
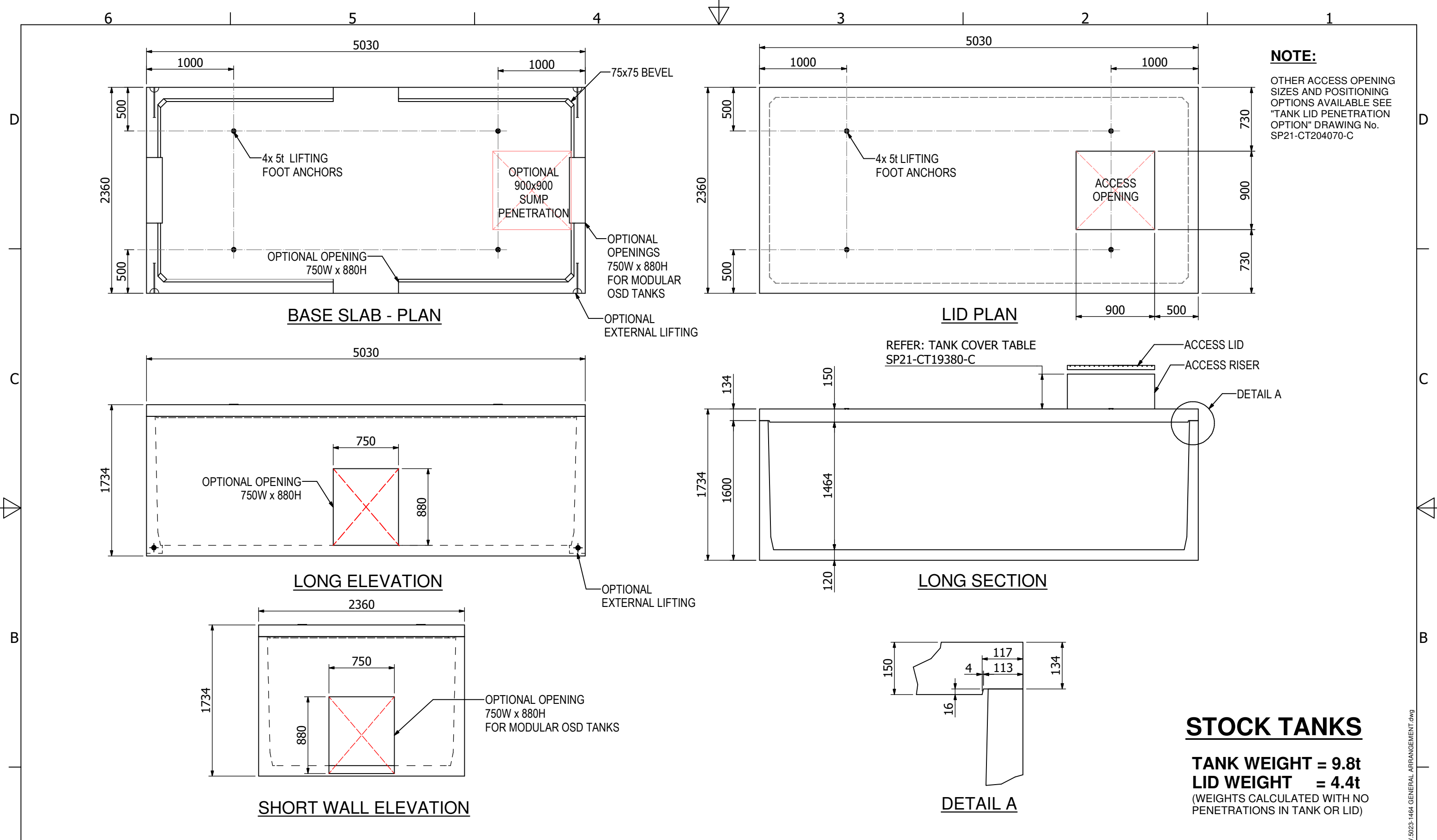


SV.5023-1464 - 3D VIEW

DRAWING INDEX	
DRAWING No.	DRAWING TITLE
SP21-CT19370-C	COVER SHEET AND DRAWING INDEX
SP21-CT19380-C	GENERAL NOTES
SP21-CT19390-C	GENERAL ARRANGEMENT
SP21-CT19400-C	PERMISSIBLE PENETRATIONS. SHEETS 1,2 & 3
SP21-CT24070-C	TANK LID PENETRATION OPTIONS
SP21-CT48180-C	GENERAL LIFTING ARRANGEMENT


<table><tr><td>1</td><td>04/21</td><td>G.T</td><td>INITIAL RELEASE</td><td></td></tr><tr><td>2</td><td>10/21</td><td>G.T</td><td>GENERAL AMENDMENTS</td><td></td></tr><tr><td>REV</td><td>DATE</td><td>BY</td><td>DESCRIPTION</td><td>CHK</td></tr></table>	1	04/21	G.T	INITIAL RELEASE		2	10/21	G.T	GENERAL AMENDMENTS		REV	DATE	BY	DESCRIPTION	CHK	CLIENT:	<p>CONFIDENTIAL - The drawings must not be disclosed to any third parties without written permission from SPEL STORMWATER . Unauthorised disclosure may result in prosecution. © SPEL STORMWATER - This drawing is the property of SPEL STORMWATER ABN: 83 151 832 629 and is subject to return on demand. It is submitted for the use only in connection with the proposal and contracts of SPEL STORMWATER with the expressed conditions that it is not to be reproduced or copied in any form. This data must only be used in accordance with our standard terms and conditions. © Copyright SPEL STORMWATER accepts no responsibility for any loss or damage resulting from any person acting on this information. The details and dimensions contained in this document may change, please check with SPEL STORMWATER for confirmation of current specifications.</p>	Drawn	Date	<div> spelstormwater joy in water spel.com.au</div>	PROJECT :			
1	04/21	G.T	INITIAL RELEASE																					
2	10/21	G.T	GENERAL AMENDMENTS																					
REV	DATE	BY	DESCRIPTION	CHK																				
Check	Date																							
Verified	Date																							
Approved	Date																							
			Request No.			TITLE COVER SHEET AND DRAWING INDEX 14.88 kL SPEL PRECAST CONCRETE TANK SV.5023-1464																		
						SCALE N.T.S	SIZE A3	SHEET 1	REV 2															
						CUSTOMER CODE : DWG No. SP21-CT19370-C																		

