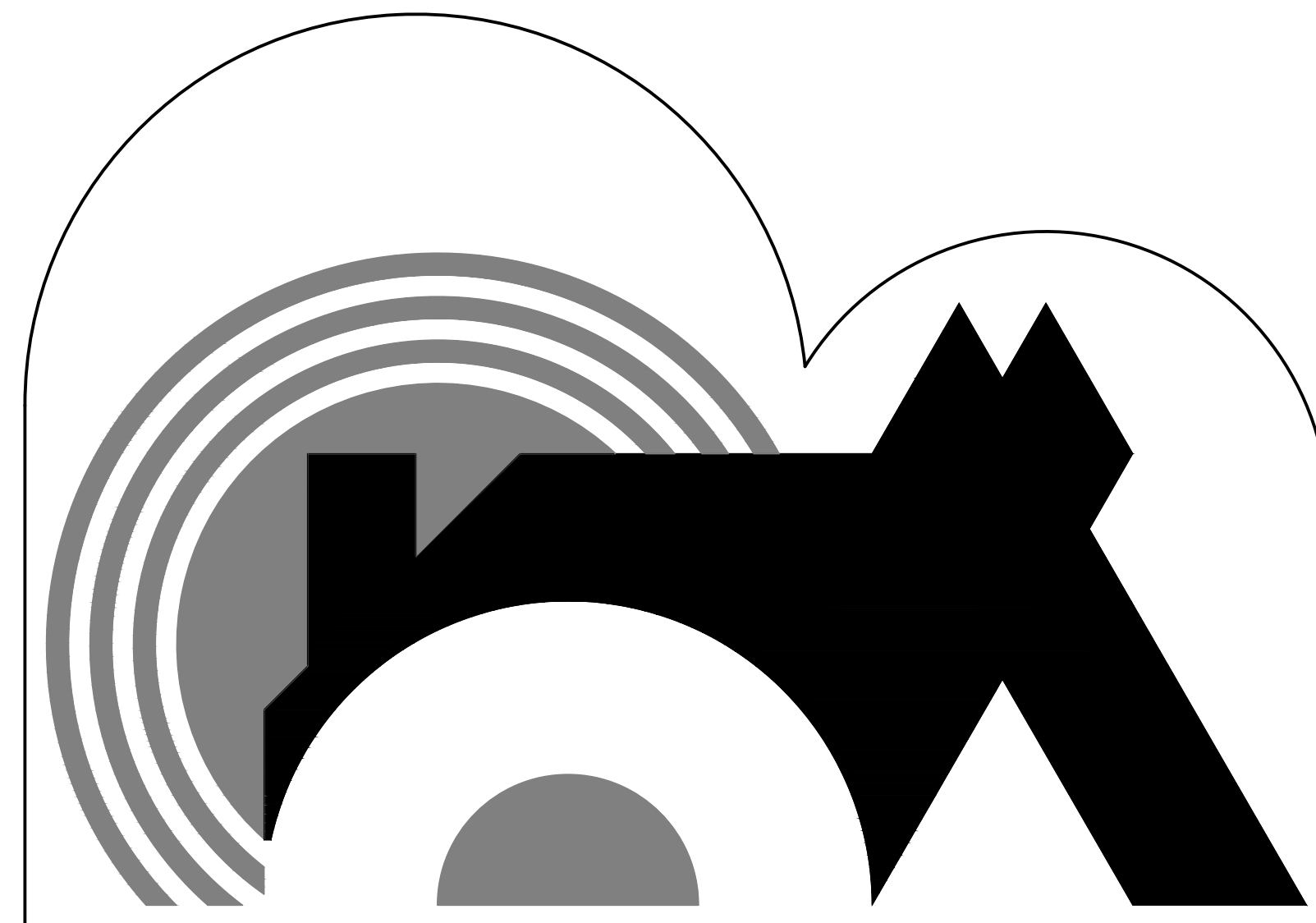




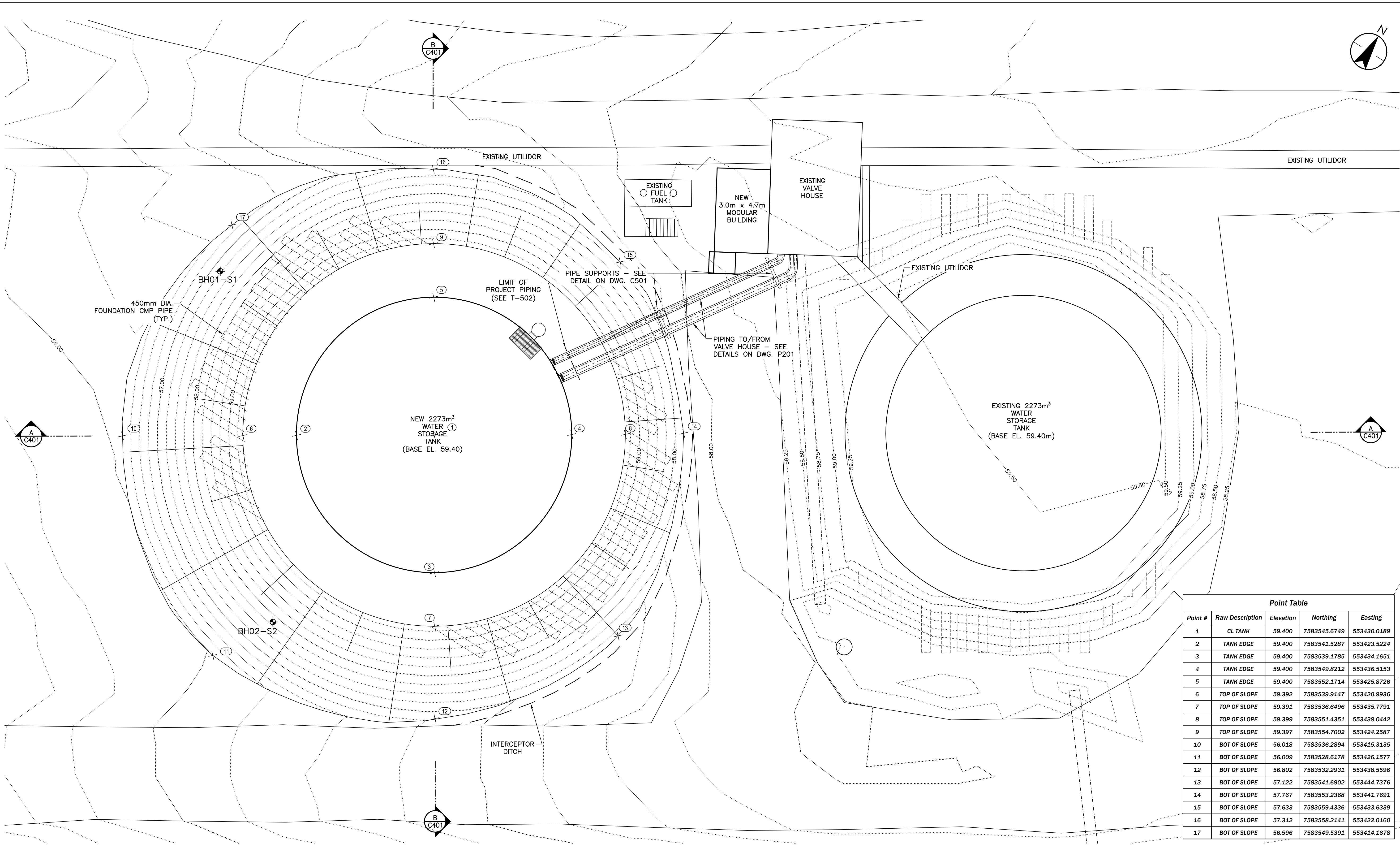
INUVIK

TOWN OF INUVIK, NT NEW WATER STORAGE RESERVOIR

March 2018

Project Number: 1101-26057

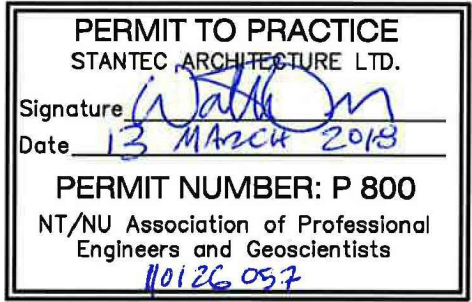
ISSUED FOR TENDER



Point Table				
Point #	Raw Description	Elevation	Northing	Easting
1	CL TANK	59.400	7583545.6749	553430.0189
2	TANK EDGE	59.400	7583541.5287	553423.5224
3	TANK EDGE	59.400	7583539.1785	553434.1651
4	TANK EDGE	59.400	7583549.8212	553436.5153
5	TANK EDGE	59.400	7583552.1714	553425.8726
6	TOP OF SLOPE	59.392	7583539.9147	553420.9936
7	TOP OF SLOPE	59.391	7583536.6496	553435.7791
8	TOP OF SLOPE	59.399	7583551.4351	553439.0442
9	TOP OF SLOPE	59.397	7583554.7002	553424.2587
