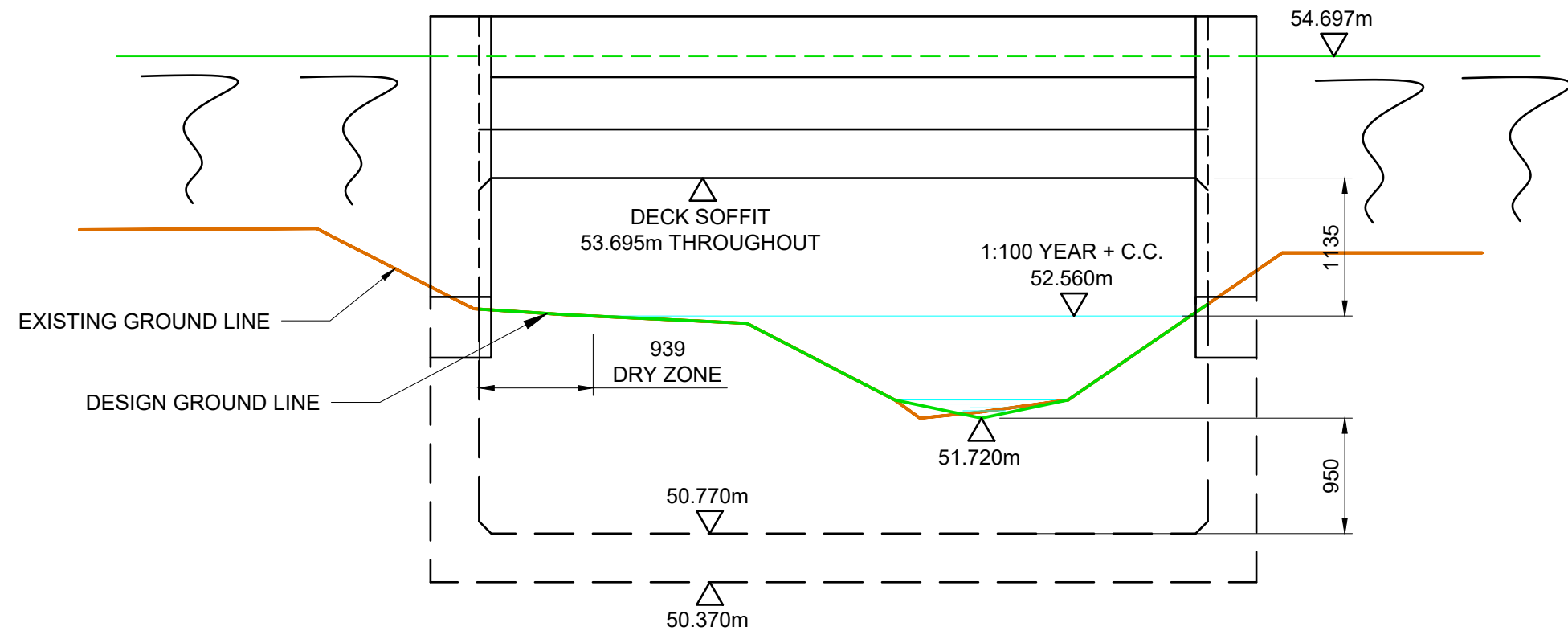
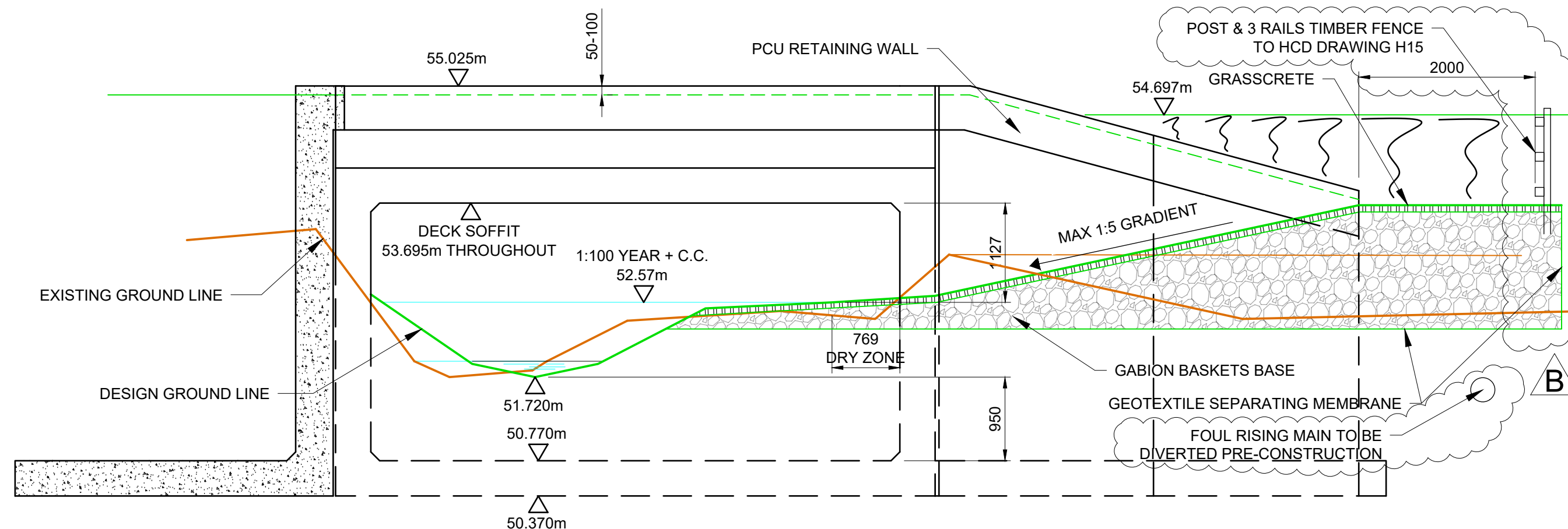




