

RIVER DODDER FLOOD ALLEVIATION SCHEME PHASE 3

OVERALL SCHEME LAYOUT

AREA 2 - DARTRY PARK / DARTRY WALK / DARTRY MILLS

PROPOSED WORKS:

2A. DARTRY PARK
THREE FLOOD DEFENCE MEASURES PROPOSED I.E. NEW CONCRETE WALL ONLY, NEW EARTH EMBANKMENT OR NEW GROUND RAISING. DEFENCE HEIGHT 2.2m ABOVE EXISTING GROUND LEVEL. TYING INTO PROPOSED DEFENCE ALONG DODDER WALK.

2B. DODDER WALK
2.0m TO 2.7m HIGH WALL FROM EXISTING GROUND LEVEL WITH GLASS PANELS. TYING INTO PROPOSED DEFENCE IN DARTRY MILLS.

2C. DARTRY MILLS (CARPARK & YARD):
REPLACE EXISTING WALL 2.0m ABOVE EXISTING GROUND LEVEL. TYING INTO EXISTING WALL IN YARD AND CAR PARK. CLOSURE OF EXISTING BRIDGE OPENING WITH 1.8m HIGH WALL.

2D: DARTRY MILLS
RAISE SILLS OF WINDOWS ALONG RIVERSIDE OF BUILDING AT BASEMENT LEVEL BY 0.6m.

AREA 3C: CLASSON'S BRIDGE TO NINE ARCHES

PROPOSED WORKS:

UPGRADE TO EXISTING WALL INCREASING HEIGHT UP TO 0.3m.

NEW RAISED PEDESTRIAN RAMP ACCESS, 1.3m ABOVE EXISTING GROUND LEVEL, AT EXISTING FOOTPATH ACCESS POINT ADJACENT TO CLASSON'S BRIDGE. TYING INTO EXISTING PEDESTRIAN FOOTPATH ALONG RIVER BANK.

NEW RAISED PEDESTRIAN RAMP ACCESS OF HEIGHT 1.3m FROM EXISTING GROUND LEVEL ADJACENT TO NINE- ARCHES BRIDGE

AREA 3F AND 3G: MILLTOWN BRIDGE TO STRAND TERRACE

PROPOSED WORKS:

3E - THREE OPTIONS I.E. NEW CONCRETE WALL, NEW EARTHEN EMBANKMENT OR GROUND RAISING. FLOOD DEFENCE HEIGHT UP TO 2.3m HIGH. NEW ACCESS RAMP FROM CARPARK TO PARK AREA. NEW ACCESS FOOTPATH FROM MILLTOWN ROAD TOWARD RIVER SIDE FOOTPATH.

3G - 2.5m HIGH WALL ABOVE EXISTING GROUND LEVEL ALONG EDGE OF RIVER BANK, TYING INTO HIGH GROUND ALONG STRAND TERRACE. WALL TO BE FITTED WITH GLASS PANELS

AREA 4: CLONSKEAGH ROAD BY BRIDGE

PROPOSED WORKS:

RAMP TO BE FORMED ALONG ACCESS ROAD FROM CLONSKEAGH ROAD WITH 3.3m HIGH WALL ABOVE EXISTING GROUND LEVEL, TYING INTO CLONSKEAGH BRIDGE.

3.3m EARTH EMBANKMENT, TYING INTO HIGH WALL AND HIGH GROUND.

REPLACE EXISTING BRIDGE RAILING WITH NEW SOLID PARAPET.

NEW ACCESS ROAD TO CARPARK.

AREA 6: DODDERBANK APARTMENTS AT DUNDRUM ROAD

PROPOSED WORKS:

UPGRADE TO EXISTING WALL BY 2.95m FROM EXISTING GROUND LEVEL.

NEW WALL UP TO 1.3m ABOVE EXISTING GROUND LEVEL TYING INTO HIGH GROUND.

AREA 5: DUNDRUM ROAD AND BANKSIDE COTTAGES

PROPOSED WORKS:

REPLACE EXISTING FOOTPATH WITH PRECAST CONCRETE (U-CHANNEL) INFILLED WITH MATERIAL AND NEW HAND RAILINGS AT 1.7m ABOVE EXISTING GROUND LEVEL. TRYING INTO EXISTING FOOTPATH AT DUNDRUM ROAD (BRIDGE PARAPET) AND BANKSIDE COTTAGES.

GROUND RAISING WITH NEW FOOTPATH FROM BANKSIDE COTTAGES TO TIE INTO EXISTING FOOTPATH ADJACENT TO PARKHORSE BRIDGE.

AREA 3D: SHANAGARY APARTMENTS

PROPOSED WORKS:

UPGRADE EXISTING WALL BY INCREASING HEIGHT TO 1.5m ABOVE EXISTING GROUND LEVEL. TYING INTO EXISTING WALL ALONG MILLTOWN ROAD.

NEW PEDESTRIAN ACCESS RAMP TO FACILITATE ACCESS TO SHANAGARRY APARTMENTS FROM RIVER SIDE FOOTPATH.

AREAS 3A & 3B: MILLTOWN ROAD AT DROPPING WELL PUB AND ADJACENT PARK.

PROPOSED WORKS: UPGRADE TO EXISTING WALL ALONG MILLTOWN ROAD INCREASING HEIGHT BY 0.8m. NEW ACCESS POINT ALONG MILLTOWN ROAD TO TIE INTO PUBLIC CARPARK.

NEW WALL 2m ABOVE EXISTING GROUND LEVEL. TYING INTO EXISTING PROPERTY DEFENCE WALL.

UPGRADE TO EXISTING PROPERTY DEFENCE WALL BY 0.4m.

AREA 7 - WOODSIDE DRIVE/ BRAEMOR ROAD JUNCTION BY LITTLE DARGLA

PROPOSED WORKS:

REPLACE RAILING & EXISTING ACCESS OPENING WITH FLOOD DEFENCE WALL ALONG WOODSIDE DRIVE AND BRAEMOR ROAD TO PREVENT FLOODING FROM THE LITTLE DARGLE.

