



GENERAL NOTES

- FOR ALL NOTES REFER TO DRGS ENV000009C-JAC-ZZ-42B-DR-PL-0001 AREA 2B GENERAL ARRANGEMENT PLAN SHEET 1 OF 3.

TIE-IN DETAIL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
- STANDARD SLOPE REGRADE DETAILS FOR THE FLOOD BUND TIE INTO THE RAILWAY EMBANKMENT ARE GIVEN IN NETWORK RAIL EMBANKMENT REGRADING DRAWING NOS. NR/CIV/SD/230 AND NR/CIV/SD/231.
- VEGETATION AND TOPSOIL ON THE ALIGNMENT OF THE EMBANKMENT TIE-IN AND RAILWAY EMBANKMENT ARE TO BE REMOVED PRIOR TO PLACING CLASS 2 ACCEPTABLE EARTHWORKS MATERIAL FOR THE NEW FLOOD BUND TIE-IN. TREES AND SHRUBS ARE TO BE CUT DOWN AND THEIR STUMPS GRINDED BEFORE BEING TREATED TO PREVENT RE-GROWTH.
- ANY SATURATED, SOFT TOPSOIL IS TO BE REMOVED FROM THE ALIGNMENT OF THE NEW FLOOD BUND TIE-IN AND REPLACED WITH INERT FILL.
- ANY SATURATED, SOFT TOPSOIL IS TO BE REMOVED FROM THE EXISTING RAILWAY EMBANKMENT SLOPE IN PREPARATION FOR THE FLOOD BUND TIE-IN CONSTRUCTION.
- CLASS 2 ACCEPTABLE EARTHWORKS MATERIAL IS TO BE USED IN THE CONSTRUCTION OF THE FLOOD BUND TIE-IN. IT IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS (SHW), SERIES 600, TABLE 6/4. CLASS 2 ACCEPTABLE EARTHWORKS MATERIAL IS TO HAVE A MINIMUM UNDRAINED SHEAR STRENGTH (CU) OF 50KN/M2 AND EFFECTIVE STRENGTH (ANGLE OF SHEARING RESISTANCE) OF 26°.
- LITTER AND VEGETATION WITHIN THE DRAINAGE CHANNEL AT THE BASE OF THE RAILWAY EMBANKMENT ARE TO BE REMOVED, AND THE BASE OF THE CHANNEL PROVIDED WITH A FALL IN GRADIENT TOWARDS A SUITABLE OUTFALL.
- ON COMPLETION OF THE WORKS, THE FLOOD BUND TIE-IN IS TO BE COVERED WITH TOPSOIL INTERMIXED WITH AN ECOLOGICALLY APPROVED GRASS SEED.
- ALL STRUCTURES SHOWN ARE NEW, UNLESS DENOTED AS EXISTING.

REFERENCES

- ENV000009C-JAC-ZZ-42B-DR-PL-0003 AREA 2B GENERAL ARRANGEMENT PLAN SHEET 3 OF 3
- ENV000009C-JAC-ZZ-00-DR-PL-0001 HIGHWAY TYPICAL DETAILS SHEET 1 OF 2.

LEGEND

- REINFORCED CONCRETE
- PRECAST CONCRETE
- CLAY FILL MATERIAL
- TOPSOIL
- CUT OF TRENCH
- TARMAC SURFACE

FDL=FLOOD DEFENCE LEVEL
SHW=SPECIFICATIONS FOR HIGHWAY WORKS

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'd
P01	2020-11-16	For Planning	MS	CF	NP	MW

European Union
European Regional Development Fund

In partnership with
Lancashire County Council
Jacobs North West Regional Flood & Coastal Committee

Environment Agency

Project: **Preston & South Ribble Flood Risk Management Scheme**

Drawing title: **Area 2B Sections and Details**

Sheet 4 of 4

Drawing status: **S4 - Suitable for stage approval** Suitability **S4**

Scale: **AS SHOWN @ A1** DO NOT SCALE

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Drawing number: **ENV000009C-JAC-DZ-42B-DR-PL-0004**

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