SV.5023-1464 COVER PAGE.dwg



STOCK TANKS

TANK WEIGHT = 9.8t
LID WEIGHT = 4.4t
(WEIGHTS CALCULATED WITH NO PENETRATIONS IN TANK OR LID)

A					CLIENT:	CONFIDENTIAL - The drawings must not be disclosed to any third parties without written permission from SPEL STORMWATER . Unauthorised disclosure may result in prosecution. © SPEL STORMWATER - This drawing is the property of SPEL STORMWATER ABN: 83 151 832 629 and is subject to return on demand. It is submitted for the use only in connection with the proposal and contracts of SPEL STORMWATER with the expressed conditions that it is not to be reproduced or copied in any form. This data must only be used in accordance with our standard terms and conditions. © Copyright SPEL STORMWATER accepts no responsibility for any loss or damage resulting from any person acting on this information. The details and dimensions contained in this document may change, please check with SPEL STORMWATER for confirmation of current specifications.	Drawn GT	Date 8/04/2021	 spelstormwater joy in water spel.com.au	PROJECT :																			
							TITLE GENERAL ARRANGEMENT 14.88 kL SPEL PRECAST CONCRETE TANK SV.5023-1464				A																		
	1	05/21	G.T	INITIAL RELEASE				SCALE N.T.S		SIZE A3		SHEET 1	REV 2																
	2	10/21	GT	GENERAL AMENDMENTS				CUSTOMER CODE : DWG No. SP21-CT19390-C																					
	REV	DATE	BY	DESCRIPTION			CHK																						
6					5					4					3					2					1				

STOCK TANKS

PLEASE NOTE:

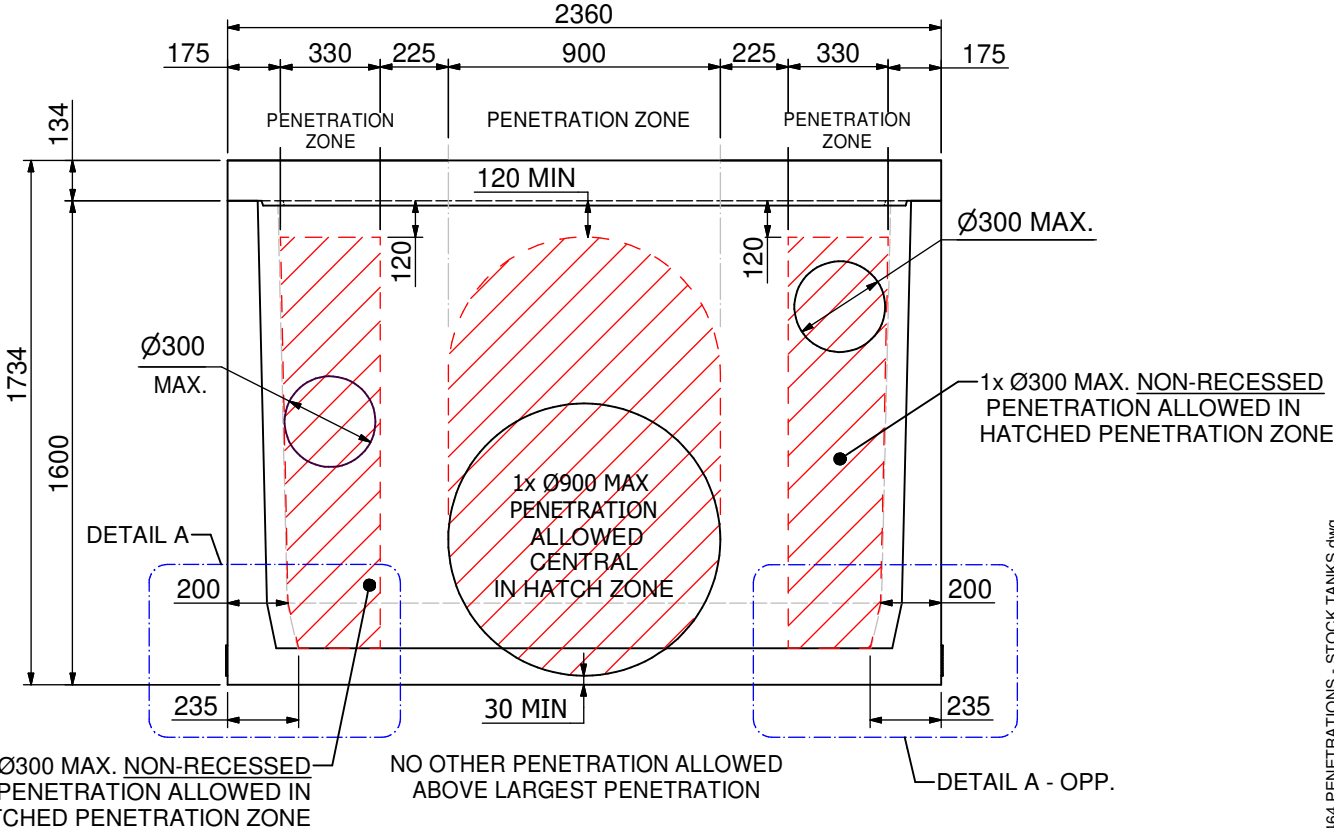
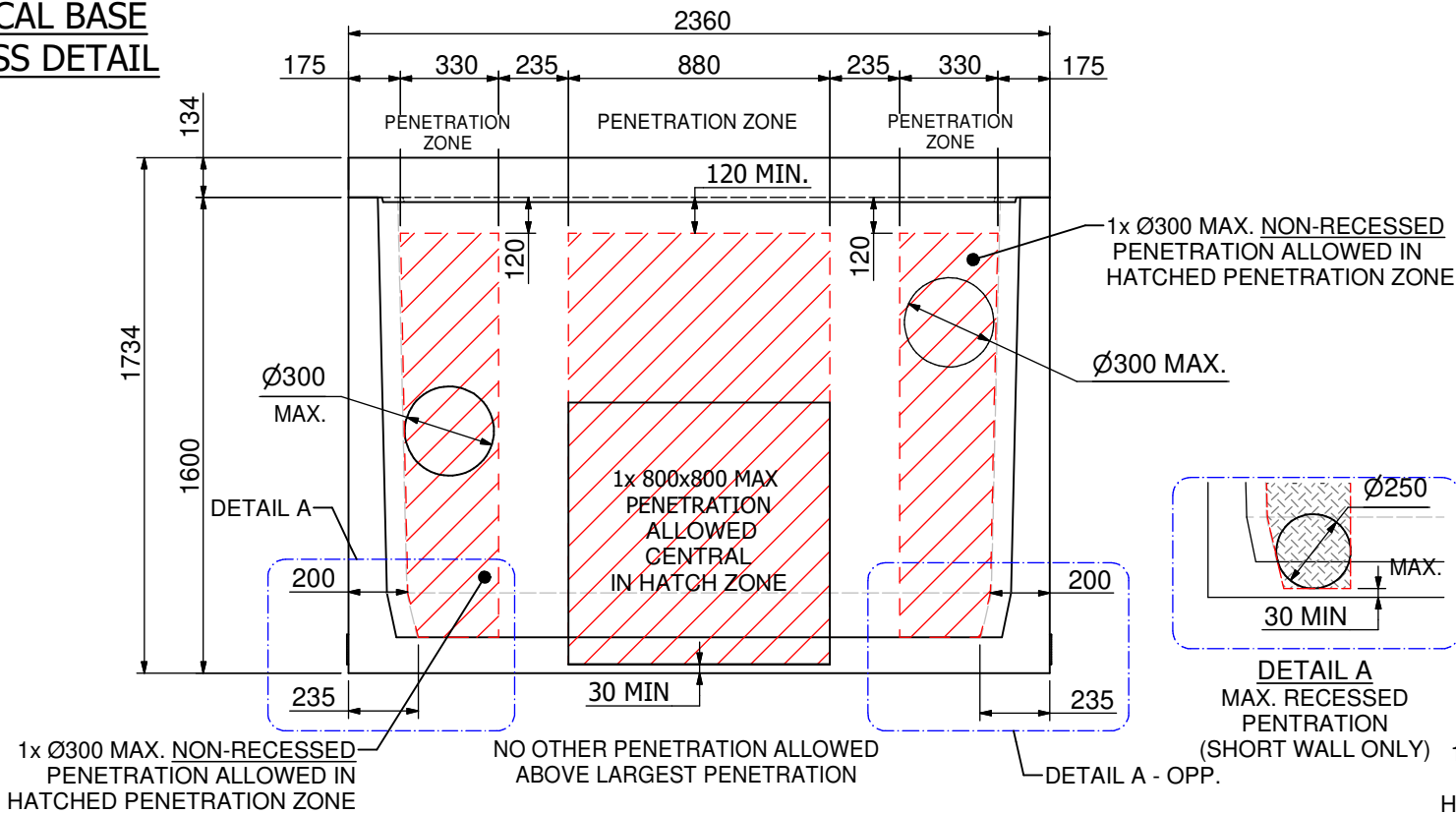
THESE GUIDELINES ARE FOR A STOCK TANK WITH STANDARD REINFORCEMENT.

IF REQUIRED PENETRATIONS ARE OUTSIDE OF THE GUIDELINES SHOWN, CONTACT SPEL WHO WILL SEEK FURTHER ENGINEERING ADVICE.

CUSTOM TANKS CAN PROVIDE PENETRATIONS OUTSIDE THESE GUIDELINES REFER.
"PERMISSIBLE PENETRATIONS - CUSTOM TANKS"
ON DRAWINGS SP21-CT19400 - C SHEET 2 & 3
FOR A GUIDE PRIOR TO TANK PRODUCTION.

LONG WALL - SINGLE LARGEST PERMISSIBLE PENETRATION

TYPICAL BASE RECESS DETAIL



SHORT WALL - 880x880 MAX. PENETRATION

SHORT WALL - Ø 900 MAX PENETRATION

1	07/21	G.T	INITIAL RELEASE	
2	10/21	GT	DRAWING SET EXPANDED	
REV	DATE	BY	DESCRIPTION	CHK

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Drawn	Date
GT	7/04/2021
Check	Date
Verified	Date
Approved	Date
Request No.	



