

GRIMWITH RESERVOIR. BRADFORD & SHEFFIELD WATERWORKS,

J. W. LEATHER ENGINEER.

SECTIONS OF RESERVOIR DAMS.

FIG. 1. Section of Embankment showing Culverts, Valve Pit &c.

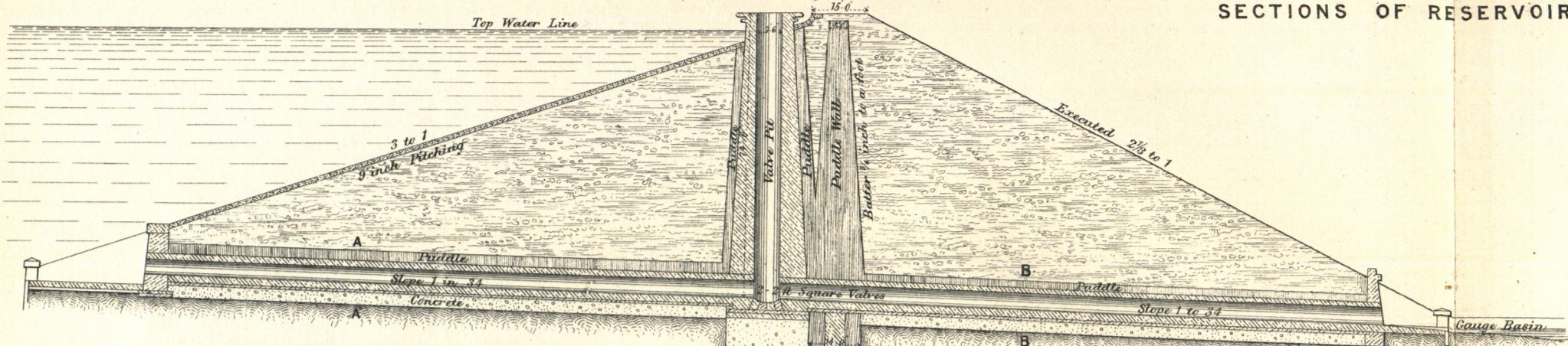


FIG. 2. Section of Inner Culvert at A.A.

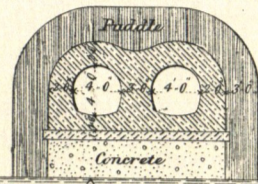


FIG. 3. Section of Outer Culvert at B.B.

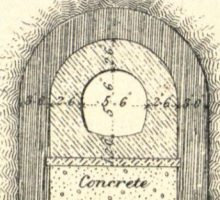
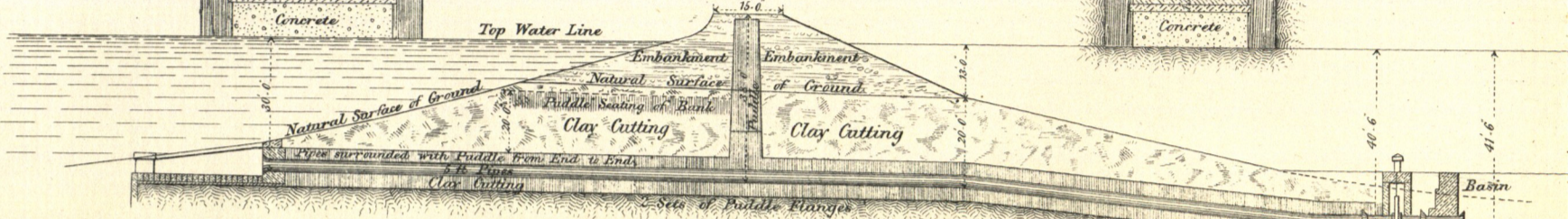


FIG. 4. Section of double row of 3 ft Pipes forming upper Outlets at Grimwith Reservoir.*



BARDEN RESERVOIR

FIG. 5. Section showing Culverts & Valve Pit. (excavated 14 ft.) (excavated 7 ft.)