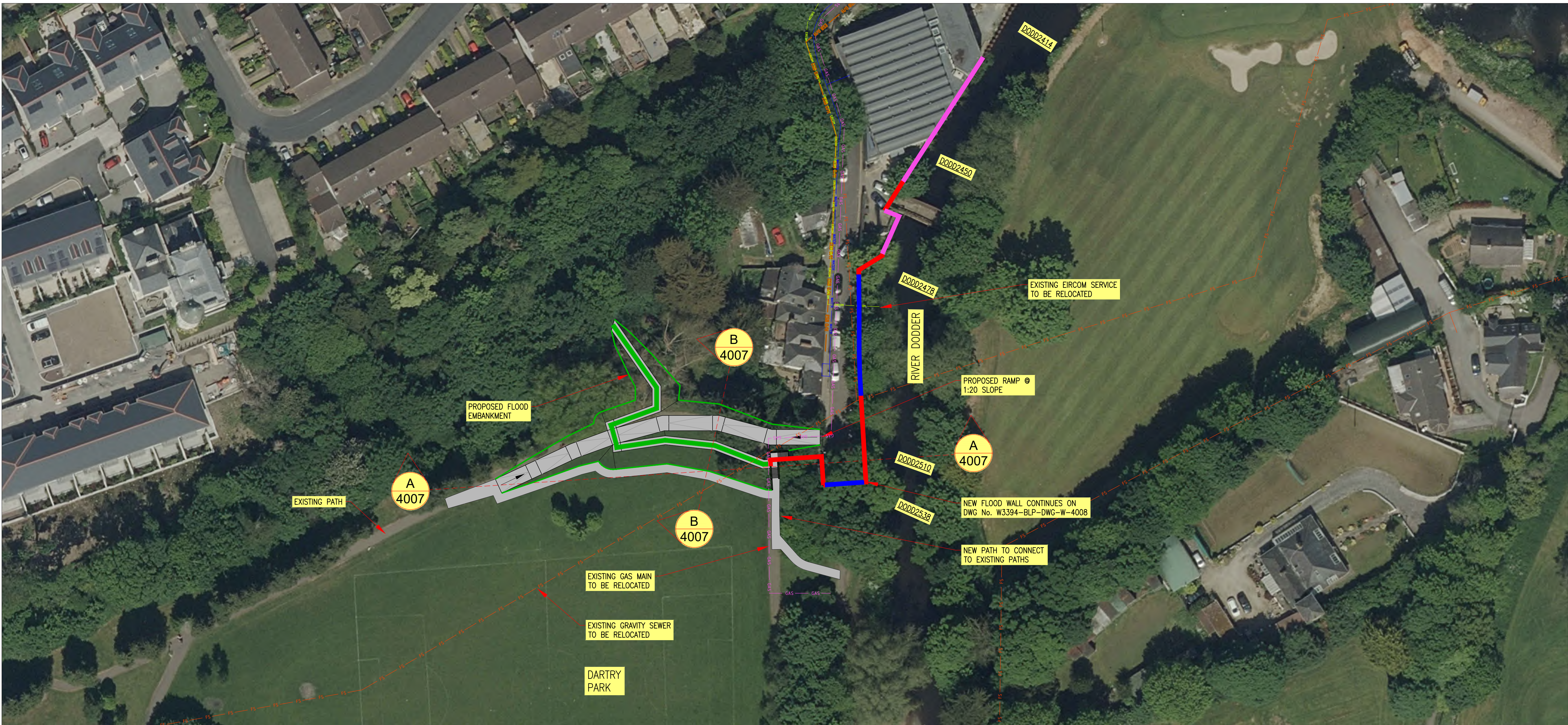
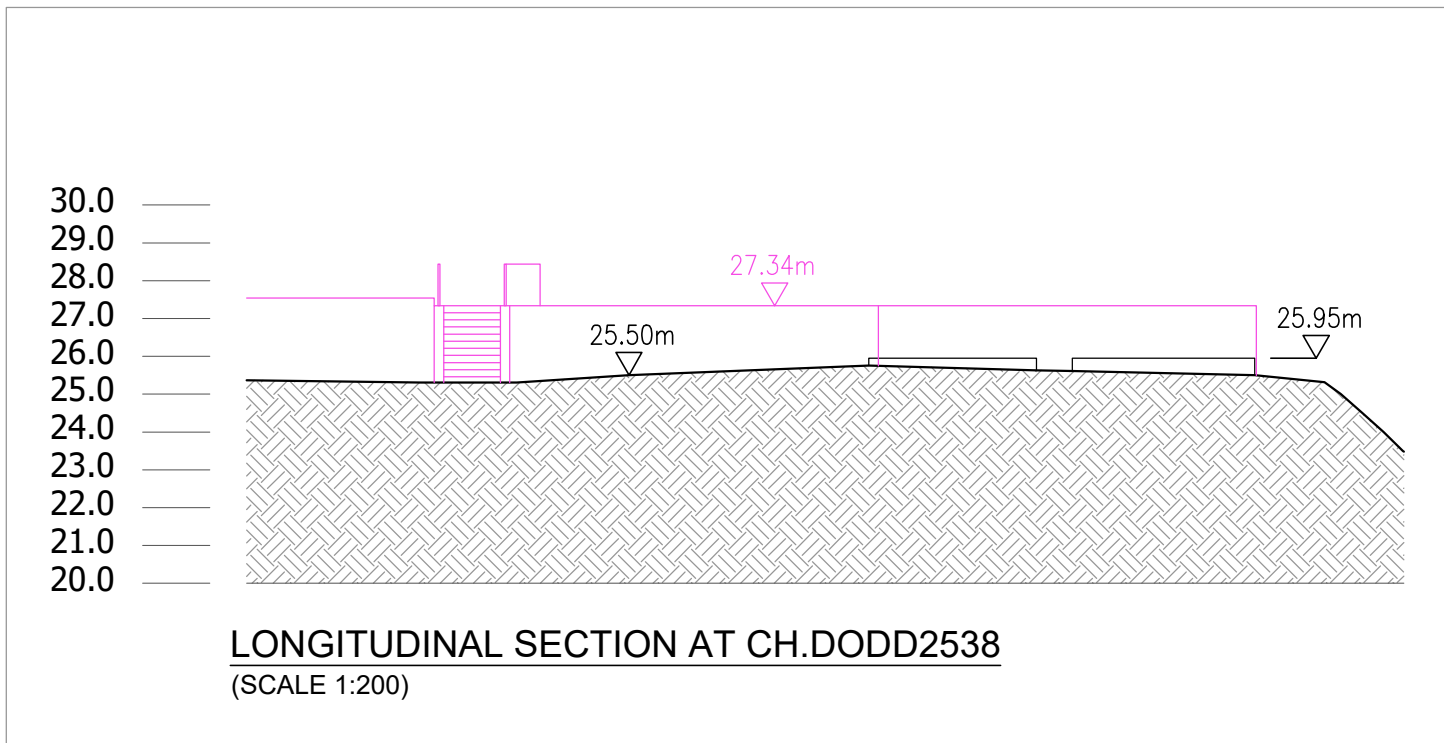
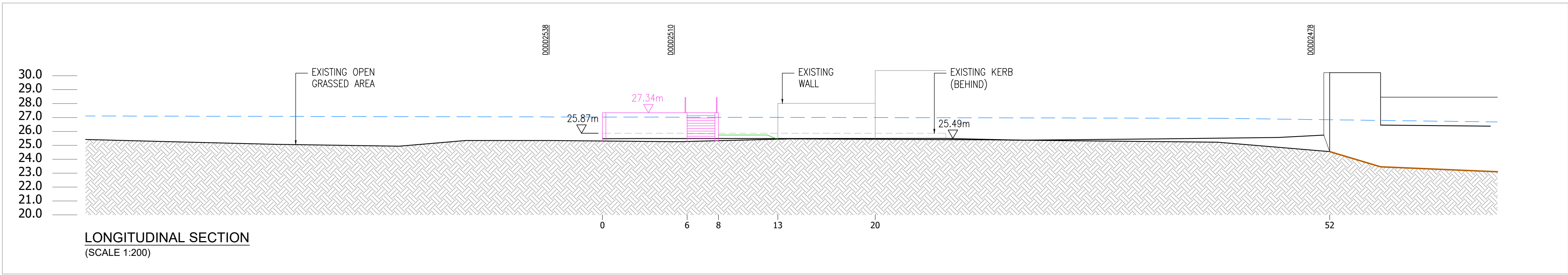
NEW ACCESS POINT AND FOOTPATH FROM BRAEMOR ROAD TO TIE INTO EXISTING PATH

AREAS 1A & 1B - ORWELL WALK / DODDER VALE / ORWELL GARDENS

PROPOSED WORKS:

AREA 1A - UPGRADE TO EXISTING WALL, INCREASING HEIGHT UP TO 1.4m FROM EXISTING GROUND LEVEL ALONG ORWELL WALK AND DODDER VALE. TYING INTO PEDESTRIAN BRIDGE PARAPET.

AREA 1B - 0.5m TO 2m HIGH WALL ABOVE GROUND LEVEL, RUNNING AT REAR OF BACK GARDENS AT ORWELL GARDENS. TYING INTO HIGH GROUND AND PEDESTRIAN BRIDGE PARAPET.

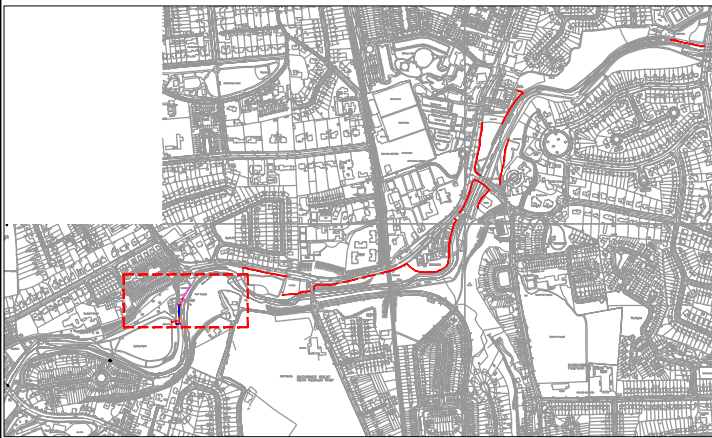


NOTES:

1. ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34.
2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
3. ALL DIMENSIONS TO BE CHECKED ON SITE.
4. ANY QUERIES OR DISCREPANCIES SHOULD BE REFERRED TO THE EMPLOYERS REPRESENTATIVE IMMEDIATELY.

LEGEND:

DESIGN FLOOD LEVEL	---
UPGRADE EXISTING WALL	---
NEW FLOOD DEFENCE WALL	---
GLASS WALL WITHIN FLOOD DEFENCE WALL	---
FLOOD GATE WITHIN FLOOD DEFENCE WALL	---
NEW FLOOD DEFENCE RAMP, EMBANKMENT & RAISED GROUND	---
PROPOSED ACCESS PATH	---
SECTION ID/DRAWING NUMBER	A 4007
EXISTING GRAVITY SEWER	FS
EXISTING GAS MAIN	GAS
EXISTING ESB UNDERGROUND	ESB U/G
EXISTING ESB OVERHEAD	ESB O/H
EXISTING WATERMAIN	WATER
EXISTING EIRCOM	EIRCOM



KEYPLAN:

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Rev	Date	Description	By	Chk	App

