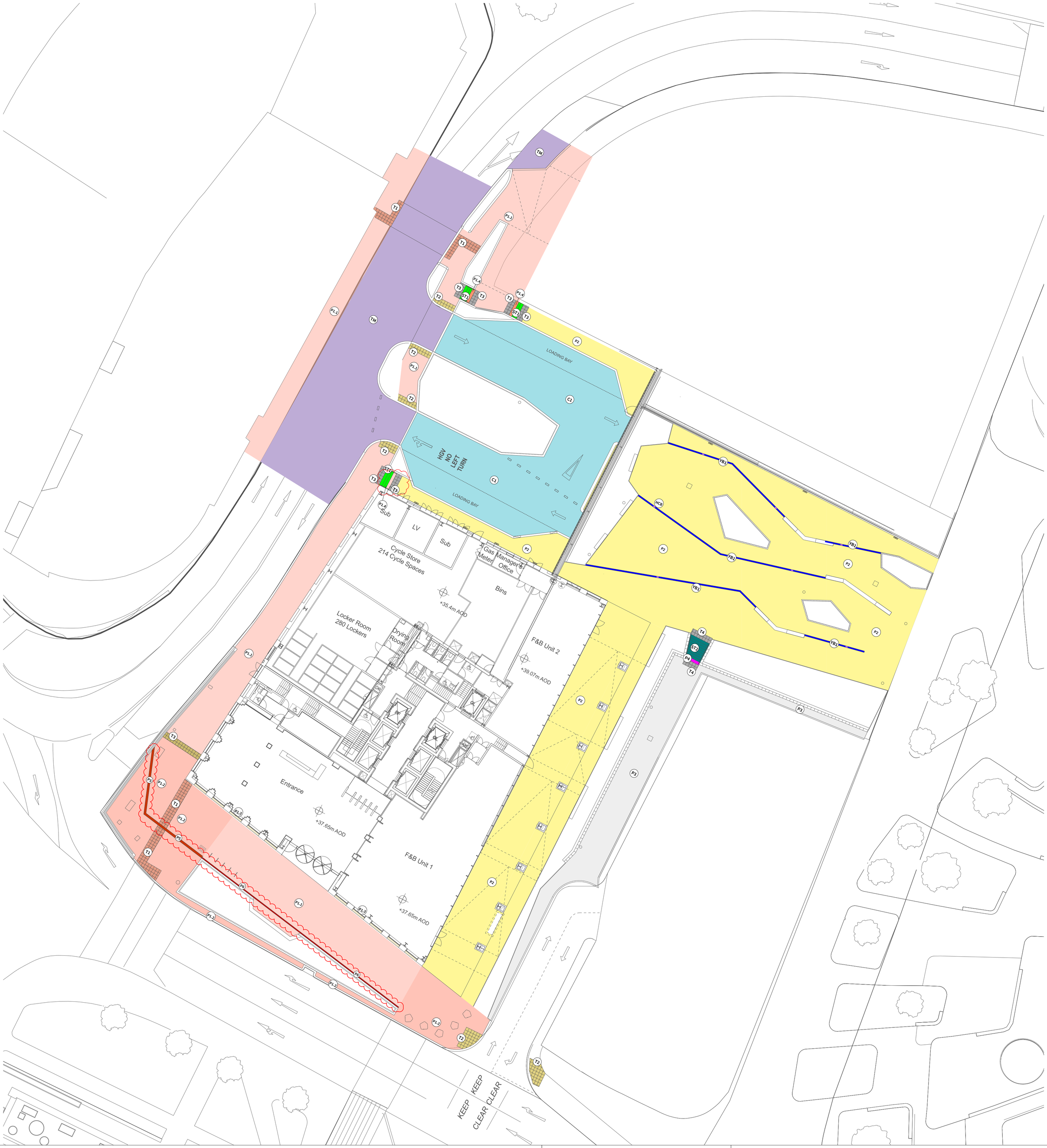


P1.1 **Large Yorkstone natural stone slab paving - to footpaths.**
Product: 'Scoutmoor' Yorkstone or similar and approved.
Colour: Greyish buff
Dimensions: Sizes 600mm (W) x 600-900mm (L) x 75mm (D)
Finish: Diamond sawn all sides
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Cut units: lengths no smaller than 450mm
Bond: Random stretcher bond to create mixed blend
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