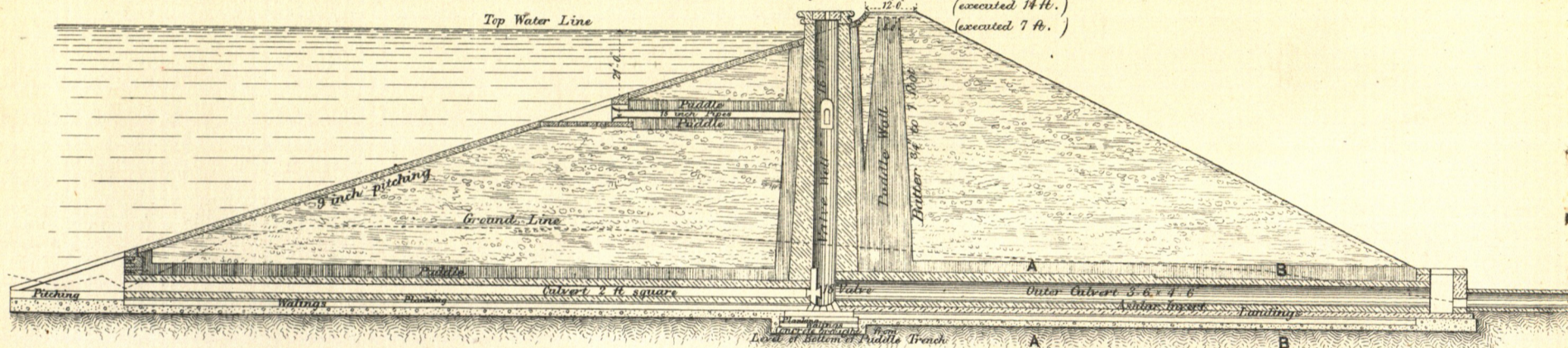


FIG. 6. Plan of Culverts & Valve Well.

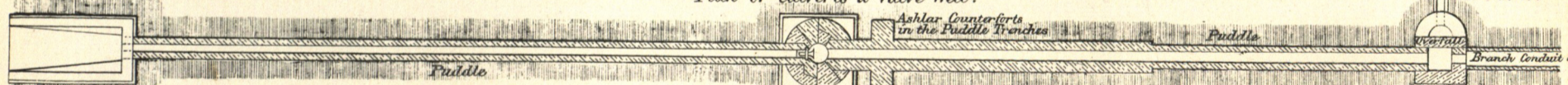


FIG. 7. Elevation of Lower Outlet

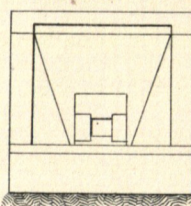


FIG. 8. Section of Inner Culvert

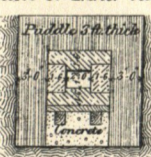


FIG. 9. Section of Outer Culvert at A.A.

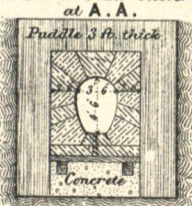


FIG. 10. Section of Outer Culvert at B.B.



FIG. 11. Elevation of Upper Outlet.

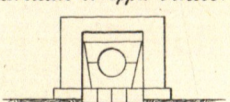


FIG. 13. Section of Inner Culverts at A.A.

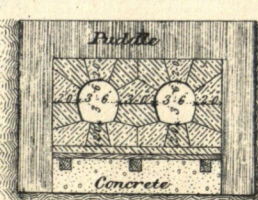


FIG. 12. Section showing Valve Pit Culvert &c.

