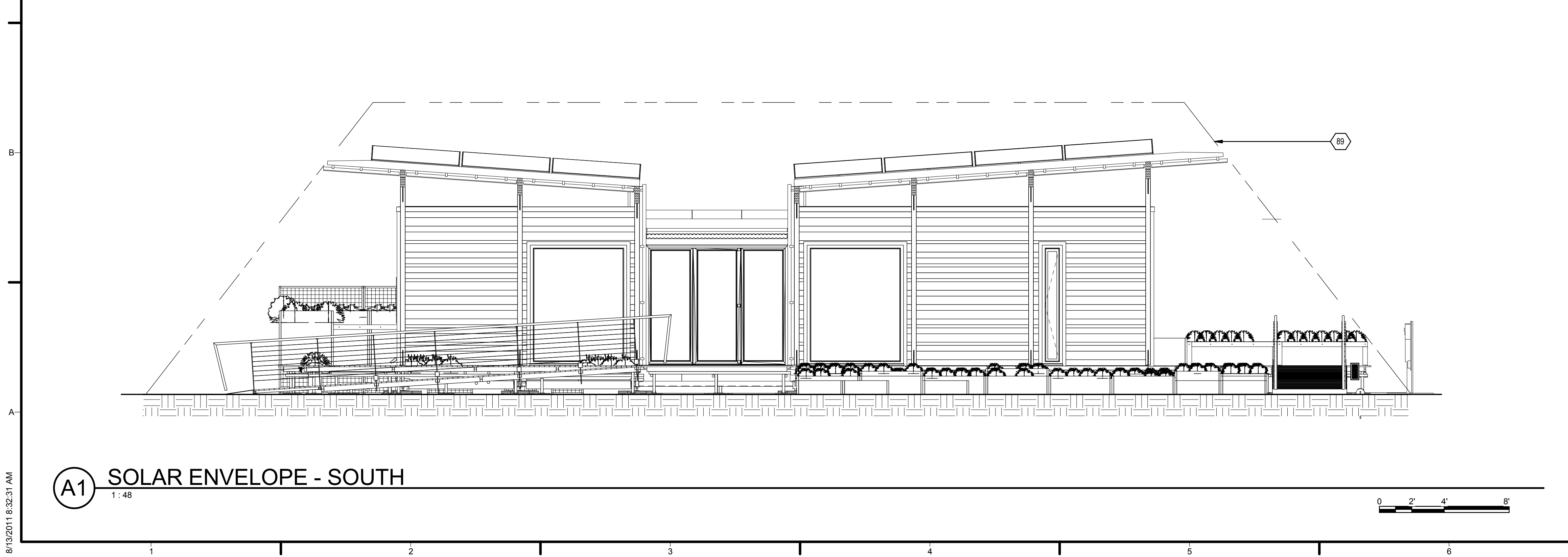
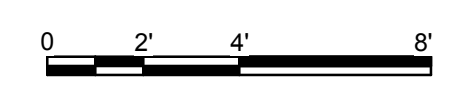
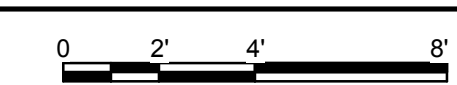


C1 SOLAR ENVELOPE - WEST
1:48



A1 SOLAR ENVELOPE - SOUTH
1:48



GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES

89 SOLAR ENVELOPE FOR WASHINGTON SITE SHOWN DASHED



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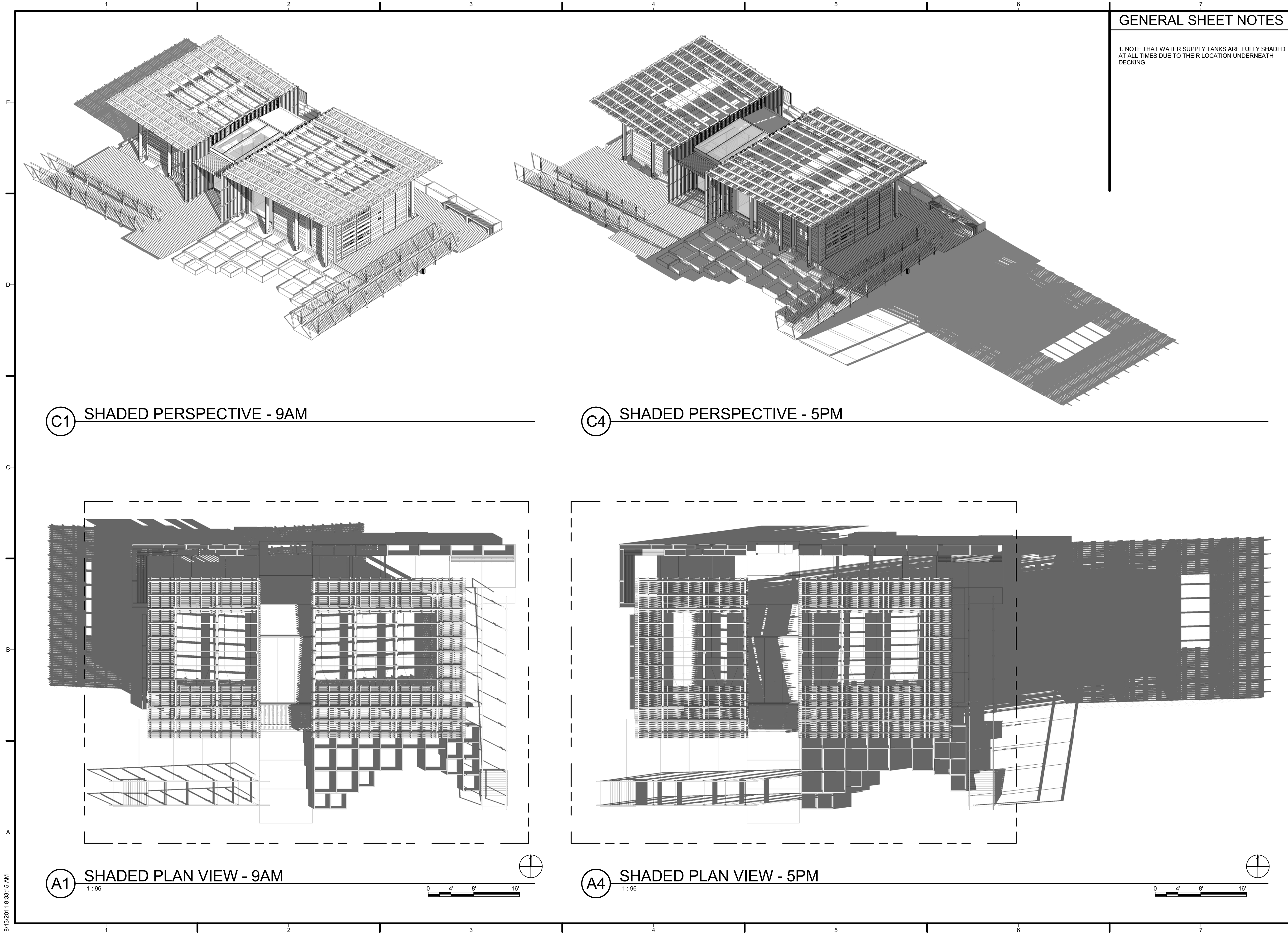
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SHEET TITLE
SOLAR ENVELOPE COMPLIANCE ELEVATIONS

G-202

8/13/2011 8:32:31 AM



GENERAL SHEET NOTES

1. NOTE THAT WATER SUPPLY TANKS ARE FULLY SHADED AT ALL TIMES DUE TO THEIR LOCATION UNDERNEATH DECKING.

C1 SHADED PERSPECTIVE - 9AM

C4 SHADED PERSPECTIVE - 5PM

A1 SHADED PLAN VIEW - 9AM

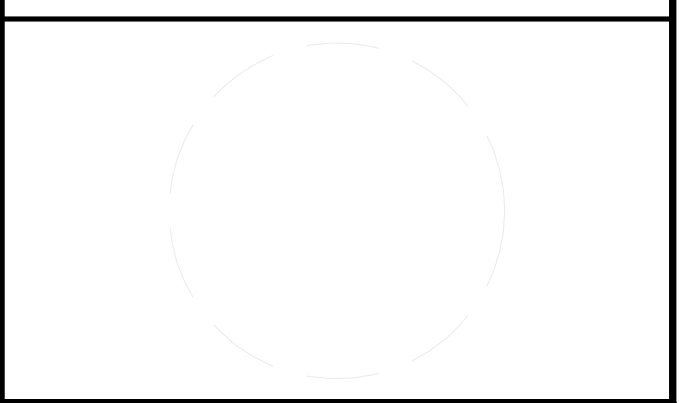
A4 SHADED PLAN VIEW - 5PM

8/13/2011 8:33:15 AM



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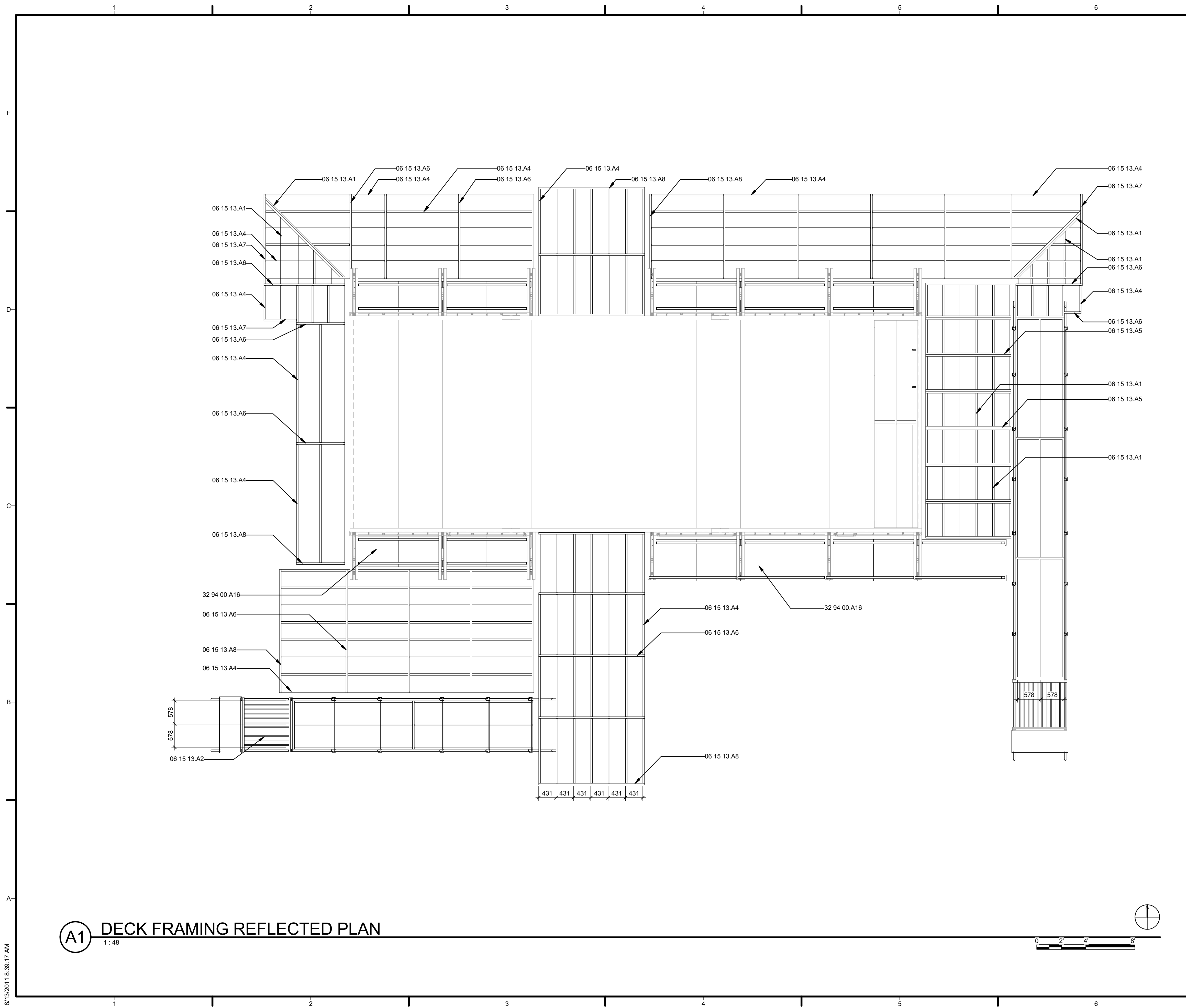
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SHEET TITLE
SHADING DIAGRAMS

G-601



GENERAL SHEET NOTES

REFERENCE KEYNOTES

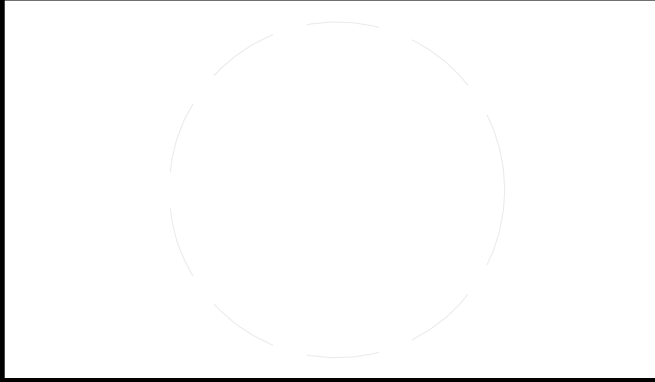
- 06 15 13.A1 90X45MM BLOCKING TIMBER
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A5 140X45MM TIMBER JOIST
- 06 15 13.A6 45X45MM TIMBER HALF JOIST
- 06 15 13.A7 90X45MM TRIMMING JOIST
- 06 15 13.A8 90X45MM TIMBER END JOIST
- 32 94 00.A16 INNER PLANTER BOX

