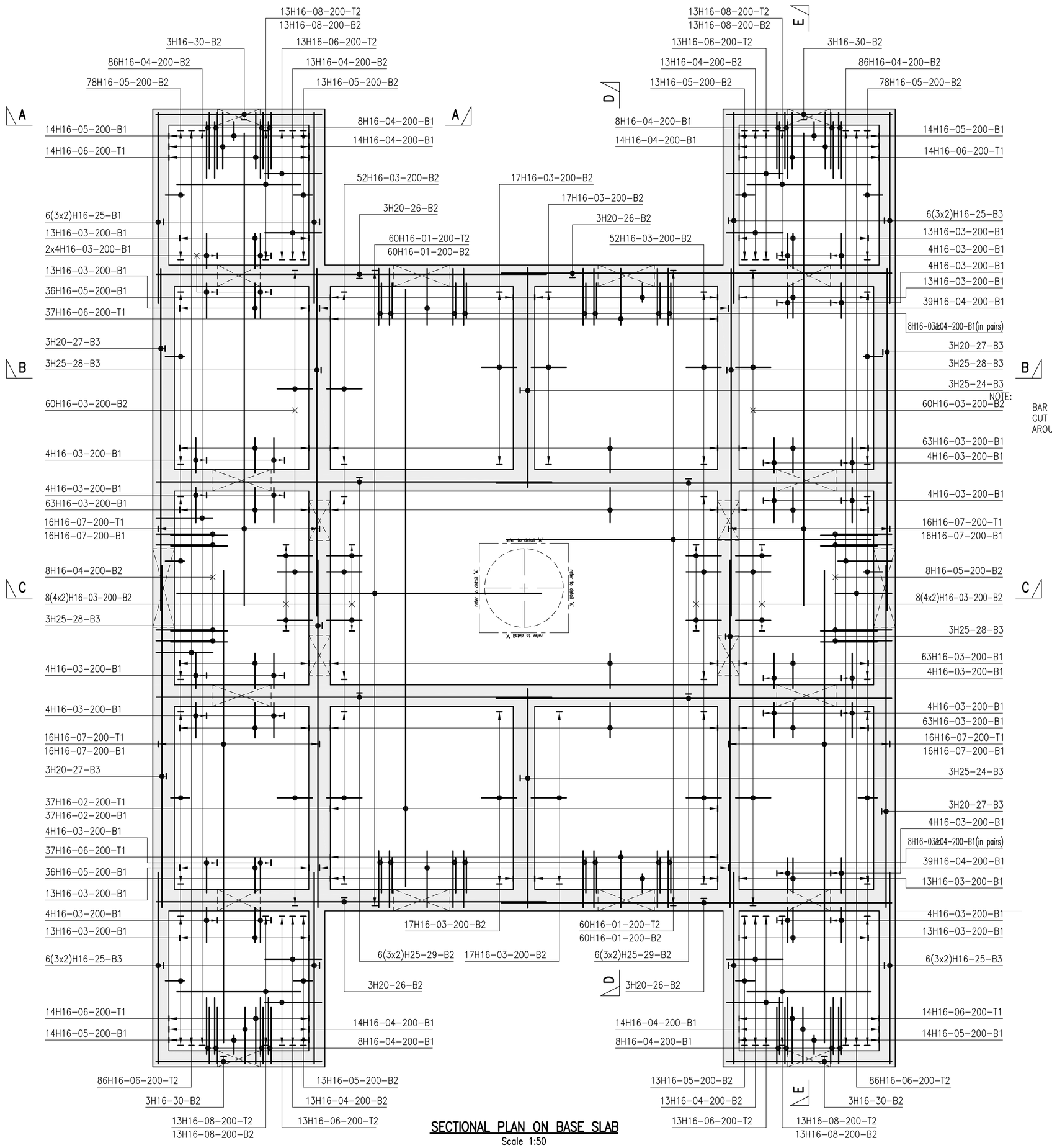
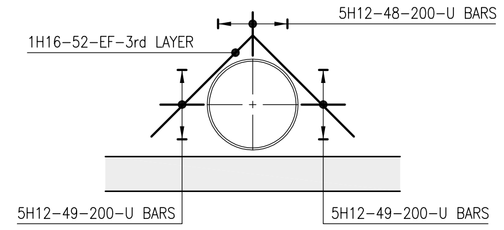
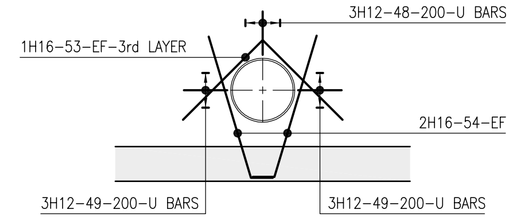


