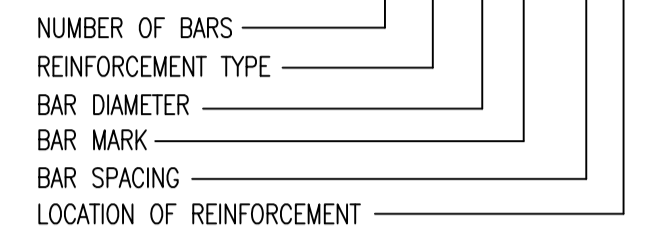


ISSUED FOR REVIEW

DRAWING NOTES

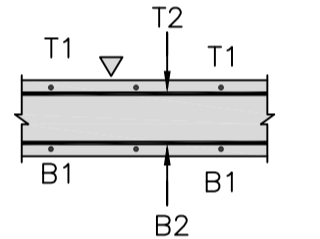
- THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- HIGH YIELD REINFORCEMENT (DENOTED "B", TO BE TYPE 2 DEFORMED BARS WITH A CHARACTERISTIC STRENGTH $F_y=500N/mm^2$. REINFORCEMENT TO BE IN ACCORDANCE WITH BS EN 1992-1 & BS8666-2005. CUTTING AND BENDING OF REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF BS8666-2005 AND SPECIFICATION CLAUSES 1712 AND 1713.
- REINFORCEMENT NOTATION 10 B 25 36 200 B



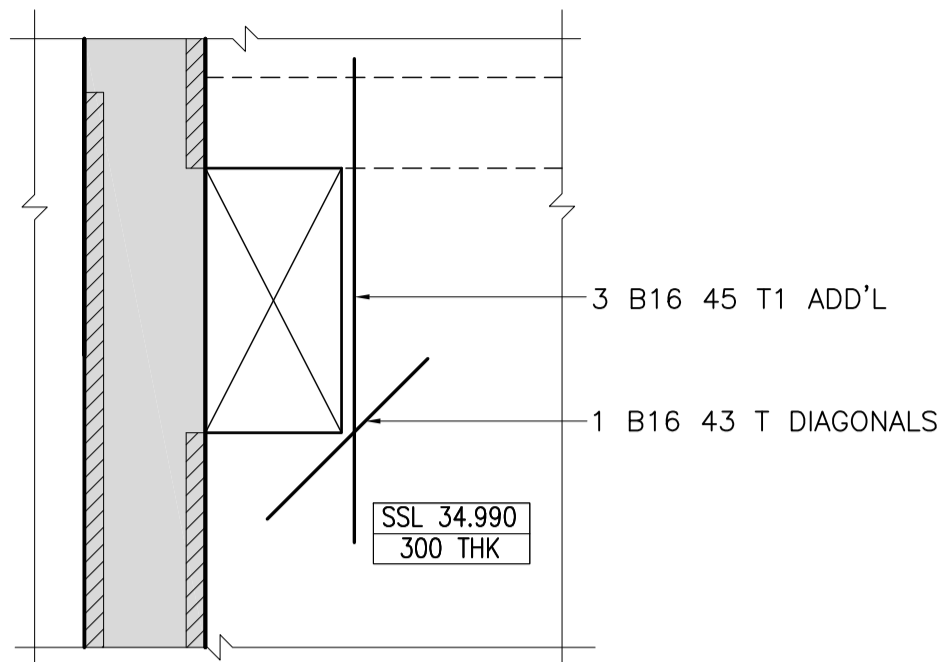
6. LEGEND :-
- T1 = TOP 1ST LAYER
 - T2 = TOP 2ND LAYER
 - STG. = STAGGERED
 - THK = THICKNESS
 - SSL = STRUCTURAL SLAB LEVEL
 - UF = UPPER FLOOR
 - A.P. = ALTERNATE PLACED
 - TYP. = TYPICAL
 - ADD'L = ADDITIONAL

7. COVER TO REINFORCEMENT:
ALL SIDES - 70mm
8. MINIMUM LAP LENGTH BASED ON THE SMALLER BAR SHOULD BE AS FOLLOWS UNLESS NOTED OTHERWISE. C32/40 CONCRETE:

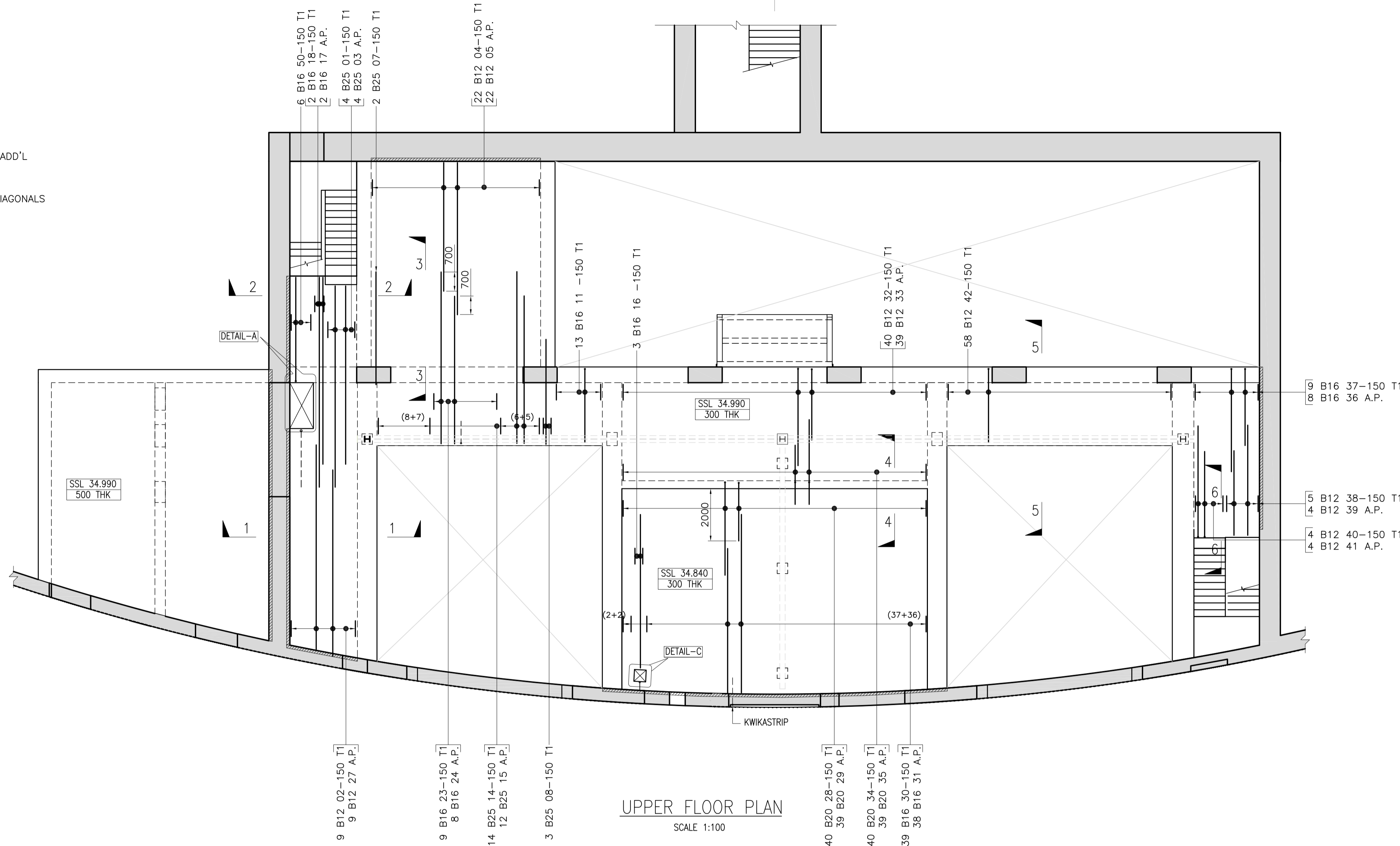
FOR ALT. STAGGERED LAPS: BOTTOM		FOR NON STAGGERED LAPS: BOTTOM	
B8 = 350mm	B20 = 875mm	B8 = 375mm	B20 = 950mm
B10 = 450mm	B25 = 1100mm	B10 = 475mm	B25 = 1175mm
B12 = 525mm	B32 = 1400mm	B12 = 575mm	B32 = 1500mm
B16 = 700mm	B40 = 1850mm	B16 = 750mm	B40 = 2000mm
FOR ALT. STAGGERED LAPS: TOP		FOR NON STAGGERED LAPS: TOP	
B8 = 500mm	B20 = 1250mm	B8 = 550mm	B20 = 1325mm
B10 = 625mm	B25 = 1550mm	B10 = 675mm	B25 = 1650mm
B12 = 750mm	B32 = 1975mm	B12 = 800mm	B32 = 2125mm
B16 = 1000mm	B40 = 2700mm	B16 = 1075mm	B40 = 2900mm



