

Legend

Notes

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	25/05/2011	Converted to As-built	MT	RP	SW
A	25/09/2008	2nd Issue	JO	AEL	SW
DA	15/09/2008	1st Issue	JO	AEL	SW

Contractor(s)

As-built

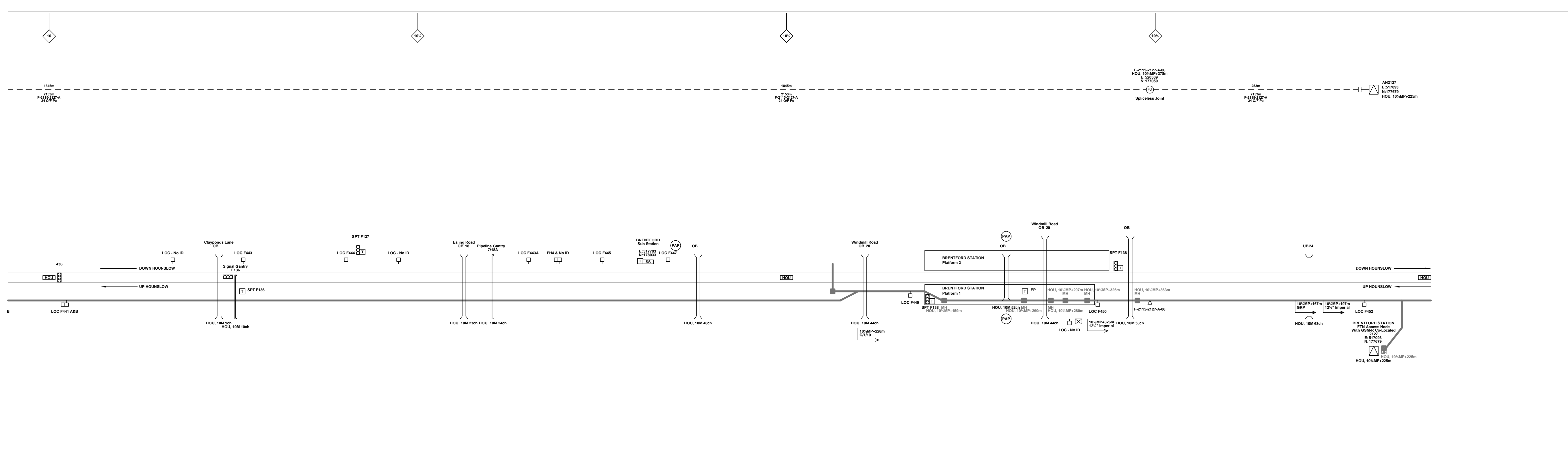
ELR & Mileage
HOU, NKE2 & BOK6

Designed	Michal Taraj	Sign.		Date	25/05/2011
Drawn	Michal Taraj	Sign.		Date	25/05/2011
Checked	Rashmi Patel	Sign.		Date	25/05/2011
Approved	Steve Witt	Sign.		Date	25/05/2011
Project	FTN / GSM-R Project WP10-04				
Drawing Title	Grove Park (2116) Brentford Station (2127)				

FTN/GSM-R Project
Tottenham House
London
W2 1HA

Alternative Reference
See Layout Tab A3 Sheets 1 and 2

Sheet 1 of 2
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		Overbridge		Signal		Engineer's Line Reference		Crossing		GAS		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 details: Filled-In use		Underbridge		Vehicle Access Point		Mile Post		Gantry		HV Cable		LV Cable
	Proposed Fibre & Civils Elements are shown in RED		Screening Conductor Joint with/without Earth		Status - as per Key Below		Manhole		FTN Access Node		Cabinet Routeworks		Manhole details: Clear-Empty		Platform		Pedestrian Access Point		Telephone		Cable Pull		Sewer		Water
	Proposed Copper Elements are shown in BLUE		Existing Fibre Cable		Existing Copper Cable		Sheath Gap Fibre		FTN Access Node with GSM-R Colocated		Fibre Joint Routeworks		Tunnel		Earth Farm		Buffer Stop		AC Stanchion		Copper Blue Fibre		Sewer		Water
	Proposed Screening Elements are shown in MAGENTA		Existing Screen Cable		Sheath Gap Copper																Screen Green				
	All Recoveries are shown in GREEN																								