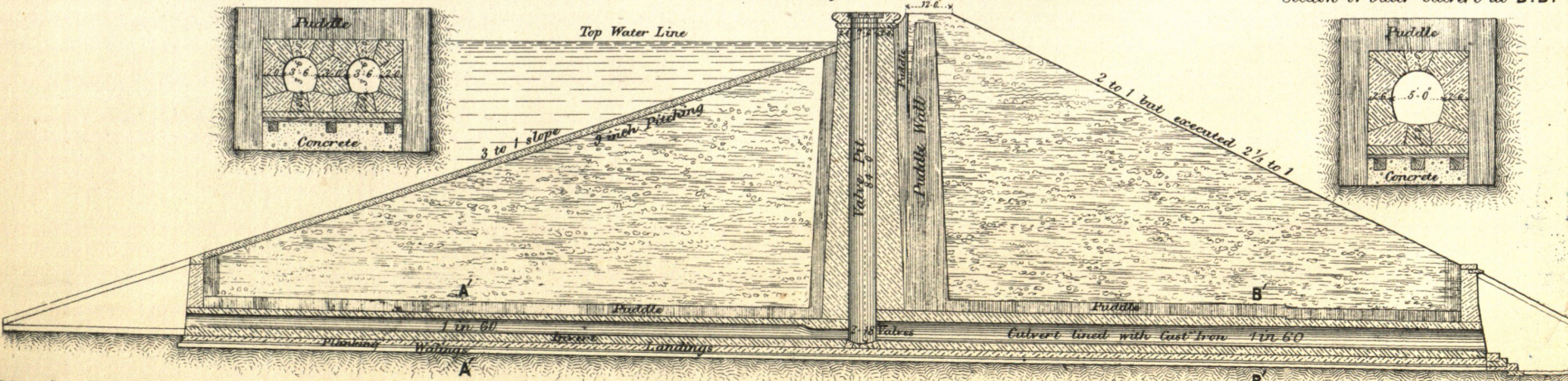
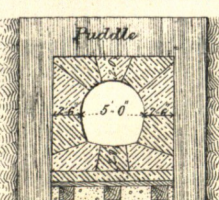


FIG. 14. Section of Outer Culvert at B.B.



STUBDEN RESERVOIR.

FIG. 15.

Section showing Valve Pit and upper and lower Outlets.

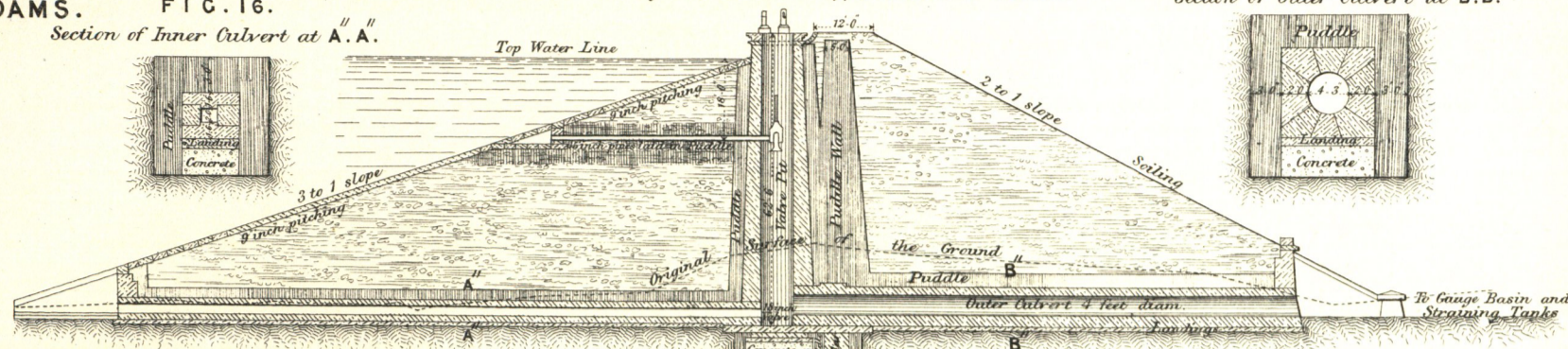
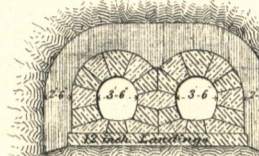


FIG. 19. Section of Double Culvert at A.A.



DOE PARK RESERVOIR.

FIG. 18.

Section showing Waste Pit and Culverts.

