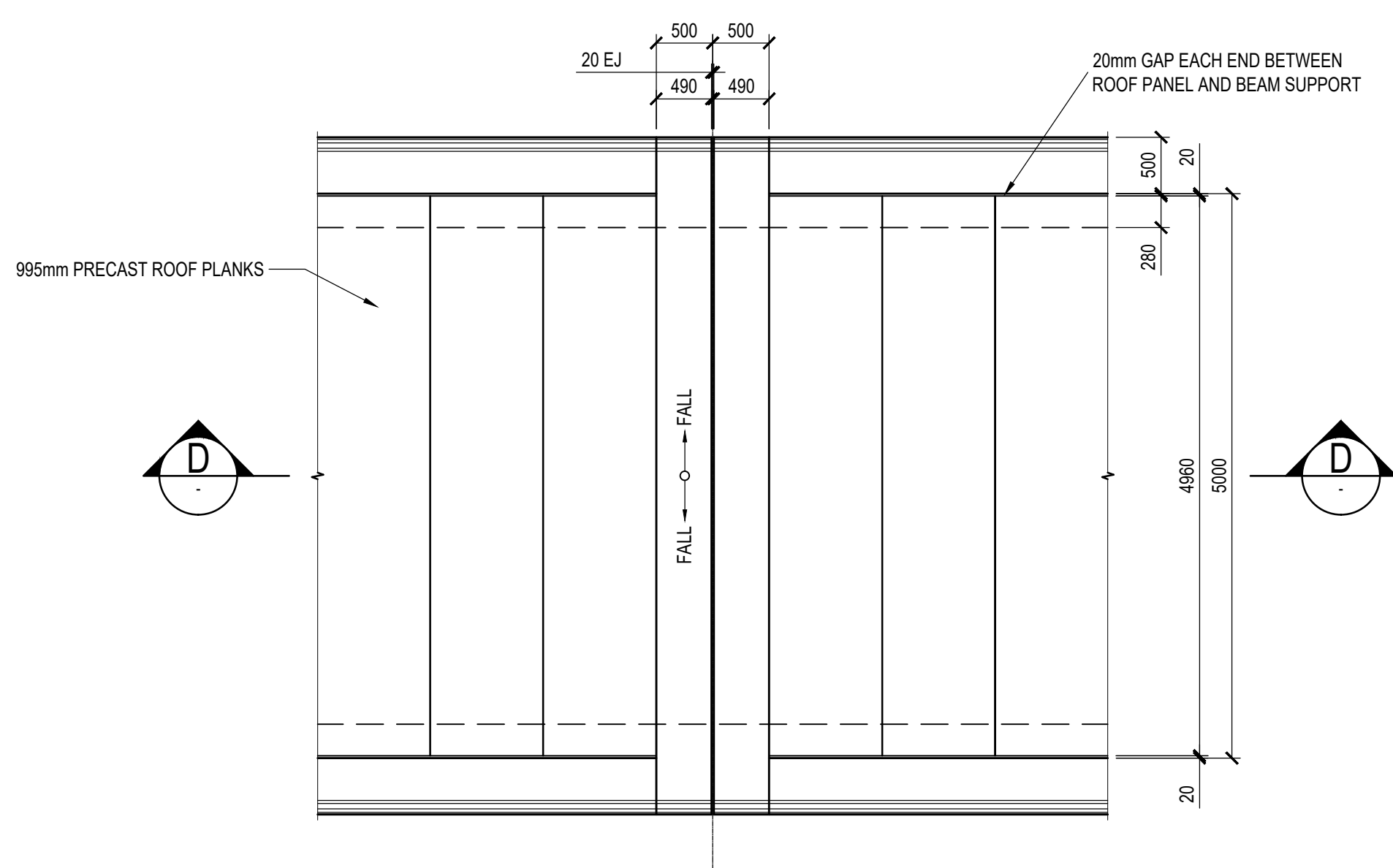
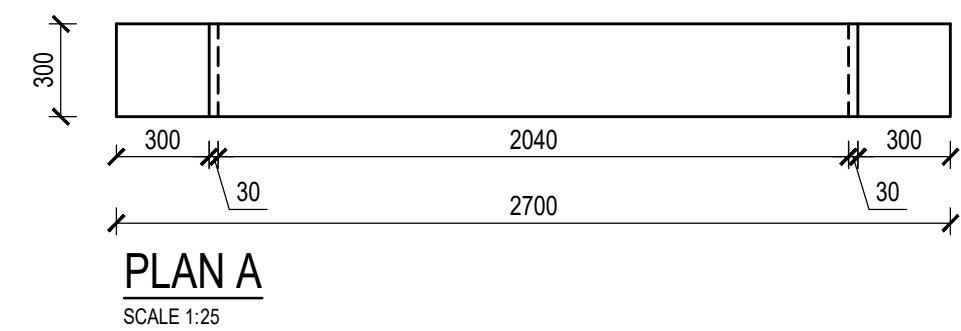


