

**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 |
| <b>KEY</b> |                                    |  | Screening Conductor Joint with/without Earth |  | Manhole                             |  | Mid Length Sheath Gap Fibre          |  | FTN Access Node                |  | Cabinet Routeworks      |  | Tunnel      |  | Pedestrian Access Point |  | Platform                  |  | Cable Pull |  | LV Cable |
|            |                                    |  |  |  | Sheath Gap Copper                   |  | FTN Access Node with GSM-R Colocated |  | Fibre Joint Routeworks         |  | Earth Farm              |  | Buffer Stop |  | Mast                    |  | Sewer                     |  | Telecoms   |  | Water    |

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  
 All Existing Elements are shown in BLACK  
 Existing Fibre Cable  
 Existing Copper Cable  
 Existing Screen Cable

Notes

|     |          |  |       |      |      |
|-----|----------|--|-------|------|------|
| Rev | Date     | Description of Revisions                 | Drawn | Chkd | Appr |
| B   | 06/06/13 | As Built                                 | RM    | JH   | IA   |
| A   | 03/02/11 | Redrafted from NMEA-SUNA Asbuilt SLD.dwg | DA    | JW   | CT   |

Contractor(s)

Status: **As Built**

Scale(s): NTS

ELR & Mileage: BML1, HAM & NGL

|  |       |      |
|--|-------|------|
| Designed                                       | Sign. | Date |
| Drawn  | Sign. | Date |
| Checked  | Sign. | Date |
| Approved                                       | Sign. | Date |
| Project  |       |      |
| FTN/GSM-R Project Stage 2                      |       |      |
| Drawing Title                                  |       |      |
| Surbiton Station (6181) to Surbiton LDT (SUNA) |       |      |

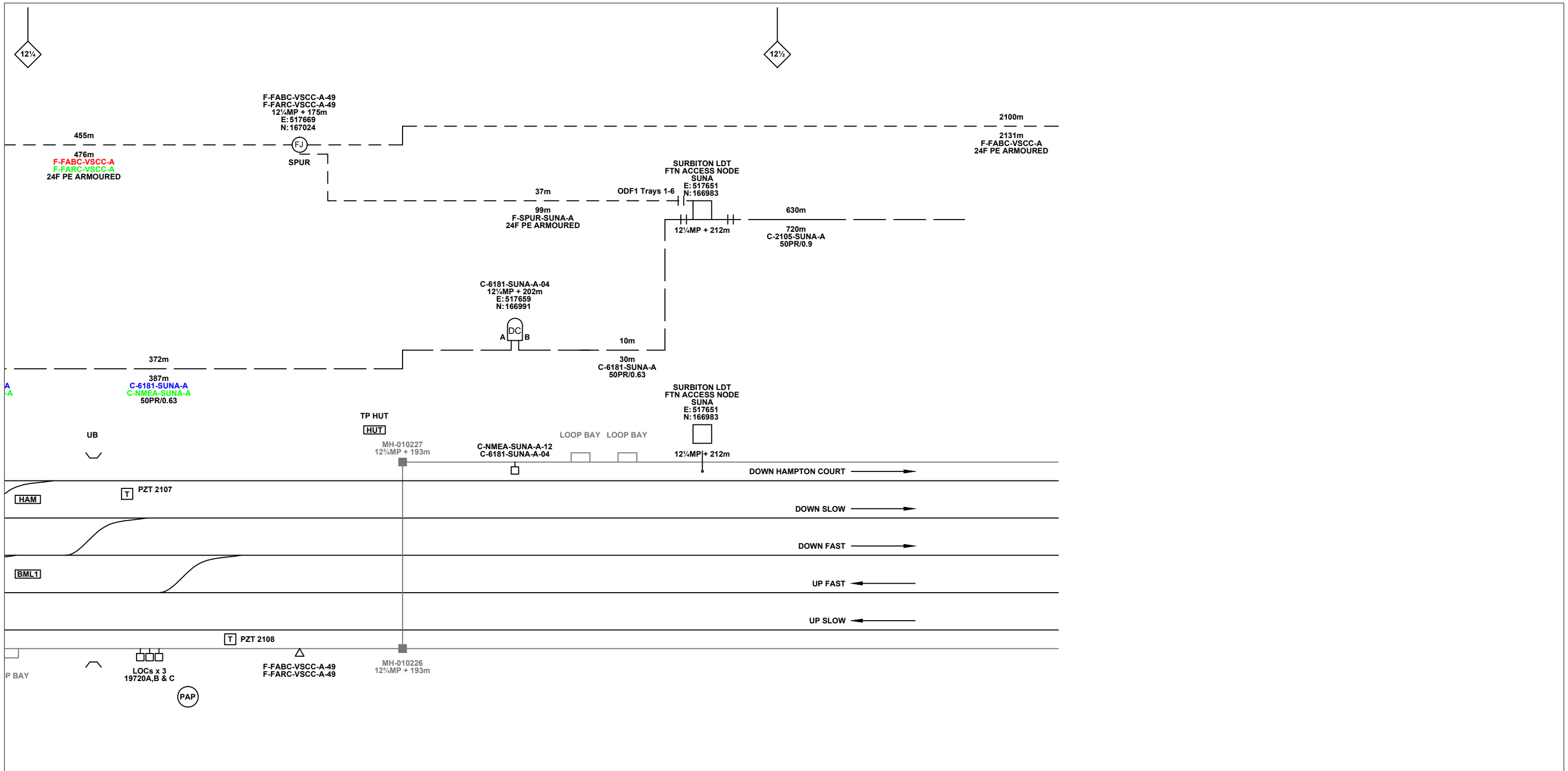
FTN/GSM-R Project  
Tournament House  
Paddington  
London  
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 1

Drawing Number: NTPO\SLD\6181\SUNA\001

Sheet: 1 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                             | Manhole details: Cross-To be used Filled-In use Clear-Empty | FTN Access Node                      | Cabinet Routeworks      | Pedestrian Access Point | Platform             | Water                     | Cable Pull | Mast                 |
| Proposed Fibre & Civils Elements are shown in RED | All Existing Elements are shown in BLACK     | Mid Length Sheath Gap Fibre         | Tunnel  | FTN Access Node with GSM-R Colocated | Fibre Joint Routeworks  | Earth Farm              | Buffer Stop          | Telephone                 | Mast       | Water                |

Notes

|     |          |  |       |      |      |
|-----|----------|--|-------|------|------|
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Contractor(s)

Status: **As Built**

Scale(s): NTS

ELR & Mileage: BML1, HAM & NGL

|   |       |      |
|---|-------|------|
| Designed  | Sign. | Date |
| Drawn   | Sign. | Date |
| Checked   | Sign. | Date |
| Approved  | Sign. | Date |
| Project   |       |      |
| FTN/GSM-R Project<br>Stage 2                      |       |      |
| Drawing Title                                     |       |      |
| Surbiton Station (6181) to<br>Surbiton LDT (SUNA) |       |      |

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Drawing Number: NTPO\SLD\6181\SUNA\001

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Revision: B