10	BOT OF SLOPE	56.018	7583536.2894	553415.3135
11	BOT OF SLOPE	56.009	7583528.6178	553426.1577
12	BOT OF SLOPE	56.802	7583532.2931	553438.5596
13	BOT OF SLOPE	57.122	7583541.6902	553444.7376
14	BOT OF SLOPE	57.767	7583553.2368	553441.7691
15	BOT OF SLOPE	57.633	7583559.4336	553433.6339
16	BOT OF SLOPE	57.312	7583558.2141	553422.0160
17	BOT OF SLOPE	56.596	7583549.5391	553414.1678

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TOWN OF INUVIK, NT
NEW WATER STORAGE RESERVOIR
Inuvik, Northwest Territories/Canada

File Name: C201-401.DWG
B.W.B. Dwn. K.R.J. Chkd. K.R.J. Dsgn. 18.01.08 YY.MM.DD

Title

CIVIL
SITE PLAN

Project No.
110126057

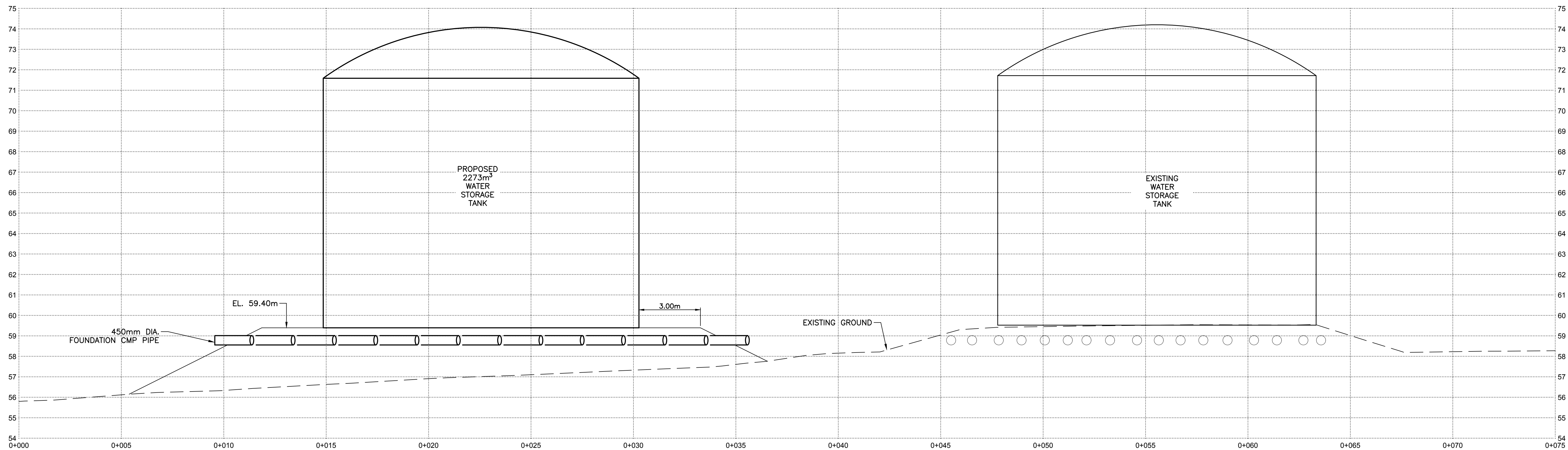
Drawing No.

