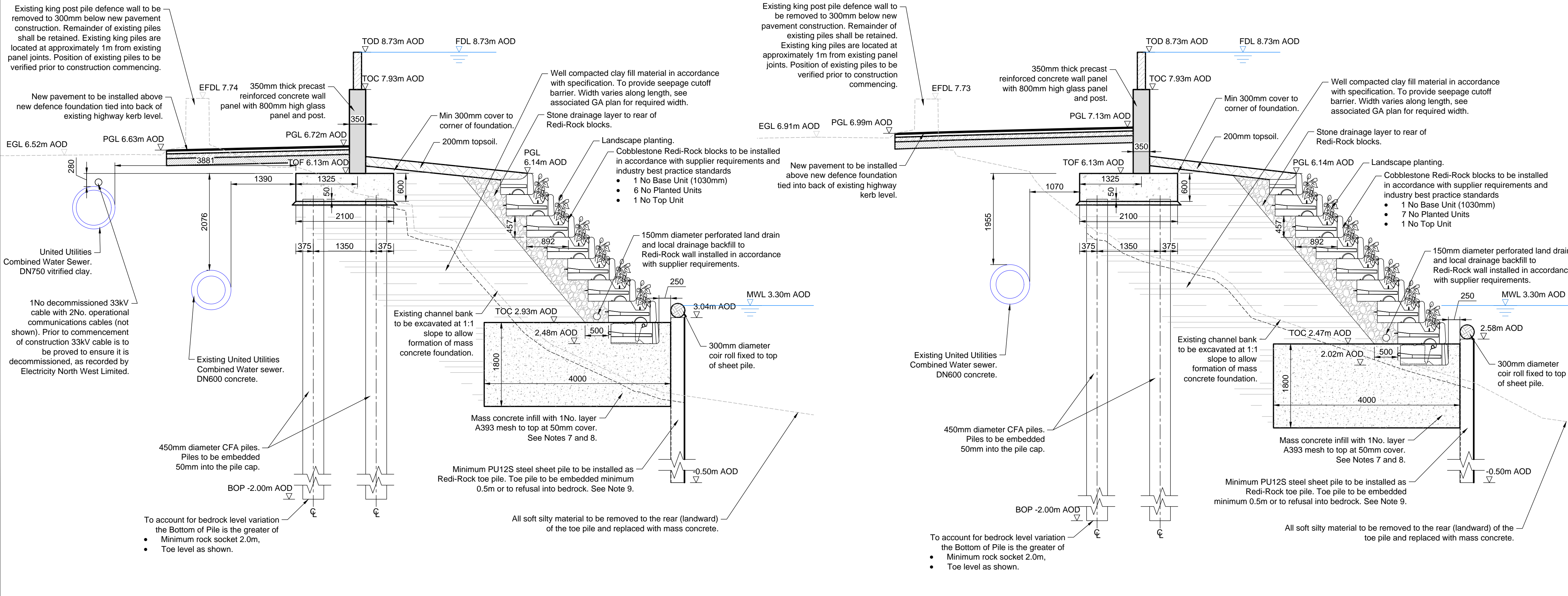


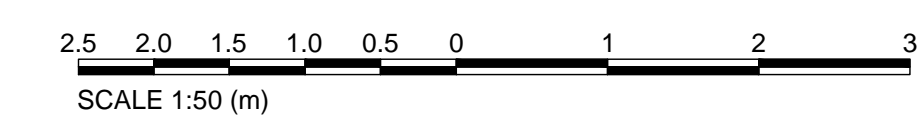
**I-I Section I-I**  
REF.2 SCALE 1:50

**J-J Section J-J**  
REF.2 SCALE 1:50



**K-K Section K-K**  
REF.2 SCALE 1:50

**L-L Section L-L**  
REF.2 SCALE 1:50



- GENERAL NOTES**
- FOR ALL NOTES REFER TO DRAWING ENV000009C-JAC-ZZ-41B-DR-PL-0001 AREA 1B GENERAL ARRANGEMENT PLAN SHEET 1 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 ARE PERMANENT FORMWORK ONLY.
- REFERENCES**
- ENV000009C-JAC-ZZ-41X-DR-PL-0001 AREA 1 SITE LOCATION PLAN.
  - ENV000009C-JAC-ZZ-41B-DR-PL-0001/002/003 AREA 1B GENERAL ARRANGEMENT PLAN SHEET 1/2/3 OF 3
  - ENV000009C-JAC-DZ-41B-DR-PL-0001/002/004/005/006/007 AREA 1B SECTIONS AND DETAILS SHEET 1/2/4/5/6/7 OF 7
  - ENV000009C-JAC-DZ-41B-DR-PL-0008/009/010/011/012/0013 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-0001/0002 HIGHWAY STANDARD DETAILS SHEET 1/2 OF 2.
  - 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
- DRAINAGE BACKFILL

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	Apprv'd
P01	2020-11-16	For Planning	MS	APR	NP	MW

European Union  
European Regional  
Development Fund

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

Environment Agency  
Jacobs

Project  
Preston & South Ribble  
Flood Risk Management Scheme

Drawing title  
Area 1B  
Sections and Details  
Sheet 3 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-0003

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