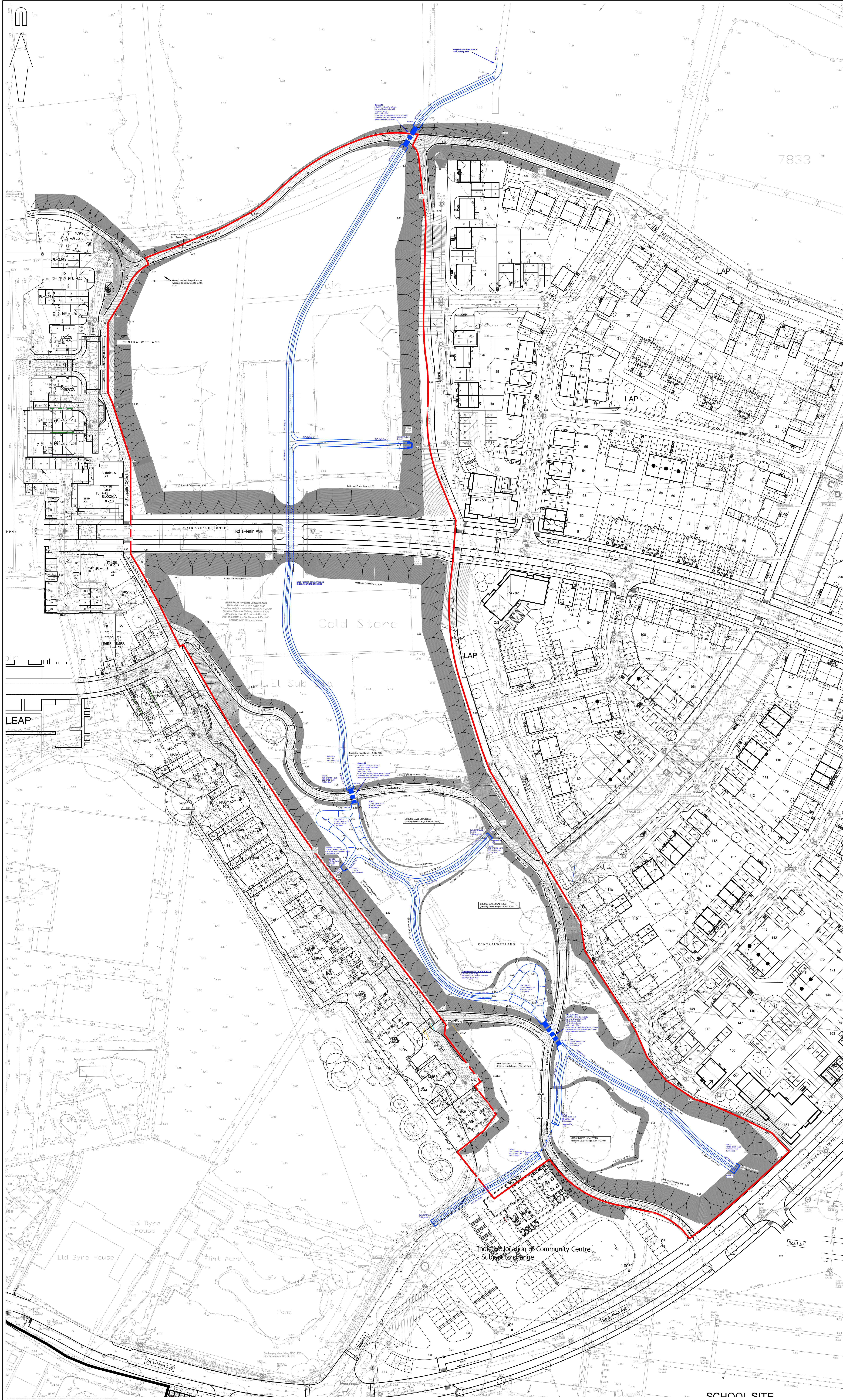


APPENDIX E: Central Wetland Area (WIP Drawings)



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KEY

- PROPOSED SURFACE WATER SEWER AND MANHOLE FOR OTHER PHASES
- PROPOSED FOUL WATER SEWER AND MANHOLE FOR OTHER PHASES
- PROPOSED SURFACE WATER HEADWALL AND CULVERT
- PROPOSED SURFACE WATER SWALE
- PROPOSED CONTOURS
- PROPOSED EMBANKMENT
- RED LINE BOUNDARY

