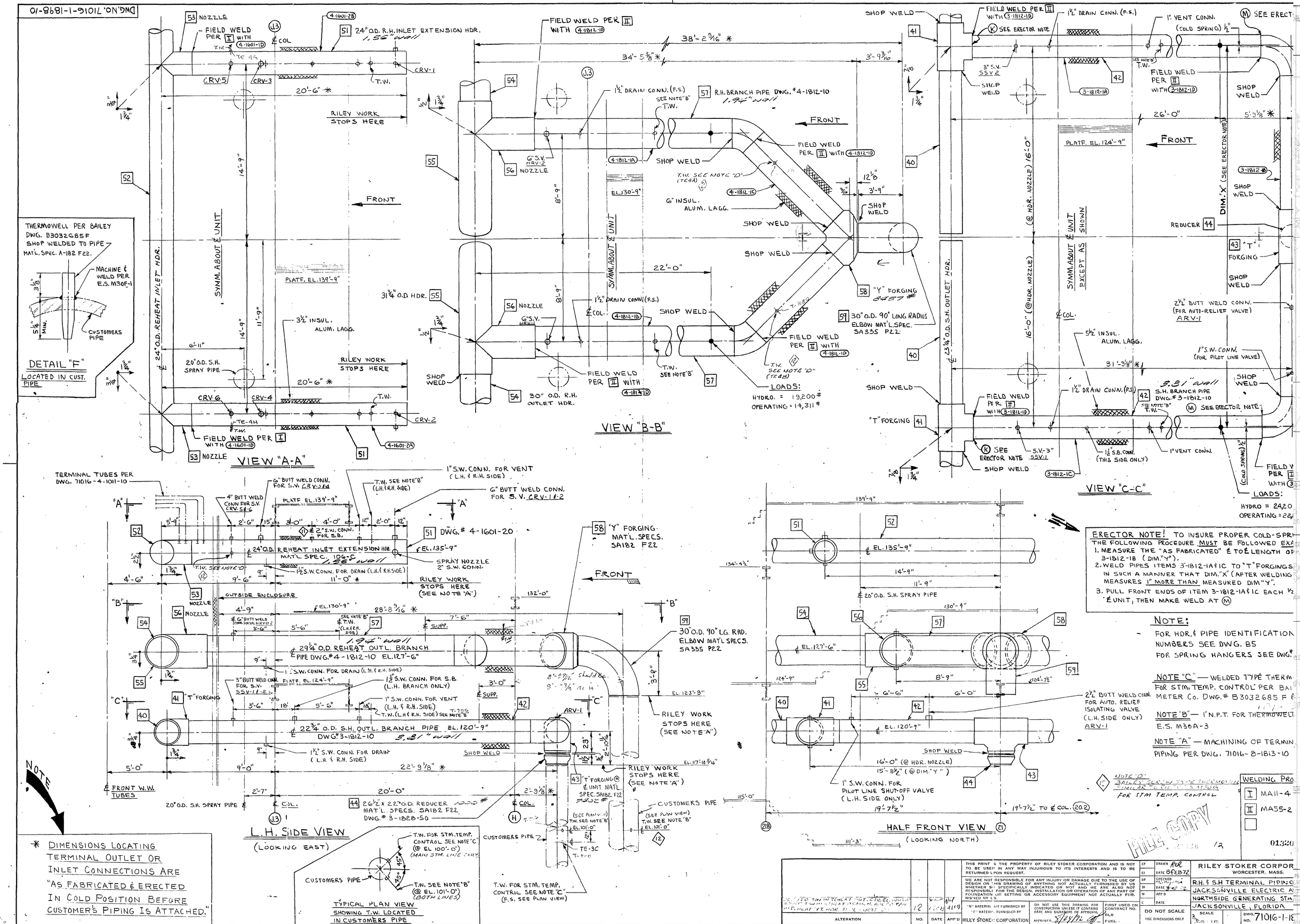
DWG. NO. 71016-1-1898-10


VIEW "A-A"
VIEW "B-B"
VIEW "C-C"
L.H. SIDE VIEW
(LOOKING EAST)
HALF FRONT VIEW
(LOOKING NORTH)
DETAIL "F"
LOCATED IN CUST. PIPE
THERMOWELL PER BAILEY DWG. B3032685F SHOP WELDED TO PIPE MAT'L. SPEC. A-182 F22.
MACHINE & WELD PER E.S. M30F-1
CUSTOMERS PIPE
24" O.D. REHEAT INLET HDR.
24" O.D. REHEAT INLET EXTENSION HDR. MAT'L SPEC. 106-C 1.56" wall
24" O.D. REHEAT INLET EXTENSION HDR. DWG. # 4-1601-20
29¼" O.D. REHEAT OUTL. BRANCH PIPE DWG. # 4-1812-10 EL. 127'-6"
22¾" O.D. S.H. OUTL. BRANCH PIPE EL. 120'-9" DWG. # 3-1812-10 5.81" wall
30" O.D. R.H. OUTLET HDR.
31¾" O.D. HDR.
23¼" O.D. S.H. OUTLET HDR.