PROJECT :			
TITLE PERMISSIBLE PENETRATIONS 14.88 KL SPEL PRECAST CONCRETE TANK SV.5023-1464 STOCK TANKS			
SCALE	SIZE	SHEET	REV
N.T.S	A3	1	2
CUSTOMER CODE :		DWG No. SP21-CT19400-C	

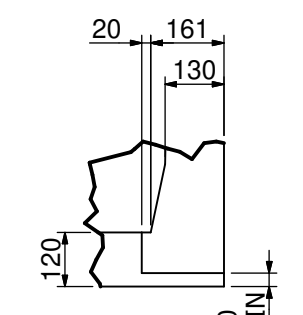
CUSTOM TANKS

IMPORTANT NOTE:

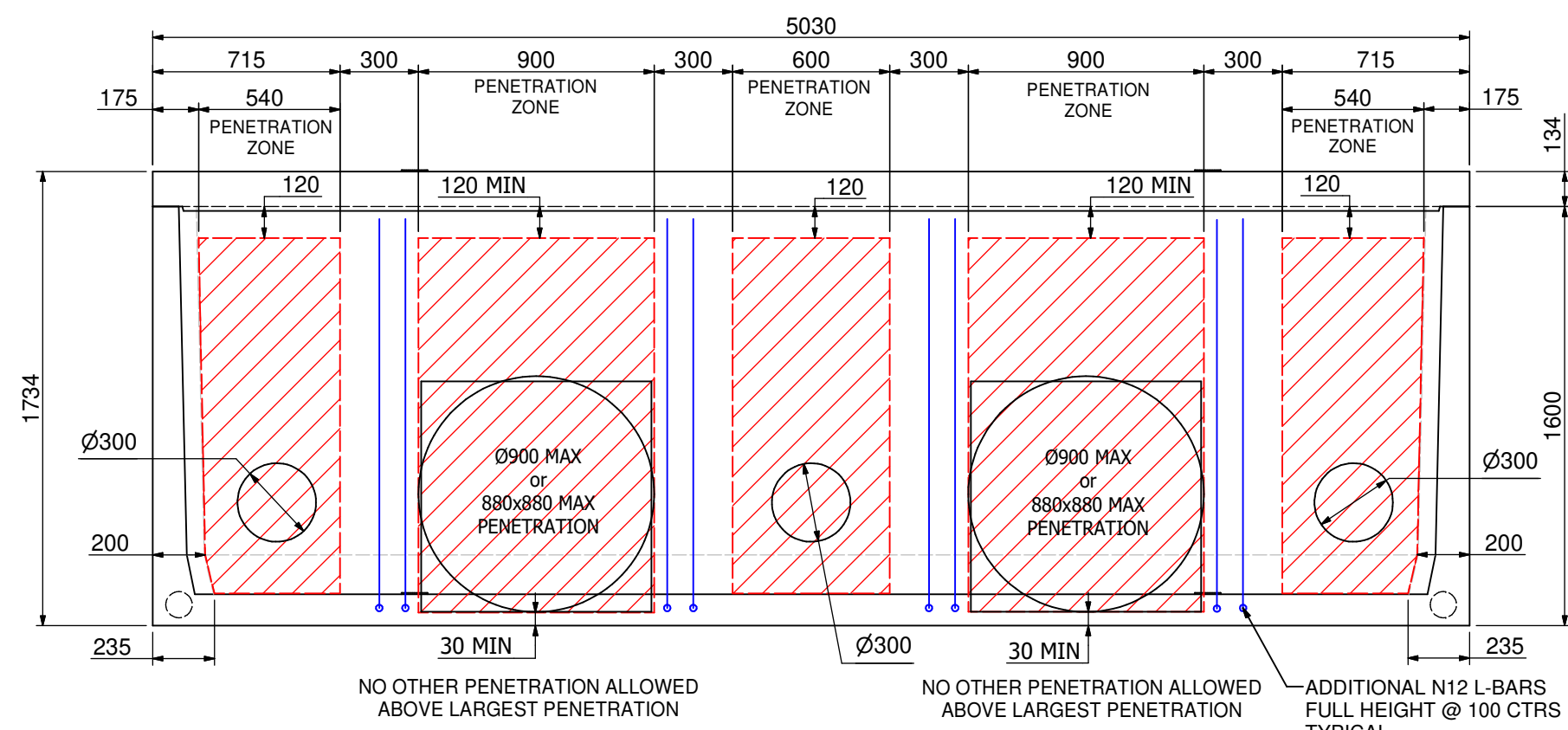
THESE PENETRATIONS CANNOT BE PERFORMED TO A STANDARD TANK.

THEY ARE REQUIRED TO BE ARRANGED WITH SPEL, PRIOR TO POURING THE TANK SO ADDITIONAL REINFORCEMENT CAN BE INCLUDED.

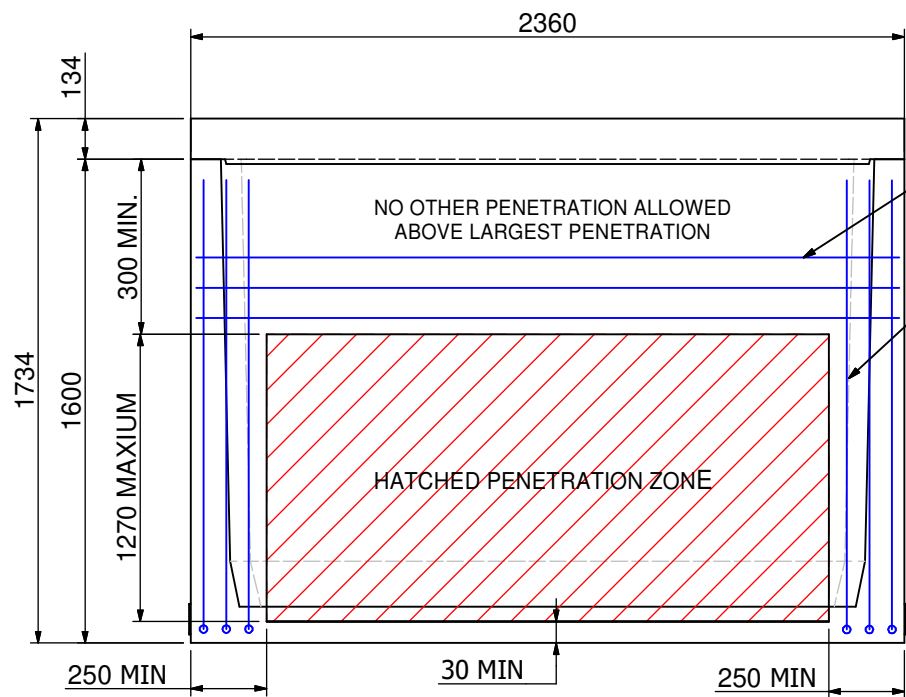
FOR STANDARD PERMISSIBLE PENETRATION REFER DRAWING SP21-CT19400-C SHEET 1 FOR ADDITIONAL PENETRATION COMBINATIONS CONTACT SPEL FOR DESIGN / ENGINEERING ASSISTANCE.