SECTIONAL PLAN ON BASE SLAB
Scale 1:50



(PP1) PIPE PENETRATION 1 4No. THUS
Scale 1:50



(PP2) PIPE PENETRATION 2 4No. THUS
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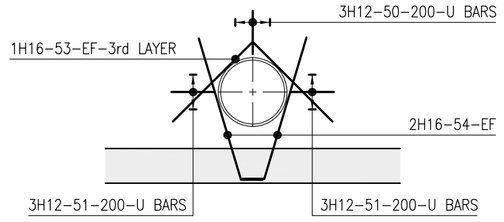
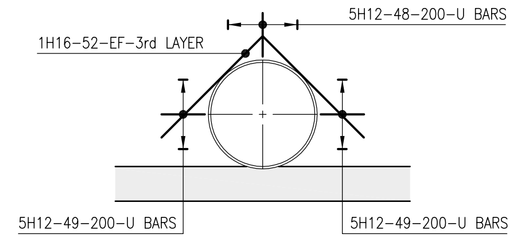


(PP3) PIPE PENETRATION 3 4No. THUS
Scale 1:50



(PP4) PIPE PENETRATION 4 2No. THUS
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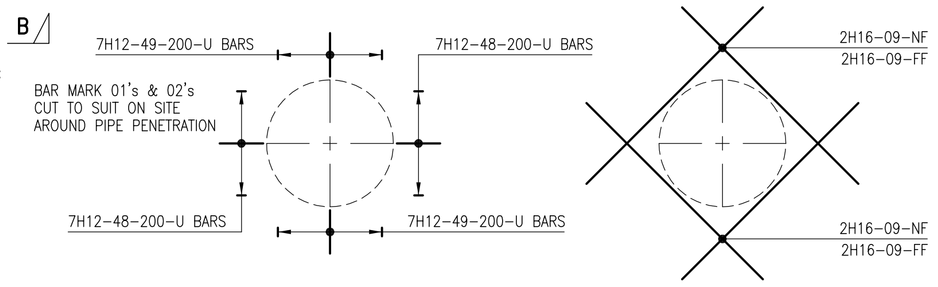

DETAIL 'A' – PIPE PENETRATION DETAILS
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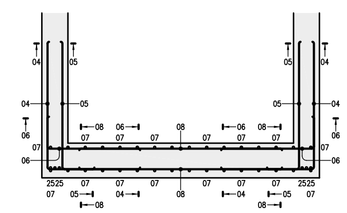
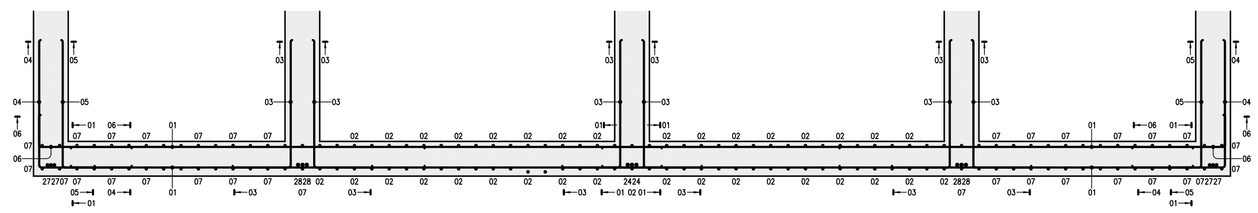
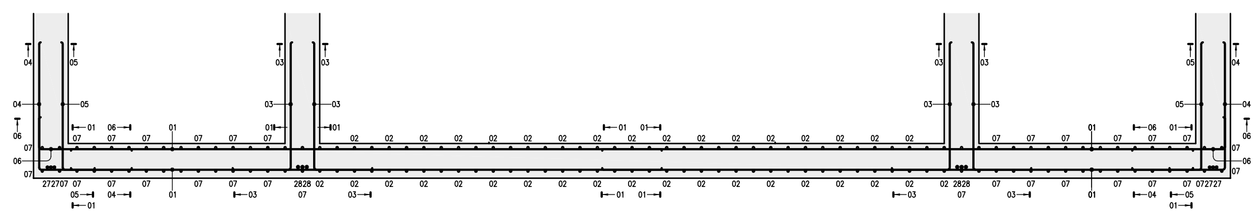