C201

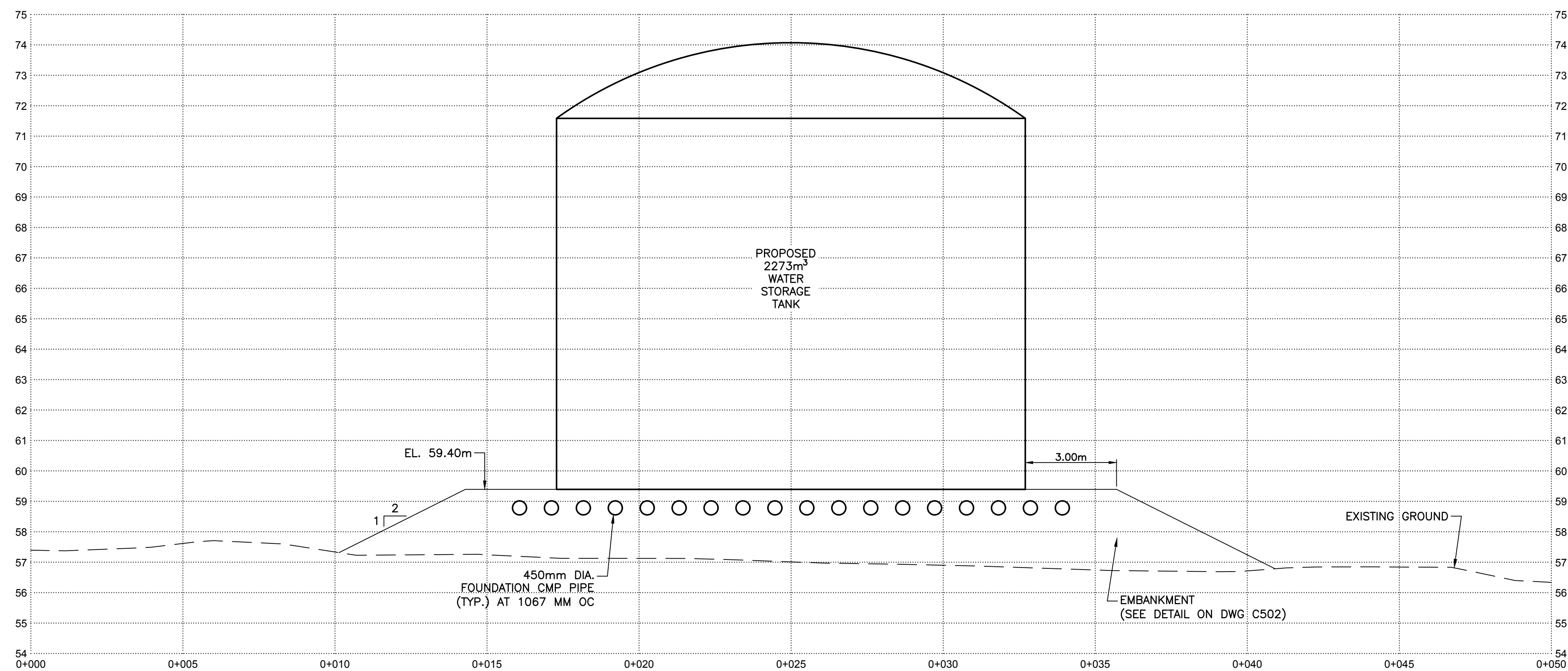
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Sheet Revision

of 0



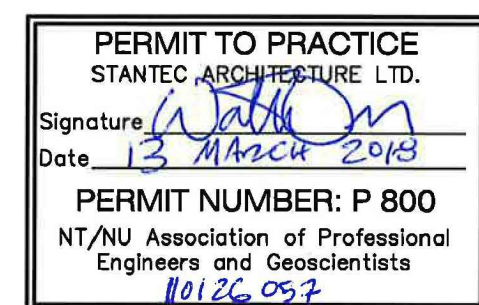
SECTION A-A
1:100



SECTION B-B
1:100

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NEW WATER STORAGE RESERVOIR
Inuvik, Northwest Territories/Canada

