

Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	MLNI	Engineer's Line Reference
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code Status - as per Key Below	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	VAP	Pedestrian Access Point	Mile Post
KEY	Screening Conductor Joint with/without Earth	Manhole	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Tunnel	Earth Form	Buffer Stop	Telephone
Proposed Fibre & Civils Elements are shown in RED	Existing Fibre Cable	Manhole	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Manhole details: Cross-To be used Filled-In use Clear-Empty	Cable Pull	Mast	
Proposed Copper Elements are shown in BLUE	Existing Copper Cable	Manhole							
Proposed Screening Elements are shown in MAGENTA	Existing Screen Cable								
All Recoveries are shown in GREEN									

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

McNicholas MURPHY

ndcconsultants

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Designed	Mike Bonner	Sign.	Date	25/10/2011
Checked	Joe Winter	Sign.	Date	25/10/2011
Approved	Chris Tappenden	Sign.	Date	25/10/2011

Project

FTN/GSM-R Project
Stage 2 As-Built

Drawing Title

Sherborne Station (1166) to
Stowell Wood (1167)

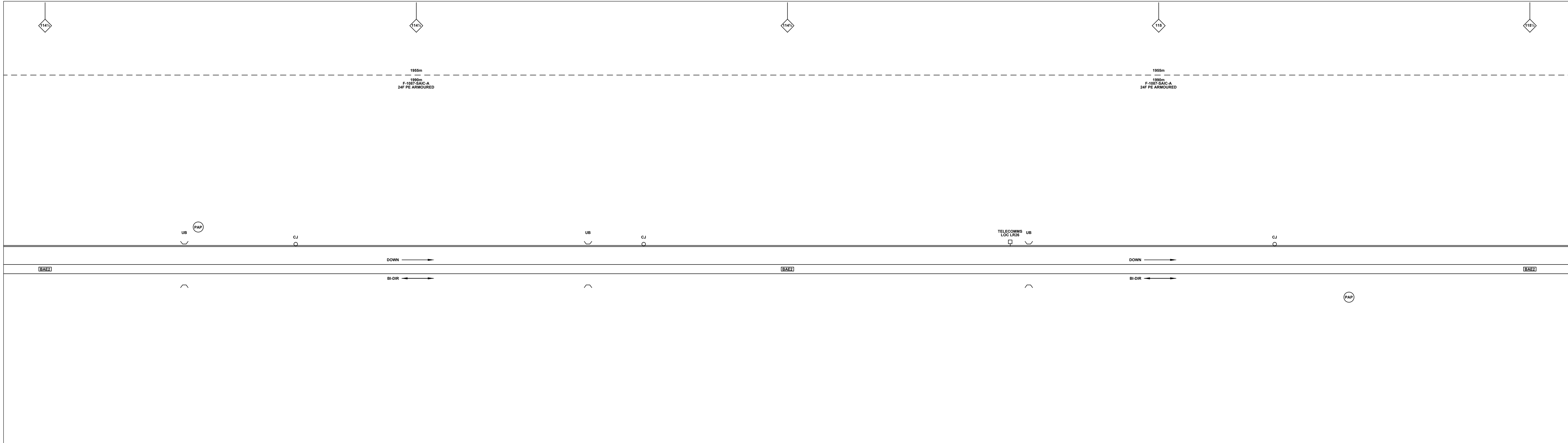
Network Rail

FTN/GSM-R Project
Tournament House
Passington
London
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 1 and 2

Drawing Number: NTPO\SLD\1166\1167\001

Sheet 1 of 6
Revision B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Manhole	Overbridge	Signal	Engineer's Line Reference	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code Status - as per Key Below	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Mid Length Sheath Gap Fibre	Underbridge	Vehicle Access Point	Mile Post	HV Cable
KEY	Screening Conductor Joint with/without Earth	Existing Fibre Cable	Manhole	FTN Access Node	Cabinet Routeworks	Sheath Gap Copper	Tunnel	Pedestrian Access Point	Platform	LV Cable
Proposed Fibre & Civils Elements are shown in RED	Existing Fibre Cable	Existing Copper Cable	Manhole	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Form	Manhole details: Cross-To be used Filled-In use Clear-Empty	Buffer Stop	Telephone	Sewer
Proposed Copper Elements are shown in BLUE	Existing Fibre Cable	Existing Copper Cable	Manhole	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Form	Manhole details: Cross-To be used Filled-In use Clear-Empty	Buffer Stop	Telephone	Telecoms
Proposed Screening Elements are shown in MAGENTA	Existing Fibre Cable	Existing Copper Cable	Manhole	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Form	Manhole details: Cross-To be used Filled-In use Clear-Empty	Buffer Stop	Telephone	Water
All Recoveries are shown in GREEN	Existing Fibre Cable	Existing Copper Cable	Manhole	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Form	Manhole details: Cross-To be used Filled-In use Clear-Empty	Buffer Stop	Telephone	Water

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

McNicholas **MURPHY**

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Unit 4 Apex Park, Watnigh Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Designed	Sign.	Date
Drawn	Sign.	25/10/2011
Checked	Sign.	25/10/2011
Approved	Sign.	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built	
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)	

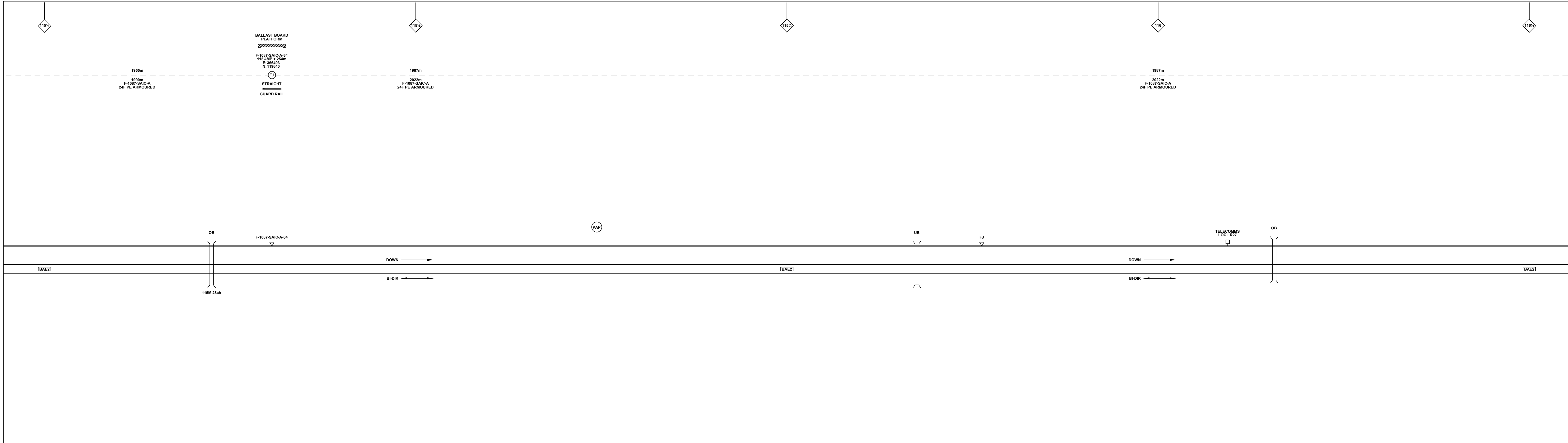
Network Rail

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Tournament House
Paddington
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W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 3 and 4

Drawing Number: NTPO\SLD\1166\1167\001

Sheet 2 of 6
Revision B



Legend

	Cabinet and Verts		Copper Joint		Trough Duct Cable Tray		Signal Box		FTN Core Node		Screen Joint Routeworks		Manhole		Overbridge		Signal		Engineer's Line Reference
	Cabinet with Regenerator and Verts		Fibre Joint		Cable - Type Identified by FTN Code Status - as per Key Below		Electrical Control Room		Core Node with GSM-R Colocated		Copper Joint Routeworks		Manhole details: Cross-To be used, Filled-In use, Clear-Empty		Underbridge		Vehicle Access Point		Mile Post
	KEY: Proposed Fibre & Civils Elements are shown in RED		Screening Conductor Joint with/without Earth		Manhole		Mid Length Sheath Gap Fibre		FTN Access Node		Cabinet Routeworks		Tunnel		Earth Form		Pedestrian Access Point		Platform
	KEY: Proposed Copper Elements are shown in BLUE		Existing Fibre Cable		Sheath Gap Copper		FTN Access Node with GSM-R Colocated		Fibre Joint Routeworks		Cable Pull		Copper Blue Fibre Red Screen Green		Mast		Crossing		Gantry
	KEY: Proposed Screening Elements are shown in MAGENTA		Existing Copper Cable		Gas Line		HV Cable		LV Cable		Sewer		Telecoms		Water		Water		
	KEY: All Recoveries are shown in GREEN		Existing Screen Cable																

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

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Designed	Sign.	Date
Drawn	Sign.	Date
Checked	Sign.	Date
Approved	Sign.	Date
Project		

FTN/GSM-R Project
Stage 2 As-Built

Drawing Title: Sherborne Station (1166) to Stowell Wood (1167)

