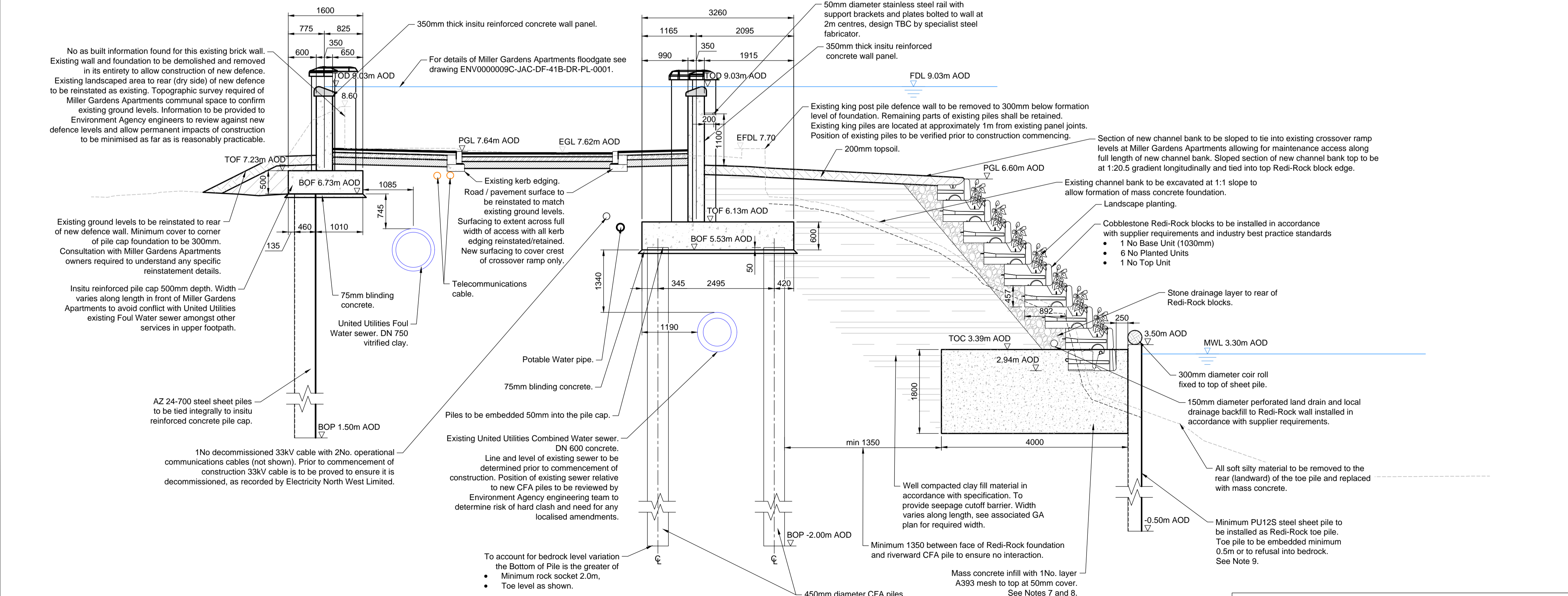


M-M Section M-M
REF.1 SCALE 1:50

O-O Section O-O
REF.1 SCALE 1:50



N-N Section N-N
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- GENERAL NOTES**
- FOR ALL NOTES REFER TO DRG ENV000009C-JAC-ZZ-41B-DR-PL-0002 AREA 1B GENERAL ARRANGEMENT PLAN SHEET 2 OF 3.
 - NEW DEFENCES ARE IN VERY CLOSE PROXIMITY TO EXISTING SERVICES. CONTRACTOR TO INFORM ASSET OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION. A WATCHING BRIEF MAY BE REQUIRED FOR SERVICES SUCH AS UNITED UTILITIES SEWERS, CADENT GAS MAINS AND ELECTRICITY NORTH WEST LIMITED CABLES.
 - PROVING OF THE ELECTRICITY NORTH WEST LIMITED 33KV CABLE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - CONDITION, LINE AND LEVEL OF ALL SERVICES IN CLOSE PROXIMITY IS TO BE DETERMINED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ASSET OWNERS TO BE CONSULTED TO DETERMINE ANY SPECIFIC REQUIREMENTS SUCH AS DIVERSIONS.
 - FOR UNITED UTILITIES STANDARD APPROACH TO WORKING CLOSE TO PIPELINES SEE THEIR DOCUMENT 'STANDARD CONDITIONS FOR WORKING ADJACENT TO PIPELINES' DOCUMENT REFERENCE 90048.
 - FOR CADENT GAS ASSETS IN CLOSE PROXIMITY TO CONSTRUCTION SEE AS BUILT DETAILS NAME 'DIVERSION OF 16" HP AND 30" LP PIPELINES AT BROADGATE PRESTON' DRAWING NUMBER 29/27.
 - THE CONCRETE BASE FOUNDATION OF THE REDI-ROCK CONSTRUCTION MUST BE FOUND ON SUITABLE GROUND. WHERE THE FOUNDATION LAYER IS UNSUITABLE, THE MATERIAL SHALL BE EXCAVATED UNTIL A SUITABLE BEARING LAYER IS FOUND. AN EXPERIENCED GEOTECHNICAL SPECIALIST SHALL BE ON SITE TO LOG AND IDENTIFY APPROPRIATE FOUNDING LAYER DURING CONSTRUCTION. A SUITABLE BEARING STRATUM IS ASSUMED TO BE MEDIUM/DENSE SAND AND GRAVEL WITH A SPT VALUE OF N=15 MINIMUM. ADDITIONAL GI AND DYNAMIC PROBING MAY BE REQUIRED TO VERIFY REQUIREMENTS.
 - THE MINIMUM DIMENSION OF THE CONCRETE FOUNDATION MUST BE MET.
 - SHEET PILES INSTALLED TO THE TOE OF THE REDI-ROCK INSTALLATION ARE PERMANENT FORMWORK ONLY. THE CONTRACTOR SHALL VERIFY THE REQUIREMENT FOR PILES AND ANTICIPATED LENGTH FOR DRIVING A MINIMUM OF 0.5M INTO BEDROCK WITH INVESTIGATION WORKS PRIOR TO PURCHASING OF PILES.
- REFERENCES**
- ENV000009C-JAC-ZZ-DR-PL-0001 AREA 1 SITE LOCATION PLAN.
 - ENV000009C-JAC-ZZ-41B-DR-PL-0001/0002/0003 AREA 1B GA PLAN SHEET 1/2/3 OF 3.
 - ENV000009C-JAC-DZ-41B-DR-PL-0001/0002/0003/0004/0005/0006/0007 AREA 1B SECTIONS AND DETAILS SHEET 1/2/3/4/5/6/7 OF 7.
 - ENV000009C-JAC-DZ-41B-DR-PL-0008/0009/0010/0011/0012/0013 AREA 1B LONGITUDINAL SECTION SHEET 1/2/3/4/5/6 OF 6.
 - ENV000009C-JAC-DF-41B-DR-PL-0001 AREA 1B FLOODGATE 1 PLAN AND SECTIONS.
 - ENV000009C-JAC-DF-41B-DR-PL-0002 AREA 1B FLOODGATE 2 PLAN AND SECTIONS.
 - ENV000009C-JAC-DW-41X-DR-PL-0001 AREA 1 WALL TYPICAL DETAILS.
 - ENV000009C-JAC-ZZ-00-DR-PL-0001 HIGHWAY TYPICAL DETAILS.
 - ENV000009C-JAC-DW-41X-DR-PL-0002/0003 AREA 1 TIE-IN DETAILS SHEET 1/2 OF 3.
- LEGEND**
- GLASS PANELS
 - REINFORCED CONCRETE
 - PRECAST CONCRETE
 - TOPSOIL
 - CLAY INFILL
 - BLINDING CONCRETE
 - TARMAC SURFACE
- TOD=TOP OF DEFENCE
TOC=TOP OF CONCRETE
TOF=TOP OF FOUNDATION
BOF=BOTTOM OF FOUNDATION
BOP=BOTTOM OF PILE
FDL=FLOOD DEFENCE LEVEL
EFDL=EXISTING FLOOD DEFENCE LEVEL
MWL=MEAN WATER LEVEL
EGL=EXISTING GROUND LEVEL
PGL=PROPOSED GROUND LEVEL

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'd
P01	2020-11-16	For Planning	TP	AR	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 1B Sections and Details**

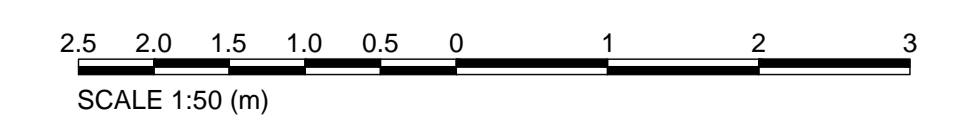
Sheet 4 of 7

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

Scale: 1:50 @ A1 DO NOT SCALE

Jacobs No. B550B008
Client No. ENV000009C
Rev P01

Drawing number: **ENV000009C-JAC-DZ-41B-DR-PL-0004**



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