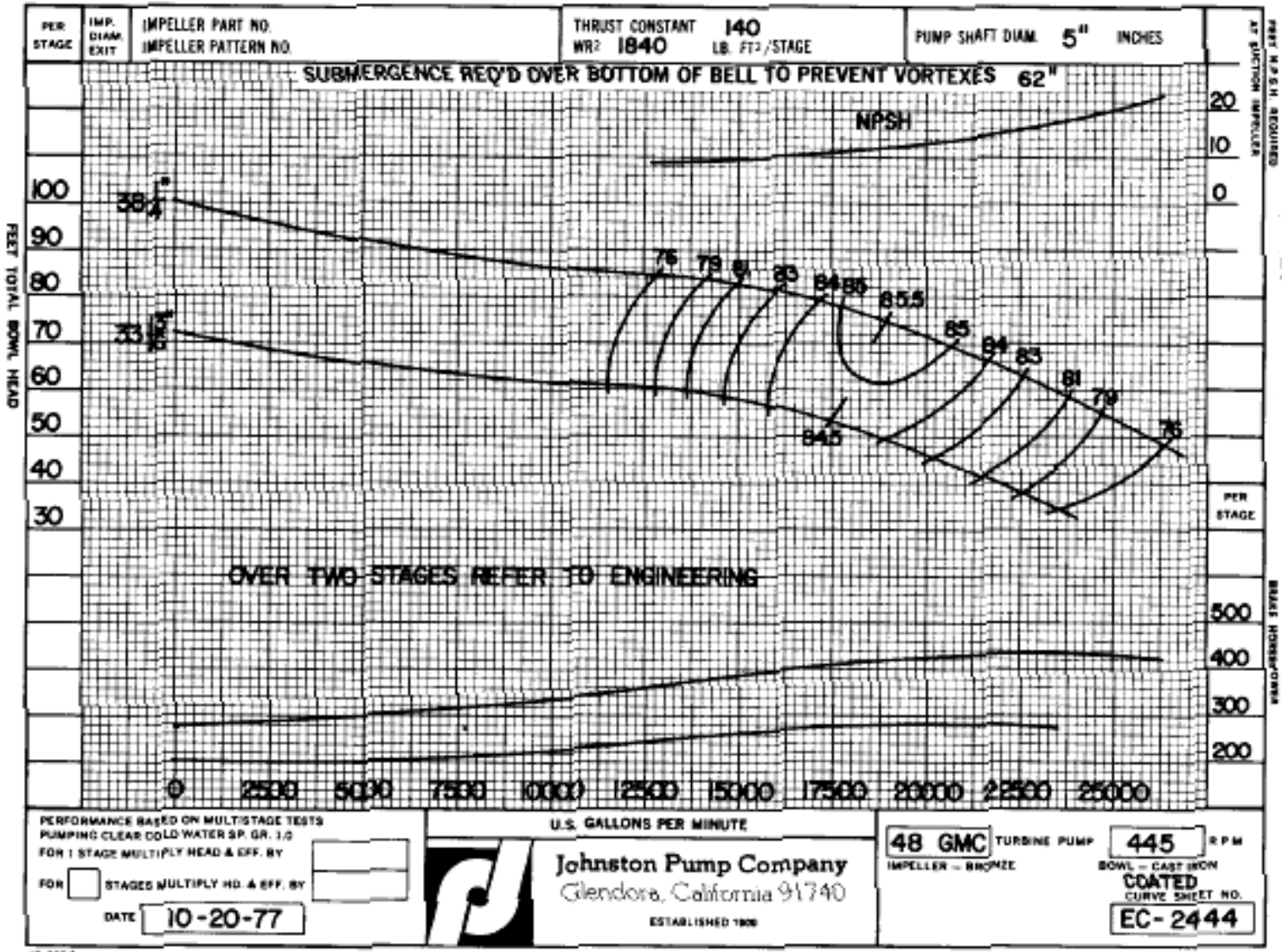
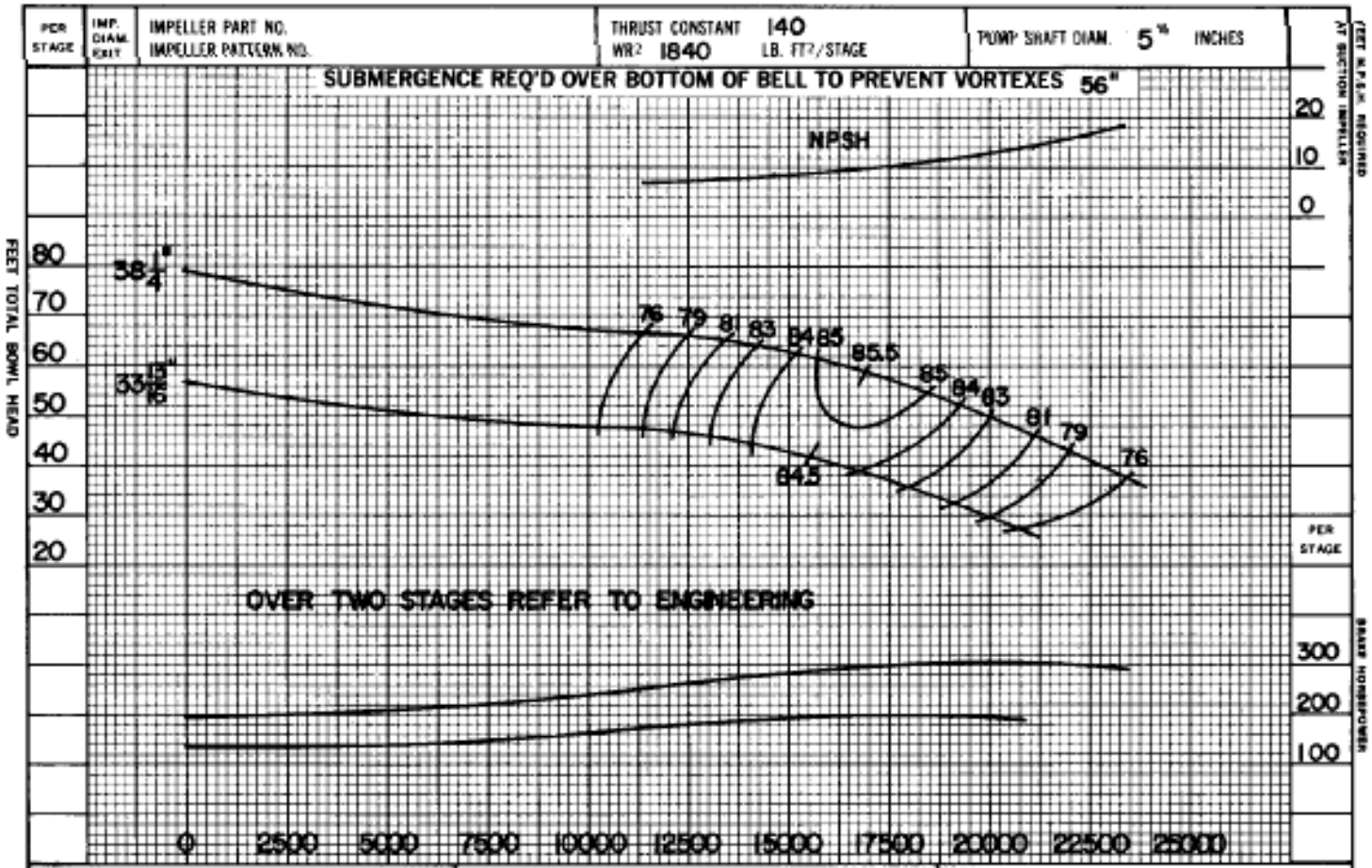

PER STAGE
IMP. DIAM. EXIT
IMPELLER PART NO.
IMPELLER PATTERN NO.
THRUST CONSTANT 140
WR2 1840 LB. FT2/STAGE
PUMP SHAFT DIAM. 5" INCHES
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 62"
NPSH
FEET TOTAL BOWL HEAD
100
90
80
70
60
50
40
30
38 1/4"
33 3/16"
76
79
81
83
84
85
85.5
85
84
83
81
79
76
84.5
20
10
0
PER STAGE
OVER TWO STAGES REFER TO ENGINEERING
500
400
300
200
0
2500
5000
7500
10000
12500
15000
17500
20000
22500
25000
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY
FOR STAGES MULTIPLY HD. & EFF. BY
DATE 10-20-77
U.S. GALLONS PER MINUTE
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
48 GMC TURBINE PUMP
IMPELLER — BRONZE
445 RPM
BOWL — CAST IRON
COATED
CURVE SHEET NO.
EC-2444
JP 1124


PER STAGE
IMP. DIAM. EXIT
IMPELLER PART NO.
IMPELLER PATTERN NO.
THRUST CONSTANT 140
WR² 1840 LB. FT²/STAGE
PUMP SHAFT DIAM. 5 1/16 INCHES
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 56"
NPSH
38 1/4"
33 13/16"
76 79 81 83 84 85 85.5 85 84 83 81 79 76
84.5
OVER TWO STAGES REFER TO ENGINEERING
FEET TOTAL BOWL HEAD
80 70 60 50 40 30 20
FEET N.P.S.H. REQUIRED AT SUCTION IMPELLER
20 10 0
PER STAGE
BRAKE HORSEPOWER
300 200 100
0 2500 5000 7500 10000 12500 15000 17500 20000 22500 25000
U.S. GALLONS PER MINUTE
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY
FOR STAGES MULTIPLY HD. & EFF. BY
DATE 10-21-77
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1900
48 GMC TURBINE PUMP
IMPELLER — BRONZE
395 RPM
BOWL — CAST IRON
COATED
CURVE SHEET NO.
EC-2446
JP 1134