WESTERN GOODS YARD KINGS CROSS CENTRAL

Applied Landscape Design Balustrades Tracker to Discharge:

Reserved matter conditions 2 (c)
Gas Holder Park & Canal Reach

Kings Cross Central 2014/3681/P

ALD Project Ref: 653 / 14

Document Ref: ALD653_RP904

Document Revision: P01

Current Issue Date: 17.07.2015

ALD working date: 11.03.2015

Reason For Issue: Approval

Prepared By: Applied Landscape Design Ltd

Landscape Architect

Client: Carillion





Doc Ref: ALD653_RP904 Balustrade Tracker

INTRODUCTION

This document has been prepared to discharge the following planning conditions as highlighted below: Under application 2014/3681/P, Gas Holder Park & Canal Reach, Kings Cross Central

CONDITION	DETAILS OF CONDITION	NOTES
1	Prior to commencement on the relevant part of the development hereby approved details of all external lighting to include location, design, specification, fittings and fixtures (including means of reducing light spillage) shall be submitted to and approved in writing by the local planning authority.	Refer to ALD653_RP901
2 Approval of material finishes	Prior to commencement on the relevant part of the development hereby approved the following details shall be submitted and approved in writing by the local planning authority:	Refer to ALD653_RP902 - RP904
2a Paving approval	Detailed drawings and / or samples as appropriate of all paving materials and finishes (including but not limited to resin bonded gravel , sandstone paving , dutch clay pavers , granite setts , granite paving , natural stone steps , bricks) and other hard landscape surface treatments. The material under this condition shall be displayed in the form of a samples board to be retained on site for the duration of the relevant works.	Refer to ALD653_RP902
2b	Detailed drawings of all planters , benches and seats	Refer to ALD653_RP903
2c	Detailed drawings and / or samples of materials as appropriate of any balustrading	Refer to information enclosed

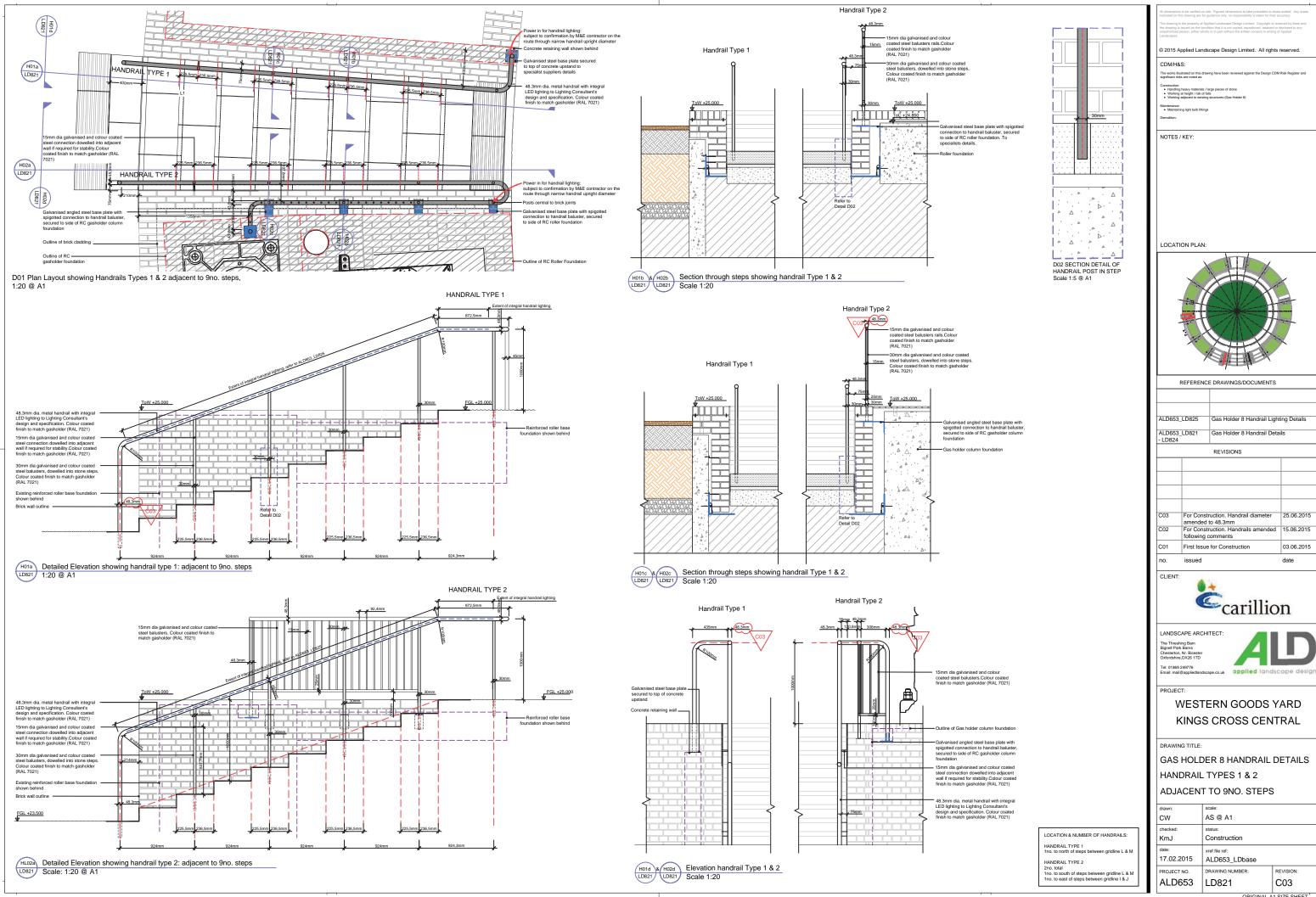
NOTE: Refer to drawing ALD653_GA002 for public realm hard landscape and lighting layout