P1.2 **Medium Yorkstone natural stone slab paving - to arrival spaces.**
Product: 'Scoutmoor' Yorkstone or similar and approved.
Colour: Greyish buff
Sizes 150mm (W) x 150-300mm (L) x 75mm (D)
Finish: Diamond sawn all sides
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Bond: Random stretcher bond to create mixed blend
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

P1.3 **Yorkstone natural stone slab paving - between columns - front entrance.**
3 blocks to sit between columns
Product: 'Scoutmoor' Yorkstone
Colour: Greyish buff
Finish: Diamond sawn all sides
Dimensions: Sizes 290mm (W) x 648mm (L) x 75mm (D)
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Cut units: lengths no smaller than 300mm
Bond: Stack bond
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

P1.4 **Yorkstone paving unit to bottom step - service yard**
Product: 'Scoutmoor' Yorkstone
Colour: Greyish buff
Finish: Diamond sawn all sides
Dimensions: Sizes 400mm (W) x 808mm (L) x 50mm (D)
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Cut units: lengths no smaller than 300mm
Bond: Stack bond
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

YB1 **Yorkstone flush banding**
Product: 'Scoutmoor' Yorkstone
Colour: Greyish buff
Finish: Diamond sawn all sides
Dimensions: 200mm(W) x 450mm(L) x 63mm(D)
Cut units: lengths no smaller than 300mm
Bond: Stack bond
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

P2 **Clay Pavers**
Product: Wienerberger clay pavers
Dimensions: 50mm (W) x 200mm (L) x 85mm (D).
Colour: 50% Bruno WF (sanded finish)
50% Mastiek WF (sanded finish)
Bond: Stretcher bond with drain joints. Refer to drawing NP4-PLA-04-XX-DR-L-5001 for detail.
Laid: Flexibly to engineer's details
Pattern: To be laid in a stretcher bond pattern.
Refer to drawing NP4-PLA-04-XX-DR-L-5007 for detail plan showing interfaces.
Supplier: Hardscape or equal and approved

HCB **Bespoke hand moulded clay blocks - to square**
Bespoke hand moulded clay blocks by Standard practice to sit within yorkstone band. To be engraved with historic factory numbers. To be developed with NOMA branding team.
Dimensions: Dimensions: 50mm (W) x 200mm (L) x 65mm (D).
Laid: Flexibly to engineer's details
Pattern: Stack bond

P3 **Natural stone aggregate concrete paving - to Beswick Row.**
Product: Kellen 'Lavaro' paving
Colour: Mix: Lavaro Grijs/Lavaro Grijs 530
Size: 100mm(W) x 100mm(L) x 80(D), 100mm(W) x 200mm(L) x 80mm(D), 100mm(W) x 300mm(L) x 80mm(D)
Supplier: Hardscape or equal and approved

P4 **Natural stone aggregate concrete paving - to bottom of step on Beswick Row.**
Product: Kellen 'Lavaro' paving
Colour: Lavaro Grijs
Dimensions: 400mm(W) x 80mm(D)
Supplier: Hardscape or equal and approved

P5 **Yorkstone Dished Channel**
Material: Scoutmoor or similar and approved.
Size: 300mmW x 1000mmL x 155mmD.
Finish: Diamond sawn all sides
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Cut units: lengths no smaller than 450mm
To include transition unit from flat channel to dished channel.
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification.
Supplier: Hardscape or equal and approved

P6 **Yorkstone Flat Channel**
Material: Scoutmoor or similar and approved.
Size: 150mmW x 1000mmL x 155mmD.
Finish: Diamond sawn all sides
Jointing: to engineer's detail and specification. Width 8mm (6-10mm)
Cut units: lengths no smaller than 450mm
Laid: Fully rigid construction, concrete slab with proprietary mortar system for bedding (Tuffbed by Steintec or equal and approved), jointing (Tufftop) and primer (Tuffbond) to Engineer's specification
Supplier: Hardscape or equal and approved

C1 **In situ concrete surface - to service yard.**
Product: Exposed aggregate concrete
Colour: Artevia buff. Aggregate: 10mm Homepark (local to Manchester)
Finish: Medium etch,using VBA2002 (blue) retarder with a final acide wash.
Structural road base build up and depth to be advised by S&C engineer.
Supplier: Aggregate Industries or equal and approved
NOTE: Engineer's to provide appropriate expansion and induced joints. Layout to be agreed with Landscape Architect.

