

WC-400227

CAD GENERATED DRAWING
CHANGE DESCRIPTION API ZONE

PURCHASER'S CONNECTIONS

A3 - 1/4" NPT PNEUMATIC CONNECTION FOR
INLET VALVE ACTUATOR SUPPLY. 30-145 PSIG.C15 - 1/2" NPT CONDUIT CONNECTION
FOR LIMIT SWITCH.C28 - 1/2" NPT CONDUIT CONNECTION FOR
INLET VALVE ACTUATOR.4 MA - 4285 RPM
20 MA - 4737 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 8 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

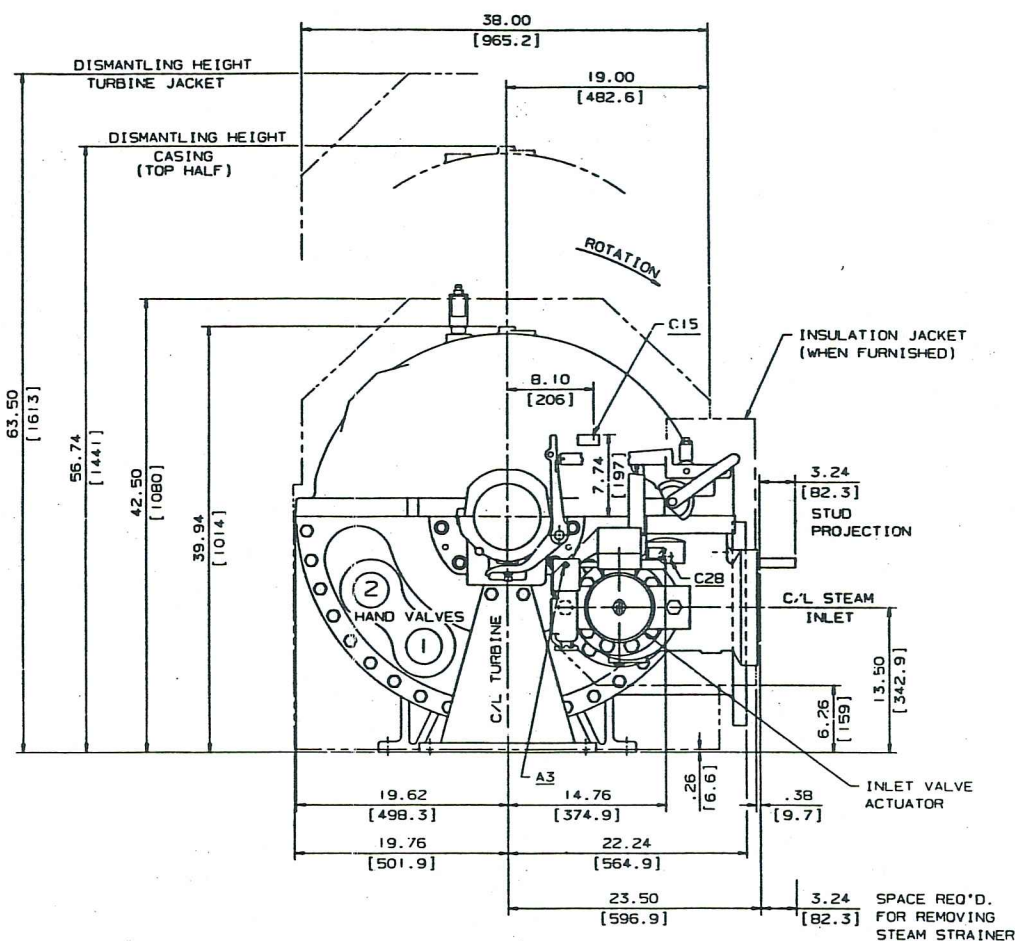
GENERAL NOTES

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.



