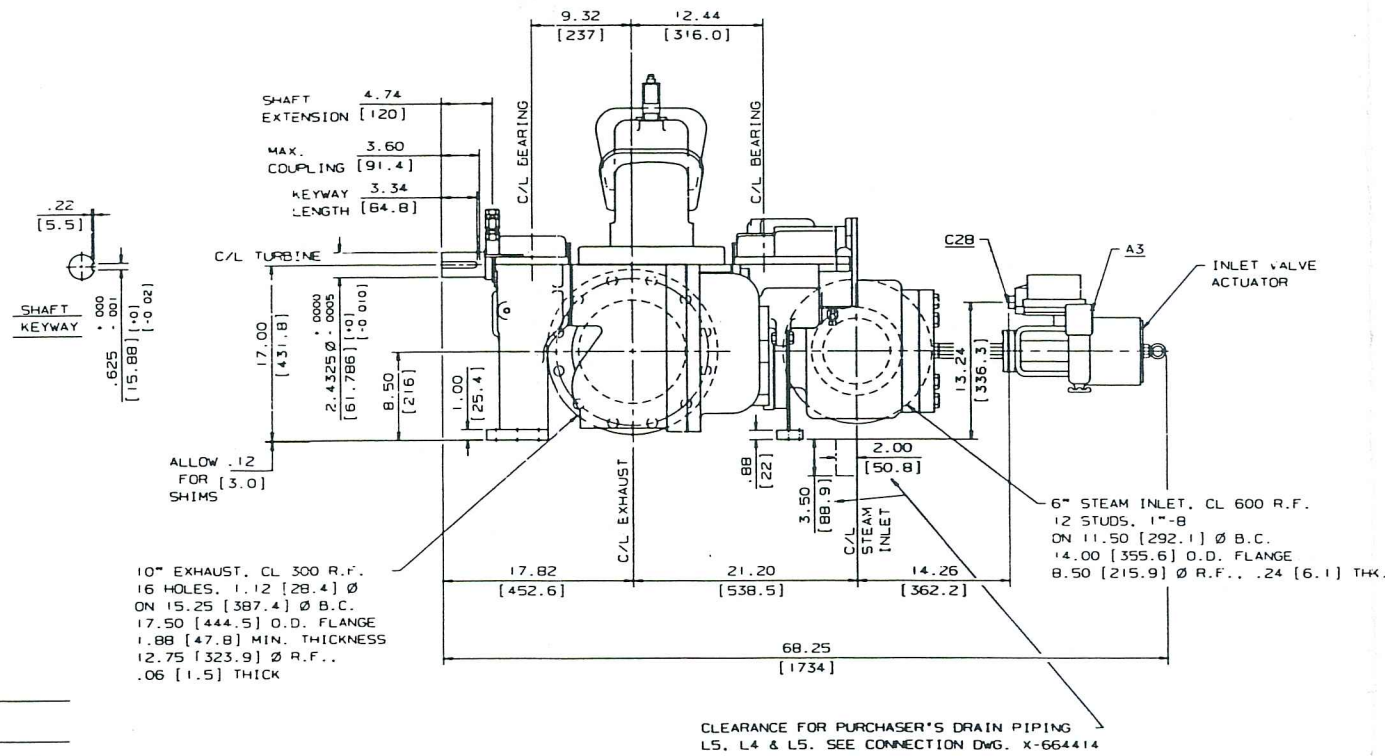
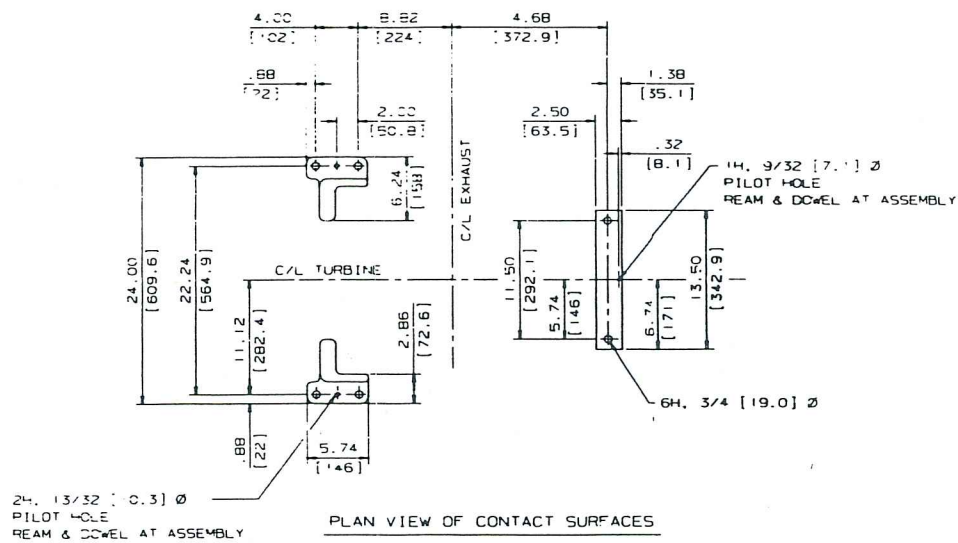
CYRPE TURBINE OUTLINE

DR. CARLSON
CK. MICHALCZAK
ENG. AP T. R.
ENG. AP T. R.
DATE 3-9-93
S.O. C302206
SCALE N.T.S.
SIMILAR TO

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CAD GENERATED DRAWING
WC-400256 REV. I

WC-400256



CAD GENERATED DRAWING	
CHANGE DESCRIPTION	API ZONE
SHEET 1	NELSON 4-22-93

CYRPE TURBINE OUTLINE	
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P.G. NO. 2-13