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Unfortunately, plans are prone to deterioration, may get lost and they often need to be revised during construction.

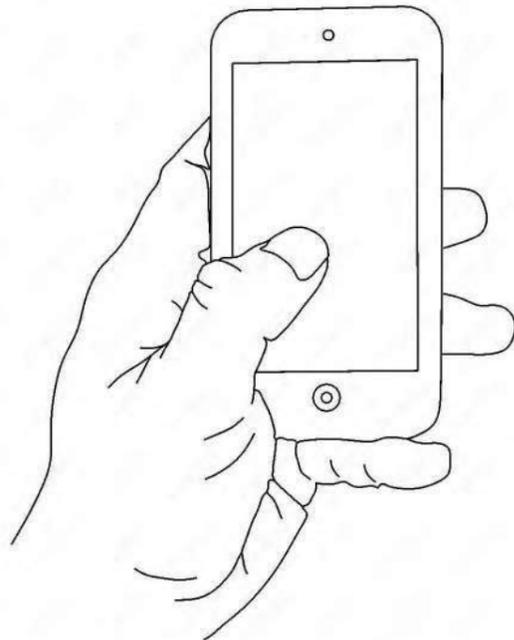
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GENERAL NOTES

1. Cresco does not accept any liability of any kind whatsoever from other parties than the owner / developer indicated within the PS1.
2. Refer to the architectural plans for dimensions, levels and rebates, recessed areas, steps, services, plumbing layout, holding down bolts and embedded items.
3. Plans to be read in conjunction with the architectural documentation. The architect must be notified for any inconsistency, error or omission in the documents, or between documents.
4. All dimensions and levels are to be checked on site before fabrication.
5. Material performance to comply with all aspects of the NZ Building Code, approved documents and nzs 3604:2011.
6. Apply proprietary materials and components to the manufacturer's express written instructions.
7. Plans A3 format, do not scale drawings.
8. All dimensions are in millimetres unless otherwise noted.
9. The drawings are to be read in conjunction with the installation procedure in sheet 4.
10. The installer shall assess the acceptability of the ground across the entire building platform before proceeding with the construction.
11. Refer to the geotechnical investigation report and/or geotechnical engineer recommendations for ground improvement works if any.

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GENERAL NOTES

NTS A3

S1

DOCUMENT TITLE

SCALE FORMAT

SHEET



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LOT 42 AT 110 NGARARA RD - WAIKANAE

PROJECT

7545 F001 C 05.09.23 FPA

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INSPECTION SCHEDULE

For this project Cresco recommends a Chartered Professional Engineer (or nominated representatives) to undertake the inspections included within this schedule:

Inspection of cut / fill* building platform:
 Bearing Capacity Confirmation (Ref. 1S3)

Pre-pour visit:
 Reinforcing, pipes penetrations details, Pods layout

(*Fill compaction density assessment is required for fills with a depth of 400 mm or more. For those with a depth of less than 400 mm the instructions provided in NZS3604 clause 7.5.3.1 are applicable unless specific unexpected issues occur (e.g. if a soft spot is identified during the cut inspection), in which case the fill compaction density assessment may still be required. When the compaction density assessment is required additional visits are likely to be needed.

A CPEng nominated by Cresco New Zealand Engineers Limited will issue a PS4 (Producer Statement - Construction Review) if the building works have been completed (i) in accordance with the relevant requirements of the Building Consent and Building Consent Amendments clause B1, (ii) in compliance with the structural documentation and if (iii) all site inspections contained within this inspection schedule have been carried out by inspectors appointed or approved by Cresco.

It is under the responsibility of the owner's agent or contractor to notify the Engineer when inspections are to be required.

Inspections may be combined or added to at the sole discretion of the CPEng engineer in charge for the PS4 issue.

A PS3 (Producer Statement - Construction) might be required to the contractor prior to the issue of a PS4.

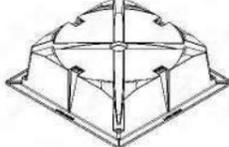
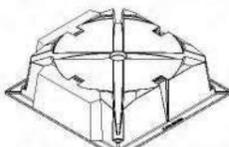
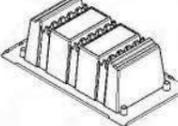
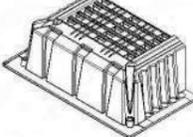
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BILL OF QUANTITIES

Quantities included within this list are approximated and they are provided for reference only. The installer shall make his own bill of quantity. Cresco does not accept any responsibility for the reliability, accuracy or completeness of the data contained within this list.

	RibRaft@ Xpod™ 215/750 (some additional pods might be needed in correspondence of embedded services)	263 pcs
	RibRaft@ Xpod™ 215/1500	0 pcs
	RibRaft@ Xpod™ Keystone 8/16 (mesh chairs H50 might also be needed to support edge beams bars)	367 pcs
	RibRaft@ Xpod™ MINIPOD215/300 We recommend having some additional stock on site (some additional pods might be needed in correspondence of embedded services)	53 pcs
	RibRaft@ Xpod™ ADJ215/350.700 We recommend having some additional stock on site (some additional pods might be needed in correspondence of embedded services)	35 pcs
CONCRETE	Firth Concrete as specified in sheet 3	34 m ³
AREA	Foundation Area	191 m ²



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INSPECTION SCHEDULES

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NTS

SCALE

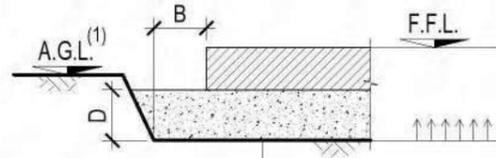
A3

FORMAT

S2

SHEET

1 BUILDING PLATFORM
S3 N.T.S. - TYPICAL DETAIL

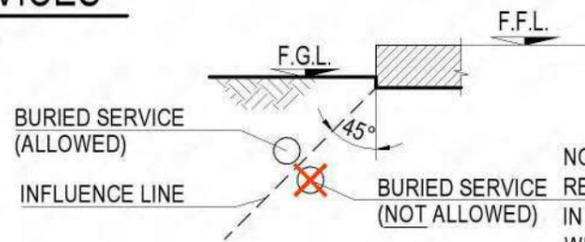


ULTIMATE BEARING CAPACITY (UBC, kPa) ≥ 200
ENGINEERED FILL DEPTH⁽²⁾ (D, mm): 200
ENGINEERED FILL EXTENSION (B, mm): 200
A29 BIDIM GEOTEXTILE AT BASE: NO
TX160 GEOGRID (Number of layers)⁽³⁾: 0

NOTES:

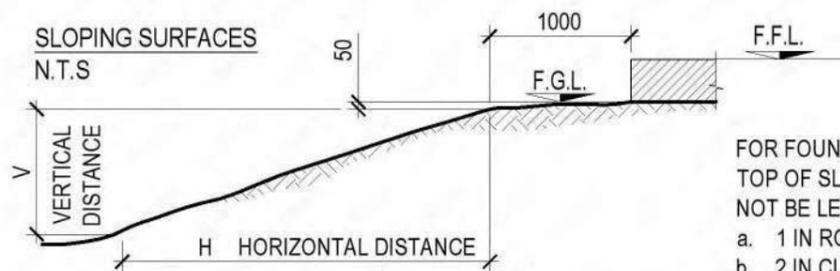
- (1) A.G.L. = -225 mm F.F.L. UNLESS OTHERWISE NOTED IN THE ARCHITECTURAL PLANS
- (2) ENGINEERED FILL: AP40 or AP65 95% DRY DENSITY 200 mm COMPACTION LAYERS (MAX). WHEN ENGINEERED FILL DEPTH "D" IS ZERO, NO ENGINEERING FILL IS REQUIRED.
- (3) GEOGRID (WHEN REQUIRED) TO BE PLACED WITH THE FIRST GEOGRID SHEET AT BASE AND SUBSEQUENT GEOGRID LAYERS @ 200 mm INTERVALS

3 BURIED SERVICES
S3 N.T.S. - TYPICAL DETAIL



NO BURIED SERVICES OTHER THAN THE PIPES REQUIRED BY THE ARCHITECT AND CONSTRUCTED IN ACCORDANCE WITH THE DETAILS PROVIDED WITHIN THIS SET OF PLANS ALLOWED WITHIN THE INFLUENCE LINE

4 SLOPING SURFACES
S3 N.T.S. - TYPICAL DETAIL



FOR FOUNDATIONS ERECTED AT THE TOP OF SLOPE THE H/V RATIO SHALL NOT BE LESS THAN:
a. 1 IN ROCK
b. 2 IN CLAY
c. 3 IN OTHER MATERIALS

SITE VERIFICATION CHECKS:

- ULTIMATE BEARING CAPACITY (UBC)
- NO INTERFERING BURIED SERVICES
- NO EVIDENCE OF EROSION OR LAND INSTABILITY
- NO UNCONTROLLED LAND FILLING
- NO ORGANICS

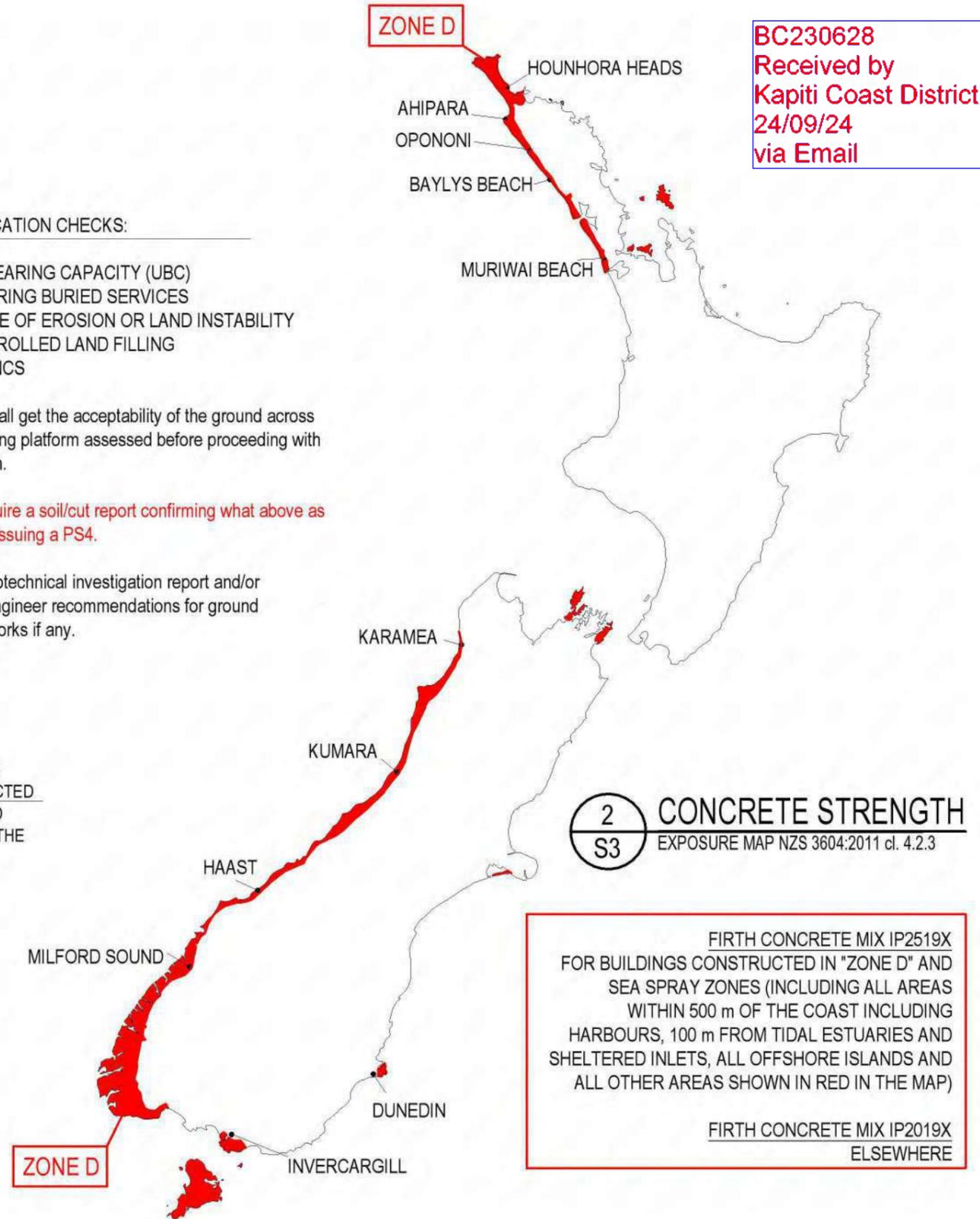
The installer shall get the acceptability of the ground across the entire building platform assessed before proceeding with the construction.

Cresco will require a soil/cut report confirming what above as a condition for issuing a PS4.

Refer to the geotechnical investigation report and/or geotechnical engineer recommendations for ground improvement works if any.

ZONE D

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2 CONCRETE STRENGTH
S3 EXPOSURE MAP NZS 3604:2011 cl. 4.2.3

FIRTH CONCRETE MIX IP2519X
FOR BUILDINGS CONSTRUCTED IN "ZONE D" AND SEA SPRAY ZONES (INCLUDING ALL AREAS WITHIN 500 m OF THE COAST INCLUDING HARBOURS, 100 m FROM TIDAL ESTUARIES AND SHELTERED INLETS, ALL OFFSHORE ISLANDS AND ALL OTHER AREAS SHOWN IN RED IN THE MAP)

FIRTH CONCRETE MIX IP2019X
ELSEWHERE



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BUILDING PLATFORM & SEA SPRAY ZONES

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SCALE FORMAT

S3

SHEET

1. SITE PREPARATION

All vegetation, topsoil and other organic or deleterious material shall be removed from the area to be covered by the building (formation area) prior to commencing construction of the system.

2. EARTHWORKS

The formation area shall be prepared in accordance of detail 1S3 and under the supervision of a qualified professional.

Where fill is required to achieve this level or a suitable bearing capacity, the fill is subject to site verification and must be certified by personnel appointed by Cresco or, for fills that are less than 400 mm deep, shall be installed in accordance with Clause 7.5.3 of NZS 3604:2011 "Timber Framed Buildings". The installer / engineer shall get the acceptability of the ground over the entire building platform assessed before proceeding with the construction.

Council inspectors might want to inspect site before slab construction commences.

3. PLUMBING AND SERVICES (beneath the system)

Plumbing and services required beneath the system should preferably be conveyed underground to their plan location then brought up through the system. The trenching, placing, and bedding of the pipes/ducts and the backfilling of the trenches shall conform to the requirements of the consent documentation.

4. SAND BLINDING

A layer of sand shall be placed, screeded and compacted over the building platform, extending to at least 300 mm beyond the system perimeter. The maximum thickness of this blinding layer shall be 40 mm. If the ground has been softened (i.e. has a muddy surface layer due to construction activities), remove the softened material before placing the sand. Granular fill required if excavation lowers the ground surface to more than 40 mm below the underside of the foundation.

5. DAMP PROOF MEMBRANE

The RibRaft® Thermox DPM or NZS 3604 compliant DPM shall be laid over the entire building platform (to the outer edge of the perimeter at least) directly on top of the sand blinding layer. The joints shall be lapped 50 mm and sealed with RibRaft® Thermox Tape or pressure sensitive tape.

All penetrations of the DPM by plumbing and services or punctures during construction shall also be sealed with RibRaft® Thermox Tape or pressure sensitive tape.

6. EDGE FORMWORK

The edge formwork shall be constructed ensuring that the requirements of NZS 3109:1997 "Concrete Construction" are adhered to. The formwork shall be adequately supported and braced to prevent any buckling or warping. If the wall is to be constructed in masonry veneer, formwork for a masonry veneer rebate should be adequately fixed to the perimeter formwork. Foundation positioning and levels might need to be certified by a land surveyor before pouring, it is recommended to organize the inspection at this stage.

7. LAYING THE PODS AND KEYSTONES

The RibRaft® Xpod™ 215/750 or 215/1500 pods (as specified at sheet n.5) shall be laid out over the DPM in a regular waffle pattern ensuring direct contact with the ground across the entire pod. All pods shall be locked at each corner with a RibRaft® Xpod™ Keystone 8/16 connector. Make sure the Keystone connector pins engage and click into the holes placed at each corner of the pods. "Set out start" corner is indicated in this set of plans. Lay RibRaft® Xpod™ MINPOD 215/300 and ADJ215/350.700 pods any time (at the edges, steps, penetration lines...) a full pod does not fit within the available space.

8. PLUMBING AND SERVICES (within the system)

Services shall be placed in accordance with the details provided by Cresco and along orthogonal directions matching the pods layout. RibRaft® MINIPODs 215/300 can be used to reduce concrete consumption along services lines. Allowed diameters of the services/ducts, positioning constraints and localized strengthenings are dictated within this set of plans.

9. REINFORCING STEEL BARS

The reinforcing bars in the ribs and edge beams shall conform to AS/NZS 4671:2001. Specifically designed spacers (RibRaft® Xpod™ Keystones 8/16) are used to hold in place and retain the reinforcing bars within the ribs in a secure manner until the concrete is placed with no need for the reinforcing bars to be tied.

50/65 bar chairs to be used to support the reinforcing bars within the edge beams as necessary. Reinforcing bars within the edge beams when not retained by keystones to be tied and fixed in their position. Unless otherwise noted, reinforcing bars shall lap as follow:

10 mm diameter bars: 600 mm

12 mm diameter bars: 720 mm

16 mm diameter bars: 960 mm

Unless otherwise specified, 50 mm cover to the edge of the beam and 50 mm cover to the DPM surface shall be allowed for.

10. MESH REINFORCING

Top reinforcing steel in the top slab, unless otherwise specified, shall consist of Welded Reinforcing Mesh complying with AS/NZS 4671:2001 with a minimum weight of 2.27 kg/m², a lower characteristic stress of 500 MPa, square configuration of orthogonal bars between 150 to 300 mm centres and ductility class L or E. The Reinforcing Mesh shall be placed on top of RibRaft® pods without mesh chairs unless otherwise specified. The Reinforcing Mesh shall lap a minimum of 225 mm or 1 grid space + 50 mm (which ever is the greater). The Reinforcing Mesh shall be tied (1@600mm) at all laps.

U.N.O. two bars (Grade 500E and diameter specified in sheet 5), 1200mm long shall be placed across the corner, tied to the top of the mesh at re-entrant corners at 200 mm centres, with 50 mm cover from the internal corner.

11. CONCRETE PLACING AND FINISHING

Concrete placing, finishing and curing shall be in accordance with NZS 3109:1997, Clause 7.

Concrete to be poured monolithically.

U.N.O. one of the following Firth concrete products shall be used in the system:

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1 FIRTH CONCRETE MIX IP2019X

2 FIRTH CONCRETE MIX IP2519X for buildings constructed in the 'sea spray zone' (including all areas within 500 m of the coast including harbours, 100 m from tidal estuaries and sheltered inlets, all offshore islands and all other areas shown in red in the map in sheet 3)

The concrete shall be compacted with the use of an immersion vibrator around all steel and into all corners of the formwork.

Screeding with the aid of a level shall commence immediately after compaction. Unless specifically installed as a screeding datum, the top of the formwork shall not be assumed as level and thus shall not be used for screeding purposes. Final finishing with a trowel shall take place after all the bleed water has evaporated.

The edge of the slab and rebates shall be tooled to prevent chipping of the top of the slab.

Early age care of the slab shall be in accordance with good trade practice appropriate for the weather conditions. The surface shall be a blemish free surface to class U3 finish (refer NZS 3114:1987). Proper curing of the concrete must take place immediately after finishing the concrete. One of the following methods of curing is recommended: (i) ponding or continuous sprinkling of water (ii) placing a wet covering or plastic membrane over the slab or (iii) using liquid membrane curing compounds.

Immediate and continuous wet curing to reduce the maximum temperature and/or raise the minimum temperature can reduce the risk of this type of cracking.

No saw cuts are required unless specified, however, the contractor may opt to use saw cuts as they are not detrimental for the performance of the system. Shrinkage control joints shall be saw cut after hardening. The saw cut shall be cut to a depth of 25mm and shall be cut no later than 24 hours in summer, or 48 hours in winter.

The shrinkage control joints shall be positioned to coincide with major changes in floor plan.

Where the concrete is to be exposed or brittle covering placed over, the maximum intermediate bay sizes shall be limited to 6 m. Bay dimensions formed by shrinkage control joints shall be limited to a maximum ratio of length:width of 2:1.

The formwork shall not be removed prior to 12 hrs. after the slab has been finished. No loads to be placed on the system before adequate curing has taken place.