NOTES:

- This drawing is not to be scaled.
- Based on topographic survey by WYG drawing numbered GGL/A044029/LAY/01.
- Grading plan layout taken from WYG drawing titled X-GRADING.
- This drawing is to be read in conjunction with all relevant engineering and landscaping drawings. Any discrepancies are to be reported to the engineer immediately for clarification.
- All on-site civils and drainage works constructed in accordance with the Mayer Brown Limited Specification, details and MH schedules.
- Proprietary items are to be constructed in accordance with manufacturers recommendations / requirements.
- All drainage works shall be carried out in accordance with the requirements of the Local Authority, the Environment Agency and in conjunction with all relevant British Standards, Codes of Practice and 'Sewers for Adoption' 7th Edition and any addendums as appropriate.
- Invert levels and positions of existing drains / chambers / sewers where new connections are to be made must be checked and confirmed to the engineer prior to the commencement of any works.
- Any part of the existing drainage system to be retained as part of the new scheme shall be cleaned and inspected. Any structural defects shall be repaired using appropriate and approved means.
- All new manholes and catchpits are to be constructed in accordance with the requirements of BS EN 752 and Part H of the Building Regulations.
- All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
- The diameters and gradients of the main surface water and foul water carrier drains are identified on the layout.
- Cover levels are to be adjusted locally to suit finished ground levels.
- HEALTH AND SAFETY:** The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operators shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.

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P1	Initial Issue (TC)	SF	08/07/21
rev.	amendment	checked	date

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client

PERSIMMON HOMES THAMES VALLEY

project

NORTH LITTLEHAMPTON
EAST OF WETLANDS
MAIN AVENUE & NORTHERN CROSSING

scale	drawn by	checked by
1:500	TC	SF
date	cad file	
JULY 2021	20.DWG	

050

PROPOSED LEVELS AND DRAINAGE

Mayer Brown Limited jobscode	submittal	revision
		P1

drawing number

SF/PHLITTLE-CWA.10/20

AREA DISTRICT COUNCILS/LIBRARIES



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KEY:

- PROPOSED 1 IN 3 EMBANKMENT
- LOWER CWA COMPENSATION PLATFORM (AVERAGE LEVEL 1.38m AOD)
- UPPER CWA COMPENSATION PLATFORM (AVERAGE LEVEL 1.60m AOD)
- TREE PROTECTION PLATFORM
- PROPOSED BITUMEN MACADAM FOOTWAY CONSTRUCTION
- PROPOSED SURFACE WATER SWALE
- EXISTING DITCH
- PROPOSED SURFACE WATER OUTFALL AND PIPE
- PROPOSED EXTENT OF TREE RPA
- RED LINE BOUNDARY

KEY (Continued):

- KERB TYPE 1 - 150x50mm type EF precast concrete flat top edging to BS EN 1340:2003 Figure NA.3(b) laid flush with mix ST1 concrete bed and backing

NOTES:

- This drawing is not to be scaled.
- Based on topographic survey by WYG drawing numbered GGL/A044029/LAY/01.
- This drawing is to be read in conjunction with all other relevant engineering and landscaping drawings. Any discrepancies are to be reported to the Engineer immediately for clarification.
- For details of sections indicated please refer to Mayer Brown drawing MB/C/03.

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rev.	amendment	checked	date
P2	Updated following revised WYG landscape plan. (TC)	SF	09/07/21
P1	Initial Issue (TC)	SF	28/01/21