File Name: C201-401.DWG

B.W.B. Dwn. K.R.J. Chkd. K.R.J. Dsgn. 18.01.08 YY.MM.DD

Title

CIVIL
SECTIONS

Project No.
110126057

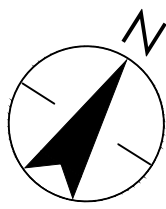
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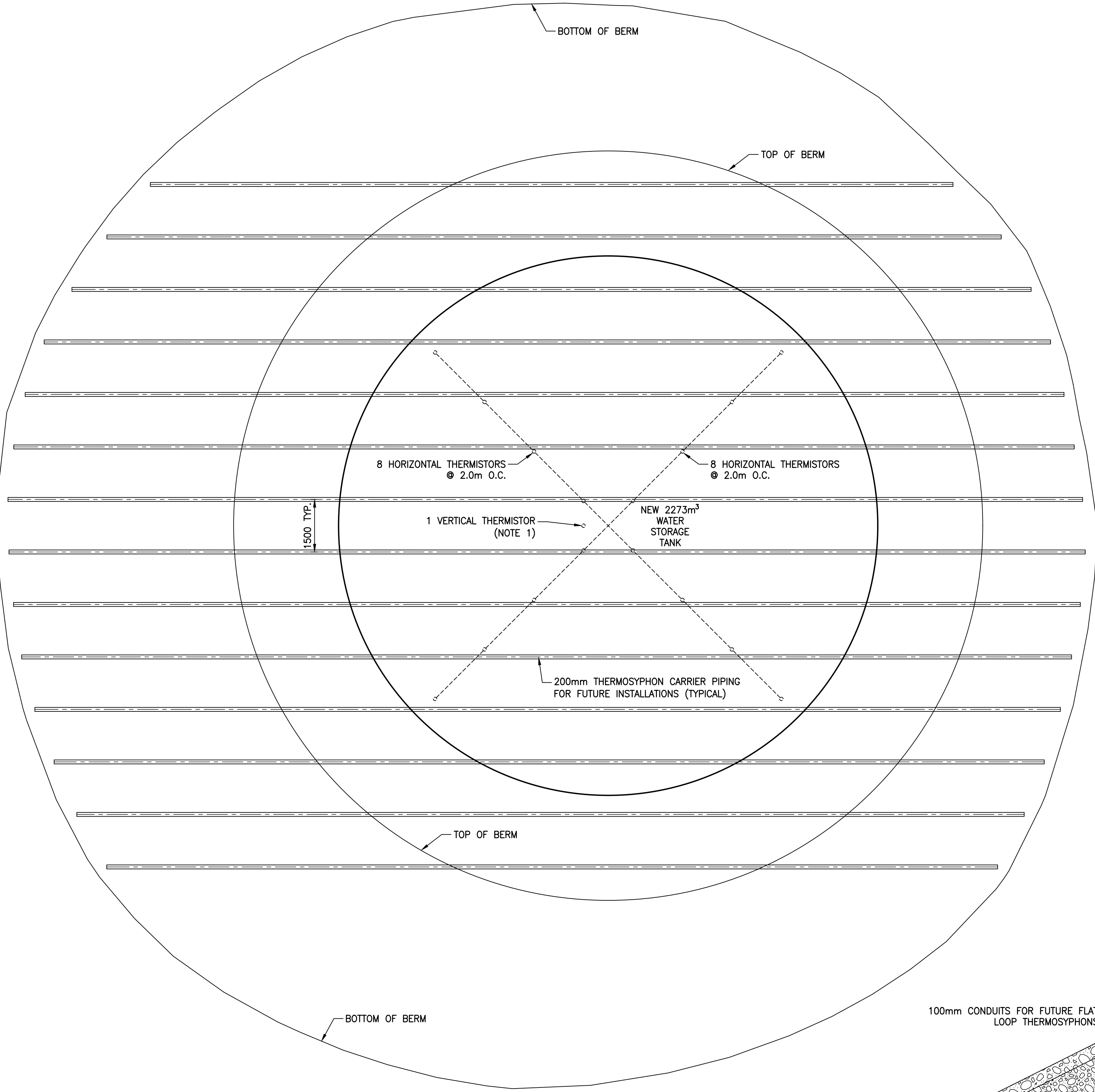
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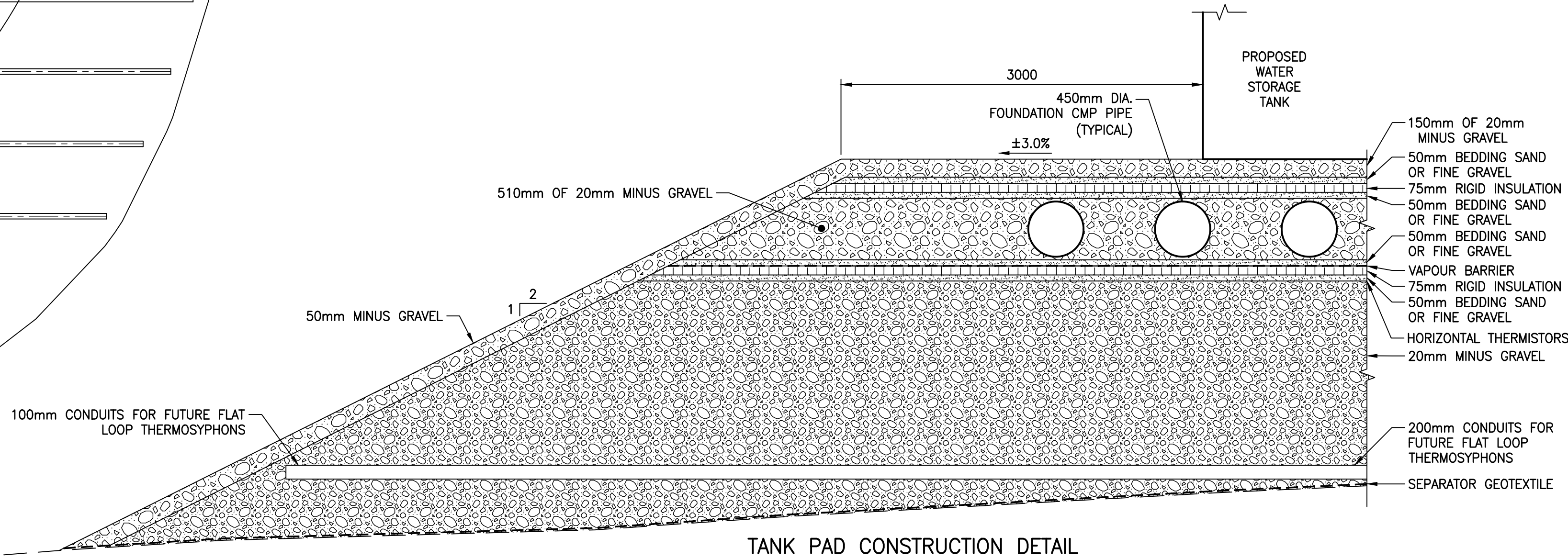
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- NOTES
1. VERTICAL THERMISTOR DRILLED TO A DEPTH OF 15m BELOW BASE OF RESERVOIR. THERMISTOR BEADS AT DEPTHS OF 0.5/1.5/3.0/5.0/7.5/10.0/12.5/15.0m



