

AS-BUILT

Drawing Status
AB

Notes :
For all notes refer to sheet 1

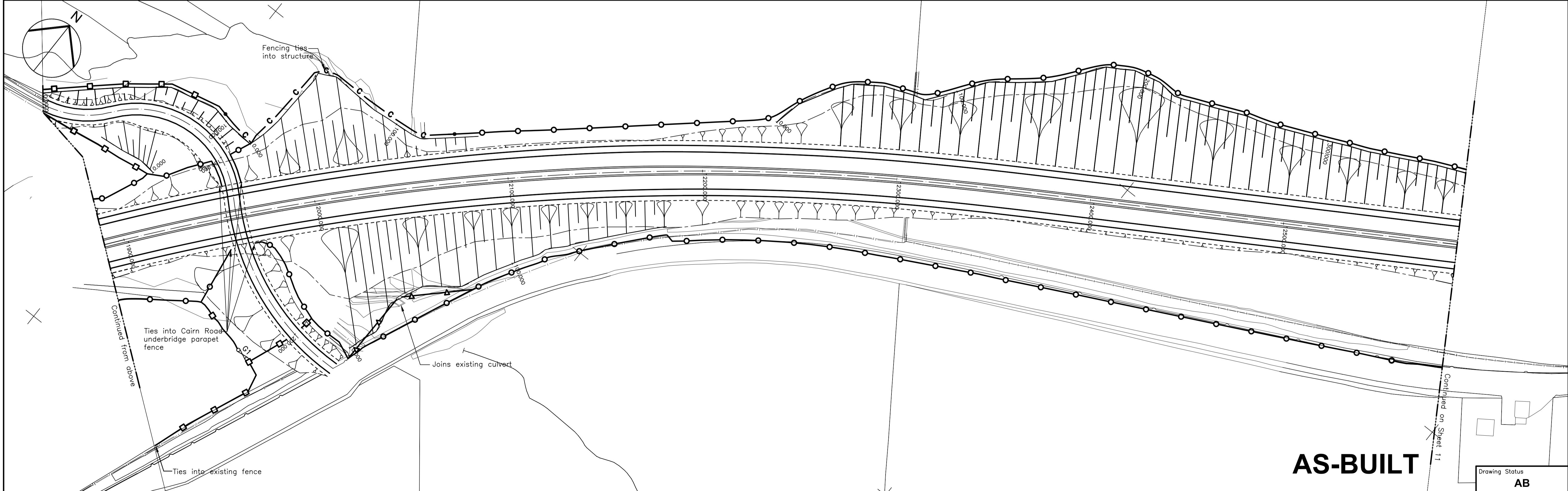
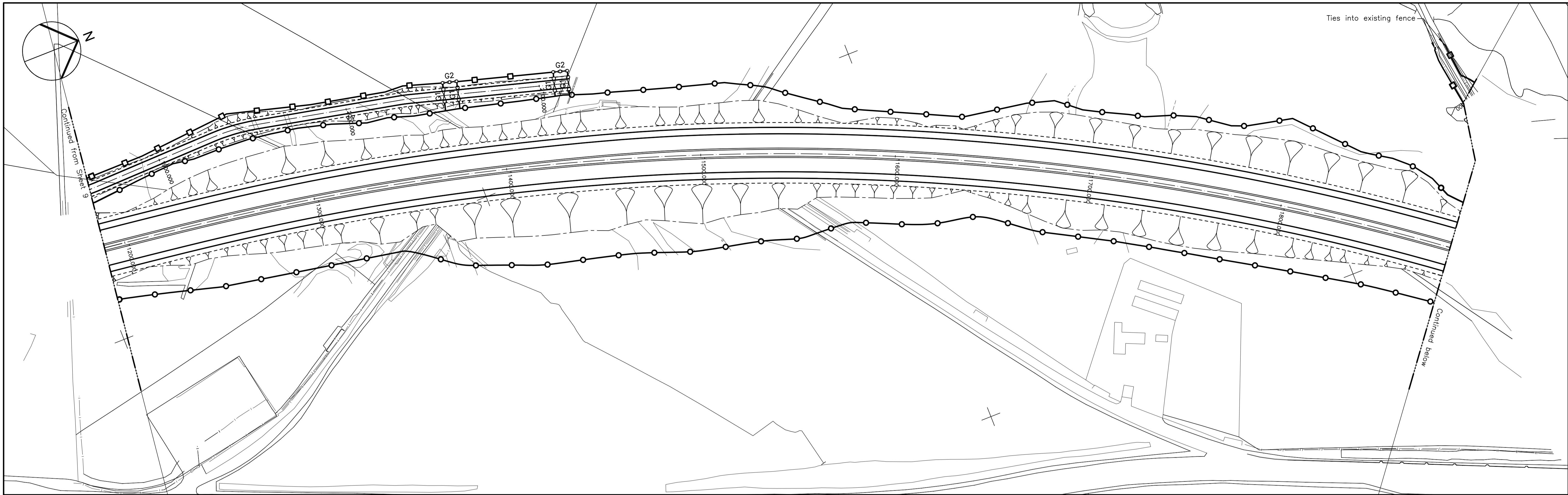


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
H	Revised as per site notes	JB	10/11/05	DW	KOH	As Built	H	
G	Updated to As Built status	PC	08/08/05	DW	KOH	As Built DCR/M77/531	G	
F	Anti-dazzle measures removed	PC	31/03/05	PA	P.A.	For Construction	F	
E	Anti-dazzle measures added	PC	26/01/05	PA	P.A.	For Construction	E	
D	Fencing added. Sheet 13 added.	PC	24/05/04	FD	P.A.	For Construction	D	
C	Fence line amended	LW	01/04/04	FD	P.A.	For review	C	
B	For Construction	LW	24/03/03	M.Mc	P.A.	For Construction	B	
A	Fenceline amended	BE	13/03/03	B.E.	P.A.	For Review	A	
0	First Issue	LW	24/02/03	P.A.	P.A.	For Review	0	

Connect

Project		M77 FENWICK - MALLET SHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		FENCING LAYOUT SHEET 9 OF 13			A1
Scale	1:1000	Drawn	Checked	Approved	Drawing No.
		L.W.	P.A.	P.A.	S001DSG/DR/M77/F03/019
		Date	Date	Date	Rev
		24/02/03	24/02/03	24/02/03	H

Drawing Name & Location:
Plot Date:



AS-BUILT

Drawing Status
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Notes :
For all notes refer to sheet 1