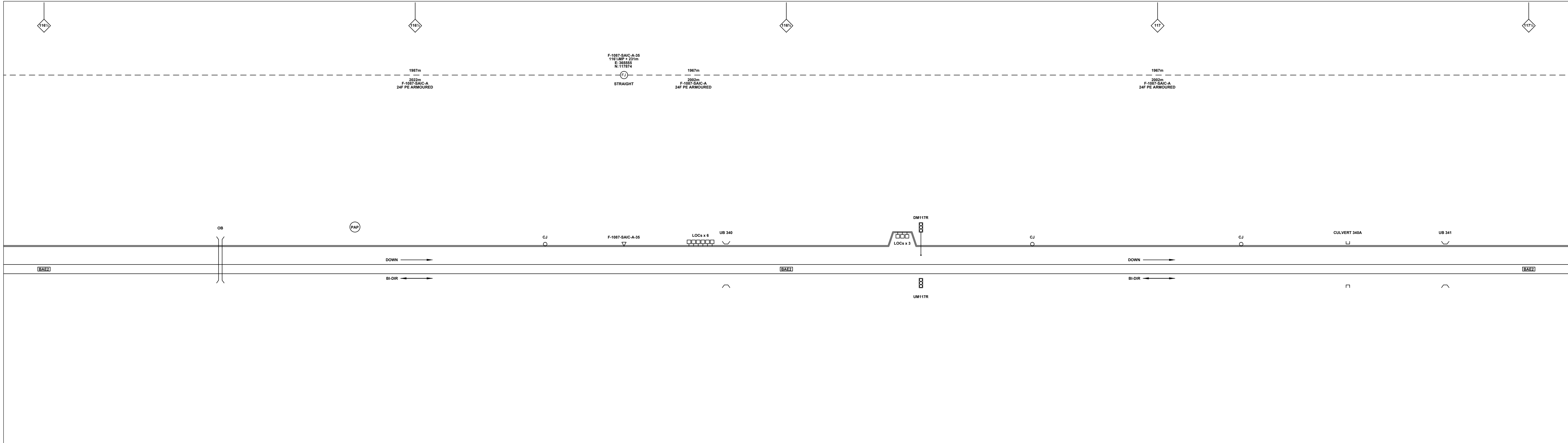
Network Rail

FTN/GSM-R Project
Tournament House
Passington
London
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 5 and 6

Drawing Number: NTPO\SLD\1166\1167\001

Sheet 3 of 6
Revision B



Legend

	Cabinet and Verts		Copper Joint		Trough Duct Cable Tray		Signal Box		FTN Core Node		Screen Joint Routeworks		Manhole details: Cross-To be used Filled-In use Clear-Empty		Overbridge		Signal		Engineer's Line Reference		Crossing		Gas Line
	Cabinet with Regenerator and Verts		Fibre Joint		Cable - Type Identified by FTN Code Status - as per Key Below		Electrical Control Room		Core Node with GSM-R Colocated		Copper Joint Routeworks		Manhole		Underbridge		Vehicle Access Point		Mile Post		Gantry		HV Cable
	KEY: Proposed Fibre & Civils Elements are shown in RED		Screening Conductor Joint with/without Earth		Manhole		Mid Length Sheath Gap Fibre		FTN Access Node		Cabinet Routeworks		Tunnel		Platform		Pedestrian Access Point		Telephone		Cable Pull		LV Cable
	KEY: Proposed Copper Elements are shown in BLUE		Existing Fibre Cable		Sheath Gap Copper		FTN Access Node with GSM-R Colocated		Fibre Joint Routeworks		Earth Form		Buffer Stop		Mast		Sewer		Telecoms		Water		Water

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

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Designed	Mike Bonner	Sign.	[Signature]	Date	25/10/2011
Checked	Joe Winter	Sign.	[Signature]	Date	25/10/2011
Approved	Chris Tappenden	Sign.	[Signature]	Date	25/10/2011

Project: FTN/GSM-R Project Stage 2 As-Built

Drawing Title: Sherborne Station (1166) to Stowell Wood (1167)

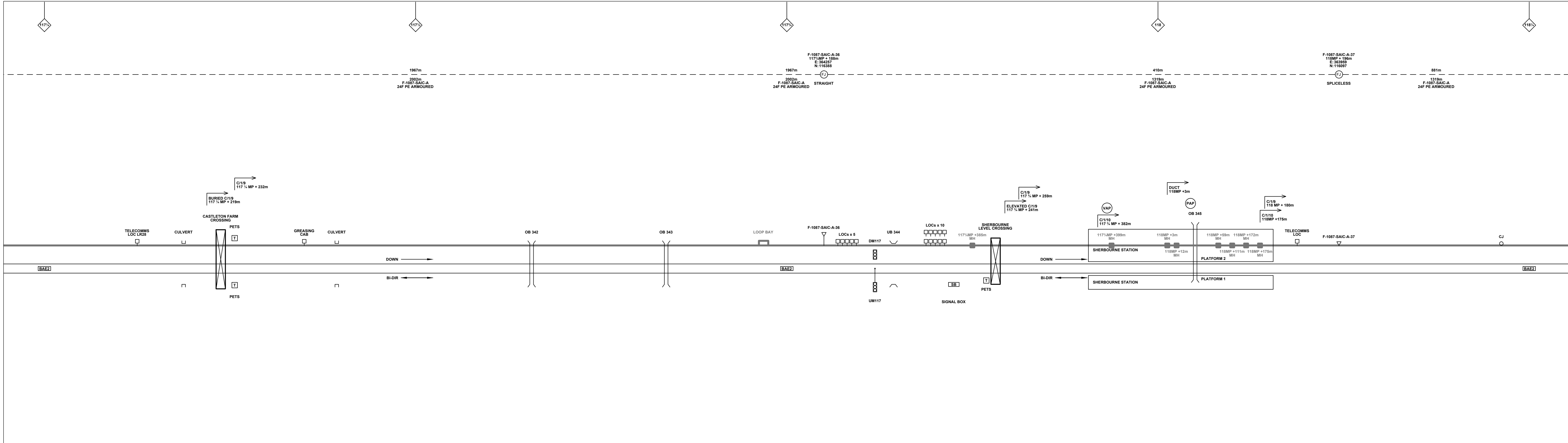
Network Rail

FTN/GSM-R Project
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Passington
London
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 7 and 8

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 4 of 6
Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Manhole details: Cross-To be used Filled-In use Clear-Empty	Overbridge	Signal	Engineer's Line Reference	GAS - GAS - Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code Status - as per Key Below	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Underbridge	Vehicle Access Point	Mile Post	HV - HV - HV Cable
KEY	Screening Conductor Joint with/without Earth	2034m F-DIDC-RGAC-A	Manhole	FTN Access Node	Cabinet Routeworks	Mid Length Sheath Gap Fibre	Vehicle Access Point	Platform	LV - LV - LV Cable	SEW - SEW - Sewer
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Form	Pedestrian Access Point	Platform	TEL - TEL - Telecomms	W - W - Water
Proposed Copper Elements are shown in BLUE		Existing Fibre Cable				Buffer Stop	Telephone	Mast	W - W - Water	
Proposed Screening Elements are shown in MAGENTA		Existing Copper Cable								
All Recoveries are shown in GREEN		Existing Screen Cable								

Notes

B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT
Rev	Date	Description of Revisions	Drawn	Chkd	Appr

Contractor(s)

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Unit 4 Apex Park, Watnigh Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

ELR & Mileage: BAE2

Designed	Mike Bonner	Sign.	Date	25/10/2011
Checked	Joe Winter	Sign.	Date	25/10/2011
Approved	Chris Tappenden	Sign.	Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built			
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)			

Network Rail

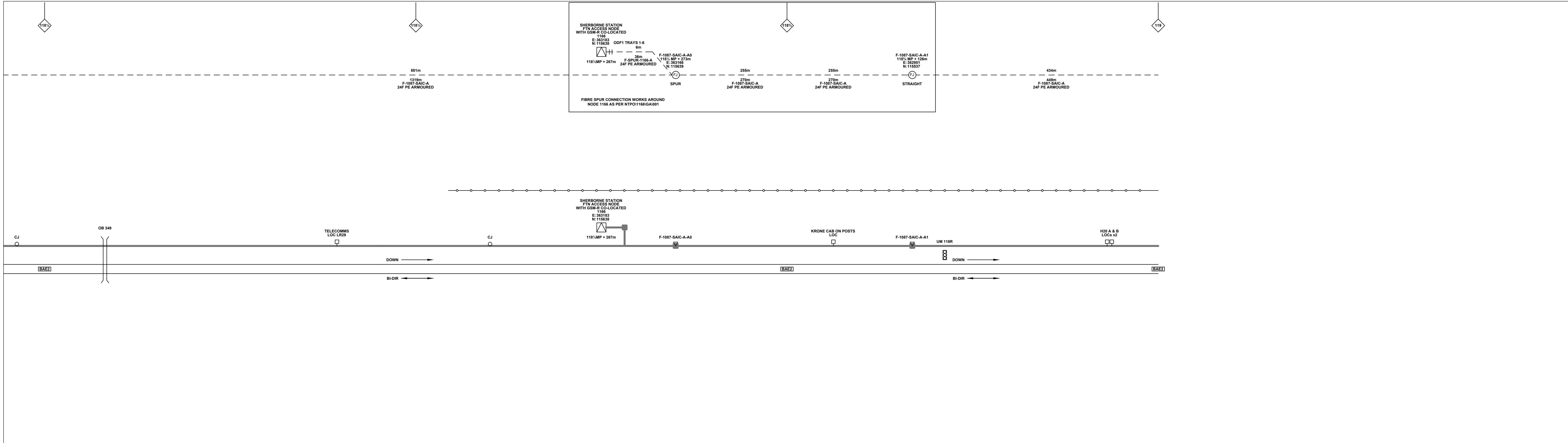
FTN/GSM-R Project
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Passington
London
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 9 and 10

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 5 of 6

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Manhole	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV Cable
KEY	Screening Conductor Joint with/without Earth	Manhole details: Cross-To be used Filled-In use Clear-Empty	Mid Length Sheath Gap Fibre	FTN Access Node	Copper Joint Routeworks	Tunnel	Pedestrian Access Point	Platform	Sewer	LV Cable
Proposed Fibre & Civils Elements are shown in RED	Status - as per Key Below	Manhole	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Cabinet Routeworks	Earth Form	Buffer Stop	Telephone	Telecoms	Water
Proposed Copper Elements are shown in BLUE	Existing Fibre Cable	Manhole	Existing Screen Cable	Fibre Joint Routeworks	Copper Pull	Copper Blue Fibre	Fibre Red	Screen Green	Mast	
Proposed Screening Elements are shown in MAGENTA	Existing Copper Cable									
All Existing Elements are shown in BLACK	Existing Fibre Cable									
All Recoveries are shown in GREEN	Existing Copper Cable									

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

McNicholas **MURPHY**

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Unit 4 Apex Park, Watnigh Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): ELR & Mileage BAE2

Designed	Sign.	Date
Drawn	Sign.	25/10/2011
Checked	Sign.	25/10/2011
Approved	Sign.	25/10/2011
Project		
FTN/GSM-R Project Stage 2 As-Built		
Drawing Title		
Sherborne Station (1166) to Stowell Wood (1167)		

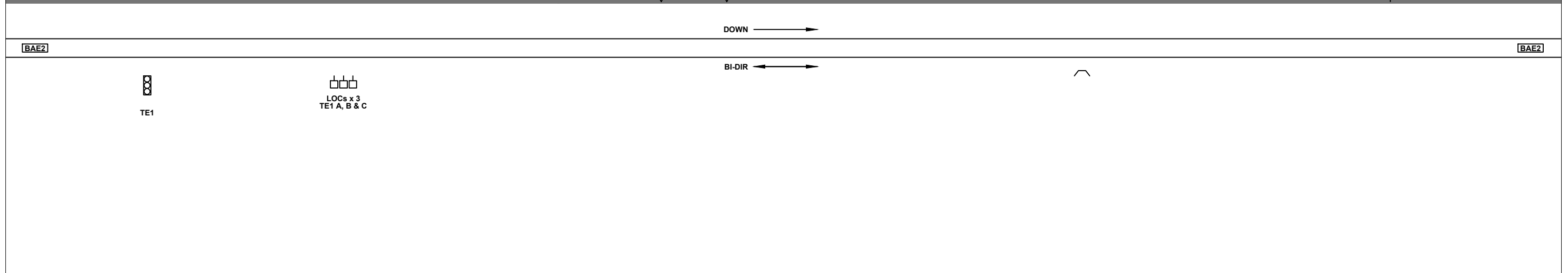
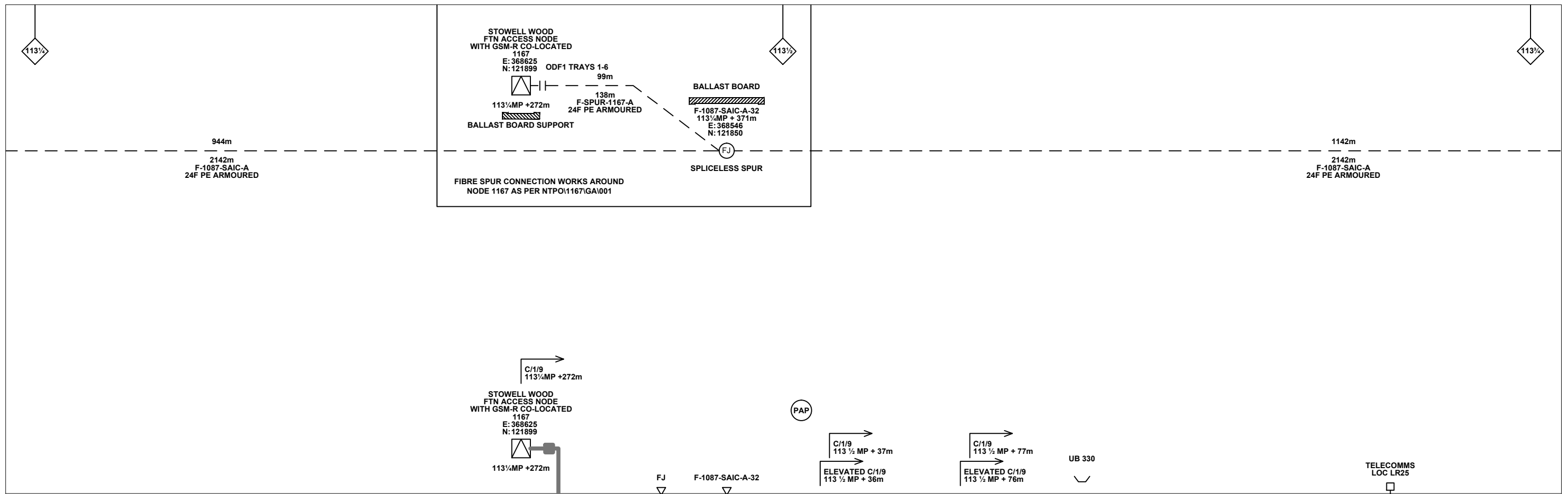
Network Rail

FTN/GSM-R Project
Tournament House
Passington
London
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 11 and 12

Drawing Number: NTPO\SLD\1166\1167\001

Sheet 6 of 6
Revision B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Water	Mast
Proposed Copper Elements are shown in BLUE		--- Existing Fibre Cable								
Proposed Screening Elements are shown in MAGENTA		--- Existing Copper Cable								
All Recoveries are shown in GREEN		--- Existing Screen Cable								

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

Designed		Sign.		Date	
Drawn	Mike Bonner	Sign.		Date	25/10/2011
Checked	Joe Winter	Sign.		Date	25/10/2011
Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

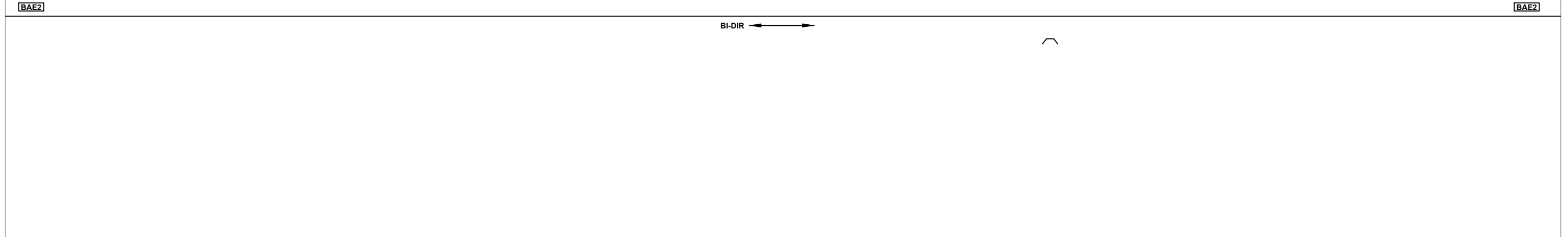
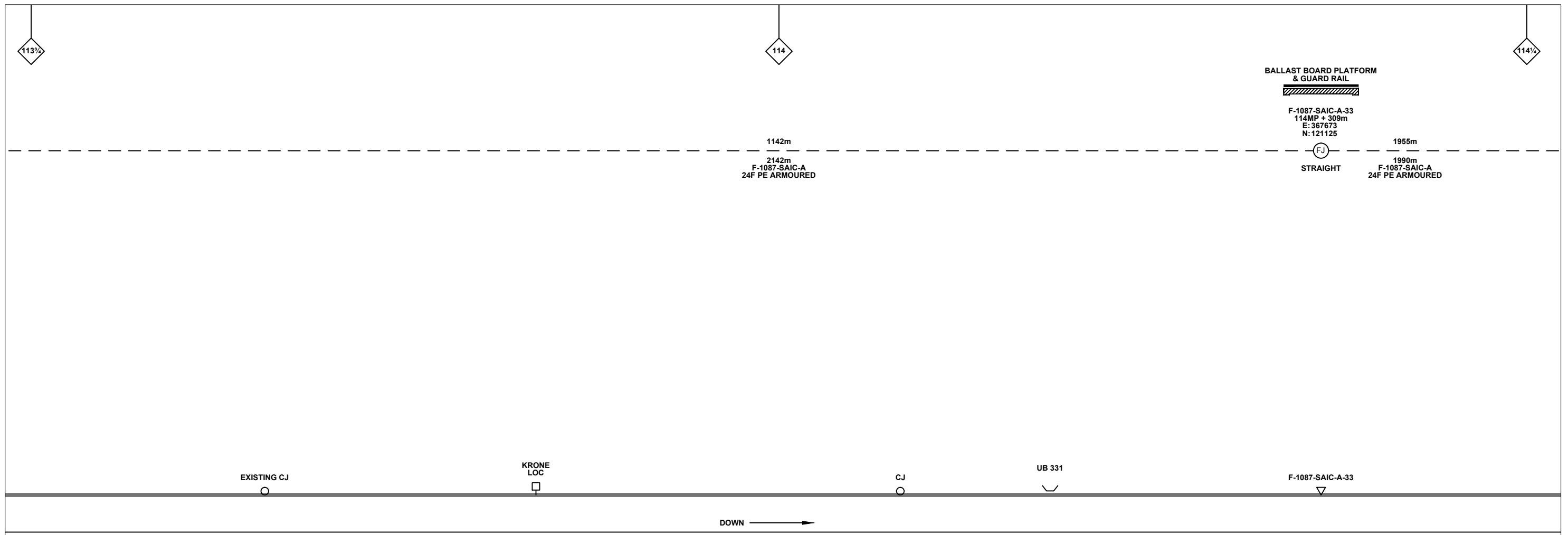
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 1