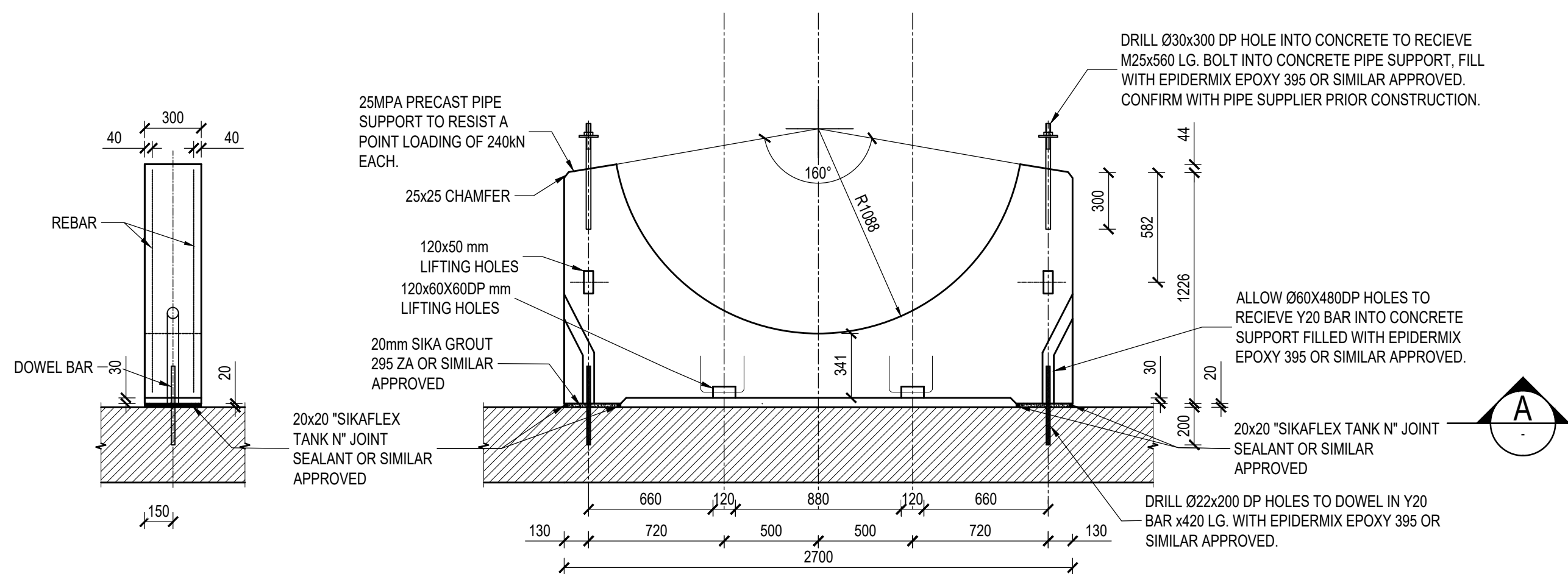
SECTION D  
SCALE 1:25



DETAIL 1  
SCALE 1:50



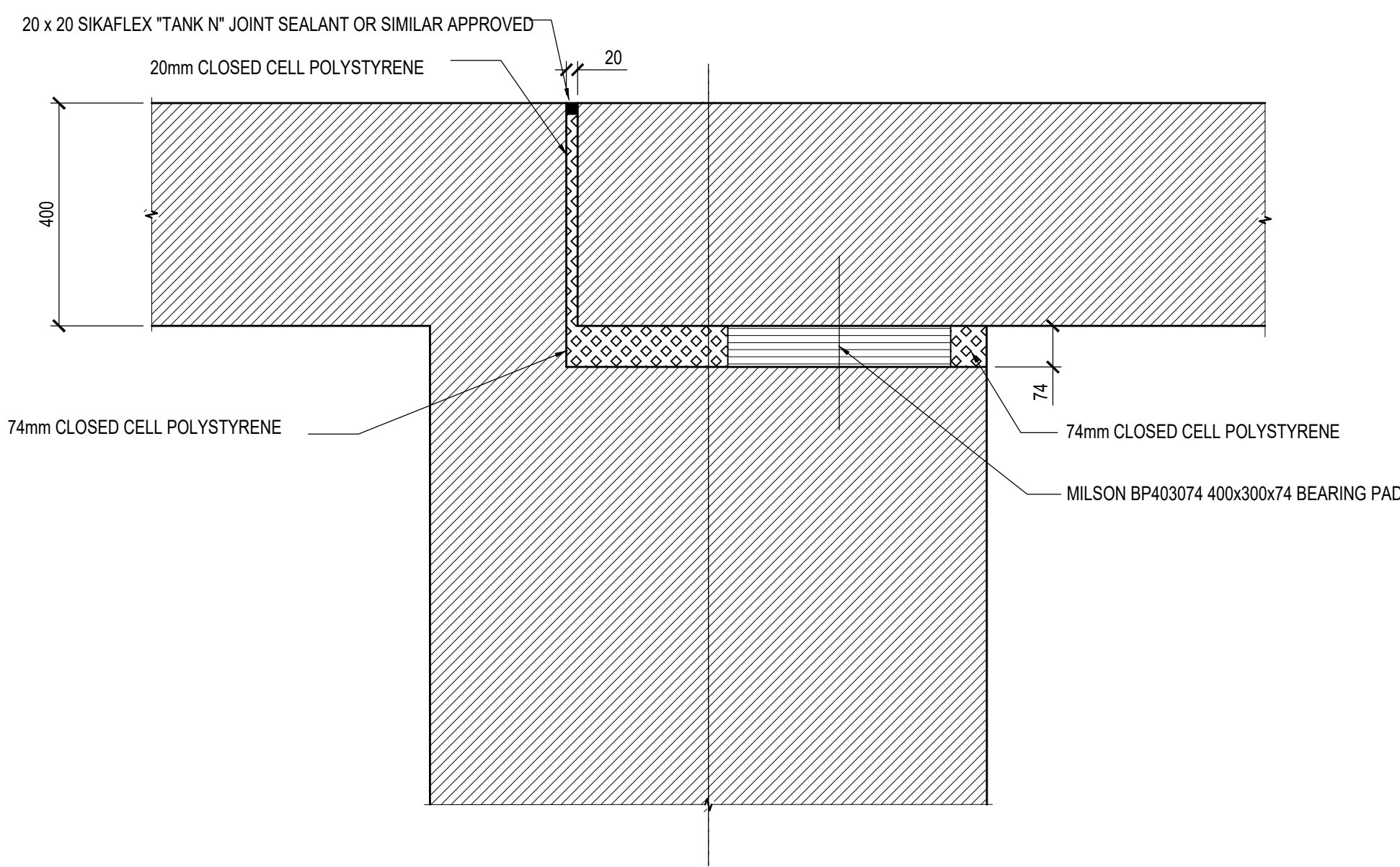
PLAN A  
SCALE 1:25



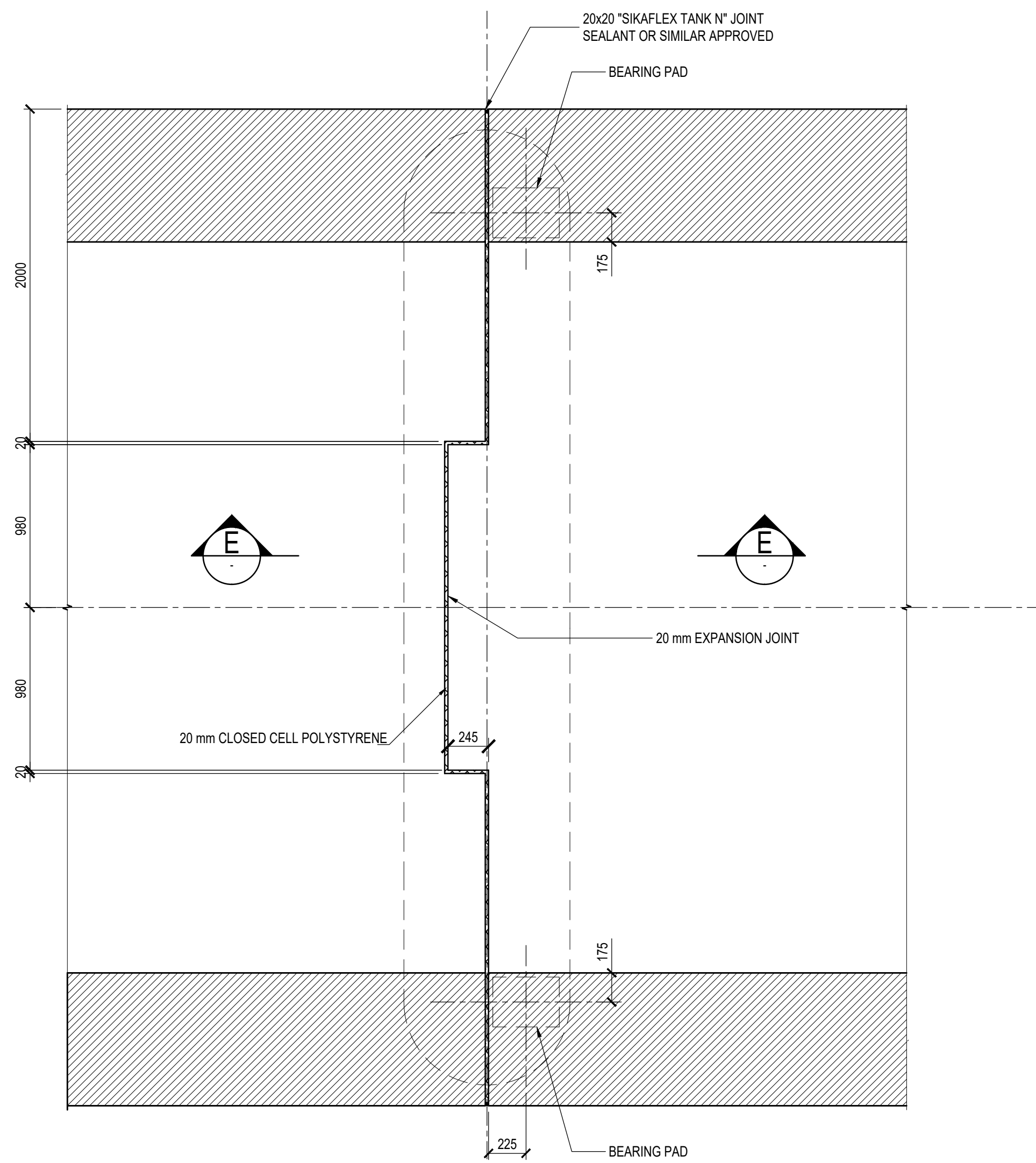
ELEVATION  
SCALE 1:25

SECTION  
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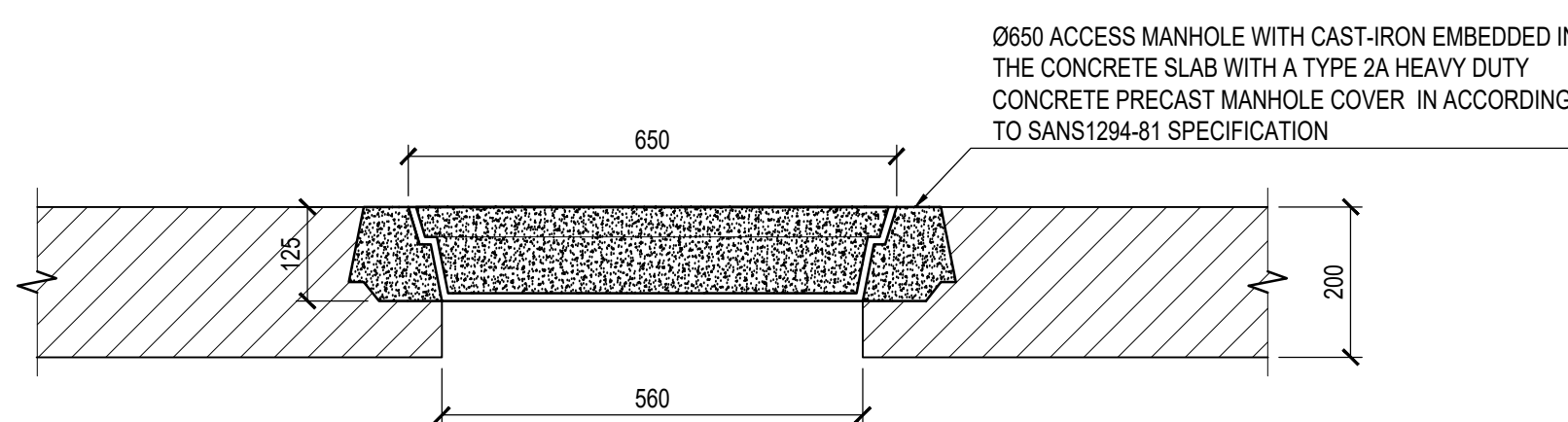
TYPICAL PIPE SUPPORT DETAIL  
SCALE 1:25



