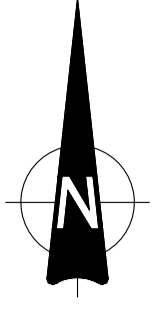


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GENERAL NOTES

- LEGEND:**
- STUDY AREA
 - AREA OF PEAT AS INDICATED BY THE BGS GEOINDEX VIEWER.
 - 'DEVELOPMENT HIGH RISK' ZONES, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - + APPROXIMATE LOCATIONS OF SUSPECTED SHAFTS, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - + APPROXIMATE LOCATION OF SUSPECTED ADITS, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - ALLUVIUM: SAND, GRAVEL, SILT AND CLAY WITH SOME POCKETS OF PEAT AS PER BGS, SHEET Z2E, SOLID AND DRIFT, 1:50000.
 - MINE SHAFT DEVELOPMENT STANDOFF (40m).

P01	30.08.19	ISSUED FOR INFORMATION	RD
Rev	Date	Description	By

Amendments

Project
BELFIELD INTERCHANGE, KILMARNOCK

Title
GROUND STABILITY CONSTRAINTS

Client
EAST AYRSHIRE COUNCIL

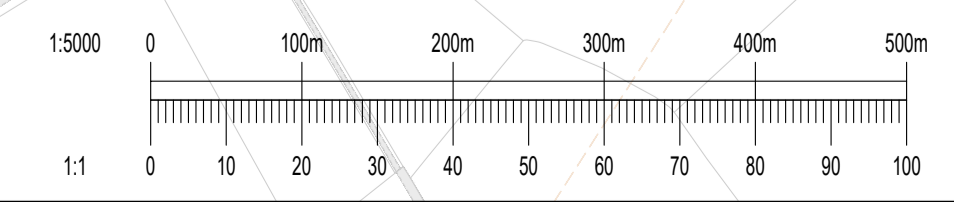


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Status
PRELIMINARY

Designed By	RD	Checked By	CG	Waterman Ref	WIE15839
Drawn By	RD	Date	01.08.19	Scales @ A1	1:5000

Project	Originator	Volume	Level	Type	Role	Number	Revision
15839-WIE-ZZ-XX-DR-C-83100							P01