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 1 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	GAS — GAS — Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV — HV — HV Cable
KEY	Screening Conductor Joint with/without Earth	Manhole	FTN Access Node	Cabinet Routeworks	Tunnel	Pedestrian Access Point	Platform	SEW — SEW — Sewer	LV — LV — LV Cable
Proposed Fibre & Civils Elements are shown in RED		Mid Length Sheath Gap Fibre	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Farm	Buffer Stop	Telephone	v — v — Water	Cable Pull
Proposed Copper Elements are shown in BLUE		Sheath Gap Copper						Copper Blue Fibre Red Screen Green	Mast
Proposed Screening Elements are shown in MAGENTA									
All Recoveries are shown in GREEN									
		1988m Cable — Type Identified by FTN Code Status — as per Key Below	2034m Cable — Type Identified by FTN Code Status — as per Key Below						

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

Designed		Sign.		Date	
Drawn	Mike Bonner	Sign.		Date	25/10/2011
Checked	Joe Winter	Sign.		Date	25/10/2011
Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

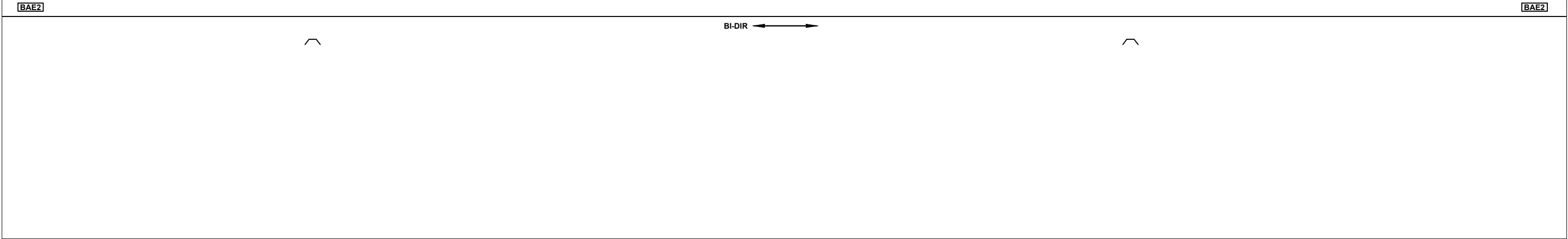
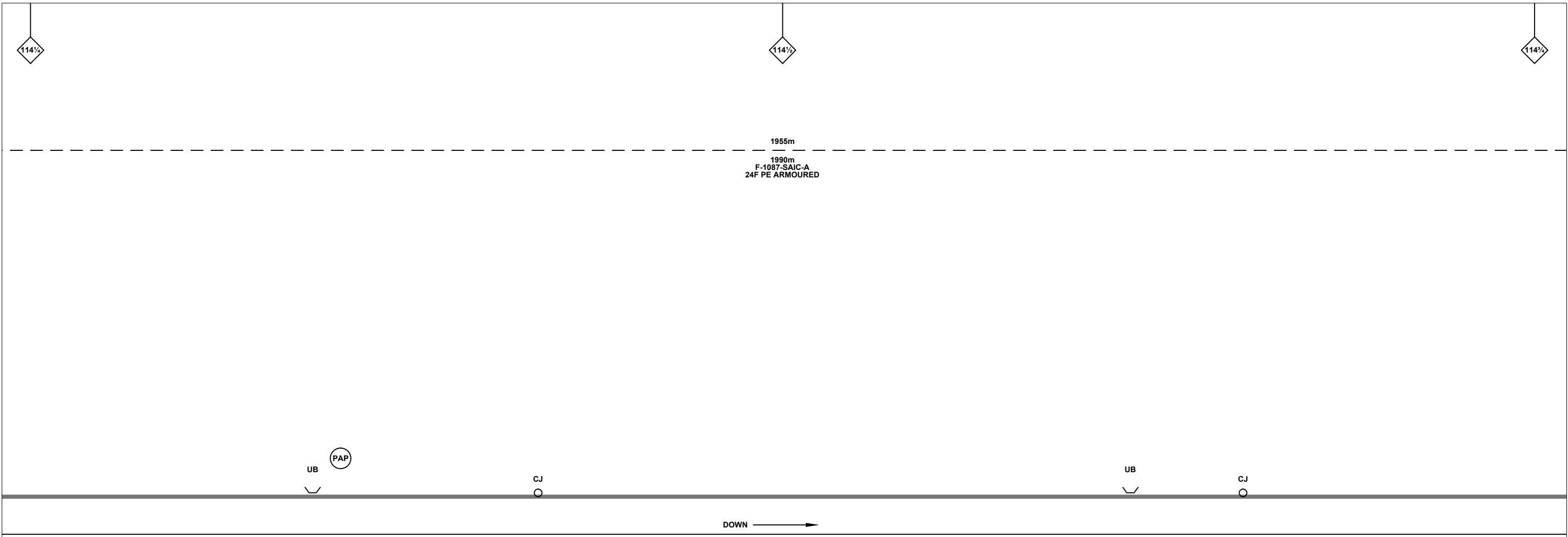
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 1

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 2 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY Proposed Fibre & Civils Elements are shown in RED Proposed Copper Elements are shown in BLUE Proposed Screening Elements are shown in MAGENTA All Recoveries are shown in GREEN	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
All Existing Elements are shown in BLACK	Existing Fibre Cable	Existing Copper Cable	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Water	Mast

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

Designed		Sign.		Date	
Drawn	Mike Bonner	Sign.		Date	25/10/2011
Checked	Joe Winter	Sign.		Date	25/10/2011
Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

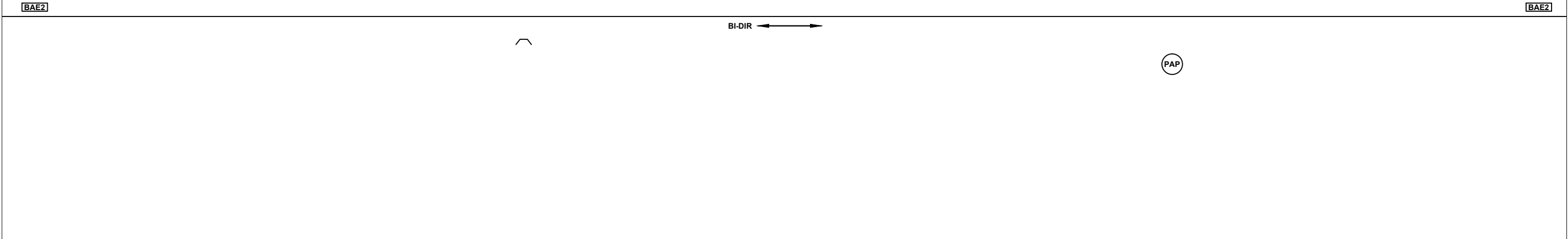
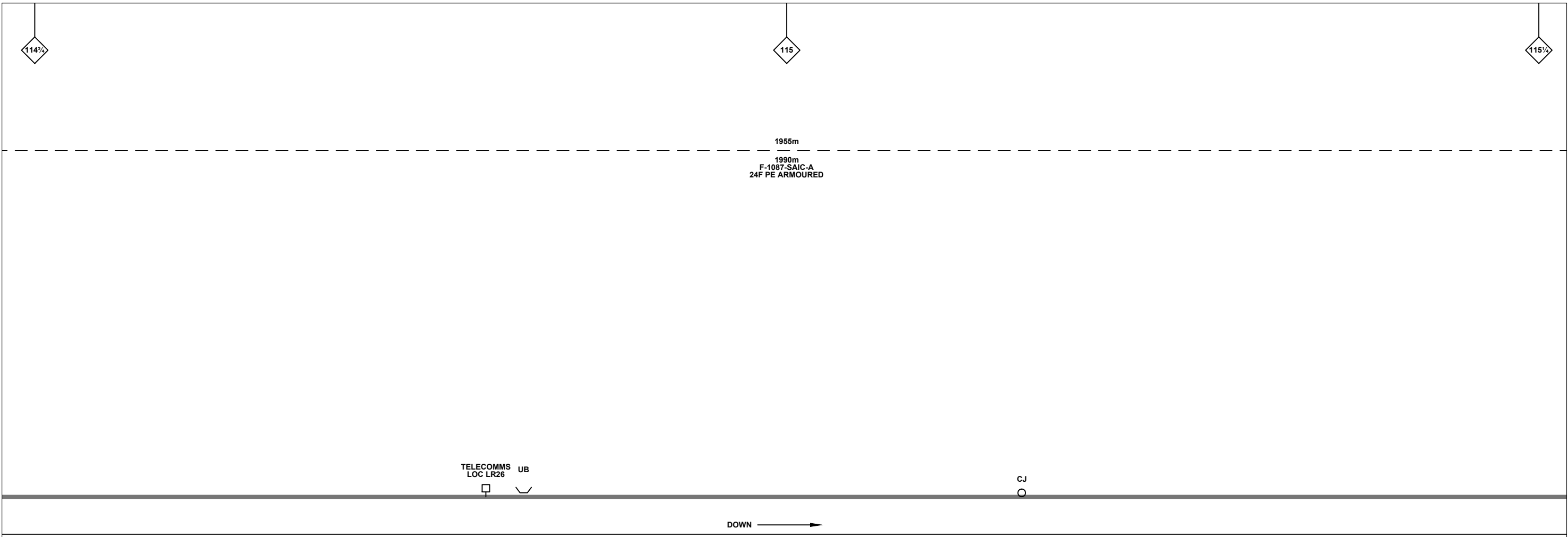
FTN/GSM-R Project
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Alternative Reference: See Layout Tab 841 x 297 Sheet 2

