

## P23-027 The Range Stowmarket

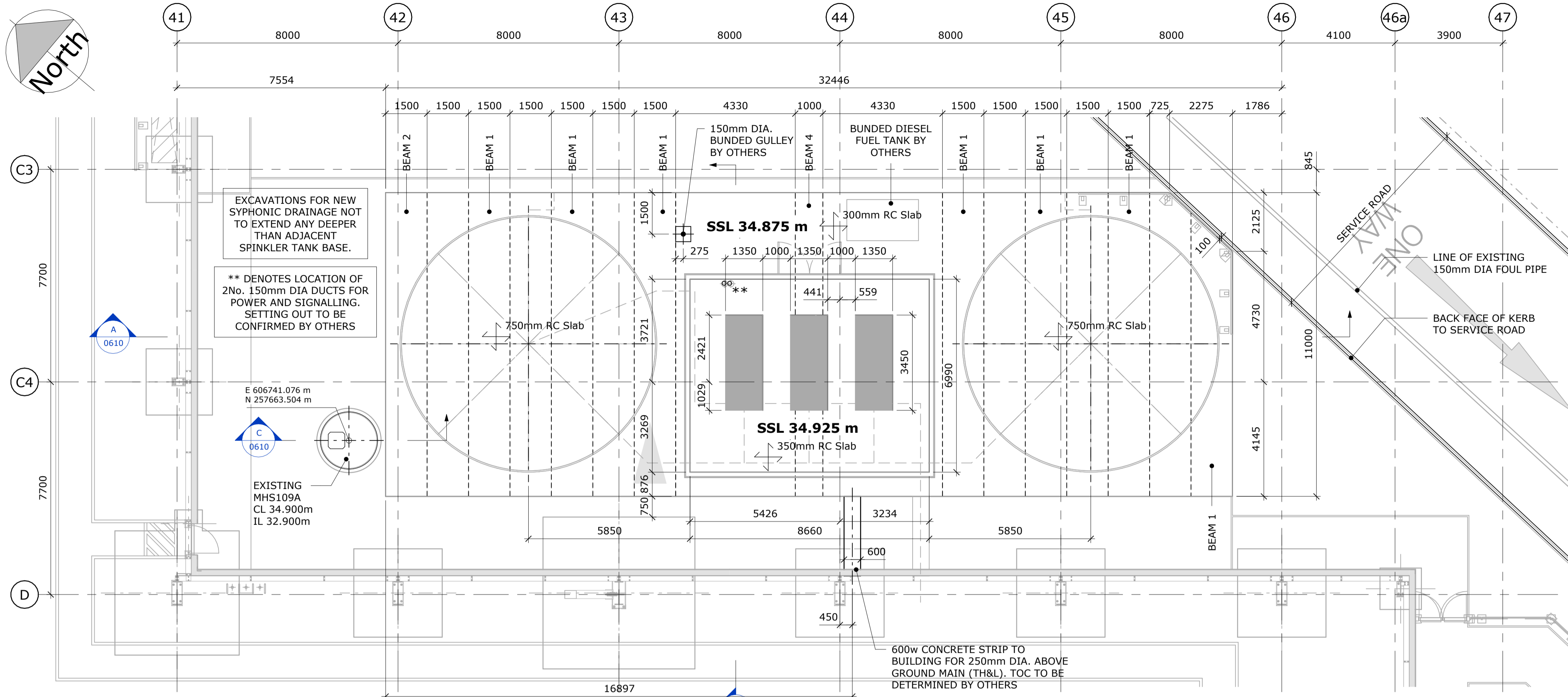
Drawing Register: Richard Jackson

*Please note: All drawings listed below are hyperlinked to the drawings listed.  
Please click on the drawing title to go directly to the drawing of your choice.*

Works Completed: Engineers

Final Drawings

Drawing No.	Drawing Title	Rev
P23027-RJL-EX-SI-DR-S-0610	<a href="#">Sprinkler Tank General Arrangement</a>	CR
P23027-RJL-EX-SI-DR-S-8000	<a href="#">RC Details of Sprinkler Tank Base Slab Bottom Sheet 01</a>	CR
P23027-RJL-EX-SI-DR-S-8001	<a href="#">RC Details of Sprinkler Tank Base Slab Bottom Sheet 02</a>	CR
P23027-RJL-EX-SI-DR-S-8002	<a href="#">RC Details of Sprinkler Tank Base Slab Top Sheet 01</a>	CR
P23027-RJL-EX-SI-DR-S-8003	<a href="#">RC Details of Sprinkler Tank Base Slab Top Sheet 02</a>	CR
P23027-RJL-XX-XX-DR-S-0601	<a href="#">General Arrangement Canopy 1</a>	CR
P23027-RJL-XX-XX-DR-S-0603	<a href="#">General Arrangement Canopy 3</a>	CR
P23027-RJL-XX-XX-DR-S-0650	<a href="#">Bus Shelter Foundations</a>	CR
P23027-RJL-XX-XX-DR-S-0651	<a href="#">Turnstile Foundations</a>	CR
P23027-RJL-XX-XX-DR-S-0652	<a href="#">External Stairs</a>	CR
P23027-RJL-XX-XX-DR-S-4001	<a href="#">Typical Sections Canopy 1 Sheet 1 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4002	<a href="#">Typical Sections Canopy 1 Sheet 2 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4003	<a href="#">Typical Sections Canopy 2 Sheet 1 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4004	<a href="#">Typical Sections Canopy 2 Sheet 2 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4005	<a href="#">Typical Sections Canopy 3 Sheet 1 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4006	<a href="#">Typical Sections Canopy 3 Sheet 2 of 2</a>	CR
P23027-RJL-XX-XX-DR-S-4010	<a href="#">Typical Details</a>	CR



**SPRINKLER TANK GENERAL ARRANGEMENT**

1 : 100

**HAZARD/RISK INFORMATION**

It is a requirement that only experienced and competent contractors carry out the described, using a recognised safe method of working. The following are specific significant residual risks identified by the designer and are additional to those hazard/risks normally associated with this type of work.

**CONSTRUCTION:**

- ⚠ Differential Settlement - Foundations must extend 150mm into Bearing Material
- ⚠ Deep Excavations - Possible collapse of ground
- ⚠ Construction in proximity of existing drainage. Careful excavation required.
- ⚠ Construction in proximity of existing foundations. Careful excavation required.

**OPERATION:**

No Disproportionate Risk Identified

**MAINTENANCE:**

No Disproportionate Risk Identified

**DEMOLITION:**

- ⚠ Deep Excavations - Removal of existing 750 Dia pipe. Possible collapse of ground

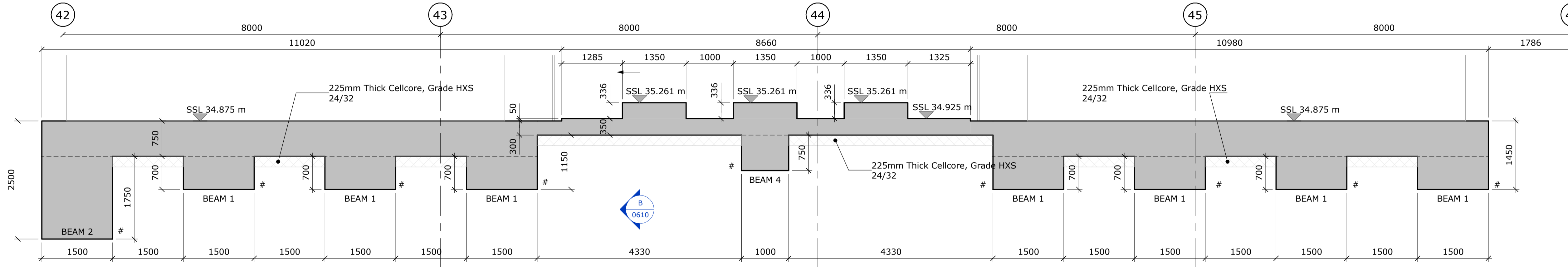
**AREA OF 750mm DIA PIPE BEING REMOVED TO BE BACKFILLED WITH ENGINEERED FILL TO SAME SPECIFICATION AS EXISTING ENGINEERED FILL. ENGINEERED FILL TO ACHIEVE BEARING PRESSURE OF 150kN/m<sup>2</sup>. REFER TO APPLIED GEOLOGY SPECIFICATION FOR DETAILS.**

BEAM SCHEDULE	
Type Mark	Type
BEAM 1	1450mm (dp) x 1500mm (w)
BEAM 2	2500mm (dp) x 1500mm (w)
BEAM 4	1050mm (dp) x 1000mm (w)

**GENERAL NOTES**

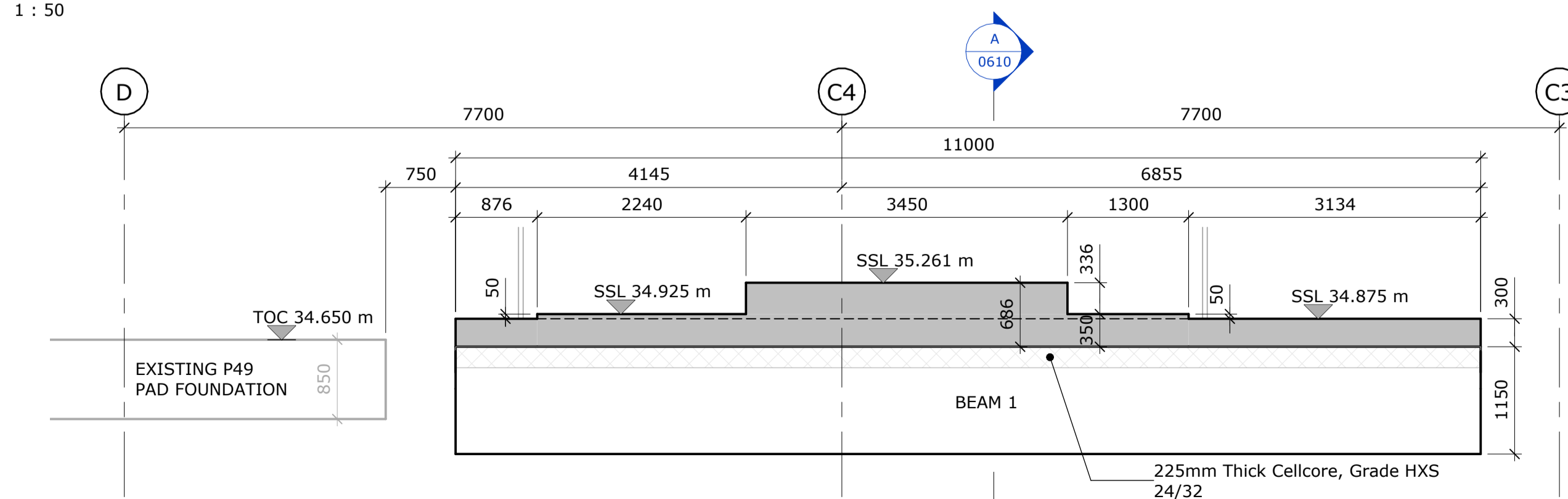
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2. All drawings shall be read in conjunction with all relevant Civil / Structural Engineers drawings, the project specification and Architects, Services Engineers & Landscape Architects drawings.
3. The Contractor shall verify all site and setting out dimensions before putting work in hand. Where dimensions are shown on the Engineers drawings, any discrepancies shall be reported to him.
4. Dimensions must not be scaled from the Engineers drawings.
5. All dimensions are in millimetres unless noted otherwise.
6. Dimensions marked \* are subject to confirmation by site measurement before construction proceeds.
7. All dimensions are given to structural surfaces unless noted otherwise.
8. No holes, chases, cut-outs, existing or proposed services or the like may be formed in or pass through any slab or foundation unless written permission is obtained from the Engineer.
9. Inspections made by the Local Authority, MHBC or other Statutory bodies, shall be arranged by the Contractor to suit his programme. Any costs arising out of failing to carry out the work to the satisfaction of the Checking Authority will be the sole responsibility of the Contractor.
10. Non-structural fixings are generally not shown on the Engineers drawings and if any such detail is indicated it must be confirmed by cross-reference to other specialists before construction.
11. All drawing specifications are given in accordance with NBS (National Building Specification) e.g. E10/130 which refers to NBS Section E10, Clause 130.
12. Abbreviations:  
 CRS Centres  
 TBC To be confirmed  
 UNO Unless noted otherwise  
 DIA Diameter  
 EGL Existing Ground Level  
 FGL Finished Ground Level  
 TOC Top of concrete  
 BOC Bottom of concrete  
 SSL Structural slab level  
 TOS Top of steel  
 FFL Finished Floor Level  
 SOP Setting out point

**SPRINKLER TANK BASE HAS BEEN DESIGNED FOR A MAXIMUM OF 150kN/m<sup>2</sup> BEARING BENEATH THE BEAMS. WINVIC TO FORWARD THIS DRAWING TO APPLIED GEOLOGY FOR THEIR CONFIRMATION OF PREDICTED SETTLEMENT. UPON RECEIPT OF THE PREDICTED SETTLEMENTS R/JL CAN COMPLETE THE BASE DESIGN AND CONFIRM WEIGHTS OF REINFORCEMENT FOR PRICING PURPOSES.**



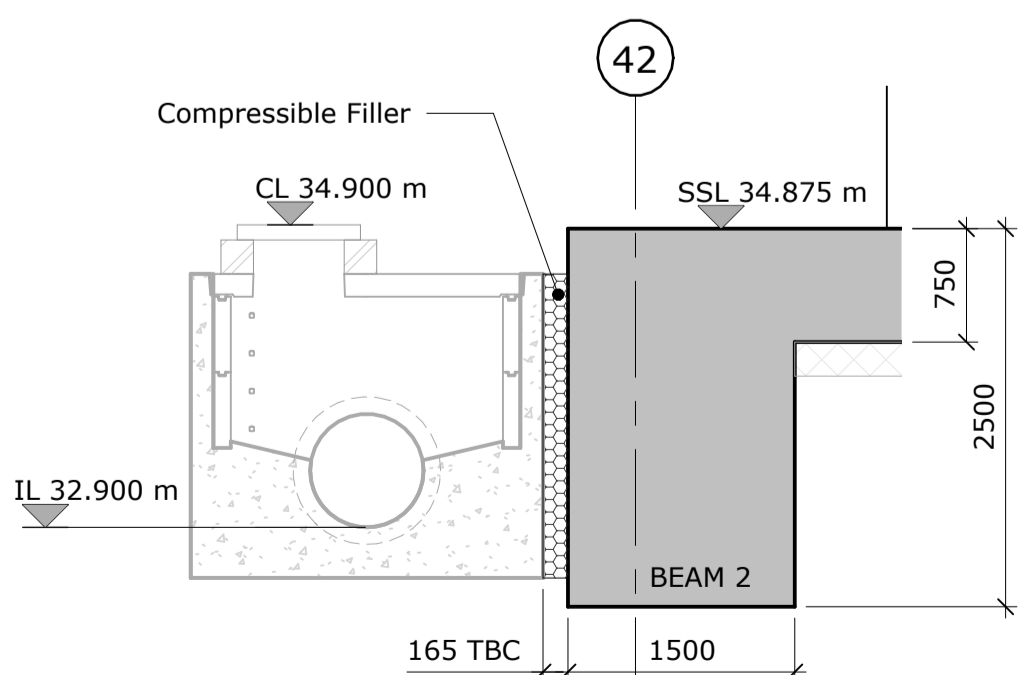
**SECTION A-A**

1 : 50



**SECTION B-B**

1 : 50



**SECTION C-C**

1 : 50

Rev	Date	Description	Drawn	Chkd
CO1	02.02.24	CONSTRUCTION ISSUE	MP	BGA
PO3	13.12.23	NOTE REGARDING DIESEL FUEL TANK AMENDED TO BUNDED DIESEL FUEL TANK. DRAWING TITLE AMENDED TO WINVIC CONVENTIONS AS PER CLIENT REQUEST DATED 08.12.23	MP	RM
PO2	06.12.23	UPDATED TO SUIT ARCHITECT/CLIENT COMMENTS.	AMJ	BGA
PO1	24.11.23	PRELIMINARY ISSUE	AMJ	BGA

**REVISIONS**  
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Project  
**PLOT 4000 GATEWAY14**  
 STOWMARKET

Drawing Title  
**SPRINKLER TANK GENERAL ARRANGEMENT**



<b>Richard Jackson Engineering Consultants</b> 847 The Crescent, Colchester, Essex, CO4 9YQ 6th Floor, 1 St. Katherine's Way, London, E1W 1UN 5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD 6 The Old Church, St Matthews Rd, Norwich, Norfolk, NR1 1SP New World Business Centre, Station Road, Warrimley, Bristol, BS30 8XG Email Address: mail@rj.co.uk Web Site: http://www.richardjackson.co.uk		Tel: 01206 228800 Tel: 020 7448 9910 Tel: 01223 314994 Tel: 01603 230240 Tel: 01172 020070
Scale As indicated	Drawn AMJ	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone EX
level SI	type DR	role S
number 0610	revision C01	

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- ALL BAR REINFORCEMENT SHALL BE GRADE 500 TO BS 4999:2005. ALL REINFORCEMENT TO BE BENT IN ACCORDANCE WITH BS 8666:2020.
- CONCRETE GRADE TO BE RC35/45
- COVER TO THE REINFORCEMENT IS TO BE  
 SLAB (UNO.):  
 SIDES - 75mm  
 BOTTOM & TOP - 50mm
- REINFORCEMENT IS LISTED ON BENDING SCHEDULE P23027-RJL-EX-SI-SH-S-8000- SHEET 01 & 02.
- MINIMUM LAP & ANCHORAGE (RC35/45) LENGTH SHALL BE IN ACCORDANCE WITH THE TABLE BELOW UNLESS NOTED OTHERWISE

Bar dia (mm)	10	12	16	20	25	32	40
LAP & ANCHORAGE	400	400	500	650	800	1000	1300

- ABBREVIATIONS
- T1 : TOP FIRST LAYER
  - B1 : BOTTOM FIRST LAYER
  - T2 : TOP SECOND LAYER
  - B2 : BOTTOM SECOND LAYER
  - T3 : TOP THIRD LAYER
  - TOC : TOP OF CONCRETE
  - TYP. : TYPICAL
  - Wd : WIDTH
  - Dp : DEPTH
  - THK. : THICKNESS
  - STG. : STAGGERED
  - ALT. : ALTERNATE
  - SSL : STRUCTURAL SLAB LEVEL
  - SF : SIDE FACE
  - EC : EACH CORNER
  - ES : EACH SIDE
- TYPICAL REBAR CALL UP
- 3x10.H12.01.200 B1

- NOTES
- SPACING OF BAR
- BAR MARK REFERENCE
- DIA OF BAR
- GRADE OF STEEL
- QUANTITY OF BAR
- MULTIPLES

REV	DATE	DESCRIPTION	DRAWN	CHKD
C1	01.02.24	FOR CONSTRUCTION	SGM	SPY

REVISIONS

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Project

PLOT 4000  
**GATEWAY14**  
 STOWMARKET

Title

RC DETAILS OF SPRINKLER  
 TANK BASE SLAB BOTTOM  
 SHEET 01

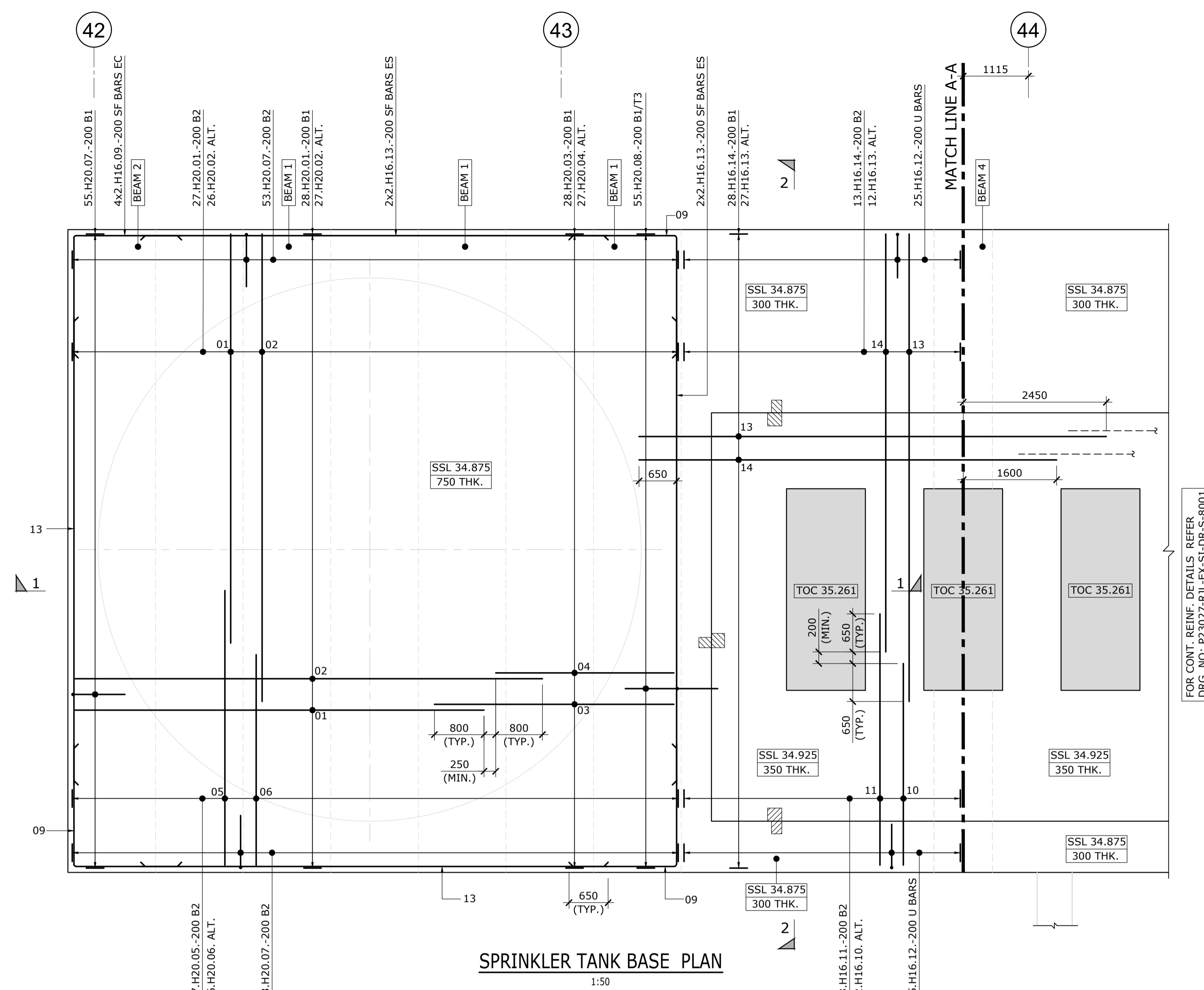
Client



**Richard Jackson**  
 Engineering Consultants

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 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
 5 Quern House, Mill Court, Great Shelford, Cambs CB22 5LD Tel: 01223 314794  
 4 The Old Church, St. Matthews Road, Norwich, Norfolk NR3 1SP Tel: 01603 230240  
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 Email Address: mail@rj.co.uk Website: http://www.rj.co.uk