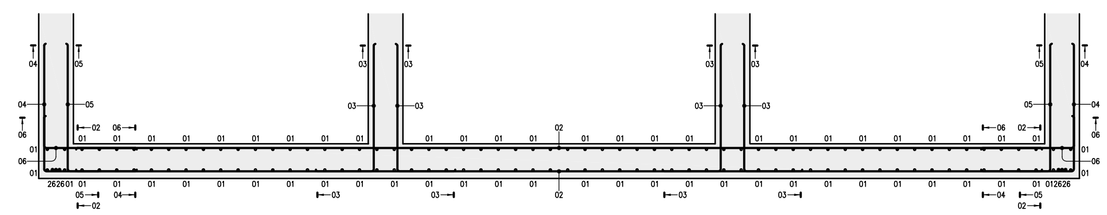
SECTION A–A
Scale 1:50



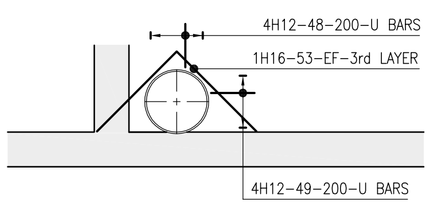
SECTION B–B
Scale 1:50



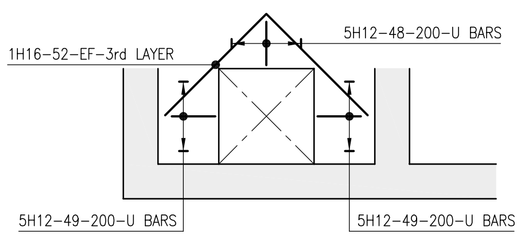
SECTION C–C
Scale 1:50



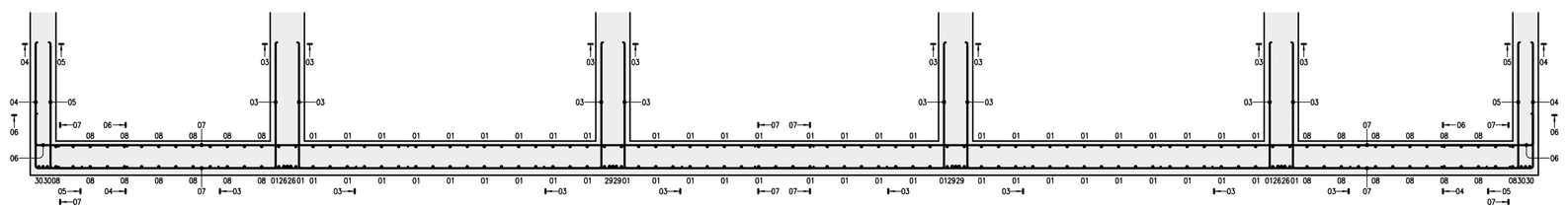
SECTION D–D
Scale 1:50



(PP5) PIPE PENETRATION 5 4No. THUS
Scale 1:50



(P1) PENSTOCK 4No. THUS
Scale 1:50



SECTION E–E
Scale 1:50

NOTES

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES A.O.D. UNLESS STATED OTHERWISE.

1.1. REINFORCEMENT IS OF HIGH YIELD STEEL BARS CONFORMING TO BS 4449 WITH A CHARACTERISTIC STRENGTH OF 500N/mm².

1.2. NOMINAL COVER TO OUTERMOST REINFORCEMENT IS 40mm.

1.3. BENDING DIMENSIONS AND SCHEDULING OF THE BARS FOR THE REINFORCEMENT IS IN ACCORDANCE WITH BS 8666:2005.

1.4. CHAIR BARS AND SPACERS ARE NOT SCHEDULED. THE CONTRACTOR TO PROVIDE CHAIRS AND SPACERS AT NO MORE THAN 1m CENTRES AS NECESSARY TO SUPPORT REINFORCEMENT AND MAINTAIN SPECIFIED COVER DURING PLACING OF CONCRETE.

1.5. ALL LAPS ARE NOMINAL 40 x BAR DIA. (ABSOLUTE MINIMUM 38 x BAR DIA.) WHEN BARS OF A DIFFERENT DIAMETER ARE LAPPED, THE LAP IS 40 x THE SMALLEST BAR DIAMETER.

1.6. REINFORCEMENT LOCATION ABBREVIATIONS AS FOLLOWS –

- ABR – ALTERNATE BARS REVERSED
- APR – ALTERNATE PAIRS REVERSED
- ABS – ALTERNATE BARS STAGGERED
- NF – NEAR FACE
- FF – FAR FACE
- EF – EACH FACE
- T – TOP
- B – BOTTOM
- AW – ALTERNATING WITH
- BW – BUNDLED WITH

1.7. REINFORCEMENT NOTATION AS FOLLOWS

10 H10-02-200-T-ABS

- PLACING / FIXING DETAILS
- LOCATION
- SPACING
- BAR MARK
- DIAMETER
- TYPE – H – HIGH YIELD
- NUMBER OF BARS

1.8. REINFORCEMENT FOR THIS SET OF DRAWINGS IS LISTED ON BAR SCHEDULE REF:– 120640-03-30- SHEETS 310-01 TO 03.

Drawing file path & name : I:\J-T_CAD\ Housebuilding Services Ltd\Schemes\pre-11500yrs-grouting-huddersfield walk\ 120640_03_30_310-C1-_STRUCTURCOLLECTIONCHAMBER-REINF.dwg
Drawing Plotted By : Mark Dunk
Date : 10/10/2025 Time : 10:10:45