THERMOSYPHON / THERMISTOR LAYOUT
1:75

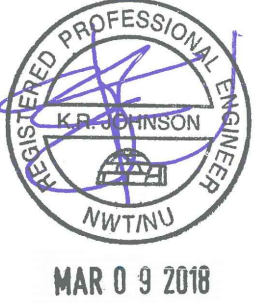
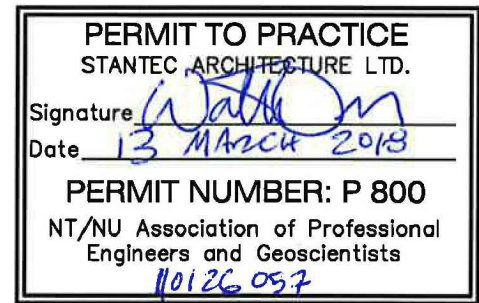


TANK PAD CONSTRUCTION DETAIL
1:30

\\1101\work\110126057\working\drawings\01-civil\current\C501-502.dwg
2018/03/13 1:59 PM B. Papadimitrakis

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TOWN OF INUVIK, NT
NEW WATER STORAGE RESERVOIR
Inuvik, Northwest Territories/Canada

File Name:	C501-502.DWG	B.W.B.	K.R.J.	J.M.O.	18.01.08
		Dwn.	Chkd.	Dgn.	YY.MM.DD

Title

CIVIL
THERMOSYPHON LAYOUT AND
TANK PAD CONSTRUCTION DETAIL

Project No.
110126057

Scale
AS SHOWN

Drawing No.

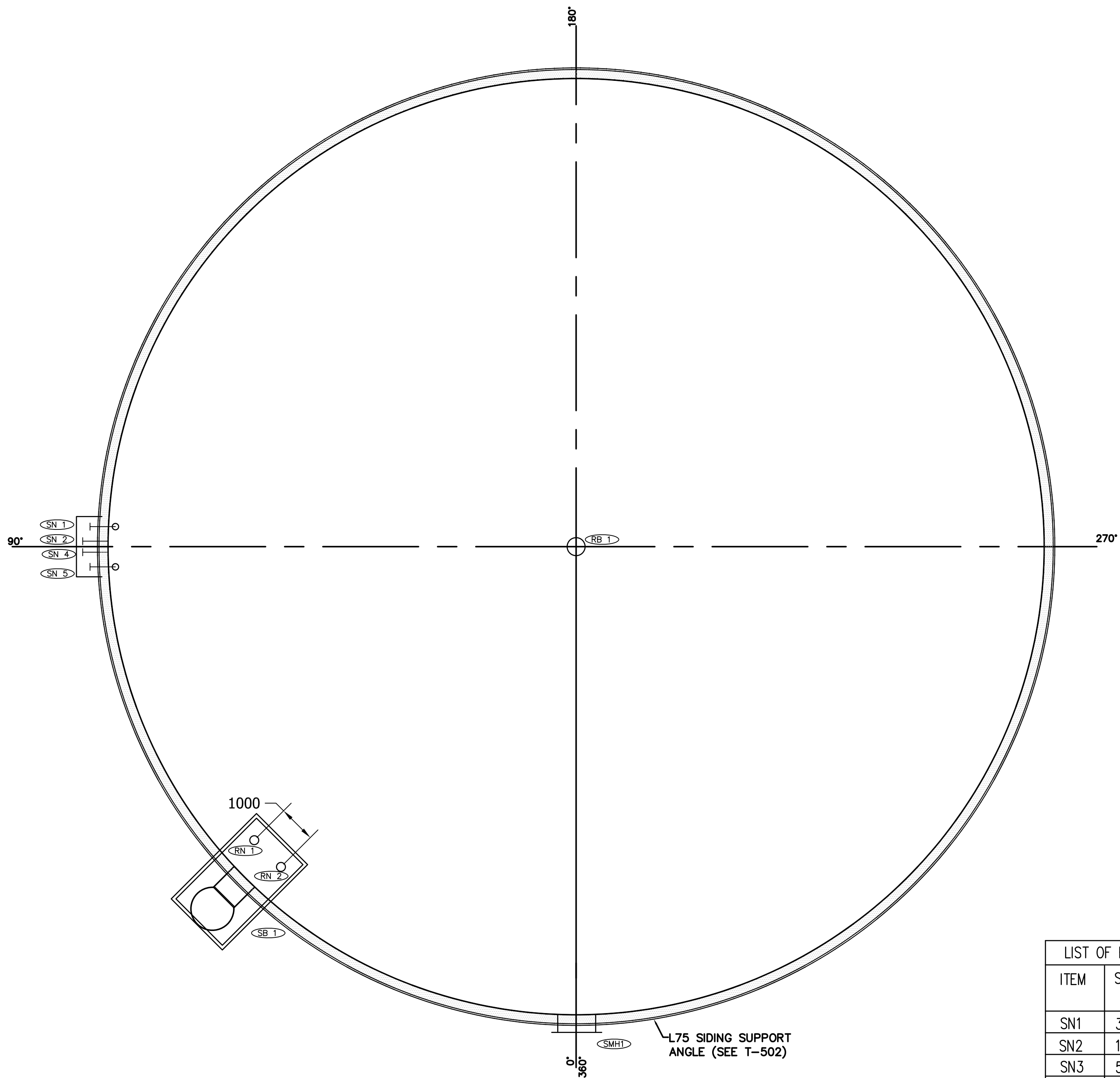
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Revision