SHEET KEYNOTES



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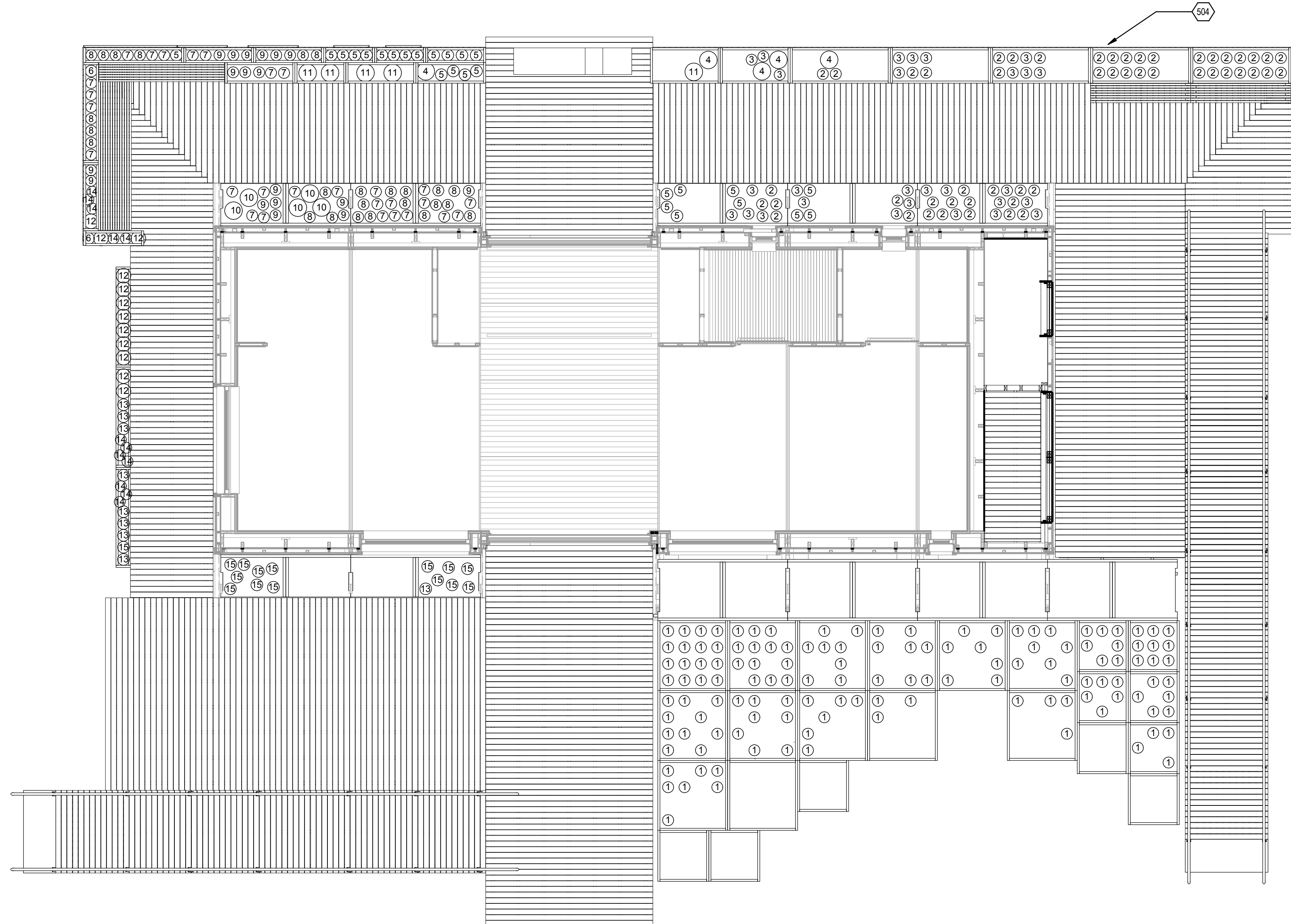
SHEET TITLE
 DECK FRAMING PLAN

L-103

A1 DECK FRAMING REFLECTED PLAN
 1:48

8/13/2011 8:39:17 AM

PLANTING SCHEDULE								
CODE	NAME	BOTANICAL NAME	FULL GROWN HEIGHT MM	FULL GROWN WIDTH MM	PLANTED HEIGHT MM	PLANTED WIDTH MM	GRADE (GALLONS)	COUNT
								371
1	CAREX	CAREX TESTACEA	500	500	200	200	0.5	162
2	NZ MOUNTAIN FLAX	PHORMIUM COOKIANUM	1000	100	250	600	0.5	82
3	COPROSMIA	MUEHLENBECKIA ASTONII	1000	1000	300	300	0.5	45
4	LANCEWOOD	PSEUDOPANAX CRASSIFOLIUS	6000	2000	2000	300	5	10
5	NZ IRIS	LIBERTIA GRANDIFLORA	400	400	150	150	1	51
6	FORSTER'S CLEMATIS	CLEMATIS FORSTERI	3000	1000	1500	20	1	2
7	SHINING SPEENWORT	ASPLENIUM OBLONGIFOLIUM	1000	1000	300	300	0.5	28
8	HEN & CHICKEN FERN	ASPLENIUM BULBIFERUM	700	500	300	300	0.5	25
9	KIO KIO	BLECHNUM NOVAE-ZEALANDIAE	1000	2000	300	300	0.5	24
10	BLACK TREE FERN	CYATHEA MEDULLARIS	20000	5000	6700	500	5	5
11	SILVER SPEAR	ASTELIA CHATHAMICA	1500	1500	1500	1500	5	10
12	WESTLAND RED ASTELIA	ASTELIA NERVOSA 'WESTLAND'	1000	1000	800	800	3	12
13	WHIPCORD HEBE	HEBE 'KARO GOLDEN ESK'	600	600	150	150	1	9
14	PURPLE BIDIBIDI	ACEANA INERMIS PURPUREA	50	1000	100	100	0.5	12
15	DWARF TOETOE	CHIONOCHLOA FLAVICANS	1000	1000	350	350	1.5	15



GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES

504 REFER TO L-101 FOR PLANTER TYPES



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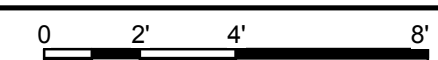
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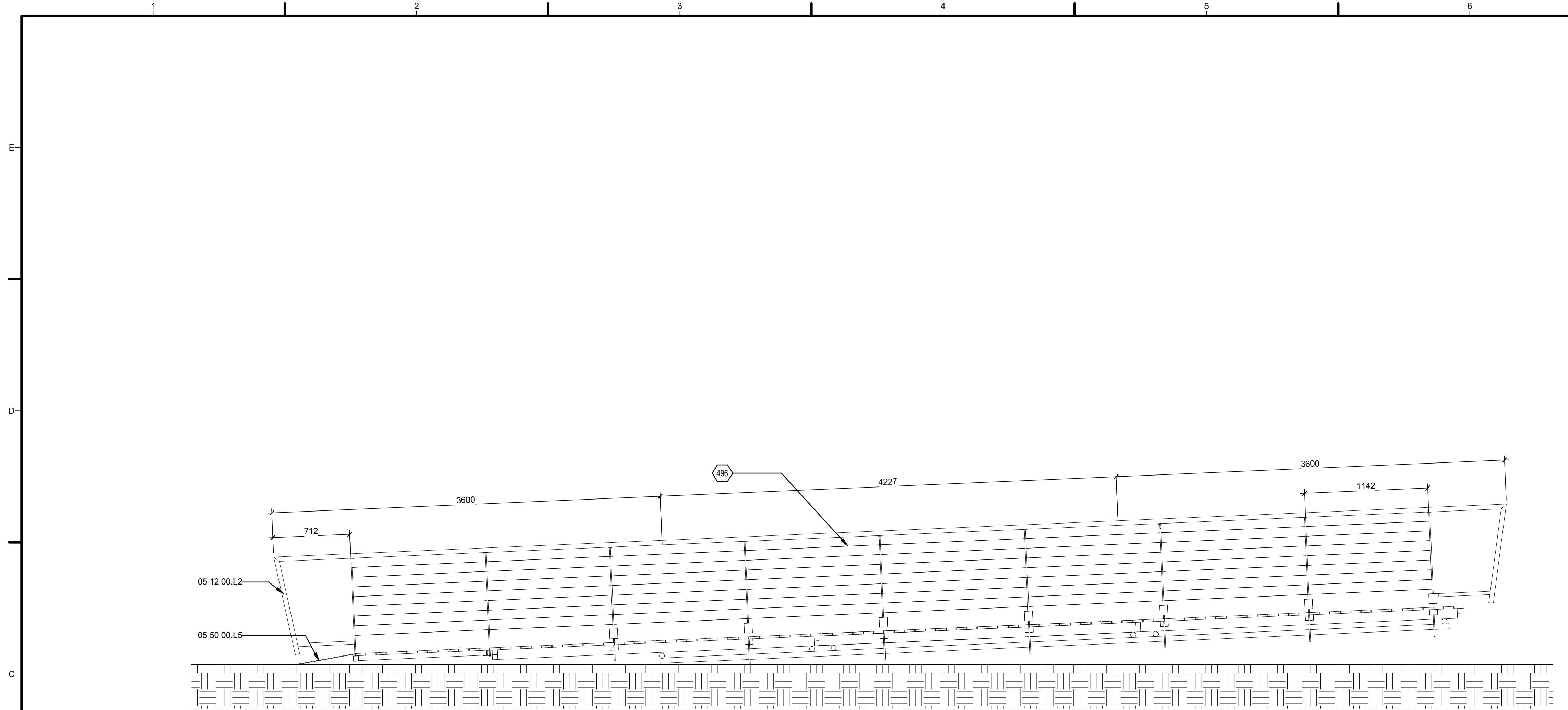
SHEET TITLE

LANDSCAPE PLANTING
 PLAN

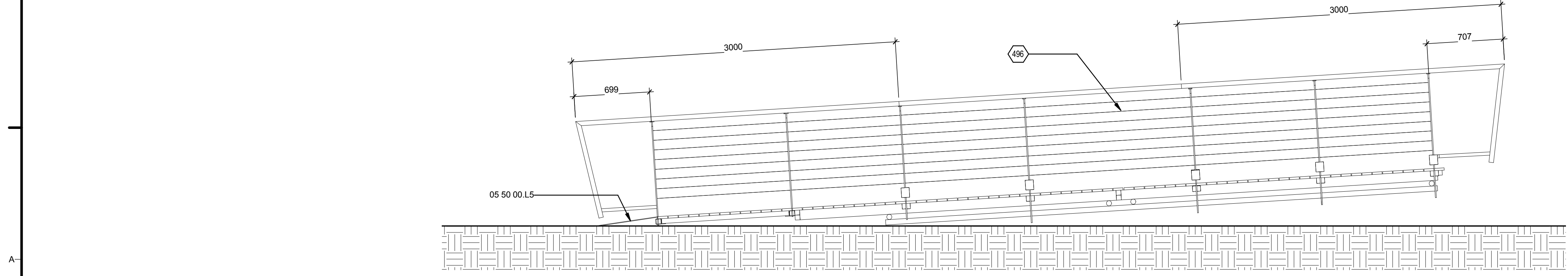
L-104

A2 LANDSCAPE PLANTING PLAN
 1:48





1 EASTERN RAMP ELEVATION
1:24



A2 SOUTHERN RAMP ELEVATION
1:24

8/13/2011 8:39:33 AM

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.L2 30X30X3MM UA STEEL SCREEN FRAME
- 05 50 00.L5 CHEQUERPLATE TO ENDS OF RAMP

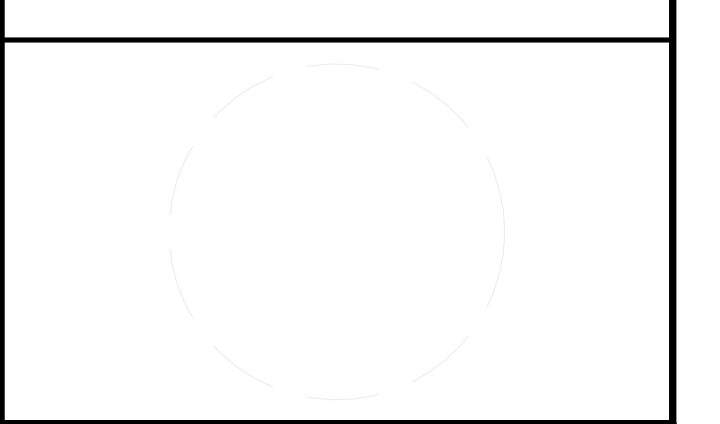
SHEET KEYNOTES

- 496 HIGH TENSILE STEEL WIRE AT 90MM CENTRES. TIGHTENED TO WITHSTAND HORIZONTAL 50LB PER SQ FOOT FORCE

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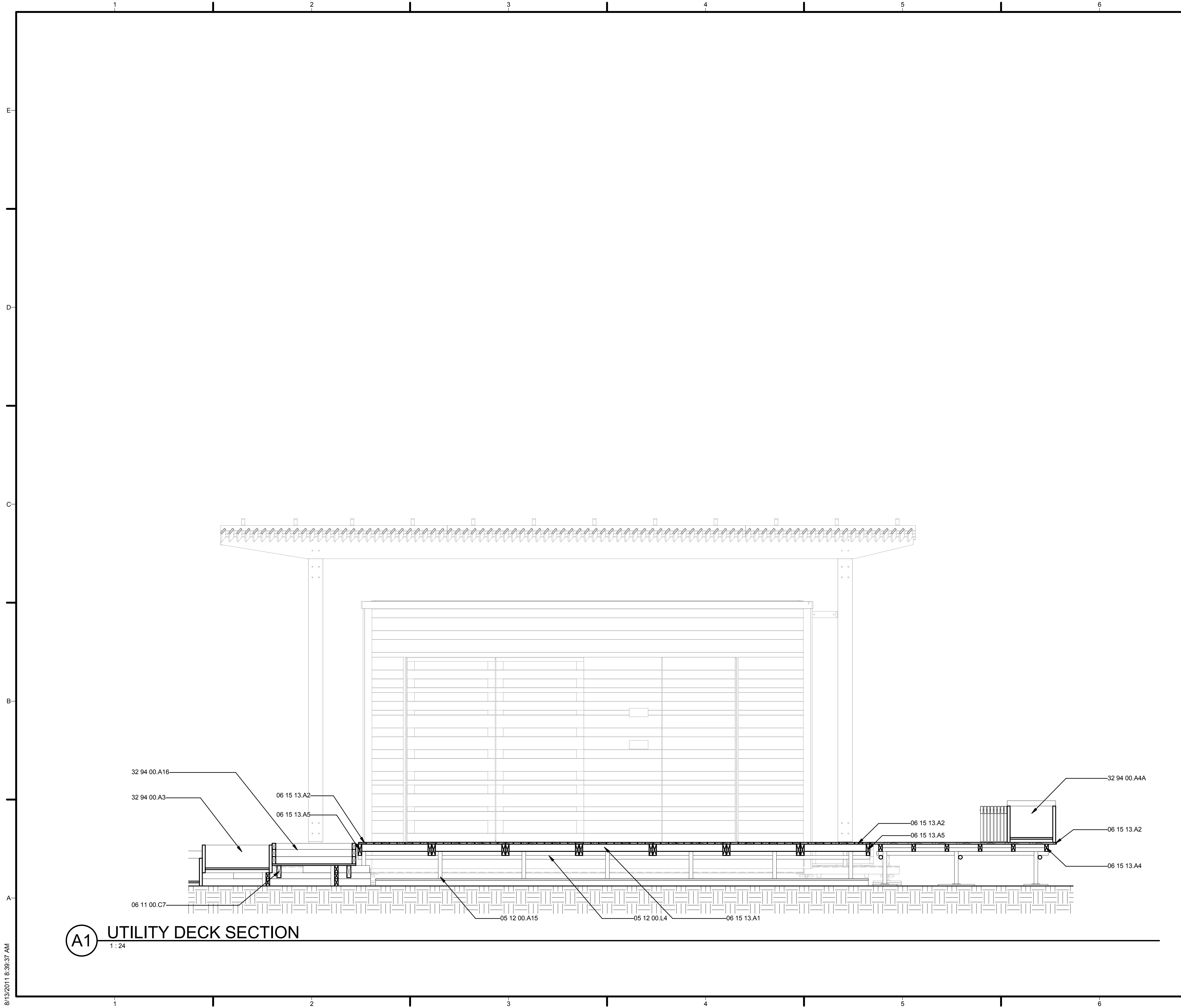


