

- IMPORTANT NOTES:
1. KEEP IN MIND THAT THE EXISTING CONCRETE SLAB SLOP DOWN IN AN EASTERN DIRECTION TO THE BUILDING.
 2. THE SLOPE CAN BE DETERMENT AND DRAWING MEASUREMENTS CAN BE ADOPTED WITH THE MEASUREMENT IF NEEDED.

DETAIL B
1:625



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REV	DESCRIPTION
0.1	ISSUED COMMENT & APPROVAL
0.2	ISSUED COMMENT & APPROVAL
1.0	ISSUED FOR CONSTRUCTION

CHK'D	DATE
JMK.	20/25/05/01
JMK.	2025/07/28
JMK.	2025/07/29

CLIENT ACCEPTANCE APPROVAL OF DRAWING			
DISCIPLINE	NAME	SIGNED	DATE
FACILITY OWNER :			
LICENSING :			
ELECTRICAL ENGINEER			
CIVIL ENGINEER :			
PROJECT LEADER :			

APPROVED BY
PROFESSIONAL
ENGINEER

Pieter-Ben van Aswegen
Pr. Eng 20020227, M Eng (Structural)

2025-07-29

DATE

ORIGINAL SCALE:
AS SHOWN
ON VIEW

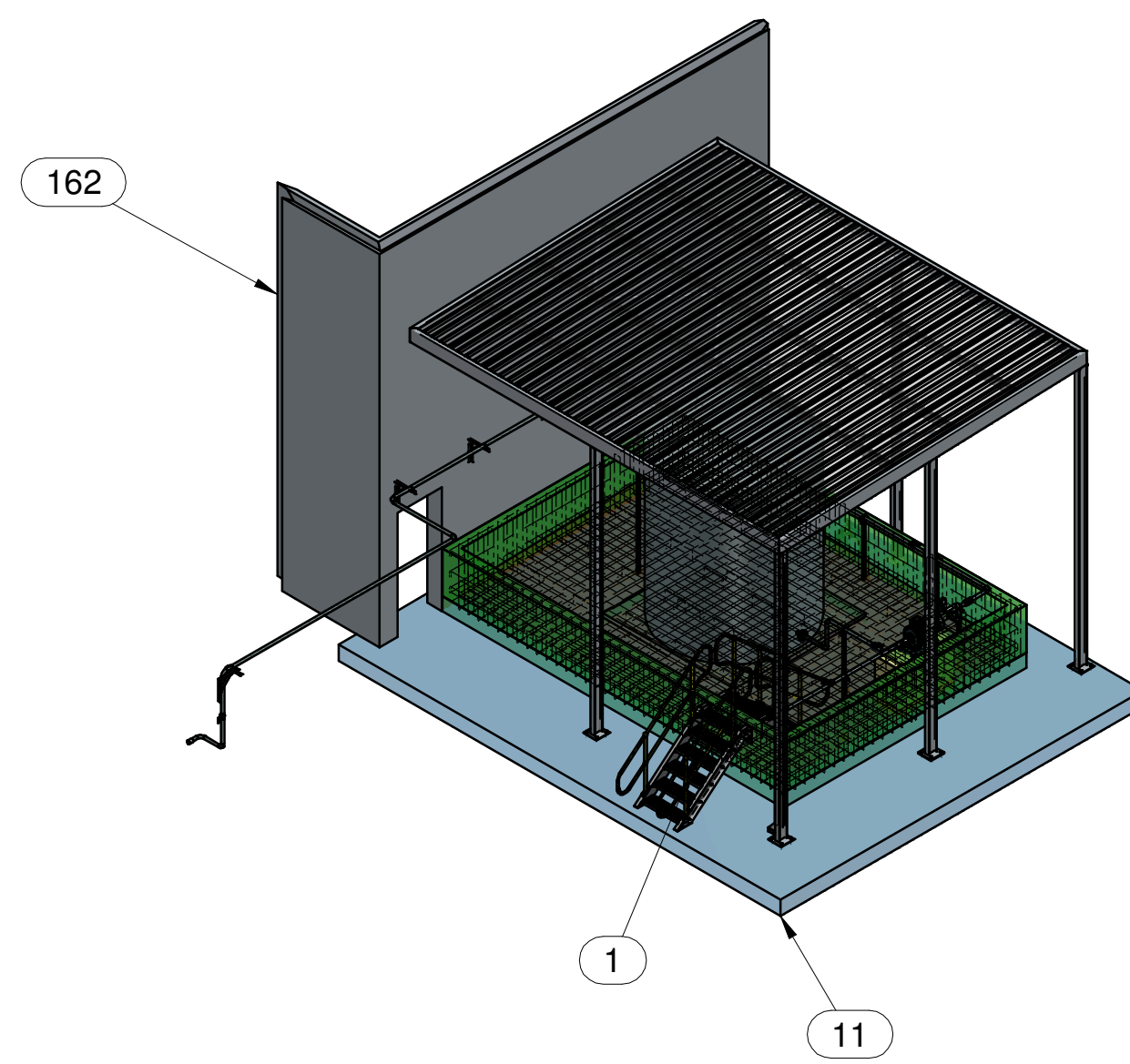
DRAWN JanK
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PROJECT:
BUILDING V26
EMERGENCY COOLING
WATER CARPORT

