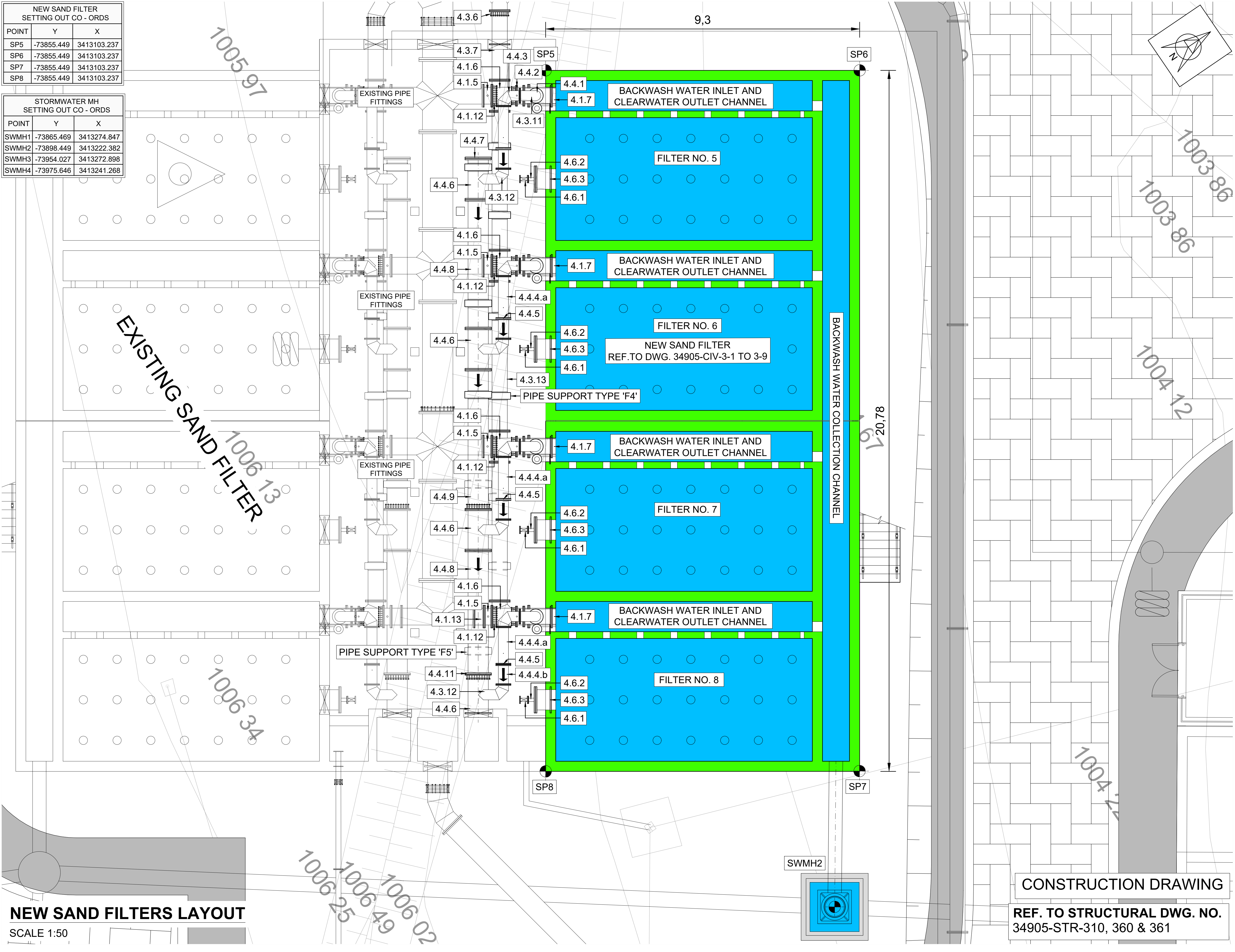


NEW SAND FILTER SETTING OUT CO - ORDS		
POINT	Y	X
SP5	-73855.449	3413103.237
SP6	-73855.449	3413103.237
SP7	-73855.449	3413103.237
SP8	-73855.449	3413103.237

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



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 FLAT 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

Department: Water Affairs  
REPUBLIC OF SOUTH AFRICA

ALFRED NZO

CLIENT APPROVED	DATE
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CONSULTANT SIGNATURE	DATE
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PROJECT TITLE

NOMLACU WTW  
UPGRADES & EXTENSIONS

DRAWING TITLE

NEW SAND FILTER LAYOUT

SCALE: AS SHOWN

DRAWING NO. 34905-CIV-3-1	REV. 0
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**CONSTRUCTION DRAWING**

**REF. TO STRUCTURAL DWG. NO. 34905-STR-310, 360 & 361**