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As-built

ELR & Mileage
HOU, NKE2 & BOK6

Status
NTS

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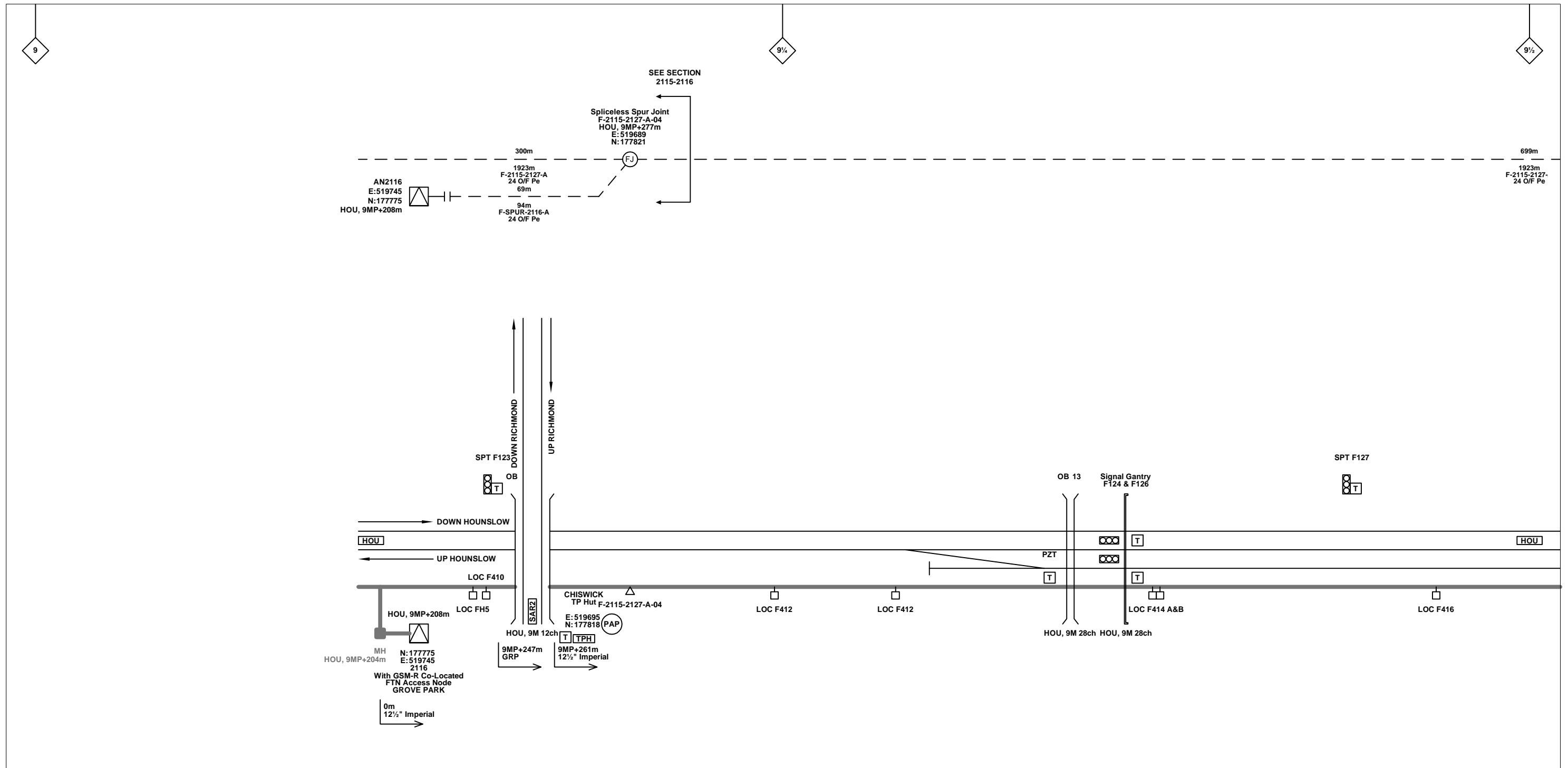
FTN/GSM-R Project
Tottenham House
London
W2 1HA

