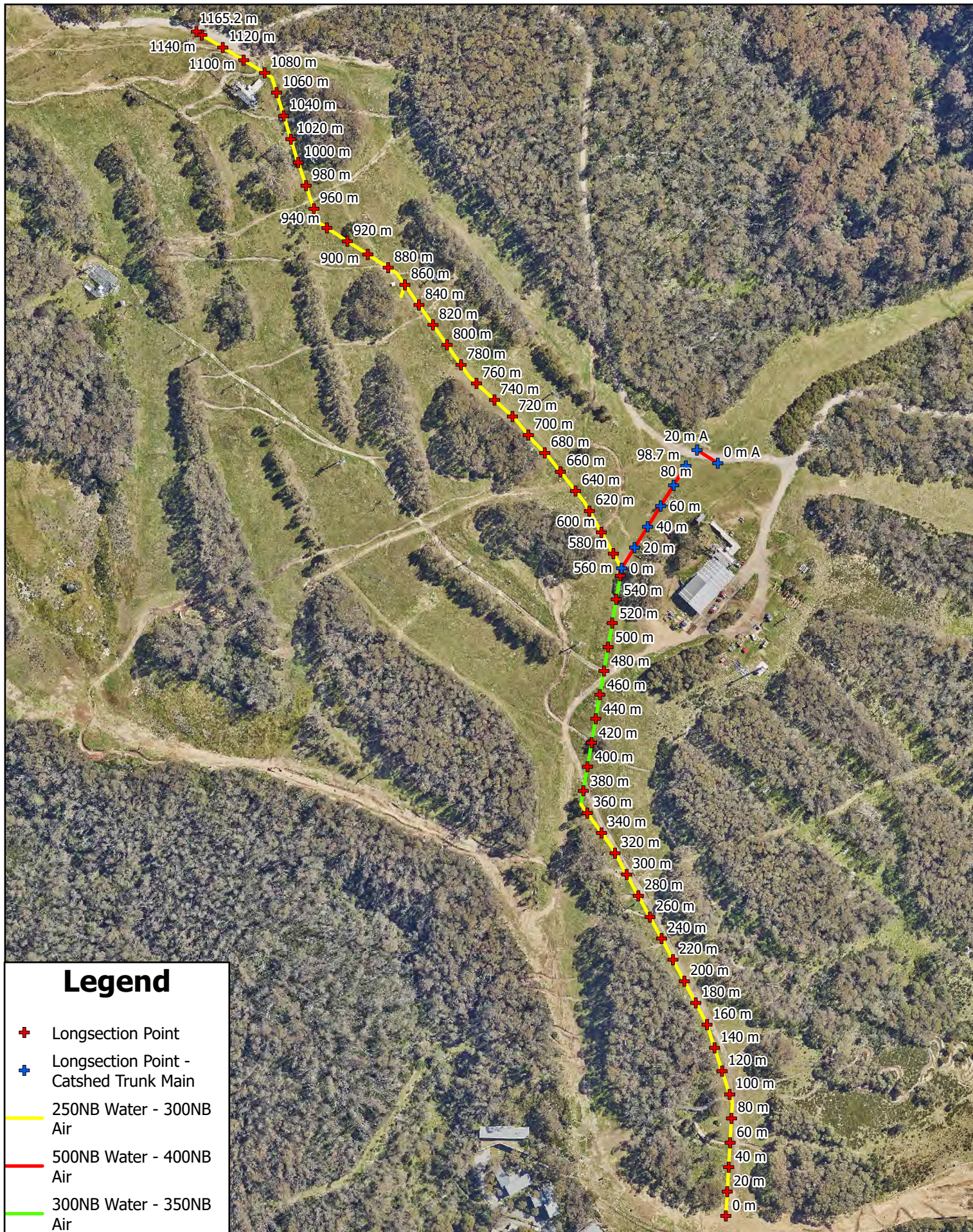
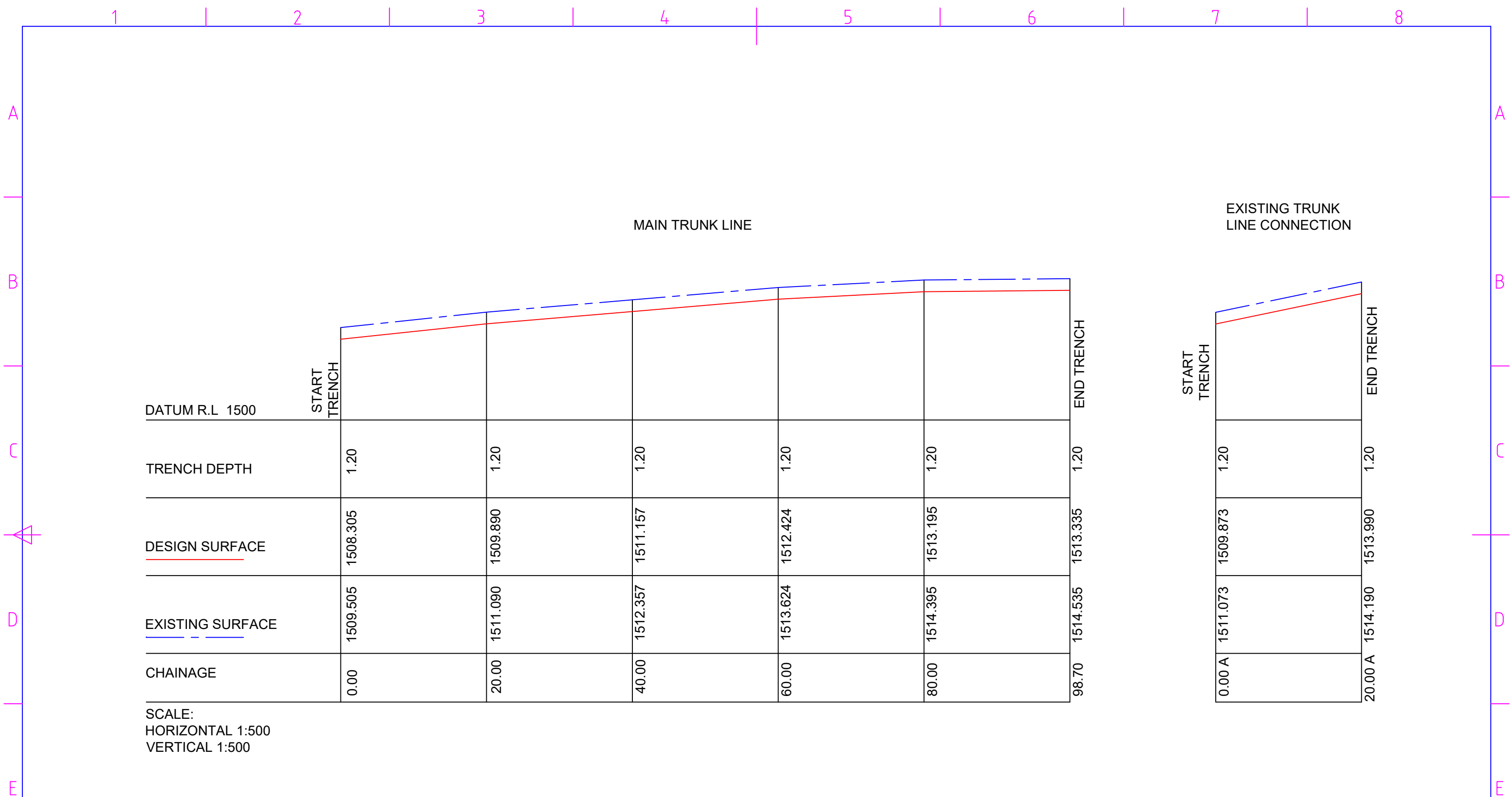




Scale: 1:3,970 30 15 0 30 60 90 120 Meters Map Projection: Universal Transverse Mercator Horizontal Datum: GDA 1994 Grid: GDA 1994 MGA Zone 55			LONGSECTION PLAN Project: Snowmaking Upgrades Bunny Walk to Milk Run	Revision: A Date: 03/08/2023 Produced By: KOS
---	--	--	---	--



