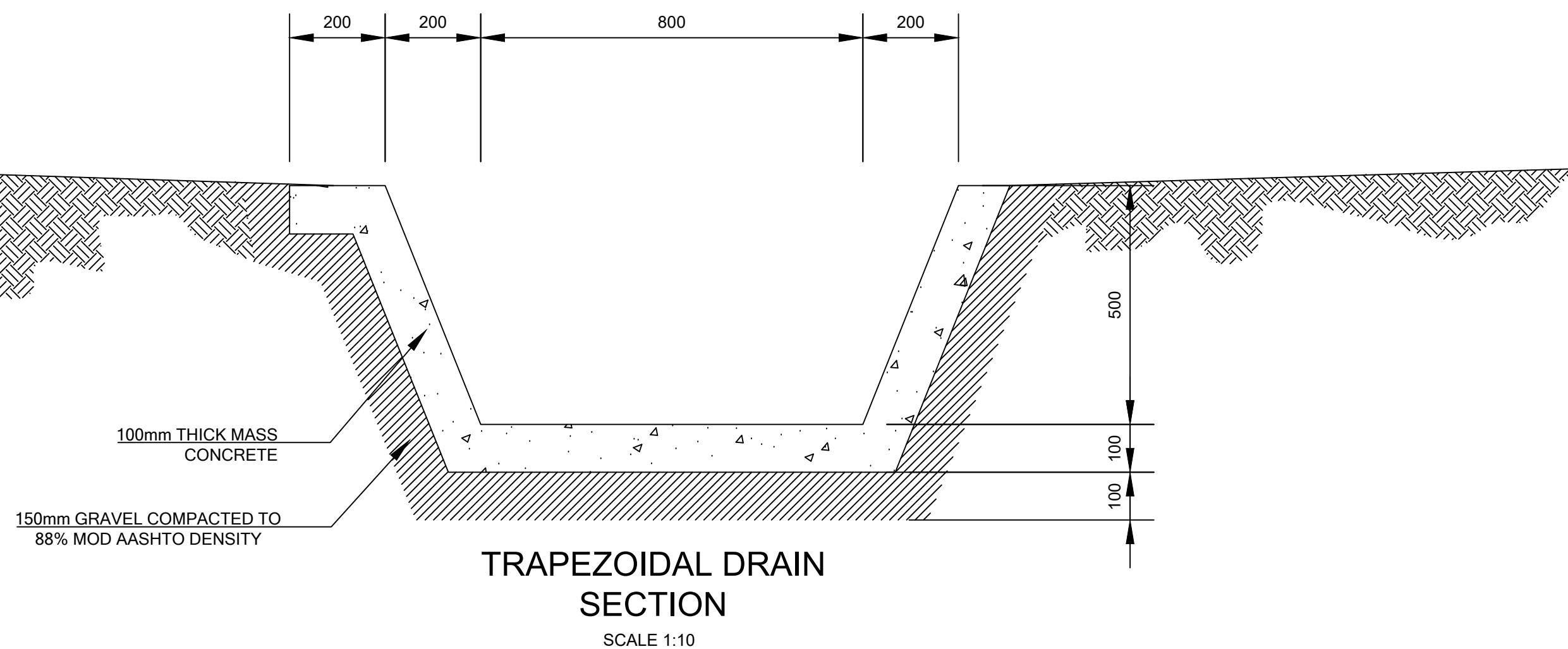
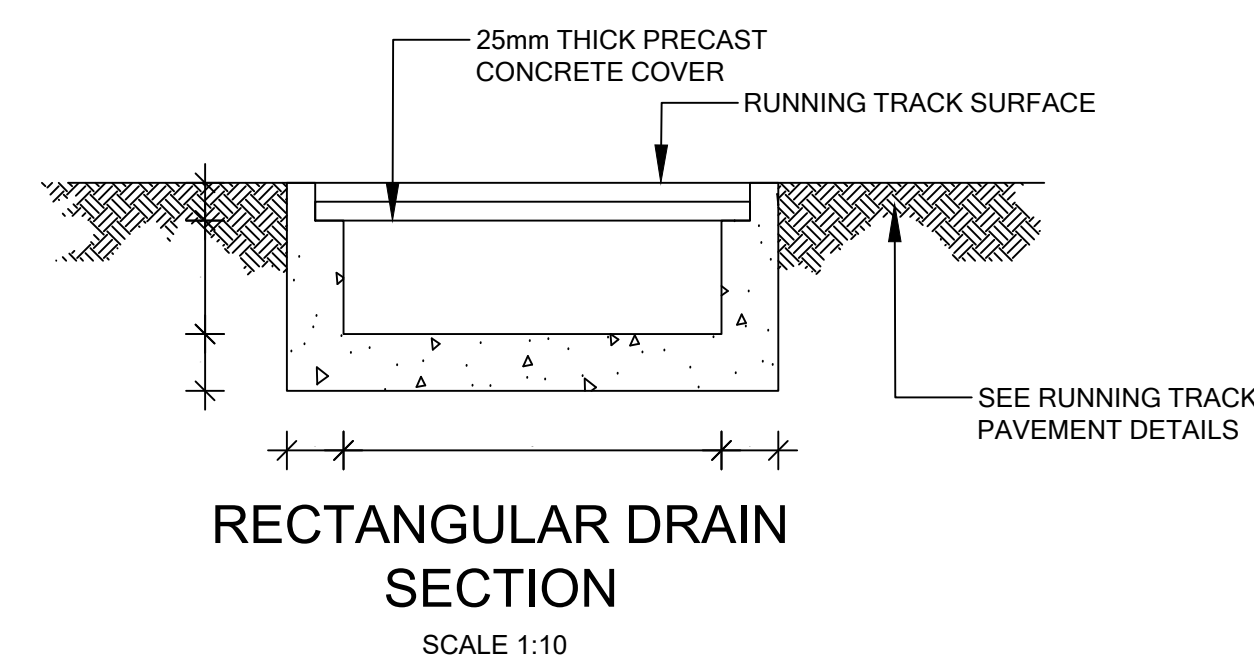
