

OTH-PUR-TH-ZZ-SCH-A-5236

HANDRAILS AND GUARDINGS SCHEDULE

Revision: 10

Issue Date: 17/04/2025

Status: For Construction

Drawn: AB

Checked: AD



GENERAL NOTES:

1. This schedule is for construction purposes and shall be read in conjunction with all other relevant drawings and documents.
2. Information is based on Revit model:-
OTH-PUR-ZZ-ZZ-M3D-A-0009D
3. All dimensions are indicative only as they are based on the surveyed model supplied to Purcell and will require verification on site prior to construction.
4. All proprietary products to be used strictly in accordance with the manufacturer's specification and details.
5. Please refer to drawing series OTH-PUR-TH-LG-DWG-A-5152 to 5160 for Handrails ID Plans containing all tags associated with this schedule.
6. Please refer to drawings OTH-PUR-EX-ZZ-DWG-A-5740, 5748, 4142, 4144 and 4159 and 5627 for details of new handrails, guardings and upstands in all entrances.
7. Please refer to Very High Sgnificance drawings OTH-PUR-TH-03-DWG-A-9476 to 9478 and OTH-PUR-TH-ZZ-DWG-A-5688 for Lord Mayor's Staircase (S05) upgrades and new staircase using existing salvaged units (S017) details.
8. Please refer to Very High Significance drawings OTH-PUR-TH-GF-DWG-A-5351, 5352 and 5757 for Albert Square Entrance Platform Lift upstands.
9. Please refer to OTH-PUR-TH-01-DWG-A-8303 for Great Hall Stage handrails.
10. Please refer to OTH-PUR-TH-ZZ-DWG-A-5140 to 5147 Core Sections.
11. All drawings to be read in conjunction with the relevant NBS specifications:
L30 - OTH-PUR-TH-ZZ-SPE-A-5912
12. Please refer to OTH-PUR-TH-ZZ-DWG-A-5149 to 5151 for details.
13. Please refer to the Fit Out and Decorations Schedule OTH-PUR-TH-ZZ-SCH-A-5804.
14. Please refer to OTH-PUR-TH-ZZ-SPE-A-5901 for repairs to existing fabric.

Revisions to document highlighted in yellow

HANDRAIL TYPE:

- TYPE 1 - Single decorative, connected to guarding - Detail 01 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 2- Single decorative, connected to wall - Detail 02 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 3a - Single decorative, connected above guarding - Detail 04 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 3b - Single decorative, on balusters (central staircase upgrade) - Detail 05 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 4 - Single non decorative, connected above guarding (Access and Maintenance spaces)- Detail 06 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 5 - Single non decorative, connected to wall (Access and Maintenance spaces)- Detail 07 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 6 - Single decorative, connected to existing handrail - Detail 08 OTH-PUR-TH-ZZ-DWG-A-5150
- TYPE 7 - Lord Mayor's Staircase: VHS adapted. Please note total length includes existing portions of handrail. - Refer to OTH-PUR-TH-03-DWG-A-9476 to 9478
and OTH-PUR-TH-ZZ-DWG-A-5688
- TYPE 8 - Lord Mayor's Staircase: VHS replica - Refer to OTH-PUR-TH-03-DWG-A-9476 to 9478 and OTH-PUR-TH-ZZ-DWG-A-5151
- TYPE 9 - Entrance: Central double decorative handrail - Refer to OTH-PUR-EX-ZZ-DWG-A-5740, 5748, 4142, 4144 and 4159 and 5627
- TYPE 10 - Entrance: Single decorative handrail on balusters - Refer to OTH-PUR-EX-ZZ-DWG-A-5740, 5748, 4142, 4144 and 4159 and 5627
- ~~TYPE 11 - Entrance: Single decorative handrail on balusters and guarding - Refer to OTH-PUR-EX-ZZ-DWG-A-5740, 5748, 4142, 4144 and 4159.~~
- TYPE 12 - Great Hall Stage: Single decorative handrail on balusters and guarding. Refer to OTH-PUR-TH-01-DWG-A-8303
- TYPE 13 - Lord Mayor's Staircase: VHS adapt from other altered staircases and reuse - Refer to OTH-PUR-TH-ZZ-DWG-A-5688
- TYPE 14 - Lloyd Street Lower Ground Underpass. Neaco Spectrum R2R Handrail . Refer to drawing OTH-PUR-TH-ZZ-DWG-A-5148

GUARDING TYPE:

- TYPE 1 - Flat - Refer to flat portion in Detail 05 OTH-PUR-TH-ZZ-DWG-A-5149
- TYPE 3 - Angle & Flat - Detail 01 & 02 OTH-PUR-TH-ZZ-DWG-A-5149
- ~~TYPE 4 - Entrance: Guarding/upstand. Refer to OTH-PUR-EX-ZZ-DWG-A-5740, 5748, 4142, 4144 and 4159.~~
- TYPE 5 - Albert Sq. Lift: Upstand. Refer to OTH-PUR-TH-GF-DWG-A-5351-5352 & OTH-PUR-TH-ZZ-DWG-5343 & 5344
- TYPE 6 - Conference Room Mezzanine: Additional guarding. Detail 06 OTH-PUR-TH-ZZ-DWG-A-5151.

	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
LLOYD STREET STAIRCASE - S10												
S10-FLIGHT-OUTER-001	TYPE 2	2875	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-002	TYPE 1	2875	300	End	300	Connection	TYPE 3	2875	300	End	300	Connection
S10-HFLANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-HFLANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-005	TYPE 2	1950	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-006	TYPE 1	1950	340	Connection	340	Connection	TYPE 3	2550	340	Connection	340	Connection
S10-HFLANDING-OUTER-007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-HFLANDING-INNER-008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-009	TYPE 1	2225	300	End	300	Connection	TYPE 3	2225	300	End	300	Connection
ADDITIONAL GUARDING TO LANDING EDGE (CONTINUATION OF S10-FLIGHT-OUTER-009)	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1820	n/a	Connection	n/a	End



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
ADDITIONAL GUARDING TO LANDING EDGE (CONTINUATION OF S10-FLIGHT-OUTER-009)	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1380	n/a	End	n/a	End
S10-FLIGHT-INNER-010	TYPE 1	2375	300	Connection	450	Connection	TYPE 3	2375	300	Connection	450	Connection
S10-HFLANDING-OUTER-011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-HFLANDING-INNER-012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-013	TYPE 2	1260	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-014	TYPE 1	1260	300	Connection	300	End	TYPE 3	2500	400	Connection	1500	Connection
S10-LANDING-OUTER-015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-LANDING-INNER-016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-017	TYPE 1	930	300	End	300	End	TYPE 3	930	300	End	300	End
S10-FLIGHT-INNER-018	TYPE 1	940	300	End	310	Connection	TYPE 3	940	300	Connection	310	Connection
S10-HFLANDING-OUTER-019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-HFLANDING-INNER-020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-021	TYPE 1	4520	300	End	300	Connection	TYPE 3	5720	1500	Connection	300	Connection
S10-FLIGHT-INNER-022	TYPE 1	4520	300	Connection	300	End	TYPE 3	5720	300	Connection	300	Connection
S10-LANDING-OUTER-023	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	2500	0	Connection	0	End
S10-LANDING-INNER-024	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	2100	0	Connection	0	End
S10-FLIGHT-OUTER-025	TYPE 2	2560	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-026	TYPE 1	2660	300	Connection	400	Connection	TYPE 3	2660	300	Connection	400	Connection
S10-LANDING-OUTER-027	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-LANDING-INNER-028	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-OUTER-029	TYPE 2	2280	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-030	TYPE 1	2280	300	Connection	300	End	TYPE 3	2280	300	Connection	300	End
S10-FLIGHT-OUTER-031	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S10-FLIGHT-INNER-032	TYPE 1	2200	300	Connection	300	End	TYPE 3	2200	n/a	Connection	n/a	End
LLOYD STREET STAIRCASE - S20												
S20-FLIGHT-OUTER-001	TYPE 1	3100	300	End	300	End	TYPE 3	4350	300	End	1550	End
S20-FLIGHT-INNER-002	TYPE 1	3100	300	End	300	Connection	TYPE 3	3100	300	End	300	End
S20-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-FLIGHT-OUTER-005	TYPE 2	800	250	End	250	End	n/a	n/a	n/a	n/a	n/a	n/a
S20-FLIGHT-INNER-006	TYPE 1	800	250	Connection	250	End	TYPE 3	800	250	Connection	250	End
S20-LANDING-OUTER-007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-LANDING-INNER-008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-FLIGHT-OUTER-009	TYPE 2	1950	250	End	250	End	n/a	n/a	n/a	n/a	n/a	n/a
S20-FLIGHT-INNER-0010	TYPE 1	1950	250	End	250	Connection	TYPE 3	1950	250	End	250	Connection
S20-LANDING-OUTER-011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-LANDING-INNER-012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-FLIGHT-OUTER-013	TYPE 1	4350	250	End	250	End	TYPE 3	5600	1500	End	250	End
S20-FLIGHT-INNER-014	TYPE 1	4350	250	Connection	250	End	TYPE 3	4350	250	Connection	250	Connection

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S20-LANDING-OUTER-015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S20-LANDING-INNER-016	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	2700	0	Connection	0	End
LLOYD STREET STAIRCASE - GF-S11												
GFS11-FLIGHT-OUTER-001	TYPE 2	1230	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFS11-FLIGHT-INNER-002	TYPE 1	1230	300	End	300	End	TYPE 3	1230	300	End	300	Connection
GFS11-LANDING-INNER-003	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1750	0	Connection	0	End
LLOYD STREET STEPS - GF-C01b												
GFC01b-FLIGHT-OUTER-001	TYPE 2	1230	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01b-FLIGHT-INNER-002	TYPE 1	1230	300	End	300	End	TYPE 3	1230	300	End	300	End
LLOYD STREET RAMP - GF-C01b												
GFC01b-RAMP-OUTER-001	TYPE 2	2610	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01b-RAMP-INNER-002	TYPE 1	2610	300	End	300	Connection	TYPE 3	2610	300	End	300	Connection
GFC01b-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
GFC01b-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
GFC01b-RAMP-OUTER-005	TYPE 2	5110	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01b-RAMP-INNER-006	TYPE 1	5110	300	Connection	300	End	TYPE 3	5110	300	Connection	300	End
LLOYD STREET RAMP - GF-C04d												
GFC04d-RAMP-OUTER-001	TYPE 4	1150	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC04d-RAMP-INNER-002	TYPE 4	1150	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GOODS LIFT STAIRCASE - GF-C04a												
GFC04a-FLIGHT-OUTER-001	TYPE 3a	3120	300	End	300	End	TYPE 3	3120	300	End	300	End
GFC04a-FLIGHT-INNER-002	TYPE 2	3120	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GOODS LIFT STAIRCASE - 01-C04a												
01C04a-FLIGHT-OUTER-001	TYPE 2	1235	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
01C04a-FLIGHT-INNER-002	TYPE 2	1235	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
LG PLANT ROOM STEPS												
LG015-FLIGHT-OUTER-001	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LG015-FLIGHT-INNER-002	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LGC02c-FLIGHT-OUTER-001	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LGC02c-FLIGHT-INNER-002	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LG20-FLIGHT-OUTER-001	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LG20-FLIGHT-INNER-002	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LG19-FLIGHT-OUTER-001	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a
LG19-FLIGHT-INNER-002	TYPE 4	580	0	End	0	End	n/a	n/a	n/a	n/a	n/a	n/a



HANDRAIL							GUARDING					
HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE		GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
COOPER STREET STAIRCASE - S08												
S08-FLIGHT-OUTER-001	TYPE 2	2230	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-002	TYPE 2	2230	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-005	TYPE 2	3500	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-006	TYPE 2	4000	800	Wrap End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-009	TYPE 1	3810	300	End	300	End	TYPE 3	6210	1500	End	1500	End
S08-FLIGHT-INNER-010	TYPE 2	3810	300	Connection	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-013	TYPE 2	3500	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-014	TYPE 2	4000	300	Connection	800	Wrap End	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-017	TYPE 2	3500	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-018	TYPE 2	4000	800	Wrap End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-021	TYPE 1	3810	300	End	300	End	TYPE 3	6210	1500	End	1500	End
S08-FLIGHT-INNER-022	TYPE 2	3810	300	Connection	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-025	TYPE 2	3500	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-026	TYPE 2	4000	300	Connection	800	Wrap End	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-027	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-028	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-029	TYPE 2	3170	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-030	TYPE 2	3170	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-031	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-032	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-033	TYPE 1	3810	300	End	300	End	TYPE 3	6210	1500	End	1500	End
S08-FLIGHT-INNER-034	TYPE 2	3810	300	Connection	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-035	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-036	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-037	TYPE 2	3170	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-038	TYPE 2	3170	300	Connection	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-039	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
S08-LANDING-INNER-040	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-041	TYPE 2	3170	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-042	TYPE 2	3170	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-043	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-044	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-045	TYPE 1	3810	300	End	300	End	TYPE 3	6210	1500	End	1500	End
S08-FLIGHT-INNER-046	TYPE 2	3810	300	Connection	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-047	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-048	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-OUTER-049	TYPE 2	2850	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-FLIGHT-INNER-050	TYPE 2	2850	300	Connection	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-OUTER-051	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S08-LANDING-INNER-052	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PRINCESS STREET STAIRCASE - S05												
S05-FLIGHT-OUTER-001	TYPE 3a	4815	300	End	300	End	TYPE 3	5915	300	End	1400	End
S05-FLIGHT-INNER-002	TYPE 3a	4815	300	End	300	Connection	TYPE 3	4815	300	End	300	Connection
S05-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S05-LANDING-INNER-004	TYPE 3a	525	0	Connection	0	Connection	TYPE 3	525	0	Connection	0	Connection
S05-FLIGHT-OUTER-005	TYPE 3a	930	300	End	300	End	TYPE 3	2030	1400	End	300	End
S05-FLIGHT-INNER-006	TYPE 3a	930	300	Connection	300	End	TYPE 3	930	300	Connection	300	End
S05-FLIGHT-OUTER-007	TYPE 7	5465	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-008	TYPE 8	5465	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-OUTER-009	TYPE 7	5465	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-010	TYPE 8	5465	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-OUTER-011	TYPE 7	5750	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-012	TYPE 8	5750	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-OUTER-013	TYPE 7	4180	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-014	TYPE 8	4180	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-OUTER-015	TYPE 7	5890	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-016	TYPE 8	5890	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-OUTER-017	TYPE 7	5100	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S05-FLIGHT-INNER-018	TYPE 8	5100	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
PRINCESS STREET STAIRCASE - S17												
S17-FLIGHT-OUTER-001	TYPE 8	3865	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S17-FLIGHT-INNER-002	TYPE 13	3865	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
S17-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1100	0	End	0	End
S17-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PRINCESS STREET STAIRCASE - S18												



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
S18-FLIGHT-OUTER-001	TYPE 3a	3235	300	End	300	End	TYPE 3	3235	300	End	300	Connection
S18-FLIGHT-INNER-002	TYPE 3a	3235	300	End	300	Connection	TYPE 3	3235	300	End	300	Connection
06C02j-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06C02j-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	3600	0	End	0	Connection
06C02a-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06C02a-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1290	0	Connection	0	End
PRINCESS STREET STAIRCASE - S16												
S16-FLIGHT-OUTER-001	TYPE 2	3870	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-002	TYPE 3a	3870	300	End	300	Connection	TYPE 3	3870	300	End	300	Connection
S16-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-005	TYPE 2	2360	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-006	TYPE 3a	2360	300	Connection	300	Connection	TYPE 3	2360	300	Connection	300	Connection
S16-LANDING-OUTER-007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-008	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-009	TYPE 2	2970	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-010	TYPE 3a	2970	300	Connection	300	Connection	TYPE 3		300	Connection	300	Connection
S16-LANDING-OUTER-011	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1 GUARDING OMITTED					
S16-LANDING-INNER-012	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-013	TYPE 2	2990	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-014	TYPE 3a	2990	300	Connection	300	Connection	TYPE 3		300	Connection	300	Connection
S16-LANDING-OUTER-015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-016	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-017	TYPE 2	3025	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-018	TYPE 3a	3025	300	Connection	300	Connection	TYPE 3	3025	300	End	300	Connection
S16-LANDING-OUTER-019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-020	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-021	TYPE 2	2970	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-022	TYPE 3a	2970	300	Connection	300	Connection	TYPE 3	2970	300	End	300	Connection
S16-LANDING-OUTER-023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-024	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	135	0	Connection	0	Connection
S16-FLIGHT-OUTER-025	TYPE 2	3025	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S16-FLIGHT-INNER-026	TYPE 3a	3025	300	Connection	300	Connection	TYPE 3	3025	300	End	300	Connection
S16-LANDING-OUTER-027	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S16-LANDING-INNER-028	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 1	1215	0	Connection	0	End
L07 PLANT ROOM STEPS												
07009-FLIGHT-OUTER-001	TYPE 4	2770	300	End	1140	End	n/a	n/a	n/a	n/a	n/a	n/a
07009-FLIGHT-INNER-002	TYPE 4	2130	300	End	500	End	n/a	n/a	n/a	n/a	n/a	n/a
07006-RAMP-OUTER-003	TYPE 4	3155	300	End	0	Connection	n/a	n/a	n/a	n/a	n/a	n/a



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
07006-RAMP-INNER-004	TYPE 4	3155	300	End	0	Connection	n/a	n/a	n/a	n/a	n/a	n/a
07006-LANDING-OUTER-005	TYPE 4	1500	0	Connection	0	End	n/a	n/a	n/a	n/a	n/a	n/a
07006-LANDING-INNER-006a	TYPE 4	550	0	Connection	0	Connection	n/a	n/a	n/a	n/a	n/a	n/a
07006-LANDING-INNER-006b	TYPE 4	1500	0	Connection	0	End	n/a	n/a	n/a	n/a	n/a	n/a
07001-FLIGHT-OUTER-007	TYPE 4	2580	300	End	1600	End	n/a	n/a	n/a	n/a	n/a	n/a
07001-FLIGHT-INNER-008	TYPE 4	2180	300	End	1200	End	n/a	n/a	n/a	n/a	n/a	n/a
07001-FLIGHT-OUTER-009	TYPE 4	2080	300	End	1100	End	n/a	n/a	n/a	n/a	n/a	n/a
07001-FLIGHT-INNER-010	TYPE 4	2180	300	End	1200	End	n/a	n/a	n/a	n/a	n/a	n/a
L04 REGISTRAR ARCHIVE												
04006-RAMP-OUTER-001	TYPE 5	3860	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
04006-RAMP-INNER-002	TYPE 4	3860	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
04006-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
04006-LANDING-INNER-004a	TYPE 4	785	0	Connection	0	Connection	n/a	n/a	n/a	n/a	n/a	n/a
04006-LANDING-INNER-004b	TYPE 4	625	0	Connection	0	Connection	n/a	n/a	n/a	n/a	n/a	n/a
04006-FLIGHT-OUTER-001	TYPE 4	1075	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
04006-FLIGHT-INNER-002	TYPE 4	1075	300	End	300	Connection	n/a	n/a	n/a	n/a	n/a	n/a
CENTRAL BLOCK STAIRCASE - S14												
S14-FLIGHT-OUTER-001	TYPE 3b	8900	0	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S14-FLIGHT-INNER-002	TYPE 3b	8900	0	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
UPGRADED CENTRAL BLOCK STAIRCASE - S06												
S06-FLIGHT-OUTER-001	TYPE 3b	3325	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S06-FLIGHT-INNER-002	TYPE 6	3255	300	End	230	Connection	Mesh Panels	Refer to OTH-PUR-TH-ZZ-DWG-A-5150 for details				
S06-LANDING-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S06-LANDING-INNER-004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S06-FLIGHT-OUTER-005	TYPE 3b	3230	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S06-FLIGHT-INNER-006	TYPE 6	2860	0	Connection	230	Connection	Mesh Panels	Refer to OTH-PUR-TH-ZZ-DWG-A-5150 for details				
S06-LANDING-OUTER-007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S06-LANDING-INNER-008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
S06-FLIGHT-OUTER-009	TYPE 3b	5115	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
S06-FLIGHT-INNER-010	TYPE 6	4815	0	Connection	300	End	Mesh Panels	Refer to OTH-PUR-TH-ZZ-DWG-A-5150 for details				
COOPER ST ENTRANCE- GF-C03a												
GFC03a-FLIGHT-OUTER-001	TYPE 10	3835	400	End	1215	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC03a-FLIGHT-INNER-002	TYPE 10	2925	400	End	305	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC03a-FLIGHT-OUTER-003	TYPE 10	3835	400	End	1215	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC03a-FLIGHT-INNER-004	TYPE 10	2925	400	End	305	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC03a-LANDING-OUTER-005	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
GFC03a-LANDING-INNER-006a	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 4	875	0	End	0	End
GFC03a-LANDING-INNER-006b	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 4	875	0	End	0	End
ALBERT SQ ENTRANCE- GF-C01g												
GFC01g-UPSTAND-OUTER-001	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 4	725	0	End	0	End
GFC01g-UPSTAND-OUTER-002	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 4	725	0	End	0	End
GFC01g-FLIGHT-OUTER-003	TYPE 10	4000	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01g-FLIGHT-INNER-004	TYPE 9	3590	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01g-FLIGHT-OUTER-005	TYPE 10	4000	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
L02-UPSTAND-OUTER-001	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 5	2300	0	Connection	0	Connection
L02-UPSTAND-OUTER-002	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 5	2250	0	Connection	0	Connection
L02-UPSTAND-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 5	2300	0	Connection	0	Connection
L02-UPSTAND-OUTER-004	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 5	2250	0	Connection	0	Connection
PRINCESS ST ENTRANCE- GF-C02a												
GFC02a-FLIGHT-INNER-001	TYPE 9	4870	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01j-FLIGHT-OUTER-001	TYPE 10	4115	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GFC01j-FLIGHT-INNER-002	TYPE 10	4115	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
GREAT HALL STAGE- 01-033a												
01033a-FLIGHT-OUTER-001	TYPE 12	2555	300	End	300	End	Included in handrail provision					
01033a-FLIGHT-INNER-002	TYPE 12	2555	300	End	300	End	Included in handrail provision					
01033a-FLIGHT-OUTER-003	TYPE 12	2555	300	End	300	End	Included in handrail provision					
01033a-FLIGHT-INNER-004	TYPE 12	2555	300	End	300	End	Included in handrail provision					
01033a-FLIGHT-OUTER-005	TYPE 12	2555	300	End	300	End	Included in handrail provision					
01033a-FLIGHT-INNER-006	TYPE 12	2555	300	End	300	End	Included in handrail provision					
CONFERENCE HALL GALLERY- 01M-001												
01M001-MEZZANINE-OUTER-001	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 6	380	0	End	0	Connection
01M001-MEZZANINE-OUTER-002	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 6	9040	0	Connection	0	Connection
01M001-MEZZANINE-OUTER-003	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 6	740	0	Connection	0	Connection
01M001-MEZZANINE-OUTER-004	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 6	7760	0	Connection	0	Connection
01M001-MEZZANINE-OUTER-005	n/a	n/a	n/a	n/a	n/a	n/a	TYPE 6	710	0	Connection	0	End
LLOYD STREET LINK BRIDGE - 02-C04g												
02C04g-RAMP-OUTER-001	TYPE 5	8810	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
02C04g-RAMP-INNER-002	TYPE 5	8810	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
LLOYD STREET LINK BRIDGE - 02-C04b												
02C04b-RAMP-OUTER-001	TYPE 5	10075	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
02C04b-RAMP-INNER-002	TYPE 5	10075	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a



	HANDRAIL						GUARDING					
	HANDRAIL TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGT H (mm)	END/ CONNECTION TYPE	GUARDING TYPE	TOTAL LENGTH (mm)	FLAT START LENGTH (mm)	START/ CONNECTION TYPE	FLAT END LENGTH (mm)	END/ CONNECTION TYPE
Lloyd Street Core Ramp Underpass												
LG-C01e - LLOYD ST. 001	Type 14	3275	300	n/a	300		n/a	n/a	n/a	n/a	n/a	n/a
LG-C01e - LLOYD ST. 002	Type 14	6850	300	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
LG-C01e - LLOYD ST. 003	Type 14	1070	n/a	n/a	1000		n/a	n/a	n/a	n/a	n/a	n/a
LG-C01e - LLOYD ST. 004	Type 14	7350	n/a	n/a	1000		n/a	n/a	n/a	n/a	n/a	n/a
LG-C01e - LLOYD ST. 005	Type 14	5300	300	n/a	300		n/a	n/a	n/a	n/a	n/a	n/a
LG-C01e - LLOYD ST. 006	Type 14	5300	300	n/a	300		n/a	n/a	n/a	n/a	n/a	n/a
CORONERS COURT RAMP												
03CO1a - RAMP- OUTER- 001	TYPE 4	2250	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a
03CO1a - RAMP- INNER- 002	TYPE 4	2250	300	End	300	End	n/a	n/a	n/a	n/a	n/a	n/a