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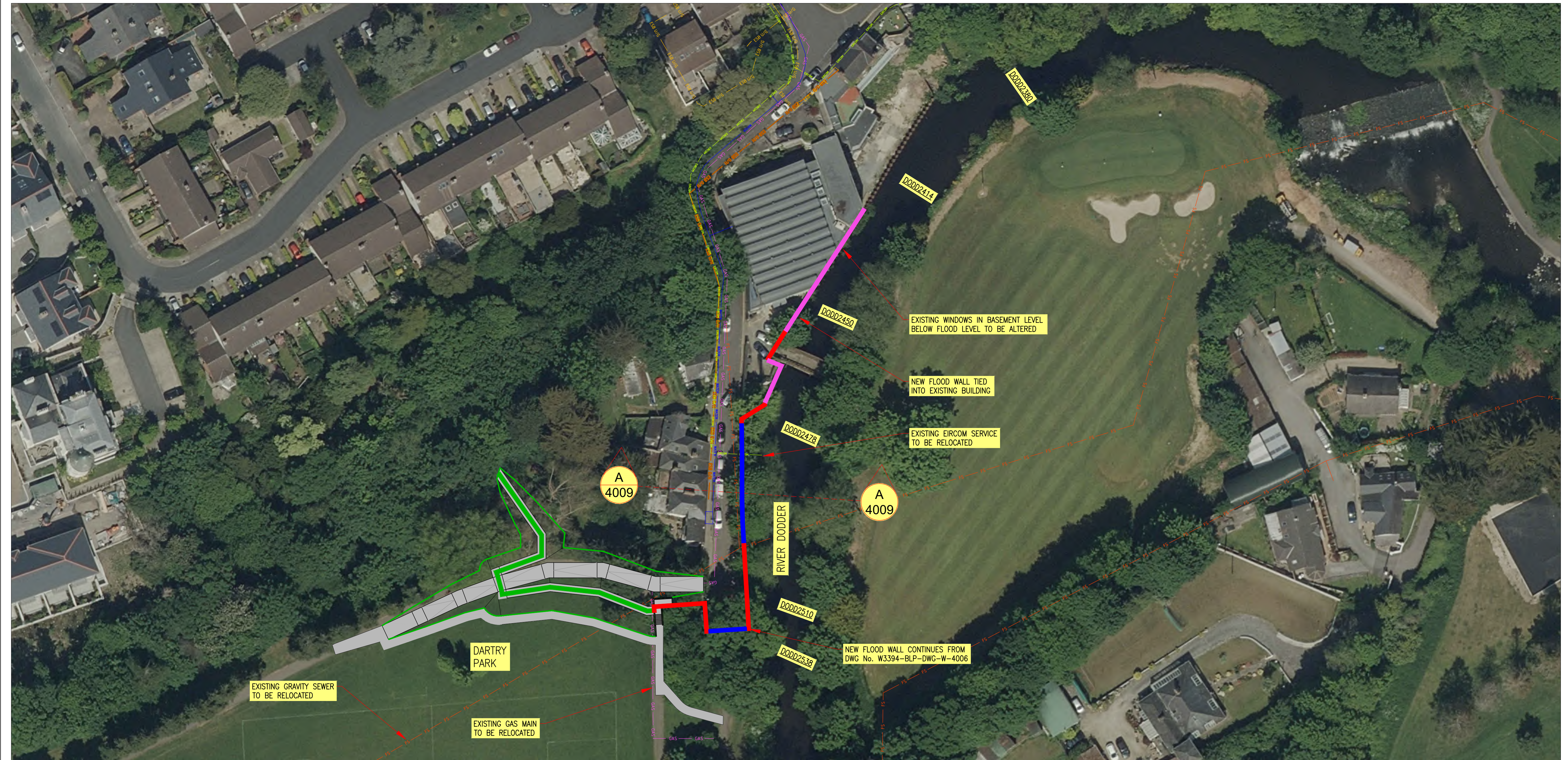
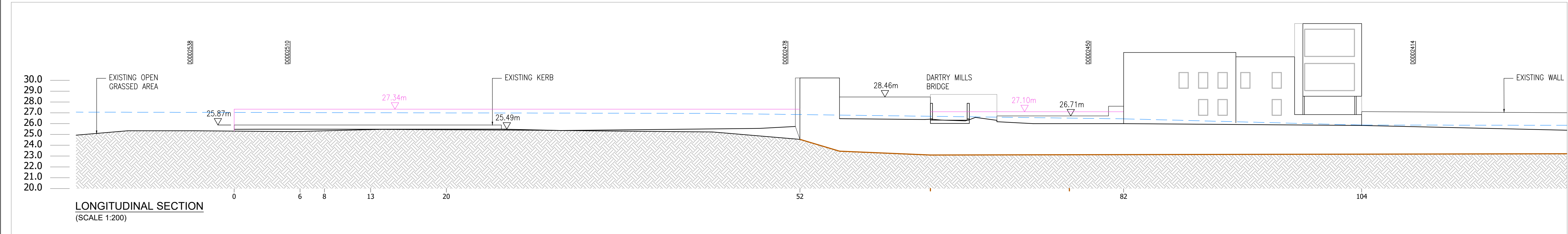


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREAS 2A (OPTION 2) & 2B
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATION
DARTRY PARK

STATUS
FOR INFORMATION

Date: 14.10.22	Scale: AS SHOWN	Drawn: LT	Chk: OL	App: SH
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4006	Rev:		00

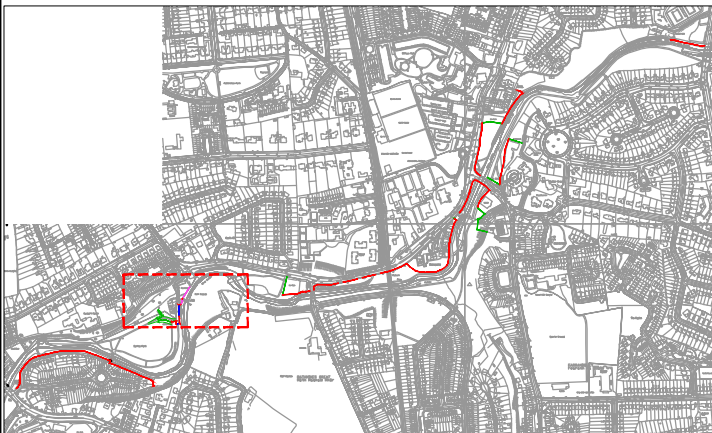


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LEGEND:

DESIGN FLOOD LEVEL	---
UPGRADE EXISTING WALL	---
NEW FLOOD DEFENCE WALL	---
GLASS WALL WITHIN FLOOD DEFENCE WALL	---
FLOOD GATE WITHIN FLOOD DEFENCE WALL	---
NEW FLOOD DEFENCE RAMP, EMBANKMENT & RAISED GROUND	---
PROPOSED ACCESS PATH	---
SECTION ID/DRAWING NUMBER	A 4009
EXISTING GRAVITY SEWER	FS FS
EXISTING GAS MAIN	GAS GAS
EXISTING ESB UNDERGROUND	ESB U/G
EXISTING ESB OVERHEAD	ESB O/H
EXISTING WATERMAIN	WATER WATER
EXISTING EIRCOM	EIRCOM EIRCOM



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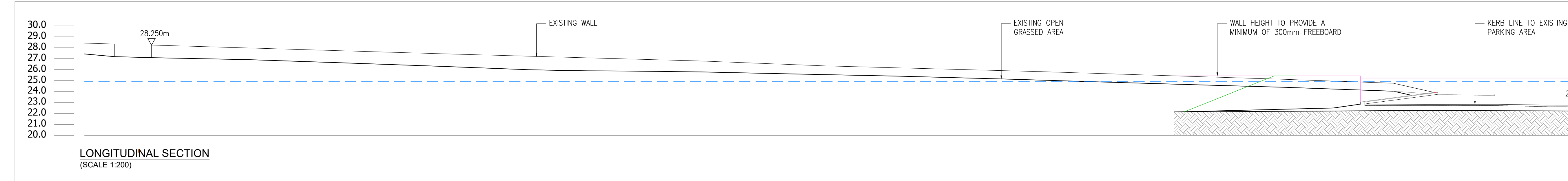


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREAS 2C & 2D
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATION
DODDER WALK

STATUS
FOR INFORMATION

Date: 14.10.22	Scale: AS SHOWN	Drawn: LT	Chk: OL	App: SH
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4008	Rev: 00		



GENERAL NOTES

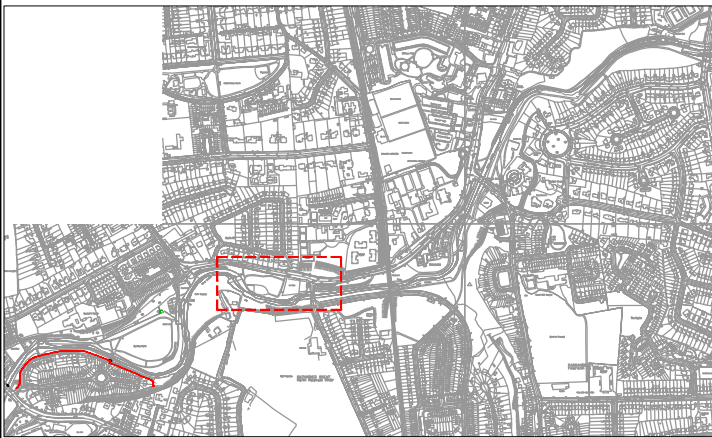


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LEGEND:

- DESIGN FLOOD LEVEL
- UPGRADE EXISTING WALL
- NEW FLOOD DEFENCE WALL
- NEW FLOOD DEFENCE RAMP, EMBANKMENT & RAISED GROUND
- PROPOSED ACCESS PATH
- SECTION ID/DRAWING NUMBER
- OUTLINE OF CARPARK FUTURE REDEVELOPMENT



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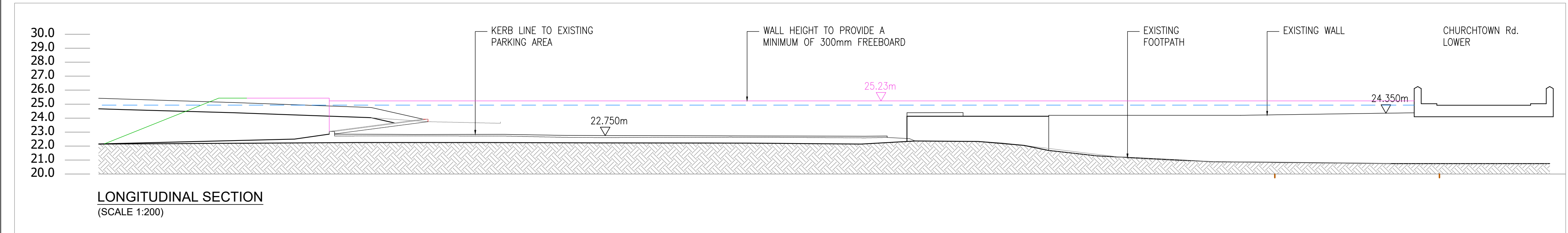