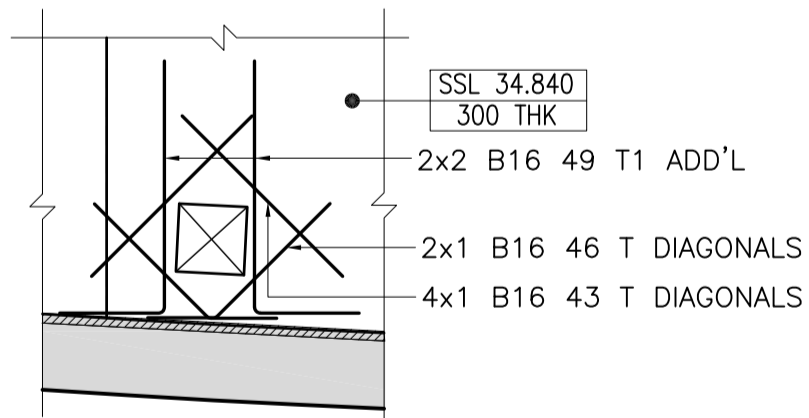
ANNOTATION OF LAYER IN SECTION
ARROW INDICATES THE DIRECTION OF VIEW



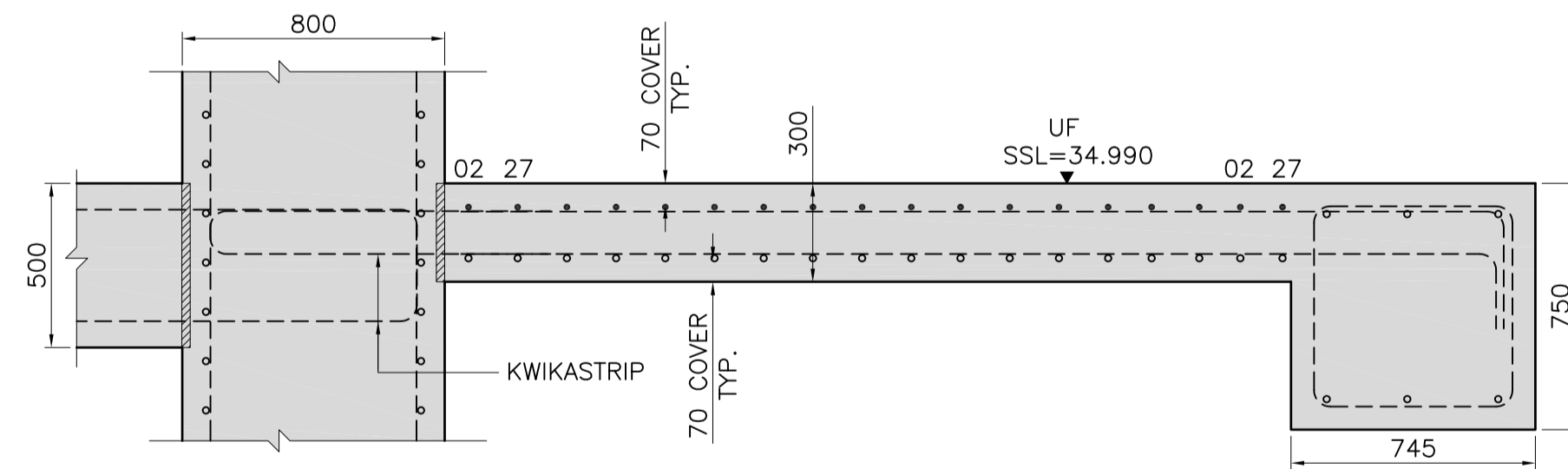
DETAIL-A
SCALE 1:50



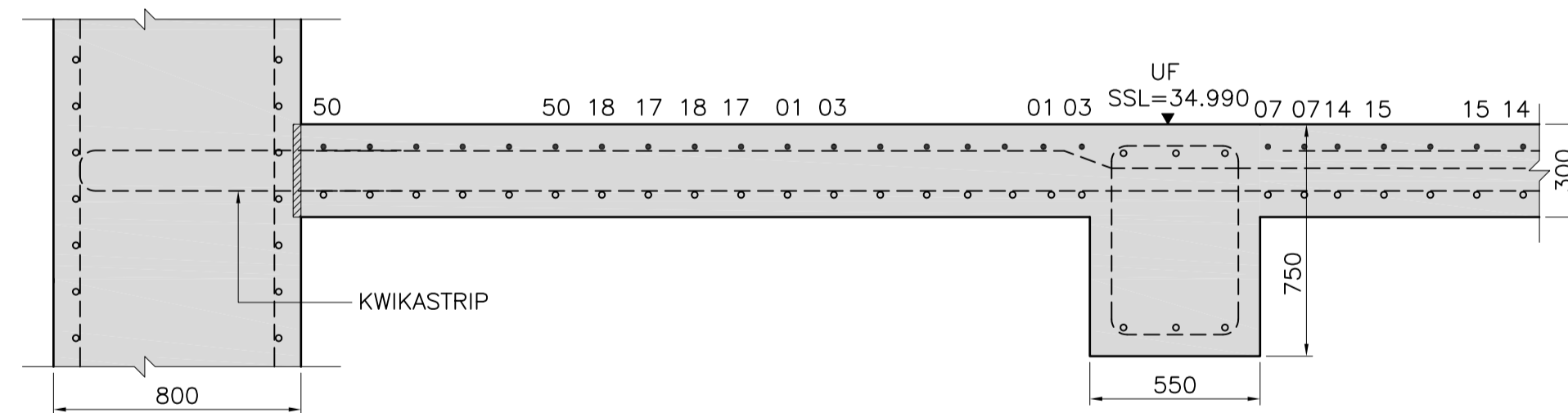
UPPER FLOOR PLAN
SCALE 1:100



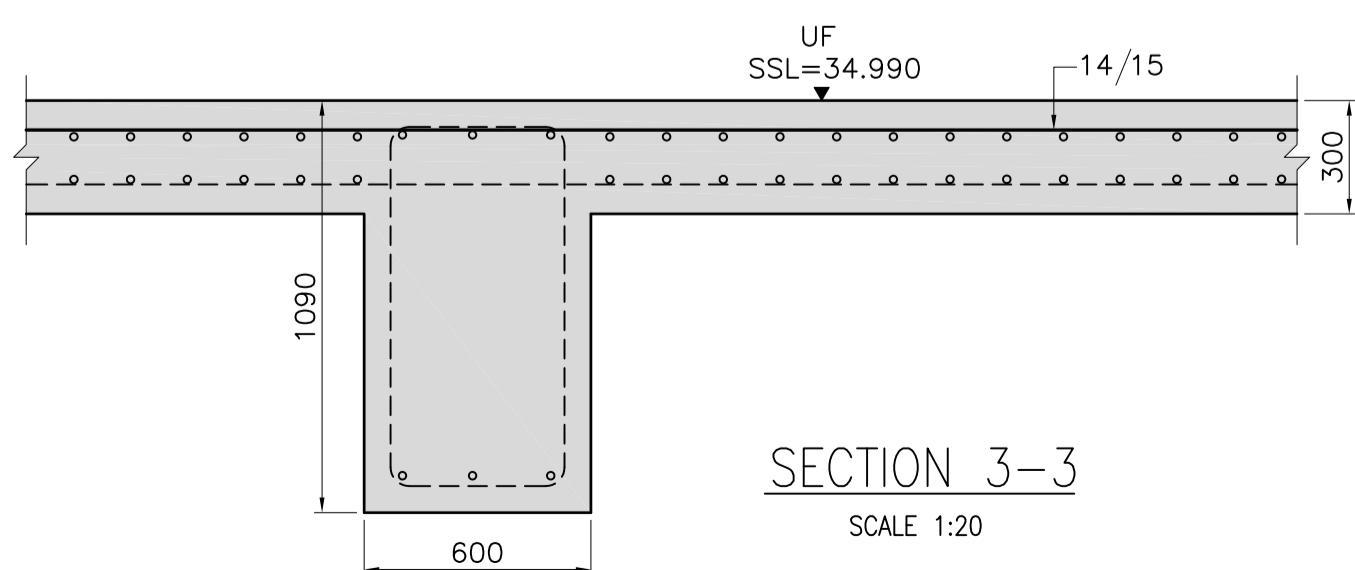
DETAIL-C
SCALE 1:50



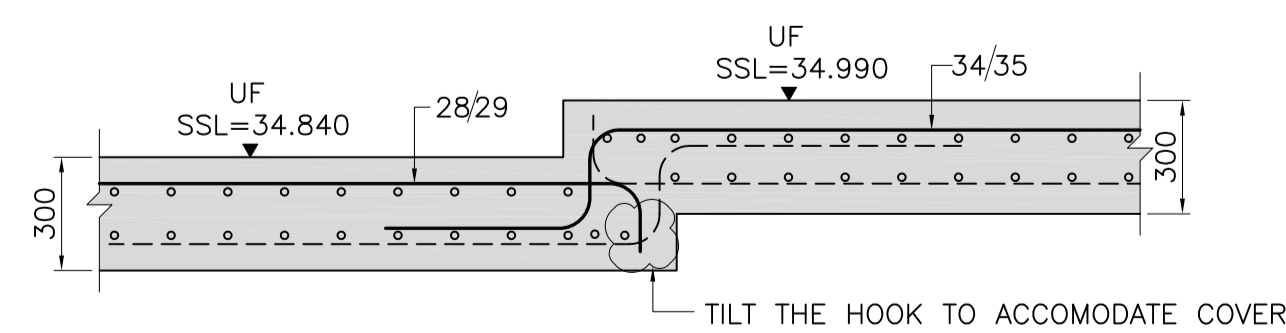
SECTION 1-1
SCALE 1:20



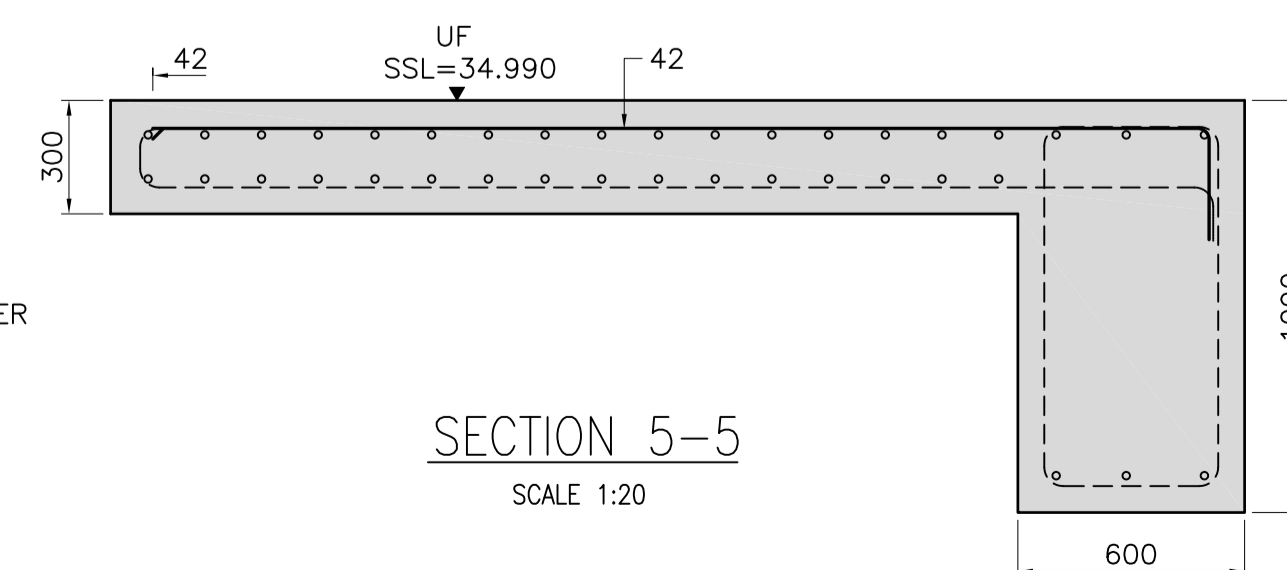
SECTION 2-2
SCALE 1:20



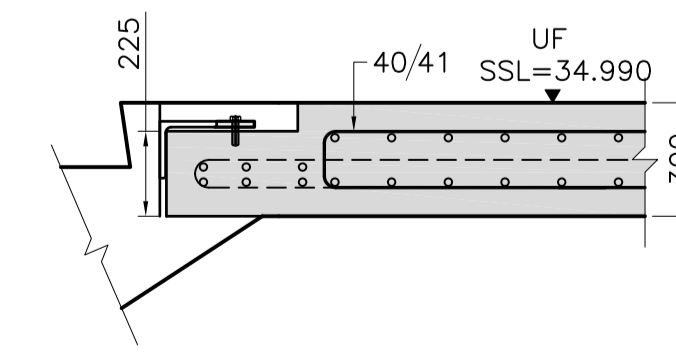
SECTION 3-3
SCALE 1:20



SECTION 4-4
SCALE 1:20



SECTION 5-5
SCALE 1:20



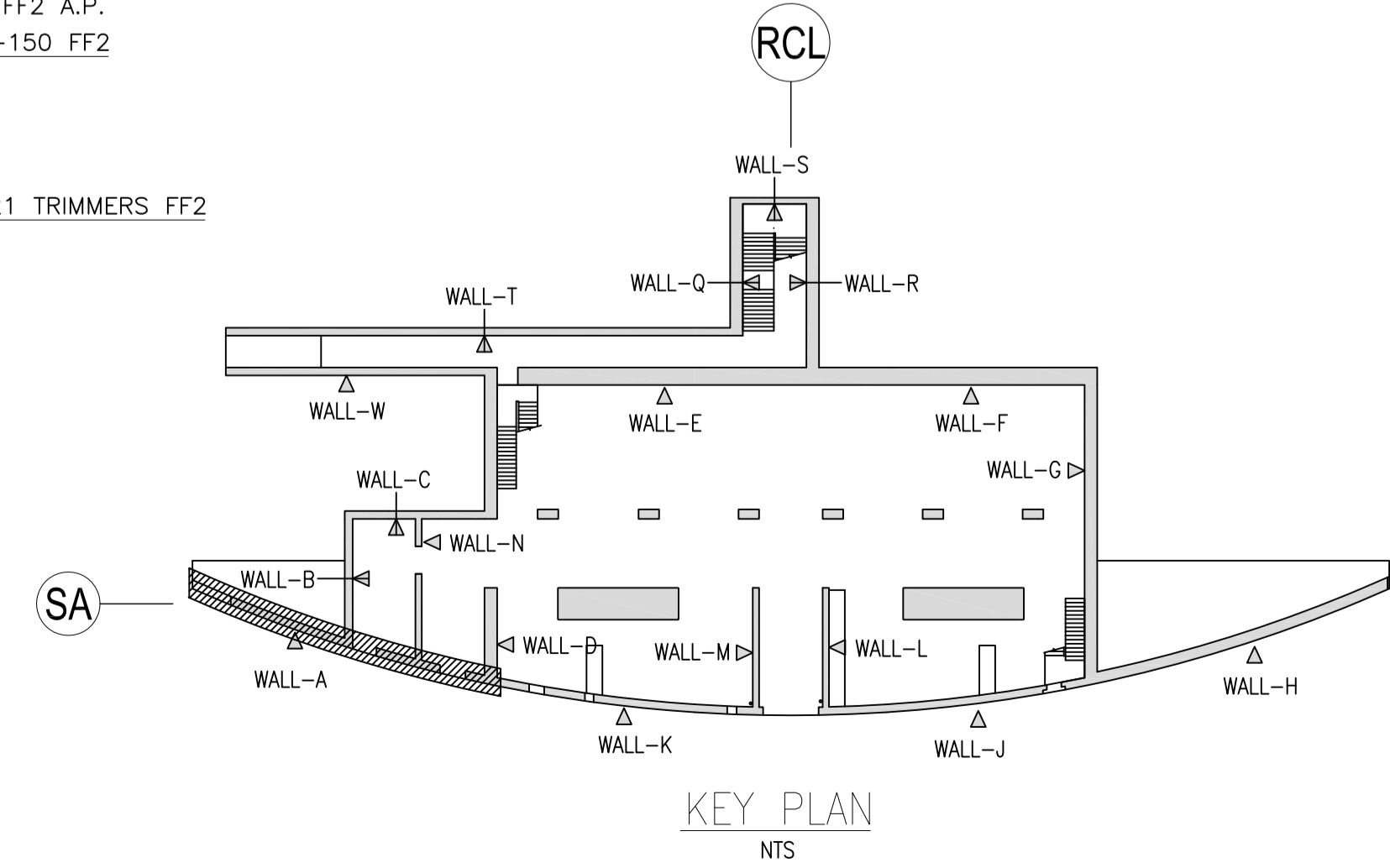
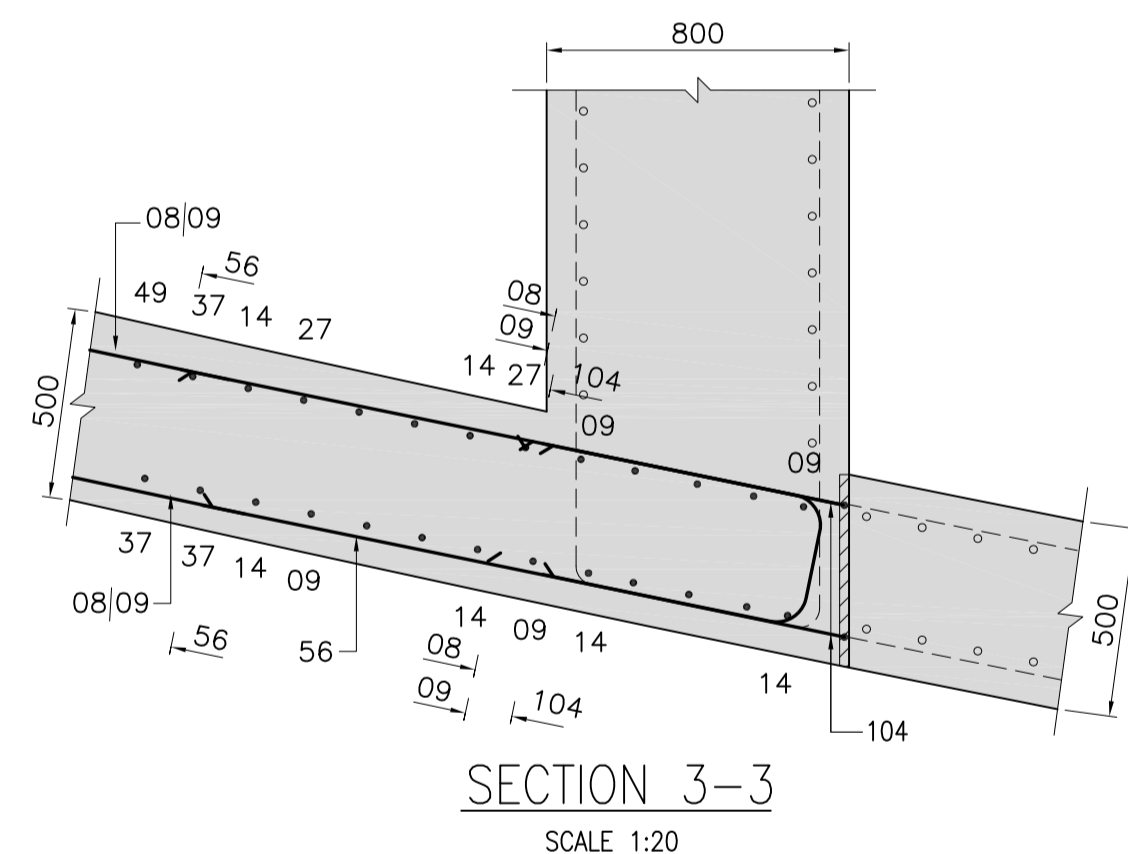
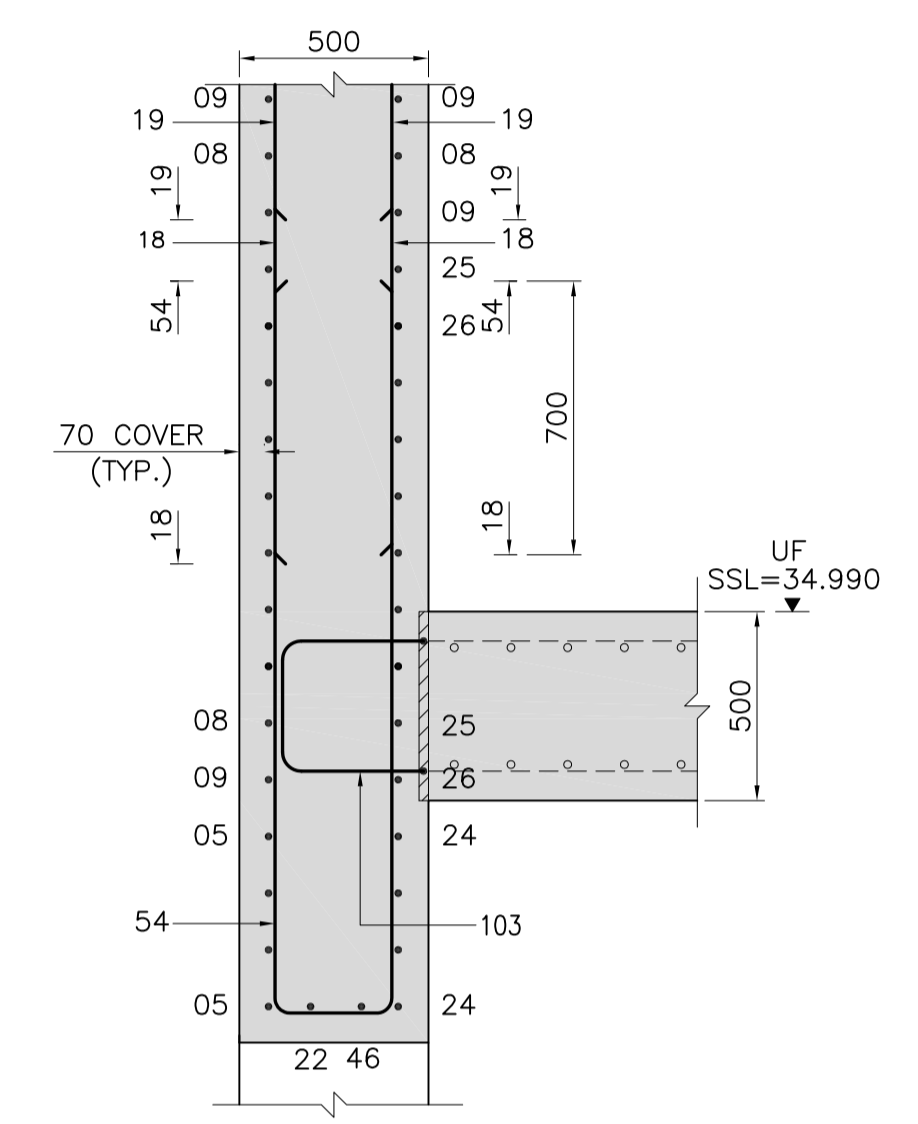
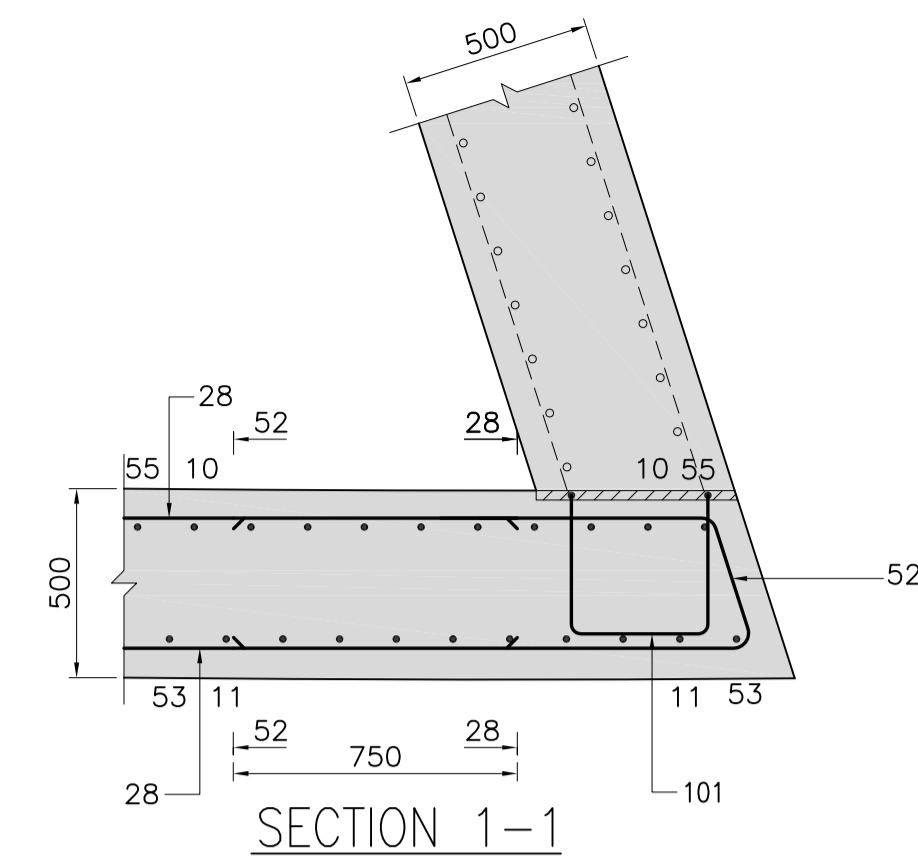
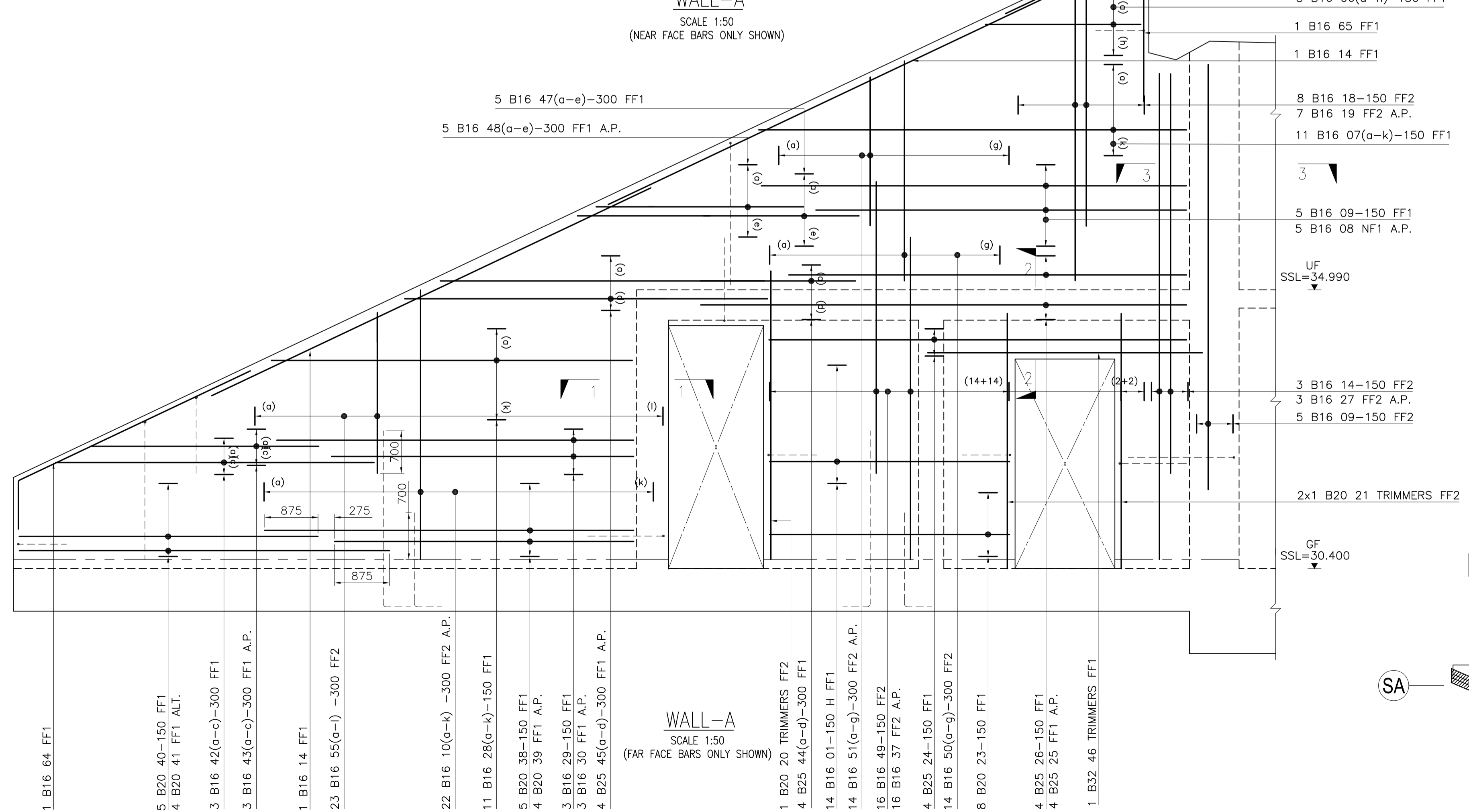
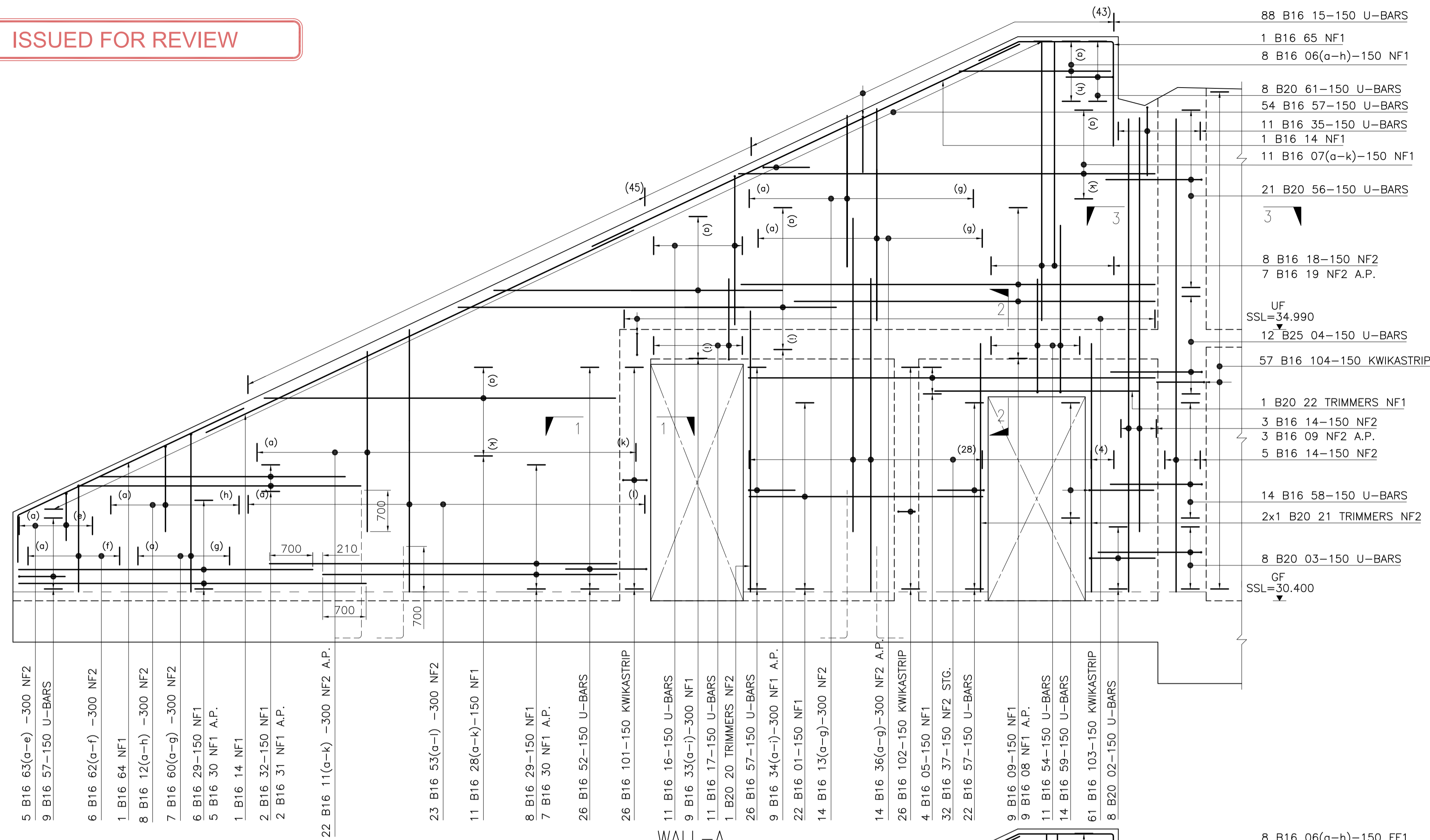
SECTION 6-6
SCALE 1:20

Drawing title

RC DETAILS OF
UPPER FLOOR SLAB
(TOP MAT - T1)

A1 - DO NOT SCALE

ISSUED FOR REVIEW



DRAWING NOTES

- THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
 - HIGH YIELD REINFORCEMENT (DENOTED "B", TO BE TYPE 2 DEFORMED BARS WITH A CHARACTERISTIC STRENGTH $F_y=500\text{N/mm}^2$. REINFORCEMENT TO BE IN ACCORDANCE WITH BS EN 1992-1 & BS8666-2005. CUTTING AND BENDING OF REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF BS8666-2005 AND SPECIFICATION CLAUSES 1712 AND 1713.
 - REINFORCEMENT NOTATION 10 B 25 36 200 B
- NUMBER OF BARS
REINFORCEMENT TYPE
BAR DIAMETER
BAR MARK
BAR SPACING
LOCATION OF REINFORCEMENT
6. LEGEND :-
H = HORIZONTAL
V = VERTICAL
NF = NEAR FACE
FF = FAR FACE
STG. = STAGGERED
A.P. = ALTERNATE PLACED
TYP. = TYPICAL
THK = THICKNESS
SSL = STRUCTURAL SLAB LEVEL
GF = GROUND FLOOR
UF = UPPER FLOOR
7. COVER TO REINFORCEMENT:
ALL SIDES - 70mm
TOLERANCES ON REINFORCEMENT POSITION ARE TO BE CLASS 1 TO BS EN 13670
8. MINIMUM LAP LENGTH BASED ON THE SMALLER BAR SHOULD BE AS FOLLOWS UNLESS NOTED OTHERWISE. C32/40 CONCRETE:
FOR ALT. STAGGERED LAPS: B8 = 350mm B20 = 875mm
B10 = 450mm B25 = 1100mm
B12 = 525mm B32 = 1400mm
B16 = 700mm B40 = 1850mm
FOR NON STAGGERED LAPS: B8 = 375mm B20 = 950mm
B10 = 475mm B25 = 1175mm
B12 = 575mm B32 = 1500mm
B16 = 750mm B40 = 2000mm

ANNOTATION OF LAYER IN SECTION

ARROW INDICATES THE DIRECTION OF VIEW

Drawing title
**MAIN CROSSING SOUTH ABUTMENT
RC DETAILS OF
WEST WING WALL**

A1 - DO NOT SCALE

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office (© Crown copyright, unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings, Scottish Government 10002040 2009

ISSUED FOR REVIEW

DRAWING NOTES

- THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- HIGH YIELD REINFORCEMENT (DENOTED "B", TO BE TYPE 2 DEFORMED BARS WITH A CHARACTERISTIC STRENGTH $F_y=500N/mm^2$). REINFORCEMENT TO BE IN ACCORDANCE WITH BS EN 1992-1 & BS8666-2005. CUTTING AND BENDING OF REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF BS8666-2005 AND SPECIFICATION CLAUSES 1712 AND 1713.
- REINFORCEMENT NOTATION 10 B 25 36 200 B

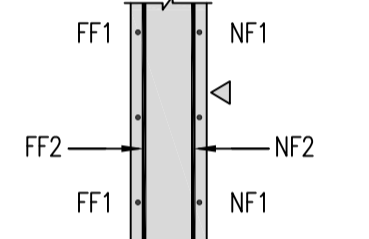
NUMBER OF BARS
REINFORCEMENT TYPE
BAR DIAMETER
BAR MARK
BAR SPACING
LOCATION OF REINFORCEMENT

6. LEGEND :-
- | | |
|-------------------------|-----------------------------|
| H = HORIZONTAL | THK = THICKNESS |
| V = VERTICAL | SSL = STRUCTURAL SLAB LEVEL |
| NF = NEAR FACE | GF = GROUND FLOOR |
| FF = FAR FACE | UF = UPPER FLOOR |
| STG. = STAGGERED | EF = EACH FACE |
| A.P. = ALTERNATE PLACED | ES = EACH SIDE |
| TYP. = TYPICAL | SSL = STRUCTURAL SLAB LEVEL |

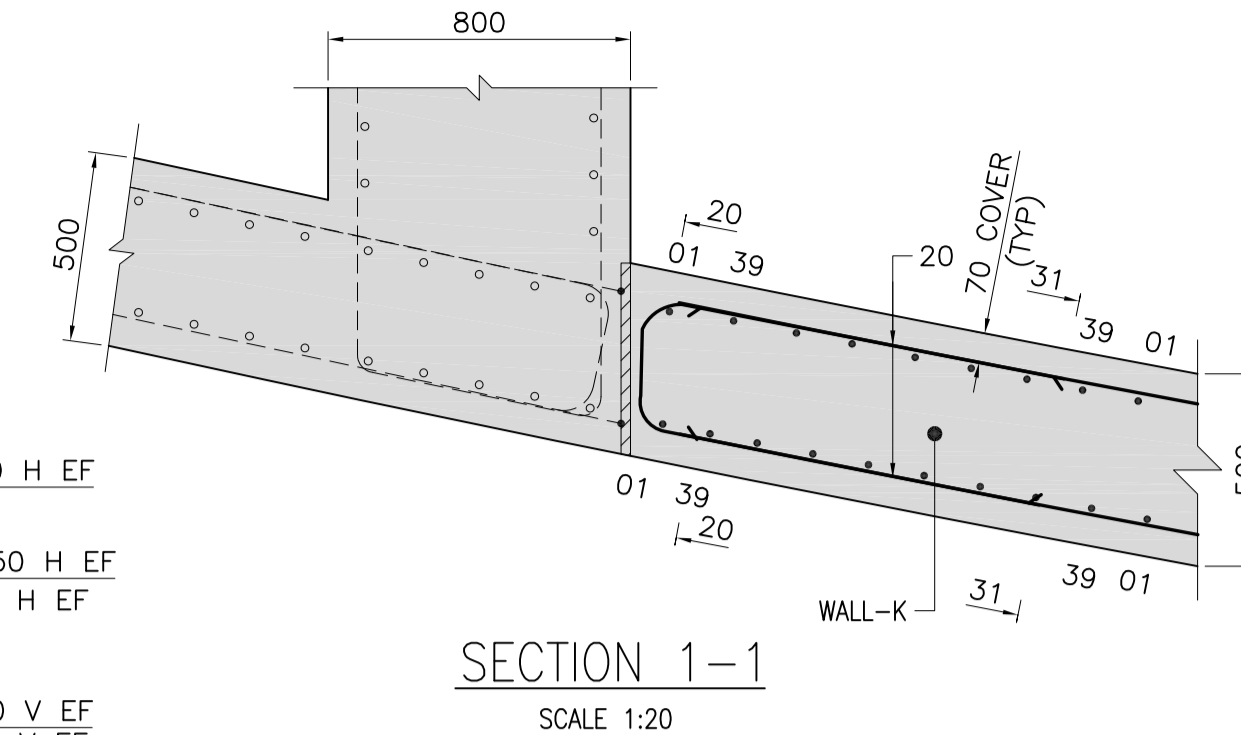
7. COVER TO REINFORCEMENT:
ALL SIDES - 70mm

8. MINIMUM LAP LENGTH BASED ON THE SMALLER BAR SHOULD BE AS FOLLOWS UNLESS NOTED OTHERWISE. C32/40 CONCRETE:

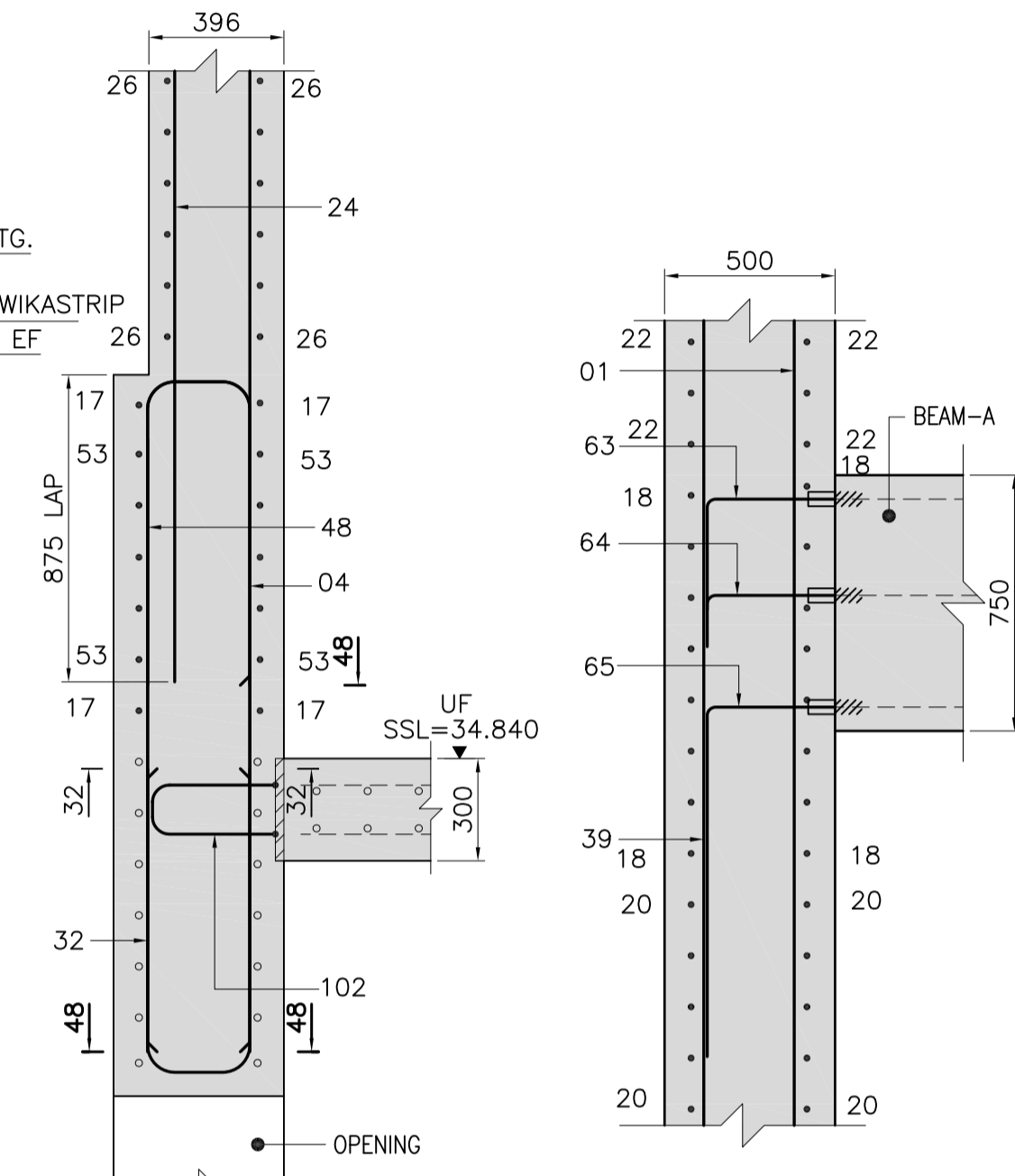
FOR ALT. STAGGERED LAPS:		FOR NON STAGGERED LAPS:	
B8 = 350mm	B20 = 875mm	B8 = 375mm	B20 = 950mm
B10 = 450mm	B25 = 1100mm	B10 = 475mm	B25 = 1175mm
B12 = 525mm	B32 = 1400mm	B12 = 575mm	B32 = 1500mm
B16 = 700mm	B40 = 1850mm	B16 = 750mm	B40 = 2000mm



