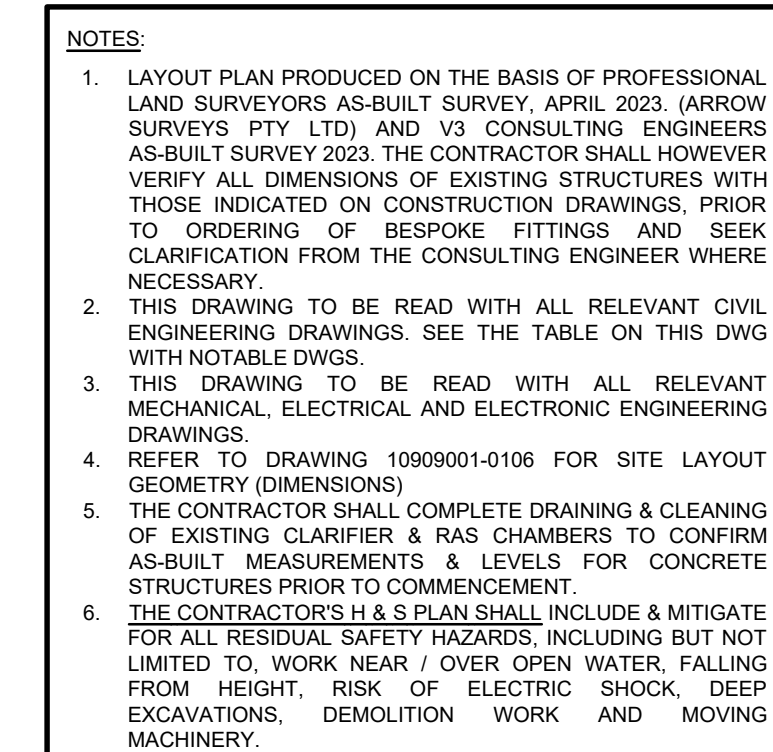


SCALE 1: 25



LEGEND:

RAS PUMP MAIN (CENTRE LINE) _____

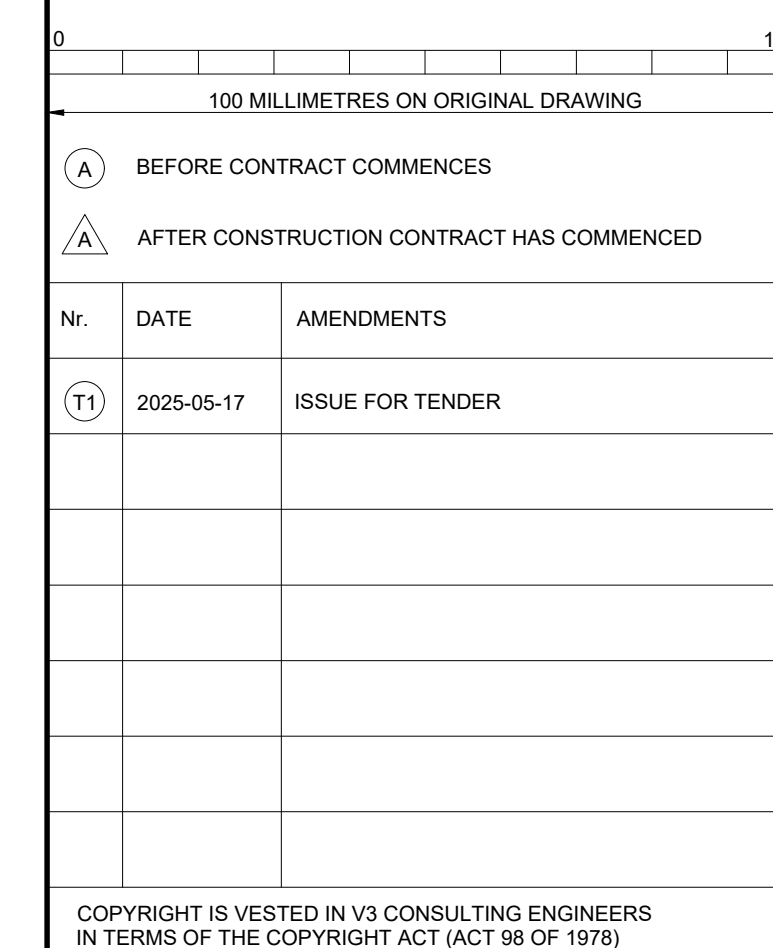
LEGEND:

BOQ:	BILL OF QUANTITIES (SEE CONTRACT DOCUMENTS)
CIV:	CIVIL ENGINEERING
E:	ELECTRICAL & (ELECTRONIC FOR MCC'S & TELECOM)
M:	MECHANICAL
MEICA:	MECH ELECTRICAL INSTRUMENTATION CONTROL & AUTOMATION
ToC:	TOP OF CONCRETE (NEW)
ToC (Ex):	TOP OF CONCRETE (EXISTING)
FFL:	FINISHED FLOOR LEVEL (NEW)
TWL:	TOP WATER LEVEL