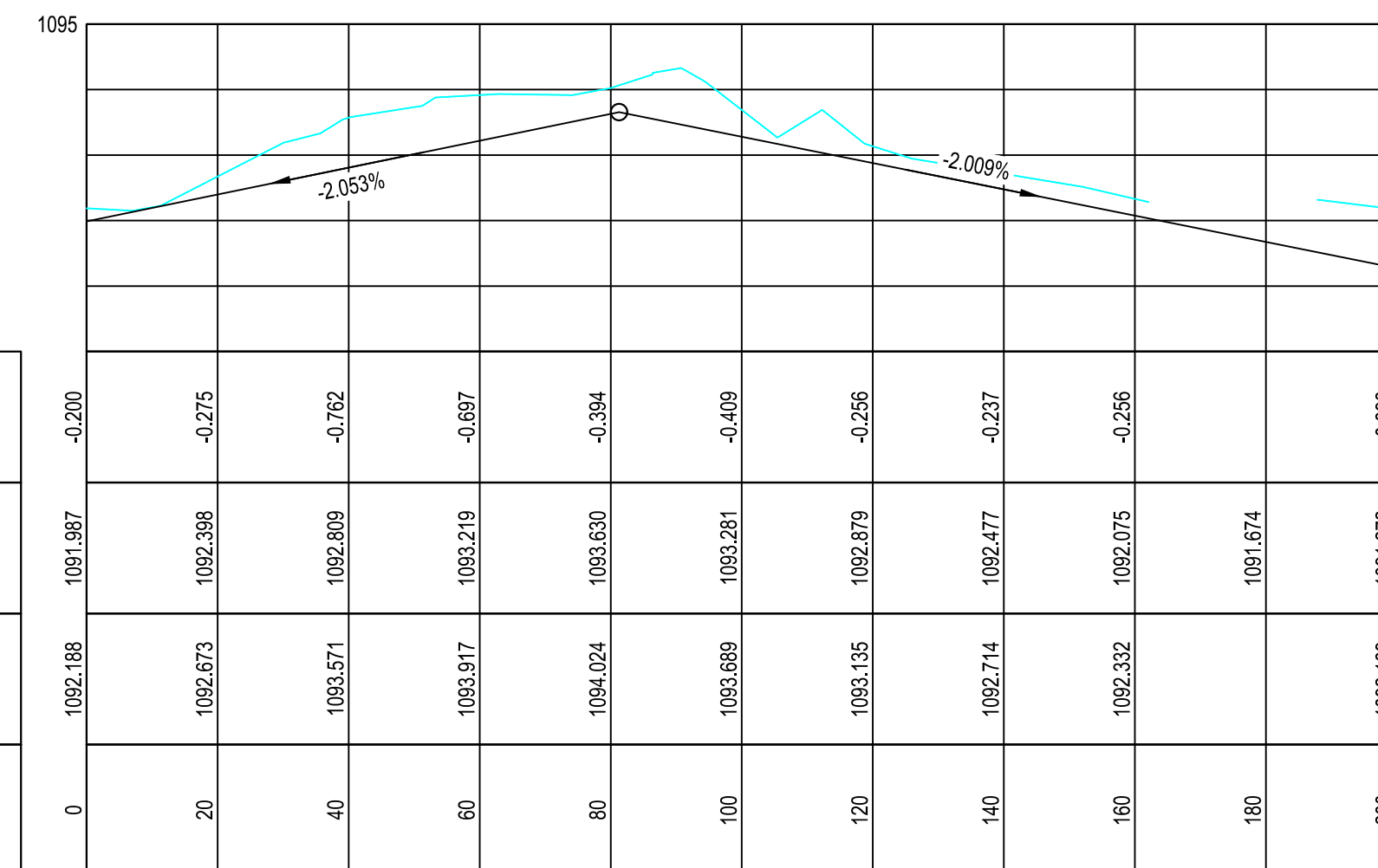