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INSTALLATION PROCEDURE

NTS

A3

DOCUMENT TITLE

SCALE

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SHEET

S4

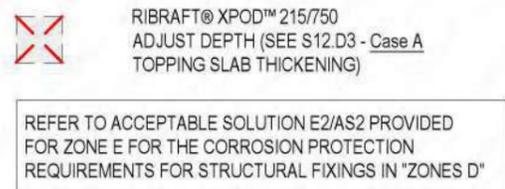
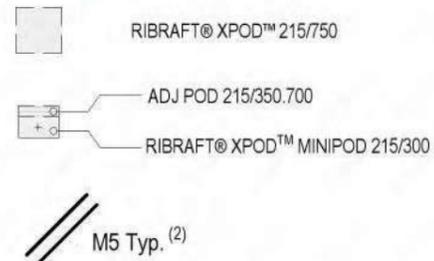
DETAILS LIST

(S)Sheet . (D)Detail Number - Detail title

- S3.D1 - BUILDING PLATFORM
- S3.D2 - CONCRETE STRENGTH
- S3.D3 - BURIED SERVICES
- S3.D4 - SLOPING SURFACES
- S6.D1 - RIB BARS LAP
- S6.D2 - XPOD™ 215/750 LAYOUT
- S7.D1 - FOUNDATION EDGE
- S7.D2 - FOUNDATION TOP
- S7.D3 - INTERNAL RIB
- S7.D4 - GARAGE DOOR REBATE
- S7.D5 - FOUNDATION CORNER
- S8.D1 - EDGE BEAM WIDTH
- S9.D1 - UNDERGROUND SERVICES
- S10.D1 - EMBEDDED SERVICES
- S11.D1 - VERTICAL PENETRATIONS
- S12.D1 - TOP SLAB DEPTH
- S12.D2 - FLOOR SAW CUT (1)
- S12.D3 - POD DEPTH ADJUSTMENT
- S13.D1 - 'MINIPOD' CONFIGURATION
- S14.D1 - COLUMNS PAD CONNECTION

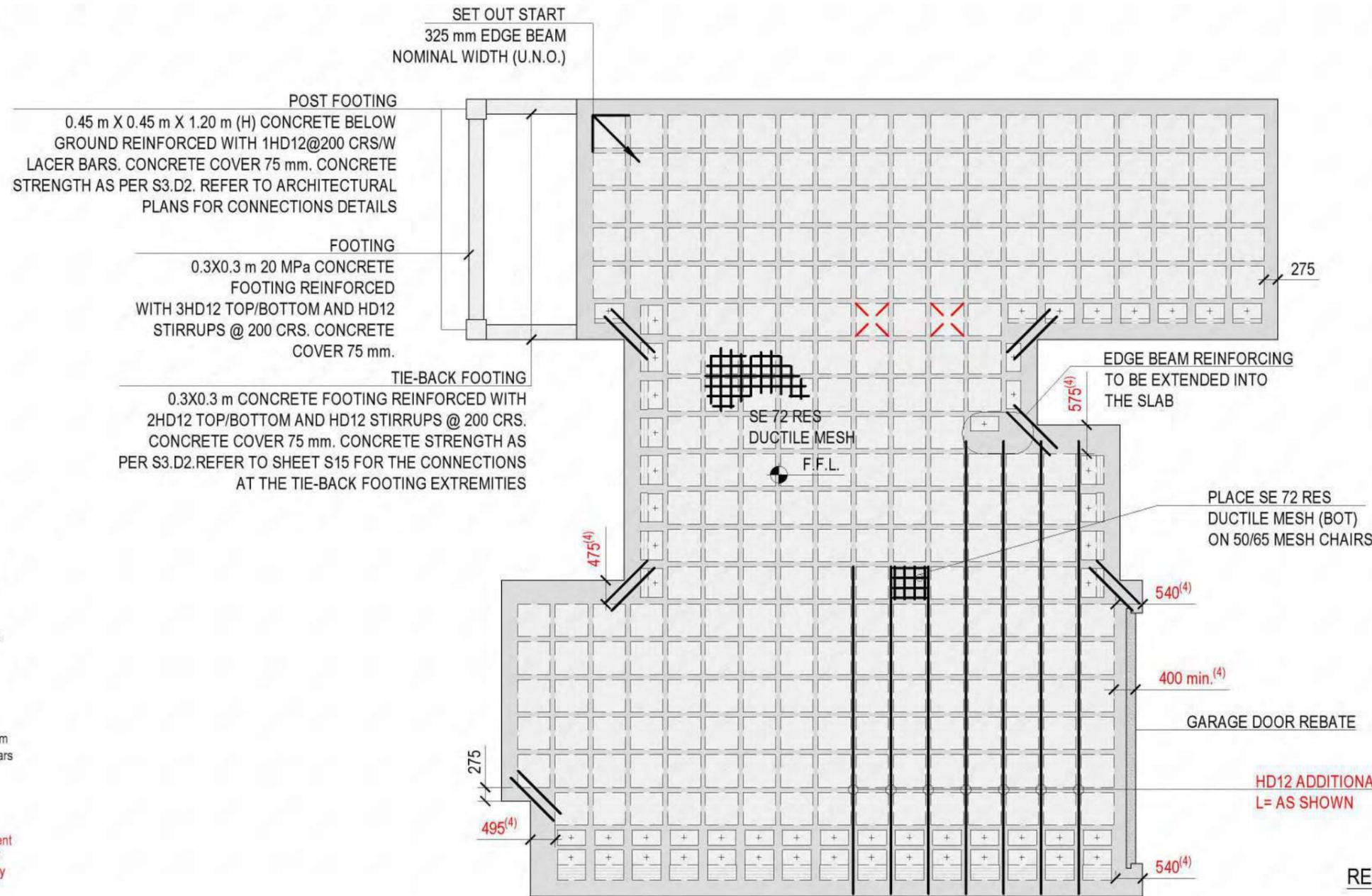
NOTES

- (1) No saw cuts are required unless specified.
- (2) Typical at each reentrant corner except for reentrant corners where floor saw cuts have been specified. Do not exceed 50 mm cover from beam outer edge / rebate
- (3) Additional reinforcing steel other than specified within the reinforcing summary might be needed as specified on the details included within this set of drawings (e.g. at pipe penetrations, steps, stiffenings...)
- (4) At least 3 bottom bars when edge beam width ≥ 400 mm and at a rate of 1 additional bar per 100 mm of width increase (i.e. 3 bars for 400 mm width, 4 bars for 500 mm width and so on).
- (5) Check requirement for joinery rebate (if any)
- (6) Anchor bolts with a minimum required embedment depth = 55 mm (Ramset chemset EPCON C6EF or similar) to be used for any bracing wall supported by the 85 mm top slab and requiring a reduced characteristic tensile capacity of 15 kN (e.g. but not limited to gb BL1-H).



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REINFORCING SUMMARY (3)

REINF. MESH: CLASS E SE72 - CHAIRS NOT REQUIRED	
M1	1HD12 BOTTOM @ RIB EW
M2	2HD12 BOTTOM EDGE BEAM (4)
M3	1HD12 TOP EDGE BEAM
M4	1+1HD12 TOP/BOTTOM EDGE BEAM CORNERS
M5	2HD12 TOP BAR AS SPECIFIED WITHIN THE PLAN L=1200 (2)

NO SLAB THICKENINGS REQUIRED BELOW INTERNAL LOAD BEARING WALLS

THE FOUNDATION LAYOUT COMPLIES WITH THE TRUSS DESIGN PROVIDED BY CLIENT / ARCHITECT WHICH MAY CONTAIN LOAD BEARING WALLS AND / OR POINT LOADS

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FOUNDATION LAYOUT

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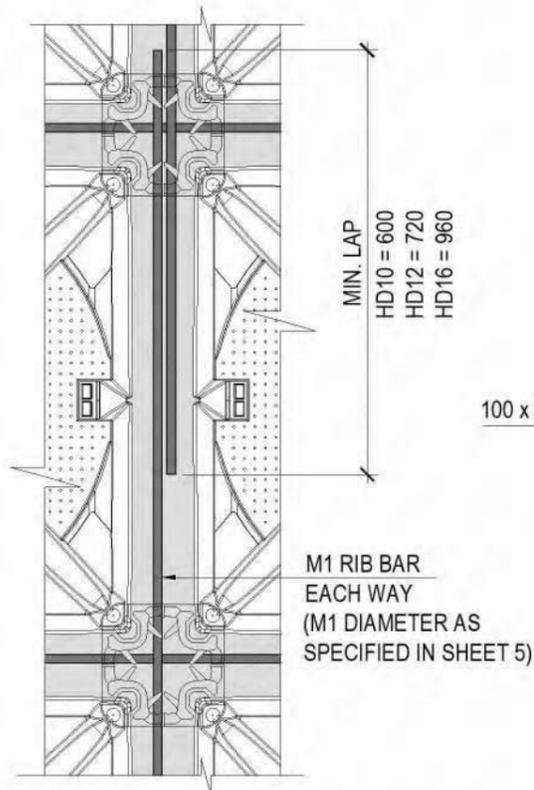
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SCALE FORMAT

S5

SHEET

1 RIB BARS LAP
S6 1:10 - TYPICAL DETAIL



2 PODS LAYOUT
S6 1:10 - TYPICAL DETAIL

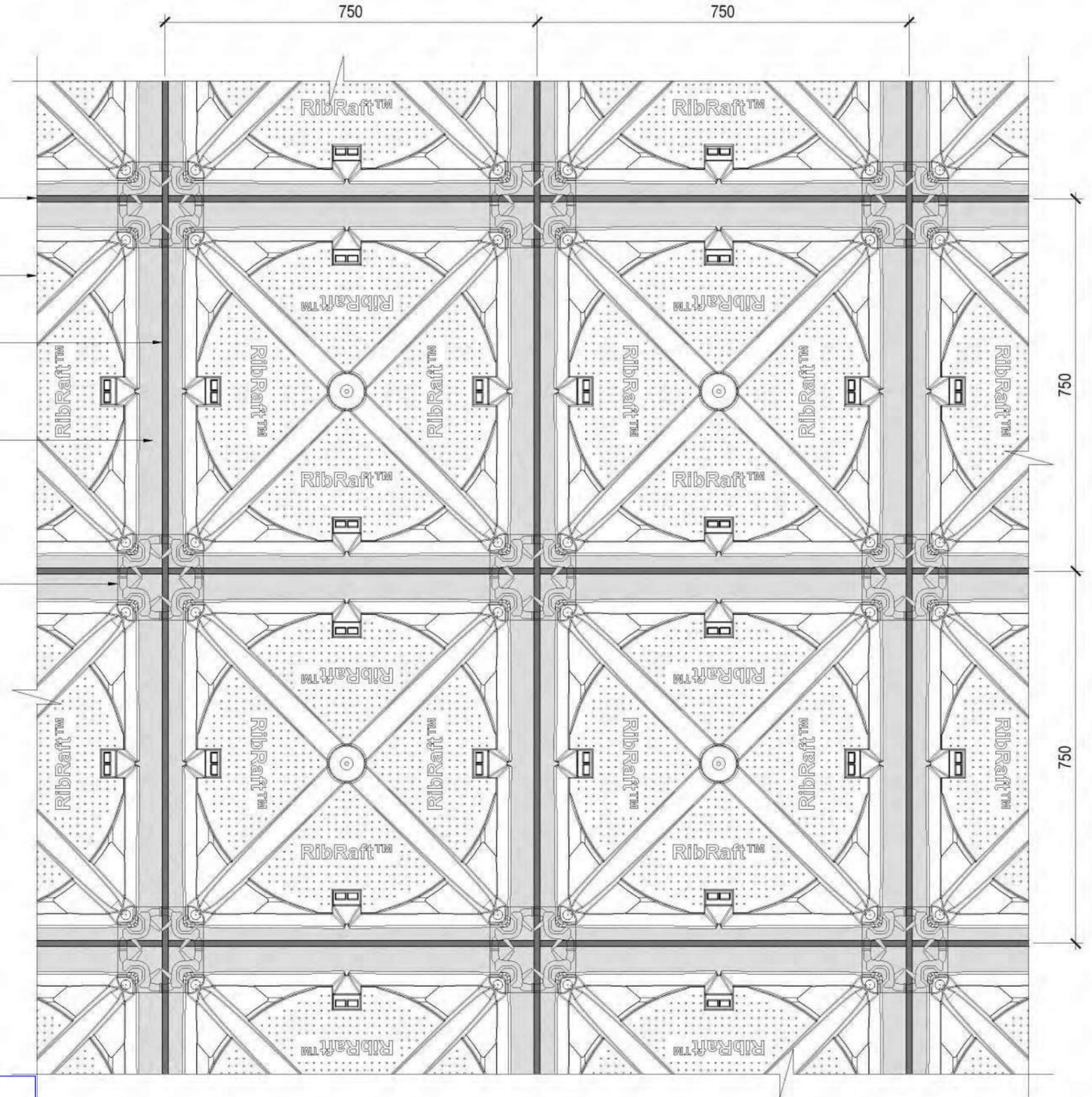
M1 RIB BAR @750 CRS. (X DIRECTION)
(DIAMETER AS SPECIFIED IN SHEET 5)

RIBRAFT® XPOD™
215/750

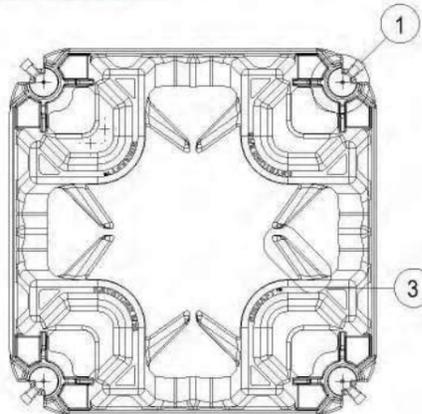
M1 RIB BAR @750 CRS. (Y DIRECTION)
(DIAMETER AS SPECIFIED IN SHEET 5)

100 x 300 CONCRETE RIB @750 CRS. EACH WAY

RIBRAFT® XPOD™
KEYSTONE 8/16



NOTE:
Prefer reinforcing overlapping where the ribs are reinforced with one bar only.
No ties are needed for bars retained with the RibRaft® Xpod™ Keystone 8/16



INSTALLATION PROCEDURE:

1. Engage the keystone pins with the holes at each corner of the pods
2. Install all keystones before proceeding with reinforcing placement
3. Firmly secure reinforcing bars beneath the keystones retainers. No ties are required for bars locked by the keystones

4. Install all bars in one direction first

Reinforcing mesh omitted for clarity

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PODS LAYOUT DETAIL - XPOD 215/750

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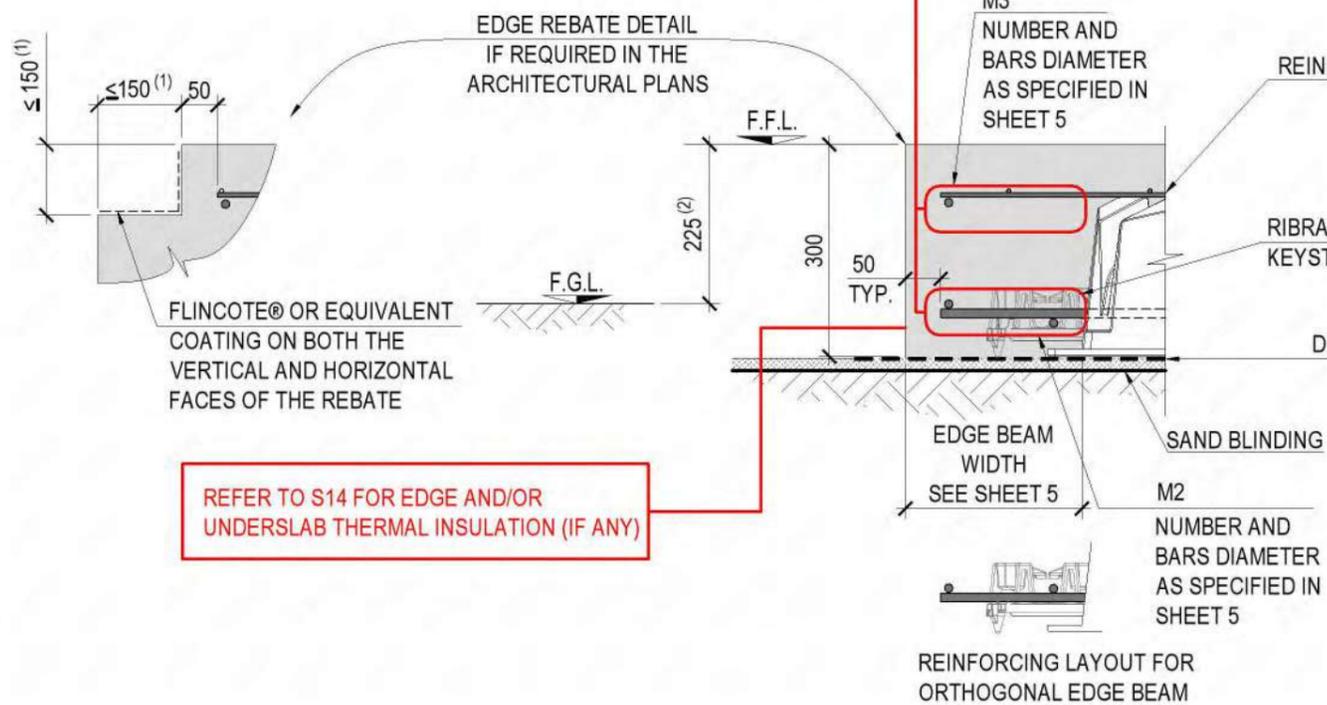
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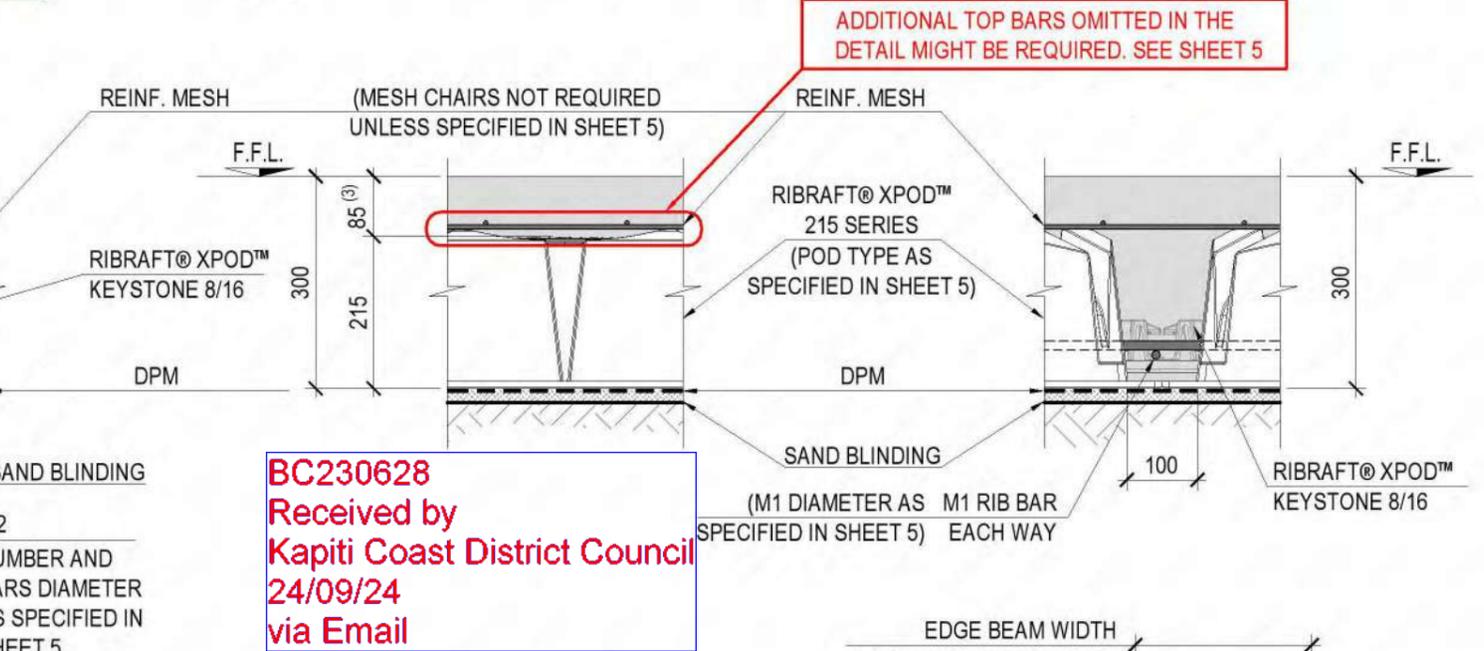
S6

SHEET

1 FOUNDATION EDGE
1:10 - TYPICAL DETAIL

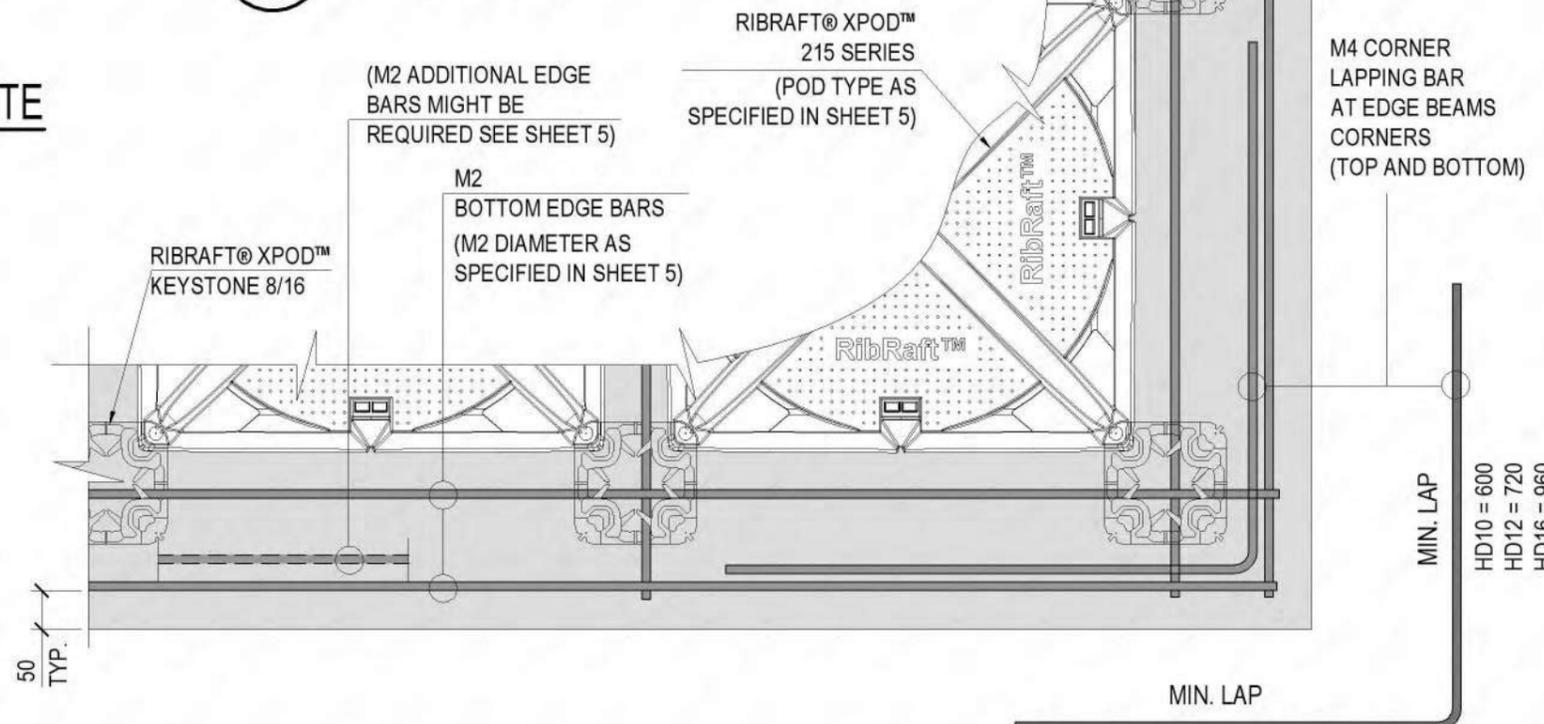


2 FOUNDATION TOP
1:10 - TYPICAL DETAIL

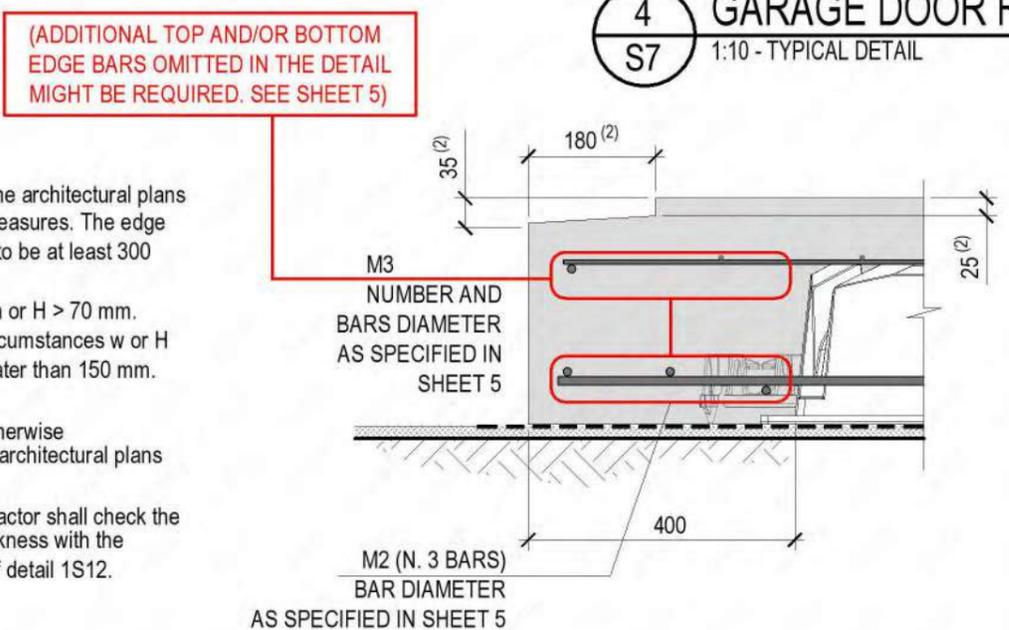


3 INTERNAL RIB
1:10 - TYPICAL DETAIL

5 FOUNDATION CORNER
1:10 - TYPICAL DETAIL



4 GARAGE DOOR REBATE
1:10 - TYPICAL DETAIL



NOTES:

(1) Refer to the architectural plans for rebate measures. The edge beam width to be at least 300 mm if W > 120 mm or H > 70 mm. Under no circumstances w or H shall be greater than 150 mm.