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 3 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV Cable
KEY	Screening Conductor Joint with/without Earth	Manhole	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	LV Cable
Proposed Fibre & Civils Elements are shown in RED						Tunnel	Earth Farm	Buffer Stop	Telephone	Water
Proposed Copper Elements are shown in BLUE										Copper Blue Fibre Red Screen Green
Proposed Screening Elements are shown in MAGENTA										Mast
All Recoveries are shown in GREEN										

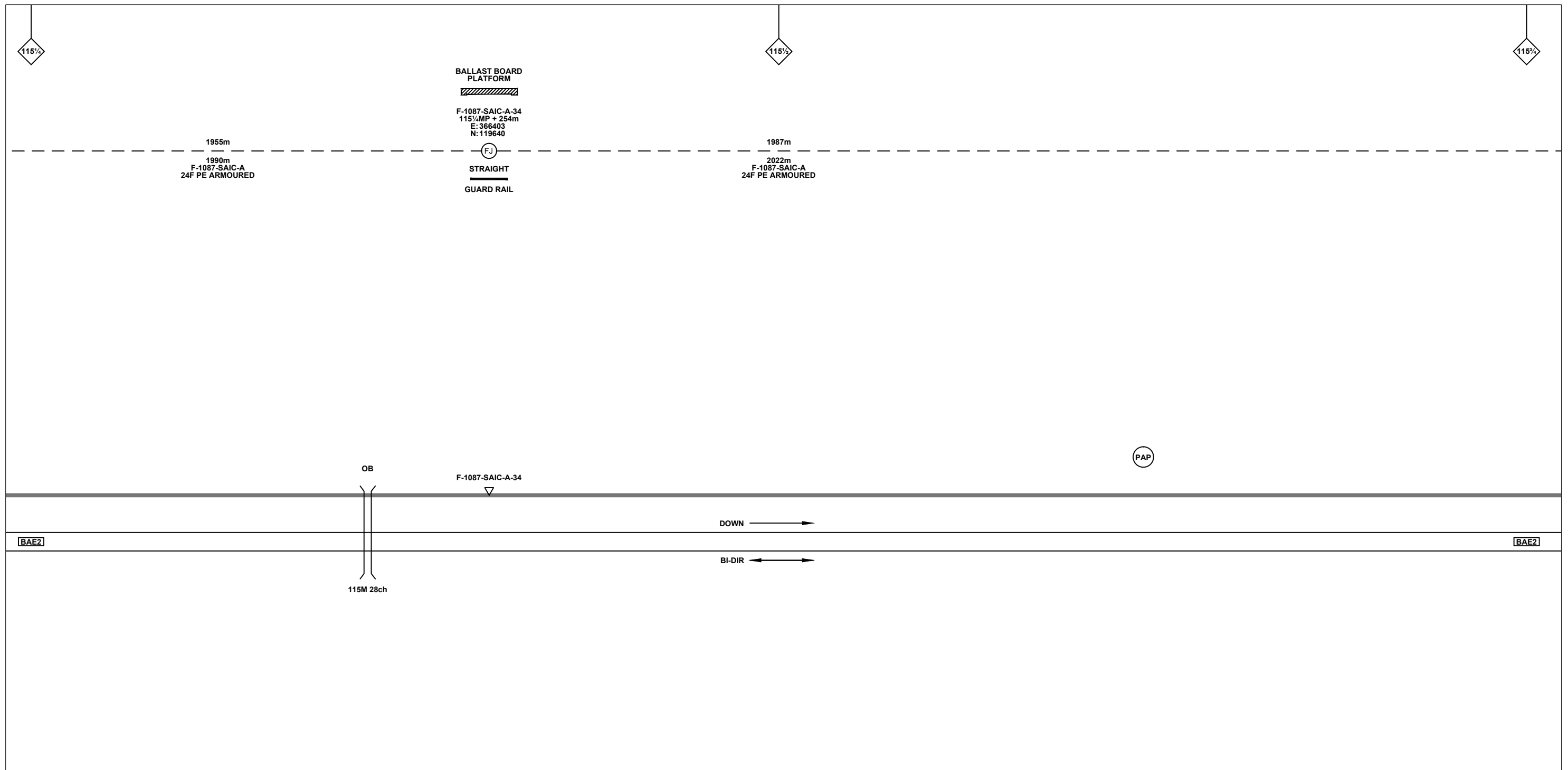
Contractor(s)				Designed		Sign.		Date	
				Drawn	Mike Bonner	Sign.		Date	25/10/2011
				Checked	Joe Winter	Sign.		Date	25/10/2011
				Approved	Chris Tappenden	Sign.		Date	25/10/2011
				Project	FTN/GSM-R Project Stage 2 As-Built				
				Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				
				Alternative Reference	See Layout Tab 841 x 297 Sheet 2				
				Drawing Number	NTPO\SLD\1166\1167\001				
				Sheet	4 of 12				
				Revision	B				



Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Status	As-Built
Scale(s)	NTS
ELR & Mileage	BAE2

Alternative Reference	See Layout Tab 841 x 297 Sheet 2
Drawing Number	NTPO\SLD\1166\1167\001
Sheet	4 of 12
Revision	B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY Proposed Fibre & Civils Elements are shown in RED Proposed Copper Elements are shown in BLUE Proposed Screening Elements are shown in MAGENTA All Recoveries are shown in GREEN	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
All Existing Elements are shown in BLACK	Existing Fibre Cable	Existing Copper Cable	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Telephone	Water	Mast

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

Designed		Sign.		Date	
Drawn	Mike Bonner	Sign.		Date	25/10/2011
Checked	Joe Winter	Sign.		Date	25/10/2011
Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

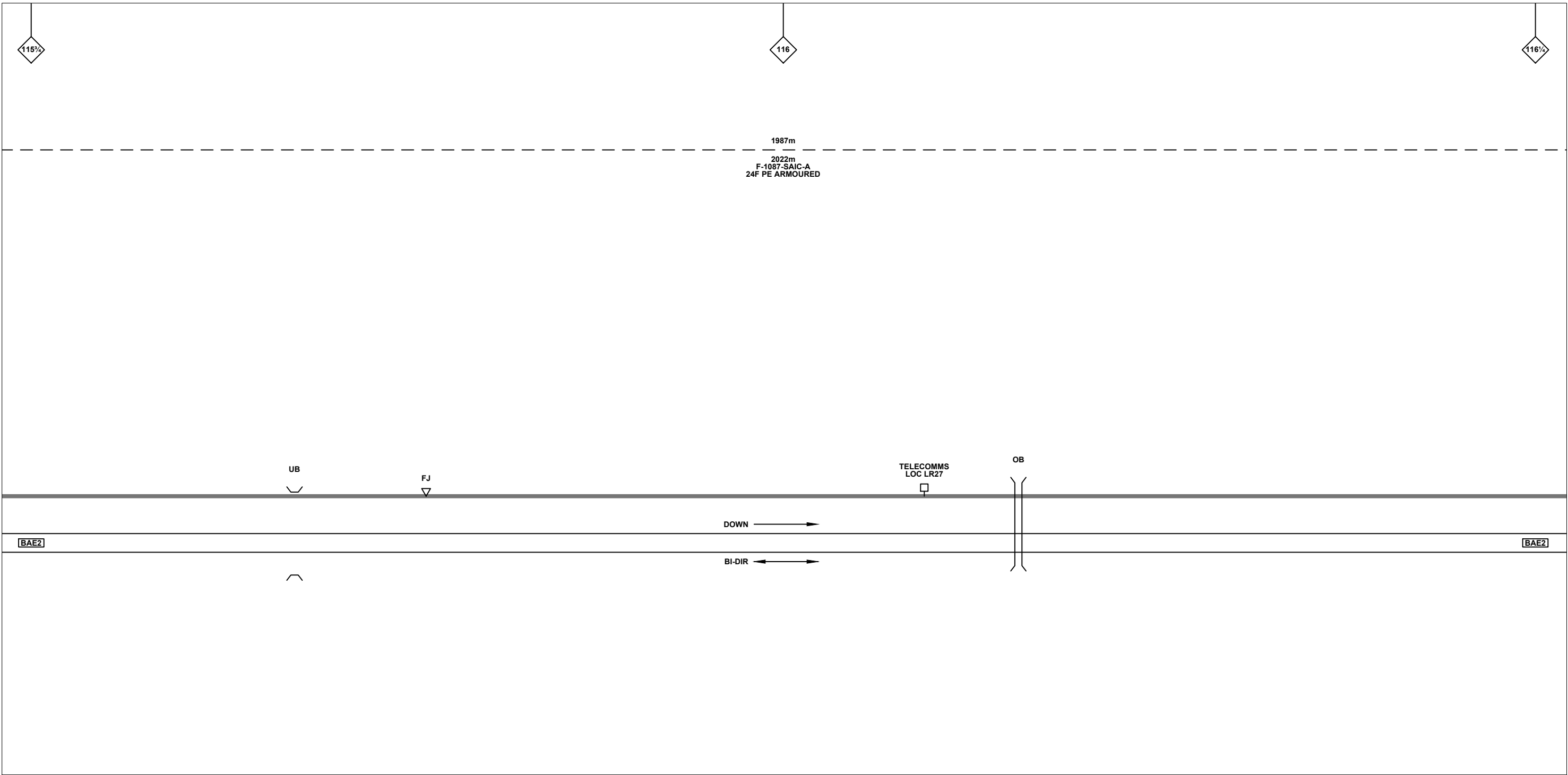
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 3

