

Key Plan
N.T.S.

Key for CMS types

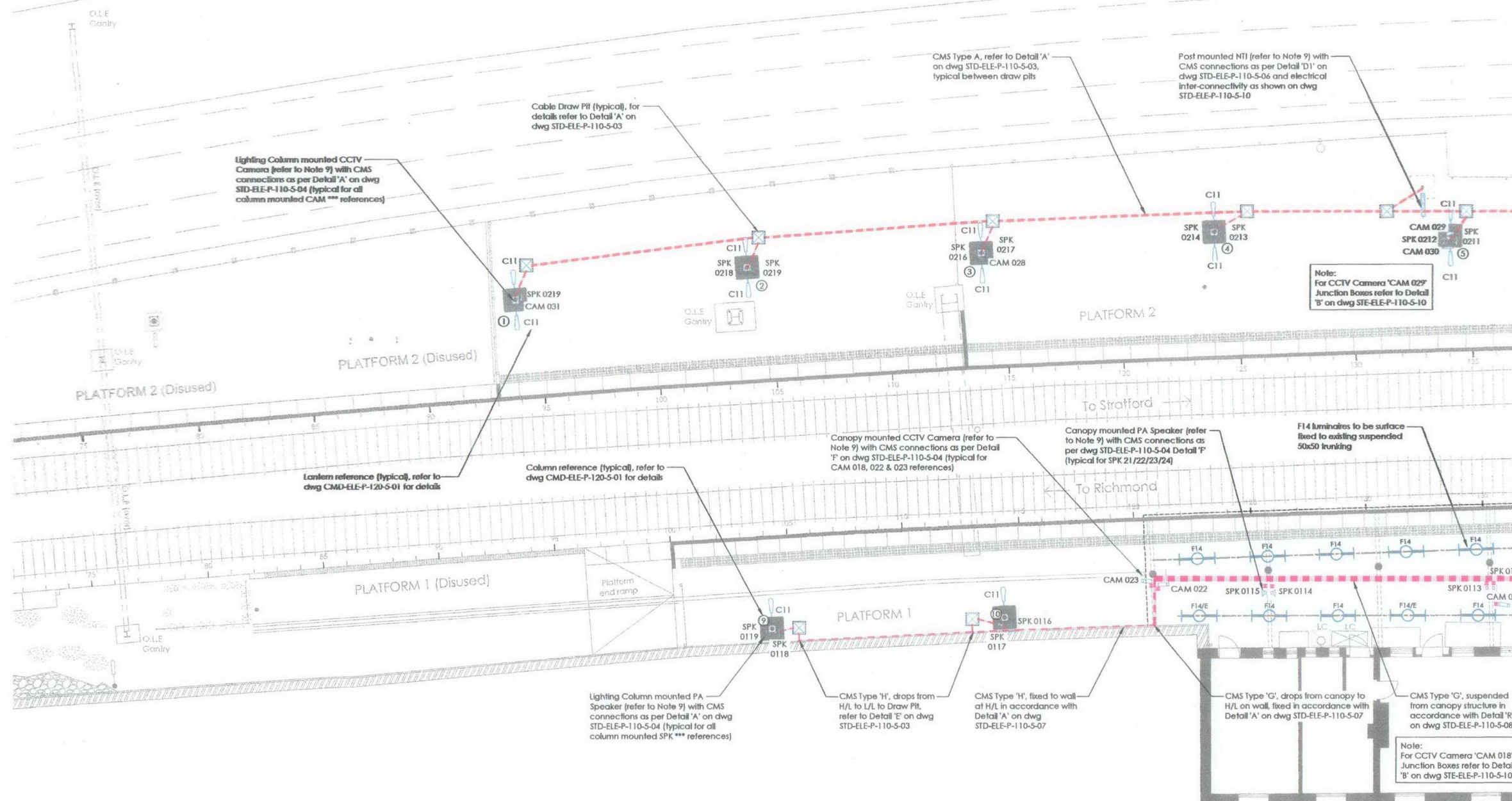
- 2N° 100 dia Ridgicols for LV Power and Comms cables between draw pits, buried a minimum of 450 below finished platform level c/w draw wire refer to Detail 'A' on dwg STD-ELE-P-110-5-03.
- 2N° 100 dia Ridgicols for LV Power and Comms cables to CCTV Cabinet refer to Detail 'G' on dwg STD-ELE-P-110-5-06.
- 2N° 50 dia Ridgicols for LV Power and Comms cables from draw pit to lighting column, refer to Detail 'A' on dwg STD-ELE-P-110-5-04.
- 1N° 50 dia Ridgicols, refer to Detail 'A' on dwg STD-ELE-P-110-5-04.
- 2N° 25 dia galvanised steel conduits for LV Power and Comms cables.
- 1N° 25 dia galvanised steel conduit.
- 225x50 wide heavy duty return flanged 2-compartment galvanised steel cable tray for LV Power and Comms cables c/w heavy duty lid.
- 100x50 wide heavy duty return flanged 2-compartment galvanised steel cable tray for LV Power and Comms cables c/w heavy duty lid.
- 75x50 1 compartment galvanised steel cable trunking.
- 2N° 32 dia galvanised steel conduits for LV Power and Comms cables.