ANNOTATION OF LAYER IN SECTION
ARROW INDICATES THE DIRECTION OF VIEW

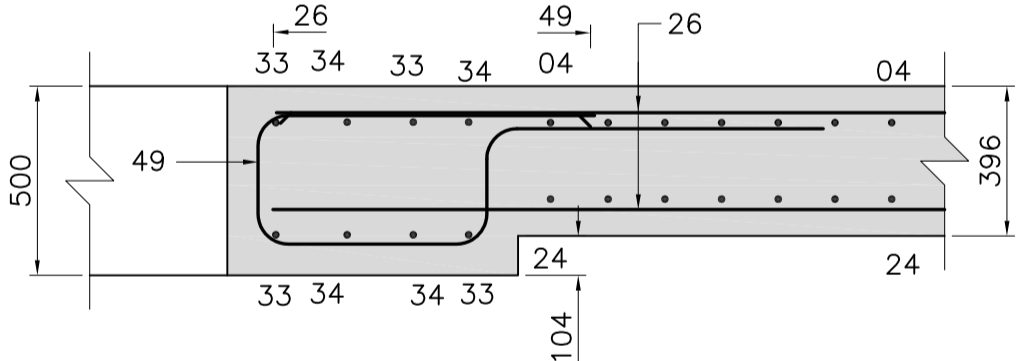


SECTION 1-1
SCALE 1:20



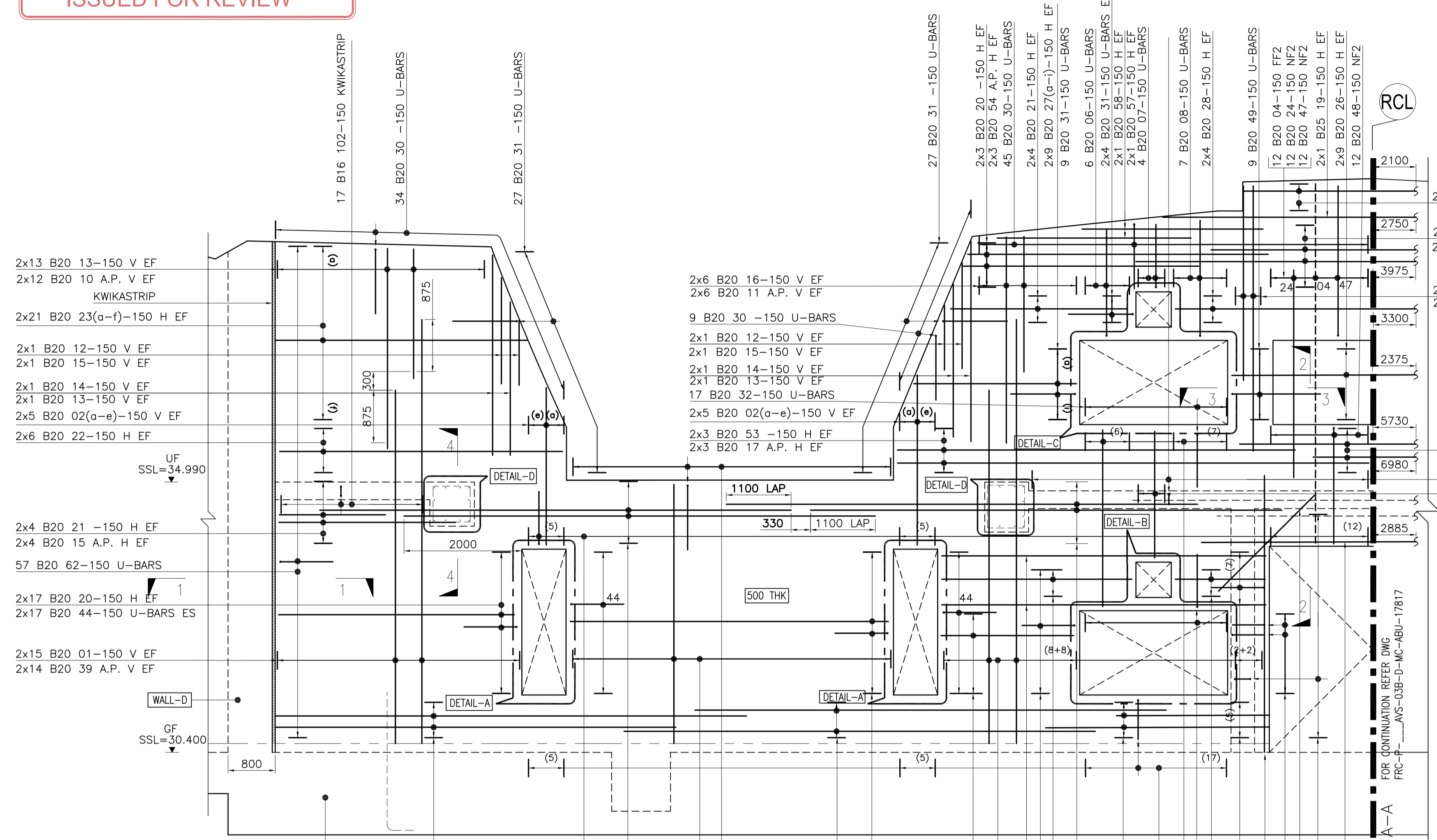
SECTION 2-2
SCALE 1:20

SECTION 4-4
SCALE 1:20

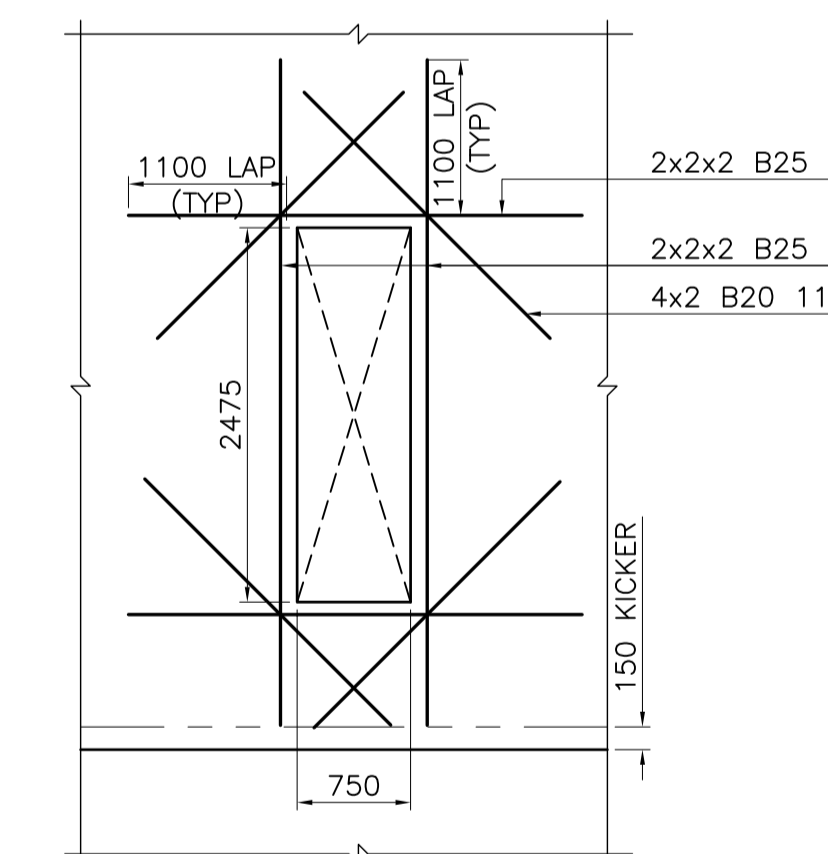


SECTION 3-3
SCALE 1:20

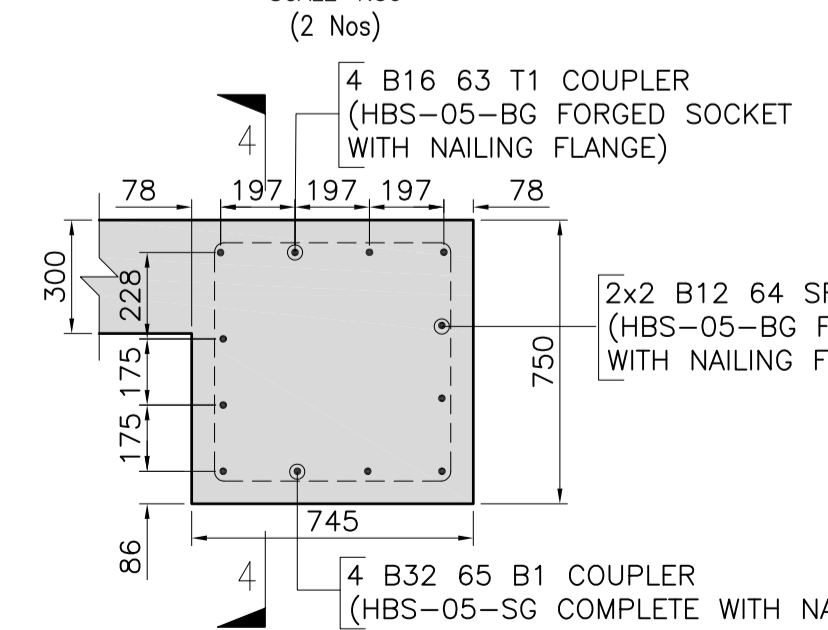
NOTE-1:
COUPLER DETAILS TO BE HBS-05-BG WITH NAILING FLANGE AND BENT BARS



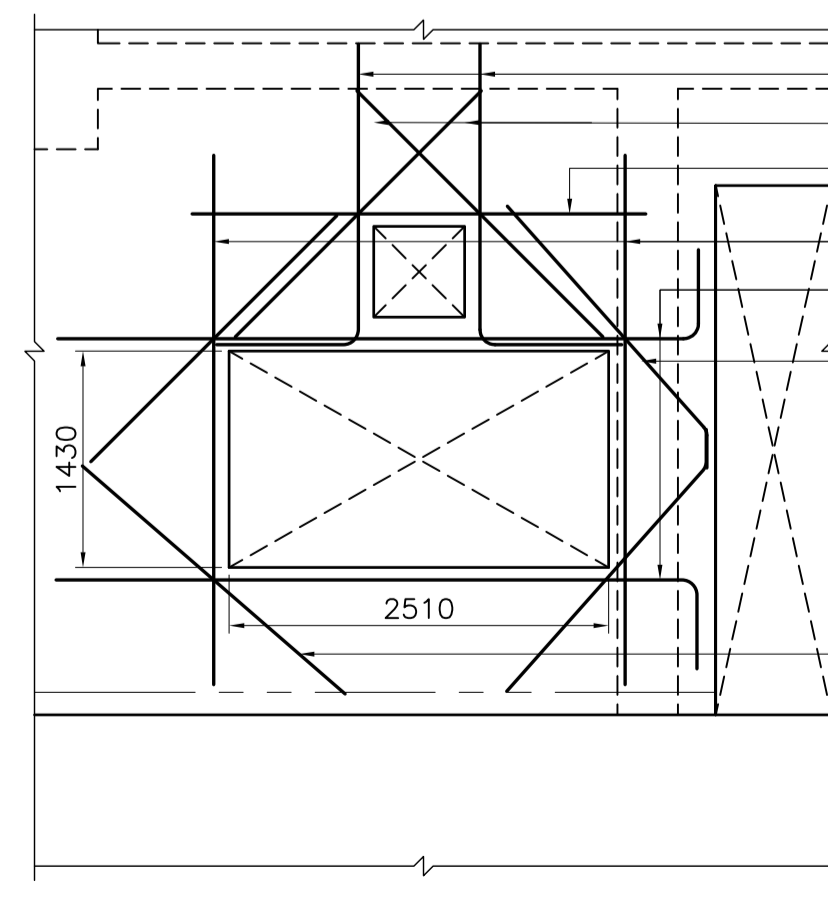
FOR STARTER BAR REINFORCEMENT DETAIL REFER FRC-P-...AVS-03a-D-MC-ABU-17711



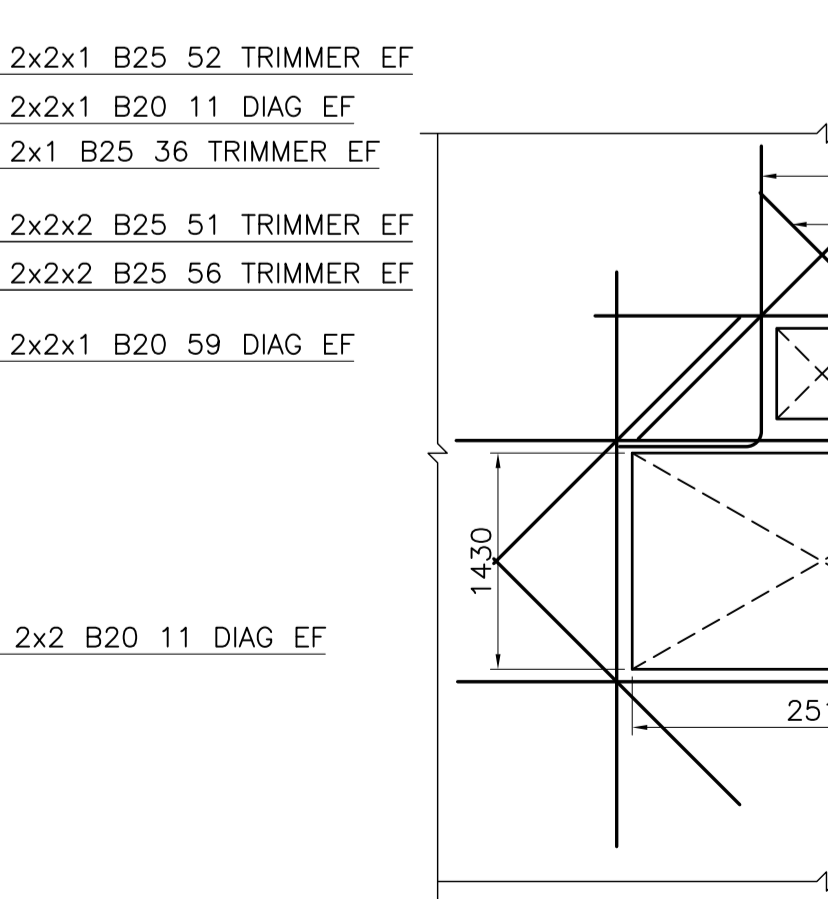
DETAIL-A
SCALE 1:50
(2 Nos)



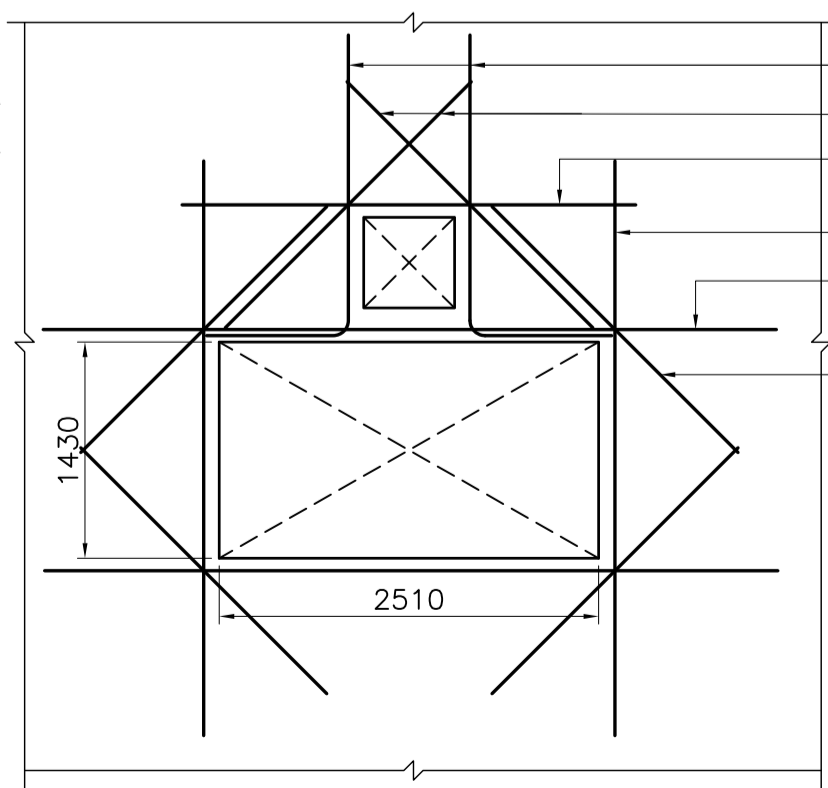
DETAIL-D
SCALE 1:50
(2 Nos)