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 5 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Water
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Telephone	Copper Blue, Fibre Red, Screen Green, Mast

Notes

B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT
Rev	Date	Description of Revisions	Drawn	Chkd	Appr

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

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Drawn	Mike Bonner	Sign.		Date	25/10/2011
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Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

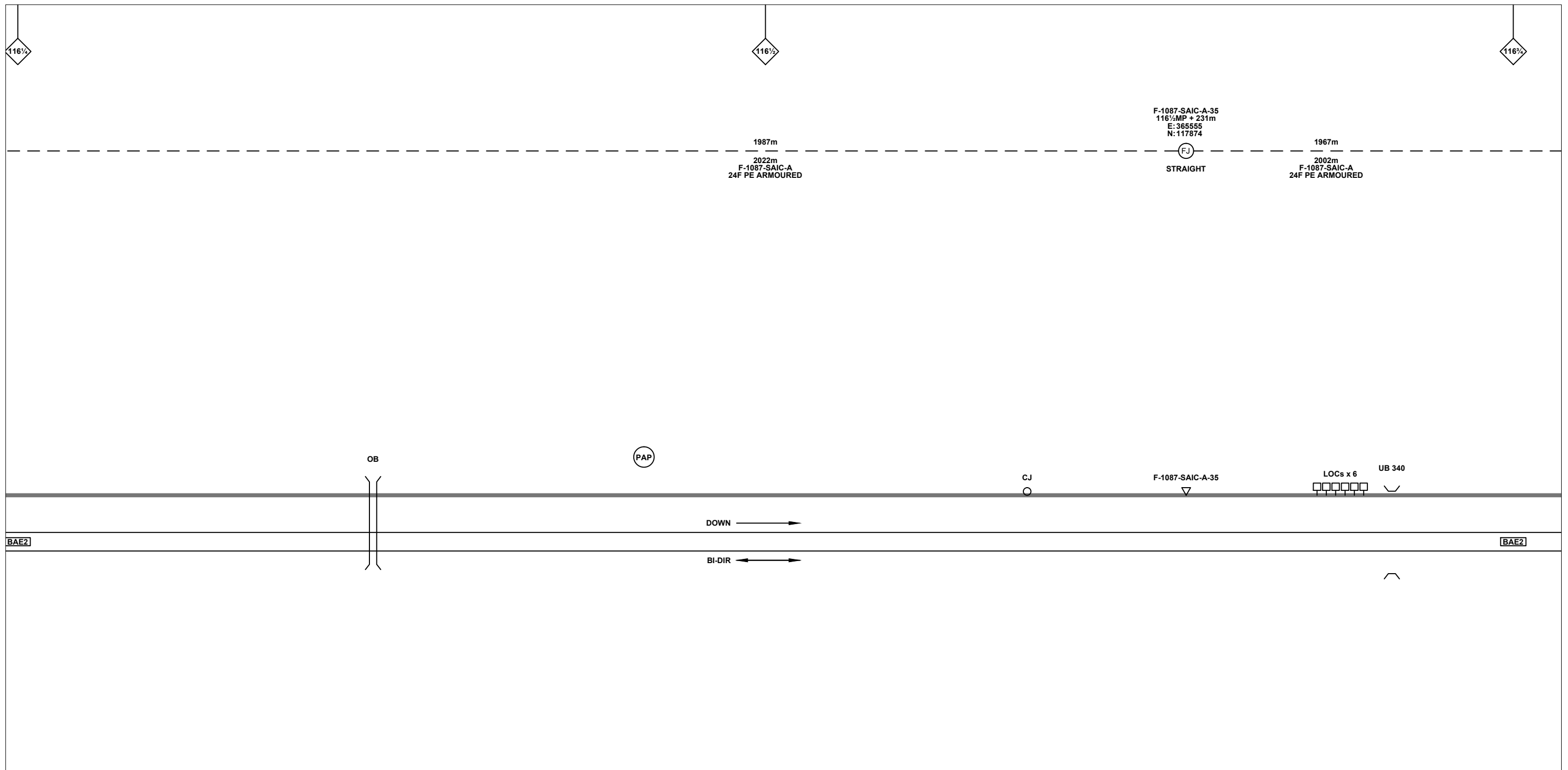
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 3

Sheet: 6 of 12

Drawing Number: NTPO\SLD\1166\1167\001

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Water	Mast
Proposed Copper Elements are shown in BLUE		Existing Fibre Cable								
Proposed Screening Elements are shown in MAGENTA		Existing Copper Cable								
All Recoveries are shown in GREEN		Existing Screen Cable								

Notes

B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT
Rev	Date	Description of Revisions	Drawn	Chkd	Appr

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

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Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

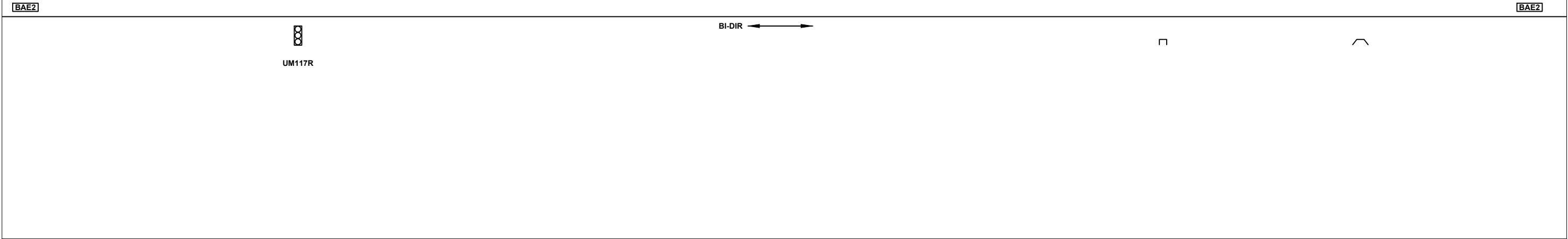
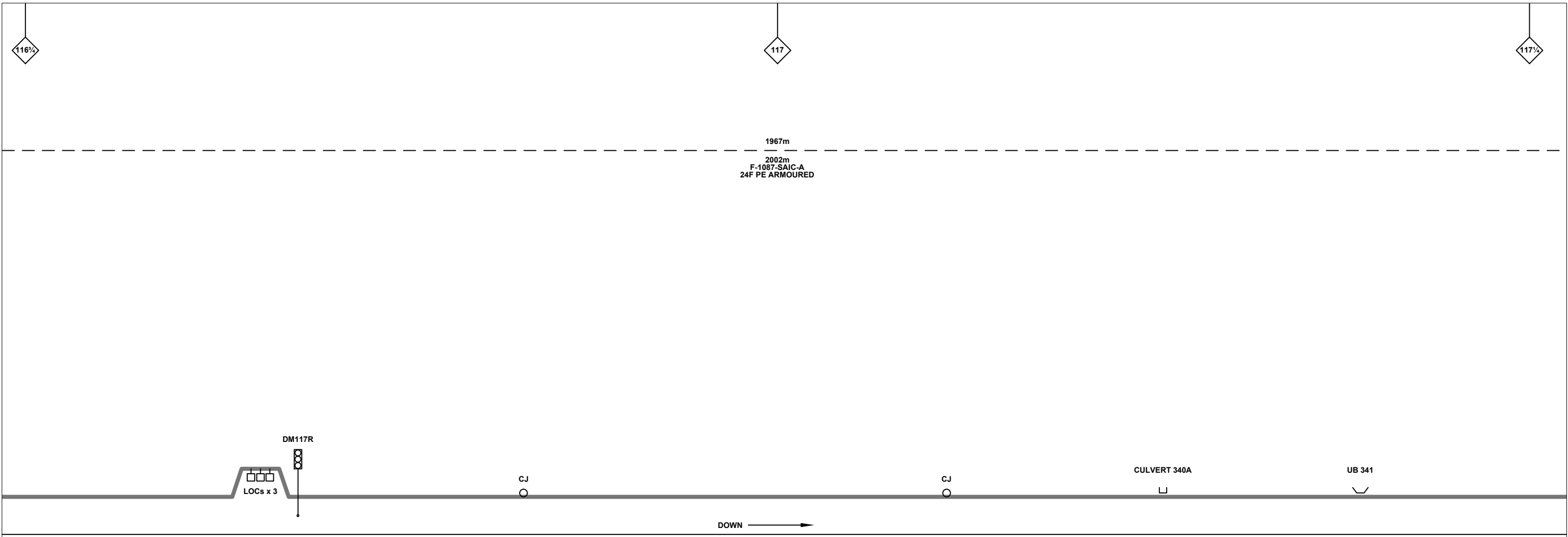
FTN/GSM-R Project
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Alternative Reference: See Layout Tab 841 x 297 Sheet 4

Sheet: 7 of 12

Drawing Number: NTPO\SLD\1166\1167\001

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY	Screening Conductor Joint with/without Earth	Status - as per Key Below	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Water	Mast
Proposed Copper Elements are shown in BLUE		Existing Fibre Cable								
Proposed Screening Elements are shown in MAGENTA		Existing Copper Cable								
All Recoveries are shown in GREEN		Existing Screen Cable								