Appendix 5: Schematic Infrastructure Improvement Plan










Schematic Infrastructure Improvement Plan

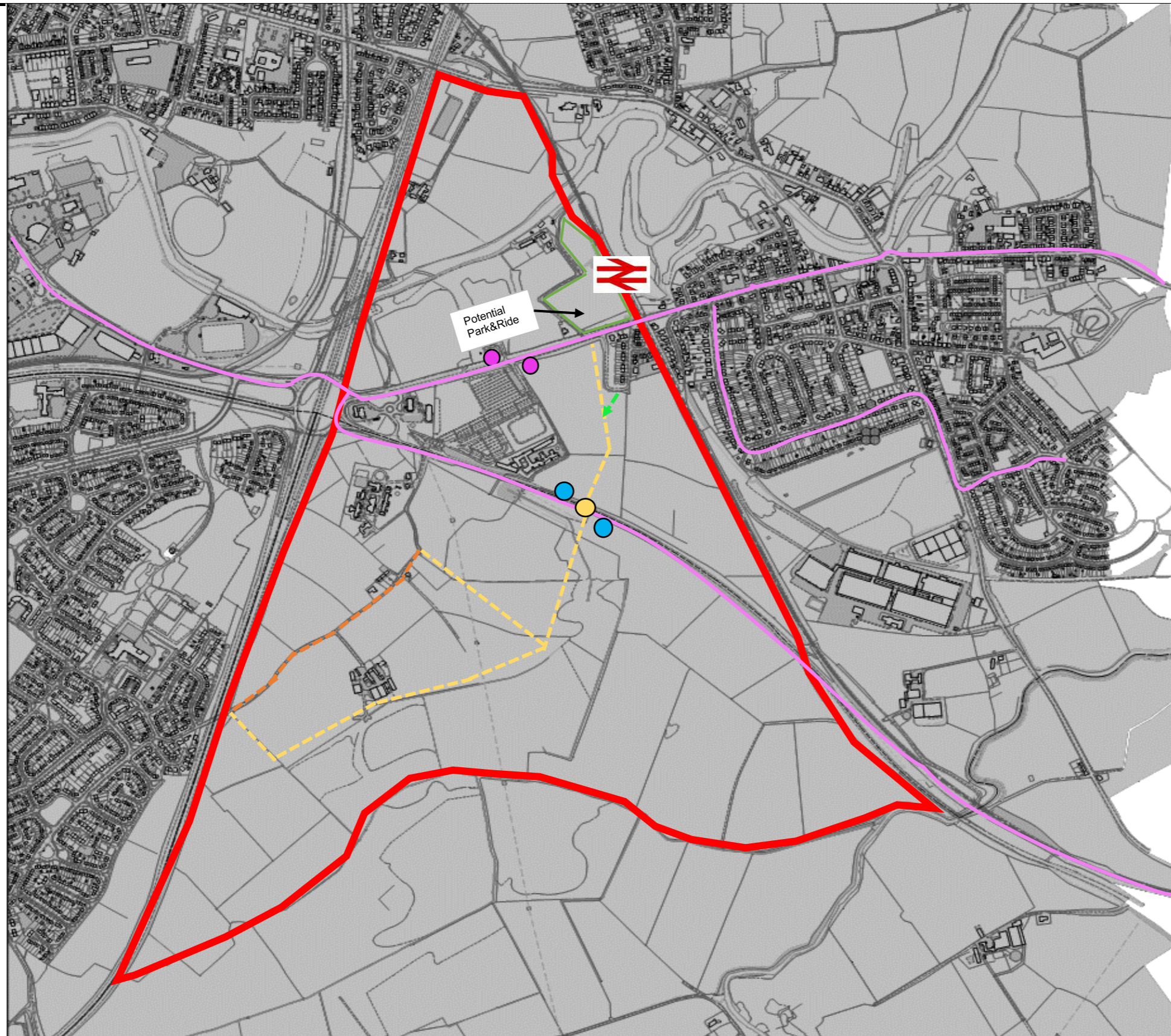
Bellfield Development

WIE15839-100

Mar-20

KEY

-  Site Boundary
-  Potential Site Access Point
-  Proposed Access Roads
-  Proposed New Pedestrian / Cycle Access
-  Existing Bus Routes
-  Existing Bus Stops
-  Proposed Bus Stops
-  Upgraded Pedestrian / Cycle Route
-  Potential Rail Halt