(2) Unless otherwise noted in the architectural plans

(3) The contractor shall check the top slab thickness with the provisions of detail 1S12.

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EDGE BEAMS AND RIBS DETAILS

1:10 A3

S7

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1 **EDGE BEAM WIDTH**
 S8 1:10 - TYPICAL DETAIL

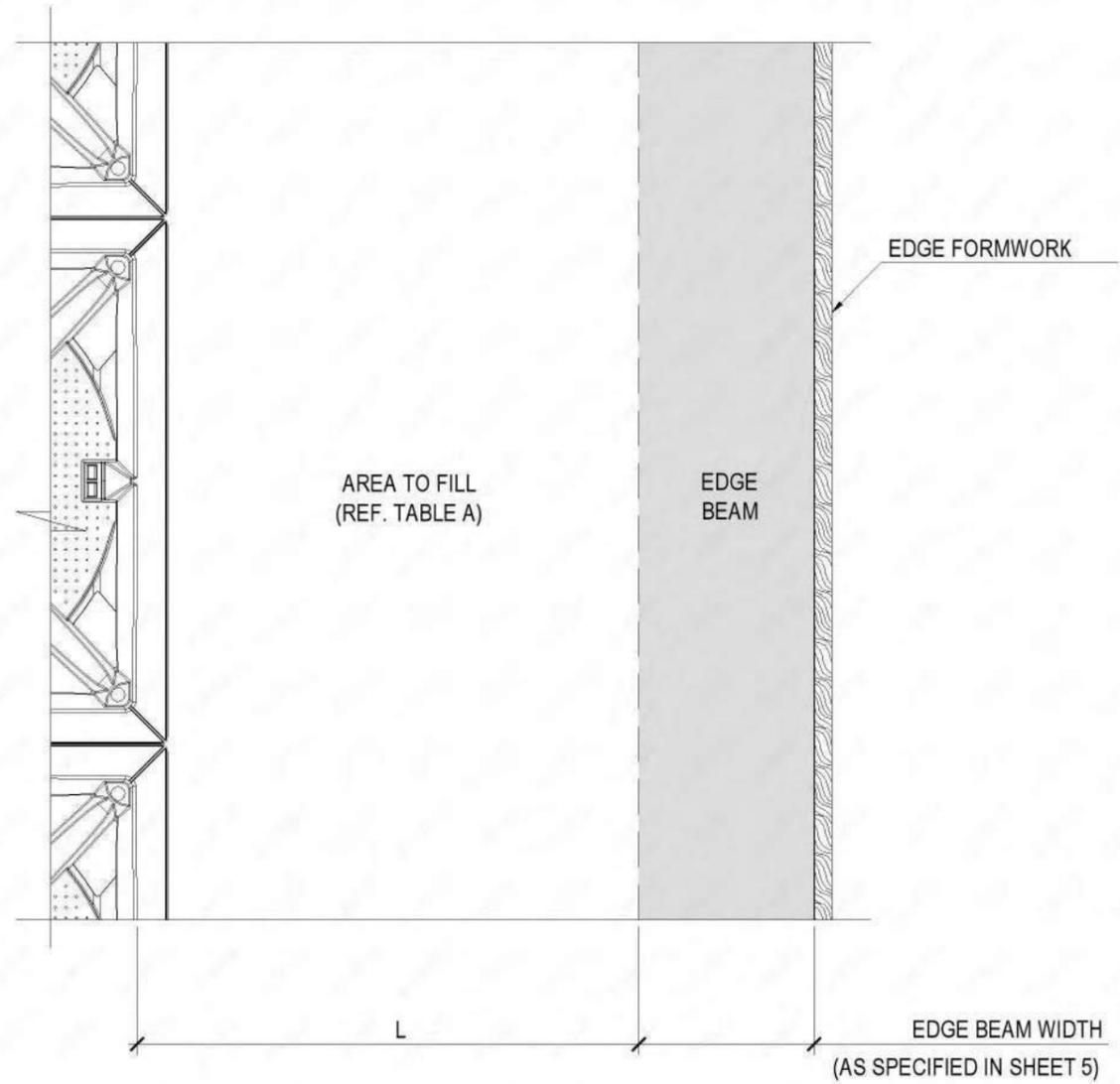


TABLE A	
L (mm)	RECOMMENDED SOLUTION FOR AREA TO FILL
50	FILL WITH SOLID CONCRETE (EDGE BEAM WIDTH INCREASES BY 50 mm)
100	FILL WITH SOLID CONCRETE (EDGE BEAM WIDTH INCREASES BY 100 mm)
150	- REMOVE 1 FULL POD - PLACE 2 MINIPODS - EXTEND EXTERNAL MINIPOD BY 100 mm WITH 1 ADJ POD
200	- REMOVE 1 FULL POD - PLACE 2 MINIPODS - EXTEND EXTERNAL MINIPOD BY 150 mm WITH 1 ADJ POD
250	- REMOVE 1 FULL POD - PLACE 2 MINIPODS - EXTEND EXTERNAL MINIPOD BY 200 mm WITH 1 ADJ POD
300	- REMOVE 1 FULL POD - PLACE 2 MINIPODS - EXTEND EXTERNAL MINIPOD BY 250 mm WITH 1 ADJ POD
350	- REMOVE 1 FULL POD - PLACE 2 MINIPODS - EXTEND EXTERNAL MINIPOD BY 300 mm WITH 1 ADJ POD
400	- PLACE 1 MINIPOD
450	- PLACE 1 MINIPOD (EDGE BEAM WIDTH INCREASES BY 50 mm)
500	- PLACE 1 MINIPOD - EXTEND THE MINIPOD BY 100 mm WITH 1 ADJ POD
550	- PLACE 1 MINIPOD - EXTEND THE MINIPOD BY 150 mm WITH 1 ADJ POD
600	- PLACE 1 MINIPOD - EXTEND THE MINIPOD BY 200 mm WITH 1 ADJ POD
650	- PLACE 1 MINIPOD - EXTEND THE MINIPOD BY 250 mm WITH 1 ADJ POD
700	- PLACE 1 MINIPOD - EXTEND THE MINIPOD BY 300 mm WITH 1 ADJ POD

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PLAN VIEW

1:10

NOTE: Reinforcing mesh omitted for clarity

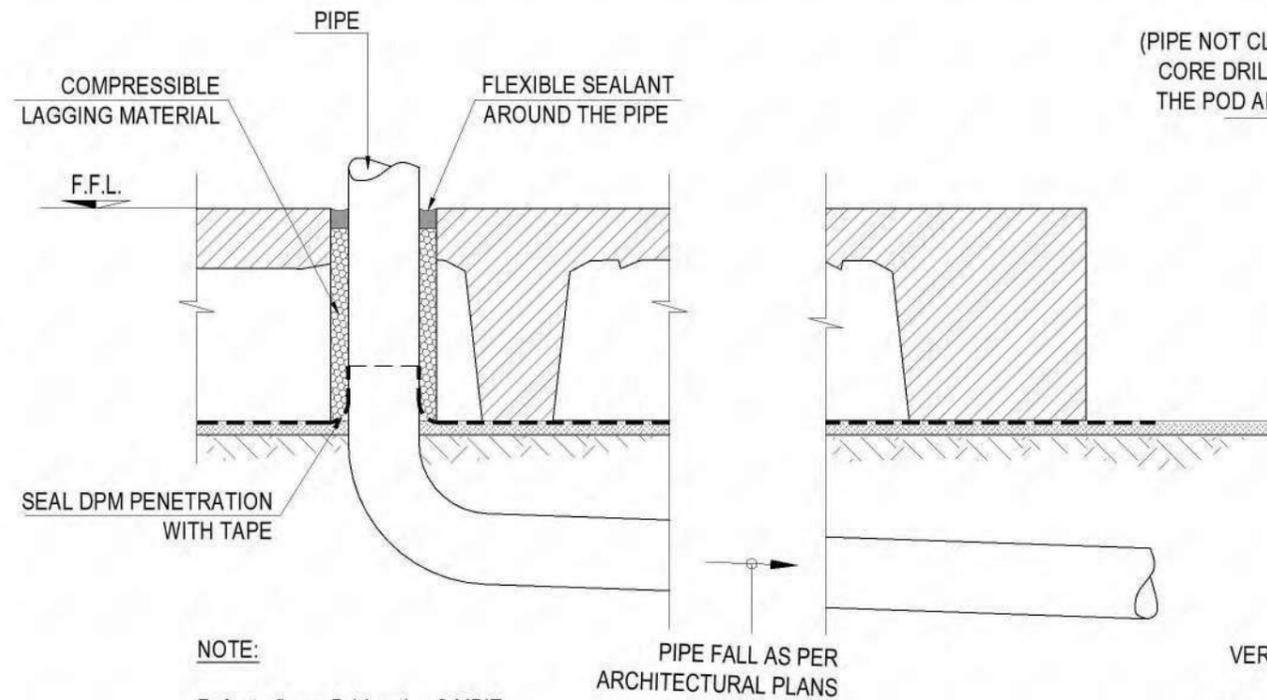
SECTION ALONG THE PIPE LINE

1:10

VERTICAL PENETRATION THROUGH THE SLAB (PIPE NOT CLASHING WITH A RIB): CORE DRILL A POD OR REMOVE THE POD AND PLACE A MINIPOD

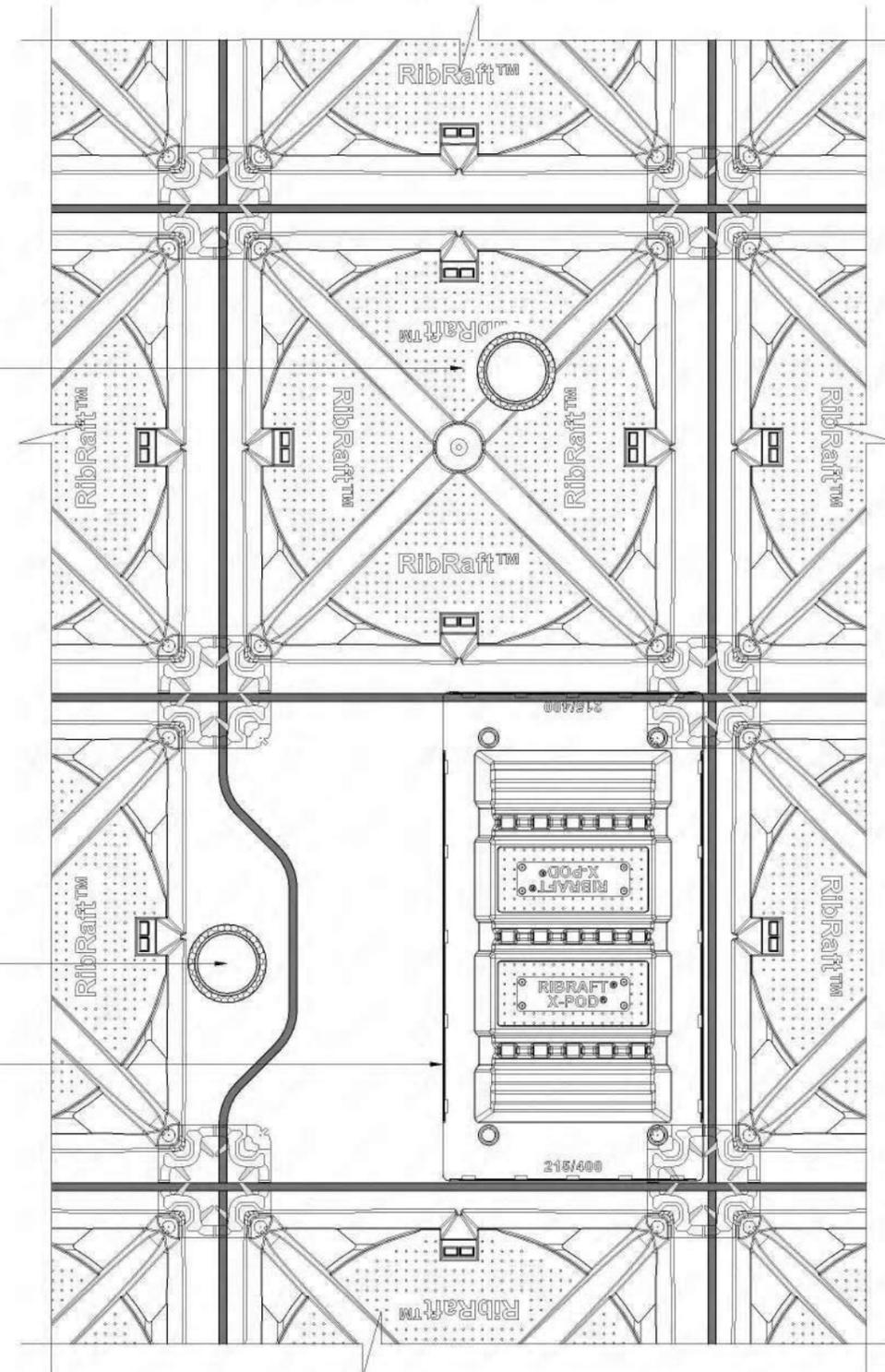
VERTICAL PENETRATION THROUGH THE SLAB (PIPE CLASHING WITH A RIB): PLACE A MINIPOD

MINIPOD



NOTE:

Refer to figure 5.14 option 2 MBIE Part A : Technical guidance



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SERVICES DETAILS - OPTION 1

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S9

SHEET

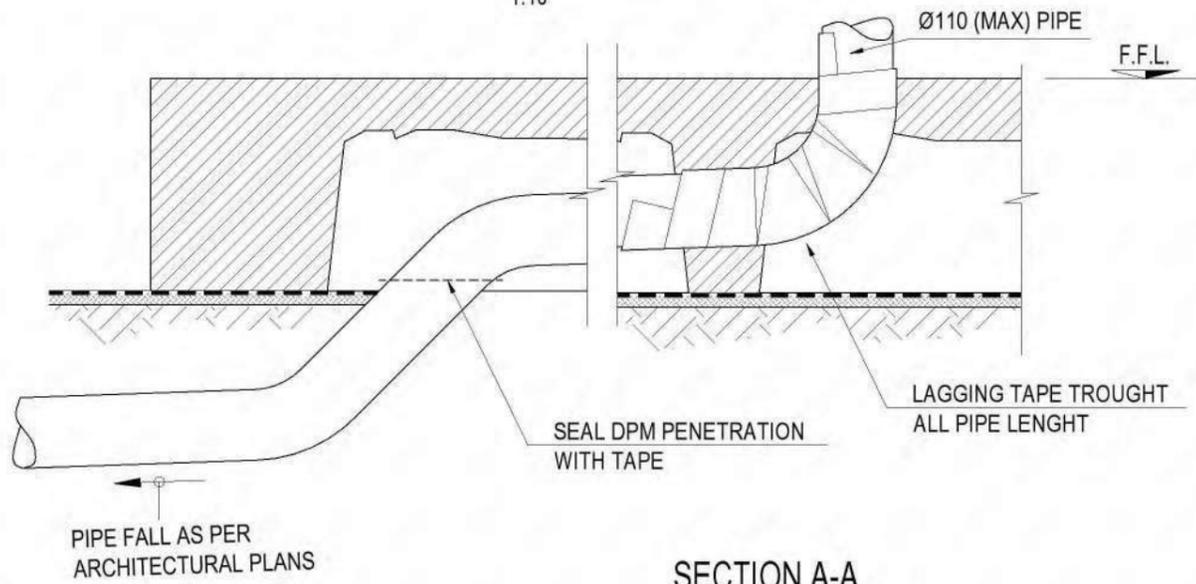
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S10 1:10 - TYPICAL DETAIL

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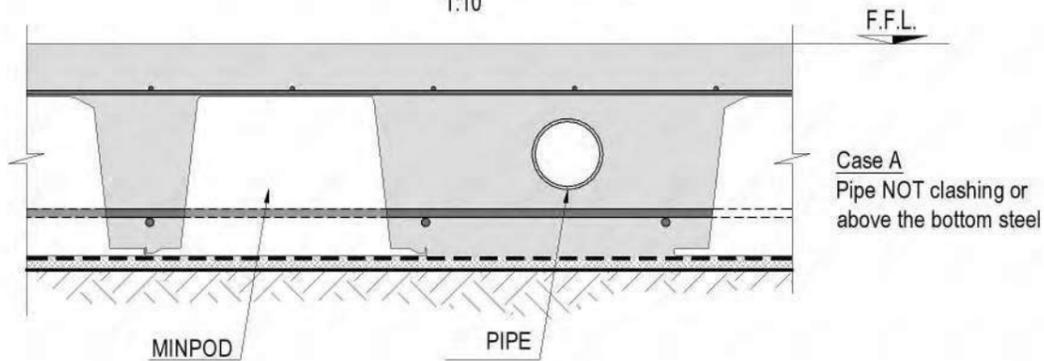
PLAN VIEW
1:10

NOTE: Reinforcing mesh omitted for clarity

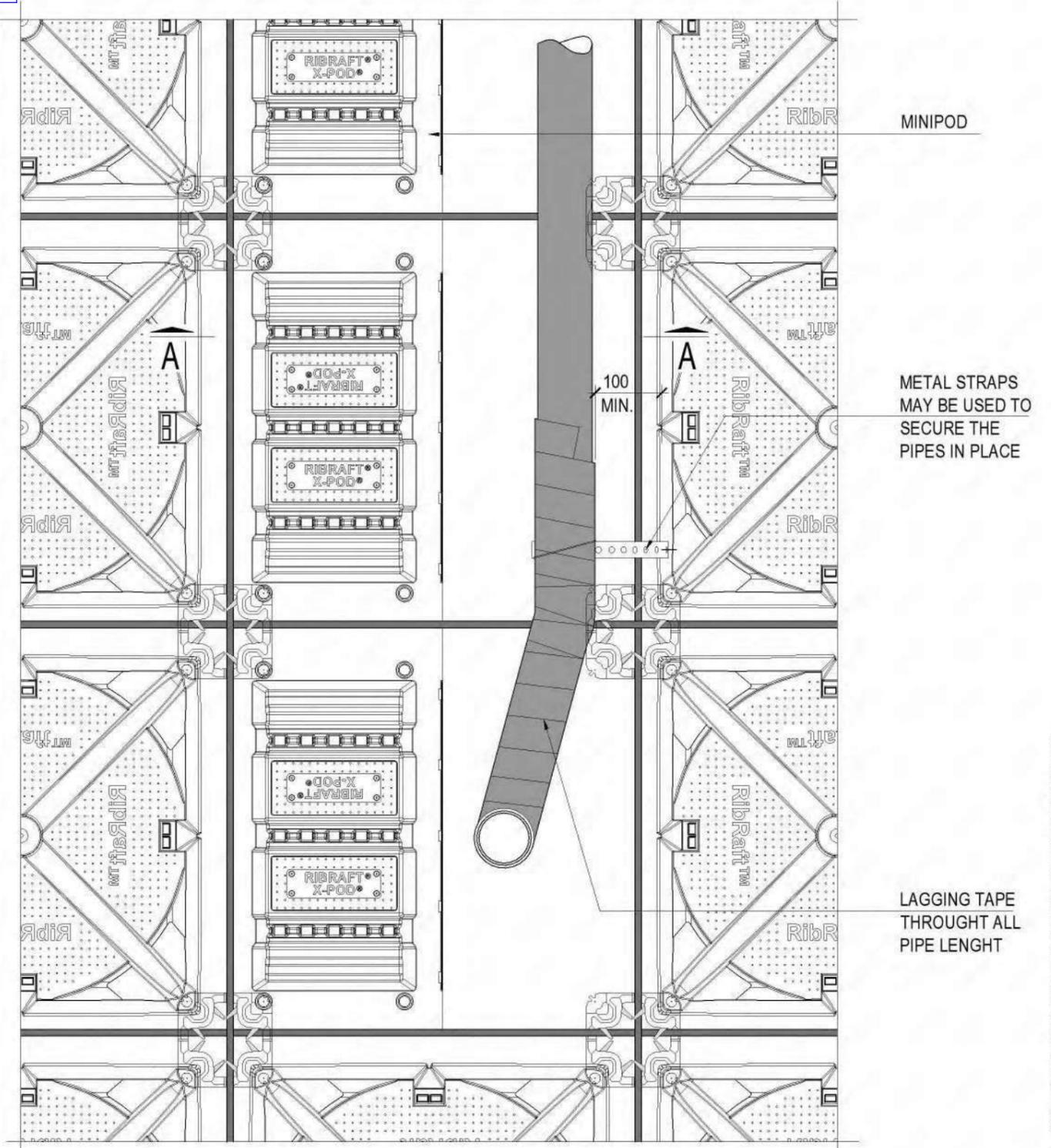
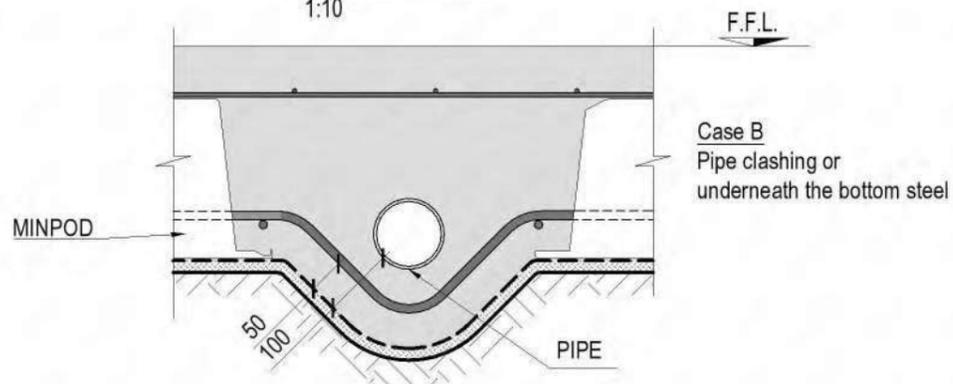
SECTION ALONG THE PIPE LINE
1:10