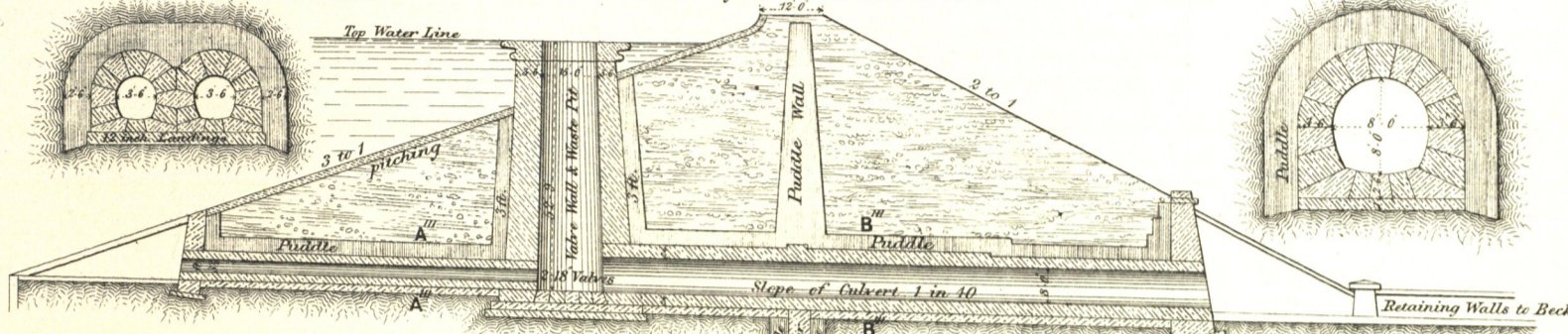
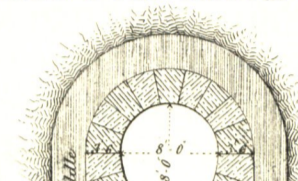


FIG. 20. Section of Outer Culvert at B.B.



SHEFFIELD WATERWORKS.

J. TOWLERTON LEATHER, ENGINEER.

BRADFORD RESERVOIR FAILURE

FIG. 21.

Plan of Outlet Pipes and Trench

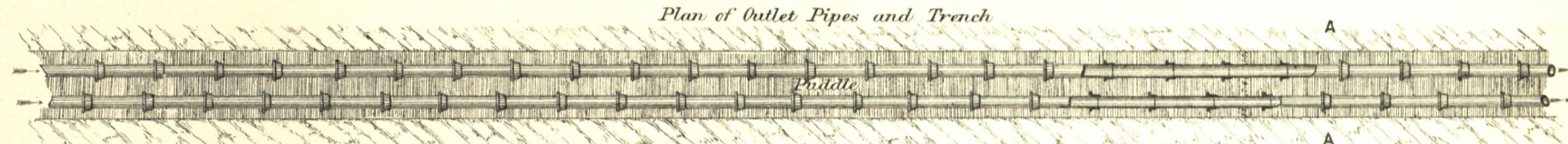


FIG. 22.

Longitudinal Section of Outlet Pipes and Cross Section of Puddle Trench.

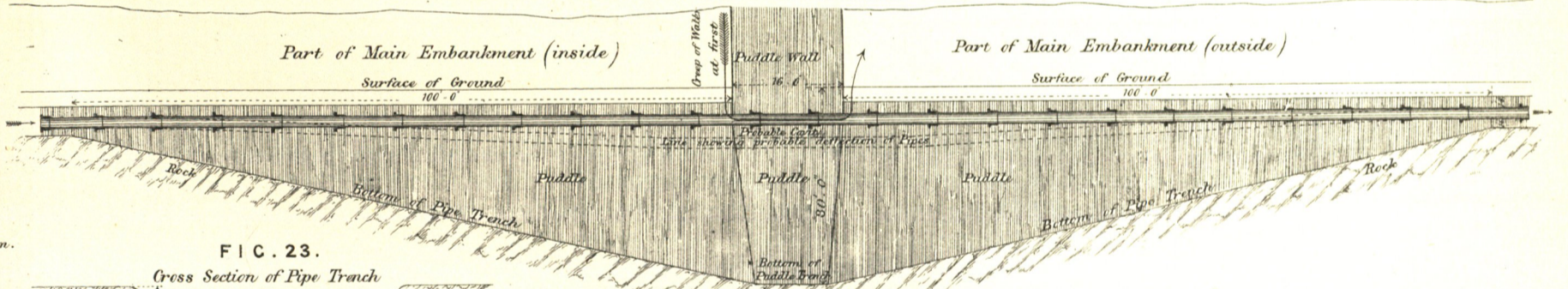
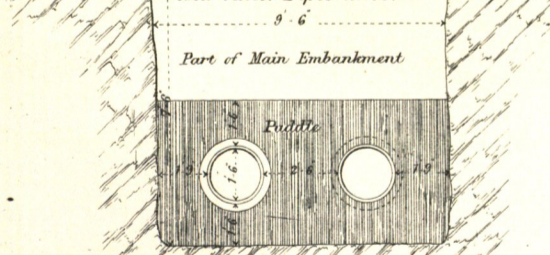


