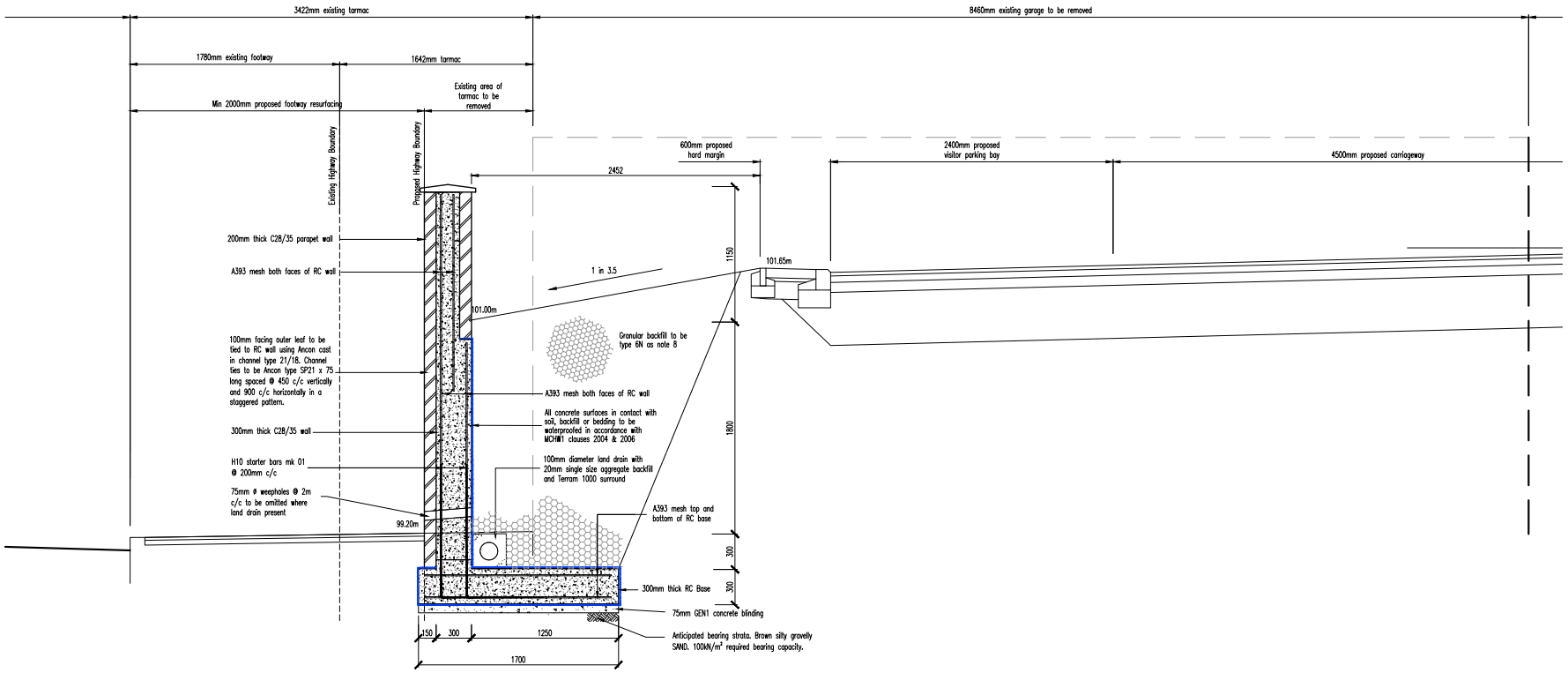
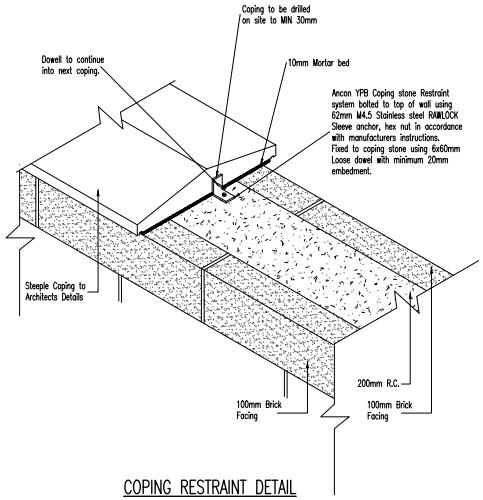
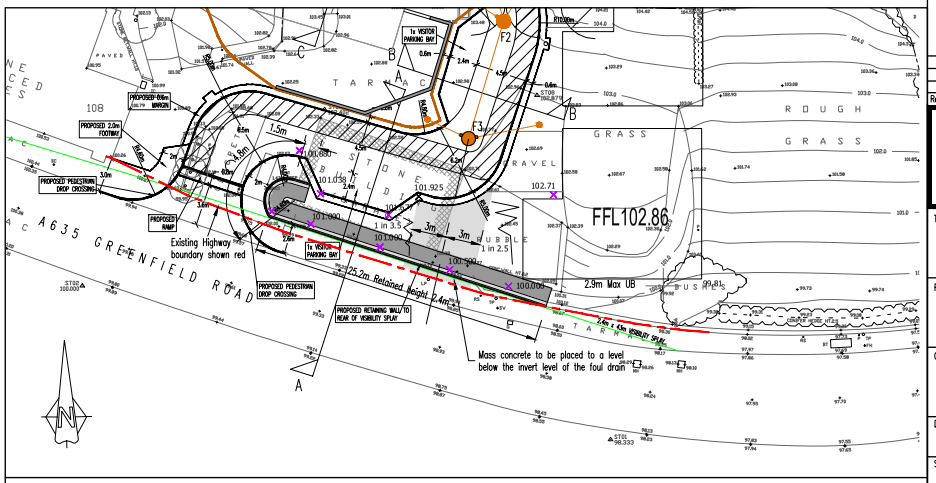


