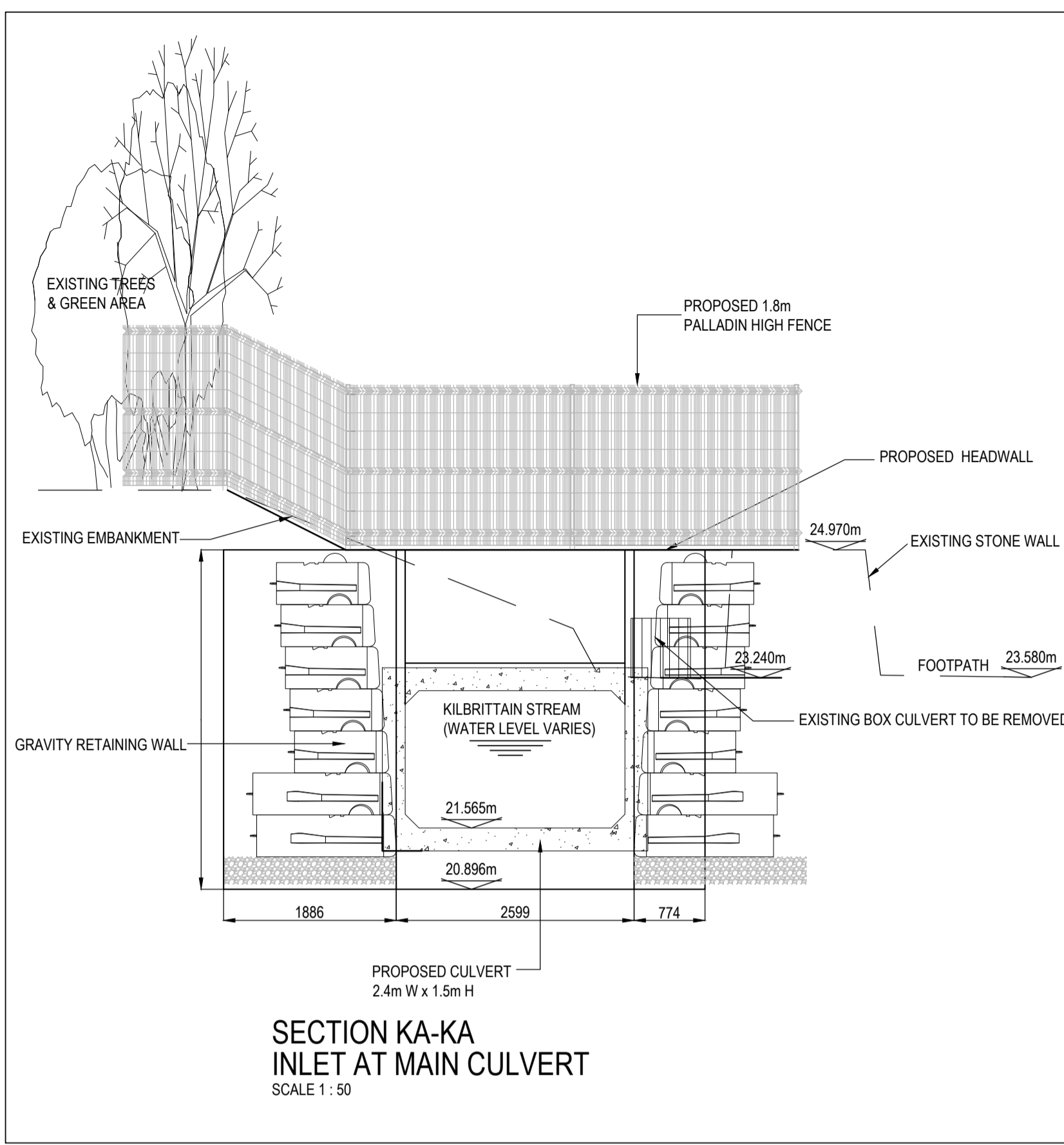