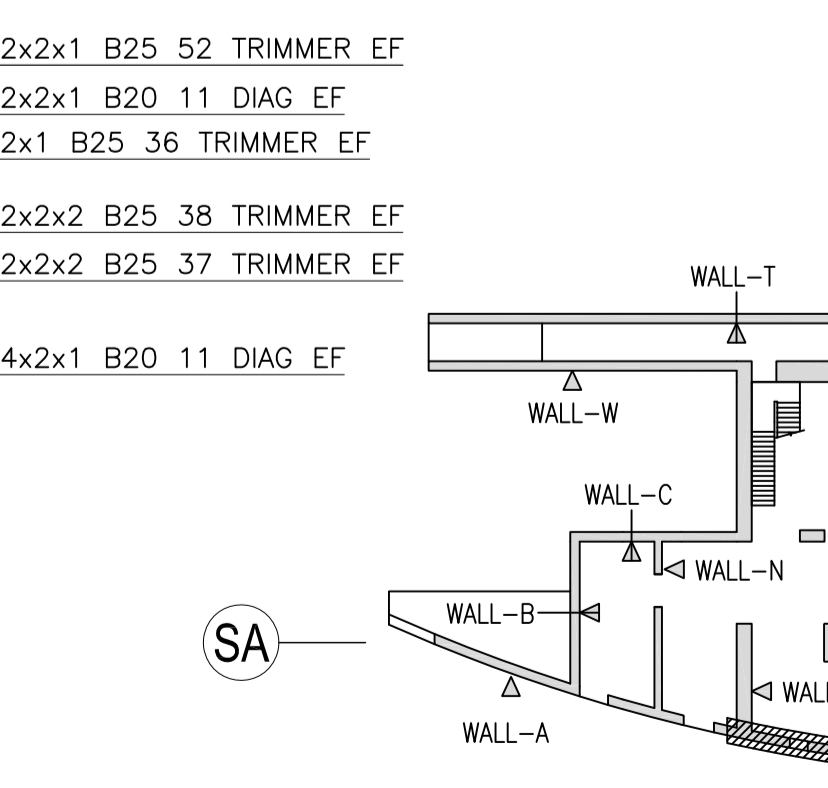
DETAIL-B
SCALE 1:50



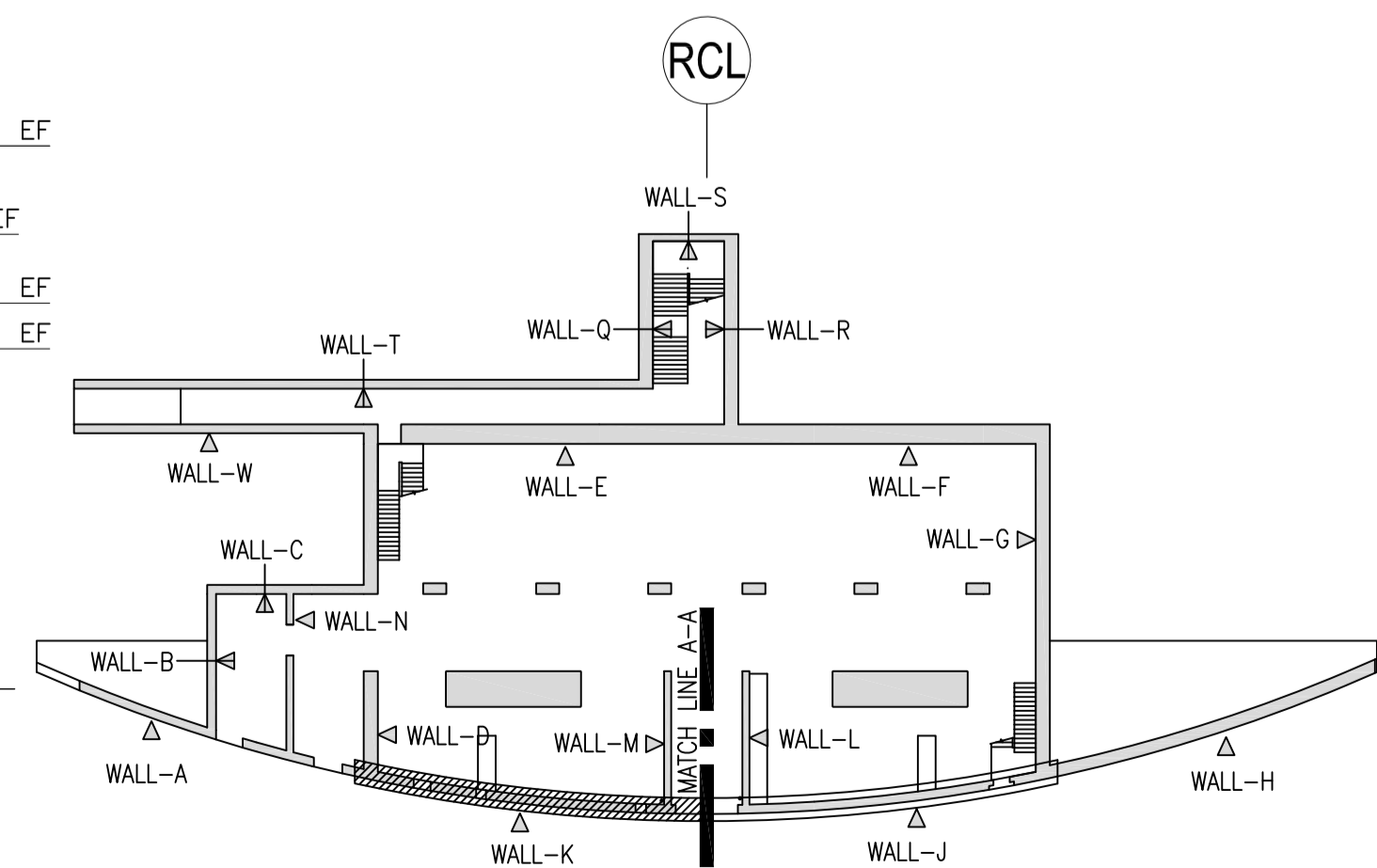
DETAIL-C
SCALE 1:50



DETAIL-E
SCALE 1:50



DETAIL-F
SCALE 1:50

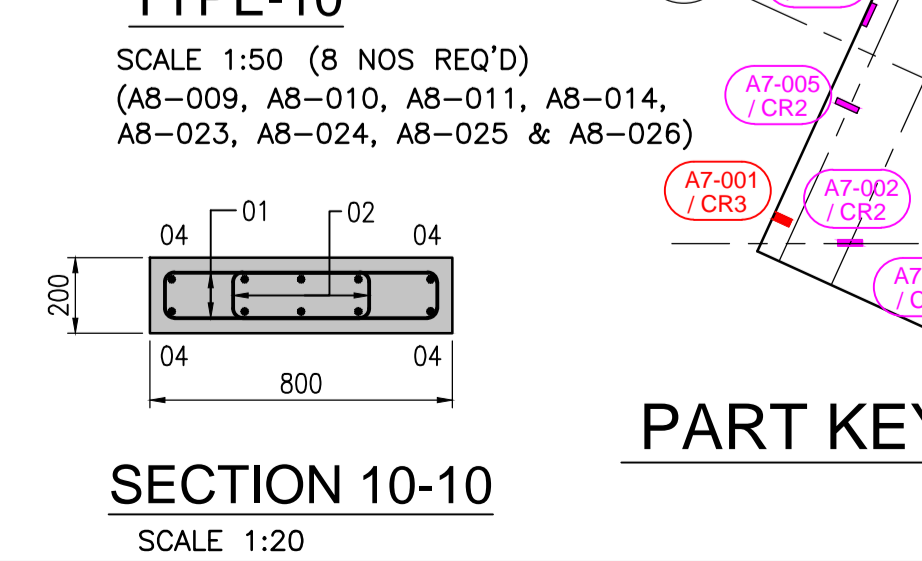
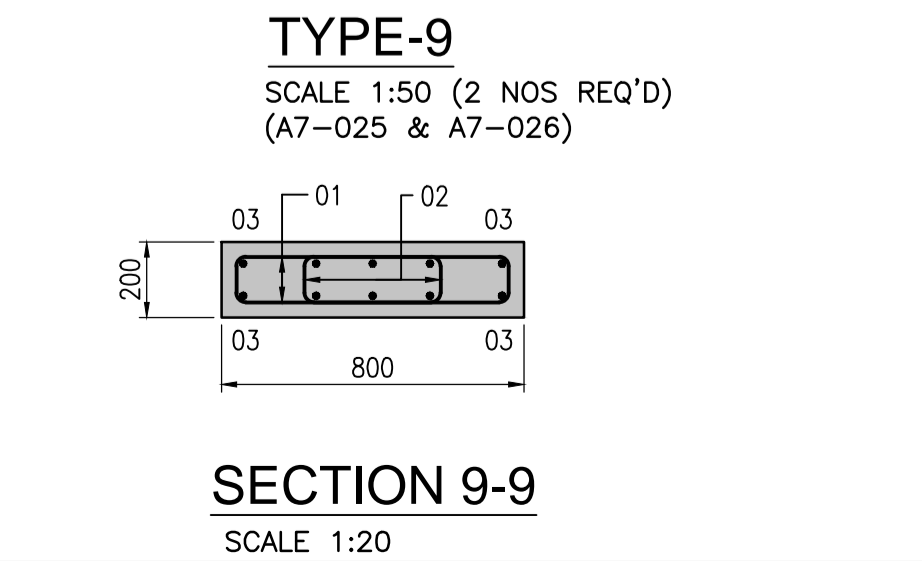
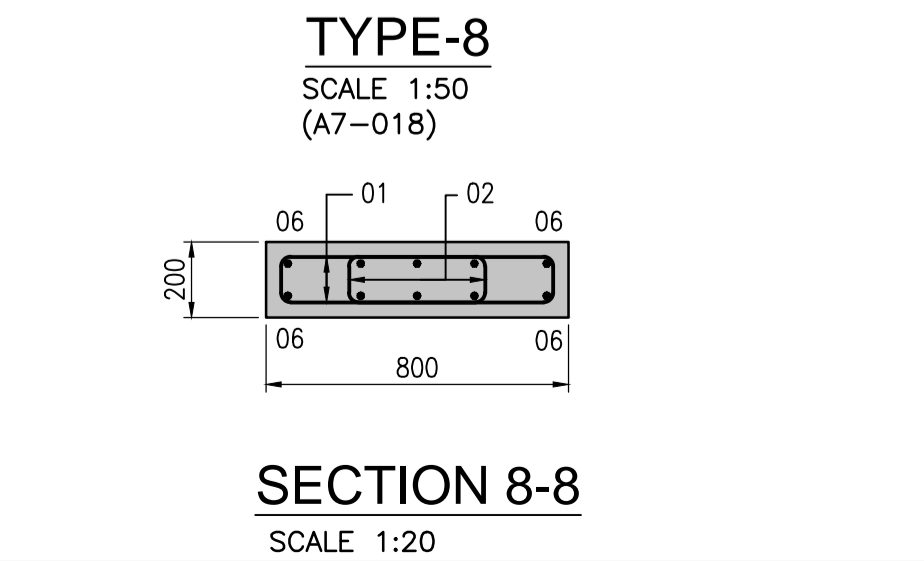
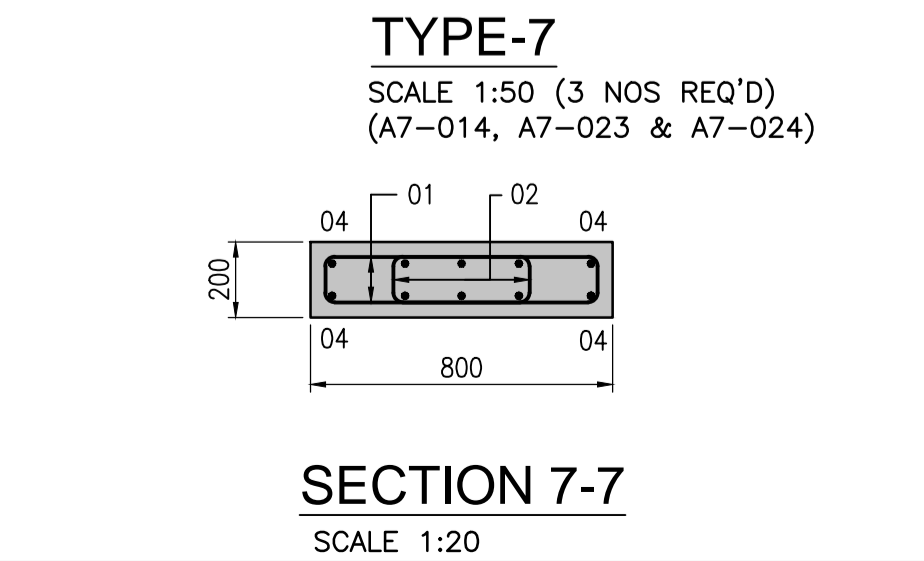
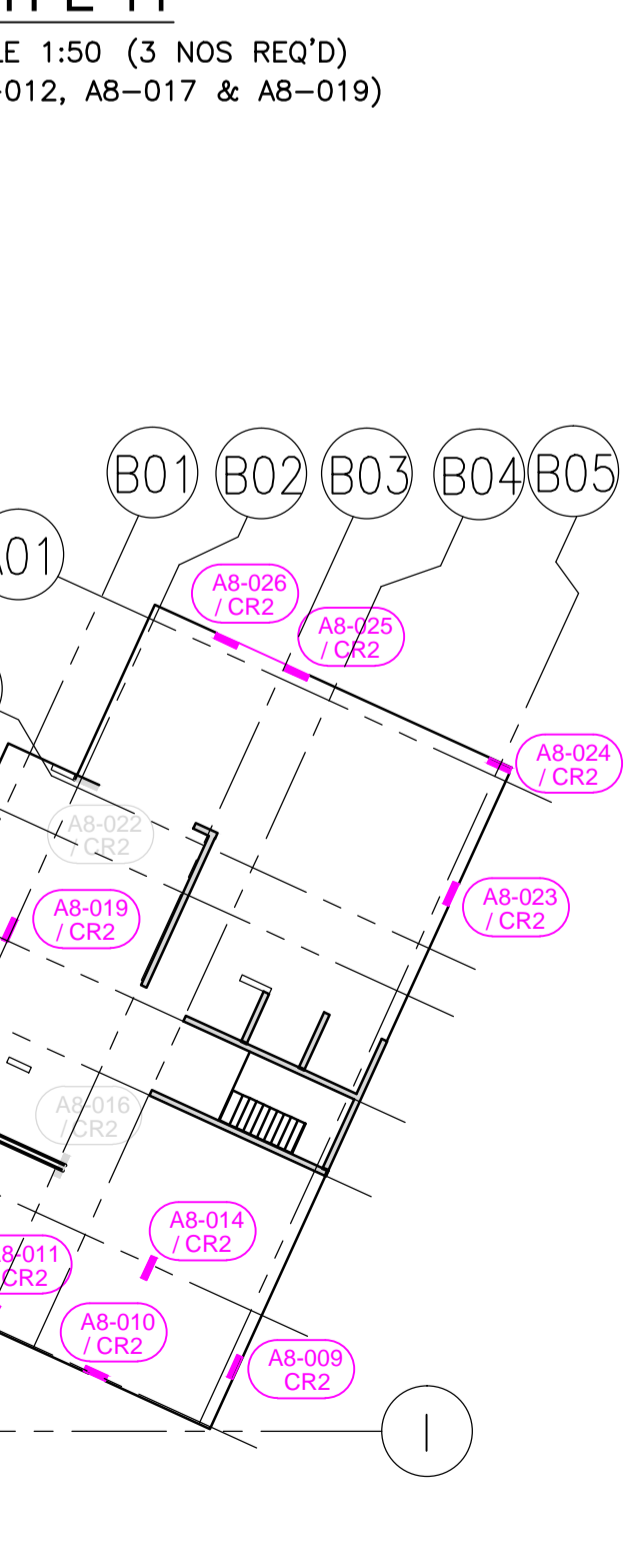
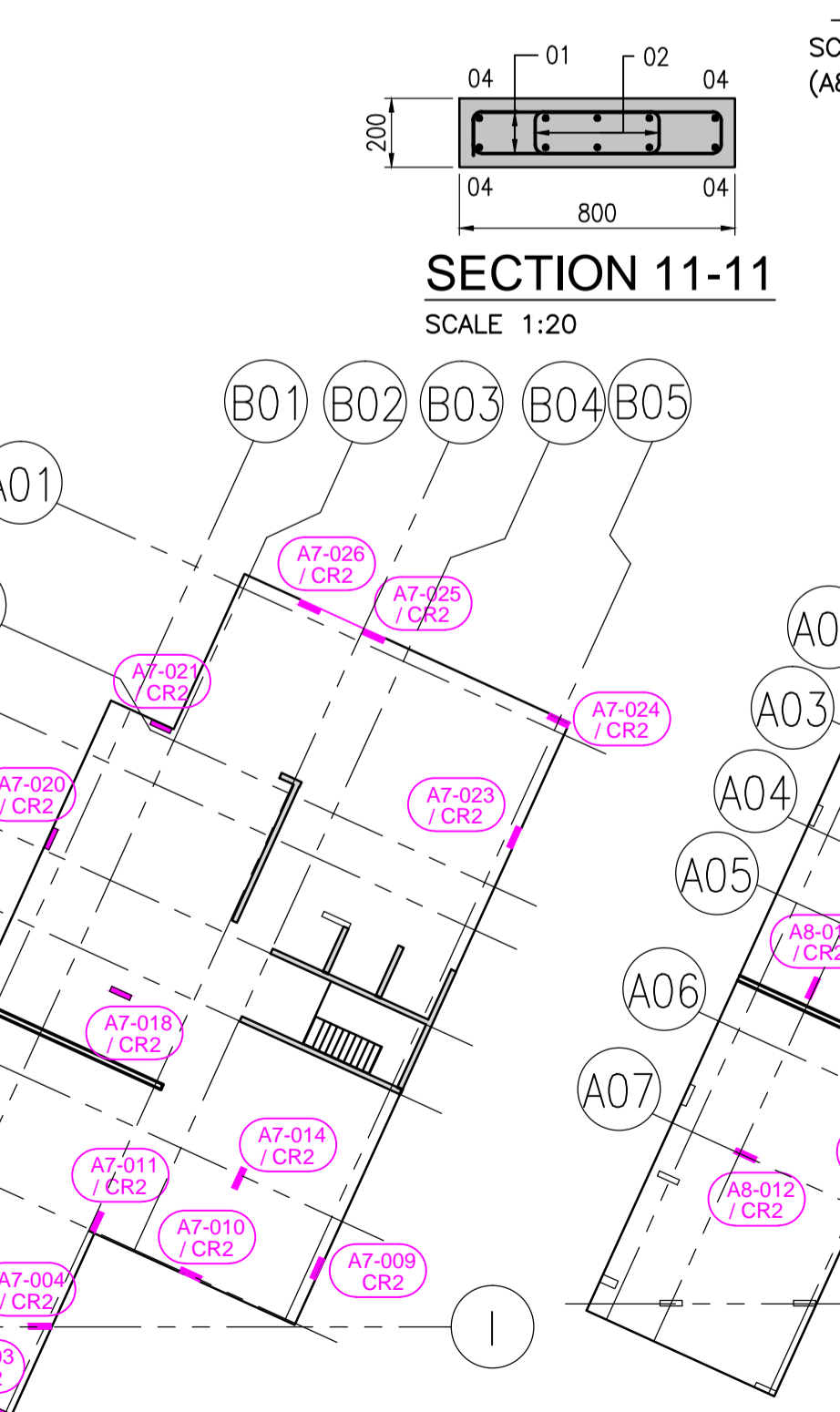
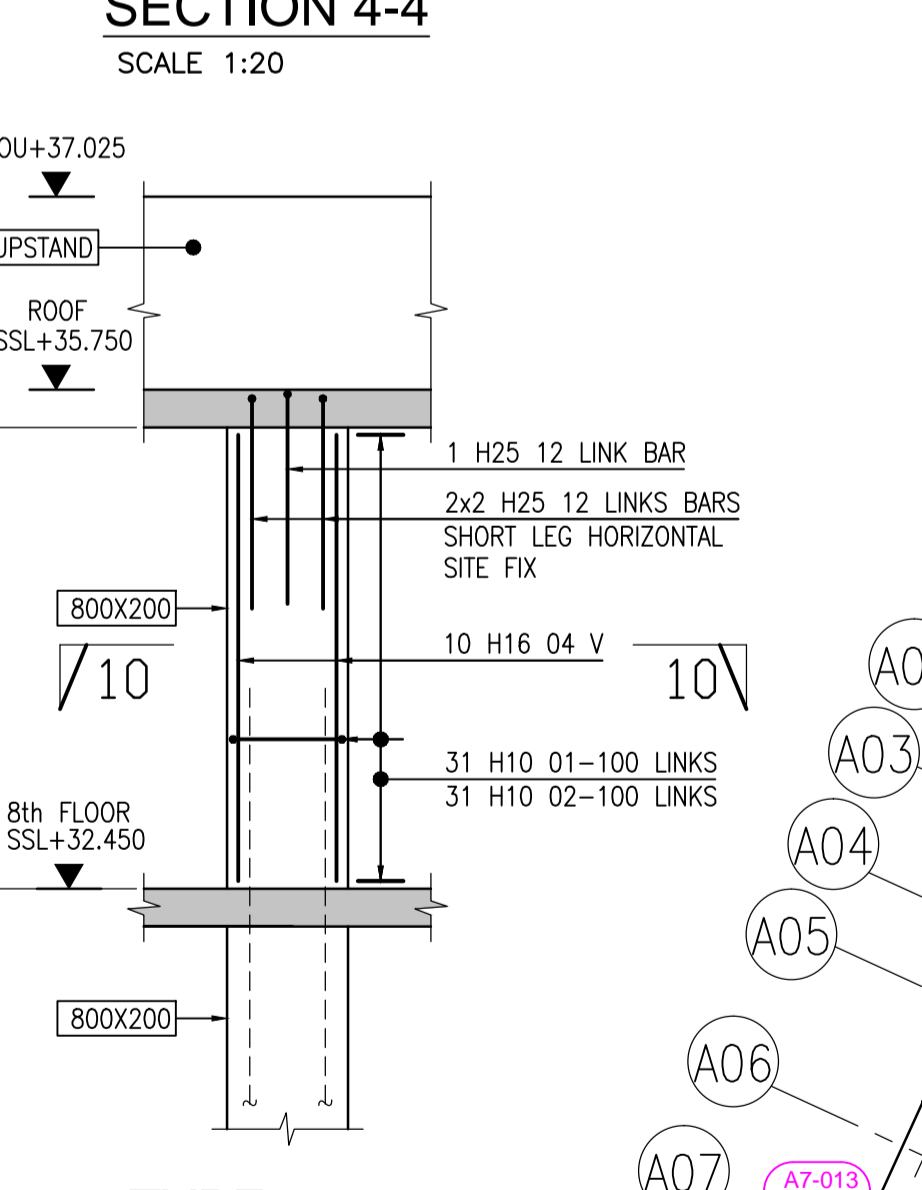
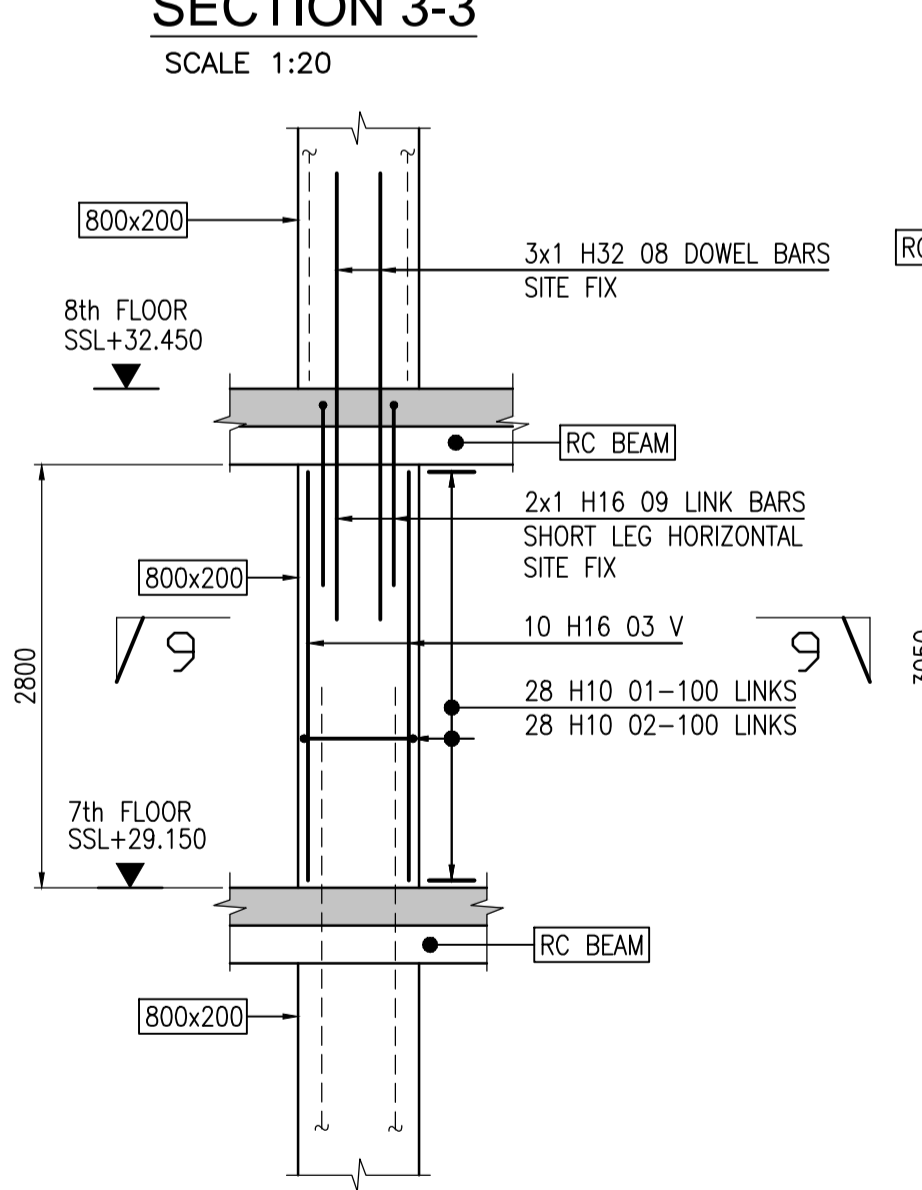
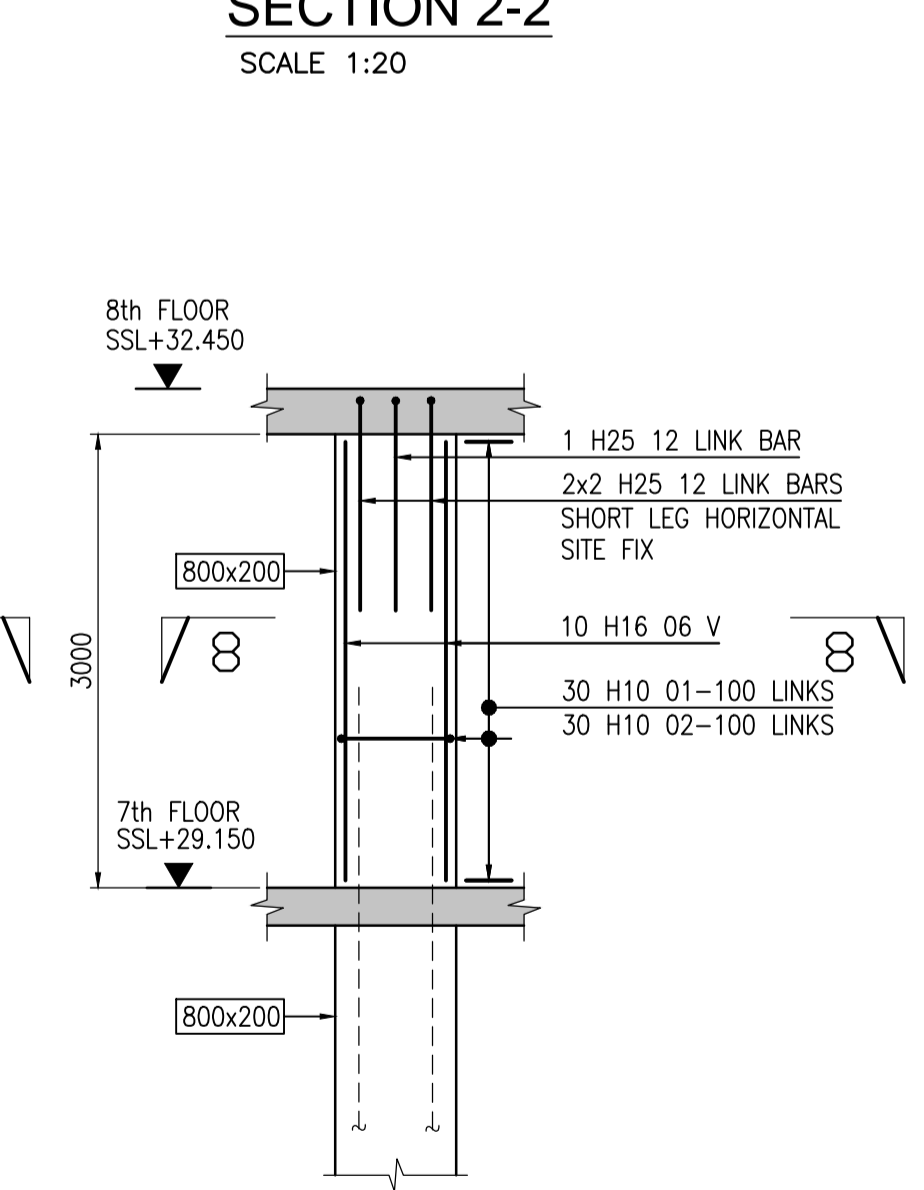
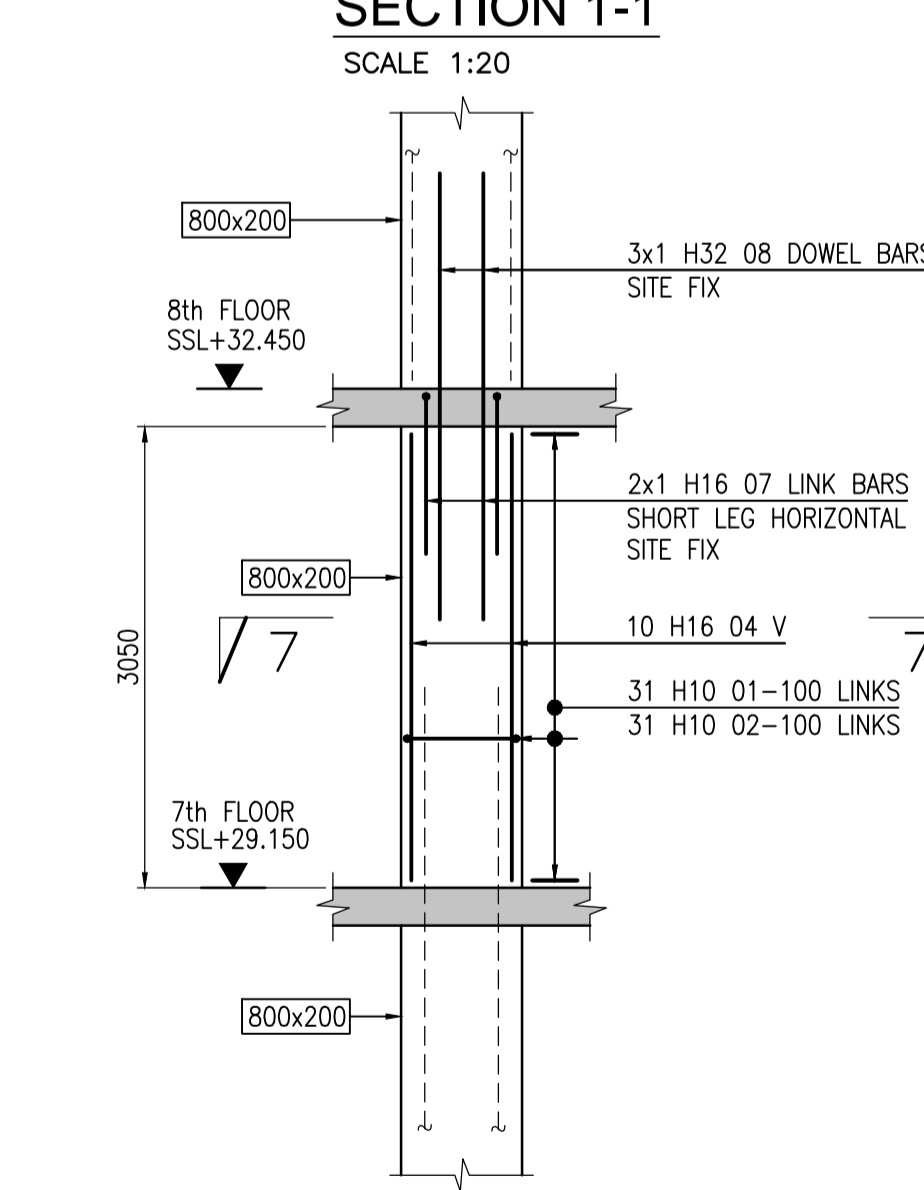
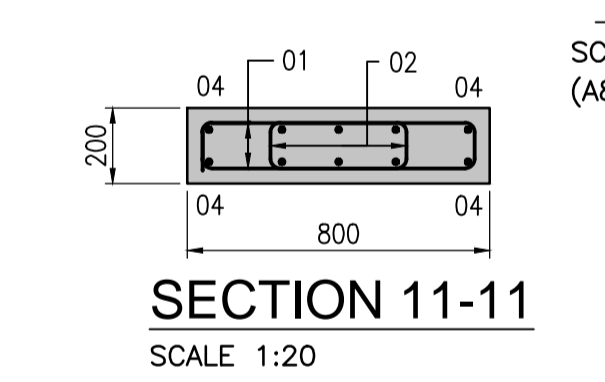
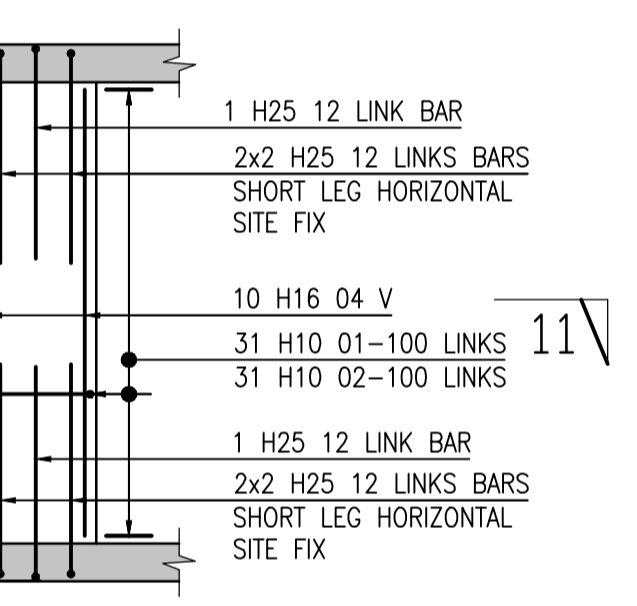
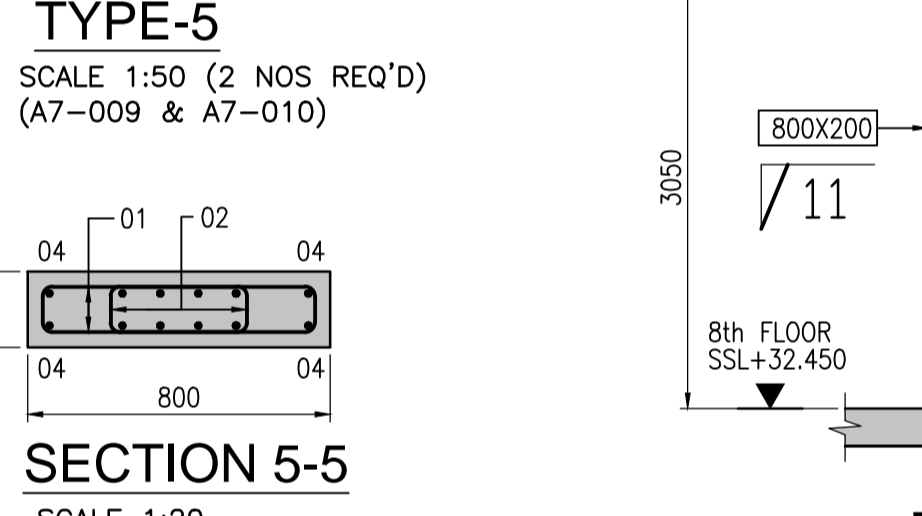
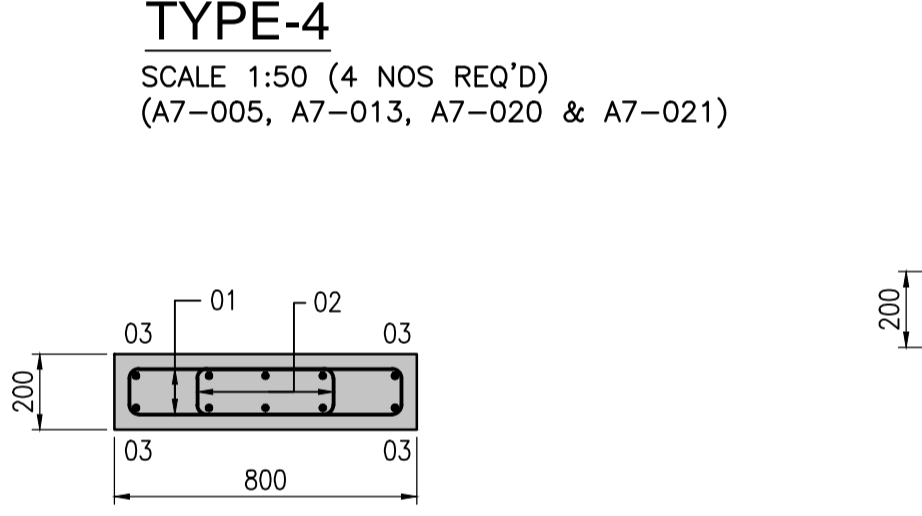
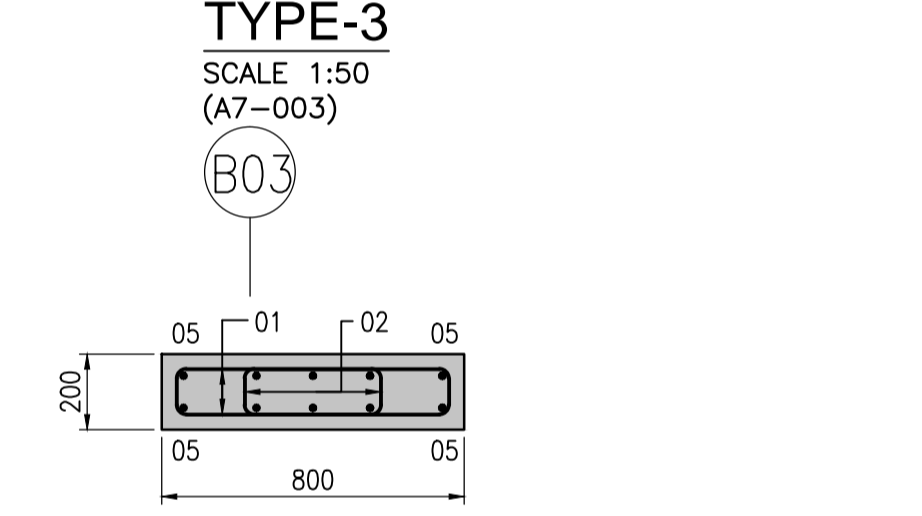
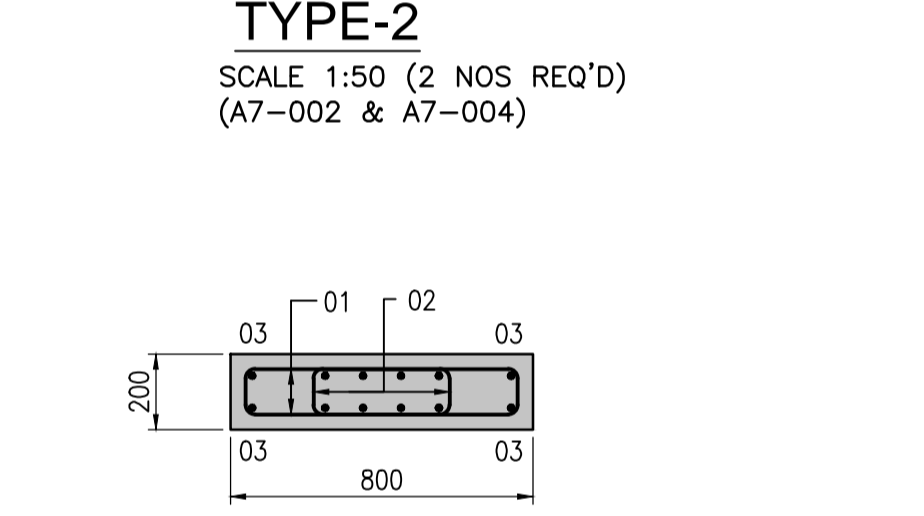
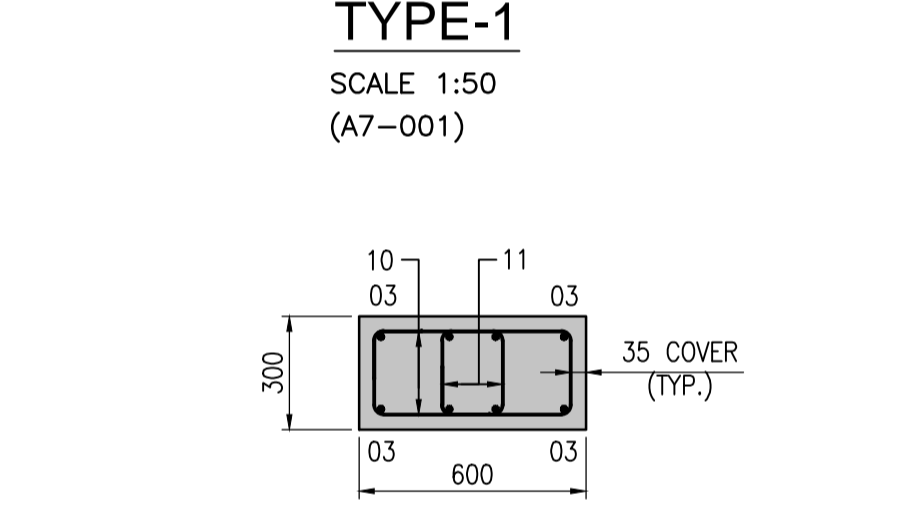
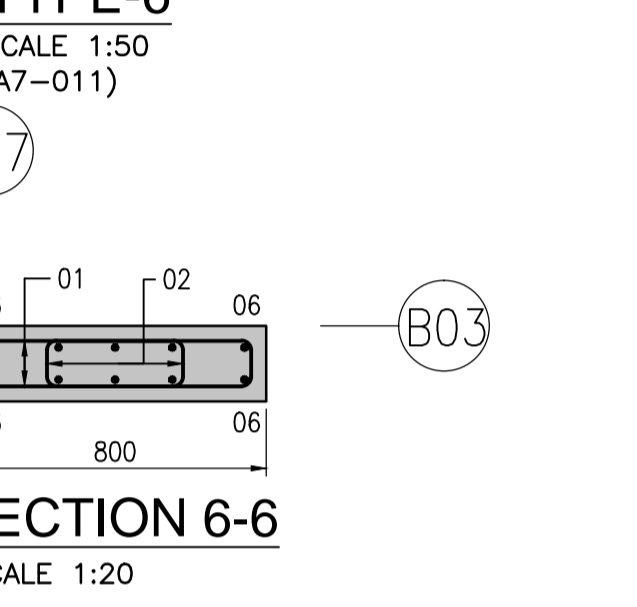
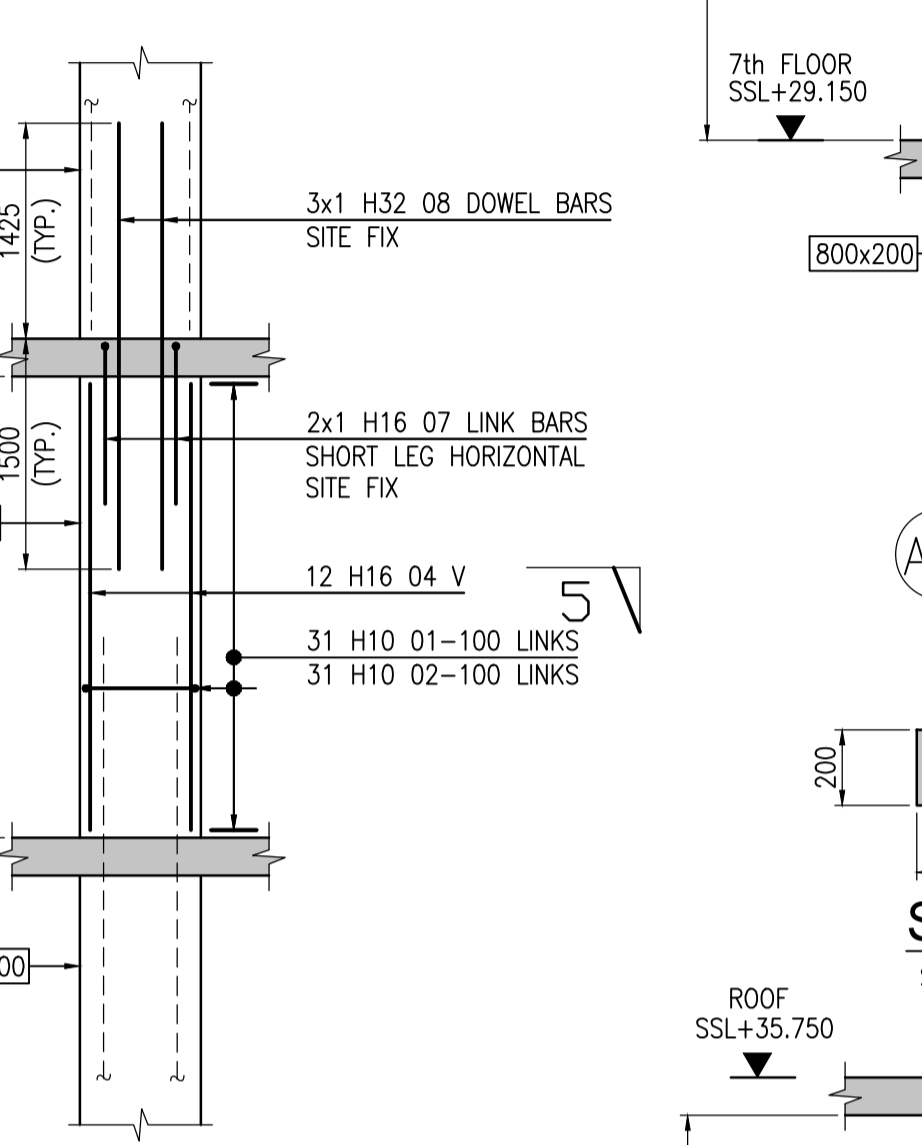
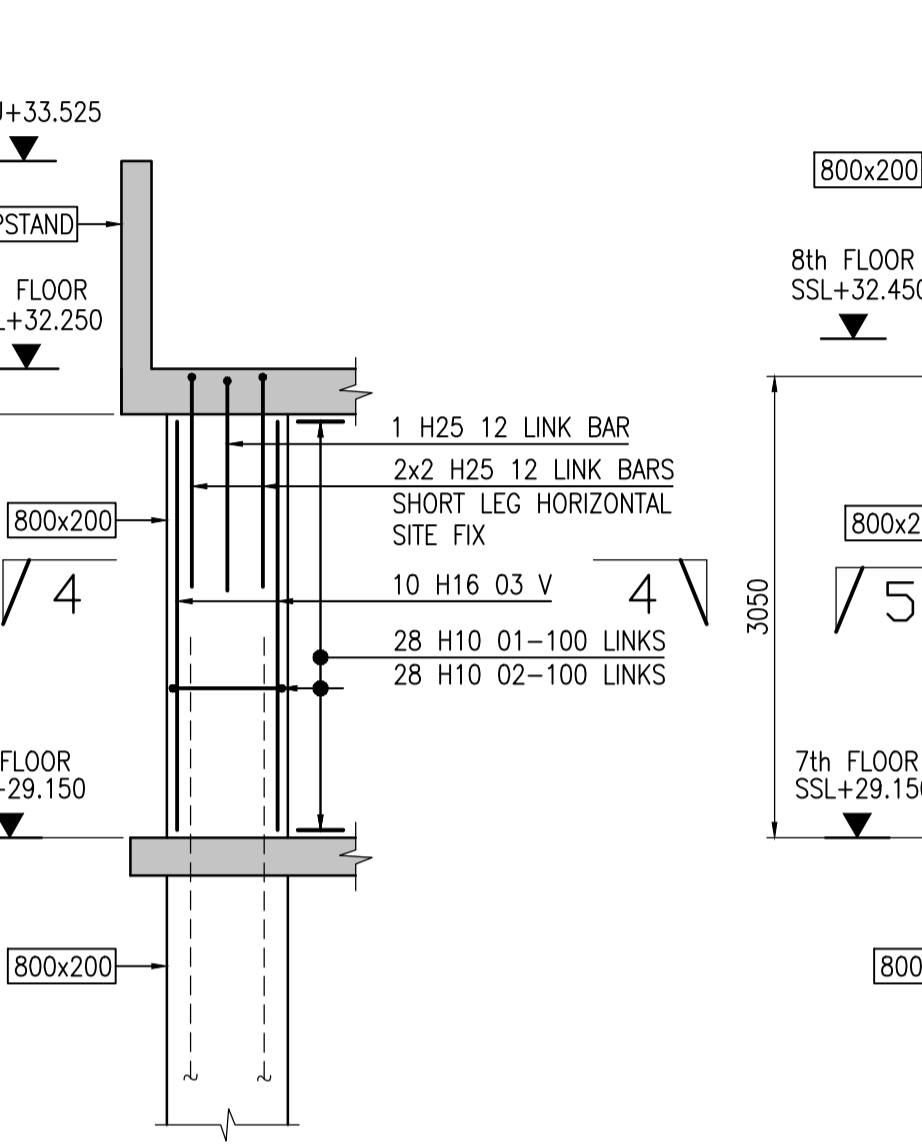
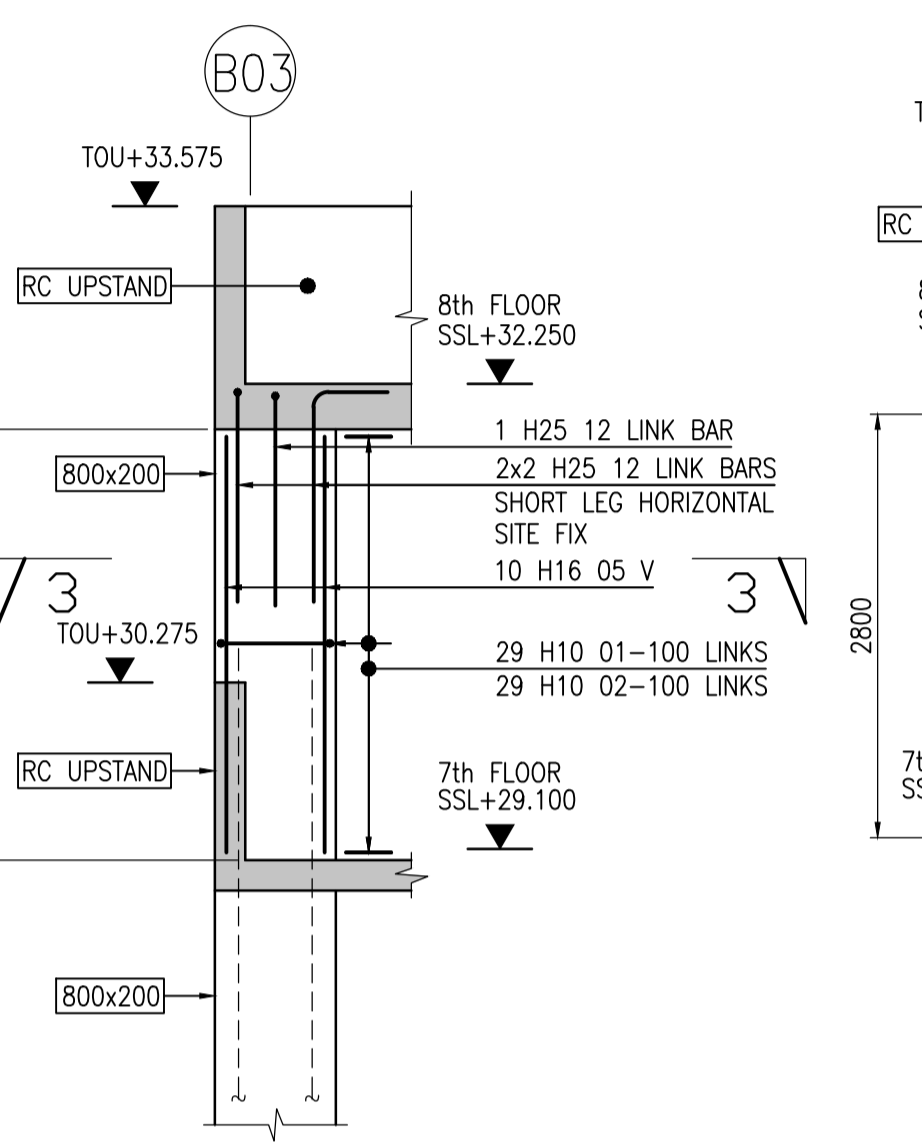
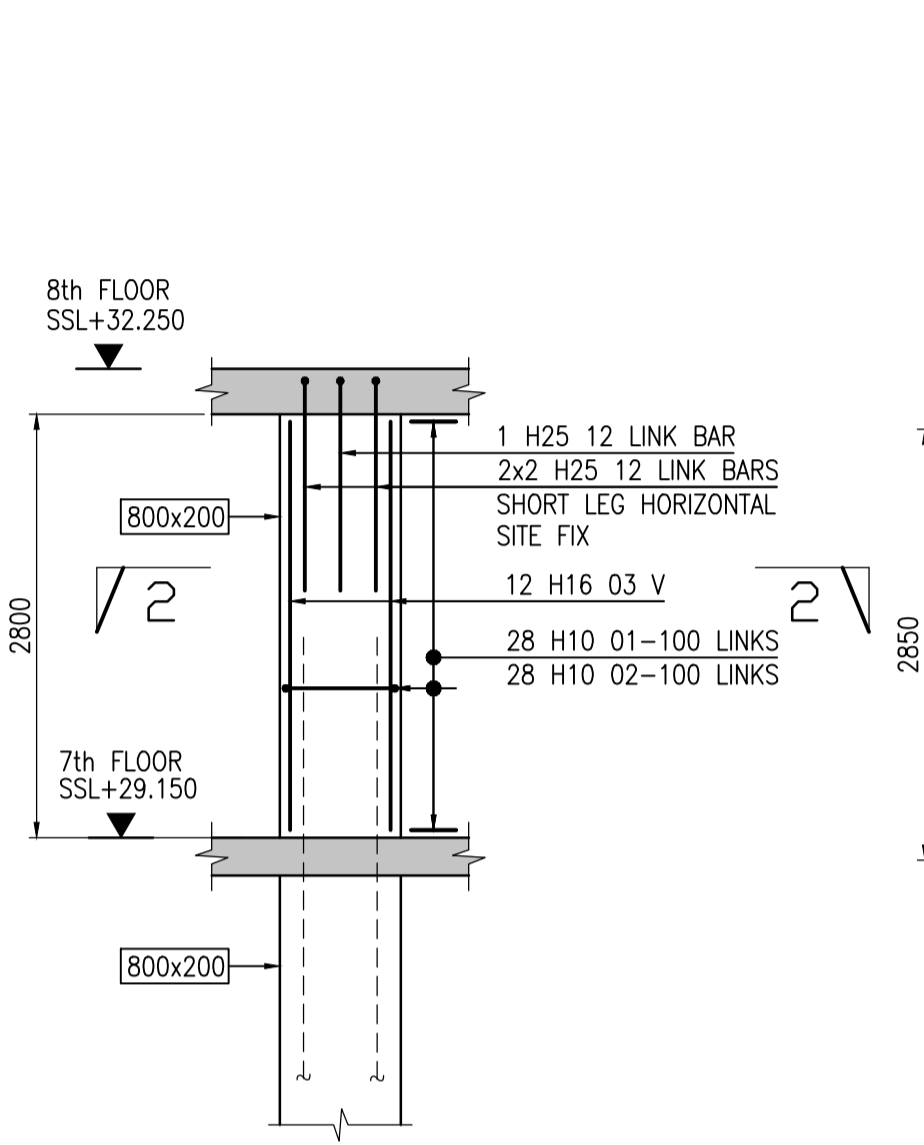
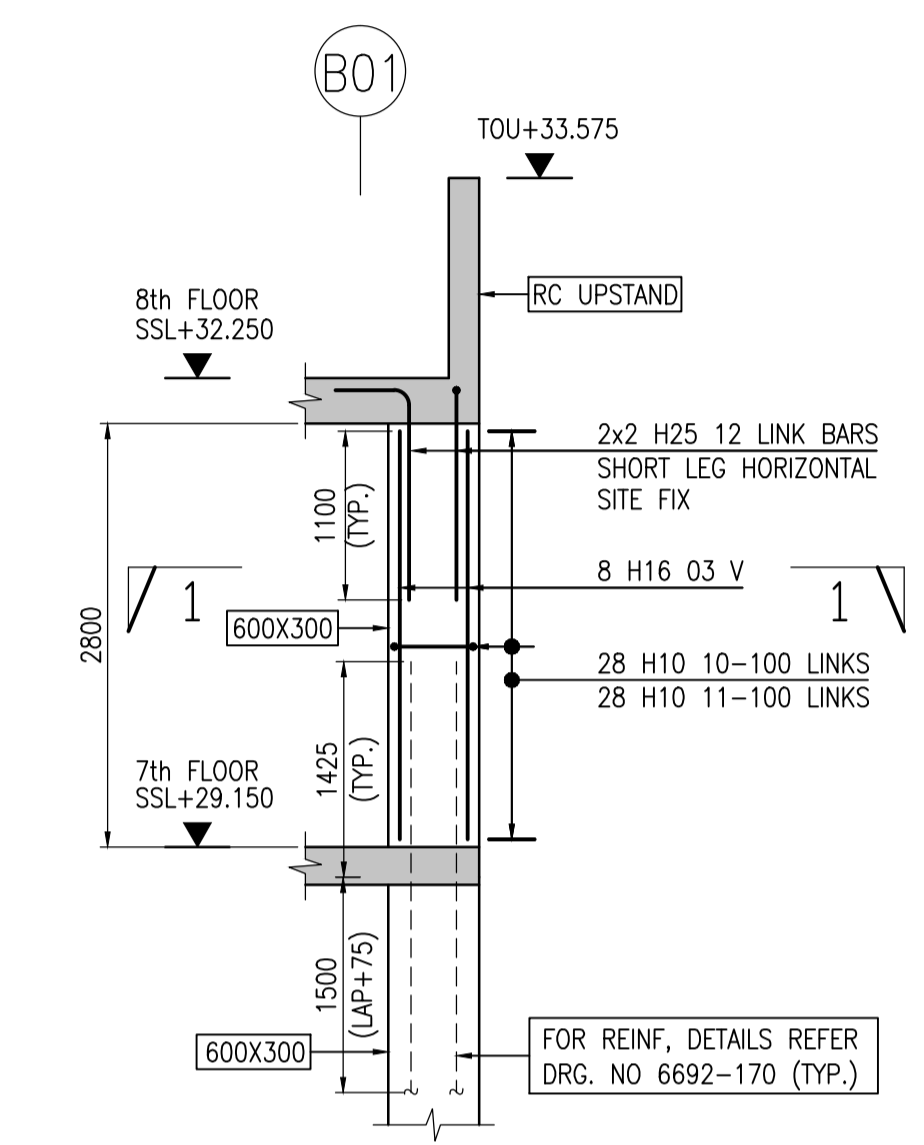
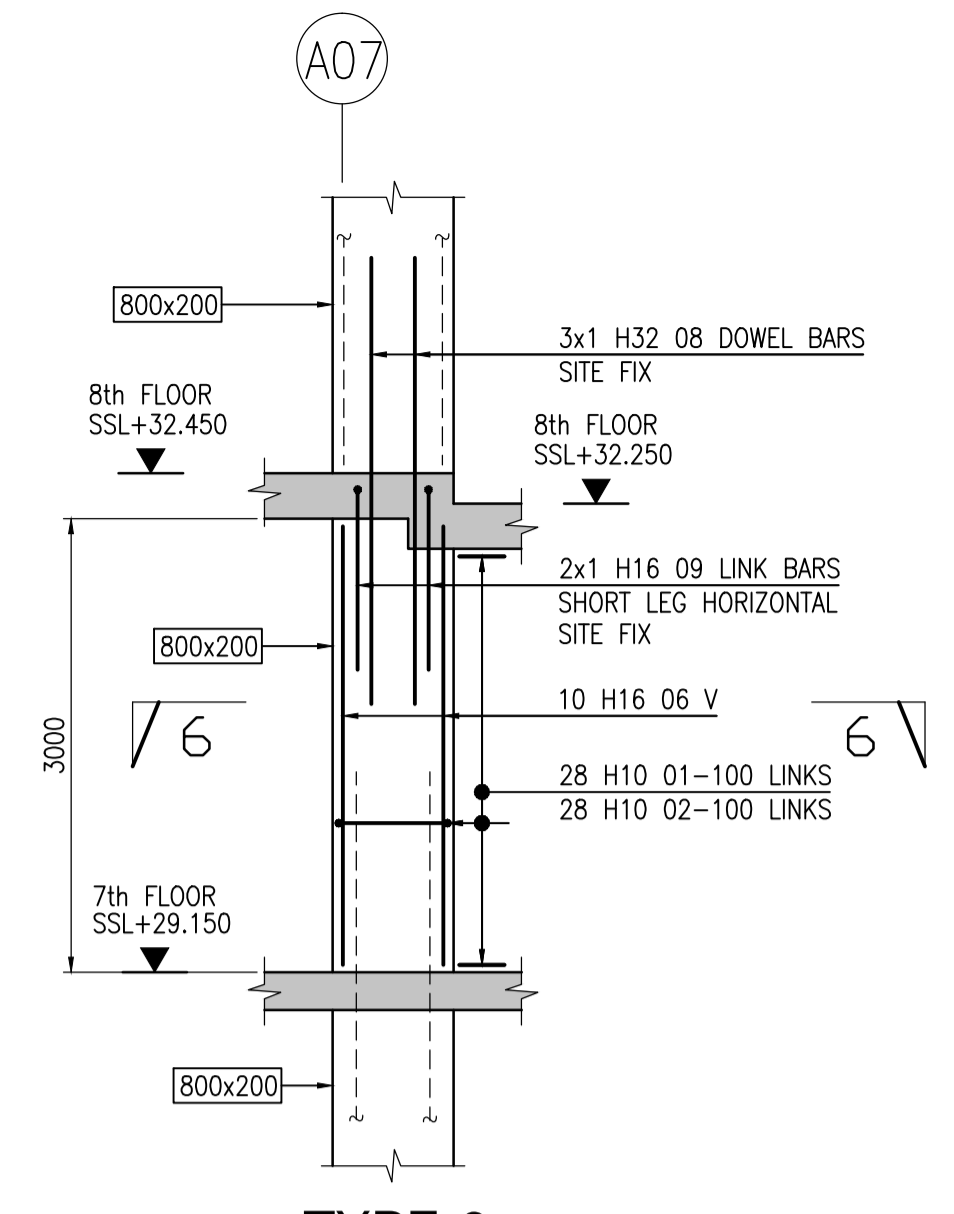
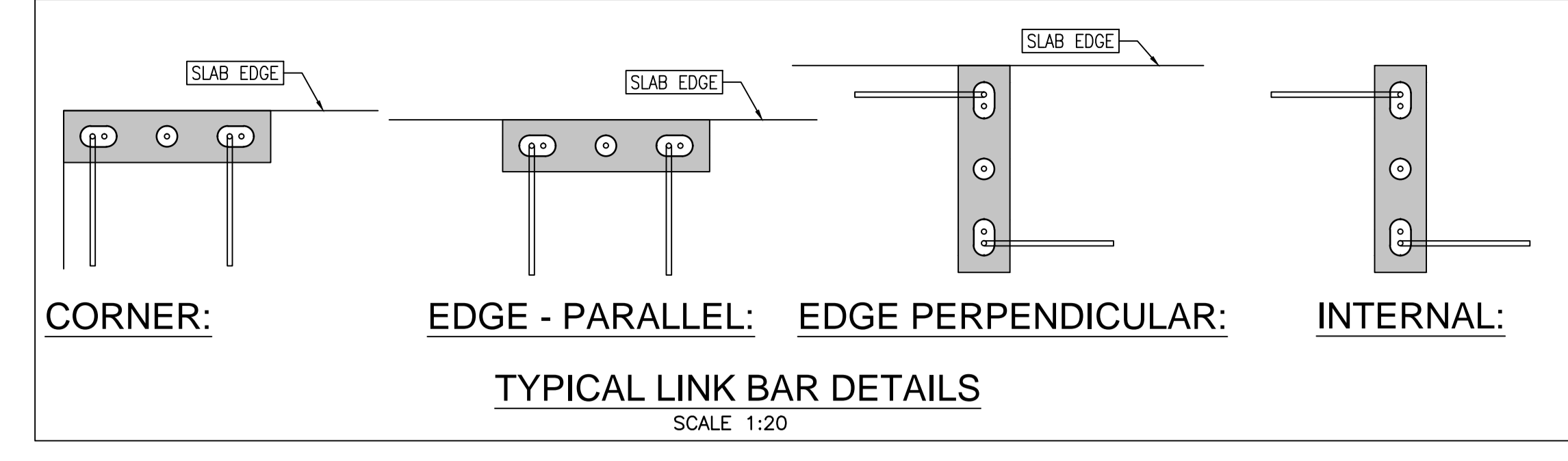
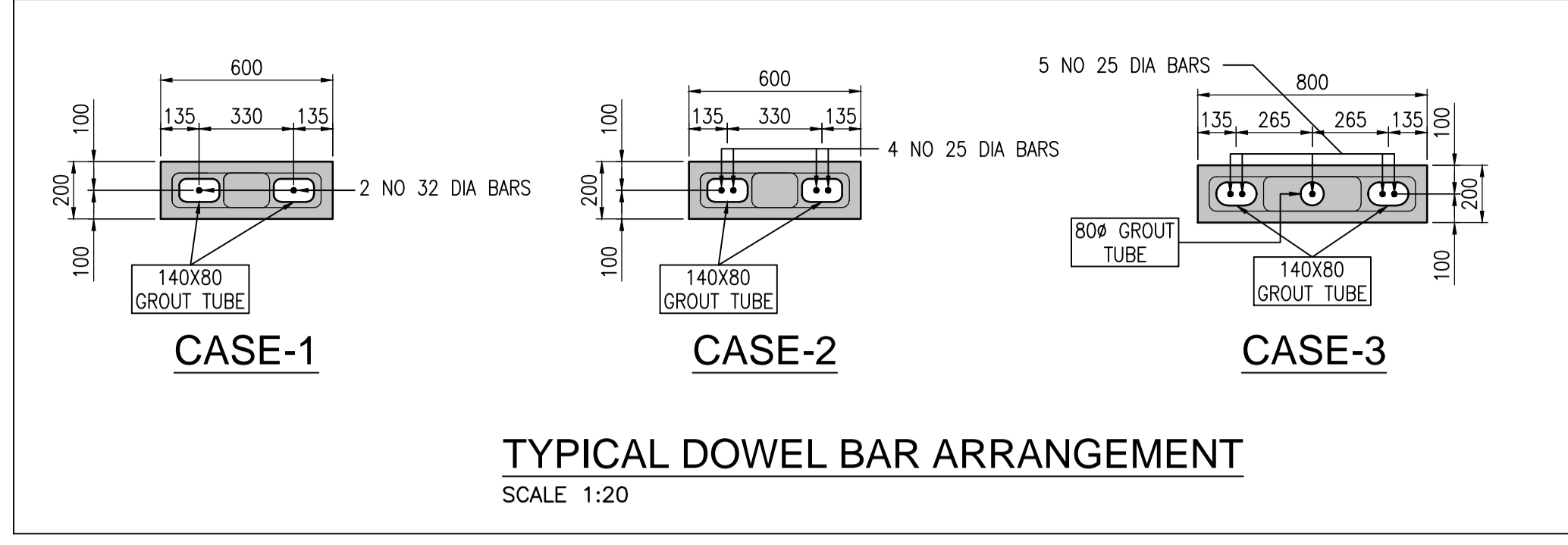


