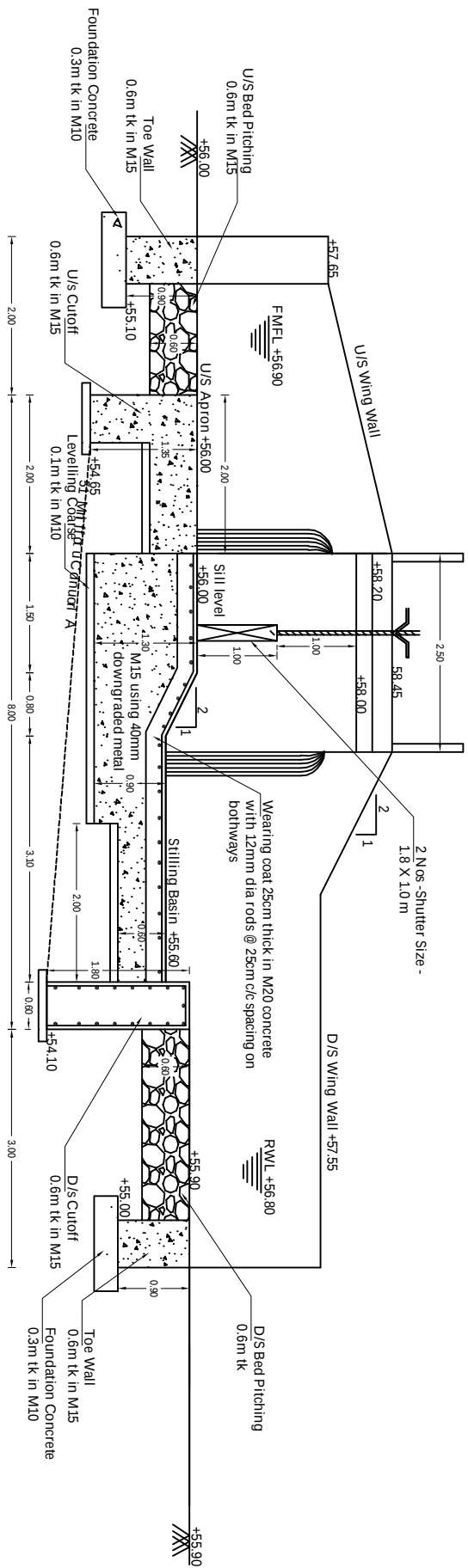
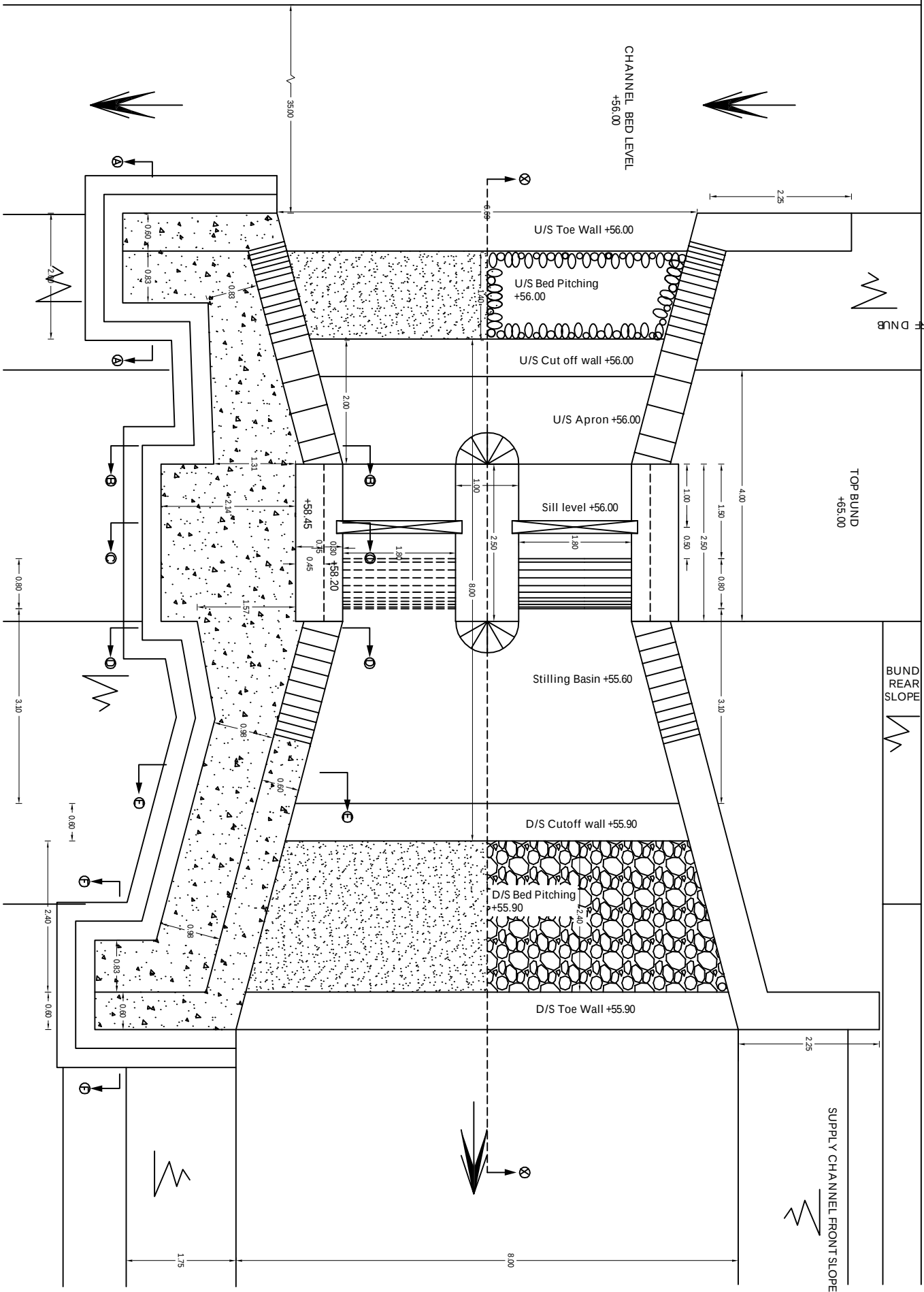




CROSS SECTION OF HEAD SLUICE (X-X)



HALF PLAN AT TOP & HALF PLAN AT BOTTOM

HYDRAULIC PARTICULARS :-

CHANNEL:

- | | |
|---------------------|------------------------------|
| 1. Design Discharge | : 31.80 Cumecs (1123 Cusecs) |
| 2. Bed Width | : 35.00m |
| 3. FSD | : +0.90m |
| 4. Bed Level | : +56.00m |

HEAD SLUICE

- | | |
|-----------------------------|----------------------------|
| 1. Discharge | : 4.25 Cumecs (150 Cusecs) |
| 2. Sill Level | : +56.00 m |
| 3. No. of Scour Vents | : 2 Nos |
| 4. Size of Scour Vent | : 1.8 X 1.0 m |
| 4. D/S Basin Level | : +55.90 m |
| 5. Length of Stilling basin | : 3.10 m |
| 6. Total floor length | : 8.00m |
| 7. U/S Bed Level | : +56.00 m |
| 8. D/S Bed Level | : +55.90 m |

NOTE:-

1. This drawing has to be read along with the Series I Drawings from T. No /2020 to /2021
2. All dimensions are in meters, unless otherwise specified.

CONSTRUCTION OF HEAD SLUICE IN
SOUTH MALATTAR CHANNEL AT
LS 24400 M OFF MALATTAR CHANNEL