



ETIHAD CAMPUS **LANDSCAPE MATERIAL SCHEDULE**

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NSE-POP-ZZ-ZZ-LS-L-008006

07/03/2025

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MCFC NORTH EXPANSION

NSE-POP-ZZ-ZZ-LS-L-008006

Landscape Material Schedule

Revision - C02

Authorisation and Issue History

Rev	Prepared By	Approved By	Date	Issue Status
P00	SA	TJ	26.05.23	Issued for Stage 4
P01	SA	TJ	14.07.23	Issued for Stage 4
P02	SA	TJ	24.07.23	Discipline changed from "A" to "L"
P03	SA	TJ	02.02.24	Issued for Stage 4 Update
C01	SA	TJ	01.05.24	Issued for Construction
C02	SA	TJ	07.03.25	Issued for Construction - Access Road Update

Revision Notes:

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MCFC-NORTH EXPANSION
LANDSCAPE MATERIAL SCHEDULE
NSE-POP-ZZ-ZZ-LS-A-008006 C02
07/03/2025

Code	Name	Size (mm)	Thickness (mm)	Material	Colour	Finish	Joint (mm)	Product	Manufacturer / Notes	Comments
PAVING										
EXT-101	Concrete block paving - type1 (Non Permeable)	200x200, 200x300, 300x300	80	Concrete	Dark Grey Fleck	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-105	Concrete block paving - type2 (Non Permeable)	200x200, 200x300, 300x300	80	Concrete	Silver Fleck	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-109	Concrete block paving - type3 (Permeable)	200x200, 200x300, 300x300	80	Concrete	Dark Grey Fleck	Textured	12	Stonefleck	Aggregate Industries	Spacer Nibs of the paving block no less than 5mm Lay on 40mm steintec permable bedding 12mm joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar Steintec tuffflow permeable jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-121	Plaza Paving - Type 1	200x200, 200x300, 300x300	80	Concrete	Anthracite Charcoal	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-125	Plaza Paving - Type 2	200x200, 200x300, 300x300	80	Concrete	Dark Grey Fleck	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-129	Plaza Paving - Type 3	200x200, 200x300, 300x300	80	Concrete	Light Grey Fleck	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-133	Plaza Paving - Type 4	200x200, 200x300, 300x300	80	Concrete	Silver Fleck	Textured	6	Stonefleck	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
EXT-151	Artificial Turf		36		Green			Wonder Yarn 36	Lazyawn	laid on 25mm shock pad as per detailed drawing
EXT-141	Tarmac Surfacing - Type1			Tarmac	Black			Ulticolor	Tarmac	
EXT-145	Tarmac Surfacing - Type2 (Permeable)			Tarmac	Black			Ulticolor	Tarmac	
EXT-131	Precast concrete tactile slab paving	400x400	50	Concrete	Buff		6	British Standard Tactile- Blister	Aggregate Industries	Lay on 40mm steintec mortar,6mm recessed joint Steintec tuffbed 2-pack permeable Type 35 bedding mortar with Steintec tuffbond priming mortar. Steintec tufftop non-permeable Type 35 jointing mortar All paving to be pre-sealed prior to the installation by manufacturer No paving to be cut beyond 1/3 of the paving size
KERBS & EDGING										
EXT-201	Precast concrete kerbs - flush	915x145x150		Concrete	Black Fleck	Textured		Eco Countryside Kerb	Aggregate Industries	
EXT-205	Precast concrete kerbs - drop	915x145x255		Concrete	Black Fleck	Textured		Eco Countryside Kerb	Aggregate Industries	
EXT-209	Precast concrete kerbs - raised	915x145x255		Concrete	Black Fleck	Textured		Eco Countryside Kerb	Aggregate Industries	
EXT-212	Precast concrete kerbs - traffic management			Concrete				Titan 1000 Kerb	Marshalls	
EXT-221	Metal Edgings	120mm Height		Aluminium				AluExcel	Kinley	Metal edging to be installed 100% flush with adjacent paving.
EXT-313	Metal Planter	Bespoke 400 mm Height 6mm thick		Steel	RAL 7016	PPC		Hi-Grade	Kinley	
FURNITURE										
EXT-321	Shrub Planters - Type1	1800x900x900		Steel	RAL 7016	PPC		Shrubtubs	Streitlife	
EXT-322	Shrub Planters - Type2	1200x450x900		Steel	RAL 7016	PPC		Shrubtubs	Streitlife	
EXT-307	Removable bench - Type2	2050x600		Steel and FSC® Hardwood Slats, weatherproof treated	Brown			Solid Skirt Block Bench	Streitlife	FSC Hardwood backrest and 316L stainless steel armrest are included, Bench to be fixed into the Tarmac surface with Stainless steel fixing bolt and socket. Exposed bolt fixing onto the paving with bolt cover
EXT-303	Fixed bench - Type 1	2050x600		Steel and FSC® Hardwood Slats, weatherproof treated				Solid Skirt Block Bench	Streitlife	FSC Hardwood backrest and 316L stainless steel armrest are included.Bench to be fixed into the Tarmac surface with Stainless steel fixing bolt and socket
EXT-309	Picnic Bench	Reuse existing on City Campus		Powder Coated Steel and Hardwood	Brown					
EXT-306	Litter Bin	To match existing on City Campus								Match existing City Campus Bin
EXT-327	Tree Grilles	1800x1800		316L Stainless Steel	Recessed cover			WATERFORD RECESSED TREE PIT	Kent Stainless	Paving over the full tree grille
EXT-341	External floor boxes	as per drawing		316L Stainless Steel	Recessed cover			CAMPETTO VI	GIFAS electric	Floorbox with recessed cover, power, data and water. Recessed cover, 32 AMP, 3 phase socket, material to match and align with adjacent paving
EXT-811	Manhole Cover - type1	as per drawing		316L Stainless Steel	Recessed cover			Solo Paver	Kent Stainless	Recessed Manhole Cover for concrete block paving and tarmac area. D400 loading
EXT-812	Manhole Cover - type2	as per drawing		316L Stainless Steel	Recessed cover			Solo Paver	Kent Stainless	Recessed Manhole Cover for concrete block paving and tarmac area. D400 loading
EXT-813	Manhole Cover - type3	as per drawing		316L Stainless Steel	Recessed cover			Solo Paver	Kent Stainless	Recessed Manhole Cover for concrete block paving and tarmac area. D400 loading
EXT-331	Lighting Column			Lamp Post: Galvanised Steel	Lamp Post: Galvanised Steel			Lamp Post: Stepped Tubular	Lamp Post: Valmont Structures	
SAN-751	External bib tap	as per drawing		316L Stainless Steel				1/2" Pillar Standpipe	Arrowvalves	Below ground fixing
SECURITY										
EXT-401	Bollards static - Type1	1100/1000		316 Stainless Steel	316 Stainless Steel			ATG SP1000 Shallow Mount Bollard	ATG Access	PA568 Rated, Security Rating: V/7200(N2)/80/90:5.0/15.0 with recessed colour contrast and reflective band
EXT-405	Bollards static - Type2	900/1000		316 Stainless Steel	316 Stainless Steel			M3 Flat Top Bollard/Bespoke Fixed Bollard	ATG Access	with recessed colour contrast and reflective band
EXT-409	Bollards retractable - Type1	1000		316 Stainless Steel	316 Stainless Steel			SP1000 Automatic Bollard	ATG Access	PA568 Rated, Security Rating: V/7200(N2)/80/90:5.0/15.0 with recessed colour contrast and reflective band. Dual Height Intercom Bollard with traffic light system included with 316 Stainless Steel Sleeve.
EXT-411	Bollards retractable - Type2	900 including T bar handle		316 Stainless Steel	316 Stainless Steel			114 900 Telescopic Bollard	ATG Access	with recessed colour contrast and reflective band
EXT-435	Metal Gate - Type2	as per drawing		Steel	Green	Powder coated		868 Double Leaf Mesh Gate	FirstFence	
EXT-439	Metal Gate - Type3	as per drawing		Steel	Green	Powder coated		868 Double Leaf Mesh Gate	FirstFence	
EXT-421	Metal Fencing - Type1	as per drawing		Steel	Green	Powder coated		2.4m High Stripe Mesh Security Fencing Kit	FirstFence	
BAL-145	Metal balustrade - Type1			Steel	Grey	Powder coated			Bespoke	- Hidden fixing
BAL-147	Metal balustrade - Type2	Match with existing on site								
EXT-451	Door Barrier - Type1	900x800		Galvanised Steel	RAL 7016	Powder coated		Door Barrier with Tapping Rail (BX14 6620)	Broxap	Below ground fixing
EXT-453	Door Barrier - Type2	900x450		Galvanised Steel	RAL 7016	Powder coated		Door Barrier with Tapping Rail (BX14 6620)	Broxap	Below ground fixing
EXT-455	Timber Board Enclosure	as per drawing		Timber				Accoya	Accoya	FSC Modified Wood
TREE PRODUCT										
EXT-705	Root barrier	2mm THK							GreenBlue Urban	Reroot 2000
EXT-711	Root director							RD1500 root director	GreenBlue Urban	
EXT-715	Root ring border guard	1000mm dia		Galvanised Steel				Tree ring border guard	Green-tech	
EXT-721	Tree anchoring system - Type1							ArborGuy Deadman Anchor	GreenBlue Urban	Tree anchoring system to deadman
EXT-725	Tree anchoring system - Type2							Platipus D-Man System - Plati-Mat	Platipus	3-way Tree anchoring system into ground
EXT-727	Tree anchoring system - Type3							Guy Fixing Kit - G1	Platipus	3-way Anchor system with Guy Fixing Kit
EXT-731	Root rain irrigation/aeration system	as per drawing							GreenBlue Urban	with RootRain ArborVent
EXT-735	Root space structure	as per drawing						Rootspace	GreenBlue Urban	Rootspace structure 1module depth
EXT-741	Drainage layer	10-20mm							GreenBlue Urban	10-20mm washed angular aggregate
EXT-749	Geotextile									Separation layer
EXT-752	Protective Mesh			Galvanized Steel				Galvanized Welded Mesh Extra-Heavy 10g (3mm)	MeshDirect	Laid on the top of planter between mulch layer and topsoil. Offset front planting shown in the drawings. Secure fixing and removable for planting maintenance.
EXT-571	Construction Waste Substrate with Topsoil									Low Fertility Topsoil to be mixed with construction waste substrate
SOFT LANDSCAPE										
EXT-501	Proposed tree									Tree height to be met with landscape planting schedule
EXT-511	Proposed shrub									
EXT-521	Proposed general planting									
EXT-541	Green Screen	1200x3000mm		Hedera helix 'Woerner'				Green Screen	Hedera Screen	Light-weight, semi-hydroponic, modular panel system. Biodegradable system. Soil and fixing to supplier's recommendation.
EXT-551	Mulch	50mm						Bark Nuggets	Melcourt	50mm Thick over the topsoil. Mulch at 1 cu m of material per 12 sq m.
EXT-555	General planting soil									See section Q28 Specification
EXT-559	Tree cell system topsoil									See section Q28 Specification
EXT-569	Wildflower topsoil							TSS Topsoil	Bourne Amenity	Low Fertility Soil. See section Q28 Specification
EXT-565	Bioretention soil							Bioretention Soil	Bourne Amenity	See section Q28 Specification
EXT-561	Washed sand subsoil							Washed subsoil sand	Bourne Amenity	See section Q28 Specification
EXT-573	Standard subsoil								Bourne Amenity	See section Q28 Specification
EXT-525	Understory planting									
EXT-529	Wildflower planting							Wildflower turf	Lindum Turf	100mm topsoil layer is required on the mound when construction waste substrate does contain topsoil element.

EXT-601	Security 'Orientated' Landscaped Mound									Refer to Arup Design Report . Security rating: V/7500[N2]/80/90:5.0/15.0
EXT-329	Grass Grid	585x385x38		Recyclable Polyolefin Compound				Honeycomb Mesh Grass Plates	ACO	
EXT-755	Soil Reinforcement Mesh							Coir-rolls 900g/m2	Green Tech	Coir-rolls 900g/m2 fixed with Steel Fixing U-Pins
EXT-325	SuDS planter									
DRAINAGE										
EXT-801	Channel drainage - Type1	as per drawing		Polymer Concrete	Black			MonoDrain PD1500 20.0	ACO	D400 loading
EXT-802	Channel drainage - Type2	as per drawing		Polymer Concrete	Black			MonoDrain PD1500 10.0	ACO	D400 loading
EXT-803	Channel drainage - Type3	as per drawing		Polymer Concrete	Black			MonoDrain PD1500 0.0	ACO	D400 loading
EXT-804	Channel drainage - Type4	as per drawing		Polymer Concrete	Black			MonoDrain PD1000 20.0	ACO	D400 loading
EXT-805	Channel drainage - Type5	as per drawing		Polymer Concrete	Black			MonoDrain PD1000 10.0	ACO	D400 loading
EXT-806	Channel drainage - Type6	as per drawing		Polymer Concrete	Black			MonoDrain PD1000 0.0	ACO	D400 loading
EXT-815	Drainage gully - Type1	200x200		316L Stainless Steel				HEELPROOF SLOTTED GRATING – KHP5G150	Kent Stainless	D400 loading
EXT-819	Drainage gully - Type2	450x450		Cast Iron	Black			Sap code 263876 Right End Opening	Saint Gobain Aquamax	D400 loading
EXT-821	Drainage gully - Type3			Cast Iron	Black			SuDs Overflow Gully	ACO	
EXT-823	Hopper Well Grille									Galvanized Security Grille to be matched with existing used in South Stand