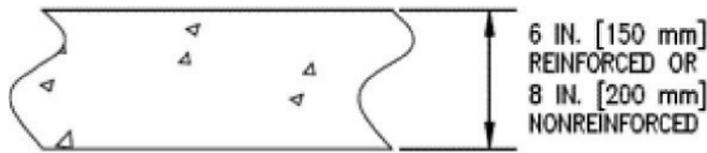


# FOUNDATION SPECIFICATIONS:

THE TAU-II CRASH CUSHION SYSTEM HAS BEEN DESIGNED TO ATTACH TO CONCRETE OR ASPHALT FOUNDATIONS. USE THE ANCHORAGE SPECIFIED BELOW DEPENDING ON THE FOUNDATION AT THE JOB SITE. REFERENCE UNIVERSAL TAU-II FOUNDATION DRAWINGS FOR FURTHER DETAIL.

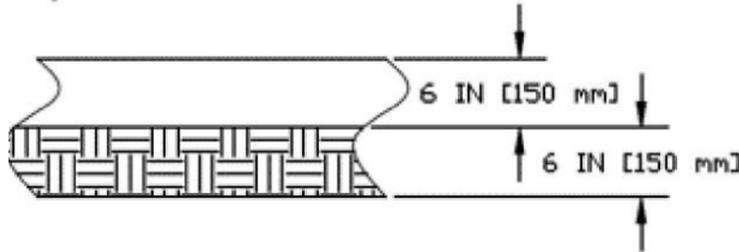
## 1.) CONCRETE PAD



**FOUNDATION:** MINIMUM 6 IN. [150 mm] REINFORCED PCC PAD OR 8 IN. [200 mm] NONREINFORCED PCC PAD

**ANCHORAGE:** 3/4 IN. [20 mm] X 8 1/4 IN. [210 mm] GALVANIZED ANCHOR WITH 6 IN. [150 mm] EMBEDMENT

## 2.) ASPHALT OVER SUBBASE



**FOUNDATION:** MINIMUM 6 IN [150 mm] AC OVER 6 IN. [150 mm] COMPACTED DGA SUBBASE

**ANCHORAGE:** 3/4 IN. [20 mm] X 18 IN. [460 mm] GALVANIZED ANCHORS WITH 16 IN. [410 mm] EMBEDMENT

ASPHALT ANCHORING KIT REQUIRED

## 3.) ASPHALT ONLY

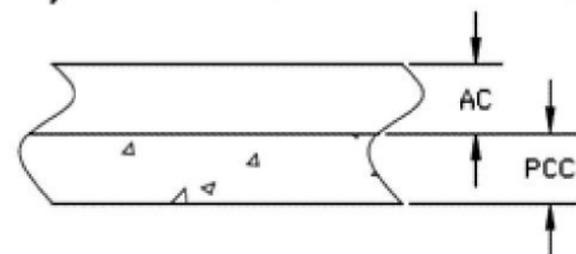


**FOUNDATION:** MINIMUM 6 IN. [150 mm] AC

**ANCHORAGE:** 3/4 IN. [20 mm] X 18 IN. [460 mm] GALVANIZED ANCHORS WITH 16 IN. [410 mm] EMBEDMENT

ASPHALT ANCHORING KIT REQUIRED

## 4.) ASPHALT OVER P.C. CONCRETE



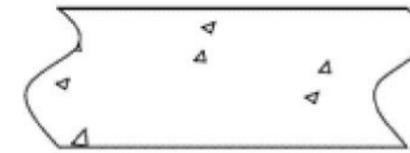
**FOUNDATION:** AC OVER PCC.

**ANCHORAGE:** 3/4 IN. [20 mm] GALVANIZED ANCHORS WITH MINIMUM 6 IN. [150 mm] EMBEDMENT IN PCC - ASPHALT ANCHORING KIT NOT REQUIRED OR

IF 6 IN. [150 mm] EMBEDMENT IN PCC IS NOT POSSIBLE USE 3/4 IN. [20 mm] X 18 IN. [460 mm] GALVANIZED ANCHORS WITH 16 IN. [410 mm] EMBEDMENT - ASPHALT ANCHORING KIT REQUIRED

## MATERIAL SPECIFICATIONS

### PORTLAND CEMENT CONCRETE (PCC)



STONE AGGREGATE CONCRETE MIX, 4,000 PSI [28 MPa] MINIMUM COMPRESSIVE STRENGTH (SAMPLING PER ASTM C31-84 OR ASTM C42-84A, TESTING PER ASTM C39-84)

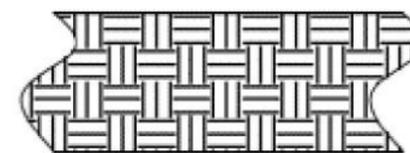
### ASPHALTIC CONCRETE (AC)



AR-4000 A.C. (PER ASTM D3381 '83) .75" MAXIMUM, MEDIUM (TYPE A OR B) AGGREGATE

SIEVE SIZE	% PASSING
1"	100
3/4"	95-100
3/8"	65-80
No. 4	49-54
No. 8	36-40
No. 30	18-21
No. 200	3-8

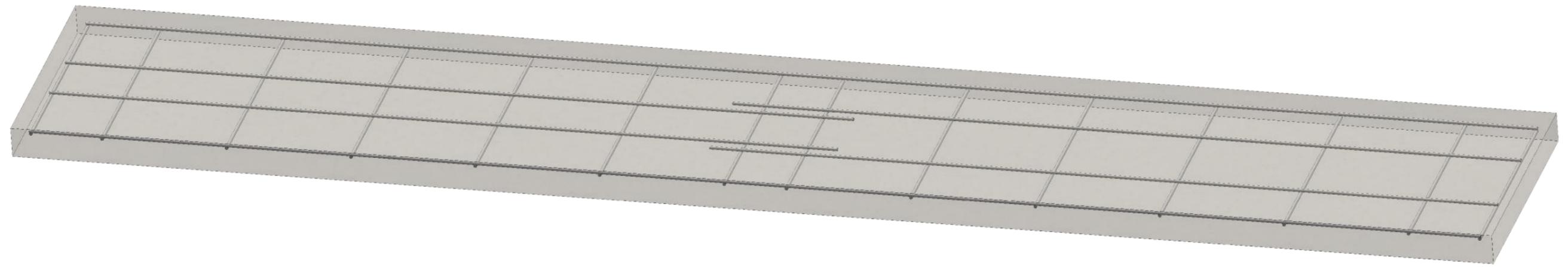
### COMPACTED SUBBASE (DGA)



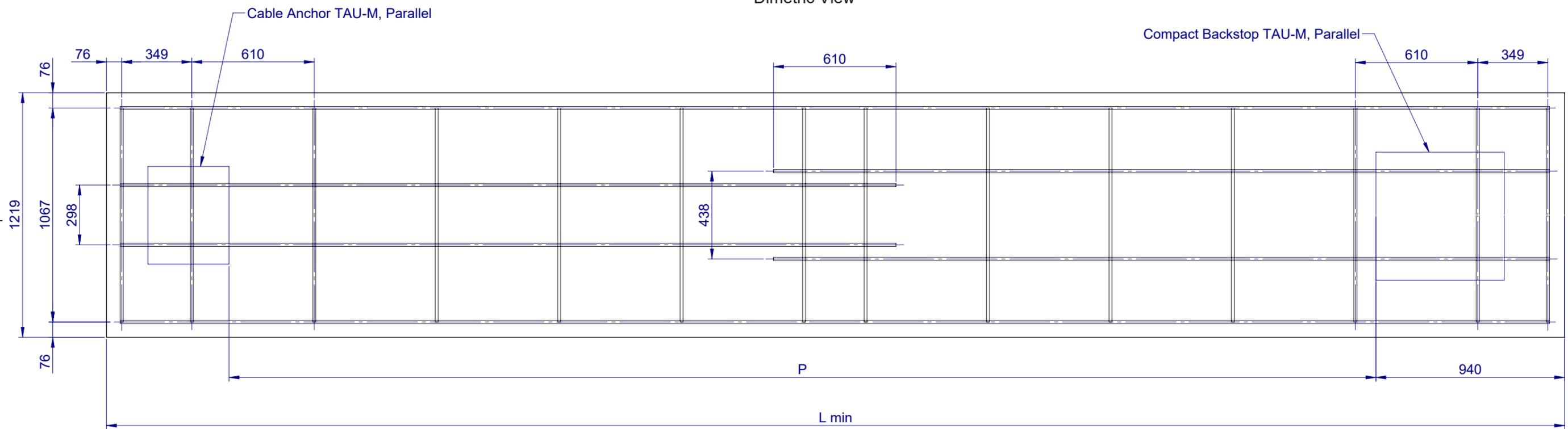
6 IN. [150 mm] MINIMUM DEPTH, 95% COMPACTION, CLASS 2 AGGREGATE

SIEVE SIZE	% PASSING
3"	100
2 1/2"	90-100
No. 4	40-90
No. 200	0-25

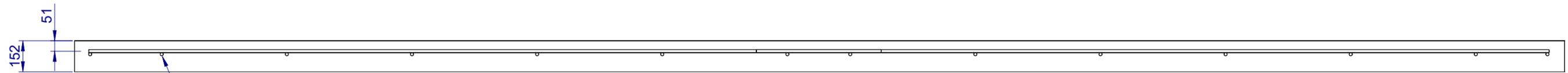
MATERIAL:			 CRASH BARRIER SOLUTIONS COPYRIGHT: All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission.	TITLE: TAU-M Foundation Specifications			
FINISH:				DWG TYPE: Detail Drawing			
STATUS	NAME	DATE	UNLESS OTHERWISE SPECIFIED: GENERAL TOLERANCES: ±0.5mm ALL DIMENSIONS ARE IN: mm  THIRD ANGLE PROJECTION	DWG NO. SD-RB-09005	REVISION: A	SHEET SIZE: A3	
DRAWN	J. An	25/07/2023		WEIGHT:	DO NOT SCALE DRAWING	SCALE:	SHEET 1 of 3
CHK'D	T. Colquhoun	25/07/2023		STATUS: <b>APPROVED</b>			
APPV'D	H. Wallace	25/07/2023		T:\VDR\SD\150\Assembly\SD-RB-09005 - TAU-M Foundation Specifications - TAU-II Foundation.dwg Tuesday, 22 August 2023 11:08:54 AM			



Dimetric View



Plan View

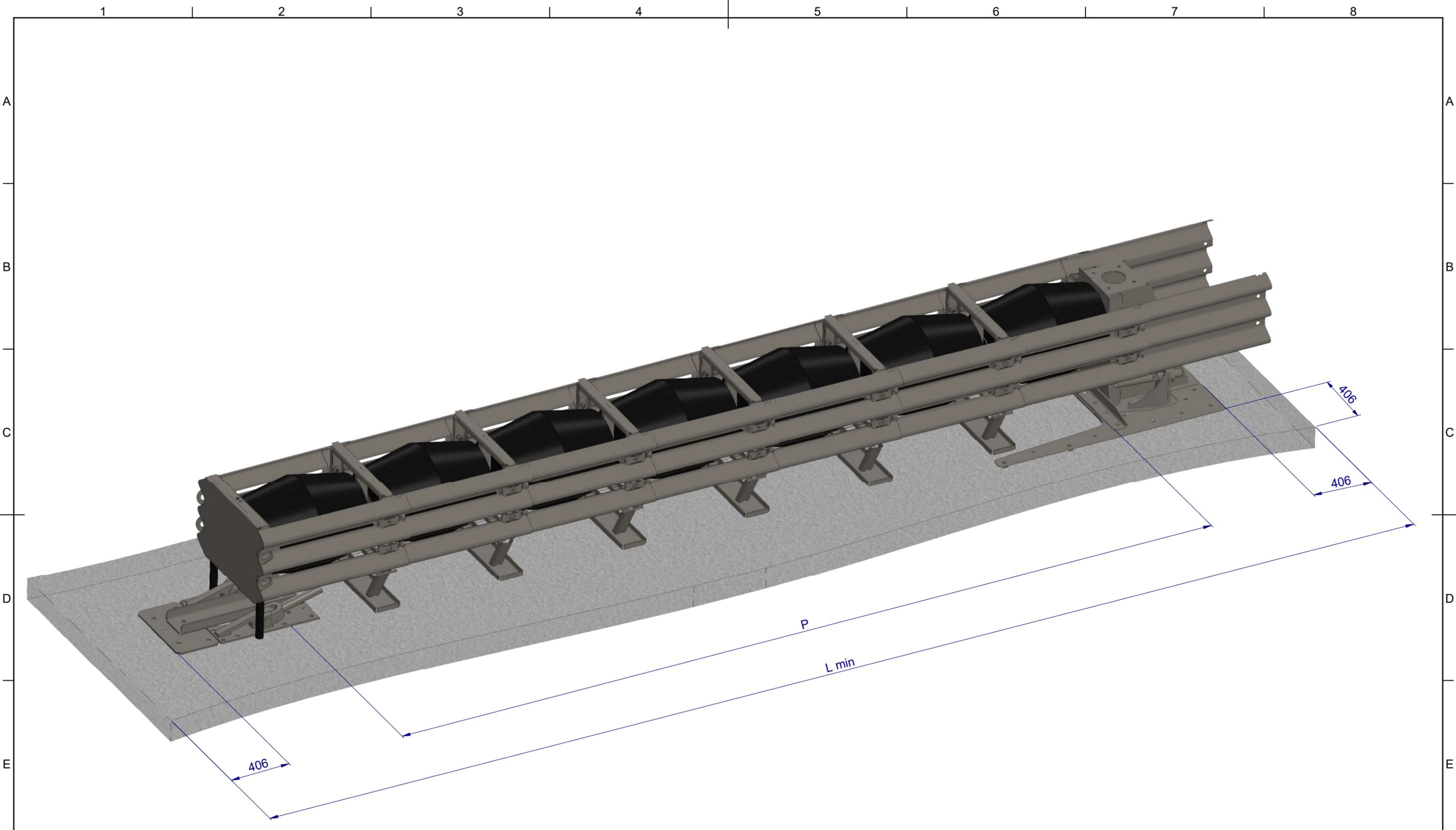


Front Elevation View

All Rebar is  $\varnothing$  15mm.

Test Level	P	L min
TL-2	3090	4675
TL-3	5690	7264

MATERIAL:		 <p><b>SafeDirection</b> CRASH BARRIER SOLUTIONS</p> <p><small>COPYRIGHT All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission.</small></p>	TITLE: <b>TAU-M Foundation Concrete Pad</b>	
FINISH:			DWG TYPE: <b>Detail Drawing</b>	
STATUS	NAME	DATE	<small>UNLESS OTHERWISE SPECIFIED: GENERAL TOLERANCES: <math>\pm 0.5</math>mm ALL DIMENSIONS ARE IN: mm</small>	<small>THIRD ANGLE PROJECTION</small>
DRAWN	J. An	25/07/2023		
CHK'D	T. Colquhoun	25/07/2023		
APPV'D	H. Wallace	25/07/2023	STATUS: <b>APPROVED</b>	<small>DO NOT SCALE DRAWING</small> SCALE: 1:20 SHEET 2 of 3



Dimetric View

Test Level	P	L min
TL-2	3090	5463
TL-3	5690	8052

MATERIAL:		 <p><b>SafeDirection</b> CRASH BARRIER SOLUTIONS</p> <p><small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission.</small></p>	TITLE: <b>TAU-M Foundation Asphalt</b>	
FINISH:			DWG TYPE: <b>Detail Drawing</b>	
STATUS	NAME	DATE	DWG NO. <b>SD-RB-09005</b>	
DRAWN	J. An	25/07/2023	REVISION: <b>A</b>	SHEET SIZE: <b>A3</b>
CHK'D	T. Colquhoun	25/07/2023	SCALE: <b>1:22</b>	
APPV'D	H. Wallace	25/07/2023	WEIGHT:	SHEET <b>3 of 3</b>
		UNLESS OTHERWISE SPECIFIED: GENERAL TOLERANCES: ±0.5mm ALL DIMENSIONS ARE IN: mm	 <b>THIRD ANGLE PROJECTION</b>	
		STATUS: <b>APPROVED</b>	<small>DO NOT SCALE DRAWING</small>	