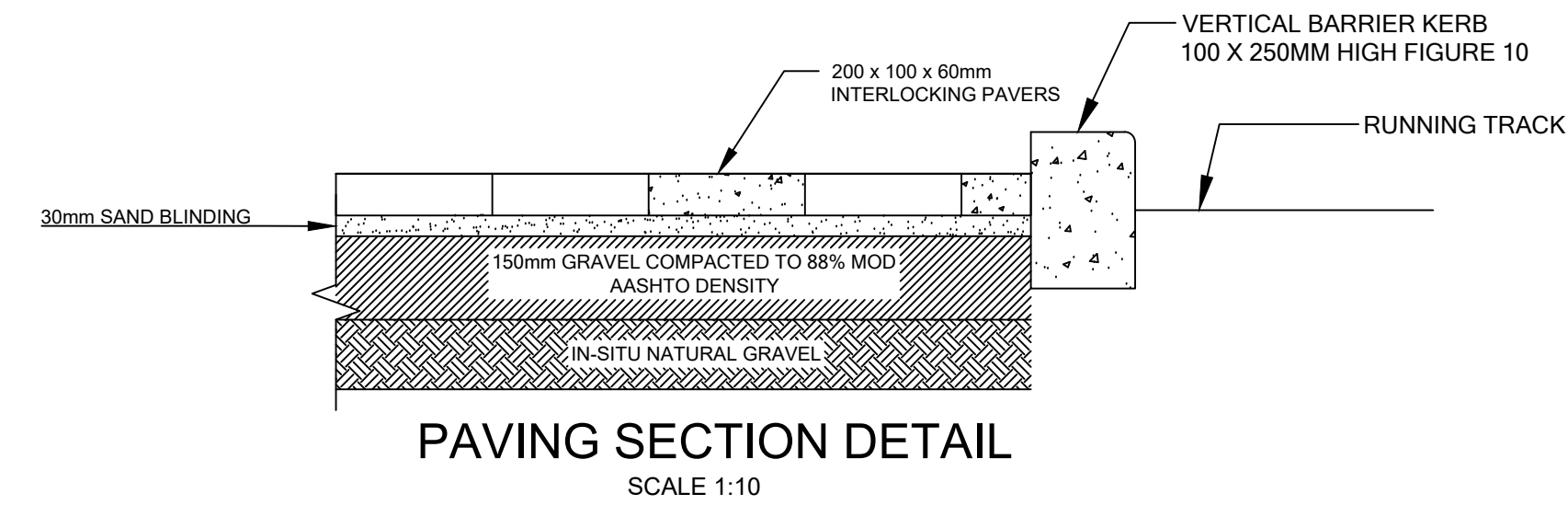
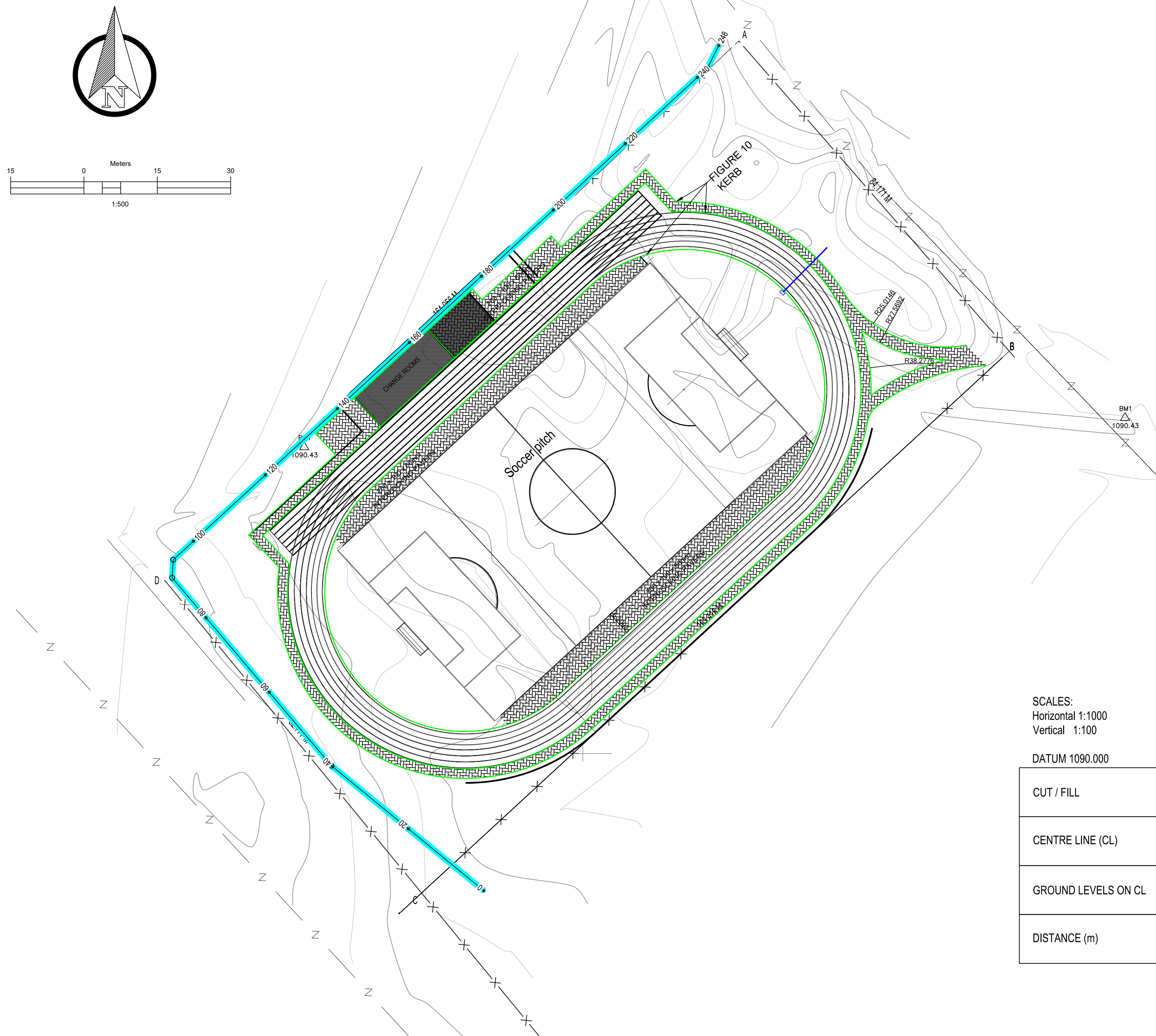