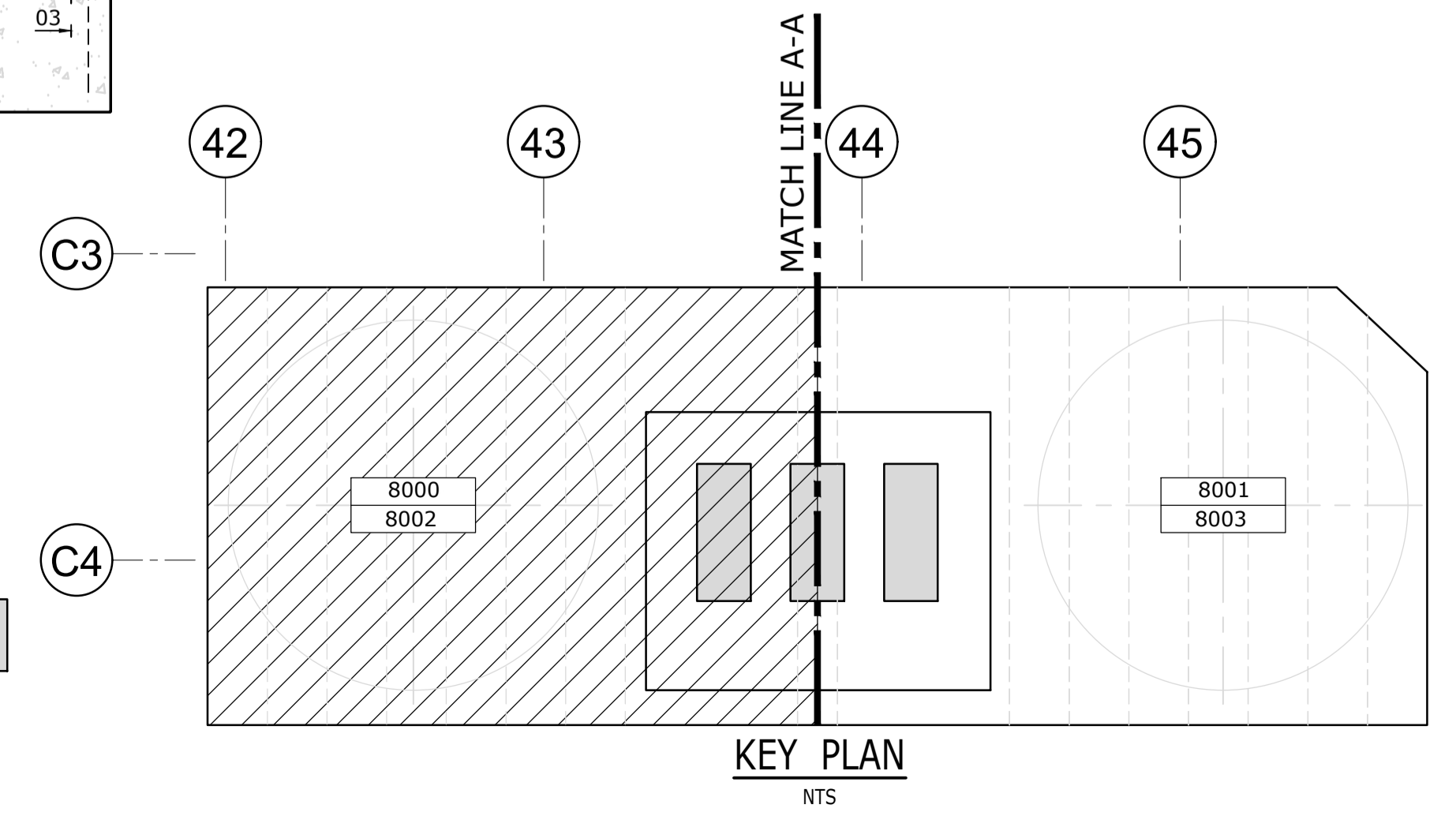
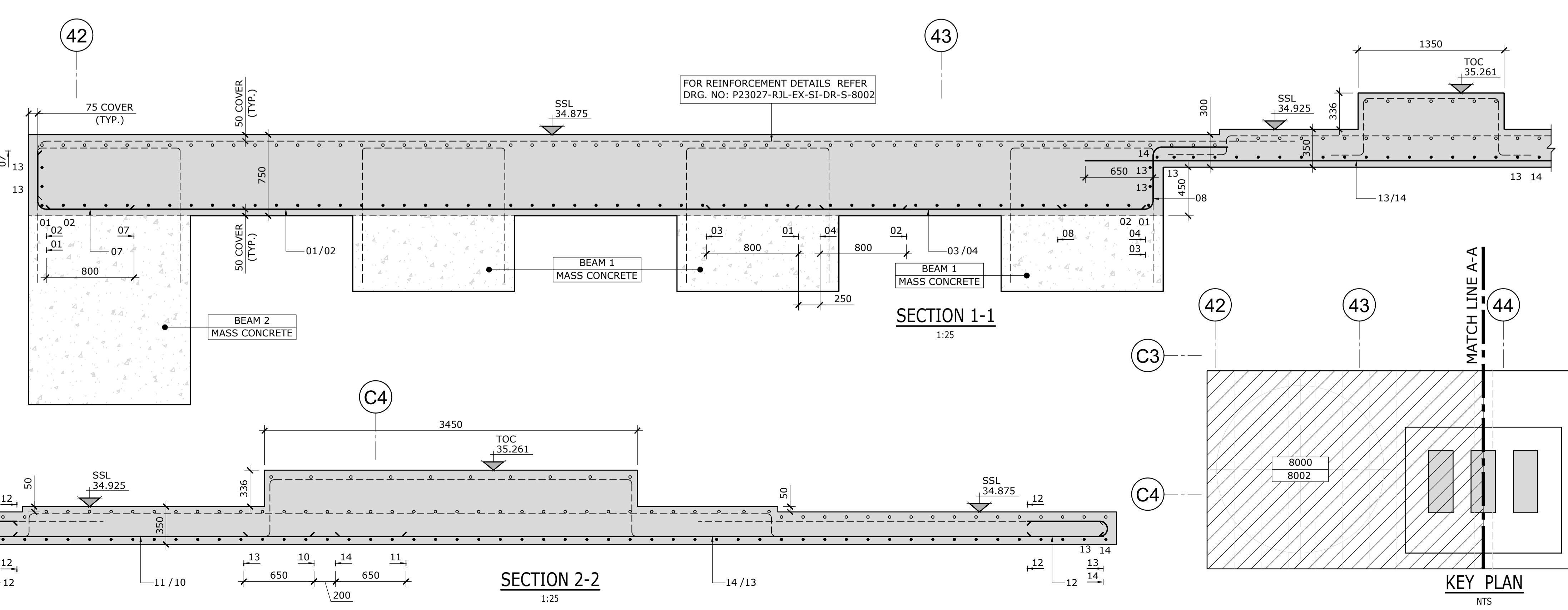
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1:50 & 1:25 @ A1	SGM	FEB. 2024					
Project Manager	Checked	Approved					
M. GEDDES	SPY						
Status	Suitability Description	RJL Project No :					
CR	CONSTRUCTION RECORD	61445EEE					
project	originator	zone	level	type	rate	number	revision
P23027	RJL	EX	SI	DR	S	8000	C1



FOR CONT. REINF. DETAILS REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8001

FOR SPRINKLER TANK BOTTOM REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8000 & 8001

FOR SPRINKLER TANK TOP REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8002 & 8003



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 SLAB (UNO.):  
 SIDES - 75mm  
 BOTTOM & TOP - 50mm
- REINFORCEMENT IS LISTED ON BENDING SCHEDULE P23027-RJL-EX-SI-SH-S-8001- SHEET 01 TO 03.
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- 3x10.H12.01.200 B1
  - NOTES
  - SPACING OF BAR
  - BAR MARK REFERENCE
  - DIA OF BAR
  - GRADE OF STEEL
  - QUANTITY OF BAR
  - MULTIPLES

REV	DATE	DESCRIPTION	DRAWN	CHKD
C1	02.02.24	FOR CONSTRUCTION	SGM	SPY

REVISIONS

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Project

**PLOT 4000**  
**GATEWAY14**  
 STOWMARKET

Title

**RC DETAILS OF SPRINKLER TANK BASE SLAB BOTTOM**  
**SHEET 02**

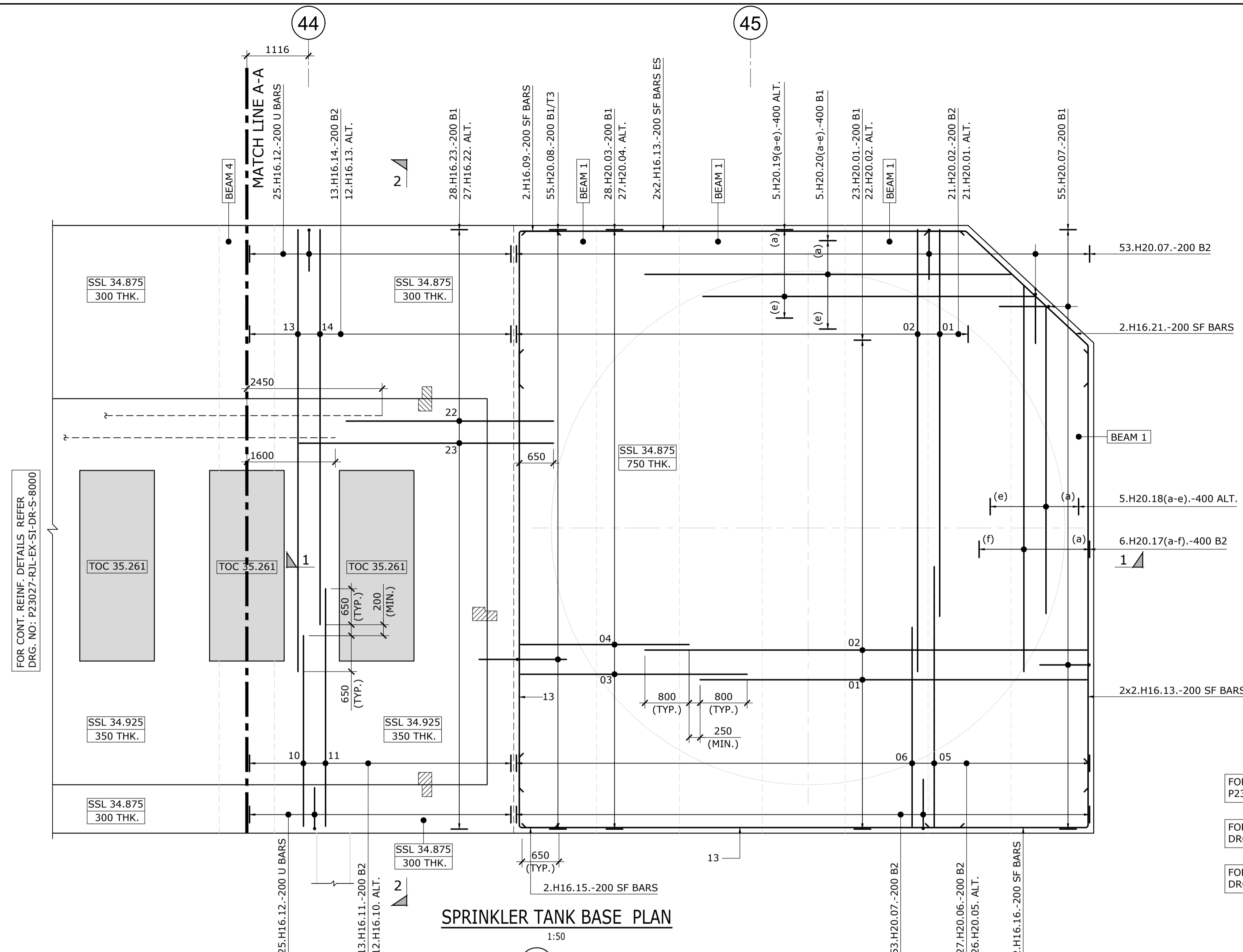
Client

**The Range**  
 Home, Leisure & Garden  
**JAYNIC**

**Richard Jackson**  
 Engineering Consultants

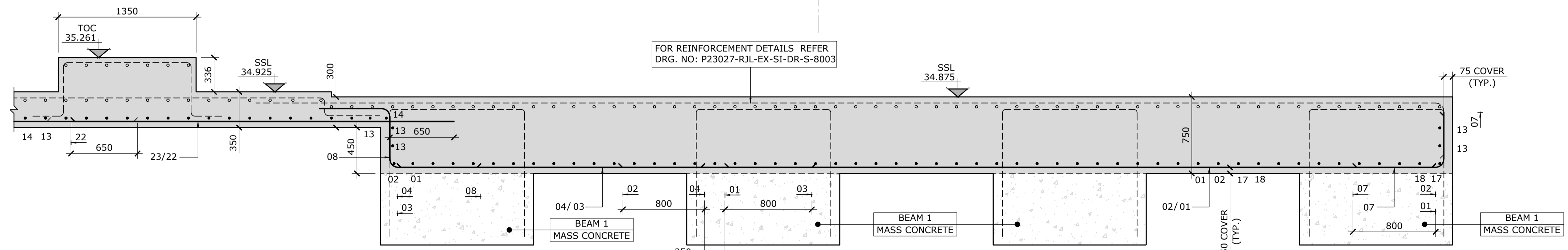
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 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
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Scale	Drawn	Date					
1:50 & 1:25 @ A1	SGM	FEB. 2024					
Project Manager	Checked	Approved					
M. GEDDES	SPY						
Status	Suitability Description	RJL Project No :					
CR	CONSTRUCTION RECORD	61445EEE					
project	originator	zone	level	type	rate	number	revision
P23027	RJL	EX	SI	DR	S	8001	C1



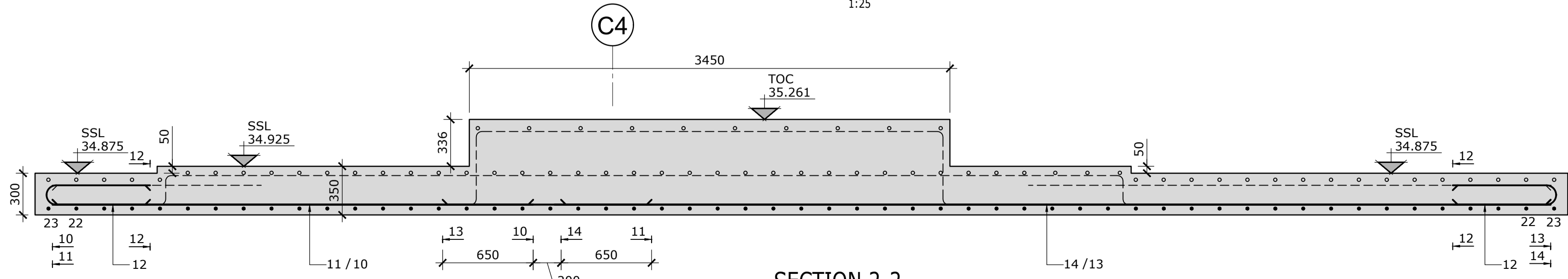
SPRINKLER TANK BASE PLAN

1:50



SECTION 1-1

1:25



SECTION 2-2

1:25

FOR CONT. REINF. DETAILS REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8000

FOR REINFORCEMENT DETAILS REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8003

FOR KEY PLAN REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8000

FOR SPRINKLER TANK BOTTOM REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8000 & 8001

FOR SPRINKLER TANK TOP REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8002 & 8003

CONSTRUCTION RECORD

GENERAL NOTES

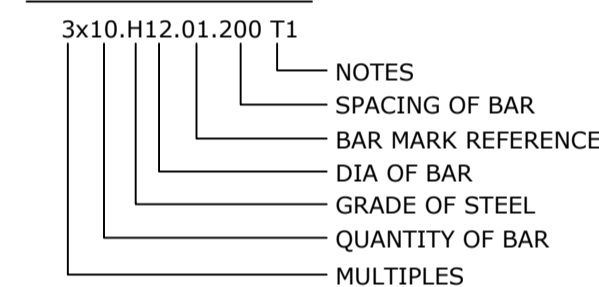
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- COVER TO THE REINFORCEMENT IS TO BE  
 SLAB (UNO.):  
 SIDES - 75mm  
 TOP & BOTTOM - 50mm
- REINFORCEMENT IS LISTED ON BENDING SCHEDULE 61445-RJL-XX-XX-SH-S-8002- SHEET 01 & 02.
- MINIMUM LAP & ANCHORAGE (RC35/45) LENGTH SHALL BE IN ACCORDANCE WITH THE TABLE BELOW UNLESS NOTED OTHERWISE

Bar dia (mm)	10	12	16	20	25	32	40
LAP & ANCHORAGE 40Ø	400	500	650	800	1000	1300	1600

ABBREVIATIONS

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- SSL : STRUCTURAL SLAB LEVEL

TYPICAL REBAR CALL UP



REV	DATE	DESCRIPTION	DRAWN	CHKD
C1	02.02.24	FOR CONSTRUCTION	SGM	SPY

REVISIONS  
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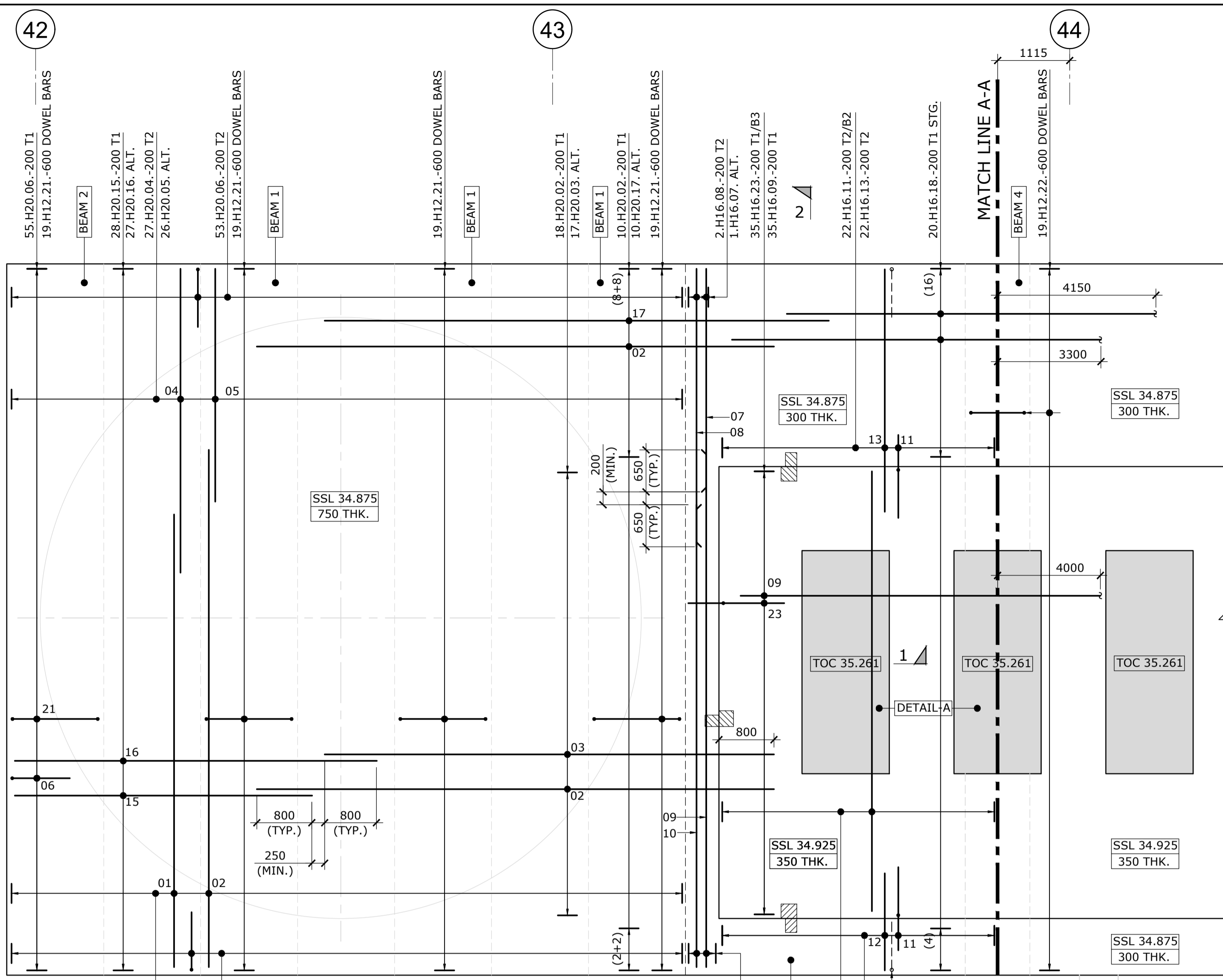
Project  
**PLOT 4000**  
**GATEWAY14**  
 STOWMARKET

Title  
**RC DETAILS OF SPRINKLER TANK BASE SLAB TOP**  
**SHEET 01**

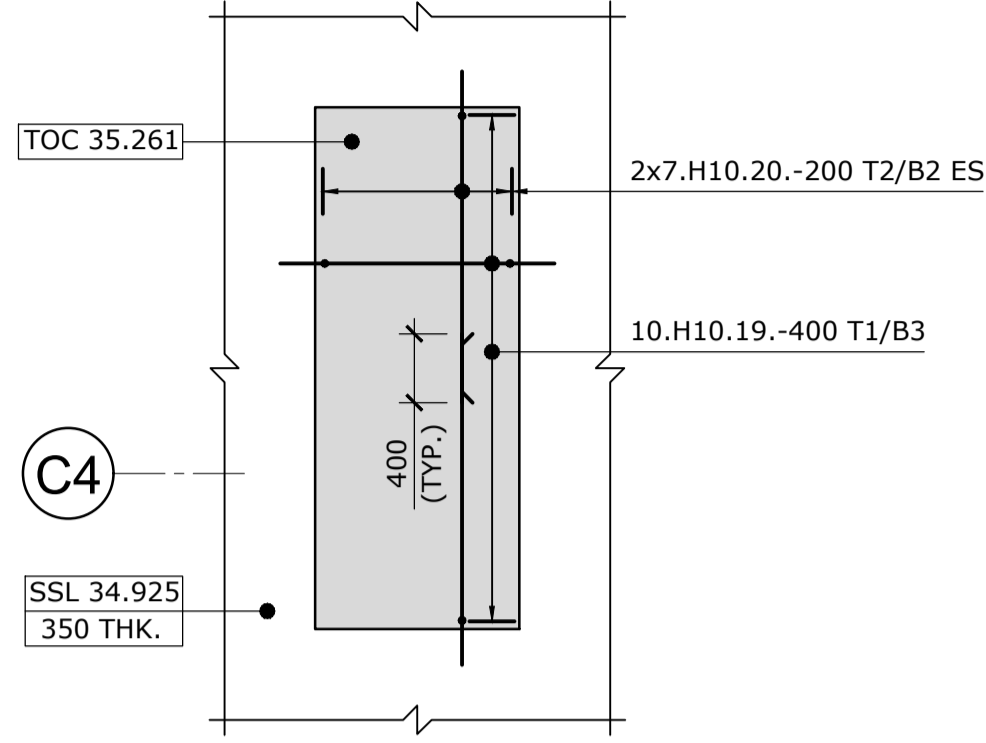
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Scale	Drawn	Date					
1:50 & 1:25 @ A1	SGM	FEB. 2024					
Project Manager	Checked	Approved					
M. GEDDES	SPY						
Status	Suitability Description	RJL Project No :					
CR	CONSTRUCTION RECORD	61445EEE					
project	originator	zone	level	type	rate	number	revision
P23027	RJL	EX	SI	DR	S	8002	C1