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SHEET TITLE
RAMP ELEVATIONS

L-201



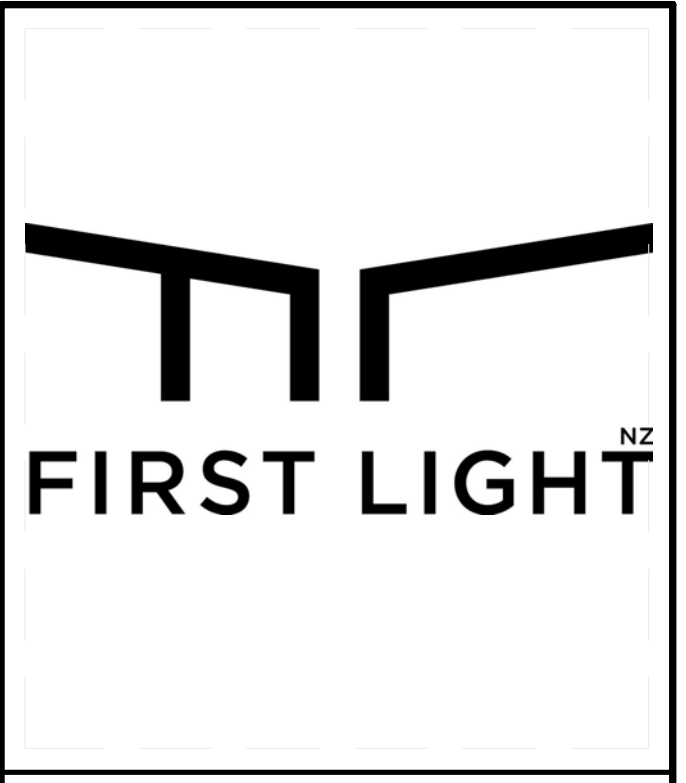
GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A15 300X300MM STEEL DECK SCAFFOLD FOOTING
- 06 11 00.C7 48MM STANDARD SCAFFOLD POLE
- 06 15 13.A1 240X45MM TIMBER TOP PLATE
- 06 15 13.A2 90X45MM BLOCKING TIMBER
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A5 140X45MM TIMBER JOIST
- 32 94 00.A3 COASTAL PLANTER TYPE 3 - 864L X 864W X 344H MM
- 32 94 00.A4A TYPICAL PLANTER TYPE 4A - 1696L X 600W X 430H MM
- 32 94 00.A16 INNER PLANTER BOX

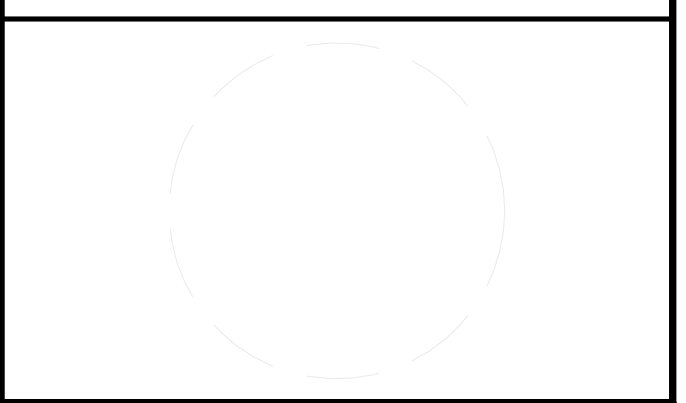
SHEET KEYNOTES

(A1) UTILITY DECK SECTION
1:24



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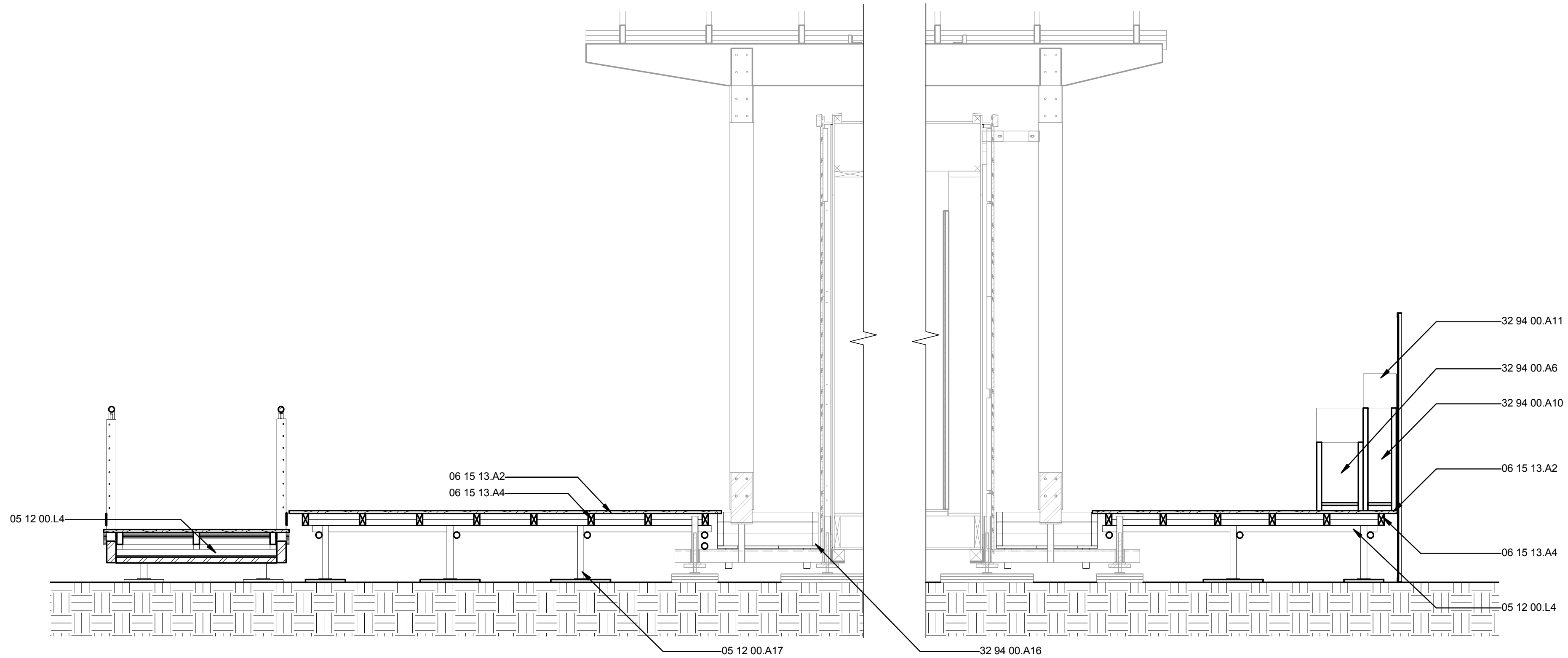


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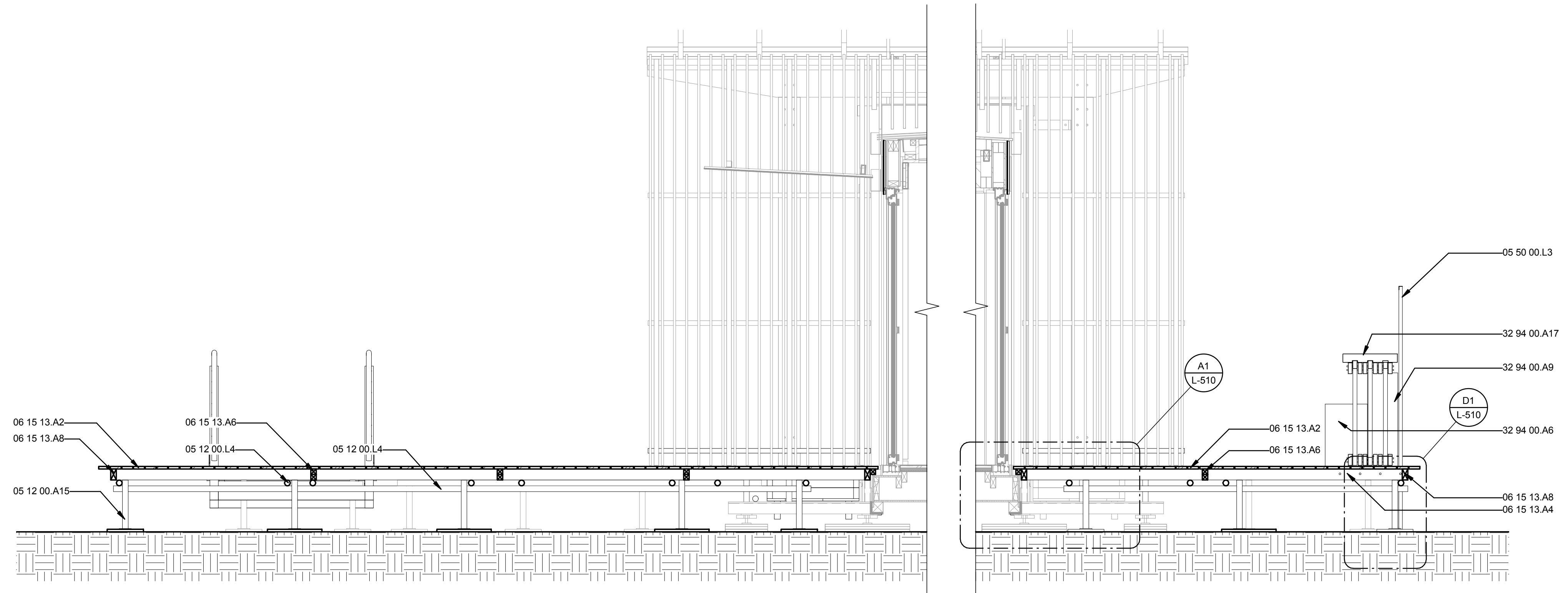
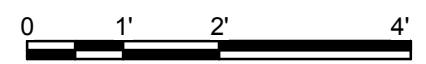
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SHEET TITLE
UTILITY DECK SECTION

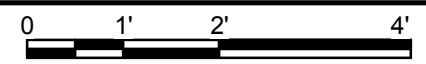
L-301



C1 LANDSCAPE GRID 2 TRANSVERSE SECTION
1:24



A1 CENTRE MODULE SECTION
1:24



GENERAL SHEET NOTES

REFERENCE KEYNOTES

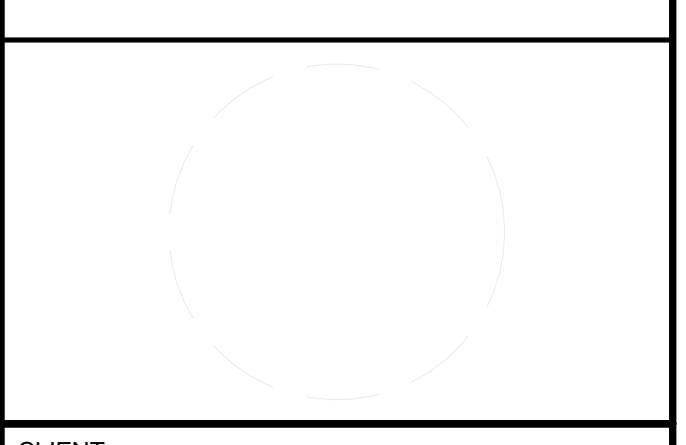
05 12 00.A15	300X300MM STEEL DECK SCAFFOLD FOOTING
05 12 00.A17	450X450MM STEEL DECK SCAFFOLD FOOTING
05 12 00.L4	48MM STANDARD SCAFFOLD POLE
05 50 00.L3	LANDSCAPE SCREEN TYPE 3 - NUMBER NEEDED 2
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A8	90X45MM TIMBER END JOIST
32 94 00.A6	TYPICAL PLANTER TYPE 6 - 1184L X 350W X 516H MM
32 94 00.A9	TYPICAL PLANTER TYPE 9 - 1018L X 250W X 774H MM
32 94 00.A10	TYPICAL PLANTER TYPE 10 - 864L X 250W X 774H MM
32 94 00.A11	TYPICAL PLANTER TYPE 11 - 1184L X 250W X 1032H MM
32 94 00.A16	INNER PLANTER BOX
32 94 00.A17	CONCRETE BENCH