LOCAL MUNICIPALITY: M&P	SPONSOR & REGULATOR: DWS
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ISSUE FOR TENDER



CLIENT / IMPLEMENTING AGENCY



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

DRAWING DESCRIPTION

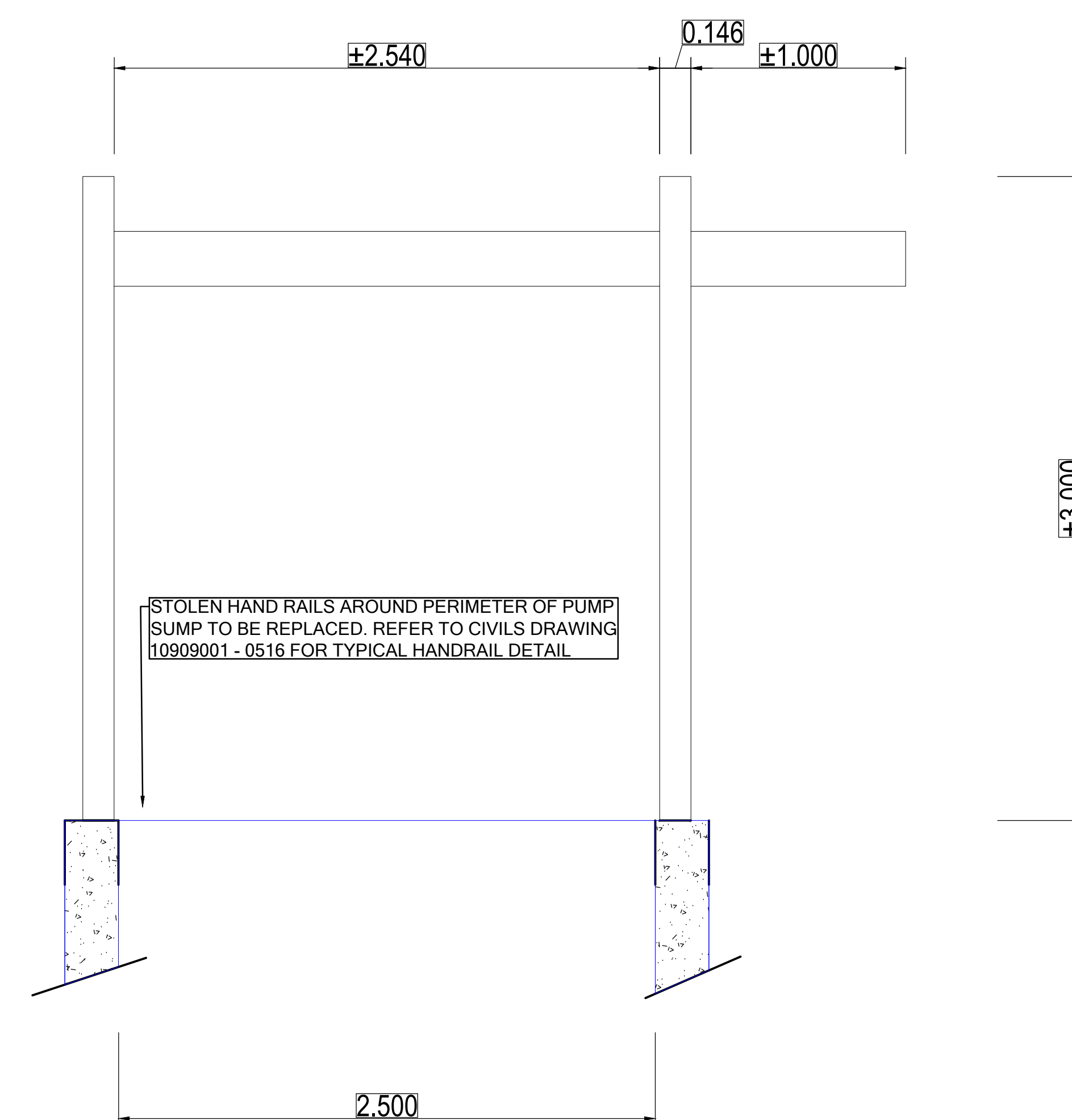
RAS ABSTRACTION; CIVILS LAYOUT & REFURBISHMENT DETAILS

DRAWING NO.	REVISION
10909001 - 0529	T1

DESIGNED:	GM	CHECKED:	GM
DRAWN:	HP	SCALE:	A0
APPROVED:	INCEPTION DATE:		
ECSA PR ENG NO: 2017/0264			
FILE PATH:	SHAREPOINT/ BLOEMFONTEIN - 10509001 TSHAME WWTW / 02 CONCEPT / 04 DRAW		

ISSUE FOR TENDER

SCALE 1: 20



REFER TO MECH ENG DRAWING
FOR DETAIL ON NEW PIPEWORK
AND PUMPS, VALVES & FITTINGS