SECTION E  
SCALE 1:10



TYP. EXPANSION JOINT DETAIL  
SCALE 1:25



PRECAST COVER AND FRAME DETAIL  
SCALE 1:10

NOTES: REINFORCED CONCRETE

1. THE APPLICABLE STANDARD SPECIFICATION IS SANS 12006 - 1982 WHICH SHOULD BE READ IN CONJUNCTION WITH THE VARIATIONS AND ADDITIONS CONTAINED IN THE MBA PROJECT SPECIFICATION FOR CONCRETE (STRUCTURAL).

2. CONCRETE COVER TO REINFORCEMENT AND CONCRETE STRENGTH TO BE AS INDICATED BELOW. COVER IS GIVEN TO THE NEAREST FACE. MINIMUM BAR COVER TO BE MAXIMUM OF BAR DIAMETER AND AS SHOWN BELOW. SPECIFIED COVER TO BE MAINTAINED USING CEMENT MORTAR COVER BLOCKS OR APPROVED PLASTIC SPACERS.

ELEMENT	CONCRETE STRENGTH AT 28 DAYS (MPa)	COVER mm
FOUNDATIONS	30	50
COLUMNS	30	45
BEAMS	30	45
SLABS	30	45
WALLS	30	45
PLANKS	40	30

3. ALL AGGREGATE TO BE 19mm UNLESS OTHERWISE SPECIFIED.

4. CONCRETE DESIGN MIXES TO BE SUBMITTED TO ENGINEER FOR COMMENTS PRIOR TO CONSTRUCTION.

5. CUBE TESTS TO BE CARRIED OUT ON SITE AND LOGGED WITH POSITION AND DATE. CUBES TO BE TAKEN FOR EACH TYPE OF ELEMENT, AT LEAST ONE SET DAILY AND AT LEAST ONE SET EVERY 50m<sup>3</sup>.