SHEET KEYNOTES



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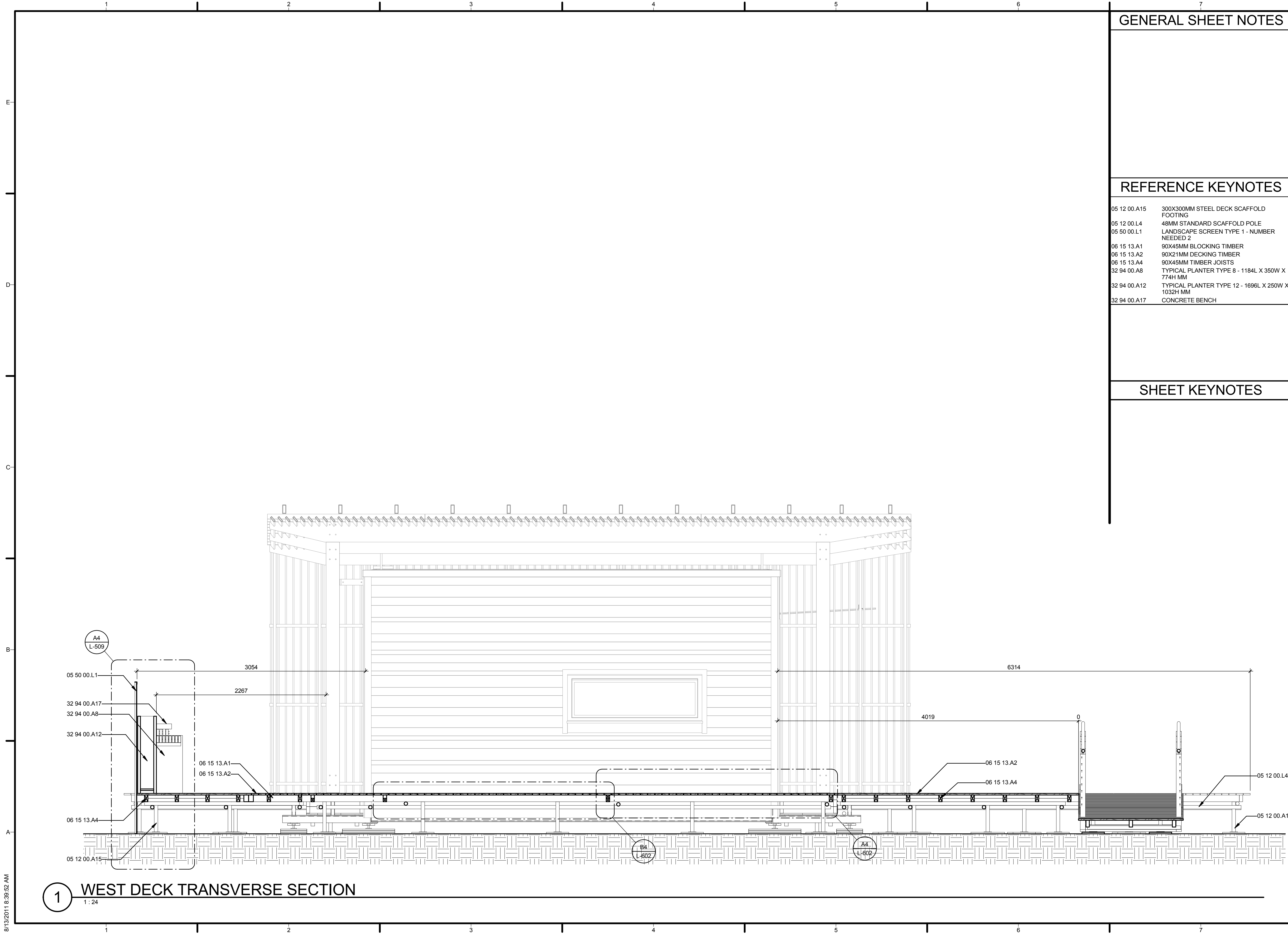


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SHEET TITLE
 LANDSCAPE
 TRANSVERSE
 SECTIONS

L-302



GENERAL SHEET NOTES

REFERENCE KEYNOTES

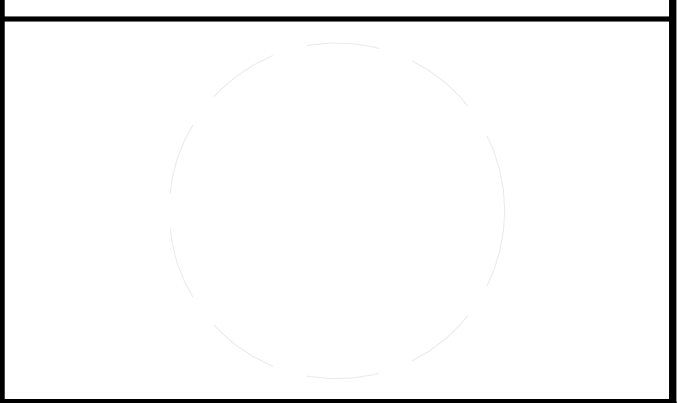
05 12 00.A15	300X300MM STEEL DECK SCAFFOLD FOOTING
05 12 00.L4	48MM STANDARD SCAFFOLD POLE
05 50 00.L1	LANDSCAPE SCREEN TYPE 1 - NUMBER NEEDED 2
06 15 13.A1	90X45MM BLOCKING TIMBER
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
32 94 00.A8	TYPICAL PLANTER TYPE 8 - 1184L X 350W X 774H MM
32 94 00.A12	TYPICAL PLANTER TYPE 12 - 1696L X 250W X 1032H MM
32 94 00.A17	CONCRETE BENCH

SHEET KEYNOTES



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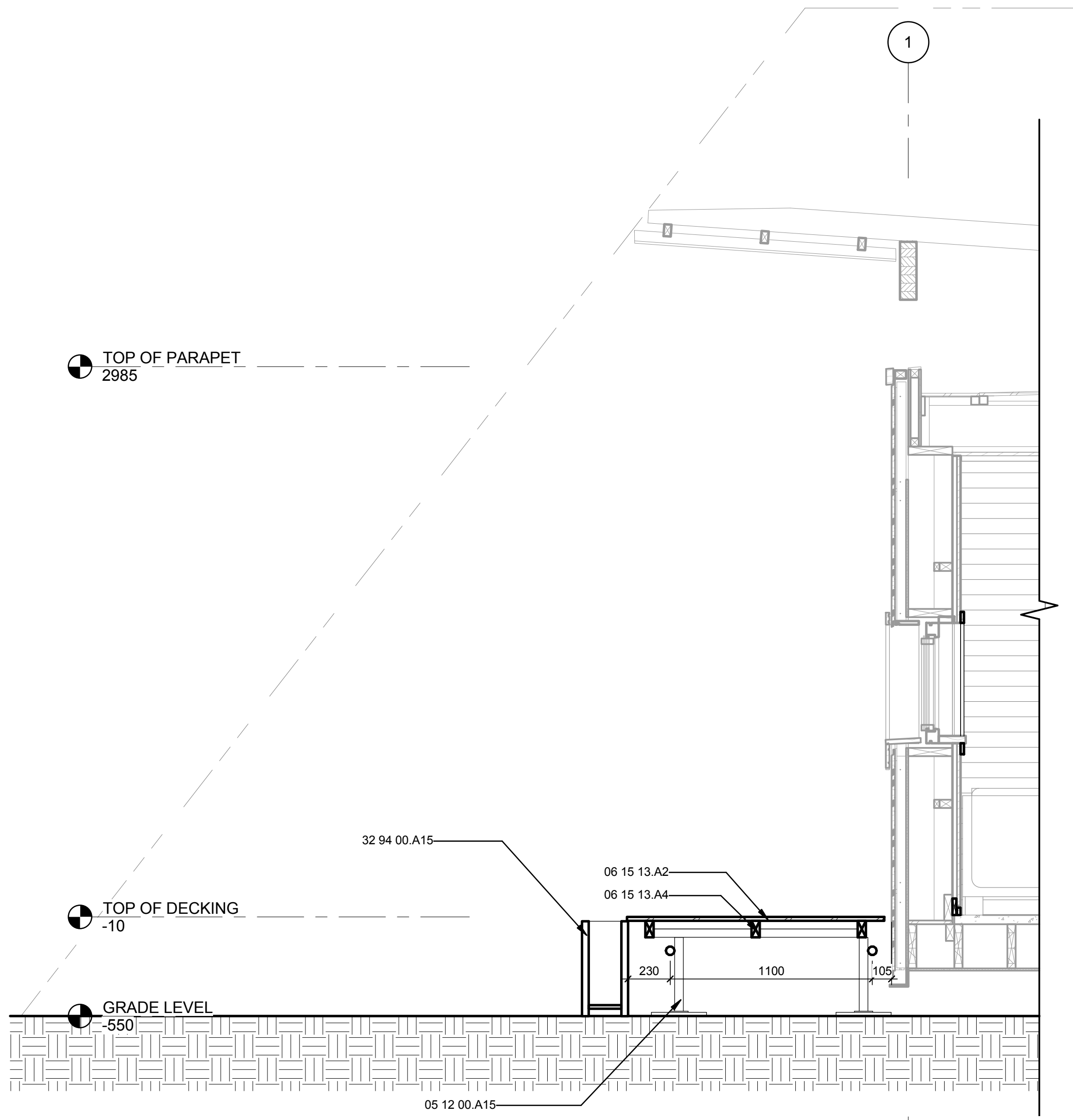
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SHEET TITLE

LANDSCAPE
 TRANSVERSE
 SECTIONS

L-303



(A3) WEST DECK SECTION
1:20

GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 12 00.A15	300X300MM STEEL DECK SCAFFOLD FOOTING
06 15 13.A2	48MM STANDARD SCAFFOLD POLE
06 15 13.A4	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
32 94 00.A15	TYPICAL PLANTER TYPE 15 - 1696L X 350W X 516H MM

SHEET KEYNOTES



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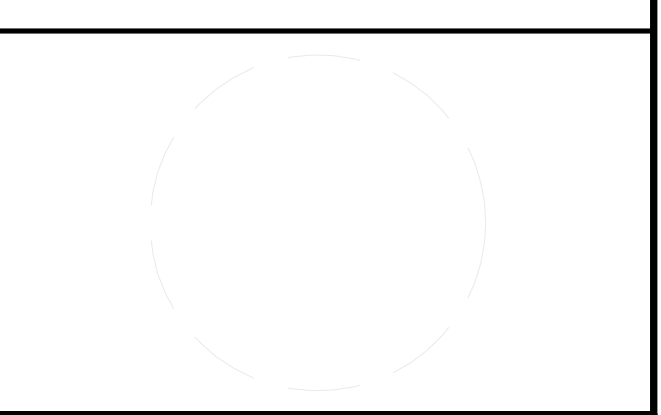
WEST DECK SECTION

L-304



TEAM NAME: FIRSTLIGHT NZ
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GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A15 300X300MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.A17 450X450MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.L4 48MM STANDARD SCAFFOLD POLE
- 05 50 00.L1 LANDSCAPE SCREEN TYPE 1 - NUMBER NEEDED 2
- 05 50 00.L2 LANDSCAPE SCREEN TYPE 2 - NUMBER NEEDED 3
- 05 50 00.L3 LANDSCAPE SCREEN TYPE 3 - NUMBER NEEDED 2
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A7 90X45MM TRIMMING JOIST
- 06 15 13.A8 90X45MM TIMBER END JOIST
- 32 94 00.A4 TYPICAL PLANTER TYPE 4 - 1696L X 600W X 516H MM
- 32 94 00.A4A TYPICAL PLANTER TYPE 4A - 1696L X 600W X 430H MM
- 32 94 00.A5 TYPICAL PLANTER TYPE 5 - 1184L X 600W X 516H MM
- 32 94 00.A6 TYPICAL PLANTER TYPE 6 - 1184L X 350W X 516H MM
- 32 94 00.A7 TYPICAL PLANTER TYPE 7 - 864L X 350W X 516H MM
- 32 94 00.A8 TYPICAL PLANTER TYPE 8 - 1184L X 350W X 774H MM
- 32 94 00.A9 TYPICAL PLANTER TYPE 9 - 1018L X 250W X 774H MM
- 32 94 00.A10 TYPICAL PLANTER TYPE 10 - 864L X 250W X 774H MM
- 32 94 00.A11 TYPICAL PLANTER TYPE 11 - 1184L X 250W X 1032H MM
- 32 94 00.A12 TYPICAL PLANTER TYPE 12 - 1696L X 250W X 1032H MM
- 32 94 00.A17 CONCRETE BENCH
- 32 94 00.A18 TIMBER SEAT FIXED TO PLANTERS

SHEET KEYNOTES

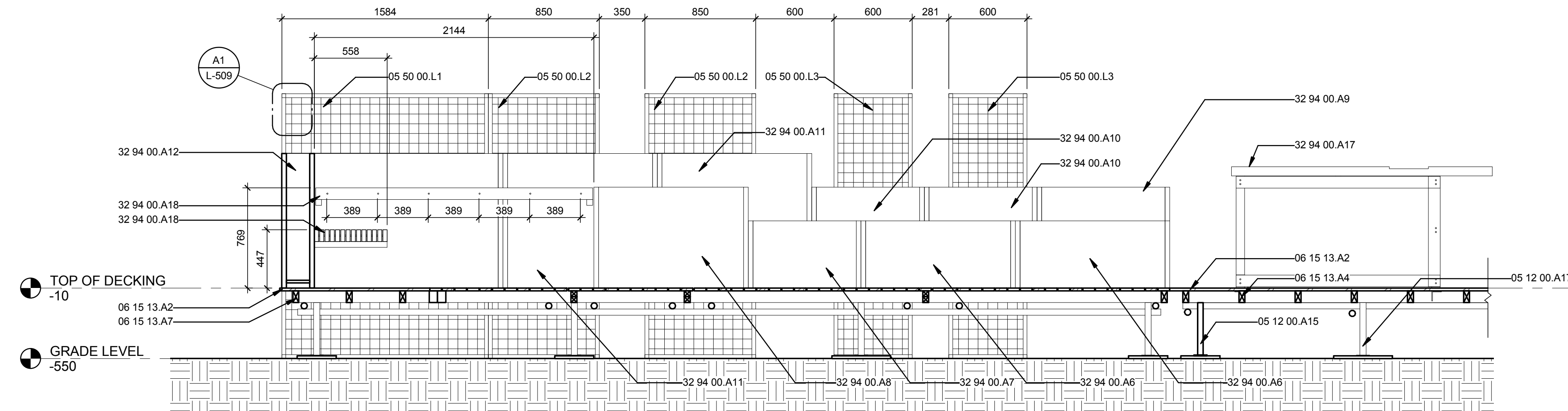
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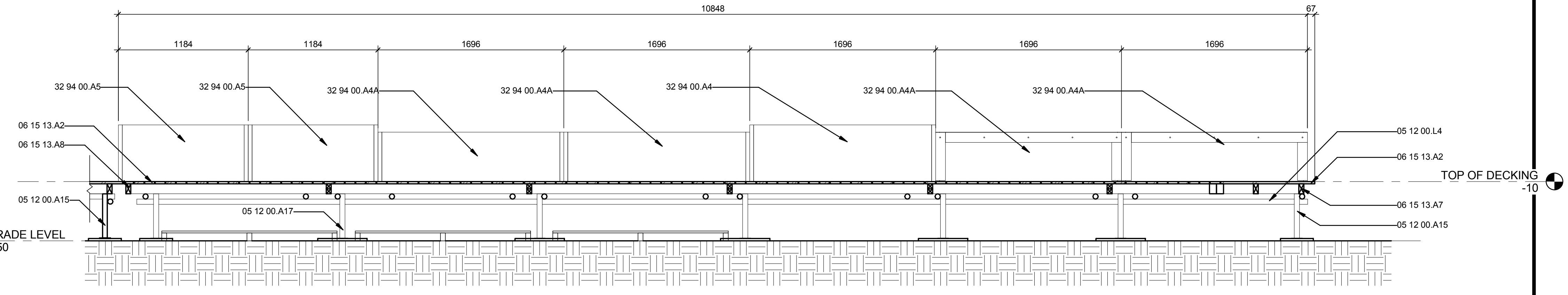
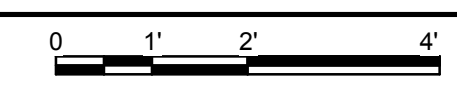
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NORTH DECK SECTIONS