TYPICAL BASE RECESS DETAIL



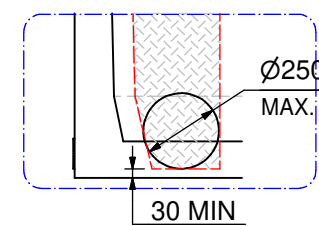
LONG WALL - 2x LARGEST PERMISSIBLE PENETRATIONS



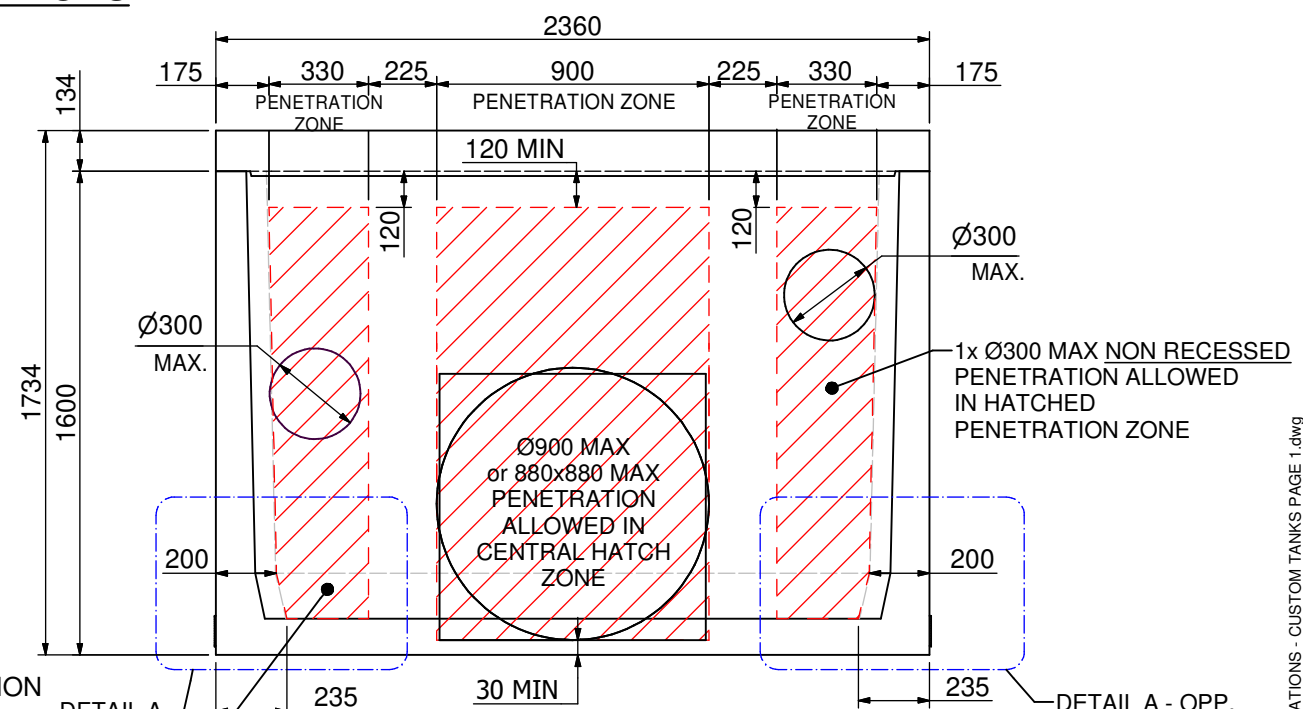
SHORT WALL - MAX. CUSTOM PENETRATION

ADDITIONAL 3x N16 BARS FULL WIDTH @ 100 CTRS

ADDITIONAL 3x N16 L-BARS FULL HEIGHT @ 100 CTRS EACH SIDE



DETAIL A
MAX. RECESSED PENETRATION (SHORT WALL ONLY)



SHORT WALL - Ø 900 MAX PENETRATION

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GT	7/04/2021
Check	Date
Verified	Date
Approved	Date
Request No.	



