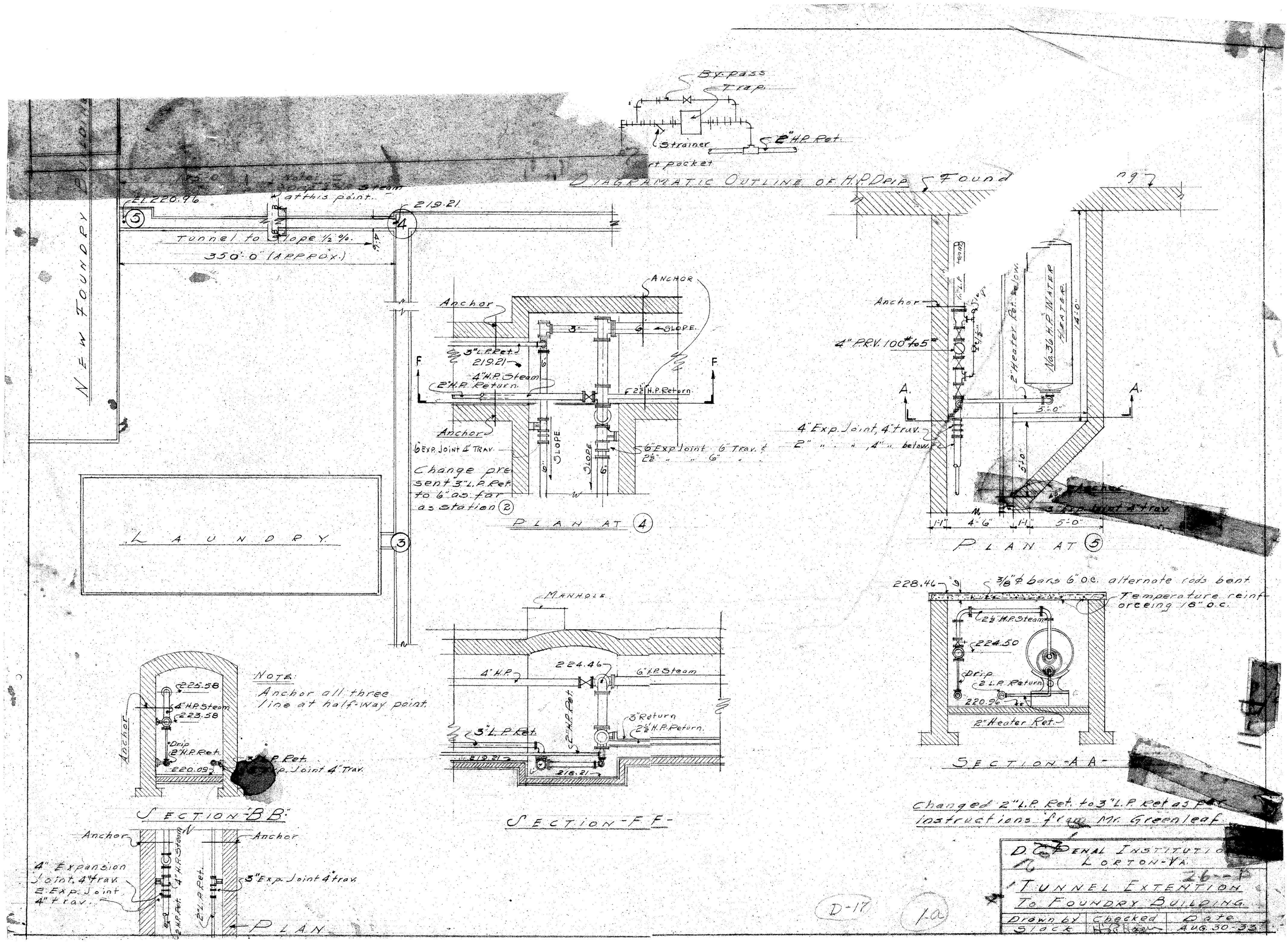

By-pass
Trap
Strainer
2" H.P. Ret.
DIAGRAMATIC OUTLINE OF H.P. DRIP
Found
NEW FOUNDRY BUILDING
El. 220.96
Note: Drip 4" H.P. Steam at this point.
219.21
Tunnel to slope ½ %.
350'-0" (APPROX.)
LAUNDRY
Anchor
ANCHOR
SLOPE
3" L.P. Ret.
219.21
4" H.P. Steam
2" H.P. Return
2½" H.P. Return
6" Exp. Joint 4" Trav.
6" Exp. Joint 6" Trav. & 2½" " " 6" "
Change present 3" L.P. Ret. to 6" as far as station (2)
PLAN AT (4)
4" P.R.V. 100# to 5#
2" Heater Ret. below
No. 36 H.P. WATER HEATER
14'-0"
5'-0"
4" Exp. Joint, 4" trav.
2" " " , 4" " below
1'-1"
4'-6"
5'-0"
PLAN AT (5)
228.46
3/8" ϕ bars 6" o.c. alternate rods bent
Temperature reinforceing 18" o.c.
2½" H.P. Steam
224.50
Drip
2" L.P. Return
220.96
2" Heater Ret.
SECTION -A A-
NOTE: Anchor all three line at half-way point.
225.58
4" H.P. Steam
223.58
Drip
2" H.P. Ret.
220.09
3" L.P. Ret.
Exp. Joint 4" Trav.
SECTION -B B-
MANHOLE
224.46
4" H.P.
6" H.P. Steam
3" Return
2½" H.P. Return
3" L.P. Ret.
219.21
218.21
SECTION -F F-
Anchor
4" Expansion Joint, 4" trav.
2 Exp. Joint 4" trav.
4" H.P. Steam
2" L.P. Ret.
3" Exp. Joint 4" trav.
PLAN
Changed 2" L.P. Ret. to 3" L.P. Ret as per instructions from Mr. Greenleaf
D. C. PENAL INSTITUTION
LORTON-VA.
TUNNEL EXTENTION TO FOUNDRY BUILDING
Drawn by Slack
Checked
Date AUG. 30-33
D-17
1-a