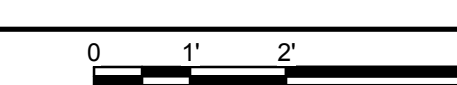
L-305



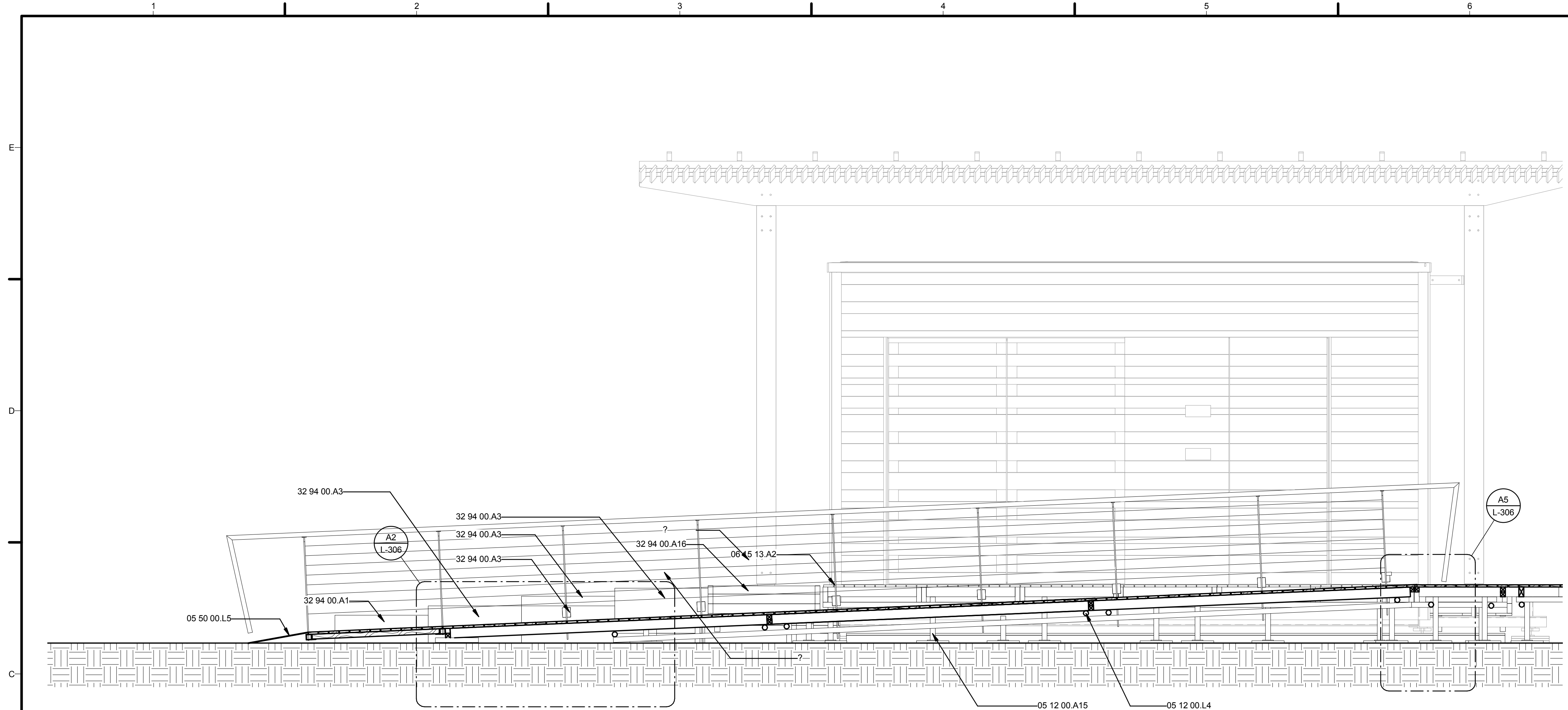
C2 NORTH WEST DECK SECTION
1:24



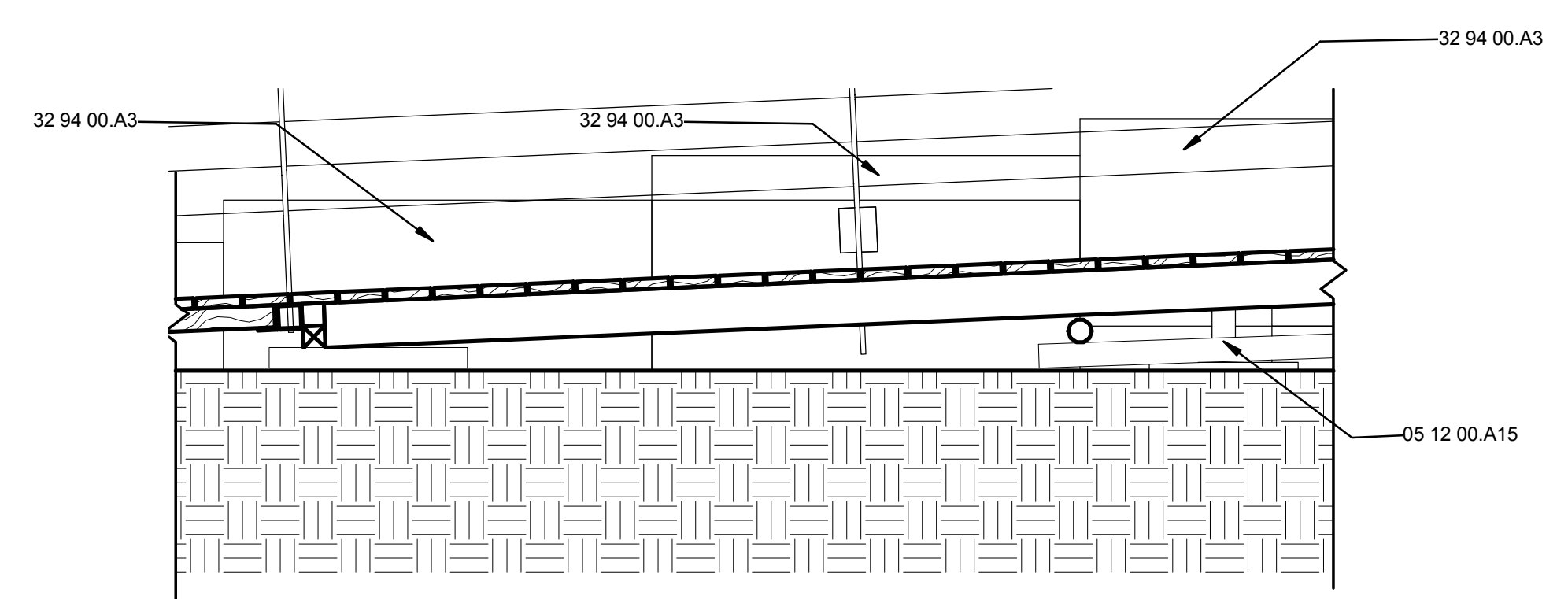
A1 NORTH EAST DECK SECTION
1:24



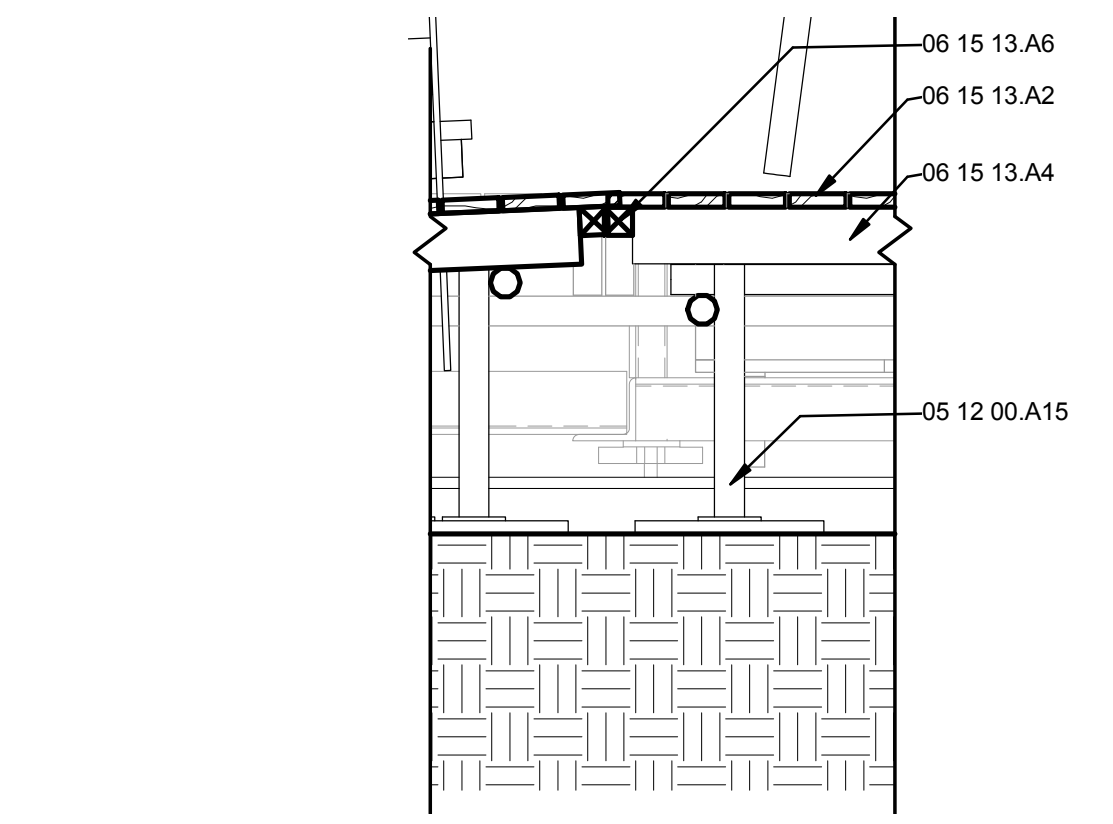
8/13/2011 8:40:00 AM



C1 1 IN 20 RAMP SECTION
1:24



A2 1 IN 20 RAMP END SUPPORT DETAIL
1:12



A5 1 IN 20 RAMP TO DECK SECTION
1:12

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A15 300X300MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.A17 450X450MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.L4 48MM STANDARD SCAFFOLD POLE
- 05 50 00.L5 CHEQUERPLATE TO ENDS OF RAMP
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A6 45X45MM TIMBER HALF JOIST
- 32 94 00.A1 COASTAL PLANTER TYPE 1 - 864L X 864W X 258H MM
- 32 94 00.A3 COASTAL PLANTER TYPE 3 - 864L X 864W X 344H MM
- 32 94 00.A16 INNER PLANTER BOX

SHEET KEYNOTES



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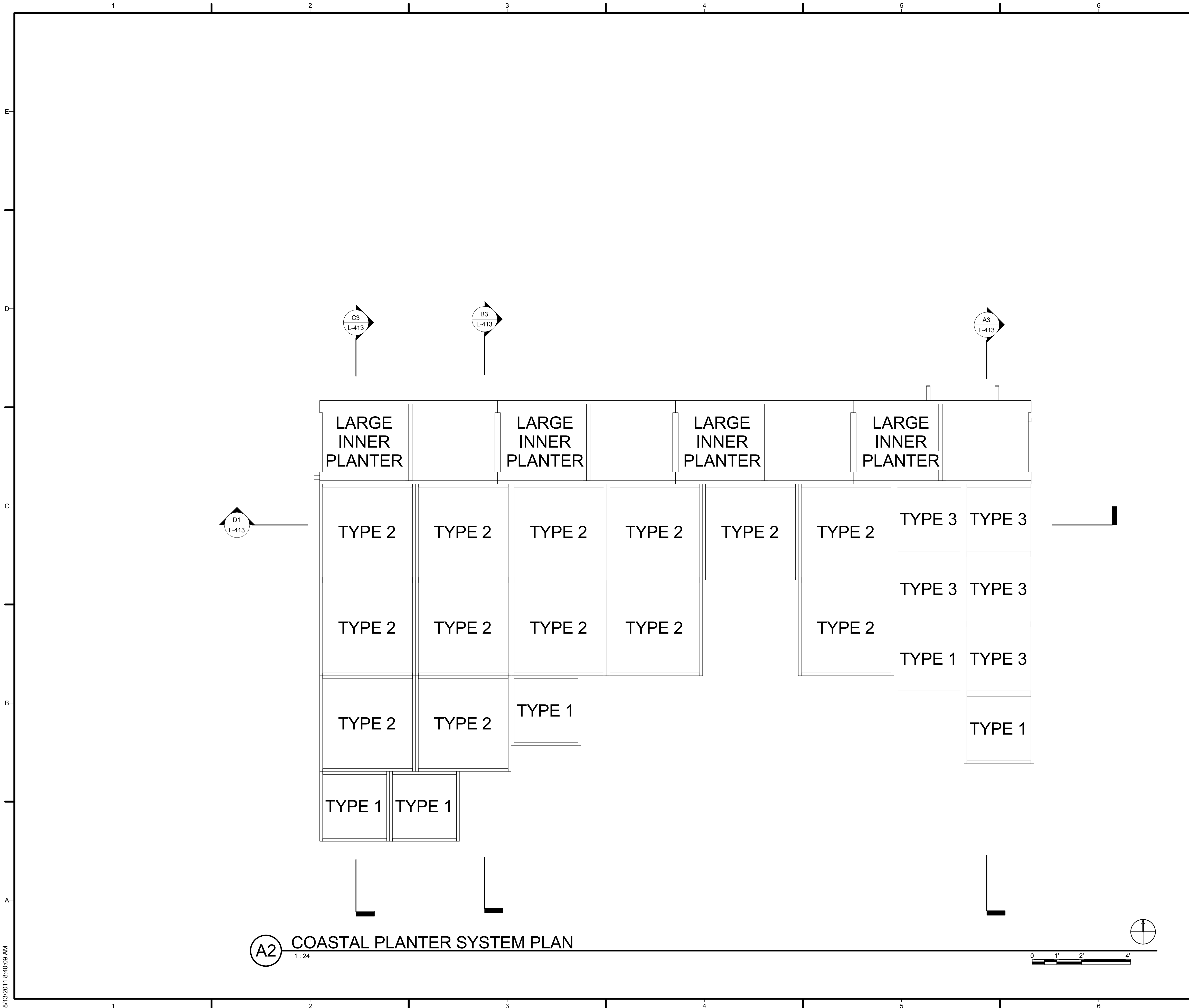


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SHEET TITLE
LONGITUDINAL RAMP SECTION