SPRINKLER TANK BASE PLAN  
 1:50



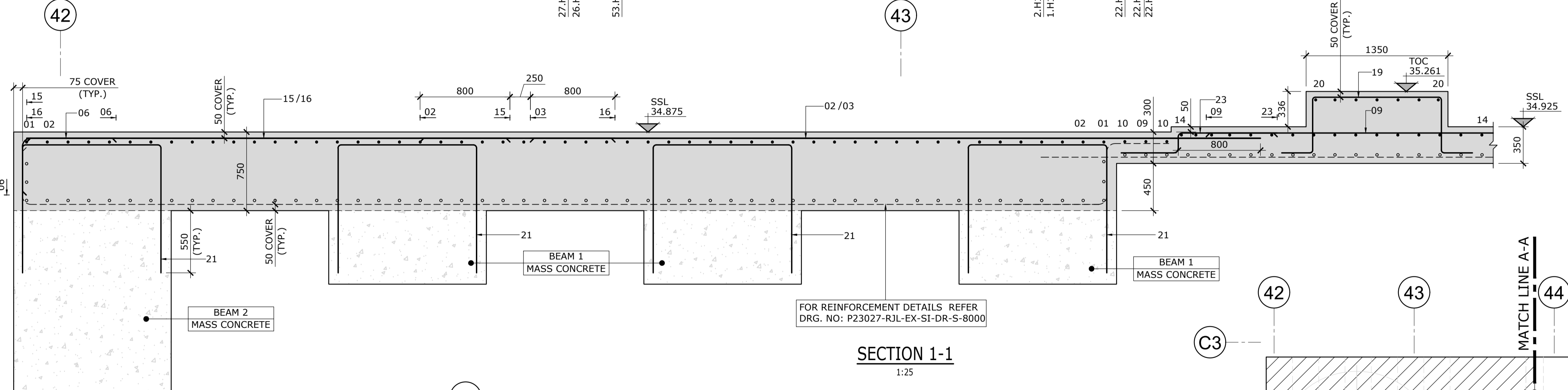
DETAIL-A  
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 (2 Nos Req'd)

FOR CONT. REINF. DETAILS REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8003

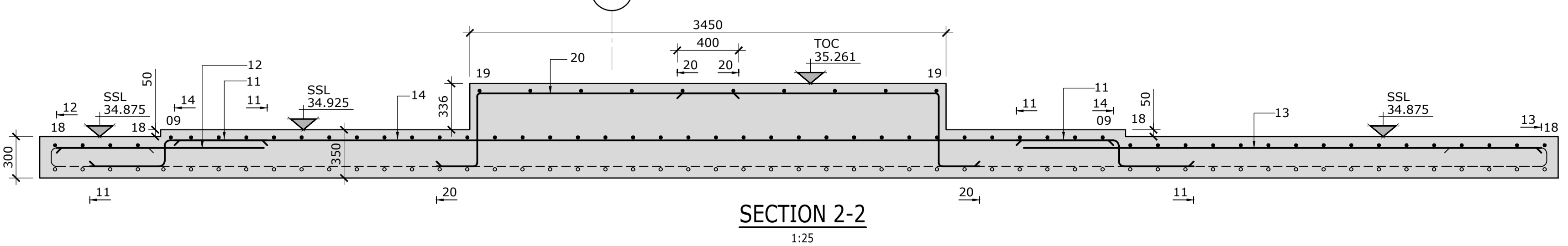
FOR SPRINKLER TANK BOTTOM REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8000 & 8001

FOR SPRINKLER TANK TOP REINF. DETAILS REFER DRG. NOS: P23027-RJL-EX-SI-DR-S-8002 & 8003

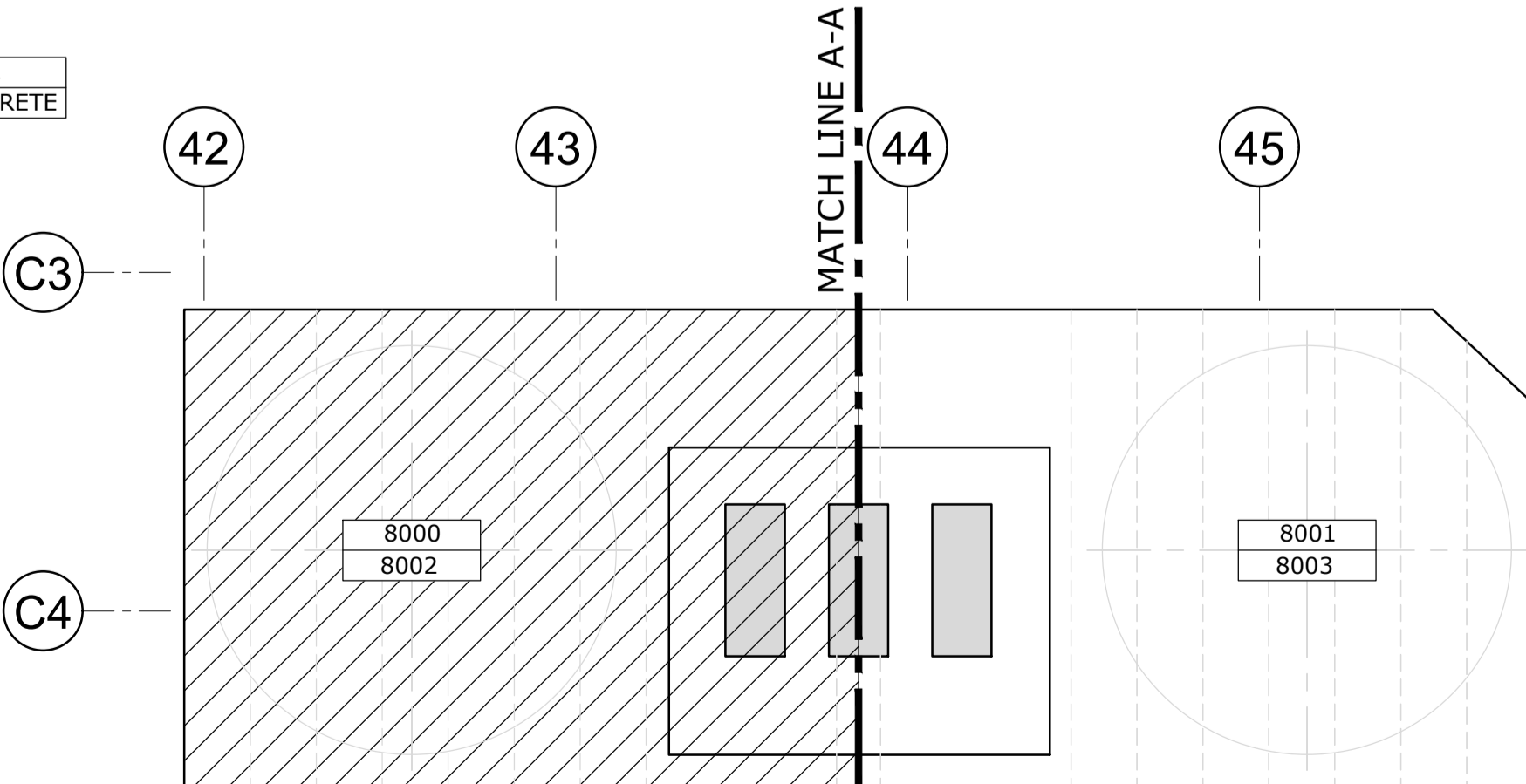
FOR REINFORCEMENT DETAILS REFER DRG. NO: P23027-RJL-EX-SI-DR-S-8000



SECTION 1-1  
 1:25



SECTION 2-2  
 1:25



KEY PLAN  
 NTS

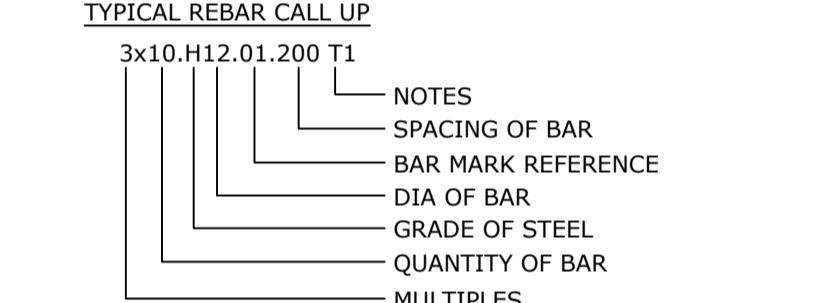
CONSTRUCTION RECORD

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  - TOP & BOTTOM - 50mm
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  - T2 : TOP SECOND LAYER
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  - TYP. : TYPICAL
  - Wd : WIDTH
  - Dp : DEPTH
  - THK. : THICKNESS
  - STG. : STAGGERED
  - ALT. : ALTERNATE
  - SSL : STRUCTURAL SLAB LEVEL
  - ES : EACH SIDE



REV	DATE	DESCRIPTION	DRAWN	CHKD
C1	02.02.24	FOR CONSTRUCTION	SGM	SPY

REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project

**PLOT 4000**  
**GATEWAY14**  
STOWMARKET

Title

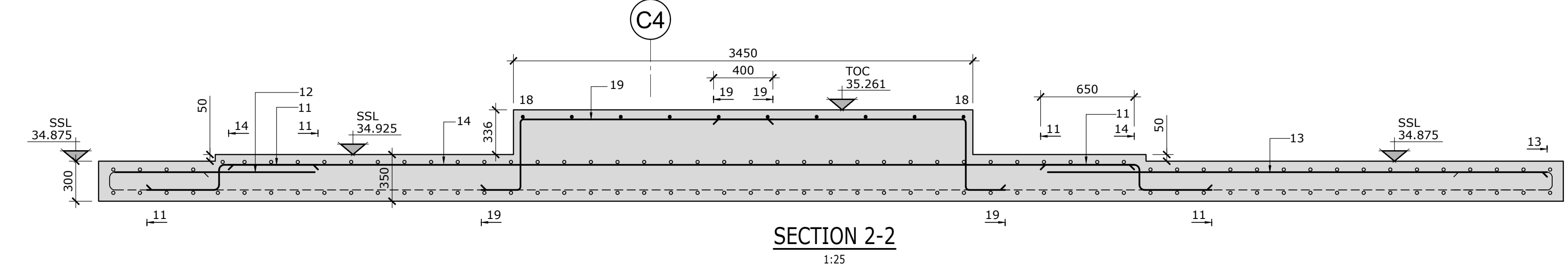
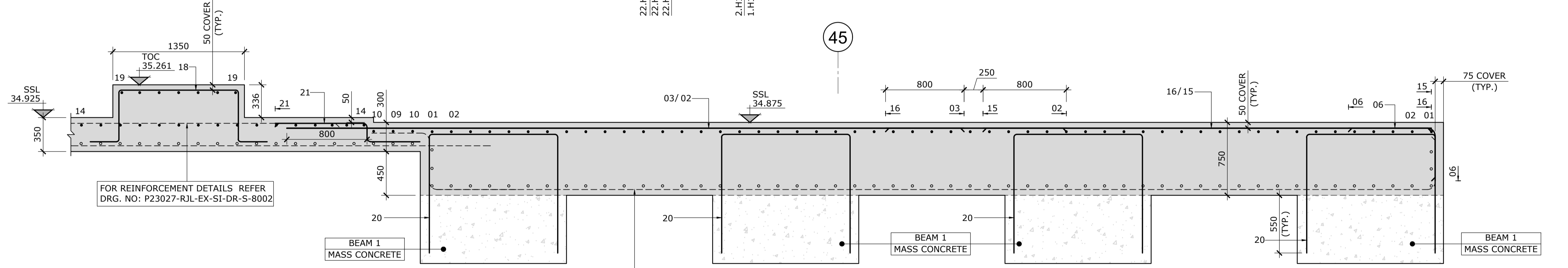
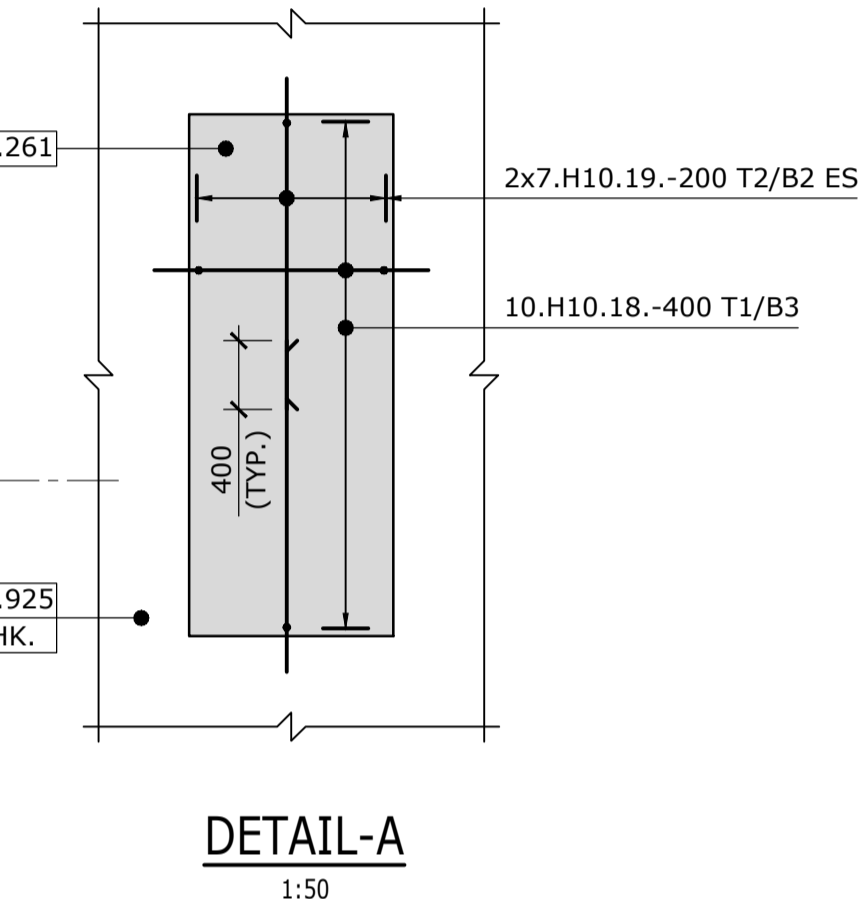
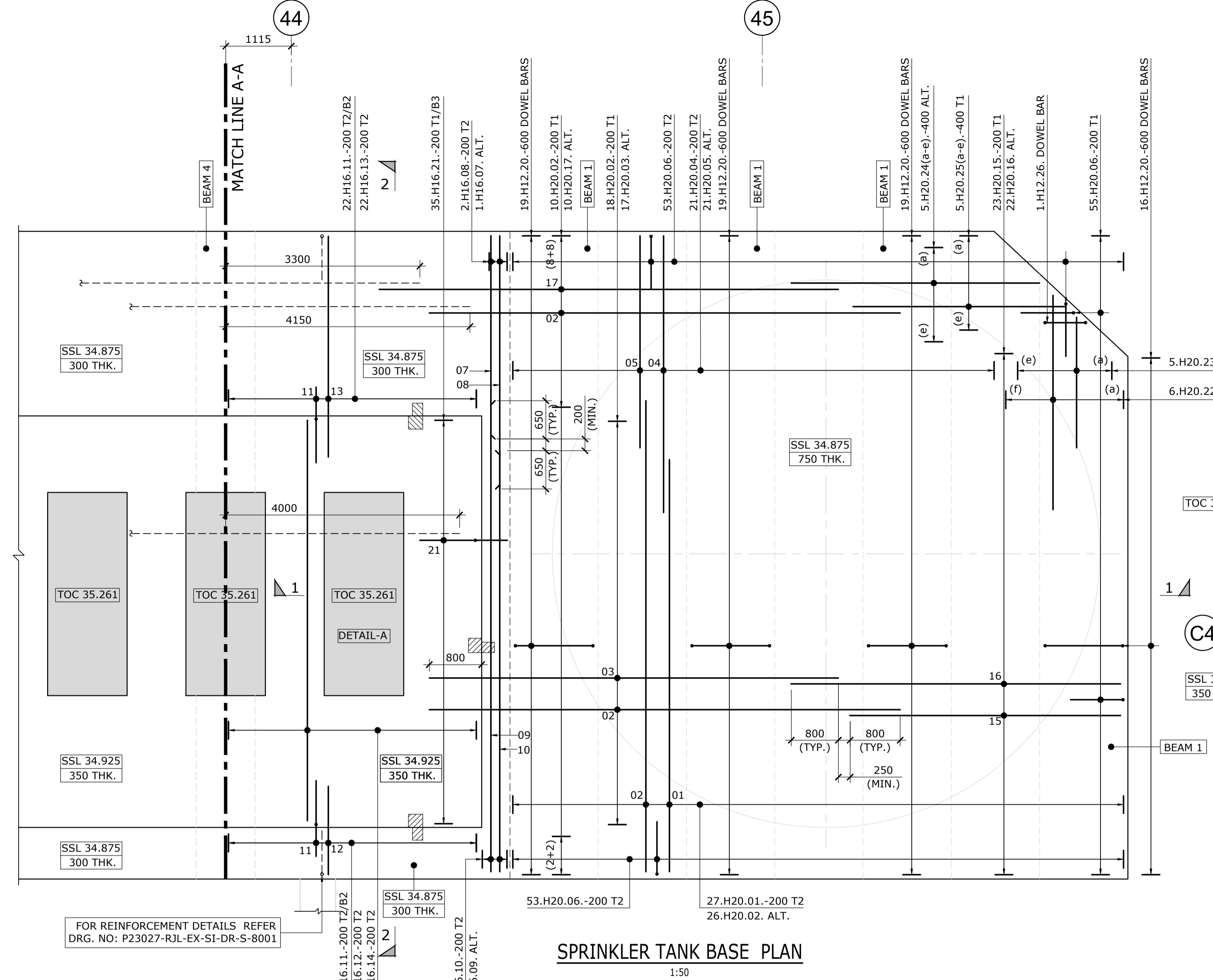
**RC DETAILS OF SPRINKLER TANK BASE SLAB TOP**  
**SHEET 02**

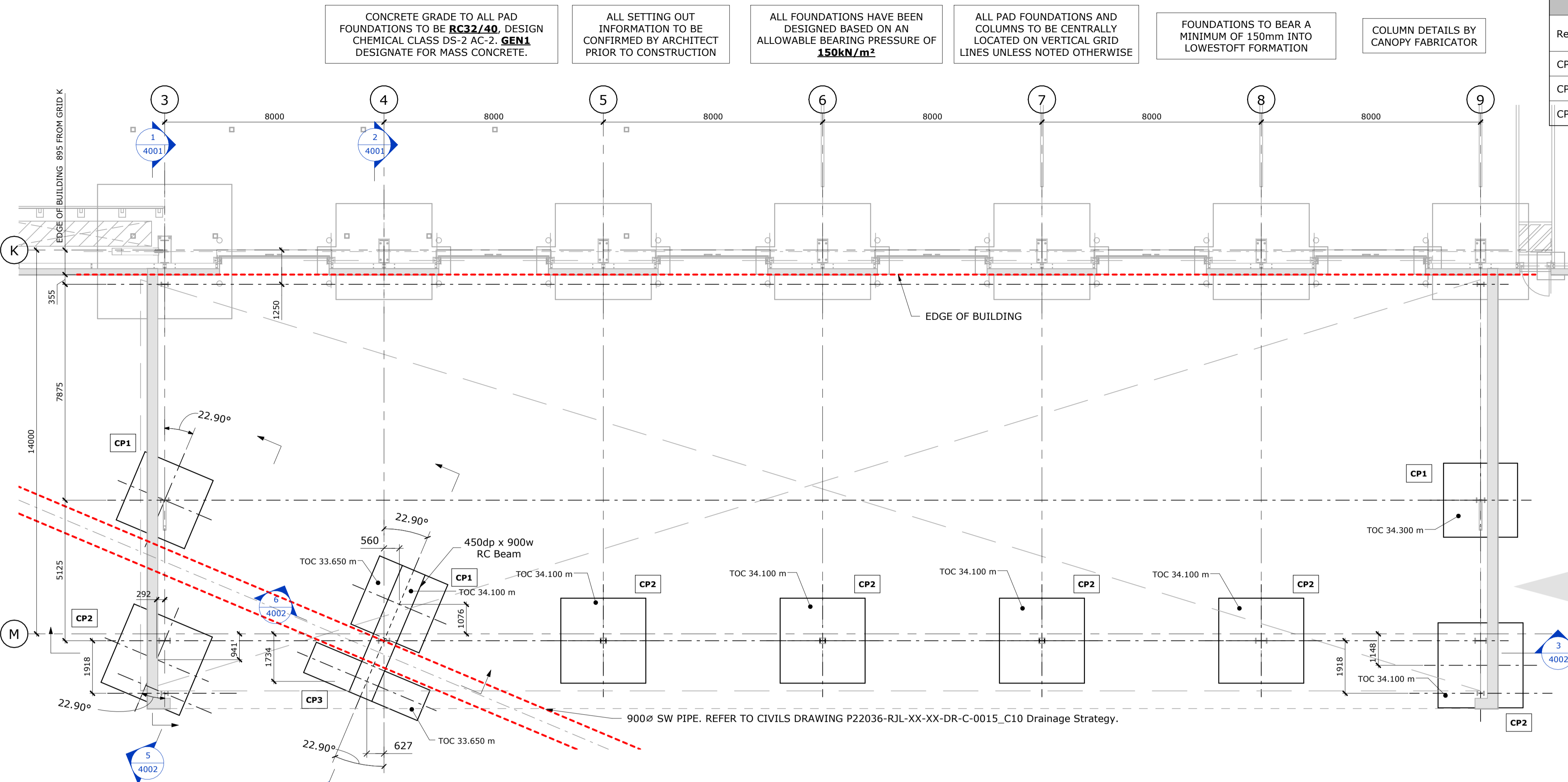


Richard Jackson Engineering Consultants

847 The Crescent, Colchester, Essex CO4 9YQ Tel: 01206 228800  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
 5 Quern House, Mill Court, Great Shelford, Cambs CB22 5LD Tel: 01223 314790  
 4 The Old Church, St. Matthews Road, Norwich, Norfolk NR3 1SP Tel: 01603 230240  
 New World Business Centre, Station Rd, Warrimley, Bristol, BS30 8XG Tel: 01172 020070  
 Email Address: mail@rj.co.uk Website: http://www.rj.co.uk