6. REINFORCEMENT TO BE IN ACCORDANCE WITH SANS 820 AND SHALL BE SENT IN ACCORDANCE WITH SANS 82.

7. ALL CAST IN ITEMS SHALL BE FREE OF OIL, GREASE, DIRT OR ANY OTHER MATERIAL WHICH MAY IMPAIR THE BOND WITH THE CONCRETE. CONTRACTOR TO REFER TO ARCHITECT/SPECIALIST DRAWINGS FOR DETAIL POSITIONS OF OPENINGS, SLEEVES, CONDUITING, ETC. FOR STORMWATER SEWERAGE AND OTHER SERVICES.

8. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE GROUND BEARING CAPACITY OF 100 kPa.

9. ALL FOUNDATION EXCAVATIONS TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETING.

10. REMOVAL OF FORMWORK TO BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR BACK-PROPPING ON MULTI-STOREY SLAB CONSTRUCTION.

11. ALL EXPOSED CORNERS TO BE CHAMFERED 25x25 O.U.N.

CONSULTANTS DWG NO

13247-02/S/015/A

DRAWING No.

JW14455

PROJECT No.

DRAWING No.

REV.

A0

SHEET


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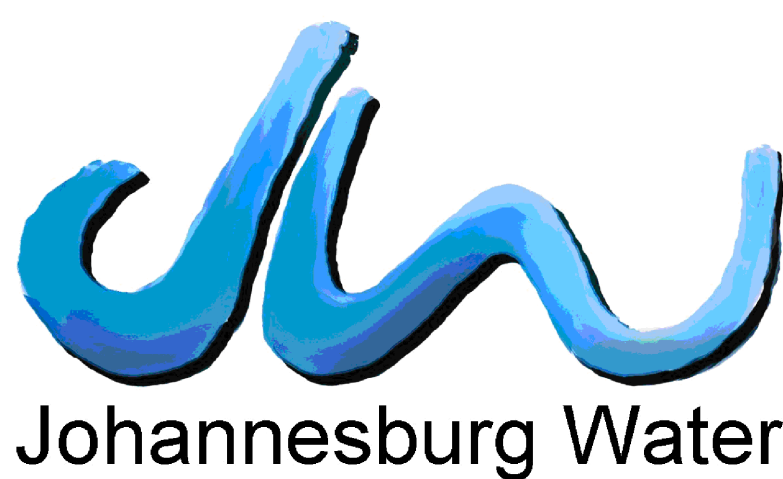
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 INFRASTRUCTURE CONSULTING Tel: 085196mba (543033) email: info@themba-africa.com	DESIGNED	KB	10/02/2021
	DRAWN	WM	30/09/2024
	CHECKED	LD	30/09/2024
	APPROVED BY:		
CLIENT JOHANNESBURG WATER TURBINE HACC 62 NTEMI PICISO STREET NEW TOWN	ECSA REG. No.	SIGNATURE	DATE
	CHECKED BY:		
		SIGNATURE	DATE



TURBINE HACC  
62 NTEMI PICISO STREET  
NEWTOWN

TEL: (011) 688-1400  
FAX: (011) 688-1521



DIEPSLOOT SEWAGE AQUEDUCT PHASE 1,2,&3  
BRIDGE 2

DETAILS

SURVEY INFORMATION

PROJECT SURVEYOR:

DATE:

CCTV INFORMATION

CCTV COMPANY:

DATE:

APPROVAL BY JW DEPOT

CHECKED

APPROVED BY:

SIGNATURE

DATE

SCALE

AS SHOWN

REV:

A

AMENDMENTS

DESCRIPTION

DATE:

ISSUED FOR TENDER 30/09/2024

APPROVAL BY JW PLANNING

CHECKED

APPROVED BY:

SIGNATURE

DATE