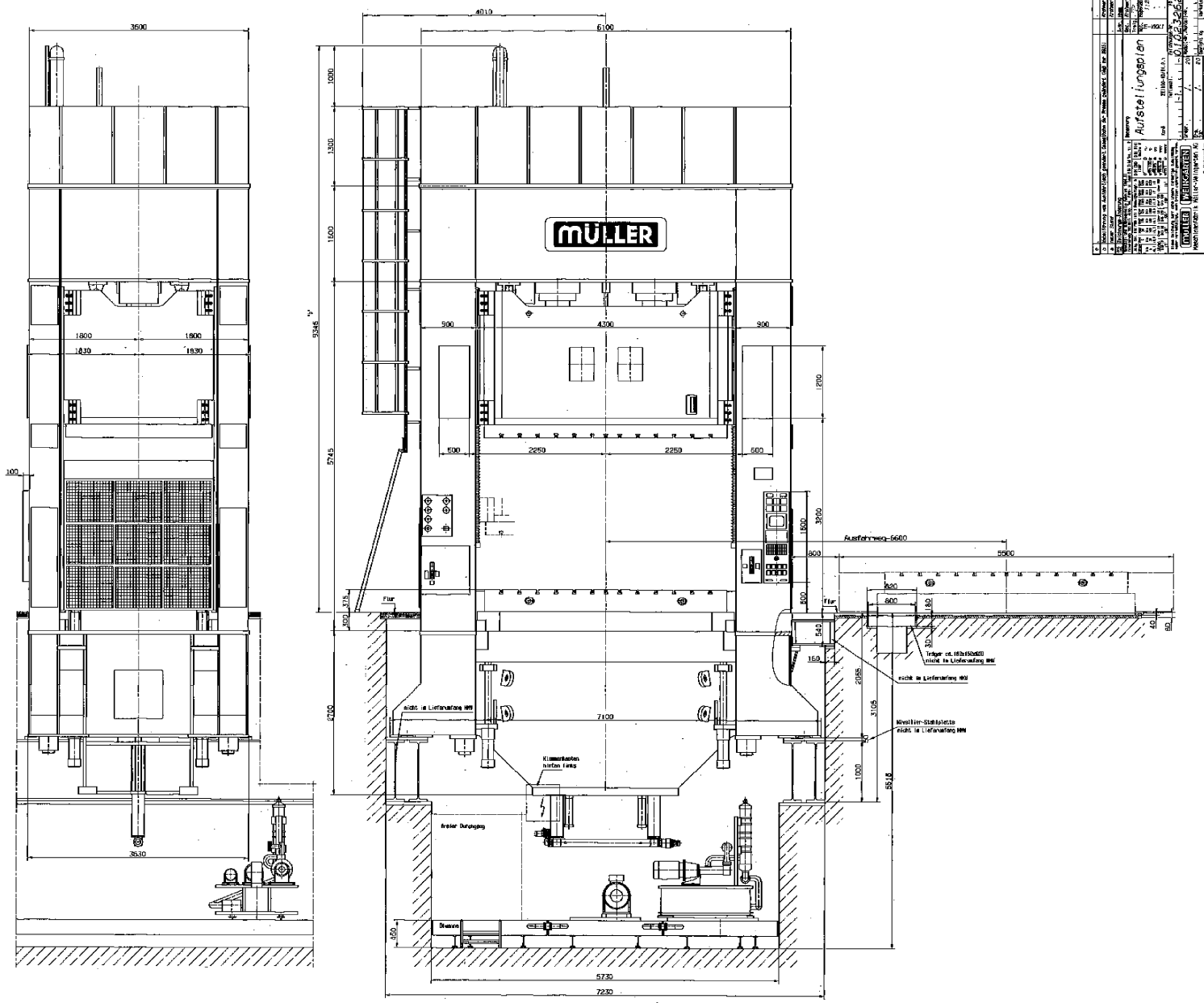
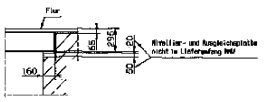
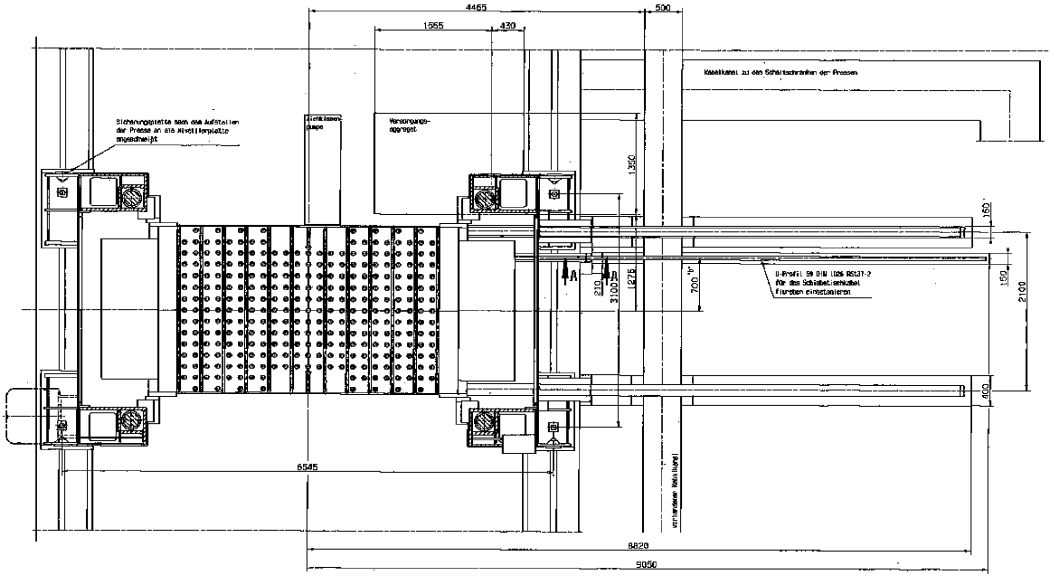


Schnitt A-A





Rammtiefe 250 cm
Betonkopf 2500 cm
Schraubtiefe 2100 cm

Verlegung der Schienen:

Zulässige Abweichung von der Horizontalen - ohne Dehnung 0,1 mm/m
Zulässige Abweichung von der Horizontalen - mit Dehnung 1 mm/m
Zulässige Abweichung der Fahrgeschwindigkeit mittels elektronischer Drehzahl von der Nennschnelle 0,2 m/s

Grossen nach den Angaben mit Vorgaben von mannlicher Druckfestigkeit vollständig abgeschlossen !

Angaben zur Fundamentberechnung

Presse/ng: ZE1000-40/24.2.1 Auftrags-Nr.: 266095

Die vorliegende Zeichnung enthält nur Anforderungen an das Fundament, welche durch die Abmessungen der Anlage bedingt sind.
Bei Fundamentaufführung, z.B. Fundamentplatte, Fundamentgestaltung, Anordnung und Stärke der Armierung, Wahl des geeigneten Betons, sind die örtlichen Baubestimmungen, z.B. der Bodenbeschaffenheit angepaßt werden.

Für die Ausführung der Fundamentblöcke können wir keine Haftung übernehmen.

Bei der Fundamentausführung ist auf gleichmäßige Bodenverdichtung zu achten.
Die Fundamentoberfläche ist, sofern erforderlich, z.B. durch eine geeignete Beschichtung auf Kiesbasis zu.

Das Fundamentbeton ist gegen aggressive und chlorhaltiges Wasser, sowie gegen auftretende eingedrungene DIN 4045 zu sichern. Die Fundamentsohle ist entsprechend den Bestimmungen der DIN auszuführen und an geeigneter Stelle mit einem Sicherungsgut zu versehen.

Wenn zu unserer Lieferumfang gehören:
Fundamentträger, Befestigungsteile, Einmörtelgitter, sowie Fundamentanordnungs- und Nivellierplatten.

Die Fundamentabmessungen sind Bestandteil des nicht zum Lieferumfang gehörenden Teiles zu übernehmen.

Fundamentbelastung:

Statischen Gesamtgewicht der Maschine

ohne Werkzeuge ca. 240000 kg + Verkehrslasten ca. 30000 kg

Die Gesamtbelastung der Aufliegefläche und des Fundaments sind gemäß dynamische Berechnungen entsprechend der nachstehenden Tabelle ermittelt.

Dynamische Belastung:

Max.-Hub des Stößels: 1850 kN

max. Zentrumskraft gegen Fertigmaß: kN

max. Abrissdruck des Stößels: kN

Nivellierung:

Zwischen Fundamentboden und Pressen-Aufstellplatten sind Nivellierplatten mit einer Dicke von ca. 50 mm vorzusehen.

Wird die Presse auf eine Trägerkonstruktion gestellt, dann sind die Nivellierplatten zwischen Träger und Fundamentboden vorzusehen.

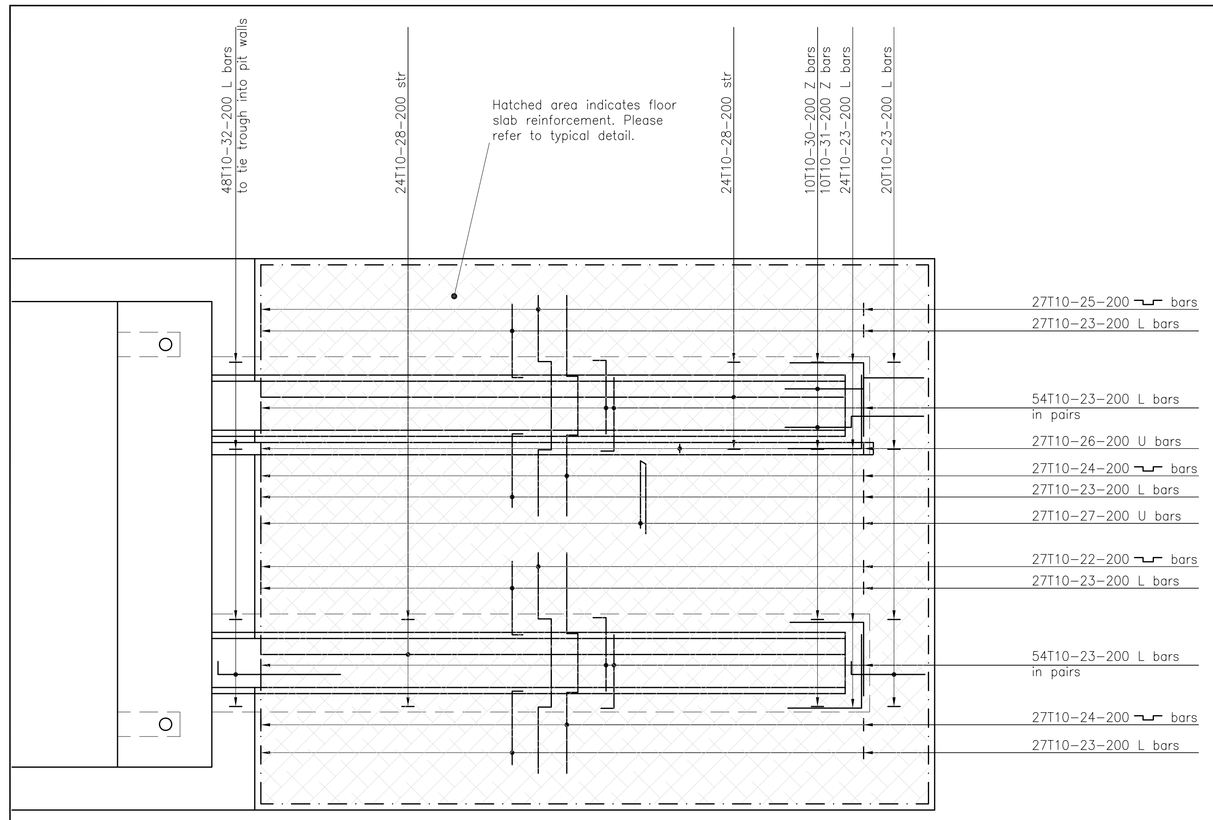
Die Platten sind auf eine Toleranz von max. 0,1 mm zueinander auszurichten.
Die Lücke zur Fundamente in Bereich der Aufliegeflächen ist durch entsprechende Ausführung einzuhalten werden.
Bereiten trockene Setzungen auftreten, die eine Verstellung der Aufliegefläche ergeben, muß eine Nachstellung erfolgen.

Tischhöhe:

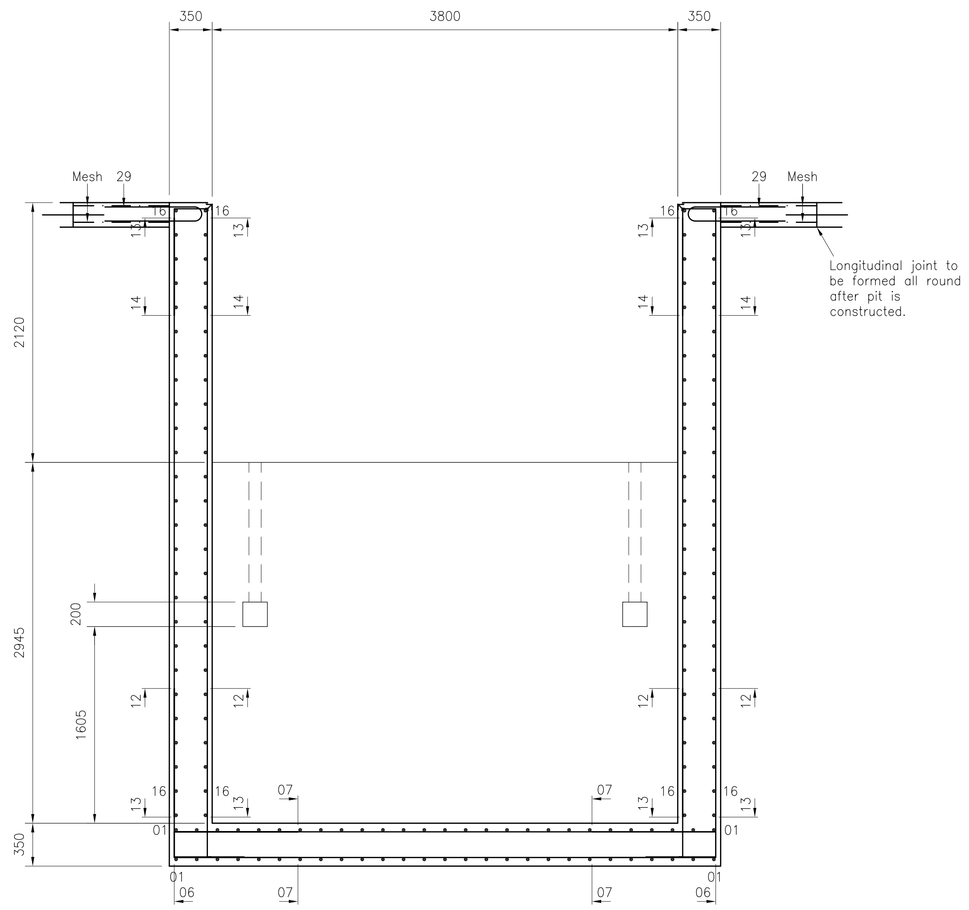
Das Fundament ist für eine Tischhöhe

von 375 mm über Flur ausgelegt.