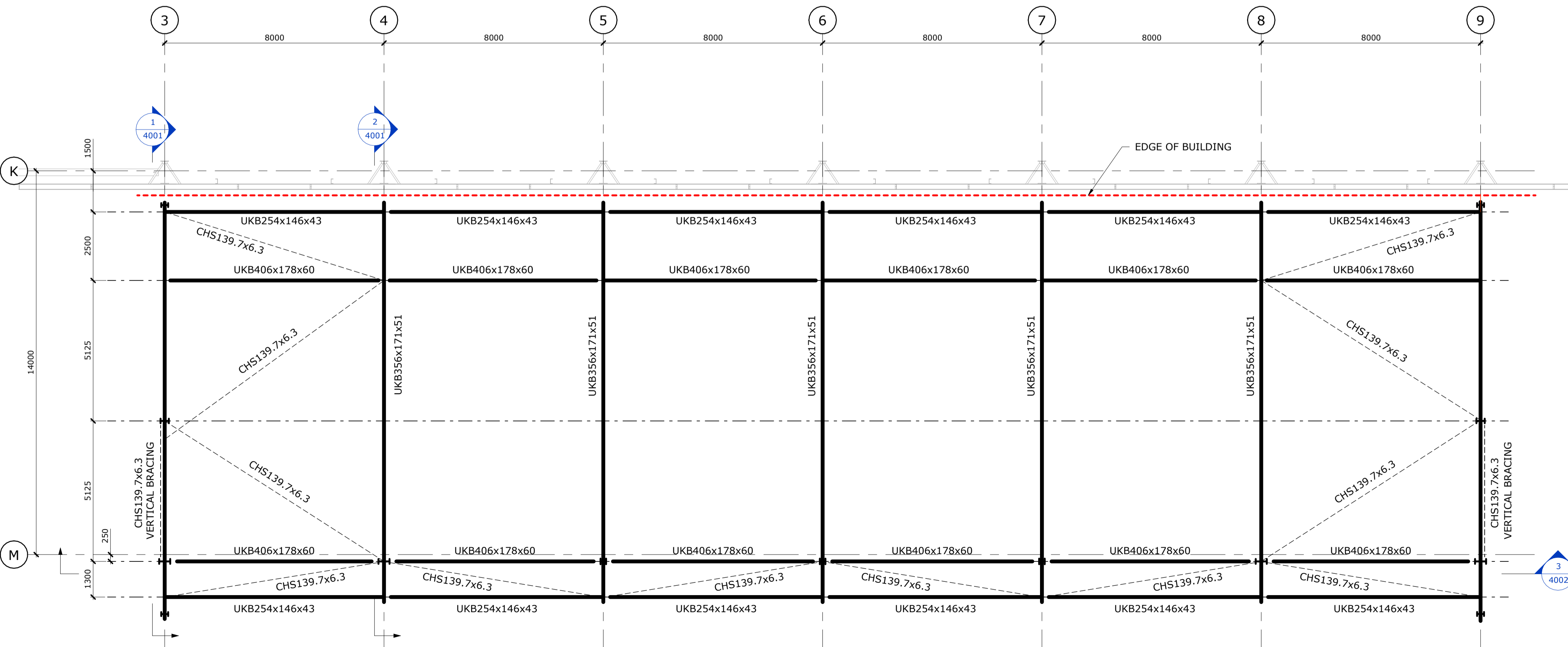
Scale	Drawn	Date					
1:50 & 1:25 @ A1	SGM	FEB. 2024					
Project Manager	Checked	Approved					
M. GEDDES	SPY						
Status	Suitability Description	RJL Project No :					
CR	CONSTRUCTION RECORD	61445EEE					
project	originator	zone	level	type	rate	number	revision
P23027	RJL	EX	SI	DR	S	8003	C1





FOUNDATION PLAN

1 : 100

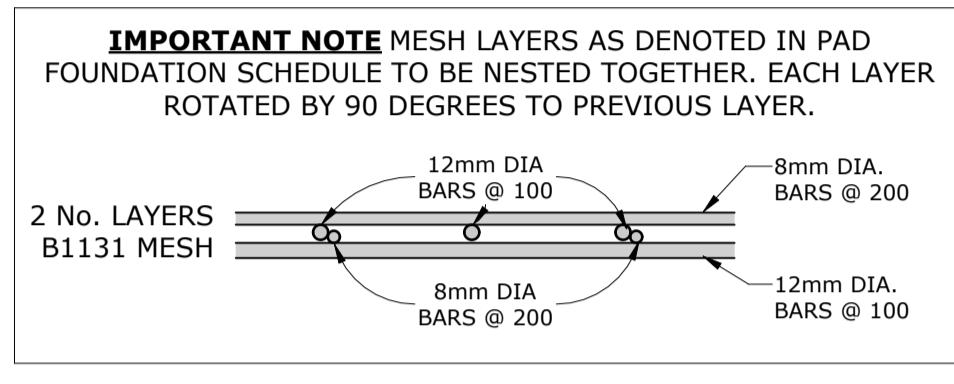


ROOF PLAN

1 : 100

- CONCRETE GRADE TO ALL PAD FOUNDATIONS TO BE **RC32/40**, DESIGN CHEMICAL CLASS DS-2 AC-2, **GEN1** DESIGNATE FOR MASS CONCRETE.
- ALL SETTING OUT INFORMATION TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION
- ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF **150kN/m<sup>2</sup>**
- ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE
- FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO LOWEST OF FORMATION
- COLUMN DETAILS BY CANOPY FABRICATOR

Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom



REFER TO DRAWING 61445-RJL-XX-XX-DR-S-0602 FOR 'PAD FOUNDATIONS ON CLAY SITES' NOTES

- GENERAL NOTES**
- The drawings, design and all information contained therein are the sole copyright of Richard Jackson Ltd and reproduction in any form is forbidden unless permission is obtained in writing.
  - All drawings shall be read in conjunction with all relevant Civil / Structural Engineers drawings, the project specification and Architects, Services Engineers & Landscape Architects drawings.
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  - Dimensions must not be scaled from the Engineers drawings.
  - All dimensions are in millimetres unless noted otherwise.
  - Dimensions marked \* are subject to confirmation by site measurement before construction proceeds.
  - All dimensions are given to structural surfaces unless noted otherwise.
  - All lightning connectors to be fixed in accordance with specialist details.
  - No holes, chases, cut-outs, existing or proposed services or the like may be formed in or pass through any beam, column, or load bearing wall unless written permission is obtained from the Engineer.
  - Holes smaller than 225 x 225mm through slabs are not necessarily shown on the Engineers drawings.
  - For size and location of all services refer to the Service Engineers and Architects drawings.
  - Inspections made by the Local Authority, NHBC or other Statutory bodies, shall be arranged by the Contractor to suit his programme. Any costs arising out of failing to carry out the work to the satisfaction of the Checking Authority will be the sole responsibility of the Contractor.
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  - All drawing specifications are given in accordance with NBS (National Building Specification) e.g. E10/130 which refers to NBS Section E10, Clause 130.
  - Abbreviations:
 

CRS	Centres	TOC	Top of concrete
TBC	To be confirmed	BOC	Bottom of concrete
UNO	Unless noted otherwise	SSL	Structural slab level
DIA	Diameter	TOS	Top of steel
EGL	Existing Ground Level	FFL	Finished Floor Level
FGL	Finished Ground Level	SOP	Setting out point

Rev	Date	Description	Drawn	Chkd
CO2	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
CO1	26.03.24	CONSTRUCTION ISSUE	MP	OT
PO3	17.11.23	FOUNDATIONS BY 9000 SW PIPE REVISED. STEELWORK SETTING OUT REVISED AS CLOUDED TO SUIT LATEST CANOPY SETTING OUT FROM ARCHITECT	MP	RM
PO2	03.11.23	DESIGN NOTES ADDED AS CLOUDED	MP	BGA
PO1	19.10.23	ISSUED FOR INFORMATION	AMJ	BGA

**REVISIONS**

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Project

**PLOT 4000**

**GATEWAY14**

STOWMARKET

Drawing Title

**GENERAL ARRANGEMENT CANOPY 1**

Client

**The RANGE**  
Homes, Leisure & Garden

**JAYNIC**

**Richard Jackson**  
Engineering Consultants

847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
 5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD Tel: 01223 314994  
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 New World Business Centre, Station Road, Warmley, Bristol, BS30 8XG Tel: 01172 020070  
 Email Address: mail@rj.co.uk Web Site: http://www.richardjackson.co.uk

Scale As indicated	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone XX
	level XX	type DR
	role S	number 0601
		revision C02

CONCRETE GRADE TO ALL PAD FOUNDATIONS TO BE RC32/40. DESIGN CHEMICAL CLASS DS-2 AC-2. GEN1 DESIGNATE FOR MASS CONCRETE.

ALL SETTING OUT INFORMATION TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION

ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF 150kN/m<sup>2</sup>

ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE

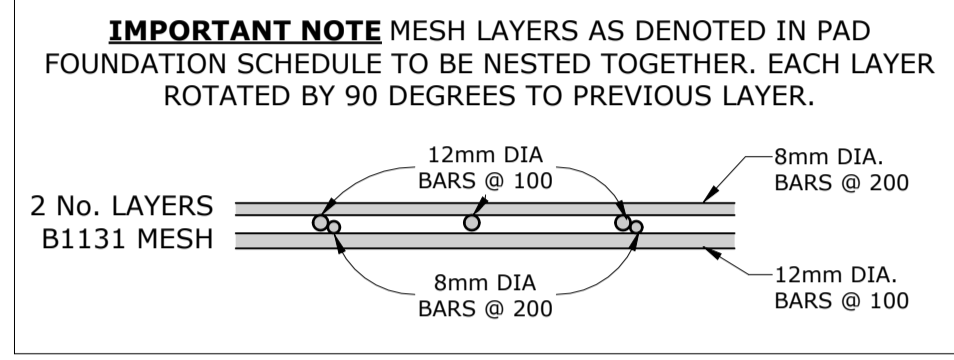
FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO ENGINEERED FILL

COLUMN DETAILS BY CANOPY FABRICATOR

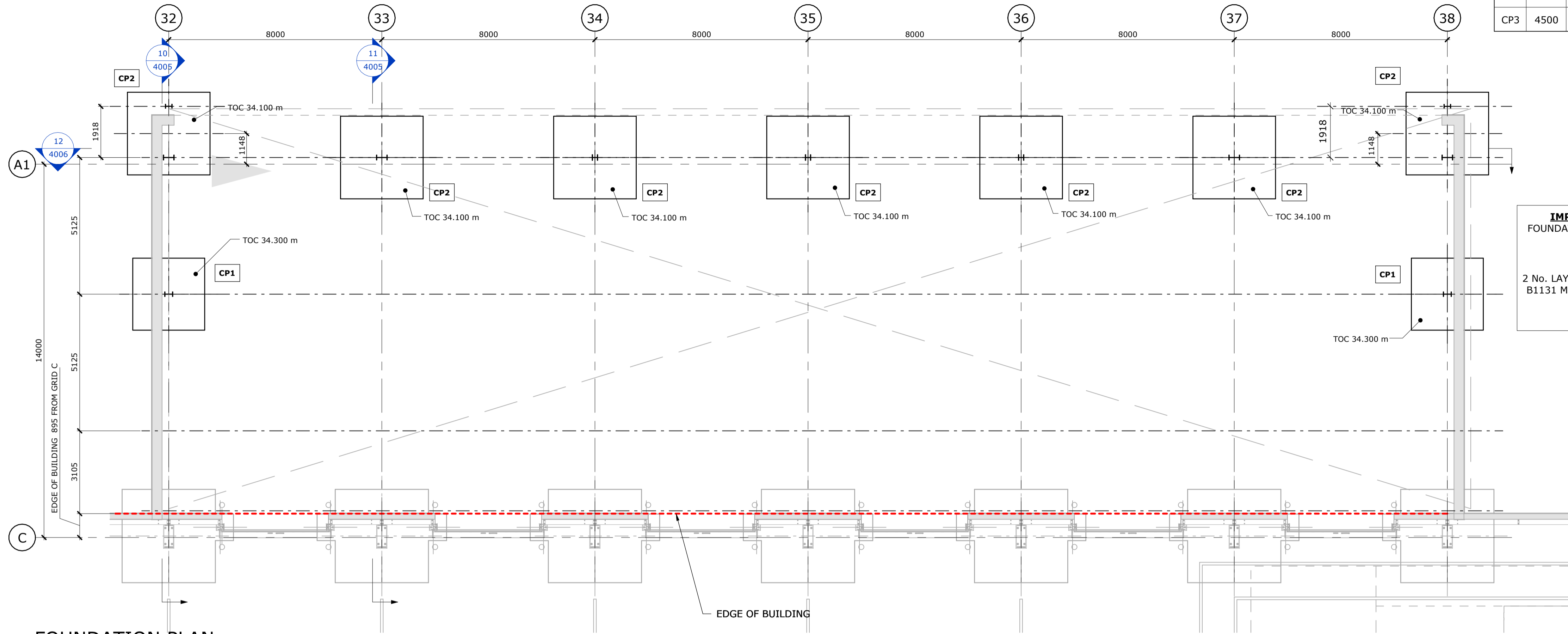
Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

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  - Abbreviations:
 

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UNO	Unless noted otherwise	SSL	Structural slab level
DIA	Diameter	TOS	Top of steel
EGL	Existing Ground Level	FFL	Finished Floor Level
FGL	Finished Ground Level	SOP	Setting out point

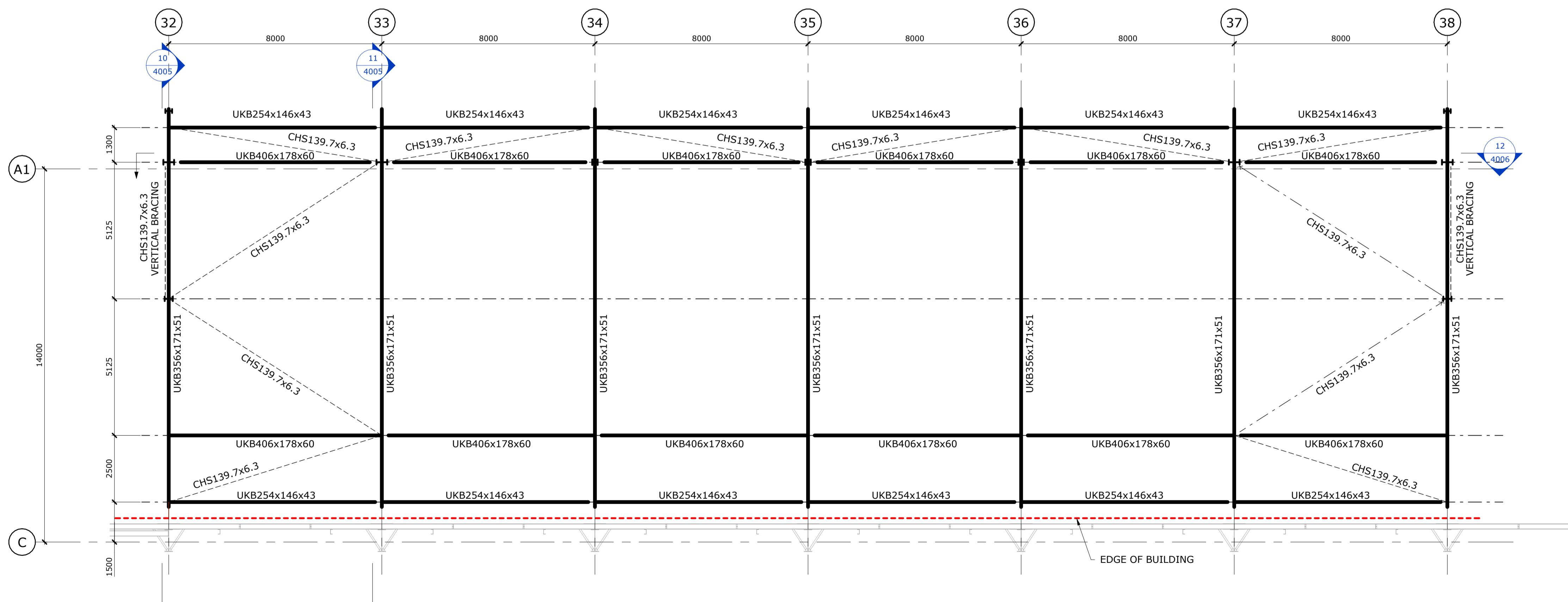


REFER TO DRAWING 61445-RJL-XX-XX-DR-S-0602 FOR 'PAD FOUNDATIONS ON CLAY SITES' NOTES



FOUNDATION PLAN

1 : 100



ROOF PLAN

1 : 100

Rev	Date	Description	Drawn	Chkd
C03	10.04.24	FOUNDATIONS REMOVED AS PER CLIENT REQUEST DATED 05.04.24	MP	OT
C02	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
C01	26.03.24	CONSTRUCTION ISSUE	MP	OT
P03	17.11.23	REVISED AS CLOUDED TO SUIT REVISED CANOPY SETTING OUT FROM ARCHITECT	MP	RM
P02	03.11.23	DESIGN NOTES ADDED AS CLOUDED	MP	BGA
P01	19.10.23	ISSUED FOR INFORMATION	AMJ	BGA

**REVISIONS**  
This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project  
**PLOT 4000 GATEWAY14**  
STOWMARKET

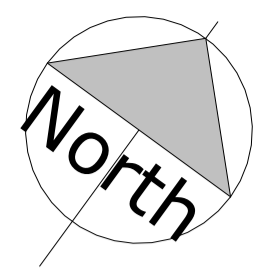
Drawing Title  
**GENERAL ARRANGEMENT CANOPY 3**



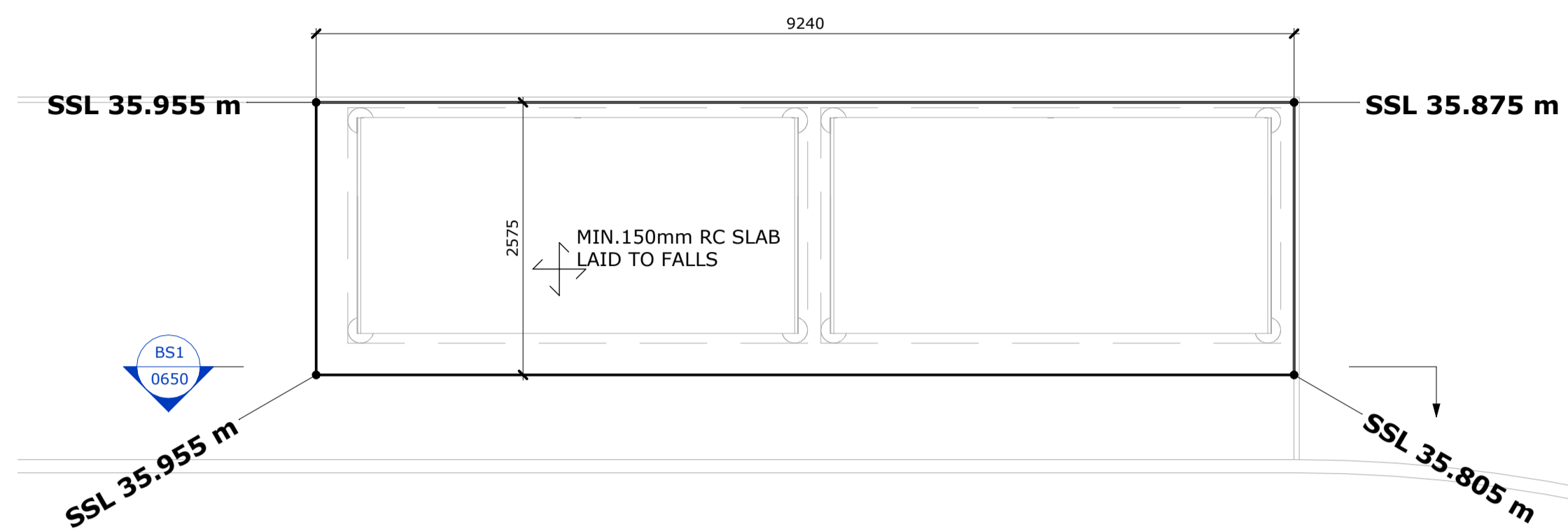
**Richard Jackson Engineering Consultants**  
847 The Crescent, Colchester, Essex, CO4 9YQ  
6th Floor, 1 St. Katherine's Way, London, E1W 1UN  
5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD  
6 The Old Church, St Matthews Rd, Norwich, Norfolk, NR1 1SP  
New World Business Centre, Station Road, Warrley, Bristol, BS30 8XG  
Email Address: mail@rj.uk.com Web Site: http://www.richardjackson.uk.com

Scale As indicated	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone XX
level XX	type DR	role S
number 0603	revision C03	



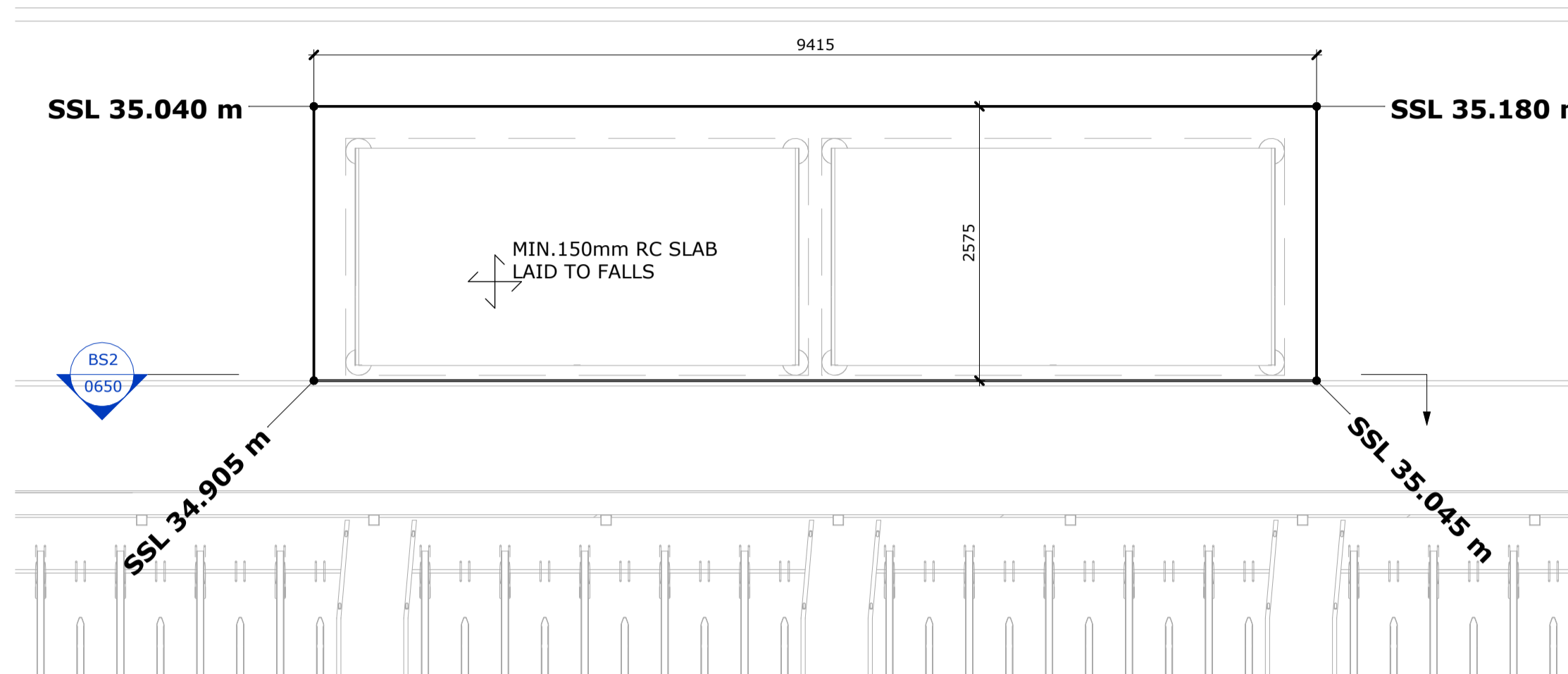


ALL SLABS TO BE 150mm THICK UNLESS NOTED OTHERWISE.  
 CONCRETE TO BE IN ACCORDANCE WITH BSEN206-1, BS8500-1 &  
 BS8500-2 WITH GRADE C32/40 CONCRETE, DESIGN CHEMICAL CLASS  
 AC-2 ; DC-2, CONSISTENCY CLASS S3.  
 1No. LAYER A393 MESH. MIN. 400mm LAPS AND 50 COVER TO ALL FACES



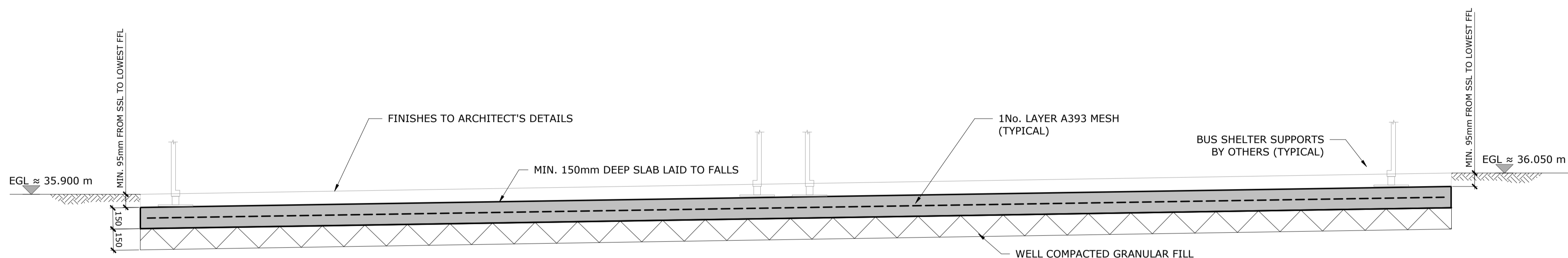
BUS SHELTER 1 GA

1 : 50



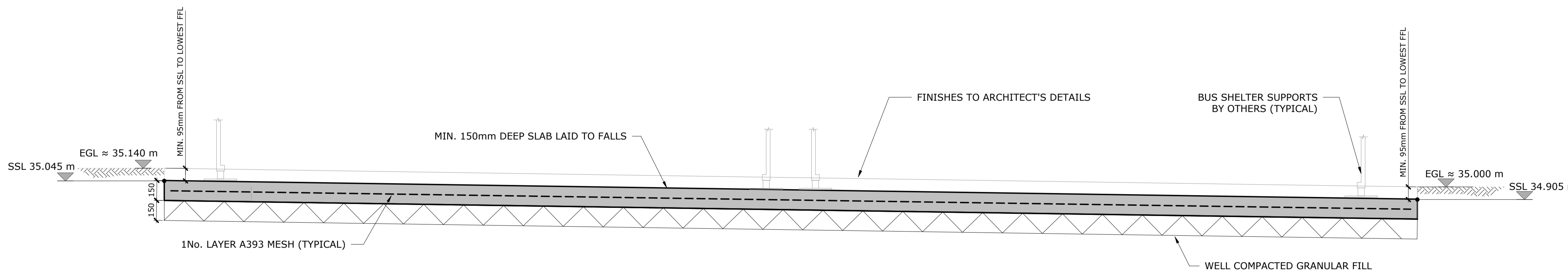
BUS SHELTER 2 GA

1 : 50



SECTION BS1

1 : 20



SECTION BS2

1 : 20

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 TBC To be confirmed  
 UNO Unless noted otherwise  
 DIA Diameter  
 EGL Existing Ground Level  
 FGL Finished Ground Level  
 TOC Top of concrete  
 BOC Bottom of concrete  
 SSL Structural slab level  
 TOS Top of steel  
 FFL Finished Floor Level  
 SOP Setting out point

Rev	Date	Description	MP	RM
C01	07.06.24	CONSTRUCTION ISSUE		

**REVISIONS**

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Project

**PLOT 4000**  
**GATEWAY14**  
 STOWMARKET

Drawing Title

**BUS SHELTER FOUNDATIONS**

Client



**Richard Jackson**  
 Engineering Consultants

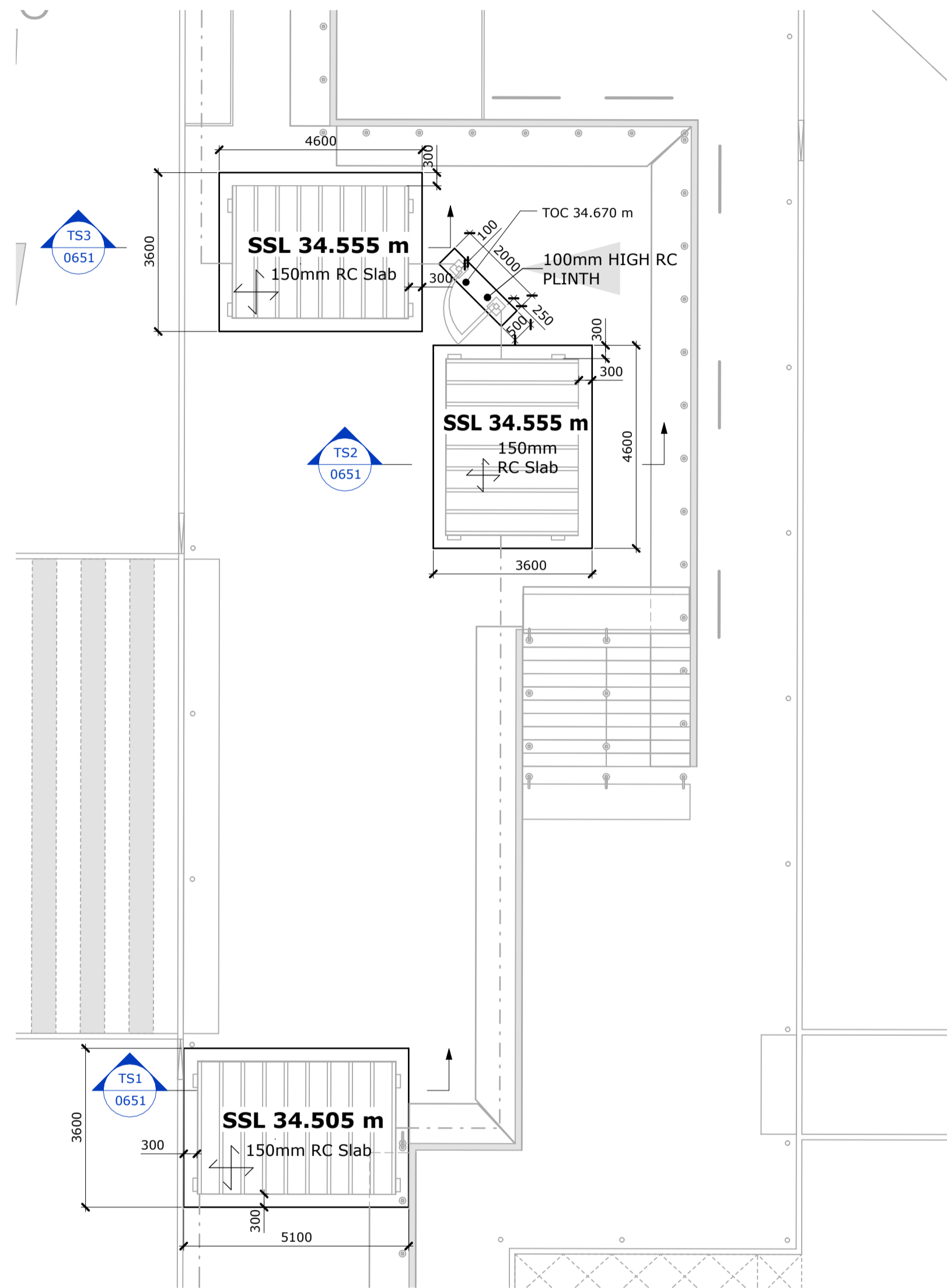
847 The Crescent, Colchester, Essex, CO4 9YQ  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN  
 5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD  
 6 The Old Church, St Matthews Rd, Norwich, Norfolk, NR1 1SP  
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 Email Address: mail@rj.co.uk Web Site: http://www.richardjackson.co.uk

Scale As indicated	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked RM	Approved RM
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project	originator	zone
P23027	RJL	XX
level	type	role
XX	DR	S
number	revision	
0650	C01	

EXISTING GROUND LEVELS TAKEN FROM DRAWING P22036-RJL-EW-SI-DR-C-0007 \_Proposed Levels & Contours

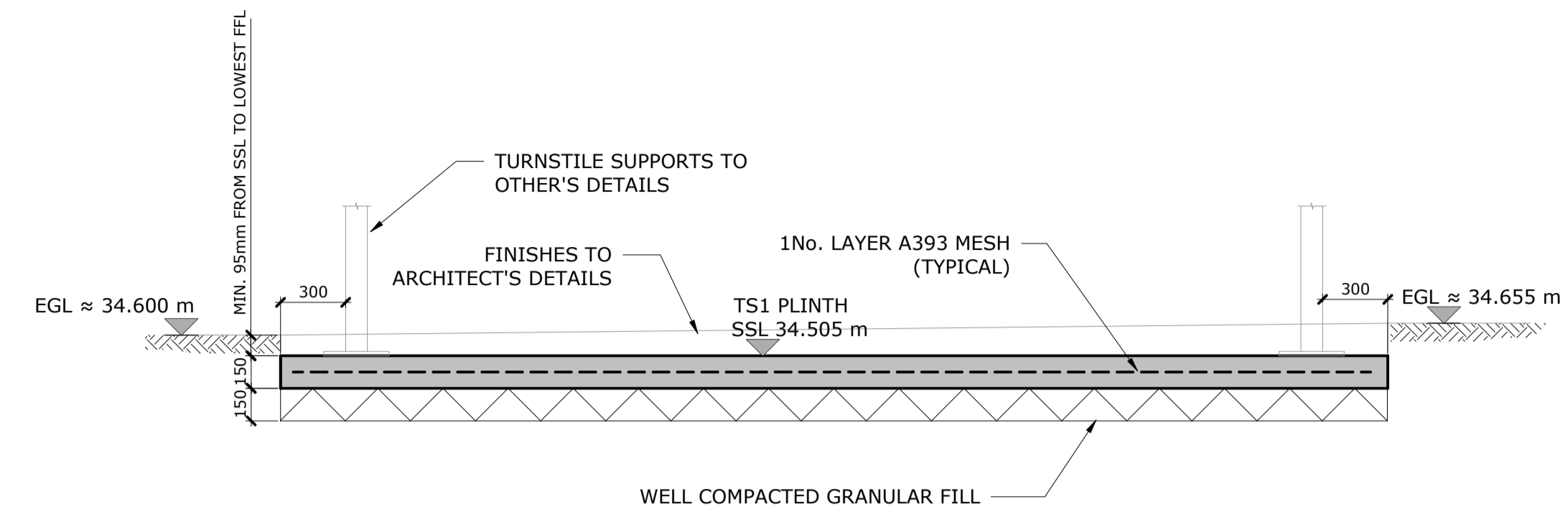
ALL SLABS TO BE 150mm THICK UNLESS NOTED OTHERWISE. CONCRETE TO BE IN ACCORDANCE WITH BSEN206-1, BS8500-1 & BS8500-2 WITH GRADE C32/40 CONCRETE, DESIGN CHEMICAL CLASS AC-2 ; DC-2, CONSISTENCY CLASS S3. 1No. LAYER A393 MESH. MIN. 400mm LAPS AND 50 COVER TO ALL FACES

REFER TO FSA DRAWING P23027-FSA-EW-SI-DR-A-0377 FOR TURNSTILES AND SHELTERS SETTING OUT AND DETAILS



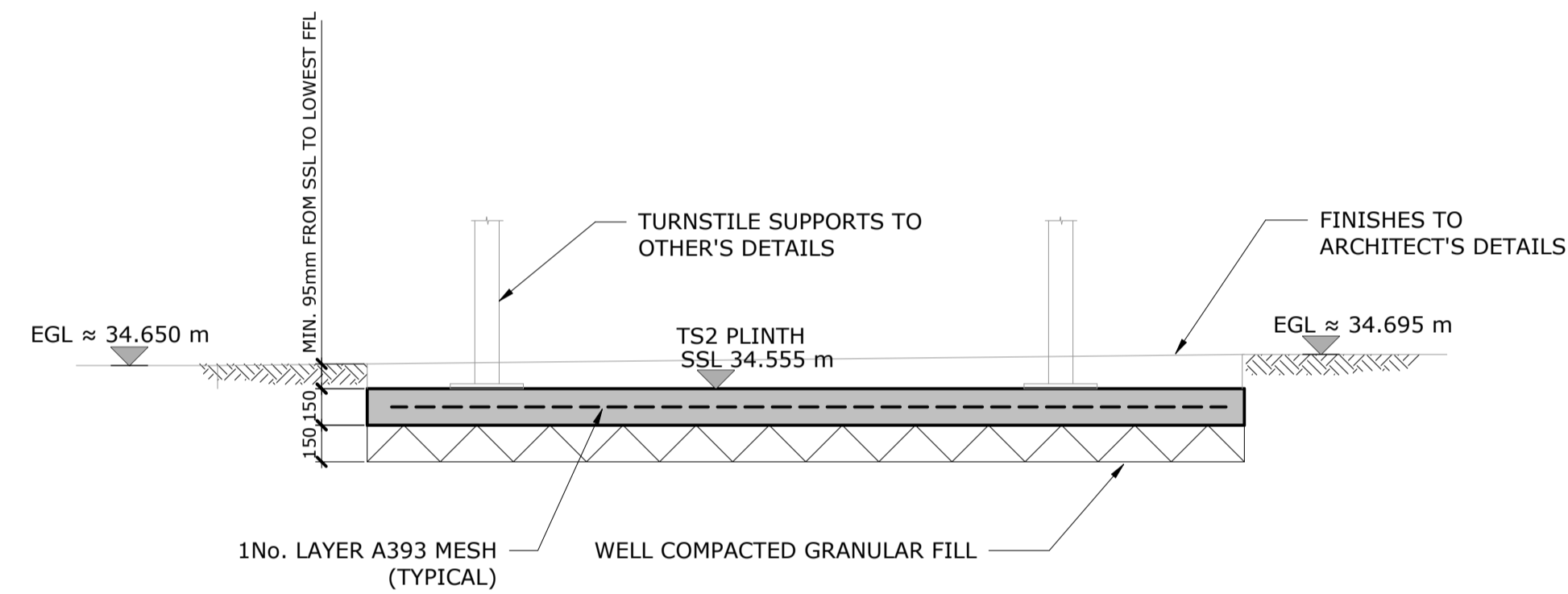
TURNSTILE FOUNDATIONS GA

1 : 100



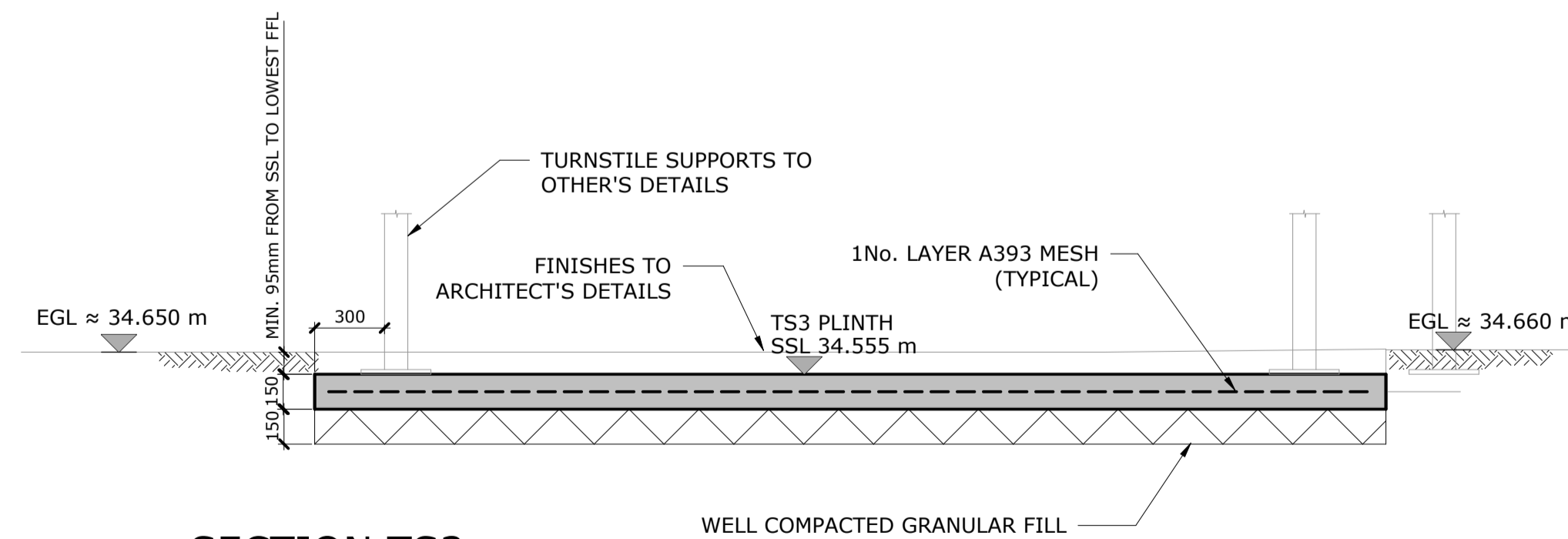
SECTION TS1

1 : 25



SECTION TS2

1 : 25



SECTION TS3

1 : 25

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12. Abbreviations:
CRS Centres TOC Top of concrete
TBC To be confirmed BOC Bottom of concrete
UNO Unless noted otherwise SSL Structural slab level
DIA Diameter TOS Top of steel
EGL Existing Ground Level FFL Finished Floor Level
FGL Finished Ground Level SOP Setting out point

Table with columns for Rev, Date, Description, MP, RM. Row 1: C01, 07.06.24, CONSTRUCTION ISSUE, MP, RM.

REVISIONS
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Project
PLOT 4000 GATEWAY14 STOWMARKET

Drawing Title
TURNSTILE FOUNDATIONS

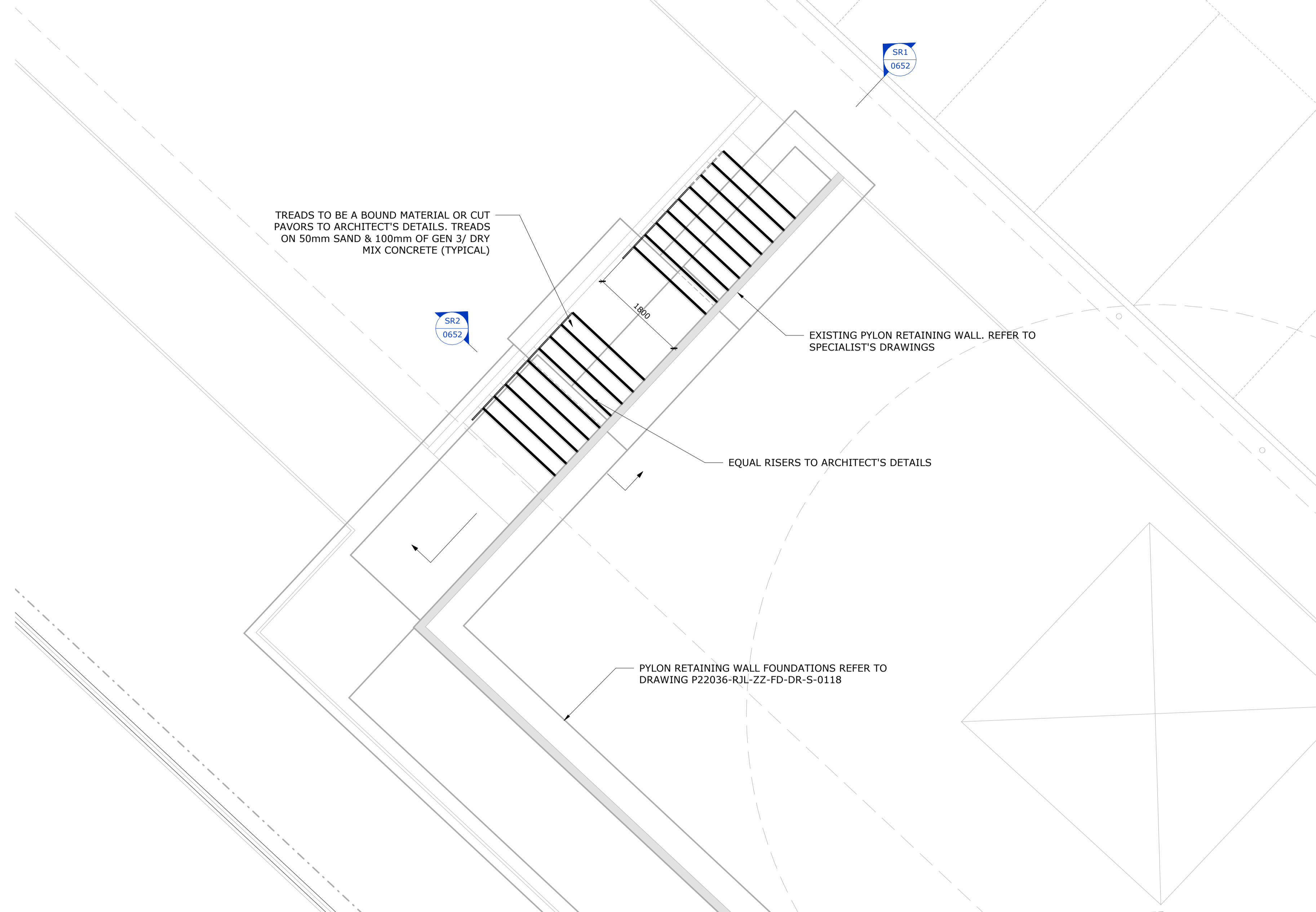


Richard Jackson Engineering Consultants
847 The Crescent, Colchester, Essex, CO4 9YQ
6th Floor, 1 St. Katherine's Way, London, E1W 1UN
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New World Business Centre, Station Road, Warmley, Bristol, BS30 8XG

Table with columns for Scale, Drawn, Date, Project Manager, Checked, Approved, Status, Suitability Description, RJI Project No, and a project details table with columns for project, originator, zone, level, type, role, number, revision.

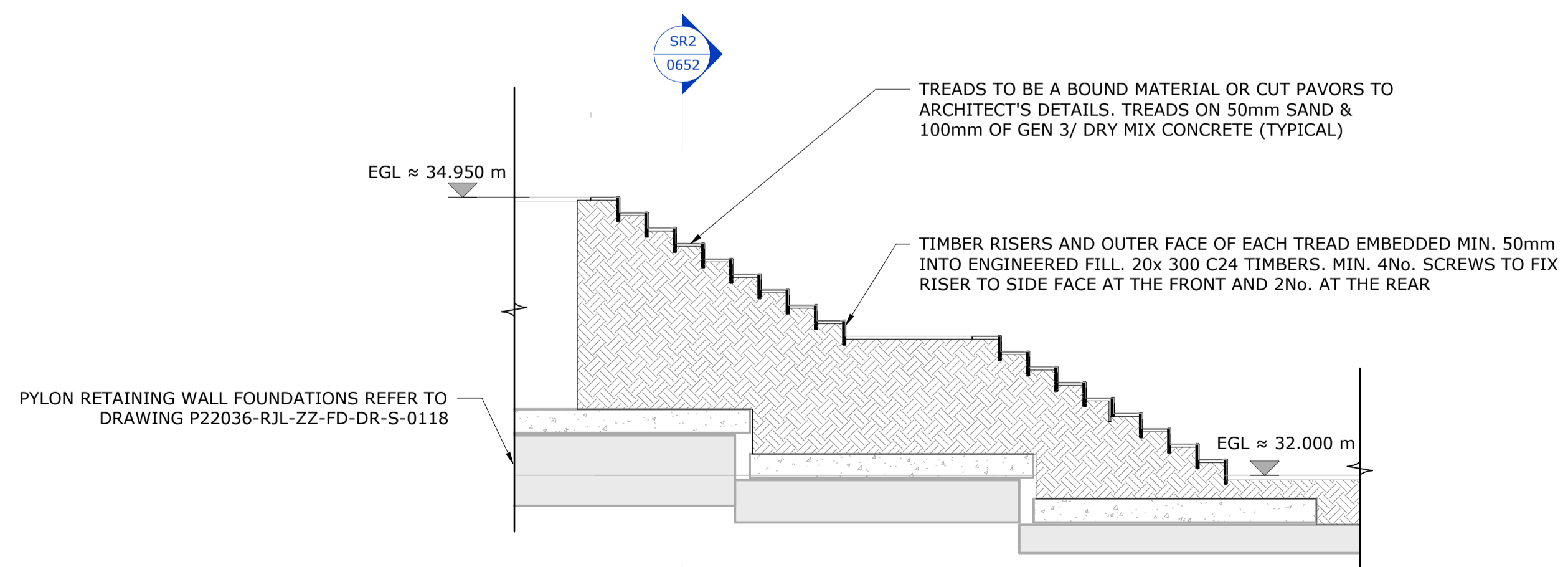
EXISTING GROUND LEVELS TAKEN FROM DRAWING P22036-RJL-EW-SI-DR-C-0007 \_Proposed Levels & Contours

REFER TO FSA DRAWING P23027-FSA-EW-SI-DR-A-0376 FOR EXTERNAL STEPS SETTING OUT AND DETAILS



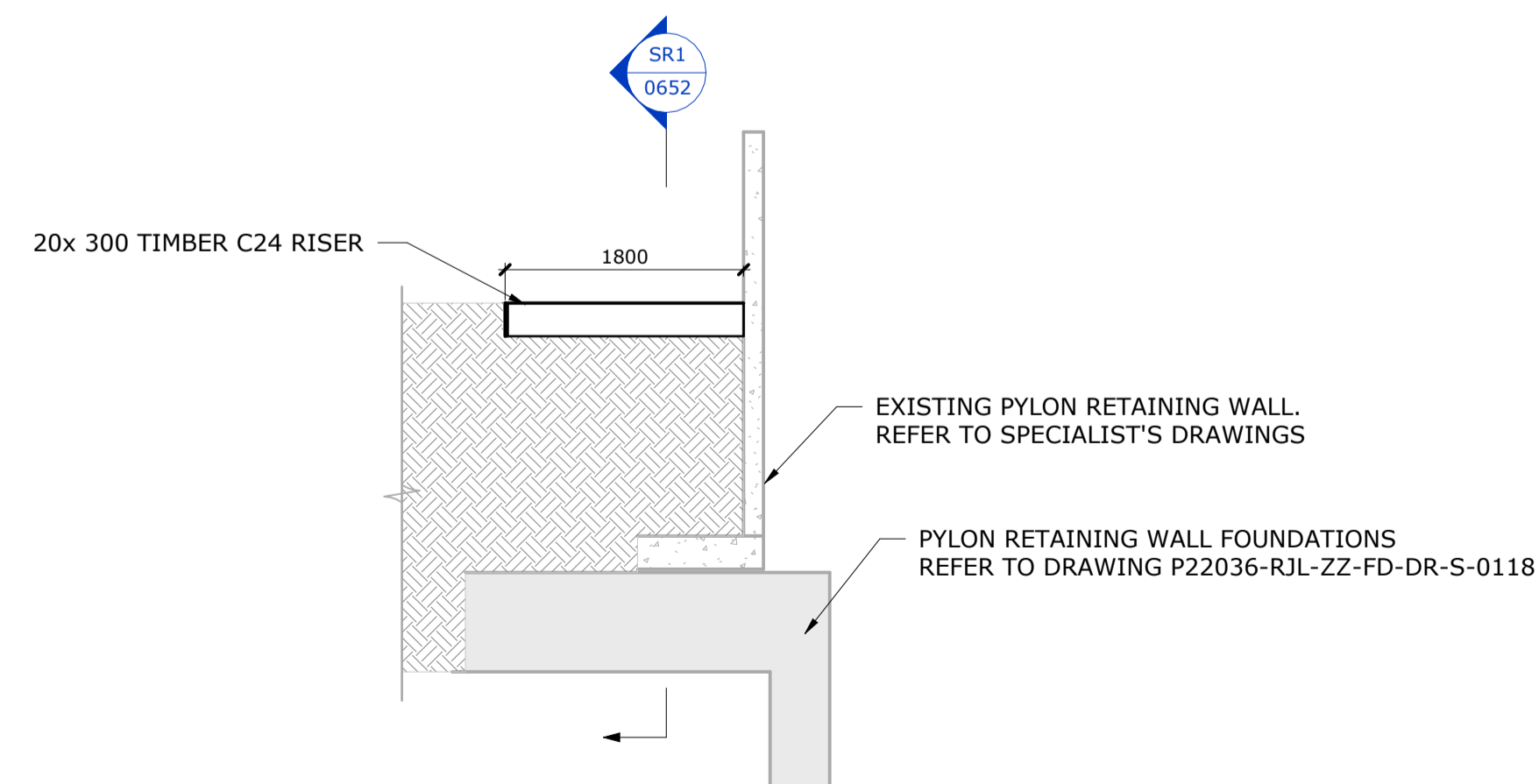
EXTERNAL STAIRS

1 : 50



SECTION SR1

1 : 50



SECTION SR2

1 : 50

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UNO	Unless noted otherwise	SSL	Structural slab level
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Rev	Date	Description	Drawn	Chkd
C01	05.06.24	CONSTRUCTION ISSUE STAIR WIDTH REDUCED TO 1800 WIDE & NOTE AMENDED TO GEN3/DRY MIX CONCRETE AS PER REQUEST DATED 04.06.24	MP	RM

REVISIONS

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Project

PLOT 4000  
GATEWAY14

STOWMARKET

Drawing Title

EXTERNAL STAIRS

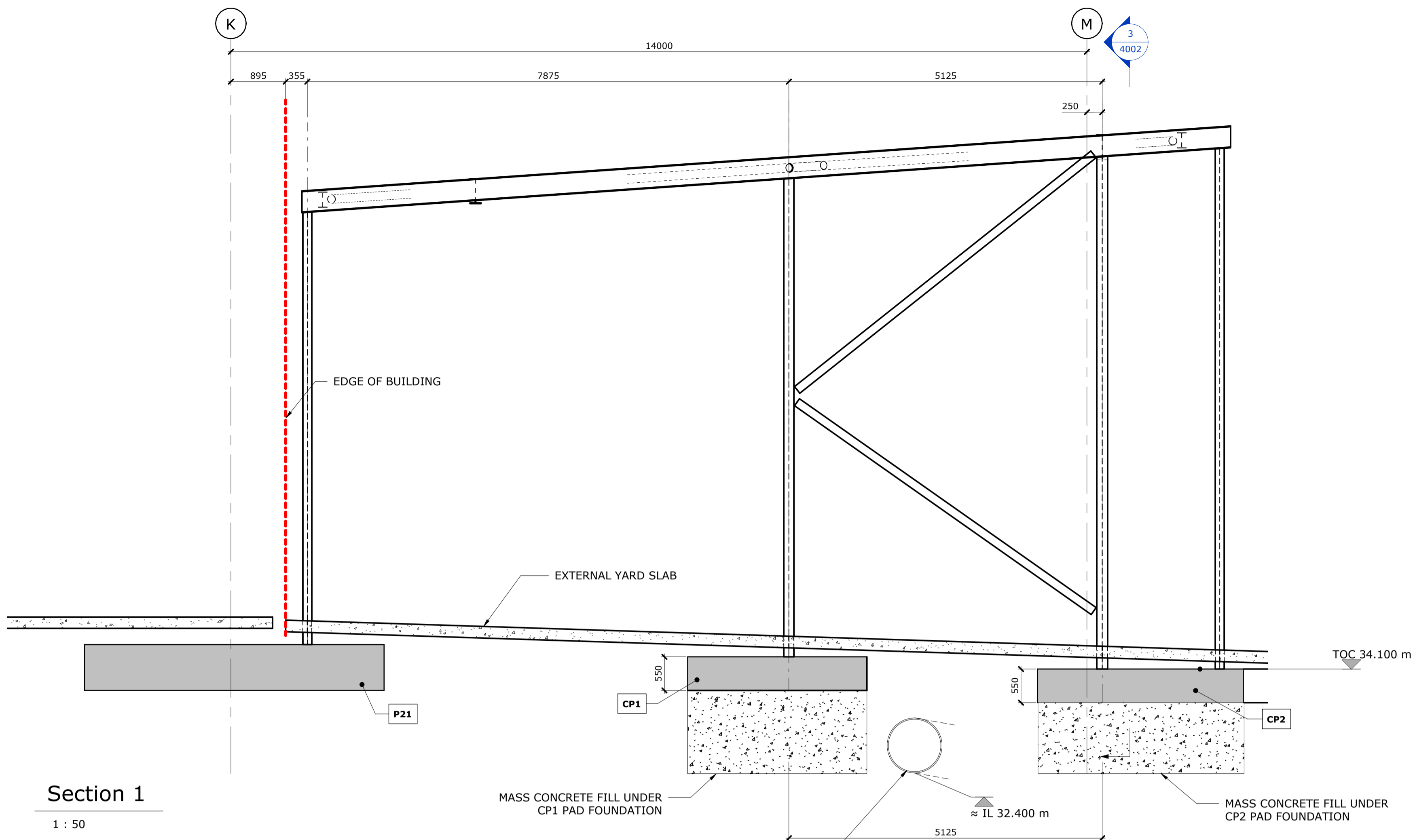
Client



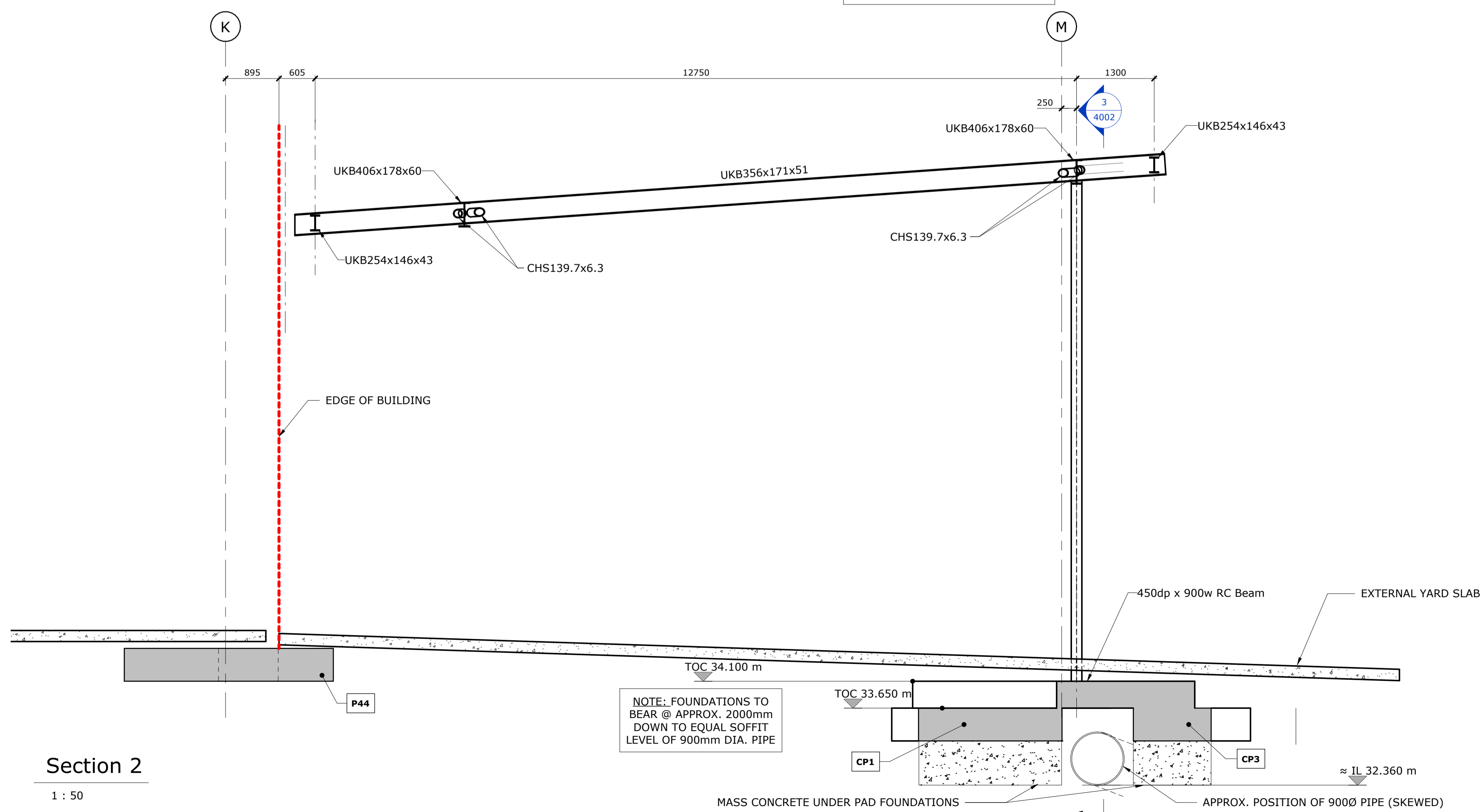
**Richard Jackson**  
Engineering Consultants

847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
 5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD Tel: 01223 314794  
 6 The Old Church, St Matthews Rd, Norwich, Norfolk, NR1 1SP Tel: 01603 230240  
 New World Business Centre, Station Road, Warmley, Bristol, BS30 8XG Tel: 01172 020070  
 Email Address: mail@rj.co.uk Web Site: http://www.richardjackson.co.uk

Scale 1 : 50	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked RM	Approved RM
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project	originator	zone
P23027	RJL	XX
level	type	role
XX	DR	S
number	revision	
0652	C01	



Section 1  
1 : 50



Section 2  
1 : 50

Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

ALL SETTING OUT INFORMATION TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION

CONCRETE GRADE TO ALL PAD FOUNDATIONS TO BE RC32/40, DESIGN CHEMICAL CLASS DS-2 AC-2. GEN1 DESIGNATE FOR MASS CONCRETE.

ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF 150kN/m<sup>2</sup>

FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO LOWEST OF FORMATION

ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE

COLUMN DETAILS BY CANOPY FABRICATOR

- GENERAL NOTES**
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  - Abbreviations:
 

CRS	Centres	TOC	Top of concrete
TBC	To be confirmed	BOC	Bottom of concrete
UNO	Unless noted otherwise	SSL	Structural slab level
DIA	Diameter	TOS	Top of steel
EGL	Existing Ground Level	FFL	Finished Floor Level
FGL	Finished Ground Level	SOP	Setting out point

Rev	Date	Description	Drawn	Chkd
C02	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
C01	26.03.24	CONSTRUCTION ISSUE	MP	OT
P01	17.11.23	ISSUED FOR INFORMATION	MP	RM

**REVISIONS**  
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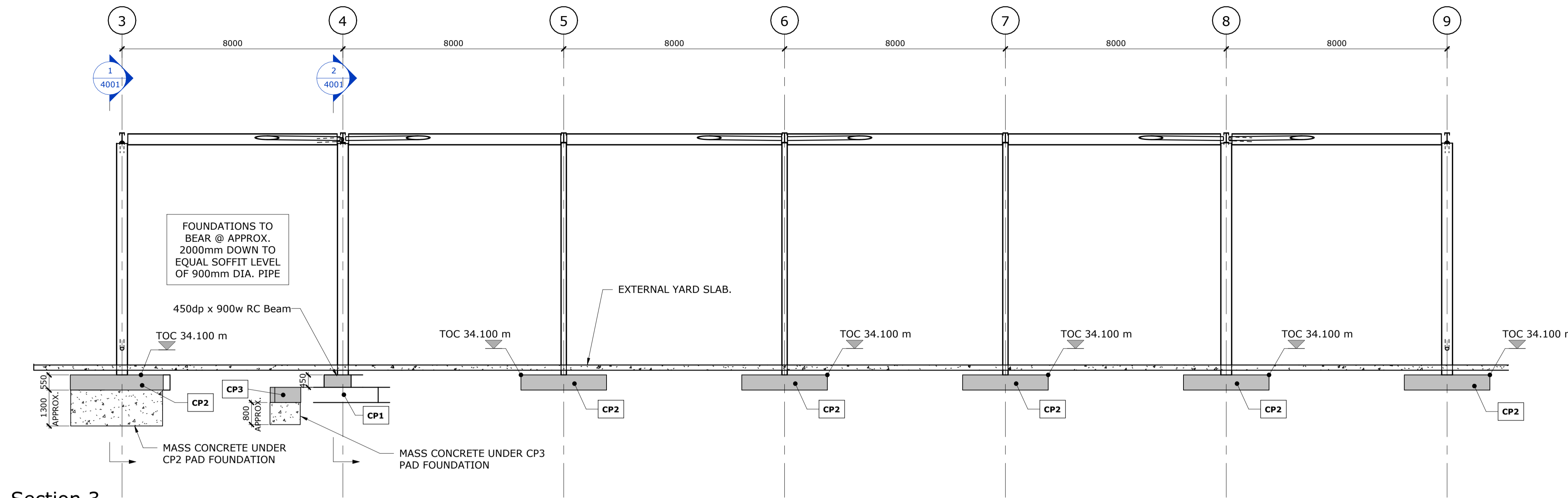
Project  
**PLOT 4000 GATEWAY14**  
STOWMARKET

Drawing Title  
**TYPICAL SECTIONS CANOPY 1 SHEET 1 OF 2**



**Richard Jackson Engineering Consultants**  
847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
5 Queen House, Hill Court, Great Shelford, Cambs, CB22 3LD Tel: 01223 314994  
6 The Old Church, St Matthews Rd, Norwich, Norfolk, NR1 1SP Tel: 01603 230240  
New World Business Centre, Station Road, Warmley, Bristol, BS30 8XG Tel: 01172 020070  
Email Address: mail@rj.uk.com Web Site: http://www.richardjackson.uk.com

Scale 1 : 50	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone XX
level XX	type DR	role S
number 4001	revision C02	



Section 3

1 : 100

ALL SETTING OUT INFORMATION TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION

CONCRETE GRADE TO ALL PAD FOUNDATIONS TO BE RC32/40. DESIGN CHEMICAL CLASS DS-2 AC-2. GEN1 DESIGNATE FOR MASS CONCRETE.

ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF 150kN/m<sup>2</sup>

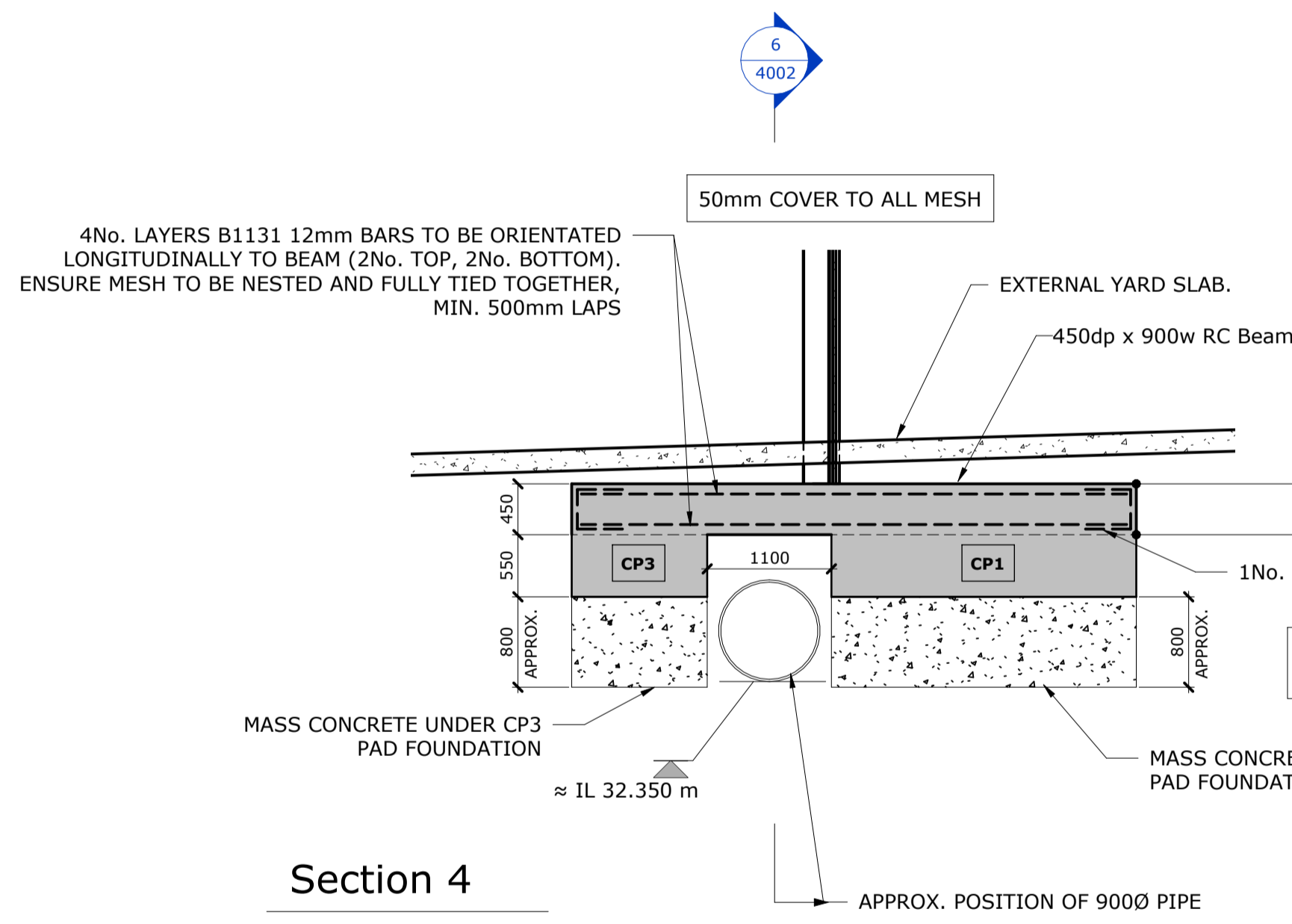
FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO LOWEST OF FORMATION

ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE

COLUMN DETAILS BY CANOPY FABRICATOR

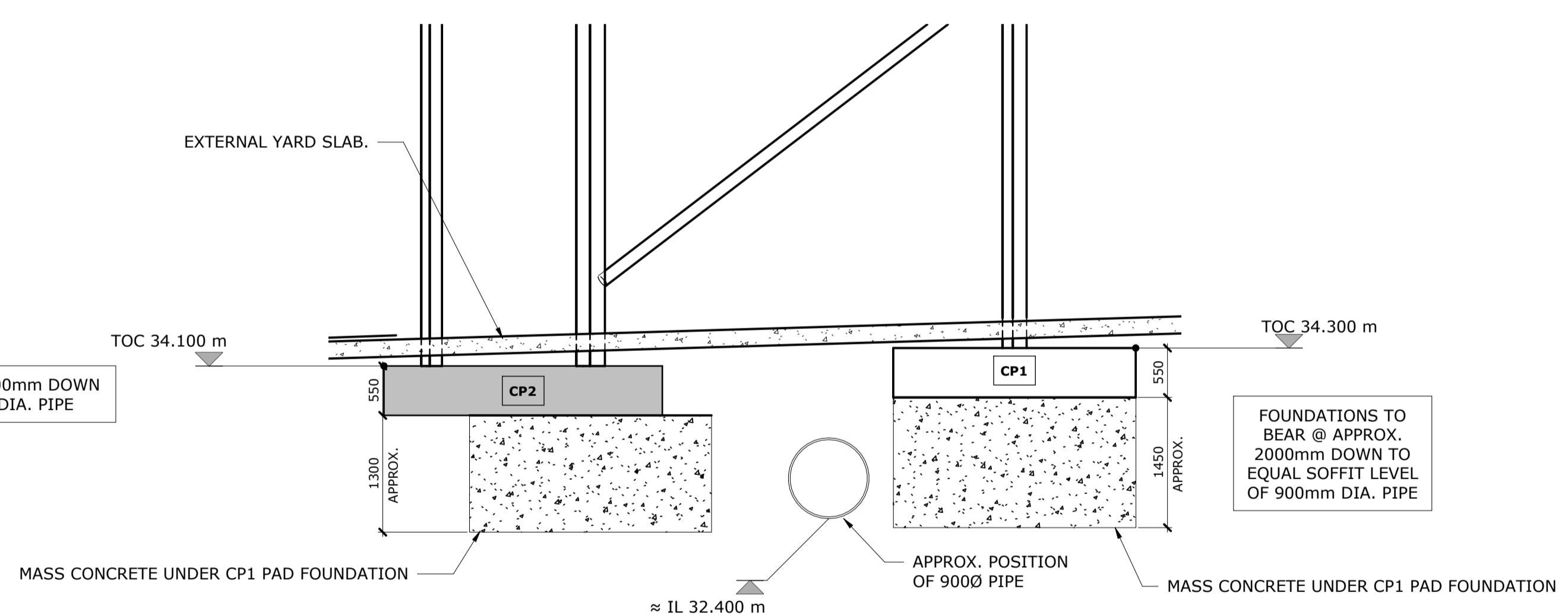
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- Abbreviations:  
 CRS Centres TOC Top of concrete  
 TBC To be confirmed BOC Bottom of concrete  
 UNO Unless noted otherwise SSL Structural slab level  
 DIA Diameter TOS Top of steel  
 EGL Existing Ground Level FFL Finished Floor Level  
 FGL Finished Ground Level SOP Setting out point