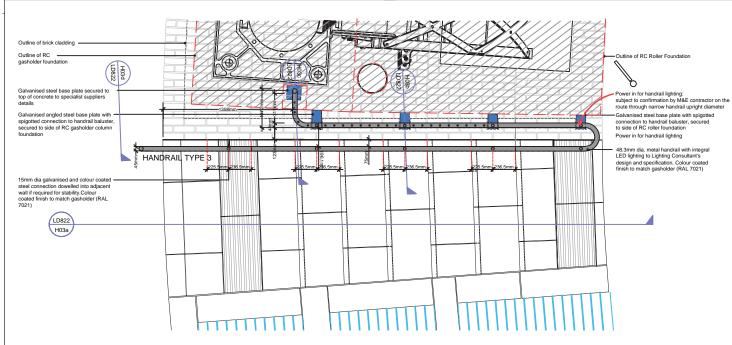


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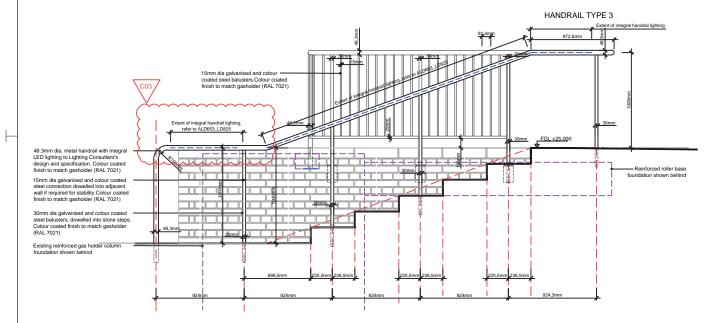


APPENDIX A: GAS HOLDER 8 HANDRAILS / BALUSTRADES





D03 Plan Layout showing Handrails Type 3 adjacent to 6no. steps,



(H03a) Detailed Elevation showing handrail Type 3: adjacent to 6no. steps, 1:20 @ A1

LOCATION & NUMBER OF HANDRAILS:

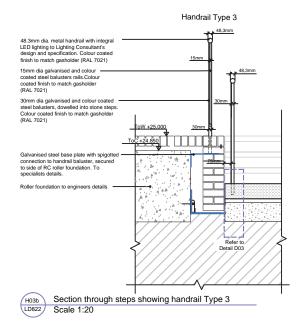
1no. to west of steps between gridline H & G

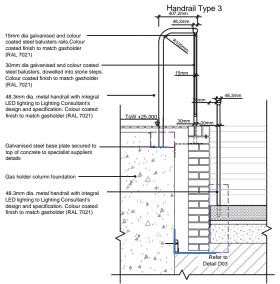
HANDRAIL TYPE 3

Handrail Type 3 48.30m 75mm 48.3mm 48.3mm

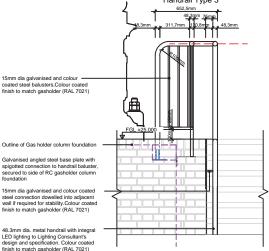
Ho3d Section through steps showing handrail Type 3

LD822 Scale 1:20





Section through steps showing handrail Type 3
Scale 1:20



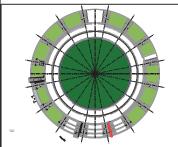
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NOTES / KEY:

, 5

D02 SECTION DETAIL OF HANDRAIL POST IN STEP Scale 1:5 @ A1

LOCATION PLAN:



REFERENCE DRAWINGS/DOCUMENTS

ALD653 LD825 Gas Holder 8 Handrail Lighting Details - LD826
ALD653_LD821 Gas Holder 8 Handrail Details

Issue for Construction, minor 25.06.2015

amendments following comments date

CLIENT:



LANDSCAPE ARCHITECT:



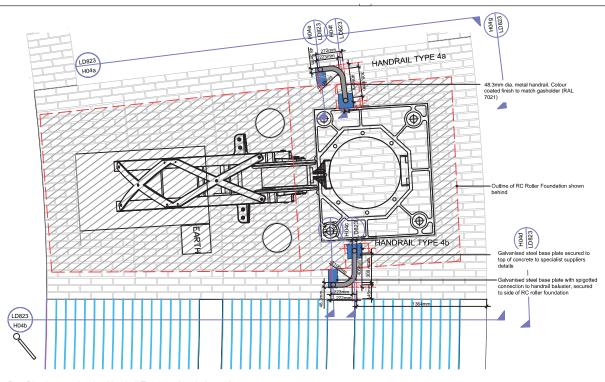
WESTERN GOODS YARD KINGS CROSS CENTRAL

DRAWING TITLE:

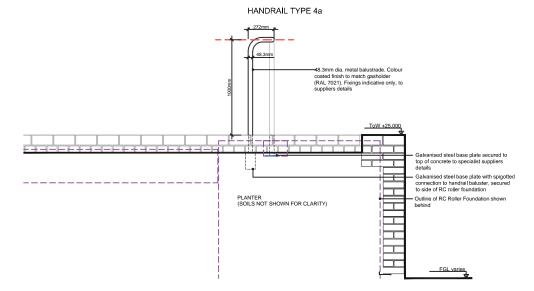
GAS HOLDER 8 HANDRAIL DETAILS HANDRAIL TYPE 3

ADJACENT TO 6NO. STEPS

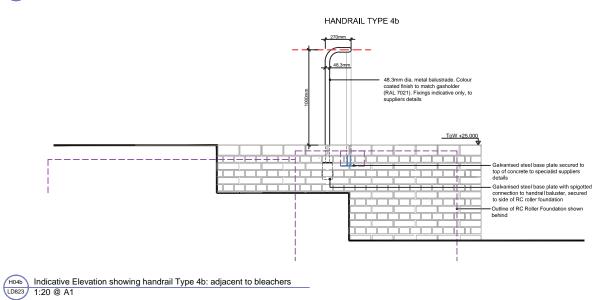
AS @ A1 CW KmJ Construction 12.06.2015 ALD653_LDbase ALD653 C02 LD822

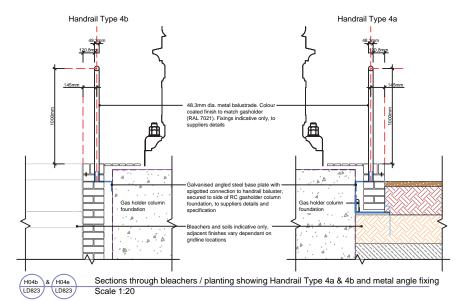


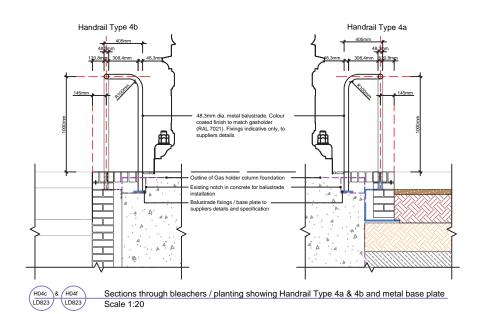
D04 Plan Layout showing Handrail Type 4 - short balustrade 1:20 @ A1

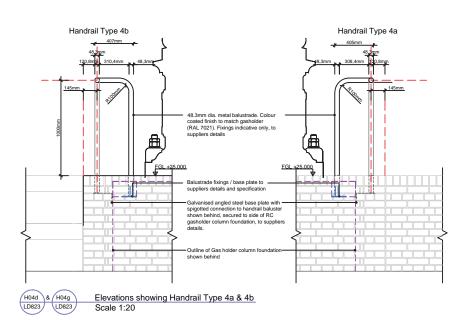


(H04a) Indicative elevation showing handrail Type 4b: adjacent to bleachers (LD823) 1:20 @ A1