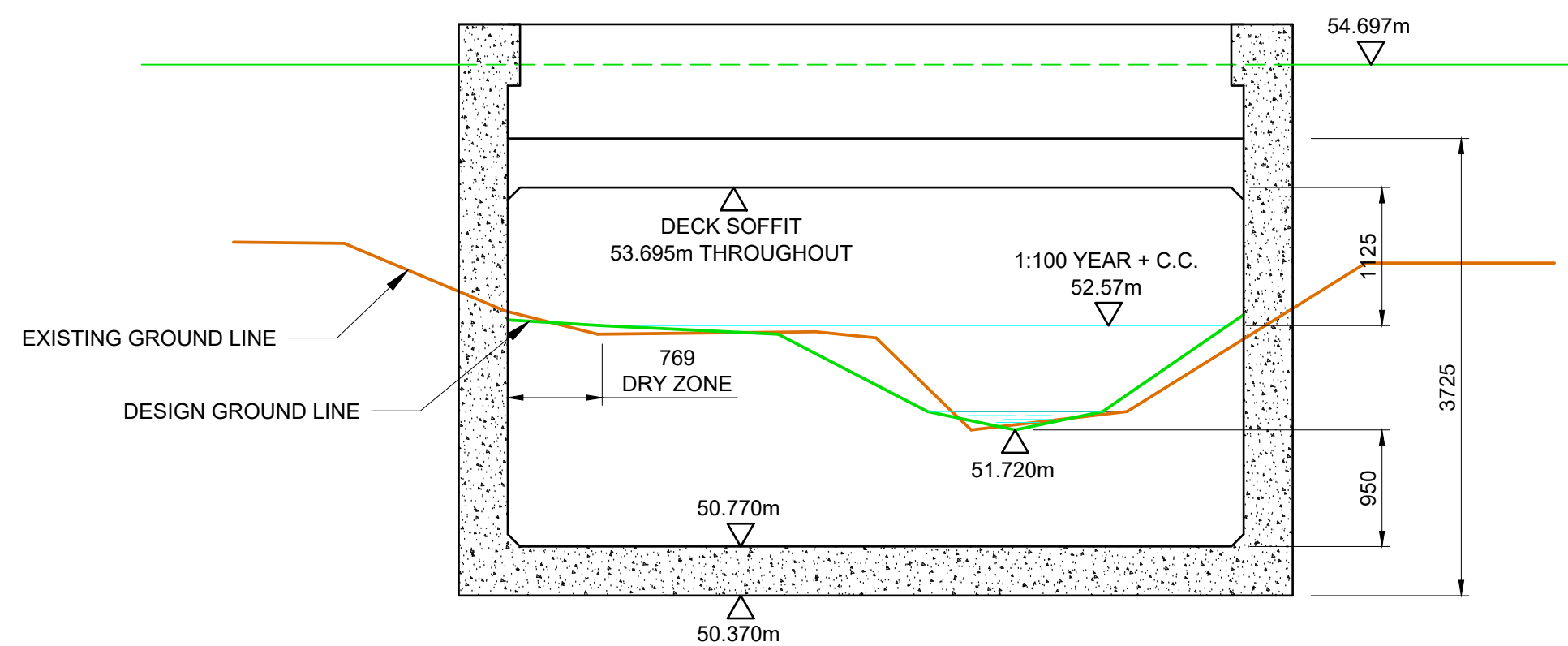
SECTION B-B - WEST ELEVATION

Scale 1:50



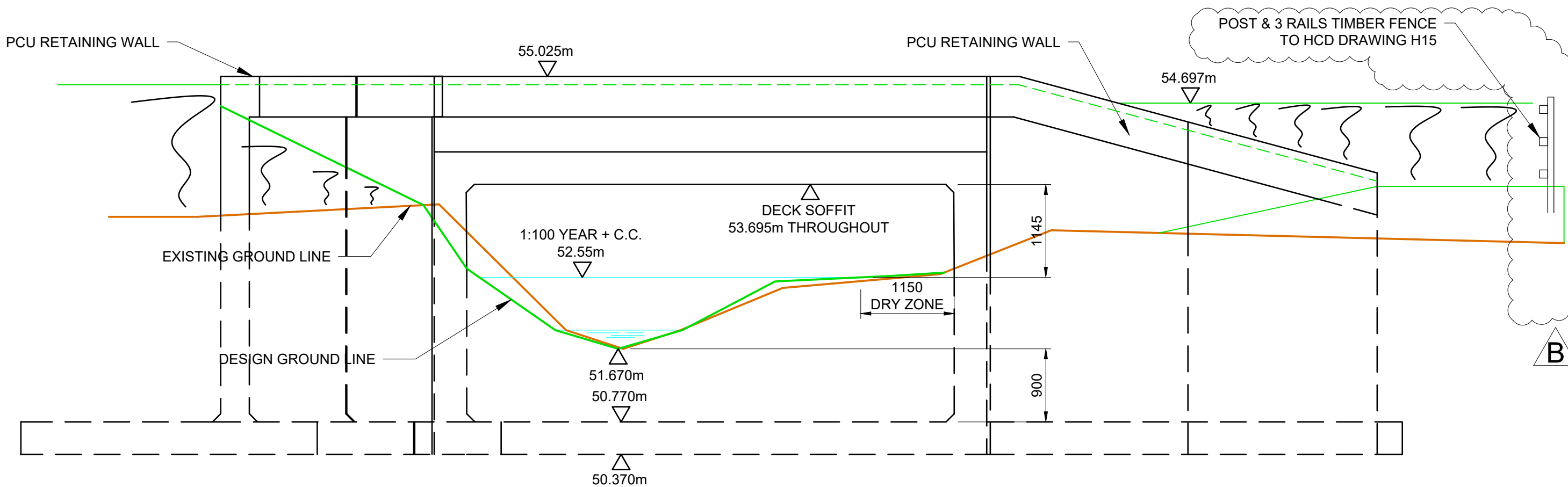
EAST ELEVATION E-E AT CULVERT PORTAL

Scale 1:50