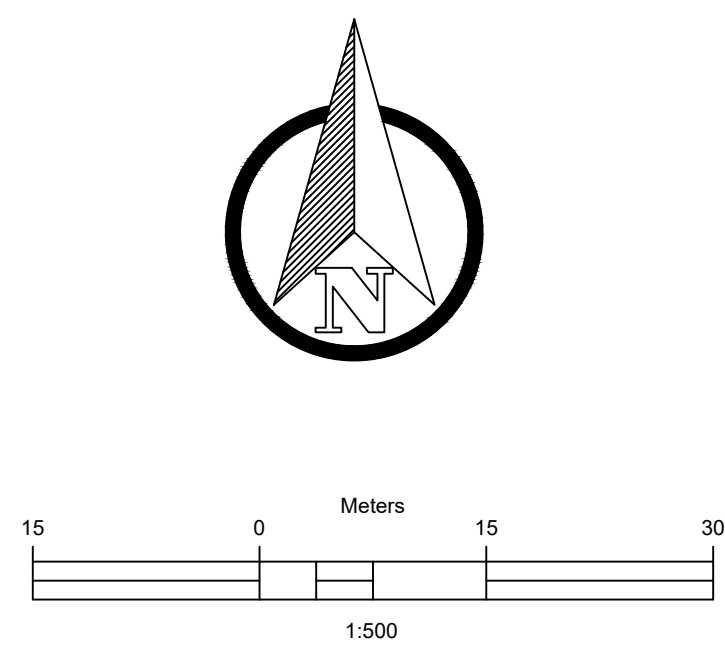