PROJECT :			
TITLE PERMISSIBLE PENETRATIONS 14.88 kL SPEL PRECAST CONCRETE TANK SV.5023-1464- CUSTOM TANKS			
SCALE N.T.S	SIZE A3	SHEET 2	REV 1
CUSTOMER CODE : DWG No.		SP21-CT19400-C	

1	10/11/2020	G.T	INITIAL RELEASE	
REV	DATE	BY	DESCRIPTION	CHK

SV.5023-1464 PENETRATIONS - CUSTOM TANKS PAGE 1.dwg

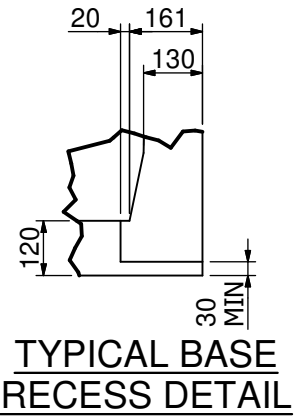
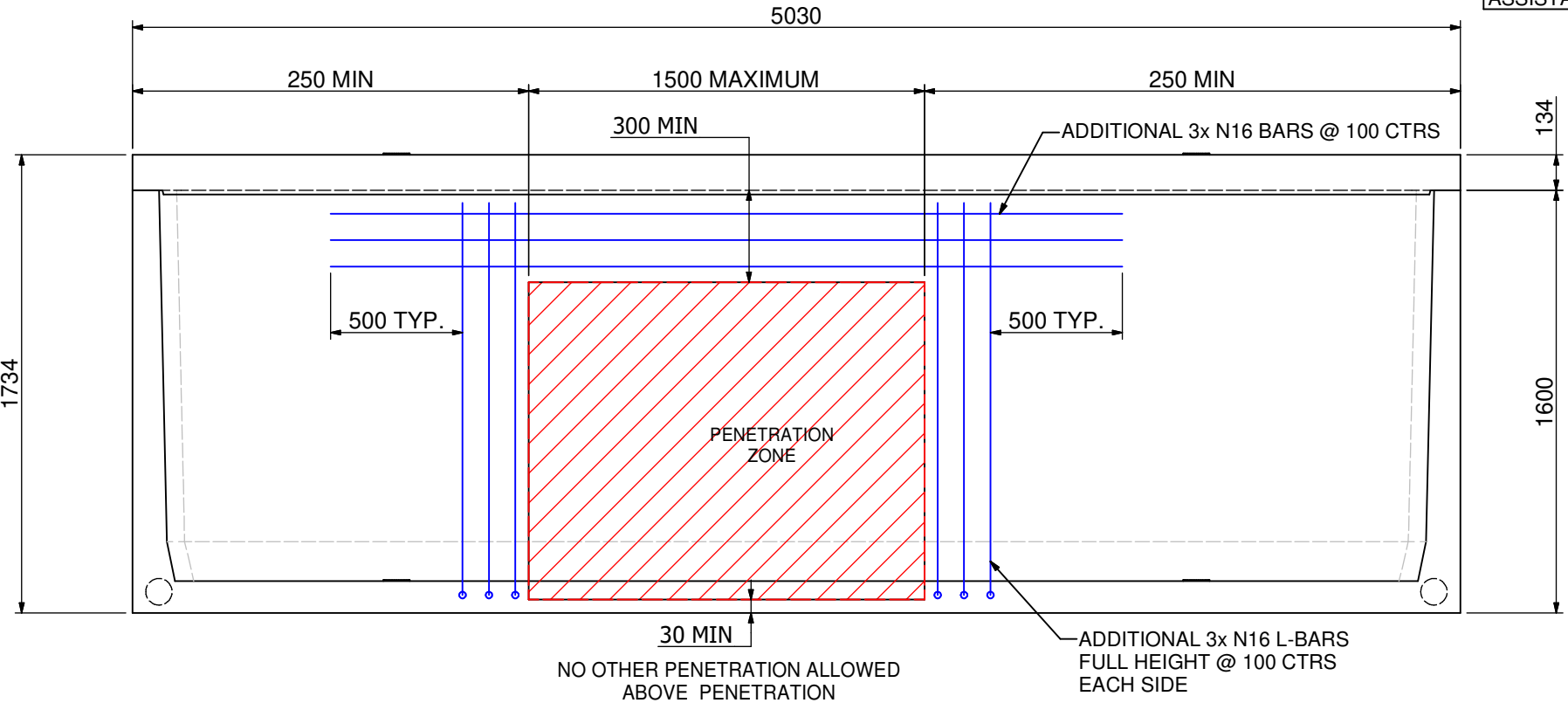
CUSTOM TANKS

IMPORTANT NOTE:

THESE PENETRATIONS CANNOT BE PERFORMED TO A STANDARD TANK.

THEY ARE REQUIRED TO BE ARRANGED WITH SPEL, PRIOR TO POURING THE TANK SO ADDITIONAL REINFORCEMENT CAN BE INCLUDED.

FOR STANDARD PERMISSIBLE PENETRATION REFER DRAWING SP21-CT19400-C SHEET 1 FOR ADDITIONAL PENETRATION COMBINATIONS CONTACT SPEL FOR DESIGN / ENGINEERING ASSISTANCE.