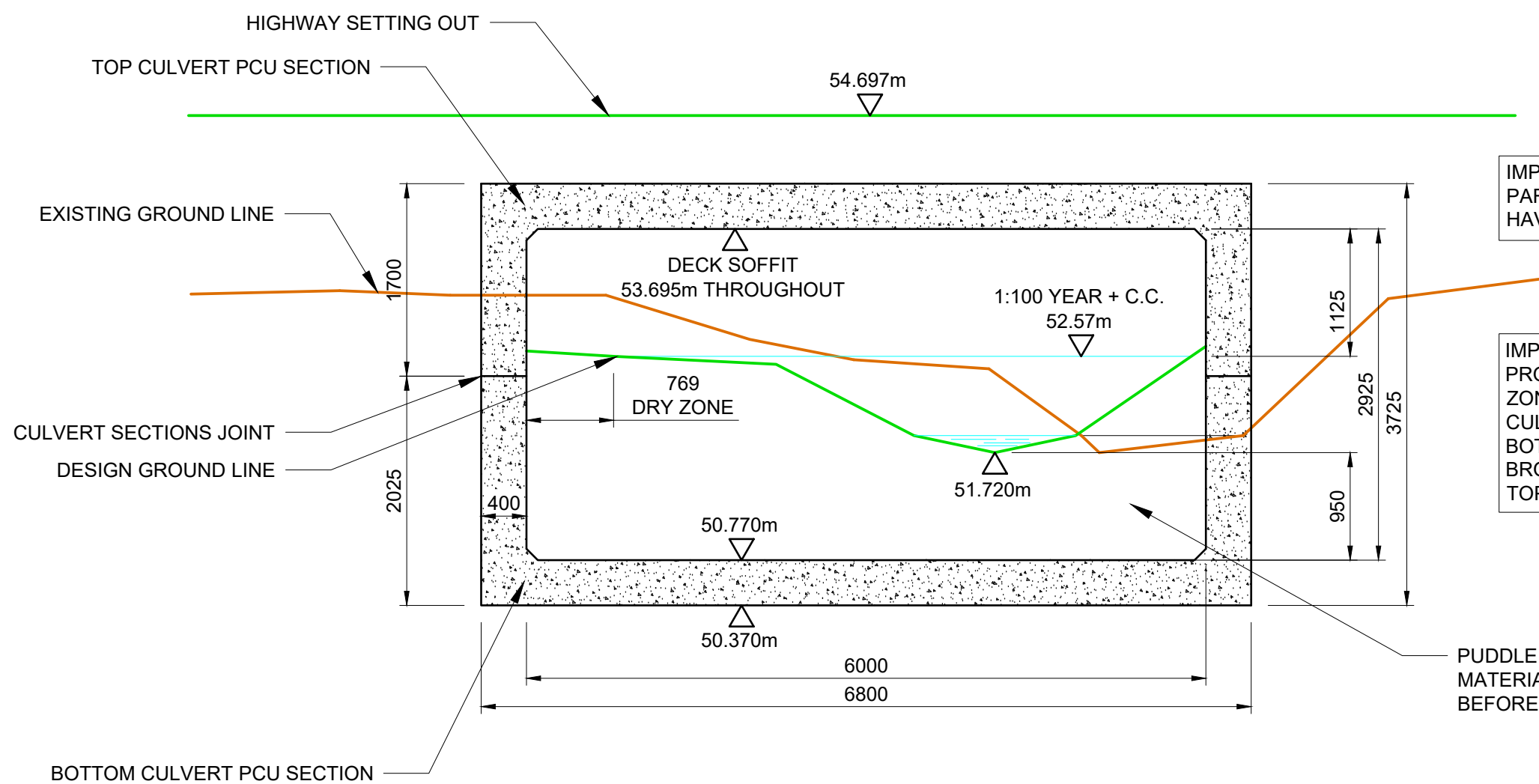
SECTION C-C

Scale 1:50



EAST ELEVATION F-F SHOWING WINGWALL EXTENT

Scale 1:50



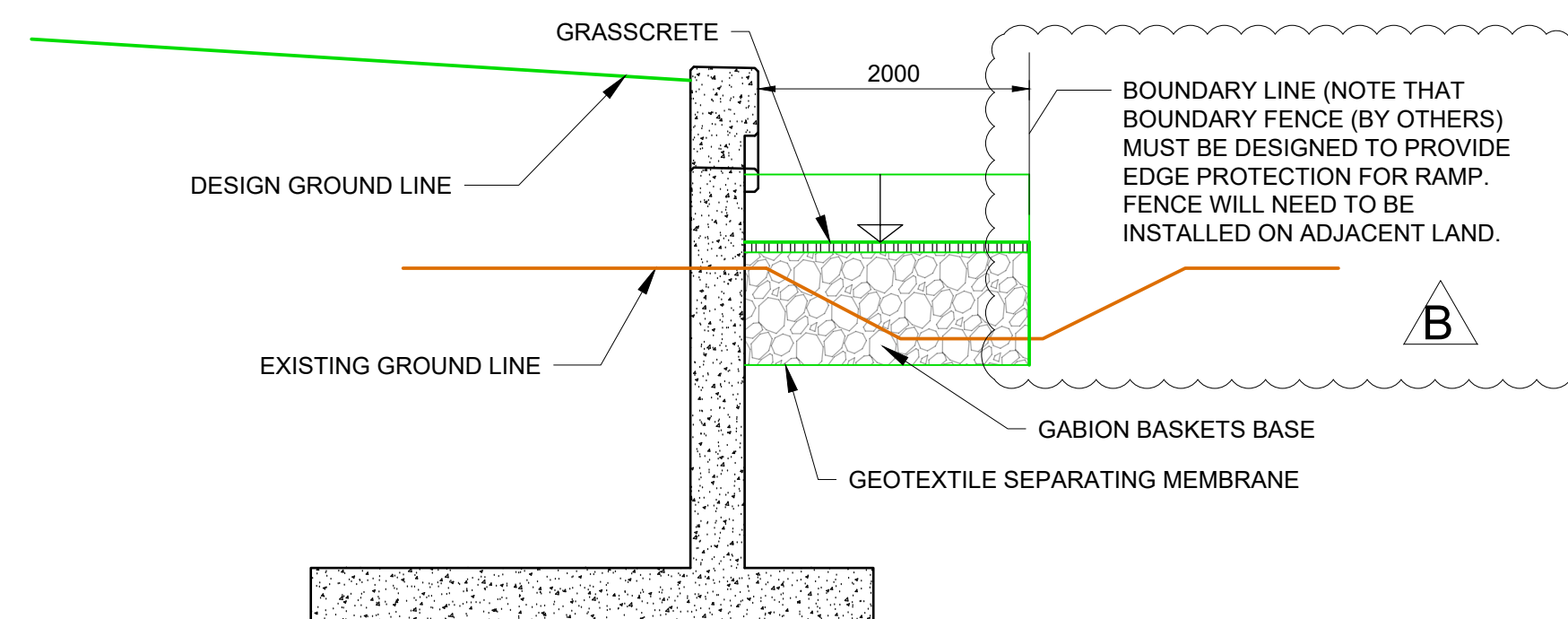
SECTION D-D - TYPICAL