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREA 3A
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
PARK

STATUS
FOR INFORMATION

Date: 14.10.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4010	Rev: 00		



GENERAL NOTES

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LEGEND:

DESIGN FLOOD LEVEL

UPGRADE EXISTING WALL

NEW FLOOD DEFENCE WALL

NEW FLOOD DEFENCE RAMP, EMBANKMENT & RAISED GROUND

PROPOSED ACCESS PATH

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PROJECT

RIVER DODDER FAS PHASE 3

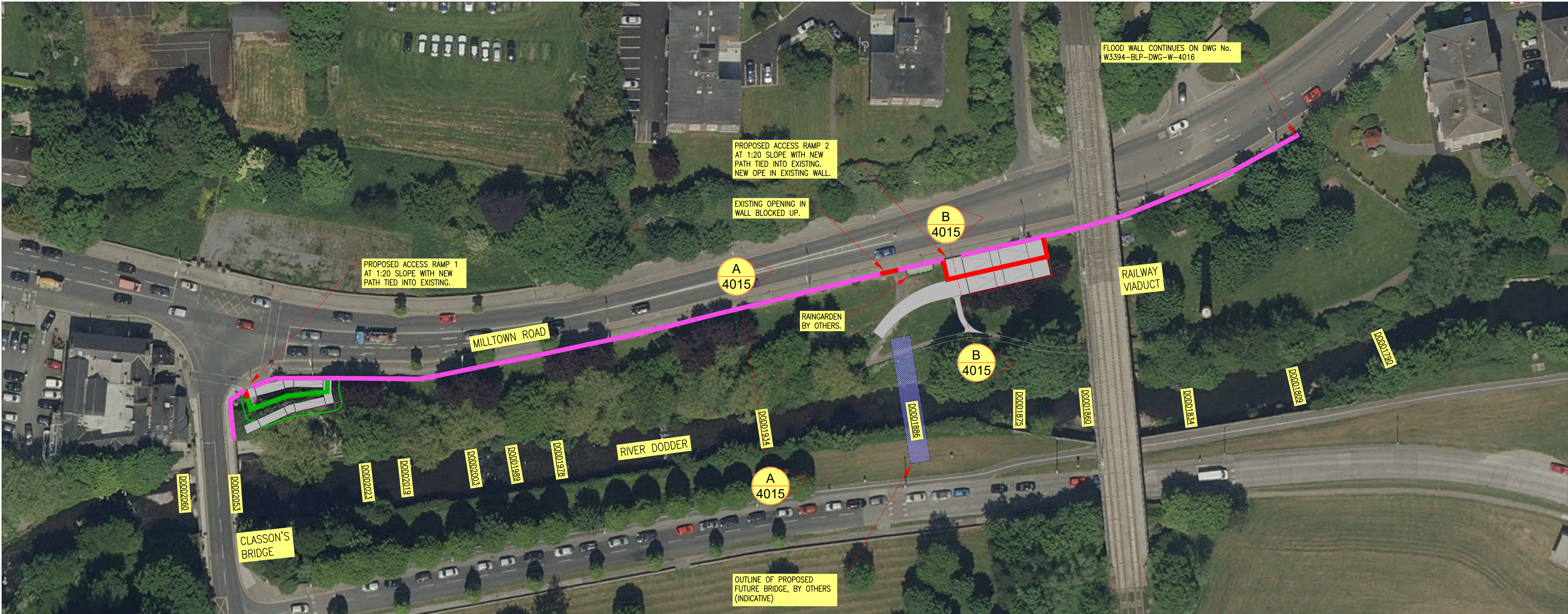
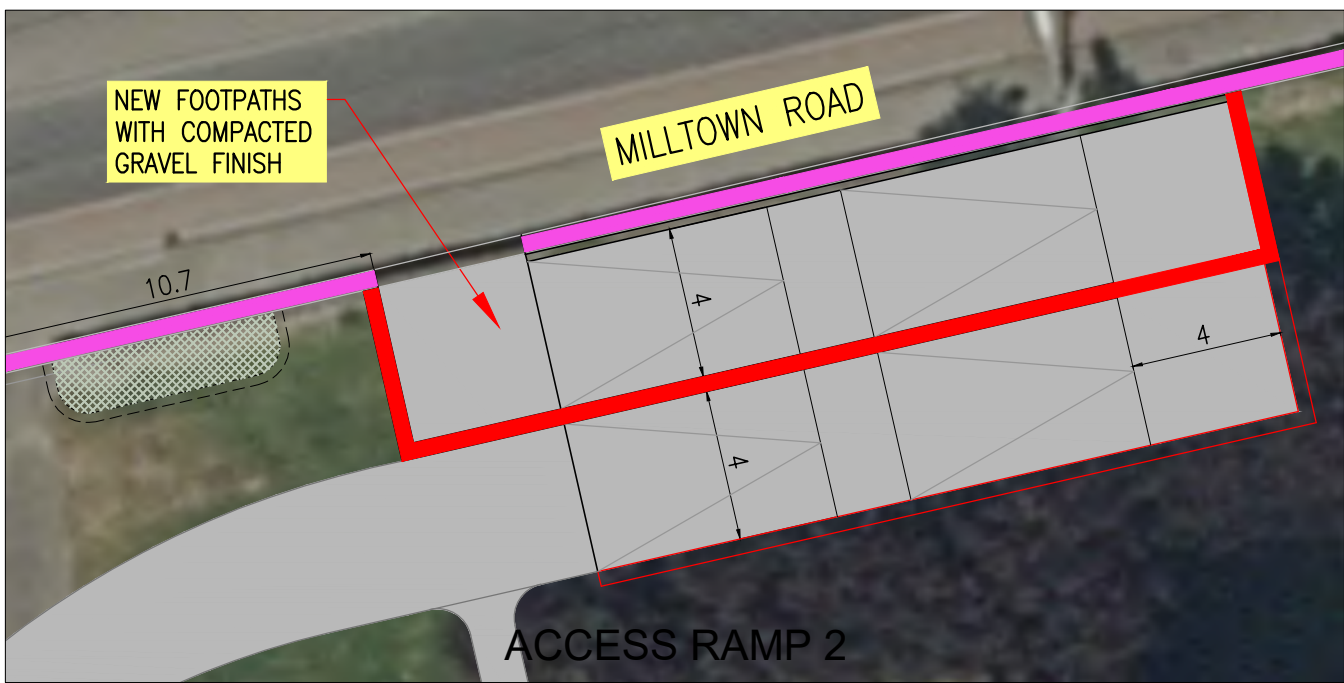
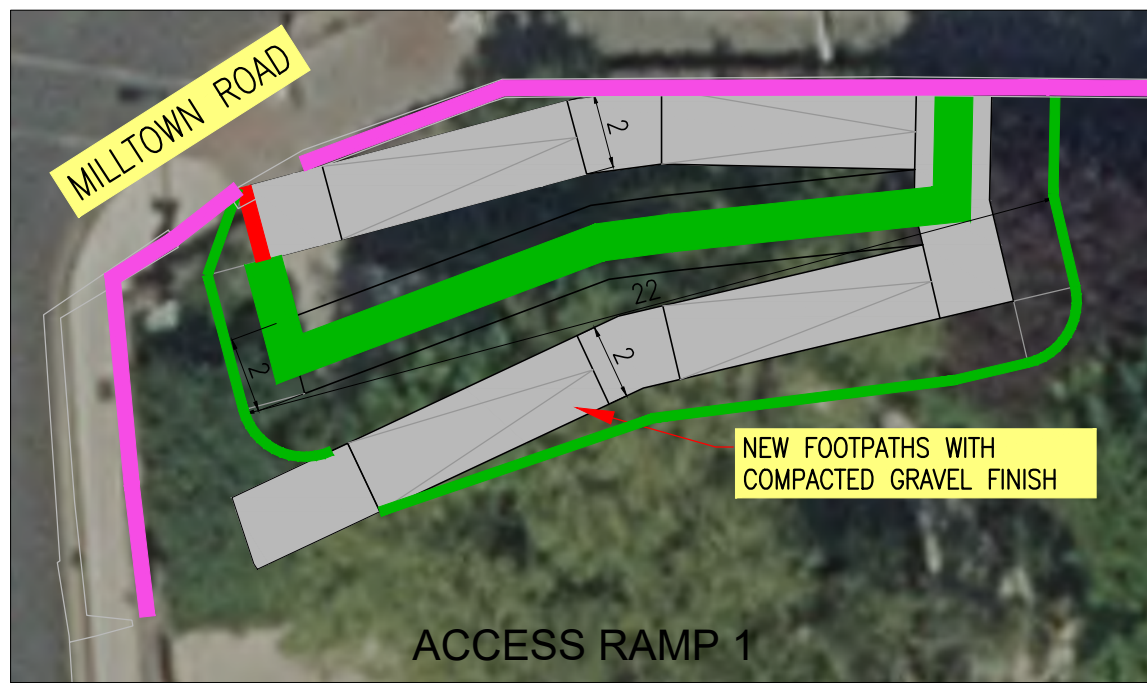
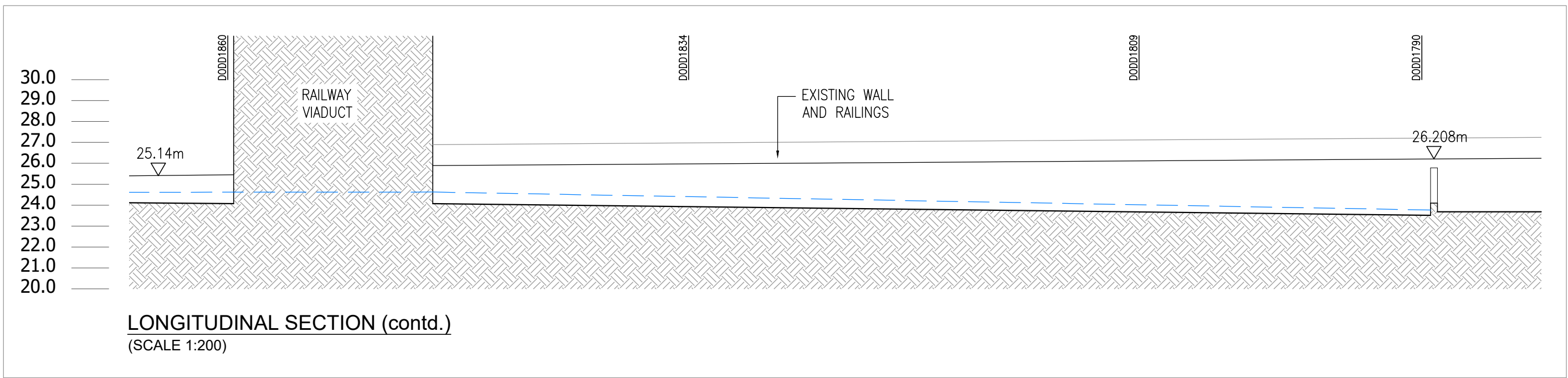
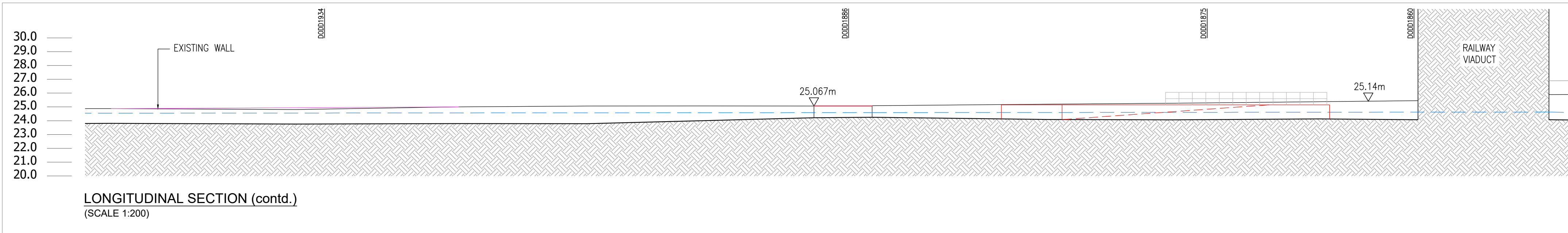
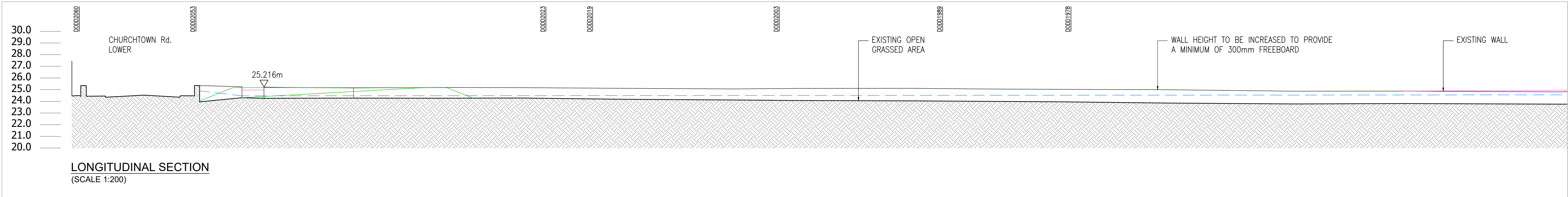
DRAWING TITLE