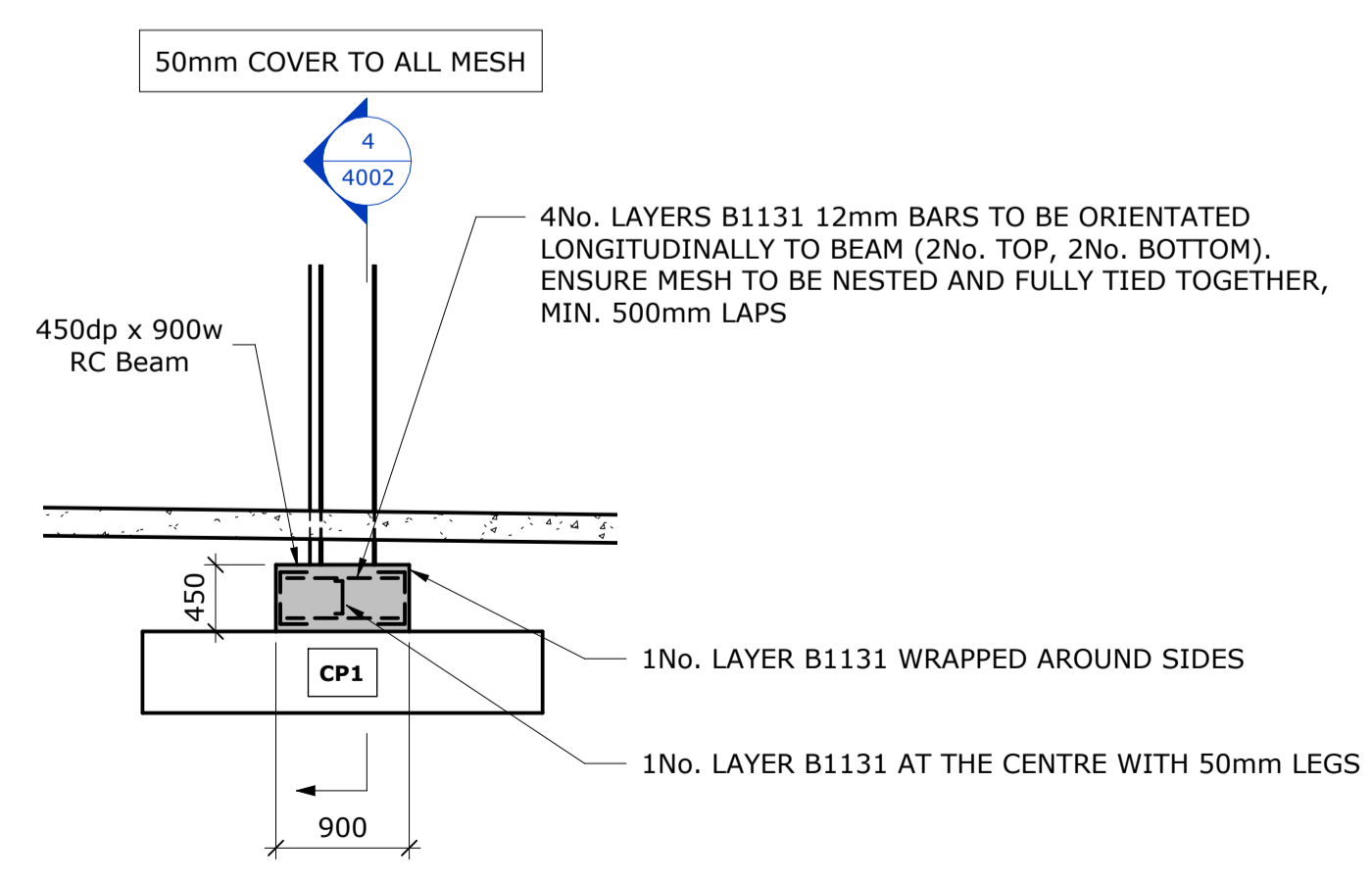
Section 4

1 : 50



Section 5

1 : 50



Section 6

1 : 50

Rev	Date	Description	Drawn	Chkd
CO2	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
CO1	26.03.24	CONSTRUCTION ISSUE	MP	OT
PO1	17.11.23	ISSUED FOR INFORMATION	MP	RM

**REVISIONS**  
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Project  
**PLOT 4000 GATEWAY14**  
 STOWMARKET

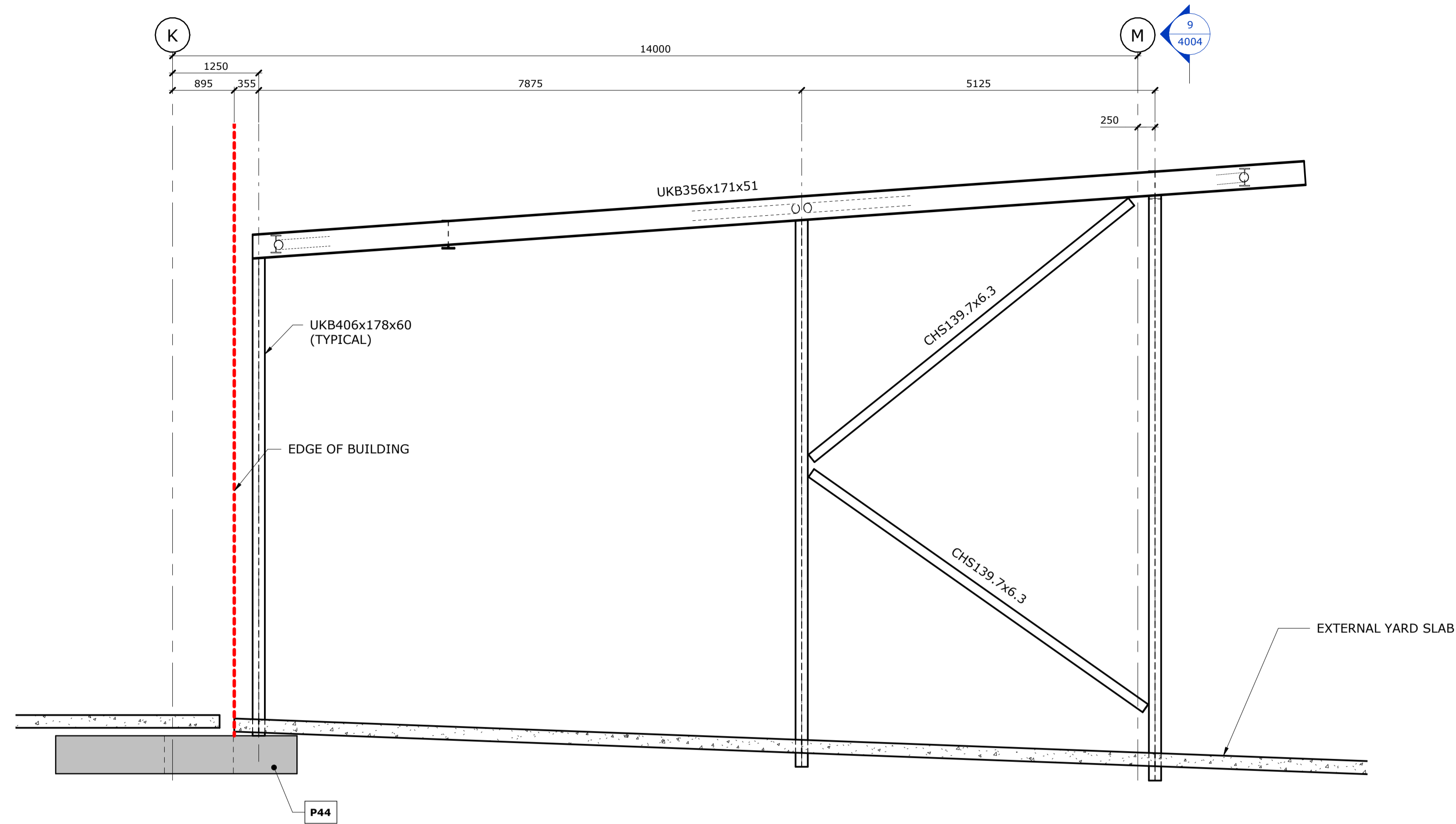
Drawing Title  
**TYPICAL SECTIONS CANOPY 1 SHEET 2 OF 2**



**Richard Jackson Engineering Consultants**  
 847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
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 Email Address: mail@rj.uk.com Web Site: http://www.richardjackson.uk.com

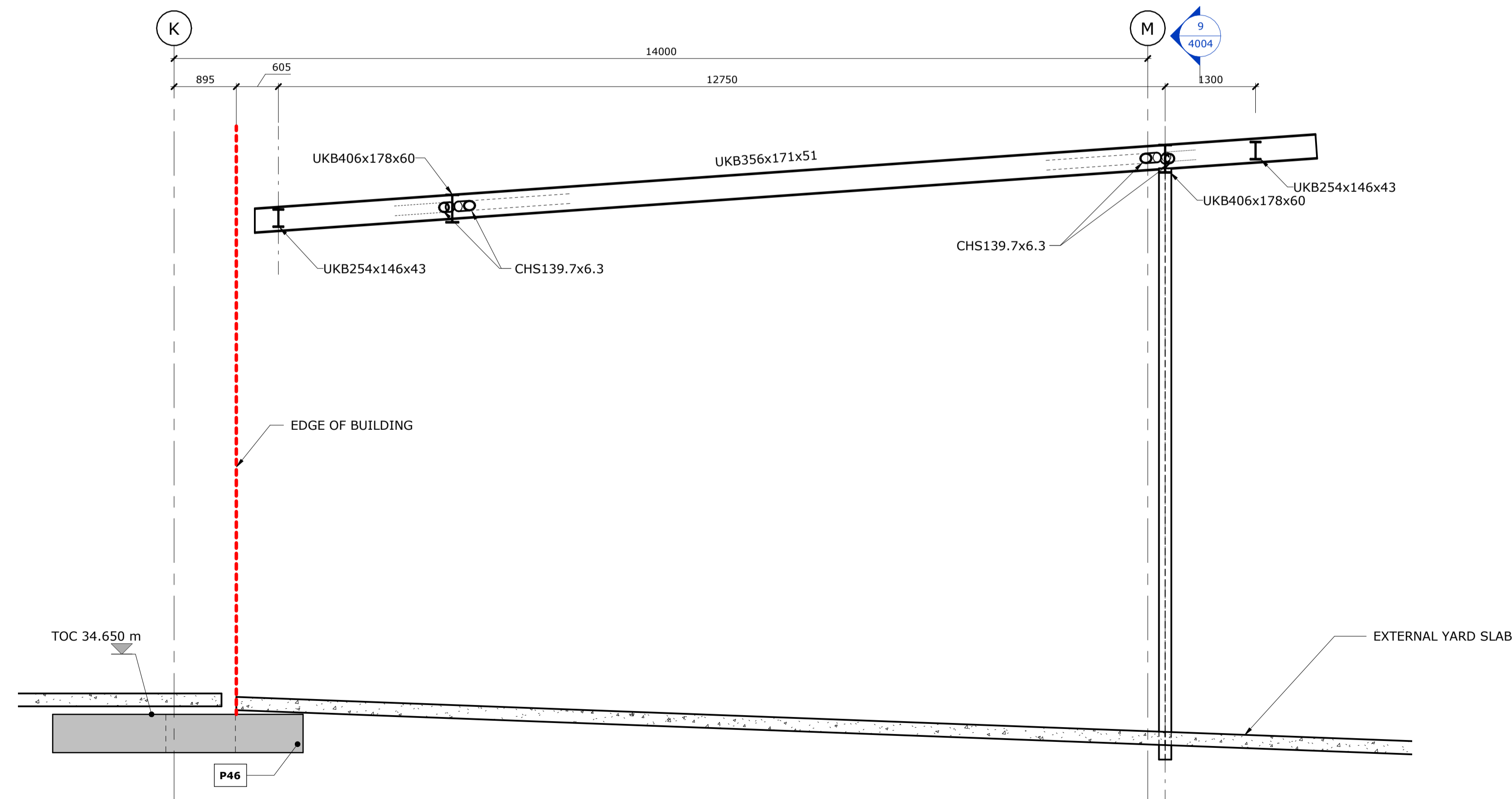
Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

Scale	As indicated	Drawn	MP	Date	OCTOBER 2023		
Project Manager	A. SHIH	Checked	BGA	Approved			
Status	CR	Suitability Description	CONSTRUCTION RECORD	RJL Project No	61445EEE		
project	originator	zone	level	type	role	number	revision
P23027	RJL	XX	XX	DR	S	4002	CO2



Section 7

1 : 50



Section 8

1 : 50

Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

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UNO	Unless noted otherwise	SSL	Structural slab level
DIA	Diameter	TOS	Top of steel
EGL	Existing Ground Level	FFL	Finished Floor Level
FGL	Finished Ground Level	SOP	Setting out point

Rev	Date	Description	Drawn	Chkd
C01	26.03.24	CONSTRUCTION ISSUE	MP	OT
P01	17.11.23	ISSUED FOR INFORMATION	MP	RM

**REVISIONS**

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Project

**PLOT 4000**  
**GATEWAY14**  
STOWMARKET

Drawing Title  
**TYPICAL SECTIONS**  
**CANOPY 2**  
**SHEET 1 OF 2**

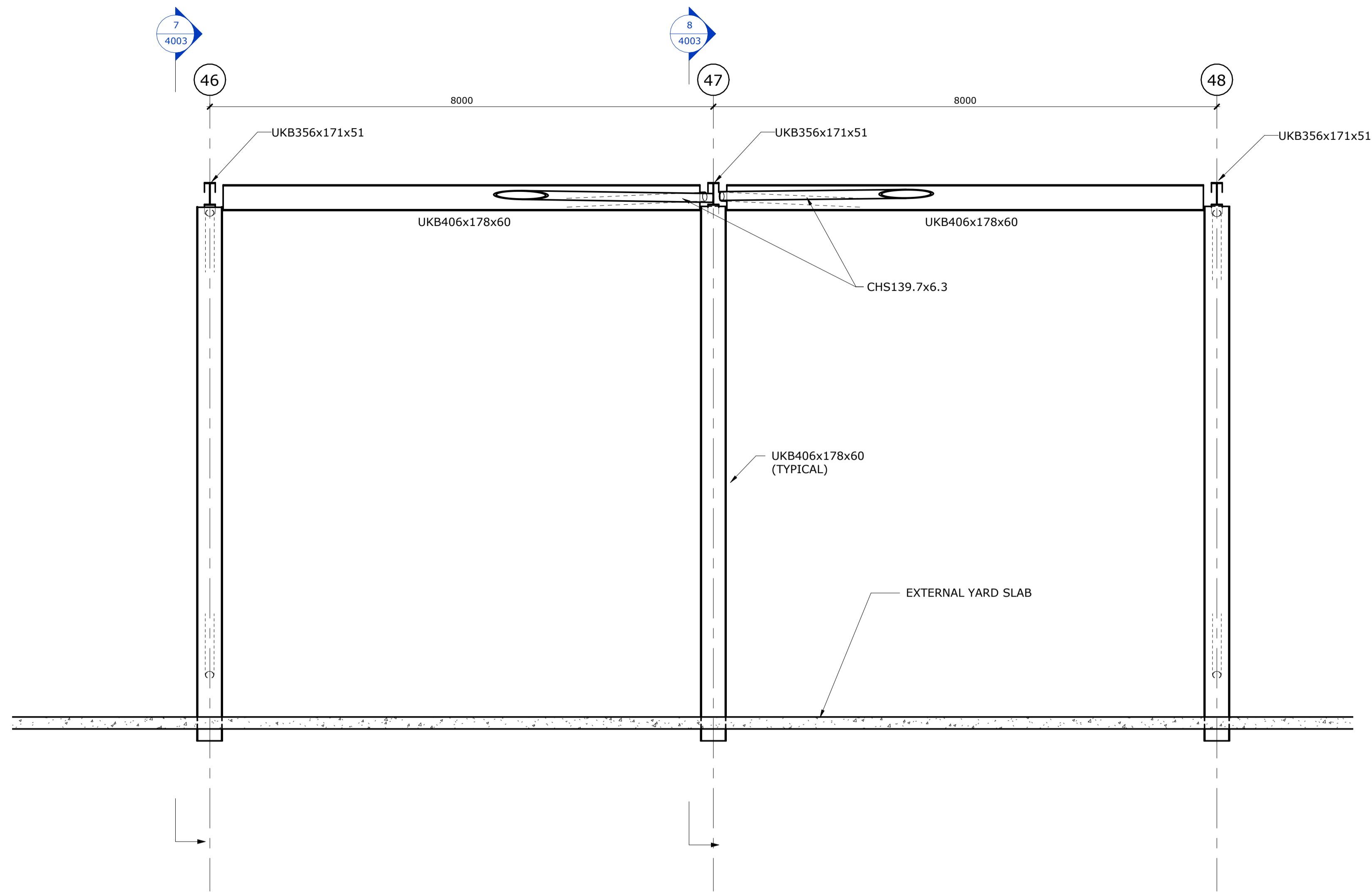
Client



**Richard Jackson**  
**Engineering Consultants**

847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
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New World Business Centre, Station Road, Warmley, Bristol, BS30 8XG Tel: 01172 020070  
Email Address: mail@rj.uk.com Web Site: http://www.richardjackson.uk.com

Scale 1 : 50	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone XX
level XX	type DR	role S
number 4003	revision C01	



Section 9

1 : 50

Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

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DIA	Diameter	TOS	Top of steel
EGL	Existing Ground Level	FFL	Finished Floor Level
FGL	Finished Ground Level	SOP	Setting out point

Rev	Date	Description	Drawn	Chkd
CO1	26.03.24	CONSTRUCTION ISSUE	MP	OT
PO1	17.11.23	ISSUED FOR INFORMATION	MP	RM

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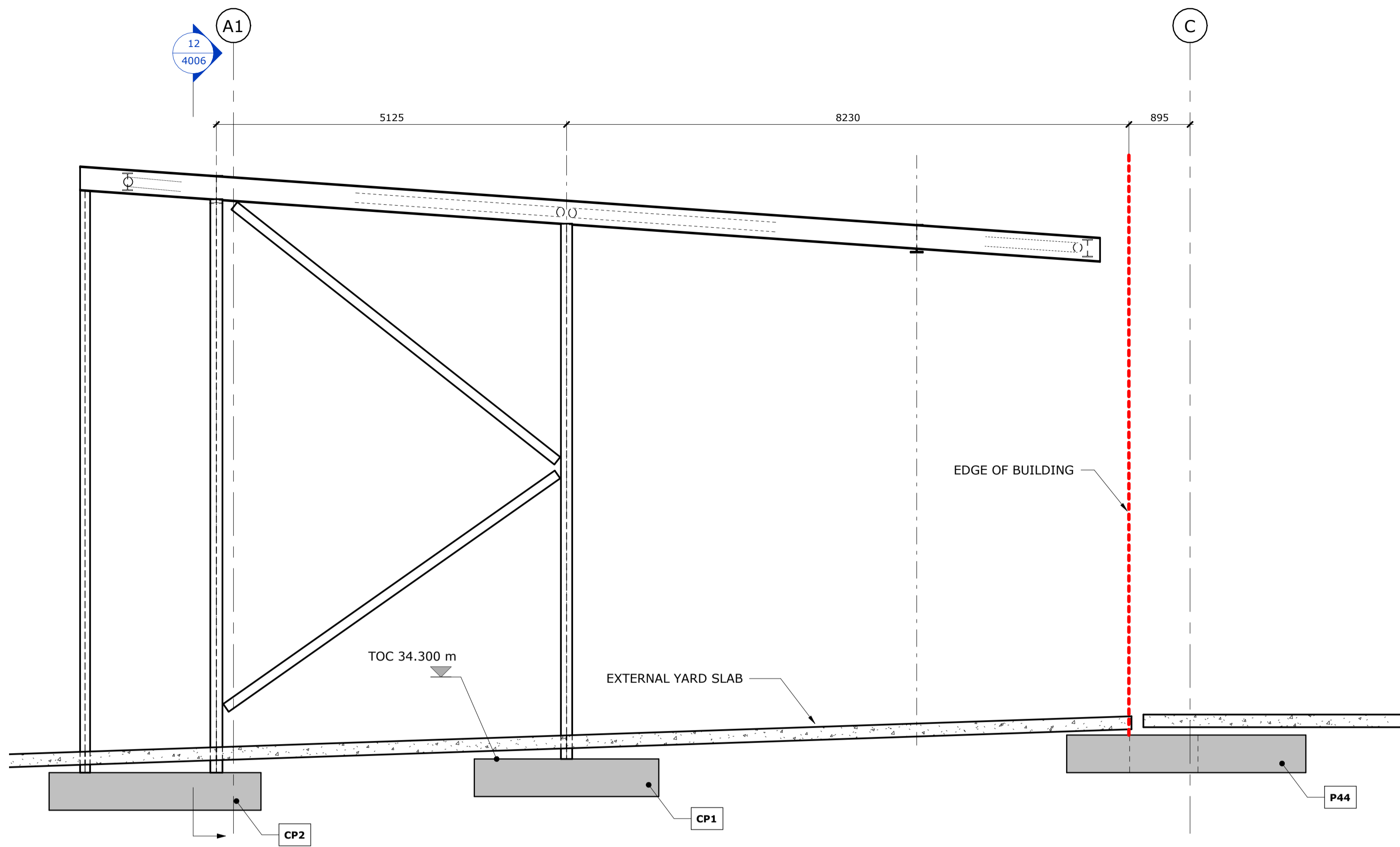
Project  
**PLOT 4000 GATEWAY14**  
STOWMARKET

