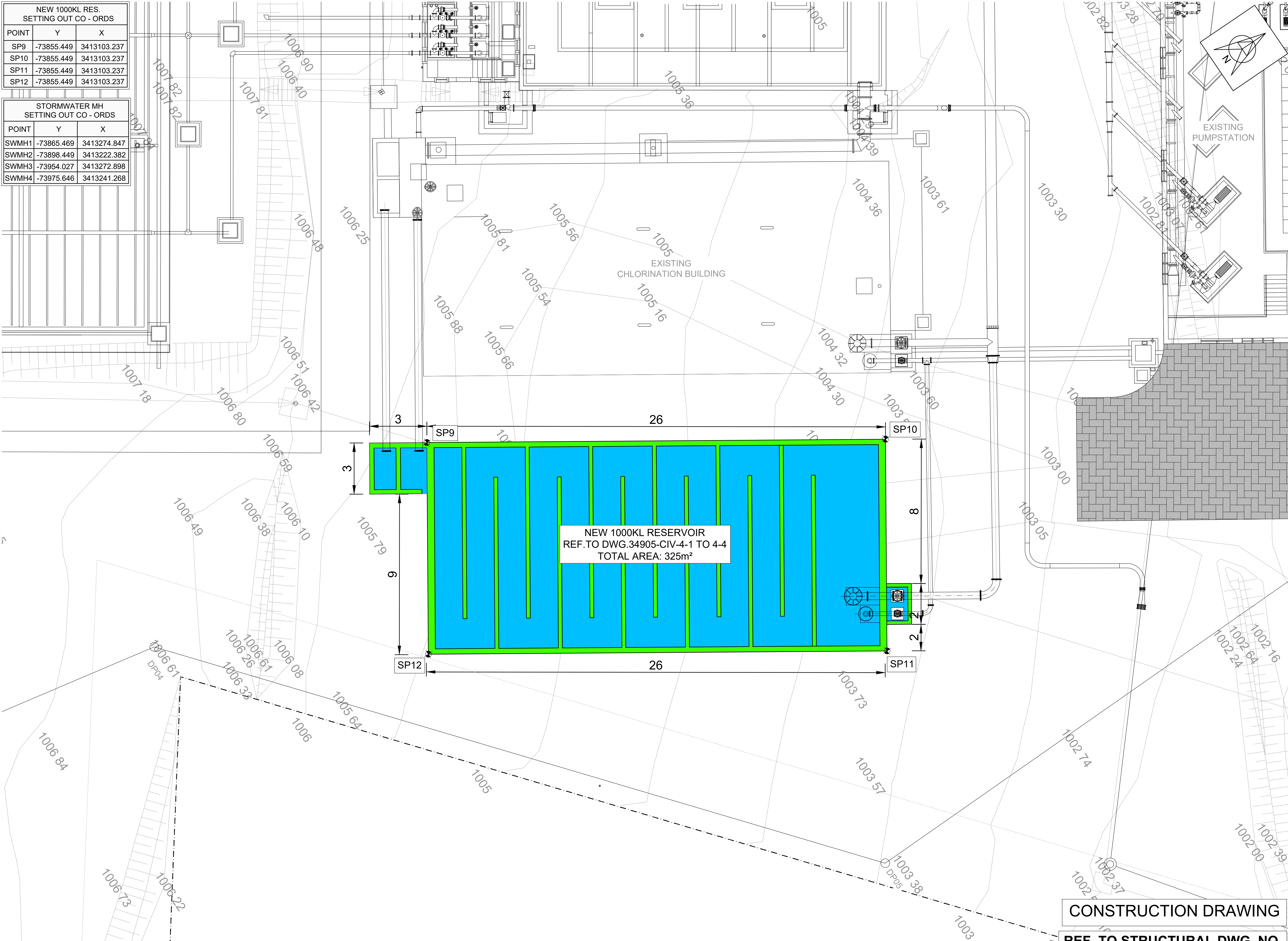


NEW 1000KL RES. SETTING OUT CO - ORDS		
POINT	Y	X
SP9	-73855.449	3413103.237
SP10	-73855.449	3413103.237
SP11	-73855.449	3413103.237
SP12	-73855.449	3413103.237

STORMWATER MH SETTING OUT CO - ORDS		
POINT	Y	X
SWMH1	-73865.469	3413274.847
SWMH2	-73898.449	3413222.382
SWMH3	-73954.027	3413272.898
SWMH4	-73975.646	3413241.268



**NEW 1000KL RESERVOIR LAYOUT**  
SCALE 1:100

**CONSTRUCTION DRAWING**  
**REF. TO STRUCTURAL DWG. NO.**  
**34905-STR-5-1 TO 5-4**  
**34905-STR-320 & 370**

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

THE COPYRIGHT IN THIS DRAWING, INCLUDING THE DESIGN AND DETAILS SHOWN HEREON IS RESERVED BY THE ENGINEERS.

**NOTE:**  
**ALL NEW CONCRETE STRUCTURES TO BE 35/19 MPa REINFORCED CONCRETE**

NOTES:  
ANY ERRORS, DIMENSIONS OR DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.  
TOLERANCES SHALL BE DEGREE OF ACCURACY II UNLESS OTHERWISE SPECIFIED  
ALL OVER - EXCAVATION SHALL BE MADE GOOD USING MASS CONCRETE FOR THE CONTRACTOR'S ACCOUNT.  
**CONCRETE**  
NO-FINES CONCRETE, WHERE STRUCTURAL CONCRETE IS TO BE PLACED ON TOP, SHALL BE FINISHED WITH A SKIMMED COAT OF MORTAR TO LIMIT BLEEDING OF STRUCTURAL CONCRETE AND OR BLINDING OF THE NO-FINE LAYER.  
ALL EXPOSED CORNERS SHALL BE CHAMFERED 25mm x 25mm.  
BLINDING SHALL BE OF CLASS 15/19 mm  
MASS CONCRETE SHALL BE OF CLASS 15/19 mm  
STRUCTURAL CONCRETE SHALL BE OF CLASS 35/19 mm  
ALL EXPOSED FORMED CONCRETE SURFACES SHALL BE SMOOTH OFF SHUTTER FINISH  
ALL SURFACES EXPOSED TO WATER SHALL BE STEEL TROWELED FINISHED. WALKWAY AND TOP OF WALLS SHALL BE WOOD FLOAT FINISH.  
**REINFORCEMENT**  
CONCRETE COVER TO REINFORCEMENT TO BE MINIMUM 40mm. COVER TO REINFORCEMENT WHERE CONCRETE IS CAST AGAINST SOIL SHALL BE AT LEAST 75mm.  
WELDING, HEATING TREATMENT AND GAS CUTTING OF REINFORCEMENT SHALL NOT BE PERMITTED

0	M.S	09/23	ISSUED FOR CONSTRUCTION
Rev.	By	Date	Revision Details

CONSULTANT

DESIGNED	M. STEYN	NOV 2022
CHECKED	W.DE.LANGE	NOV 2022
DRAWN	J.A.JONKER	NOV 2022
CHECKED	W.DE.LANGE	NOV 2022

CLIENT

ALFRED NZO

water affairs  
Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

CLIENT APPROVED	DATE
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PROJECT TITLE	NOMLACU WTW UPGRADES & EXTENSIONS
DRAWING TITLE	NEW 1000KL RESERVOIR LAYOUT
SCALE: AS SHOWN	
DRAWING NO. 34905-CIV-4-1	REV. 0