EXHIBIT U
REFERENCE DRAWINGS

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PART 1 – REFERENCE DRAWINGS
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1.3 4490-PX-5, 26” DIA. PISTON
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1.5 4490-SD-1, GATE OPERATING CYLINDER HEAD
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1.7 WTSA – C1-C7 WICKET GATE SERVO PISTON LEAKAGE TEST ASSEMBLY

END OF TOC
PISTON DD HAS BEEN MODIFIED. REFER TO DRAWING OF 18066 FOR CURRENT DIMENSIONS.

BID 20-05
Rocky Reach C2-C7 Wicket Gate Servomotor Refurbishment

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**PISTON RINGS**
AMERICAN HAMMERED
TONGUE SEAL TYPE 16000/94A
SEE NOTE 26 FOR TUBE WIDTH
24-3/4" SHAFT DIAMETER

**NOTES**
- Grooves for piston only
- All grooves

**SHOP NOTES**
- Unless otherwise noted, machining tolerances to be ±.005
- .0010"-0005" for bared holes
- Break all corners 1/64

**26" DIA. PISTON**
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LOCATE MIDDLE PISTON RING AT MOST WEAR OUT LOCATION, TEST PISTON LEAKAGE WITH 350PSI PRESSURE.
FOR C1, SOUTH WG SERVO CYLINDER HAS THE MOST WEAR OUT. THE MOST WEAR OUT SPOTS LOCATE AT
21 INCH FROM CYLINDER FLANGE.

LOCATE MIDDLE PISTON RING AT MOST WEAR OUT LOCATION, TEST PISTON LEAKAGE WITH 350PSI PRESSURE.
FOR C1, SOUTH WG SERVO CYLINDER HAS THE MOST WEAR OUT. THE MOST WEAR OUT SPOTS LOCATE AT
21 INCH FROM CYLINDER FLANGE.