SECTION A – A
REINFORCED CONCRETE RETAINING WALL
(1:20)



COPING RESTRAINT DETAIL
(1:10)



LOCATION OF WALL
(1:250)

N O T E S

1. This drawing is to be read in conjunction with all relevant drawings, details and specifications prepared by ARP Associates for this project.
2. Do not scale from this drawing use figured dimensions only.
3. All dimensions are in millimetres, UNO. All levels are in metres AOD UNO. All levels and dimensions are to be confirmed at site prior to construction.
4. All concrete to be in accordance with BS EN 206:2013, BS 8500-1:2015, reinforcement to BS 4449:2005, Reinforcing mesh to be in accordance with BS4483:2005.
5. Concrete for highway retaining walls to be Grade C28/35 with OPC

Minimum cement content	= 280kg/m³
Maximum water : cement ratio	= 0.6
Maximum aggregate size	= 20mm
Cement & Combination Types	= All
Slump Class	= S3

6. Formed surfaces shall be Class F1. except where stated otherwise. Unformed surfaces shall be Class U.1.
7. Bearing strata at underside of foundations to have a capacity of 100kN/m². Soft spots identified to be excavated and filled with concrete.
8. Selected well graded granular backfill to be type 6N in accordance with DOT specification for Highway works series 600, Class 613.

FOR APPROVAL
(NOT TO BE USED FOR CONSTRUCTION)

Rev	By	Date	Revision	Chk	Apvd
B	DPB	22.9.20	Updated to suit Kirklees comments.	DPB	DPB
A	DPB	28.8.20	Updated to suit Kirklees comments.	DPB	DPB
	DPB	7.7.20	Issued for approval	DPB	DPB

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ARP Associates is a trading division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 07758311, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH

TITLE
RC PRIVATE RETAINING WALL ADJACENT TO HIGHWAY

PROJECT
GREENFIELD ROAD, HOLMFIRTH, HUDDERSFIELD

CLIENT
H3 PROPERTY CONSULTANTS

DRAWING STATUS
FOR APPROVAL

Scale	Date	Drawn	Chk.
AS SHOWN	JUL 20	DPB	DPB

Drg. No. 1739/02/100 Rev B