AREA 3B
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
DROPPING WELLS

STATUS

FOR INFORMATION

Date: 14.10.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4012		Rev:	00



GENERAL NOTES

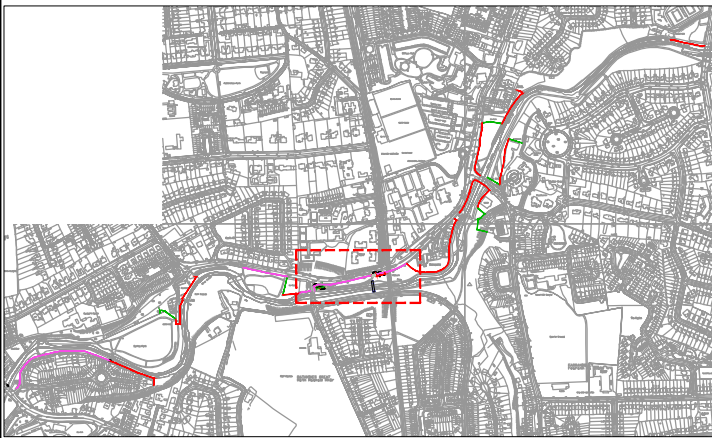


NOTES:

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LEGEND:

DESIGN FLOOD LEVEL	---
UPGRADE EXISTING WALL	---
NEW FLOOD DEFENCE WALL	---
NEW FLOOD DEFENCE RAMP	---
EMBANKMENT & RAISED GROUND	---
NEW FOOTPATH	---
SECTION ID/DRAWING NUMBER	---
PROPOSED GREENWAY BRIDGE (BY OTHERS)	---
PROPOSED RAIN GARDEN (BY OTHERS)	---



KEYPLAN:

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00	27.10.22	ISSUE FOR INFORMATION	LT	KBS	KT
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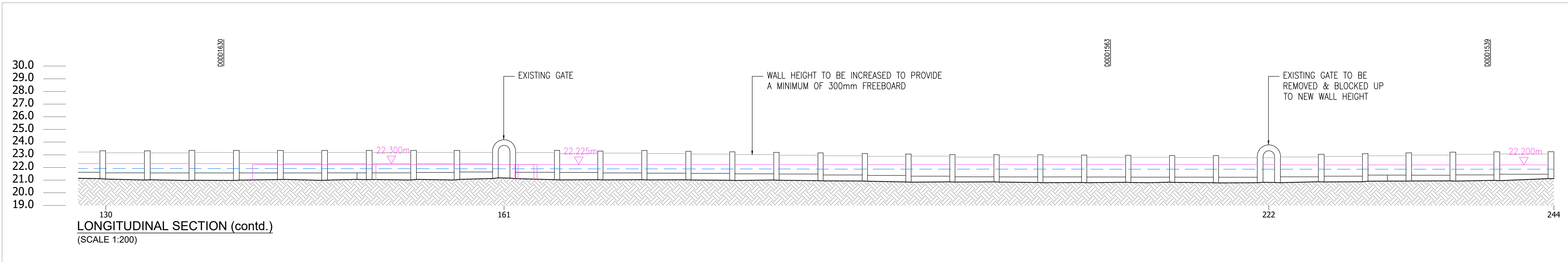
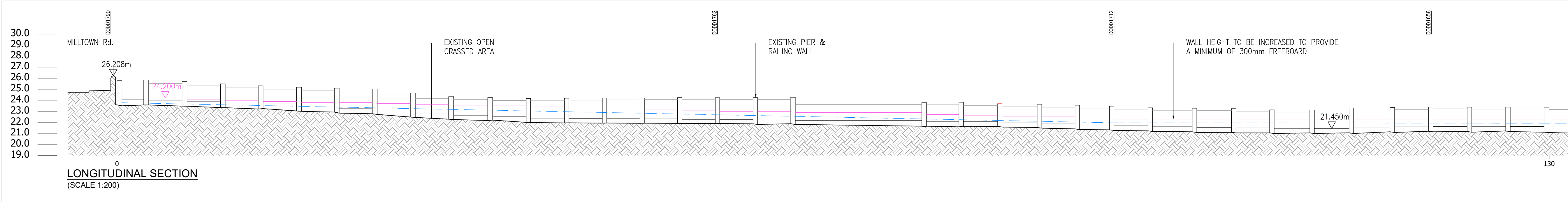


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREA 3C
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
MILLTOWN ROAD

STATUS
FOR INFORMATION

Date: 27.10.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4014	Rev: 00		



GENERAL NOTES

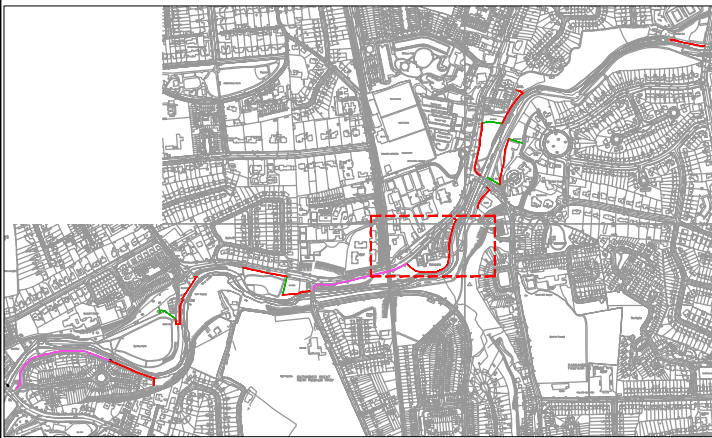


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LEGEND:

- DESIGN FLOOD LEVEL
- UPGRADE EXISTING WALL
- NEW FLOOD DEFENCE WALL
- NEW FLOOD DEFENCE RAMP
- EMBANKMENT & RAISED GROUND
- PEDESTRIAN ACCESS



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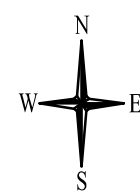
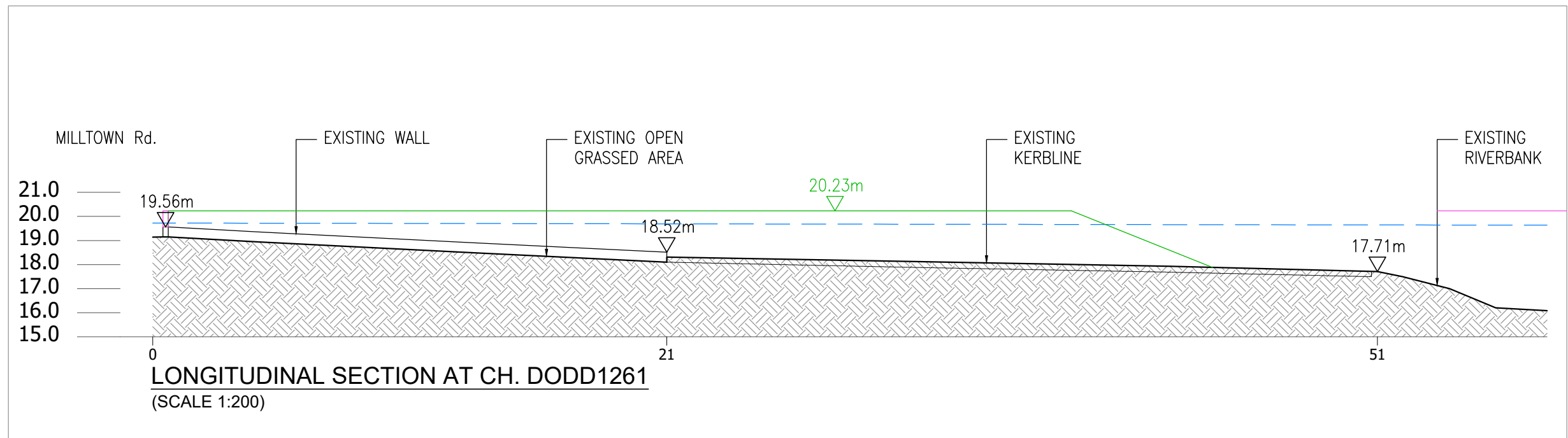
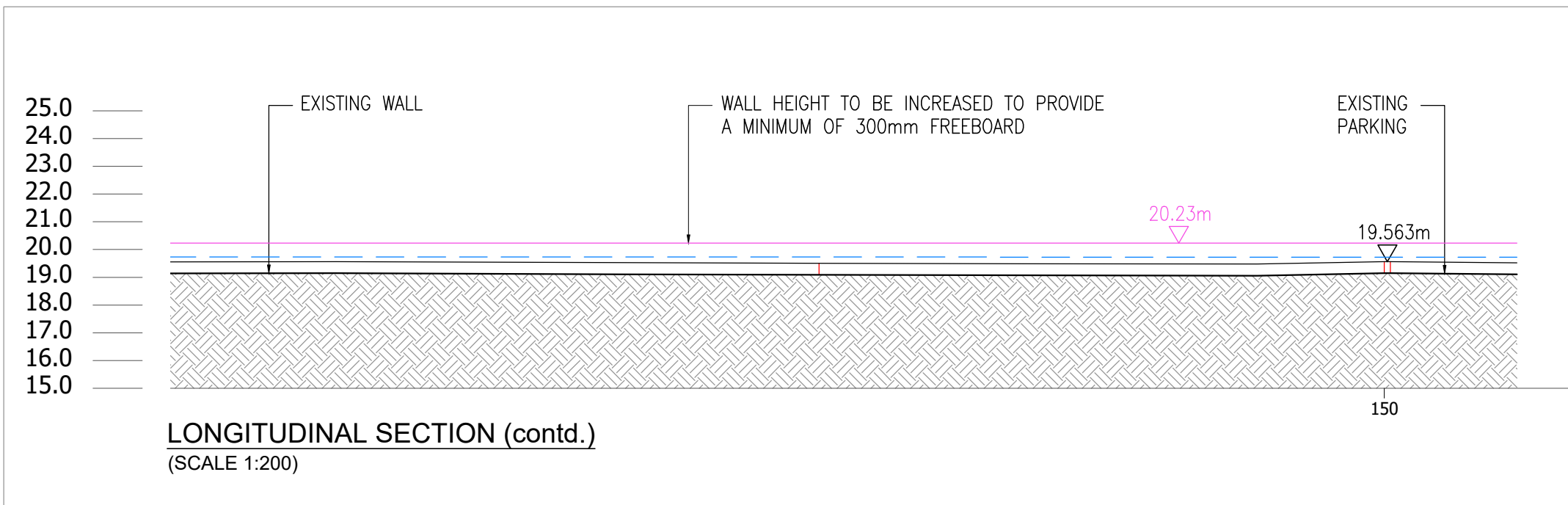
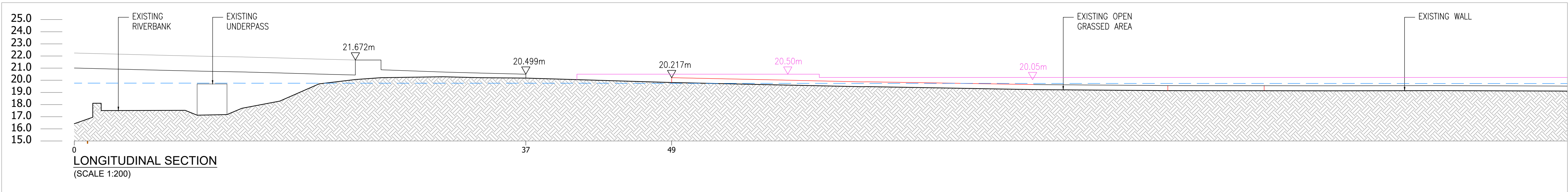


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREA 3D
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
SHANAGARRY

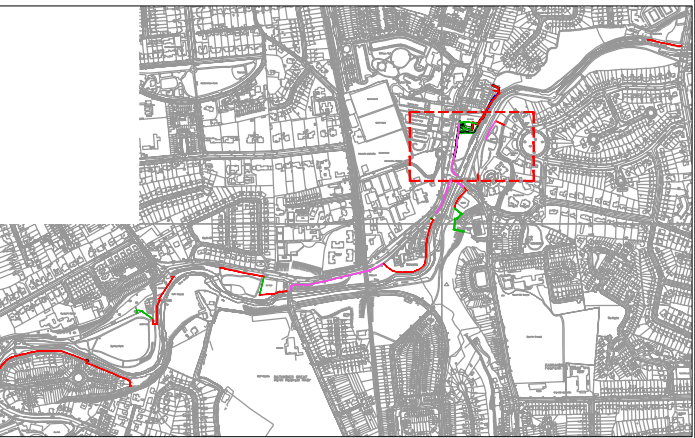
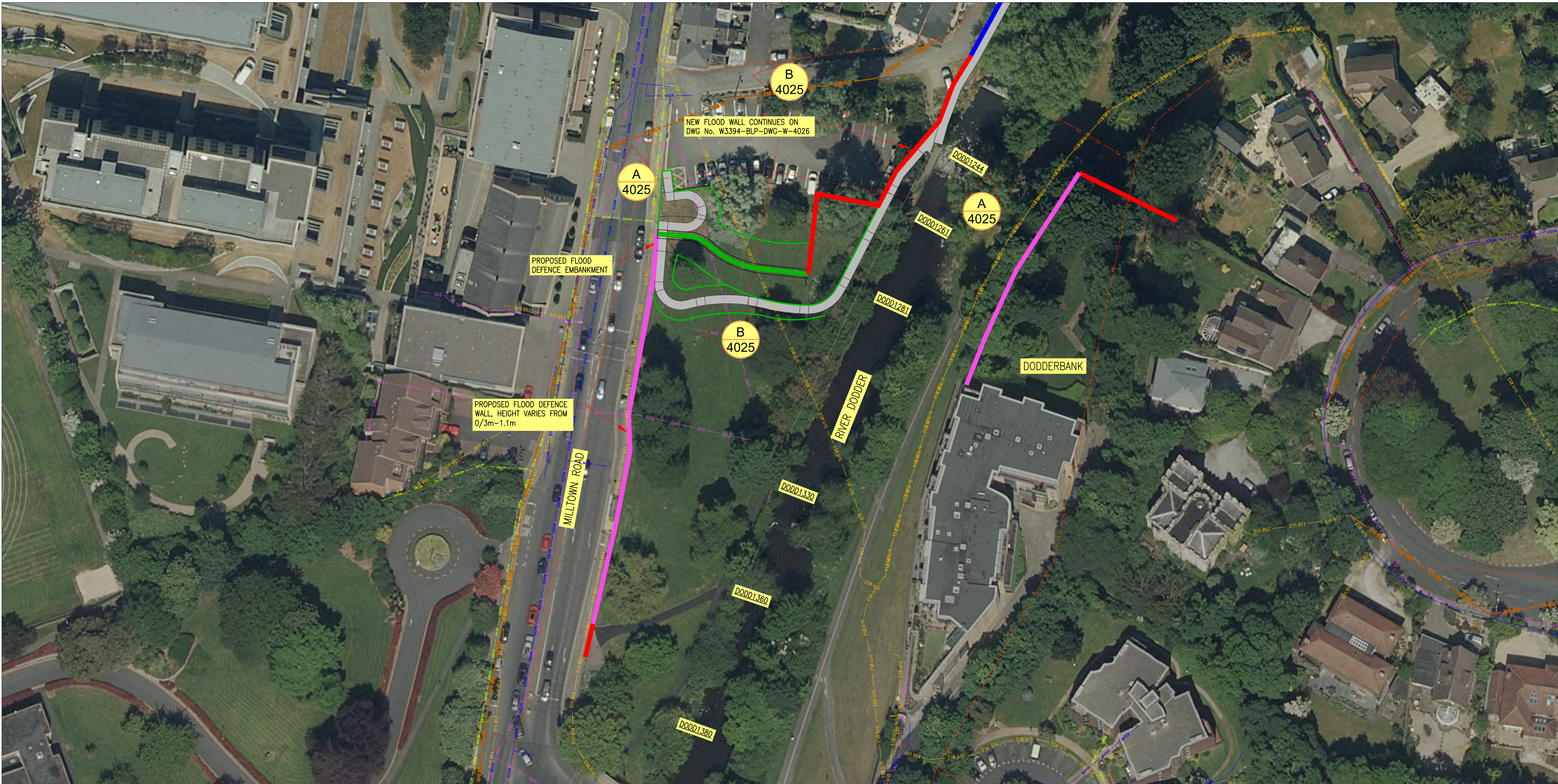
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Date: 02.11.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4016	Rev: 00		



