



TIE-IN TO EXISTING STONE PILLAR VIA A MOVEMENT JOINT.

NEW FLOOD WALL WITH L-SHAPE FOUNDATION WITH 1m HIGH GLASS PANELS SAT DIRECTLY ABOVE EXISTING RIVER WALL.

STONE CLAD PILLAR AT TO MOVE FLOOD DEFENCE TO THE RIVER SIDE.

NEW FLOOD WALL SUPPORTED BY UNIVERSAL COLUMNS EVERY 1.5m WITH 1m HIGH GLASS PANELS ON THE RIVERSIDE OF THE EXISTING WALL.

NEW FLOOD WALL WITH L-SHAPE FOUNDATION ALONG THE FOOTPATH TO TIE INTO THE EXISTING STEPS WALL. EXISTING SECTION OF WALL TO BE REMOVED PRIOR CONSTRUCTION.

RAMP OVER THE FLOOD GATE THRESHOLD TO TIE INTO EXISTING GROUND.

DOUBLE LEAF FLOOD GATE TO BE FIXED OPEN TO LATERAL WALLS. THE FLOOD GATE WILL HAVE A MINIMUM CLEAR OPENING OF 4m.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION
INTERACTION WITH THE PUBLIC, TRAFFIC SERVICES, FLOODING, WORK ADJACENT TO EXISTING STRUCTURES, SITE SECURITY

MAINTENANCE / CLEANING
INTERACTION WITH THE PUBLIC, TRAFFIC, FLOODING

DECOMMISSIONING / DEMOLITION
INTERACTION WITH THE PUBLIC, TRAFFIC SERVICES, FLOODING, WORK ADJACENT TO EXISTING STRUCTURES, SITE SECURITY

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

KEY:

WALLS

300mm - 600mm ---

600mm - 900mm ---

900mm - 1.2m ---

1.2m - 1.5m ---

1.5m - 1.8m ---

Structures

Glass panel ---

Flood gates ---

- NOTES**
1. THE PURPOSE OF THIS DRAWING IS TO SHOW A PROPOSED AMENDMENT TO THE APPROVED PLANNING DESIGN FOR REACH G2.
 2. THE REASON FOR THE PROPOSED CHANGES ARE: TO REDUCE THE IMPACT OF THE DESIGN ON THE COMBINE WATER SEWER (CWS) PIPE RUNNING UNDERNEATH THE FOOTPATH ALONG THE EXISTING RIVERSIDE WALL AND TO GUARANTEE THAT THE DEFENCE TIES INTO STRUCTURES THAT WILL STAND A FLOOD SCENARIO. TO REDUCE THE IMPACT ON THE CWS PIPE, THE FOUNDATION OF THE WALL HAS BEEN SHORTENED FOR THE FIRST 17m AND THE WALL HAS BEEN STEPPED OUT ONTO THE RIVER CHANNEL FOR THE REST OF THE REACH, AS THE DISTANCE WAS NOT ENOUGH TO GUARANTEE NOT AFFECTING THE PIPE. FOR THE LATTER, THE EXISTING WALL OPPOSITE EDGEcombe COURT WILL BE REMOVED AND REPLACED WITH THE PROPOSED NEW DEFENCE.
 3. LINEAR DEFENCE HEIGHTS ARE QUOTED ABOVE EXISTING GROUND LEVELS.
 4. REFER TO DRAWINGS ENV0000489C-CAA-00-4AG-DR-PL-0103 AND 0104 FOR SECTION AND ELEVATION DETAILS.

DRAFT

Rev	Drawn	Checked	App'd	Description	Date
P01	LV	XX	XX	S4 - Initial issue	22-06-21

Purpose of Issue
S4 - Issued for Planning

Classification
Public



Project
KENDAL FLOOD RISK MANAGEMENT SCHEME PHASE 1

Drawing
PROPOSED DESIGN AMENDMENTS TO REACH G2 PLAN

Scale at A1	Drawn	Checked	Approved
1:200	LV	XX	XX

Project No.	Date
CS/098597	22-06-2021

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