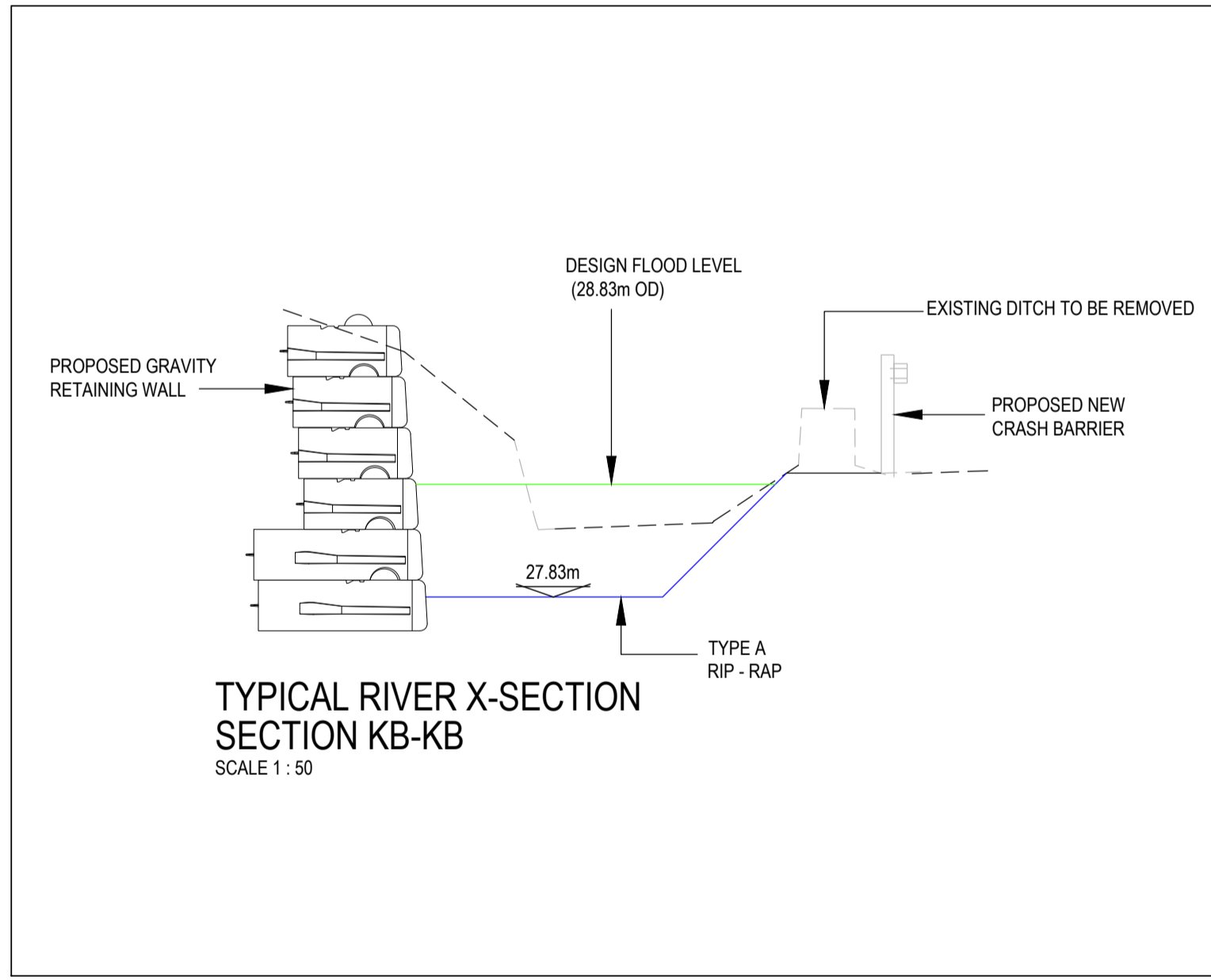