Scale 1:50

IMPORTANT NOTE:  
PARAPETS (ROAD RESTRAINT SYSTEM)  
HAVE BEEN OMITTED FOR CLARITY

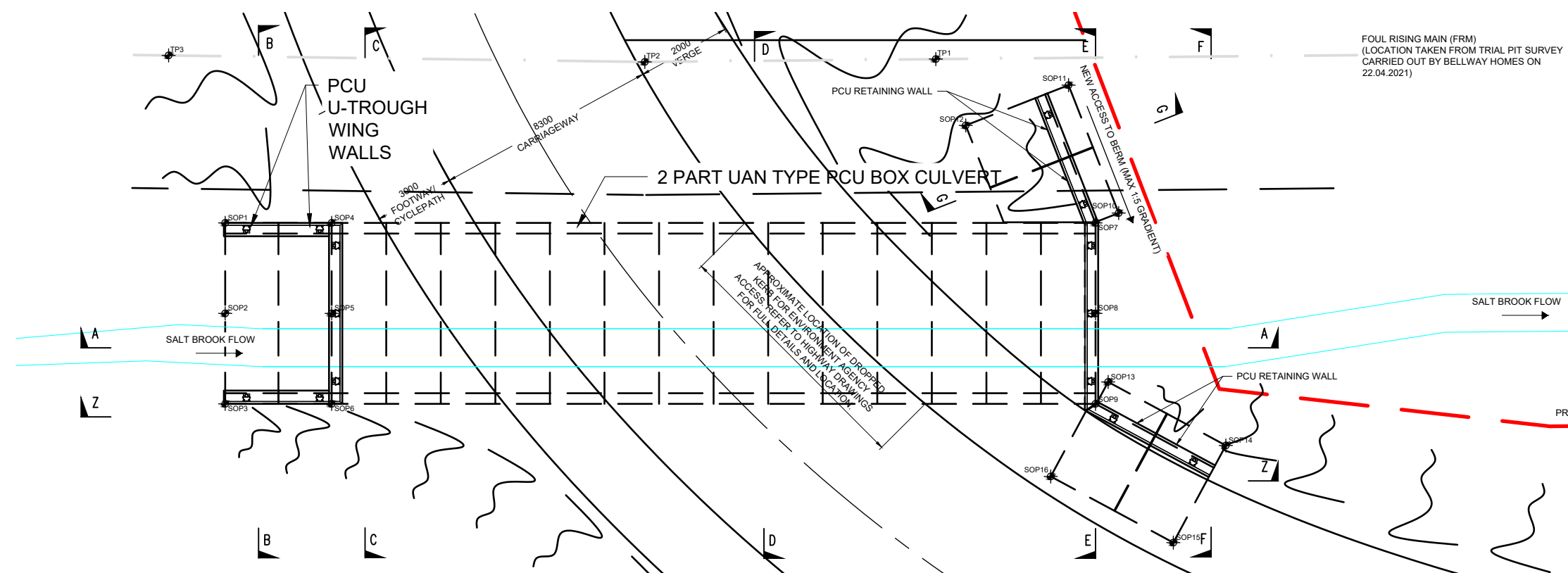
IMPORTANT NOTE:  
PROFILE OF EXISTING BANKS WITHIN FLOOD  
ZONE TO REMAIN AS EXISTING.  
CULVERT DESIGNED AS 2 PARTS (TOP AND  
BOTTOM SECTIONS) WITH JOINT TO ALLOW  
BROOK BANK RESTORATION PRIOR INSTALLING  
TOP SECTION