Area_26a_jk		
Item Number	Description	Quantity
1	Existing Area 26 Building	1
2	New Carport	1


LAST UPDATE 2025/07/29	<div>A1</div> <div><div>SOLID EDGE</div><div>1.0</div><div>REVISION</div></div>
DATE CREATED 2025/07/28	
DRG. NO: NNDD-V-26-C-CARPOR-0001_R1 SHT 1 OF 6	



GENERAL NOTES:

1. ALL MATERIAL IS COMMERCIAL QUALITY STEEL S355JR.
2. THE FRAMEWORK IS GENERALLY ON SITE WELDED CONTINUOUS WITH 6MM FILLET WELD DONE BY EXPERIENCE WELDER.
3. STANDARD OF THE MARKET HAND RAILINGS TO BE USED.
4. PAINT AND TOUCH-UP TO SPECIFICATION BS 1414/ R. FINAL COLOUR "GOLDEN YELLOW" NO. B45. ORANGE B26. DARK GREY N 0.10 OR PWR BROWN DEPENDING ON LOCATION.
5. ALL CALCULATIONS WERE DONE ACCORDING LOADING CODE SANS 10160-1:2011
6. STRUCTURAL STEEL CODES SANS 10162-1:2011 AND SANS 10160-2:2011 PREPARATION OF GROUND WORKING SURFACE: REMOVE THE NECESSARY EARTH (GROUND) TO PROVIDE OPENING TO TAKE NEW CONCRETE WORK. REMOVE LOOSE STONES, SCRAFFY AND COMPACT TO 95% MOD AASH TO. IF NECESSARY FILL UP WITH SELECTED FILL MATERIAL IN LAYERS OF NOT MORE THAN 150MM, COMPACTING EACH LAYER TO 95% MOD AASH TO. THE SOIL AND FILL MATERIAL SHOULD HAVE THE IDEAL MOISTURE CONTENT.
7. CURING CONCRETE FOR 7 DAYS, STRENGTH TO BE 25MPA AT 28 DAYS.
8. PROVIDE EXPOSED CONCRETE SURFACES WITH A WOOD FLOAT FINISH.
9. ALL EXPOSED CONCRETE EDGES ARE TO BE CHAMFERED 25 X 25MM.
10. PROVIDE NO. 395 MESH 25MM FROM SIDES OF CONCRETE.
11. PROVIDE 50MM BLINDING BELOW ALL NEW PLINTHS.
12. FIX STEEL FRAME BASE PLATES TO PLINTHS WITH M16 CHEMICAL ANCHORS.



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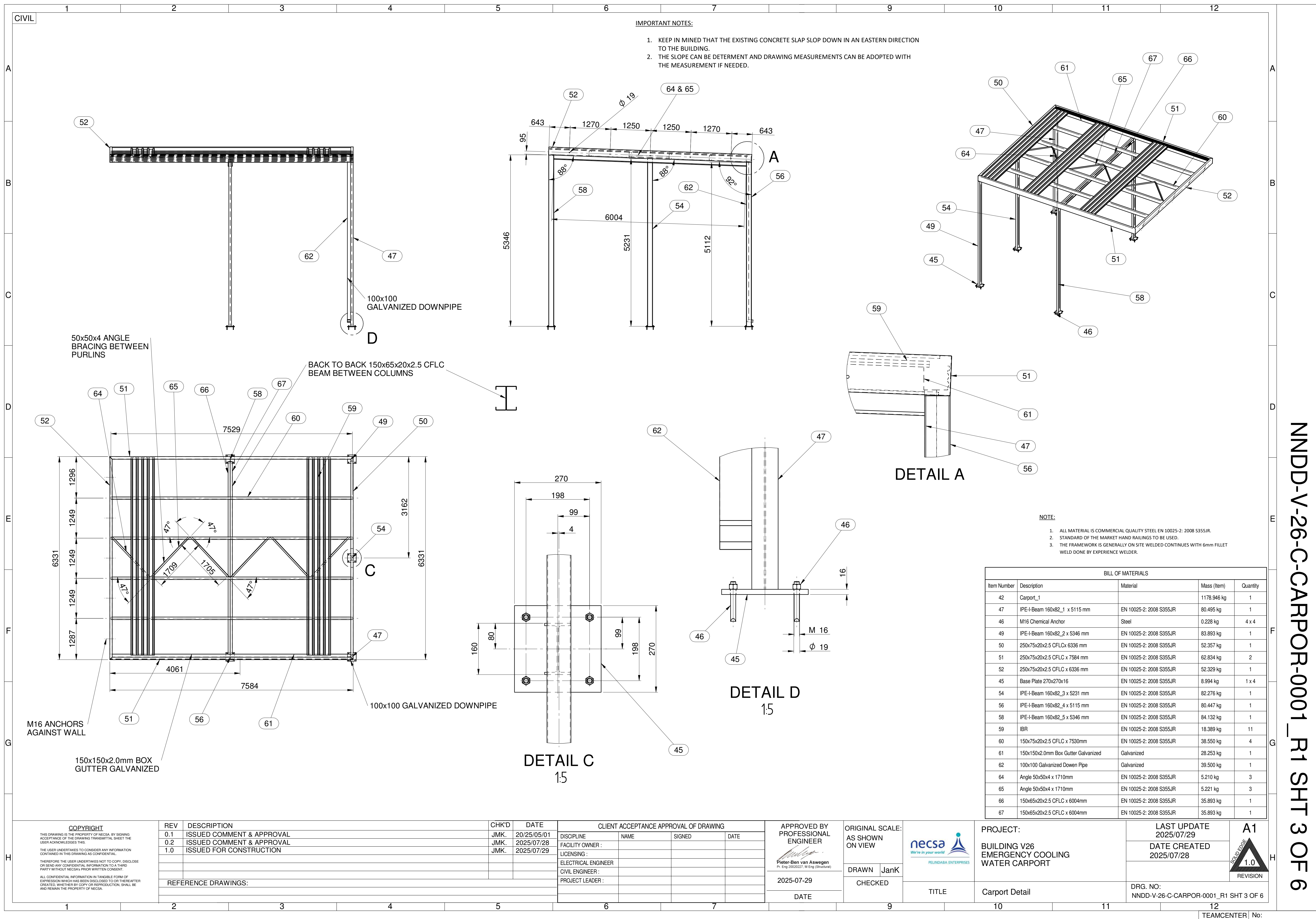


SOLID EDGE

1.0

REVISION

<div>APPROVED BY PROFESSIONAL ENGINEER</div> <div></div> <div>Pieter-Ben van Aswegen Pr. Eng 2003227, M. Eng (Structural)</div>	ORIGINAL SCALE: AS SHOWN ON VIEW		<div> <i>We're in your world!</i></div> <div>PELINDABA ENTERPRISES</div>	PROJECT: BUILDING V26 EMERGENCY COOLING WATER CARPORT	LAST UPDATE 2025/07/29	<div><div>A1</div><div>ISO 15026-1:2015</div><div>REVISION</div></div>
					DATE CREATED 2025/07/28	
	2025-07-29	DRAWN			JanK	
DATE	CHECKED		TITLE	Carport Layout		





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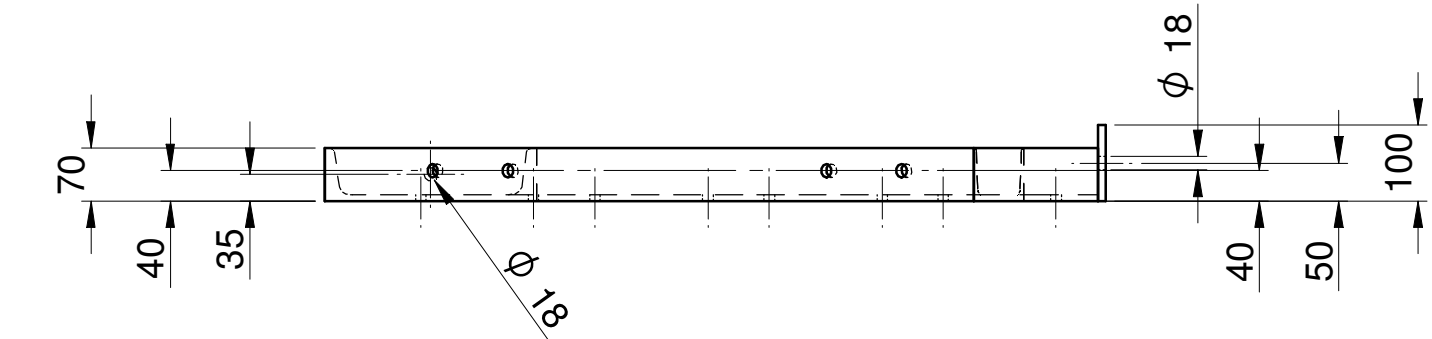
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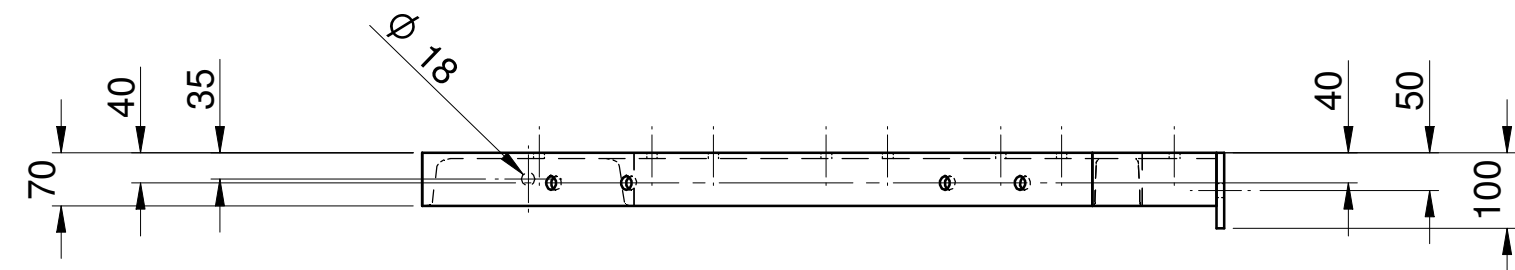
SOLID EDGE

REVISION






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BILL OF MATERIALS				
Item Number	Description	Material	Mass (Item)	Quantity
23	Flat Bar 70 x 10 x 280	EN 10219: 2006 S355JR	1.515 kg	4
26	C-Channel 180x70_L2	EN 10219: 2006 S355JR	2.861 kg	2
37	Flat Bar 100 x 10 x 300	EN 10225-2: 2008 S355JR	2.310 kg	4
38	C-Channel 180x70_L1	EN 10219: 2006 S355JR	21.310 kg	1



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BILL OF MATERIALS				
Item Number	Description	Material	Mass (Item)	Quantity
22	C-Channel 180x70_R2	EN 10219: 2006 S355JR	2.861 kg	2
23	Flat Bar 70 x 10 x 280	EN 10219: 2006 S355JR	1.515 kg	4
37	Flat Bar 100 x 10 x 300	EN 10025-2: 2008 S355JR	2.310 kg	4
39	C-Channel 180x70_R1	EN 10219: 2006 S355JR	22.082 kg	1

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	0.1	ISSUED COMMENT & APPROVAL			JMK.	20/25/05/01		DISCIPLINE					<p>2025-07-29</p> <p>DATE</p>	<p>DRAWN</p> <p>JanK</p> <p>CHECKED</p>		<p>TITLE</p>	<p>Building V26 EMERGENCY COOLING WATER CARPORT</p>	<p>DRG. NO: NNDD-V-26-C-CARPOR-0001_R1 SHT 6 OF 6</p>	<p>TEAMCENTER No:</p>		
	0.2	ISSUED COMMENT & APPROVAL			JMK.	2025/07/28		FACILITY OWNER :													
	1.0	ISSUED FOR CONSTRUCTION			JMK.	2025/07/29		LICENSING :													
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	REFERENCE DRAWINGS:																				