Die Nivellierplatten sind auf diesen zum Ausgleiches.



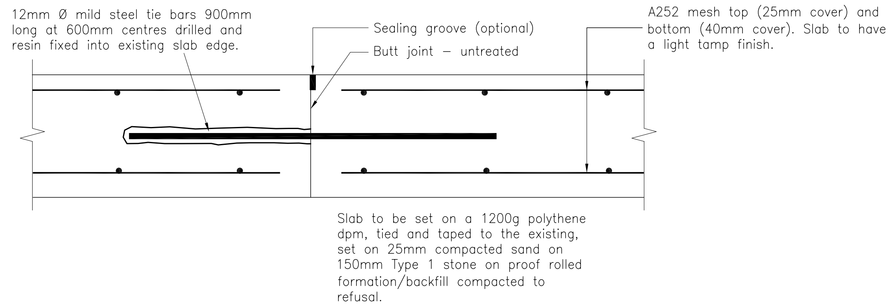
1:25 Plan on Slab Reinforcement



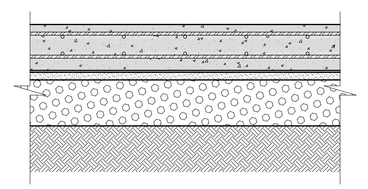
1:25 Section 2–2

CONCRETE NOTES:

1. This drawing to be read in conjunction with all relevant Architects and specialists detail drawings.
2. Cover to main bars to be 40mm unless noted otherwise.
3. Reinforcement is noted on schedules:– 15/766/31–01.
4. Reinforcement to be in accordance with B.S. 4449 and B.S. 4483.
5. 50mm concrete blinding to be provided below all bases.
6. Foundations have been designed assuming a safe ground bearing pressure of 300kN/m². If this is not attainable the Engineer must be notified immediately.
7. Any voids between the underside of the base and the formation shall be filled with mass concrete 25N/mm² at 28 days.
8. Concrete to be 35N/mm² at 28 days all in accordance with Class AC–1s conditions of the BRE Digest.

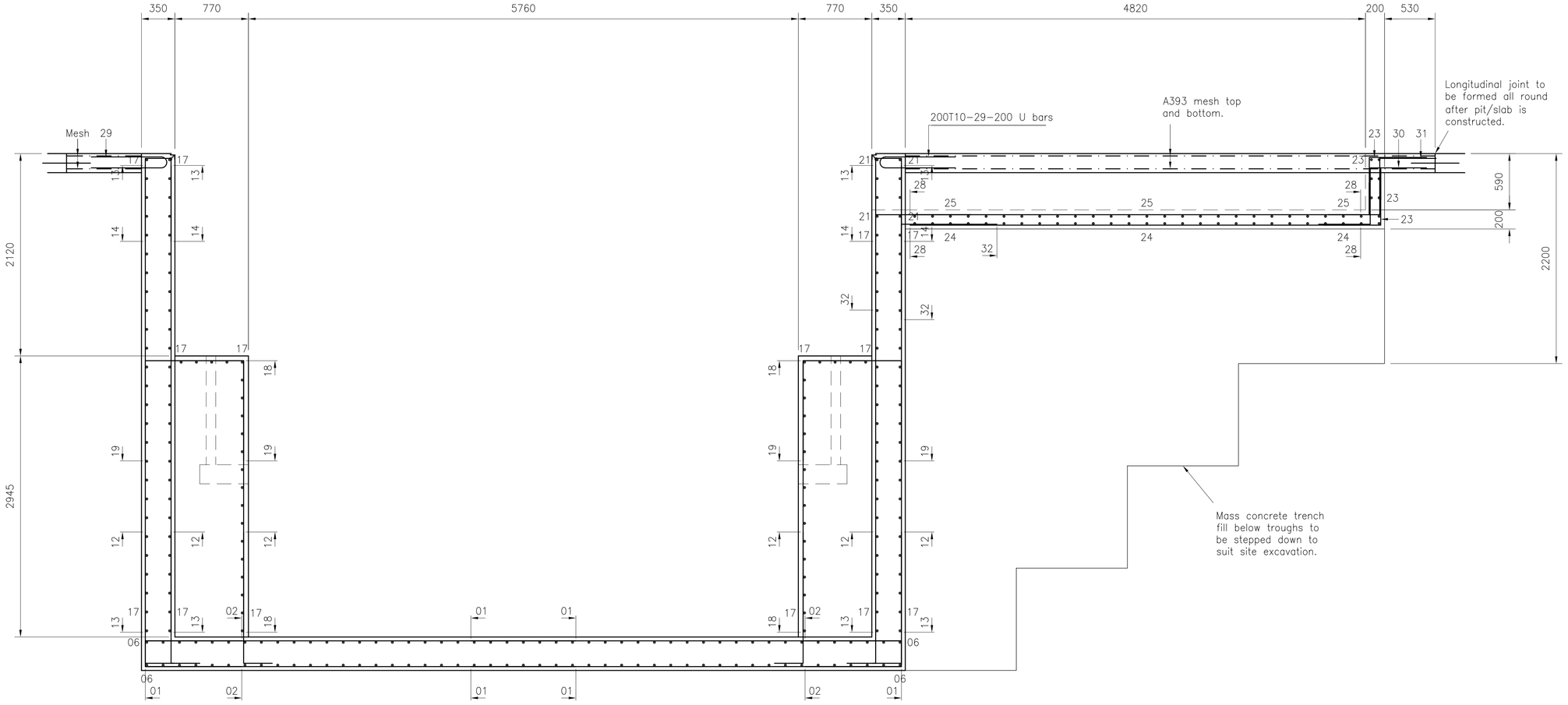


1:5 Longitudinal Joint Detail

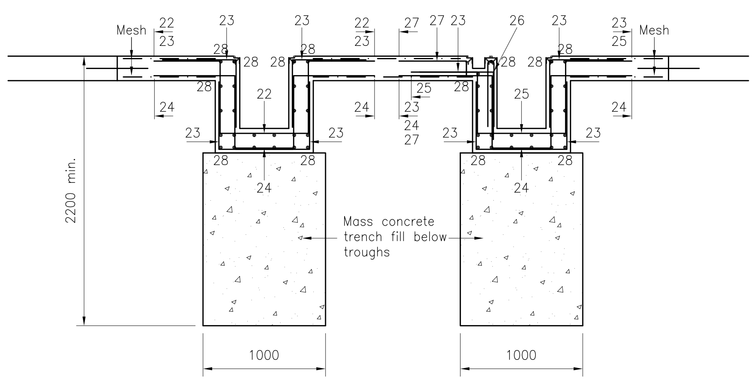


Floor slab thickness to be 200mm thick. The floor slab is to be constructed with 1No layer A393 mesh bottom face 40mm cover and 1No layer A393 mesh top face 25mm cover, set on a 1200g polythene dpm, on 25mm sand blinding all well compacted on 150mm well compacted 38mm down well graded granular stone fill on proof rolled formation. Any soft pockets exposed during the proof rolling shall be over excavated a minimum 300mm and filled with 38mm down well graded granular stone fill all well compacted.

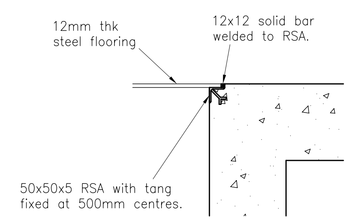
Typical Section through Floor Slab



1:25 Section 1–1



1:25 Section 3–3



1:10 Typical Floor Seating Detail

Existing floor slab to be saw cut clean through around the proposed excavation, all to allow for working room.

