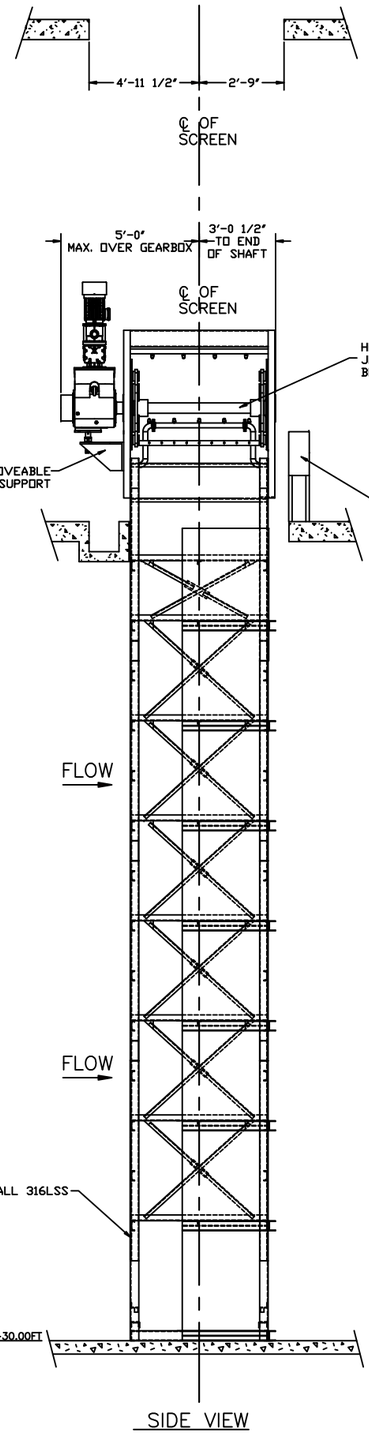
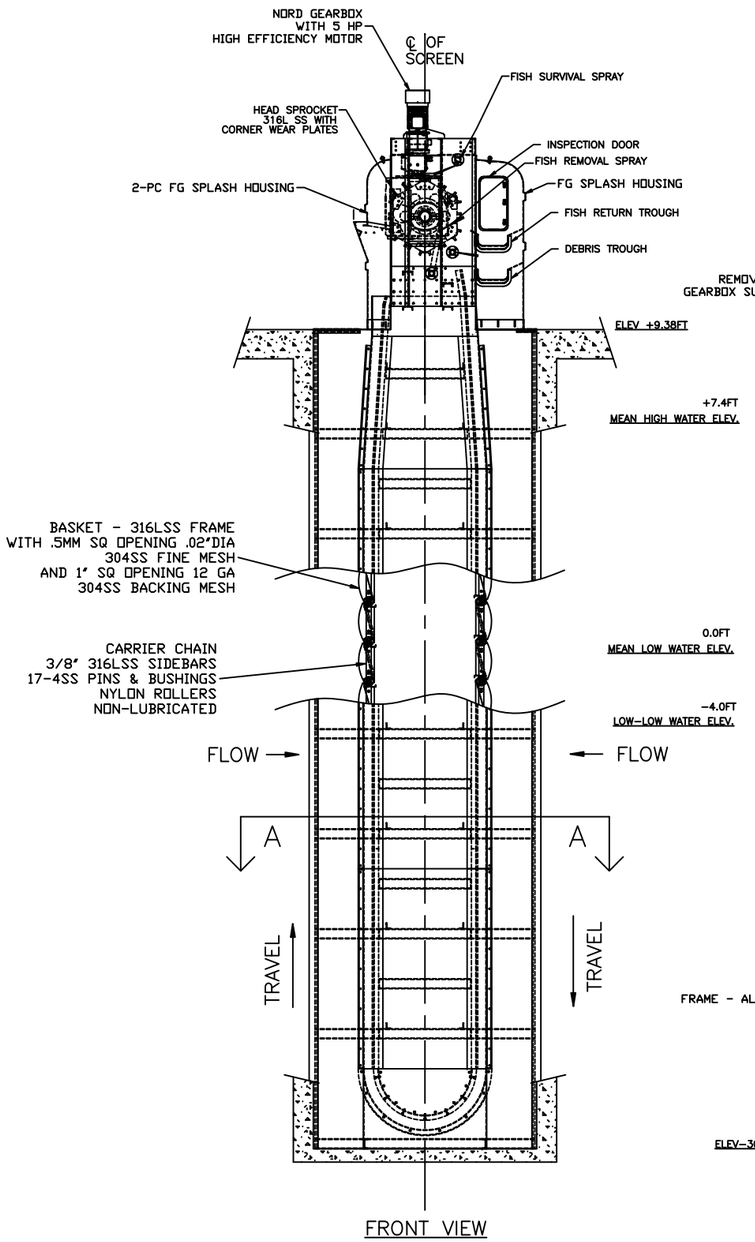
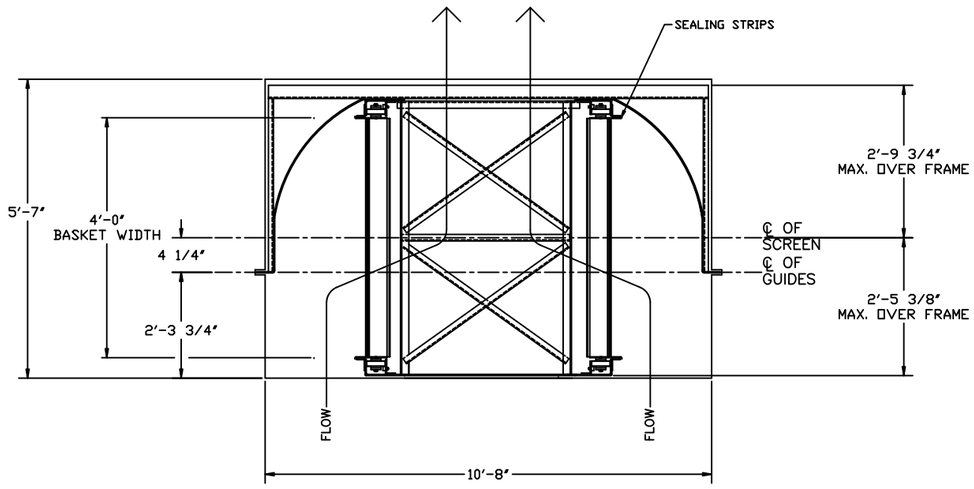
SPRAY WASH REQUIREMENTS

