

- ## GENERAL NOTES

1. DO NOT SCALE THIS DRAWING.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE AND RELATIVE TO ORDNANCE DATUM (A.O.D).
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
5. BUILDING CONSTRUCTION TOLERANCES IN ACCORDANCE WITH BS EN 13670 CLASS 1.
6. DRAWING NOT TO BE USED FOR CONSTRUCTION.

SEPARATOR

1. SEPARATOR TO BE CLASS 1, FULL RETENTION, TWO CHAMBER UNIT WITH SILT CAPACITY. PRODUCT REFERENCE: P065/2C5C/NG, SERIES 400. DESIGNER TO REVIEW PRIOR TO PRODUCT ORDER.
2. INSTALLATION OF UNIT SHALL BE TO MANUFACTURER'S RECOMMENDATIONS, TAKING NECESSARY PRECAUTIONS TO PREVENT FLOTATION OF THE UNIT PRIOR TO CASTING CONCRETE SURROUND.
3. EXTENSION SHAFTS TO ACCESS POINTS TO BE PROVIDED AS REQUIRED WITH MIN 150MM CONCRETE SURROUND. COVER AND FRAME TO BE BEDDED ON EITHER TWO COURSES 215 CLASS 'B' ENGINEERING BRICK OR PRECAST CONCRETE COVER FRAME SEATING RINGS. COVER AND FRAME TO BE HAUNCHED IN CONCRETE.
4. PIPE REDUCERS / FLEX SEAL COUPLINGS ARE REQUIRED WHERE MANUFACTURERS INLETS/OUTLETS DO NOT MATCH DRAINAGE DESIGN.
5. AN OIL LEVEL ALARM SYSTEM SHALL BE PROVIDED IN THE SEPARATOR WITH TELEMETRY FACILITY FOR CONNECTION TO CONTROL ROOM OTHERS.
6. ALL CONTROL EQUIPMENT SHALL BE SUITABLE FOR EXTERNAL OPERATION.
7. SEPARATOR TO HAVE SOLID SEALED ACCESS COVER TO B125 (MIN) CLASSIFICATION. ACCESS TO INCLUDE REMOVABLE SAFETY GRILL AT 200MM BELOW COVER (MAX).
8. ALL PIPEWORK CONNECTIONS TO BE FORMED USING HYDROCARBON RESISTANT SEALS.
9. ALL CHAMBER COVER AND FRAME LOCATIONS TO BE IN ALIGNMENT IN ACCORDANCE WITH TANK ACCESS SHAFT LOCATION. SPECIFIC LOCATION TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
10. BACKFILLING OF EXCAVATIONS SHALL ONLY COMMENCE ONCE THE COVER BOARD STRENGTH HAS REACHED 15kN/m². IT SHALL BE IN ACCORDANCE WITH MCHW Vol 1 SHW SERIES 600 EARTHWORKS AND NG3V 3.10.03 ISSUE 2 (2017).
11. 90 DEGREE PIPE BEND TO BE BRETT MARTIN 110MM LONG RADIUS BEND OR SIMILAR APPROVED.
12. EARTHING OF ALL METALLIC ITEMS REQUIRED IN ACCORDANCE WITH TS 3.1.2.

CONCRETE:

1. ALL STRUCTURAL CONCRETE IN ACCORDANCE WITH BS-8500-1. CONTRACTOR TO PROVIDE THE SUPPLIED MIX DESIGN FOR APPROVAL PRIOR TO CONSTRUCTION.

FINISHES:

1. BELOW GROUND CONCRETE FINISHES 'BASIC' TO BS EN 13670 UNLESS NOTED OTHERWISE. ALL EXPOSED ARRISSES TO HAVE 25MM X 25MM CHAMFER UNLESS NOTED OTHERWISE.
2. EXPOSED SLAB SURFACES TO RECEIVE BRUSHED FINISH. WALLS TO RECEIVE PLAIN FINISH TO BS EN 13670.