(SEE SHEET 2)

	APPROX. MASS	lbs	kg
NET	2300	1045	
SHIPPING	2600	1180	
ROTOR	432	196	
CASING (TOP HALF)	375	170	
OIL PIPING	XC-412058		
PURCHASER'S CONNECTIONS	X-664415		
REFERENCE DRAWINGS	DWG. NO.	INSTRUCTION BOOK: 100M	

NAMEPLATE RATING	1425	HP	TURBINE	4511	REV/MIN
INLET PRESS. (GAGE)	600	PSI	INLET TEMP.	750	°F
EXHAUST PRESS. (GAGE)	25	PSI			
HAND VALVES FURNISHED: TWO					
MINIMUM NO. 1/2 CLOSED	399	HP	4511	REV/MIN	
NORMAL NO. 1 OPEN	983	HP	4511	REV/MIN	
MAXIMUM NO. 1/2 OPEN	690	HP	4511	REV/MIN	
NO.	1425	HP			
	1000	HP			

TURBINE SERIAL NO. C302311

INLET PRESS. (GAGE)	600	PSI	INLET TEMP.	750	°F	EXHAUST PRESS. (GAGE)	25	PSI
INLET PRESS. (GAGE)	600	PSI	INLET TEMP.	750	°F	EXHAUST PRESS. (GAGE)	25	PSI
INLET PRESS. (GAGE)	600	PSI	INLET TEMP.	750	°F	EXHAUST PRESS. (GAGE)	25	PSI
INLET PRESS. (GAGE)	PSI		INLET TEMP.	°F		EXHAUST PRESS. (GAGE)	PSI	

PURCHASER'S IDENTIFICATION

TURBINE REPLACEMENT

CERTIFIED FOR CONSTRUCTION

PURCHASER'S IDENTIFICATION
USER CONCORD STEAM
S.O. C302311 G.O. NY930022 SERIAL C302311

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
1 CONTRACT PRICE ADJUSTMENT
2 EXTENDED SHIPPING PROMISE AS
THIS CONTRACT IS IN MANUFACTURING
PROCESS
BY R. BOYER DATE 2-5-93