**DRAWING FOR
INFORMATION**

GENERAL NOTES

1. Construction notes

Contractor must proceed on site prior to the approval of drawings by the local authority. Any building work that commenced prior to the building plan approval is completely at the owner's own risk.

The Architect and Engineer must not be held responsible for any loss or damage whatsoever that may result from building works without approved building plans. Contractor to verify all levels, heights and dimensions on site and to check same against the drawings before putting any work in hand. Levels are approximate and must be confirmed by the contractor prior to starting construction. Relative floor levels must be determined after the installation of master datum.

Any discrepancies on drawing must be pointed out by the contractor to the Architect prior to commencing construction.

Contractor responsible for correct setting out of the buildings, all external walls with particular reference to boundaries, building lines etc. Any errors, discrepancies or omissions to be reported to the Architect and Engineer immediately.

Contractor to be responsible for obtaining all necessary approvals from the local authority for full satisfaction in compliance with Local authority by-law and regulations.

Burnt clay bricks only can be used unless special approval is obtained from the Architect.

2. Conditions

Conditions: The civil/structural engineer is responsible for soil test.

2.1. General notes

The following level of compliance to SANS and NBR standards may be required from the Contractor by the Architect:

FOUNDATION CERTIFICATE: Engineer.
DPC: Council Inspector.
PLUMBING AND DRAINAGE: Specialist Sub-contractor.
ELECTRICAL INSTALLATION: Specialist Sub-contractor.
TRAFFIC AND ROAD MARKINGS: Engineer.
FIRE SAFETY CERTIFICATE: Specialist and/or Engineer.
ROOF STRUCTURE: Specialist.
CONCRETE SLAB: Specialist Sub-contractor.
WATERPROOFING: Specialist Sub-contractor.
GLAZING: Specialist contractor.