DATUM R.L 1500

TRENCH DEPTH

DESIGN SURFACE

EXISTING SURFACE

CHAINAGE

SCALE:
HORIZONTAL 1:500
VERTICAL 1:500

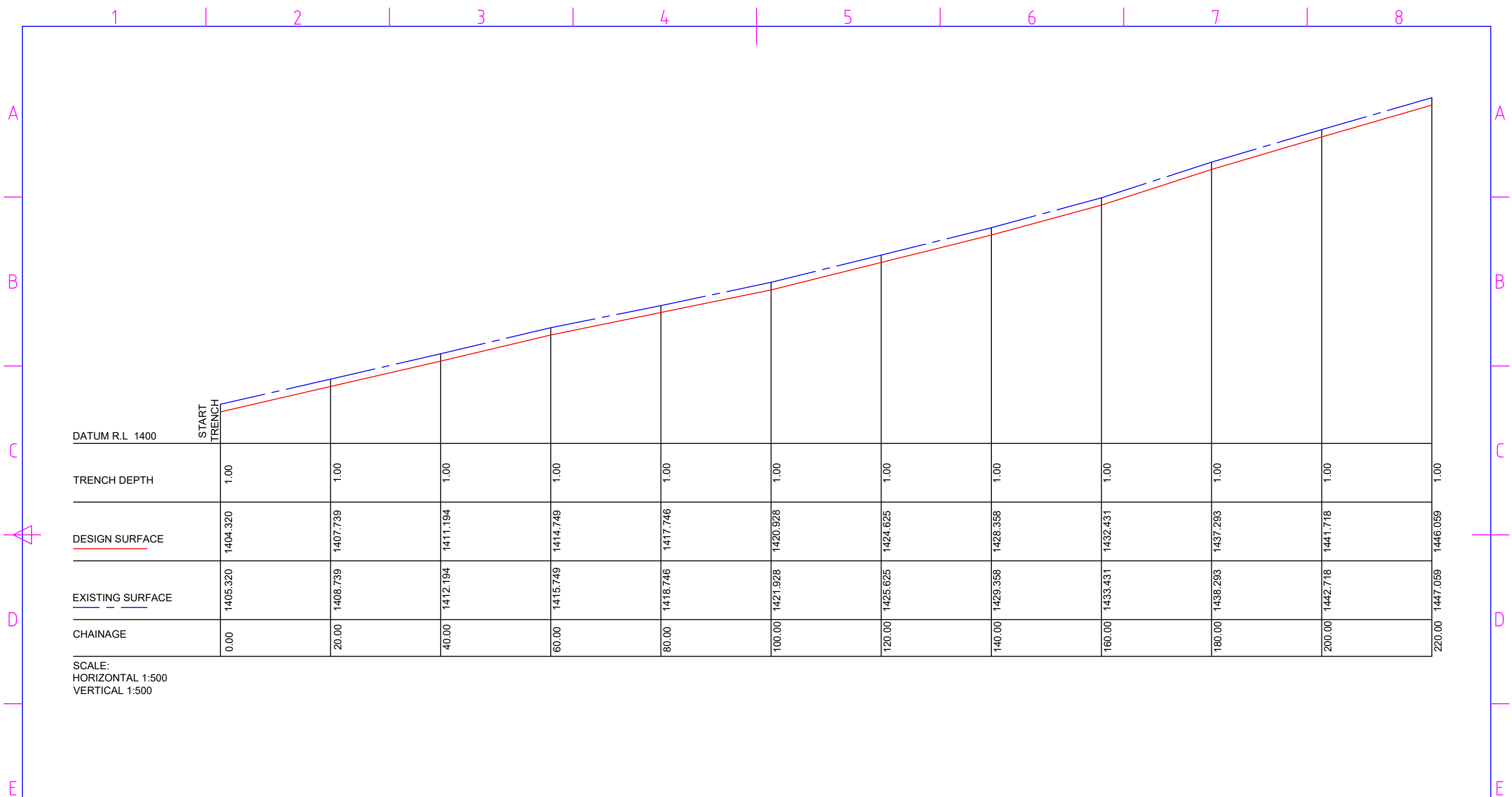
- NOTES:
- TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
 - FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M



© COPYRIGHT - KOSCIUSZKO THREDBO PTY. LTD.
NOT TO BE UTILISED OR COPIED IN PART, OR
IN WHOLE, WITHOUT PERMISSION.

Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by K O'SULLIVAN		Checked by R NURIDIN	Approved by – date R NURIDIN – 4/08/2023	File name SM-Long.dwg	Date 02/08/2023	Scale 1:500 @ A3
SNOWMAKING Bunny Walk to Milk Run Trunk Main			Longsections			
			SM-Bunny Walk to Milk Run Catshed Trunk Line		Edition A	Sheet 1/1



NOTES:

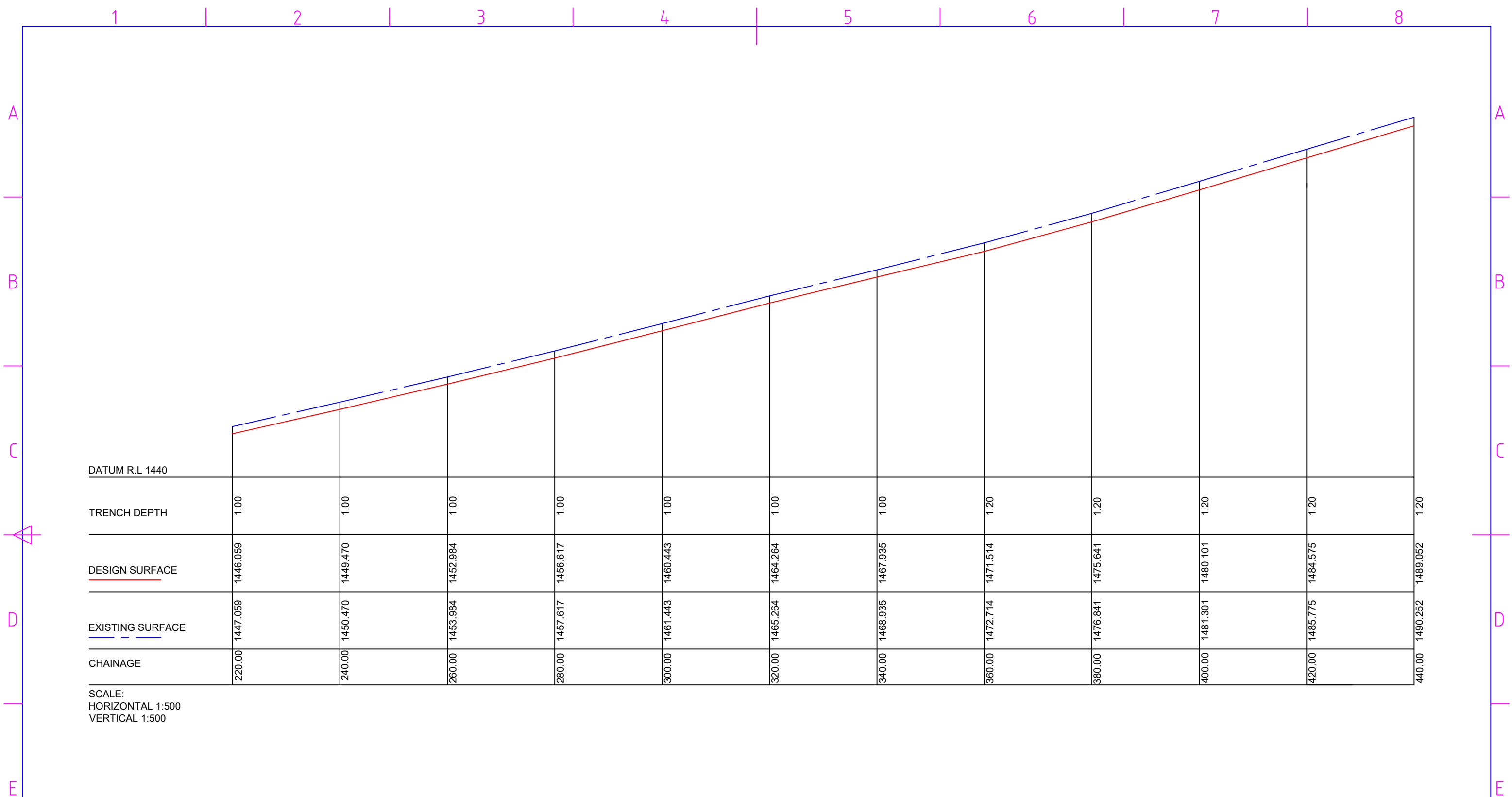
- TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
- FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M

© COPYRIGHT - KOSCIUSZKO THREDBO PTY. LTD.
NOT TO BE UTILISED OR COPIED IN PART, OR
IN WHOLE, WITHOUT PERMISSION.



Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by K O'SULLIVAN		Checked by R NURIDIN	Approved by - date R NURIDIN - 4/08/2023	File name SM-Long.dwg	Date 02/08/2023	Scale 1:500 @ A3
SNOWMAKING Bunny Walk to Milk Run				Longsections		
				SM-Bunny Walk to Milk Run		Edition A
						Sheet 1/5



NOTES:

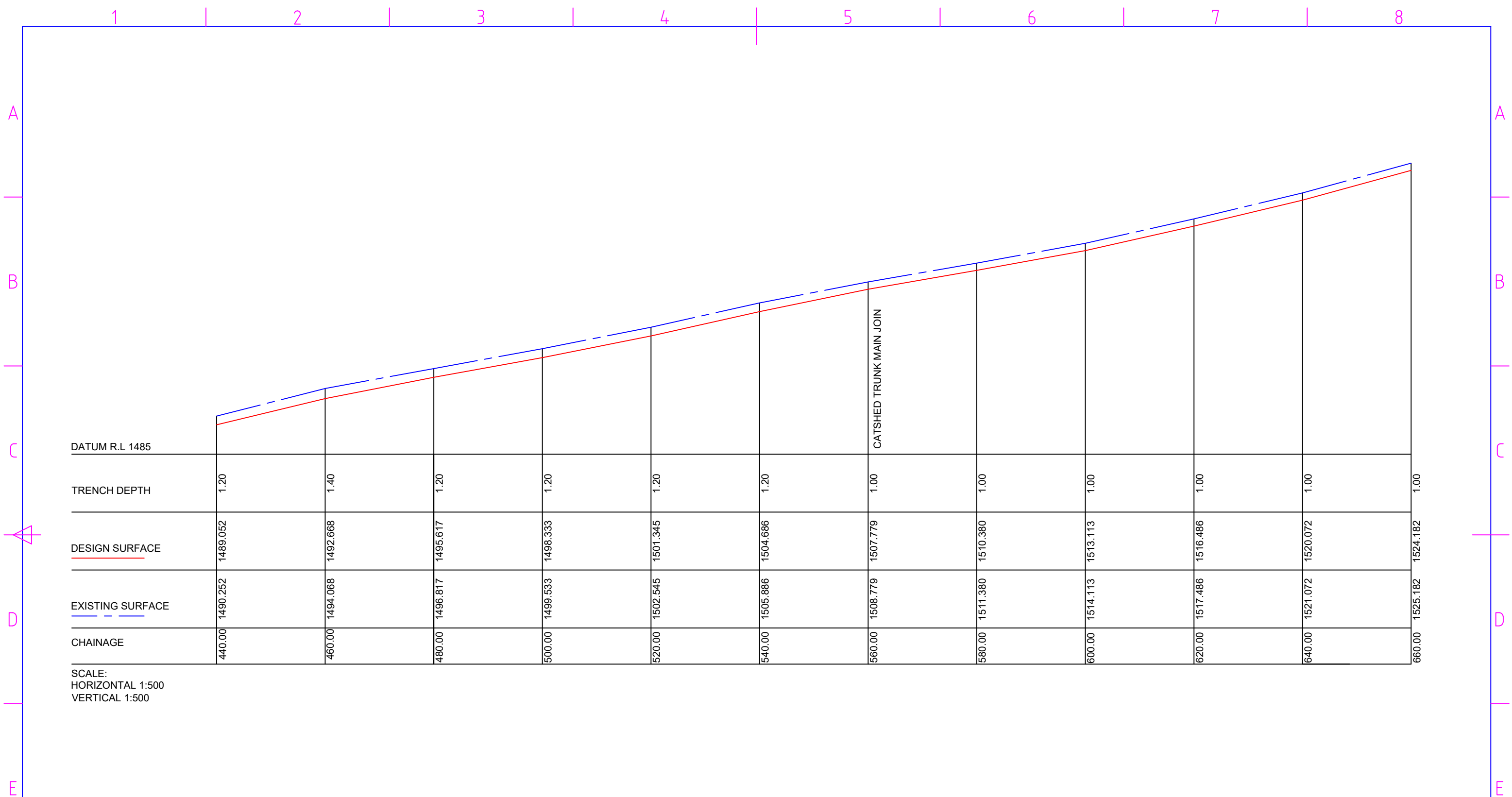
1. TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
2. FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M

Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by K O'SULLIVAN		Checked by R NURIDIN	Approved by - date R NURIDIN - 4/08/2023	File name SM-Long.dwg	Date 02/08/2023	Scale 1:500 @ A3
SNOWMAKING Bunny Walk to Milk Run				Longsections		
				SM-Bunny Walk to Milk Run		Edition A

© COPYRIGHT - KOSCIUSZKO THREDBO PTY. LTD.
NOT TO BE UTILISED OR COPIED IN PART, OR
IN WHOLE, WITHOUT PERMISSION.





DATUM R.L 1485

TRENCH DEPTH

DESIGN SURFACE

EXISTING SURFACE

CHAINAGE

SCALE:
HORIZONTAL 1:500
VERTICAL 1:500

NOTES:

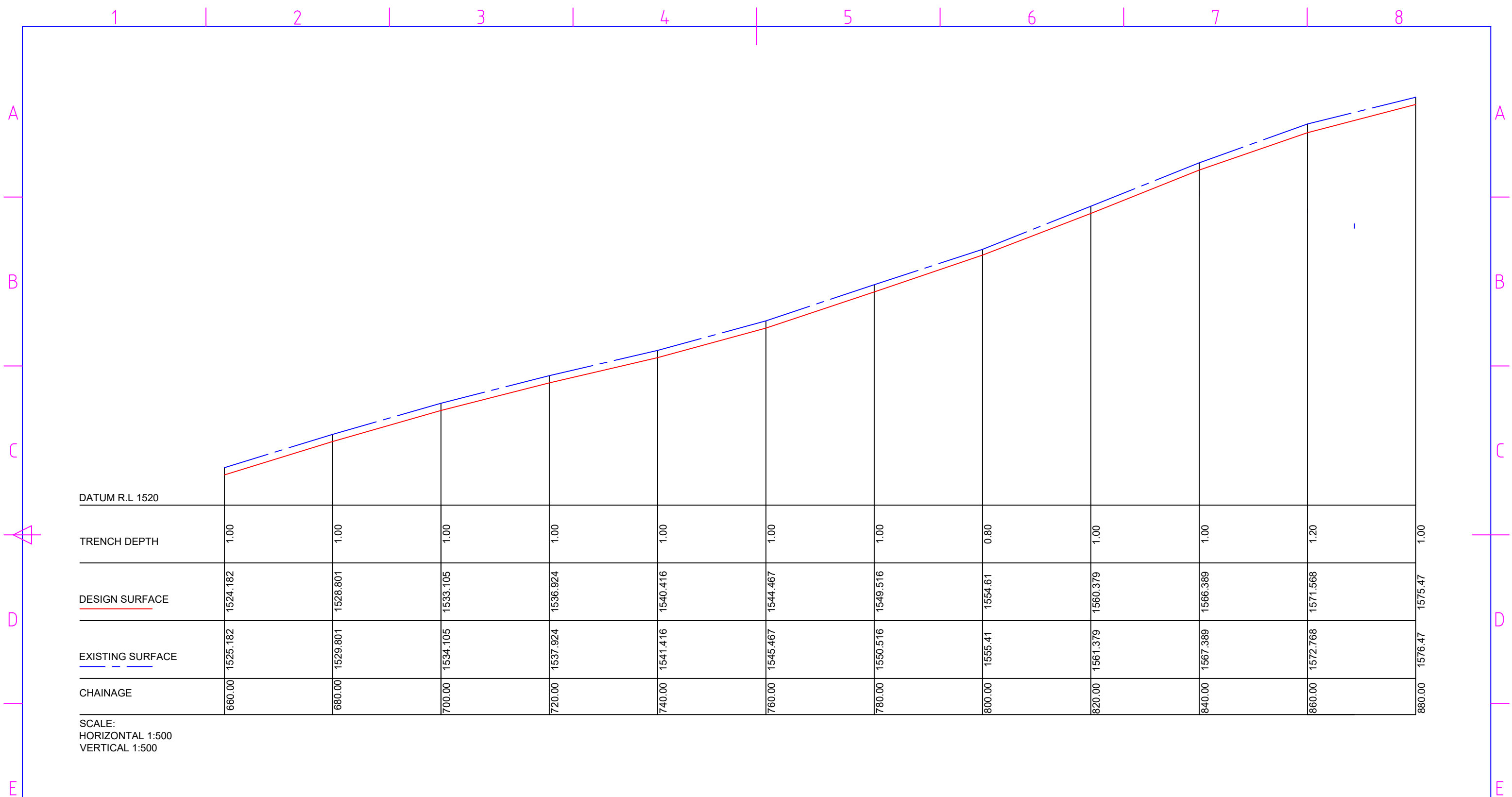
1. TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
2. FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M

Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by K O'SULLIVAN		Checked by R NURIDIN	Approved by - date R NURIDIN - 4/08/2023	File name SM-Long.dwg	Date 02/08/2023	Scale 1:500 @ A3
SNOWMAKING Bunny Walk to Milk Run				Longsections		
				SM-Bunny Walk to Milk Run	Edition A	Sheet 3/5

© COPYRIGHT - KOSCIUSZKO THREDBO PTY. LTD.
NOT TO BE UTILISED OR COPIED IN PART, OR
IN WHOLE, WITHOUT PERMISSION.





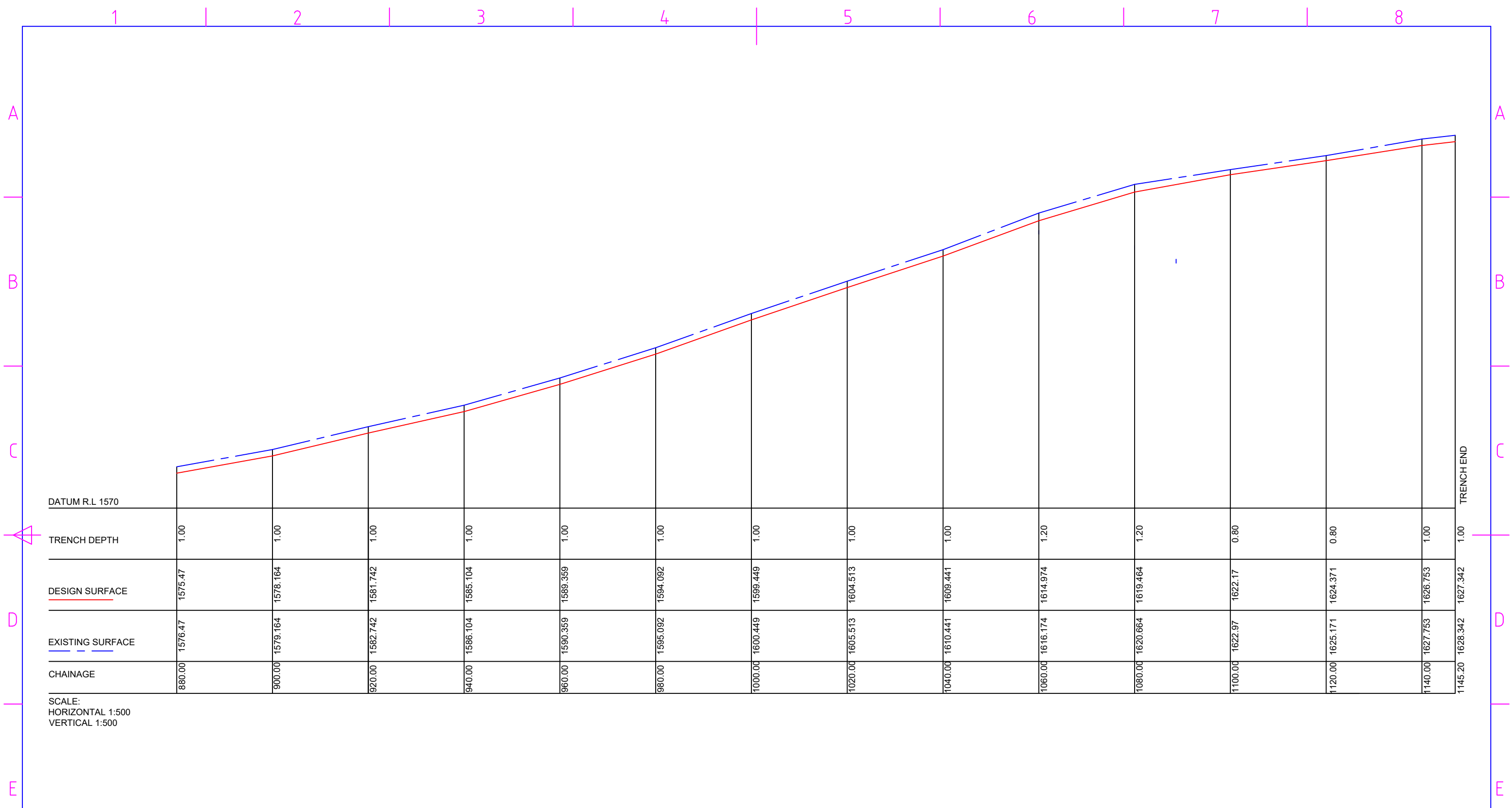
SCALE:
HORIZONTAL 1:500
VERTICAL 1:500

- NOTES:
- TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
 - FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M

Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc				Article No./Reference	
Designed by K O'SULLIVAN		Checked by R NURIDIN	Approved by - date R NURIDIN - 4/08/2023	File name SM-Long.dwg	Date 02/08/2023	Scale 1:500 @ A3	
SNOWMAKING Bunny Walk to Milk Run				Longsections			
				SM-Bunny Walk to Milk Run		Edition A	Sheet 4/5





NOTES:

- TRENCHING IN THE NOMINATED DEPTH OF 1.0M FOR 250NB WATER - 300NB AIR, 1.2M FOR 500NB WATER - 400NB AIR & 300NB WATER - 350NB AIR. VERTICAL CUTS MAY BE CARRIED OUT IF SIDEWALLS REMAIN STABLE DURING PIPE CONSTRUCTION
- FOR SECTIONS DEEPER THAN 1.5M, BENCHING MUST BE CARRIED OUT TO ACHIEVE AN OVERALL TEMPORARY BATTER SLOPE NO STEEPER TAN 1H:1V AND WITH MAXIMUM INDIVIDUAL BENCH HEIGHTS OF 1.5M

Rev	Date	Description
A	02/08/23	Original for DA

Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by K O'SULLIVAN	Checked by R NURIDIN	Approved by - date R NURIDIN - 4/08/2023	File name SM-Long.dwg
Date 02/08/2023			Scale 1:500 @ A3



THREDBO

SNOWMAKING
Bunny Walk to Milk Run

Longsections

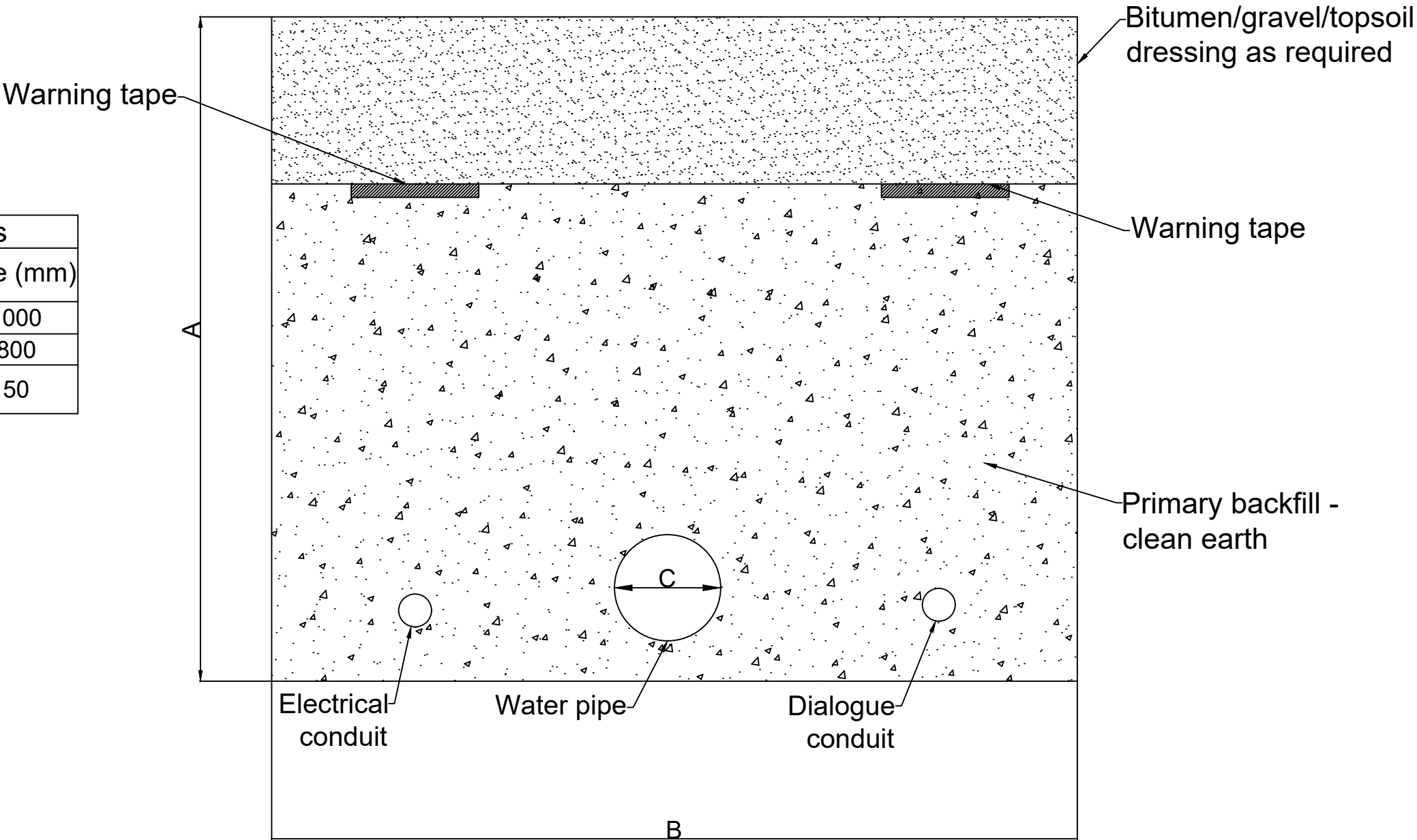
SM-Bunny Walk to Milk Run

Edition
A

Sheet
5/5

© COPYRIGHT - KOSCIUSZKO THREDBO PTY. LTD.
NOT TO BE UTILISED OR COPIED IN PART, OR
IN WHOLE, WITHOUT PERMISSION.

Trench Dimensions		
Location	Dimension	Size (mm)
A	Trench Depth	1000
B	Trench Width	800
C	Water Pipe Diameter	50



NOTES

- Services Separation Distances within trench, trench depth and trench width as per AS 3000 - Electrical Installations and AS 3500 - Plumbing and Drainage
- Electrical marker tape will be installed above electrical and communications services as per AS 3000

DRAWING

Snowmaking Lateral Trench Cross Section to Fan Pit

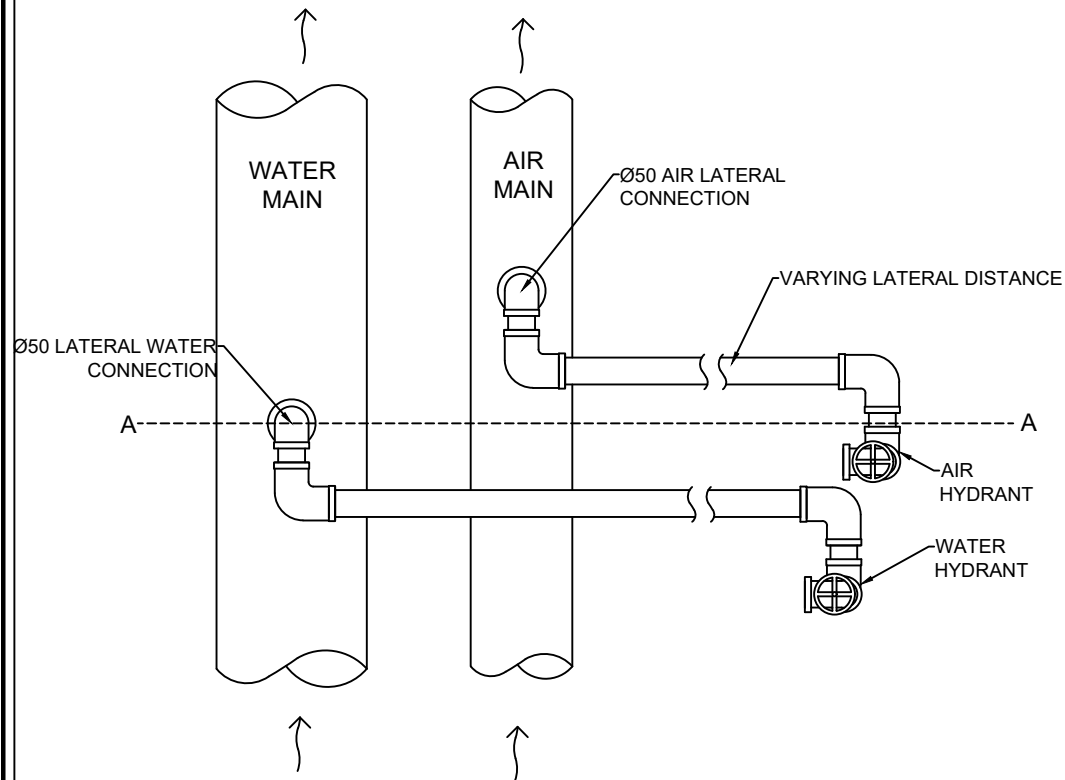
PROJECT

Snowmaking Upgrades - Bunny Walk to Milk Run

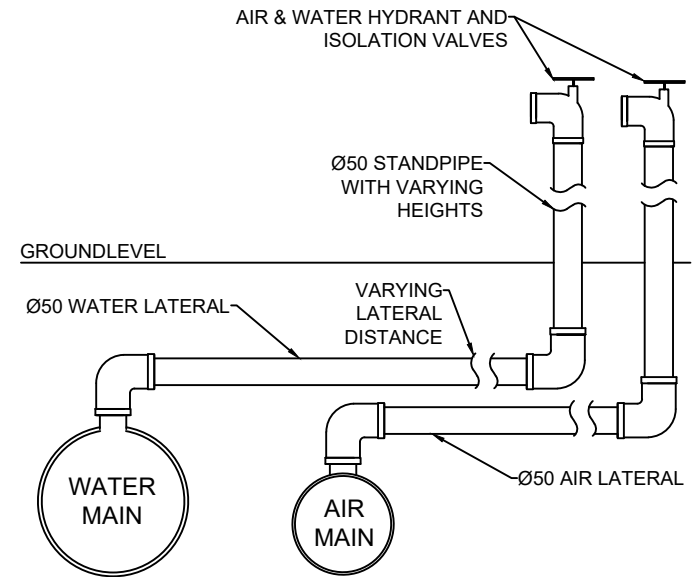


REV	DATE	DESCRIPTION	
1	06/07/23	Original for DA	
DESIGNED BY K. O'Sullivan		CHECKED BY R. Nuridin	
SCALE NTS		FILE NAME	
SHEET 1/1		Snowmaking Trench Cross Section.dwg	

TOP VIEW



CROSS SECTION A



NOTES

- Services Separation Distances within trench, trench depth and trench width as per AS 3000 - Electrical Installations and AS 3500 - Plumbing and Drainage
- Electrical marker tape will be installed above electrical and communications services as per AS 3000

DRAWING

Snowmaking Laterals Connection

PROJECT

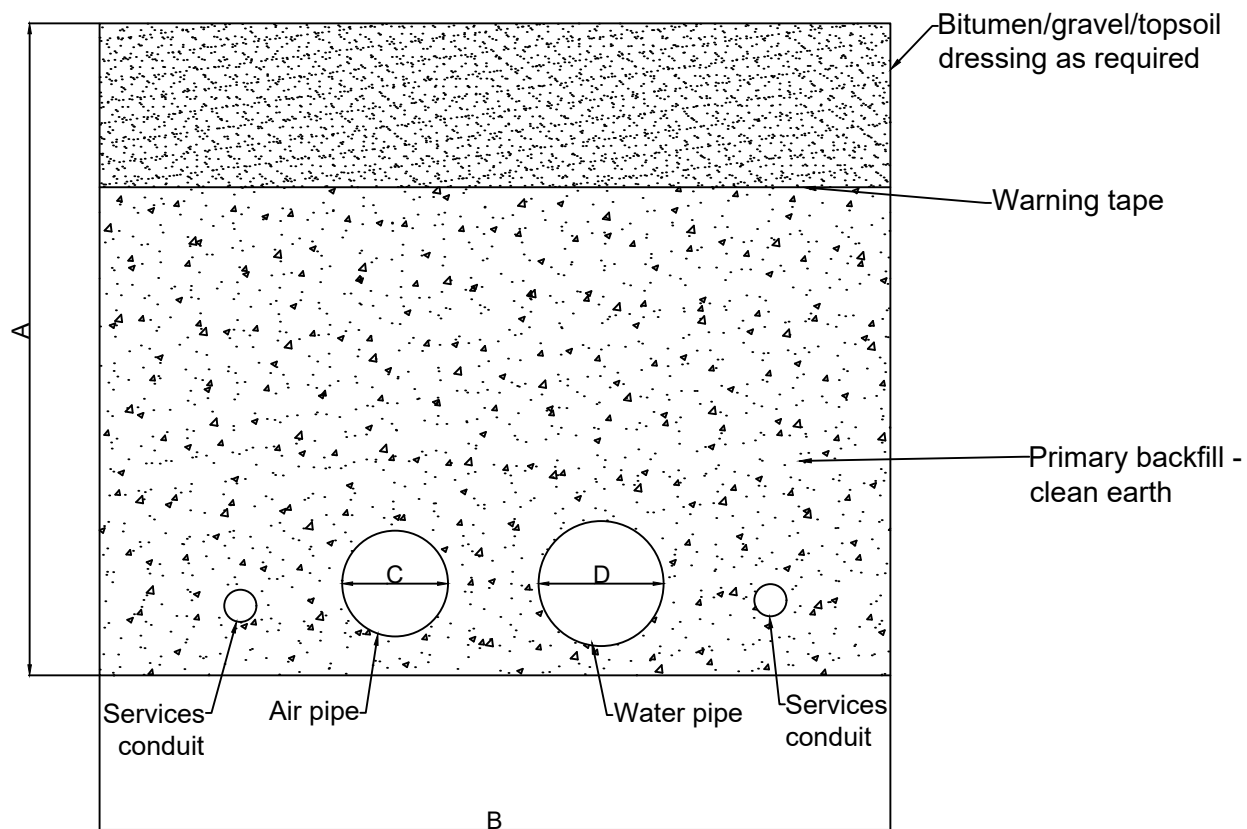
Snowmaking Installation



REV	DATE	DESCRIPTION
1	15/03/23	Original for DA
DESIGNED BY K. O'Sullivan		CHECKED BY R. Nuridin
SCALE NTS		FILE NAME Snowmaking Trench Cross Section.dwg
SHEET 1/1		

Trench Dimensions		
Location	Dimension	Size (mm)
A	Trench Depth	1000-1200
B	Trench Width	1400
C	Air Pipe Diameter	refer below
D	Water Pipe Diameter	refer below

Location	Water	Air
100 line	250NB	300NB
Trunk Line to Cat Shed	500NB	400NB
Cat Shed to Milk Run Split	300NB	350NB
Milk Run	250NB	300NB



NOTES

- Services Separation Distances within trench, trench depth and trench width as per AS 3000 - Electrical Installations and AS 3500 - Plumbing and Drainage
- Electrical marker tape will be installed above electrical and communications services as per AS 3000