Tanking to the pit to be to Architects details. Shuttering to be to Contractor design and details.

xxxx	x	xxxxxxxx
DATE	REV	DESCRIPTION

REVISIONS

STRUCTURAL
DESIGN SERVICES LIMITED
CONSULTING CIVIL & STRUCTURAL ENGINEERS
1, Sheraton Grange, Norton, Stourbridge, West Midlands. DY8 2BE.
Tel : 01384 572026
Fax : 01384 575639
E-Mail : info.sds@incdesign.net

Project: SUPERFORM
COSGROVE CLOSE
WORCESTER

Title: Machine Pit Sections & Slab RC Details

Scale: 1:25,10,5 | Date: 26.02.16

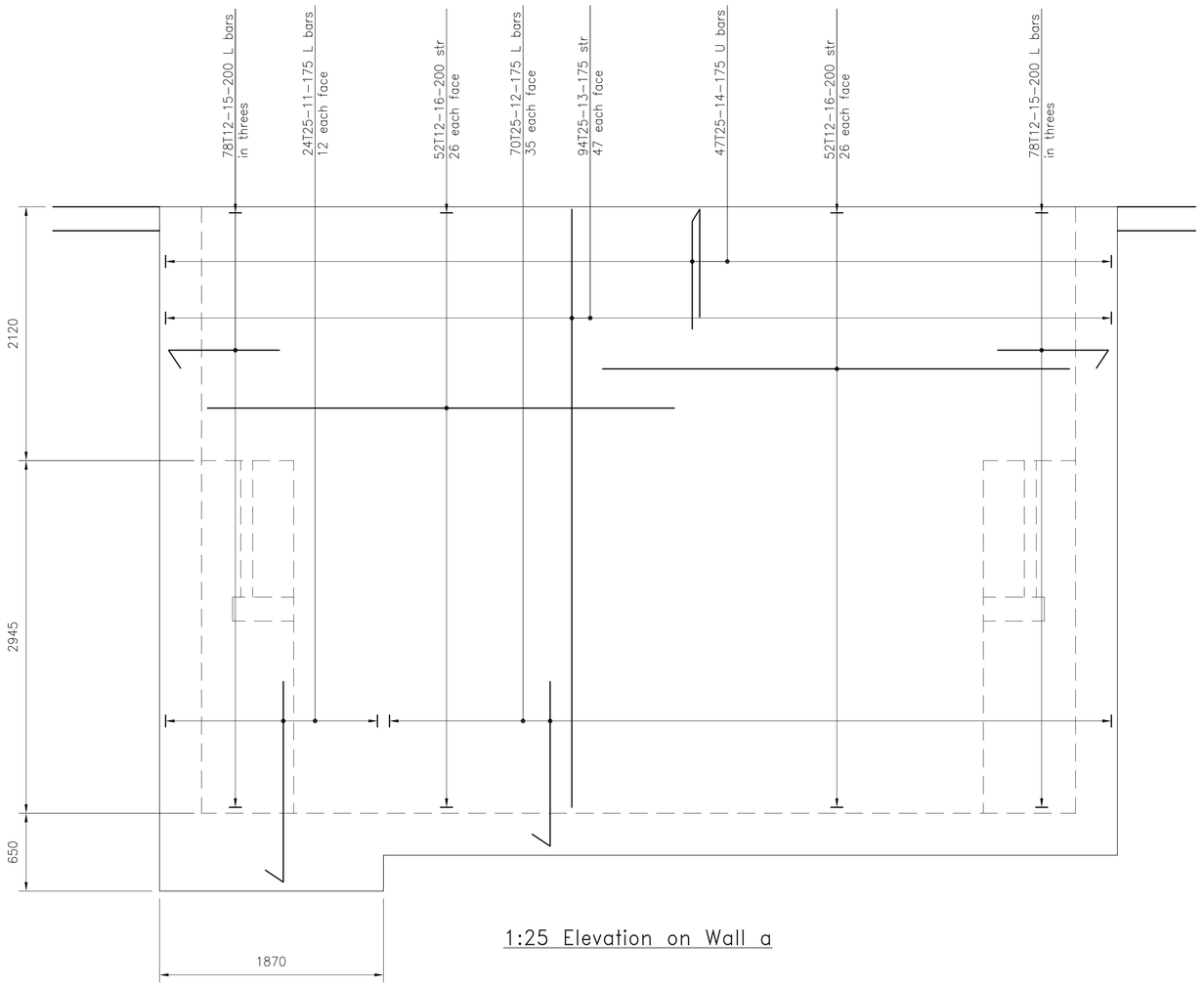
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Drawing No. 15/766/31

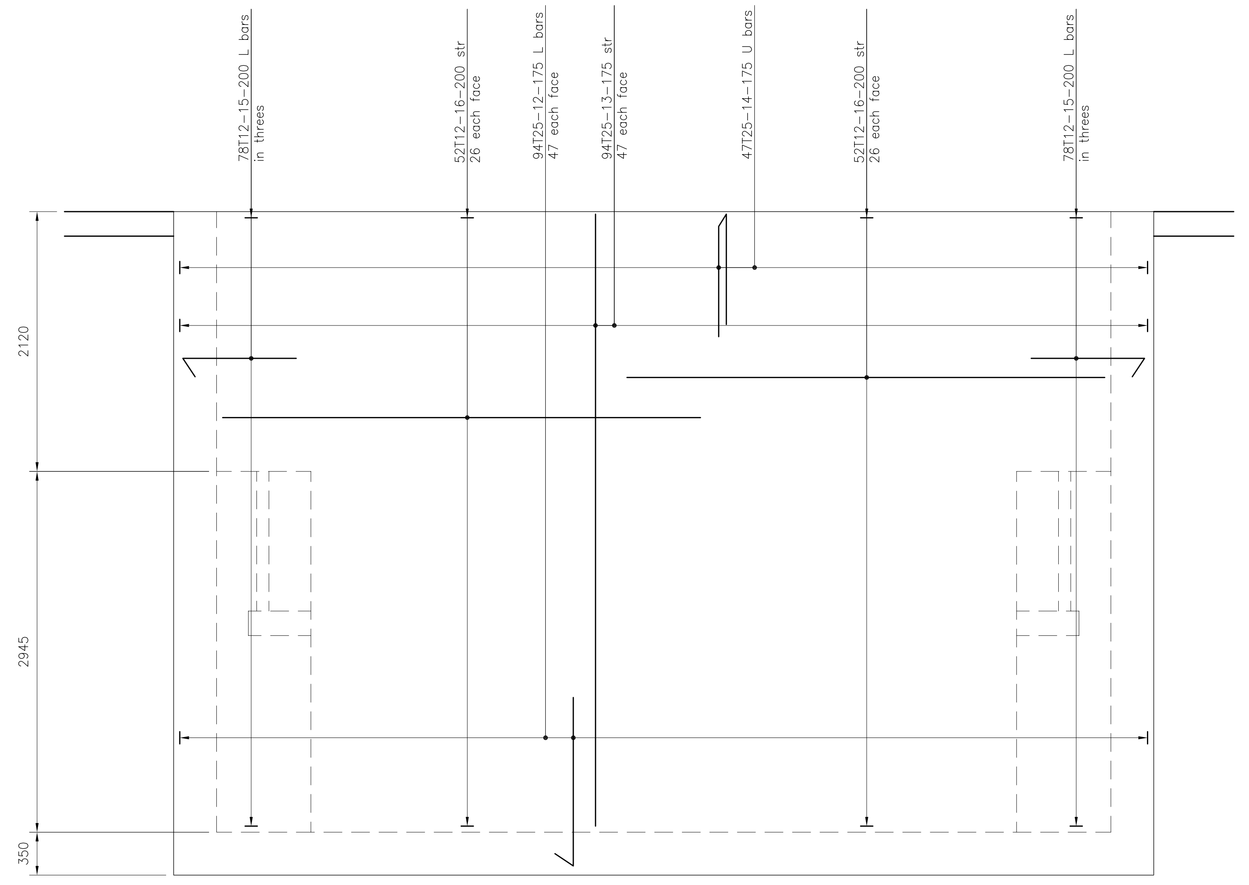
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CONCRETE NOTES:

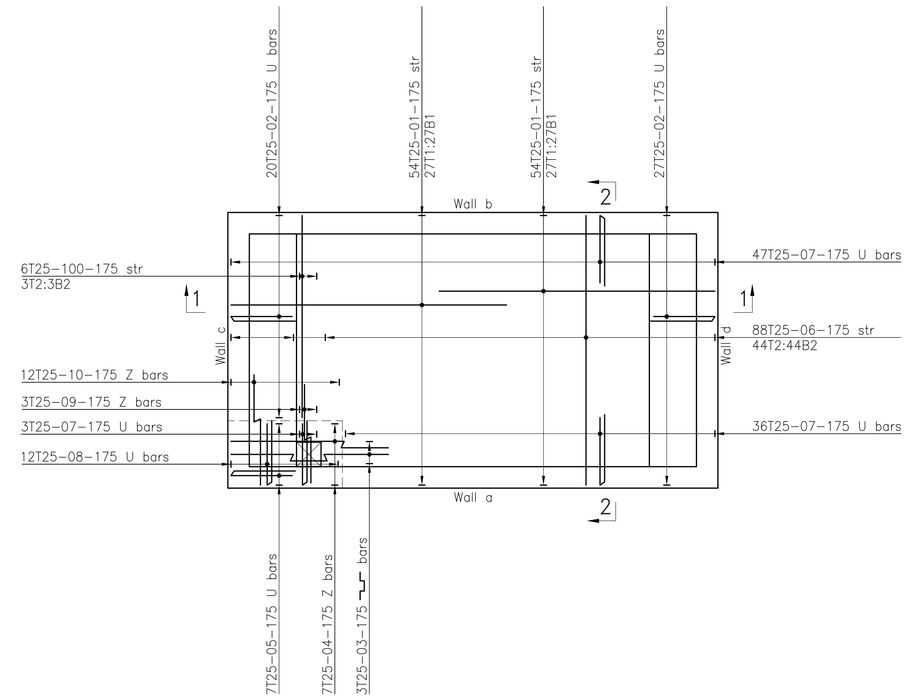
1. This drawing to be read in conjunction with all relevant Architects and specialists detail drawings.
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4. Reinforcement to be in accordance with B.S. 4449 and B.S. 4483.
5. 50mm concrete blinding to be provided below all bases.
6. Foundations have been designed assuming a safe ground bearing pressure of 300kN/m². If this is not attainable the Engineer must be notified immediately.
7. Any voids between the underside of the base and the formation shall be filled with mass concrete 25N/mm² at 28 days.
8. Concrete to be 35N/mm² at 28 days all in accordance with Class AC–1s conditions of the BRE Digest.



