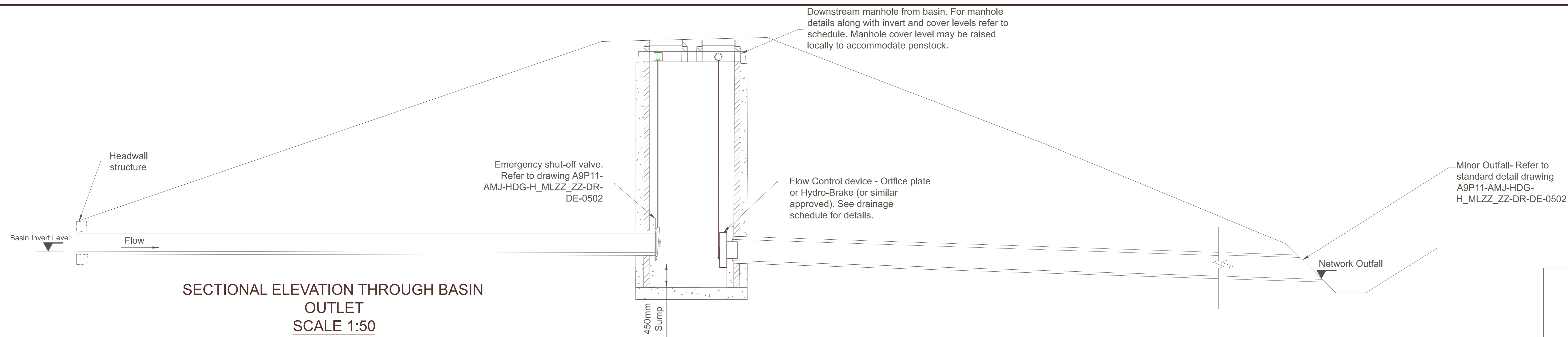


DO NOT SCALE

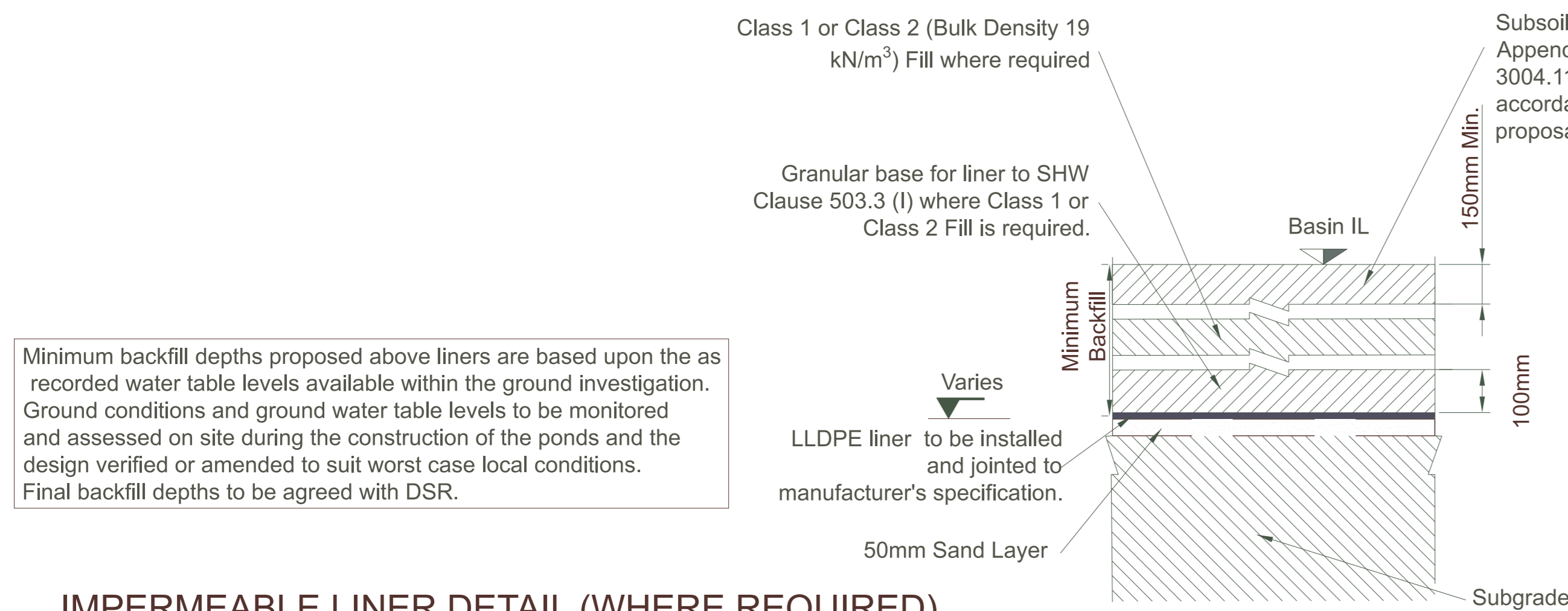
Millimetres

0 10

100

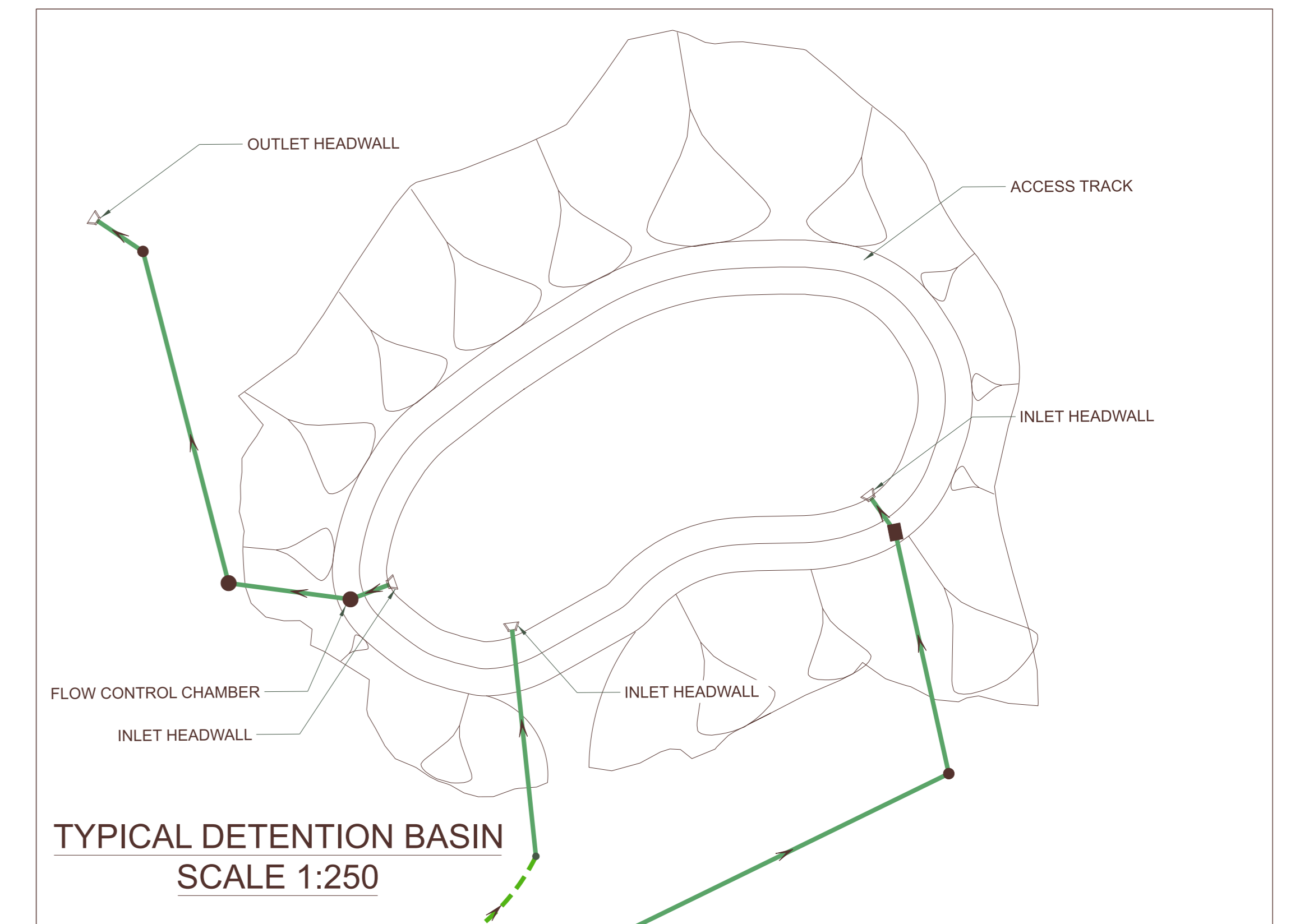


SECTIONAL ELEVATION THROUGH BASIN OUTLET
SCALE 1:50

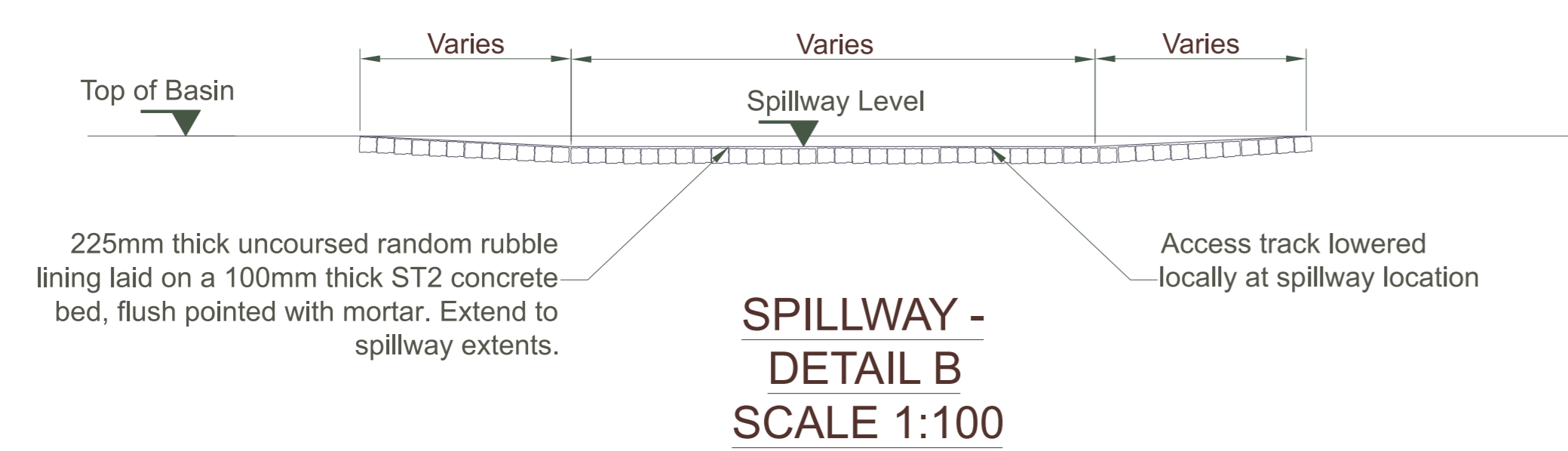


IMPERMEABLE LINER DETAIL (WHERE REQUIRED)