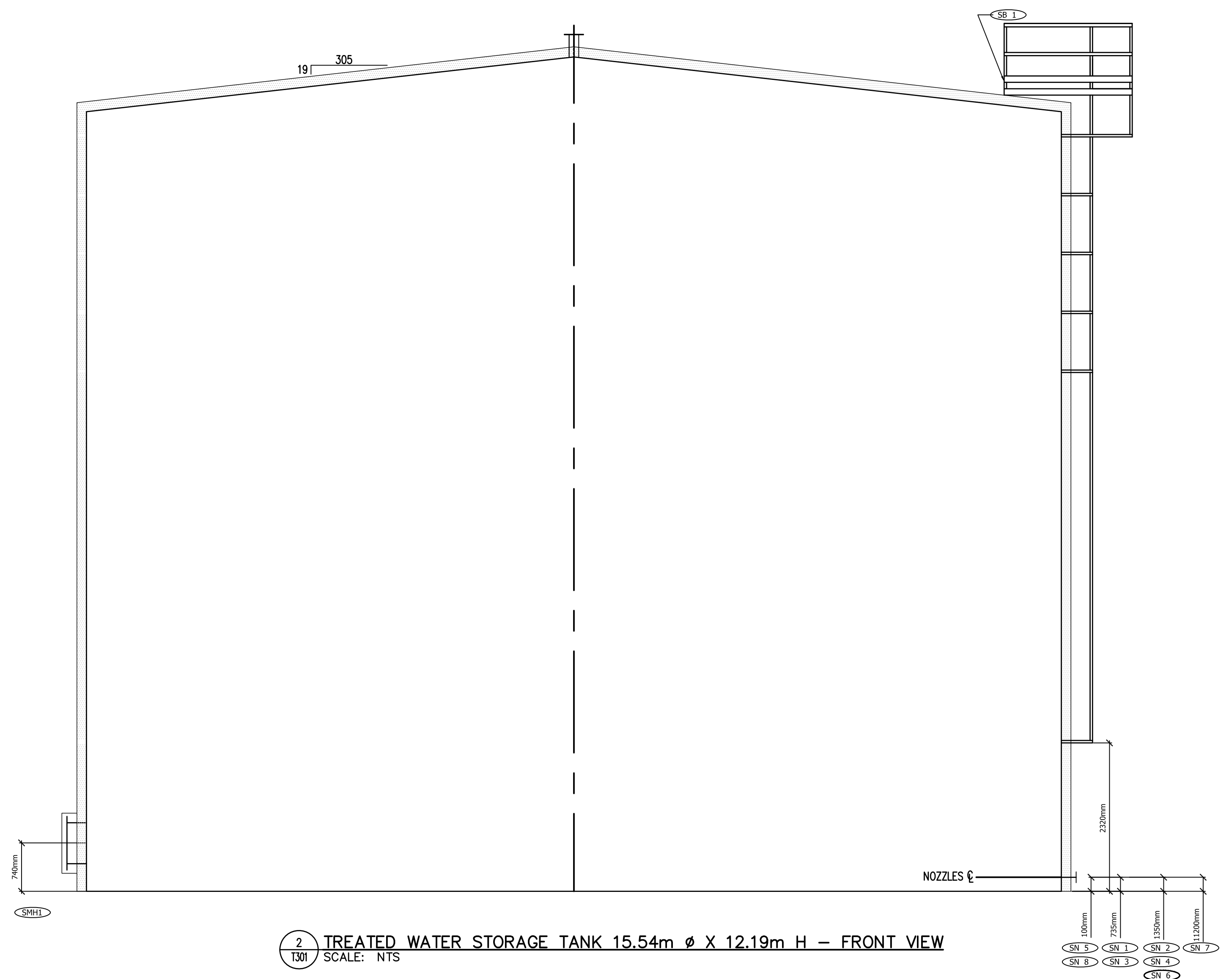
C502

of

0



1 TREATED WATER STORAGE TANK - 15.54m ϕ X 12.19m H - TOP VIEW
SCALE: NTS



2 TREATED WATER STORAGE TANK 15.54m ϕ X 12.19m H - FRONT VIEW
SCALE: NTS

LIST OF REQUIRED APPURTENANCES FOR NEW TREATED WATER STORAGE VERTICAL TANK					
ITEM	SIZE	ELEV. ABOVE BASE RING (TO CL)	DESCRIPTION	COMMENTS	ANGULAR LOCATION - CW DECIMAL DEGREES
SN1	300 ϕ	735	300mm ϕ SUPPLY LINE	SEE DETAIL DRAWING	90.00 +/-
SN2	150 ϕ	1485	150mm ϕ VENT LINE	SEE DETAIL DRAWING	90.00 +/-
SN3	50 ϕ	735	50mm ϕ TANK HEATING LINE	SEE DETAIL DRAWING	90.00 +/-
SN4	200 ϕ	1485	200mm ϕ OVERFLOW LINE	SEE DETAIL DRAWING	90.00 +/-
SN5	50 ϕ	300	50mm ϕ TANK DRAIN LINE	SEE DETAIL DRAWING	90.00 +/-
SN6	50 ϕ	1785	50mm TANK INTERMEDIATE LEVEL ACCESS PORT	SEE DETAIL DRAWING	90.00 +/-
SN7	50 ϕ	11200	50mm TANK HIGH LEVEL ACCESS PORT	SEE DETAIL DRAWING	90.00 +/-
SN8	50 ϕ	300	50mm TANK LOW LEVEL ACCESS PORT	SEE DETAIL DRAWING	90.00 +/-
SMH1	760 ϕ	740	COVER 960mm, NECK 760mm, FLANGE THICKNESS 11mm, COVER THICKNESS 14mm	SEE DETAIL DRAWING	0
SB1			ACCESS LADDER	SEE DETAIL DRAWING	45.00
LIST ROOF APPURTENANCES FOR NEW WATER STORAGE VERTICAL TANK					
ITEM	SIZE	HOR. LOCATION FROM	DESCRIPTION	COMMENTS	ANGULAR LOCATION - CW DECIMAL DEGREES
RB1	150 ϕ	MIDDLE OF TANK	CABLE SUPPORT POST	SEE DETAIL DRAWING	
RN1	150 ϕ	650	LEVEL GAUGE ACCESS PORT	SEE DETAIL DRAWING	45.00 +/-
RN2	150 ϕ	650	LEVEL GAUGE ACCESS PORT	SEE DETAIL DRAWING	45.00 +/-