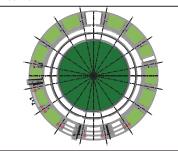


LOCATION & NUMBER OF HANDRAILS: HANDRAIL TYPE 4a 5no. total To gridlines L, K, J, I & G HANDRAIL TYPE 4b 4no. total To gridlines K, J, H & G

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NOTES / KEY:

LOCATION PLAN:



Gas Holder 8 Handrail Lighting Details

REFERENCE DRAWINGS/DOCUMENTS

ALD653_LD821 Gas Holder 8 Handrail Details

Issue for Construction, Handrail C02 25.06.2015 diameter amended C01

CLIENT:



LANDSCAPE ARCHITECT:

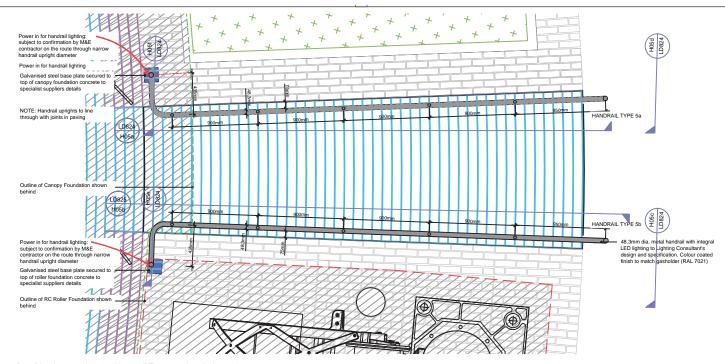
date

WESTERN GOODS YARD KINGS CROSS CENTRAL

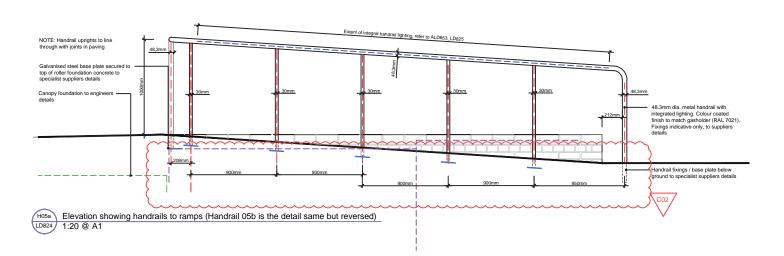
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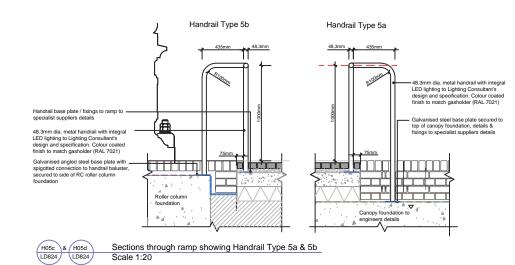
GAS HOLDER 8 HANDRAIL DETAILS HANDRAIL TYPE 4 SHORT BALUSTRADE

AS @ A1 CW KmJ Construction xref file ref: 12.06.2015 ALD653_LDbase ALD653 LD823 C02



D05 Plan Layout showing Handrail Type 4 - short balustrade 1:20 @ A1





Handrail Type 5a Handrail Type 5b secured to top of concrete upstand Galvanised angled steel base plate with spigotted connection to handrail baluster, secured to side of RC roller column foundation

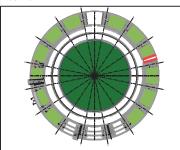
 $\begin{array}{c|c} \text{H05e} & & \text{Indicative elevations of ramp showing Handrail Type 5a \& 5b} \\ & & \text{LD824} & & \text{Scale 1:20} \end{array}$

LOCATION & NUMBER OF HANDRAILS: HANDRAIL TYPE 5a 1no. To north of ramp between gridline D & C HANDRAIL TYPE 5b

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NOTES / KEY:

LOCATION PLAN:



REFERENCE DRAWINGS/DOCUMENTS

For Construction. Upright setting out C02 25.06.2015 C01 First issue for Construction date

CLIENT:



LANDSCAPE ARCHITECT:

WESTERN GOODS YARD KINGS CROSS CENTRAL

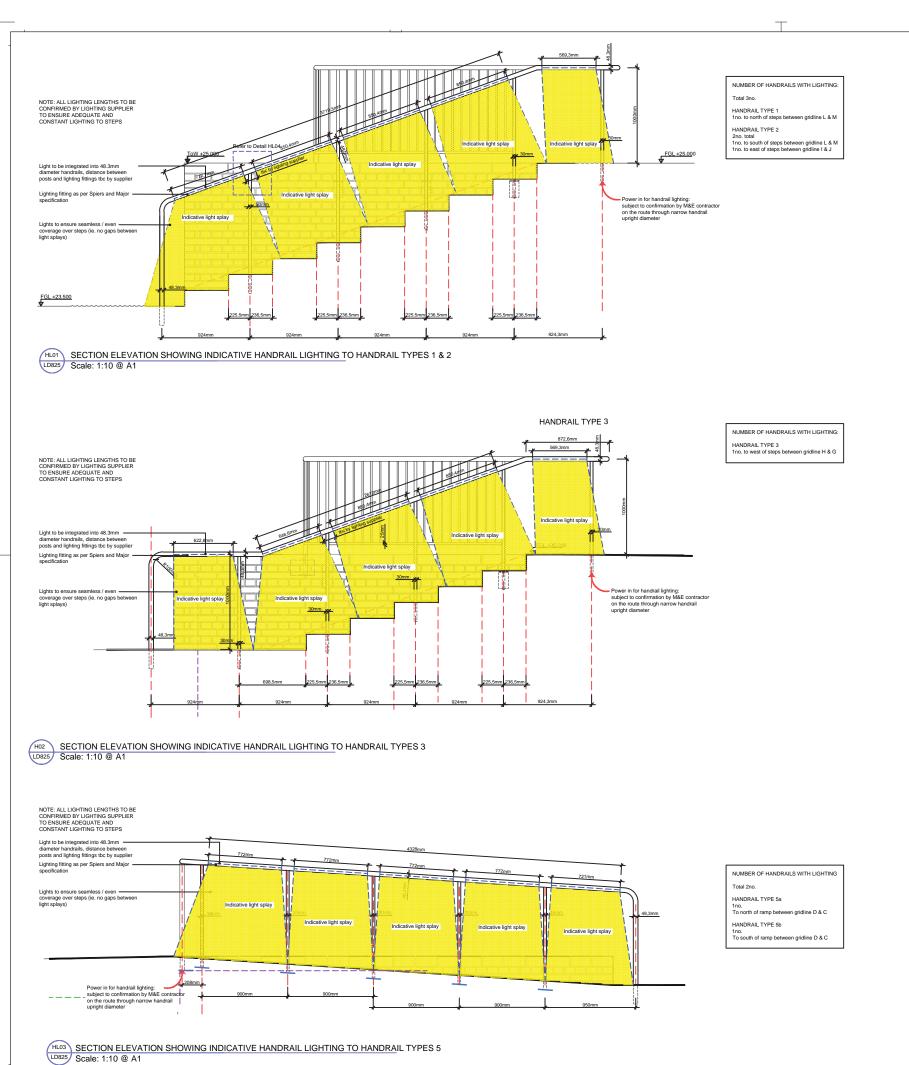
DRAWING TITLE:

GAS HOLDER 8 HANDRAIL DETAILS HANDRAIL TYPE 5

TO RAMP

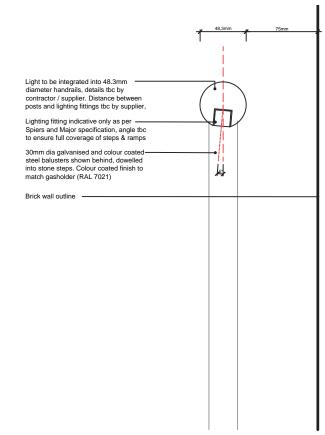
drawn:	scale:	
cw	AS @ A1	
checked:	status:	
KmJ	Construction	
date:	xref file ref:	
12.06.2015	ALD653_LDbase	
PROJECT NO.	DRAWING NUMBER:	REVISION:
ALD653	LD824	C02
1		

ORIGINAL A1 SIZE SHEET



NOTE: Angle of handrail varies dependant on location, length of light strip also varies, light splay to ensure even coverage of all steps Light to be integrated into 48.3mm diameter handrails, details toc by contractor / supplier. Distance between posts and lighting fittings toc by supplier, landrail fixings tbc by fabricator Lighting fitting indicative only as per Spiers and Major specification, angle tbc to ensure full coverage of steps & ramps 30mm dia galvanised and colour coated steel balusters shown behind, dowelled into stone steps. Colour coated finish to match gasholder (RAL 7021) Indicative light splay, lights to ensure seamless / even coverage over steps (ie. no gaps between light splays)

HL04 - Detail elevation showing handrail lighting (indicative) Scale 1:2 @ A1

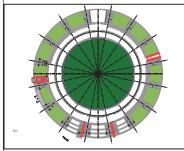


HL05 - Detail section through handrail showing light fitting (indicative) Scale 1:2 @ A1

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NOTES / KEY:

LOCATION PLAN:



REFERENCE DRAWINGS/DOCUMENTS

ALD653 LD821 Gas Holder 8 Handrail Details

First Issue for Construction 25.06.2015

CLIENT:



LANDSCAPE ARCHITECT:



date

WESTERN GOODS YARD KINGS CROSS CENTRAL

DRAWING TITLE:

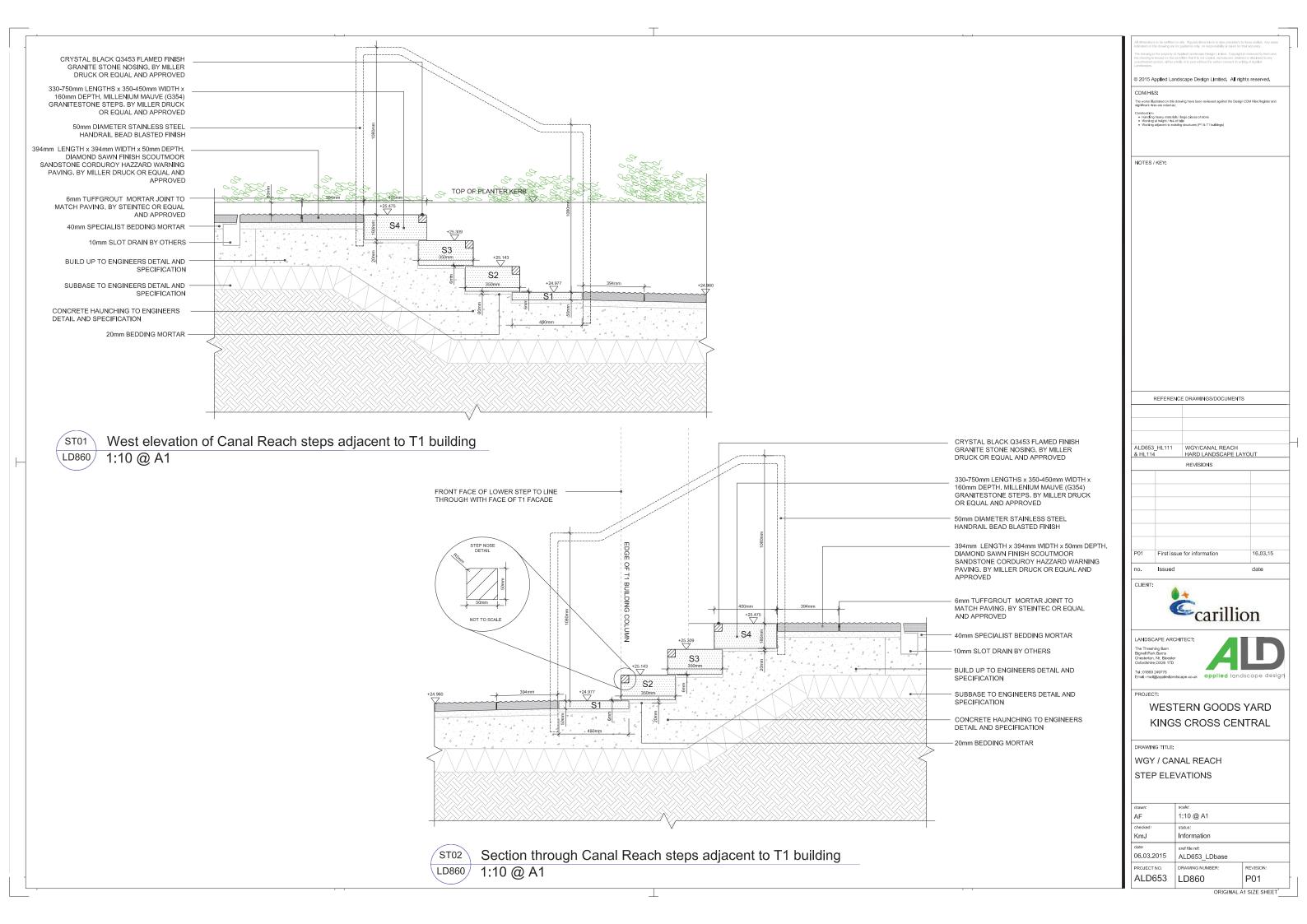
GAS HOLDER 8 HANDRAIL LIGHTING TYPICAL DETAILS

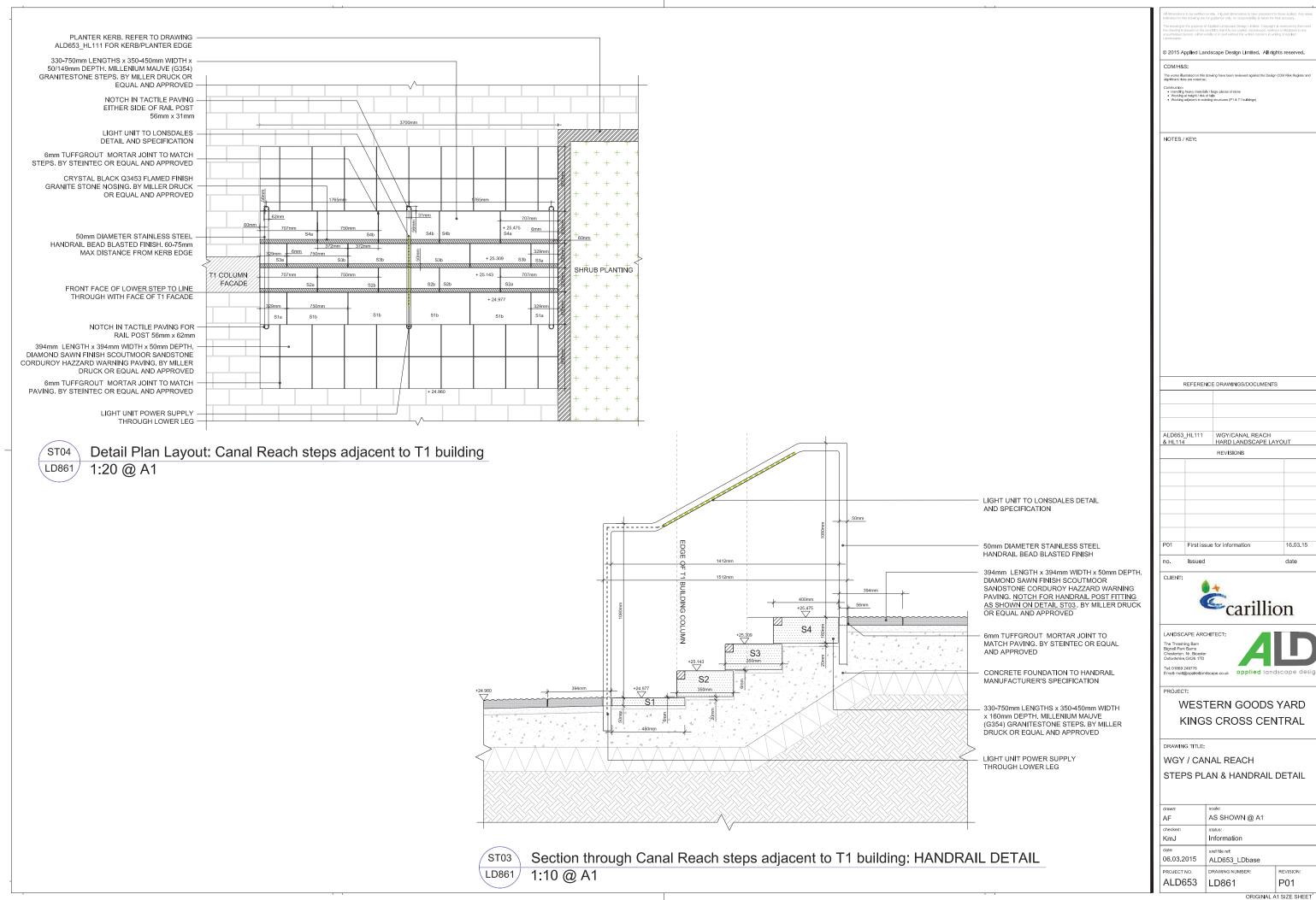
AS @ A1 CW KmJ Construction xref file ref: ALD653 LDbase ALD653 LD825 C01

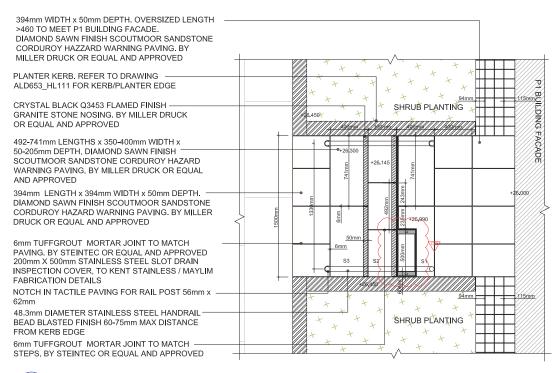
Doc Ref: ALD653_RP904 Balustrade Tracker



APPENDIX B: CANAL REACH STEP HANDRAILS



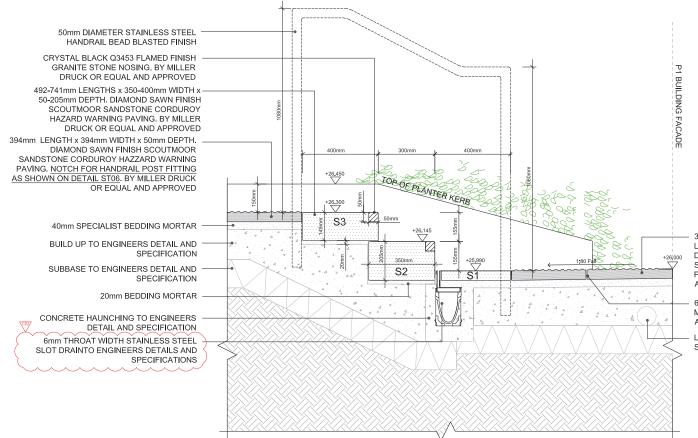




Detail Plan Layout: Canal Reach steps adjacent to P1 building facade 1:20 @ A1

6mm TUFFGROUT MORTAR JOINT TO MATCH STEPS. BY STEINTEC OR EQUAL AND APPROVED 50mm DIAMETER STAINLESS STEEL HANDRAIL BEAD BLASTED FINISH, 60-75mm MAX DISTANCE FROM KERB EDGE CRYSTAL BLACK Q3453 FLAMED FINISH GRANITE STONE NOSING. BY MILLER DRUCK OR EQUAL AND APPROVED S3 UNITS. 741mm LENGTH x 400mm WIDE x 149mm DEPTH. DIAMOND SAWN FINISH SCOUTMOOR SANDSTONE. BY MILLER DRUCK OR EQUAL AND APPROVED S2 UNITS. 492mm LENGTH x 350mm WIDE x 205mm DEPTH, DIAMOND SAWN FINISH SCOUTMOOR SANDSTONE. BY MILLER DRUCK OR EQUAL AND APPROVED S3 +26.145 S1 UNITS. 741mm LENGTH x 400mm WIDE x 50mm DEPTH, DIAMOND SAWN FINISH S2 SCOUTMOOR SANDSTONE. BY MILLER DRUCK OR EQUAL AND APPROVED 40mm SPECIALIST BEDDING MORTAR CONCRETE HAUNCHING TO ENGINEERS DETAIL AND SPECIFICATION BUILD UP TO ENGINEERS DETAIL AND SPECIFICATION 150mm PLANTER KERB. REFER TO DRAWING

East Elevation of Canal Reach steps adjacent to P1 building facade 1:10 @ A1



394mm WIDTH x 50mm DEPTH. OVERSIZED LENGTH >460 TO MEET P1 BUILDING FACADE. DIAMOND SAWN FINISH SCOUTMOOR SANDSTONE CORDUROY HAZZARD WARNING PAVING. BY MILLER DRUCK OR EQUAL AND APPROVED

6mm TUFFGROUT MORTAR JOINT TO MATCH PAVING. BY STEINTEC OR EQUAL AND APPROVED

ALD653 HL111 FOR KERB/PLANTER EDGE

LAND DRAIN TO ENGINEERS DETAIL AND SPECIFICATION

Section through Canal Reach steps adjacent to P1 building facade 1:10 @ A1

WGY / CANAL REACH P1 STEPS PLAN & ELEVATION DETAIL

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REFERENCE DRAWINGS/DOCUMENTS

REVISIONS

Addition of slot drain inspection cover, issue for construction

Amended following TLA comments First issue for construction

carillion

WESTERN GOODS YARD

KINGS CROSS CENTRAL

First Issue for Information

issued

ANDSCAPE ARCHITECT

HARD LANDSCAPE LAYOUT

28.05.15

16 03 15

date

ALD653_HL111 WGY/CANAL REACH

C02

C01

P01

CLIENT:

PROJECT:

DRAWING TITLE:

NOTES / KEY:

ORIGINAL A1 SIZE SHEET