SCALE 1:10

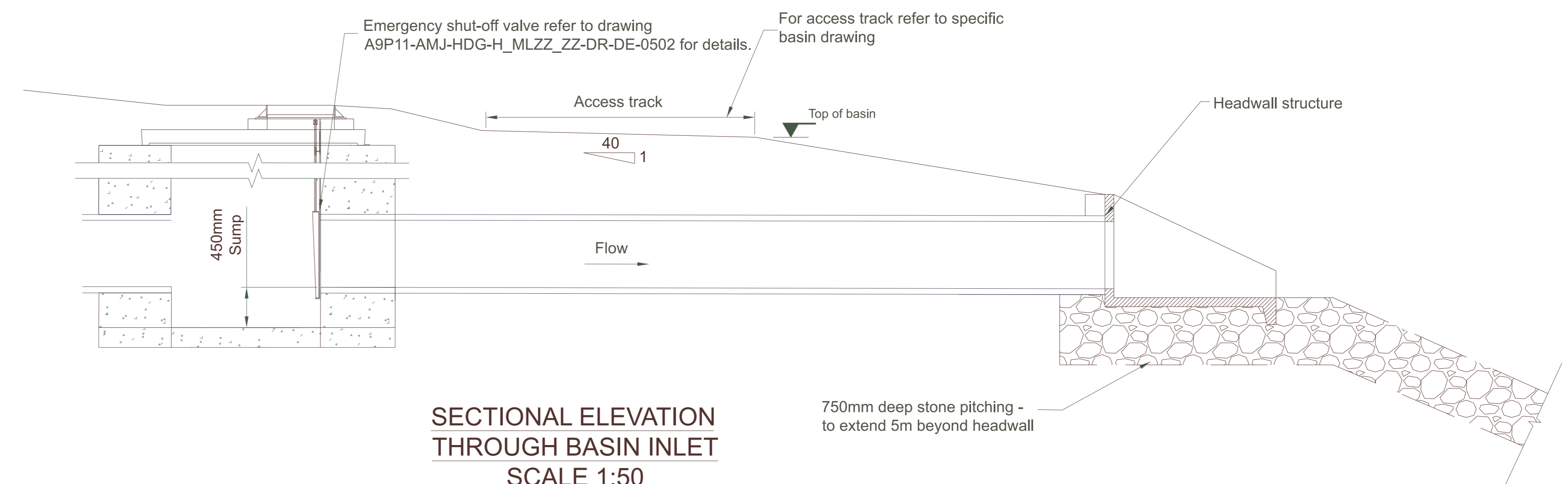
- Detention Basin Notes:**
- Final shaping of the SuDS detention basins on-site shall be undertaken in consultation with the Designer's Landscape Architect.
 - The SuDS detention basins shall be constructed to:
 - avoid abrupt changes in slope, sharp angles and steep side slopes;
 - include grading out of the outer slopes to varied slope angles to tie in with the surrounding landform;
 - be constructed with gradients of the inner slopes varied along their length to reflect the naturally occurring topography of the immediate surroundings;
 - have bank slopes no greater than 1:3 at any point and shallower where possible with varied microtopography and avoiding straight batters;
 - include the localised compression and loosening of the soil to allow a variety of different plant communities to establish.