TM **Bituminous surface - to highway.**
Surface wearing course only
To include thermoplastic markings - to highway's specification and design
Specification: To engineer's details and specification

T1 **Tactile Blister Paving - to controlled crossing.**
Location: At pedestrian crossings
Product: 'Red' concrete - material/colour to match existing
Dimensions: 400mm (W) x 400mm (L) x 50mm (D).
Supplier: Marshalls or equal and approved

T2 **Tactile Blister Paving - to crossing**
Location: At pedestrian crossings
Product: 'Buff' concrete - material/colour to match existing tactile on Miller Street.
Dimensions: 400mm (W) x 400mm (L) x 50mm (D).
Supplier: Marshalls or equal and approved

T3 **Tactile Corduroy Paving - to steps near service yard**
Location: To top and bottom of steps
Product: 'Charcoal' concrete
Dimensions: 400mm (W) x 400mm (L) x 50mm (D).
Supplier: Marshalls or equal and approved

T4 **Tactile Corduroy Paving - to steps to podium**
Location: Service yard
Product: 'Kobra' granite
Finish: Flamed
Dimensions: 400mm (W) x 400mm (L) x 50mm (D).
Supplier: Hardscape or equal and approved

ST1 **Yorkstone steps**
Location: Service yard
Product: 'Scoutmoor' Yorkstone step units
Finish: Diamond sawn sides, sand blasted top.
Dimensions: 400(W)mm x 150(H)mm
Deep bottom step unit: 400(W)mm x 200(H)mm
Riser: 150mm
Tread: 300mm
NOTE: Allowance to be made for nominal fall to allow for drainage.
Fully rigid on concrete foundation/step former with proprietary mortar system for bedding, jointing and primer.
For detailed dimensions refer to drawing NP4-PLA-04-XX-DR-L-5005 and NPS-PLA-05-XX-DR-L-5005
To include 55x55mm constrasting strip of crystal black granite to each step
Supplier: Hardscape or other equal and approved
To include handrail - refer to drawings above for detail.

ST2 **Concrete steps**
Location: Beswick Row up to podium
Product: Insitu concrete steps
Riser: 150mm
Tread: 300mm
NOTE: Allowance to be made for nominal fall to allow for drainage.
To include 55x55mm constrasting strip of crystal black granite to each step
Supplier: Contractor
To include handrail - refer to drawing NP4-PLA-04-XX-DR-L-5005

NOTE: Assume all existing covers, manholes and in ground features to be replaced with new if retained as part of the new design proposals. Where possible to be reinstated using recessed / infill covers with paving to match adjacent new surfacing. All covers to new servicing to be recessed, to engineer's specification.

Refer to NP4-PLA-04-XX-SP-L-0001 for Hardworks NBS specifcation

Refer to clauses:
D41
E10
L37
Q22
Q23
Q25

REVISION NOTES
1. Drainage channels added.
2. Additional step unit added.

Revision	Date	Description	Drawn	Apprvd.
D4-C07	08-02-23	Stage 5	TF	KR
D4-C06	07-10-22	Stage 5	TF	KR
D4-C05	11-08-22	Stage 5	TF	KR
D4-C04	12-07-22	Stage 5	TF	KR
D4-C03	11-07-22	Stage 5	TF	KR
D4-C02	10-06-22	Stage 5	TF	KR
D4-C01	08-03-22	Stage 5	TF	KR

Client MEPC

Project Noma, Plot P, Manchester

Drg Title Hardworks General Arrangement

Created on	Created by	Approved by
05.04.19	AT	KR

Scale	Size	Workstage
1:250	A1	Stage 5

Drg No.	Suitability	Revision
NP4-PLA-04-XX-DR-L-1000	D4	C07

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NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

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