DRAWING

Snowmaking Trench Cross Section

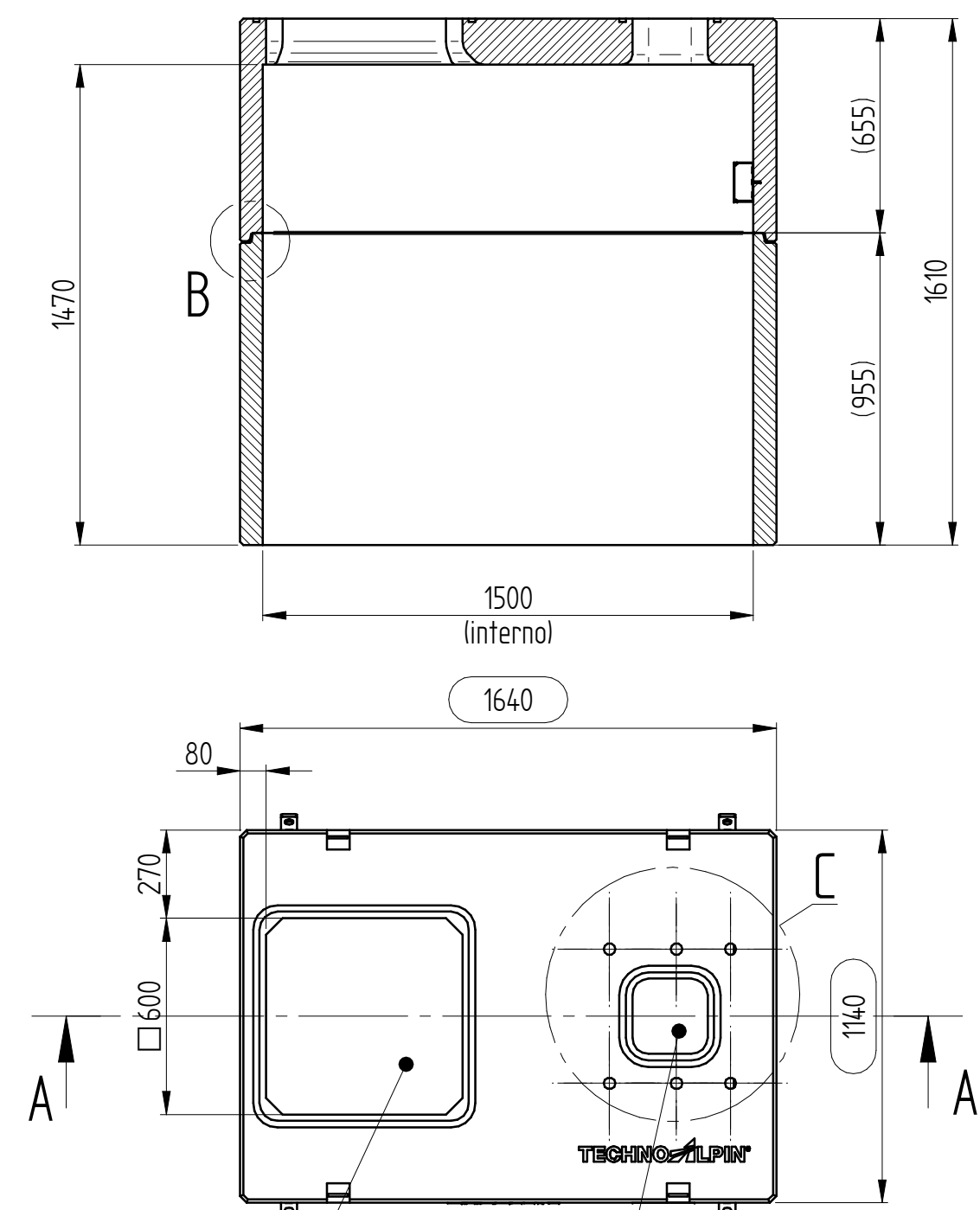
PROJECT

Snowmaking Installation



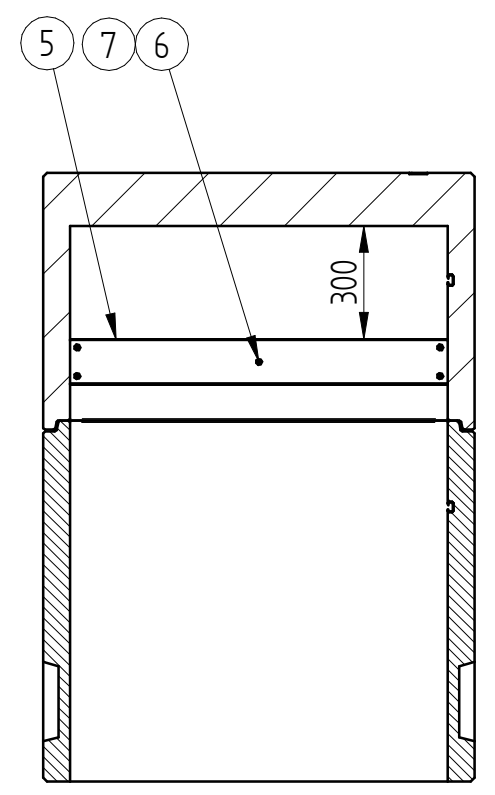
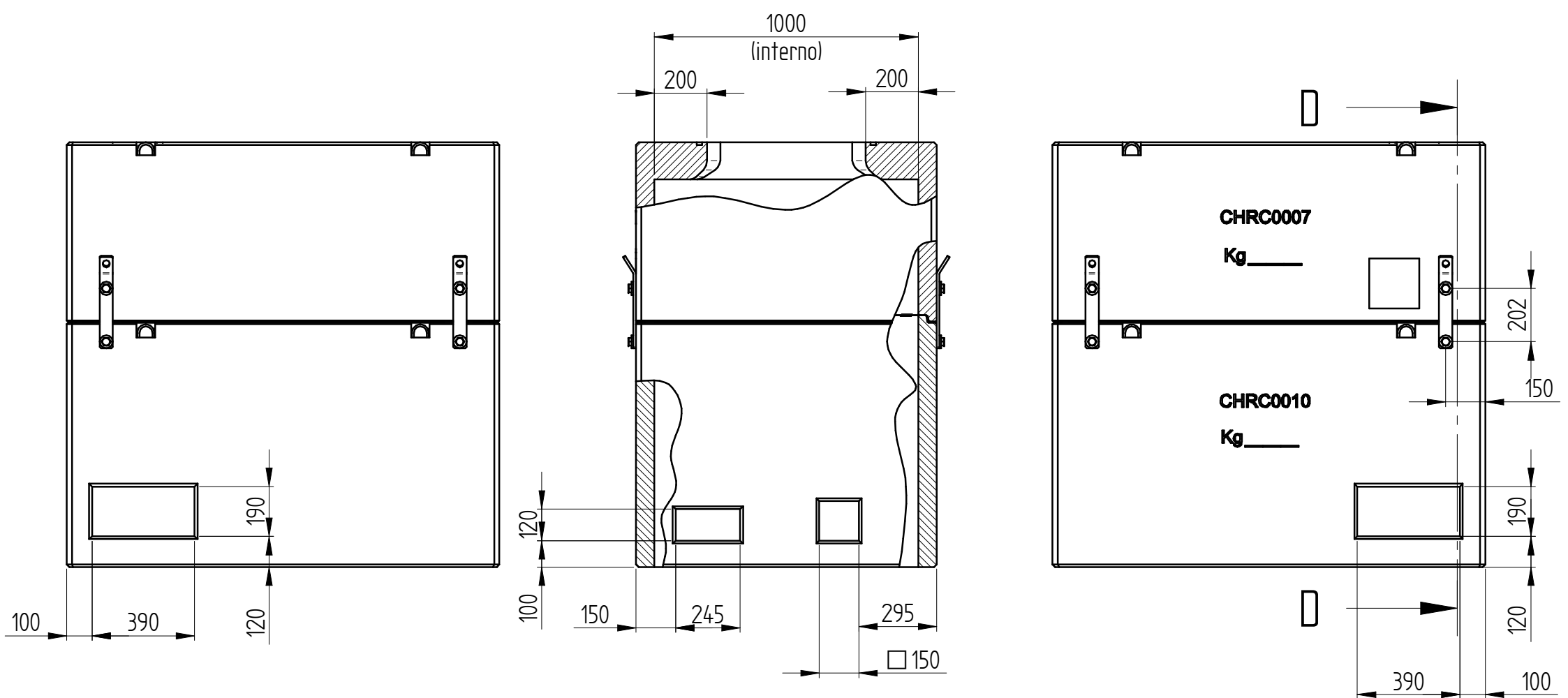
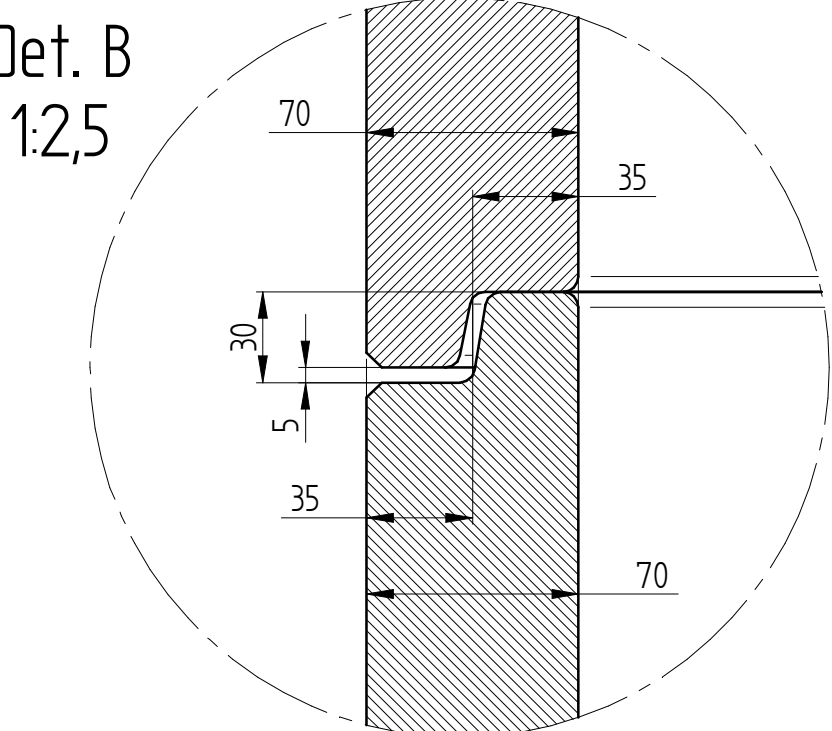
REV	DATE	DESCRIPTION
1	01/09/22	Original for DA
2	04/08/2023	Inclusion of pipe specs
DESIGNED BY K. O'Sullivan		CHECKED BY R.Nuridin
SCALE	NTS	FILE NAME Snowmaking Trench Cross Section.dwg
SHEET	1/1	