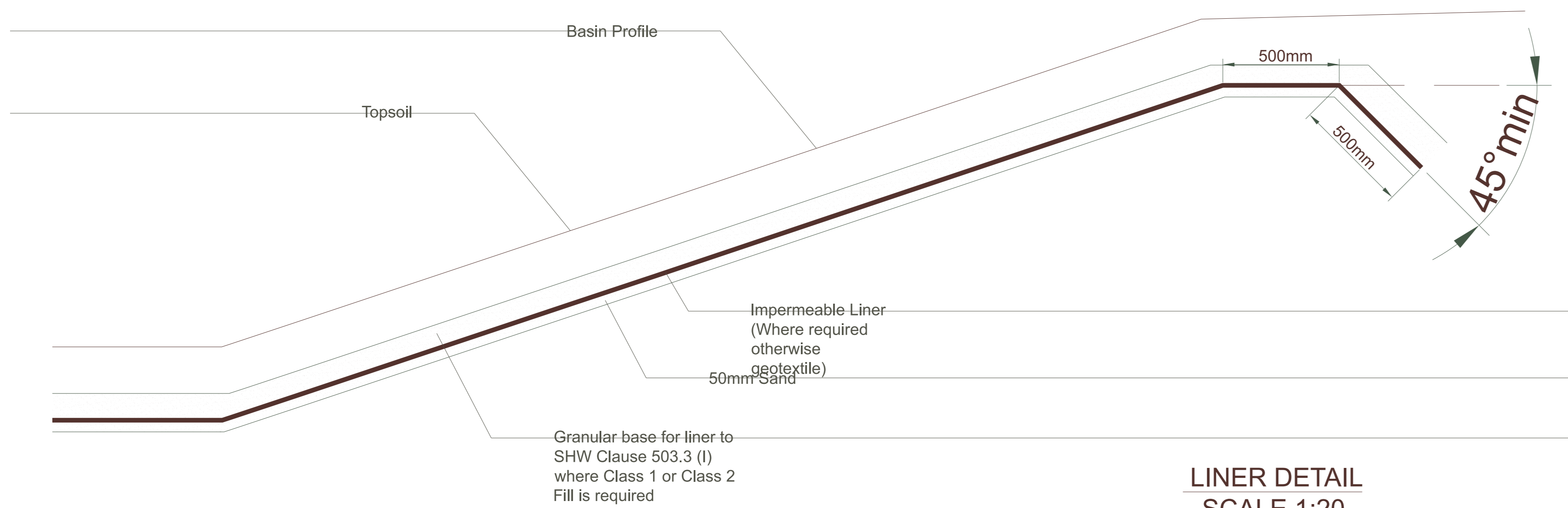
TYPICAL DETENTION BASIN
SCALE 1:250



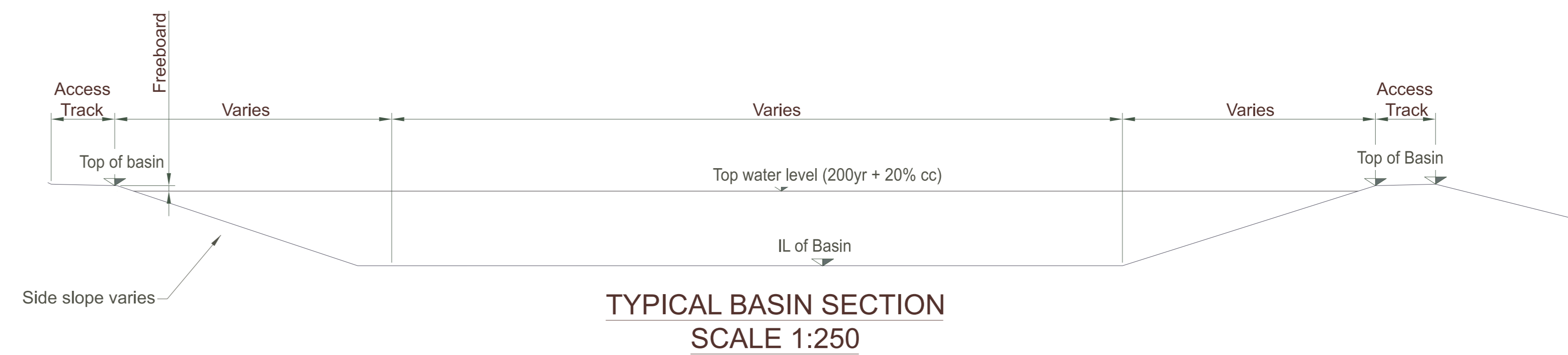
SPILLWAY - DETAIL B
SCALE 1:100



SECTIONAL ELEVATION THROUGH BASIN INLET
SCALE 1:50



LINER DETAIL
SCALE 1:20



TYPICAL BASIN SECTION
SCALE 1:250

- NOTES:**
- THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
 - ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED. THE PIPE DIAMETRES ARE IN MILLIMETRES. ONLY WRITTEN DIMENSIONS SHALL BE USED.
 - ALL BASINS DESIGNED IN ACCORDANCE WITH CIRIA C753 THE SUDS MANUAL.
 - ALL OUTFALLS TO COMPLY WITH HA107/04 (DESIGN OF OUTFALL AND CULVERT DETAILS REQUIREMENTS)
 - REFER TO DRAINAGE SCHEDULE FOR PIPE/ CATCHPIT DETAILS

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description	A3		MB	GL	PG	RHG	08/11/24
Stage 3 Report Issue							

Status: A3

AUTHORISED & ACCEPTED-STAGE 3

AtkinsRéalis **wsp**

Client: **TRANSPORT SCOTLAND** **COMHDHAIL ALBA**

Project Stage / Design Fix	DMRB Stage 3	State	Preliminary
Project Title	A83 Rest and Be Thankful		
Drawing Title	LONG TERM SOLUTION PREFERRED OPTION DETENTION BASIN TYPICAL DETAILS		
Drawing Number	A83AAB	Originator	AWJ
Project	LTS_GEN	Volume	HDG - DE-CD-000101
Location		Type	Number
Original Size	A1	Scale	AS SHOWN
Project Ref. No.	5204594	Sheet	1 of 1
Rev.	P01		