20" O.D. S.H. SPRAY PIPE
2" S.W. CONN. FOR S.B.
SPRAY NOZZLE 2" S.W. CONN.
1½" S.W. CONN. FOR DRAIN (L.H. & R.H. SIDE)
1" S.W. CONN. FOR VENT (L.H. & R.H. SIDE)
1" S.W. CONN. FOR VENT (L.H. & R.H. SIDE) SEE NOTE "B"
1½" S.W. CONN. FOR S.B. (L.H. BRANCH ONLY)
1½" S.W. CONN. FOR DRAIN (L.H. & R.H. SIDE)
1" S.W. CONN. FOR PILOT LINE SHUT-OFF VALVE (L.H. SIDE ONLY)
1" S.W. CONN. FOR VENT (L.H. & R.H. SIDE)
1" VENT CONN. (COLD SPRING) ½"
1½" DRAIN CONN. (F.S.)
1½" S.B. CONN. (THIS SIDE ONLY)
2½" BUTT WELD CONN. (FOR AUTO-RELIEF VALVE) ARV-1
1" S.W. CONN. (FOR PILOT LINE VALVE)
3¼" INSUL. ALUM. LAGG.
5½" INSUL. ALUM. LAGG.
6" INSUL. ALUM. LAGG.
6" BUTT WELD CONN. FOR S.V. CRV-3 & 4
6" BUTT WELD CONN. FOR S.V. CRV-1 & 2
4" BUTT WELD CONN. FOR S.V. CRV-5 & 6
3" BUTT WELD CONN. FOR S.V. SSV-1 & 2
6" BUTT WELD CONN. FOR S.V. HRV-1 & 2
6" S.V. HRV-2
3" S.V. SSV-2
S.V.-3" SSV-1
CRV-1
CRV-2
CRV-3
CRV-4
CRV-5
CRV-6
ARV-1
TE-4H
TE-3C
TE-4A
TE-4B
T.W.
T.W. SEE NOTE "B"
T.W. SEE NOTE "D"
T.W. FOR STM. TEMP. CONTROL SEE NOTE "C" (@ EL. 100'-0") (MAIN STM. LINE ONLY)
T.W. SEE NOTE "B" (@ EL. 101'-0") (BOTH LINES)
T.W. FOR STM. TEMP. CONTROL SEE NOTE "C" (F.S. SEE PLAN VIEW)
T.W. SEE NOTE "B" (L.H. & R.H. SIDE)
T.W. (L.H. & R.H. SIDE)
T.W. (L.H. & R.H. SIDE) SEE NOTE "B"
T.W. (L.H. & R.H. SIDE) SEE NOTE "B"
T.W. SEE NOTE "B" (F.S. SEE PLAN VIEW)
T.W. SEE NOTE "B" EL. 101'-0"
T.W. SEE NOTE "B" EL. 101'-0"
T.W. SEE NOTE "D" (TE4B)
T.W. SEE NOTE "D" (TE4A)
T.W. SEE NOTE "D" (TE4B)
T.W. SEE NOTE "B"
SEE NOTE "B"
FIELD WELD PER I WITH 4-1601-1D
FIELD WELD PER I WITH 4-1601-2A
FIELD WELD PER II WITH 4-1812-1D
FIELD WELD PER II WITH 3-1812-1D
FIELD WELD PER II WITH 4-1812-1A
FIELD WELD PER II WITH 4-1812-1B
FIELD WELD PER II WITH 4-1812-1C
SHOP WELD
"T" FORGING
"Y" FORGING MAT'L. SPECS. SA182 F22
30" O.D. 90° LG. RAD. ELBOW MAT'L SPECS. SA335 P22
30" O.D. 90° LONG RADIUS ELBOW MAT'L. SPEC. SA335 P22
2.6½" x 22" O.D. REDUCER MAT'L. SPECS. SA182 F22 DWG. # 3-1828-50
REDUCER 44
"T" FORGING 43
RILEY WORK STOPS HERE
RILEY WORK STOPS HERE (SEE NOTE "A")
CUSTOMERS PIPE
OUTSIDE ENCLOSURE
FRONT
SYMM. ABOUT ℄ UNIT
SYMM. ABOUT ℄ UNIT SHOWN EXCEPT AS
DIM. "X" (SEE ERECTOR NOTE)
(@ HDR. NOZZLE) 16'-0"
16'-0" (@ HDR. NOZZLE)
PLATF. EL. 139'-9"
PLATF. EL. 124'-9"
LOADS:
HYDRO. = 19,200#
OPERATING = 14,311#
LOADS:
HYDRO = 24,20
OPERATING = 22,
3.81" wall
1.94" wall
1.56" wall
TYPICAL PLAN VIEW SHOWING T.W. LOCATED IN CUSTOMERS PIPE
FRONT W.W. TUBES
TERMINAL TUBES PER DWG. 71016-4-1011-10
DWG. # 4-1601-20
SEE ERECTOR NOTE
SEE NOTE "B"
SEE NOTE "A"
SEE NOTE "C"
SEE NOTE "D"
SEE ERECTOR NOTE
SEE NOTE "B"
SEE NOTE "B"
SEE NOTE "B"