L-306



(A2) COASTAL PLANTER SYSTEM PLAN
1:24

GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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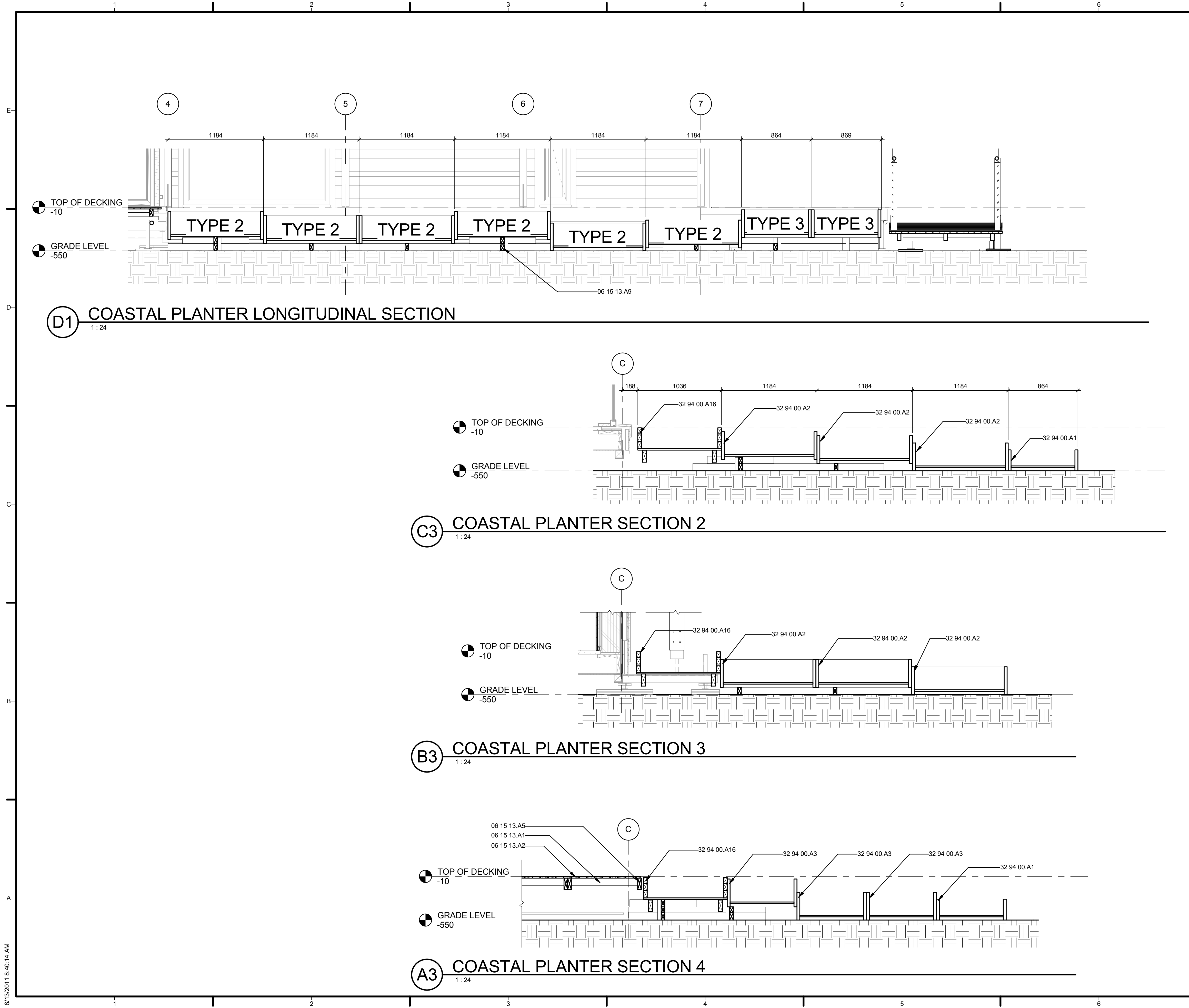
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SHEET TITLE
**COASTAL PLANTER
 SYSTEM PLAN**

L-412

8/13/2011 8:40:09 AM



GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 15 13.A1	90X45MM BLOCKING TIMBER
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A5	140X45MM TIMBER JOIST
06 15 13.A9	75X45MM COASTAL PLANTER SUPPORT TIMBER
32 94 00.A1	COASTAL PLANTER TYPE 1 - 864L X 864W X 255H MM
32 94 00.A2	COASTAL PLANTER TYPE 2 - 1184L X 1184W X 344H MM
32 94 00.A3	COASTAL PLANTER TYPE 3 - 864L X 864W X 344H MM
32 94 00.A16	INNER PLANTER BOX

SHEET KEYNOTES



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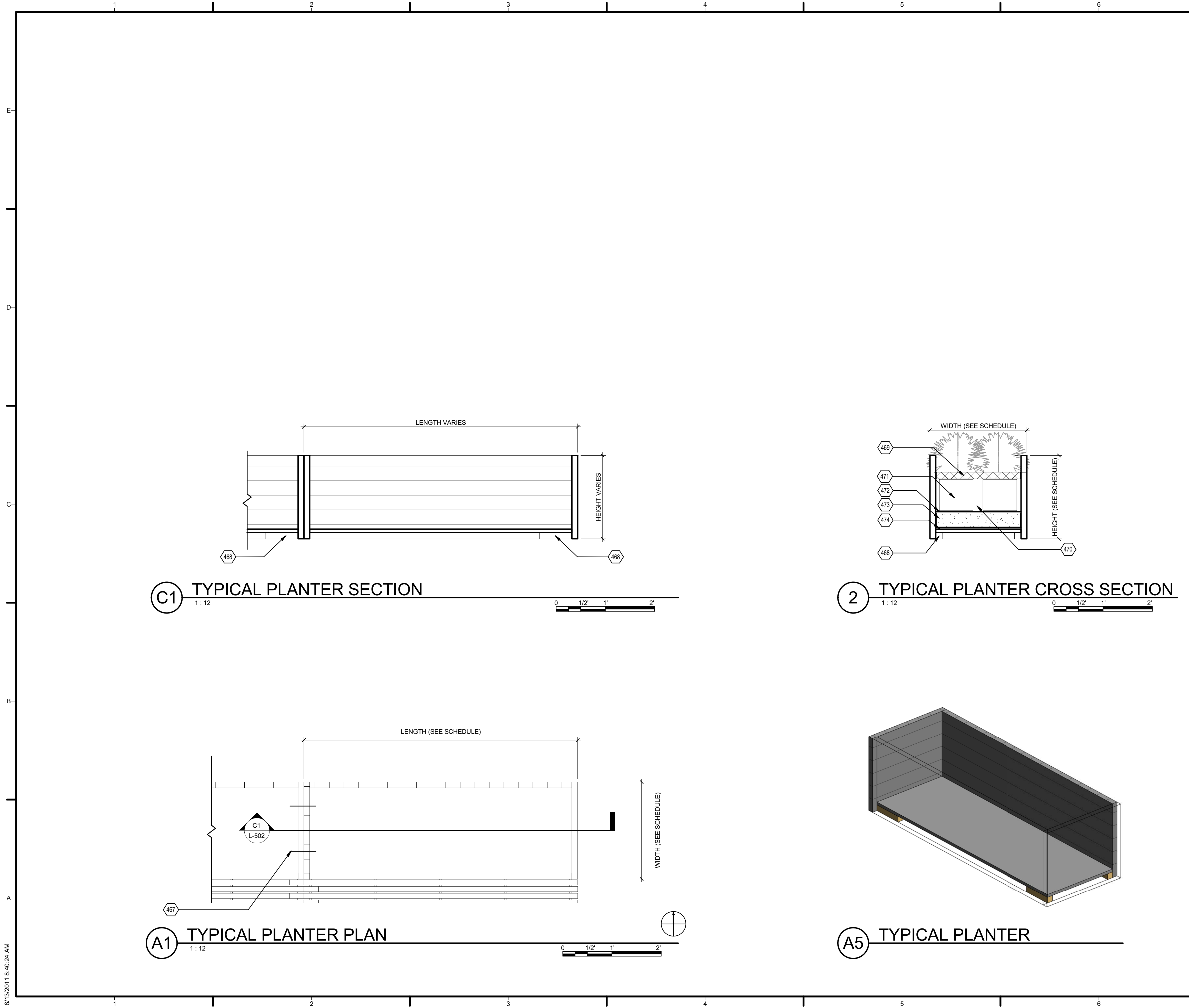
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SHEET TITLE
COASTAL PLANTER SECTIONS

L-413

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

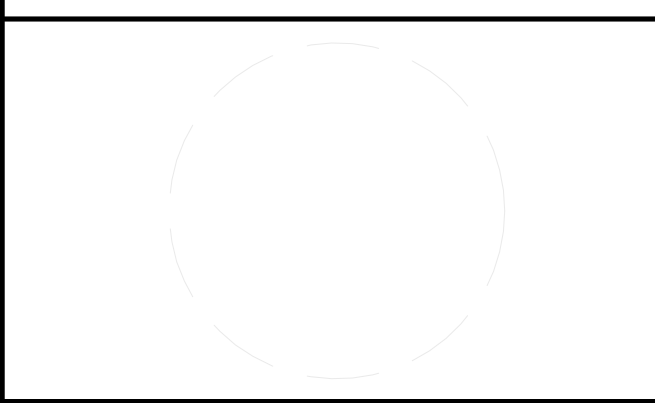
SHEET KEYNOTES

- 467 SCREW FIX MODULES TOGETHER ON SITE
- 468 50 X50MM TIMBER BLOCKING SCREW FIXED TO TIMBER DECK, NOT FIXED TO PLANTER
- 469 30-50MM MULCH MATERIAL
- 470 POLYSTYRENE FILL AROUND PLANTS
- 471 PLANTS TO REMAIN IN GROW BAGS
- 472 STEEL MESH TO SUPPORT PLANT BAG
- 473 SPONGE TO SOAK AND HOLD EXCESS WATER
- 474 WATERPROOF MEMBRANE



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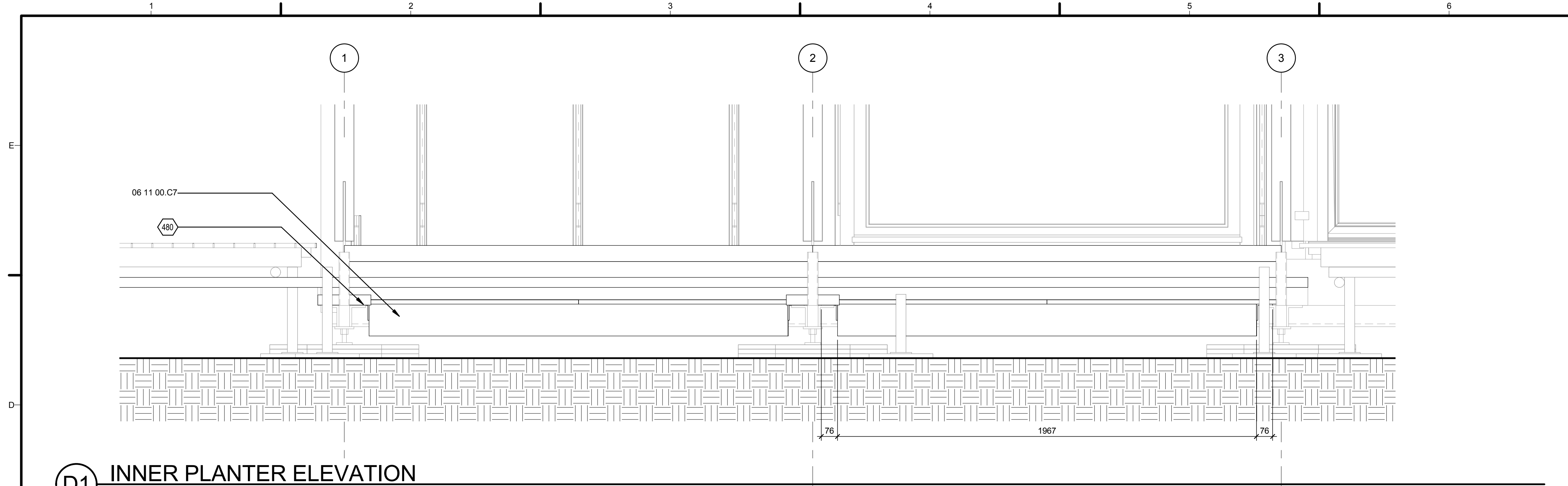


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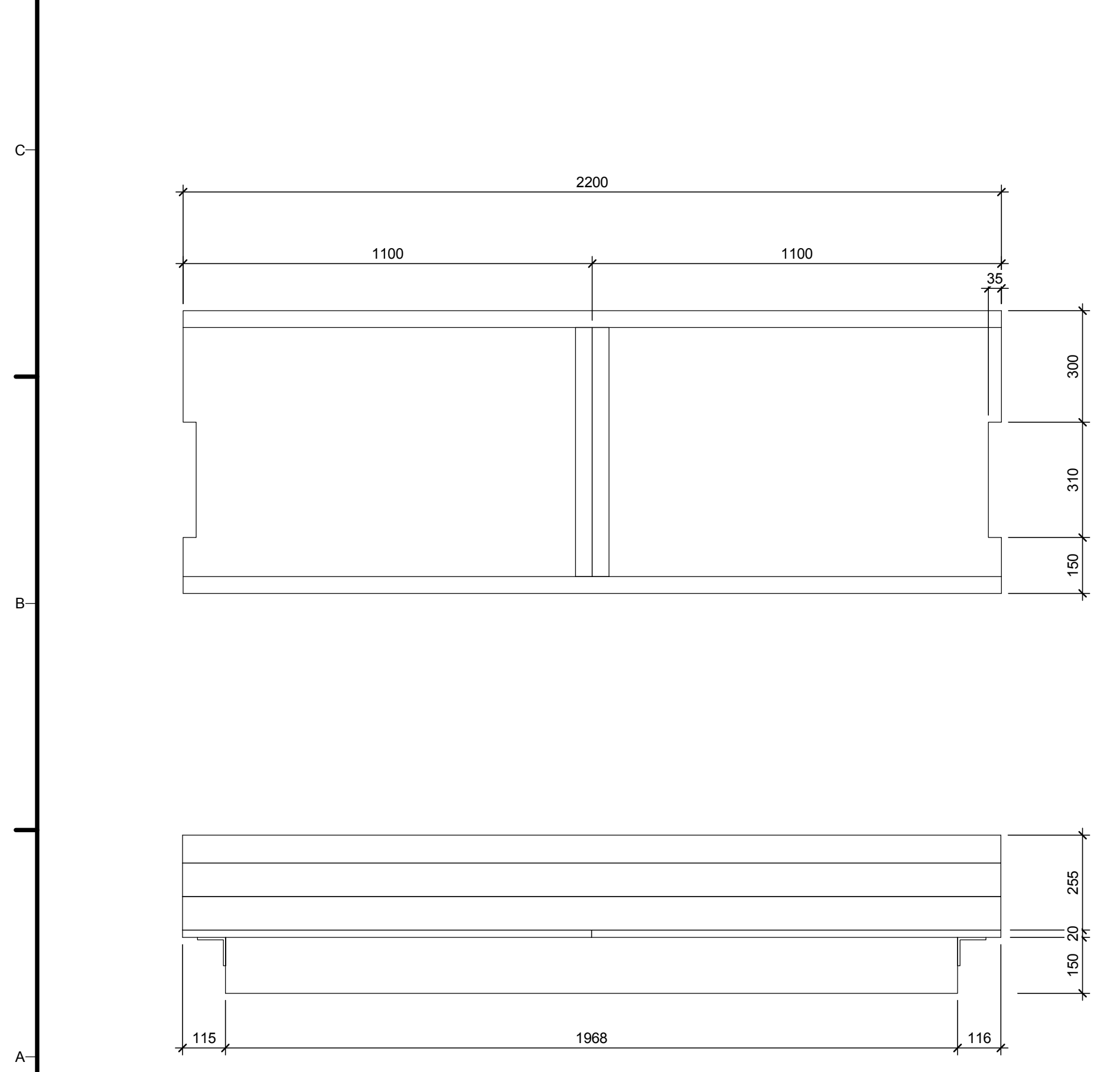
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SHEET TITLE
 TYPICAL PLANTER
 DETAILS