Drawing Title  
**TYPICAL SECTIONS CANOPY 2 SHEET 2 OF 2**



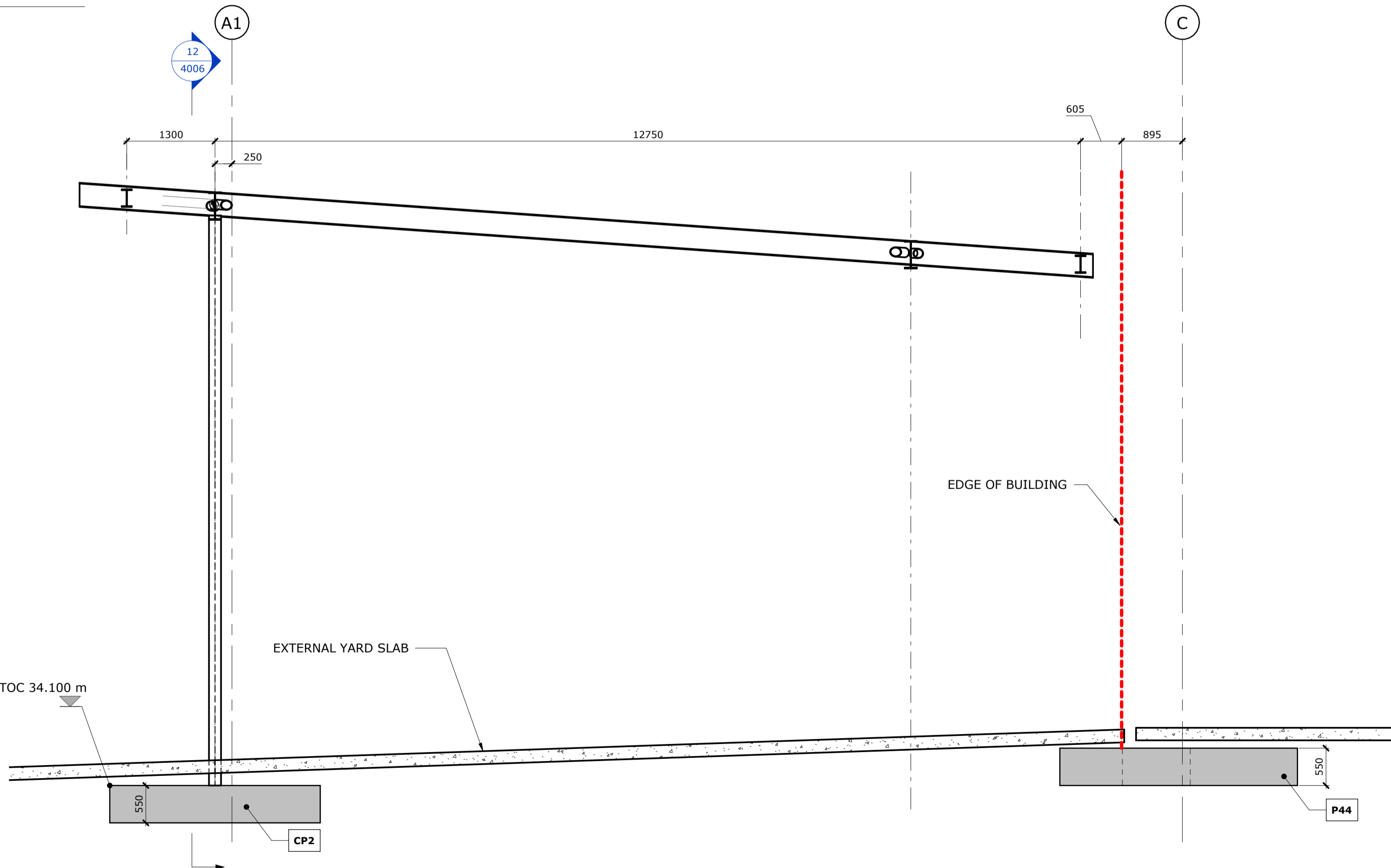
**Richard Jackson Engineering Consultants**  
 847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
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 Email Address: mail@rj.co.uk Web Site: http://www.richardjackson.co.uk

Scale	1 : 50	Drawn	MP	Date	OCTOBER 2023
Project Manager	A. SHIH	Checked	BGA	Approved	
Status	CR	Suitability Description	CONSTRUCTION RECORD	RJL Project No	61445EEE
project	P23027	originator	RJL	zone	XX
		level	XX	type	DR
		role	S	number	4004
		revision			C01



Section 10

1 : 50



Section 11

1 : 50

Pad Foundation Schedule					
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom

ALL SETTING OUT INFORMATION TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION

CONCRETE GRADE TO ALL PAD FOUNDATIONS TO BE RC32/40. DESIGN CHEMICAL CLASS DS-2 AC-2. GEN1 DESIGNATE FOR MASS CONCRETE.

ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF 150kN/m<sup>2</sup>

FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO ENGINEERED FILL

ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE

COLUMN DETAILS BY CANOPY FABRICATOR

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Rev	Date	Description	Drawn	Chkd
CO2	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
CO1	26.03.24	CONSTRUCTION ISSUE	MP	OT
PO1	17.11.23	ISSUED FOR INFORMATION	MP	RM

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Project  
**PLOT 4000 GATEWAY14**  
STOWMARKET

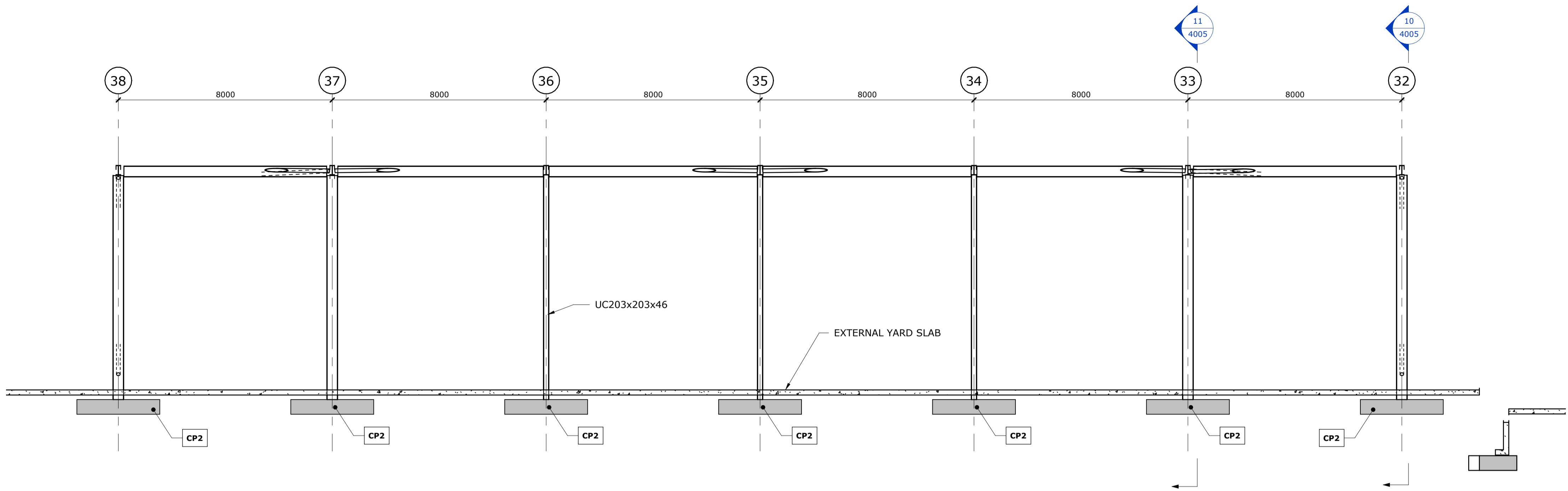
Drawing Title  
**TYPICAL SECTIONS CANOPY 3 SHEET 1 OF 2**

Client  
**The RANGE**  
Home, Leisure & Garden  
**JAYNIC**

**Richard Jackson Engineering Consultants**  
847 The Crescent, Colchester, Essex, CO4 9YQ Tel: 01206 228800  
6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910  
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Email Address: mail@rj.uk.com Web Site: http://www.richardjackson.uk.com

Scale 1 : 50	Drawn MP	Date OCTOBER 2023
Project Manager A. SHIH	Checked BGA	Approved
Status CR	Suitability Description CONSTRUCTION RECORD	RJL Project No 61445EEE
project P23027	originator RJL	zone XX
level XX	type DR	role S
number 4005	revision C02	





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ALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF **150kN/m<sup>2</sup>**

FOUNDATIONS TO BEAR A MINIMUM OF 150mm INTO ENGINEERED FILL

ALL PAD FOUNDATIONS AND COLUMNS TO BE CENTRALLY LOCATED ON VERTICAL GRID LINES UNLESS NOTED OTHERWISE

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  - Abbreviations:
 

CRS	Centres	TOC	Top of concrete
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FGL	Finished Ground Level	SOP	Setting out point

Section 12

1 : 100

Rev	Date	Description	Drawn	Chkd
CO2	27.03.24	FOUNDATIONS REVISED AS CLOUDED	MP	OT
CO1	26.03.24	CONSTRUCTION ISSUE	MP	OT
PO1	17.11.23	ISSUED FOR INFORMATION	MP	RM

**REVISIONS**

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project

**PLOT 4000 GATEWAY14**

STOWMARKET

Drawing Title

**TYPICAL SECTIONS CANOPY 3 SHEET 2 OF 2**



**Richard Jackson Engineering Consultants**

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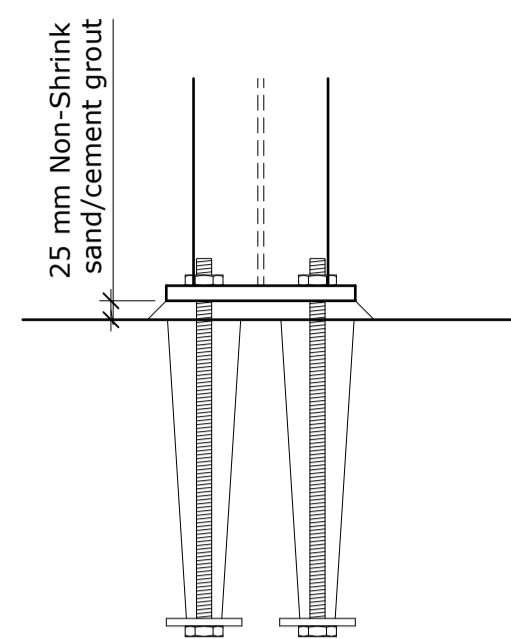
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Scale	As indicated	Drawn	MP	Date	OCTOBER 2023
Project Manager	A. SHIH	Checked	BGA	Approved	
Status	CR	Suitability Description	CONSTRUCTION RECORD	RJL Project No	61445EEE
project	P23027	originator	RJL	zone	XX
level	XX	type	DR	role	S
number	4006	revision	C02		

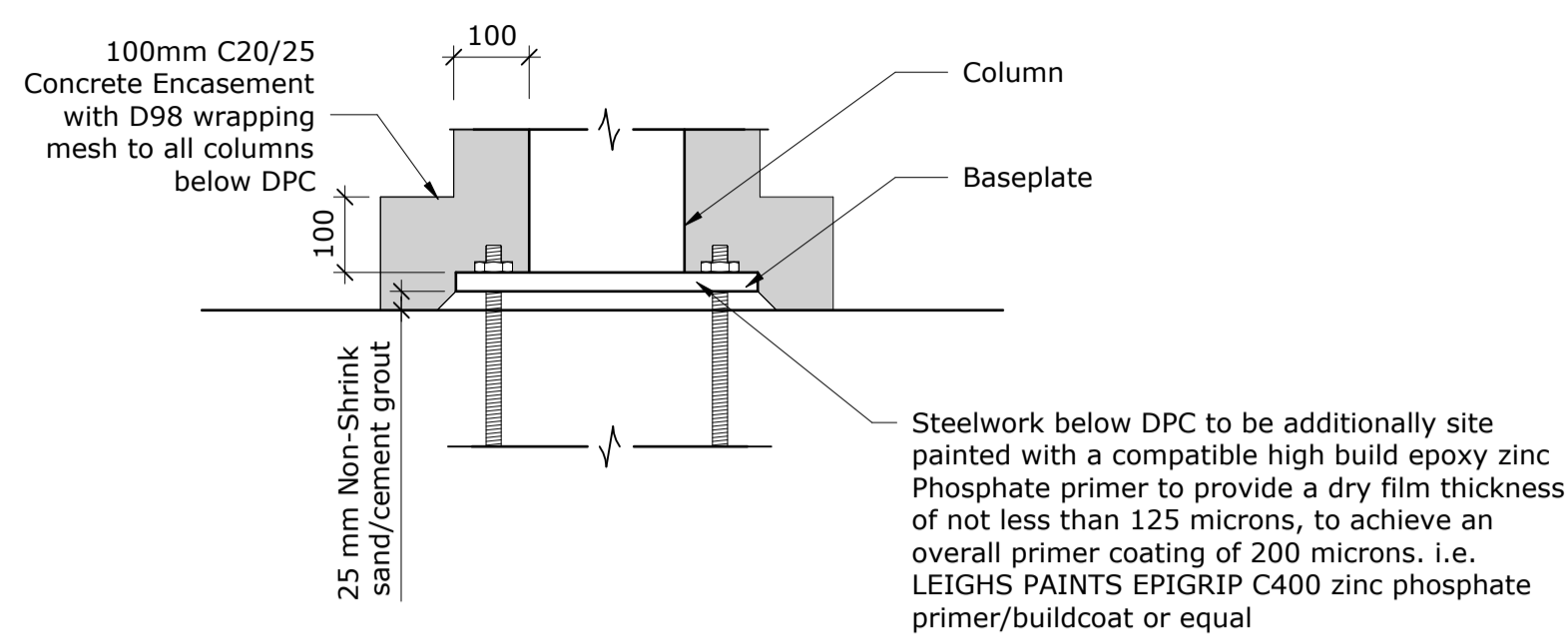
Pad Foundation Schedule						
Ref.	Length	Width	Structural Base Thickness	No. Off	Reinforcement	
CP1	2700	2700	550	5	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom	
CP2	3100	3100	550	13	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom	
CP3	4500	1200	550	1	2 No. B1131 Mesh Top, 2 No. B1131 Mesh Bottom	



NOTE:  
Bolts to be 'wriggled' before concrete sets

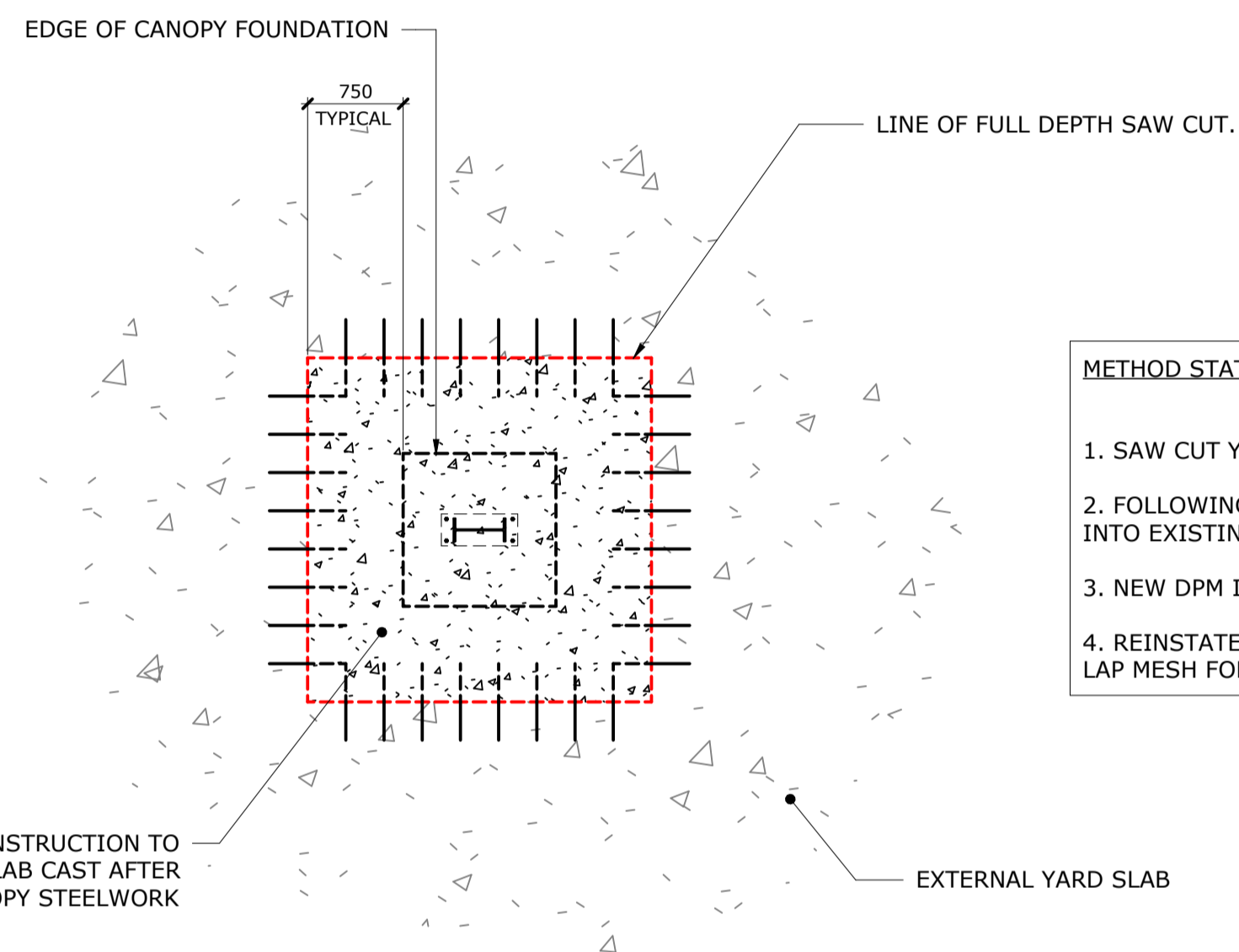
Typical holding-down bolts section  
(refer to Caution details)

Scale: 1 : 10



Column Encasement

Scale: 1 : 10

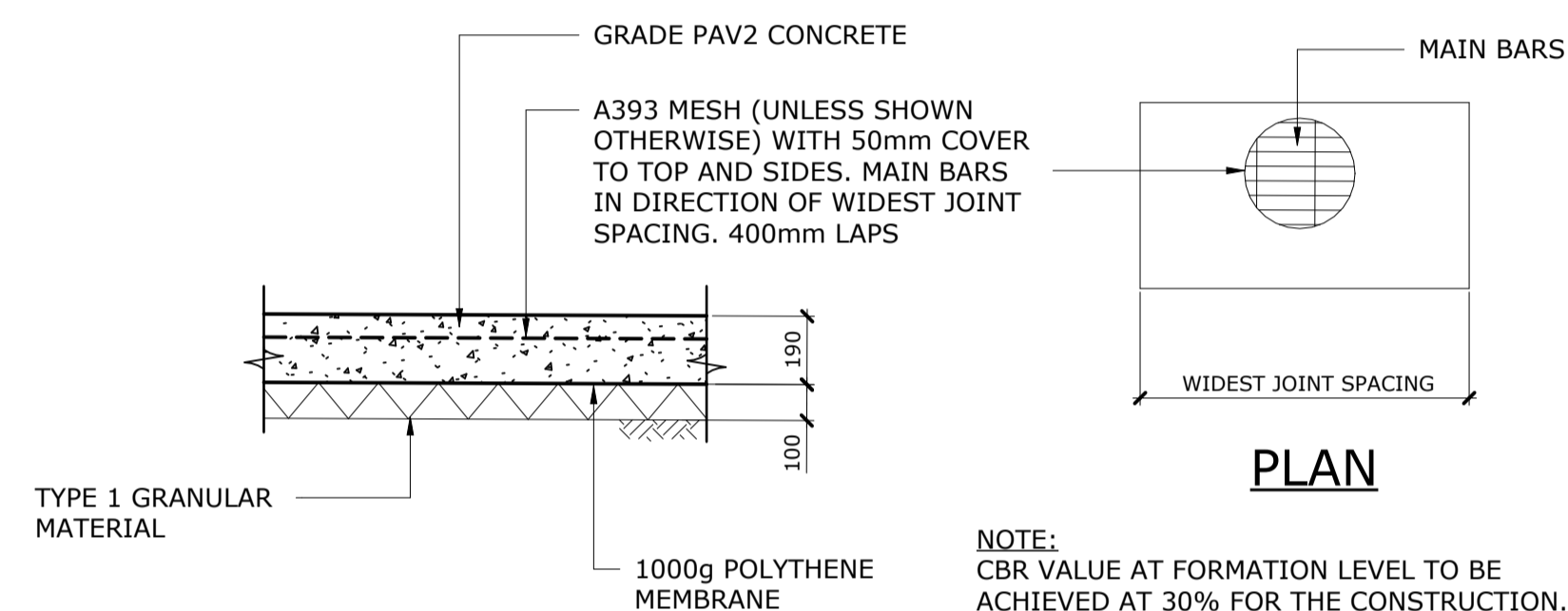


Typical Slab breakout detail for column fixing

1 : 50

METHOD STATEMENT

1. SAW CUT YARD SLAB FULL DEPTH, MIN. 750mm FROM THE EDGE OF THE FOOTING
2. FOLLOWING THE INSTALLATION OF THE CANOPY STEELS, DRILL IN 600mm LONG H12 BARS@300c/c WITH 300mm EMBEDMENT INTO EXISTING SLAB USING HILTI RESIN HY-HIT200 OR SIMILAR APPROVED.
3. NEW DPM IN HOLE NEEDS TO BE SEALED (TAPED) TO THE EXISTING DPM
4. REINSTATE CUT PORTION OF SLAB WITH SAME GRADE OF CONCRETE AND MESH. MESH FOR REINSTATED PORTION OF SLAB TO LAP MESH FOR EXISTING YARD SLAB. ENSURE SURFACE OF REINSTATED SLAB TO BE FLUSH WITH EXISTING.



TYPICAL CONCRETE PAVEMENT DETAIL

NOT TO SCALE

GENERAL NOTES

1. The drawings, design and all information contained therein are the sole copyright of Richard Jackson Ltd and reproduction in any form is forbidden unless permission is obtained in writing.
2. All drawings shall be read in conjunction with all relevant Civil / Structural Engineers drawings, the project specification and Architects, Services Engineers & Landscape Architects drawings.
3. For all setting out information, D.P.M., D.P.C., Finishes and waterproofing details refer to the Architects drawings and details.
4. The Contractor shall verify all site and setting out dimensions before putting work in hand. Where dimensions are shown on the Engineers drawings, any discrepancies shall be reported to him.
5. Dimensions must not be scaled from the Engineers drawings.
6. All dimensions are in millimetres unless noted otherwise.
7. Dimensions marked \* are subject to confirmation by site measurement before construction proceeds.
8. All dimensions are given to structural surfaces unless noted otherwise.
9. All lightning connectors to be fixed in accordance with specialist details.
10. No holes, chases, cut-outs, existing or proposed services or the like may be formed in or pass through any beam, column, or load bearing wall unless written permission is obtained from the Engineer.
11. Holes smaller than 225 x 225mm through slabs are not necessarily shown on the Engineers drawings.
12. For size and location of all services refer to the Service Engineers and Architects drawings.
13. Inspections made by the Local Authority, NHBC or other Statutory bodies, shall be arranged by the Contractor to suit his programme. Any costs arising out of failing to carry out the work to the satisfaction of the Checking Authority will be the sole responsibility of the Contractor.
14. Non-structural fixings are generally not shown on the Engineers drawings and if any such detail is indicated it must be confirmed by cross-reference to other specialists before construction.
15. All drawing specifications are given in accordance with NBS (National Building Specification) e.g. E10/130 which refers to NBS Section E10, Clause 130.

16. Abbreviations:

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Rev	Date	Description	Drawn	Chkd
C02	27.03.24	DETAIL REVISED AS CLOUDED	MP	OT
C01	26.03.24	CONSTRUCTION ISSUE	MP	OT
P01	17.11.23	ISSUED FOR INFORMATION	MP	RM

REVISIONS

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Project

PLOT 4000  
GATEWAY14  
STOWMARKET

Drawing Title  
TYPICAL DETAILS

Client



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Project Manager	A. SHIH	Checked	RM	Approved	
Status	CONSTRUCTION RECORD	Suitability Description		RJL Project No	61445EEE
project	originator	zone	level	type	role
P23027	RJL	XX	XX	DR	S
					number
					revision
					4010
					C02