LONG WALL - MAXIMUM SINGLE PENETRATION

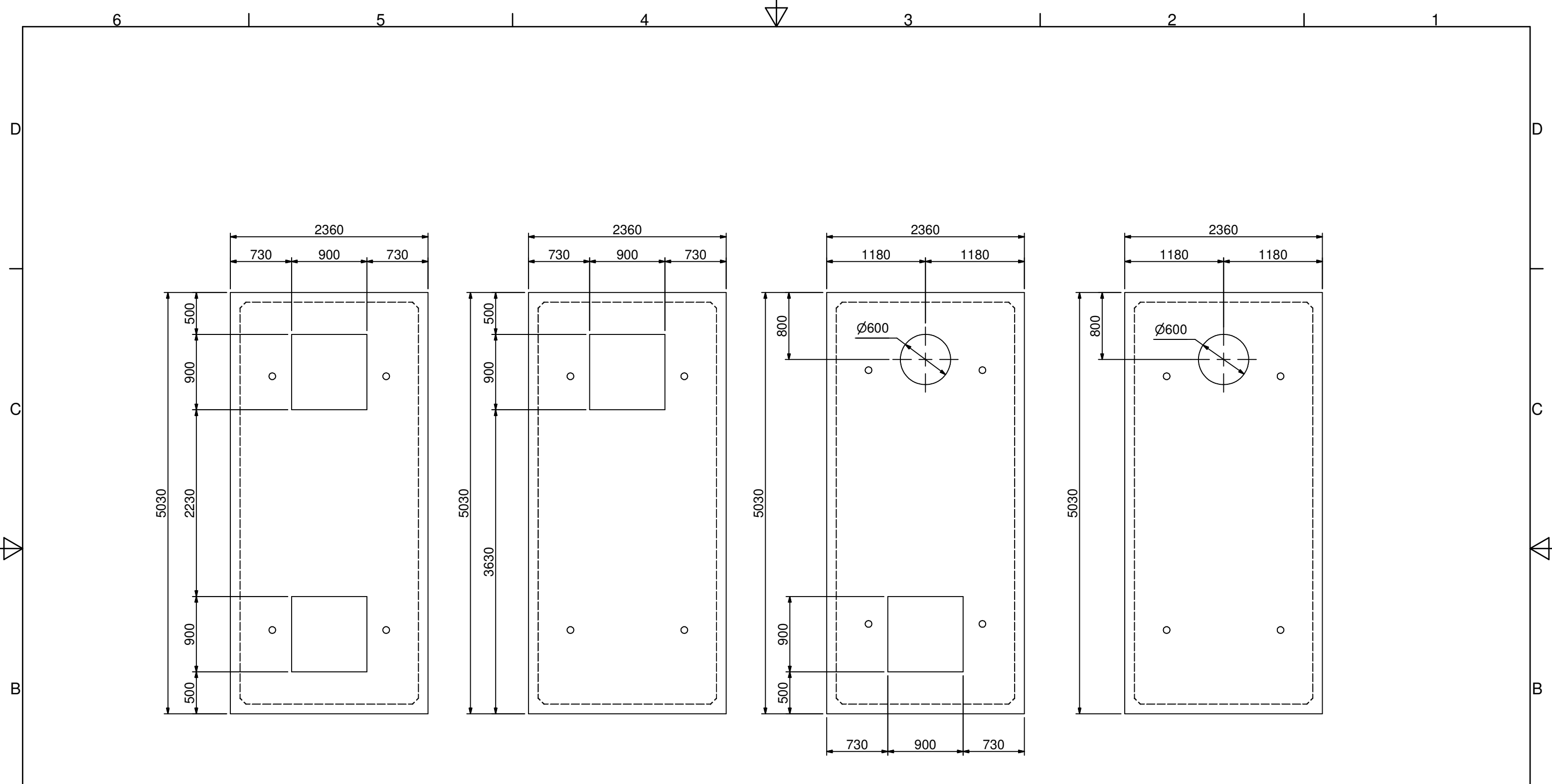
1					INITIAL RELEASE				
10/11/2020					G.T				
BY					CHK				
DATE					DESCRIPTION				

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GT	7/04/2021
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Verified	Date
Approved	Date
Request No.	