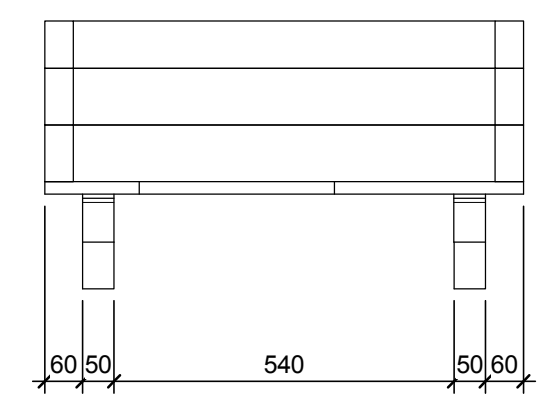
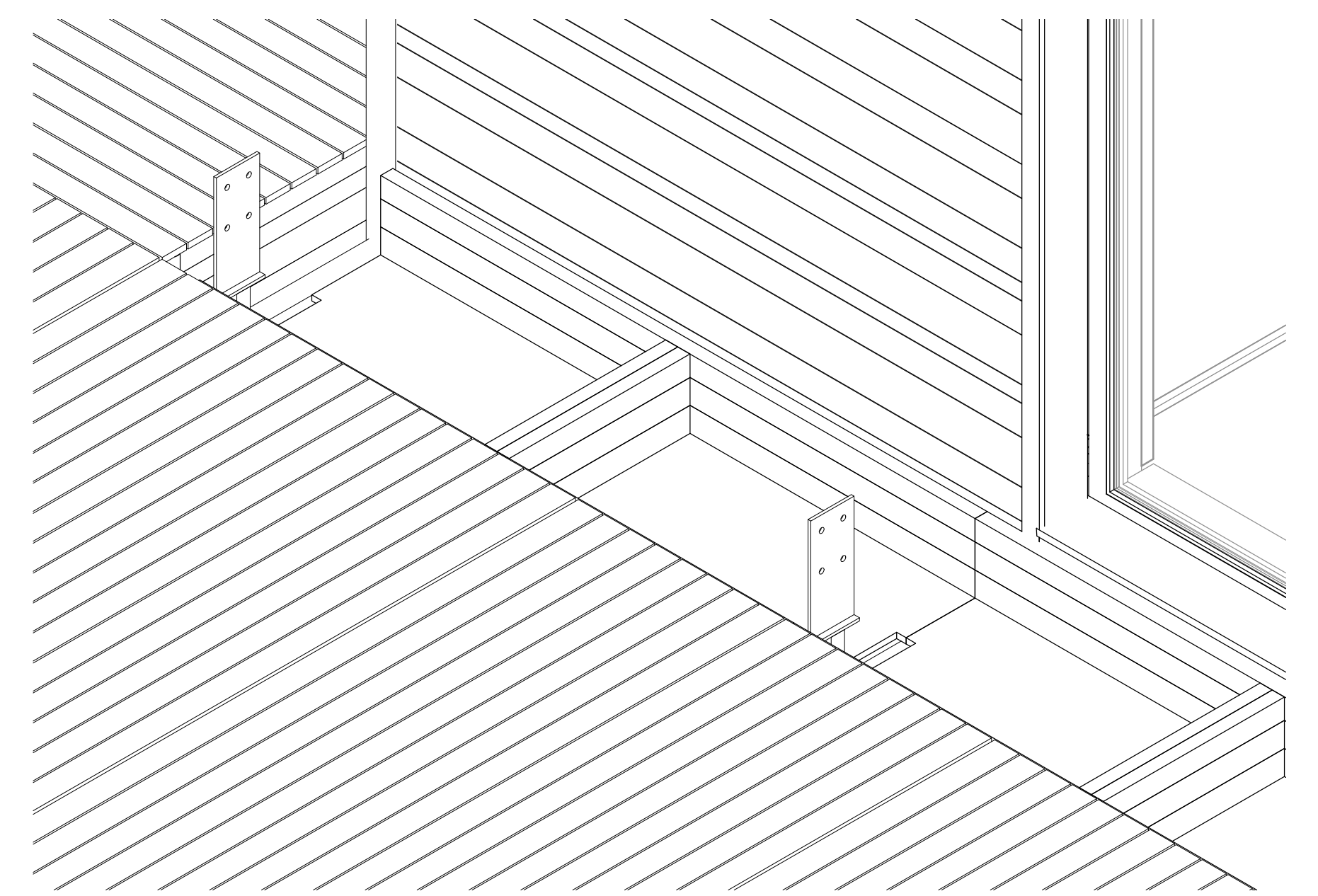
L-502



D1 INNER PLANTER ELEVATION
1:12



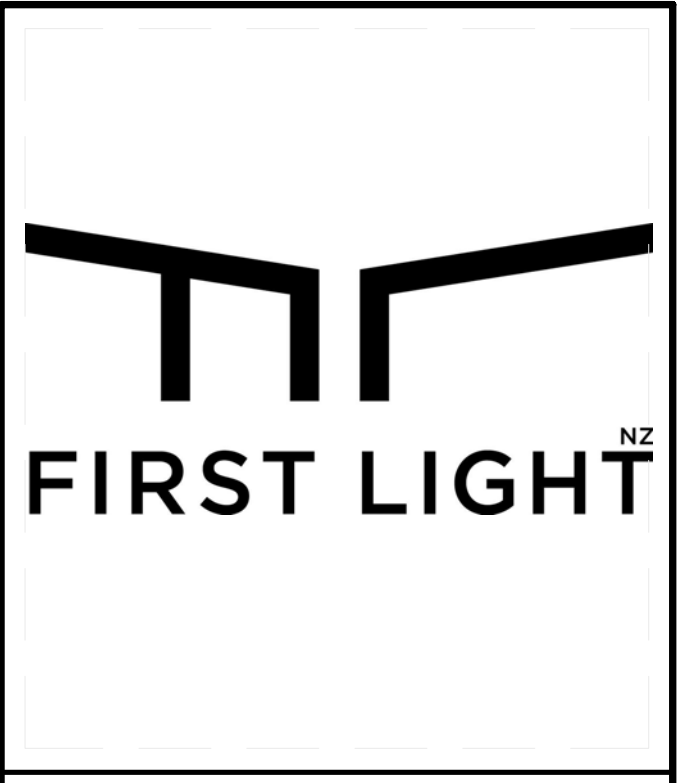
A1 INNER PLANTER DETAILS



GENERAL SHEET NOTES

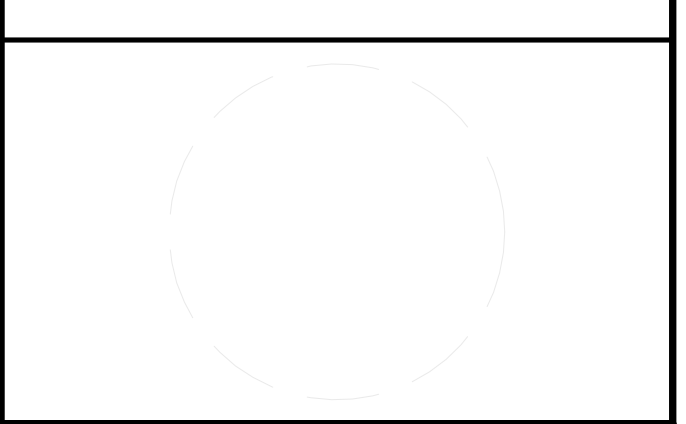
REFERENCE KEYNOTES
06 11 00.C7 240X45MM TIMBER TOP PLATE

SHEET KEYNOTES
480 75X6MM STEEL ANGLE SCREW FIXED TO JOIST, REST ON FOUNDATION FRAME ANGLE



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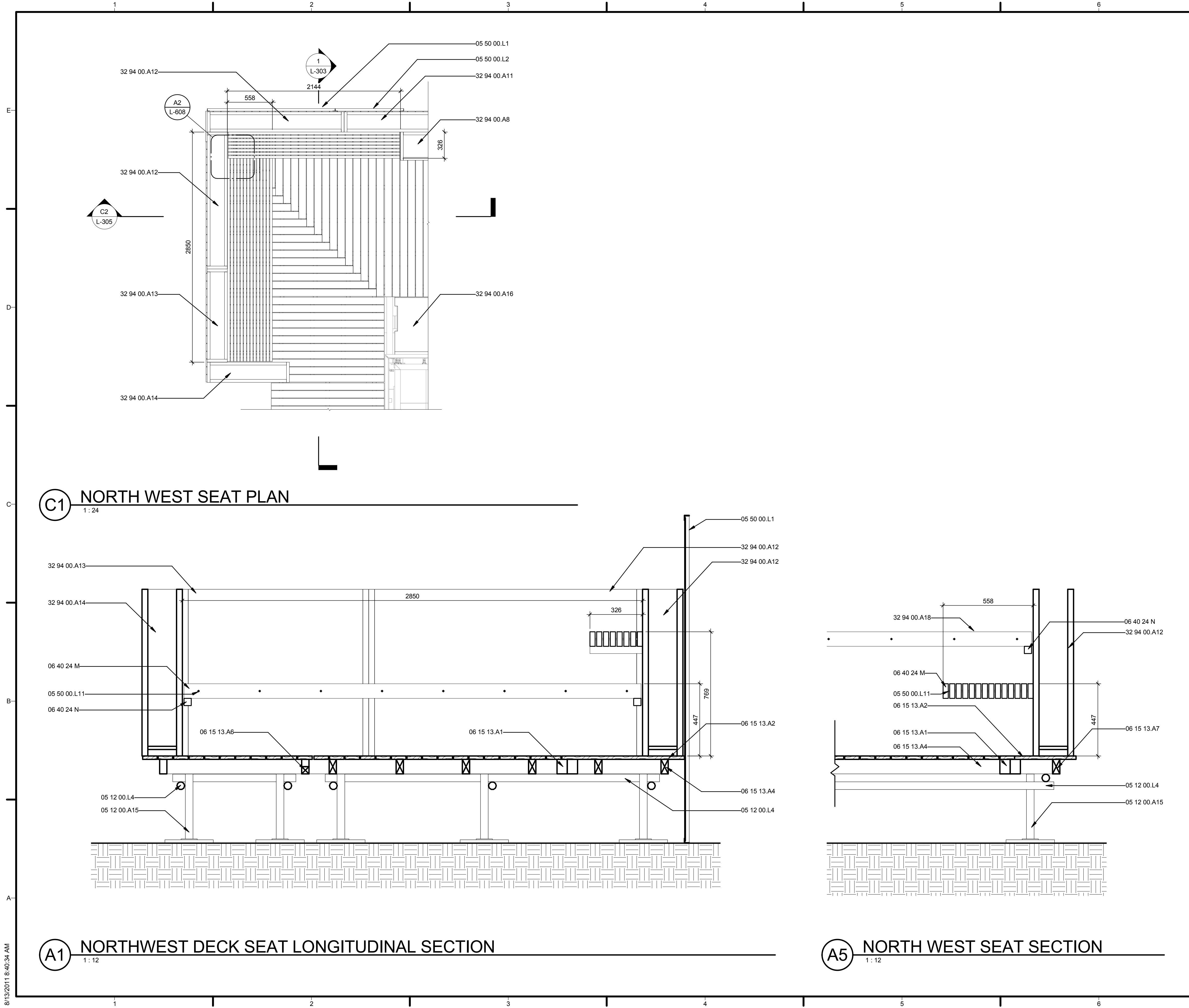
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SHEET TITLE
INNER PLANTER DETAILS