SECTION A-A
1:10



SECTION A-A
1:10



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SERVICES DETAILS - OPTION 2

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SHEET

MIN. LAP

MIN. LAP

HD10 = 600
HD12 = 720
HD16 = 960

250

350

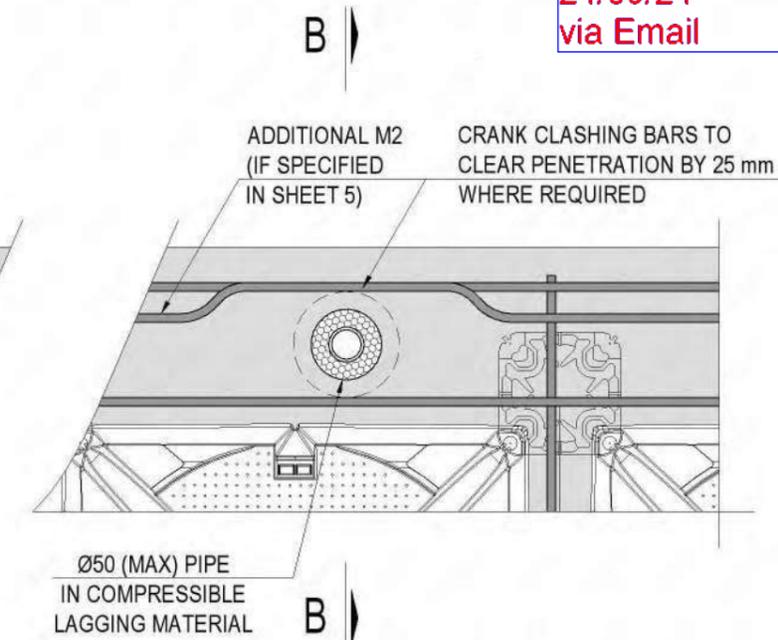
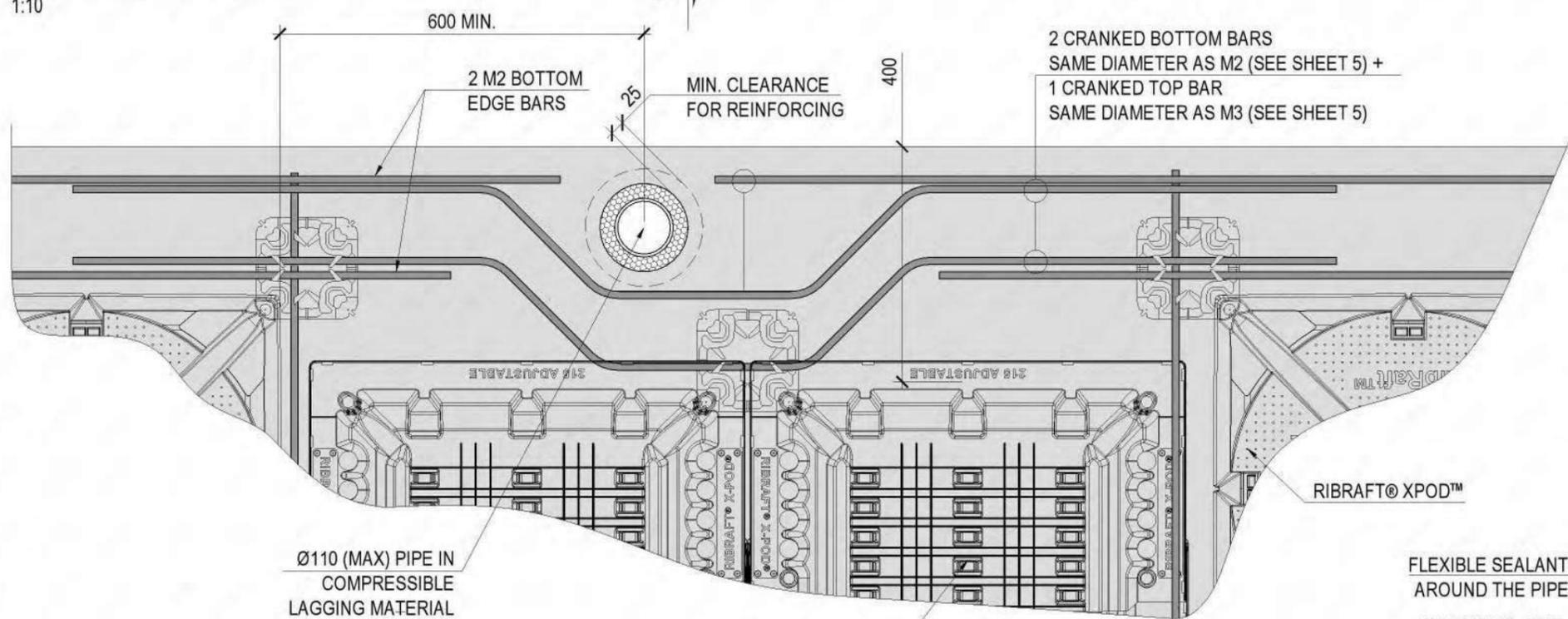
1 VERTICAL PENETRATIONS

S11 1:10 - TYPICAL DETAIL

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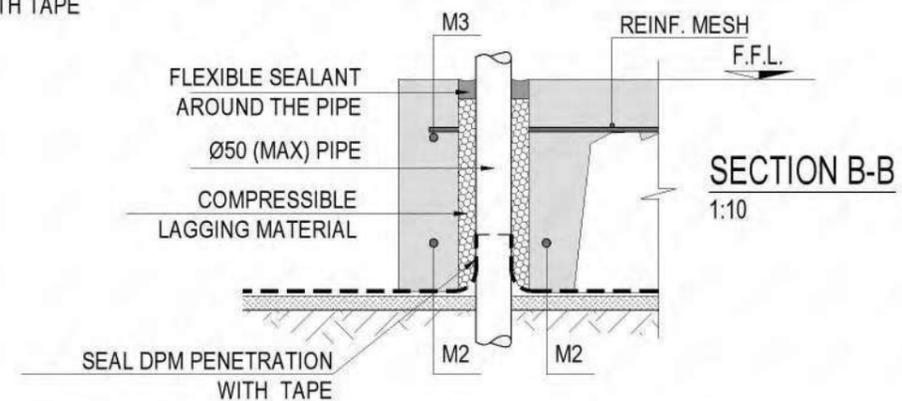
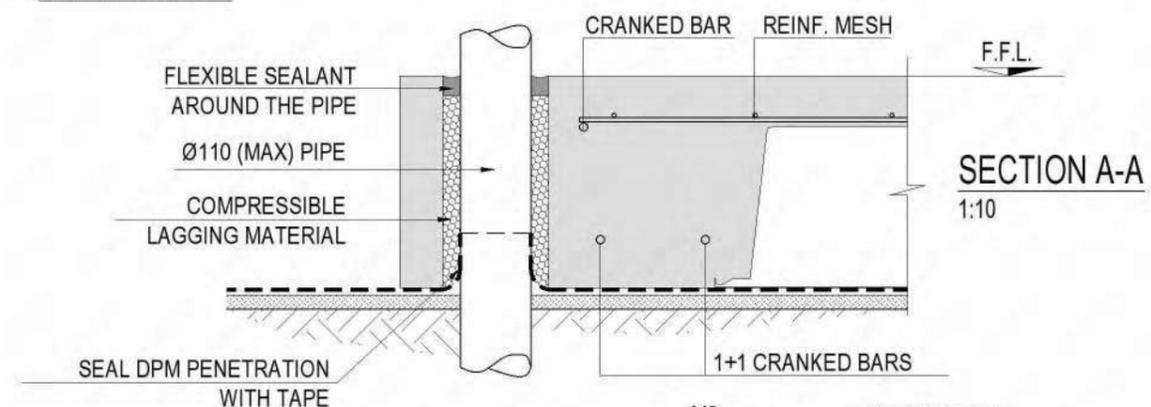
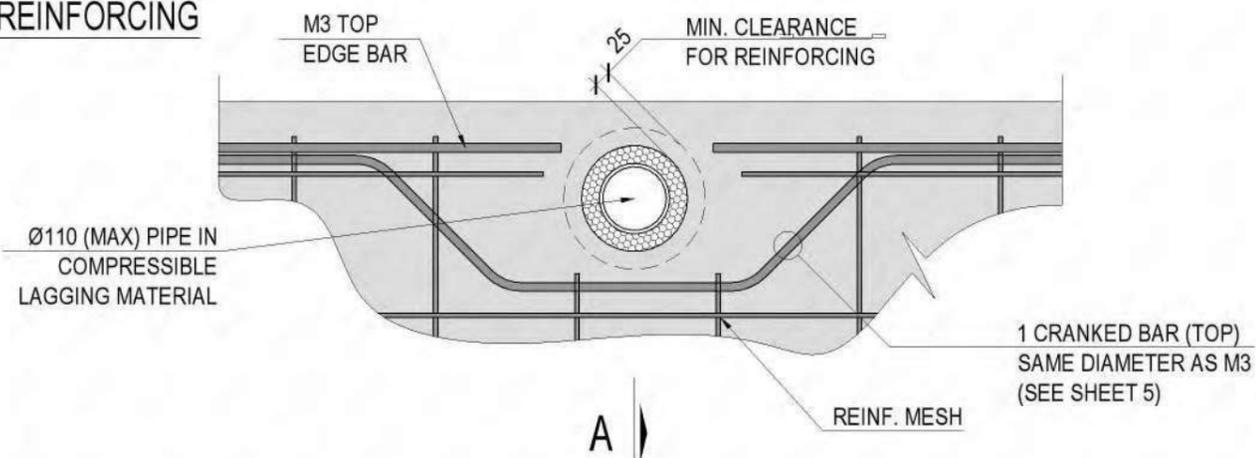
BOTTOM REINFORCING

1:10



TOP REINFORCING

1:10



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VERTICAL PENETRATIONS DETAILS

1:10

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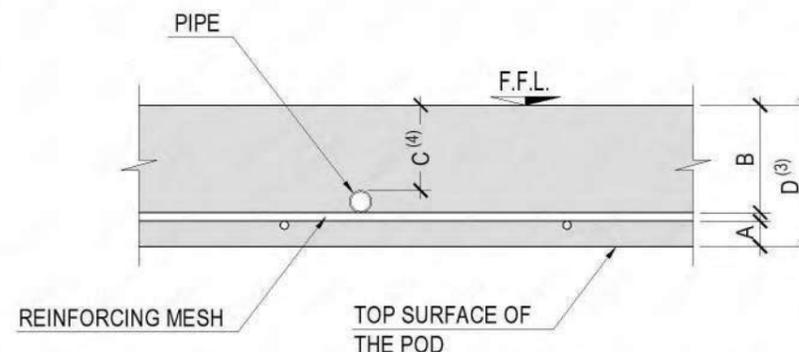
NOTES

- (1) Check requirements with the architect
- (2) Underfloor Heating Pipes Diameter = 16 mm
The contractor shall always check with the installer of the underfloor heating system the compliance of this detail before commencing the works.
- (3) The top slab thickness might need to be increased if reinforcing steel bars are used in combination with the reinforcing mesh. Seek advice with Cresco.
- (4) "C" to be at least 40 mm in correspondence of saw cuts.
- (5) No saw cuts are required unless where specified in sheet 5.
- (6) Not required unless specified in sheet 5.
- (7) Depending on the recess requirements.

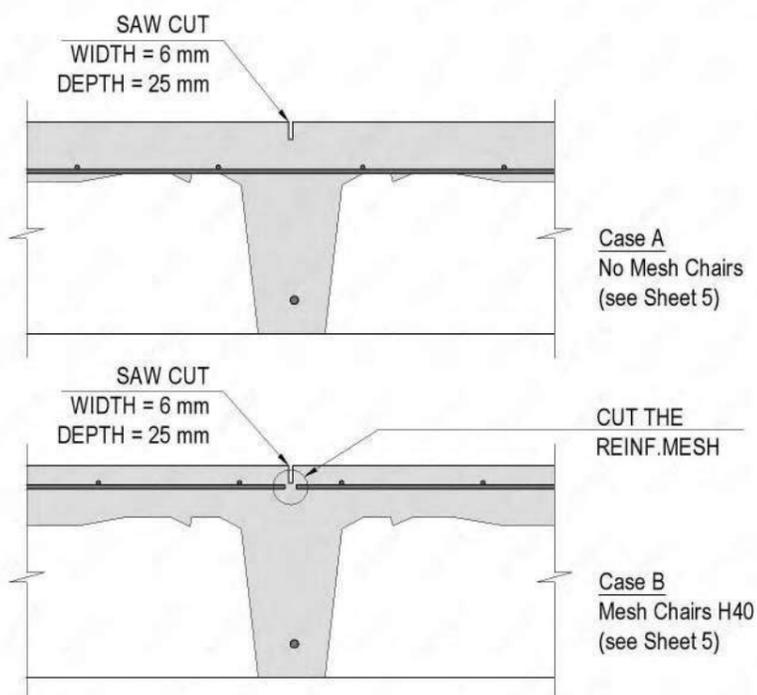
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1 TOP SLAB DEPTH
S12 TYPICAL DETAIL

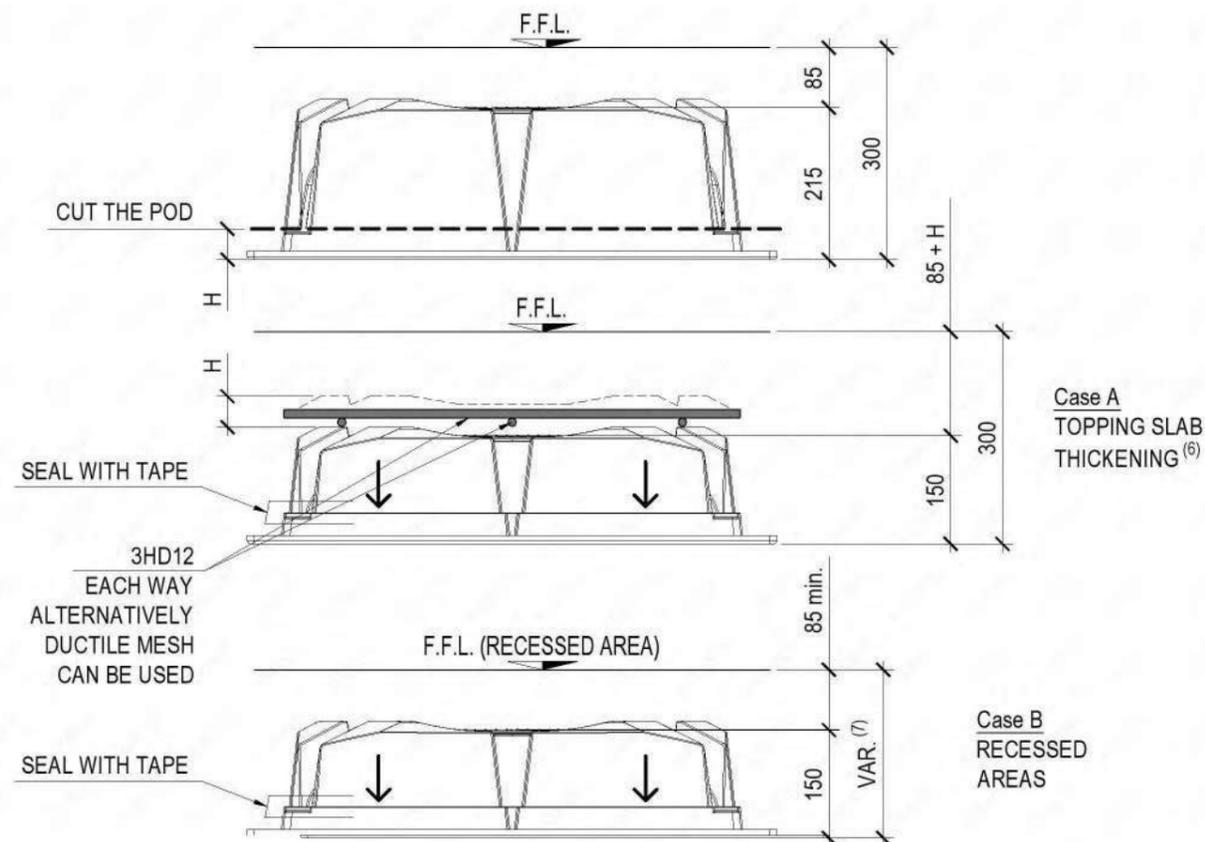
		A (mm)	B (mm)	C (mm)	D (mm)
STANDARD	NO MESH CHAIRS	12	61	N/A	85
	MESH CHAIRS H40	40	33	N/A	85
POLISHED CONCRETE ⁽¹⁾	GRINDING MAX = 3 mm	40	33	N/A	85
	GRINDING MAX = 10 mm	40	43	N/A	95
HYDRONIC UNDERFLOOR HEATING ⁽²⁾	MESH CHAIRS H40	40	63	47	115
POLISHED CONCRETE AND HYDRONIC UNDERFLOOR HEATING	MESH CHAIRS H40	40	63	47	115



2 FLOOR SAW CUT ⁽⁵⁾
S12 1:10 - TYPICAL DETAIL



3 POD DEPTH ADJUSTMENT
S12 1:10 - TYPICAL PROCEDURE



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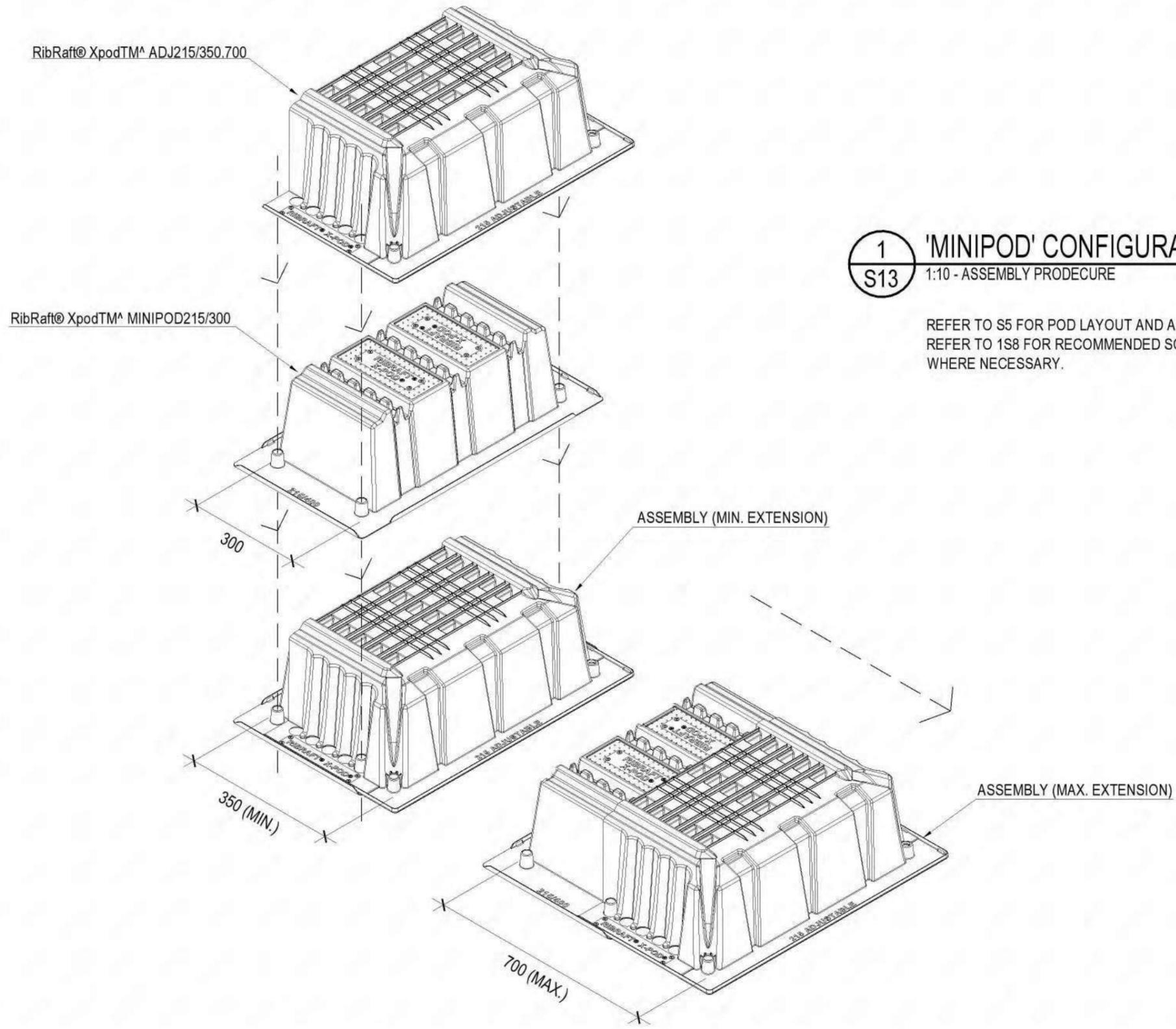
1:10 A3

SCALE FORMAT

S12

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1 'MINIPOD' CONFIGURATIONS
S13 1:10 - ASSEMBLY PRODECURE

REFER TO S5 FOR POD LAYOUT AND ASSEMBLY REQUIREMENTS.
 REFER TO 1S8 FOR RECOMMENDED SOLUTIONS FOR AREAS TO FILL
 WHERE NECESSARY.