Notes

B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT
Rev	Date	Description of Revisions	Drawn	Chkd	Appr

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

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Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

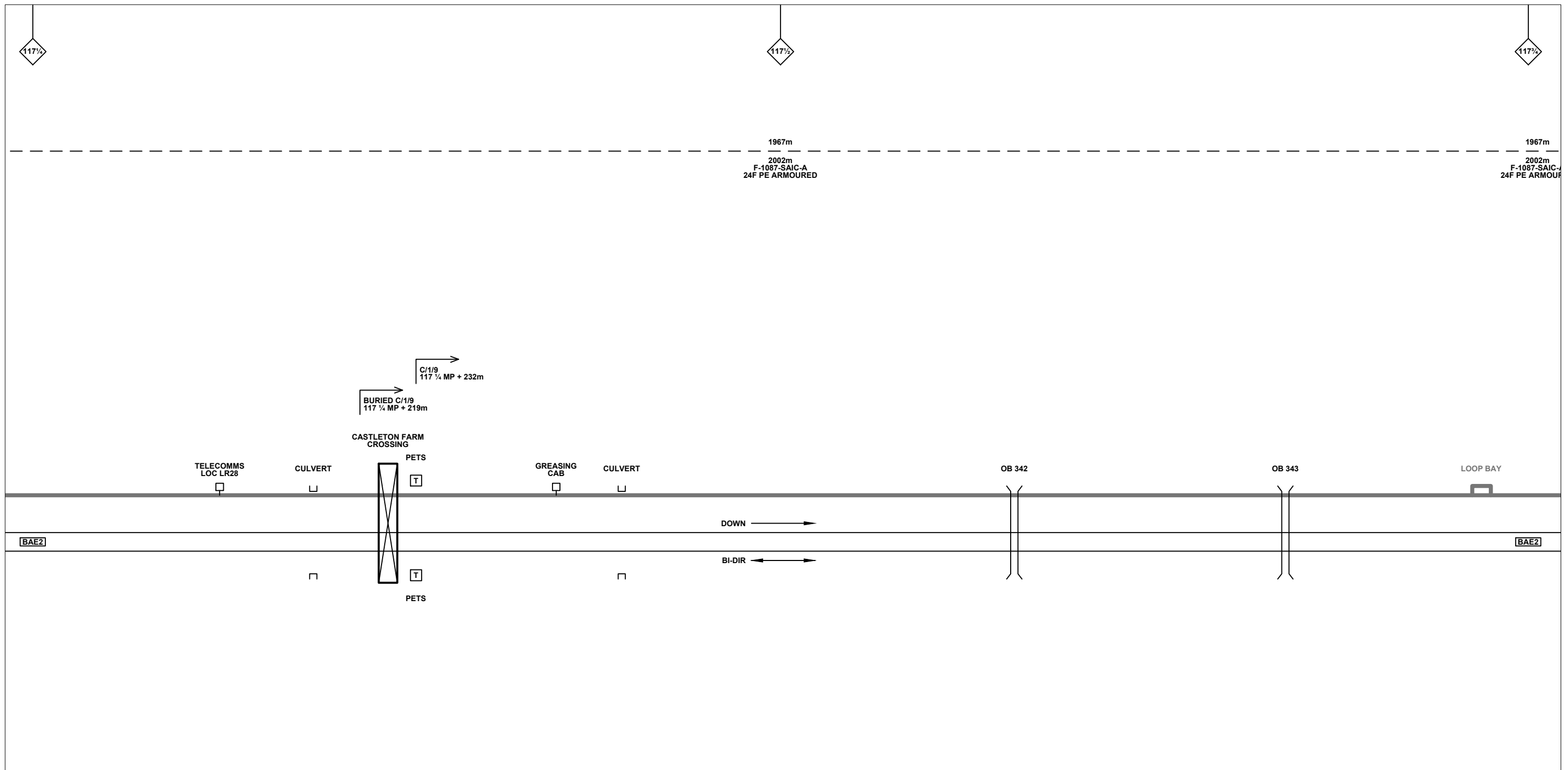
FTN/GSM-R Project
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Paddington
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Alternative Reference: See Layout Tab 841 x 297 Sheet 4

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 8 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV Cable
KEY	Screening Conductor Joint with/without Earth	Manhole	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used	Pedestrian Access Point	Platform	Sewer	LV Cable
Proposed Fibre & Civils Elements are shown in RED		Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Telephone	Telecoms	Water
Proposed Copper Elements are shown in BLUE									Copper Blue Fibre Red Screen Green	Mast
Proposed Screening Elements are shown in MAGENTA										
All Recoveries are shown in GREEN										

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

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Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

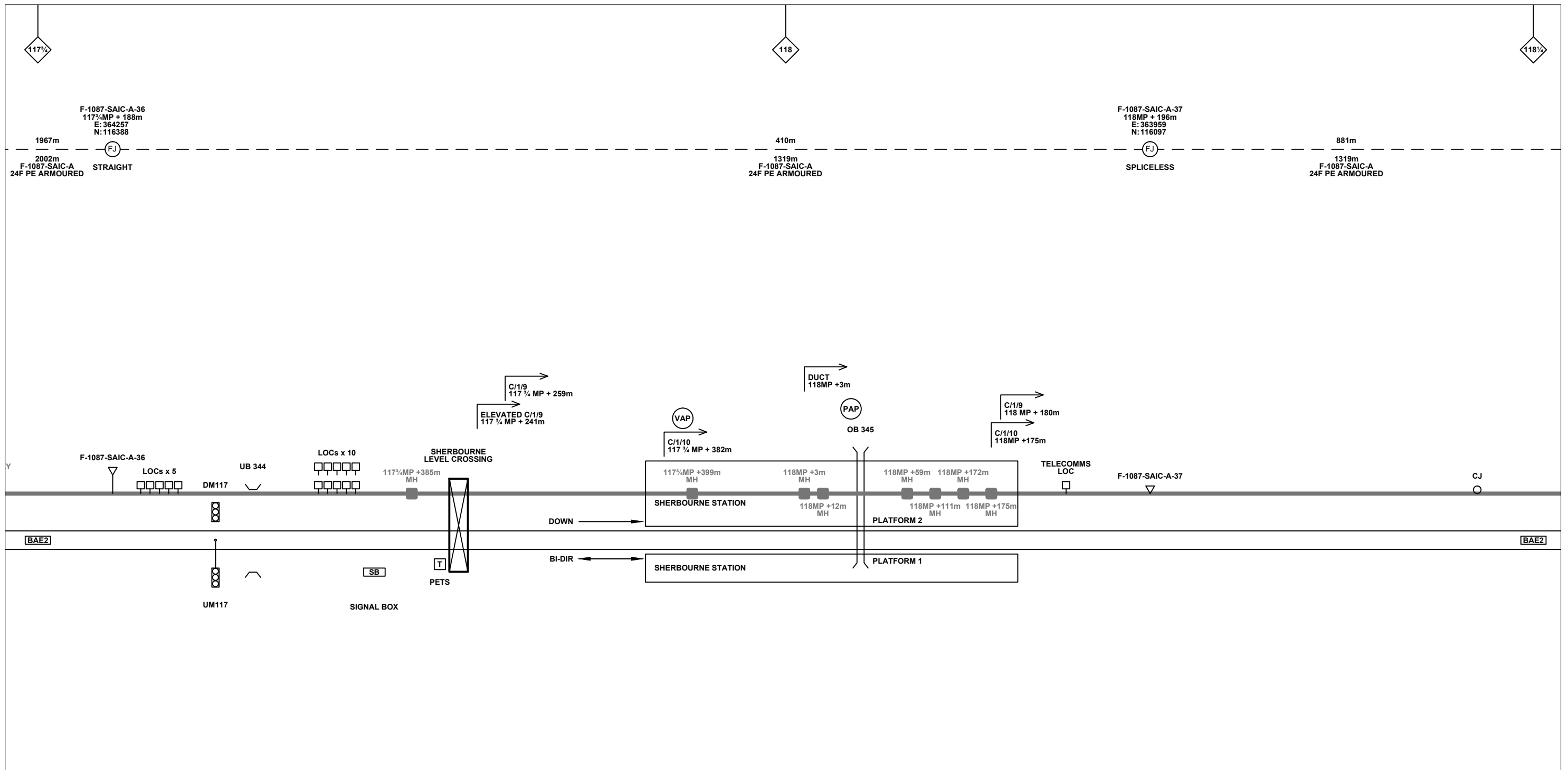
FTN/GSM-R Project
Tournament House
Paddington
London
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Alternative Reference: See Layout Tab 841 x 297 Sheet 5

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 9 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV Cable
KEY	Screening Conductor Joint with/without Earth	Manhole	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used	Pedestrian Access Point	Platform	Sewer	LV Cable
Proposed Fibre & Civils Elements are shown in RED		Status - as per Key Below	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Filled-In use	Earth Farm	Telephone	Telecoms	Water
Proposed Copper Elements are shown in BLUE		All Existing Elements are shown in BLACK				Clear-Empty	Buffer Stop		Copper Blue	Mast
Proposed Screening Elements are shown in MAGENTA		Existing Fibre Cable							Fibre Red	
All Recoveries are shown in GREEN		Existing Copper Cable							Screen Green	
		Existing Screen Cable								

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

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Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

