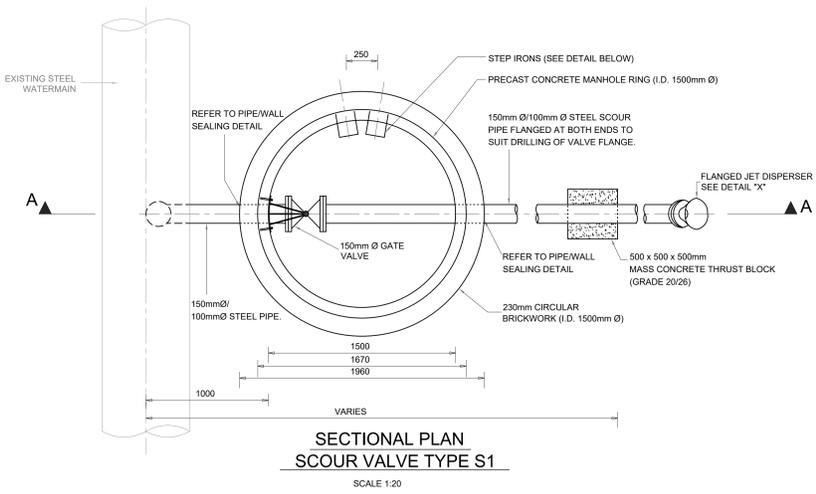




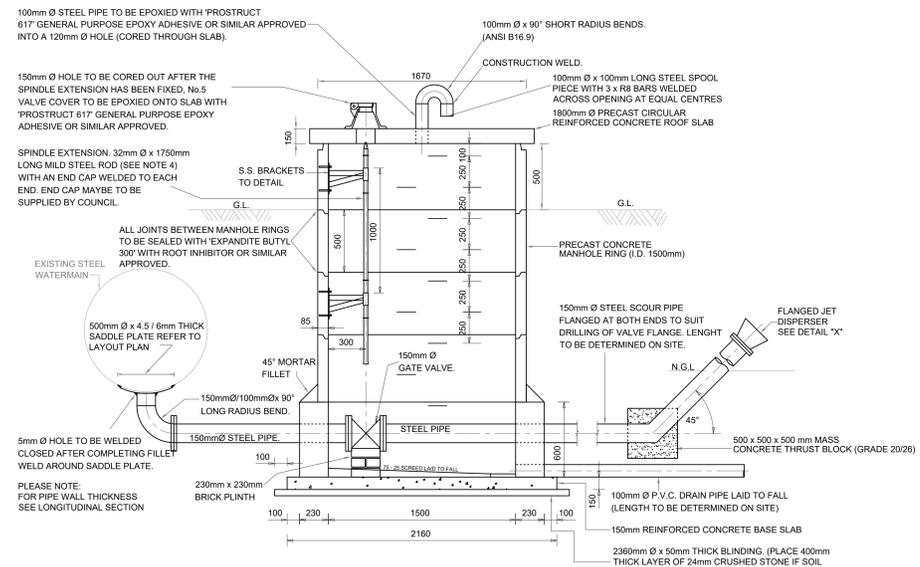
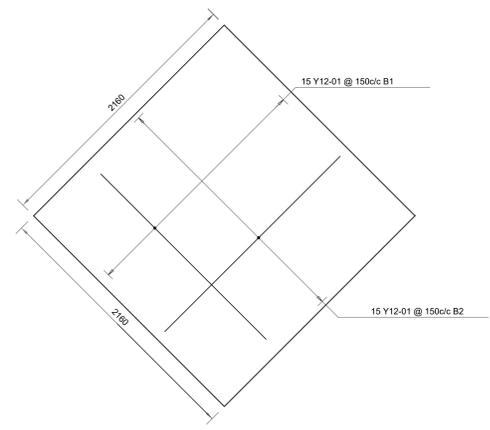
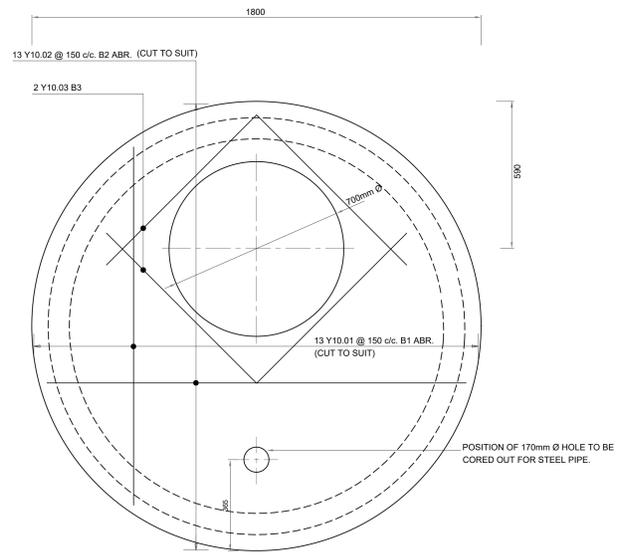
LEGEND EXISTING UNDERGROUND SERVICES ARE AS SHOWN BELOW
NEW INFRASTRUCTURE
EXISTING INFRASTRUCTURE

CONSTRUCTION INFORMATION

MAINLAYER	
START DATE	
FINISH DATE	
W/O NUMBER	
LEVEL OF SERVICE	
SUPERVISOR NAME	
CONTACT NUMBER	
DATE SENT TO GIS	
GIS INFORMATION	
DATE RECEIVED	
NAME	