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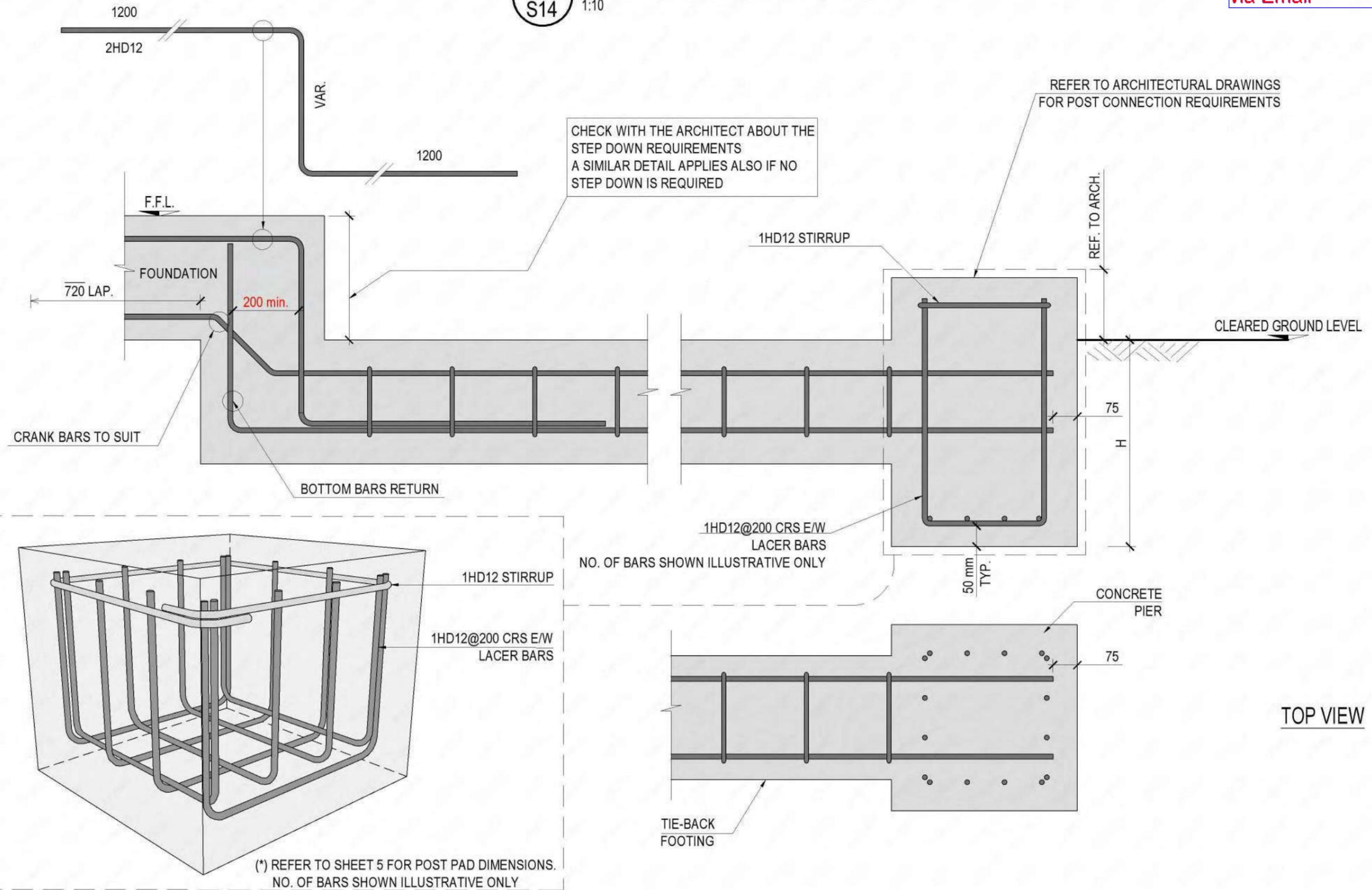
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 SCALE FORMAT

S13

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1
S14 1:10
COLUMNS PAD CONNECTION



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COLUMNS PAD CONNECTION
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SHEET









Inspector: Harvey Mason Date of the visit: 27.11.2023
 Cresco Job Number: 7545 Site Contact Person: Hayden Goodin
 Address as per Cresco plans: lot 42, 110 Ngaraia Recipient/Client (name): Tidy Slab
 Building Consent No: _____ Recipient/Client (email): Goodin@tidyslabs.co.nz

CONSISTENCY BETWEEN PLANS ON SITE AND THE MOST RECENT VERSION OF THE FILES

1. EDGE BEAMS

- 1.01 Width
- 1.02 Bottom and top Reinforcing (number, bars sizes, lapping)
- 1.03 Concrete cover
- 1.04 Rebates size (if any)

CONSISTENT NON CONSISTENT

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

2. INTERNAL RIBS

- 2.01 Bottom and top Reinforcing (number, bars sizes, lapping)

COMPLIANT ACTIONS REQUIRED

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

3. LOAD BEARINGS

- 3.01 Pods layout
- 3.02 Internal stiffening (if any)
- 3.03 Bottom and top Reinforcing (number, bars sizes, lapping)

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

4. REINFORCING MESH

- 4.01 Type
- 4.02 Mesh Chairs (if required)
- 4.03 Mesh lapping (225 mm min.)

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

5. CRACK CONTROL BARS

- 5.01 Type and layout

COMPLIANT ACTIONS REQUIRED

6. TOP SLAB

- 6.01 Depth
- 6.02 Shower rebates layout and geometry (if any)

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

7. PIPE PENETRATIONS

- 7.01 Compliance with design details

COMPLIANT ACTIONS REQUIRED

8. DPM

- 8.01 DPM installation (where visible)

COMPLIANT ACTIONS REQUIRED

9. POST-FIXED ANCHORS

- 9.01 Recessed pods at 15 kN hold down locations (if applicable)
- 9.02 No edge insulation at 15 kN hold down (if applicable)
- 9.03 Max 25 mm thk. edge insulation (if applicable)

COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED
 COMPLIANT ACTIONS REQUIRED

- COMPLIANT - PENDING ENGINEER APPROVAL
- WAITING FOR PHOTOS FROM THE BUILDER
- FAILED - ANOTHER VISIT IS REQUIRED

APPROVED BY ENGINEER

IMPORTANT:
 The contractor acknowledges that Cresco requires a Soil Cut / Pile Report before issuing a PS4

Notes:

Western footings and steel work not complete. (Not involved with The slab work).

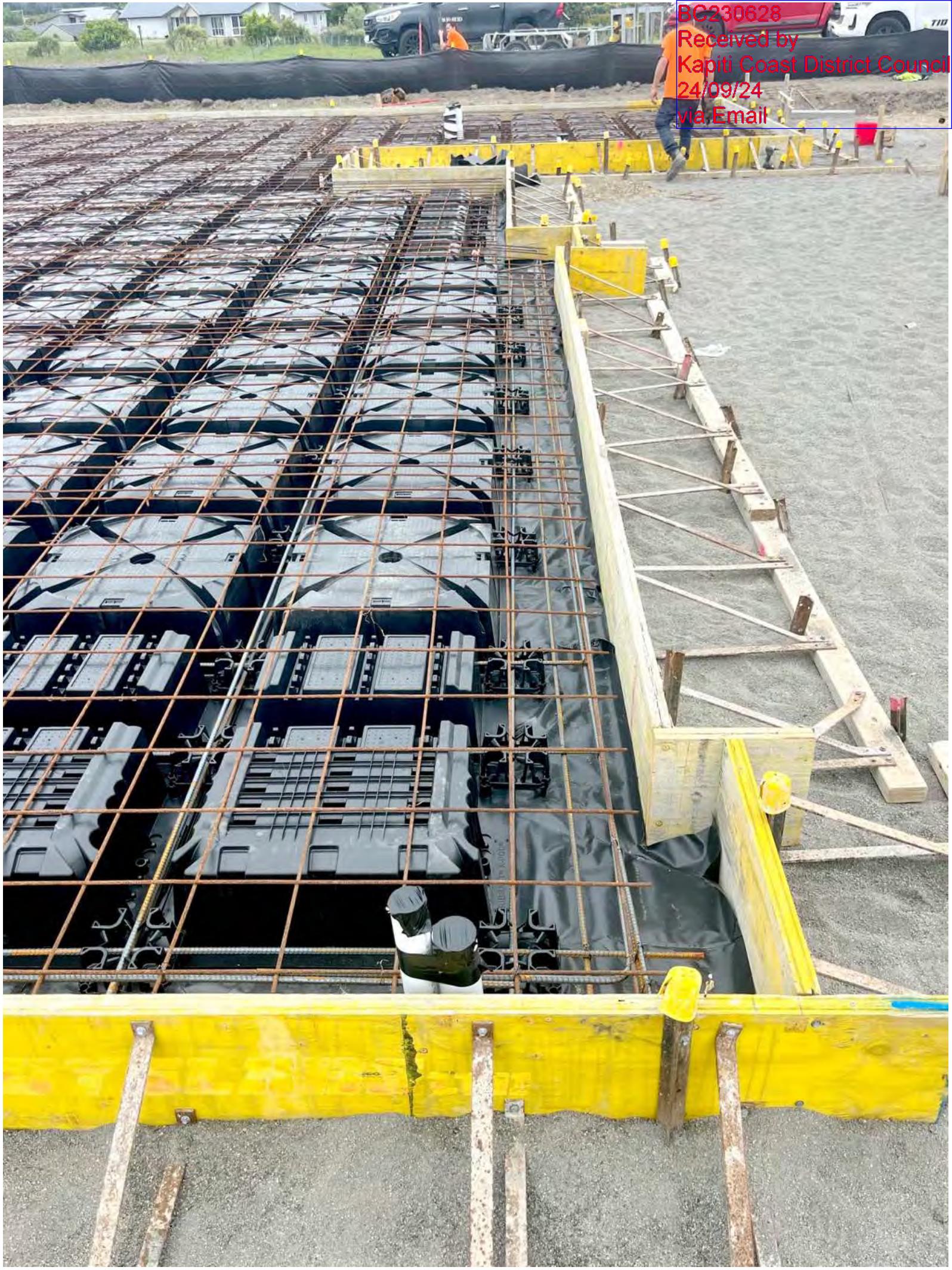
provide photos of tie back connection and photos of additional top bars in place.
 Photos have been provided. ok to pour

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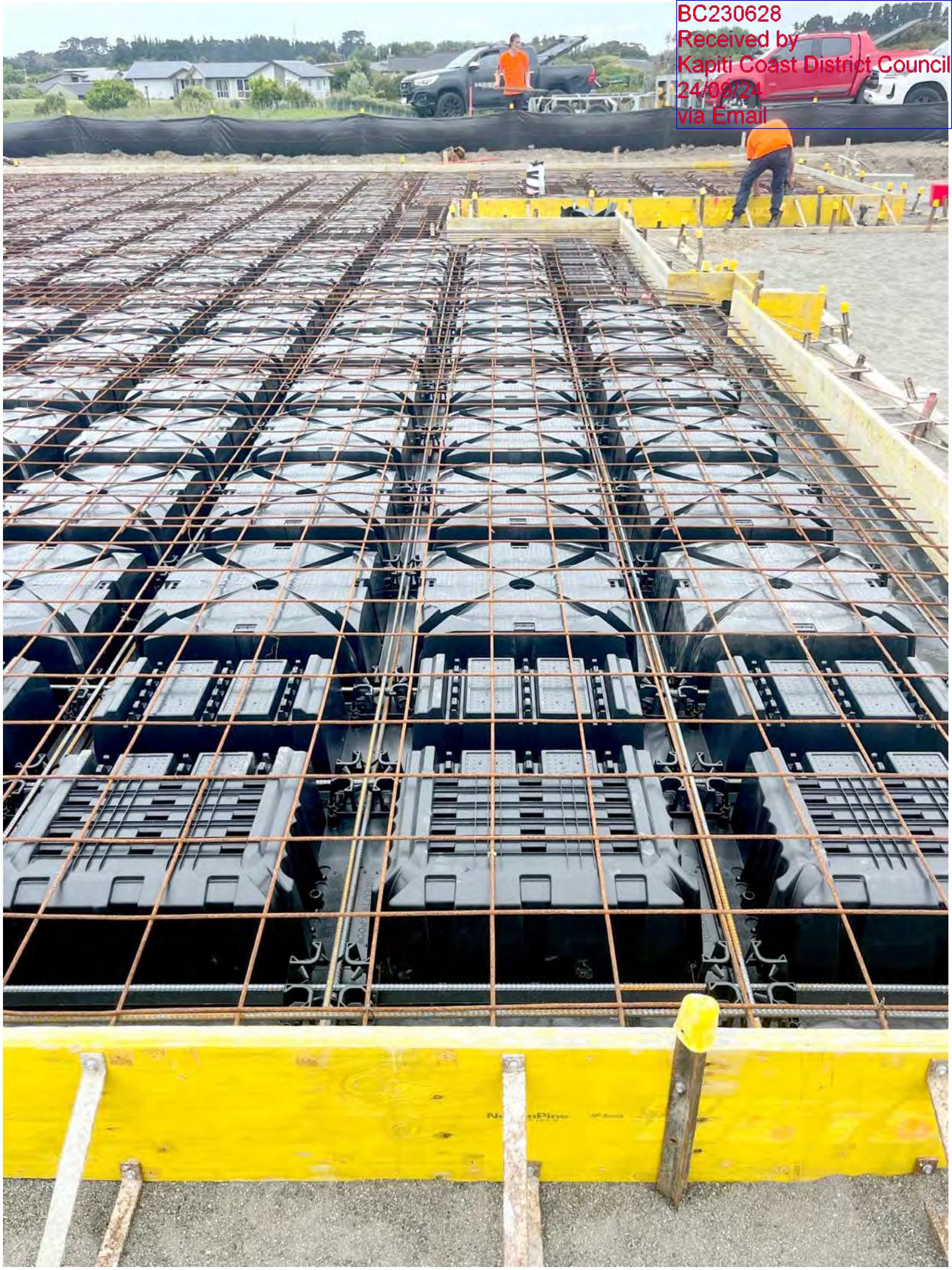
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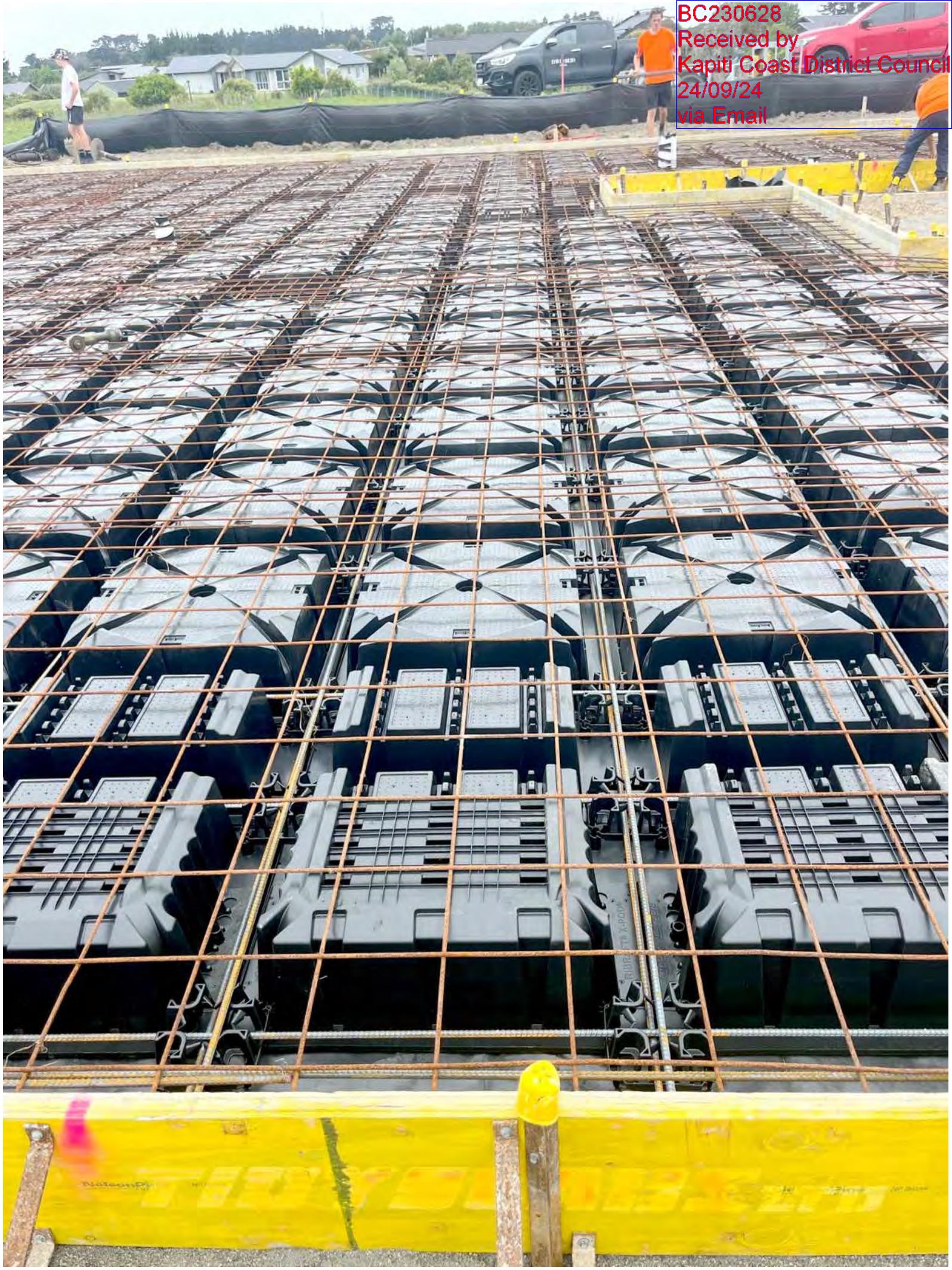
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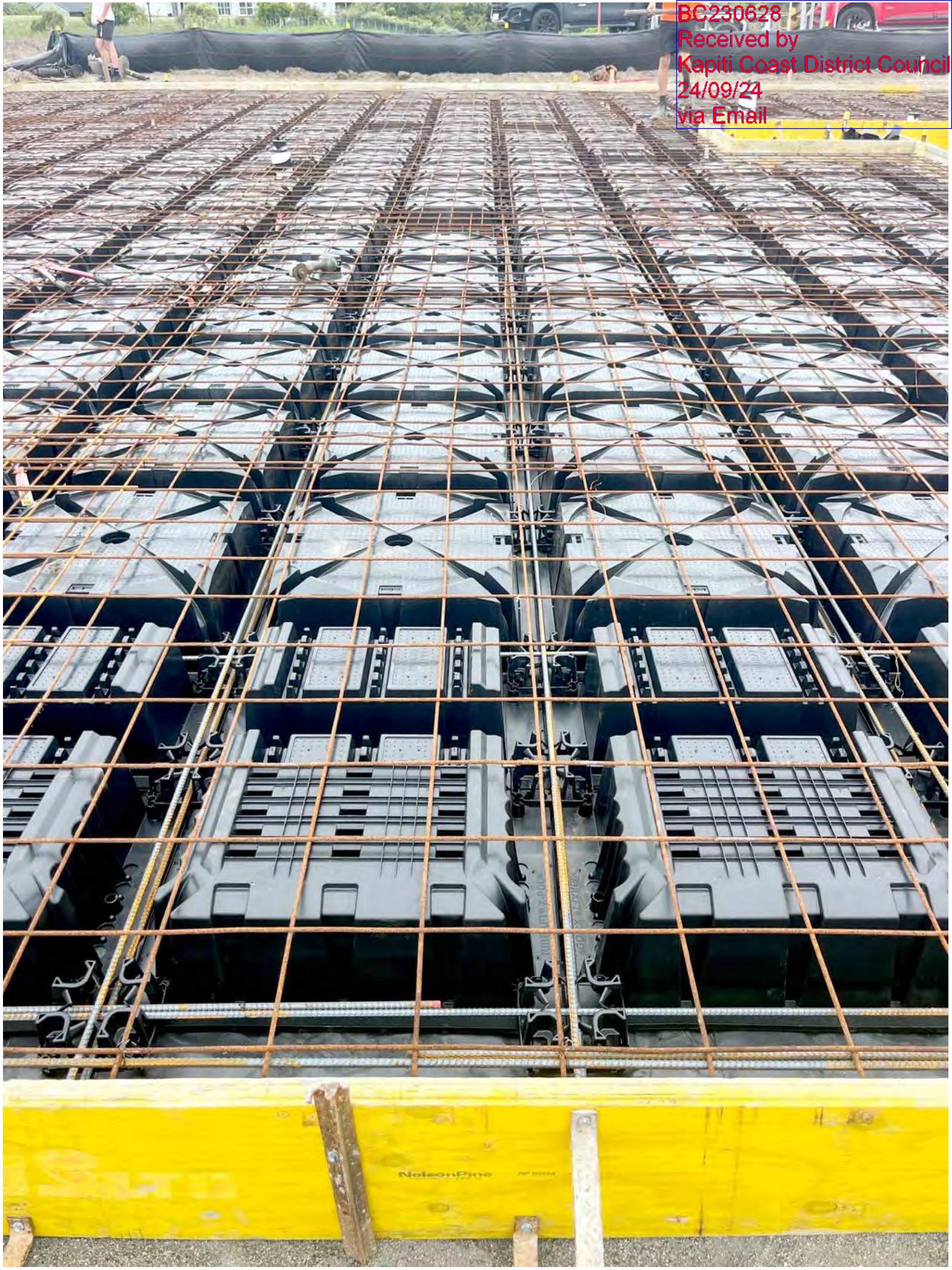
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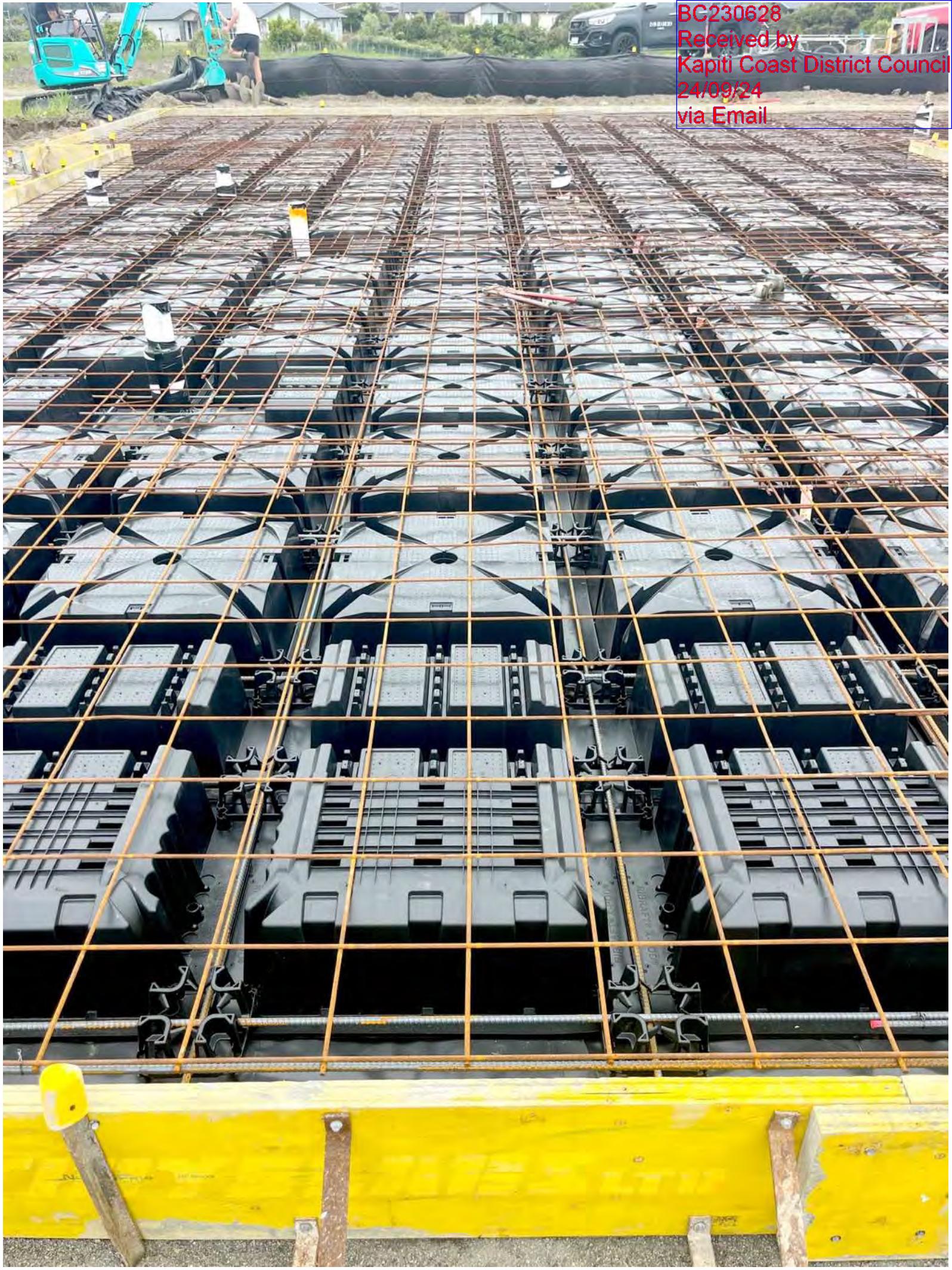


NelsonPine

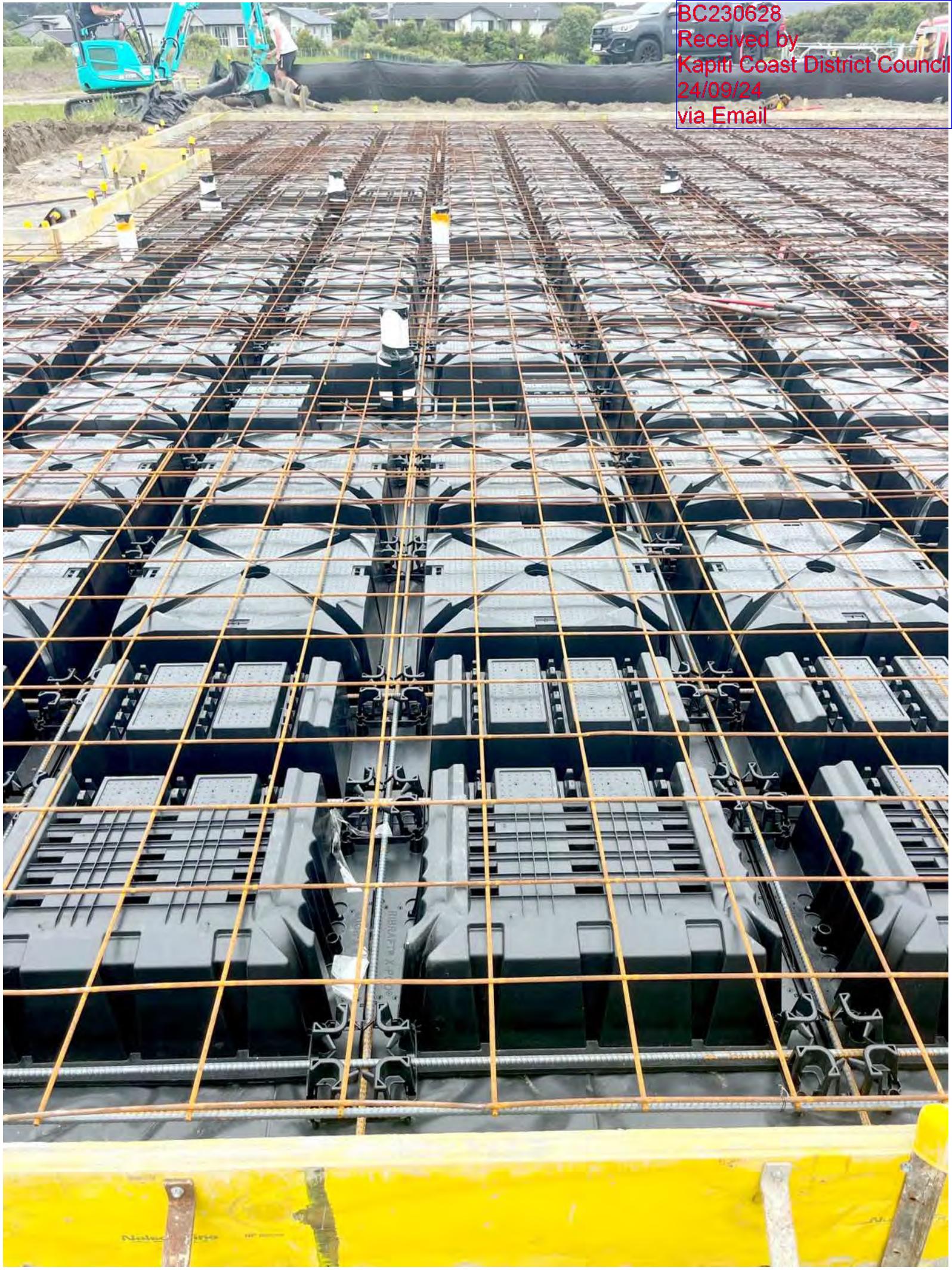
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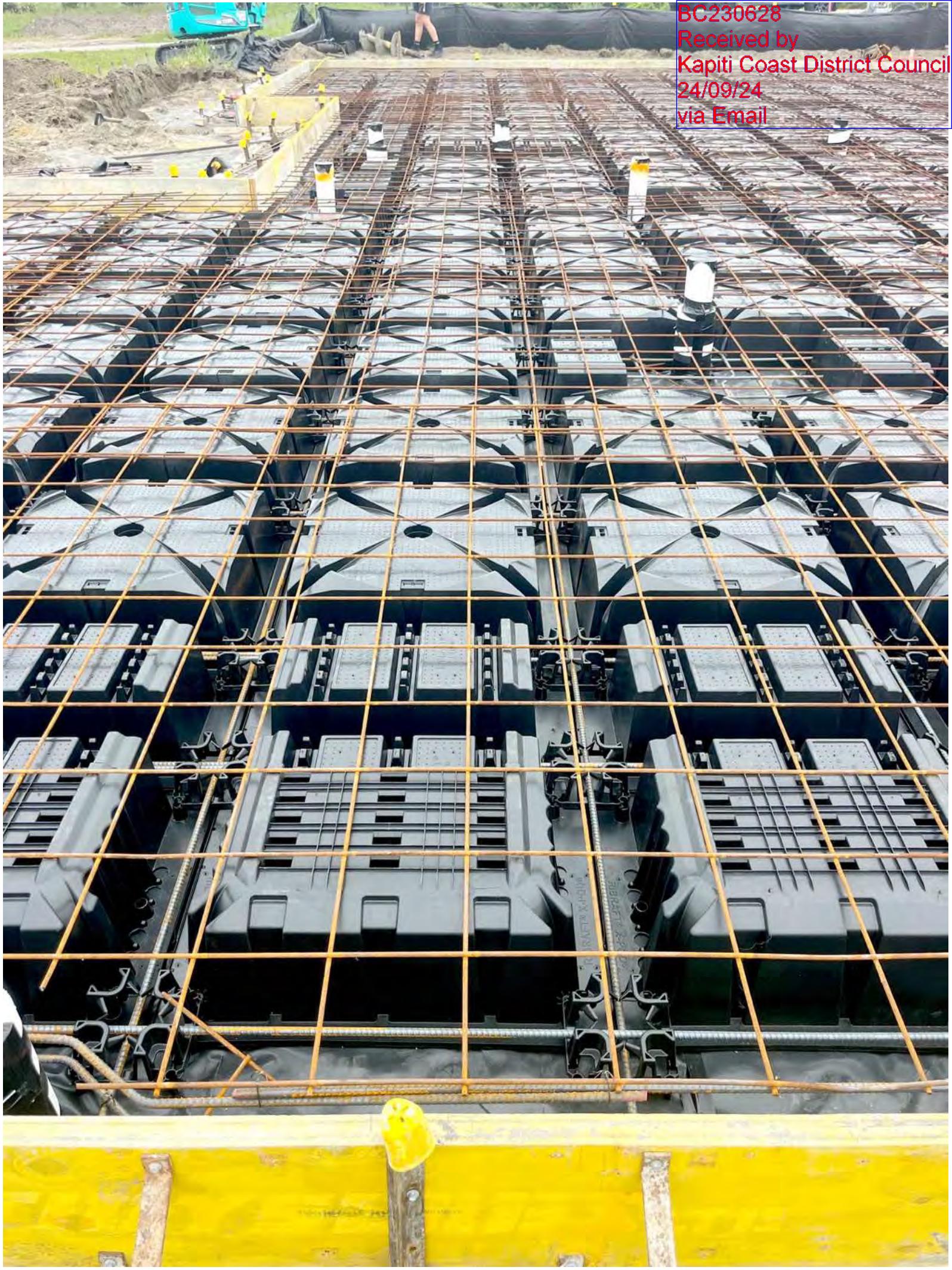
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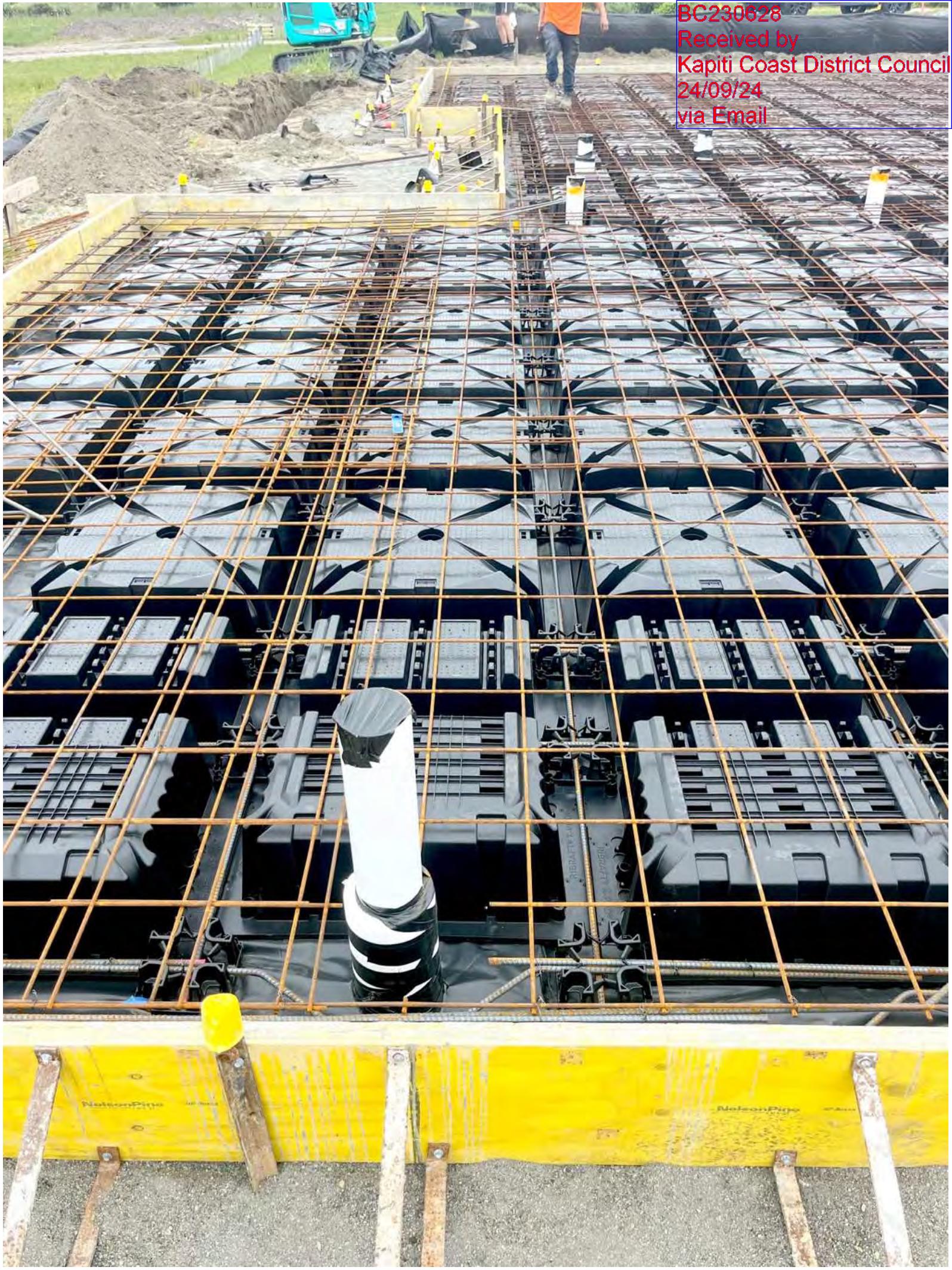
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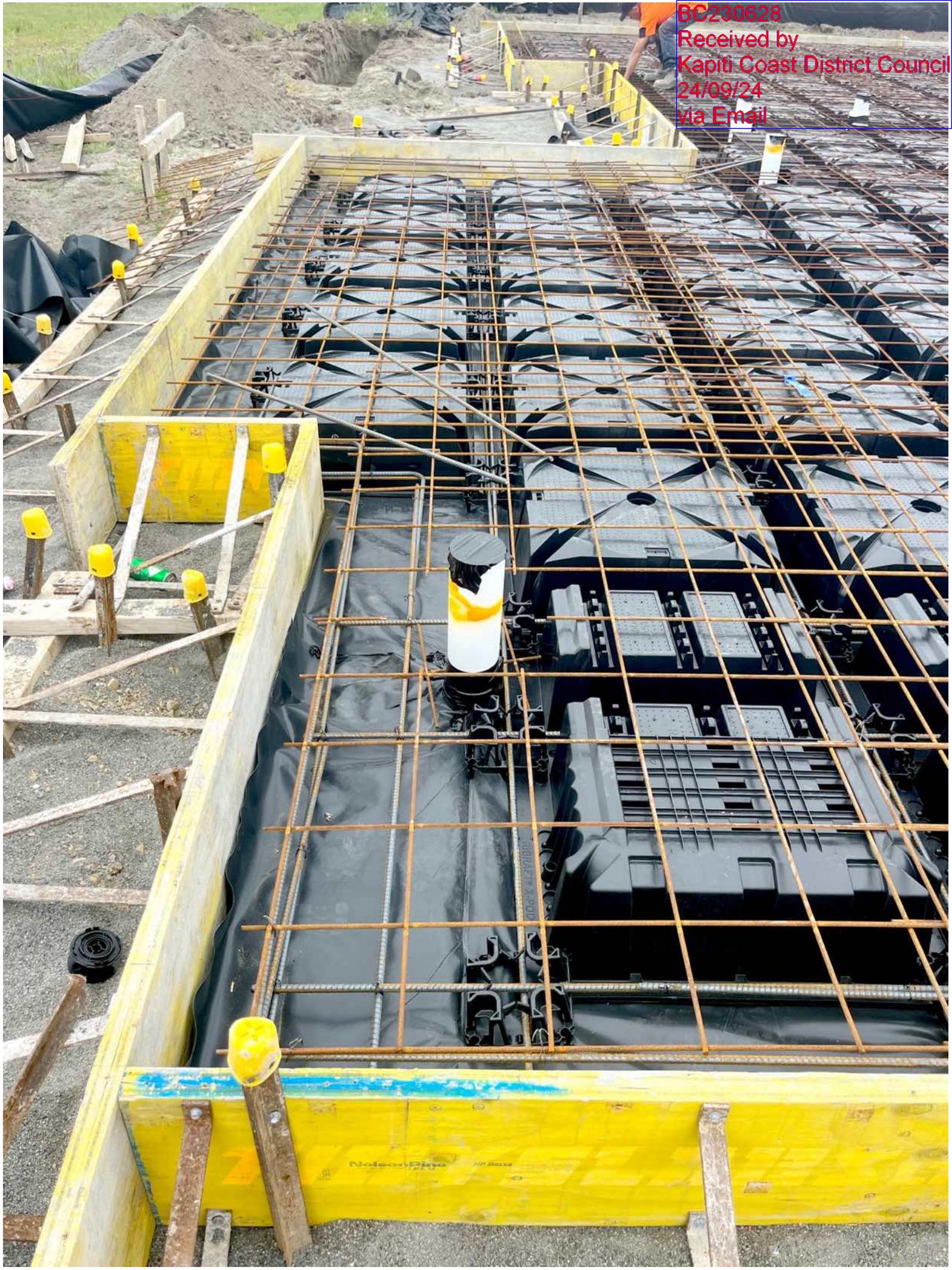
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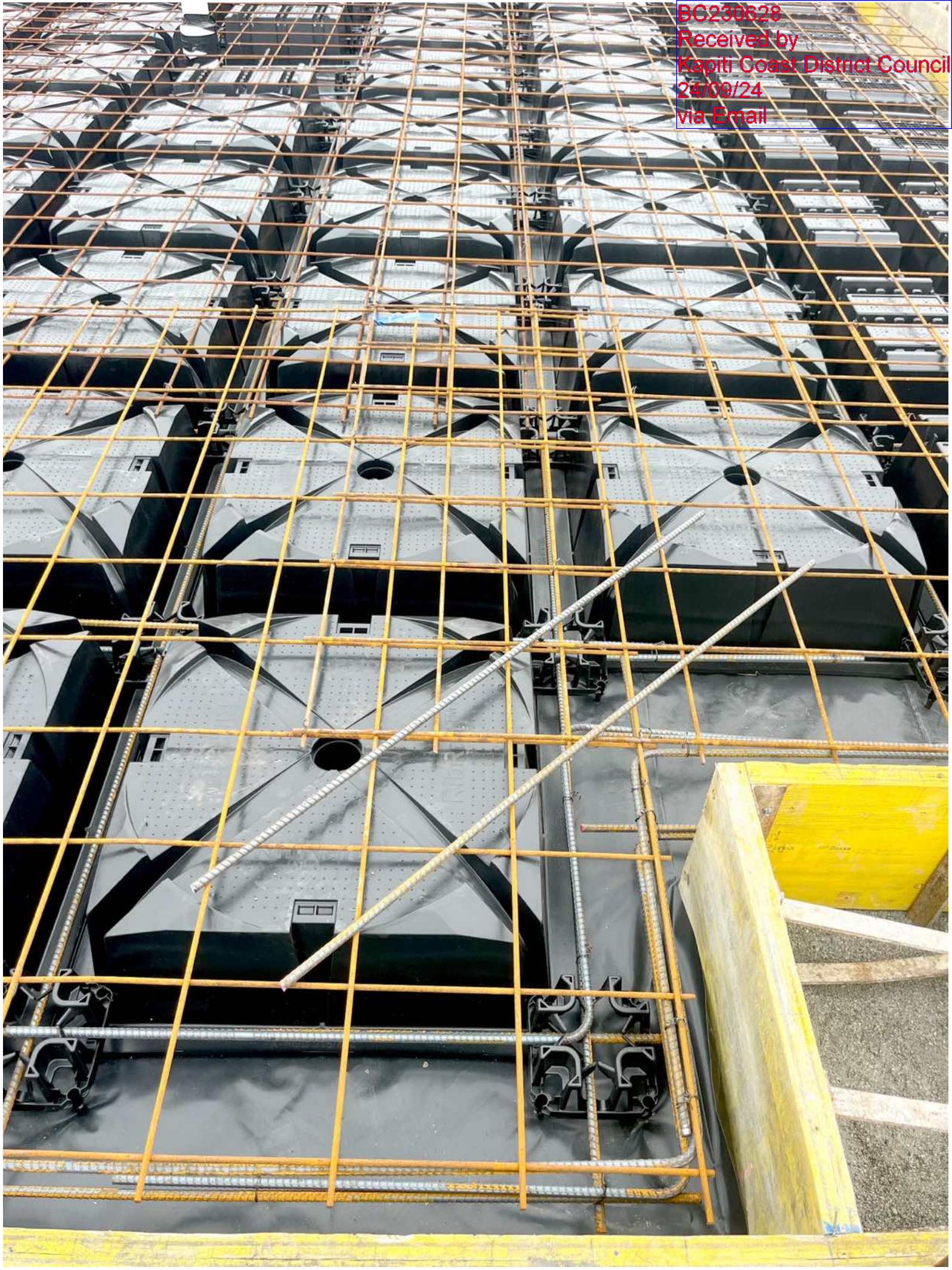
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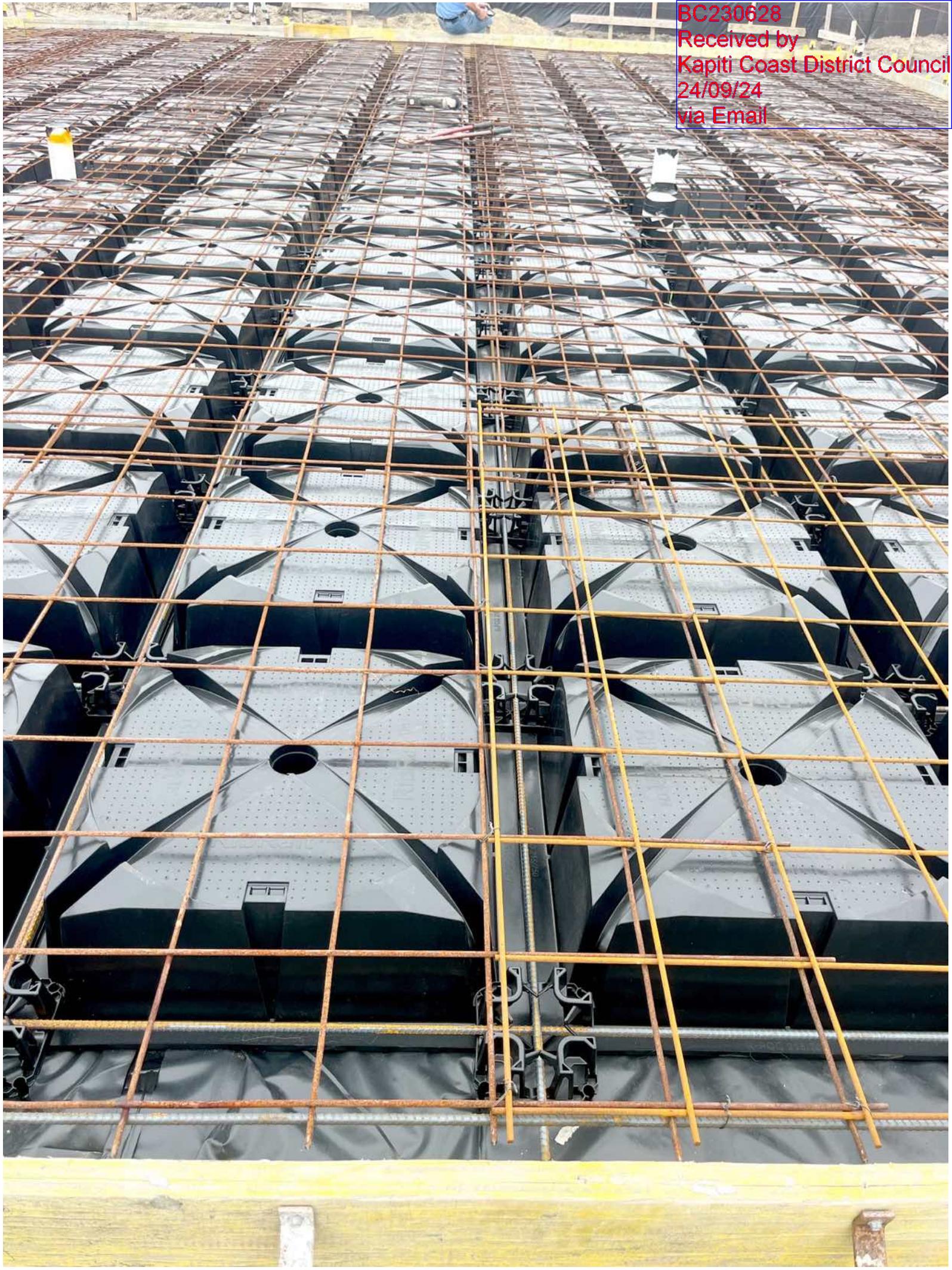
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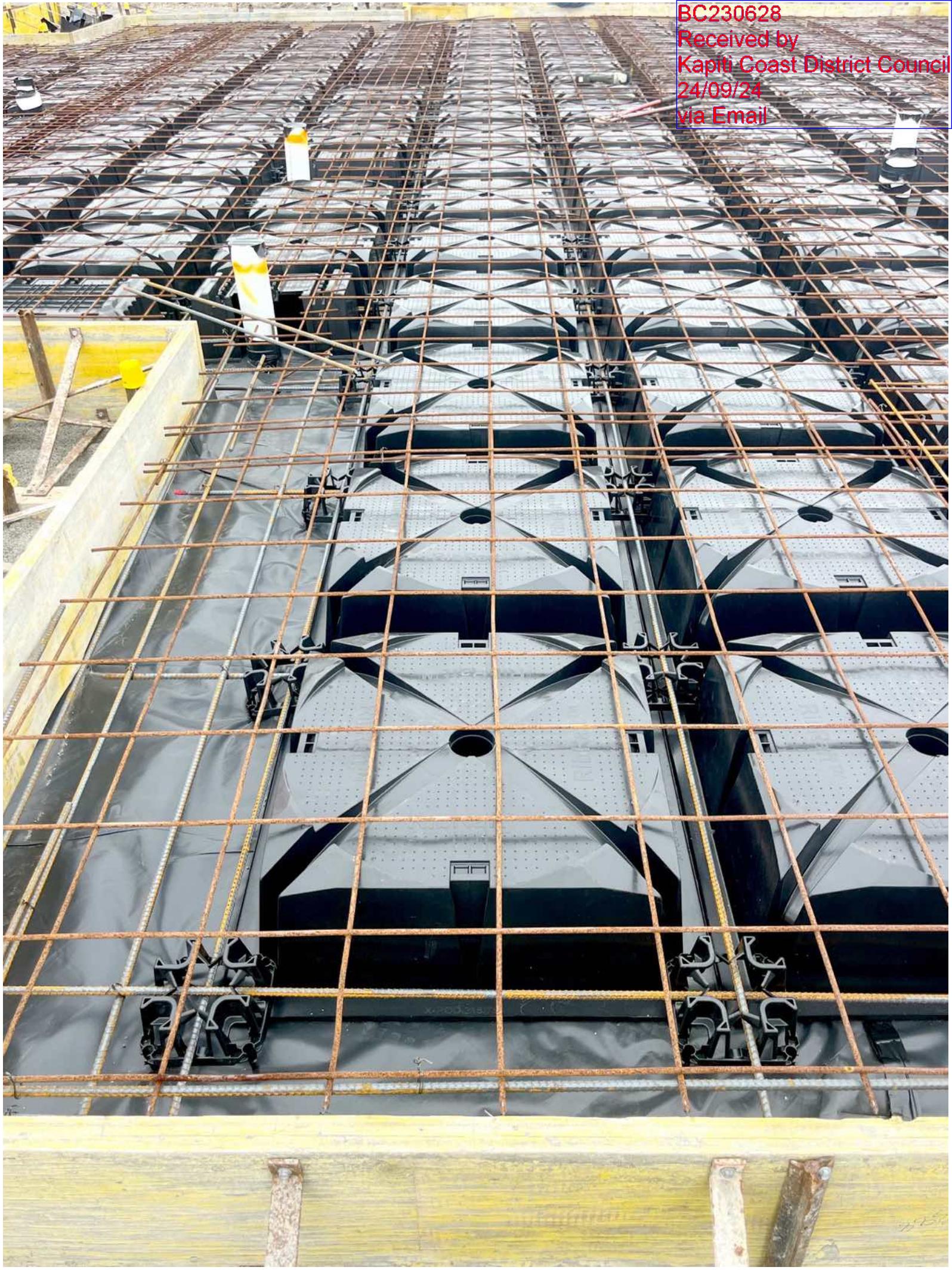
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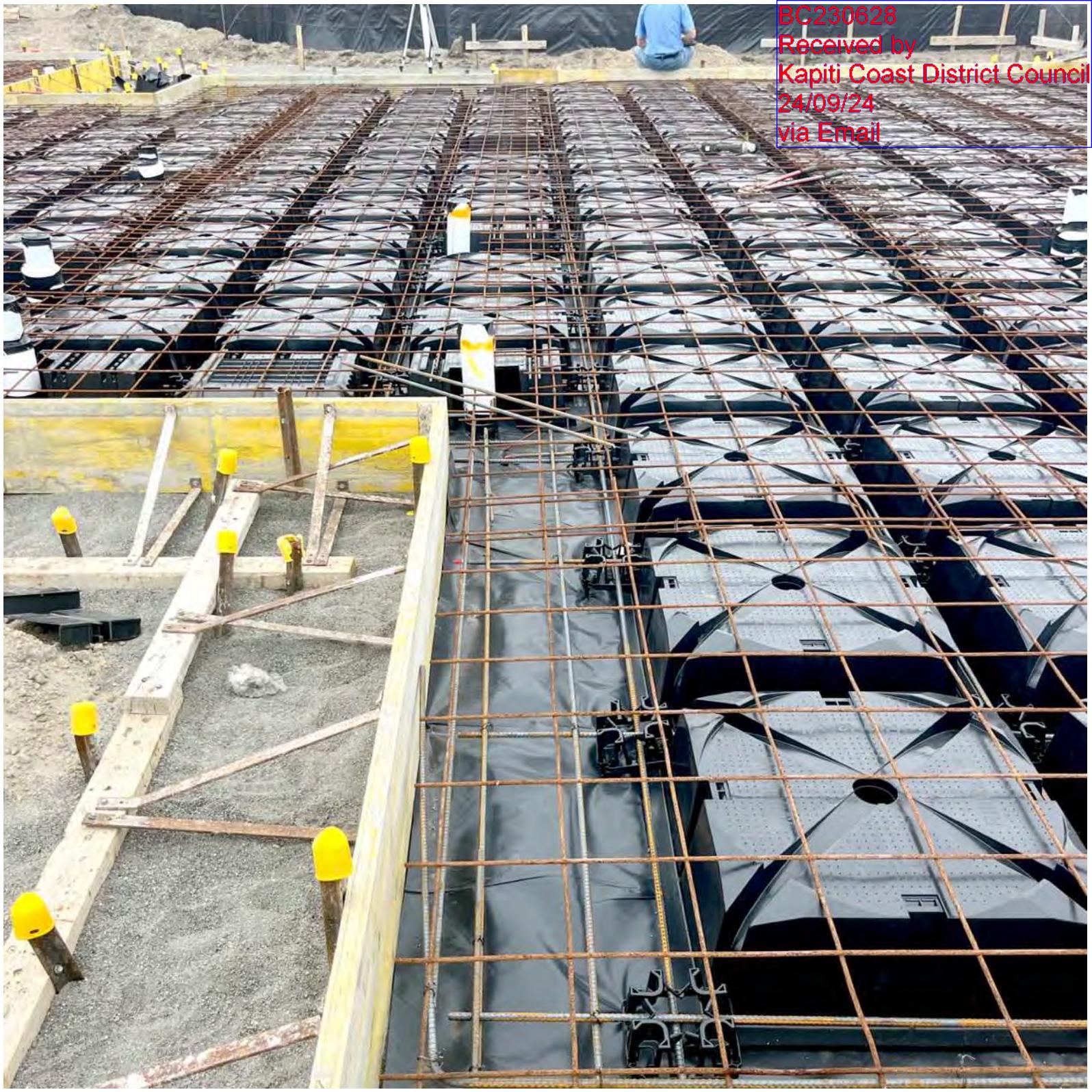
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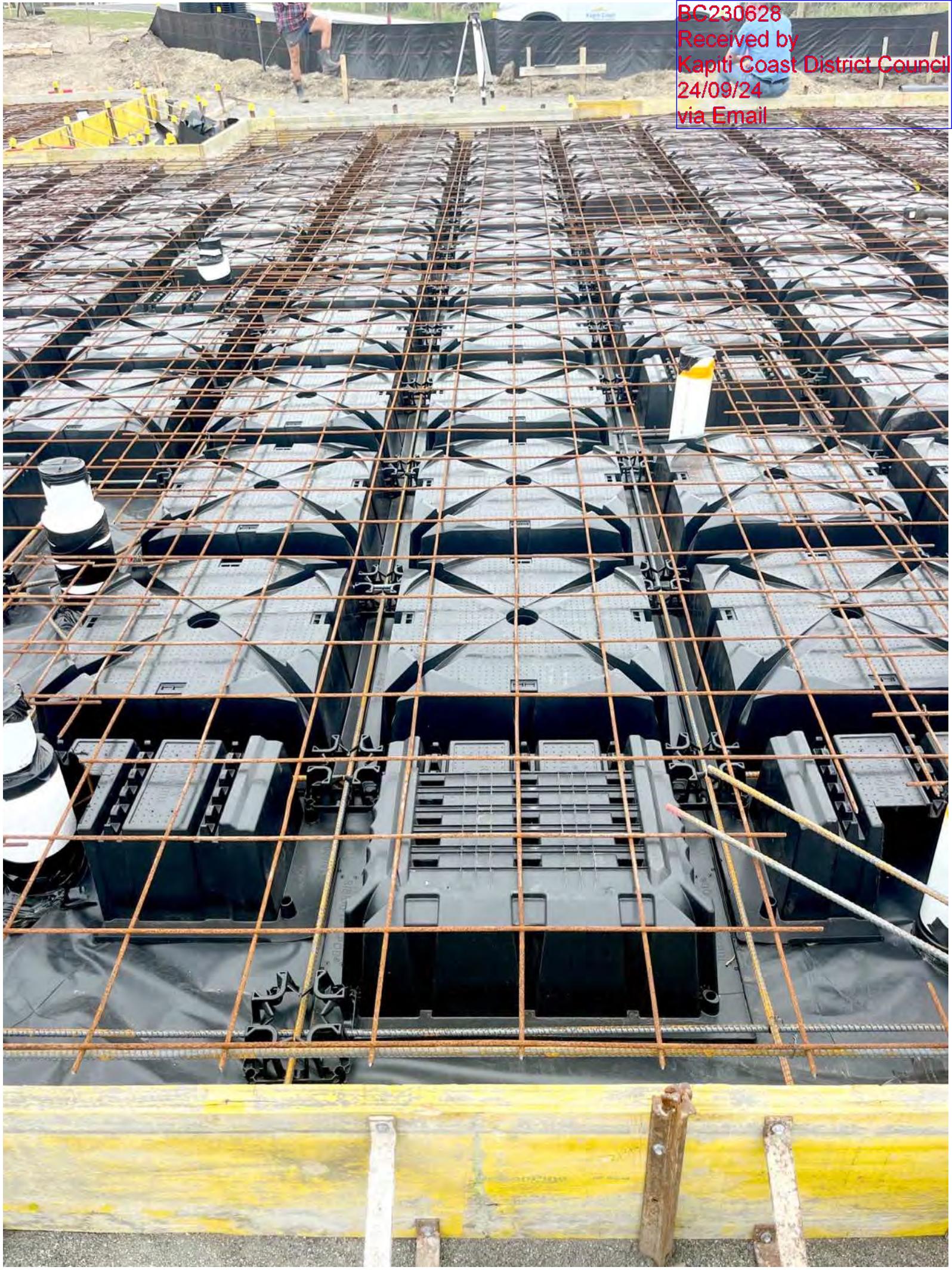
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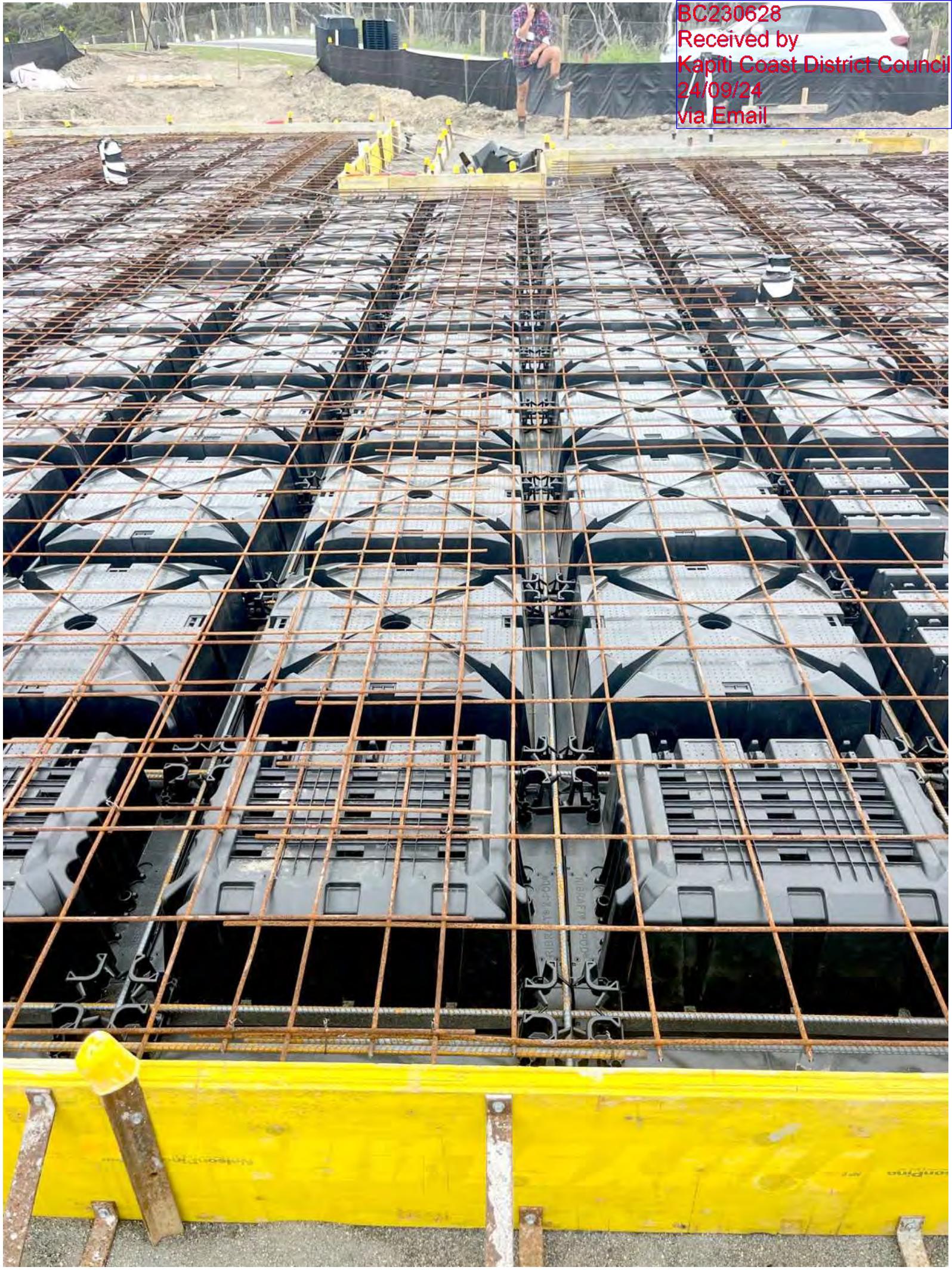
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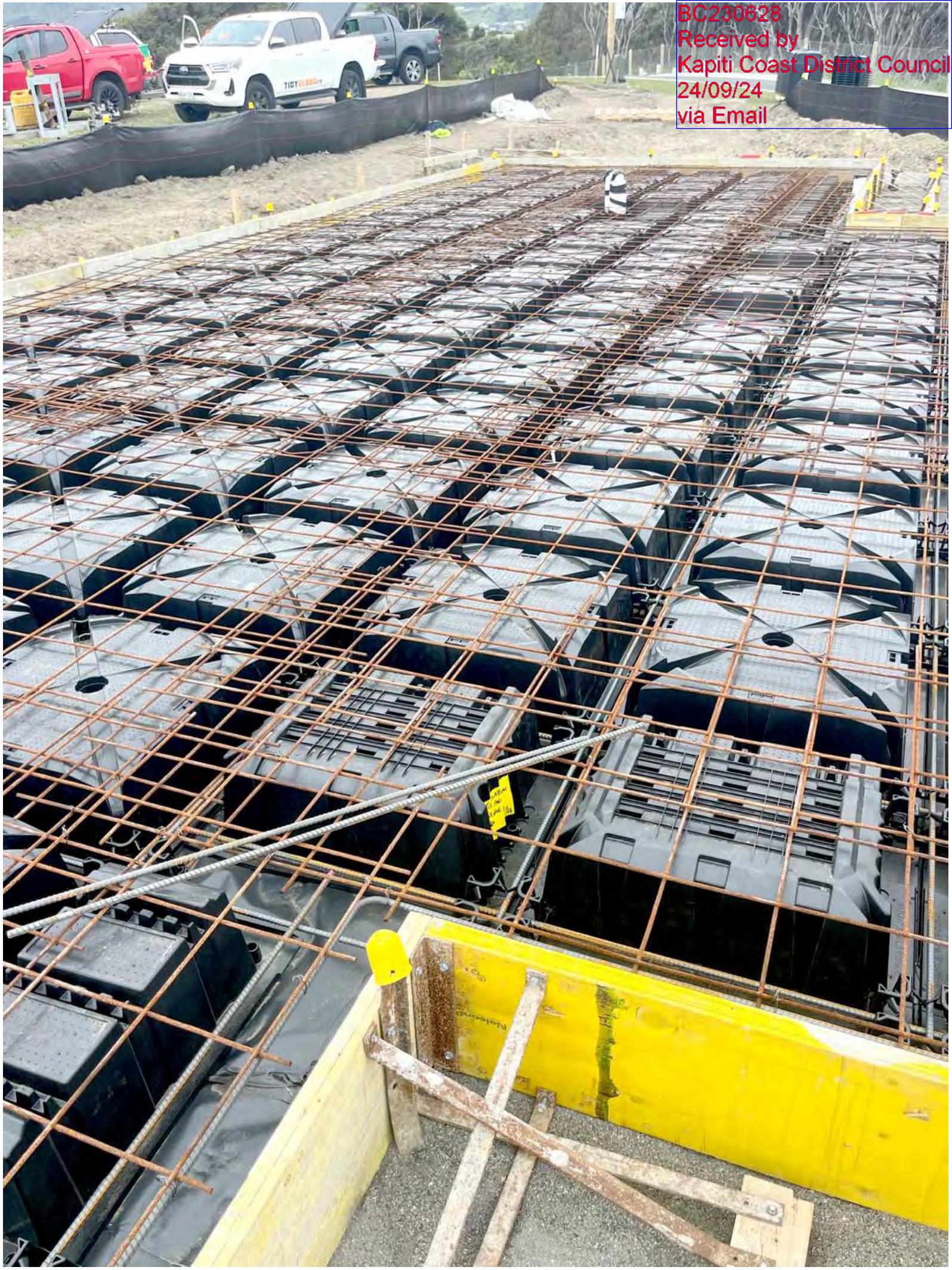
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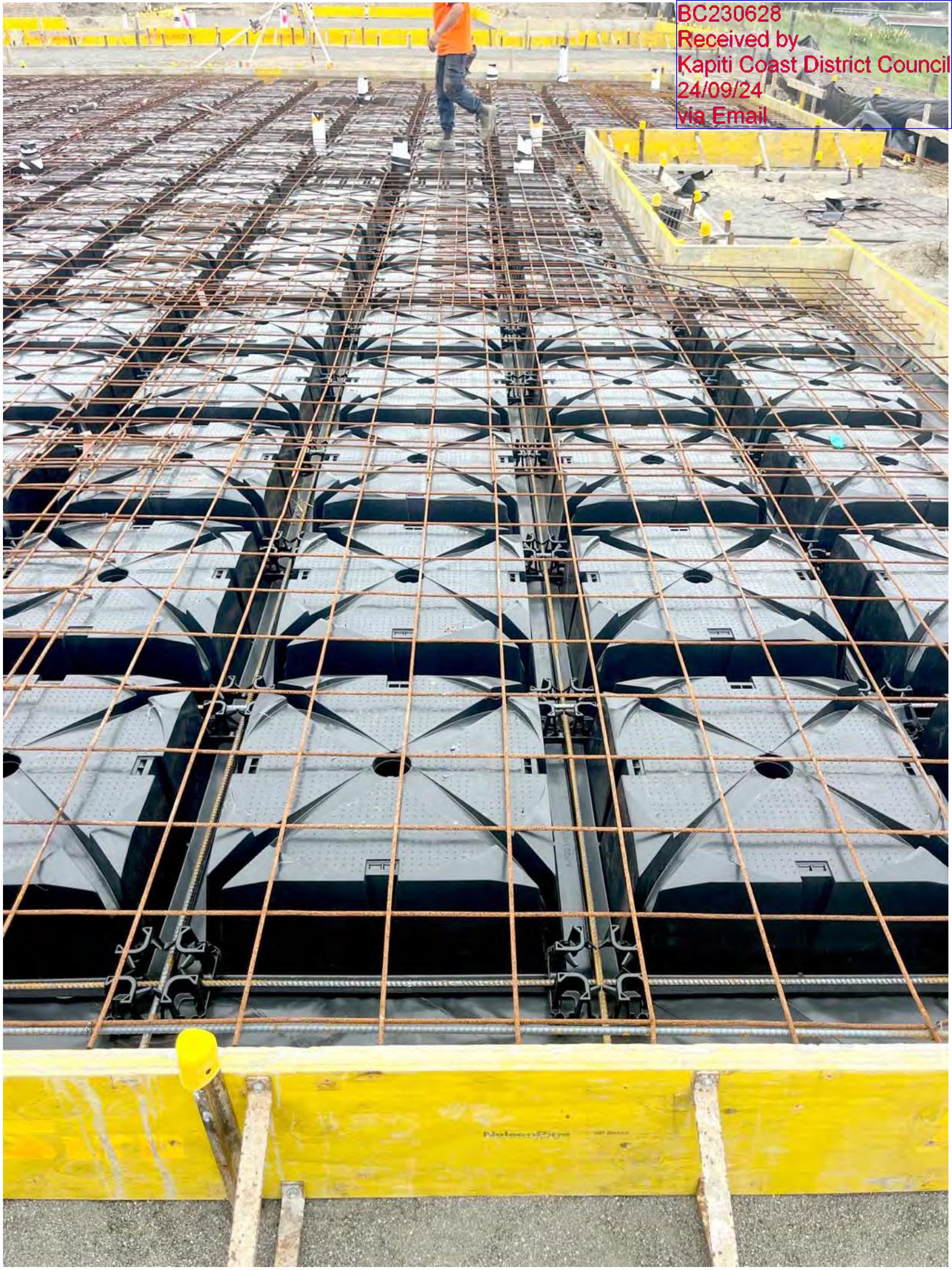