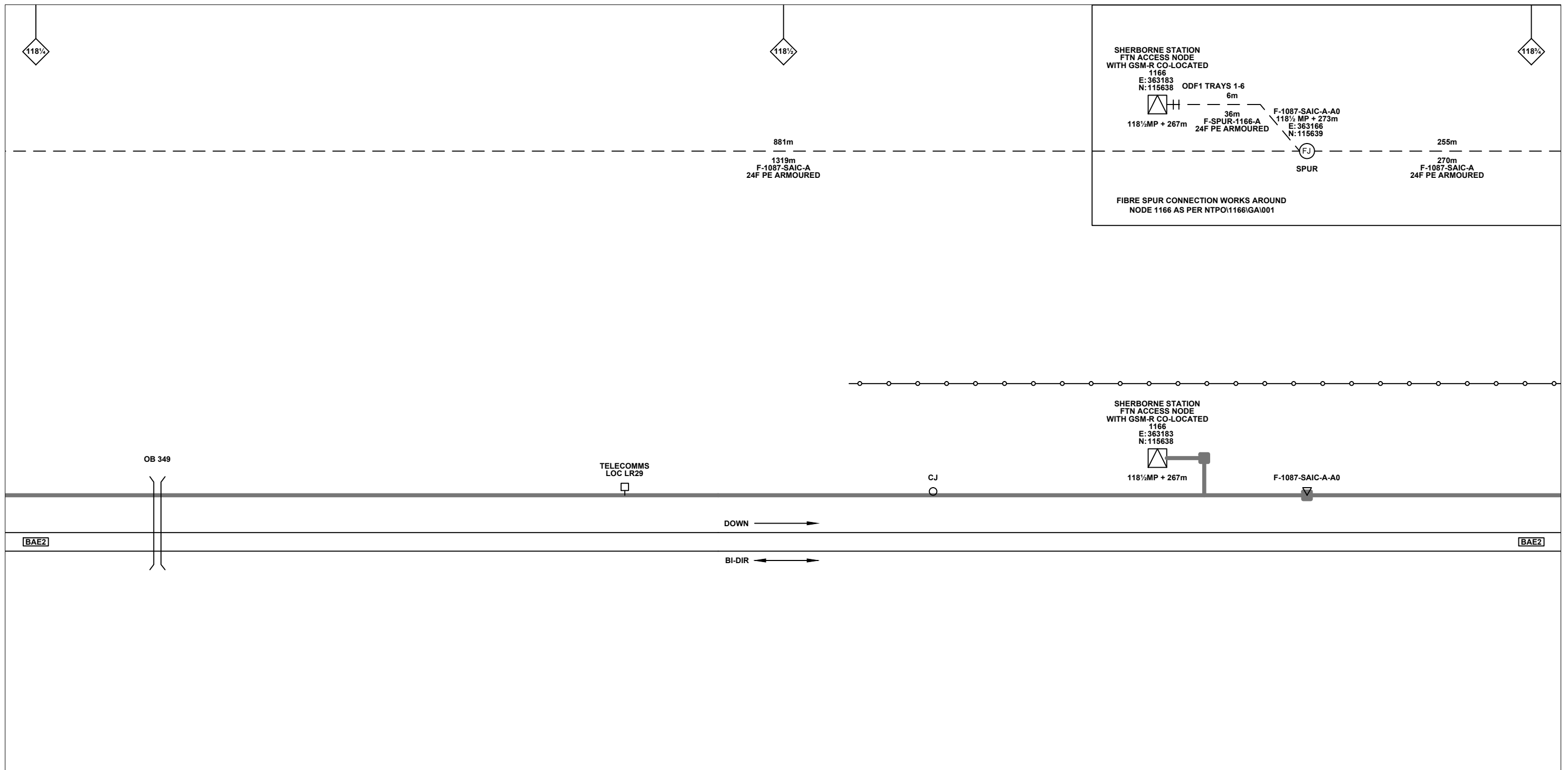
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 5

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 10 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Manhole	Vehicle Access Point	Mile Post	HV Cable	LV Cable
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		Existing Fibre Cable	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Earth Farm	Buffer Stop	Telephone	Copper Blue	Mast
		Existing Copper Cable							Fibre Red	
		Existing Screen Cable							Screen Green	

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

McNicholas **MURPHY**

ndc consultants

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As-Built**

Scale(s): NTS

ELR & Mileage: BAE2

Designed		Sign.		Date	
Drawn	Mike Bonner	Sign.		Date	25/10/2011
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Approved	Chris Tappenden	Sign.		Date	25/10/2011
Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

Network Rail

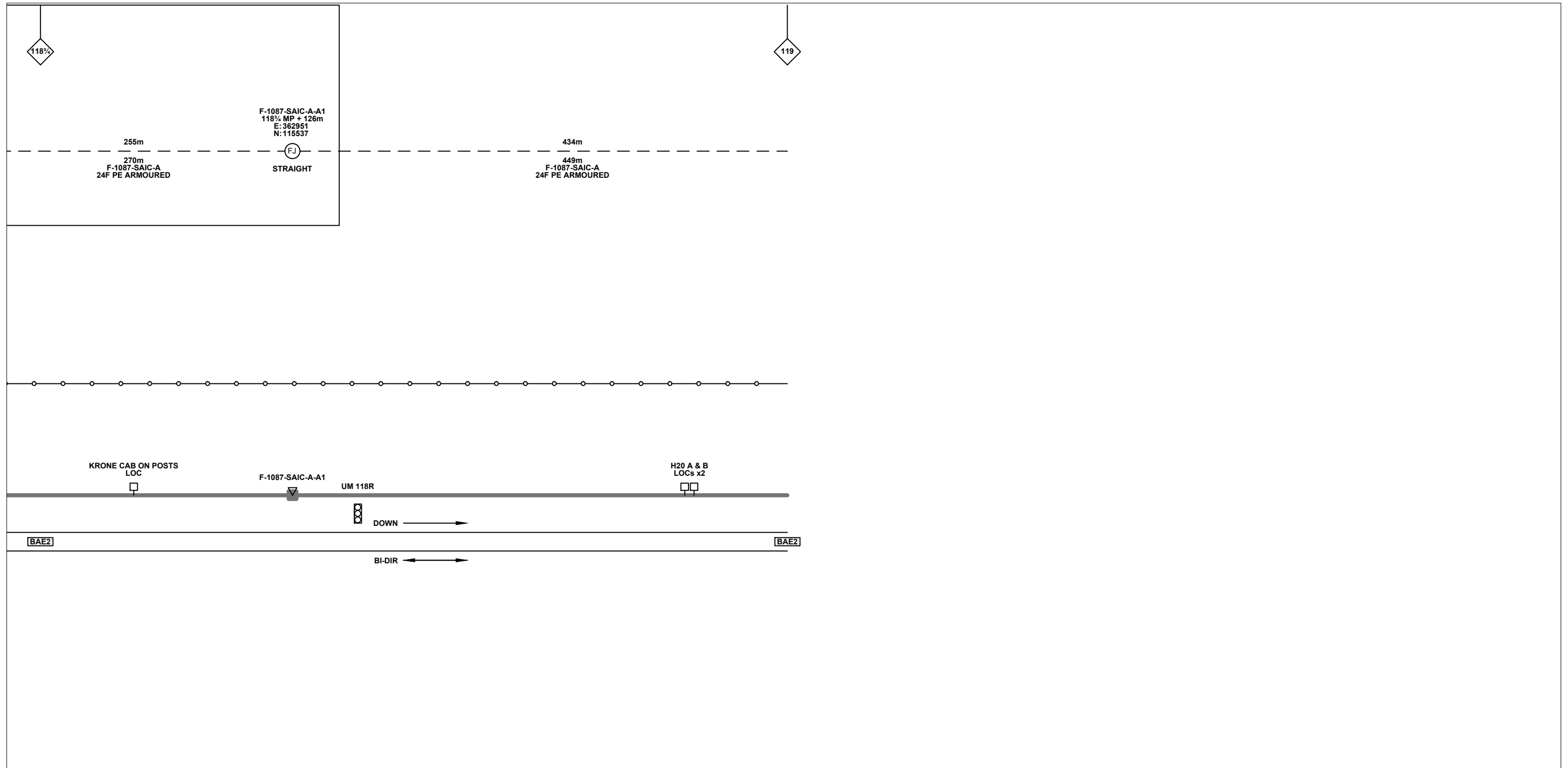
FTN/GSM-R Project
Tournament House
Paddington
London
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Alternative Reference: See Layout Tab 841 x 297 Sheet 6

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 11 of 12

Revision: B



Legend

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	HV Cable	LV Cable
KEY Proposed Fibre & Civils Elements are shown in RED Proposed Copper Elements are shown in BLUE Proposed Screening Elements are shown in MAGENTA All Recoveries are shown in GREEN	Screening Conductor Joint with/without Earth	Manhole	Mid Length Sheath Gap Fibre	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	Sewer	Telecoms
All Existing Elements are shown in BLACK	Existing Fibre Cable	Manhole	Sheath Gap Copper	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Water	Mast

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	11/01/13	As-Built	OW	KS	CT
A	25/10/11	Redrafted from 1167-TEMP-SLD-V1.1.dwg, 1166-1167-SLD-V1.1.dwg & 1166-YEOA-SLD-V1.1.dwg	MB	JW	CT

Contractor(s)

McNicholas **MURPHY**

ndcconsultants

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

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Scale(s): NTS

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Project	FTN/GSM-R Project Stage 2 As-Built				
Drawing Title	Sherborne Station (1166) to Stowell Wood (1167)				

Network Rail

FTN/GSM-R Project
Tournament House
Paddington
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W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 6

Drawing Number: NTPO\SLD\1166\1167\001

Sheet: 12 of 12

Revision: B