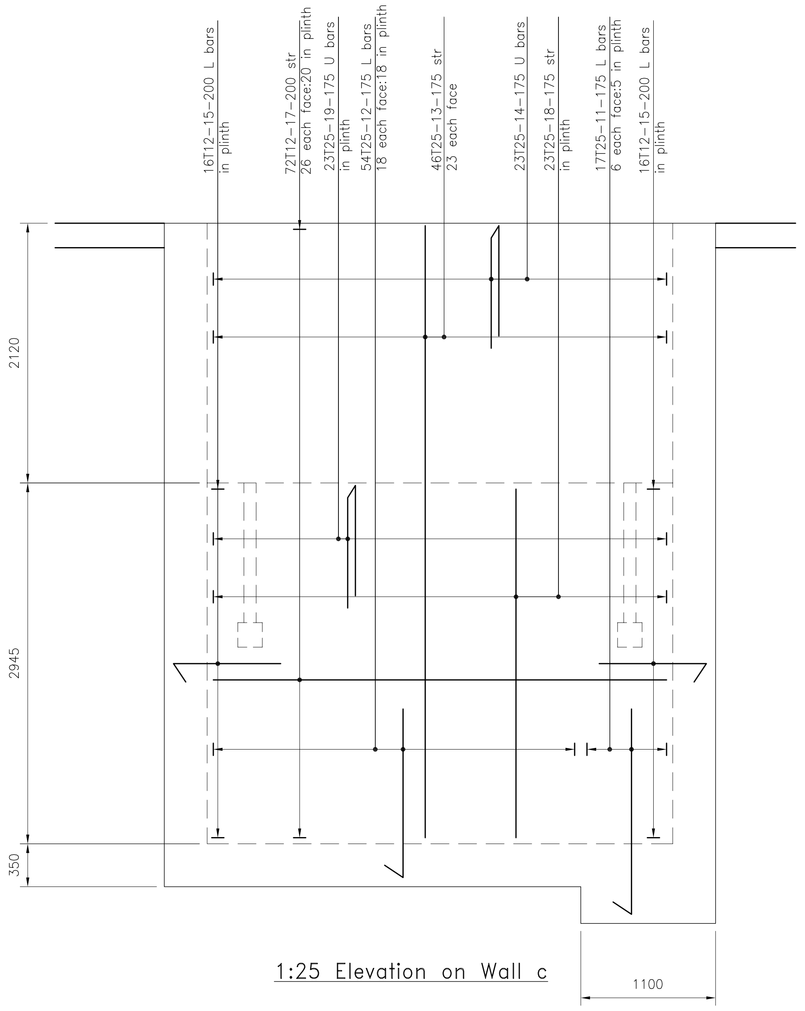
1:25 Elevation on Wall a



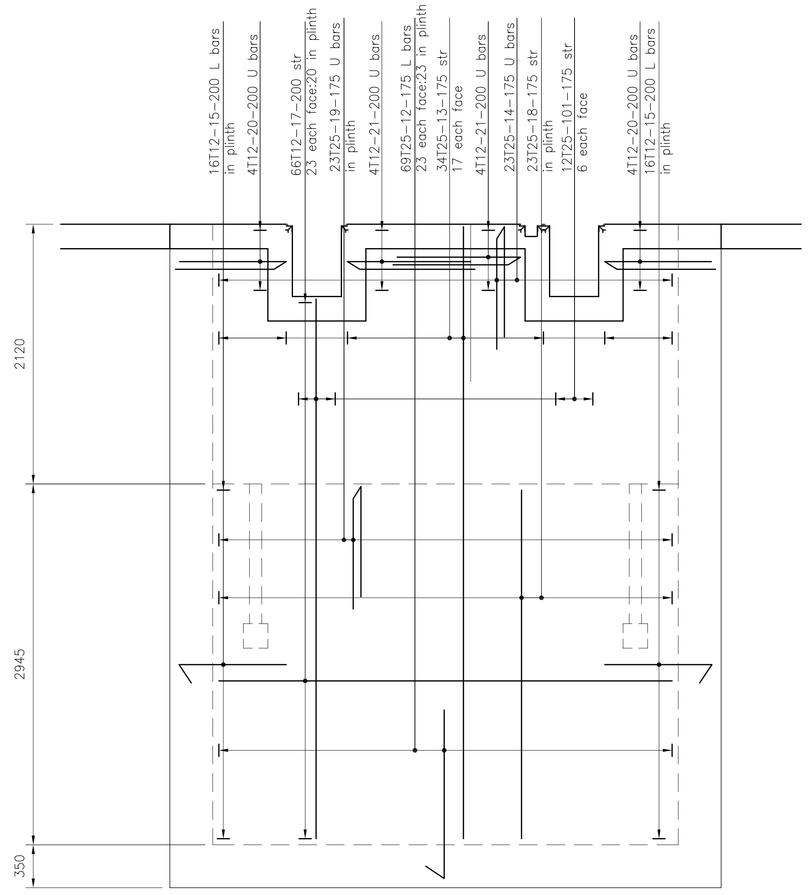
1:25 Elevation on Wall b



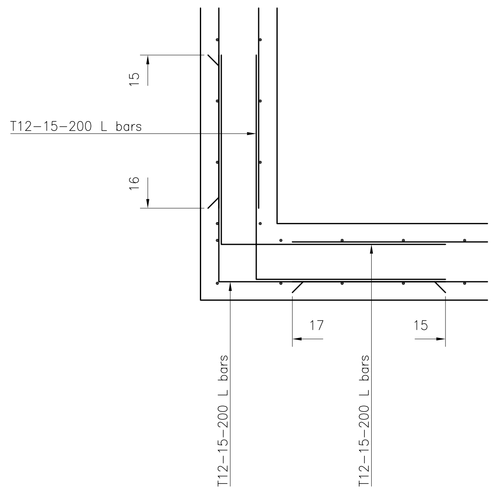
1:50 Base Reinforcement



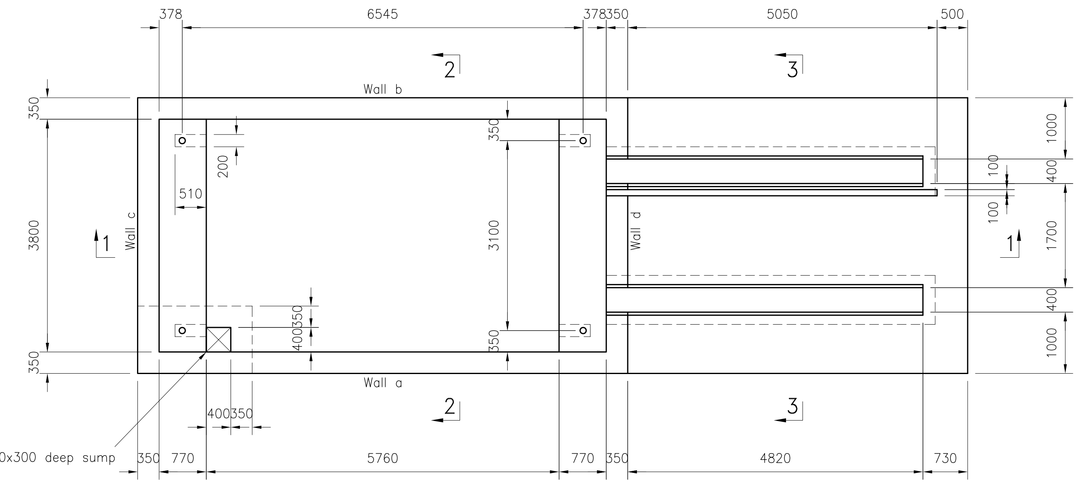
1:25 Elevation on Wall c



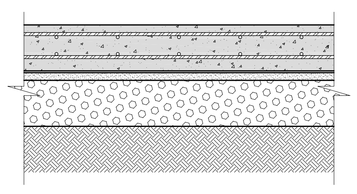
1:25 Elevation on Wall d



1:10 Typical Wall Corner Detail

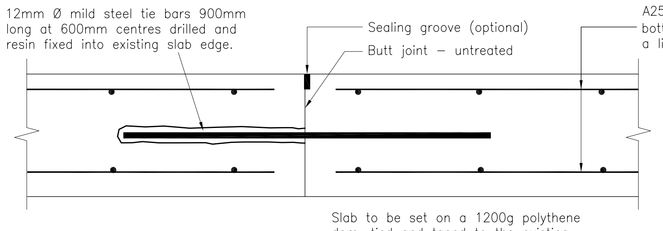


1:50 Plan on Pit/Slab

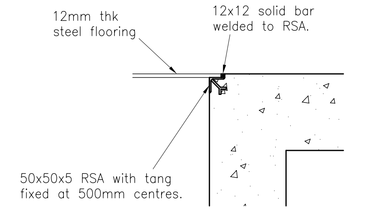


Typical Section through Floor Slab

Floor slab thickness to be 200mm thick. The floor slab is to be constructed with 1No layer A393 mesh bottom face 40mm cover and 1No layer A393 mesh top face 25mm cover, set on a 1200g polythene dpm, on 25mm sand blinding all well compacted on 150mm well compacted 38mm down well graded granular stone fill on proof rolled formation. Any soft pockets exposed during the proof rolling shall be over excavated a minimum 300mm and filled with 38mm down well graded granular stone fill all well compacted.



1:5 Longitudinal Joint Detail



1:10 Typical Floor Seating Detail

Bore tube and hole positions to be confirmed by specialist.

Existing floor slab to be saw cut clean through around the proposed excavation, all to allow for working room.

Tanking to the pit to be to Architects details. Shuttering to be to Contractor design and details.

xxxx	x	xxxxxxxx
DATE	REV	DESCRIPTION

REVISIONS

STRUCTURAL DESIGN SERVICES LIMITED
CONSULTING CIVIL & STRUCTURAL ENGINEERS
1, Sheraton Grange, Norton, Stourbridge, West Midlands. DY8 2BE.
Tel : 01384 572026
Fax : 01384 575639
E-Mail : info.sds@incdesign.net

Project: SUPERFORM COSGROVE CLOSE WORCESTER

Title: Machine Pit Layout & Details

Scale: 1:50,25,10,5 | Date: 26.02.16

Drawn: cdh | Media: A0

Drawing No. 15/766/30

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CONSULTING CIVIL & STRUCTURAL ENGINEERS

1, Sheraton Grange, Norton, Stourbridge,
West Midlands. DY8 2BE.
Tel : 01384 571330
Fax : 01384 575639
E-Mail : info.sds@incdesign.net

PROJECT	Superform Cosgrove Close Worcester
DRG REF	15/766/30
ELEMENT	Muller Press Pit

REF 15/766

DATE 02.16

SHEET 01

MEMBER	BAR MARK	TYPE SIZE	No. MBRS	No. OFF	TOTAL No.	LENGTH mm	SHAPE CODE	A mm	B mm	C mm	D mm	E/R mm	REVISONS
Base	01	T25	1	108	108	4500	00						
	02	T25	1	47	47	2150	21	1000	270				
	03	T25	1	3	3	2900	44	1020	300	500	300		
	04	T25	1	7	7	3275	26	1800	425		300		
	05	T25	1	7	7	2450	21	1000	570				
	06	T25	1	88	88	4400	00						
	07	T25	1	86	86	2100	21	1000	220				
	08	T25	1	12	12	2400	21	1000	520				
	09	T25	1	3	3	1950	23	740	300				
	10	T25	1	12	12	2450	26	1025	425		300		
	100	T25	1	6	6	3600	00						
Wall A	11	T25	1	24	24	1900	11	300					
	12	T25	1	70	70	1600	11	300					
	13	T25	1	94	94	4975	00						
	14	T25	1	47	47	2250	21	1050	270				
	15	T12	1	156	156	1725	11	875					
	16	T12	1	104	104	3900	00						

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PROJECT: Superform, Cosgrove Close, Worcester

REF 15/766

DATE 02.16

DRG REF 15/766/30

SHEET 02

ELEMENT: Muller Press Pit

MEMBER	BAR MARK	TYPE SIZE	No. MBRS	No. OFF	TOTAL No.	LENGTH mm	SHAPE CODE	A mm	B mm	C mm	D mm	E/R mm	REVISONS
Wall B	12	T25	1	94	94	1600	11	300					
	13	T25	1	94	94	4975	00						
	14	T25	1	47	47	2250	21	1050	270				
	15	T12	1	156	156	1725	11	875					
	16	T12	1	104	104	3900	00						
Wall C	11	T25	1	17	17	1900	11	300					
	12	T25	1	54	54	1600	11	300					
	13	T25	1	46	46	4975	00						
	14	T25	1	23	23	2250	21	1050	270				
	15	T12	1	32	32	1725	11	875					
	17	T12	1	72	72	3700	00						
	18	T25	1	23	23	2825	00						
	19	T25	1	23	23	3000	21	1050	1030				