3 ORIENTATION PLAN - NEW TREATED WATER STORAGE TANK
SCALE: NTS

Revision	By	Appd.	YY.MM.DD
0 INITIAL SUBMISSION	KC	WO	18.03.09
A ISSUED FOR TENDER	KC	WO	18.03.09
Issued	By	Appd.	YY.MM.DD

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PERMIT TO PRACTICE
STANTEC ARCHITECTURE LTD.

Signature *W. J. Orr*
Date *March 8, 2018*

PERMIT NUMBER: P 800
NT/NU Association of Professional
Engineers and Geoscientists



Client/Project

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TOWN OF INUVIK, NT
NEW WATER STORAGE RESERVOIR
Inuvik, Northwest Territories/Canada

File Name: 110126057_T301_T502_RECOVER.DWG

LM WO 18.03.09
Dwn. Chkd. Dign. YY.MM.DD

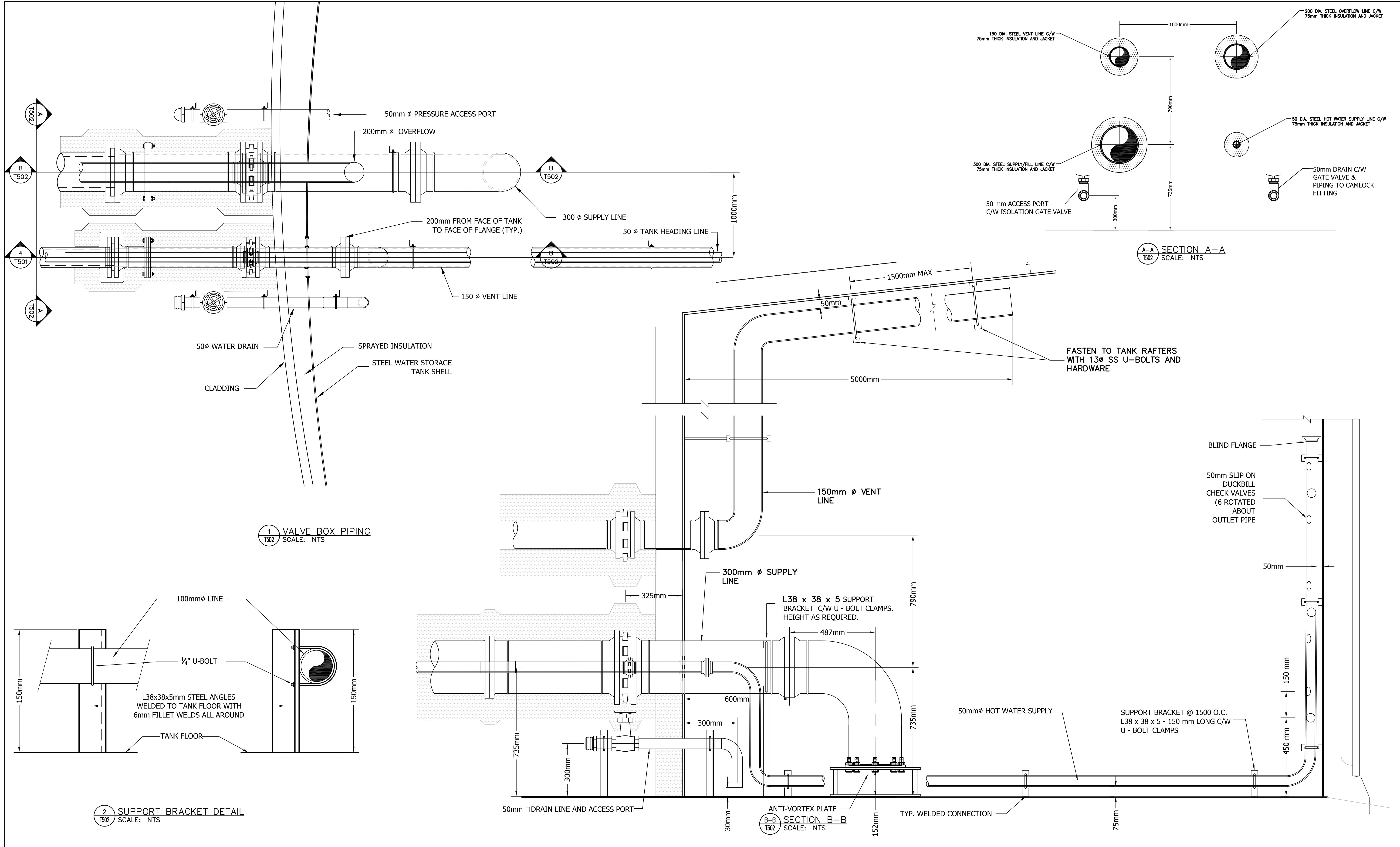
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TOP AND SIDE VIEW OF WATER TANK