GENERAL ARRANGEMENT
SCALE 1: 1000



SECTION KA-KA INLET AT MAIN CULVERT
SCALE 1: 50



TYPICAL RIVER X-SECTION SECTION KB-KB
SCALE 1: 50

Watercourse Number	Reference Number	Location & Watercourse Chainage	Description
C4	B05	Kilbrittain Stream, under Bandon GAA grounds, from chainage 0 to 159	New 2.4m wide by 1.5m deep, 165m long culvert with associated headwall and outfall structure. Inlet structure to be surrounded with Paladin fencing
C4	B06	Kilbrittain Stream, at Birchvale from chainage 306 to 322	New 2.4m wide by 1.5m deep, 16m long culvert with associated headwall and outfall structure
C4	D02	Kilbrittain Stream from chainage 172 to 450	Dredging (max depth 1m) and channel cleaning to various depths including gravity retaining wall bank stabilisation works
C1 to C5	G02	River Bandon, Bridewell River, Mill Stream, Kilbrittain Road Stream and Moanarone Stream	Maintenance of river channel to include removal of debris, deposits and scrub and localised bank stabilisation measures
C4	G09	Kilbrittain Road (N71 Bypass), between chainage 18 and 450	Construct new combined sewer along the line of existing sewer at lower level
C4	G10	Kilbrittain Road (N71 Bypass)	3,755 sq.m of regrading on Kilbrittain Road
C3	L20	River Bridewell, at Bandon GAA, chainage 886 to 980	95m long reinforced concrete wall with natural stone finish to land side surface. All existing surface outfalls to be fitted with non-return valves. Top of wall at 21.16m O.D. Wall to be a minimum of 0.5m above ground level on footpath side
C3	L50	Bridewell River, right and left banks at chainage 817 to 827	Improvements including raising of existing stone masonry river walls. All existing surface outfalls to be fitted with non-return valves. Top of wall at 20.8m O.D. Wall to be 1.1m above ground level on footpath side
C3	L51	Bridewell River, left bank at chainage 829 to 886	Improvements including raising of existing stone masonry river walls. All existing surface outfalls to be fitted with non-return valves. Top of wall at 21.0m O.D. Wall to be 0.5m above ground level on footpath side
C3	L52	Bridewell River footbridge at chainage 828	6m long reinforced concrete parapet walls to existing footbridge with natural stone to riverside face. Top of parapet to be at 21.0m O.D.
C3	L53	Bridewell River footbridge at chainage 887	7m long reinforced concrete parapet walls to existing footbridge with natural stone to riverside face. Top of parapet to vary between 21m O.D. to 21.73m O.D.

LEGEND:

- EXTENT OF CHANNELS IN SCHEME: CH 13100
- RIVER CHANNEL CHAINAGE SHOWN THUS: SECTION DRAWING NUMBER
- SECTION MARKERS SHOWN THUS: D01
- INTERFERENCE REFERENCES SHOWN THUS: [Symbol]
- PROPOSED FLOOD DEFENCE WALL SHOWN THUS: [Symbol]
- IMPROVED WALL SHOWN THUS: [Symbol]
- GRAVITY RETAINING WALL SHOWN THUS: [Symbol]
- PROPOSED FLOOD DEFENCE EMBANKMENT SHOWN THUS: [Symbol]
- IMPROVED FLOOD DEFENCE EMBANKMENT SHOWN THUS: [Symbol]
- EXISTING EMBANKMENT TO BE INCORPORATED INTO SCHEME: [Symbol]
- PROPOSED CULVERT/CHANNELISATION SHOWN THUS: [Symbol]
- STORM WATER SEWERS SHOWN THUS: [Symbol]
- RISING MAINS SHOWN THUS: [Symbol]
- FOUL SEWER DIVERSIONS SHOWN THUS: [Symbol]
- CHANGES FROM PUBLIC EXHIBITION: [Symbol]
- BRIDGE UNDERPINNING SHOWN THUS: [Symbol]
- PEDESTRIAN BRIDGE SHOWN THUS: [Symbol]
- FISH PASS SHOWN THUS: [Symbol]
- FISHERIES MITIGATION MEASURES SHOWN THUS: POOLS, THALWEG, DEFLECTOR
- STORMWATER PUMPING STATION: PS†
- PUMP SUMP: PSu

Rev	Date	Description	By	Chk	App
E	09.12.15	RE-ISSUED FOR CONFIRMATION	NM	SH	KT
D	21.07.15	RE-ISSUED FOR CONFIRMATION	NM	SH	KT
C	30.05.15	ISSUED FOR CONFIRMATION	NM	SH	KT
B	06/12	ISSUED FOR PUBLIC EXHIBITION	SK	SH	KT
A	06/12	ISSUED FOR COMMENT	SK	SH	KT

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BAHRAIN • IRELAND • LIBYA • QATAR • SAUDI ARABIA • UAE • UK
CIVIL • STRUCTURAL • WATER & GEOTECHNICAL SPECIALISTS

CLIENT: OFFICE OF PUBLIC WORKS

PROJECT: Bandon Flood Relief Scheme

DRAWING TITLE: PROPOSED FLOOD DEFENCES DETAILS SHEET 10B

STATUS: FOR CONFIRMATION

Date: 01/04/12	Scale: 1:1000/1:50	Drawn: SK	Chk: KT	App: KT
Project No: C008065	Dwg. No: 160B	Rev: E		