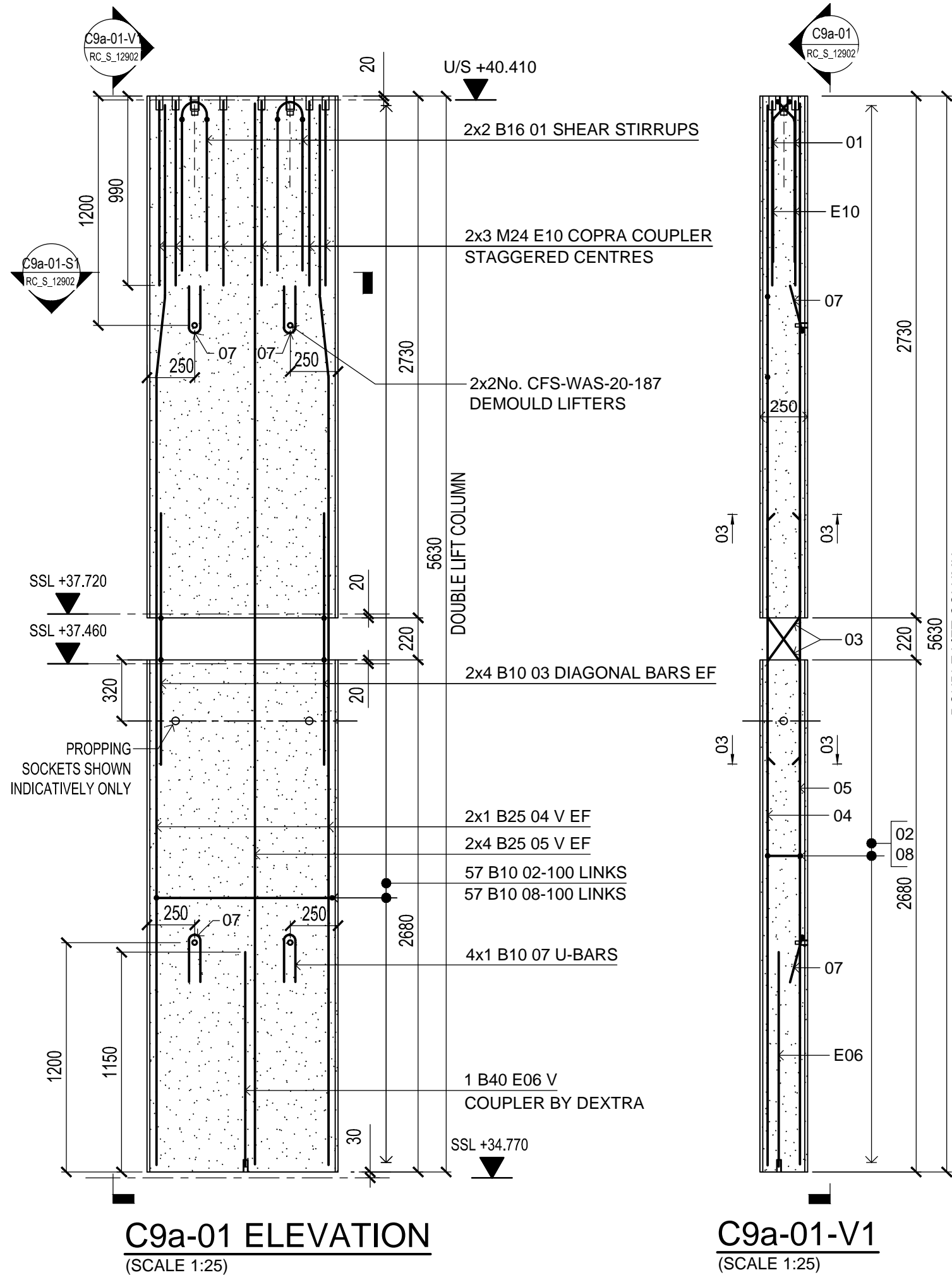
KEY PLAN
NTS

Drawing title
**MAIN CROSSING SOUTH ABUTMENT
RC DETAILS OF FRONT WALL
(SHEET 1 OF 2)**

A1 - DO NOT SCALE

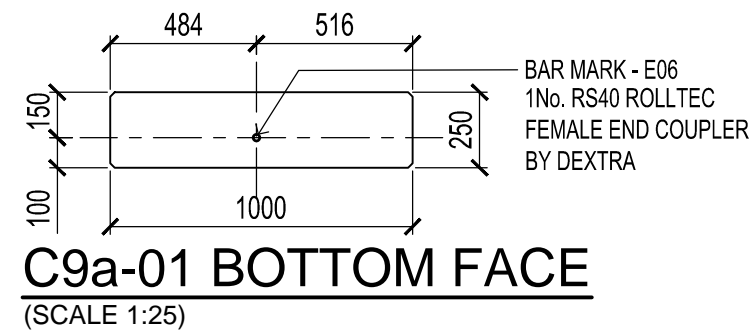
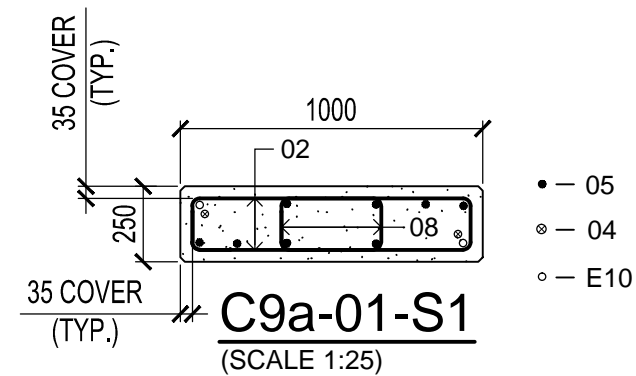
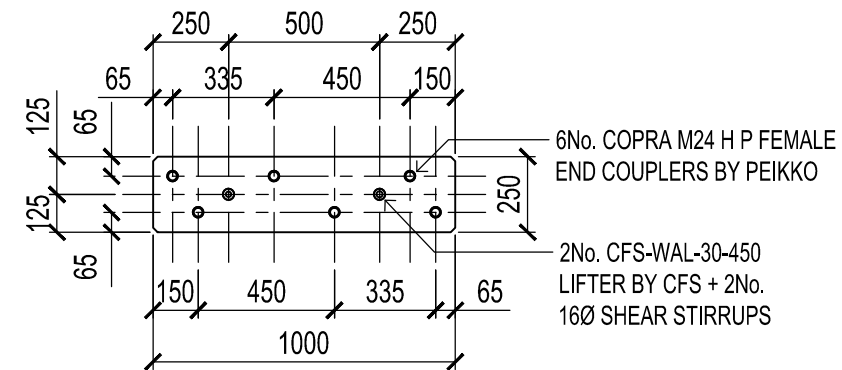
This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of the Map(s). Ordnance Survey (©) Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Scottish Government 10002040 2009