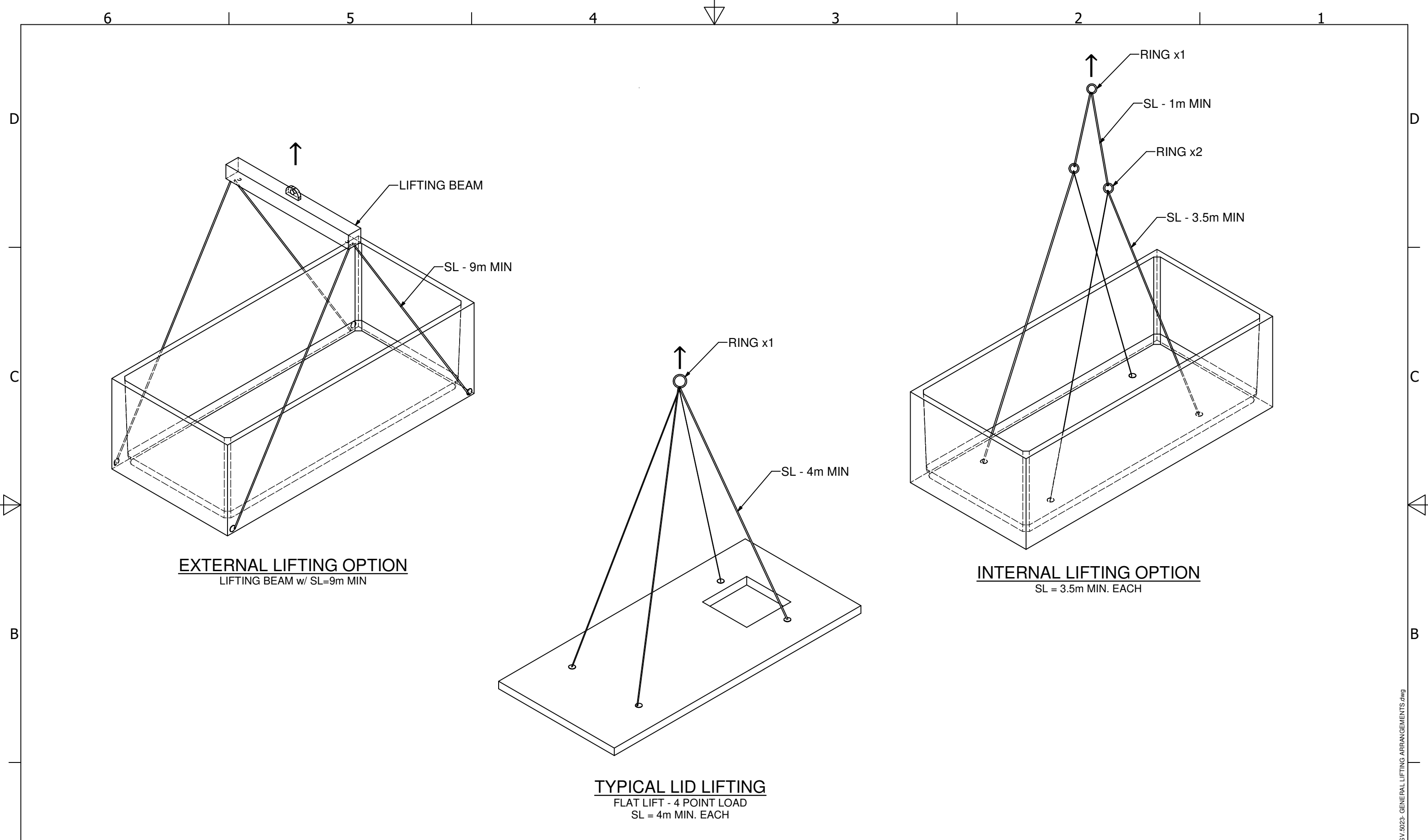




PROJECT :			
TITLE			
PERMISSIBLE PENETRATIONS			
14.88 kL SPEL PRECAST CONCRETE TANK			
SV.5023-1464- CUSTOM TANK			
SCALE	SIZE	SHEET	REV
N.T.S	A3	3	1
CUSTOMER CODE :		DWG No.	
		SP21-CT19400-C	



STANDARD LID FORMATIONS
FOR ADDITIONAL ACCESS OPENING AND POSITIONING OPTIONS
CONTACT SPEL

<div>1</div> <div>08/04/21</div> <div>G.T</div> <div>INITIAL RELEASE</div> <div>REV</div> <div>DATE</div> <div>BY</div> <div>DESCRIPTION</div> <div>CHK</div>					CLIENT:	<p>CONFIDENTIAL - The drawings must not be disclosed to any third parties without written permission from SPEL STORMWATER . Unauthorised disclosure may result in prosecution. © SPEL STORMWATER - This drawing is the property of SPEL STORMWATER ABN: 83 151 832 629 and is subject to return on demand. It is submitted for the use only in connection with the proposal and contracts of SPEL STORMWATER with the expressed conditions that it is not to be reproduced or copied in any form. This data must only be used in accordance with our standard terms and conditions. © Copyright SPEL STORMWATER accepts no responsibility for any loss or damage resulting from any person acting on this information. The details and dimensions contained in this document may change, please check with SPEL STORMWATER for confirmation of current specifications.</p>	Drawn	Date	<div> spelstormwater joy in water spel.com.au</div>	PROJECT :			
							G.T	9/04/2021		TITLE			
Check	Date	TANK LID PENETRATION OPTIONS SPEL PRECAST CONCRETE TANK SV.5023											
Verified	Date	SCALE											
Approved	Date	SIZE											
Request No.			SHEET				REV						
			CUSTOMER CODE :		DWG No.		SP21-CT24070-C						



<div>11/21</div> <div>GT</div> <div>INITIAL ISSUE</div>					CLIENT:	<p>CONFIDENTIAL - The drawings must not be disclosed to any third parties without written permission from SPEL STORMWATER . Unauthorised disclosure may result in prosecution. © SPEL STORMWATER - This drawing is the property of SPEL STORMWATER ABN: 83 151 832 629 and is subject to return on demand. It is submitted for the use only in connection with the proposal and contracts of SPEL STORMWATER with the expressed conditions that it is not to be reproduced or copied in any form. This data must only be used in accordance with our standard terms and conditions. © Copyright SPEL STORMWATER accepts no responsibility for any loss or damage resulting from any person acting on this information. The details and dimensions contained in this document may change, please check with SPEL STORMWATER for confirmation of current specifications.</p>	Drawn	Date	<div> spelstormwater joy in water spel.com.au</div>	PROJECT :			
							GT	9/11/2021		TITLE GENERAL LIFTING ARRANGEMENT SPEL PRECAST CONCRETE TANK SV.5023			
Check	Date	SCALE N.T.S	SIZE A3	SHEET 1	REV 1								
Verified	Date	CUSTOMER CODE : DWG No. SP21-CT48180-C											
Approved	Date												
Request No.													
1	11/21	GT	INITIAL ISSUE		CLIENT:	<p>CONFIDENTIAL - The drawings must not be disclosed to any third parties without written permission from SPEL STORMWATER . Unauthorised disclosure may result in prosecution. © SPEL STORMWATER - This drawing is the property of SPEL STORMWATER ABN: 83 151 832 629 and is subject to return on demand. It is submitted for the use only in connection with the proposal and contracts of SPEL STORMWATER with the expressed conditions that it is not to be reproduced or copied in any form. This data must only be used in accordance with our standard terms and conditions. © Copyright SPEL STORMWATER accepts no responsibility for any loss or damage resulting from any person acting on this information. The details and dimensions contained in this document may change, please check with SPEL STORMWATER for confirmation of current specifications.</p>	<div> spelstormwater joy in water spel.com.au</div>			PROJECT : TITLE GENERAL LIFTING ARRANGEMENT SPEL PRECAST CONCRETE TANK SV.5023 SCALE N.T.S SIZE A3 SHEET 1 REV 1 CUSTOMER CODE : DWG No. SP21-CT48180-C			
REV	DATE	BY	DESCRIPTION	CHK									