Appendix 6: Schematic Access Option Plan


Schematic Access Option Plan

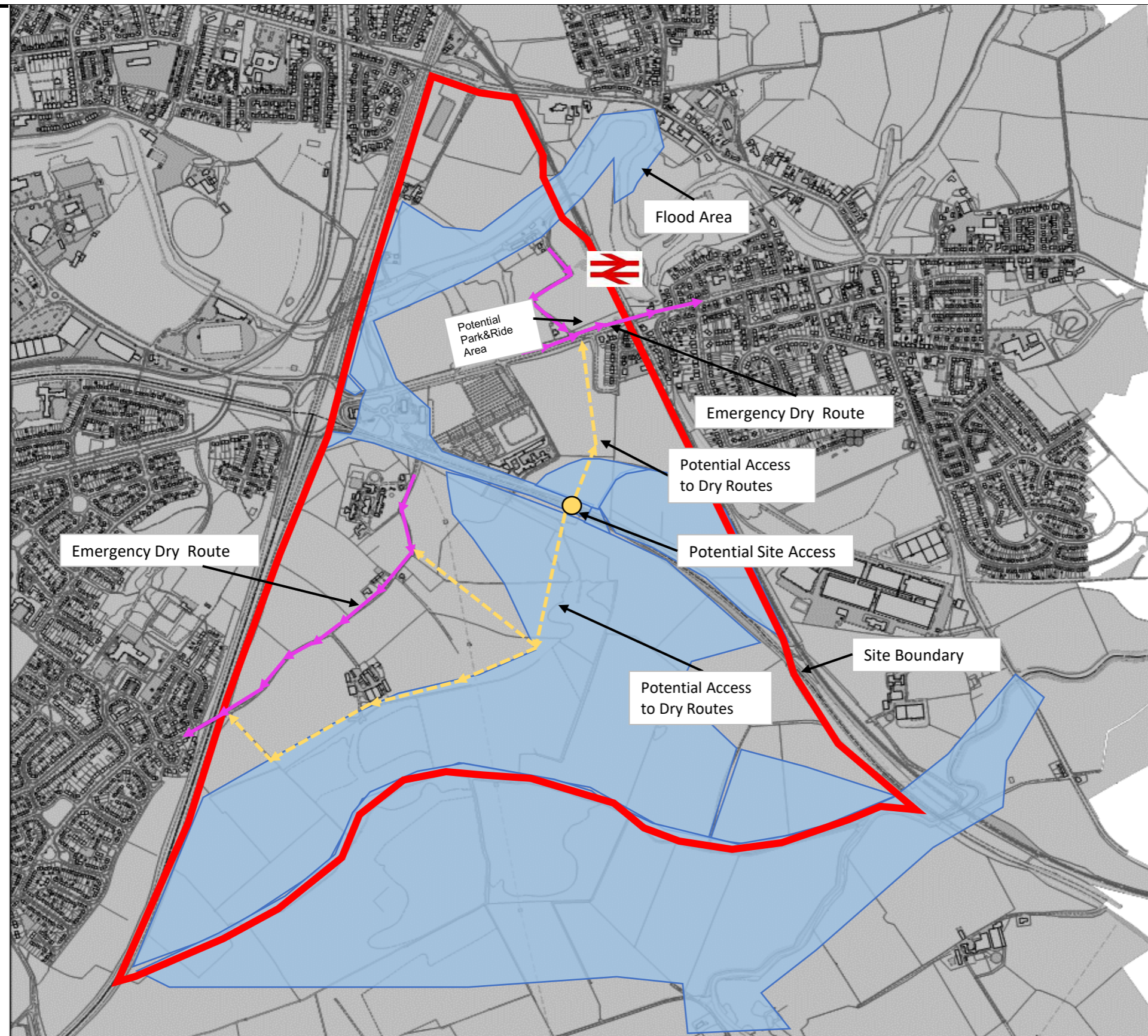
Bellfield Development

WIE15839-100

Mar-20

KEY

 Potential Rail Halt



Flood Area

Potential Park&Ride Area

Emergency Dry Route

Potential Access to Dry Routes

Potential Site Access

Site Boundary

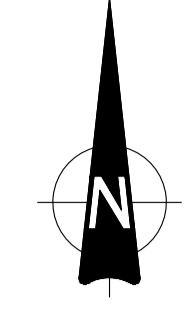
Potential Access to Dry Routes

Emergency Dry Route



Appendix 7: Flood Constraints

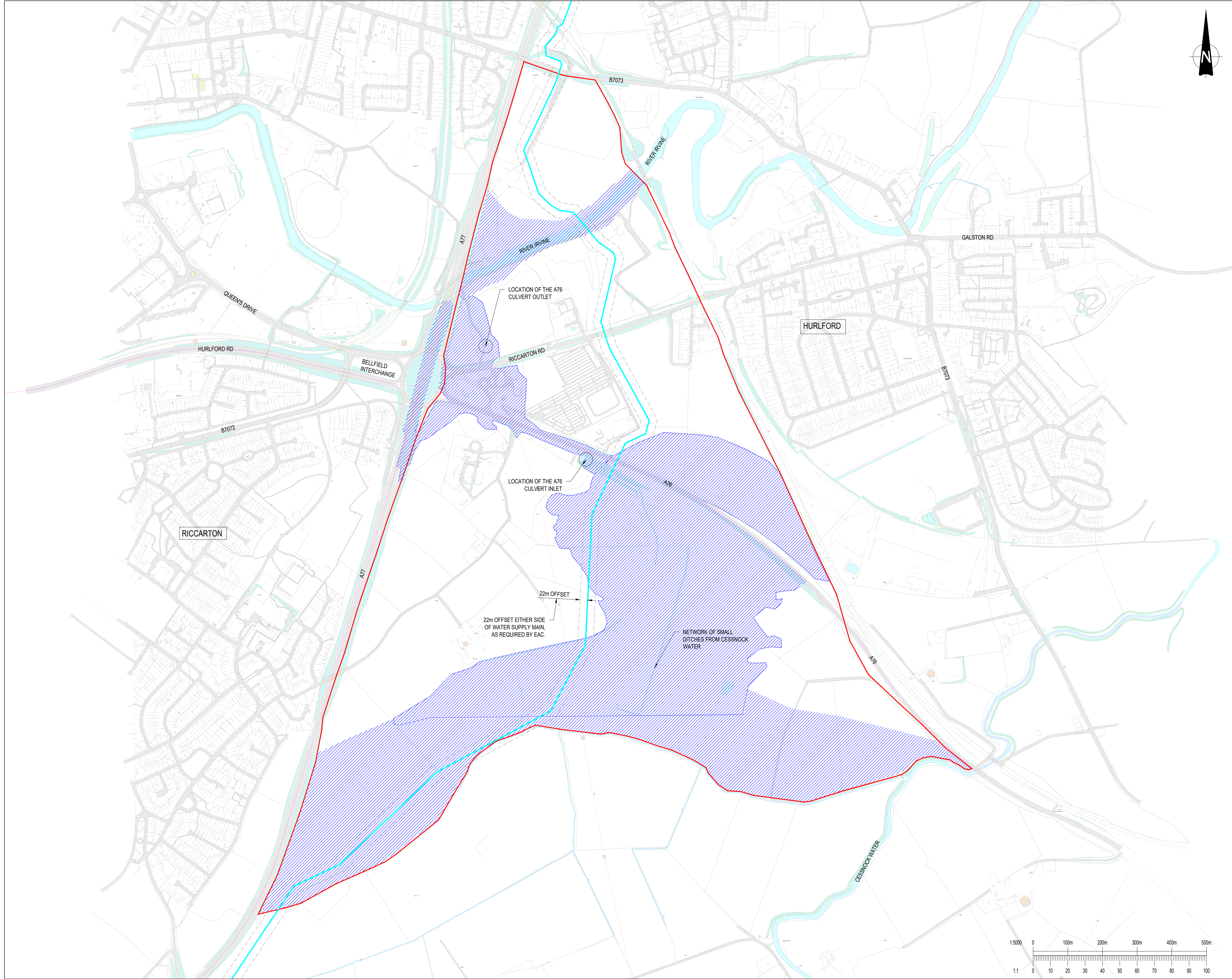
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GENERAL NOTES

- FLOOD EXTENTS WITHIN THIS DRAWING WERE EXTRACTED FROM THE IRVINE VALLEY FLOOD STUDY (2017). HOWEVER, SEPA'S CLIMATE CHANGE ALLOWANCES HAVE INCREASED TO 44% FOR FLUVIAL FLOOD RISK IN THIS AREA. THEREFORE, THE ESTIMATED 1 IN 200-YEAR PLUS CLIMATE CHANGE FLOOD EXTENTS WILL LIKELY INCREASE OVER THAT PREVIOUSLY MODELLED. AS SUCH, FURTHER CONSULTATION WITH SEPA AND EAC IS REQUIRED TO CONFIRM THE MOST APPROPRIATE METHOD OF DETERMINING FLUVIAL FLOOD EXTENTS DURING THE CLIMATE CHANGE SCENARIO.
- ANY PROPOSED SUDS FEATURES REQUIRE TO BE LOCATED OUTWITH THE FUNCTIONAL FLOODPLAIN (1 IN 200-YEAR FLOOD EXTENTS).

