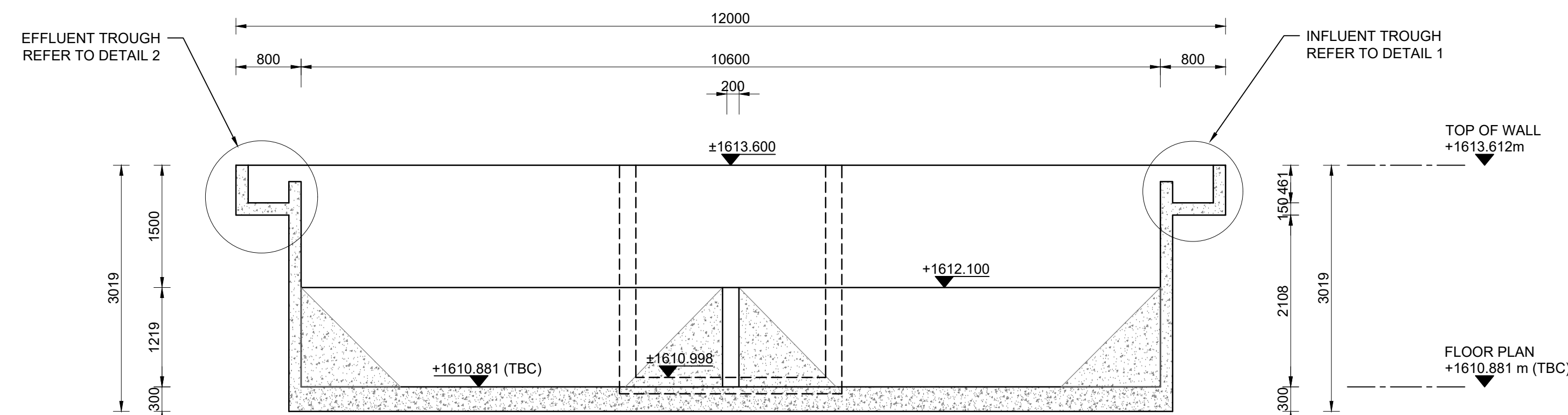
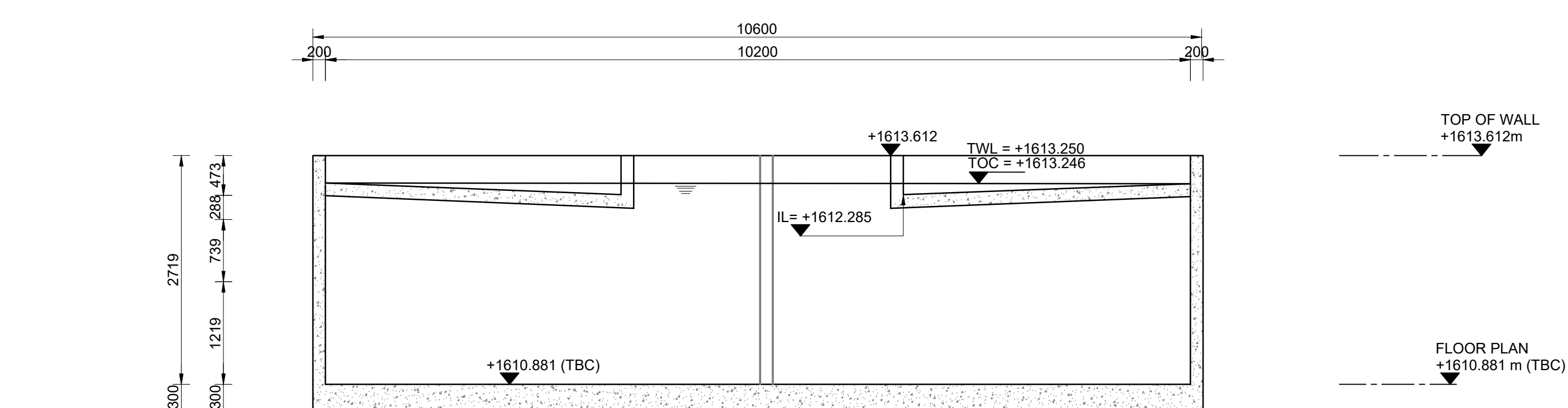