Alternative Reference
See Layout Tab A3 Sheets 3 and 4

Drawing Number
NTPO\SLD\2116\2127\001

Sheet
2 of 2

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	GAS	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	HV	HV Cable
	KEY		Screening Conductor Joint with/without Earth		Manhole		Mid Length Sheath Gap Fibre		FTN Access Node		Cabinet Routeworks		Tunnel		Pedestrian Access Point		Platform		SEW	SEW	SEW	Sewer	
	Proposed Fibre & Civils Elements are shown in RED		Existing Fibre Cable		Existing Copper Cable		Sheath Gap Copper		FTN Access Node with GSM-R Colocated		Fibre Joint Routeworks		Earth Farm		Buffer Stop		Telephone		Copper Blue Fibre Red Screen Green		AC Stanchion		Water

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McNicholas

Contractor(s)

Status: **As-built**

Scale(s): NTS

ELR & Mileage: HOU, NKE2 & BOK6

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Network Rail

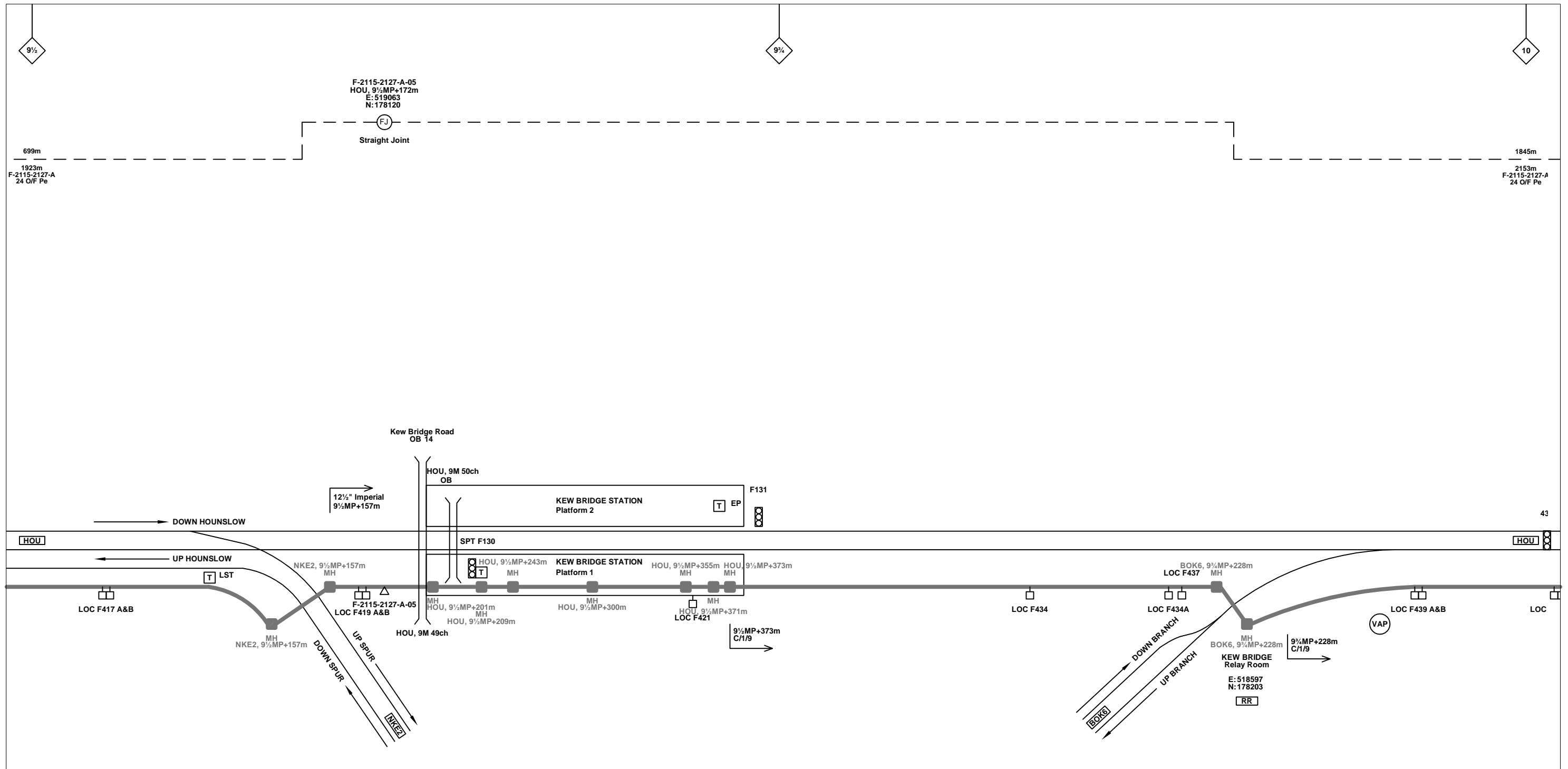
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 1