P01	S3 - FOR REVIEW AND COMMENT	KA	CE/RC	14/05/2025
Rev	Description	Cre'd	Chk'd / App'd	Date

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Document Title:

PORT TALBOT
DRAINAGE OIL INTERCEPTOR DETAILS
SHEET 01 OF 01

18/LOR/0222

Document Number: MARPT-BHK-02-ZZ-DG-C-181530

ASSOCIATED DRAWINGS:

MARP-~~BHK~~-02-ZZ-DG-C-181512 - 18/0R/0217 - PORT TALBOT DRAINAGE LAYOUT SHEET 01

MARP-~~BHK~~-02-ZZ-DG-C-181527 - 18/0R/0219 - PORT TALBOT DRAINAGE CONSTRUCTION DETAILS SHEET 01

MARP-~~BHK~~-02-ZZ-DG-C-181528 - 18/0R/0220 - PORT TALBOT DRAINAGE CONSTRUCTION DETAILS SHEET 02

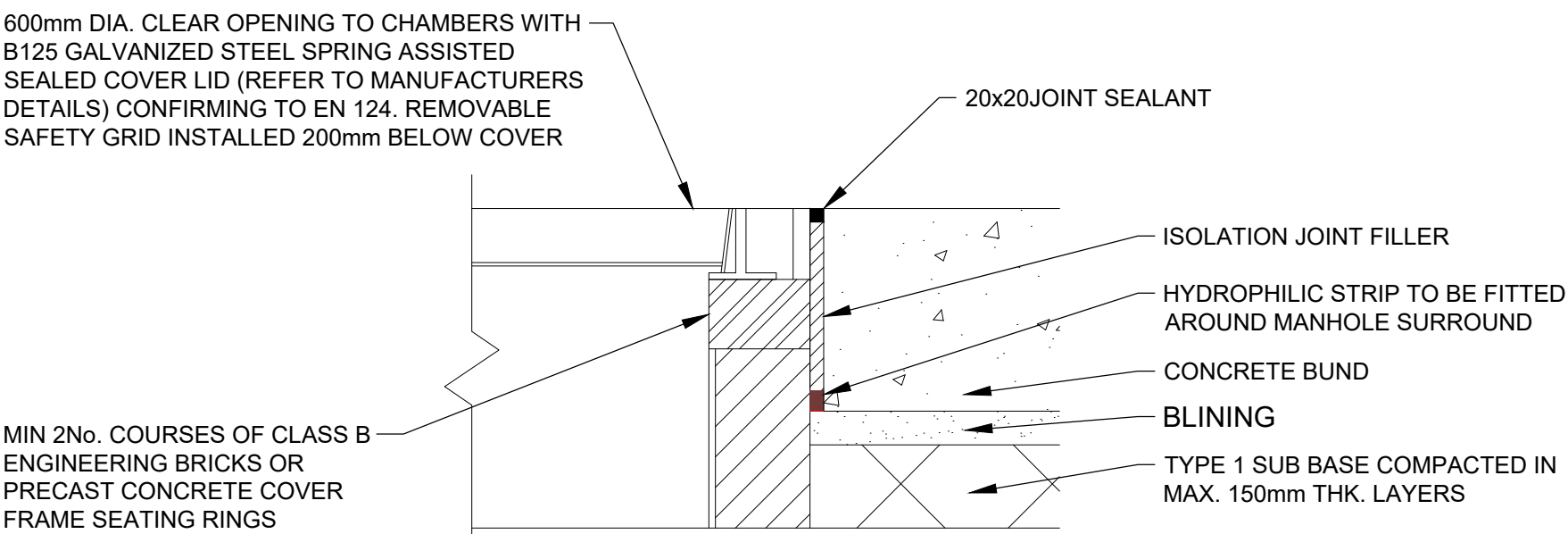
MARP-~~BHK~~-02-ZZ-DG-C-181529 - 18/0R/0221 - PORT TALBOT DRAINAGE CONSTRUCTION DETAILS SHEET 03