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PROJECT	Superform Cosgrove Close Worcester
DRG REF	15/766/30
ELEMENT	Muller Press Pit

REF 15/766

DATE 02.16

SHEET 03

MEMBER	BAR MARK	TYPE SIZE	No. MBRS	No. OFF	TOTAL No.	LENGTH mm	SHAPE CODE	A mm	B mm	C mm	D mm	E/R mm	REVISONS
Wall D	12	T25	1	69	69	1600	11	300					
	13	T25	1	34	34	4975	00						
	14	T25	1	23	23	2250	21	1050	270				
	15	T12	1	32	32	1725	11	875					
	17	T12	1	60	60	3700	00						
	18	T25	1	23	23	2825	00						
	19	T25	1	23	23	3000	21	1050	1030				
	20	T12	1	8	8	1875	21	850	220				
	21	T12	1	8	8	2175	21	1000	220				
	101	T25	1	12	12	4350	00						

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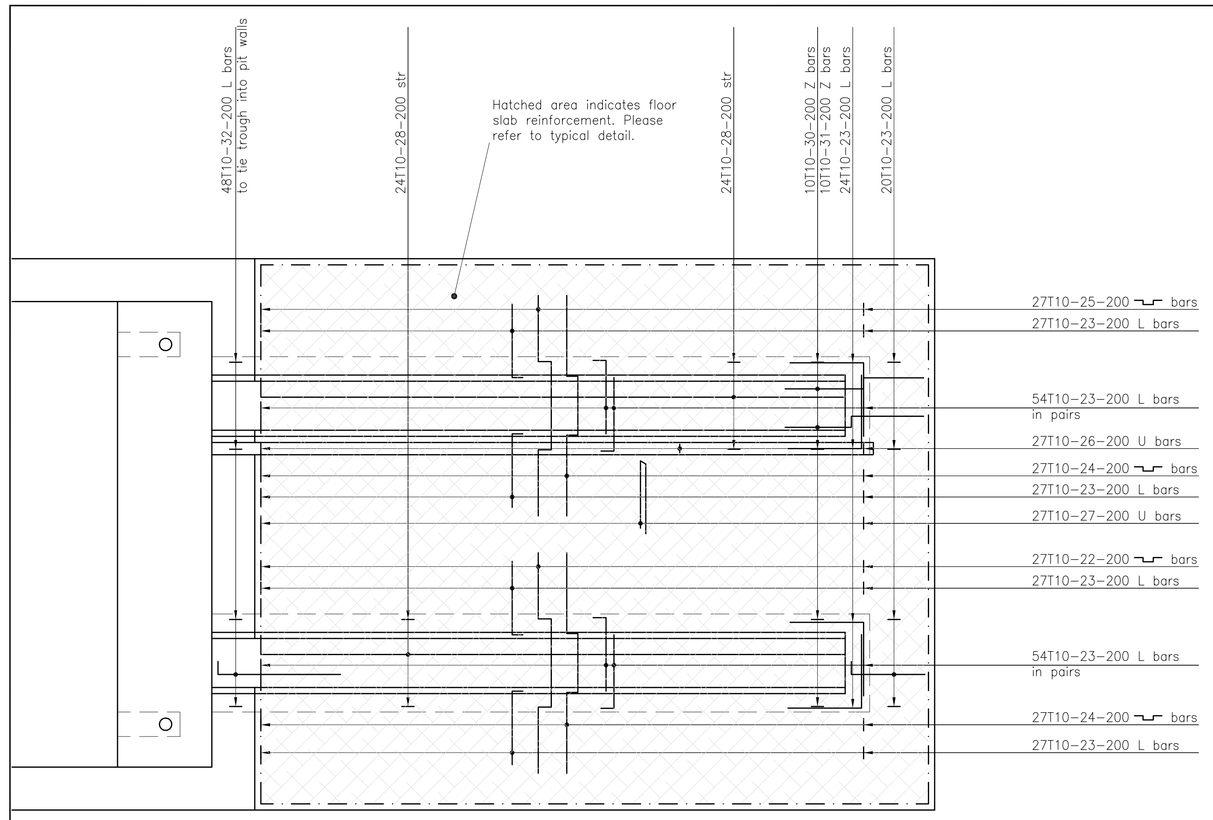
PROJECT	Superform Cosgrove Close Worcester
DRG REF	15/766/31
ELEMENT	Muller Press Pit

REF 15/766

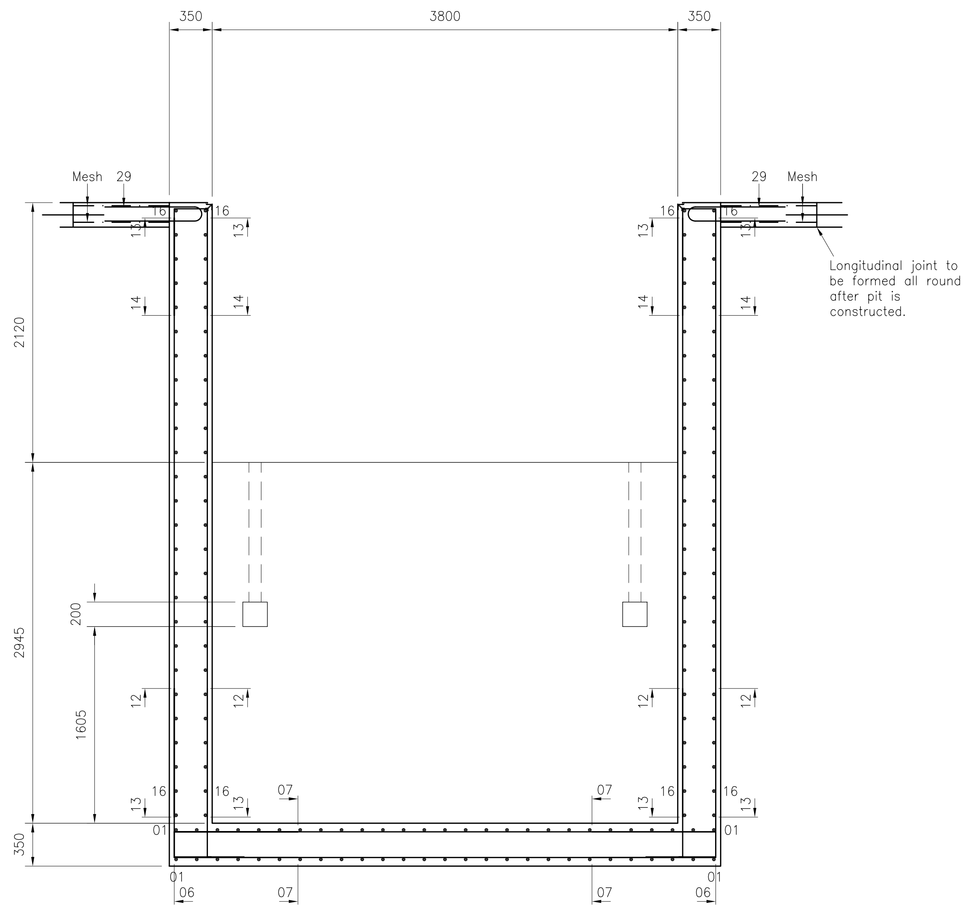
DATE 02.16

SHEET 01

MEMBER	BAR MARK	TYPE SIZE	No. MBRS	No. OFF	TOTAL No.	LENGTH mm	SHAPE CODE	A mm	B mm	C mm	D mm	E/R mm	REVISONS
Slab	22	T10	1	27	27	2900	44	540	590	720	590		
	23	T10	1	260	260	1175	11	600					
	24	T10	1	54	54	2900	44	660	590	480	590		
	25	T10	1	27	27	2800	44	540	500	720	590		
	26	T10	1	27	27	1025	13	500	50				
	27	T10	1	27	27	1175	21	550	120				
	28	T10	1	48	48	4775	00						
	29	T10	1	200	200	1550	13	750	120				
	30	T10	1	10	10	1650	23	540	590				
	31	T10	1	10	10	1650	23	540	590				
	32	T10	1	48	48	2000	11	1000					