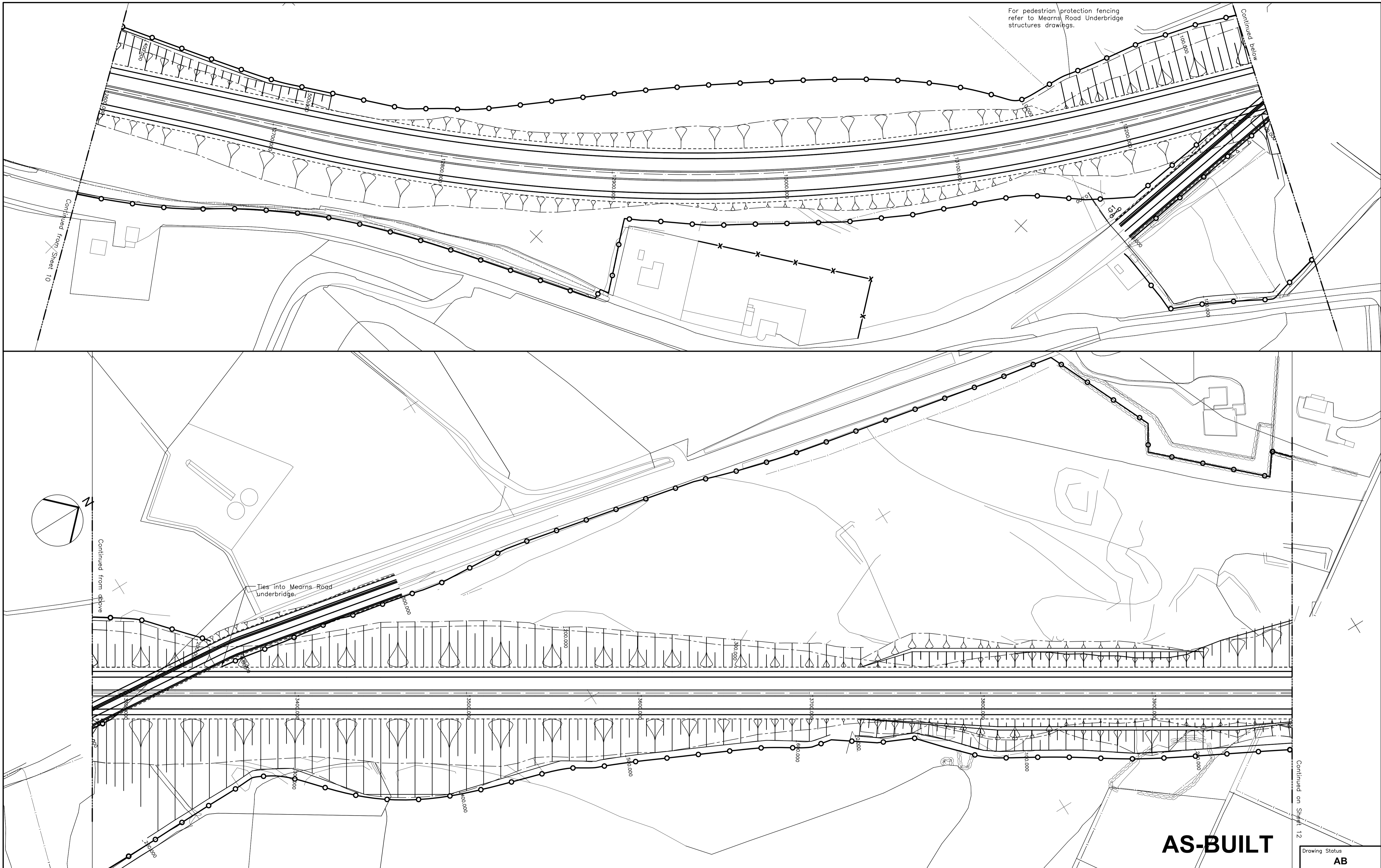


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev
J	Revised as per site notes	JB	10/11/05	DW	KOH	As Built	J
I	Updated to As Built status	PC	08/08/05	DW	KOH	As Built	I
H	Fence line amended along Cairn Road	LW	04/10/04	AC	P.A.	DCR/M77/306	H
G	Fencing added. Sheet 13 added.	PC	24/05/04	FD	P.A.	For Construction	G
F	Minor amendment	LW	06/04/04	FD	P.A.	For review	F
E	Fence line amended	LW	01/04/04	FD	P.A.	For review	E
D	Fenceline amended	LW	06/01/04	S.C.S	P.A.	For Construction	D
C	Fenceline amended	LW	15/04/03	MC	P.A.	For Construction	C
B	Fenceline amended. Roadbase amended	LW	24/03/03	M.McI	P.A.	For Construction	B

Client
Connect

Project		M77 FENWICK - MALLETSHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		FENCING LAYOUT SHEET 10 OF 13			A1
Scale	1:1000	Drawn	Checked	Approved	Drawing No.
		L.W.	P.A.	P.A.	S001DSG/DR/M77/F03/020
		Date	Date	Date	Rev
		24/02/03	24/02/03	24/02/03	J

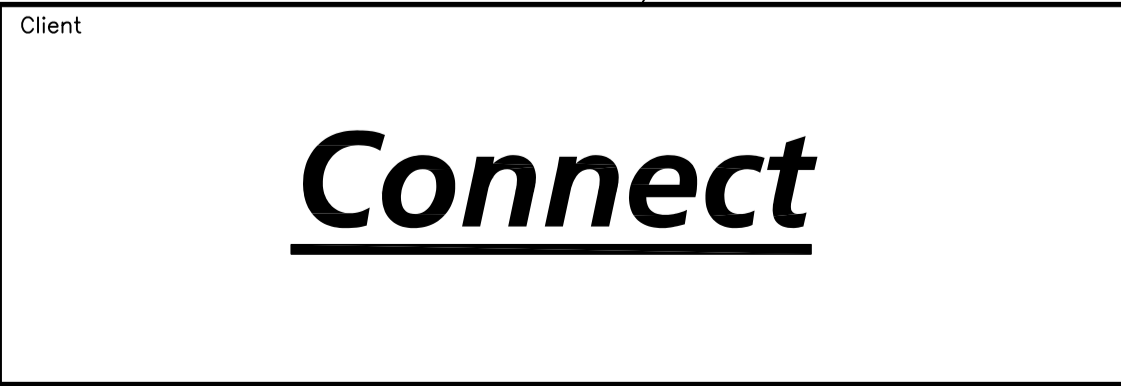
Drawing Name & Location:
Plot Date:



Notes :
For all notes refer to sheet 1

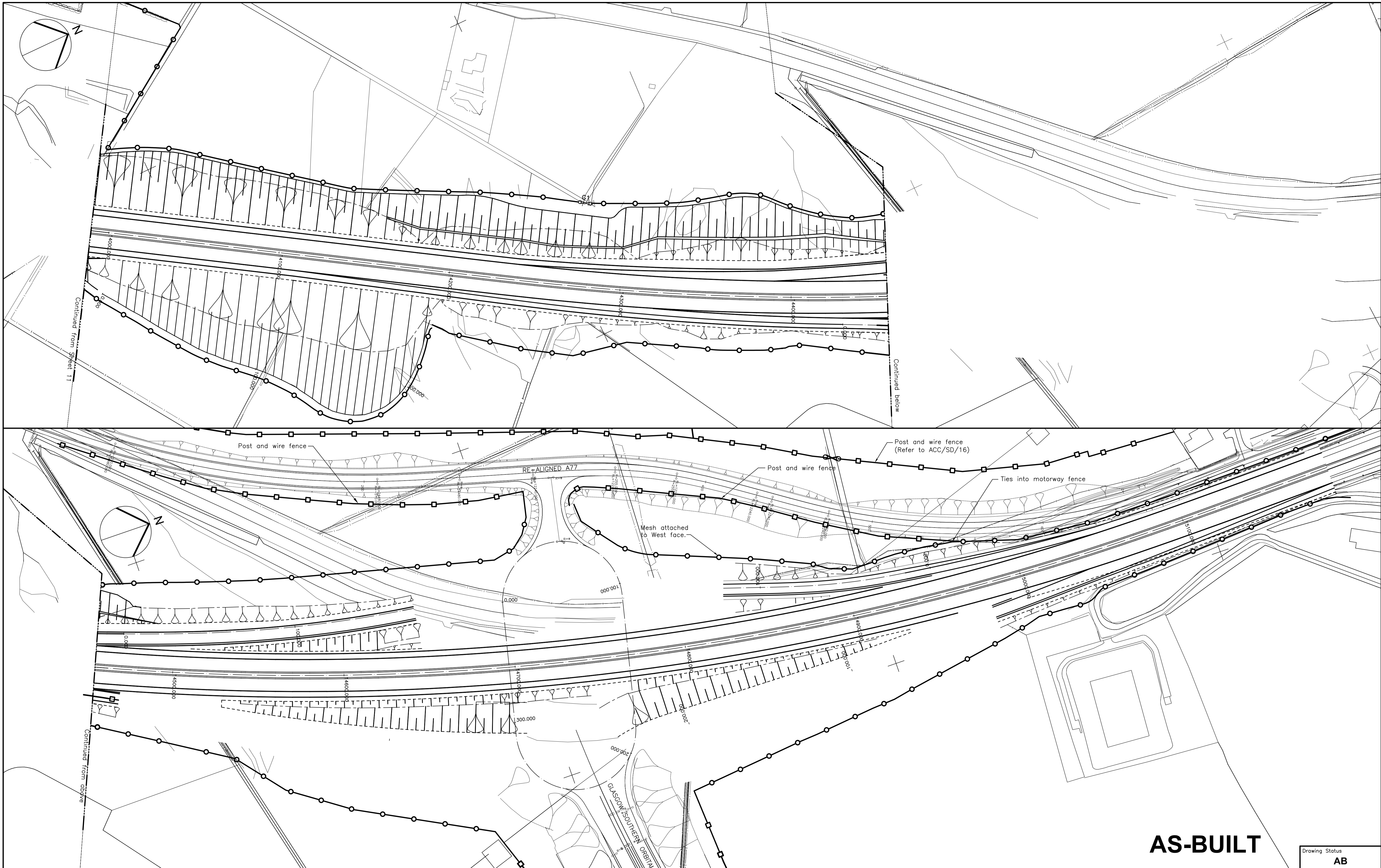


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
H	Revised as per site notes	JB	10/11/05	DW	KOH	As Built	H	
G	Updated to As Built status	PC	08/08/05	DW	KOH	As Built DCR/M77/560	G	
F	Fencing added	LW	08/10/04	PA	P.A.	For Construction	F	
E	Fencing amended. Sheet 13 added.	PC	24/05/04	FD	P.A.	For Construction	E	
D	Fence line amended	LW	01/04/04	FD	P.A.	For review	D	
C	Note added	LW	07/01/04	S.C.S	P.A.	For Construction	C	
B	Roadbase amended	LW	24/03/03	M.Me	P.A.	For Construction	B	
A	Fenceline amended	BE	13/03/03	B.E.	P.A.	For Review	A	
0	First Issue	LW	24/02/03	P.A.	P.A.	For Review	0	



Project		M77 FENWICK - MALLET SHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		FENCING LAYOUT SHEET 11 OF 13			A1
Scale	1:1000	Drawn L.W.	Checked P.A.	Approved P.A.	Drawing No.
		Date 24/02/03	Date 24/02/03	Date 24/02/03	S001DSG/DR/M77/F03/021
					Rev H

Drawing Name & Location:
Plot Date:



AS-BUILT

Drawing Status
AB

Notes :
For all notes refer to sheet 1

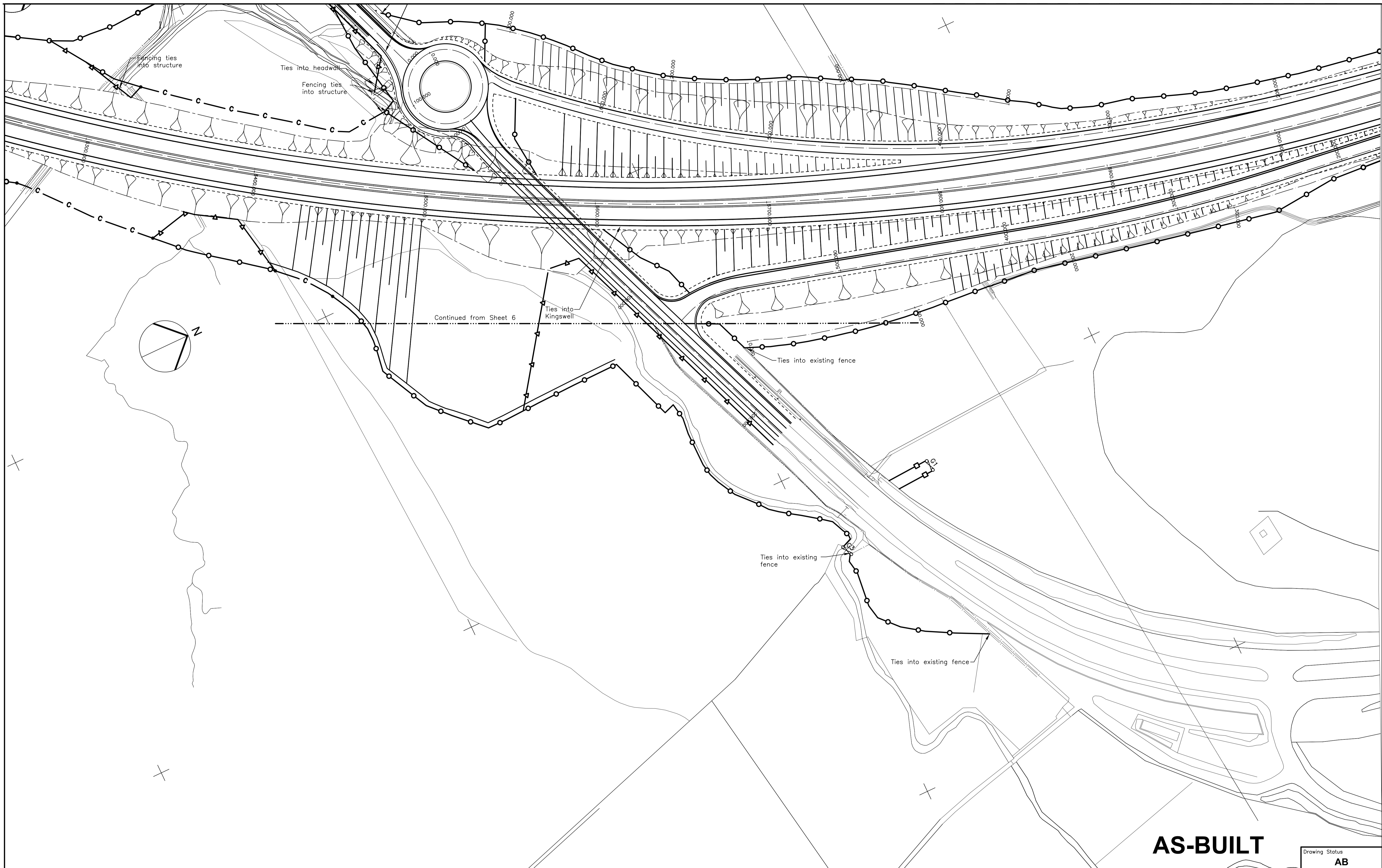


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
K	Revised as per site notes	JB	10/11/05	DW	KOH	As Built	K	
J	Updated to As Built status	PC	08/08/05	DW	KOH	As Built	J	
I	General revisions to fenceline	BE	18/03/05	PA	P.A.	For Construction	I	
H	Fencing amended	PC	14/03/05	PA	P.A.	For Construction	H	
G	Fencing tie-ins to GSO amended	PC	10/03/05	PA	P.A.	For Construction	G	
F	Anti-dazzle measures added	PC	26/01/05	PA	P.A.	For Construction	F	
E	Close boarded fence removed	LW	04/10/04	PA	P.A.	For Construction	E	
D	Fencing added. Sheet 13 added.	PC	24/05/04	FD	P.A.	For Construction	D	
C	Fence line amended	LW	01/04/04	FD	P.A.	For review	C	

Connect

Project		M77 FENWICK - MALLETSHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		FENCING LAYOUT SHEET 12 OF 13			A1
Scale	1:1000	Drawn L.W. Date 24/02/03	Checked P.A. Date 24/02/03	Approved P.A. Date 24/02/03	Drawing No. S001DSG/DR/M77/F03/022
					Rev K

Drawing Name & Location:
Plot Date:



AS-BUILT

Drawing Status
AB

Notes :
For all notes refer to sheet 1

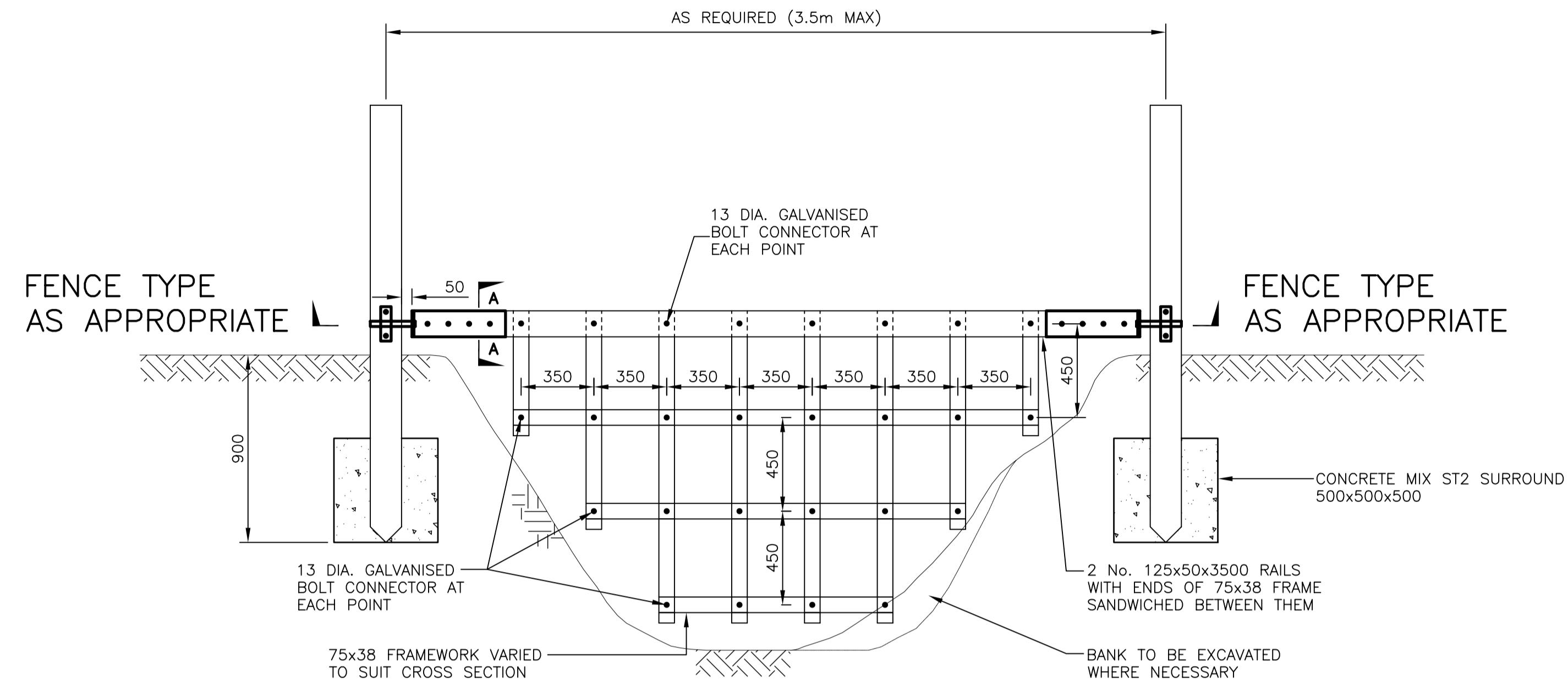


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
B	Revised as per site notes	JB	10/11/05	DW	KOH	As Built	B	
A	Updated to As Built status	PC	08/08/05	DW	KOH	As Built	A	
0	First Issue	PC	24/05/04	P.A.	P.A.	For Construction	0	