Project No. 110126057
Drawing No. T301

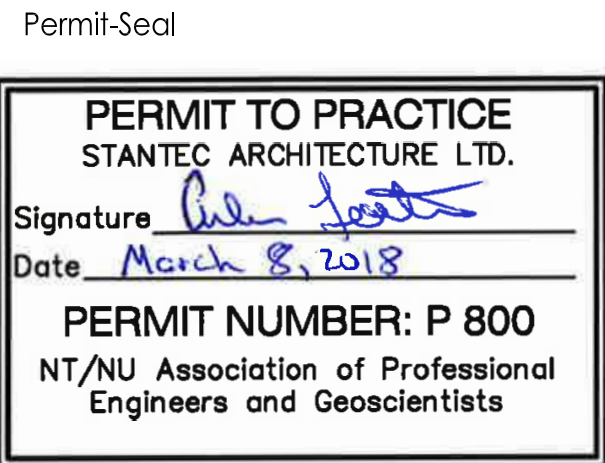
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Sheet of 0

Revision



0	INITIAL SUBMISSION	KC	WO	18.03.09
Revision		By	Appd.	YY.MM.DD
A	ISSUED FOR TENDER	KC	WO	18.03.09
Issued		By	Appd.	YY.MM.DD

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TOWN OF INUVIK, NT
NEW WATER STORAGE RESERVOIR
Inuvik, Northwest Territories/Canada

Title
WATER TANK DETAILS
SHEET 2 OF 2

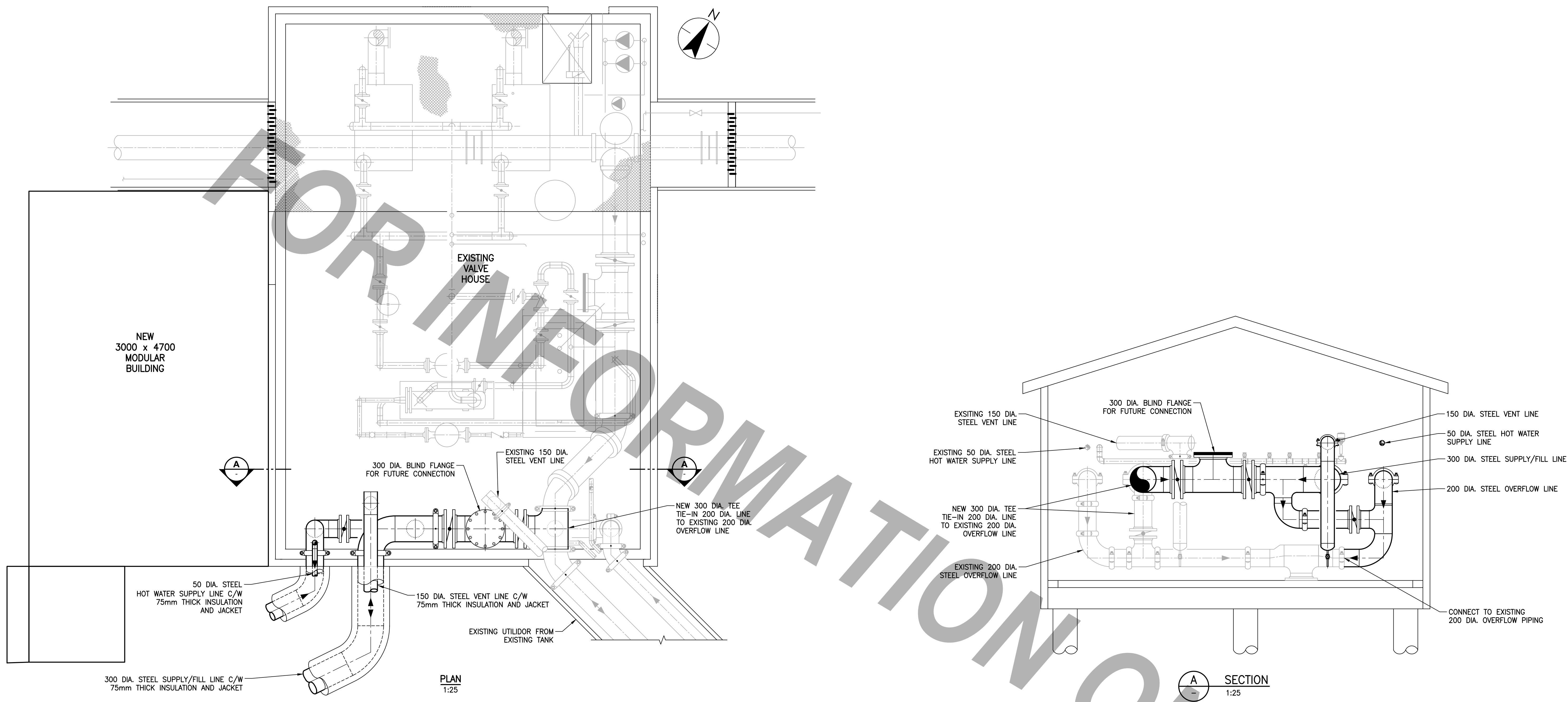
Project No.
110126057

Drawing No.
T502

Scale
AS SHOWN

Sheet
of

Revision
0



Revision	By	Appd.	YY.MM.DD
A PRELIMINARY DESIGN	S.K.	K.R.J.	18.02.23
Issued	By	Appd.	YY.MM.DD

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Client/Project	B.W.B.	S.K.	S.K.	18.01.08
	Dwn.	Chkd.	Dsgn.	YY.MM.DD
TOWN OF INUVIK, NT NEW WATER STORAGE RESERVOIR Inuvik, Northwest Territories/Canada				
File Name: P201.DWG				

Title	Scale	0	250	750	1250mm
PROCESS VALVE HOUSE PIPING MODIFICATIONS	1:25				
Project No. 110126057	Sheet	Revision			
Drawing No.					
P201	of	0			