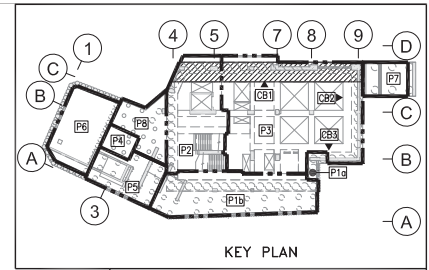


LEVEL 01 - TYPE C9a-01 SCHEDULE			
COLUMN TYPE	SIZE (mm)	COLUMN REF.	LENGTH (mm)
C9	1000x250	C9a-01-28	5630

COLUMN WEIGHT 3600Kg

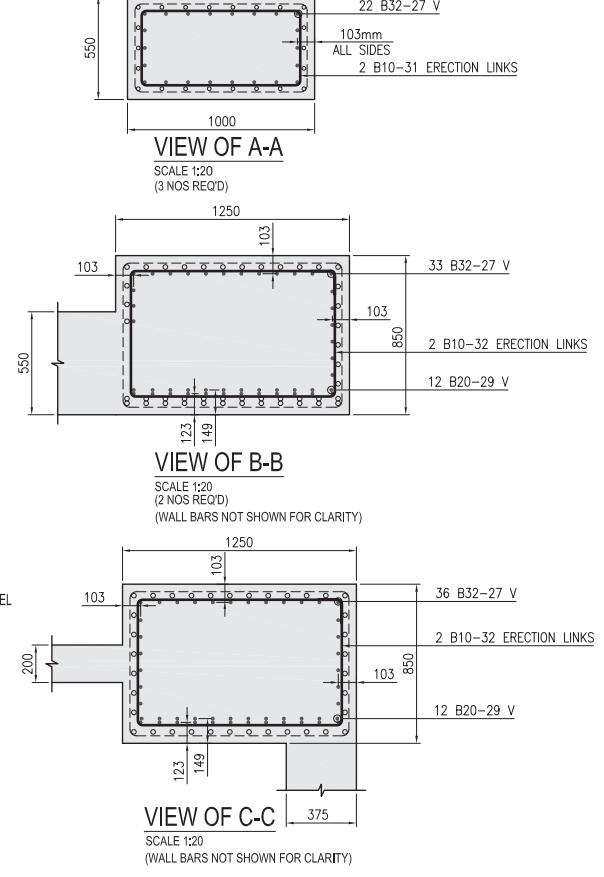
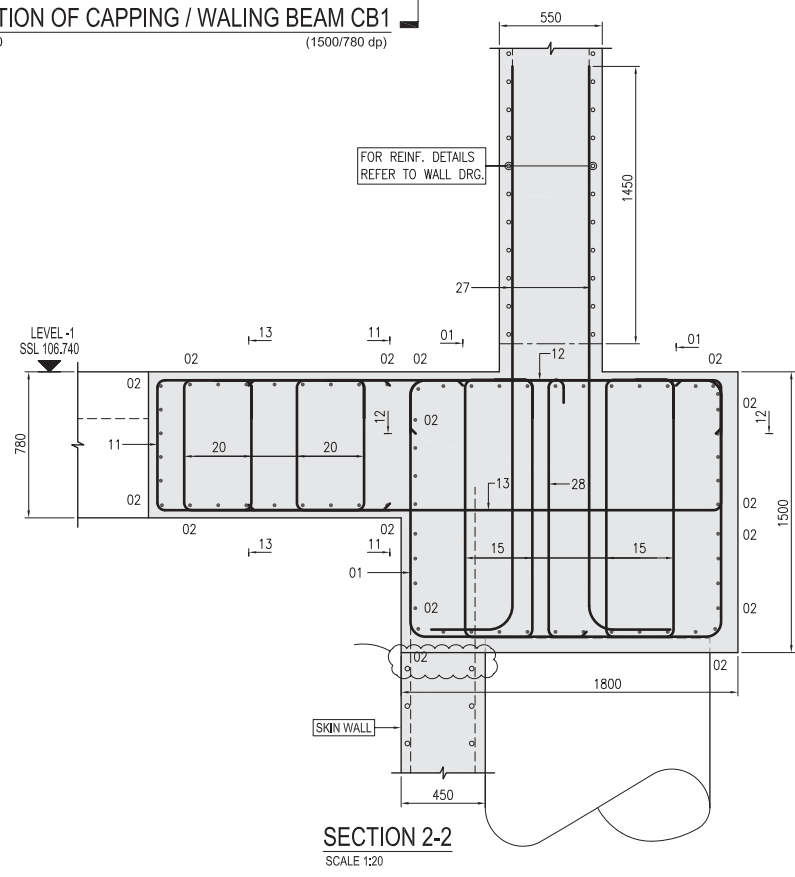
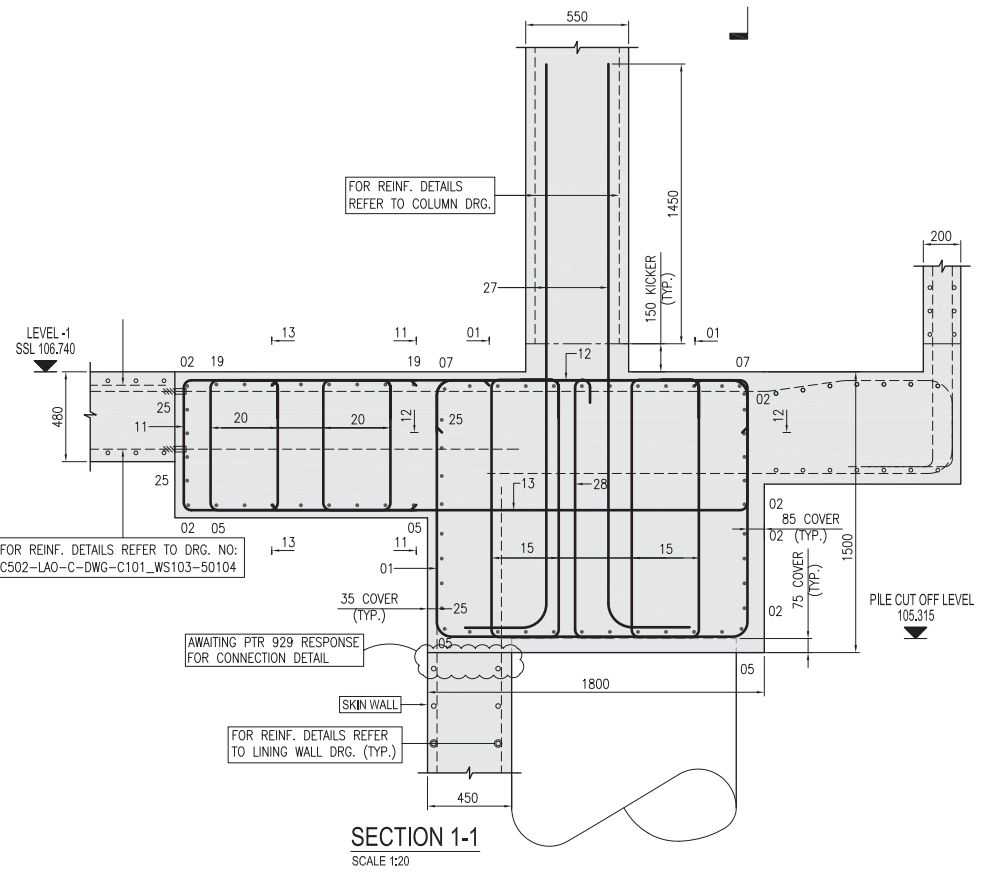
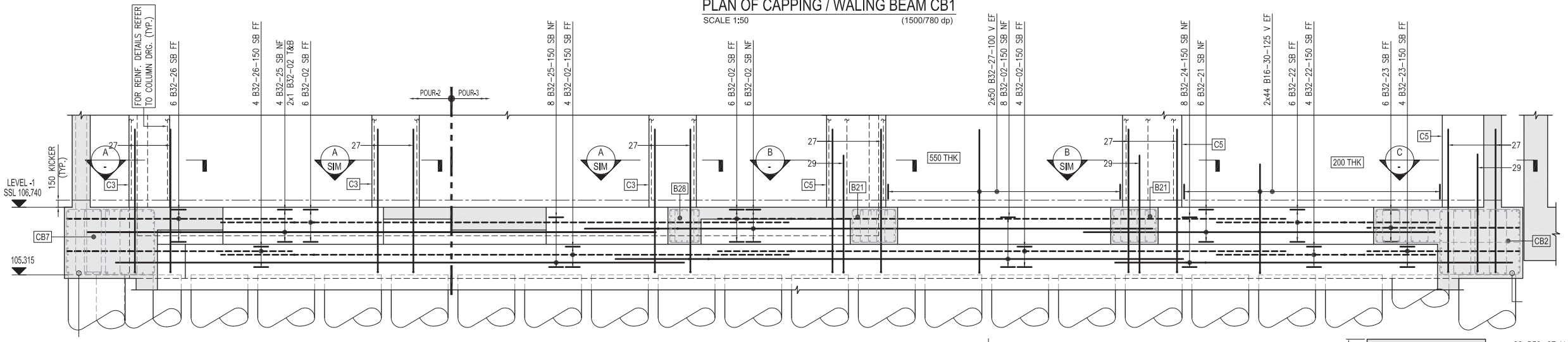
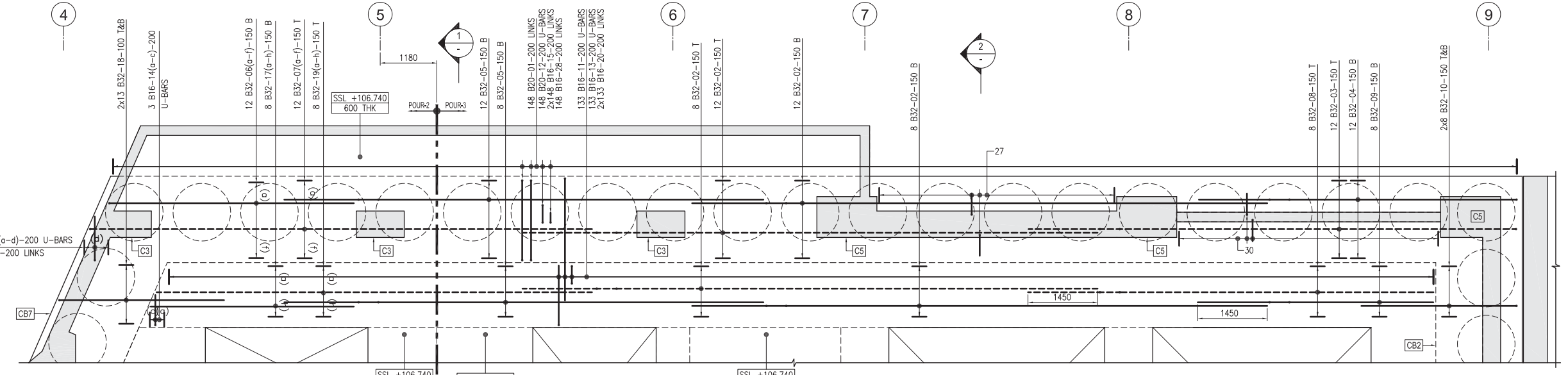


- MINIMAL TOLERANCE IN LOCATION OF COPRA AND SHOES ABOVE
- MINIMUM CONCRETE STRENGTH TO BE 25N/mm² WHEN DEMOULDING
- BASE STRUCTURE MUST BE PLACED FOR A MINIMUM OF 7 DAYS PRIOR TO COLUMNS ABOVE BEING CAST

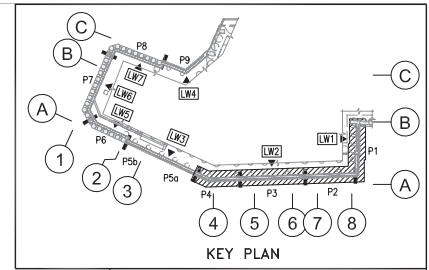


- NOTES:**
- 1) ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METRE UNO
 - 2) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE RELEVANT ENGINEER
 - 3) CONCRETE TO BE OF GRADE C40/50
 - 4) DEFORMED HIGH YIELD STEEL BARS SHALL BE 500 MPa
 - 5) CONCRETE COVER OF REINFORCEMENT TO BE:-
Onom INTERNAL FACE 35mm & EXTERNAL FACE 85mm
- 7) LAP LENGTH FOR REINFORCEMENT (LNO)
 B12 = 550mm, B16 = 725mm, B20 = 900mm,
 B25 = 1125mm, B32 = 1450mm, B40 = 1800mm
- LEGEND:**
- 3X10 B32-01-100
- V = VERTICAL
 H = HORIZONTAL
 NF = NEAR FACE
 FF = FAR FACE
 EF = EACH FACE
 SB = SIDE BARS
 SSL = STRUCTURAL SLAB LEVEL
 BOC = BOTTOM OF CONCRETE
 TOB = TOP OF BEAM
 CJ = CONSTRUCTION JOINT

REBAR TONNAGE (INCLUDING COUPLER BAR)	28.933 T
---	----------



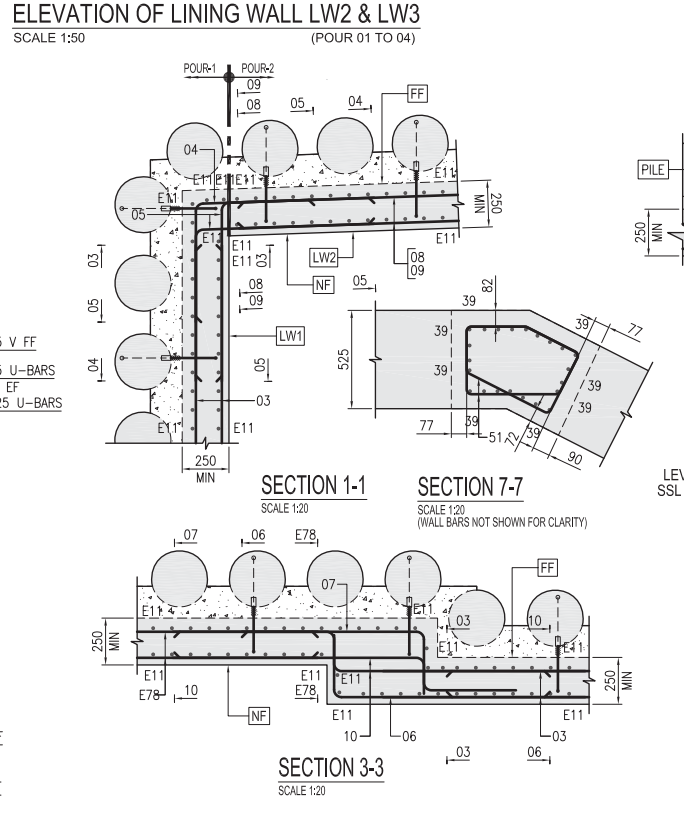
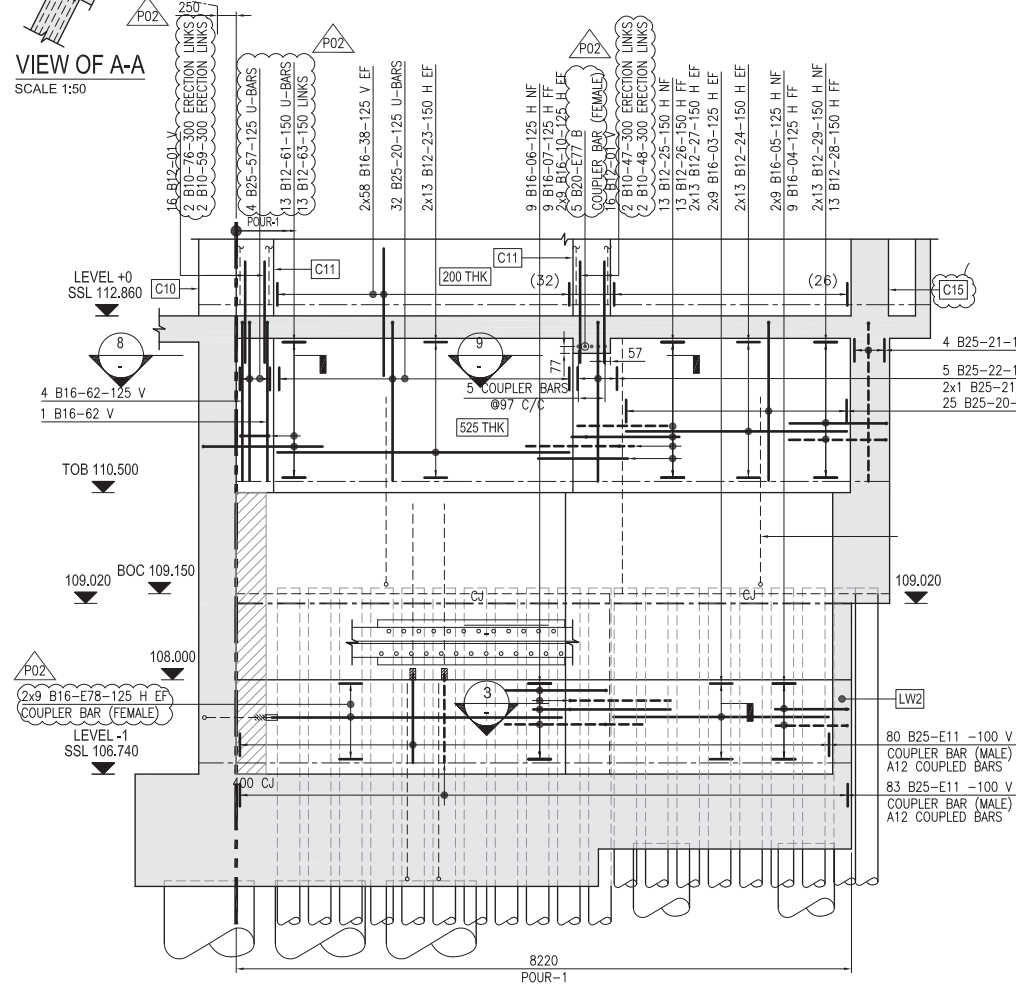
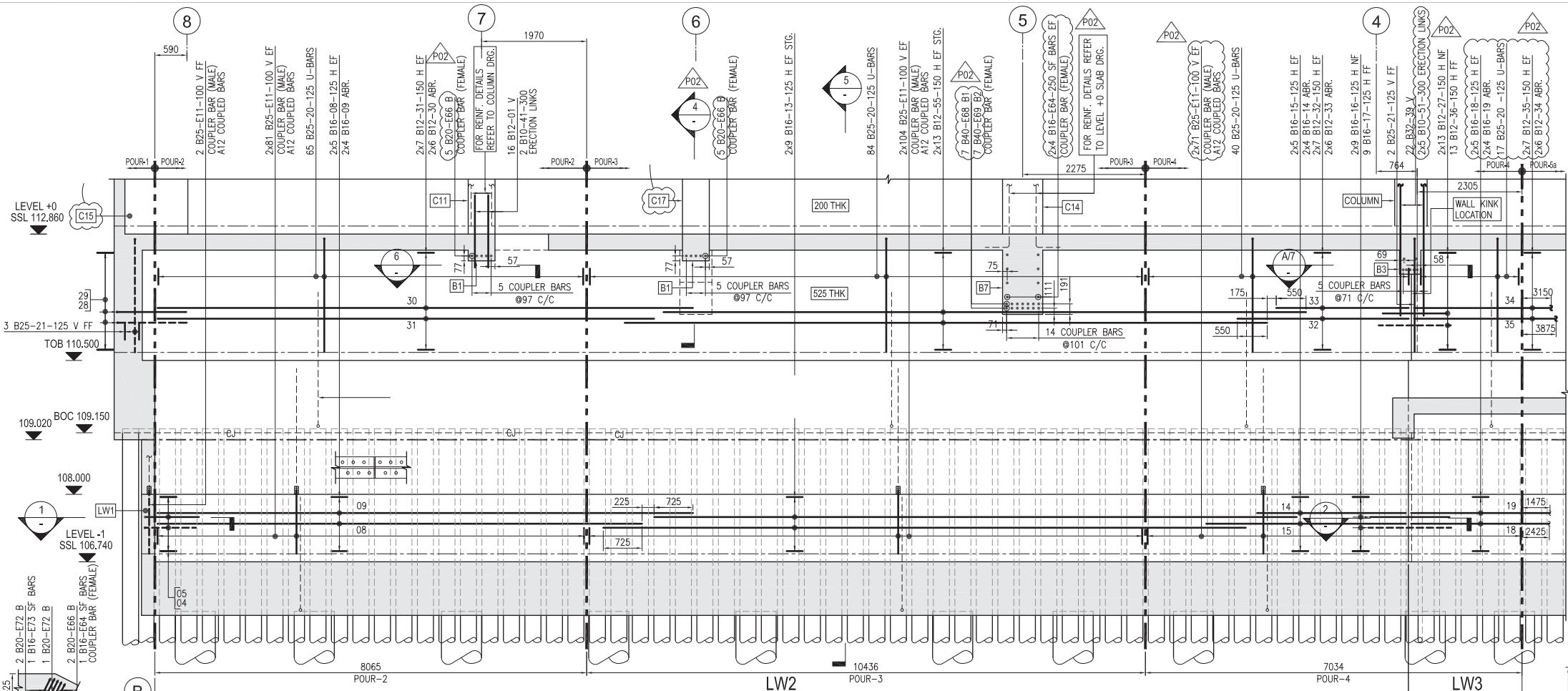
RC DETAILS OF CAPPING BEAMS TO 1200 DIA PILES (SHEET 01)



- NOTES:**
- 1) ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METRE UNDO
 - 2) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE RELEVANT ENGINEER
 - 3) CONCRETE TO BE OF GRADE C40/50
 - 4) DEFORMED HIGH YIELD STEEL BARS SHALL BE 500 MPa
 - 5) CONCRETE COVER OF REINFORCEMENT TO BE:-
Crom INTERNAL FACE 35mm & EXTERNAL FACE 55mm

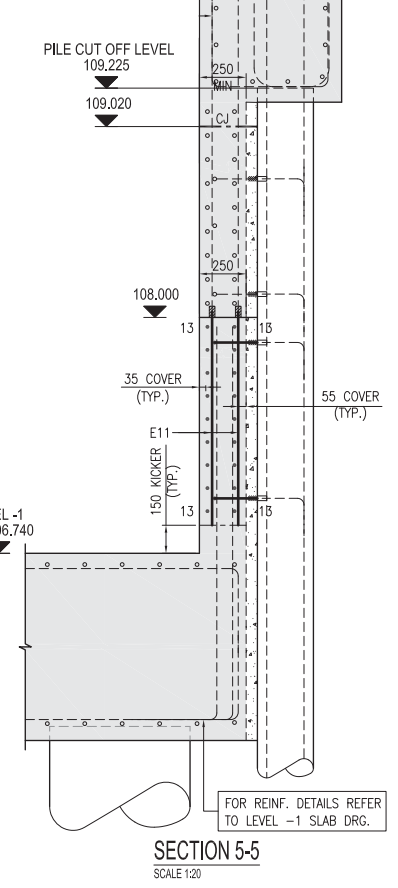
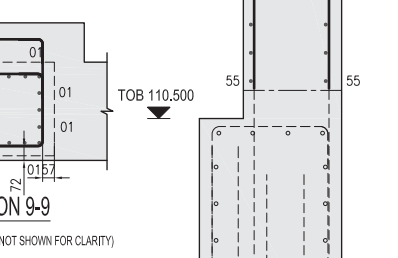
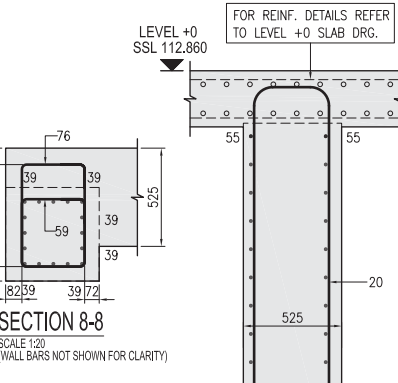
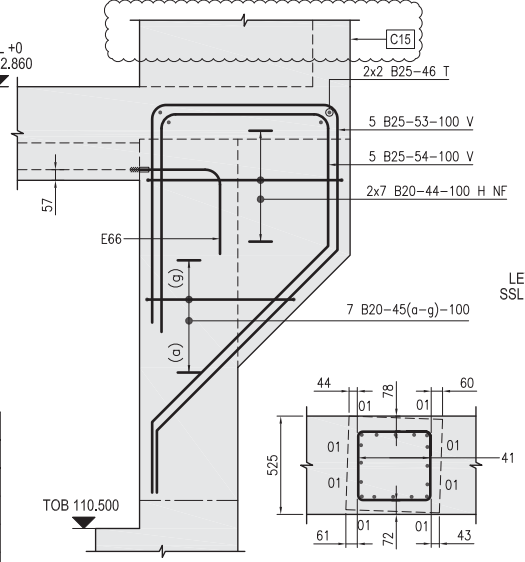
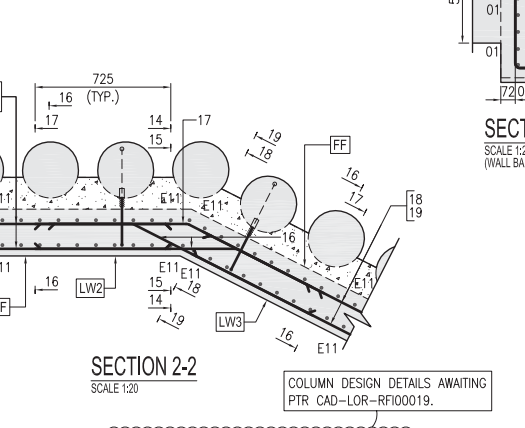
- 7) LAP LENGTH FOR REINFORCEMENT (LNO)
 B12 = 550mm, B16 = 725mm, B20 = 900mm,
 B25 = 1125mm, B32 = 1450mm, B40 = 1800mm
- LEGEND:**
 3x10 B32-01-100
 V = VERTICAL
 H = HORIZONTAL
 NF = NEAR FACE
 FF = FAR FACE
 EF = EACH FACE
 SB = SIDE BARS
 MULTIPLES
 SSL = STRUCTURAL SLAB LEVEL BOC = BOTTOM OF CONCRETE
 TOB = TOP OF BEAM CJ = CONSTRUCTION JOINT

REBAR TONNAGE
 (INCLUDING COUPLER BAR) **11.447 T**

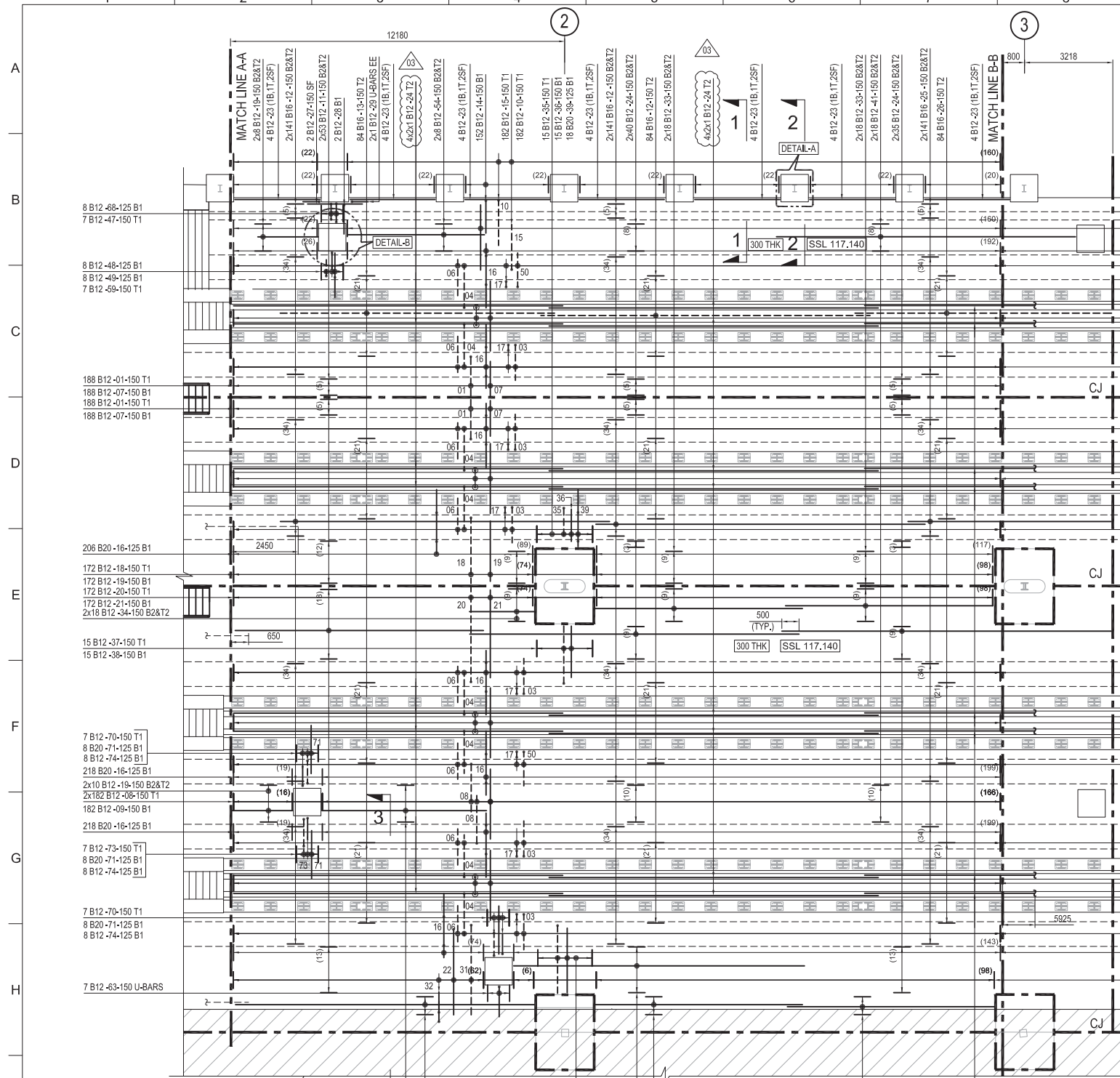


PILE CAGE COUPLER TABLE

PILE CAGE TYPE	NO OF PILE	REINFORCEMENT
TYPE A1 (POUR-2)	10	10x2 B12-E12 COUPLER BAR (MALE)
TYPE A1 (POUR-3)	13	13x2 B12-E12 COUPLER BAR (MALE)
TYPE A1 (POUR-4)	9	9x2 B12-E12 COUPLER BAR (MALE)
TYPE A3 (POUR-1)	10	10x2 B12-E12 COUPLER BAR (MALE)



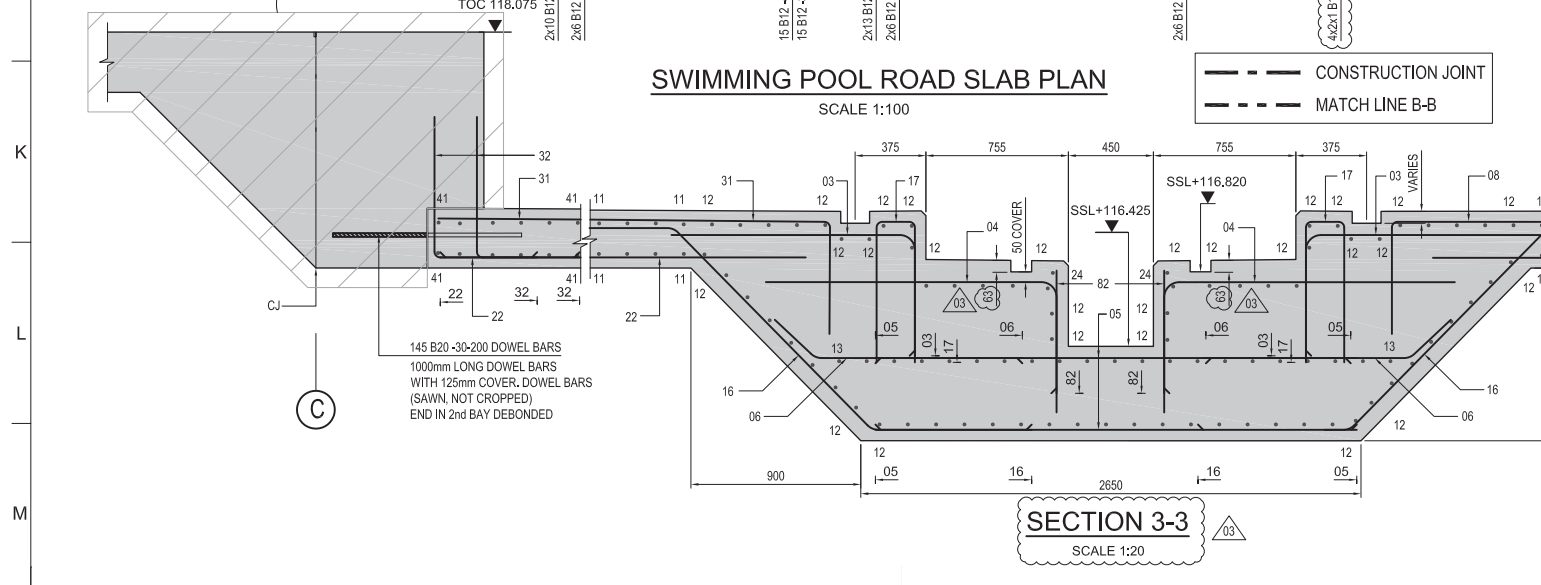
RC DETAILS OF LINING WALL TO 300 DIA PILES (SHEET 01)