Drawing Number: NTPO\SLD\2116\2127\001

Sheet: 1 of 4

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 — GAS — GAS — 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	VAP Access Point	Mile Post	Gantry	HV — HV — HV — 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	PAP Access Point	Platform	SEW — SEW — SEW — Sewer	LV — LV — LV — LV Cable
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	v — v — v — Water	Cable Pull
Proposed Copper Elements are shown in BLUE	Existing Fibre Cable								Copper Blue	AC Stanchion
Proposed Screening Elements are shown in MAGENTA	Existing Copper Cable								Fibre Red	
All Recoveries are shown in GREEN	Existing Screen Cable								Screen Green	

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McNicholas

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Network Rail

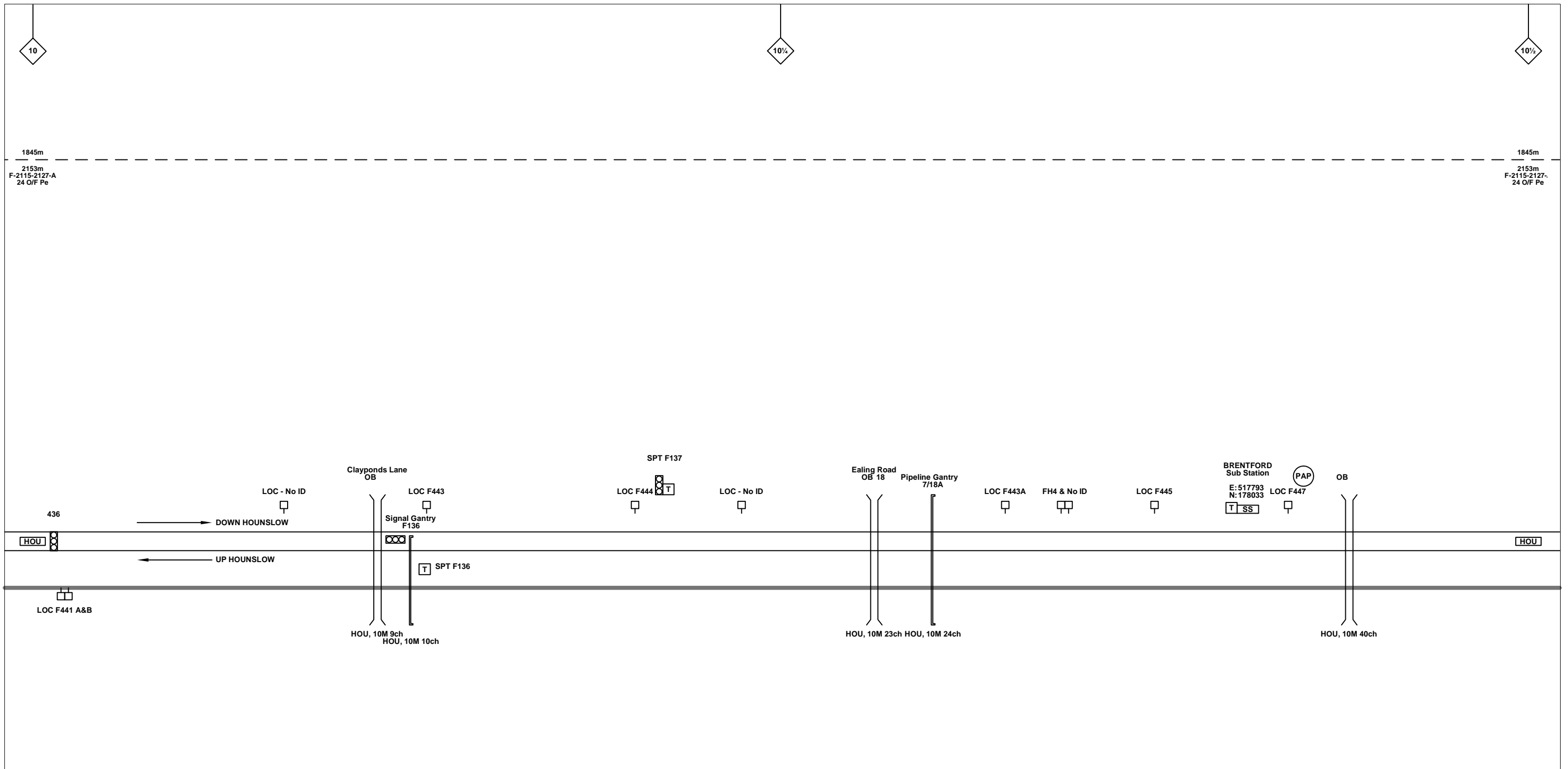
FTN/GSM-R Project
Tournament House
Paddington
London
W2 1HA