Sez. A-A

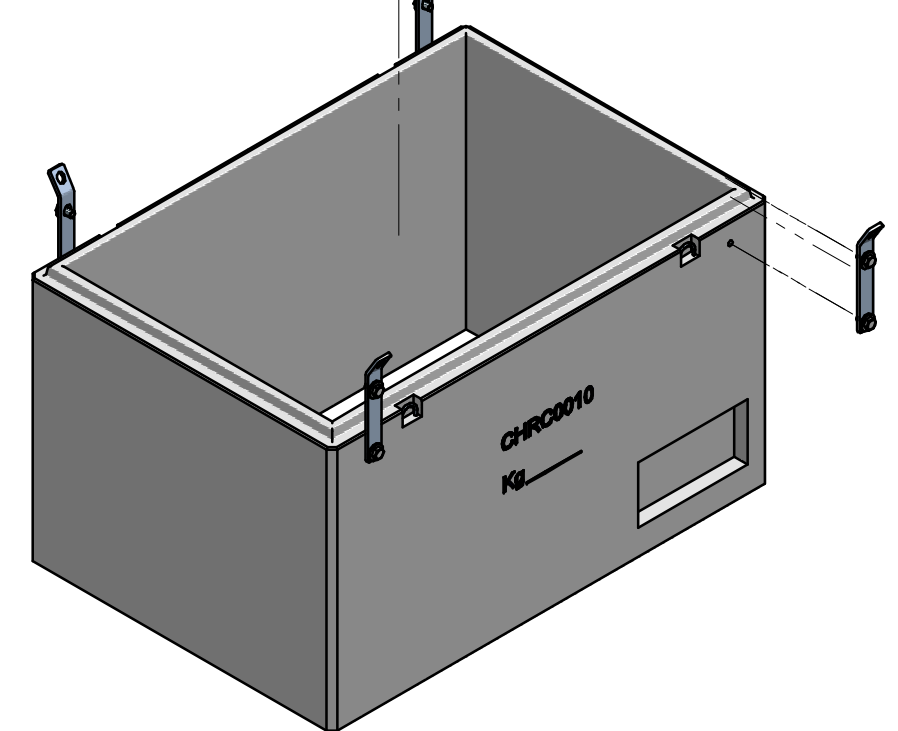
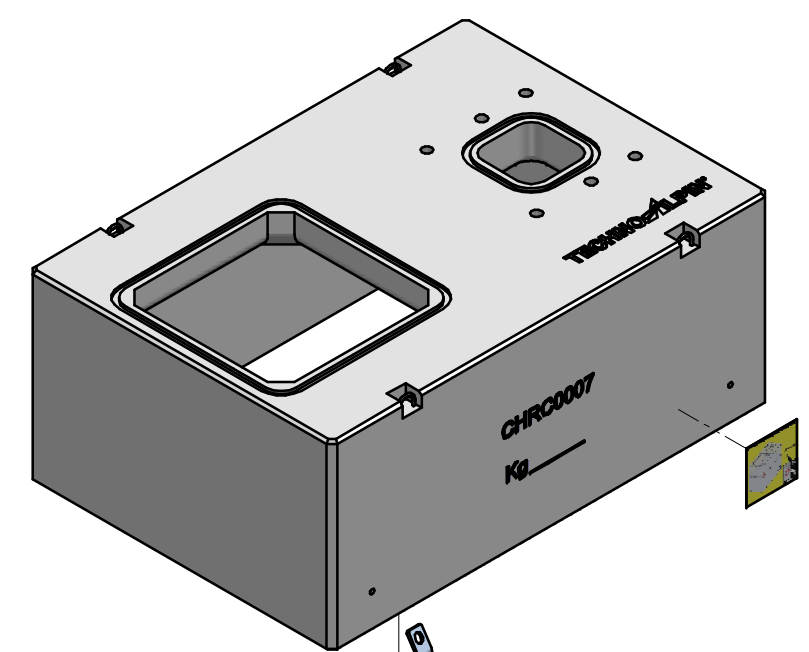
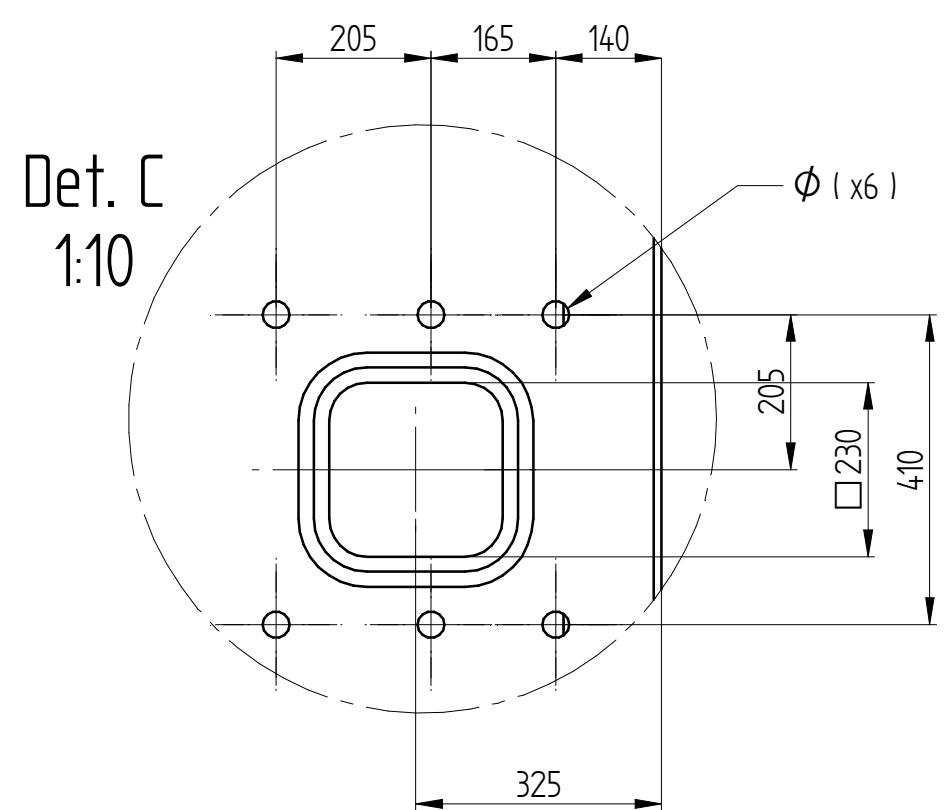


Einstiegsluke
Chiusino
Entrance
Capot de regard

Lift 4.5m / Lanze / Turm 1.6m
Lift 4.5m / Lancia / Torre 1.6m
Lift 4.5m / Lance / Tower 1.6m
Lift 4.5m / Lance / Tour 1.6m



Sez. D-D



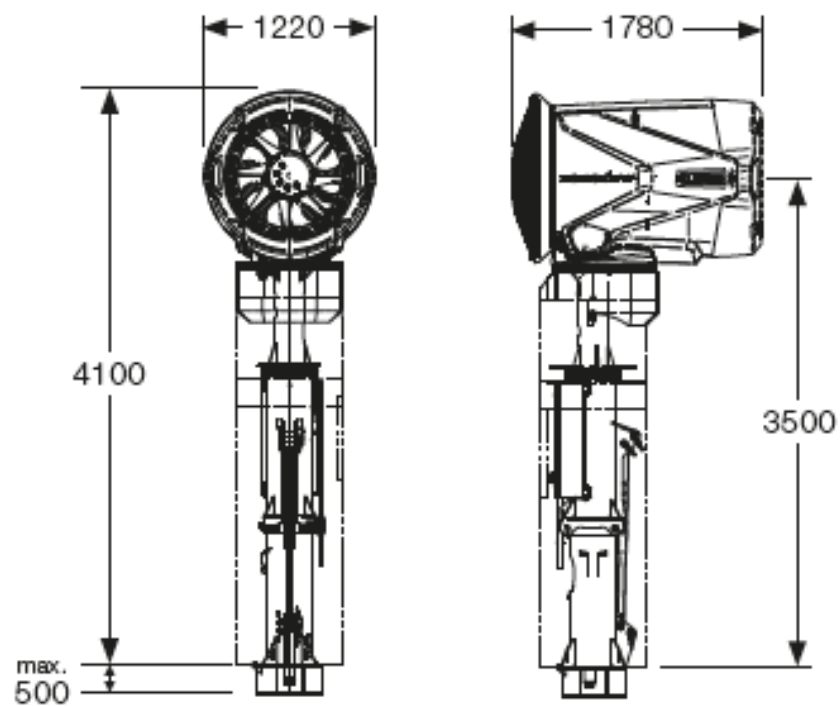
smooth surface treatment

7	SRD05040	00	Plug PVC 5mm with screw TGS 5 4.0x30	5
6	BLSD05016	00	Washer M5x15 ZN UNI 6593	5
5	SKEE1348	00	Wiring channel T1-N 120x60 grey RAL7030	10
4	POSK0002	01	Sticker Pit indication for mounting	1
3	CHRC0012	00	Kit flange for pit complete	1
2	CHRC0007	01	Pit lid 2 entrances (reinforced) 600x600 H	1
1	CHRC0010	02	Pit lower part reinforced H	1
Pos.	Item	Rev.	Item description	Qty

Revision	Version	Description of the change	Date	Creator	Approver
Scale	1:1	Status of drawing	Item number	CHRC0057	00
Dimensioning unit	mm	Creator	Approver	Ambrosini S.	Ambrosini S.
Projection method	1st angle	Create date	Approve date	19.03.2021	19.03.2021
Description			Pit for Lift 4.5m - 2 holes (entrance 600x600) H		
TECHNOALPIN®			ISO 16016 The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.		

TT10 Fan Gun Dimensions

TT10



(Source: TechnoAlpin 2020)