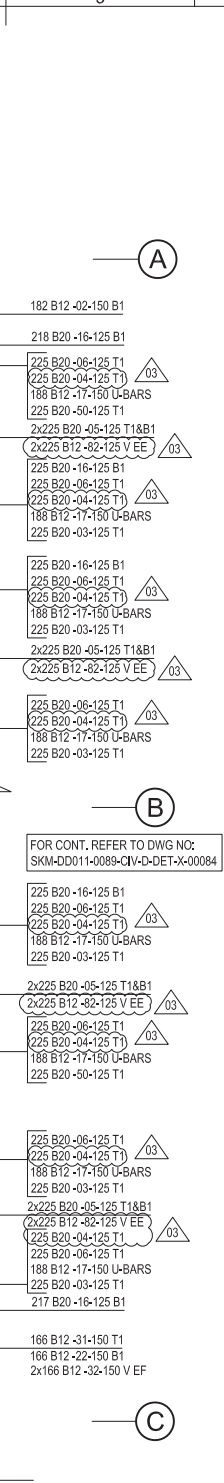
HATCHED AREA INDICATES AREA WHERE OUTSTANDING REQUESTED INFORMATION IS CURRENTLY PREVENTING DESIGN COMPLETION
TOC 118.075

SWIMMING POOL ROAD SLAB PLAN
SCALE 1:100

--- CONSTRUCTION JOINT
- - - MATCH LINE B-B

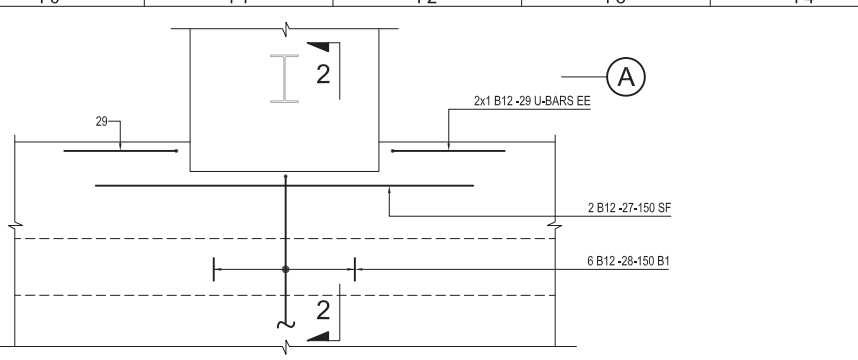


SECTION 3-3
SCALE 1:20

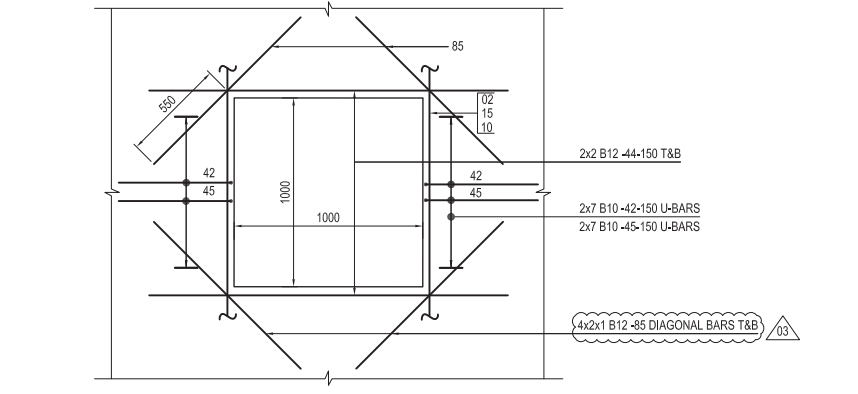


FOR CONT. REFER TO DWG NO: SKM-DD011-0089-CIV-D-DET-X-00084

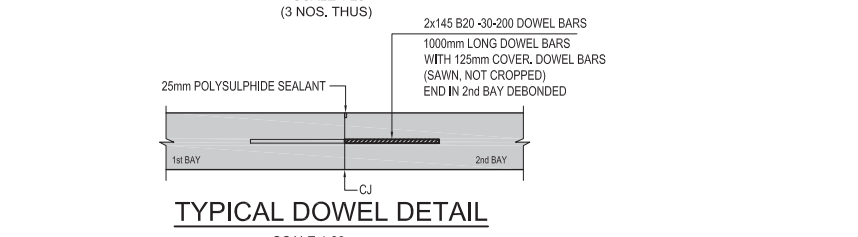
- 225 B20-06-125 T1
- 225 B20-04-125 T1
- 188 B12-17-150 U-BARS
- 225 B20-03-125 T1
- 2x225 B20-05-125 T1&B1
- 2x225 B12-32-125 V EE
- 225 B20-06-125 T1
- 225 B20-04-125 T1
- 188 B12-17-150 U-BARS
- 225 B20-03-125 T1
- 2x225 B20-05-125 T1&B1
- 2x225 B12-32-125 V EE
- 225 B20-06-125 T1
- 225 B20-04-125 T1
- 188 B12-17-150 U-BARS
- 225 B20-03-125 T1
- 217 B20-16-125 B1
- 166 B12-31-150 T1
- 166 B12-22-150 B1
- 2x166 B12-32-150 V EF



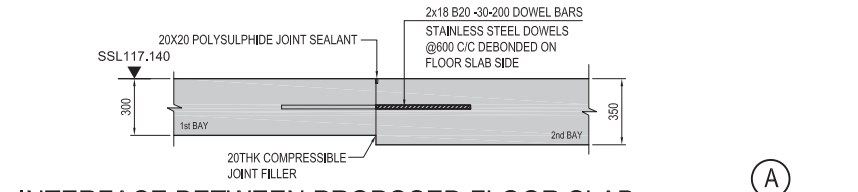
DETAIL-A
SCALE 1:20
(5 NOS. THUS)



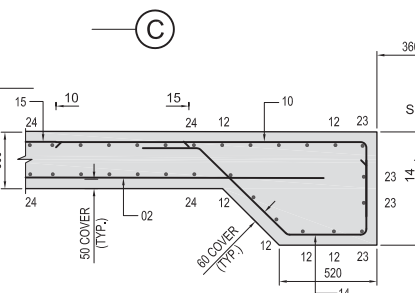
DETAIL-B
SCALE 1:20
(3 NOS. THUS)



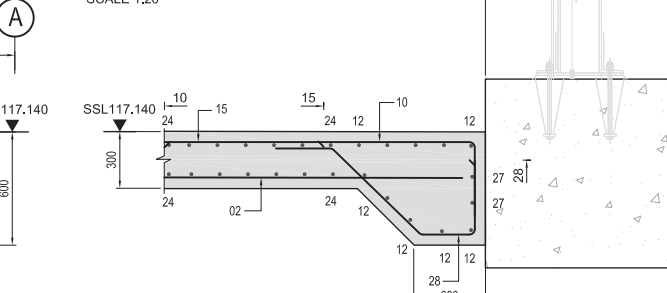
TYPICAL DOWEL DETAIL
SCALE 1:20



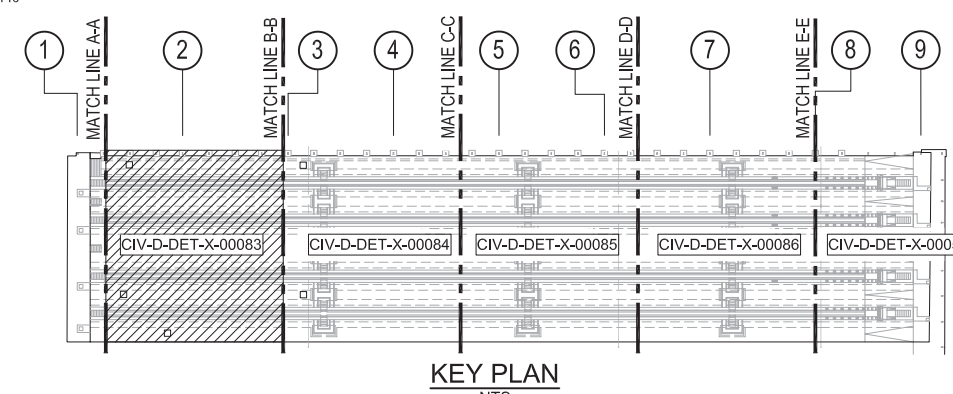
INTERFACE BETWEEN PROPOSED FLOOR SLAB AND COLUMN SUPPORT TRANSITION SLAB
SCALE 1:20



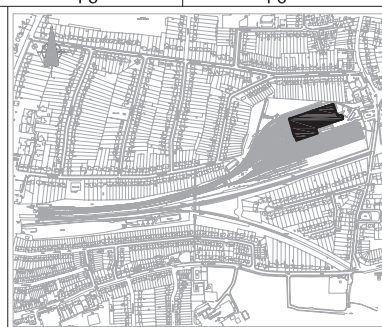
SECTION 1-1
SCALE 1:20



SECTION 2-2
SCALE 1:20



KEY PLAN
NTS



KEY PLAN

ADDRESS: UPMINSTER DEPOT, FRONT LANE, ESSEX, RM141XL
OS REF: TQ557139 & TQ187086

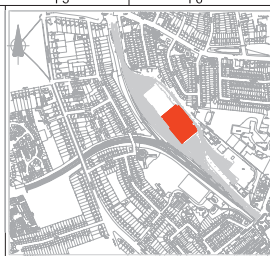
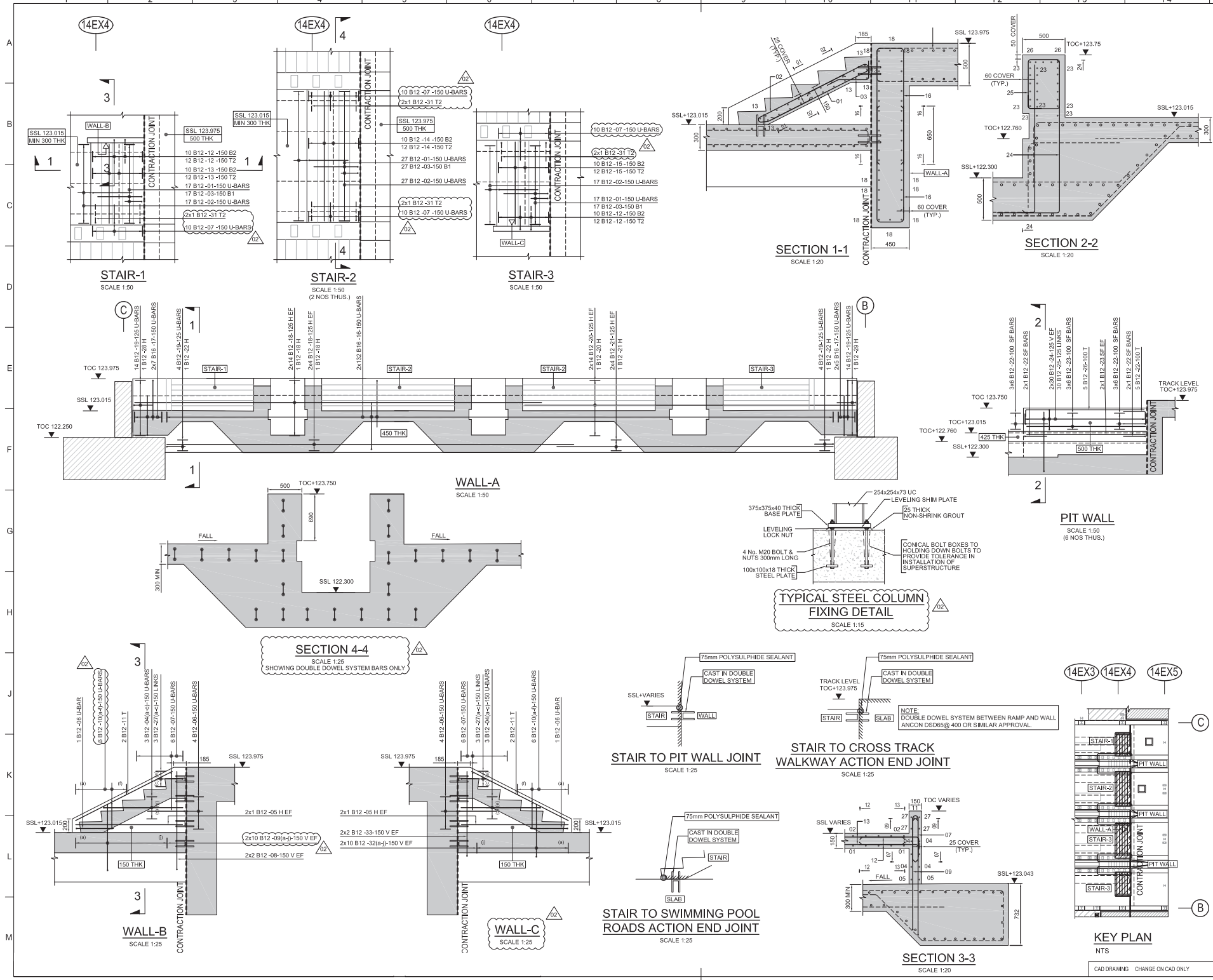
NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRE (mm) EXCEPT FOR LEVELS WHICH ARE IN METRE (m)
- CONCRETE GRADES C32/40 IN ACCORDANCE WITH THE SPECIFICATION
- CONCRETE DESIGN SULPHATE CLASS = DS-3, ACEC CLASS = AC-3
- SWIMMING POOLS SLABS TO BE CAST USING "CALTITE" WATERPROOF ADMIXTURE
- CONCRETE TOLERANCES AND FINISHES AS SPECIFICATION
- ALL SLAB PENETRATIONS FOR DUCTS ETC. TO BE FULLY SEALED AGAINST WATER INGRESS
- WORK TO FIGURED DIMENSIONS ONLY.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND THE SPECIFICATION.
- REINFORCEMENT COVER AS FOLLOWS:
BASE SLAB
TOP & BOTTOM - 50mm (Min)
SIDES - 60mm
- ALL BAR REINFORCEMENT SHALL BE GRADE B500 BARS TO BS 4449:2005. ALL REINFORCEMENT TO BE BENT IN ACCORDANCE WITH BS 8666:2005.
- MINIMUM LAP VALUE FOR REINFORCEMENT SHOULD BE 40 BAR DIA:
B32 - 1300mm
B25 - 1000mm
B20 - 800mm
B16 - 650mm
B12 - 500mm
B10 - 400mm
- ABBREVIATION
T : TOP
B : BOTTOM
H : HORIZONTAL
EF : EACH FACE
IF : INNER FACE
OF : OUTER FACE
SSL : STRUCTURAL SLAB LEVEL
TOC : TOP OF CONCRETE

STANDARD BAR NOTATION

MULTIPLIES	NO. OF BARS	TYPE OF STEEL	DIAMETER	BAR MARK	SPACING	LOCATION
3	10	B	25	01	100	EF

A1 MICROFILM REF. 100000012345678910



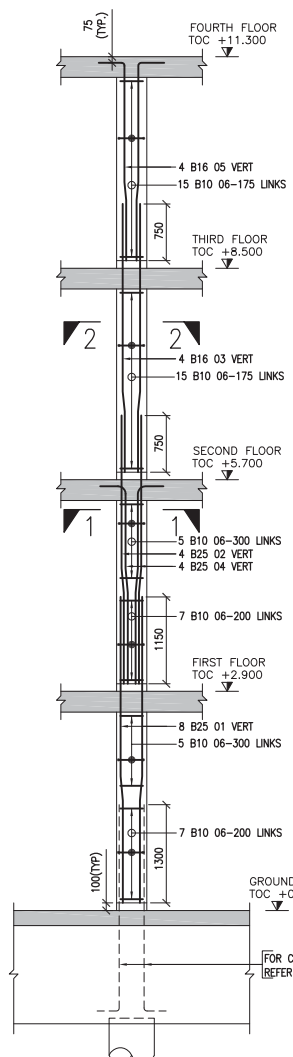
KEY PLAN
 ADDRESS: EALING COMMON DEPOT, GRANVILLE GARDENS,
 LONDON, W5 3PA
 OS REF: TQ1918 & TQ80027

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRE (mm) EXCEPT FOR LEVELS WHICH ARE IN METRE (m)
 - CONCRETE GRADES C32/40 IN ACCORDANCE WITH THE SPECIFICATION
 - CONCRETE DESIGN SULPHATE CLASS = DS-3, AEC3 CLASS = AC-3
 - CONCRETE TOLERANCES AND FINISHES AS SPECIFICATION
 - ALL SLAB PENETRATIONS FOR DUCTS ETC. TO BE FULLY SEALED AGAINST WATER INGRESS
 - WORK TO FIGURED DIMENSIONS ONLY.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND THE SPECIFICATION.
 - REINFORCEMENT COVER AS FOLLOWS:
 WALL
 TOP & BOTTOM - 50mm
 SIDES - 40mm
 STAIRS
 STEELBARS - 25mm
 - ALL BAR REINFORCEMENT SHALL BE GRADE B500 BARS TO BS 4483:2005, ALL REINFORCEMENT TO BE BENT IN ACCORDANCE WITH BS 8663:2005.
 - MINIMUM LAP VALUE FOR REINFORCEMENT SHOULD BE 60 BAR DIA:
 B32 - 1300mm
 B25 - 1000mm
 B20 - 800mm
 B16 - 600mm
 B12 - 500mm
 B10 - 400mm
 - ABBREVIATION
 T : TOP
 B : BOTTOM
 T1 : TOP FIRST LAYER
 T2 : TOP SECOND LAYER
 B1 : BOTTOM FIRST LAYER
 B2 : BOTTOM SECOND LAYER
 V : VERTICAL
 EF : EACH FACE
 SSL : STRUCTURAL SLAB LEVEL
 TOC : TOP OF CONCRETE
 SF : SIDE FACE
 - STANDARD BAR NOTATION

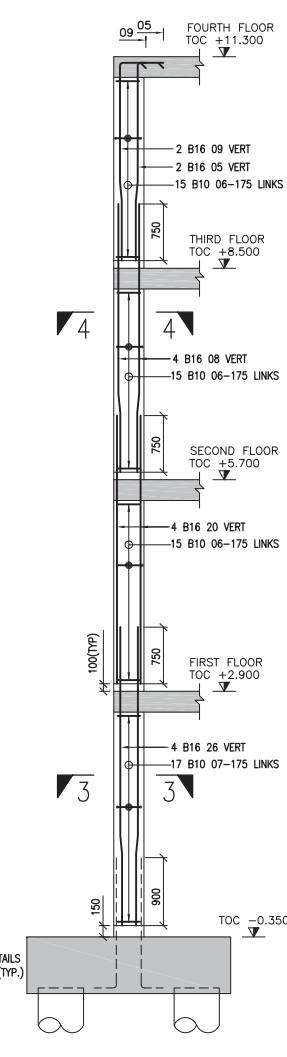
MULTIPLIES	NO. OF BARS	BAR SYMBOL	BAR DIAMETER	SPACING	LOCATION
3	10	B	12	25	01
 - FOR ADO DRAINAGE CHANNEL RECESS 135mm WIDTH AND DEPTH VARIES FROM 150 TO 200mm. REINFORCEMENT TO BE LOCALLY ADJUST TO SUITE CHANNEL DEPTH

A1 MICROFILM REF. 10 1 2 3 4 5 6 7 8 9 10

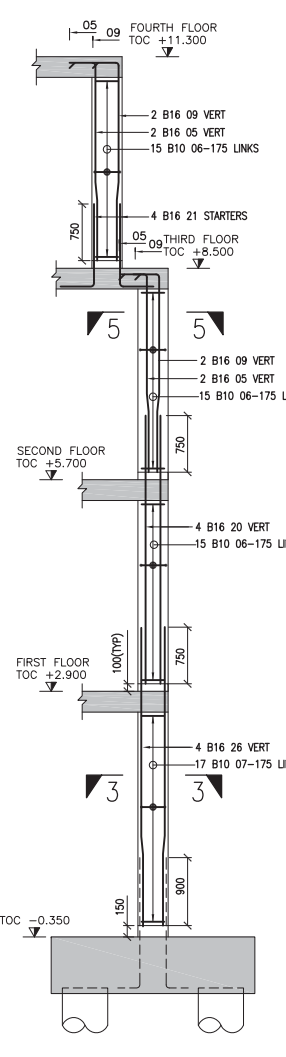
Pent Tab: S:\marks



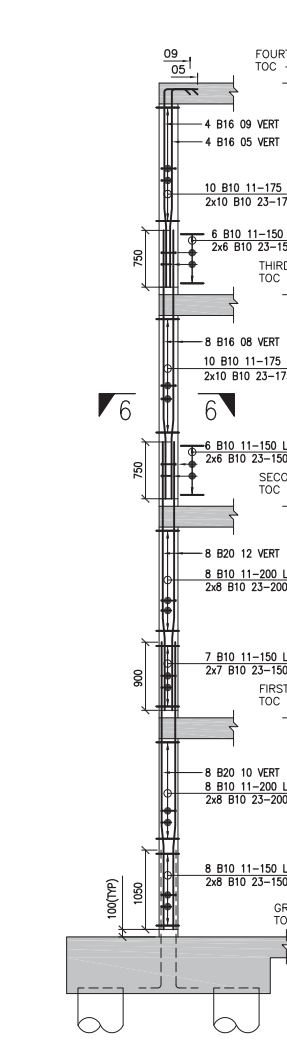
ELEVATION OF COLUMN A
SCALE 1:50
SIZE: 400X400



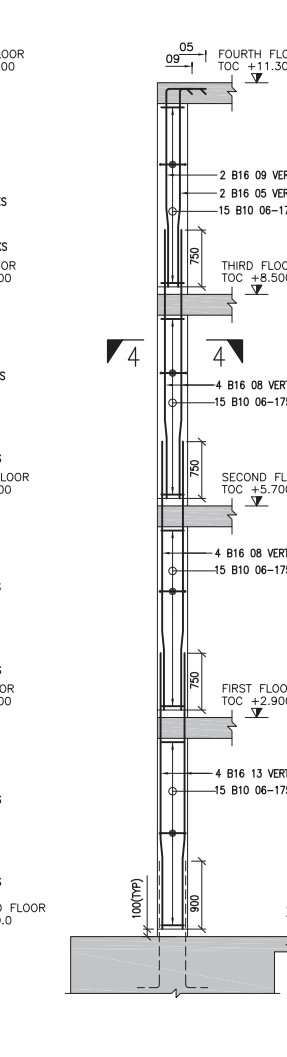
ELEVATION OF COLUMN B1
SCALE 1:50
SIZE: 400X400
(2 NO. THUS)



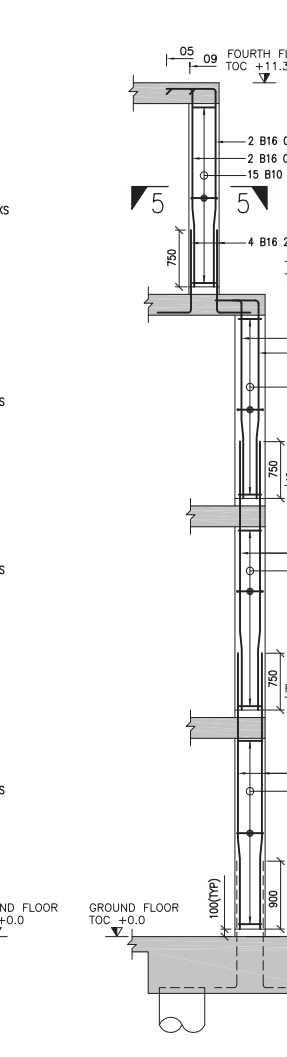
ELEVATION OF COLUMN B2
SCALE 1:50
SIZE: 400X400
(2 NO. THUS)



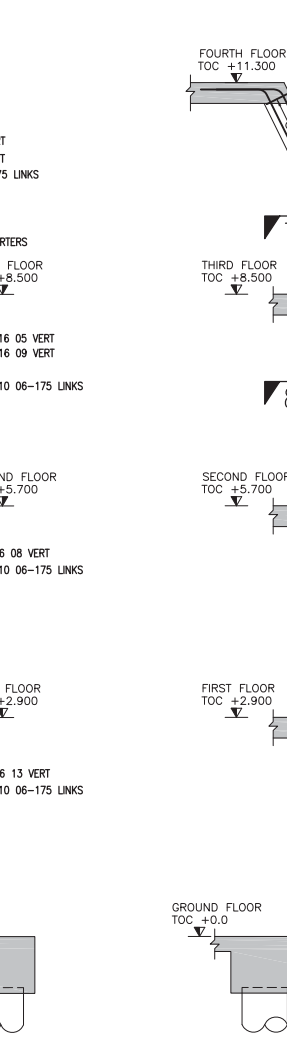
ELEVATION OF COLUMN C
SCALE 1:50
SIZE: 250X750



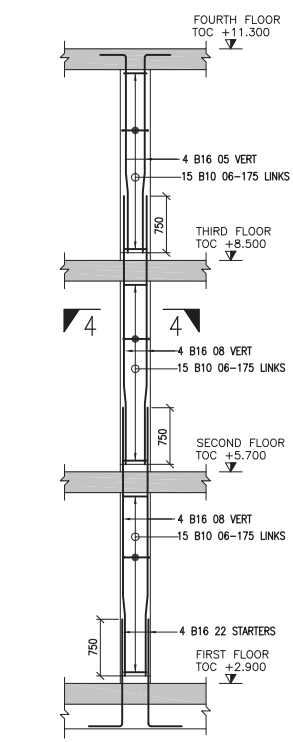
ELEVATION OF COLUMN D1
SCALE 1:50
SIZE: 400X400



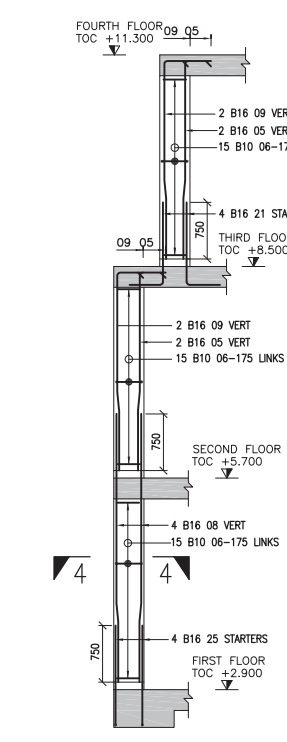
ELEVATION OF COLUMN D2
SCALE 1:50
SIZE: 400X400
(3 NO. THUS)



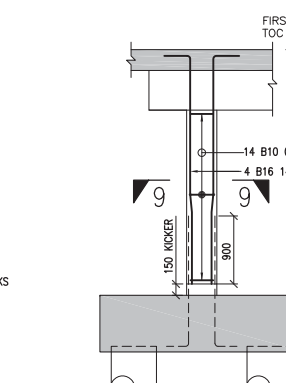
ELEVATION OF COLUMN G
SCALE 1:50
SIZE: 400X400



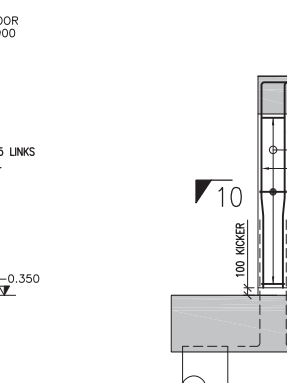
ELEVATION OF COLUMN B4
SCALE 1:50
SIZE: 400X400
(2 NO. THUS)



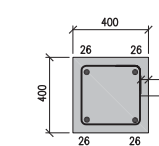
ELEVATION OF COLUMN D4
SCALE 1:50
SIZE: 400X400
(2 NO. THUS)



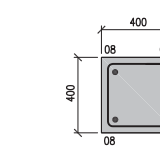
ELEVATION OF COLUMN B3
SCALE 1:50
SIZE: 400X400
(4 NO. THUS)



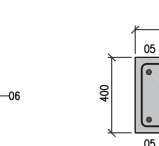
ELEVATION OF COLUMN D3
SCALE 1:50
SIZE: 400X400
(2 NO. THUS)