PUDDLE CLAY OR SIMILAR SUITABLE  
MATERIAL USED TO FORM NATURAL CHANNEL  
BEFORE INSTALLING TOP PCU SECTION



SECTION G-G

Scale 1:50



PLAN VIEW

Scale 1:200

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE STATED.
3. DO NOT SCALE FROM THIS DRAWING.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER SCHEME DRAWINGS.
5. STRUCTURAL CONCRETE TO BE GRADE C40/50 UNLESS OTHERWISE NOTED AND BE SUITABLE FOR EXPOSURE CLASSES XC3, XD3, XF3 AND ACEC CLASS DS-1 & AC-1. COVER 45 + ΔC. CEM III-B OR IIIA CEMENT MIN. 380kg/m³ WITH MAXIMUM 0.35 WATER CEMENT RATIO.
6. CONCRETE FINISHES TO BE :  
EXPOSED FORMED FACES (F4),  
BURIED FORMED FACES (F1),  
SURFACES TO RECEIVE WATERPROOFING (U4), EXPOSED UNFORMED SURFACES (U3),  
BURIED UNFORMED SURFACES (U1),  
PARAPET EDGE BEAM (F3)
7. ALL EXTERNAL CONCRETE CORNERS TO BE GIVEN A 25x25mm CHAMFER UNLESS STATED OTHERWISE.
8. ALL CONCRETE SURFACES 100mm OR MORE BELOW FINAL GROUND LEVEL TO RECEIVE 2 COATS OF RIW LAC IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
9. CULVERT TO BE BACKFILLED WITH 6N/6P FILL AROUND CULVERT TO BE PLACED IN LAYERS OF MAXIMUM THICKNESS 300mm, EACH BEING WELL COMPACTED BEFORE SUCCESSIVE LAYERS ARE PLACED. BACKFILL TO BE AT 30° TO HORIZONTAL FROM FORMATION.
10. THIS CULVERT IS DESIGNED TO SUPPORT LM1, LM2 AND LM3 SV80 VEHICLE LOADING TO BS EN 1991-2.

| B   | Note 5 deleted. Foul main diverted. | DJR  | DJR  | 10.06.21 |
|-----|-------------------------------------|------|------|----------|
| A   | Ramp edge protection re-detailed.   | DJR  | DJR  | 06.05.21 |
| -   | New Ramp Revised                    | DJR  | DJR  | 21.04.21 |
| -   | Issue For Approval                  |      |      |          |
| Rev | Revision details                    | Chkd | Appd | Date     |

|           |              |                  |   |
|-----------|--------------|------------------|---|
| Drawn:    | TPK          | For comment      | ✓ |
| Design:   | DJR          | For tender       |   |
| Chkd:     | DJR          | For construction |   |
| Appd:     | DJR          | As constructed   |   |
| Date:     | 31.01.19     | Other            |   |
| File ref: | P20-0005-DWG |                  |   |

inertia  
consulting

Tel: 01332 653 003 info@inertiaconsulting.co.uk

Client  
**BELLWAY HOMES LTD**

Project Name  
**RESIDENTIAL DEVELOPMENT  
DERBY RD HATTON DERBYSHIRE**

Drawing Title  
**NEW HIGHWAY BRIDGE  
SALT BROOK, HATTON, DERBYS  
SECTIONS**

Original Drawing Size : A1  
Scale : See Plan Dimensions : Millimetres

Drawing No  
**P20-0005-DWG-102**

Rev  
**B**