client
PERSIMMON HOMES THAMES VALLEY

project
**NORTH LITTLEHAMPTON
EAST OF WETLANDS
MAIN AVENUE & NORTHERN CROSSING**

scale
1:500

drawn by
TC

checked by
SF

date
JANUARY 2021

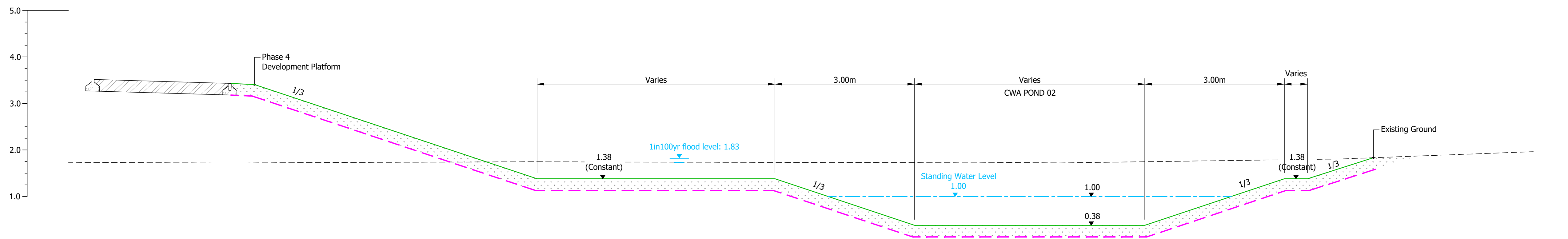
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30.DWG

title
SF/PHLITTLE-CWA.10/30

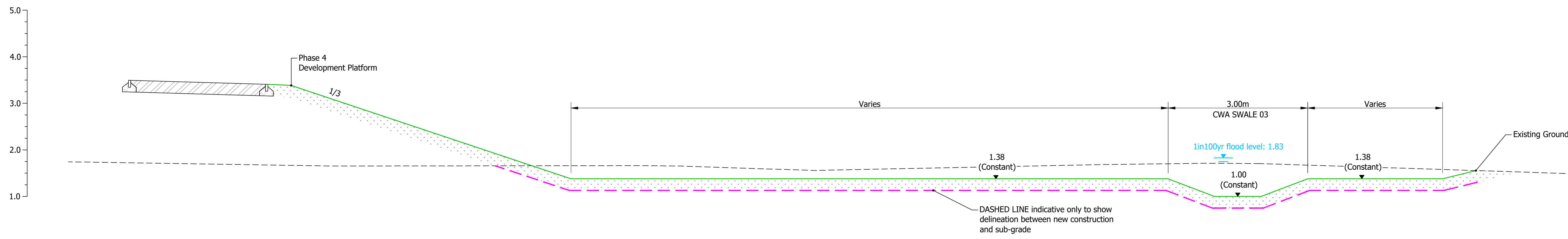
CONSTRUCTION TREATMENTS

Mayer Brown Limited jobcode	submittal	revision
		P2

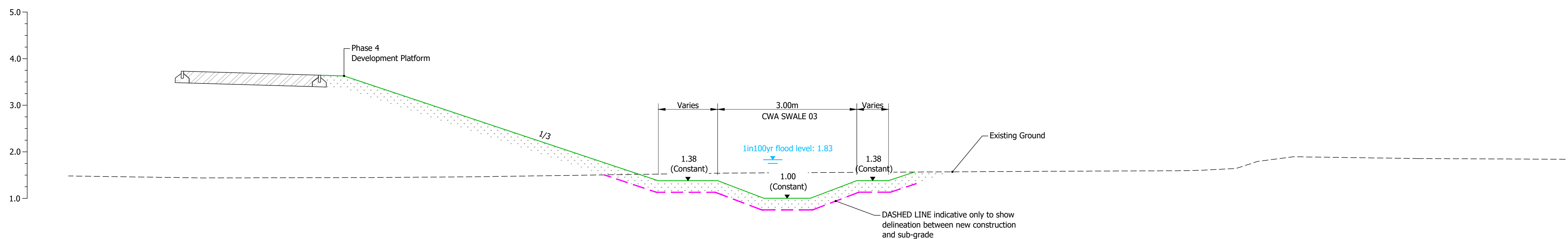
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SF/PHLITTLE-CWA.10/30



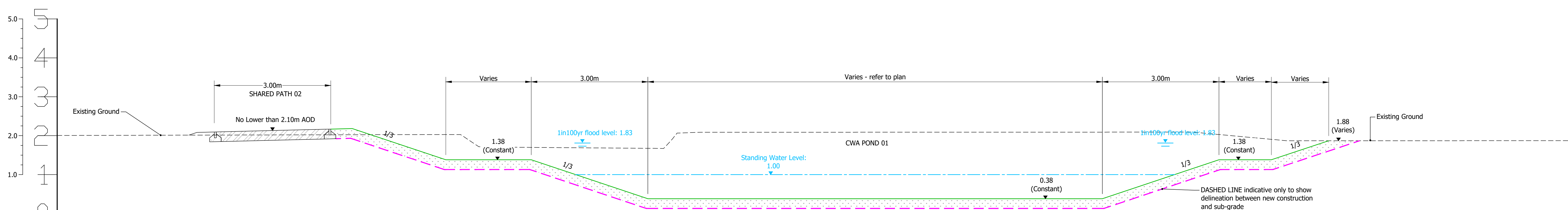
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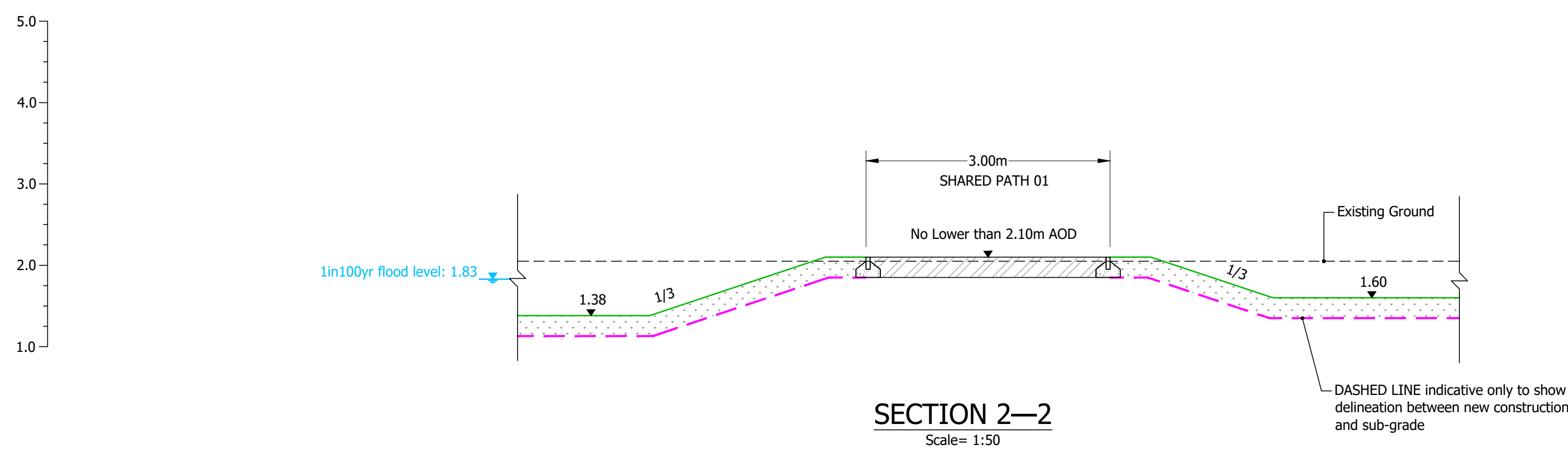
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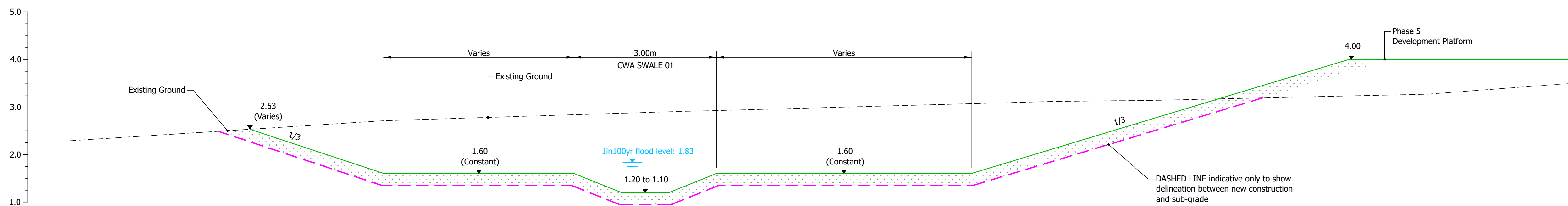
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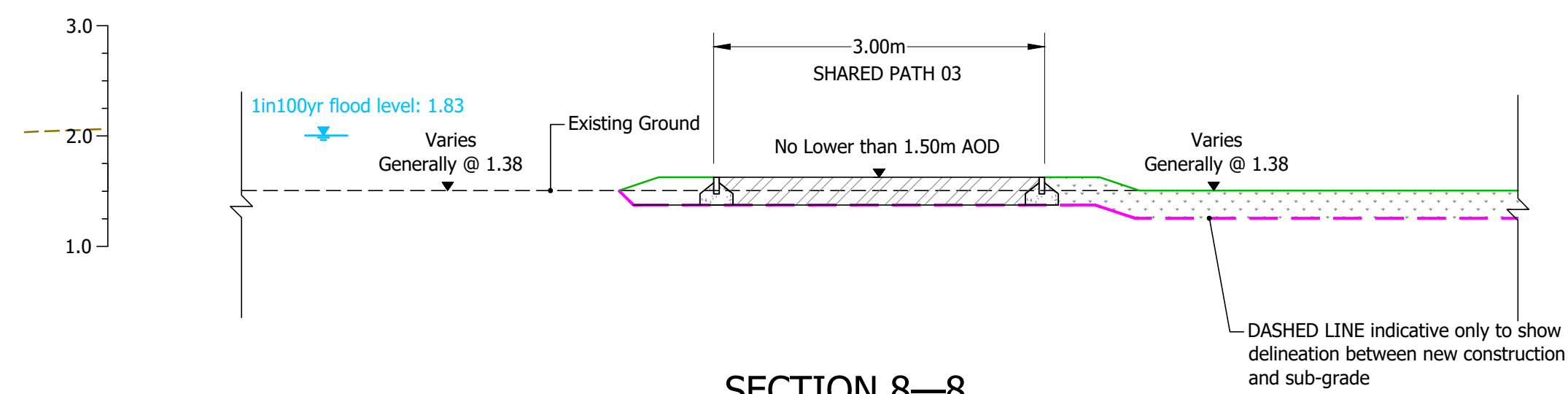
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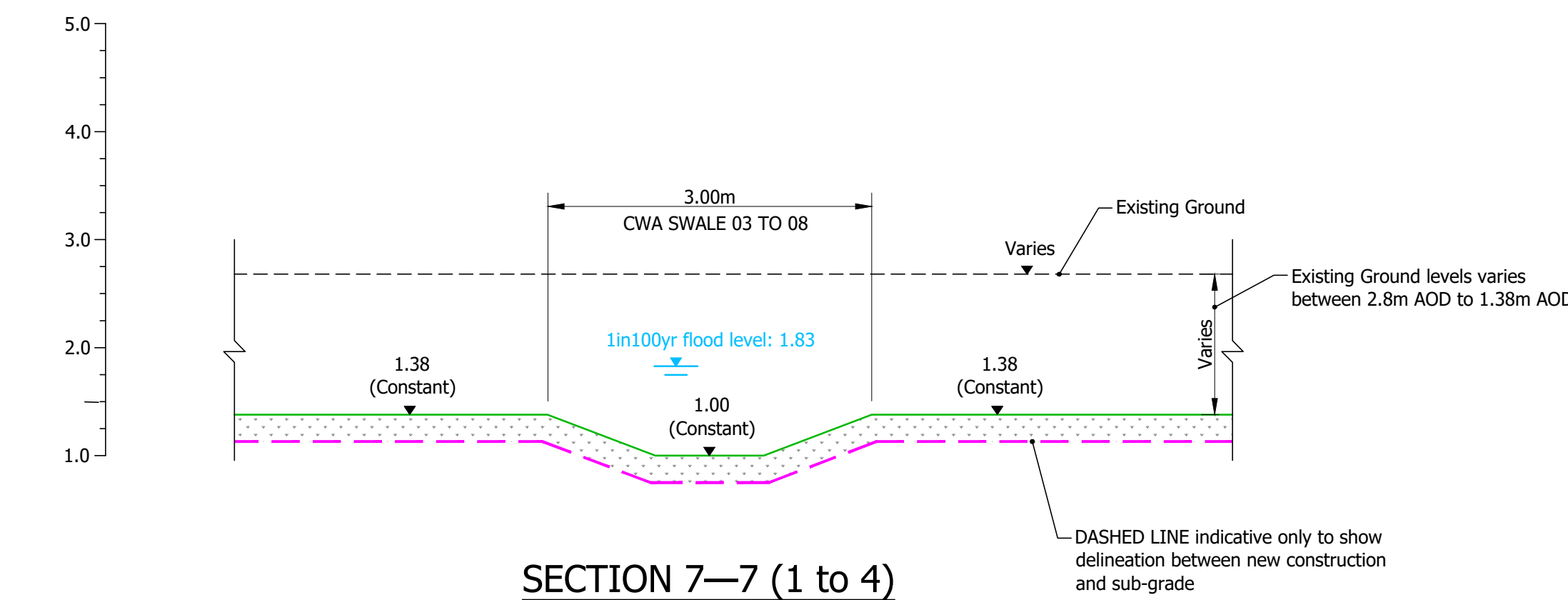
SECTION 2—2
Scale= 1:50



SECTION 1—1
Scale= 1:50



SECTION 8—8
Scale= 1:50



SECTION 7—7 (1 to 4)
Scale= 1:50

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NOTES:

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- This drawing is to be read in conjunction with the following Mayer Brown drawing references:
 - SF/PH/LITTLE-CWA.10/20 series - Levels & Drainage Drawing
 - SF/PH/LITTLE-CWA.10/30 series - Construction Treatments Drawing
- Site Remediation dealing with potential contamination or intrusive plant species, and potential disposal thereof, is outside the scope of civils and drainage design undertaken by Mayer Brown Ltd. If required, this will be dealt with by others.

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P1	Initial issue: (IC)	SF	09/07/2021
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project
NORTH LITTLEHAMPTON
EAST OF WETLANDS
MAIN AVENUE & NORTHERN CROSSING

scale
1:50

drawn by
IC

checked by
SF

date
JULY 2021

cad file
MBC03.DWG

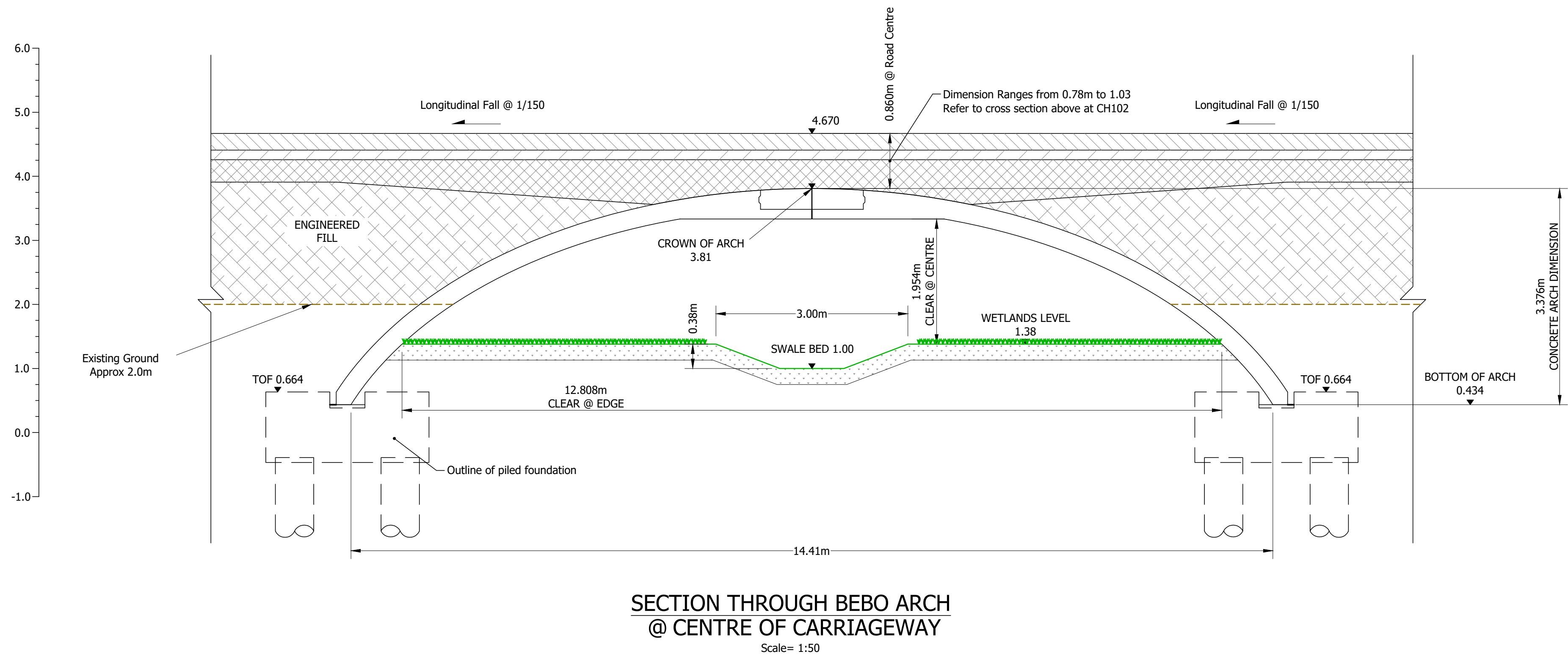
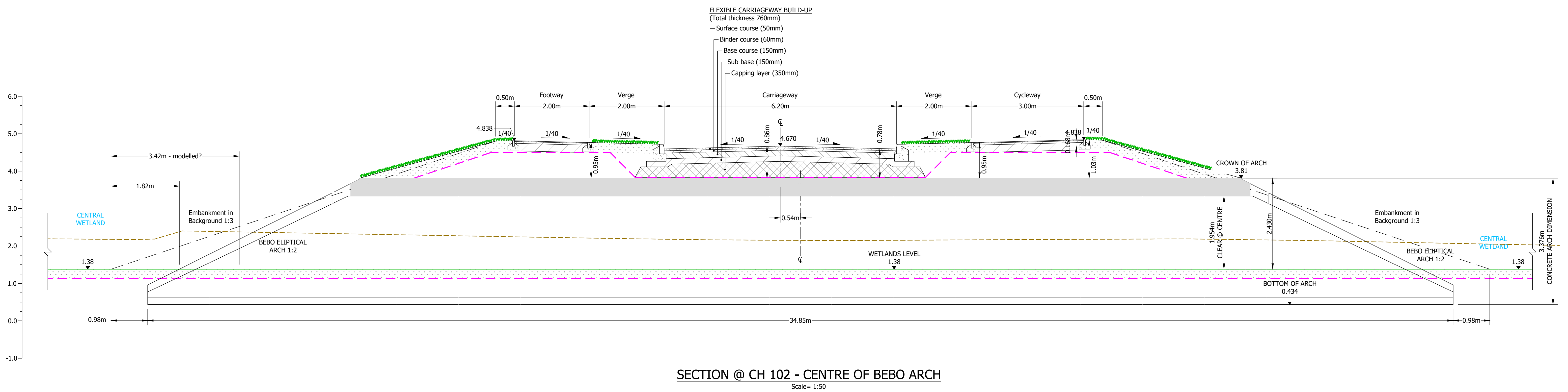
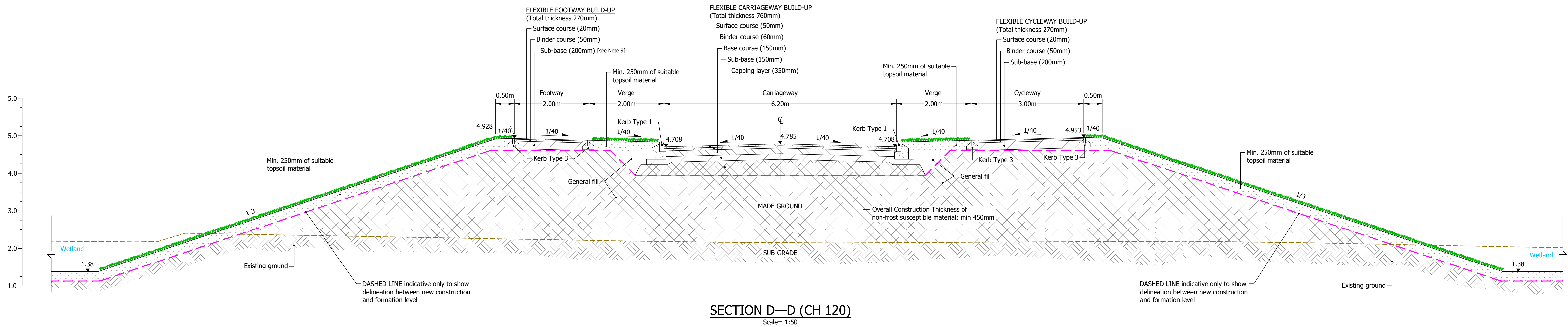
title
PROPOSED CENTRAL WETLAND SWALES
CONSTRUCTION DETAILS

Mayer Brown Limited jobcode
suitability
revision
P1

drawing number
MB/C/03

NOTES:

- This drawing is not to be scaled.
- This drawing is to be read in conjunction with the following Mayer Brown drawing references:
 - SF/PH/LITTLE-CWA.10/20 series - Levels & Drainage Drawing
 - SF/PH/LITTLE-CWA.10/30 series - Construction Treatments Drawing
- Site Remediation dealing with potential contamination or intrusive plant species, and potential disposal thereof, is outside the scope of civils and drainage design undertaken by Mayer Brown Ltd. If required, this will be dealt with by others.
- The thickness of the Capping layer has been designed using a CBR value of 5%.
- No material within 450mm of the carriageway surface shall be frost susceptible.
- The use of unsuitable soils, such as topsoil or desiccated soils are to be removed from beneath all paved areas.
- Where directed by the Engineer the Contractor shall carry out additional in-situ tests and laboratory tests, in accordance with BS1377; Pt 4, in order to prove the CBR value of the sub-grade material.
- The formation level should be proof rolled and any soft zones excavated and replaced with suitably compacted engineered granular or chalk fill. Any hard spots in the formation level such as old foundations may induce reflective cracking in the pavement and allowance should be made for removing any slabs or other hard spots etc. that may be present.
- Based on WSCC Detail 52/78/38/04 note 7, there is an option to reduce the sub-base depth to 150mm for footways without vehicles crossovers. However, to simplify construction a constant sub-base depth of 200mm has been specified throughout.



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rev.	amendment	checked	date
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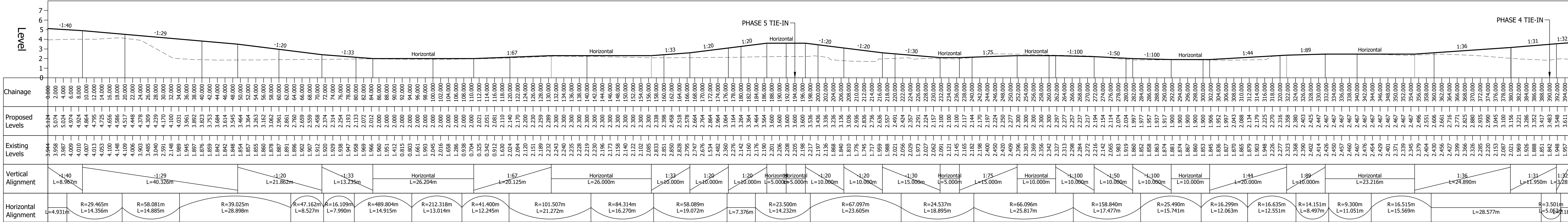
project
NORTH LITTLEHAMPTON
EAST OF WETLANDS
MAIN AVENUE & NORTHERN CROSSING

scale 1:50	drawn by IC	checked by SF
date JULY 2021	cad file MBC02.DWG	

title
NORTHERN CROSSING AND BEBO CONSTRUCTION
DETAIL

Mayer Brown Limited jobcode	suitability	revision P1
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drawing number
MB/C/02





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A0 ORIGINAL

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KEY

- EXISTING KERB LINE
- PROPOSED KERB/EDGING LINE
- TREE ROOT PROTECTION AREA
- EARTHWORKS IN CUT
- EARTHWORKS IN FILL
- NEUTRAL
- RED LINE BOUNDARY

NOTES:

- This drawing is not to be scaled.
- This drawing is to be read in conjunction with the following Mayer Brown drawing references:
 - SR/PH/LITTLE-CWA.10/20 - Proposed Surface and Foul Water Drainage General Arrangement
 - SR/PH/LITTLE-CWA.10/30 - Proposed Construction Treatments
 - SR/PH/LITTLE-CWA.10/51 - Bulk Earthworks - Sections Through Central Wetland
- The drawing shows the areas of Cut (Red Contours) and areas of Fill (Green Contours).
- HEALTH AND SAFETY:** The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operators shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.

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rev.	amendment	checked	date

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project
NORTH LITTLEHAMPTON
EAST OF WETLANDS
MAIN AVENUE & NORTHERN CROSSING

scale	drawn by	checked by
1:500	IC	SF
date	cad file	
JULY 2021	50.DWG	
bse		

BULK EARTHWORKS - ISOPACHYTE HEIGHTS

Mayer Brown Limited jobscode	submittal	revision
drawing number		P1

SF/PH/LITTLE-CWA.10/50