Note:

Where 90° bends are required in CMS types 'E', 'F' and 'K' a minimum bending radius of 100mm must be incorporated.

Where 90° bends are required in CMS types 'G' and 'H' a 'Flat Bend' is to be incorporated.

PLATFORM (Disused)



Platform Plan - Area B

General notes

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- This drawing is to be read in conjunction with all relevant Drawings, Specifications, and Contract Documents.
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- For Standard Notes used on the CML/Architectural (Ambience Works) drawings, refer to Drawing No. STD-PAD-P-110-5-01. For Standard Notes used on the Electrical (Ambience Works) drawings, refer to Drawing No. STD-ELE-P-110-5-02.
- For Symbols and Abbreviations used on the CML/Architectural (Ambience Works) drawings, refer to Drawing No. STD-PAD-P-110-5-02. For Symbols and Abbreviations used on the Electrical (Ambience Works) drawings, refer to Drawing No. STD-ELE-P-110-5-02.
- This drawing has been produced without topographical or geometrical survey data. The relative positions of existing structures, station furniture, fixtures, etc., which are not subject to Phase 3 Ambience Works, are shown indicatively. It is the responsibility of the User of this drawing to check and verify the accuracy of the information provided prior to its use. In the event that such verification is not undertaken no liability will be accepted for claims, additional cost or extension of time resulting from any inaccuracies contained within the information provided. All dimensions must be checked on site to ensure the proposed works can be installed correctly and in accordance with the design intent prior to commencing work.
- All materials and workmanship shall be in accordance with current and specified standards.
- The systems equipment design which includes Closed Circuit Television Camera (CCTV), Public Address Speakers (PA), Customer Information Screens (CIS), Next Train Indicators (NTI), Train Announcer Display Screens (TAS), Closed Circuit Television Camera Live Monitor Display Screens (CCTV DS), Public Help Points (PHP) and Induction Loops (IL) is by LOROL's System Designer. New CCTV camera & PA speakers are shown in the general location indicated on the System Designer's CCTV Desktop Survey drawings. The systems equipment locations, where shown, is indicative and are provided for coordination and information purposes only. Lighting columns that support existing operational systems equipment shall not be removed until the new systems equipment is installed and operational. No reliance should be placed upon the accuracy of the systems information provided. Final connections to Systems Equipment to be by LOROL's System Designer. Structural assessment of new or existing structures supporting Systems equipment is by the Systems Designer.
- Repair and reinstatement / replacement of any existing assets damaged by the User of these documents works is the responsibility of the User. The User shall replace the damaged area / materials with new to a standard no less than equal quality and to the satisfaction of the Engineer. Replacement materials shall be Network Rail compliant. Repair will only be acceptable with prior written approval of the Engineer. The User shall be responsible for all direct and indirect costs associated with such damage.
- The User of these documents shall be familiar with the Designer's Risk Assessment prior to commencement of any work on site, and shall take all appropriate measures necessary to maintain Health & Safety risks associated with the works.

project no.
1036 - 029

THIS DRAWING DOES NOT TAKE ACCOUNT OF INFORMATION CONTAINED WITHIN THE SYSTEMS OPERATIONS FINAL PROPOSAL AND WILL BE SUBJECT TO CHANGE ONCE THESE DETAILS HAVE BEEN RECEIVED.