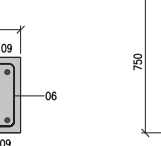
SECTION 3-3
SCALE 1:20



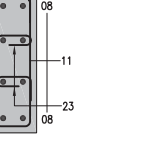
SECTION 4-4
SCALE 1:20



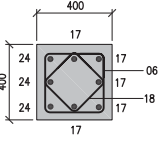
SECTION 5-5
SCALE 1:20



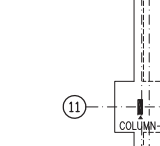
SECTION 6-6
SCALE 1:20



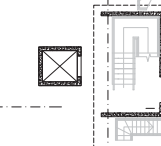
SECTION 7-7
SCALE 1:20



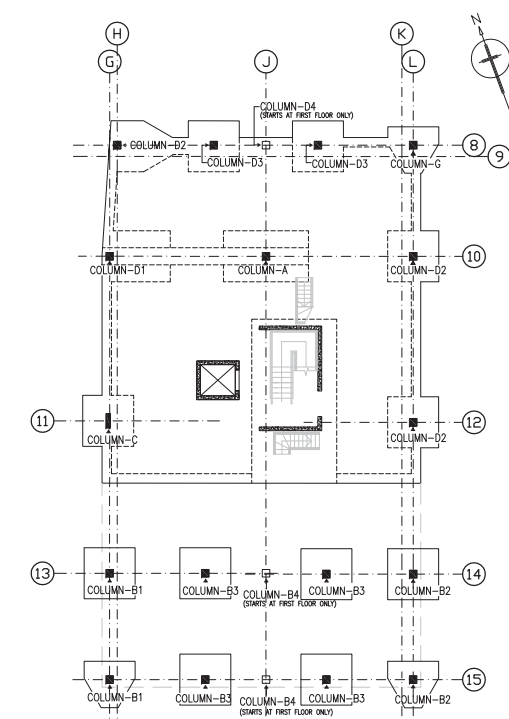
SECTION 8-8
SCALE 1:20



SECTION 9-9
SCALE 1:20



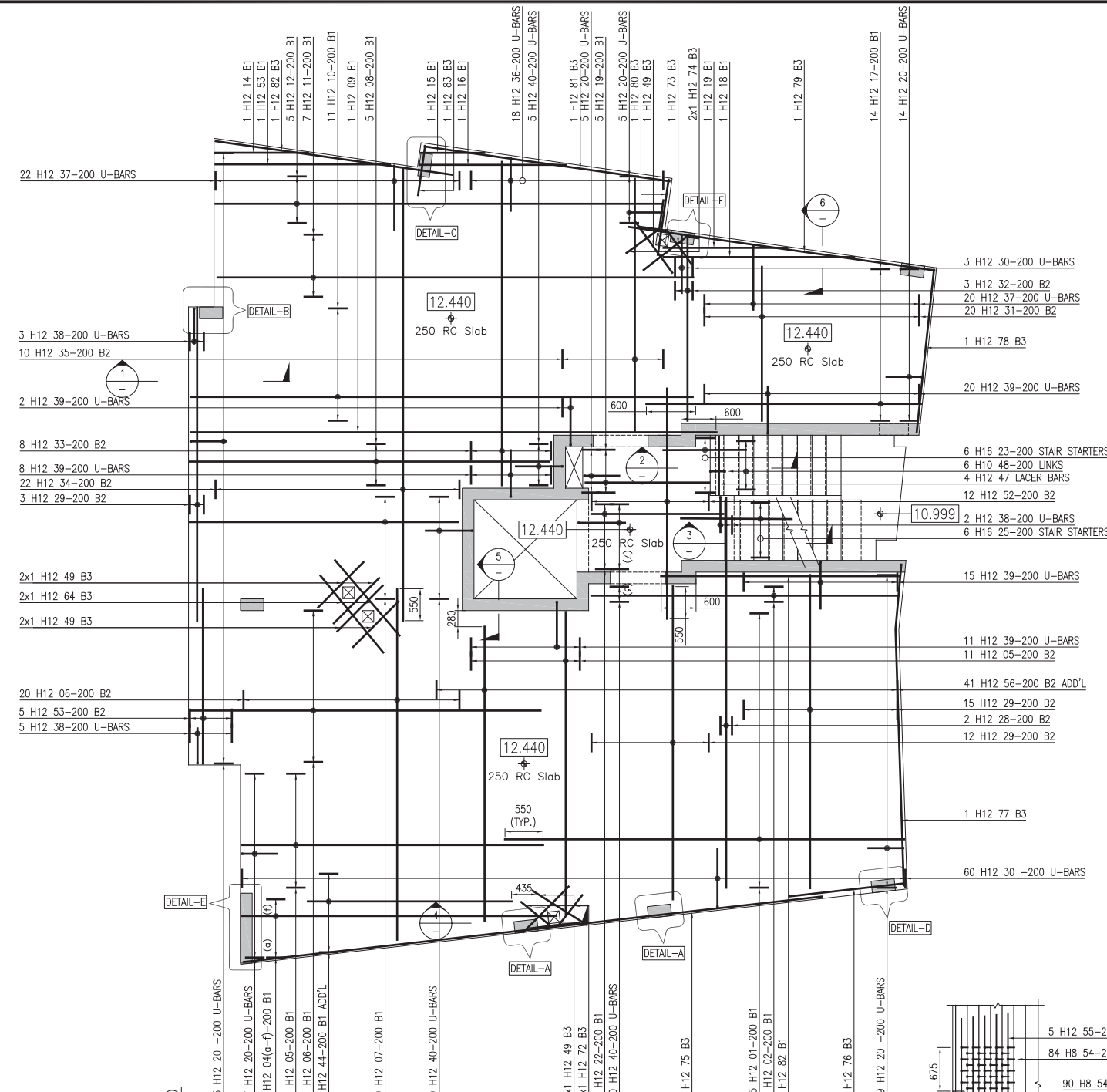
SECTION 10-10
SCALE 1:20



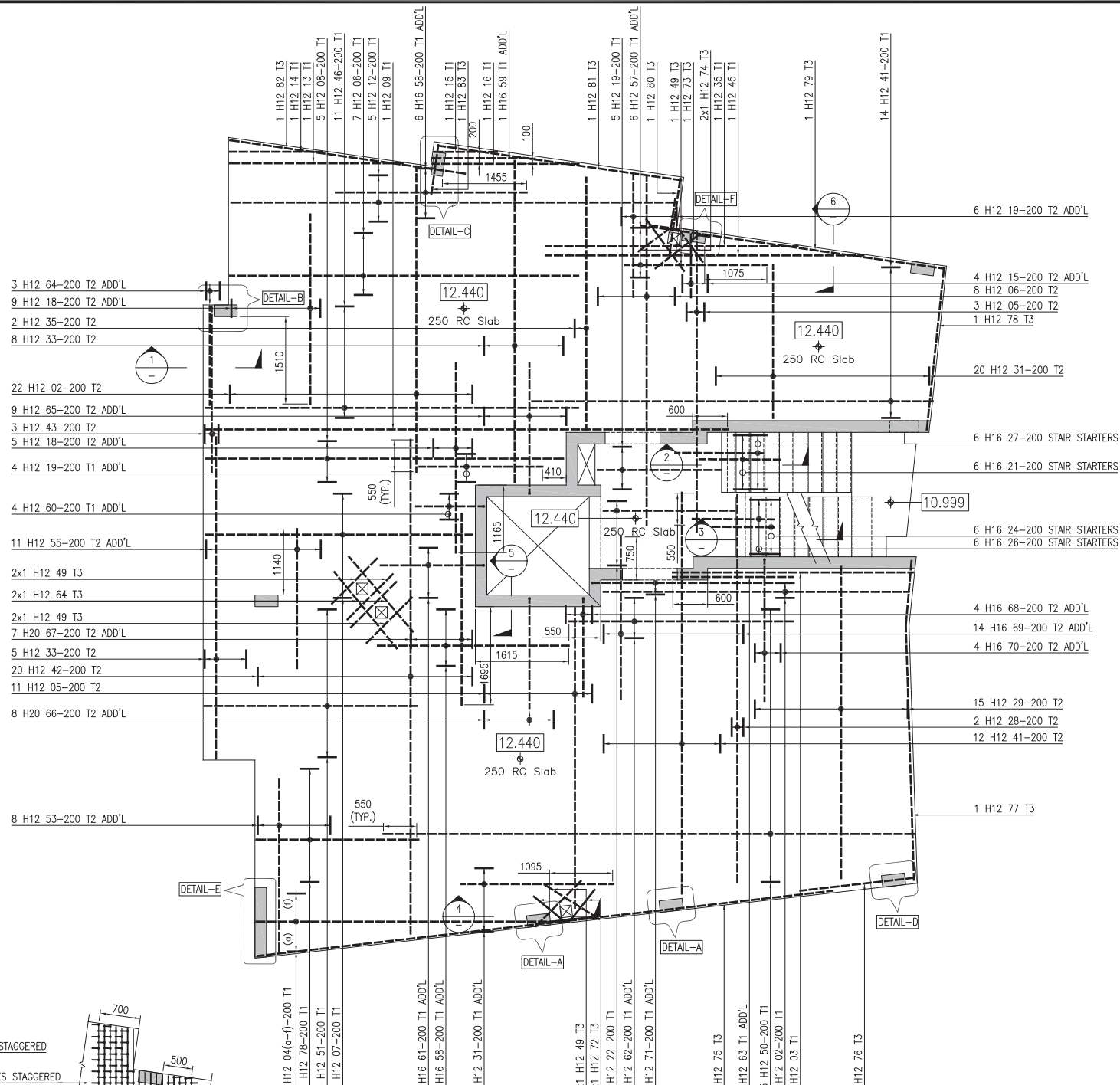
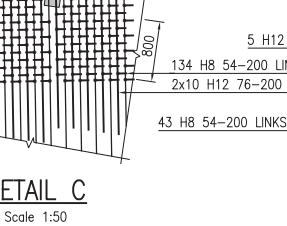
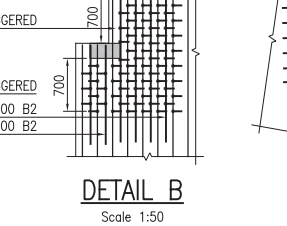
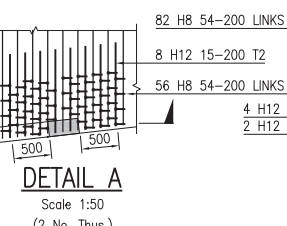
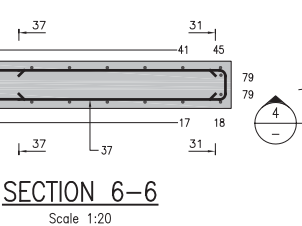
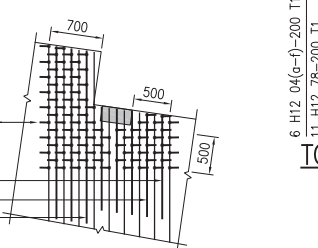
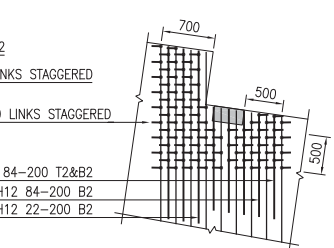
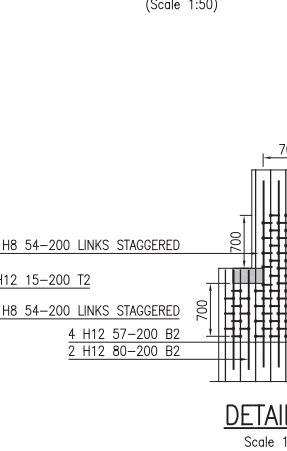
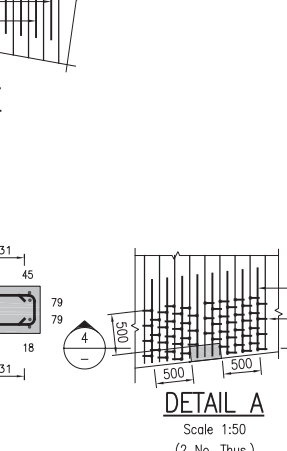
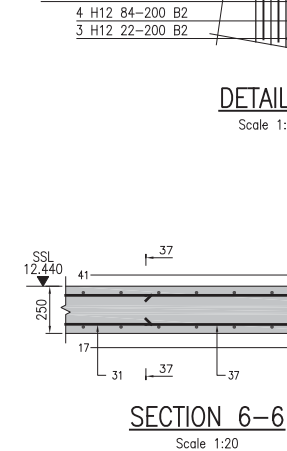
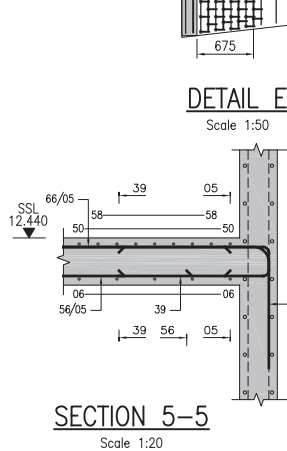
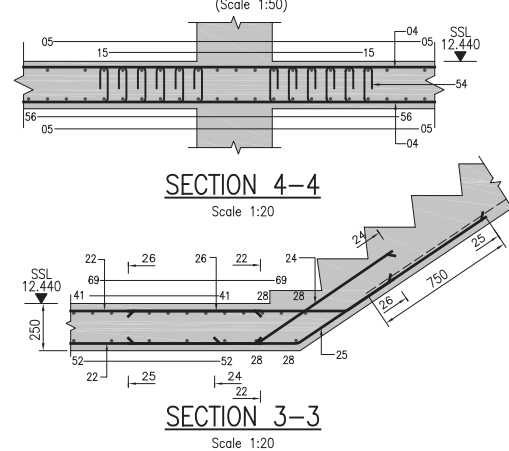
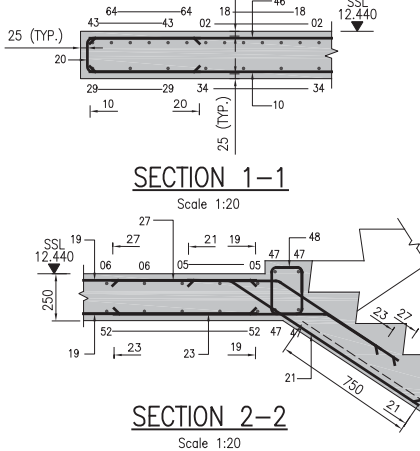
GROUND FLOOR KEY PLAN (BLOCK - B)
N.T.S.

- notes**
- DO NOT SCALE THIS DRAWING ON PRINT OR ELECTRONICALLY. WORK FROM FIGURED DIMENSIONS ONLY.
 - No deviation from the details shown on this drawing is allowed without Campbell Reith Hill's prior permission in writing.
 - Read this drawing with all Architects, Service Engineers and Campbell Reith Hill's relevant details and drawings.
 - All work is to be in accordance with the relevant specifications issued by Campbell Reith Hill, British Standard Codes of Practice, Statutory requirements and the Contract Documents.
 - DRAWING STATUS**
S :- SCHEME --- Outline/Scheme drawings for proposals, budgets etc.
D :- DESIGN DEVELOPMENT --- Evolving final design drawings for approvals, tenders, billing etc.
C :- CONSTRUCTION --- Fully developed drawings issued under instruction for construction.
ONLY STATUS C DRAWINGS TO BE USED FOR CONSTRUCTION.
 - PILE CAP & GROUND BEAM**
SIDES - 50mm
BOTTOM COVER - 75mm
TOP COVER - 25mm
TOP COVER - 50mm (FOR PILE CAPS AT CAR PARK)
 - COLUMN & WALLS**
ALL SIDES - 25mm
ALL SIDES - 35mm (COLUMNS EXPOSED IN CAR PARK)
 - SLABS**
TOP COVER - 25mm
BOTTOM & SIDES - 50mm
 - MINIMUM LAP LENGTHS**
B12 - 550mm
B16 - 750mm
B20 - 900mm
B25 - 1150mm
B32 - 1450mm
 - ABBREVIATIONS**
HOR : HORIZONTAL
VERT : VERTICAL
NF : NEAR FACE
FF : FAR FACE

RC DETAILS OF COLUMNS (BLOCK-B)



BOTTOM REINFORCEMENT DETAILS OF THIRD FLOOR SLAB



TOP REINFORCEMENT DETAILS OF THIRD FLOOR SLAB

- NOTES**
- This drawing is to be read in conjunction with all relevant Architects and Engineer's drawings and the Specification.
 - This drawing is not to be scaled. All dimensions are in mm unless noted.
 - All dimensions and setting out are to be checked on site and discrepancies reported to the Contract Administrator.
 - Concrete grade to be RC40 unless noted otherwise.
 - All steel reinforcement bars to be high yield deformed type 2 500N/mm² unless noted otherwise.
- | | |
|---|-------------------------|
| 6. Cover to all reinforcement to be as shown below U.N.O. | 8. Minimum lap lengths: |
| SLAB | SLAB |
| Bottom - 25 | H10 - 450 |
| Top - 25 | H12 - 550 |
| Sides - 25 | H16 - 750 |
| | H20 - 900 |
| | H25 - 1150 |
| | H32 - 1450 |
- Abbreviations:

T1 - TOP FIRST LAYER	B1 - BOTTOM FIRST LAYER
T2 - TOP SECOND LAYER	B2 - BOTTOM SECOND LAYER

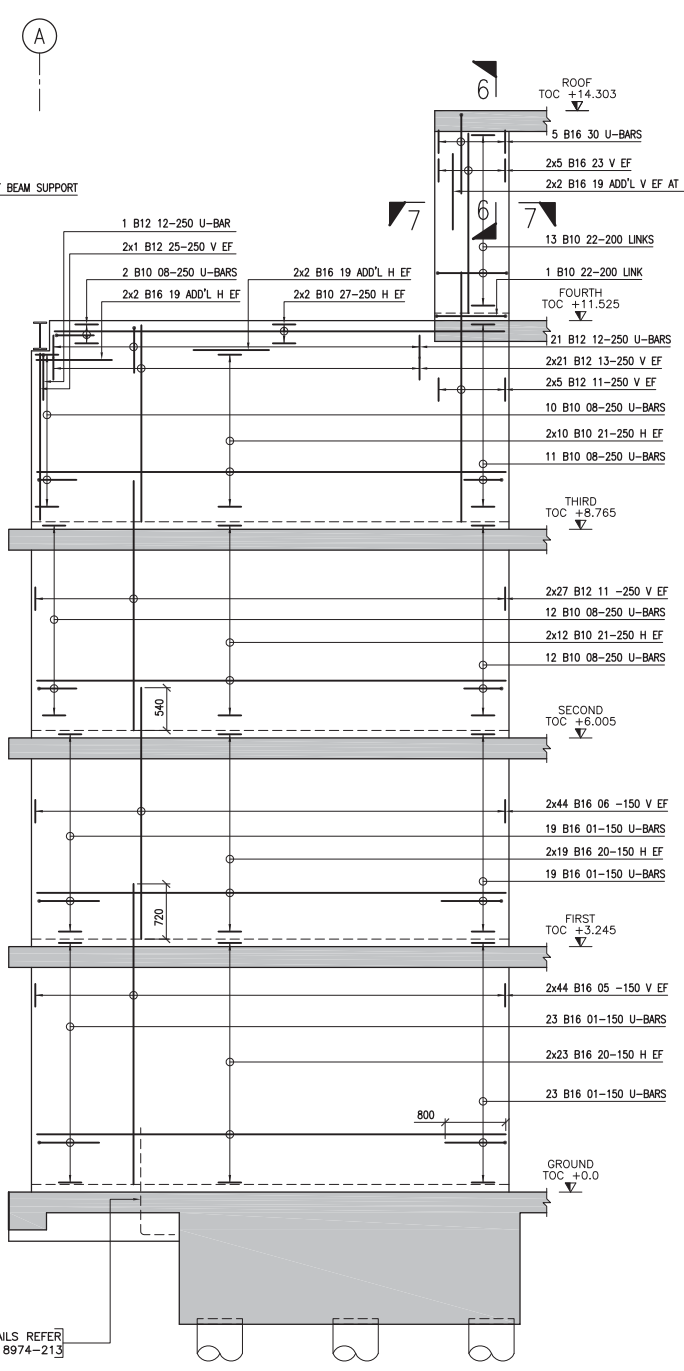
notes

- 1 DO NOT SCALE THIS DRAWING ON PRINT OR ELECTRONICALLY. WORK FROM FIGURED DIMENSIONS ONLY.
- 2 No deviation from the details shown on this drawing is allowed without Campbell Reith Hill's prior permission in writing.
- 3 Read this drawing with all Architects, Service Engineers and Campbell Reith Hill's relevant details and drawings.
- 4 All work is to be in accordance with the relevant specifications issued by Campbell Reith Hill, British Standard Codes of Practice, Statutory requirements and the Contract Documents.
- 5 DRAWING STATUS
 S: SCHEME --- Outline/Scheme drawings for proposals, budgets etc.
 D: DESIGN DEVELOPMENT --- Evolving final design drawings for approvals, tenders, billing etc.
 C: CONSTRUCTION --- Fully developed drawings issued under instruction for construction.
ONLY STATUS C DRAWINGS TO BE USED FOR CONSTRUCTION.
6. PILE CAP, GROUND BEAM & CORE BASE
 SIDES - 50mm
 BOTTOM COVER - 75mm
 TOP COVER - 25mm
 TOP COVER - 50mm (FOR PILE CAPS AT CAR PARK)
 COLUMN & WALLS
 ALL SIDES - 25mm
 ALL SIDES - 35mm (COLUMNS EXPOSED IN CAR PARK)
 SLABS
 TOP - 25mm
 BOTTOM - 50mm
7. MINIMUM LAP LENGTHS
 B10 - 450mm
 B12 - 540mm
 B16 - 720mm
 B20 - 900mm
 B25 - 1125mm
 B32 - 1440mm

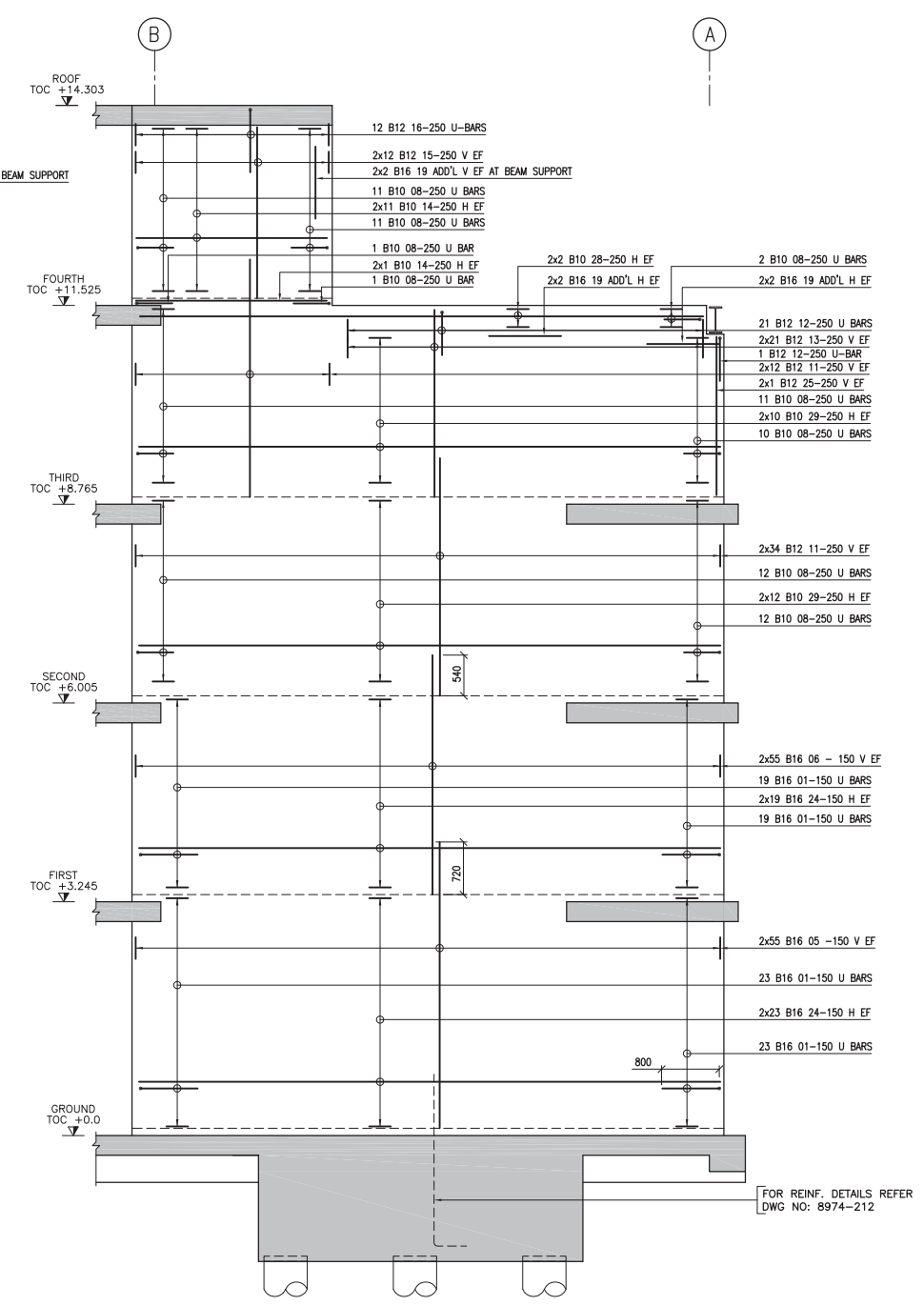
- LEGEND
- H : HORIZONTAL
 - V : VERTICAL
 - NF : NEAR FACE
 - FF : FAR FACE
 - EF : EACH FACE
 - ADD'L : ADDITIONAL



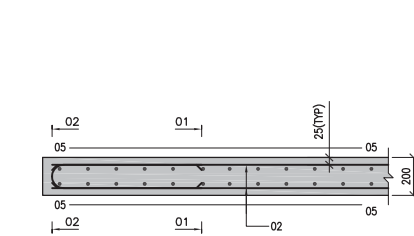
WALL ELEVATION - B
SCALE 1:50



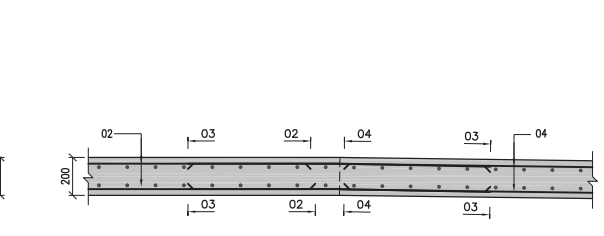
WALL ELEVATION - C
SCALE 1:50



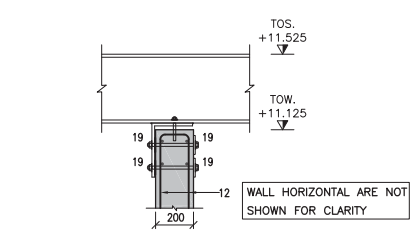
WALL ELEVATION - D
SCALE 1:50



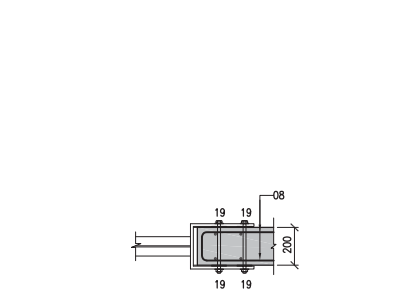
SECTION 1-1
SCALE 1:20



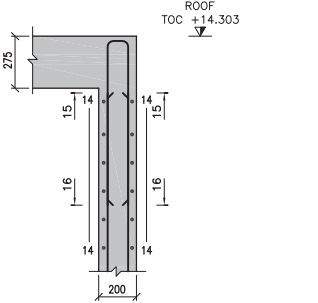
SECTION 2-2
SCALE 1:20



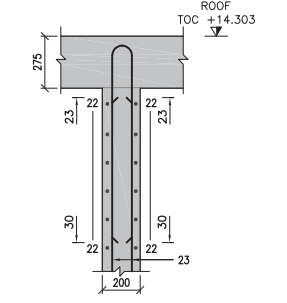
SECTION 3-3
SCALE 1:20



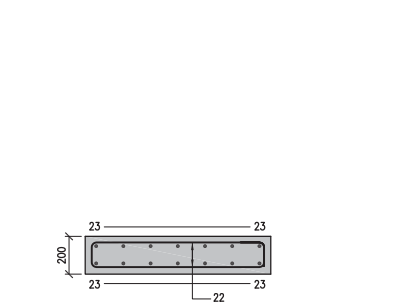
SECTION 4-4
SCALE 1:20



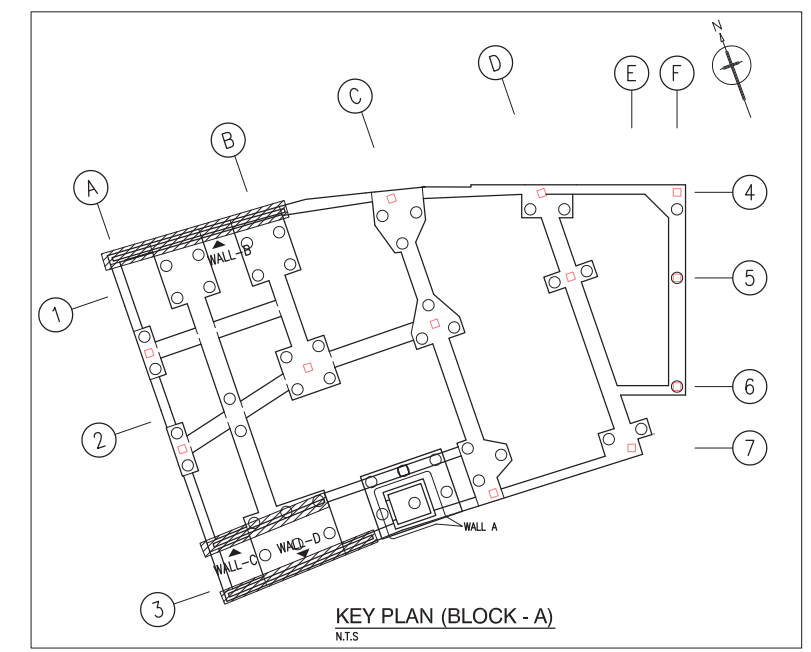
SECTION 5-5
SCALE 1:20



SECTION 6-6
SCALE 1:20



SECTION 7-7
SCALE 1:20



KEY PLAN (BLOCK - A)
N.T.S.

BLOCK A
RC DETAILS OF SHEAR WALLS
SHEET 2 OF 2