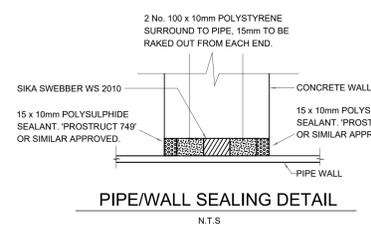
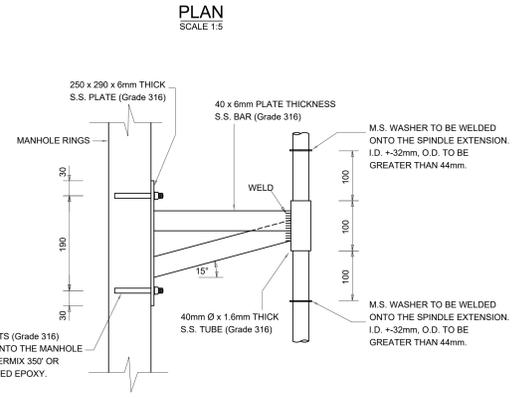
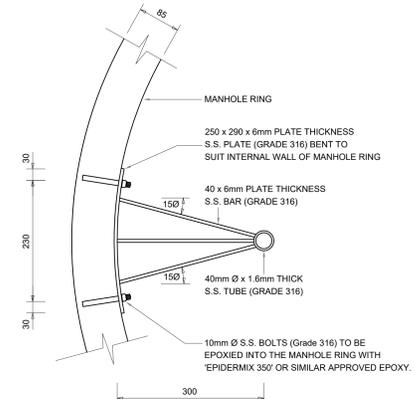


PLEASE NOTE:
• EXISTING WORK DONE PREVIOUSLY ARE INDICATED IN LIGHT COLOUR.
• NEW WORK IS INDICATED IN DARK
• TENDERERS TO NOTE THIS IN THEIR PRICING

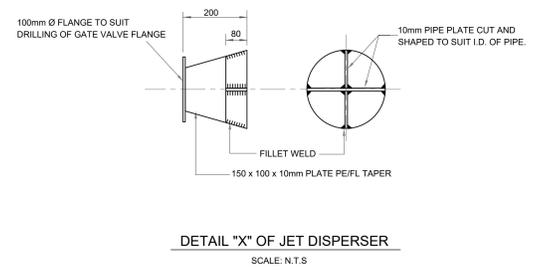
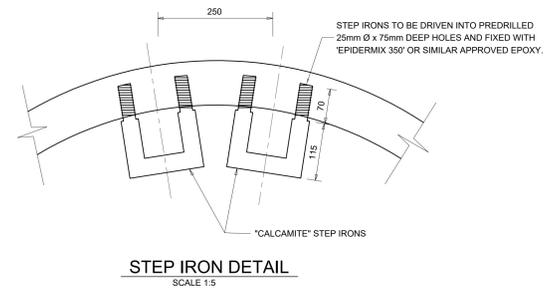


COMPONENT LOCATION	No. OFF	No. IN EACH	TYPE MARK	Total No.	LENGTH mm	SHAPE CODE	BENDING DIMENSIONS				
							A mm	B mm	C mm	D mm	E/R mm
FLOOR SLAB			Y12.01	30	2050	20	2050				
CONCRETE COVER -			Y10.01	13	1800	37	90	1740			
			Y10.02	13	1800	37	80	1740			
			Y10.03	2	1475	37	750				

CONCRETE COVER		FLOOR SLAB		COVER TO ALL STEEL (STEEL TO SABS 920)		STRENGTH	
TYPE	MASS	TYPE	MASS	FLOOR SLAB: 50mm	ROOF SLAB: 30mm	25 MPa at 28 days	
M.S		M.S					
H.T	30.8	H.T	56.00				



DETAIL OF S.S. BRACKETS SCALE 1:5



- NOTE:
1. ROOF SLABS TO BE PRECAST ON SHUTTERS.
 2. CHAMBER TO BE FOUNDED ON INSITU MATERIAL OR ON REWORKED MATERIAL COMPACTED TO 95% Mod.A.A.S.H.T.O.
 3. FOUNDATIONS TO HAVE 50mm THICK BLINDING LAYER OF GRADE 15/26 CONCRETE BEFORE BASE REINFORCEMENT IS PLACED.
 4. ALL MILD STEEL AND STEEL PIPEWORK TO BE RILSAN LINED AND COATED OR SIMILAR APPROVED TO A MINIMUM DRY FILM THICKNESS OF 300 MICRONS.
 5. EXPOSED EXTERNAL SIDES OF CHAMBER & ROOF SLABS TO BE PAINTED WITH 2 COATS OF A PLASTICISED PAINT, 'IVORY PROTECOTE PAINT' OR SIMILAR APPROVED. COLOUR: CHAMBER - 'FOREST GREEN' ROOF SLAB - 'GOLDEN YELLOW'
 6. ALL JOINTS BETWEEN MANHOLE RINGS TO BE SEALED WITH 'EXPANDITE BUTYL 300' WITH ROOT INHIBITOR OR SIMILAR APPROVED.

Contract No. **WS 7589**

Project No. **X6714**

Planning Unit **WEST HAMMARSDALE - STERKSPRUIT**

Ward No. **103 and 4**

Project Title **HAMMARSDALE HIGH LEVEL RESERVOIR INLET (PHASE 2)**

Drawing Title **SCOUR CHAMBER, DETAILS & REINFORCING DETAILS (H44, H50 & H54)**

Scale: 1:20, 1:10 & 1:5
Designed: R.NHLUMAYO Date: MAR 2023
Checked: Drawn: S.ZULU

Area Engineer
Manager (Water Design)
Deputy Head (Engineering)

E. MSWELI - Head (W & S)

Drawing No. **56724** Sheet **17/24** Rev. **A**

FOR TENDER PURPOSES