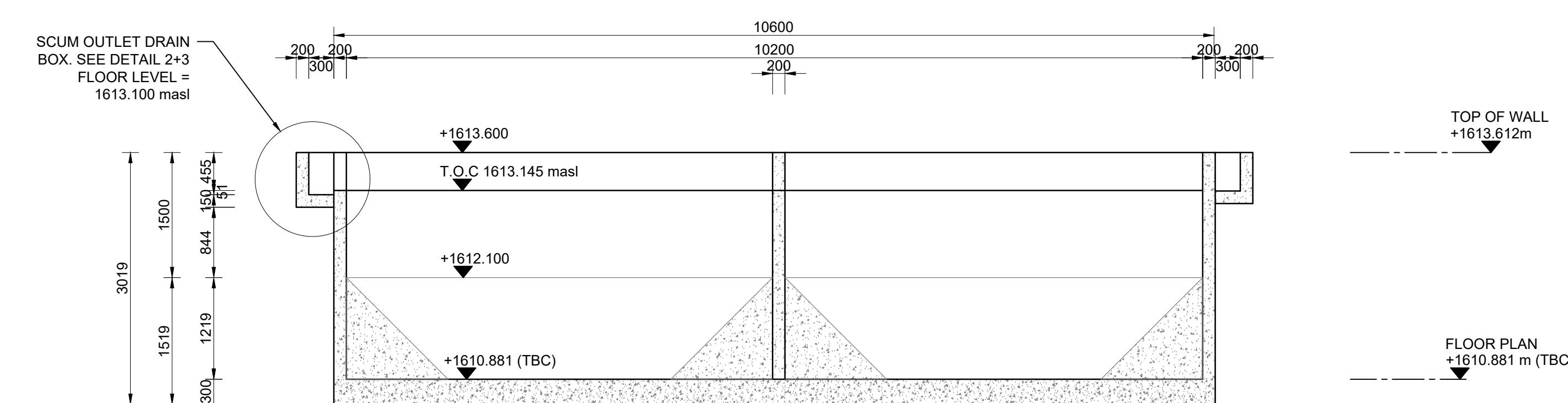
PLAN ON SETTLEMENT TANK WITH FLOOR LEVELS
SCALE 1:50



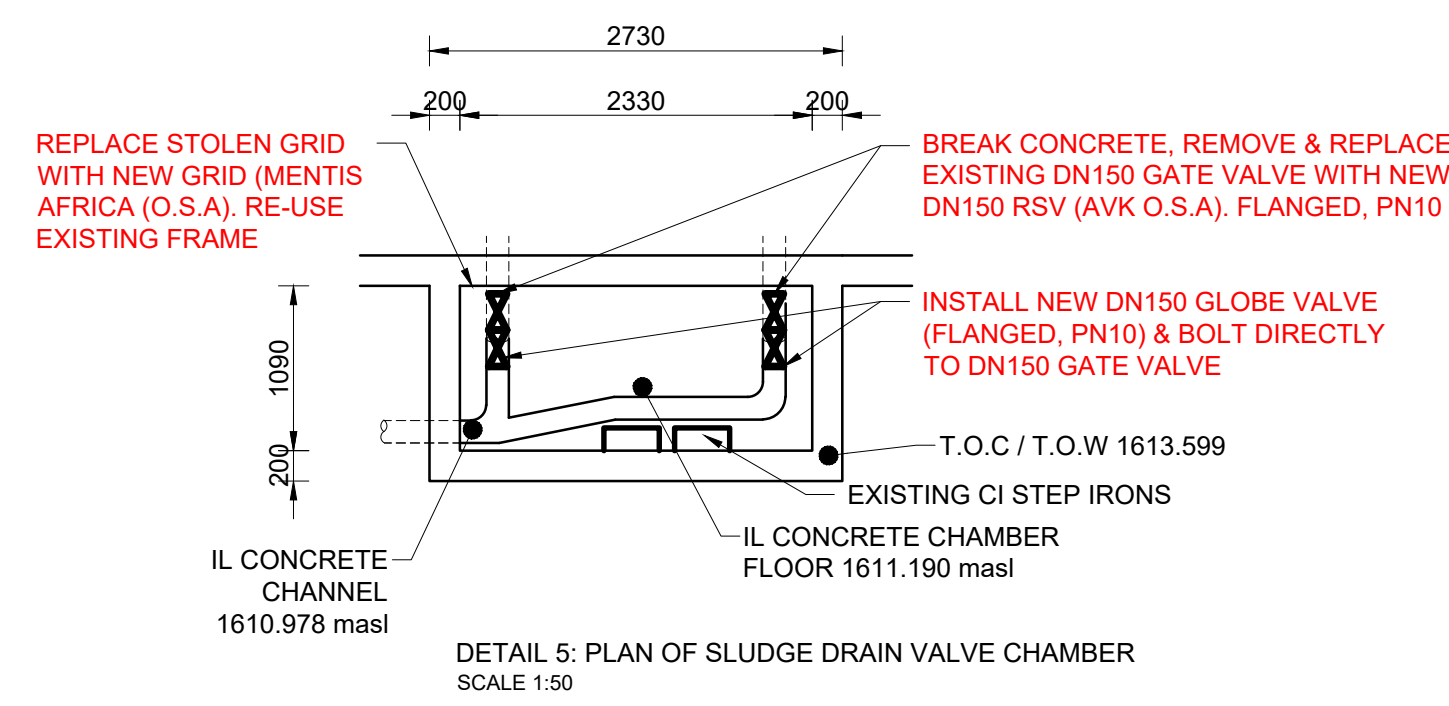
SECTION 1
SCALE 1:50



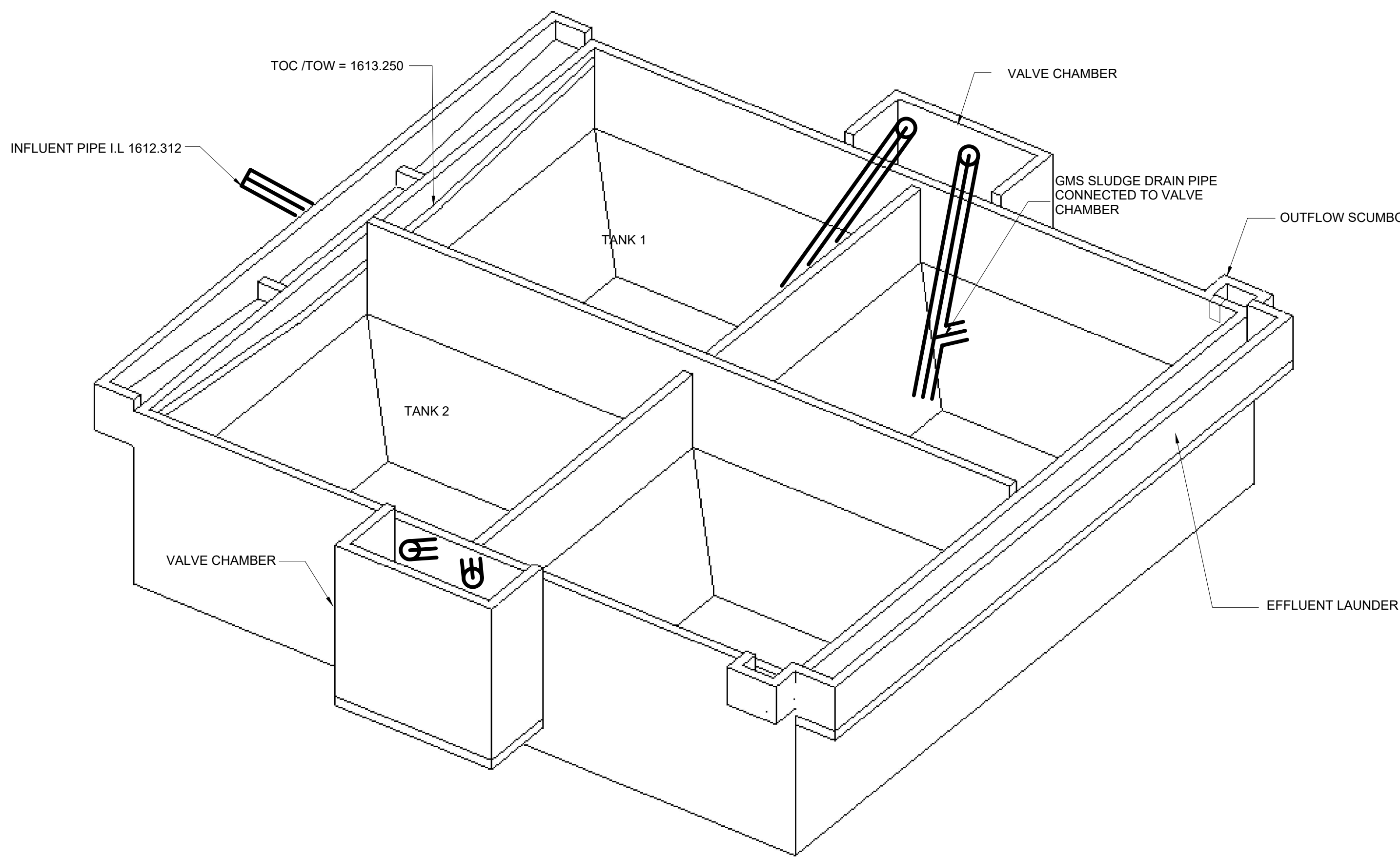
SECTION 2: INFLUENT TROUGH
SCALE 1:50



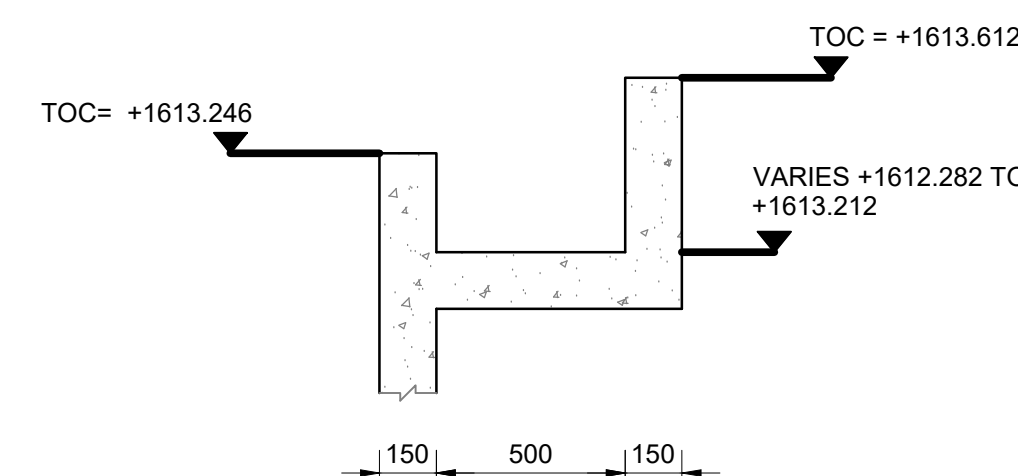
SECTION 3
SCALE 1:50



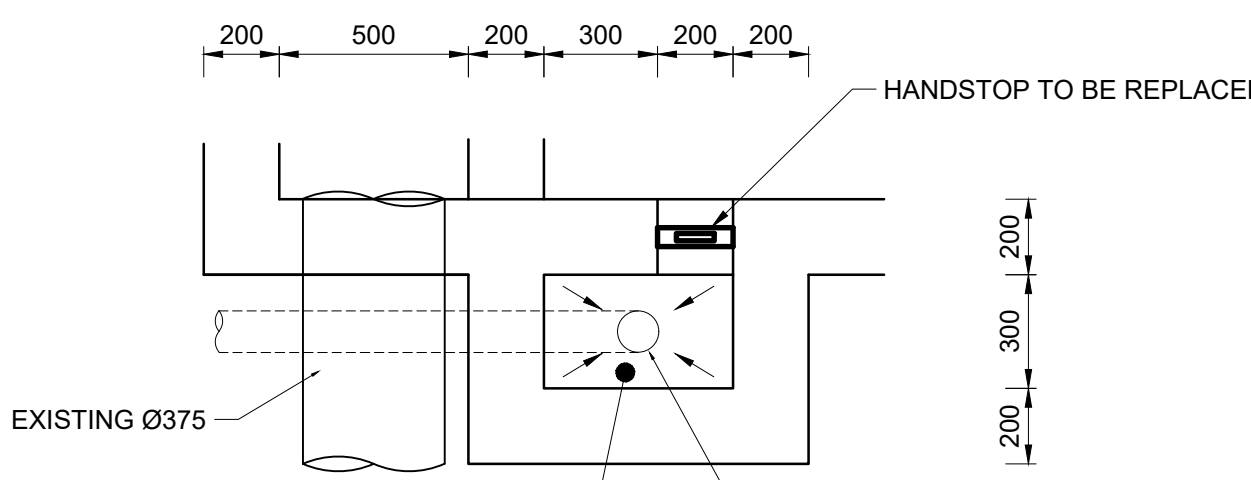
DETAIL 5: PLAN OF SLUDGE DRAIN VALVE CHAMBER
SCALE 1:50



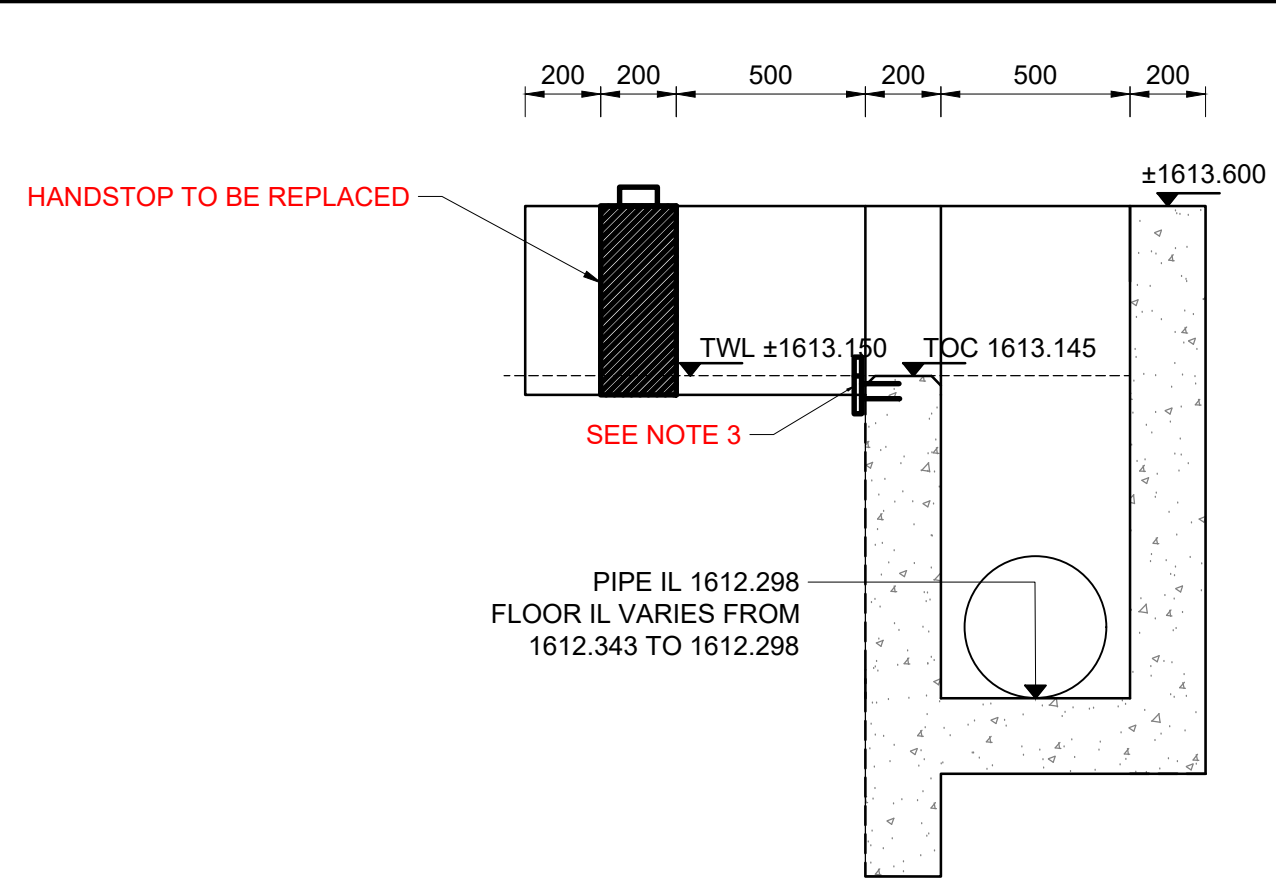
ISOMETRIC VIEW



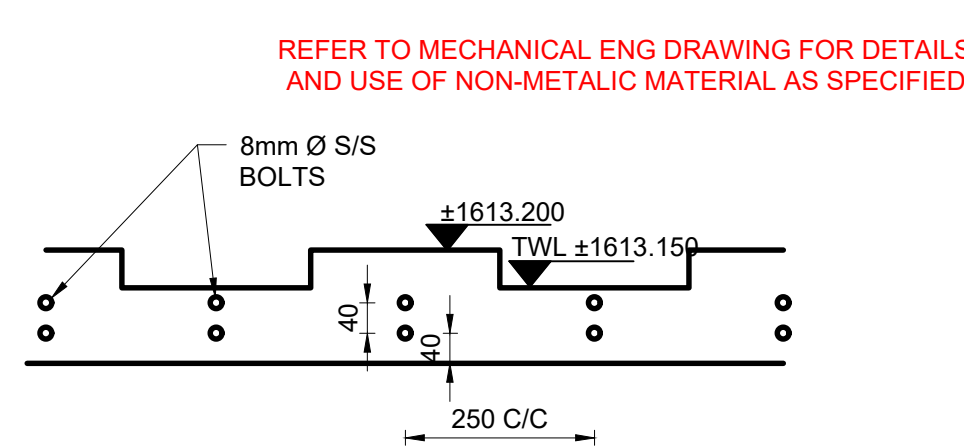
DETAIL 1: SECTION (INFLUENT TROUGH)
SCALE 1:20



DETAIL 3: SCUM OUTLET BOX / OVERFLOW
SCALE 1:20



DETAIL 2: EFFLUENT TROUGH (SECTION)
SCALE 1:20



DETAIL 4: CONCEPT: REPLACE WEIR PLATE (SIDE VIEW)
SCALE 1:10

- NOTES
1. AS-BUILT DRAWINGS (LAYOUT PLANS AND SECTIONS) PRODUCED ON THE BASIS OF PROFESSIONAL LAND SURVEYORS AS-BUILT SURVEY, APRIL 2023. HARBOR SURVEY PLY LTD AND V3 CONSULTING ENGINEERS SITE SURVEY, JAN 2023.
 2. DUE TO SUBMERGED CONDITIONS, DETAILS ON THE TANK BOTTOM COULD NOT BE VERIFIED AT THE TIME OF THE SURVEY. THE CONTRACTOR SHALL RE-SURVEY THE TANK UPON COMPLETION OF CLEANING AND STRUCTURAL REPAIRS (SEE NOTE 6) TO CONFIRM AS-BUILT DIMENSIONS AND LEVELS.
 3. REPLACEMENT WEIR PLATE TO BE FASTENED TO WALL. SEE DETAIL 4 FOR CONCEPT. FINAL DETAIL AS PER MECH ENGS SPEC & DRAWINGS.
 4. REPLACEMENT HAND RAILINGS TO BE BALL-JOINT TYPE (1M HIGH) AND TO BE ERECTED TO ALL ACCORD PERIMETER OF TANK.
 5. DRAWING TO BE READ WITH:
5.1 10909001 - 0104 (SITE LAYOUT)
5.2 10909001 - 0110 (SERVICES)
5.3 MECHANICAL ENGS DRAWINGS
 6. FOR MINOR STRUCTURAL REPAIRS (CRACK SEALING, FLOOR AND WALL SURFACE RENDERING & WATER PROOFING) REFER TO STRUCTURAL ENGINEER'S CONCRETE REPAIR SPECIFICATION.

LOCAL MUNICIPALITY: MAP



SPONSOR & REGULATOR: DWS



FOR TENDER

100 MILLIMETRES ON ORIGINAL DRAWING		
BEFORE CONTRACT COMMENCES		
AFTER CONSTRUCTION CONTRACT HAS COMMENCED		
Nr.	DATE	AMENDMENTS
(T1)	2025-02-21	ISSUED FOR TENDER
COPYRIGHT IS VESTED IN V3 CONSULTING ENGINEERS IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978)		

CLIENT / IMPLEMENTING AGENT



PROJECT
TSHAME WWTW REFURBISHMENT
BW CONTRACT: BW298/TSHIWWTW/22

DRAWING DESCRIPTION
PRIMARY SETTLING/IMHOFF TANK LAYOUT
AND SECTIONS - REFURBISH WORK

DRAWING NO.	REVISION
10909001 - 0513	(T1)

SURVEY:	AS	CHECKED:	GM
DRAWN:	HP, GM	SCALE: AS SHOWN	AO
APPROVED:	ECOA PR No: 201702M	INCEPTION DATE: 2025-02-21	
FILE PATH:	DRAWING: TSHIWWTW/22/000001 TSSAME: WWTW / G2 CONCEPT / G4 DRAW		

ISSUED FOR TENDER