THIS DRAWING SUPERSEDES
DWG. NO. DATED

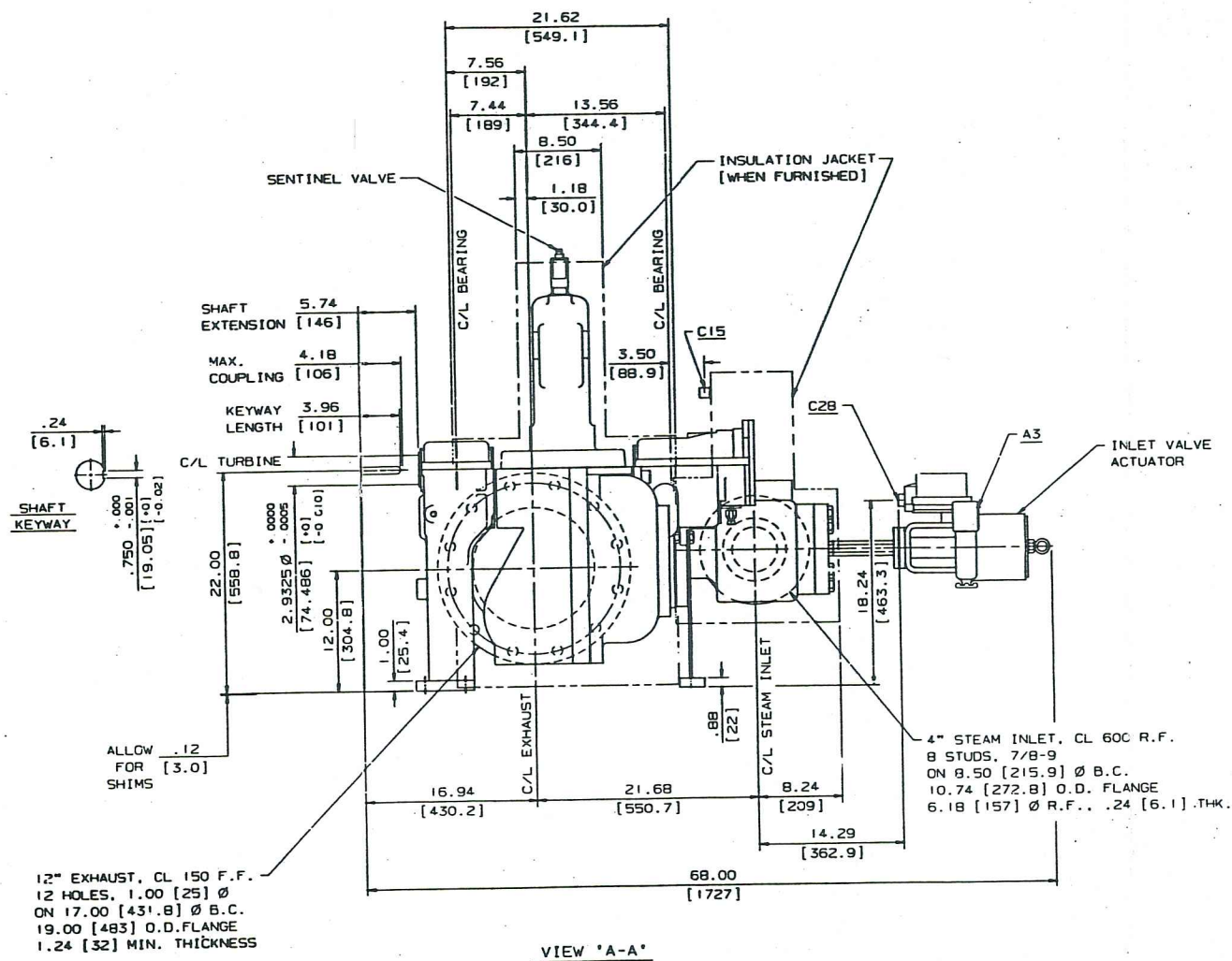
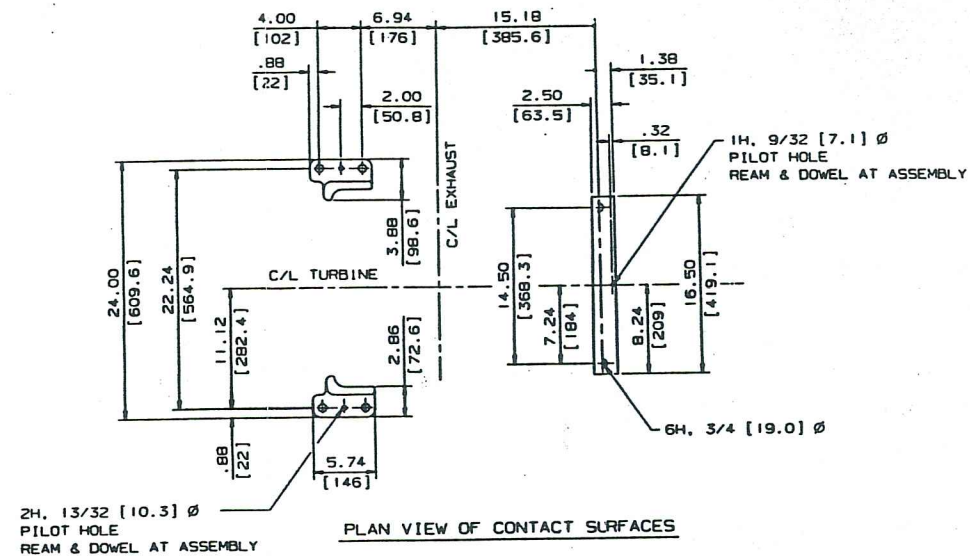
DYRPE TURBINE OUTLINE

DR. CARLSON
CH. OLSHOCK
ENG. AP T.R.
ENG. AP
ENG. AP
DATE 1-26-93
S.O. C302311
SCALE 1/8" = 1'-0"

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CHANGE DESCRIPTION	API ZONE

DYRPE TURBINE OUTLINE	
DATE 1-26-93 S.D. C302311 SCALE 1/2\"/>	