Connect

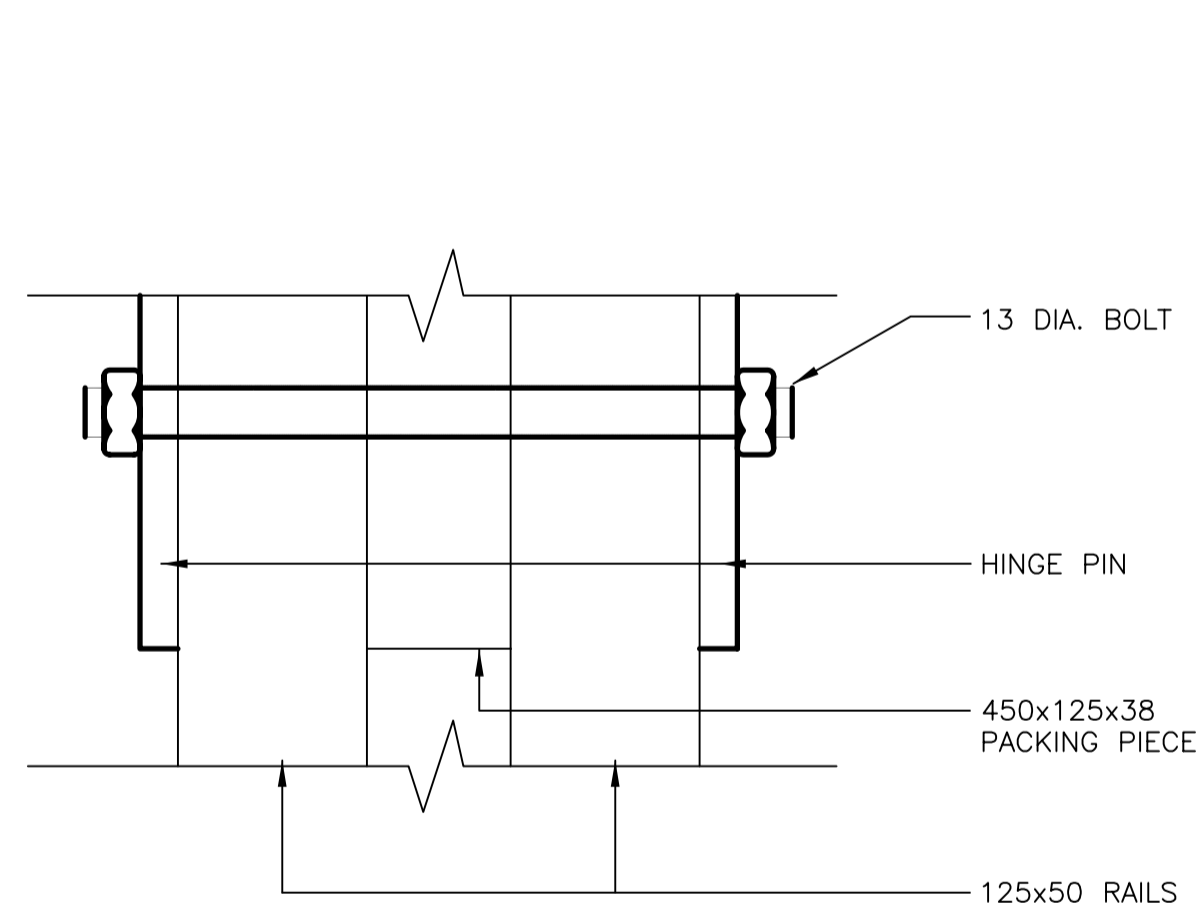
Project		M77 FENWICK - MALLETSHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		FENCING LAYOUT SHEET 13 OF 13			A1
Scale	1:1000	Drawn L.W. Date 24/05/04	Checked P.A. Date 24/05/04	Approved P.A. Date 24/05/04	Drawing No. S001DSG/DR/M77/F03/023
					Rev B

Drawing Name & Location:
Plot Date:

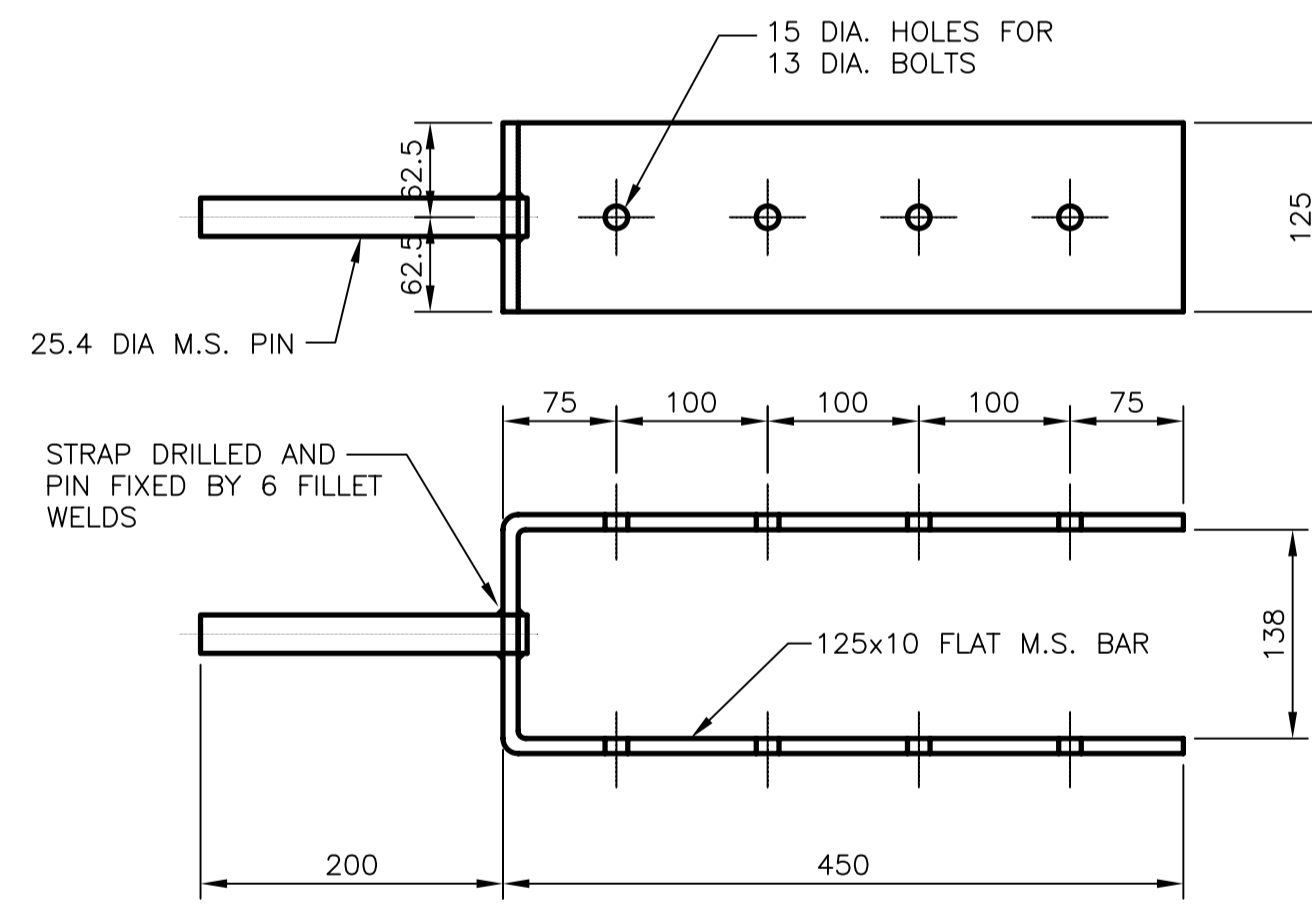


TYPICAL WATERGATE DETAIL – ELEVATION

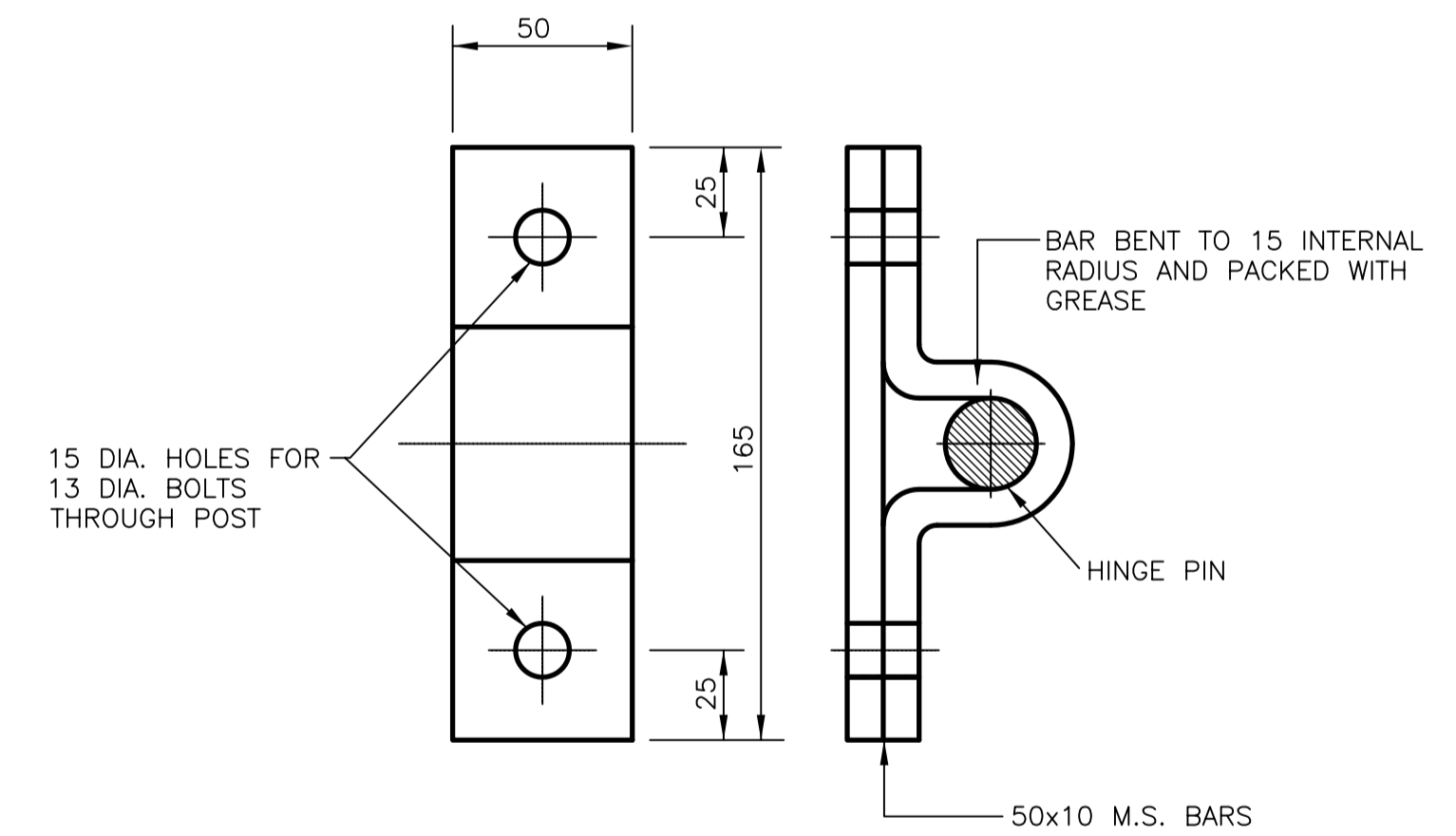
SCALE 1:20



SECTION A-A
SCALE 1:2



HINGE PIN
SCALE 1:5



HINGE PIN
SCALE 1:2

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Drawing Status
AB

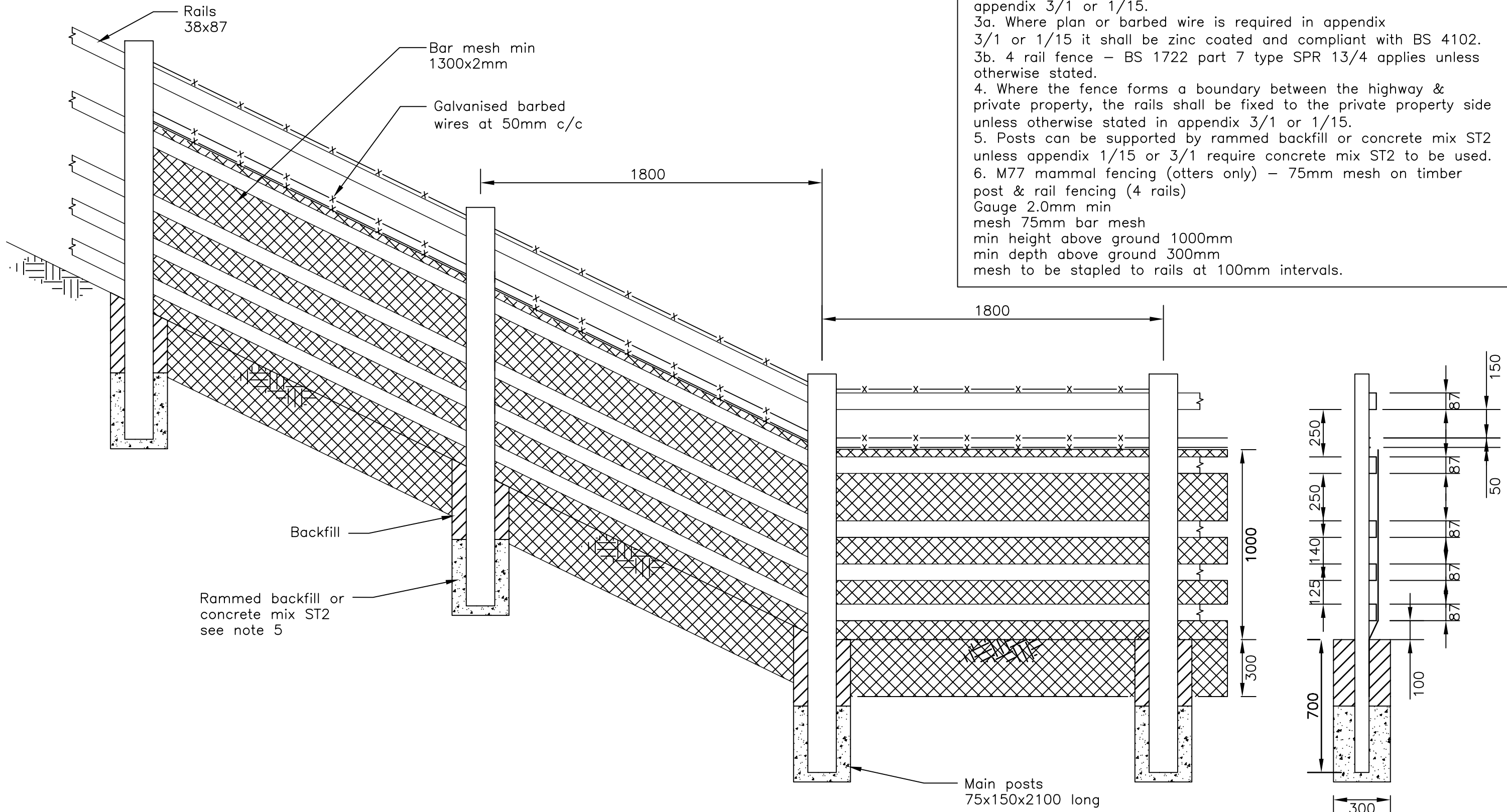
Notes :



Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
B	Updated to As Built status	PC	08/08/05	DW	KOH	As Built	B	
A	Drawing number changed	PC	26/05/04	S.C.S	P.A	For construction	A	
0	First Issue	R.M	28/11/03	S.C.S	P.A	First Issue	0	

Connect

Project		M77 FENWICK - MALLETSHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		WATERGATE DETAIL			A1
Scale	Drawn	Checked	Approved	Drawing No.	Rev
AS SHOWN	R.M Date 28/11/03	S.C.S. Date 28/11/03	P.A Date 28/11/03	S001DSG/DR/M77/F03/030	B



Notes:

1. All dimension in millimetres unless otherwise stated.
2. Specification clause 306 applies unless otherwise stated in appendix 3/1 or 1/15.
- 3a. Where plan or barbed wire is required in appendix 3/1 or 1/15 it shall be zinc coated and compliant with BS 4102.
- 3b. 4 rail fence – BS 1722 part 7 type SPR 13/4 applies unless otherwise stated.
4. Where the fence forms a boundary between the highway & private property, the rails shall be fixed to the private property side unless otherwise stated in appendix 3/1 or 1/15.
5. Posts can be supported by rammed backfill or concrete mix ST2 unless appendix 1/15 or 3/1 require concrete mix ST2 to be used.
6. M77 mammal fencing (otters only) – 75mm mesh on timber post & rail fencing (4 rails)
 Gauge 2.0mm min
 mesh 75mm bar mesh
 min height above ground 1000mm
 min depth above ground 300mm
 mesh to be stapled to rails at 100mm intervals.

4 Rail Fence

Section Through C of main posts

AS-BUILT

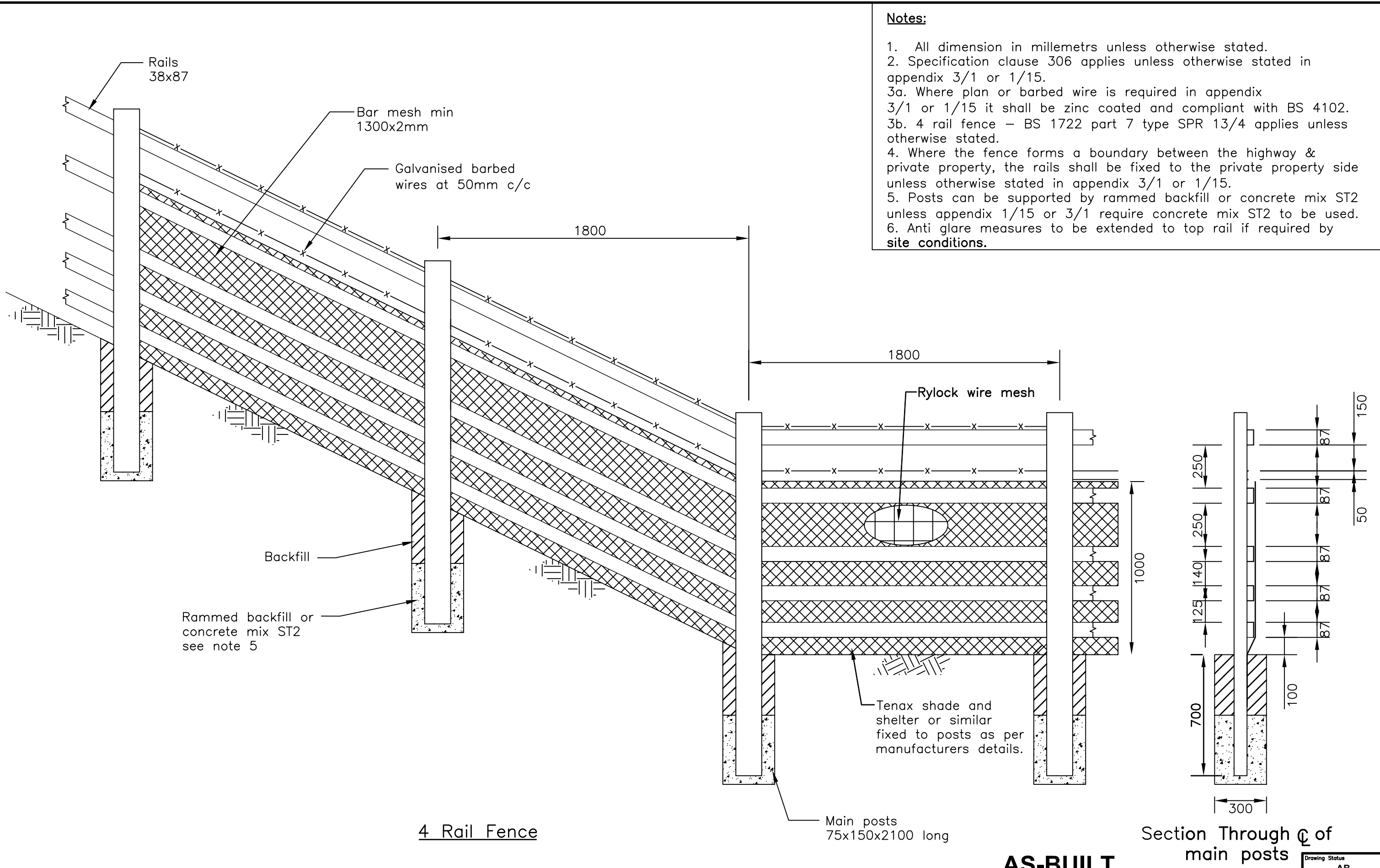


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
B	Updated to As Built status	LW	08/08/05	DW	KOH	As Built	B	
A	Barbed wire added	LW	16/03/05	PA	PA	For construction	A	
0	First issue	ID	04/04/03	SMcK	PA	For information	0	

Connect

Project		M77 FENWICK - MALLETSCHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO		Full Size
Title		M77 COMBINED MAMMAL AND BOUNDARY FENCE		A3
Scale	1:20	Drawn	Checked	Approved
Date	30/04/03	Date	1/05/03	Date
Drawing No.		S001DSG/M77/DR/SK010		Rev
				B

Drawing Name & Location:
Plot Date:



- Notes:**
1. All dimension in millimetres unless otherwise stated.
 2. Specification clause 306 applies unless otherwise stated in appendix 3/1 or 1/15.
 - 3a. Where plan or barbed wire is required in appendix 3/1 or 1/15 it shall be zinc coated and compliant with BS 4102.
 - 3b. 4 rail fence – BS 1722 part 7 type SPR 13/4 applies unless otherwise stated.
 4. Where the fence forms a boundary between the highway & private property, the rails shall be fixed to the private property side unless otherwise stated in appendix 3/1 or 1/15.
 5. Posts can be supported by rammed backfill or concrete mix ST2 unless appendix 1/15 or 3/1 require concrete mix ST2 to be used.
 6. Anti glare measures to be extended to top rail if required by site conditions.