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Platform Plans
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- A. 2N^o 100 dia Ridgicouls for LV Power and Comms cables between draw pits, buried a minimum of 450 below finished platform level c/w draw wire, refer to Detail 'A' on dwg STD-ELE-P-110-5-03.
- B. 2N^o 100 dia Ridgicouls for LV Power and Comms cables to CCTV Cabinet refer to Detail 'C22' on dwg STD-ELE-P-110-5-06.
- C. 2N^o 50 dia Ridgicouls for LV Power and Comms cables from draw pit to lighting column, refer to Detail 'A' on dwg STD-ELE-P-110-5-04.
- D. 1N^o 50 dia Ridgicouls, refer to Detail 'A' on dwg STD-ELE-P-110-5-04.
- E. 2N^o 25 dia galvanised steel conduits for LV Power and Comms cables.
- F. 1N^o 25 dia galvanised steel conduit.
- G. 225x50 wide heavy duty return flanged 2-compartment galvanised steel cable tray for LV Power and Comms cables c/w heavy duty lid.
- H. 100x50 wide heavy duty return flanged 2-compartment galvanised steel cable tray for LV Power and Comms cables c/w heavy duty lid.
- I. 75x50 1 compartment galvanised steel cable trunking.
- J. 2N^o 32 dia galvanised steel conduits for LV Power and Comms cables.

Where 90° bends are required in CMS types 'E', 'F' and 'K' a minimum bending radius of 100mm must be incorporated.

Where 90° bends are required in CMS types 'G' and 'H' a 'Flat Bend' is to be incorporated.

Free standing PHP (refer to Note 9) with CMS type 'C' connections as per Detail 'A1' on dwg STD-ELE-P-110-5-06 and electrical inter-connectivity as shown on dwg STD-ELE-P-110-5-10

Cable Draw Pit (typical), for details refer to Detail 'A' on dwg STD-ELE-P-110-5-03

Past mounted Induction Loop (refer to Note 9) with CMS type 'D' connections for Comms cables as per Detail 'E1' on dwg STD-ELE-P-110-5-06

CMS Type G, fixed to wall in accordance with Detail 'A' on dwg STD-ELE-P-110-5-07 drops from H/L and interfaces with platform CMS as per Detail 'E' on dwg STD-ELE-P-110-5-03

Surface mounted Ambient Noise Sensor (refer to Note 9) with CMS connections as per Detail 'E' on dwg STD-ELE-P-110-5-04 (typical for all surface mounted ANS **** references)

CMS Type K, fixed to structure in accordance with Detail 'B' on dwg STD-ELE-P-110-5-07 to 6N° new F11 luminaires and 5N° loudspeakers

For continuation of CMS from Stairs refer to CMD-ELE-P-50 series drawings

Floor mounted CCTV cabinet with CMS connections as per Detail 'G2' on dwg STD-ELE-P-110-5-06

CMS Type A, refer to Detail 'A' on dwg STD-ELE-P-110-5-03, typical between draw pits

Canopy mounted PA Speaker (refer to Note 9) with CMS connections as per dwg STD-ELE-P-110-5-04 Detail 'F' (typical for SPK 25 to 33)

Surface mounted with CMS Type 'F' on STD-ELE-P-110-5-04 surface mounted

To Stratford

To Richmond

Platform 2

Platform 1

Wall mounted Induction Loop (refer to Note 9) with CMS type 'F' connection as per Detail 'E2' on dwg STD-ELE-P-110-5-06

Surface mounted NTL (refer to Note 9) with CMS type 'E' connections as per Detail 'D2' on dwg STD-ELE-P-110-5-06 and electrical inter-connectivity as shown on dwg STD-ELE-P-110-5-10

Wall mounted PHP (refer to Note 9) with CMS type 'E' connections as per Detail 'C1' on dwg STD-ELE-P-110-5-06 and electrical inter-connectivity as shown on dwg STD-ELE-P-110-5-10

CMS type 'J' suspended in canopy from existing trunking, in accordance with Detail 'R' on dwg STD-ELE-P-110-5-08, into Sarel enclosure (containing cable armour termination terminals mounted on wall at H/L (400H x 300W x 150D)

For continuation of CMS from Stairs refer to CMD-ELE-P-50 series drawings

CMS Type 'G', to penetrate through wall from Staircase in accordance with Detail 'E' on dwg STD-ELE-P-110-5-05 and rises to H/L to be suspended from canopy structure in accordance with Detail 'R' on dwg STD-ELE-P-110-5-08