- LEGEND:
- STUDY AREA
 - MODELLED 1 IN 200-YEAR FLOOD EXTENTS FROM THE IRVINE VALLEY FLOOD STUDY (2017)
 - EXISTING SCOTTISH WATER MAINS WATER SUPPLY PIPELINE



P01	28.08.19	ISSUED FOR INFORMATION	RD
Rev	Date	Description	By
Amendments			

Project
BELFIELD INTERCHANGE, KILMARNOCK

Title
FLOOD CONSTRAINTS

Client
EAST AYRSHIRE COUNCIL

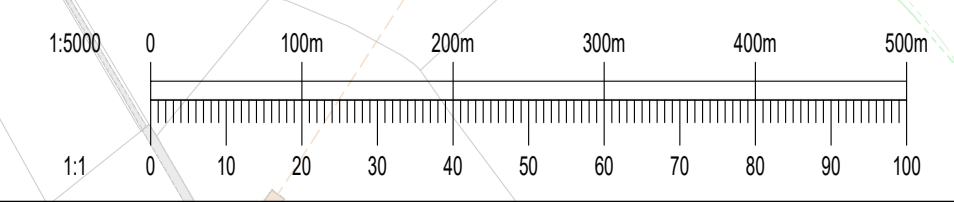


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Status
PRELIMINARY

Designed By	RD	Checked By	KM	Waterman Ref	WIE15839
Drawn By	RD	Date	31.07.19	Scales @ A1	1:5000

Project	Originator	Volume	Level	Type	Role	Number	Revision
15839-WIE-ZZ-XX-DR-C-92100							P01



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Appendix 8: Overall Constraints Plan

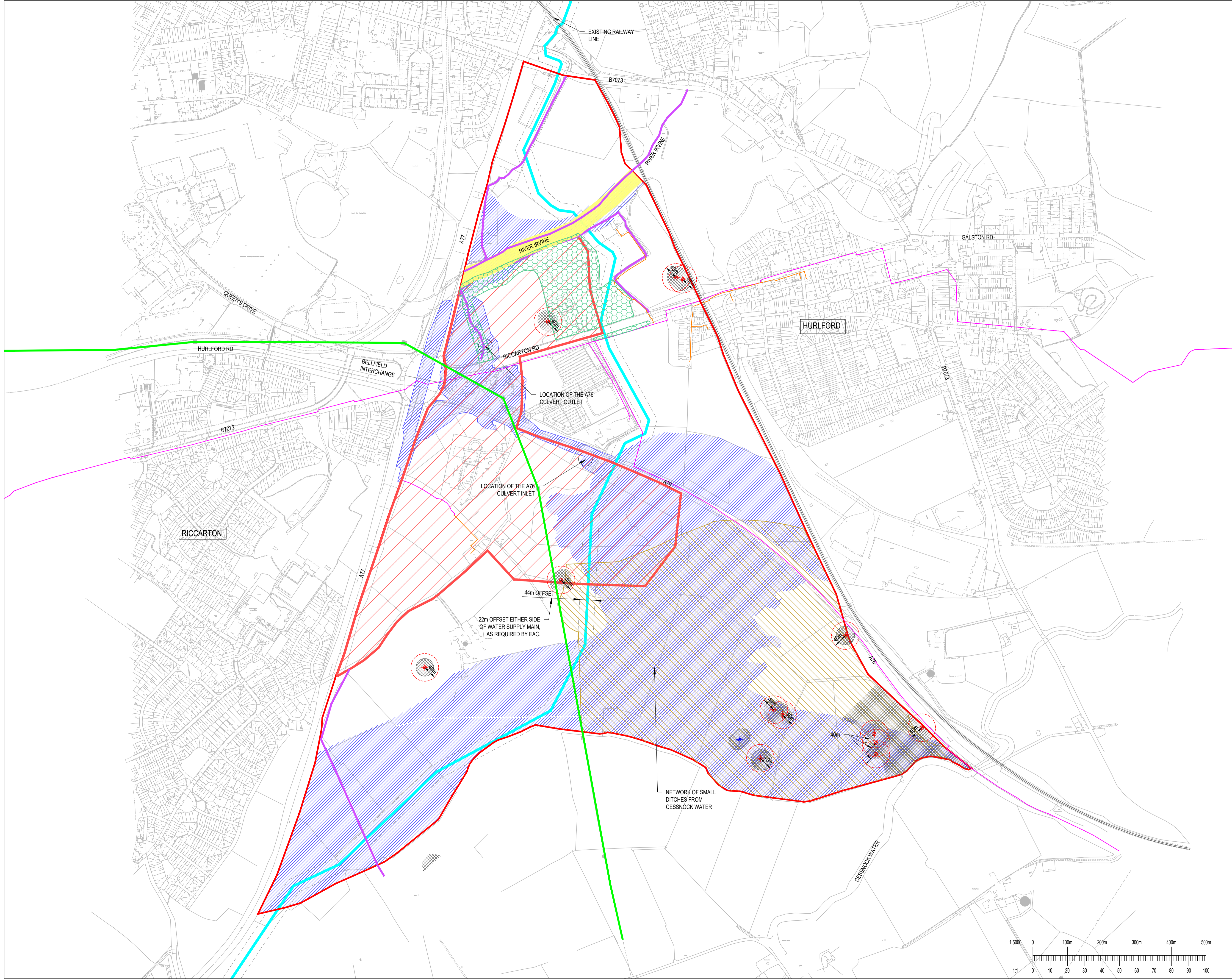
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GENERAL NOTES