FIG. 23.

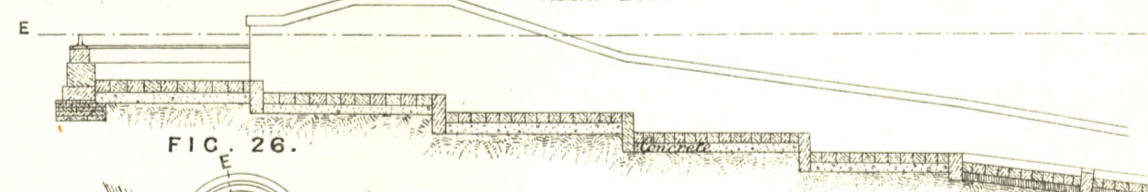
Cross Section of Pipe Trench and Outlet Pipes at A.A.



PLAN AND SECTIONS OF WASTE WEIR.

FIG. 25

Section E.F.



THE SHEFFIELD RESERVOIR.

FIG. 24.

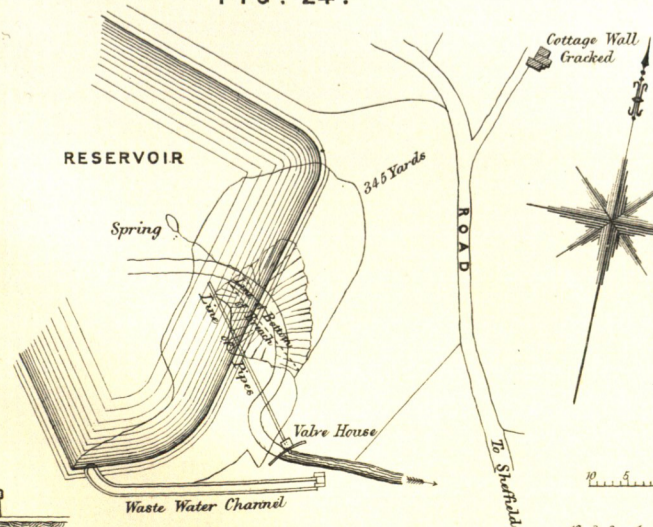


FIG. 27.

Section A.B.

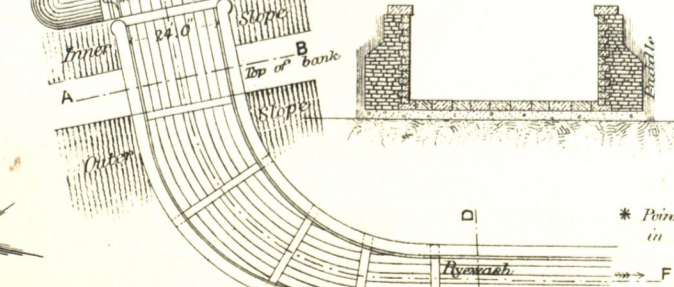


FIG. 28.

Section C.D.



Scales for Bradford Waterworks.

General Scale

Scale for details

Scales for Sheffield Waterworks.

Scale for Fig. 21 & 22

Scale for Fig. 23

Scale for Fig. 25, 27 & 28

Thomas Kell, Lith. 40, King Street, Covent Garden.