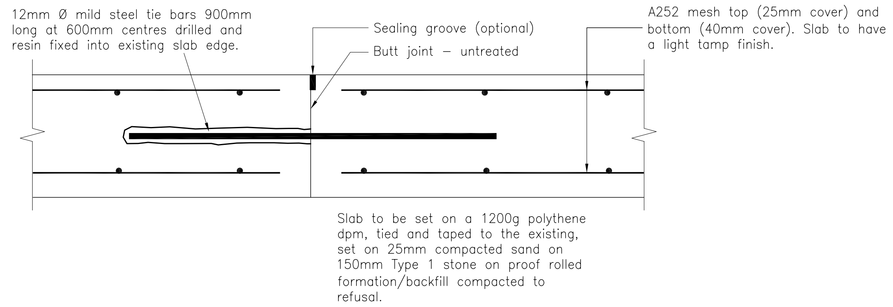
1:25 Plan on Slab Reinforcement



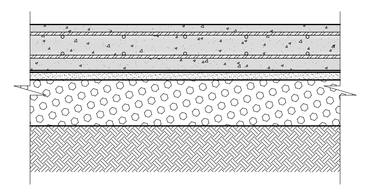
1:25 Section 2–2

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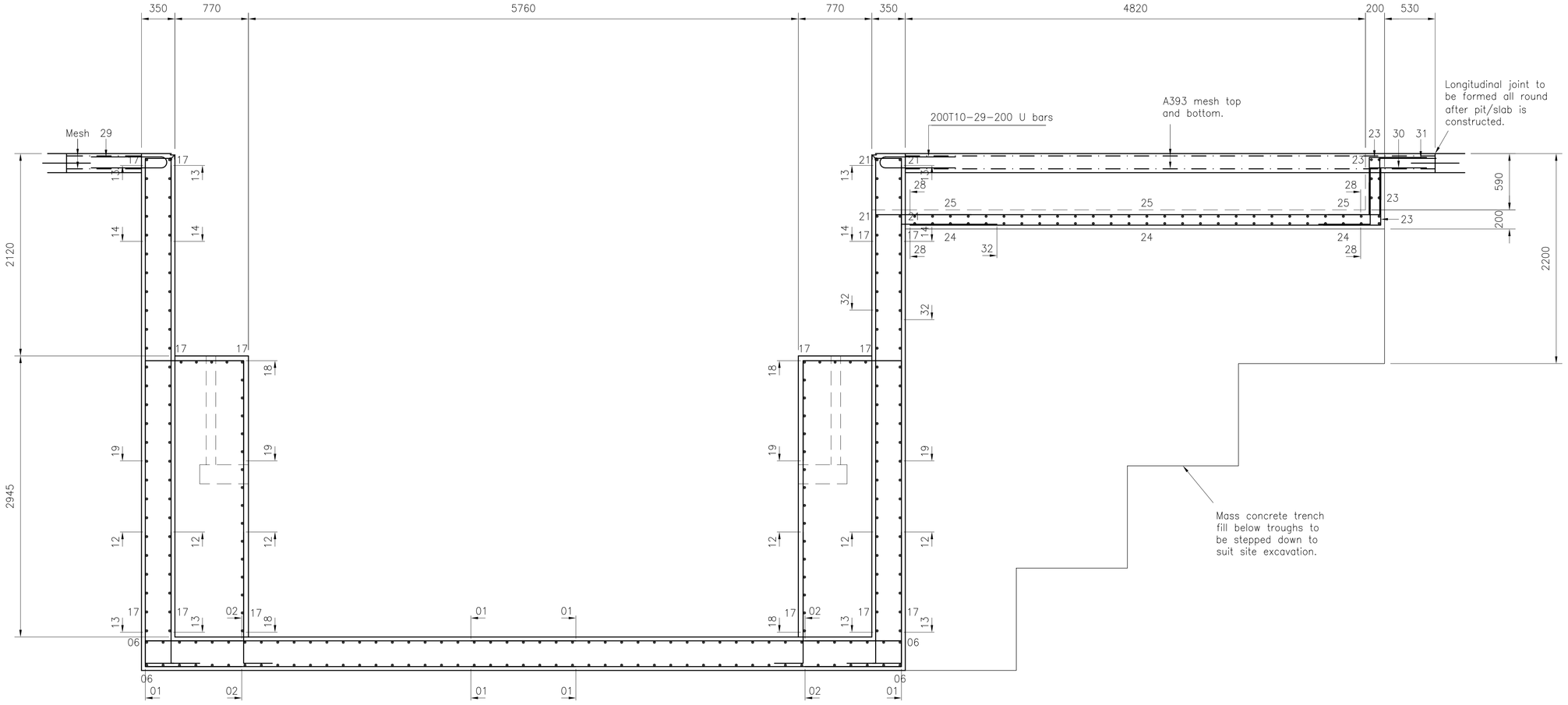


1:5 Longitudinal Joint Detail

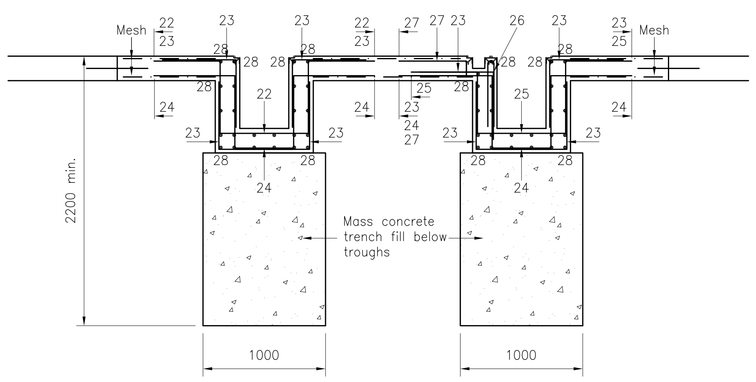


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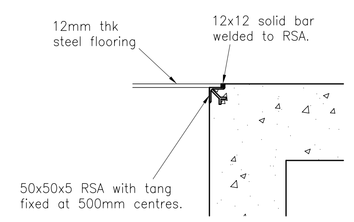
Typical Section through Floor Slab



1:25 Section 1–1



1:25 Section 3–3



1:10 Typical Floor Seating Detail

Existing floor slab to be saw cut clean through around the proposed excavation, all to allow for working room.

Tanking to the pit to be to Architects details. Shuttering to be to Contractor design and details.

xxxx	x	xxxxxxxx
DATE	REV	DESCRIPTION

REVISIONS

STRUCTURAL
DESIGN SERVICES LIMITED
CONSULTING CIVIL & STRUCTURAL ENGINEERS
1, Sheraton Grange, Norton, Stourbridge, West Midlands. DY8 2BE.
Tel : 01384 572026
Fax : 01384 575639
E-Mail : info.sds@incdesign.net

Project: SUPERFORM
COSGROVE CLOSE
WORCESTER

Title: Machine Pit Sections & Slab RC Details

Scale: 1:25,10,5 | Date: 26.02.16

Drawn: cdh | Media: A0

Drawing No. 15/766/31

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