4 Rail Fence

Section Through ϕ of main posts

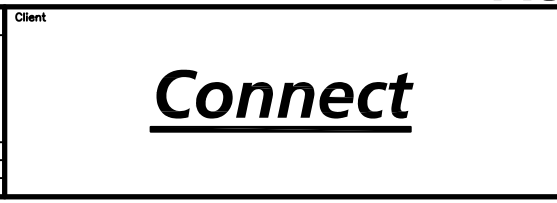
AS-BUILT

Drawing Status
AB

Notes :

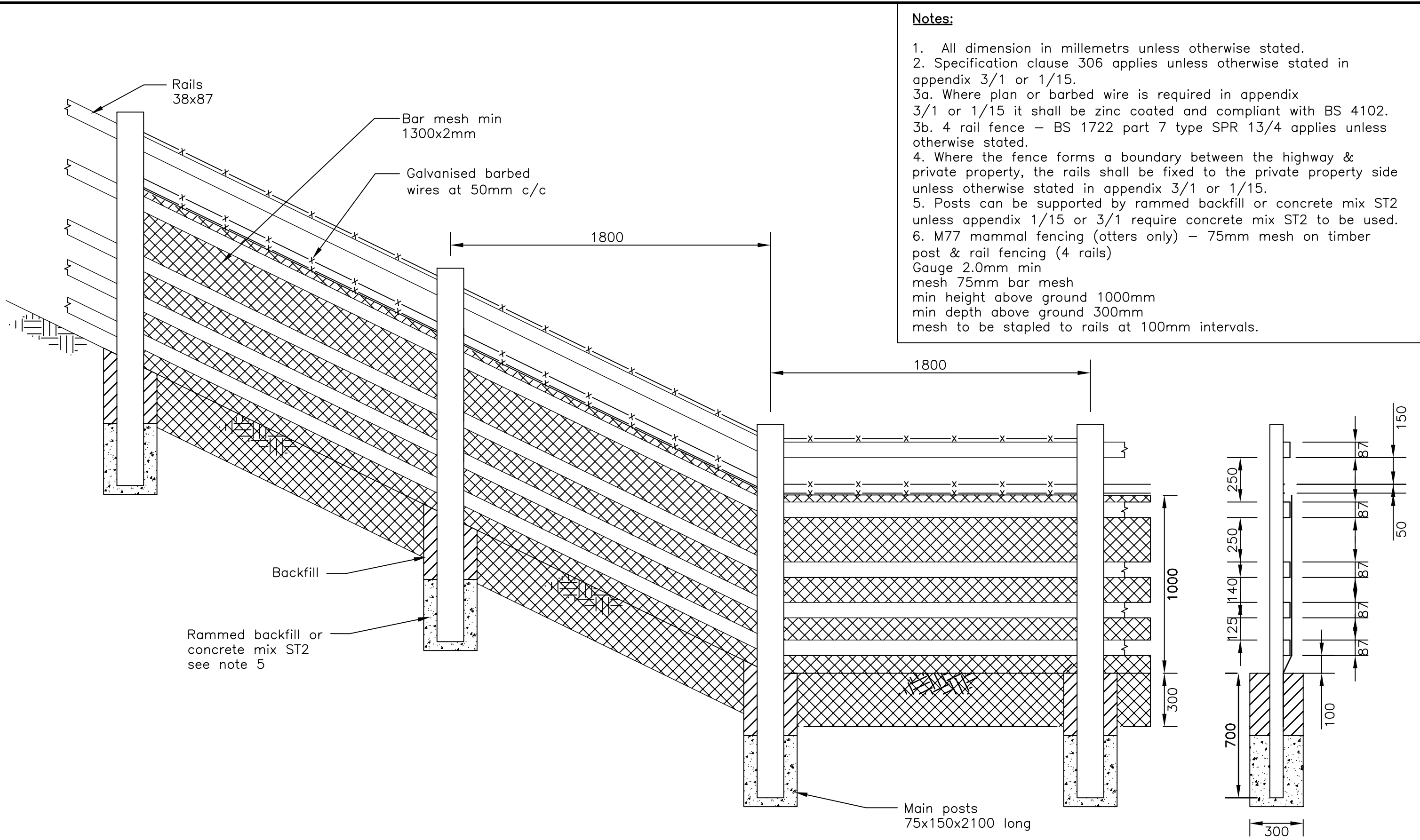


Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client
C	Updated to As Built status	LW	08/08/05	DW	KOH	As Built	C	
B	minor amendment	LW	23/03/05	PA	PA	For construction	B	
A	Note six added	LW	23/03/05	PA	PA	For information	A	



Project		M77 FENWICK - MALLET SHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO			Full Size
Title		ANTI-GLARE PROPOSALS FOR MOTORWAY BOUNDARY FENCE			A3
Scale	1:20	Drawn	Checked	Approved	Drawing No.
		L.L.	P.A.	K.O.H.	S001DSG/M77/DR/SK095
		Date	Date	Date	Rev
		15/03/05	15/03/05	15/03/05	C

Drawing Name & Location:
Plot Date:



Notes:

1. All dimension in millimetres unless otherwise stated.
2. Specification clause 306 applies unless otherwise stated in appendix 3/1 or 1/15.
- 3a. Where plan or barbed wire is required in appendix 3/1 or 1/15 it shall be zinc coated and compliant with BS 4102.
- 3b. 4 rail fence – BS 1722 part 7 type SPR 13/4 applies unless otherwise stated.
4. Where the fence forms a boundary between the highway & private property, the rails shall be fixed to the private property side unless otherwise stated in appendix 3/1 or 1/15.
5. Posts can be supported by rammed backfill or concrete mix ST2 unless appendix 1/15 or 3/1 require concrete mix ST2 to be used.
6. M77 mammal fencing (otters only) – 75mm mesh on timber post & rail fencing (4 rails)
 Gauge 2.0mm min
 mesh 75mm bar mesh
 min height above ground 1000mm
 min depth above ground 300mm
 mesh to be stapled to rails at 100mm intervals.

4 Rail Fence

Section Through ϕ of main posts

AS-BUILT

Notes :		Rev	Description	By	Date	Chk'd	App'vd	Purpose of Issue	Rev	Client	Project	Full Size			
		A	Updated to As Built status	LW	08/08/05	DW	KQH	As Built	A	Connect	M77 FENWICK - MALLETSCHEUGH GLASGOW SOUTHERN ORBITAL (GSO) DBFO	A3			
		0	First Issue	PC	22/04/05	PA	PA	For construction	0		Title				
											Scale	Rev			
											1:20	A			
											Drawn	Checked	Approved	Drawing No.	Rev
											L.L.	P.A.	K.O.H.	S001DSG/M77/DR/SK/253	A
											Date	Date	Date		
											30/04/03	1/05/03	1/05/03		

Drawing Name & Location:
Plot Date: