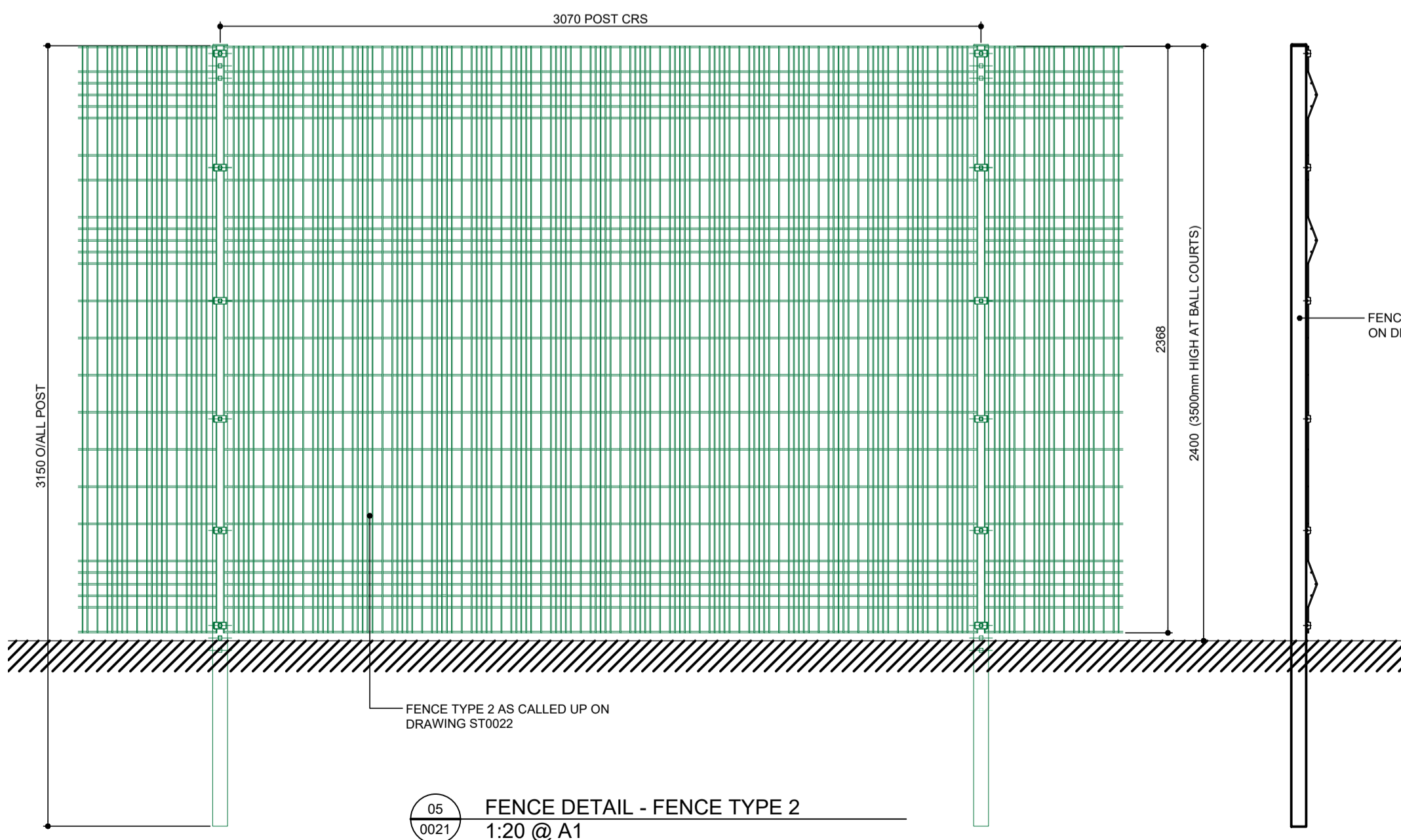
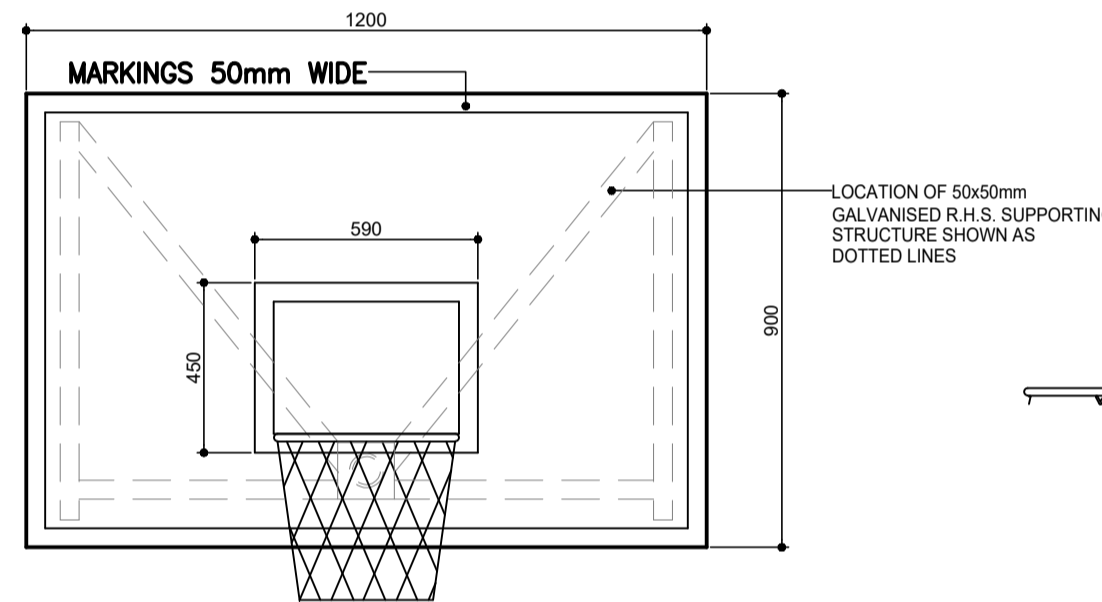
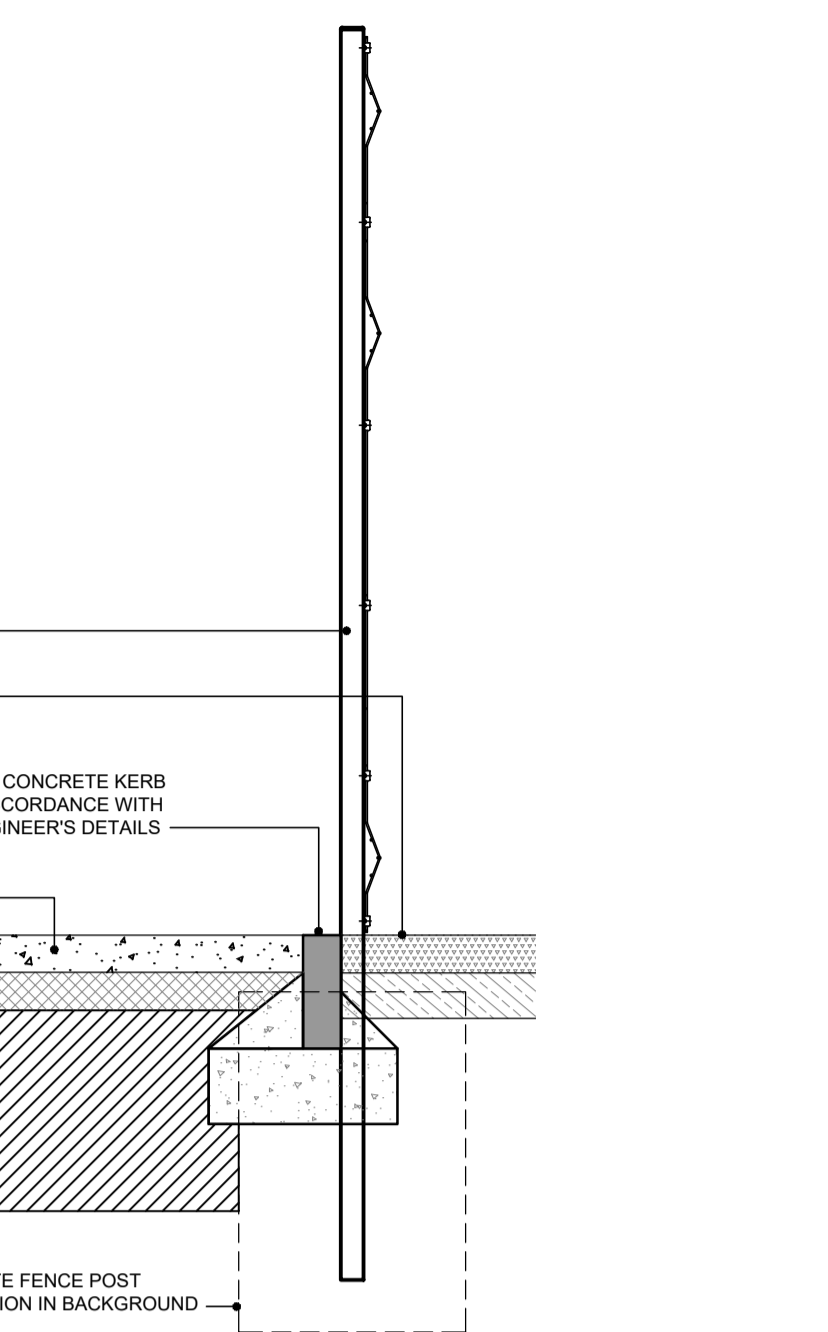
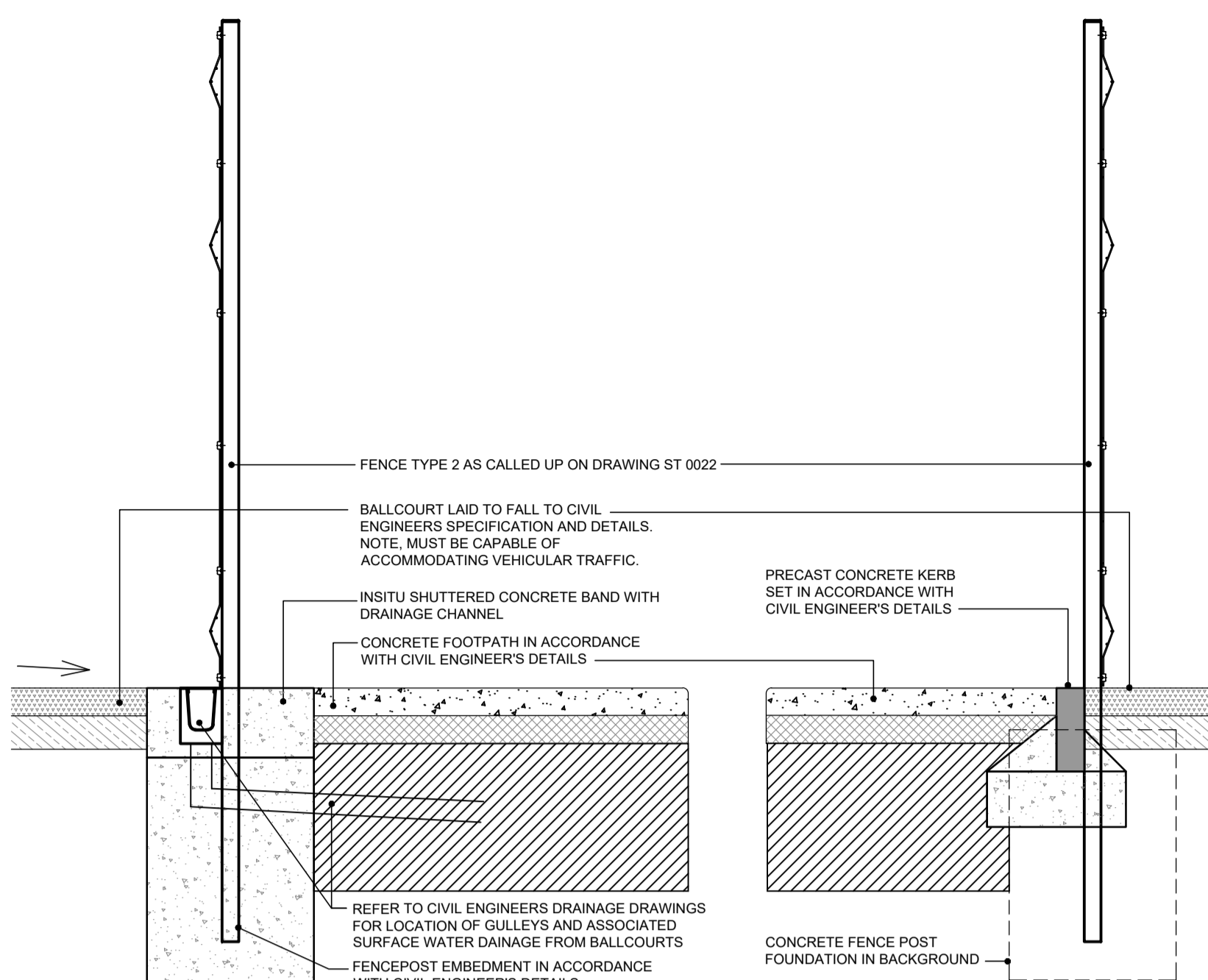
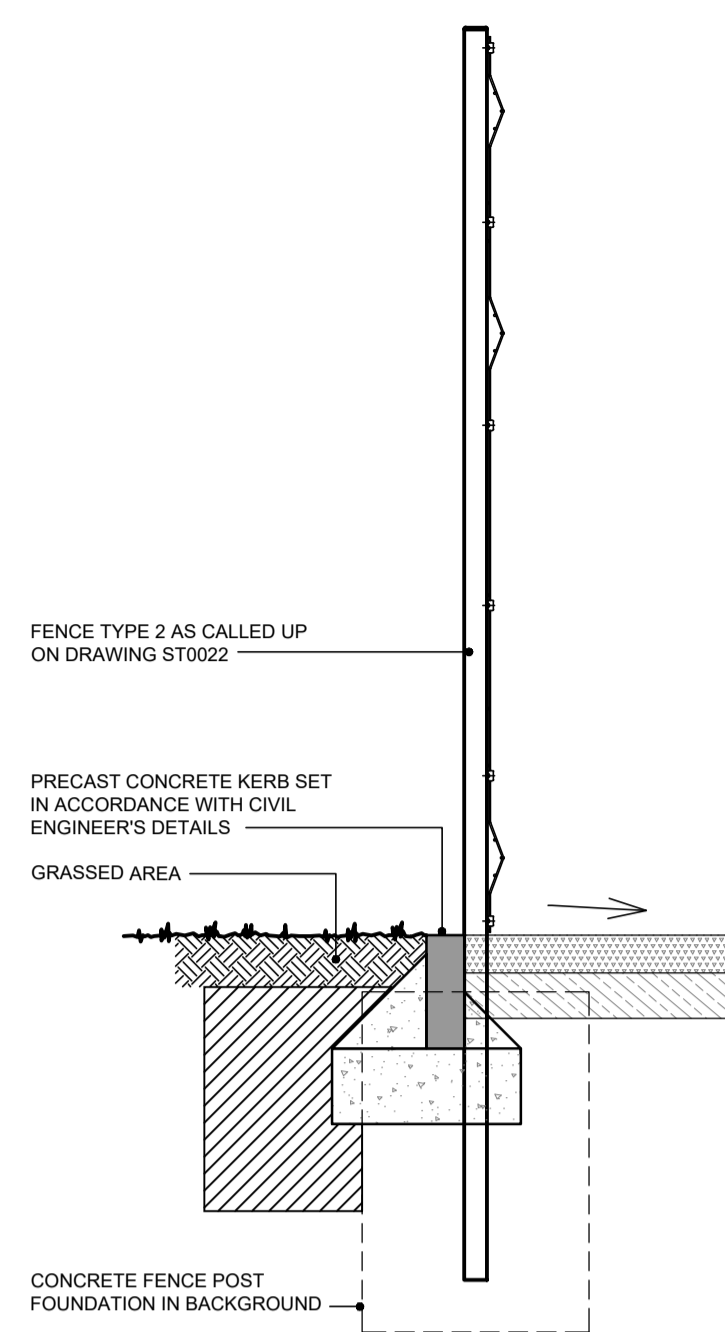


01 BALLCOURT LAYOUT
1:00 @ A1



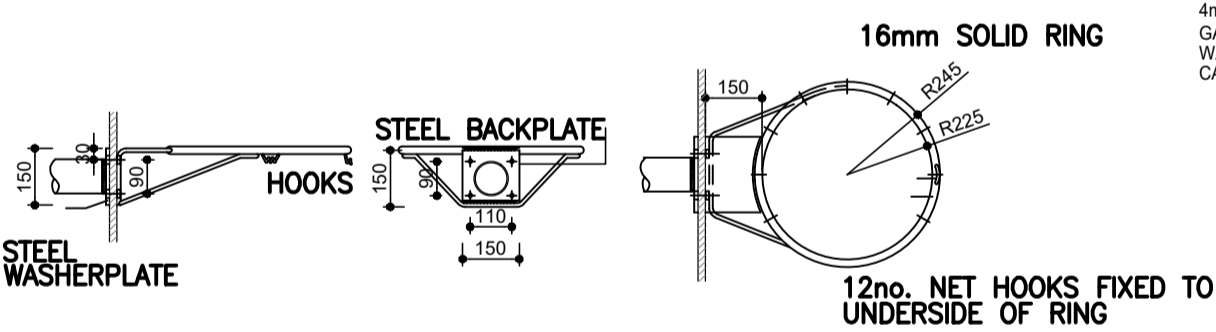
NOTES:

(c) COPYRIGHT MCOH ARCHITECTS FOR INFORMATION PURPOSES ONLY USE FIGURED DIMENSIONS ONLY

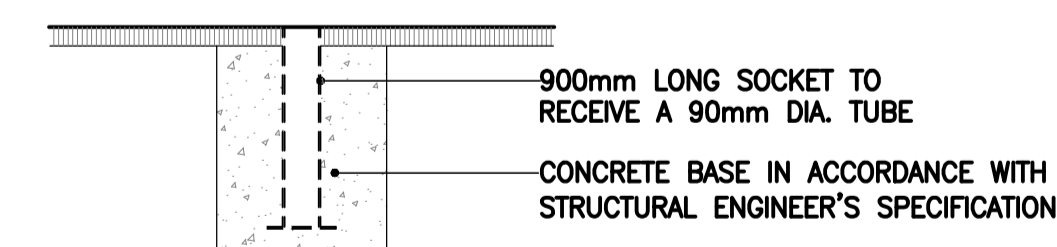


19mm MARINE PLYWOOD WITH H.W. TRIM, SEALED WITH APPROVED PRESERVATIVE APPLIED AS PER MANUFACTURER'S INSTRUCTIONS FOLLOWED BY TWO COATS OF APPROVED UNDERCOAT AND TWO COATS OF APPROVED EXTERIOR QUALITY GLOSS PAINT. BOARD MARKED IN ACCORDANCE WITH B.S. 1892 PT 2 SECTION 27 1974

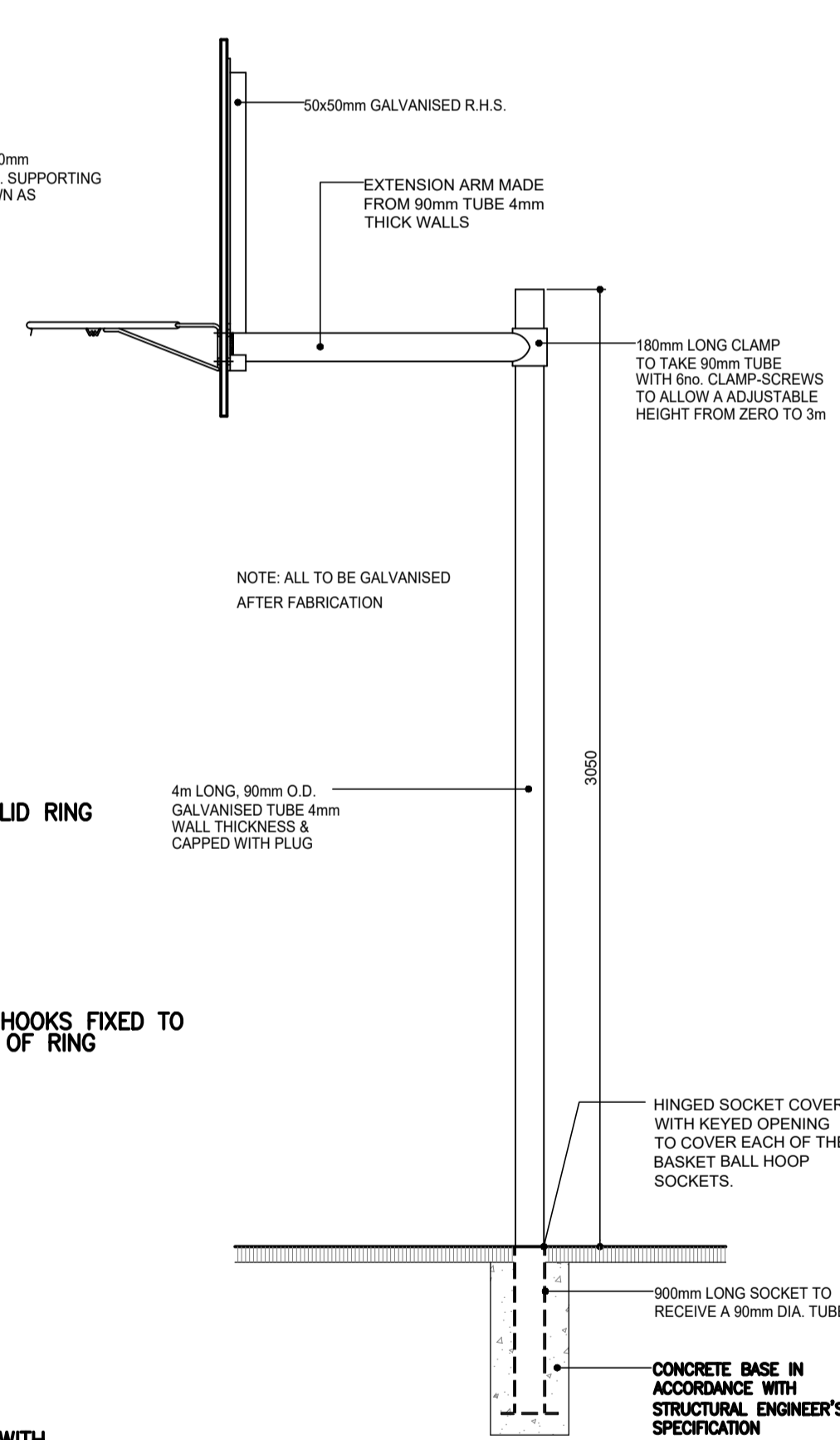
06 BACKBOARD
1:20 @ A1



07 HOOP DETAIL
1:20 @ A1



08 SOCKET FOR FUTURE VOLLEYBALL POST
1:20 @ A1



09 POST DETAIL
1:20 @ A1

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

Hardcore: The hardcore shall consist of clean crushed stone, concrete or other approved material. The maximum size of the particles shall not exceed 75mm or one half of the thickness of the base course whichever is the smaller and they shall be graded uniformly down to the smaller particles.

Blinding: The blinding material for the base course of the fine stone crushings or sand containing an approved proportion of loam or clay matter.

Sand: The sand shall be clean coarse sand of approved quality and grading.

Bitumen Macadam: The bitumen macadam shall comply in all respects with BS 1621 for Bitumen Macadam with crushed rock aggregate. It shall be manufactured and laid by an approved Sub-contractor having specialised experience in that type of work.

Aggregate: Coarse aggregate shall consist of crushed whinstone basalt or other stone of approved quality, angular in shape, hard, durable and free from all foreign matter. The elongation index determined in accordance with BS 312 Method 2 shall not exceed the following limits: Maximum size of aggregate 38 - 19mm not more than 40 mm 12 - 10mm not more than 45mm. Fine aggregate, which shall all pass a 3mm BS sieve, shall consist of crushed rock or clean sand. The content of silt, loam or clay shall not exceed 2 per cent by weight when determined as described in BS 812.

Filler: The filler shall consist of crushed rock, hydrated lime or Portland Cement and at least 75% shall pass a No. 22 BS sieve.

Binder: The binder shall be either cut-back or straight run bitumen from an approved refinery and shall conform to the requirements of BS 1621 for bitumen macadam.

Mixing Temperature of Materials: The mixing temperature shall be within the limits of temperatures as specified in the following table:-

Type Binder	Temperature of Aggregate		Temperature of Binder	
	Min	Max	Min	Max
Cut Back Bitumen	-	71°	C66°	C121°
	(160°F)	(150°F)	(250°F)	
Straight-run Bitumen	66°C	121°C	93°C	140°C
	(150°F)	(250°F)	(200°F)	(300°F)

Preparation Sub-Grade: The Sub-grade shall be excavated to the proper alignment and cross sections and shall be consolidated by rolling or ramming until it can withstand the repeated passage of a 10 tonne roller without movement or subsidence. Depressions shall be filled suitable materials approved by the Architect and compacting continued until the sub-grade is uniformly firm, properly shaped and true to grade and alignment.

Hardcore Foundation: The hardcore foundation shall consist of hardcore rolled to a thickness of 225mm the hardcore shall be laid in two layers the bottom layer being rolled and consolidated before the upper layer is placed. The method of placing the material shall be subject to the approval of the Architect. The upper layer shall be packed with smaller material blinding, watered and rolled with 10 tonne water ballasted power driven roller until and even contour at the correct level is obtained.

Preparation of Base: The bitumen macadam shall be laid on a clean dry base and only when weather conditions are suitable. The surface of the base shall be thoroughly swept to remove all grit, foreign matter and excessive blinding material. The bitumen macadam shall be laid only by an approved Contractor skilled in this type of work.

Mixing: The aggregate shall be thoroughly dry and shall be heated to appropriate temperature. The binder shall be heated separately to the appropriate temperature and the aggregate and binder shall then be measured into the mixed in suitable proportions and intimately mixed together, the filler being subsequently added and thoroughly mixed. The mixing shall be carried out in a mechanical mixer of approved type and shall be continued until all particles of the aggregate are completely coated but in no case for less than 1.5 minutes.

Transportation: The bitumen macadam shall be delivered from the plant to the site of the work in clean vehicles and, where necessary be protected against weather conditions. The dusting or oiling of the interior of the vehicles to facilitate discharge of the bitumen macadam is not precluded but the amount of dust or oil used shall be the minimum necessary for the purpose. The bitumen macadam shall be protected to minimise loss of heat during transport and shall be delivered on the laying site at a temperature not less than 49 °C (120°F) for cut back bitumen and 82°C (180°F) for straight run bitumen.

Laying Bitumen Macadam Surface: The car-park shall be surfaced with 10mm nominal size single coarse bitumen macadam consolidated thickness of 50mm. The bitumen macadam shall be spread to such thickness that on completion of consolidation by rolling, the thickness shall conform to the specified thickness and the surface shall conform to the level of cross section specified within a limit of 100mm in 3 metres. During the whole of the operation, every precaution shall be taken to avoid degradation and to prevent the bitumen macadam from becoming contaminated with dust or other foreign matter. Consolidation shall be carried out with a power driven water ballasted roller weighting not less than 6 tonnes or more than 10 tonnes. The road shall be rolled in a longitudinal direction from the sides to the centre of the carriageway.

REV	DATE	DESCRIPTION	BY

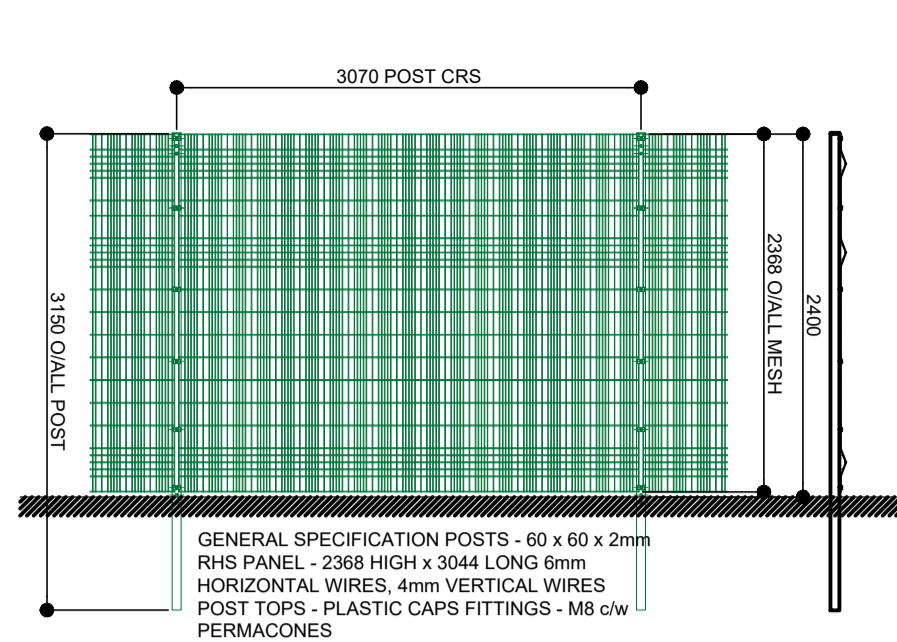
CONSTRUCTION/20-13/CN/0021

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN

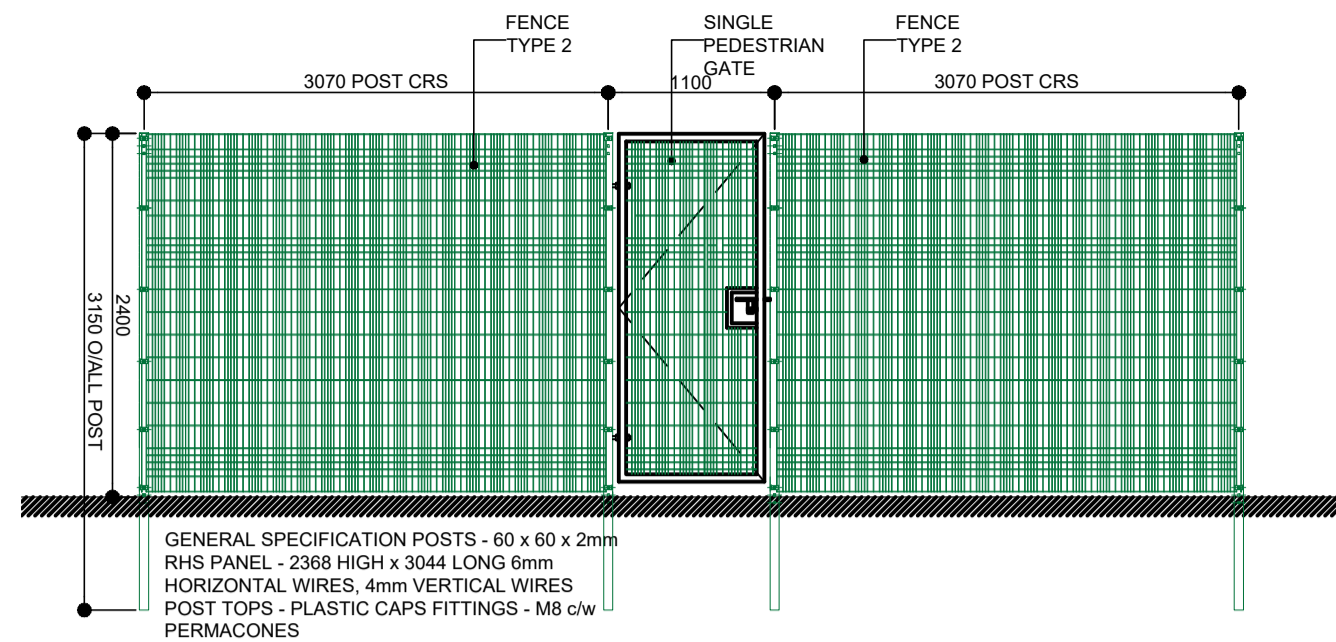
DRAWING: SITE DETAILS - SHEET 1
SCALE: 1:50@A1
DRAWING No: 20-13/TD/0021

DRAWN BY: NMA
DATE: MAR 2021
REV

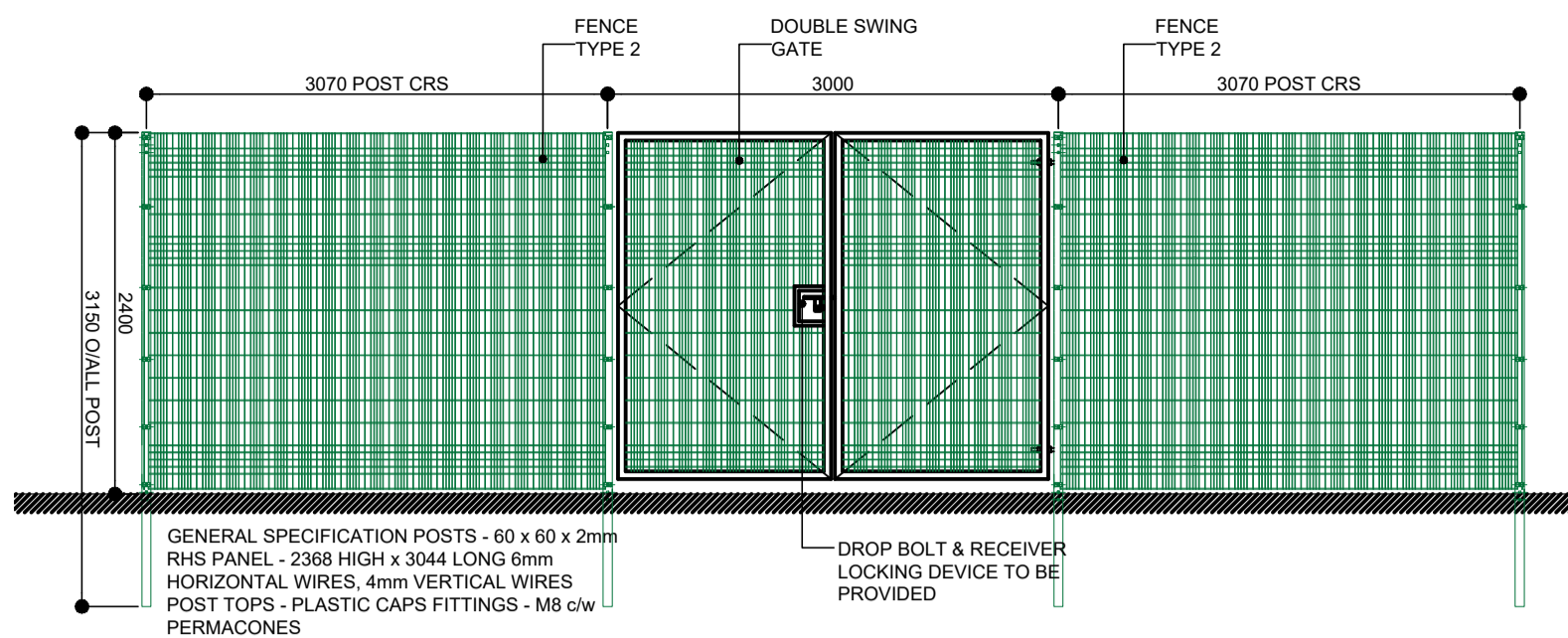
McCarthy O'Hara architects, Old Church, Church St, Portlaoise, Co. Laois T: (057) 8622566 F: (057) 8621079 W: www.mcoh.ie E: info@mcoh.ie



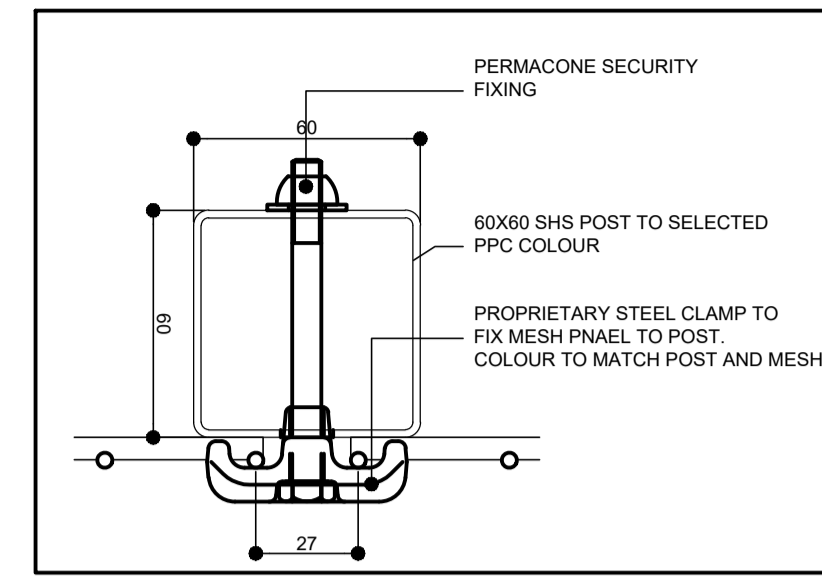
02 ELEVATION TO TYPICAL FENCE 2 (TO HARDCOURT PLAY AREA)
SCALE: 1:50



03 ELEVATION TO TYPICAL FENCE 2 (TO HARDCOURT PLAY AREA)
SCALE: 1:50



04 ELEVATION TO TYPICAL FENCE 2 (TO HARDCOURT PLAY AREA)
SCALE: 1:50



05 PLAN OF FIXING OF MESH
SCALE: 1:2

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

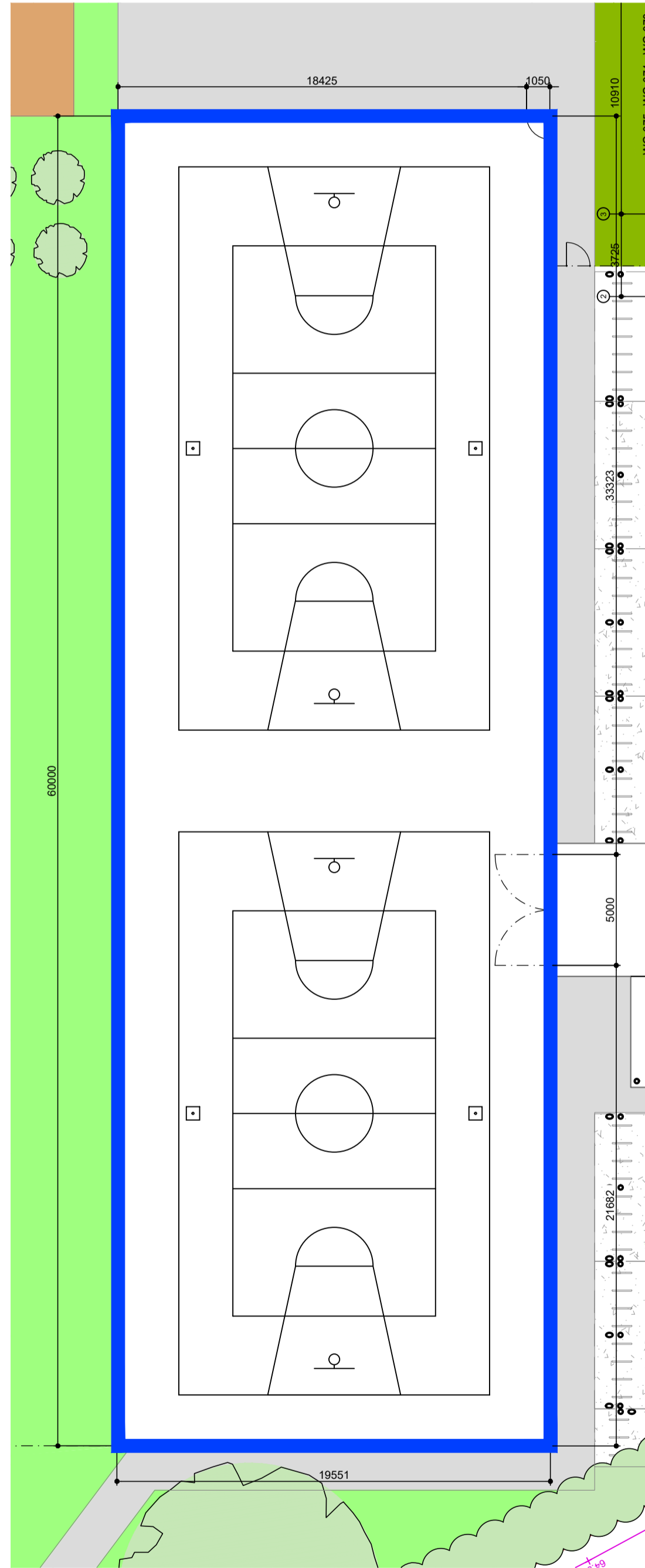
TYPICAL FENCE 2
Striped appearance mesh, crimped for rigidity and strength.
FINISH:
Hot dipped galvanising to BS EN ISO 1461: 1999 with powder coating to BS 6497 - Plasglav
POST:
60x60mm posts at 3070mm centres for fence height of 2.4m
PANELS:
Wires: Vertical 4mm
Wires: Horizontal 6mm
Aperture: 16mm x 150mm-min, 35 x 150mm - max
Reinforcing: Crimped
Panel Finish: Wire zinc treated substrate and Polyester Powder Coating to BS 6497
FIXINGS:
Ifren Steel clips with 8mm Anti Vandal Bolts
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Structural Engineer's drawings. Top of concrete to be kept down below finished hard landscaping level sufficient to allow for complete depth of type of finish in relevant area, e.g. tarmac, paving etc.

SINGLE SWING PEDESTRIAN GATE - FOR FENCE TYPE 2

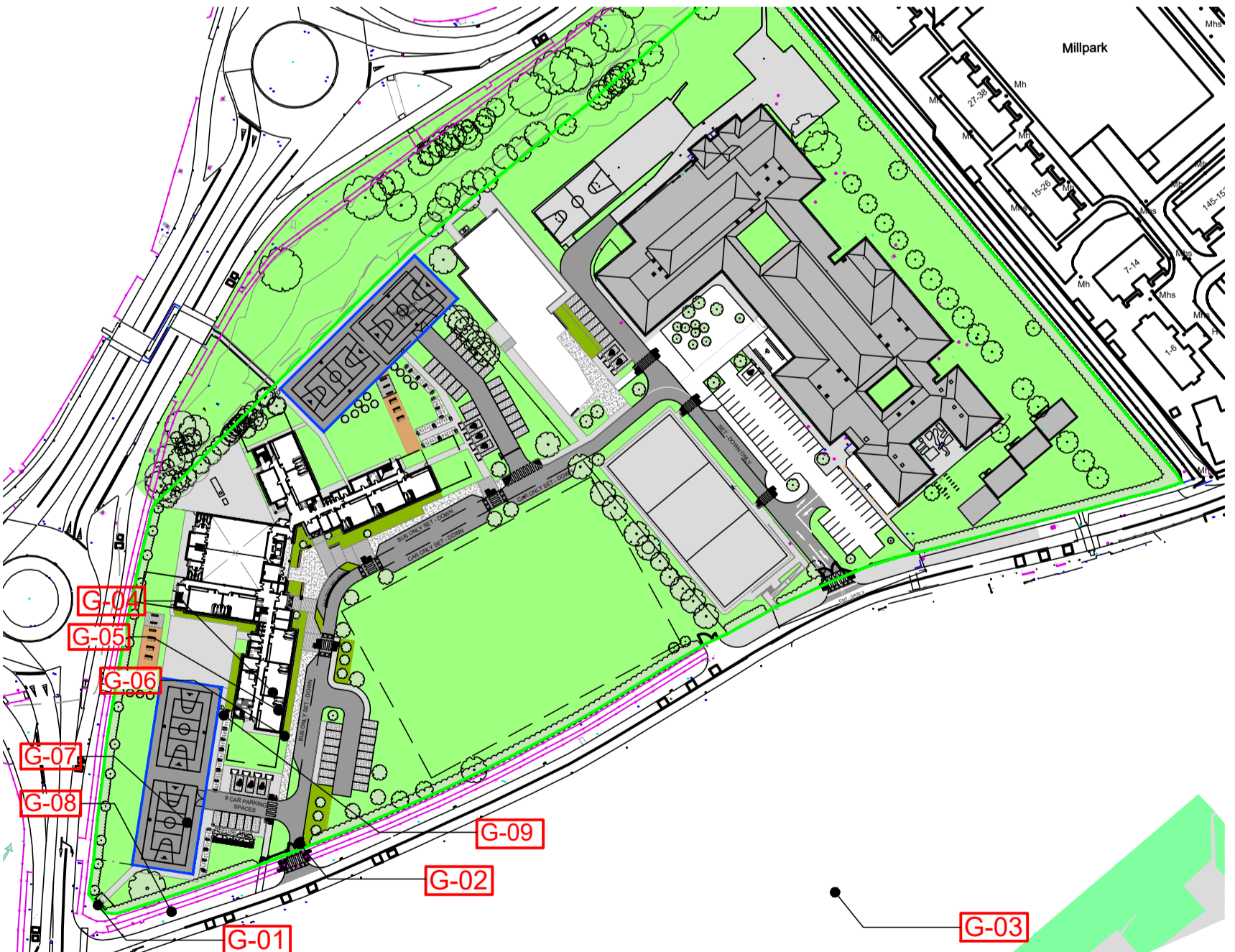
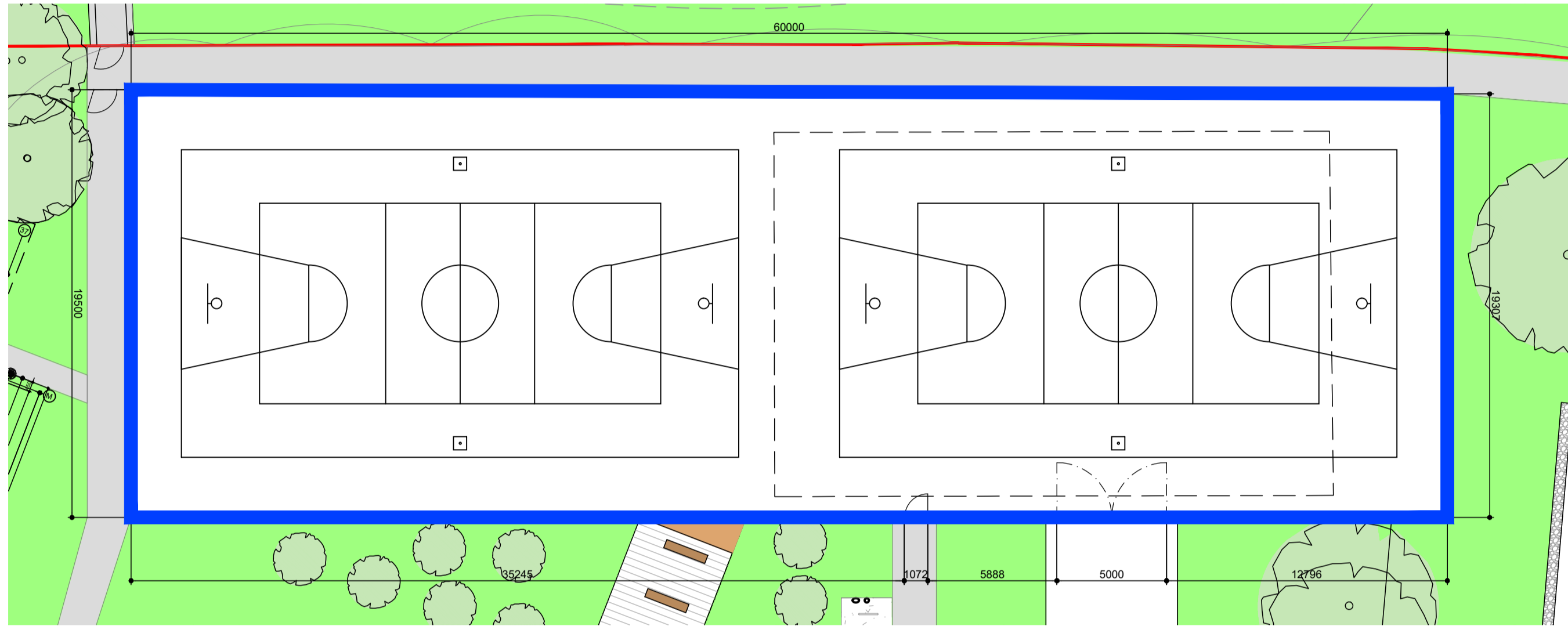
FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav
POSTS:
SHS in accordance with Structural Engineer's details and specifications
GATE FRAMES:
Steel sections in accordance with Structural Engineer's details and specifications with mitred corners and fully welded joints
INFILL:
Infill to match same infill to fence type 2.
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Structural Engineer's drawings. Top of concrete to be kept down below finished hard landscaping level sufficient to allow for complete depth of type of finish in relevant area, e.g. tarmac, paving etc.

DOUBLE SWING GATE - FOR FENCE TYPE 2

FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav
POSTS:
SHS in accordance with Structural Engineer's details and specifications
GATE FRAMES:
Steel sections in accordance with Structural Engineer's details and specifications with mitred corners and fully welded joints
INFILL:
Infill to gates to match same infill to fence type 2
CONSTRUCTION:
All joints fully welded except where specified.
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Structural Engineer's drawings. Top of concrete to be kept down below finished hard landscaping level sufficient to allow for complete depth of type of finish in relevant area, e.g. tarmac, paving etc.



01 SITE PLAN
SCALE: 1:200



01 SITE PLAN
SCALE: N.T.S



IMAGE OF FENCE TYPE 2

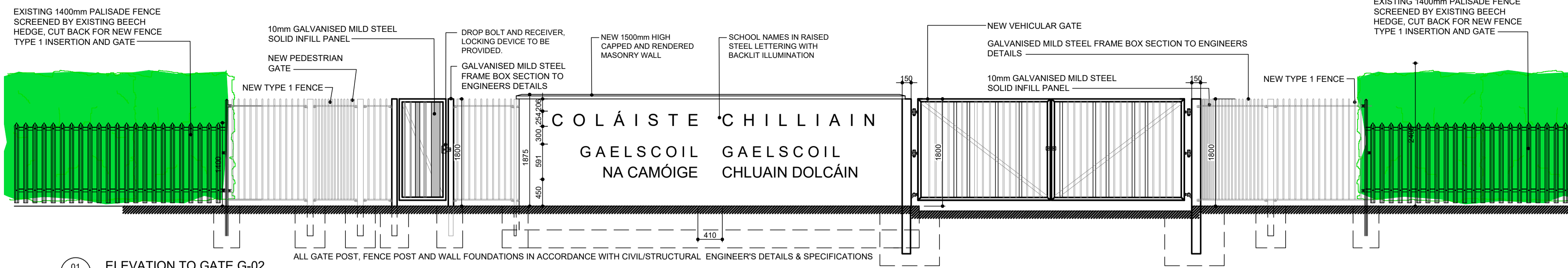
NOTES:
(c) COPYRIGHT MCOH ARCHITECTS
FOR INFORMATION PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY

REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/0022

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: D&ES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 2
SCALE: varies @A1 DATE: MAR 2021 REV: -
DRAWING No: 20-13/TD/0022

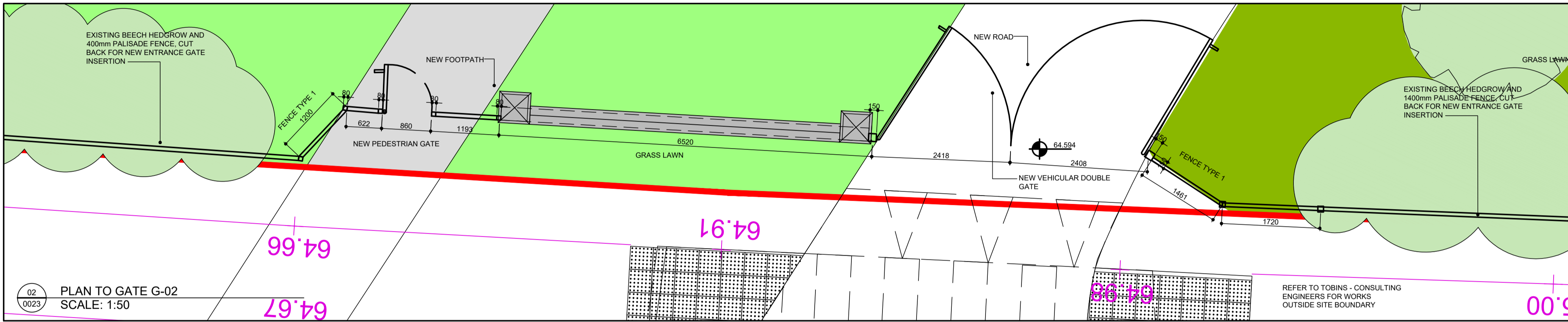
mcOH ARCHITECTS
MCCARTHY O'HORA ARCHITECTS



01 ELEVATION TO GATE G-02
SCALE: 1:50



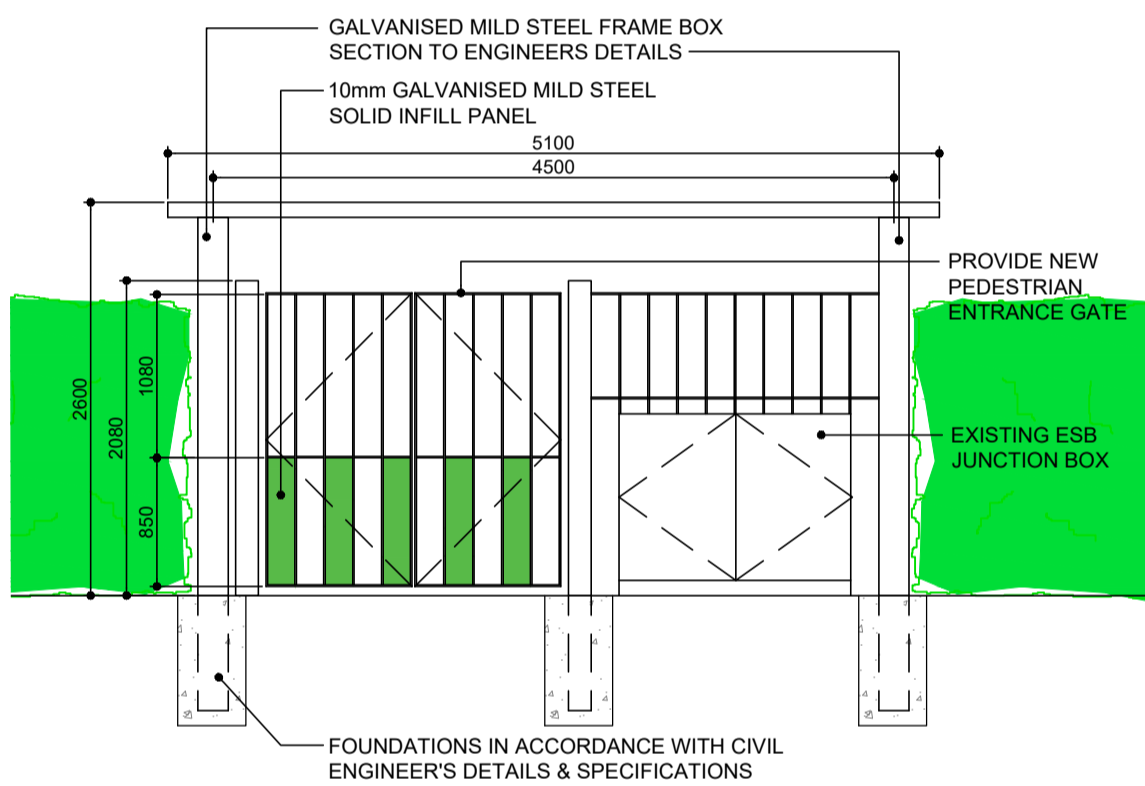
03 SKETCH OF NEW GATE G-01
SCALE: NTS



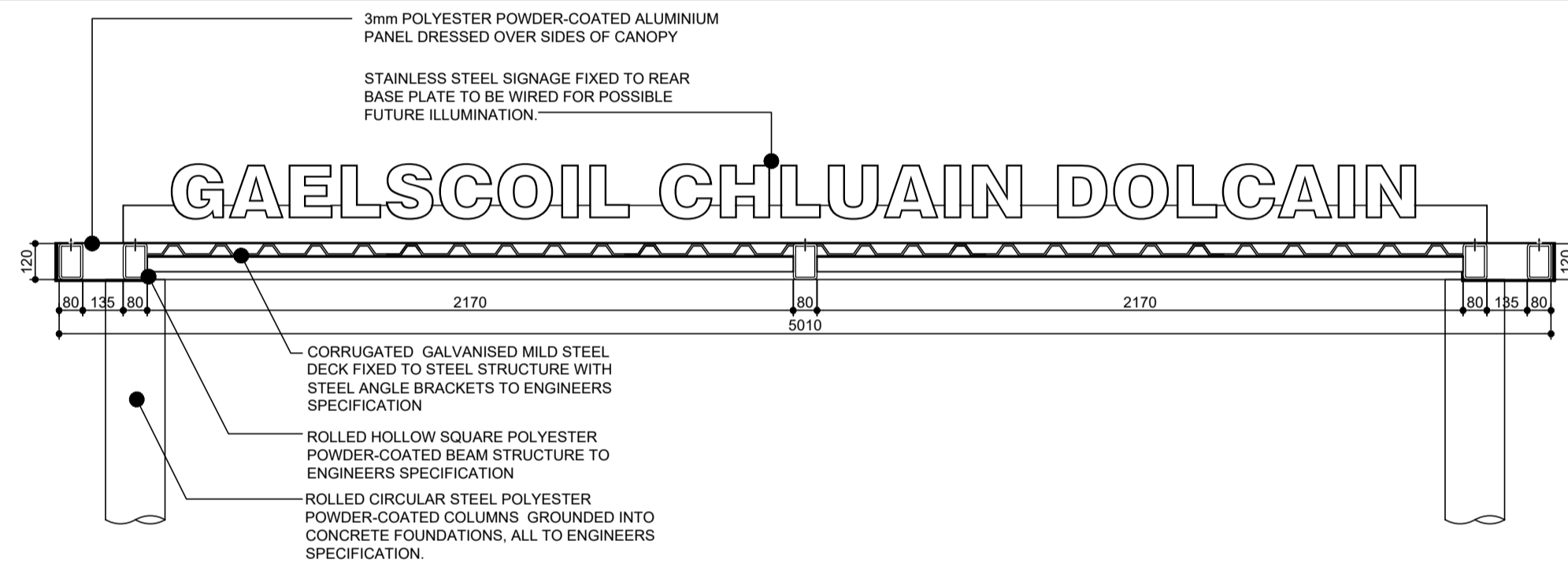
02 PLAN TO GATE G-02
SCALE: 1:50



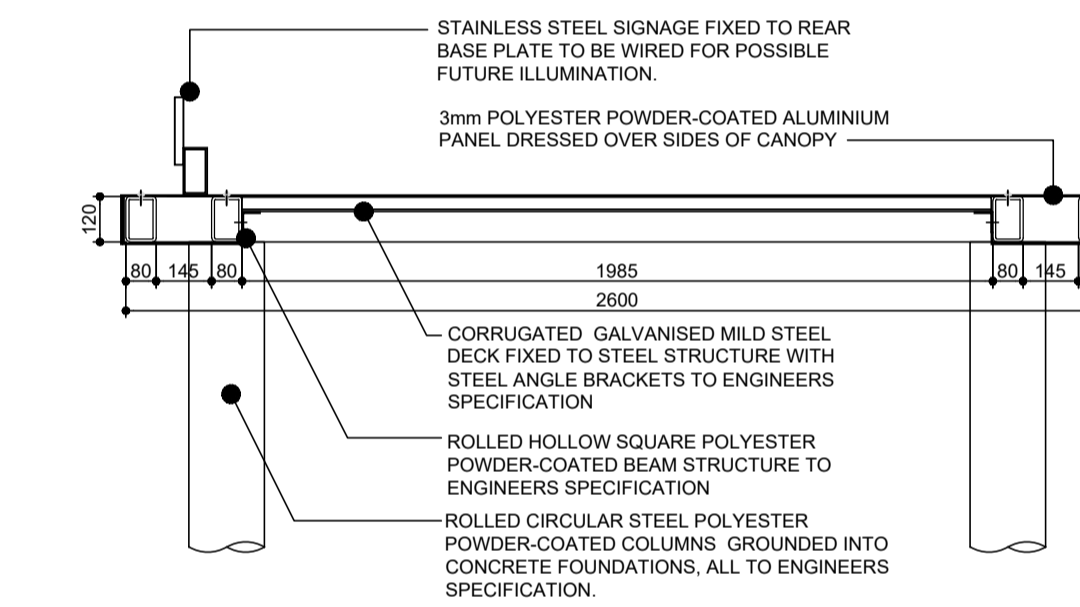
IMAGE OF FENCE TYPE 1



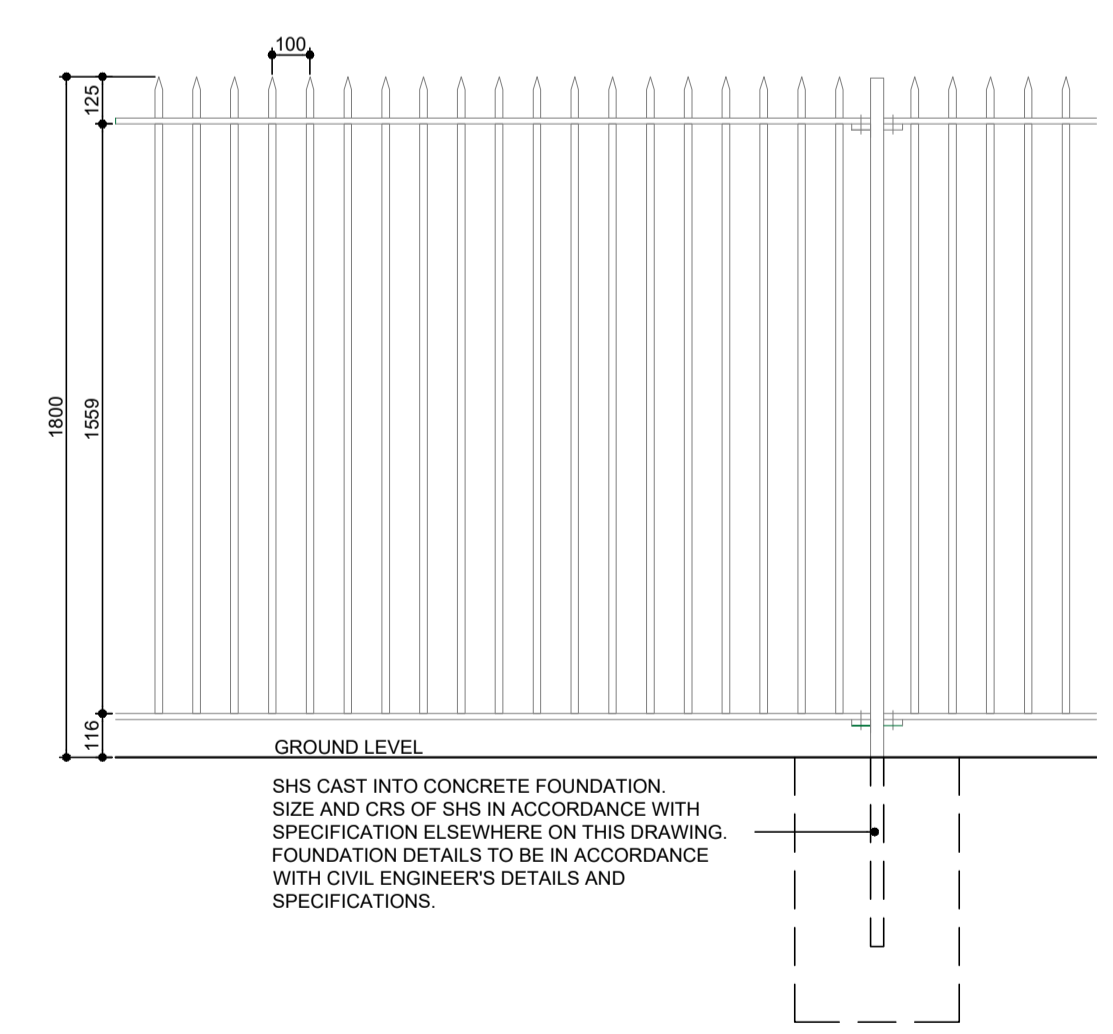
04 ELEVATION TO GATE G-01
SCALE: 1:50



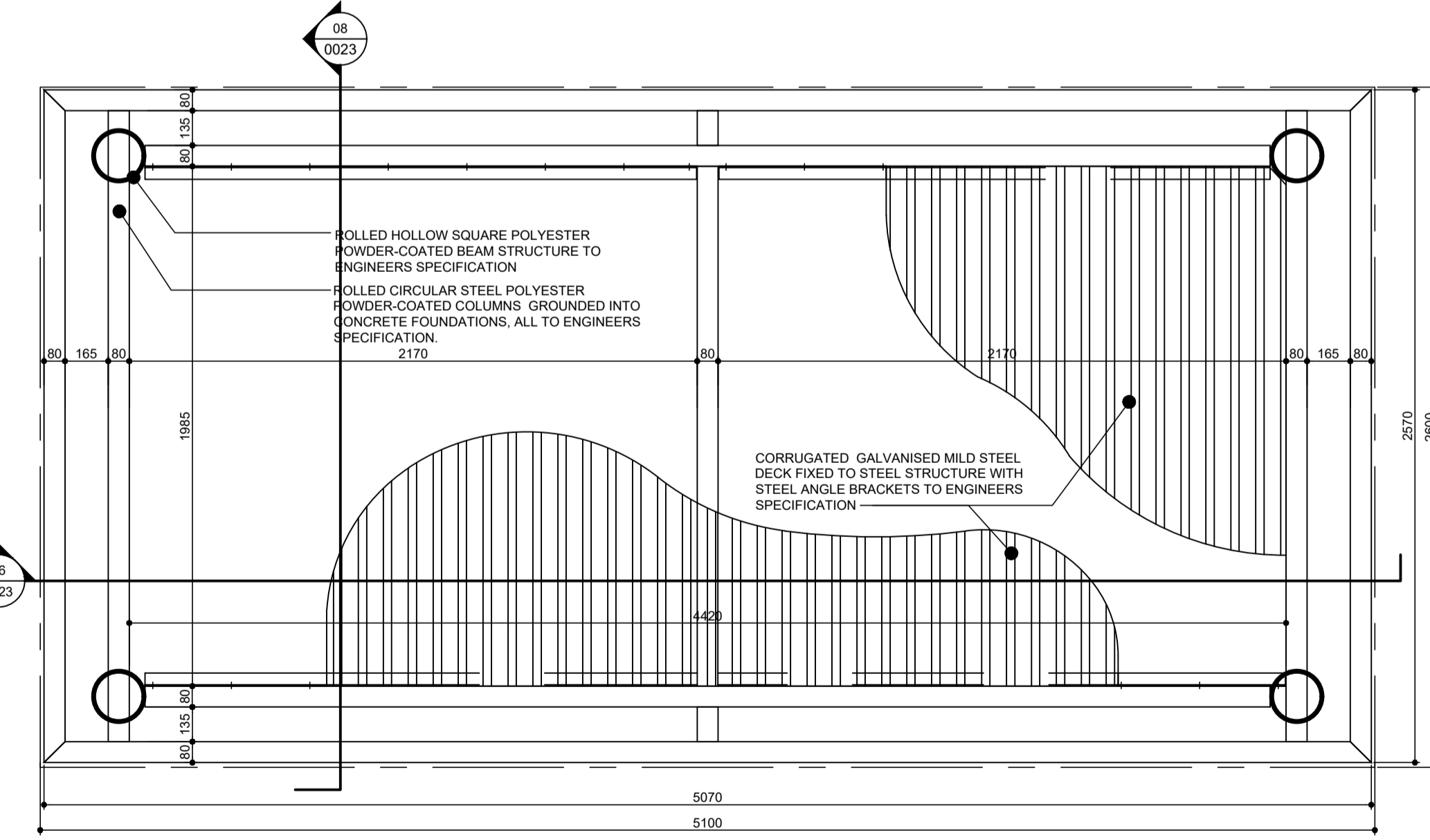
06 SECTION OF GATE G-01 CANOPY
SCALE: 1:20



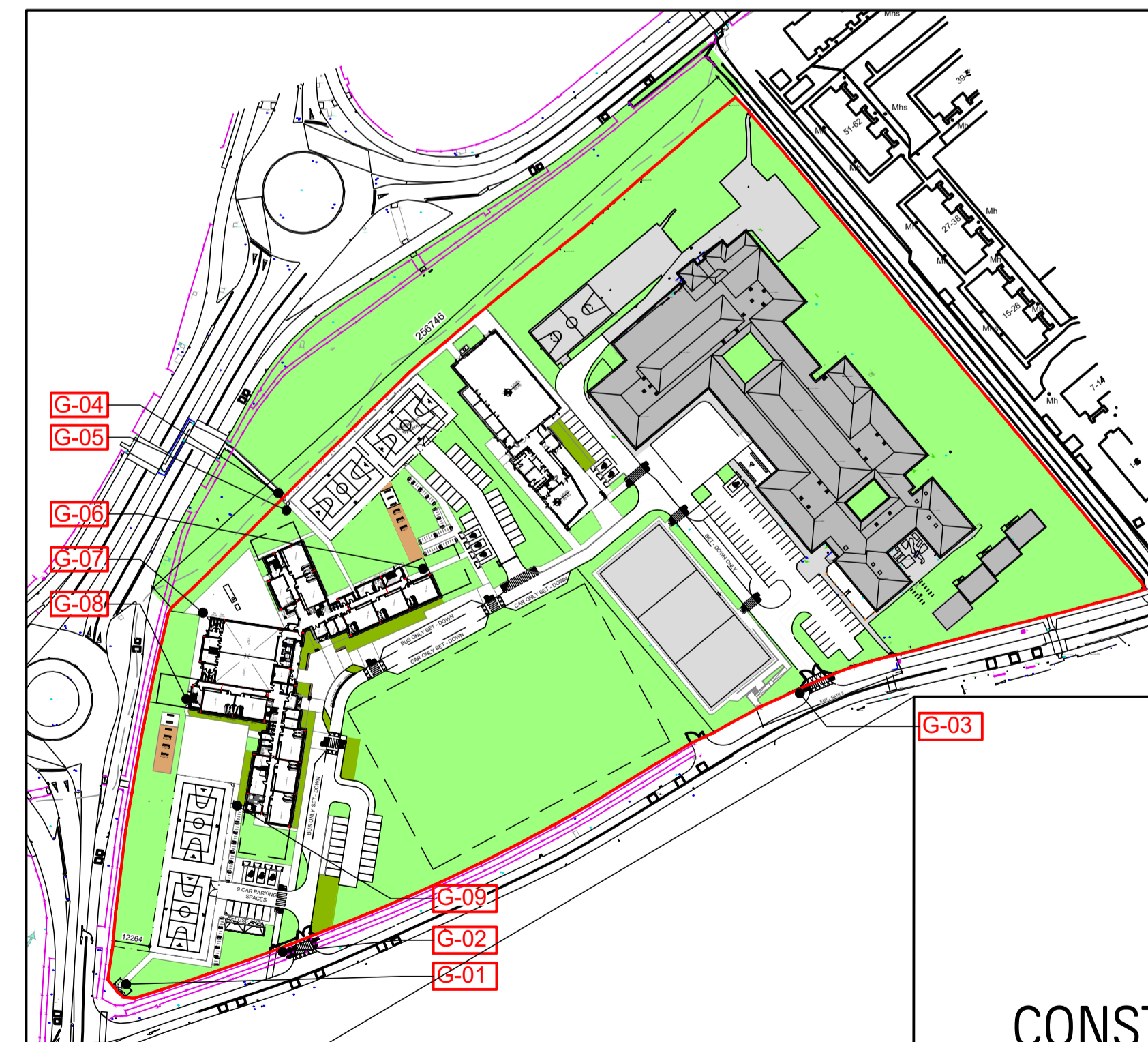
08 SECTION OF GATE G-01 CANOPY
SCALE: 1:20



05 TYPICAL ELEVATION DETAIL TO FENCE TYPE 1
SCALE: 1:20



07 PLAN OF GATE G-01 CANOPY
SCALE: 1:20



09 SITE PLAN
SCALE: N.T.S

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

TYPICAL FENCE 1
Railings to consist of punched flat top and bottom rails with 20x20mm infill bars. Bars to be finished with capped safe square top. Supporting posts to be mild steel box section 50x50mm at maximum 2.8m crs. POST & FENCE FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav. PANELS: Height: 1800mm. Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres) with capped safe square top. Rails: 2n 50x10 Horizontal Flat Bar. FITTINGS: Irlen 10mm Anti Vandal Bolts or equal and approved fixings. Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

TYPICAL FENCE 2
Striped appearance mesh, crimped for rigidity and strength. FINISH: Hot dipped galvanising to BS EN ISO 1461: 1999 with powder coating to BS 6497 - Plasglav. POST: 60x60mm posts at 3070mm centres for fence height of 2.4m. PANELS: Wires: Vertical 4mm. Wires: Horizontal 6mm. Aperture: 16mm x 150mm-min, 35 x 150mm - max. Reinforcing: Crimped. Panel Finish: Wire zinc treated substrate and Polyester Powder Coating to BS 6497. FITTINGS: Irlen Steel clips with 8mm Anti Vandal Bolts. FITTING: Posts erected plumb and level in concrete bases minimum size 350x350x600mm base using min 25N concrete. Trowel finish weathered to shed water where concrete is exposed.

SWING GATE
FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav. POSTS: 150x150mm SHS two or four leg frame. GATE FRAMES: 150x 150mm mitred corners with fully welded joints. Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres). CONSTRUCTION: All joints fully welded except where specified. OPERATION: Swing Double Gate to four post support frame with 160 OD support wheels fitted within the frame of the gates running on Irlen track system with safety fittings to retain gate within frame. Gates to be manually operated. FITTINGS: Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

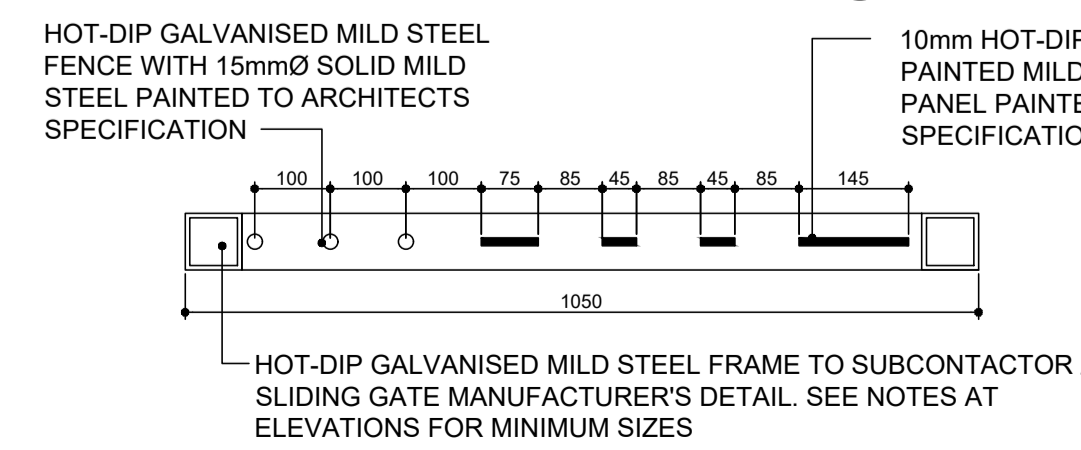
SINGLE SWING PEDESTRIAN GATE
FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav. POSTS: 100x50mm SHS. GATE FRAMES: 60x40mm mitred corners with fully welded joints. INFILL: Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres). FITTINGS: Drop Bolt and receiver, Locking Device to be provided. Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

DOUBLE SWING GATE
FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav. POSTS: 1000 to 4000mm ope - 100x100mm SHS. 4000 to 6000mm ope - 150x150mm SHS. 6000mm+ - 200x200mm SHS. GATE FRAMES: 150x 150mm mitred corners with fully welded joints. INFILL: Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres). CONSTRUCTION: All joints fully welded except where specified. FITTINGS: Drop Bolt and receiver, Locking Device to be provided. Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/ST-0023

NOTES:
(c) COPYRIGHT MCOH ARCHITECTS FOR INFORMATION PURPOSES ONLY USE FIGURED DIMENSIONS ONLY

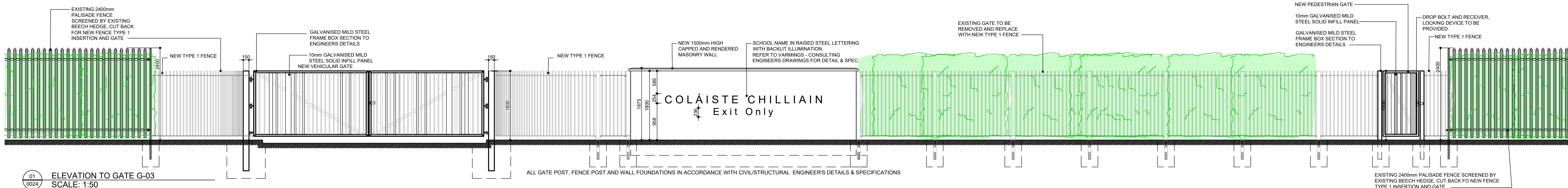


06 TYPICAL PLAN DETAIL TO PEDESTRIAN GATE G03 & G04
SCALE: 1:10

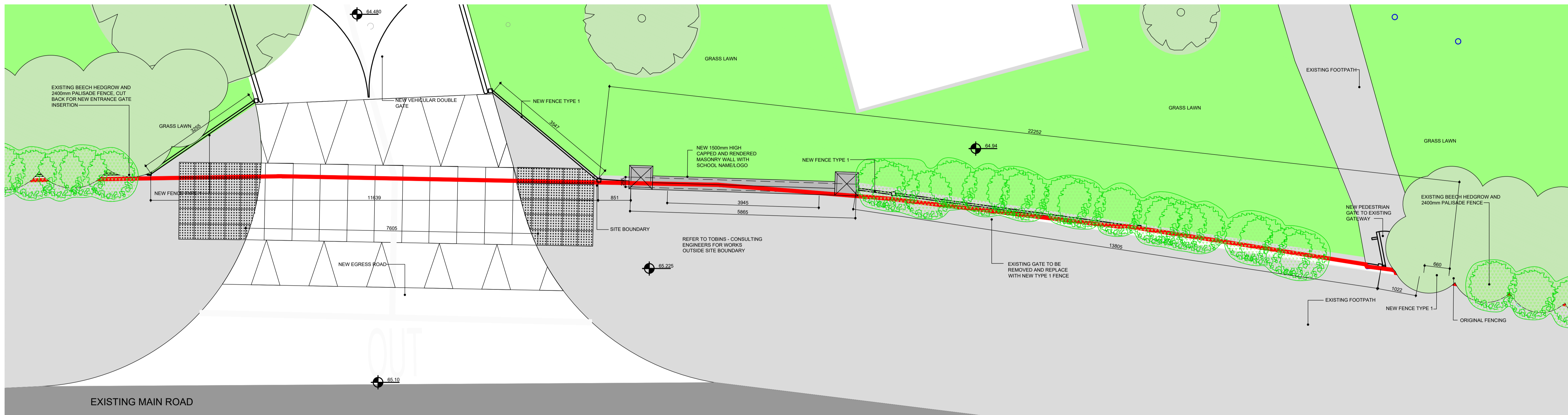
01 SITE DETAILS - SHEET 3
0023 VARIES @ A1

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DOES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 3
SCALE: VARIES@A1 DATE: MAR 2021
DRAWING No: 20-13/TD/ST-0023

McCarthy O'Hara architects, Old Church, Church St, Portlaoise, Co. Laois T: (057) 8622566 F: (057) 8621078 W: www.mcoh.ie E: info@mcoh.ie



01
0024 ELEVATION TO GATE G-03
SCALE: 1:50



02
0024 PLAN TO GATE G-03
SCALE: 1:50

**Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)**

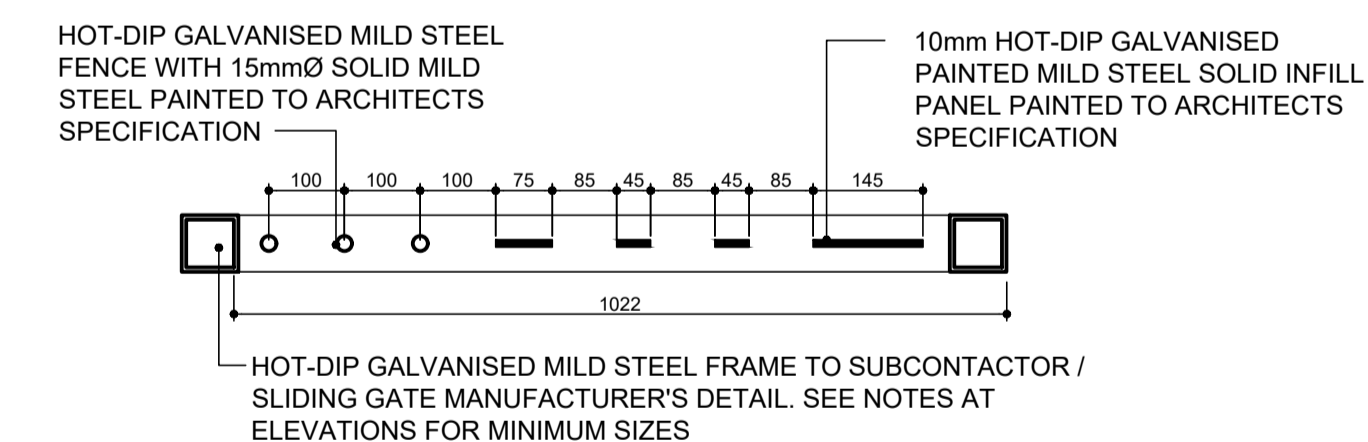
TYPICAL FENCE 1
Railings to consist of punched flat top and bottom rails with 20x20mm infill bars. Bars to be finished with capped safe square top. Supporting posts to be mild steel box section 50x50mm at maximum 2.8m crs.
POST & FENCE FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasgley.
PANELS:
Height: 1800mm
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres) with capped safe square top.
Rails: 2no 50x10 Horizontal Flat Bar
FIXINGS:
Irfen 10mm Anti Vandal Bolts or equal and approved fixings
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

SINGLE SWING GATE - FOR FENCE TYPE 1

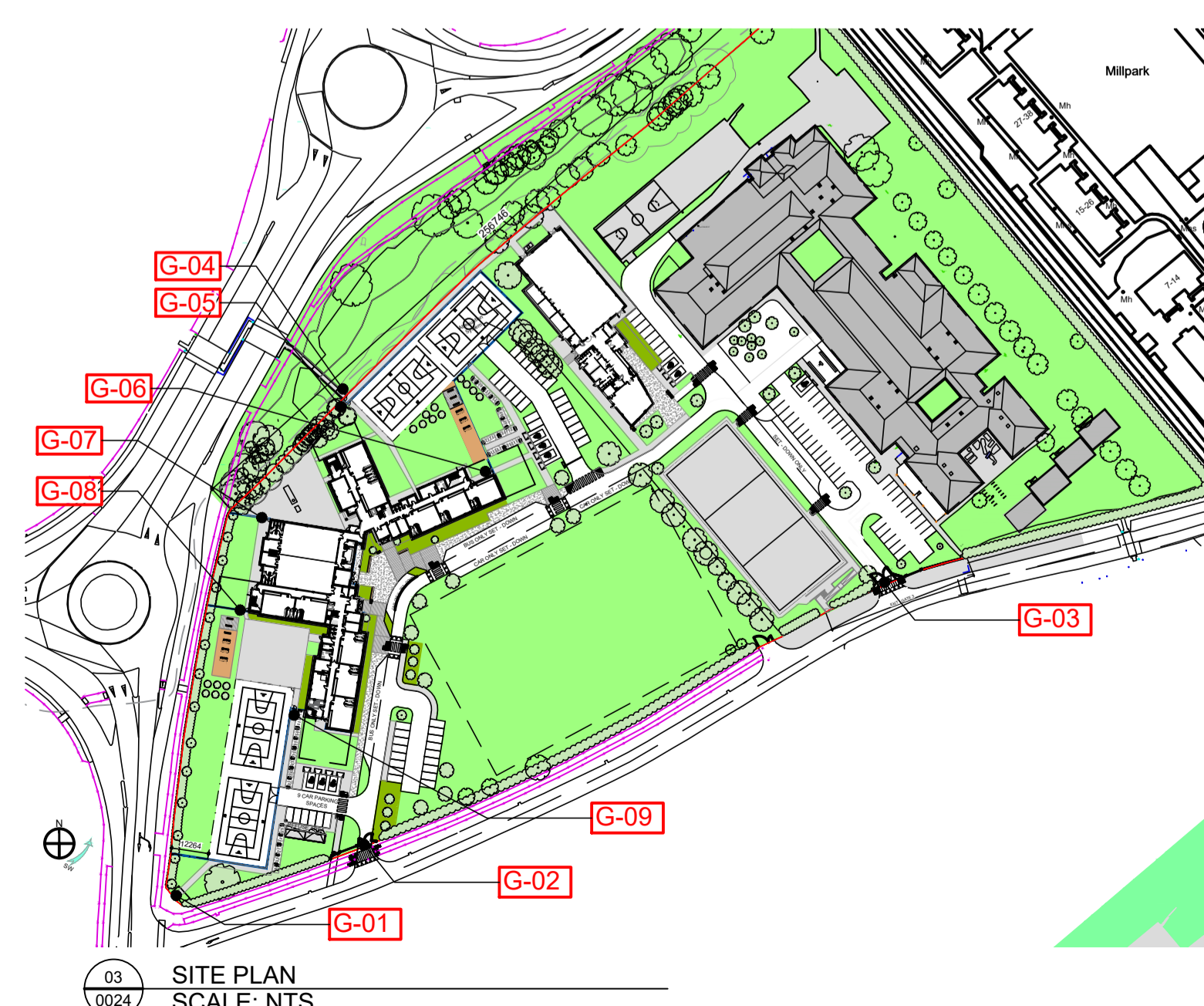
FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 primed & painted to Architects Specification
POSTS:
SHS in accordance with Structural Engineer's details and specifications
GATE FRAMES:
Steel sections. Minimum sizes in accordance with notes on elevations on Architect's drawings with mitred corners and fully welded joints
INFILL:
15mmØ vertical solid sections with 10mm thick solid flat vertical sections and cross bracing all in accordance with notes on elevations on Architect's drawings
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Structural Engineer's drawings. Top of concrete base to be kept down below finished hard landscaping level sufficient to allow for complete depth of type of finish in relevant area, e.g. **tarmac, paving etc.**

DOUBLE SWING GATE (VEHICULAR AND PEDESTRIAN) - FOR FENCE TYPE 1

FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 primed & painted to Architects Specification
POSTS:
SHS in accordance with Structural Engineer's details and specifications
GATE FRAMES:
Steel sections. Minimum sizes in accordance with notes on elevations on Architect's drawings with mitred corners and fully welded joints
INFILL:
15mmØ vertical solid sections with 10mm thick solid flat vertical sections and cross bracing all in accordance with notes on elevations on Architect's drawings
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Structural Engineer's drawings. Top of concrete base to be kept down below finished hard landscaping level sufficient to allow for complete depth of type of finish in relevant area, e.g. **tarmac, paving etc.**



03
0024 TYPICAL PLAN DETAIL TO PEDESTRIAN GATE G03 & G04
SCALE: 1:10



01
0024 SITE DETAILS - SHEET 4
VARIES @ A1

03
0024 SITE PLAN
SCALE: NTS

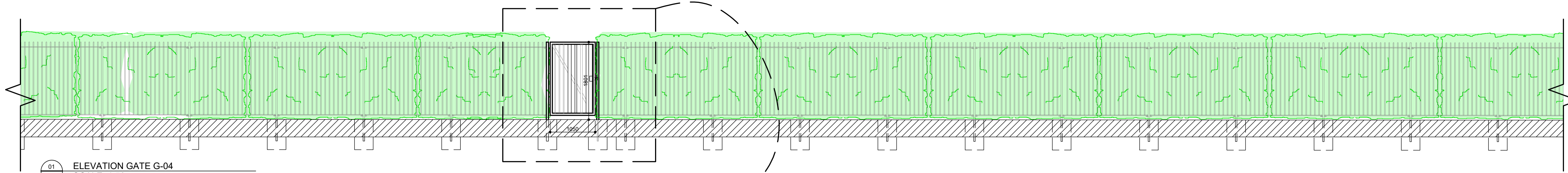
REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/ST-0024

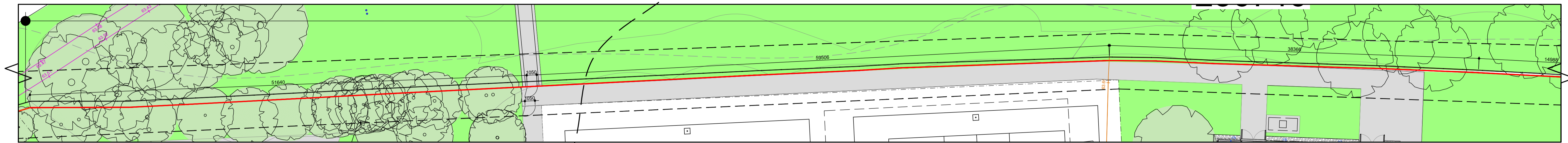
CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: D&ES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 4
SCALE: VARIES@A1 DATE: MAR 2021
DRAWING No: 20-13/TD/ST-0024

mcsh
DRAWN BY: NMA
REV

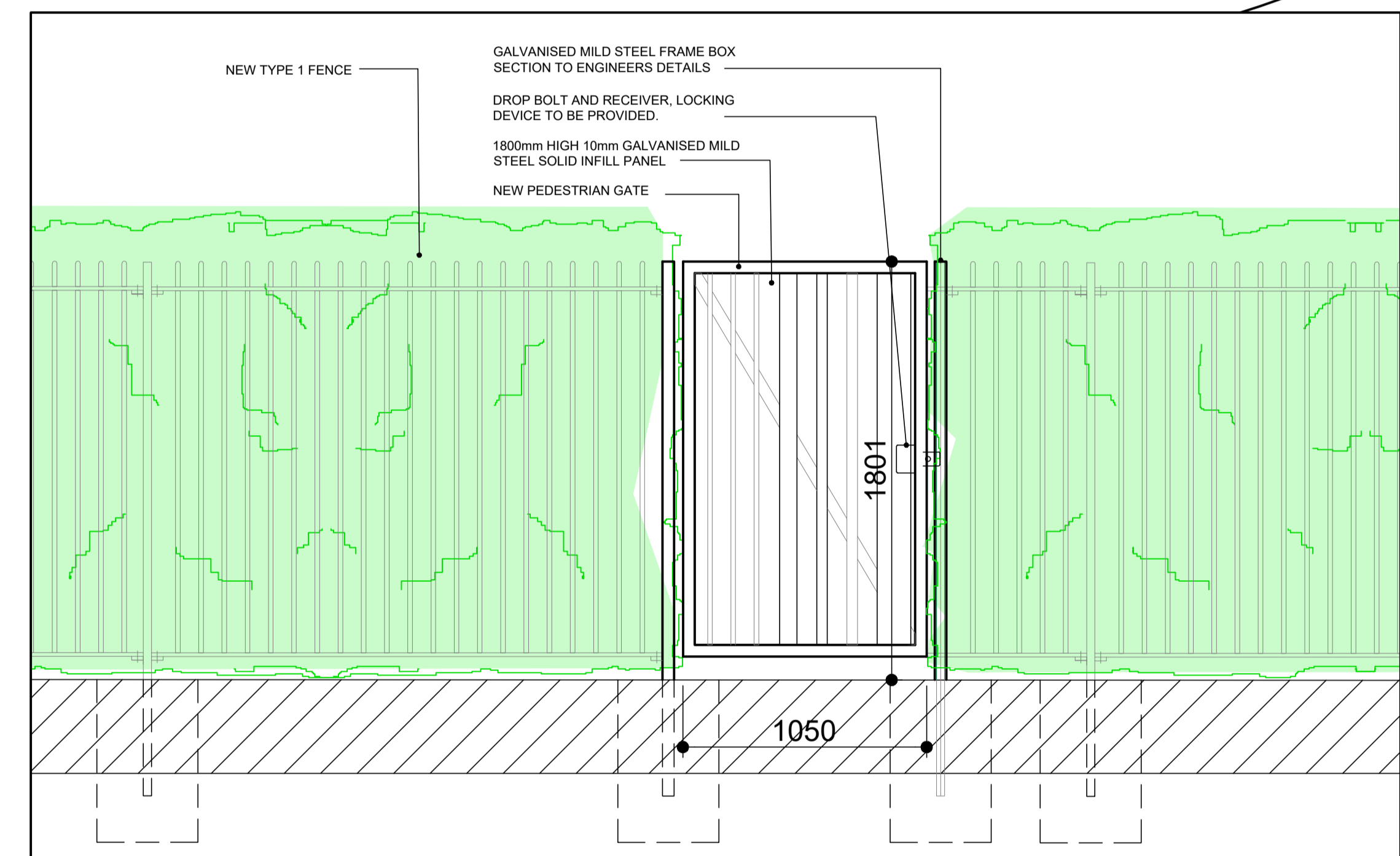
NOTES:
(c) COPYRIGHT MCOH ARCHITECTS FOR INFORMATION PURPOSES ONLY USE FIGURED DIMENSIONS ONLY



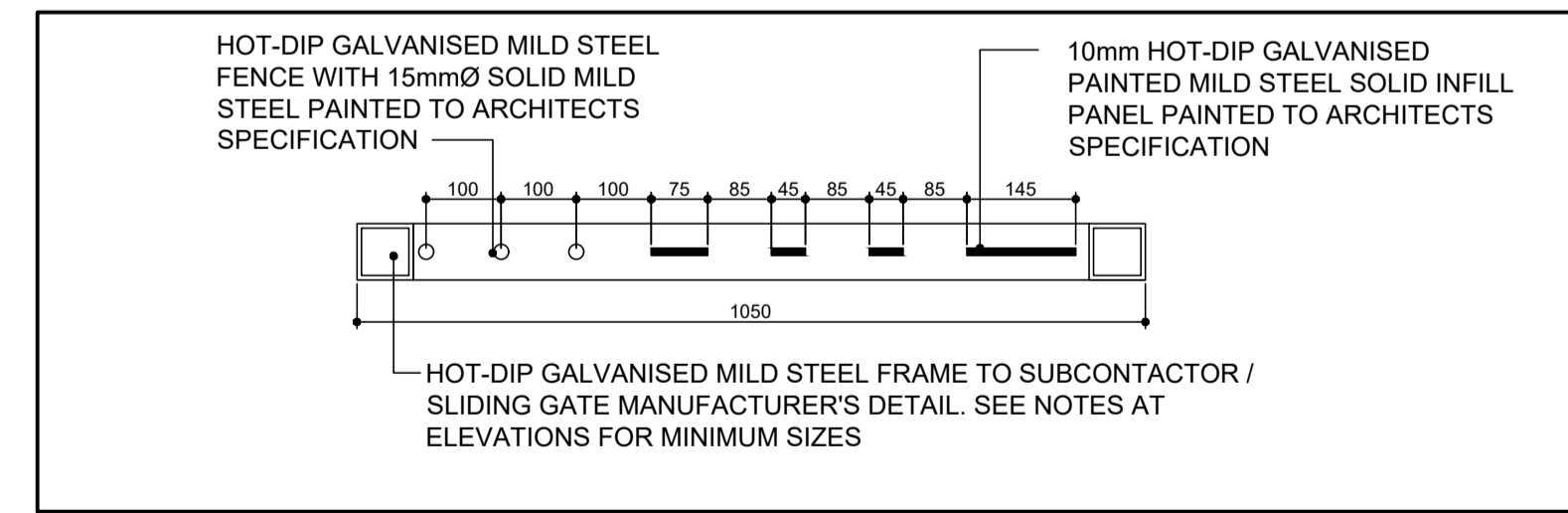
01
0025 ELEVATION GATE G-04
SCALE: 1:50



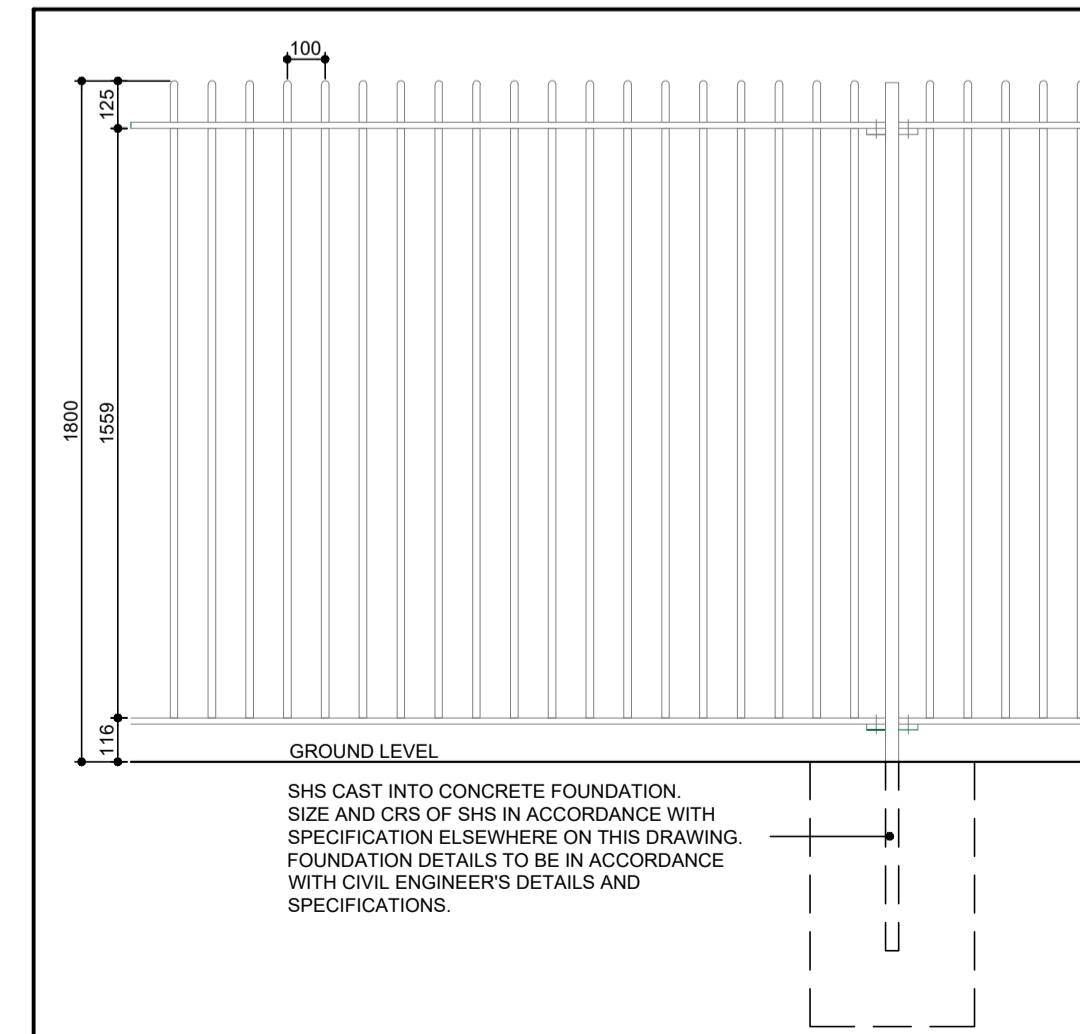
02
0025 PLAN TO GATE G-04 & 05
SCALE: 1:200



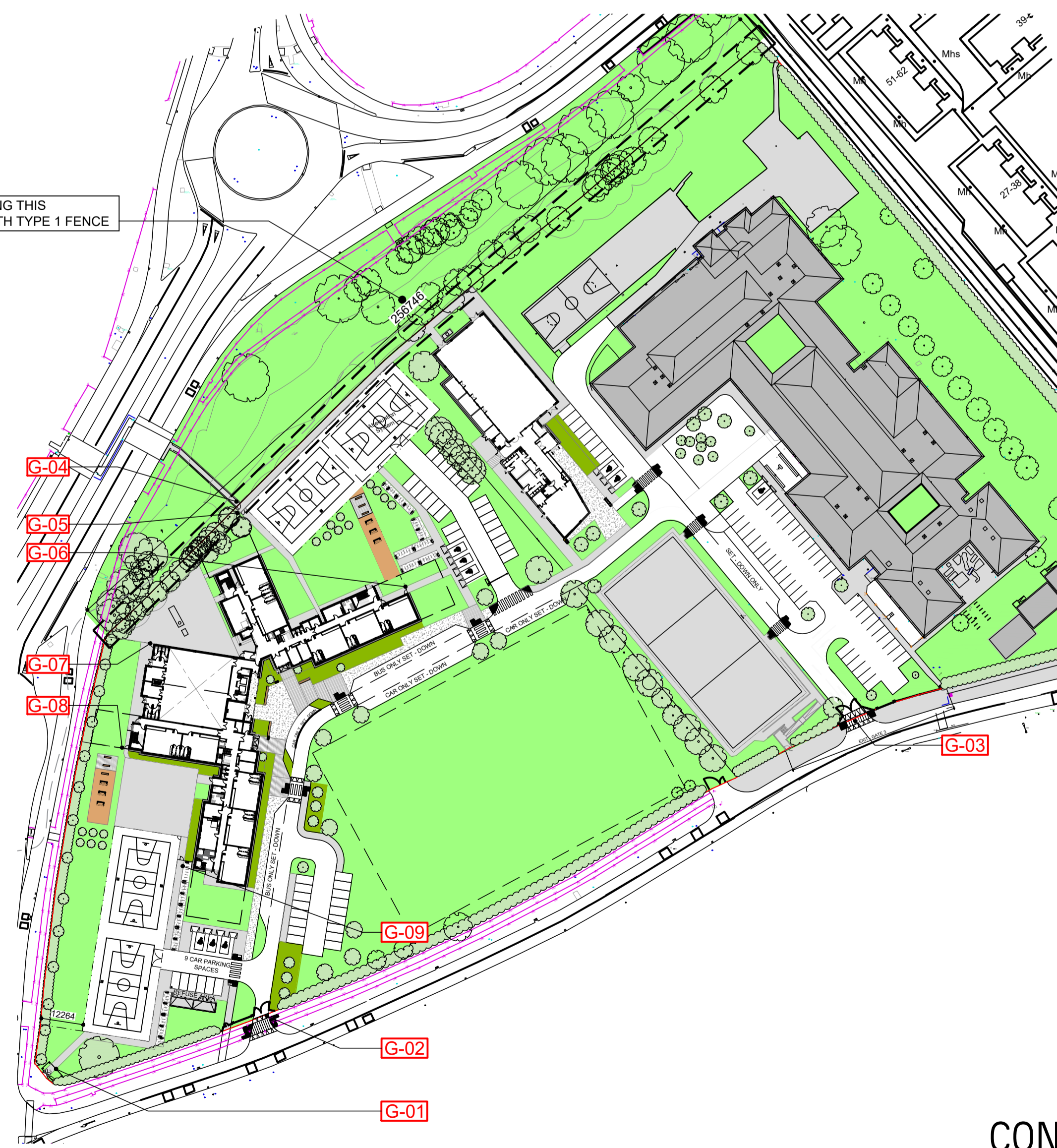
03
0025 ELEVATION TO GATE G-04
SCALE: 1:20



04
0025 TYPICAL PLAN DETAIL TO PEDESTRIAN GATE
SCALE: 1:10



05
0025 TYPICAL ELEVATION DETAIL TO FENCE TYPE 1
SCALE: 1:20



01
0025 SITE PLAN
SCALE: N.T.S



IMAGE OF FENCE TYPE 1

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

TYPICAL FENCE 1
Railings to consist of punched flat top and bottom rails with 20x20mm infill bars. Bars to be finished with capped safe square top.
Supporting posts to be mild steel box section 50x50mm at maximum 2.8m crs.
POST & FENCE FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglow
PANELS:
Height: 1800mm
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres) with capped safe square top.
Roller: 2no 50x10 Horizontal Flat Bar
FIXINGS:
Irlen 10mm Anti Vandal Bolts or equal and approved fixings
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

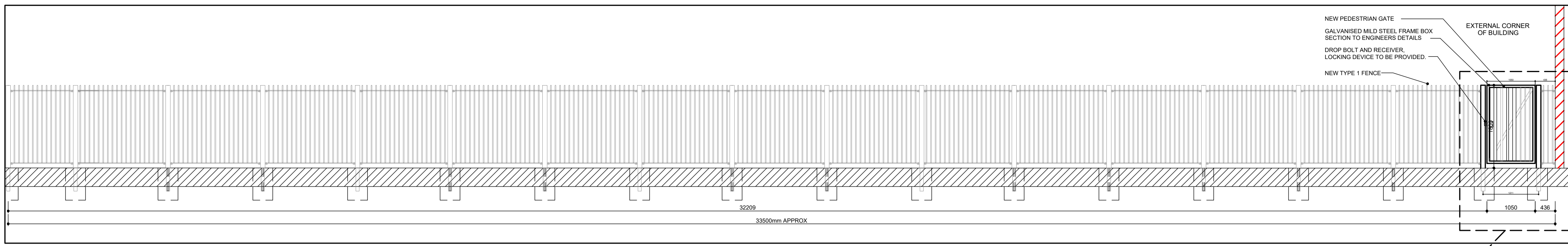
SINGLE SWING PEDESTRIAN GATE
FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglow
POSTS:
100x50mm SHS
GATE FRAMES:
60x40mm mitred corners with fully welded joints
INFILL:
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres).
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FIXINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

REV	DATE	DESCRIPTION	BY

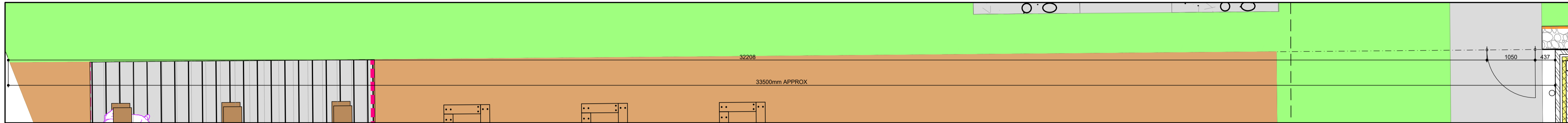
CONSTRUCTION/20-13/CN/ST-0025

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 5
SCALE: VARIES@A1 DATE: MAR 2021
DRAWN BY: NMA
REVISIONS: 1
DRAWING No: 20-13/TD/ST-0025

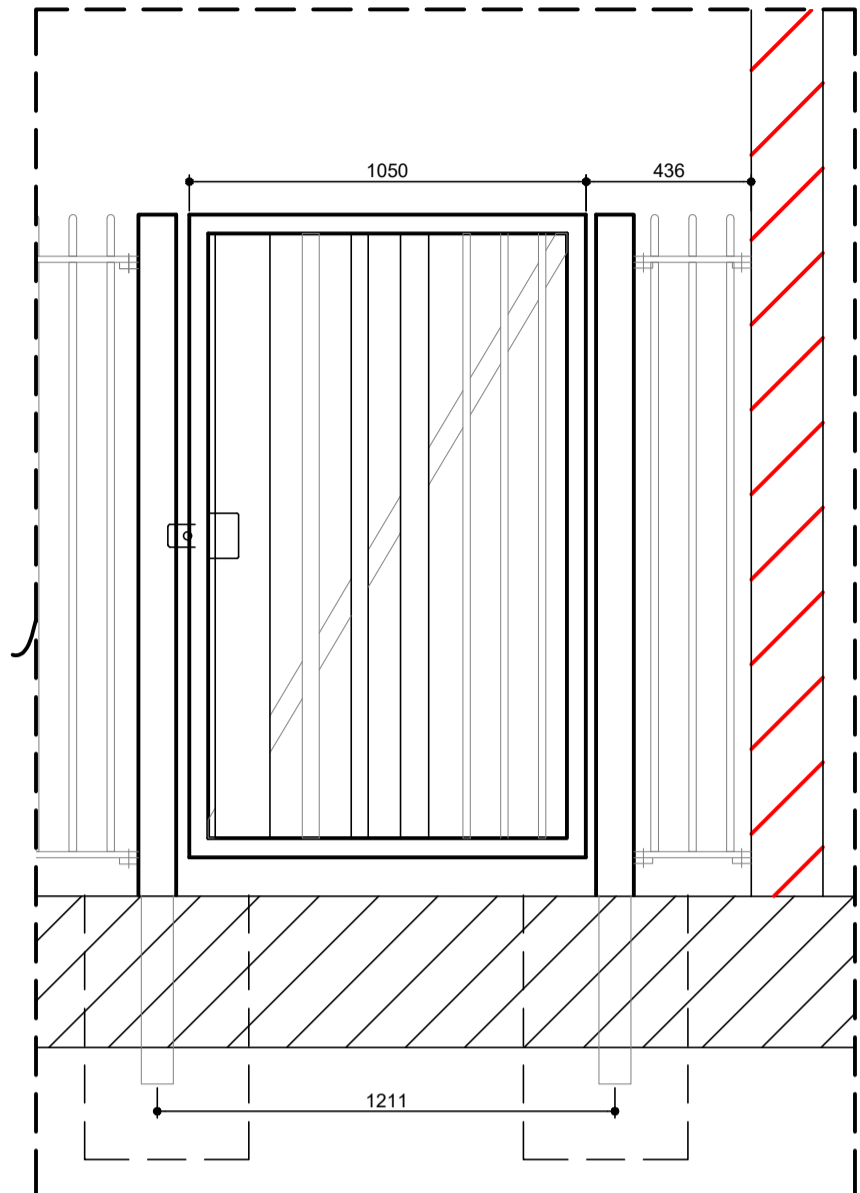
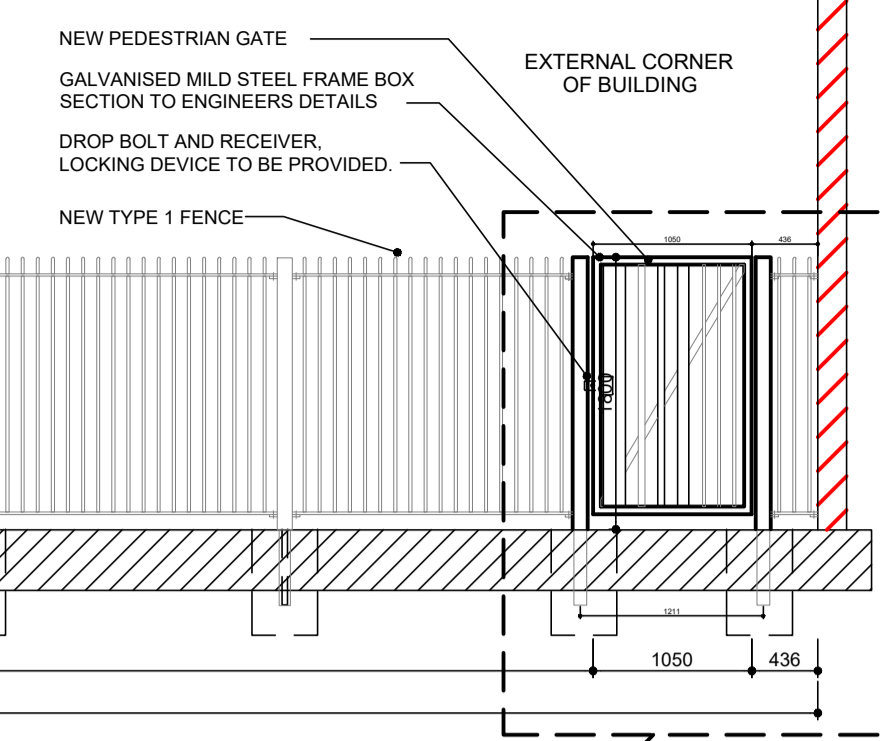
NOTES:
(c) COPYRIGHT MCOH ARCHITECTS
FOR INFORMATION PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY



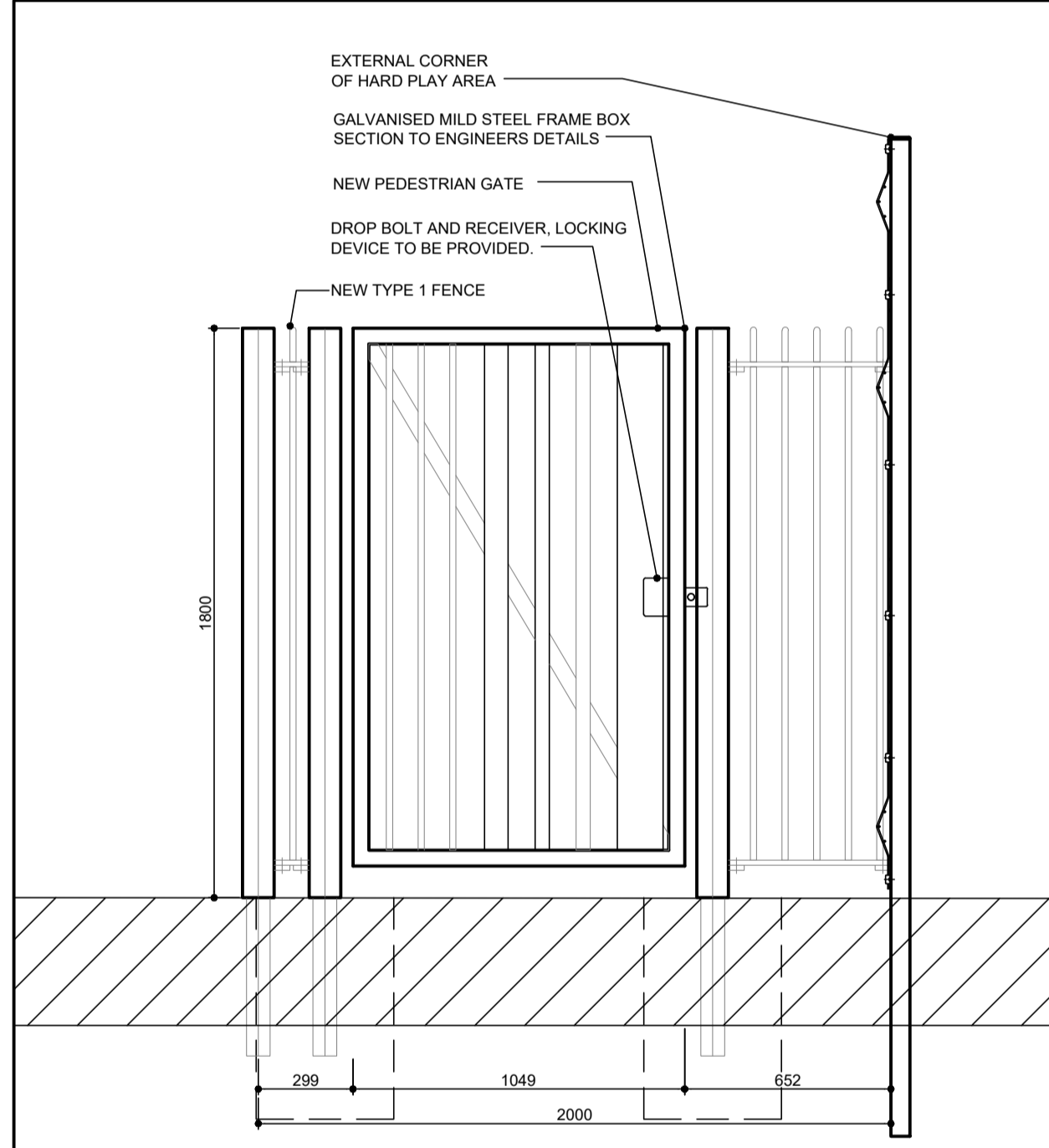
0026 ELEVATION TO GATE G-06
SCALE: 1:50



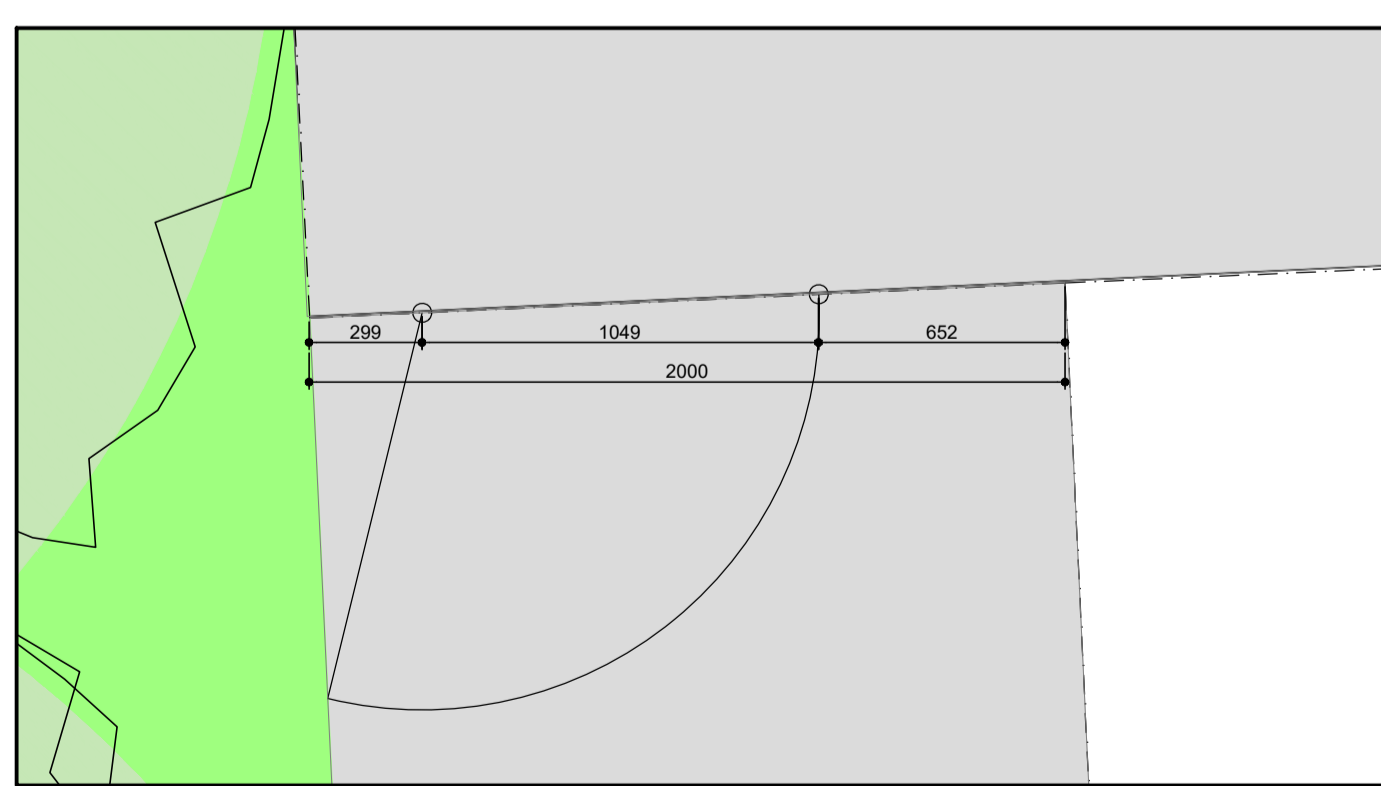
0026 PLAN TO GATE G-06
SCALE: 1:50



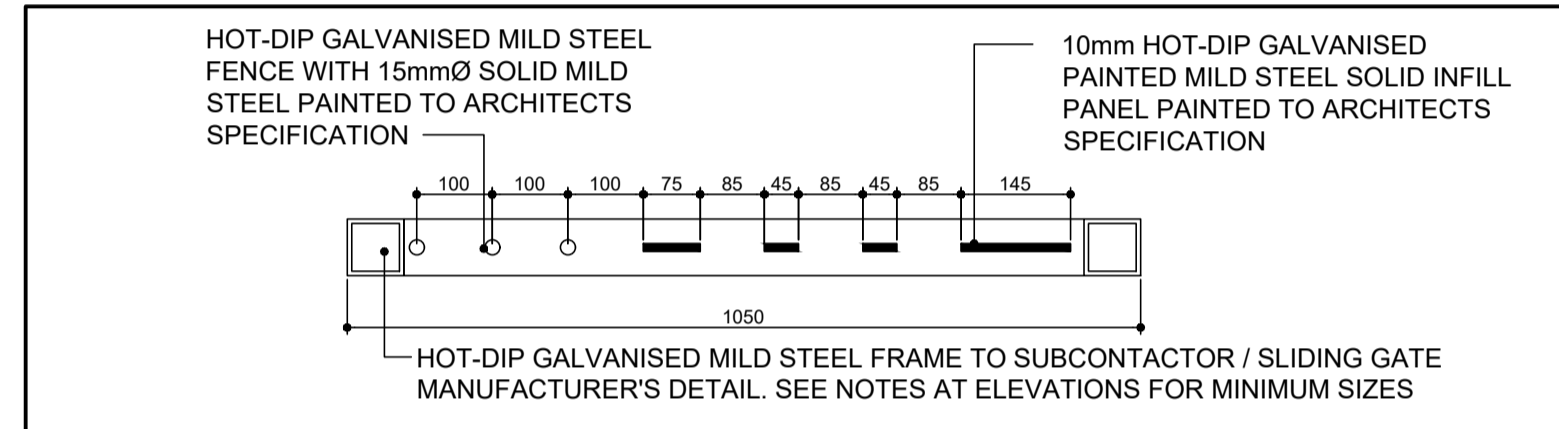
0026 ELEVATION TO GATE G-06
SCALE: 1:20



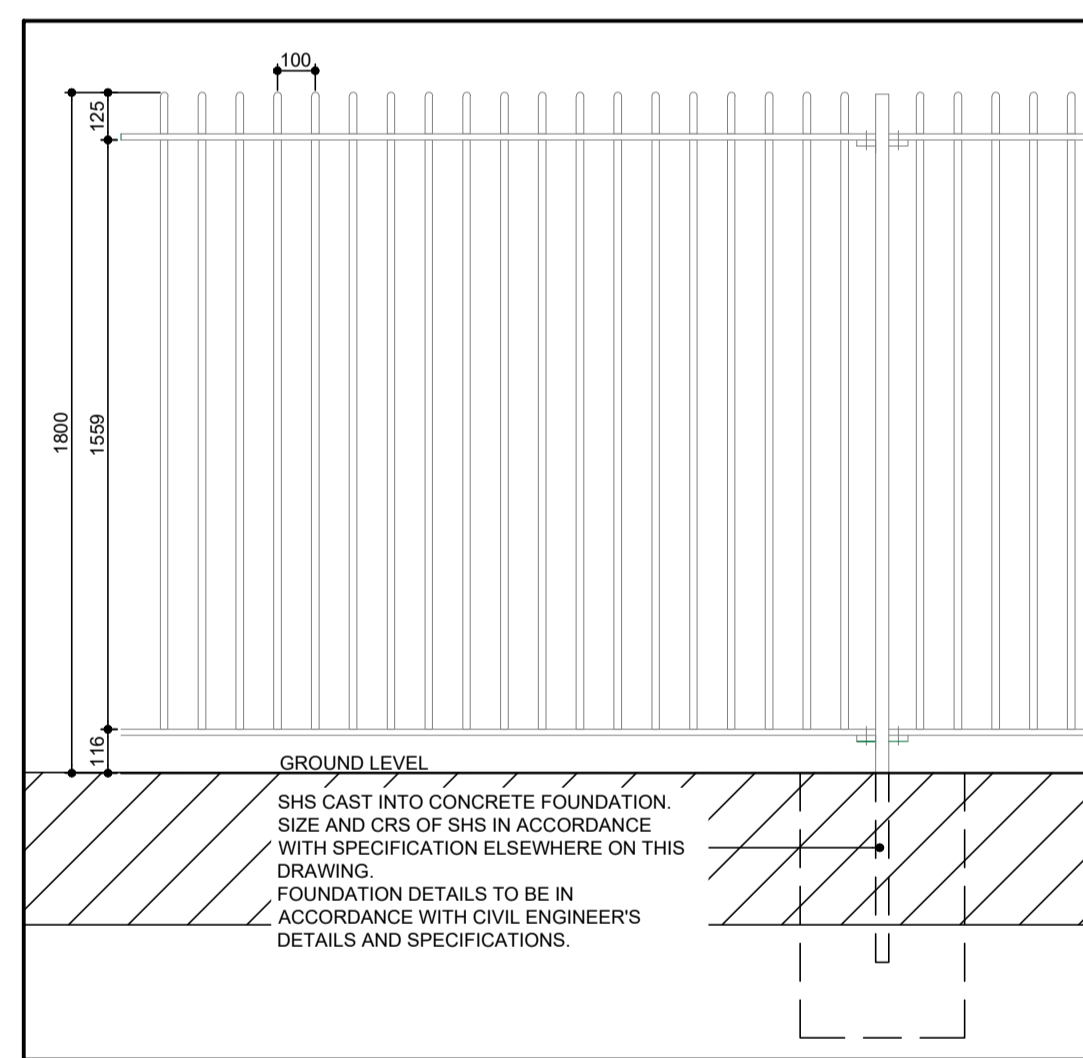
0026 ELEVATION TO GATE G-05
SCALE: 1:20



0026 PLAN TO GATE G-05
SCALE: 1:20



04 0026 TYPICAL PLAN DETAIL TO PEDESTRIAN GATE
SCALE: 1:10



05 0026 TYPICAL ELEVATION DETAIL TO FENCE TYPE 1
SCALE: 1:20



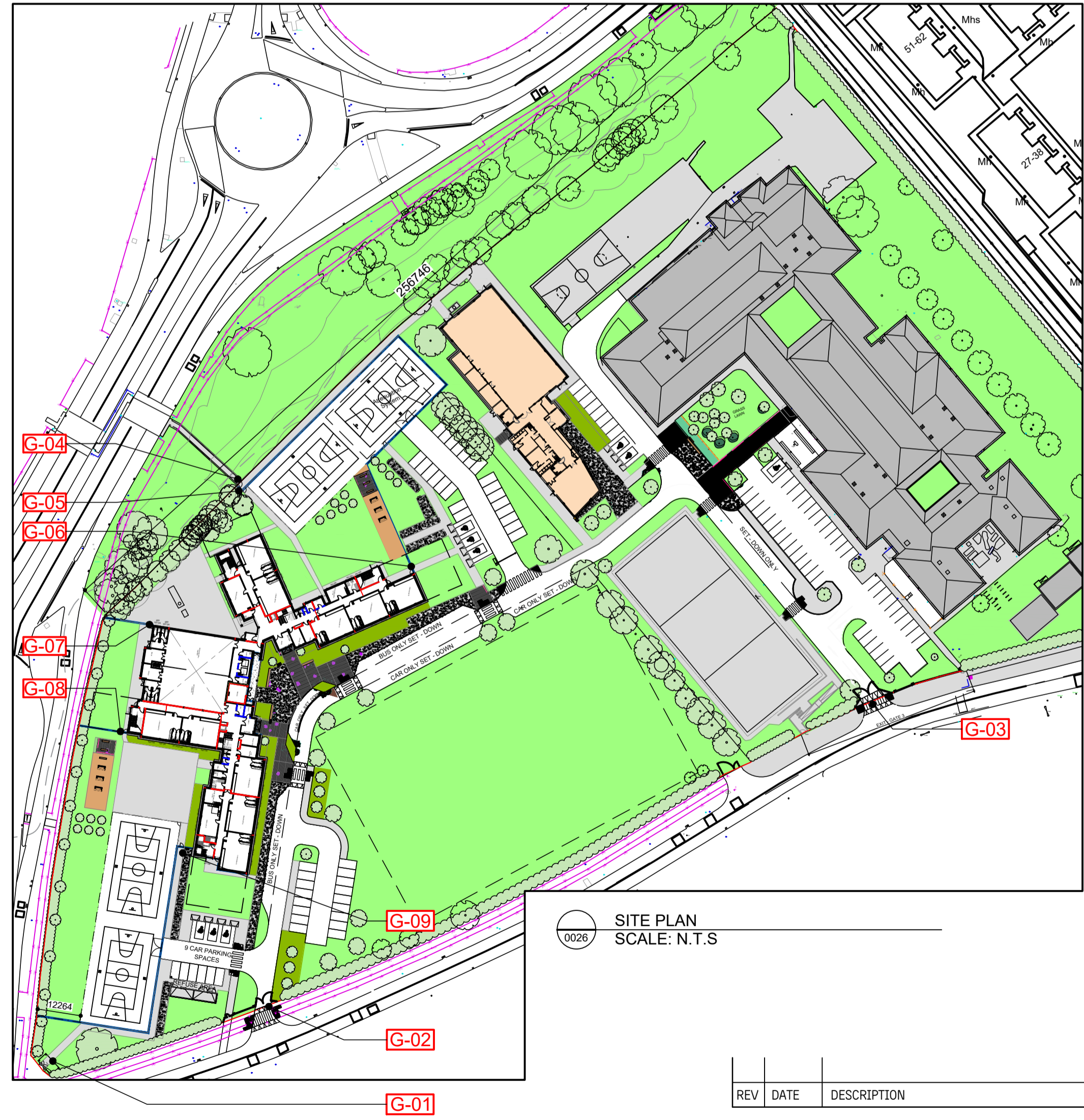
IMAGE OF FENCE TYPE 1

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

TYPICAL FENCE 1
Railings to consist of punched flat top and bottom rails with 20x20mm infill bars. Bars to be finished with capped safe square top. Supporting posts to be mild steel box section 50x50mm at maximum 2.8m crs.
POST & FENCE FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav
PANELS: Height: 1800mm
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres) with capped safe square top.
RAILS: 2nd 50x10 Horizontal Flat Bar
FIXINGS: Irlen 10mm Anti Vandal Bolts or equal and approved fixings
FITTINGS: Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

SINGLE SWING PEDESTRIAN GATE
FINISH: Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Plasglav
POSTS: 100x50mm SHS
GATE FRAMES: 60x40mm milled corners with fully welded joints
INFILL: Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres).
FITTINGS: Drop Bolt and receiver, Locking Device to be provided.
FIXINGS: Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in concrete base in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.



0026 SITE PLAN
SCALE: N.T.S

REV	DATE	DESCRIPTION	BY

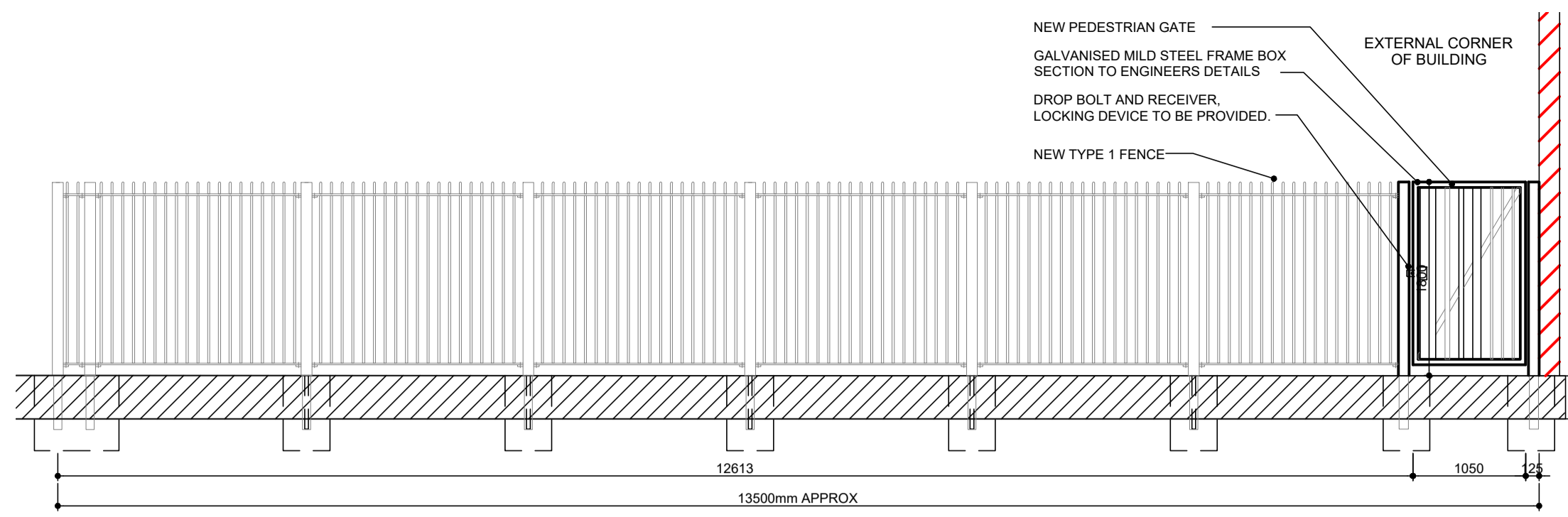
CONSTRUCTION/20-13/CN/ST-0026



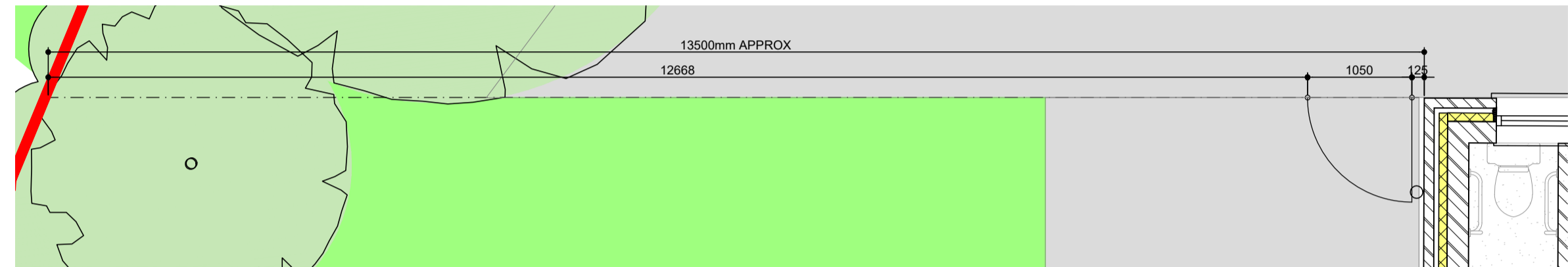
CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 6
SCALE: VARIES@A1 DATE: MAR 2021
DRAWING No: 20-13/TD/ST-0026



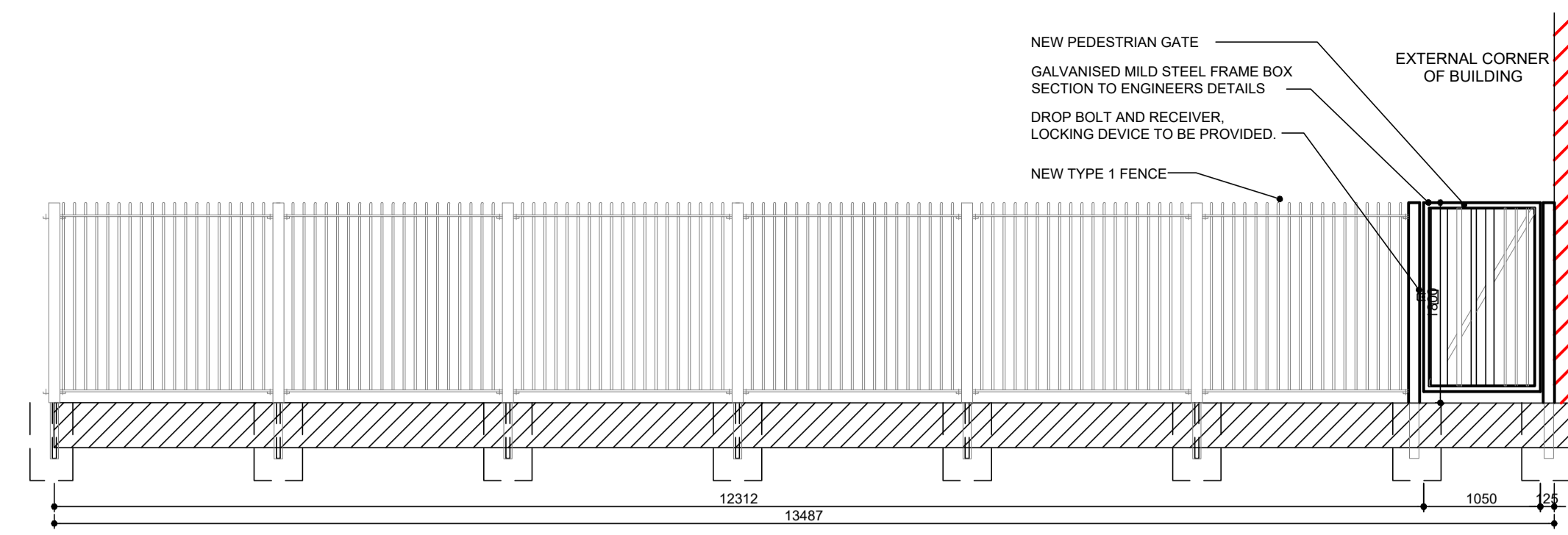
NOTES:
(c) COPYRIGHT MCOH ARCHITECTS
FOR INFORMATION PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY



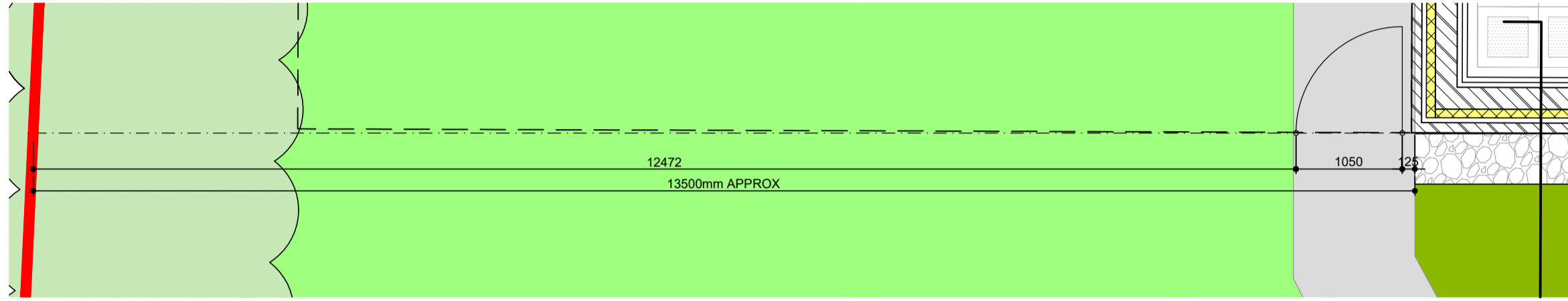
0027 ELEVATION TO GATE G-07
SCALE: 1:50



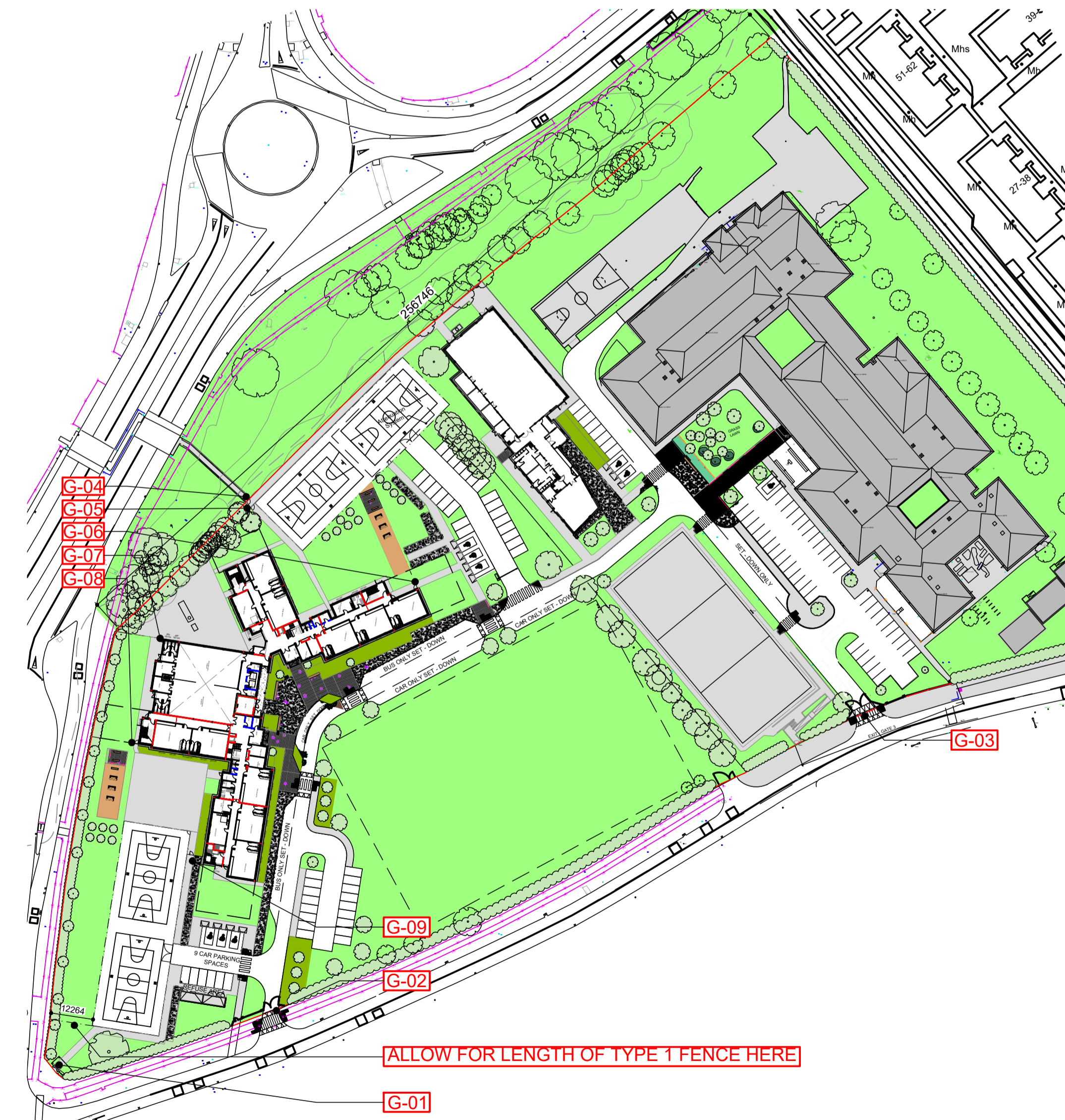
0027 PLAN TO GATE G-07
SCALE: 1:50



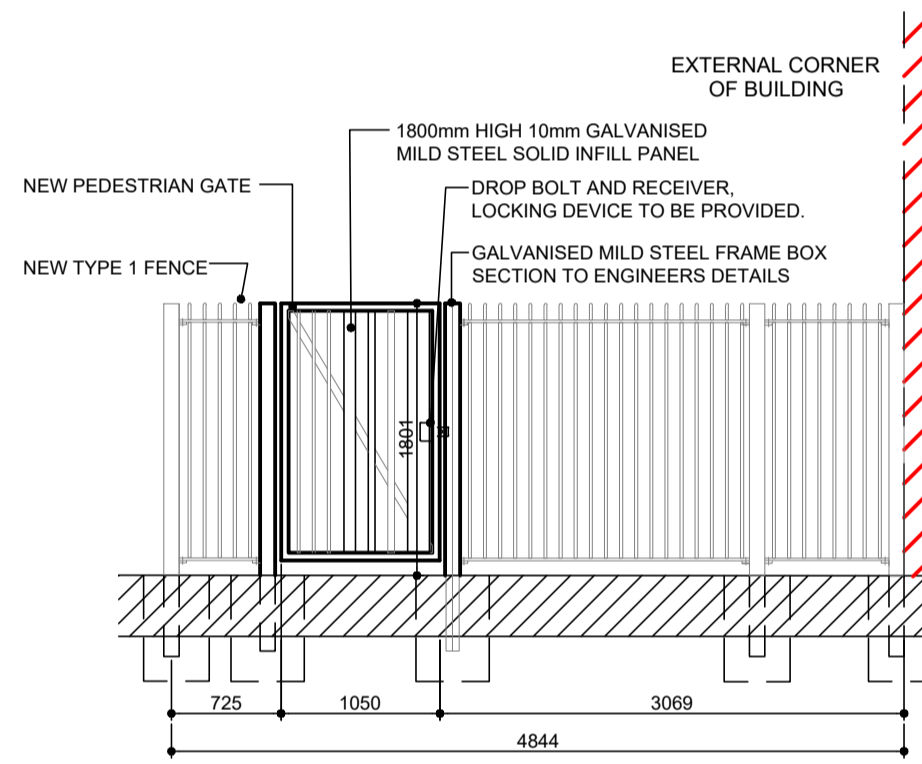
0027 ELEVATION TO GATE G-08
SCALE: 1:50



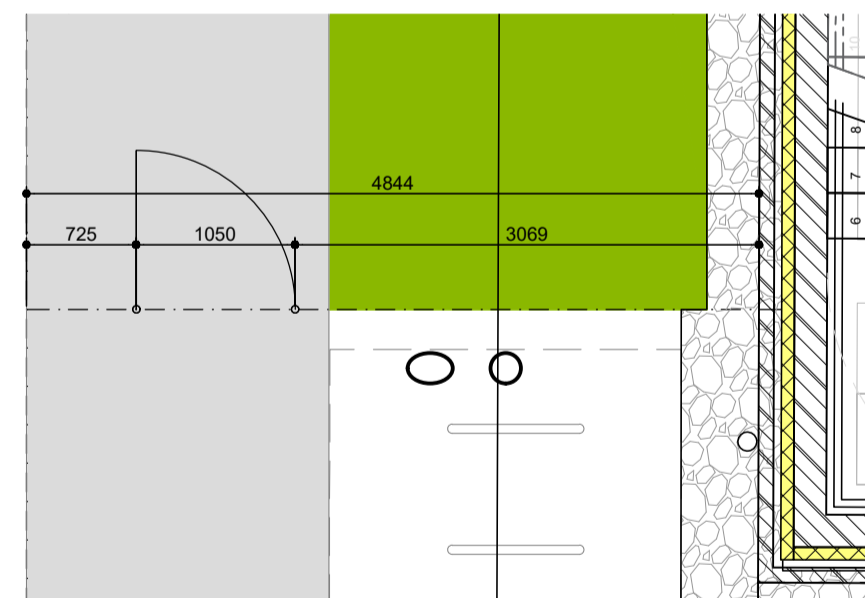
0027 PLAN TO GATE G-08
SCALE: 1:50



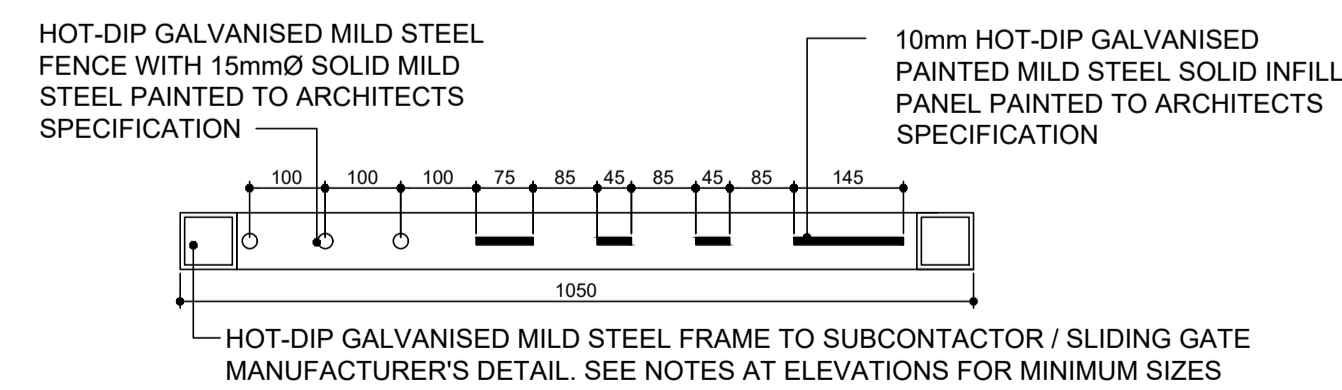
0027 SITE PLAN
SCALE: N.T.S.