MARP-~~BHK~~-02-ZZ-DG-C-181530 - 18/0R/0222 - PORT TALBOT DRAINAGE OIL INTERCEPTOR DETAILS SHEET 04

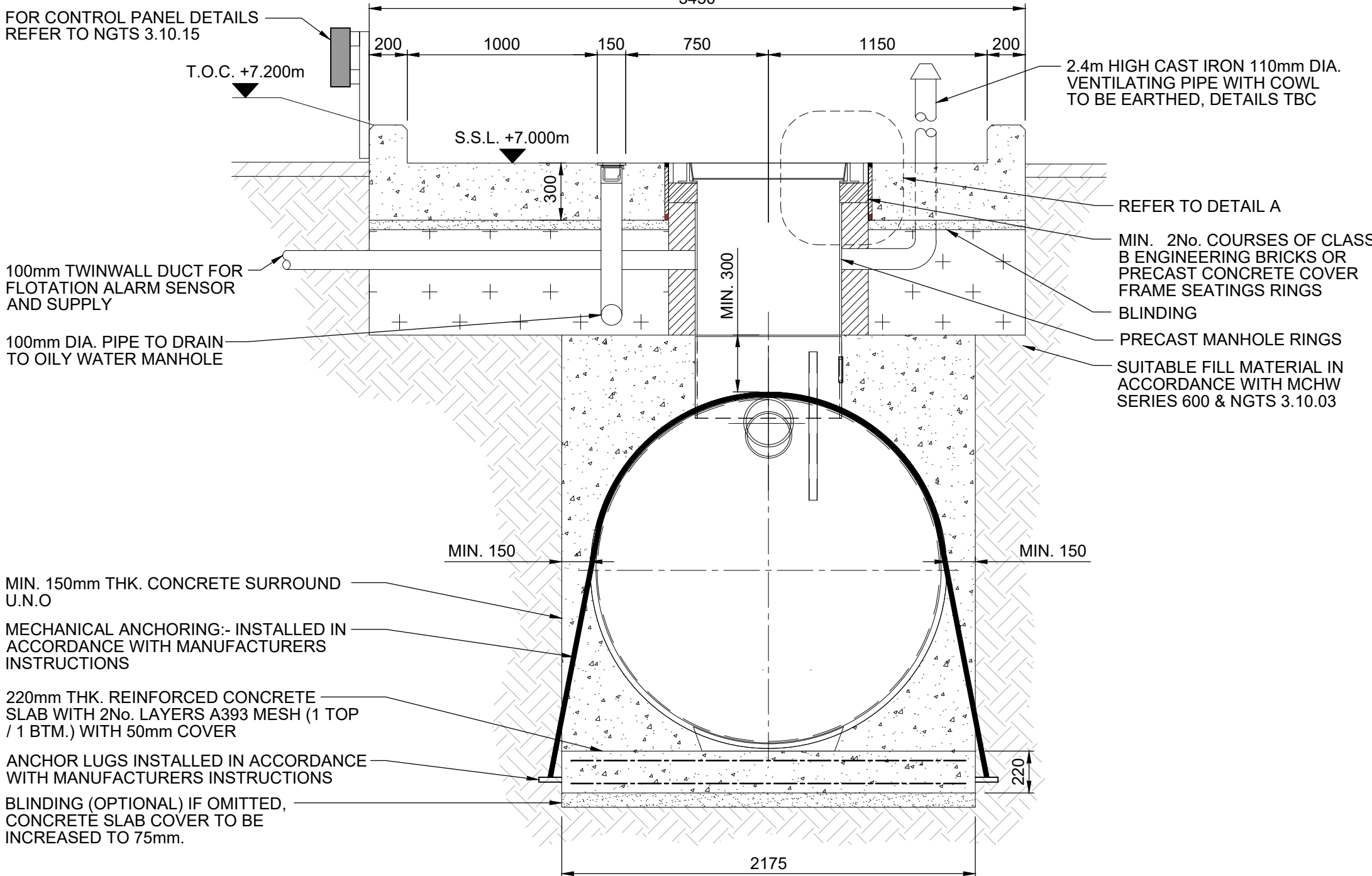
MARP-~~BHK~~-02-ZZ-DG-C-181531 - 18/0R/0223 - PORT TALBOT DRAINAGE CESSPOOL DETAILS SHEET 01

SPECIFICATIONS:

1. DRAINAGE WORKS TO BE IN ACCORDANCE WITH:-
 - NGTS 2.10.01 - OIL CONTAINMENT (ISSUE 2 - DECEMBER 2020)
 - NGTS 2.10.05 - COVERS, DUCTS & TRENCHES (ISSUE 1 - APRIL 2017)
 - NGTS 2.10.09 - DRAINAGE (ISSUE 1 - APRIL 2017)
 - NGTS 3.10.02 - MATERIALS (ISSUE 2 - APRIL 2017)
 - NGTS 3.10.03 - EXCAVATE, BACKFILL AND RESTORE (ISSUE 2 - APRIL 2017)
 - NGTS 3.10.05 - PIPELINES (ISSUE 2 - APRIL 2017)



DETAIL A - TOP OF MANHOLE /
SURFACE FINISH DETAIL



SECTION A - A
SCALE 1:25

SECTION B - E

SCALE 1:25