DEBRIS REMOVAL		FISH REMOVAL		FISH SURVIVAL	
G.P.M.	P.S.I.	G.P.M.	P.S.I.	G.P.M.	P.S.I.
180	40	80	10	80	10

ROOF OPENING







SECTION A-A

NOTE 1:
SCREEN WILL PASS A NORMAL FLOW OF 52,000 GPM AT A LOW WATER DEPTH OF 26 FT. THROUGH A 100% CLEAN SCREEN AT A VELOCITY OF 2.40 F.P.S.

NOTE 2:
BECAUSE OF ROOF OPENING LIMITATIONS THE HEADSHAFT AND/OR HEAD SECTION WILL HAVE TO BE INSTALLED AFTER MAIN FRAME IS LOWERED INTO WELL.

NOTE 3:
SCREEN IS DESIGNED TO START AT 10 F.P.M. AT A HEADLOSS OF 10 FT. AT MAX. WATER LEVEL. MAXIMUM SPEED IS 30 F.P.M.

NOTE 4:
MAXIMUM ALLOWABLE DIFFERENTIAL ACROSS SCREEN CONSIDERED FOR STRUCTURAL DESIGN IS 10 FT.

NOTE 5:
HARDWARE: ALL FRAMING HARDWARE IS 316SS.

NOTE 6:
TOTAL SCREEN WEIGHT APPROX. 40,000 LBS.

NOTE 6:
FIBERGLASS HOUSINGS ARE ATLAS STANDARD BLUE GEL COAT.

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ATLAS MANUFACTURING CO.

PROPOSAL DRAWING

(5) 4'-0" BW RISTROPH DESIGN

DUAL FLOW TRAVELING WATER SCREENS

DRAWN BY	DATE	DRAWING NO.	REV.
JC	10-25-10	SP10-318	
APPROVED BY	SCALE 00		