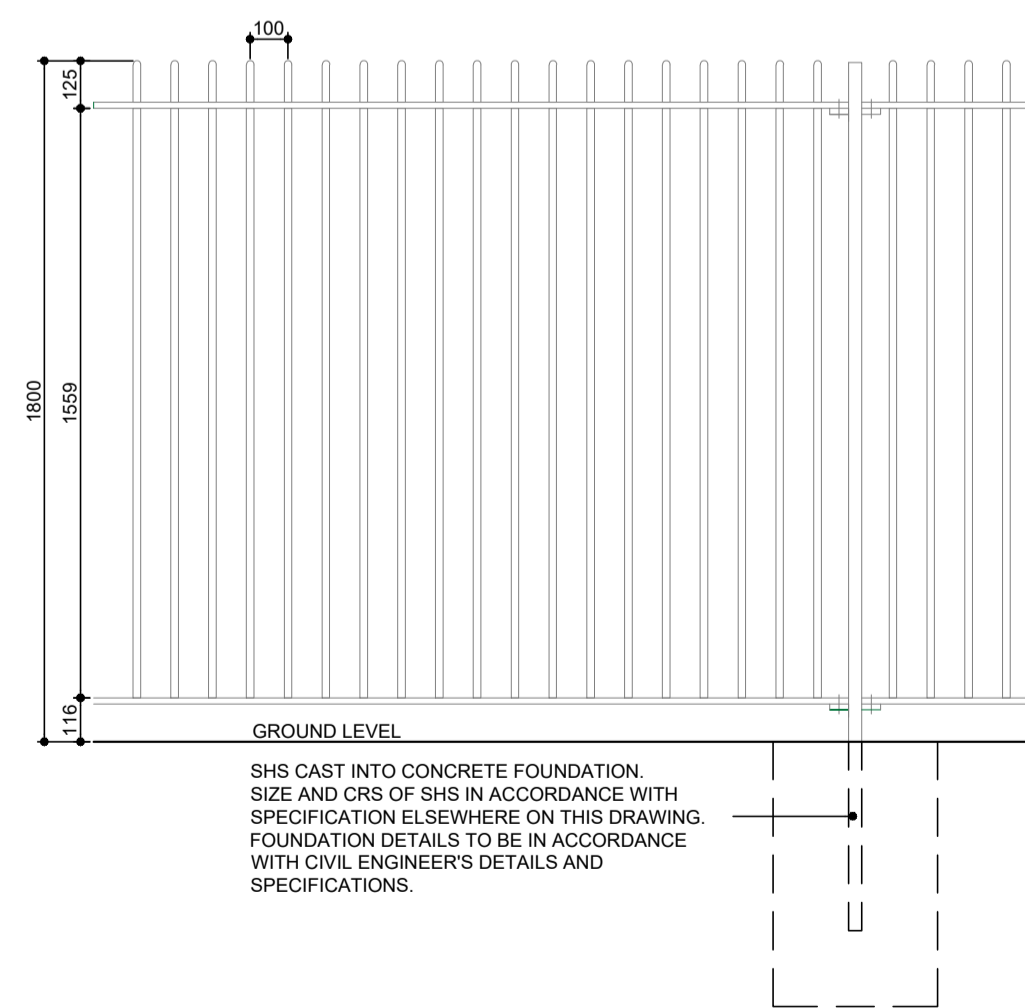
0027 ELEVATION TO GATE G-09
SCALE: 1:50



0027 PLAN TO GATE G-09
SCALE: 1:50



04 0027 TYPICAL PLAN DETAIL TO PEDESTRIAN GATE
SCALE: 1:10



05 0027 TYPICAL ELEVATION DETAIL TO FENCE TYPE 1
SCALE: 1:20



IMAGE OF FENCE TYPE 1

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

TYPICAL FENCE 1
Railings to consist of punched flat top and bottom rails with 20x20mm infill bars. Bars to be finished with capped safe square top.
Supporting posts to be mild steel box section 50x50mm at maximum 2.8m crs.
POST & FENCE FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Ploglory
PANELS:
Height: 1800mm
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres) with capped safe square top.
Rails: Zinc 50x10 Horizontal Flat Bar
FIXINGS:
Irfen 10mm Anti Vandal Bolts or equal and approved fixings
FITTINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

Specification for Material and Workmanship
(To be read in conjunction with Structural Engineers details and specifications)

SINGLE SWING PEDESTRIAN GATE
FINISH:
Hot dipped galvanising to BS EN ISO 1461:1999 with Polyester Powder Coating to BS 6497 - Ploglory
POSTS:
100x50mm SHS
GATE FRAMES:
60x40mm mitred corners with fully welded joints
INFILL:
Infill Size: 20x20 square hollow box with maximum 100mm gaps (maximum 120mm centres).
FITTINGS:
Drop Bolt and receiver, Locking Device to be provided.
FIXINGS:
Post and fencing to be fixed in accordance to manufacturers instructions. Posts erected plumb and level in accordance with Civil Engineer's Details and Specifications. Top of concrete base to be kept down to allow surface finish over the top.

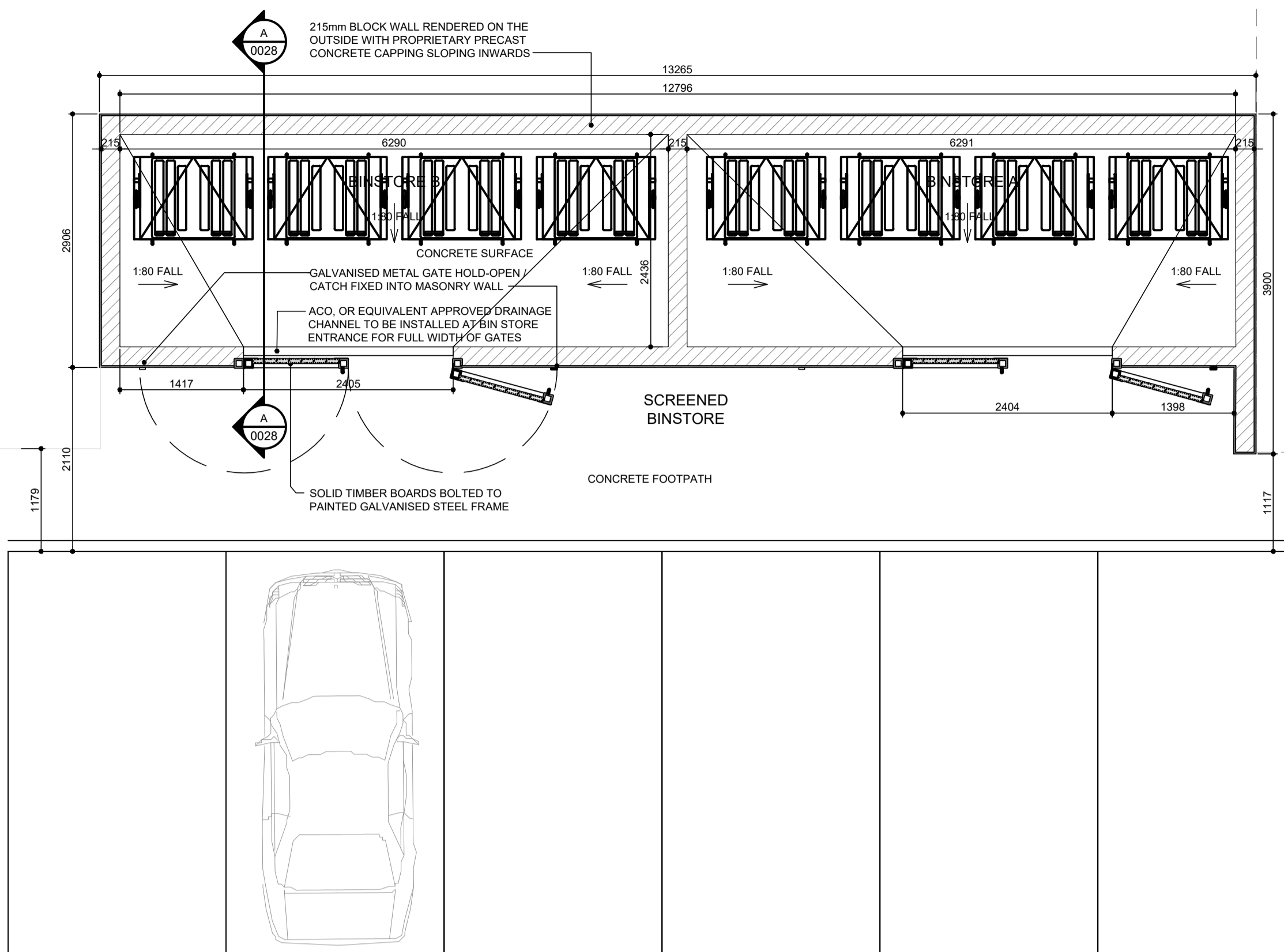
REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/ST-0027

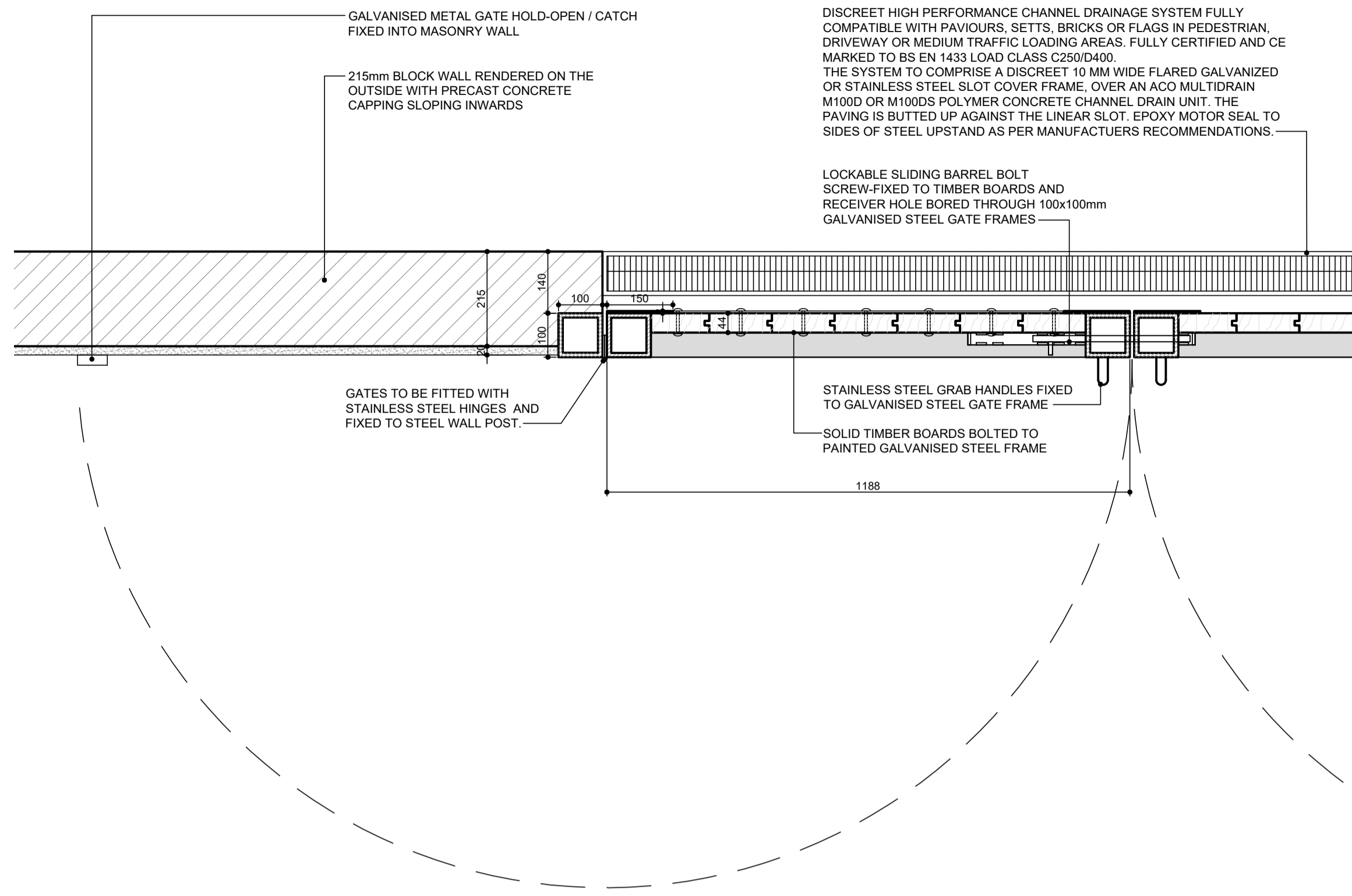
CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 7
SCALE: VARIES@A1
DATE: MAR 2021
DRAWING No: 20-13/TD/ST-0027

mcOH
McCarthy O'Hora architects, Old Church, Church St, Portlaoise, Co. Laois T: (057) 8622566 F: (057) 8621079 W: www.mcoh.ie E: info@mcoh.ie

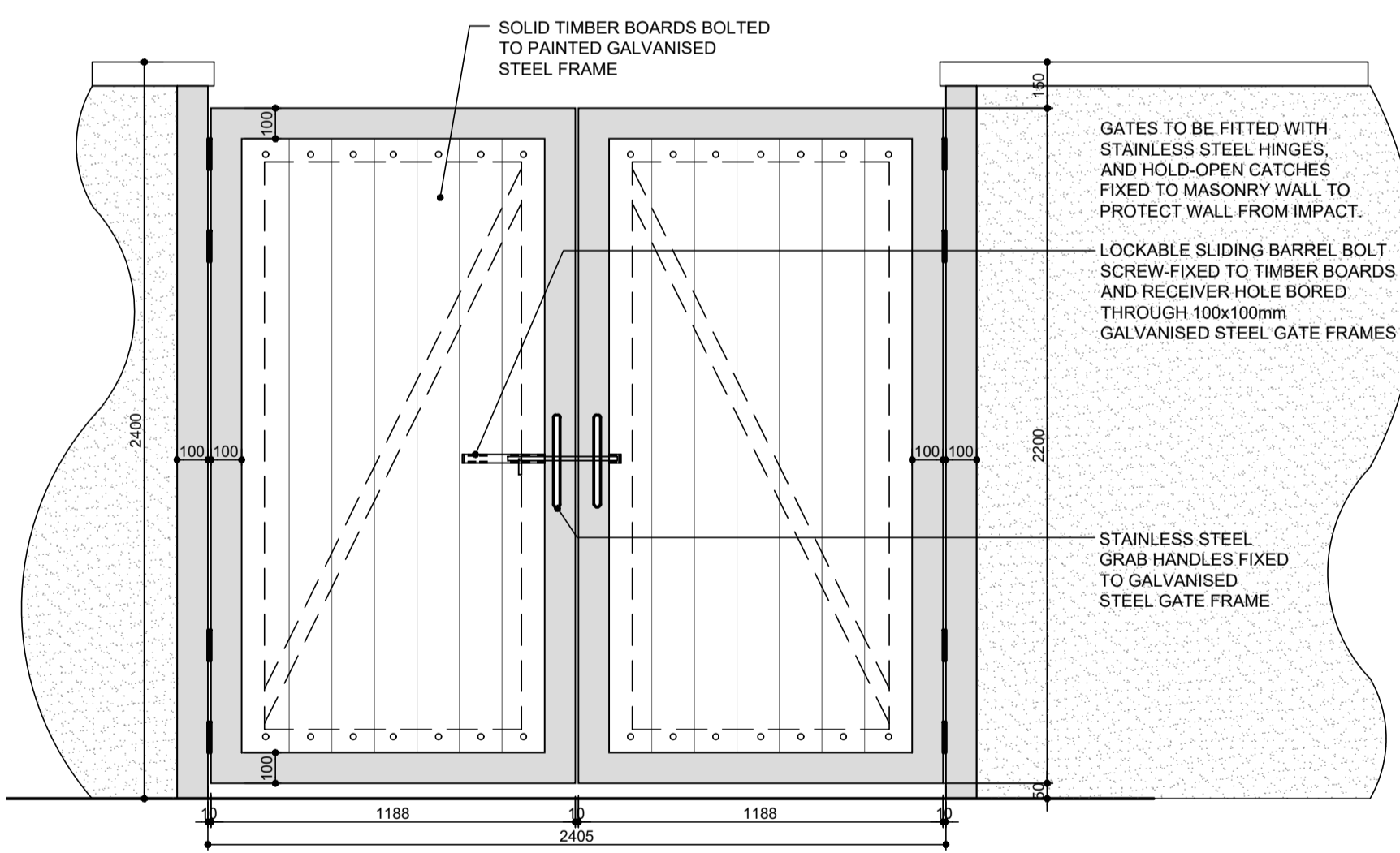
NOTES:
(c) COPYRIGHT MCOH ARCHITECTS
FOR INFORMATION PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY



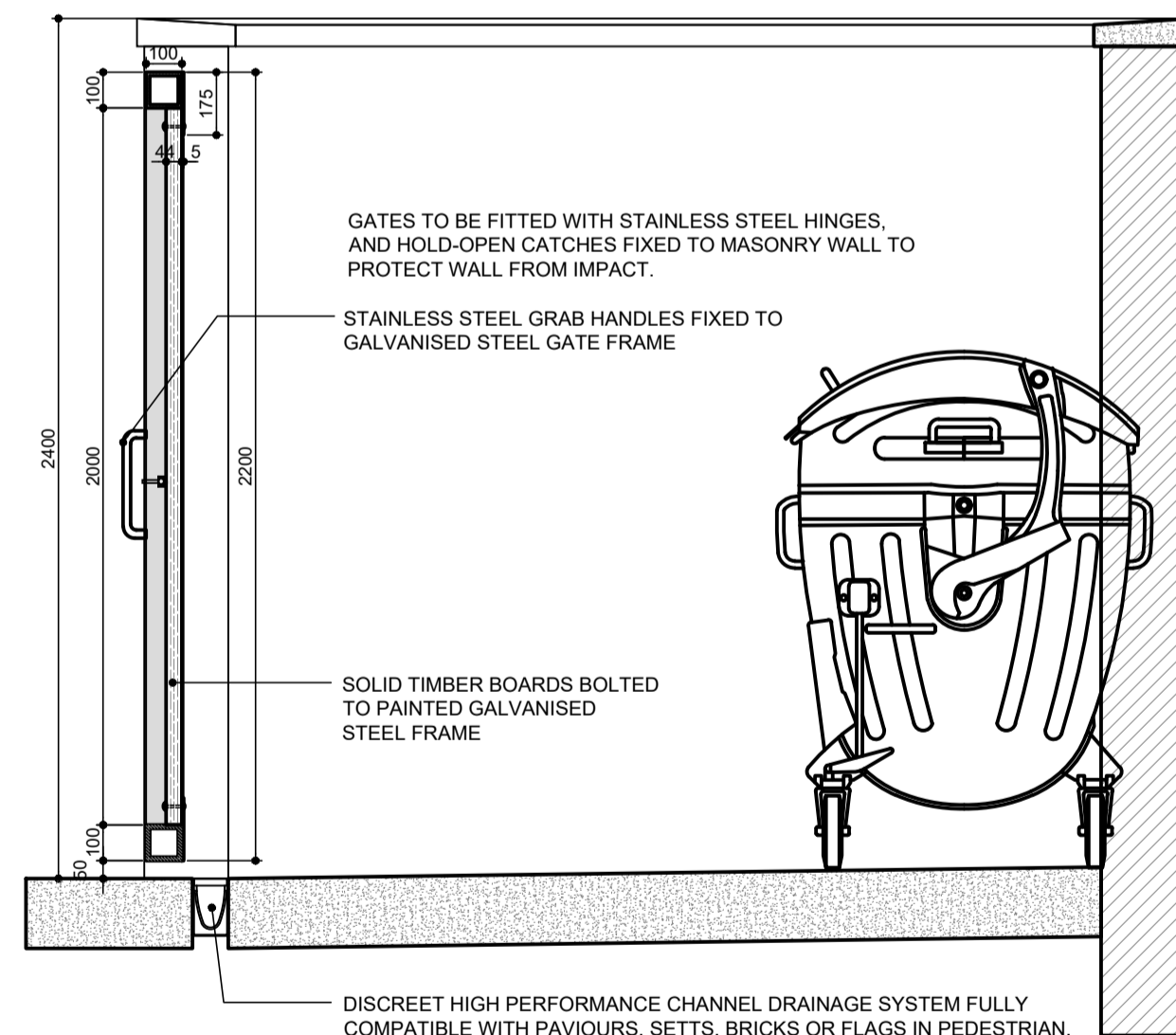
01 PLAN TO BINSTORE COMPOUND
SCALE: 1:50