2.2. Materials and Finishes Notes

All finishing products such as windows, frames, roof, tiles, cornices, etc. must be approved by the Architect before ordering and installation.

Contractor must comply with SANS standards and all Architect's Requirements.

Quality of all materials and workmanship to comply with the relevant SANS and SANS specifications. All small contract items must comply with the Standard Specifications in the Bill of Quantities available for perusal at the Architects office.

Contractor is to build an approved parapet where or on these and all window, door, glazing or external walls at each floor, beam, bays and level to be as shown, over, drawn or indicated on drawings. All partition work to comply with SANS 501 or NBR.

2.3. Building standards

Contractor must comply to the National Building Regulations and SANS 501 and 502.

Drawings may not be scaled for construction purposes. Figure dimensions should be used at all times.

All drawings must be read in conjunction with its one another.

Notes reflected on drawings apply to the entire project and works.

Any discrepancies on drawings must be pointed out by the contractor to the Architect prior to construction and submission of tenders. It is the duty of the contractor to inspect all drawings and specifications and to protect these items from damage throughout the duration of works.

5. Construction notes

All measurements must be checked and confirmed against the drawings on the following day any work commences according to the drawings, any irregularities must immediately be pointed out to the architect.

This drawing is to be read in conjunction with the relevant architect's and engineer's drawings.

Any discrepancy shall be brought to the attention of the engineer, without delay, for clarification.

Only written dimensions and/or levels shall be used. This drawing is not to be scaled.

Concrete strength shall be:

A.	SLABS:	25 MPa
B.	BEAMS:	25 MPa
C.	STANCHIONS:	25 MPa
D.	PILECAPS & GROUND BEAMS	25 MPa
E.	STRIP FOOTINGS & BEAMS	25 MPa
F.	COLUMNS, SHEAR & PILL WALLS	30 MPa
G.	RETAINING WALLS	30 MPa
H.	SURFACE BEDS	10 MPa
I.	BLINDING	30 MPa

Consent to reinforcement is as indicated on drawing

All foundation excavations to be inspected by the engineer prior to casting of concrete

Six cubed to be taken per pour. Three to be tested at seven days, the remainder at twenty-eight days. The results to be forwarded to the engineer.

Contributor to control of twisting length of wall conditions result in reinforcement not being maintained.

All structural concrete to be cast for a minimum of five days.

Brickwork shown hatched are to be loaded.

All load bearing brickwork to be 14MPa NFA

All of each blockwork to be reinforced 2 layers of 3 PLY embedded on smooth rendered surface.

A concrete mixer shall be used for a concrete of 3.0 MPa.

All extra bricks laid to be stockpiled 2 courses below soffits slabs and completed after props have been removed.

All concrete slabs and brickwork steps inter-faces to receive v-joints.

The engineer requires 24 hours notice for all inspections.

The minimum compressive strength of masonry to blockwork must be as per class 1 mortar according to table 1 SABS 0164 part 1-1980.

LEGEND

Rectangular Drain

Trapezoidal Drain

Kerb Line

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CIVIL AND STRUCTURAL



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HOUWES, CENTURION

PROJECT TITLE :
PROPOSED MAHWELERENG SPORTS
FIELD MAKOPANE, ERF 2273

CLIENT :
WATERBERG TVEL COLLEGE

DRAWING TITLE:
SPORTS FIELD CUT-OFF DRAINAGE LAYOUT

DRAWN BY : N. MOTSA	DATE : 12/08/2026
CHECKED BY: L. DLAMINI	DATE : 12/08/2026
SCALE : AS SHOWN	
RESPONSIBLE PROFESSIONAL: L. DLAMINI	

REVISIONS:

No.	Date	Description	In
SIZE A1	DRAWING NUMBER WTC_DR_001Ly		REVISION 00