Alternative Reference: **See Layout Tab 841 x 297 Sheet 1**

Drawing Number: **NTPO\SLD\2116\2127\001**

Sheet: **2 of 4**

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	GAS	Gas Line				
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	KEY		Screening Conductor Joint with/without Earth		Manhole		Mid Length Sheath Gap Fibre		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		Existing Fibre Cable		Sheath Gap Copper		FTN Access Node with GSM-R Colocated		Fibre Joint Routeworks		Earth Farm		Buffer Stop		Telephone		Cable Pull		AC Stanchion		TEL	TEL	Telecoms		v	v	Water

1988m
2034m
F-DIDC-RGAC-A

Status - as per Key Below

All Existing Elements are shown in BLACK

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

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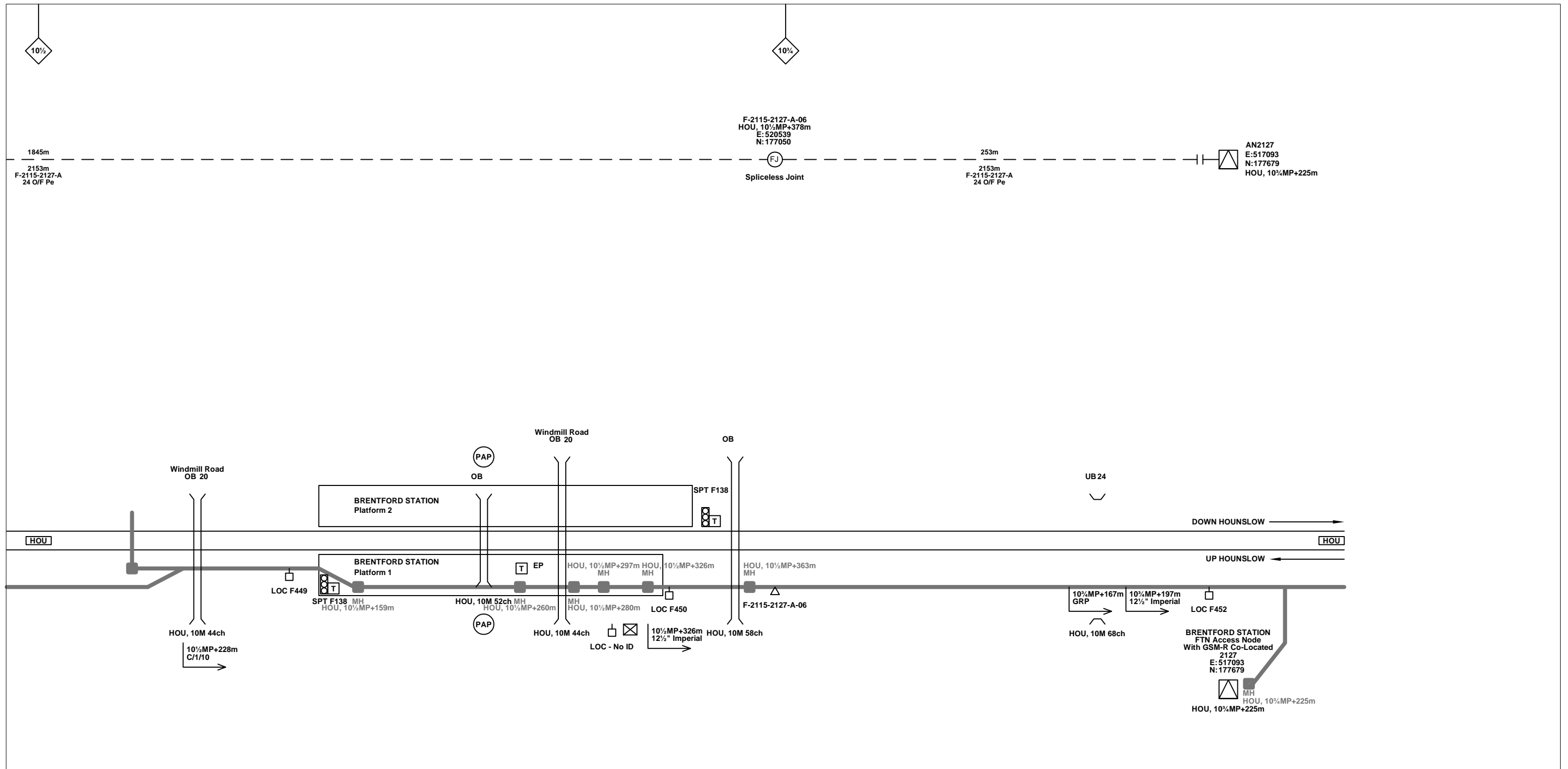
FTN/GSM-R Project
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Paddington
London
W2 1HA

Alternative Reference
See Layout Tab 841 x 297 Sheet 2

Drawing Number
NTPO\SLD\2116\2127\001

Sheet
3 of 4

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
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Proposed Copper Elements are shown in BLUE										
Proposed Screening Elements are shown in MAGENTA										
All Recoveries are shown in GREEN										

All Existing Elements are shown in BLACK

Existing Fibre Cable

Existing Copper Cable

Existing Screen Cable

		Contractor(s) 		Designed: Michal Taraj Drawn: Michal Taraj Checked: Rashmi Patel Approved: Steve Witt	Sign. _____ Sign. _____ Sign. _____ Sign. _____	Date: 25/05/2011 Date: 25/05/2011 Date: 25/05/2011 Date: 25/05/2011		FTN/GSM-R Project Tournament House Paddington London W2 1HA
Status As-built		Drawing Title Grove Park (2116) Brentford Station (2127)		Alternative Reference See Layout Tab 841 x 297 Sheet 2		Sheet 4 of 4		
Scale(s) NTS		ELR & Mileage HOU, NKE2 & BOK6		Drawing Number NTPO\SLD\2116\2127\001		Revision B		
Rev B A DA	Date 25/05/2011 25/09/2008 15/09/2008	Description of Revisions Converted to As-built 2nd Issue 1st Issue	Drawn MT JO JO	Chkd RP AEL AEL	Appr SW SW SW			