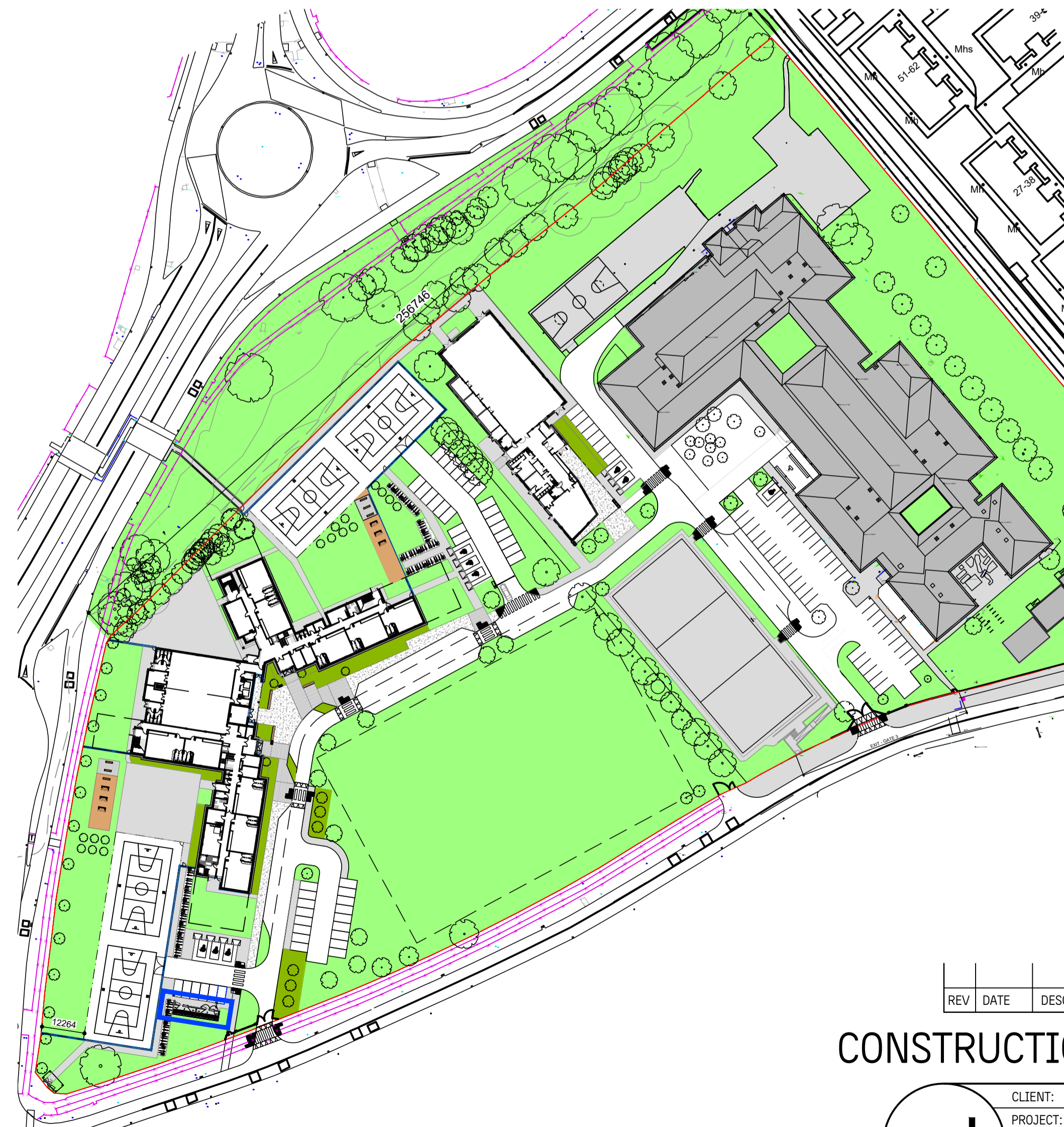
02 PLAN DETAIL TO BINSTORE GATE
SCALE: 1:10



03 TYPICAL ELEVATION TO BINSTORE GATE
SCALE: 1:20



04 TYPICAL SECTION THROUGH BINSTORE GATE
SCALE: 1:20



01 SITE PLAN
SCALE: N.T.S.

NOTES:

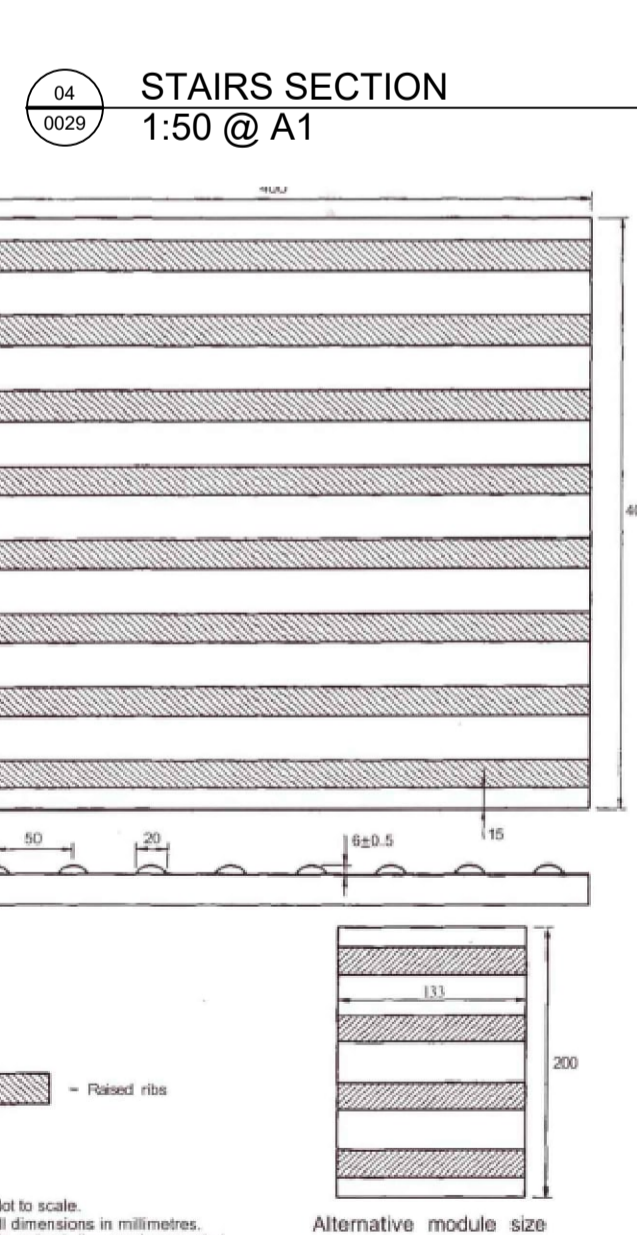
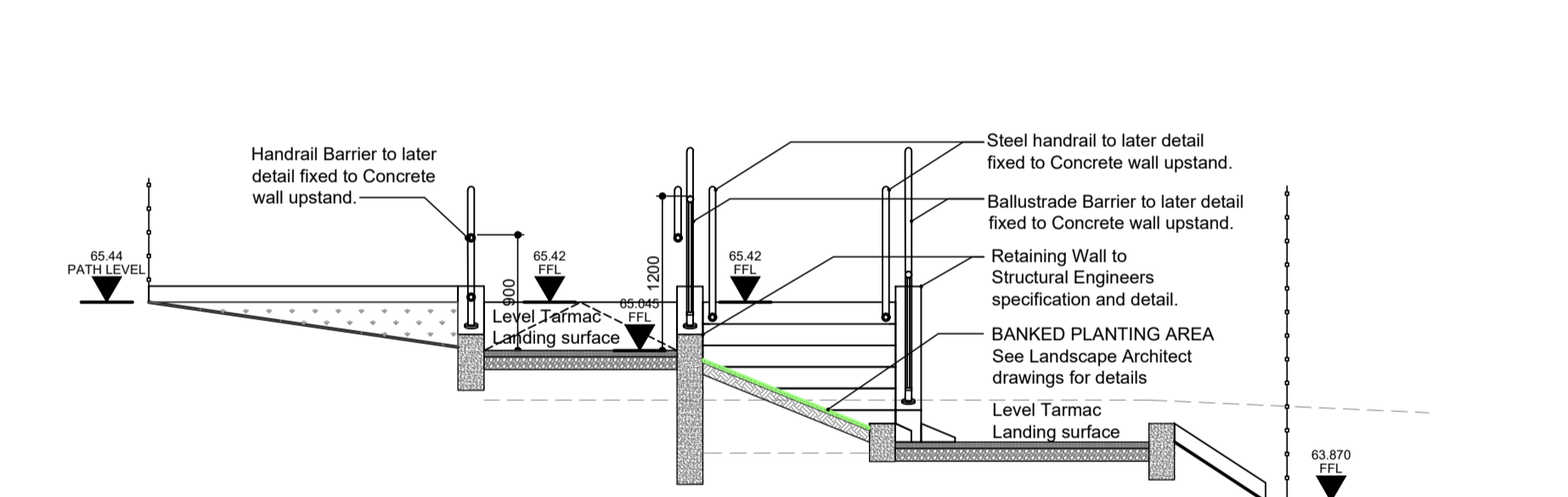
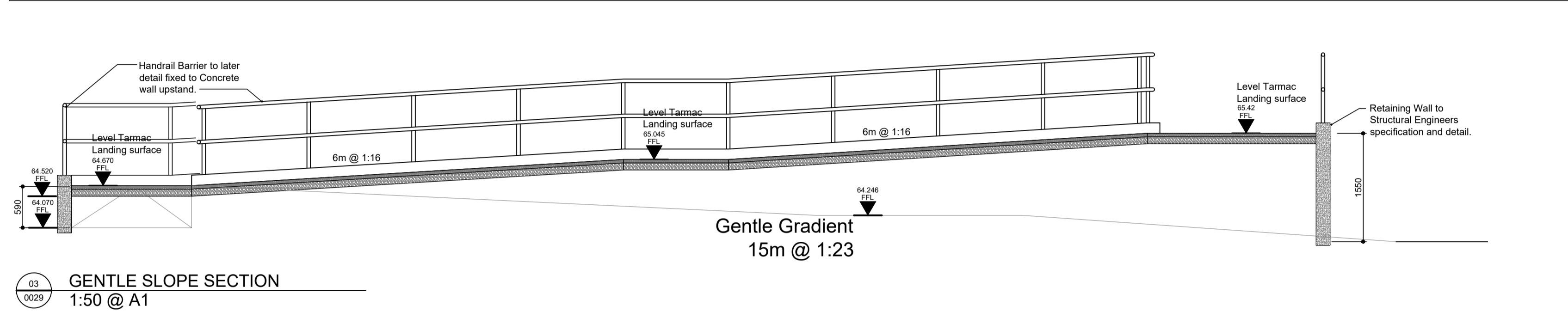
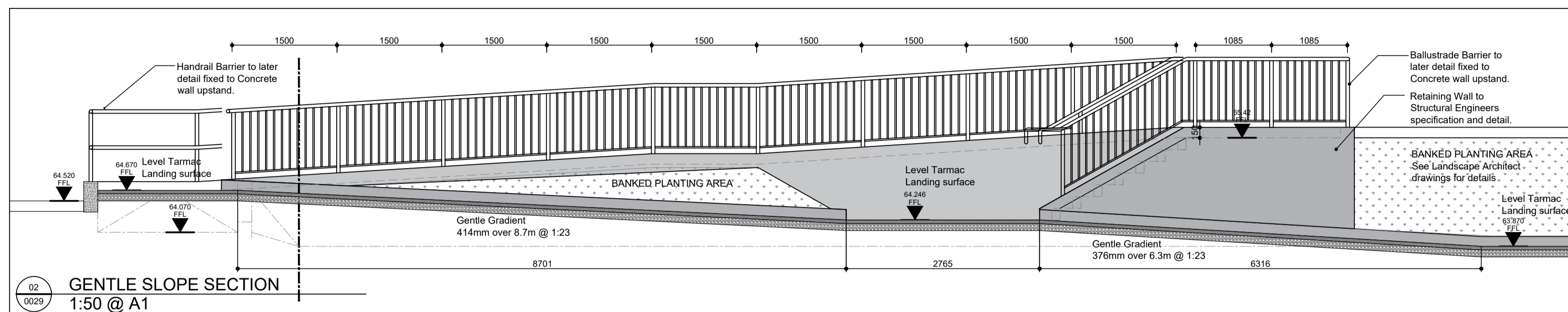
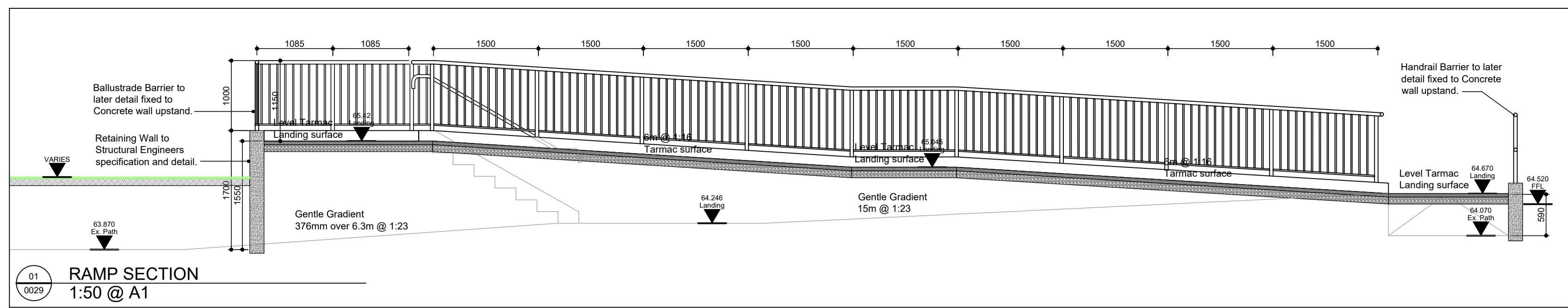
(c) COPYRIGHT MCOH ARCHITECTS
FOR INFORMATION PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY

0028 SITE DETAILS - SHEET 8
VARIES @ A1

REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/ST-0028

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
PROJECT: DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN
DRAWING: SITE DETAILS - SHEET 8
SCALE: VARIES@A1 DATE: MAR 2021
DRAWN BY: NMA
DRAWING No: 20-13/TD/ST-0028

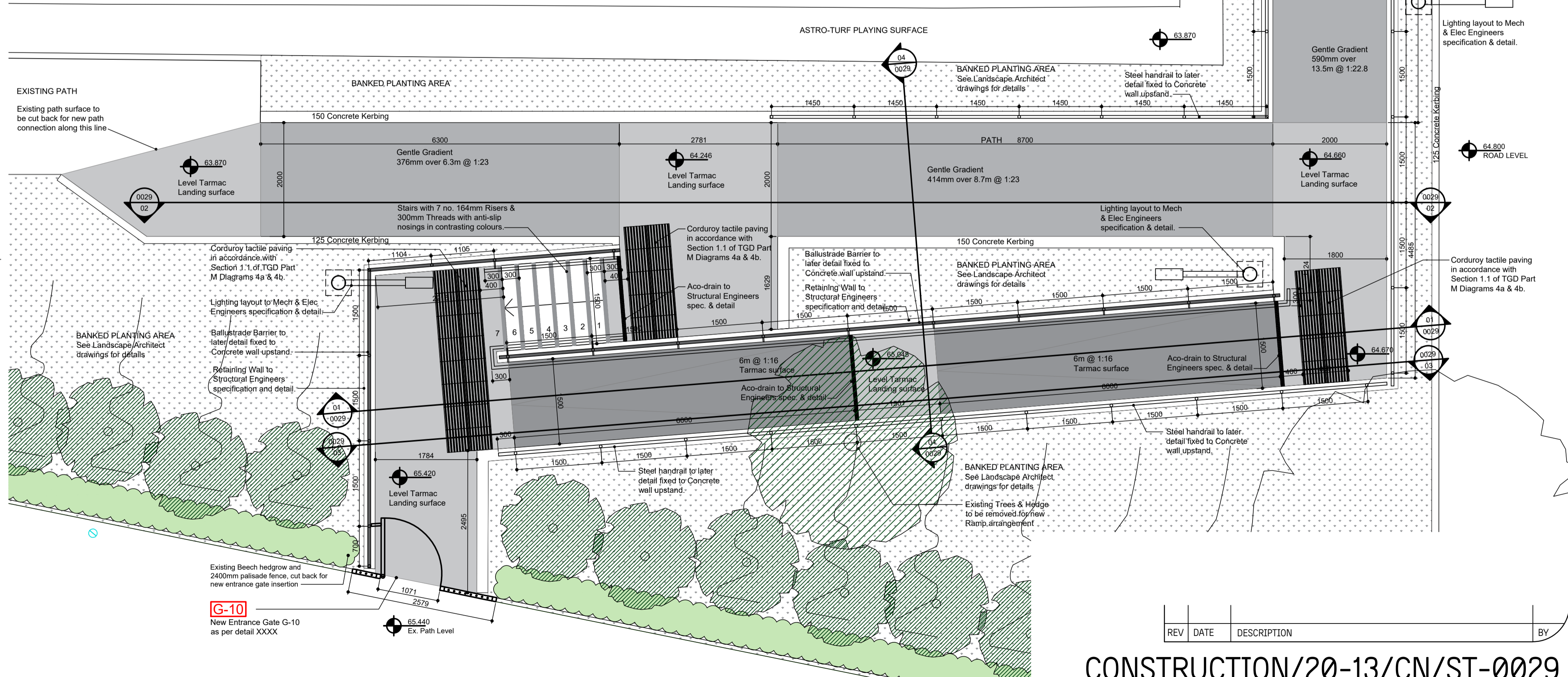
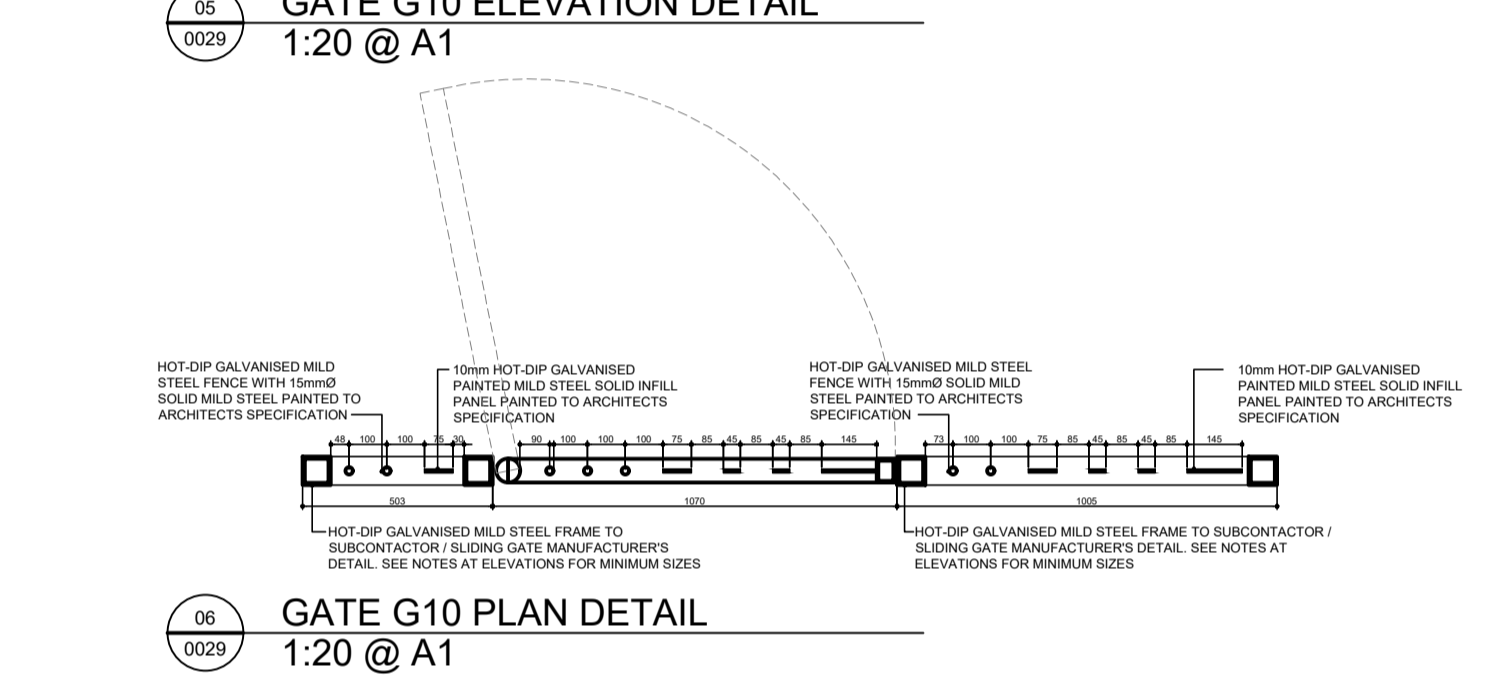
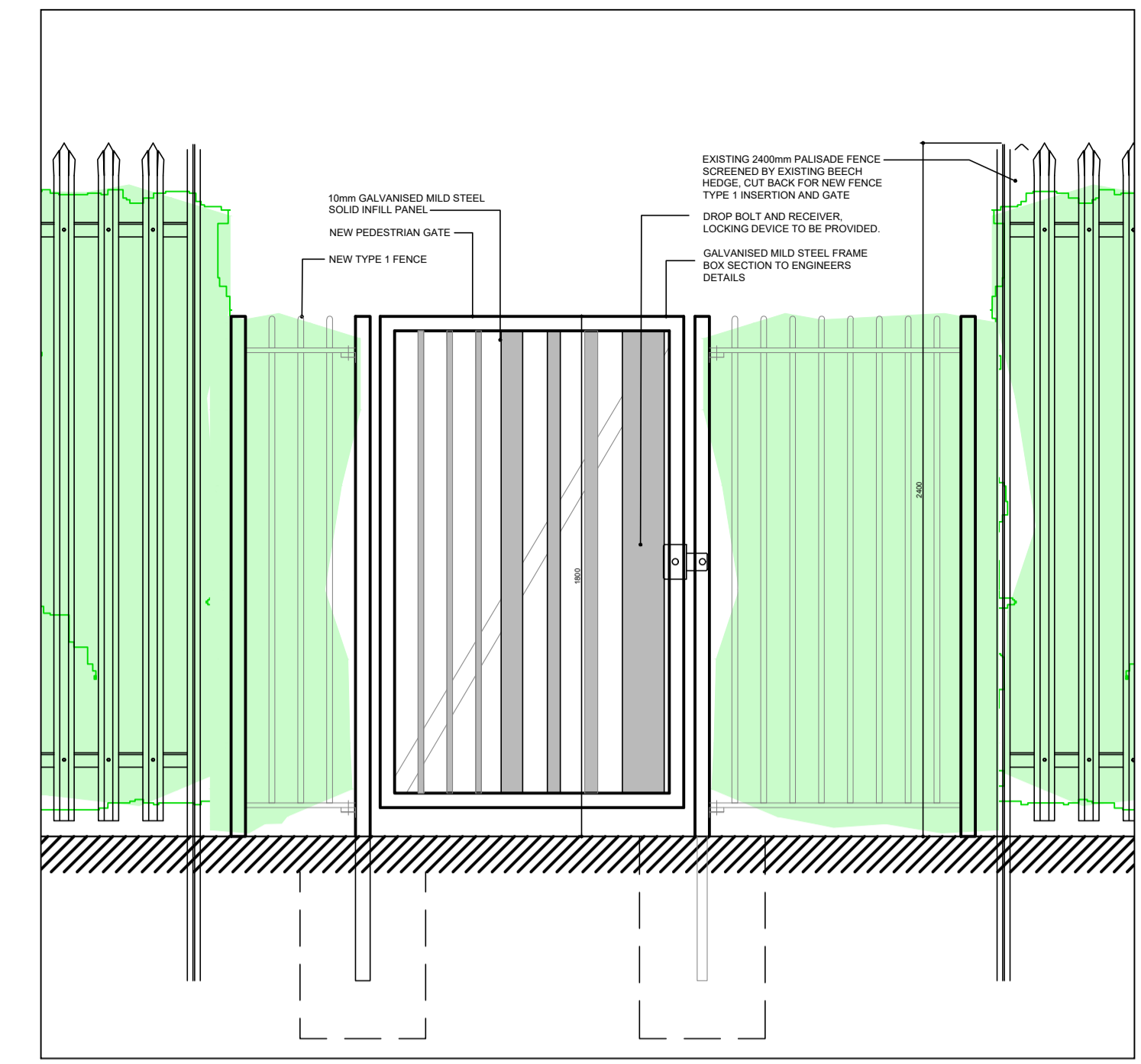


NOTES:

- 1) Not to scale
- 2) All dimensions in millimetres
- 3) The raised ribs may be rounded at the edge of the tile or slab

SAMPLE OF CORDUROY PAVING DENOTING STAIRCASE AHEAD

(c) COPYRIGHT MCOH ARCHITECTS FOR INFORMATION PURPOSES ONLY USE FIGURED DIMENSIONS ONLY



REV	DATE	DESCRIPTION	BY

CONSTRUCTION/20-13/CN/ST-0029

CLIENT: DEPARTMENT OF EDUCATION & SKILLS
 PROJECT: DOES ADAPT LOT 6.1 & 6.2 CLONDALKIN
 DRAWING: SITE DETAILS - SHEET 9
 SCALE: VARIES@A1
 DATE: MAR 2021
 DRAWING No: 20-13/TD/ST-0029

mcOH
 McCarthy O'Hara architects, Old Church, Church St, Portlaoise, Co. Laois T: (057) 8622566 F: (057) 8621079 W: www.mcoh.ie E: info@mcoh.ie