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- LEGEND:
- DESIGN FLOOD LEVEL
- UPGRADE EXISTING WALL
- NEW FLOOD DEFENCE WALL
- NEW FLOOD DEFENCE RAMP, EMBANKMENT & RAISED GROUND
- SECTION ID/DRAWING NUMBER
- EXISTING GRAVITY SEWER
- EXISTING GAS MAIN
- EXISTING ESB UNDERGROUND
- EXISTING ESB OVERHEAD
- EXISTING WATERMAIN
- EXISTING EIRCOM
- PEDESTRIAN ACCESS
- FS
- GAS
- ESB U/G
- ESB O/H
- WATER
- EIRCOM
- A 40xx



KEYPLAN:

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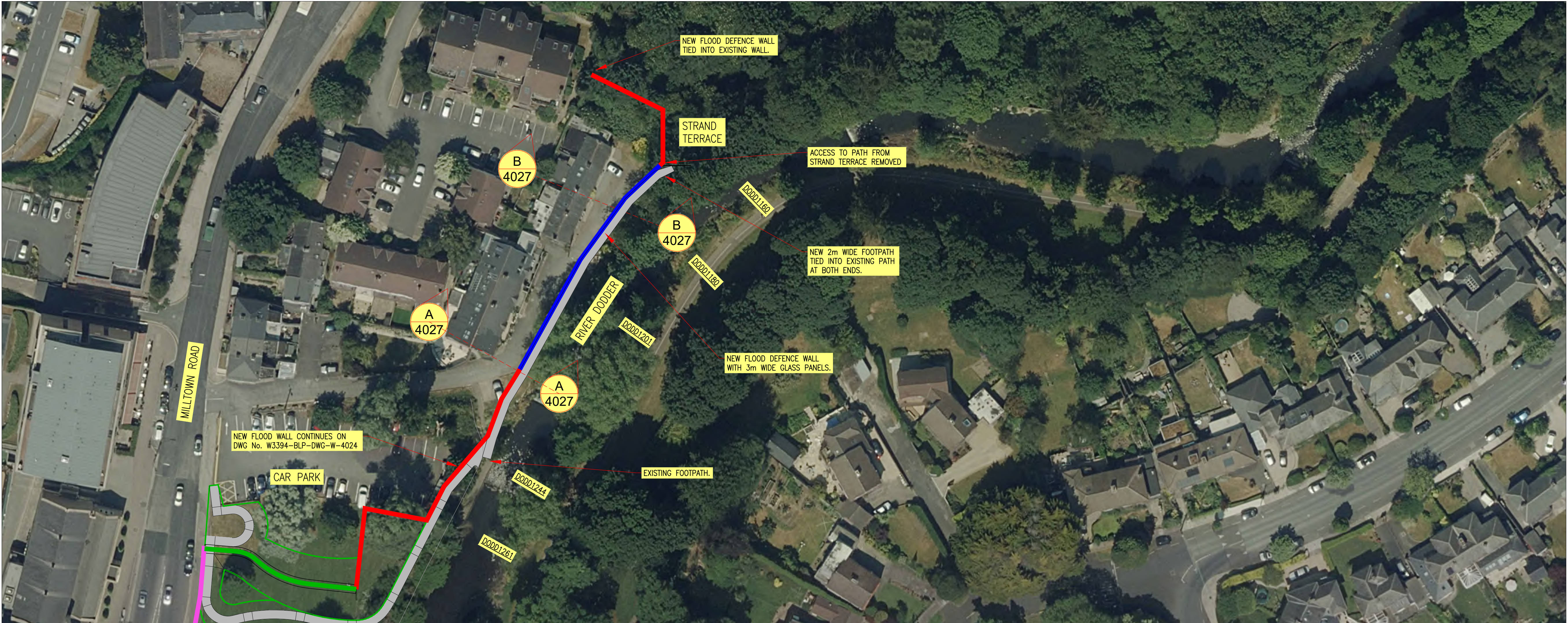
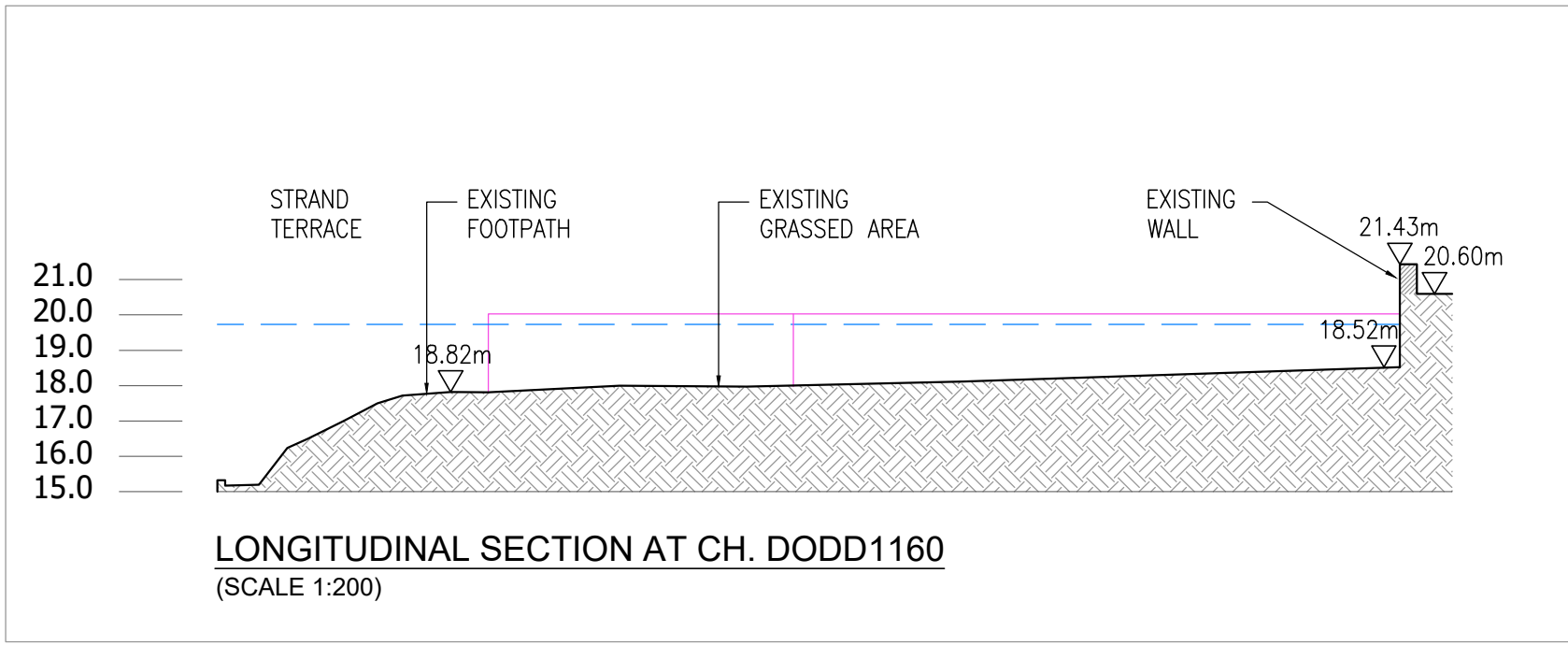
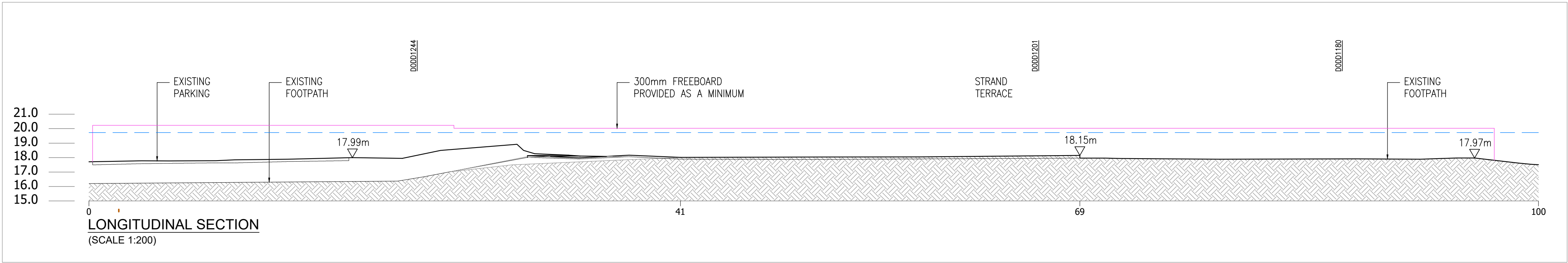


PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREA 3F OPTION 2
PROPOSED FLOOD ALLEVATION WORKS
SITE PLAN & ELEVATIONS
MILLTOWN ROAD

STATUS
FOR INFORMATION

Date: 04.11.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4024	Rev: 00		



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SITE PLAN
SCALE: 1:500

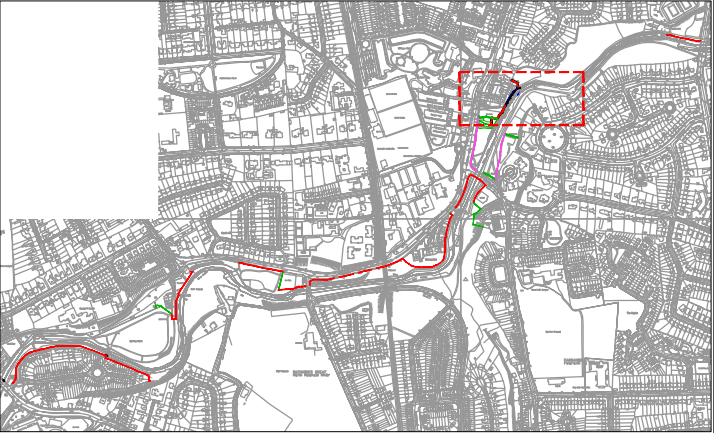


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LEGEND:

- | | |
|---|--|
| DESIGN FLOOD LEVEL | |
| UPGRADE EXISTING WALL | |
| NEW FLOOD DEFENCE WALL | |
| GLASS WALL WITHIN
FLOOD DEFENCE WALL | |
| FLOOD GATE WITHIN
FLOOD DEFENCE WALL | |
| NEW FLOOD DEFENCE RAMP,
EMBANKMENT & RAISED GROUND | |
| PROPOSED FOOTPATH | |



KEYPLAN:

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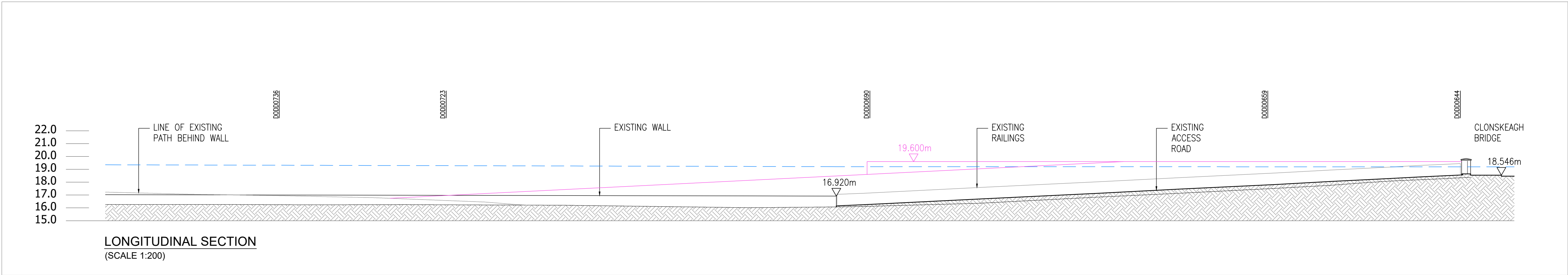
CLIENT  Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE AREA 3G
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
STRAND TERRACE

STATUS FOR INFORMATION

Date: 22.11.22	Scale: AS SHOWN	Drawn: LT	Chk: KT	App: KBS
Project No: W3394	Org. No: W3394-BLP-DWG-W-4026			Rev: 00

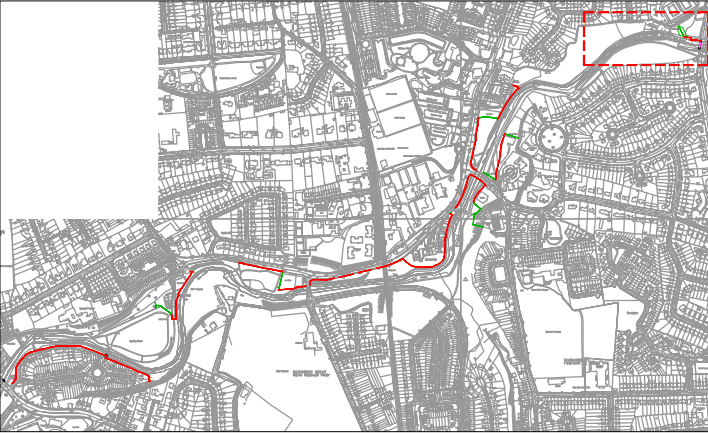
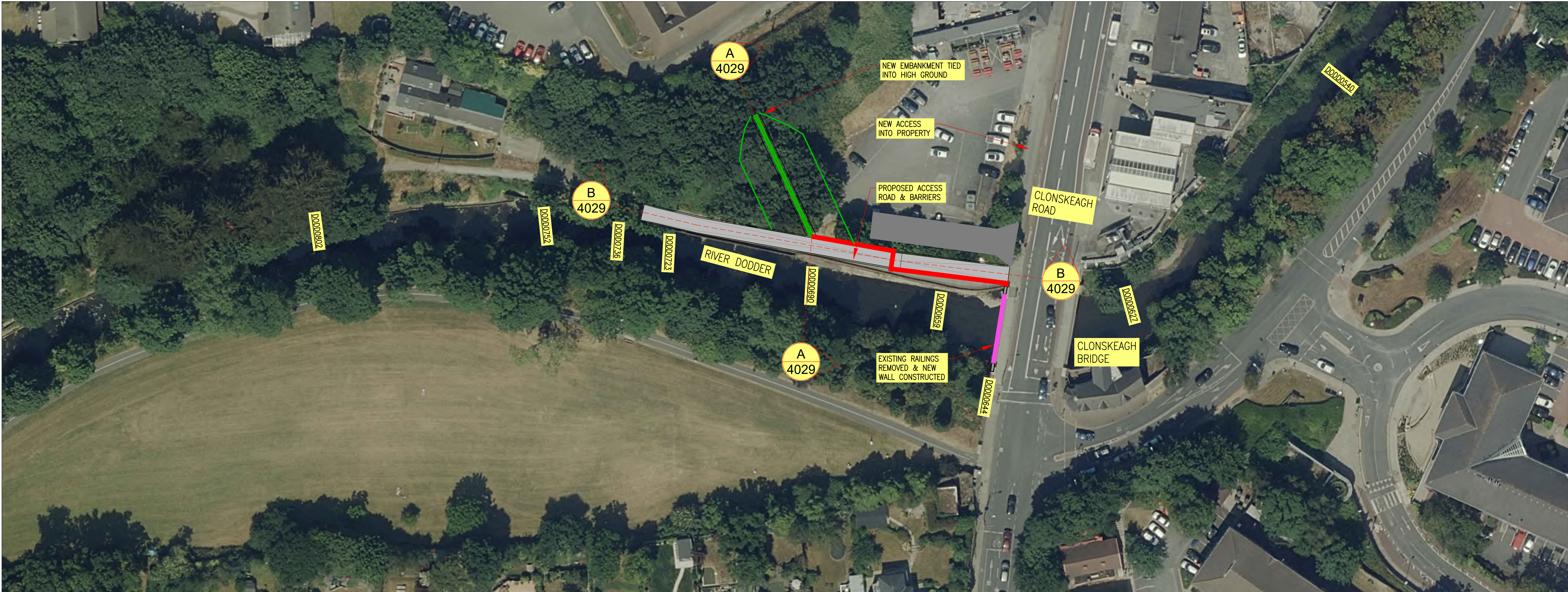


GENERAL NOTES



- NOTES:
1. ORDNANCE SURVEY IRELAND LICENCE NUMBER EN 3-3-34.
 2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
 3. ALL DIMENSIONS TO BE CHECKED ON SITE.
 4. ANY QUERIES OR DISCREPANCIES SHOULD BE REFERRED TO THE EMPLOYERS REPRESENTATIVE IMMEDIATELY.

- LEGEND:
- DESIGN FLOOD LEVEL (dashed blue line)
 - UPGRADE EXISTING WALL (dashed blue line)
 - NEW FLOOD DEFENCE WALL (solid red line)
 - NEW FLOOD DEFENCE RAMP (solid green line)
 - EMBANKMENT & RAISED GROUND (hatched area)
 - PROPOSED ACCESS ROAD (solid grey line)



KEYPLAN:

DRAFT

00	08.11.22	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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PROJECT
RIVER DODDER FAS PHASE 3

DRAWING TITLE
AREA 4
PROPOSED FLOOD ALLEVIATION WORKS
SITE PLAN & ELEVATIONS
CLONSKEAGH ROAD

STATUS
FOR INFORMATION

Date: 08.11.22	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: W3394	Dwg. No: W3394-BLP-DWG-W-4028	Rev: 00		