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- ANY PROPOSED SUDS FEATURES REQUIRE TO BE LOCATED OUTWITH THE FUNCTIONAL FLOODPLAIN (1 IN 200-YEAR FLOOD EXTENTS).

- LEGEND:
- STUDY AREA
 - LOCAL DEVELOPMENT PLAN ALLOCATION
 - MODELLED 1 IN 200-YEAR FLOOD EXTENTS FROM THE IRVINE VALLEY FLOOD STUDY (2017)
 - PROPOSED NEW SCOTTISH WATER MAIN
 - AREA OF PEAT AS INDICATED BY THE BGS GEOINDEX VIEWER.
 - 'DEVELOPMENT HIGH RISK' ZONES, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - + APPROXIMATE LOCATIONS OF SUSPECTED SHAFTS, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - + APPROXIMATE LOCATION OF SUSPECTED ADITS, AS INDICATED BY THE COAL AUTHORITY INTERACTIVE VIEWER.
 - ALLUVIUM: SAND, GRAVEL, SILT AND CLAY WITH SOME POCKETS OF PEAT AS PER BGS, SHEET 22E, SOLID AND DRIFT, 1:50000.
 - MINE SHAFT DEVELOPMENT STANDOFF (40m).
 - AREAS OF TREE PRESERVATION ORDERS
 - CLAIMED RIGHTS OF WAY
 - OVERHEAD POWER LINES
 - INTERMEDIATE PRESSURE GAS PIPE
 - LOW PRESSURE GAS PIPE



Rev	Date	Description	By
P01	29.08.19	ISSUED FOR INFORMATION	RD

Project	Amendments		
Project	BELLFIELD INTERCHANGE, KILMARNOCK		
Title	OVERALL CONSTRAINTS PLAN		
Client	EAST AYRSHIRE COUNCIL		

BELLFIELD INTERCHANGE, KILMARNOCK

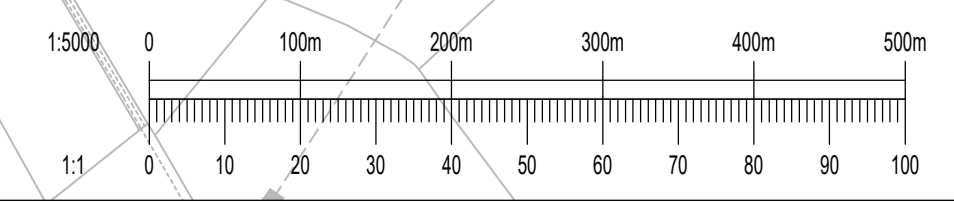
OVERALL CONSTRAINTS PLAN

EAST AYRSHIRE COUNCIL



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Status			
PRELIMINARY			
Designed By	RD	Checked By	HS
Drawn By	RD	Date	28.08.19
Project - Originator - Volume - Level - Type - Role - Number			Waterman Ref WIE15839 Scales @ A1 1:5000
15839-WIE-ZZ-XX-DR-C-90200			Revision P01





Appendix 9: Potential Development Land Areas