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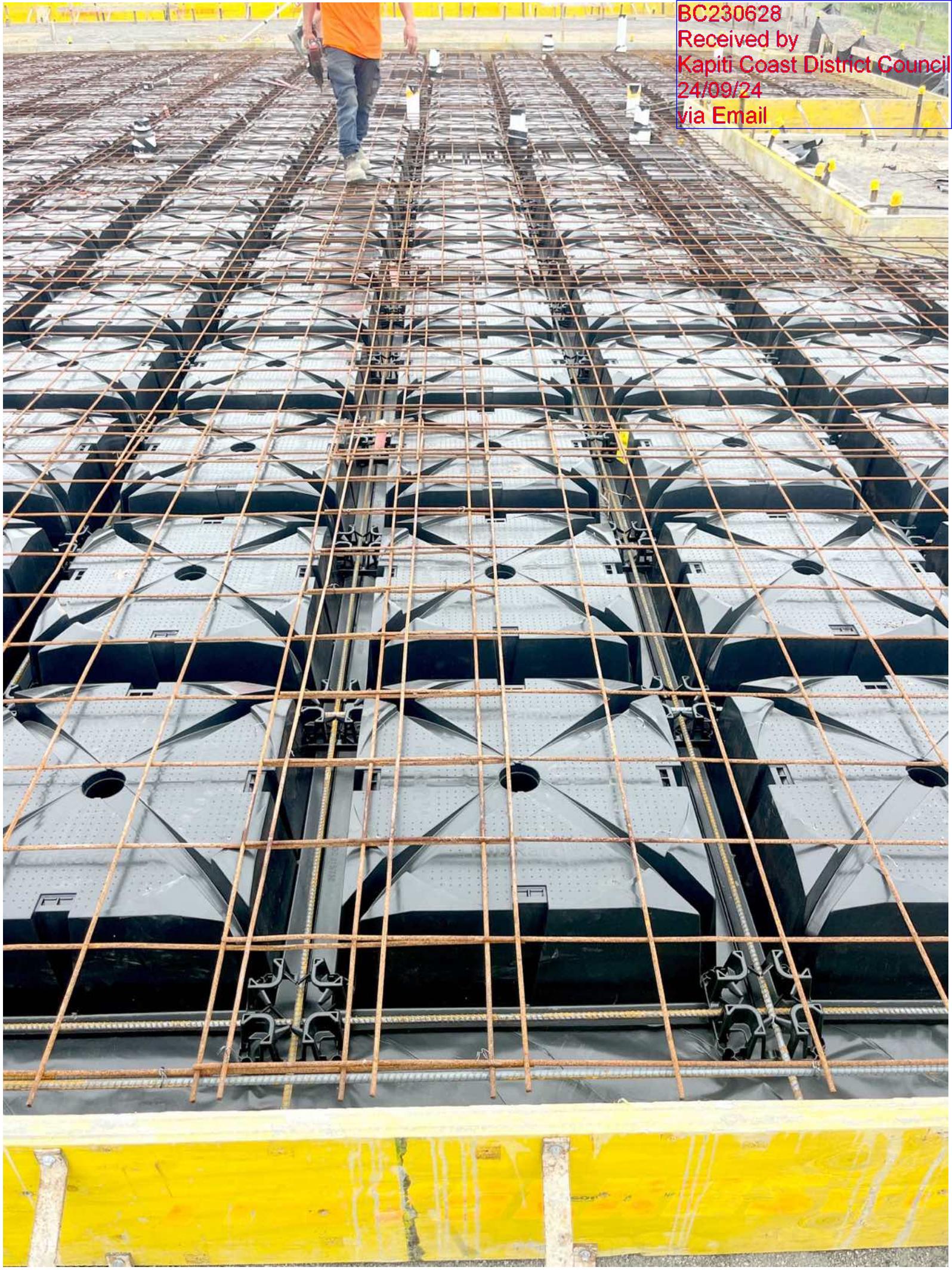
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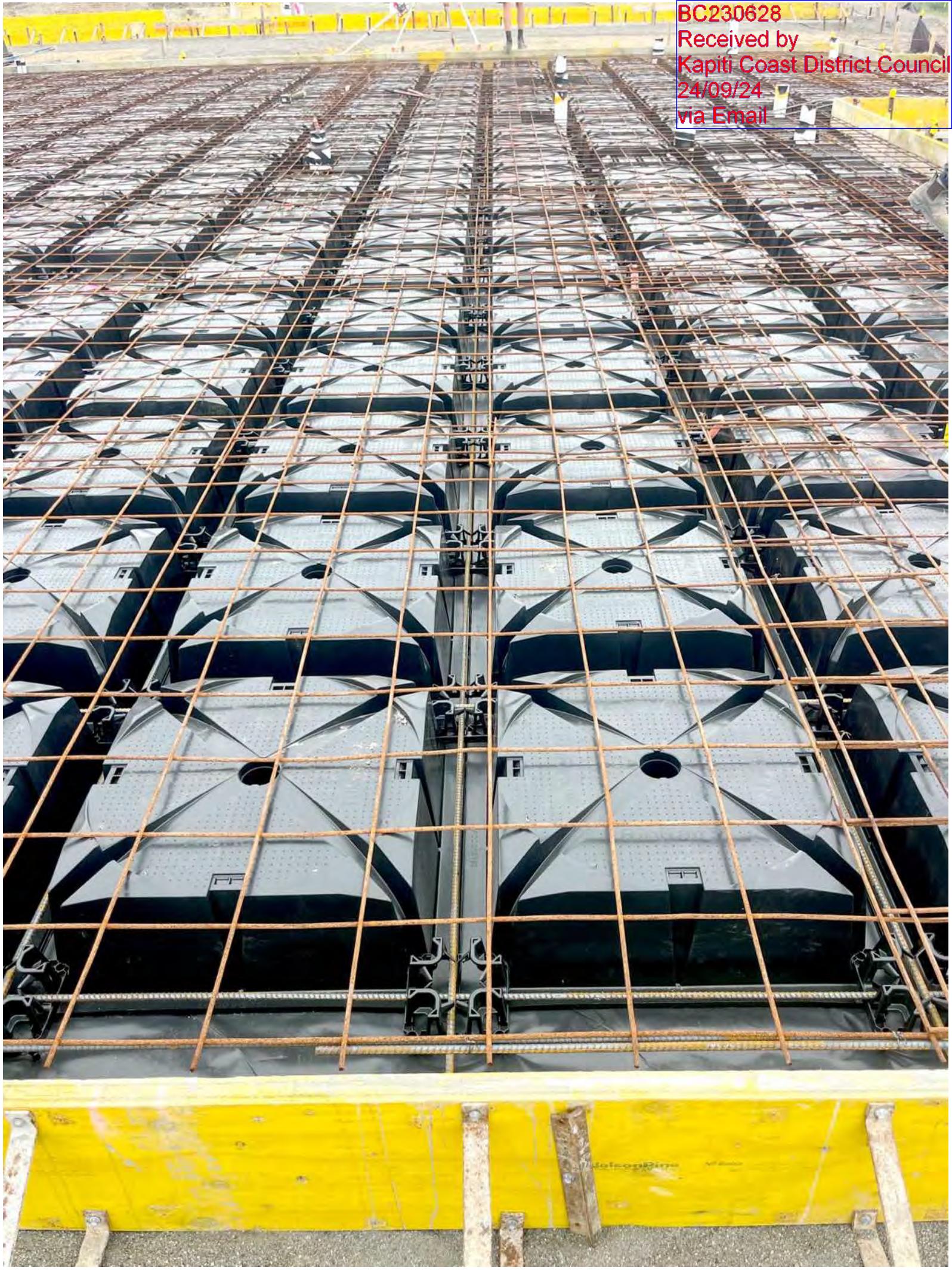
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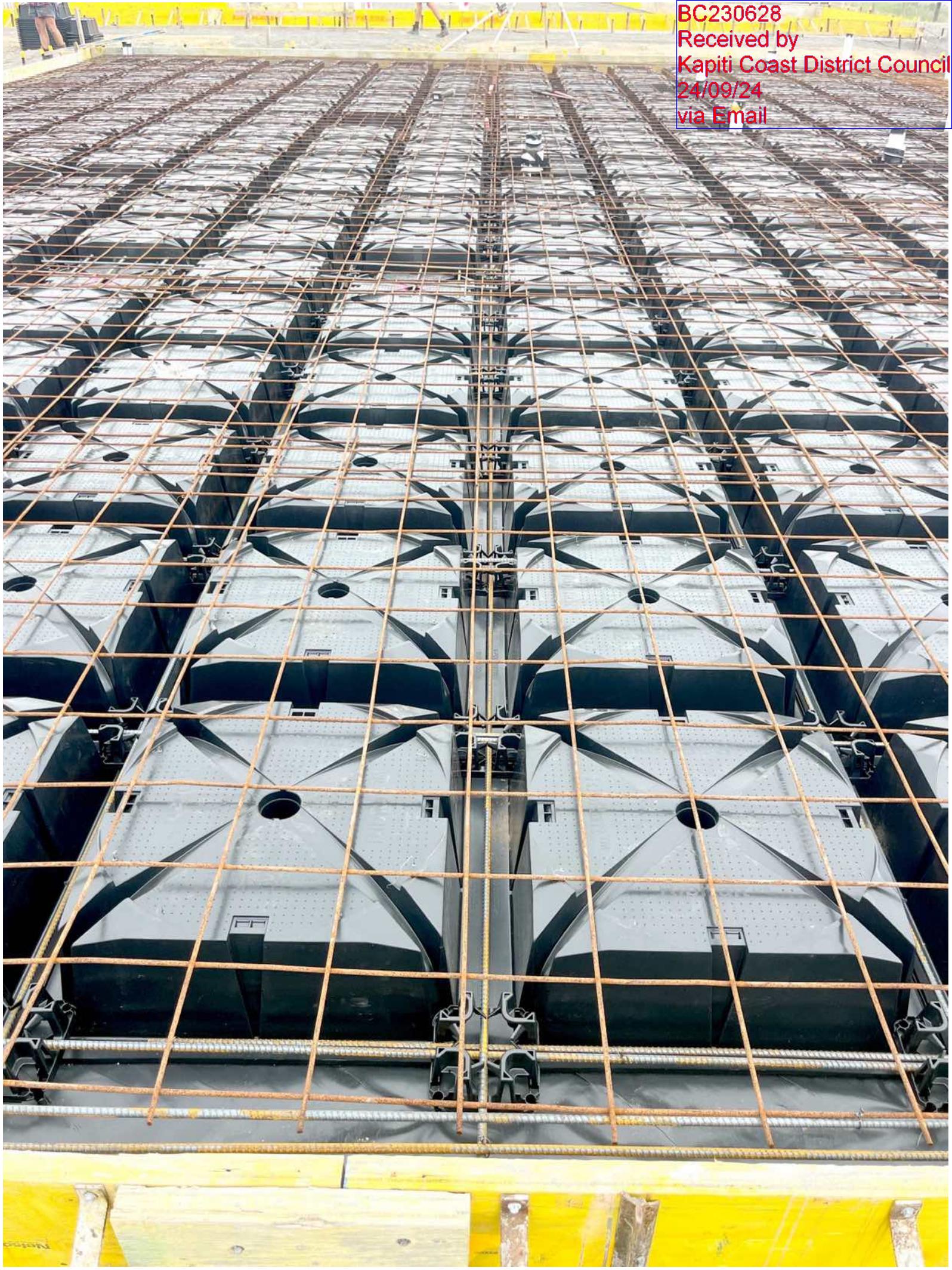
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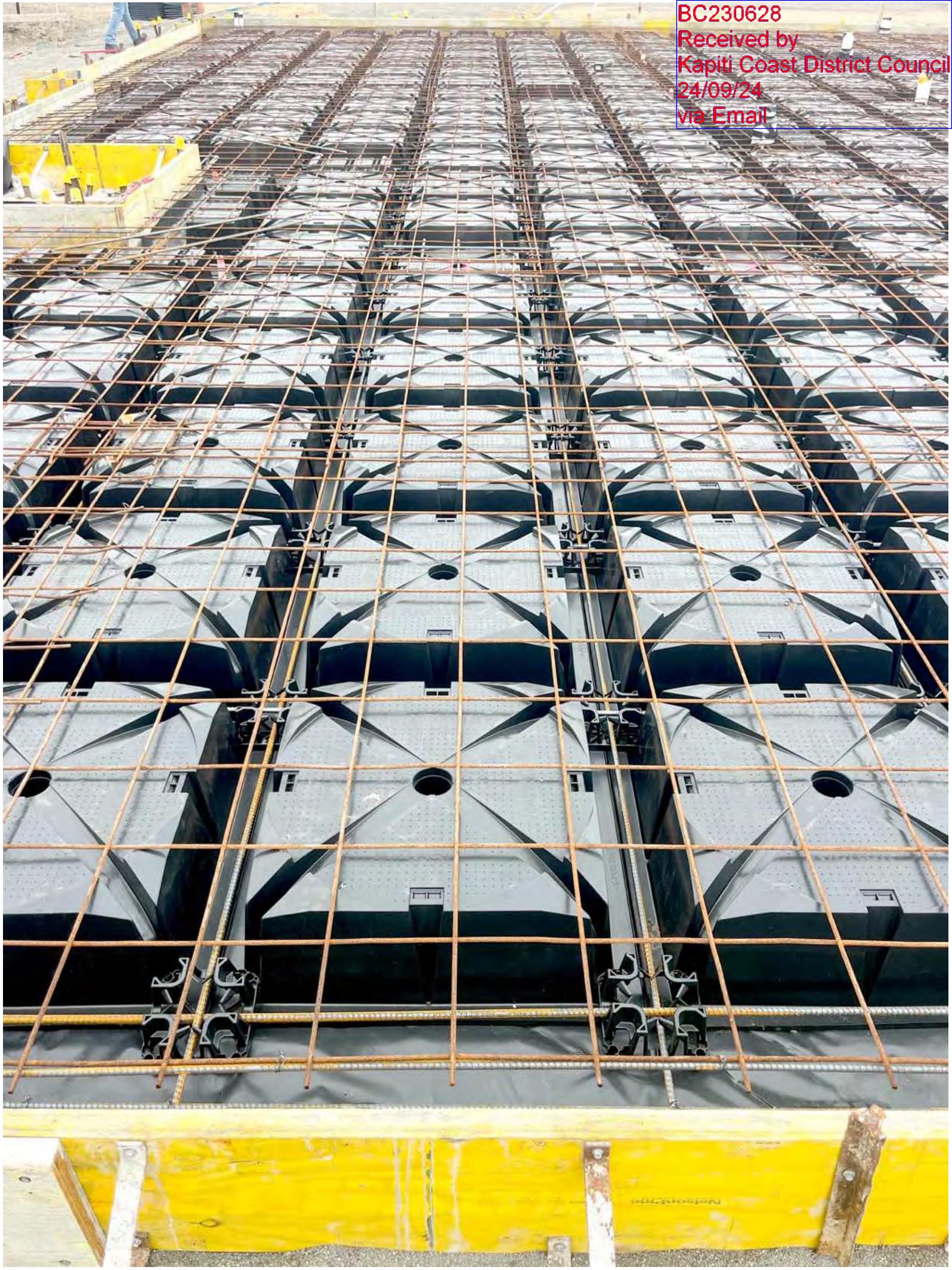
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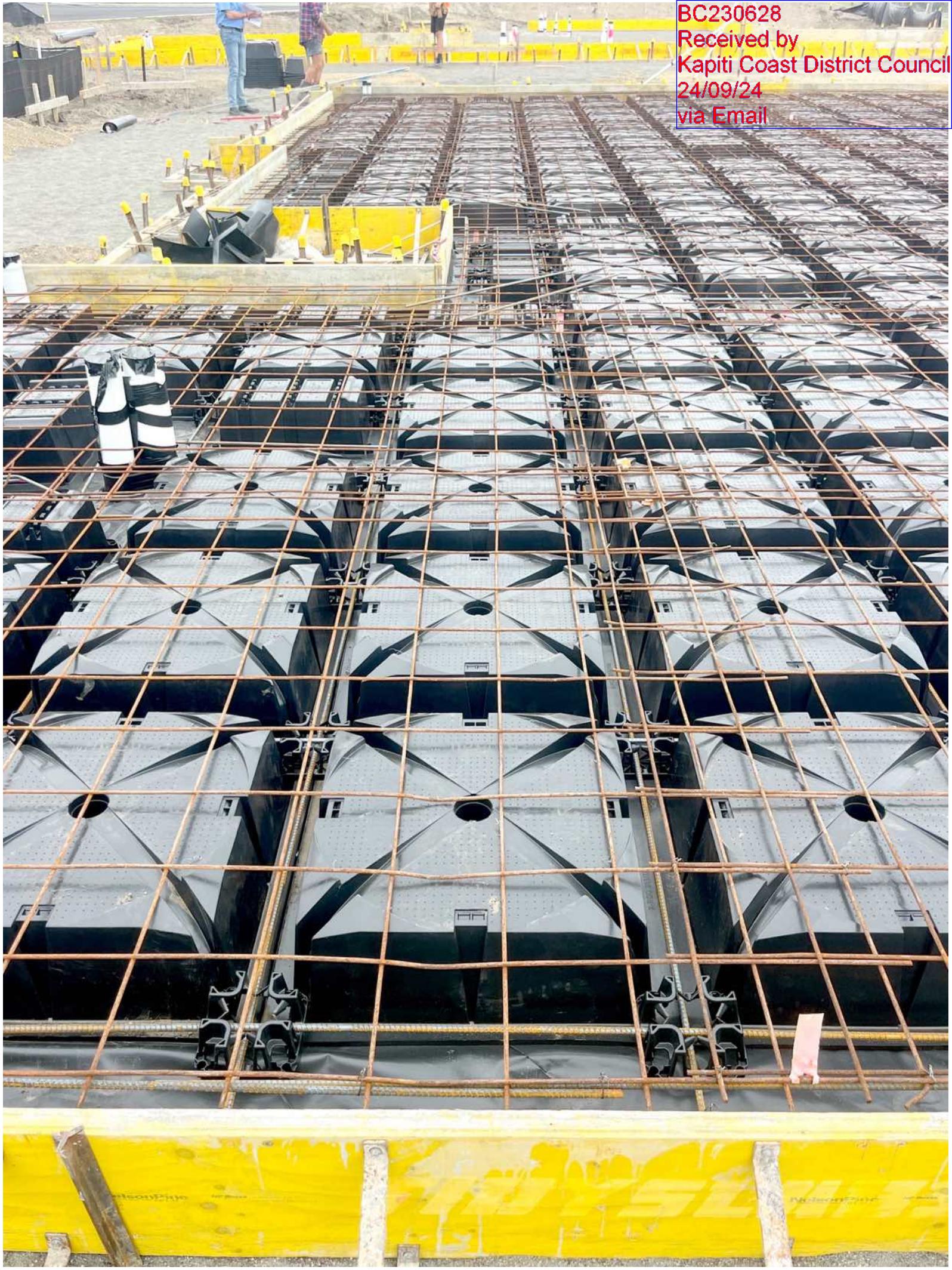
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