L-503

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GENERAL SHEET NOTES

GENERAL SHEET NOTES

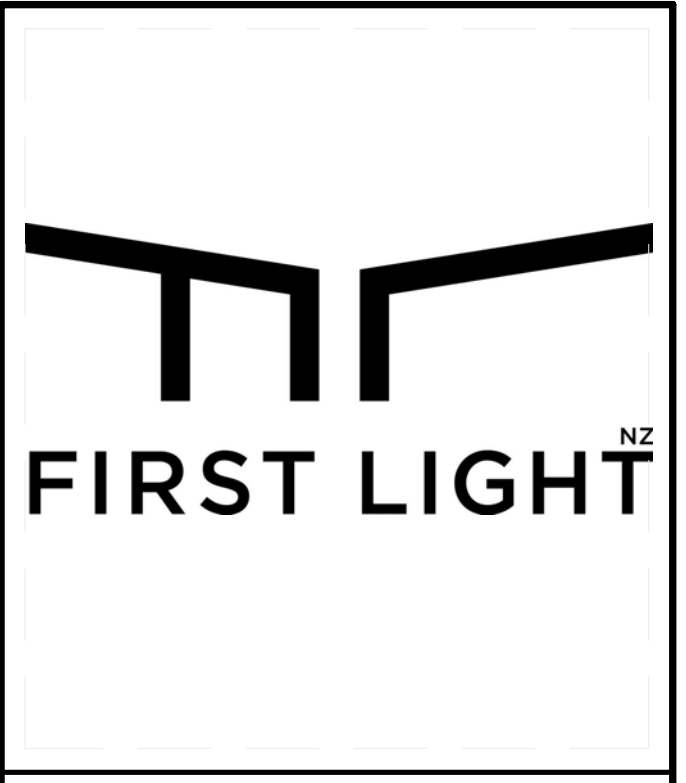
REFERENCE KEYNOTES

05 12 00.A15	300X300MM STEEL DECK SCAFFOLD FOOTING
05 12 00.L4	48MM STANDARD SCAFFOLD POLE
05 50 00.L1	LANDSCAPE SCREEN TYPE 1 - NUMBER NEEDED 2
05 50 00.L2	LANDSCAPE SCREEN TYPE 2 - NUMBER NEEDED 3
05 50 00.L11	M10 STAINLESS STEEL THREADED ROD WITH STAINLESS STEEL WASHERS AND HEX NUTS EITHER END. RECESS FIXINGS.
06 15 13.A1	90X45MM BLOCKING TIMBER
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A7	90X45MM TRIMMING JOIST
06 40 24 M	90 X 32MM TIMBER SEAT ELEMENTS, NOMINALLY AT 10MM SPACINGS
06 40 24 N	45 X 45MM TIMBER SEAT END RAIL FIXED TO PLANTERS
32 94 00.A8	TYPICAL PLANTER TYPE 8 - 1184L X 350W X 774H MM
32 94 00.A11	TYPICAL PLANTER TYPE 11 - 1184L X 250W X 1032H MM
32 94 00.A12	TYPICAL PLANTER TYPE 12 - 1696L X 250W X 1032H MM
32 94 00.A13	TYPICAL PLANTER TYPE 13 - 1154L X 250W X 1032H MM
32 94 00.A14	TYPICAL PLANTER TYPE 14 - 1018L X 250W X 1032H MM
32 94 00.A16	INNER PLANTER BOX
32 94 00.A18	TIMBER SEAT FIXED TO PLANTERS

SHEET KEYNOTES

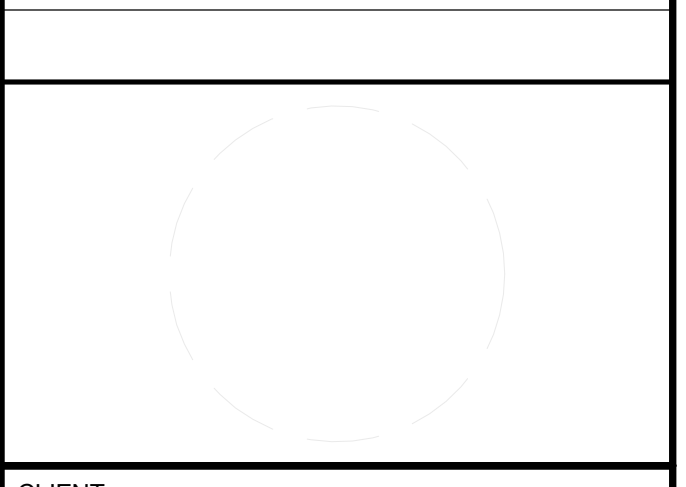
SHEET KEYNOTES

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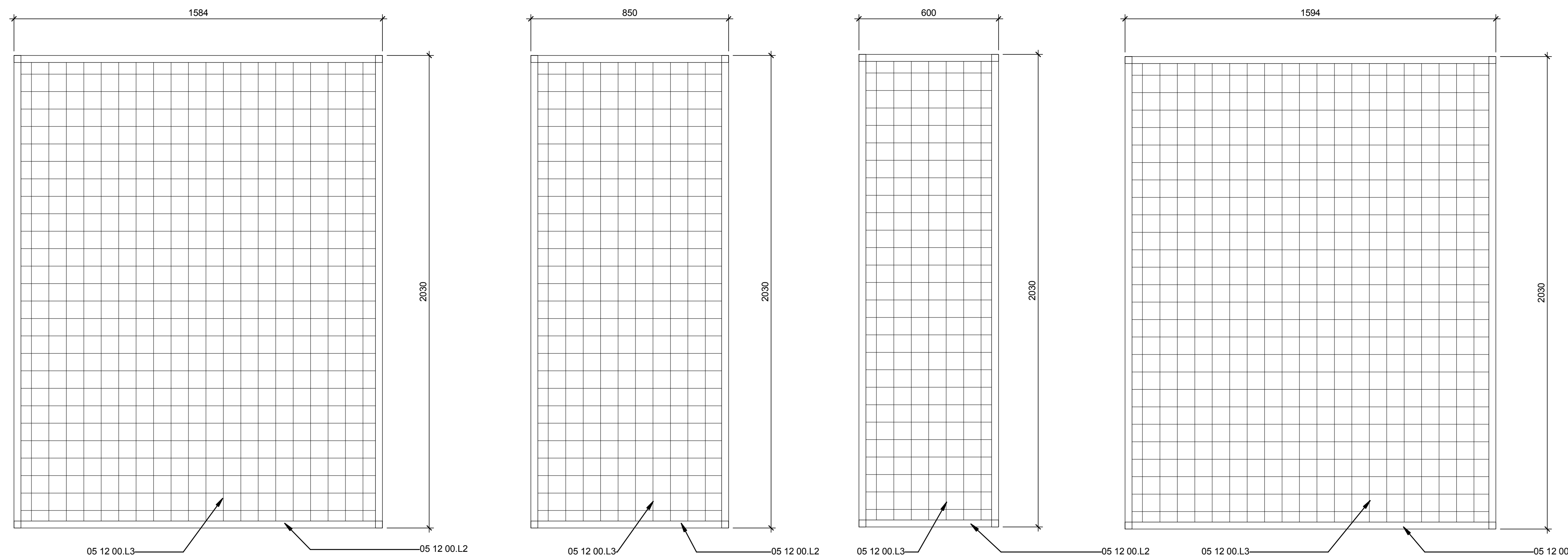


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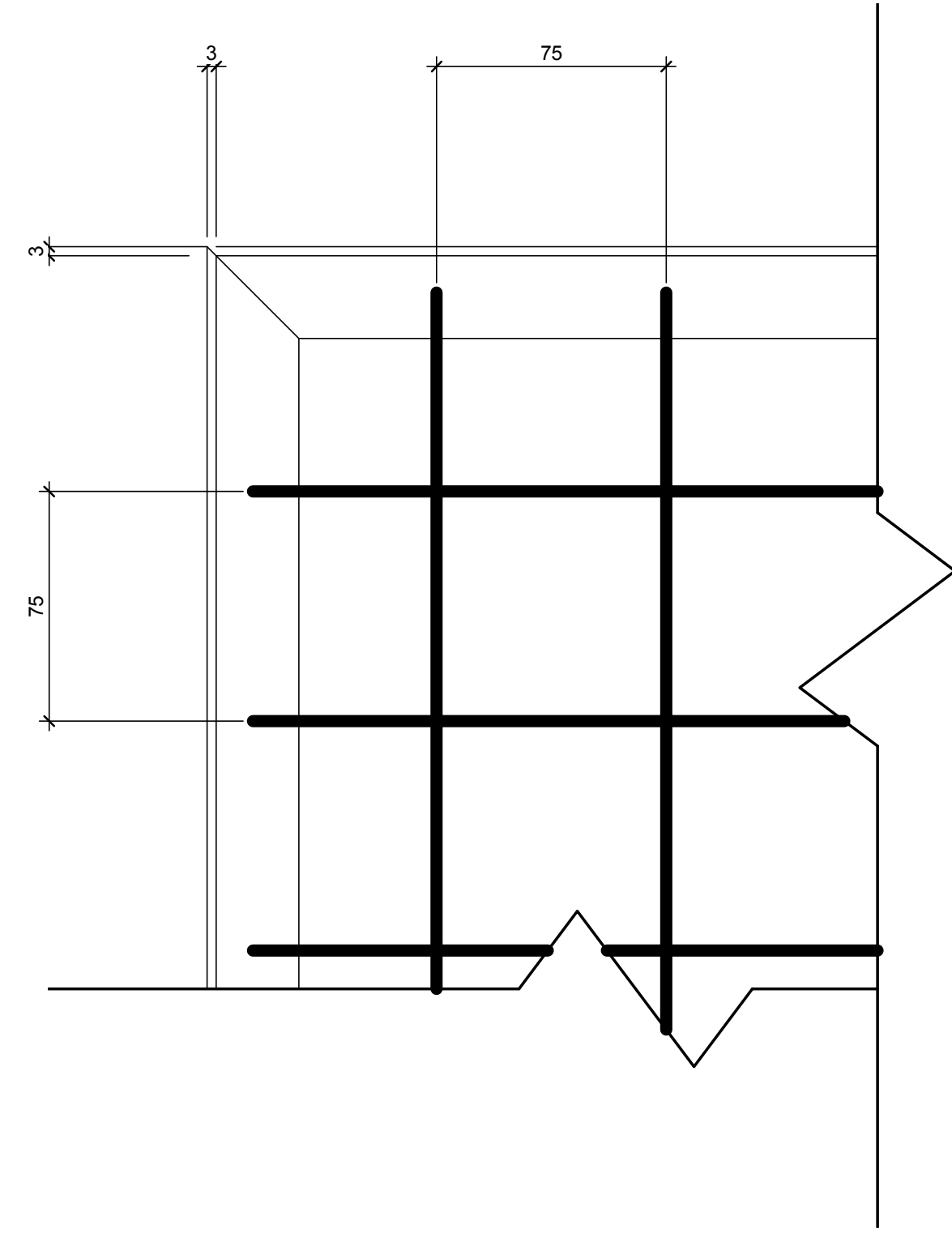
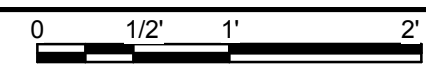
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SHEET TITLE
NORTH WEST SEAT DETAILS

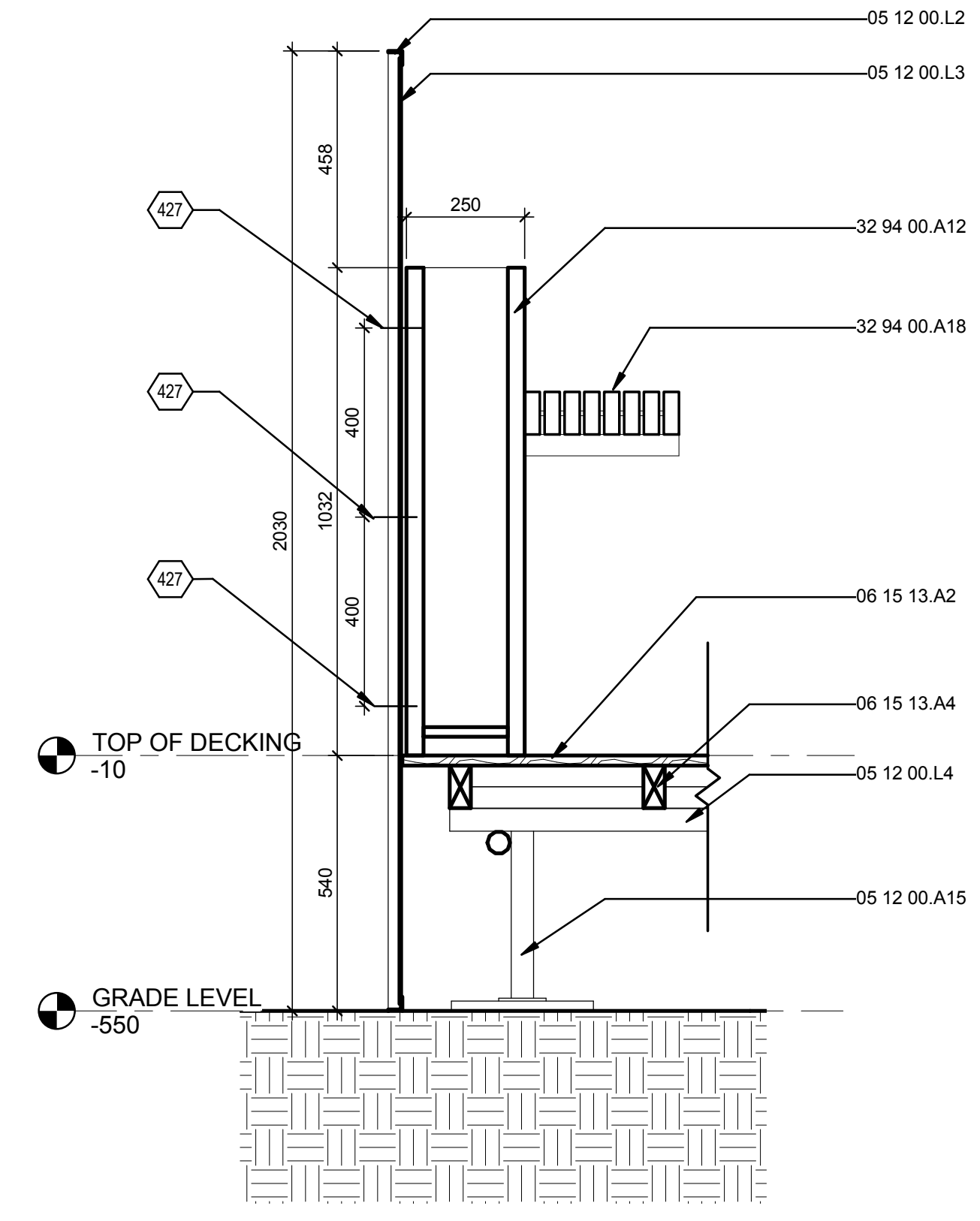
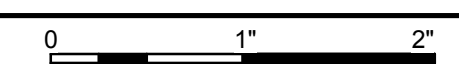
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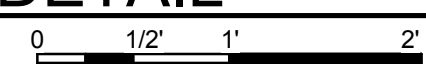
C1 SCREEN MODULE DETAILS
1:12



A1 STEEL SCREEN CORNER DETAIL
1:2



A4 STEEL SCREEN AND PLANTER SECTION DETAIL
1:12



GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 12 00.A15	300X300MM STEEL DECK SCAFFOLD FOOTING
05 12 00.L2	30X30X3MM UA STEEL SCREEN FRAME
05 12 00.L3	75X75MM STEEL REINFORCING MESH
05 12 00.L4	48MM STANDARD SCAFFOLD POLE
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
32 94 00.A8	TYPICAL PLANTER TYPE 8 - 1184L X 350W X 774H MM
32 94 00.A12	TYPICAL PLANTER TYPE 12 - 1696L X 250W X 1032H MM
32 94 00.A18	TIMBER SEAT FIXED TO PLANTERS

SHEET KEYNOTES

425	CORNER JOINT MITRED AND SEAM WELDED
426	STEEL MESH SPOT WELDED TO STEEL FRAME
427	SCREEN HUNG ON STEEL HOOKS SCREW FIXED TO PLANTERS - POSITIONED TO SUIT SITE LEVEL CHANGES



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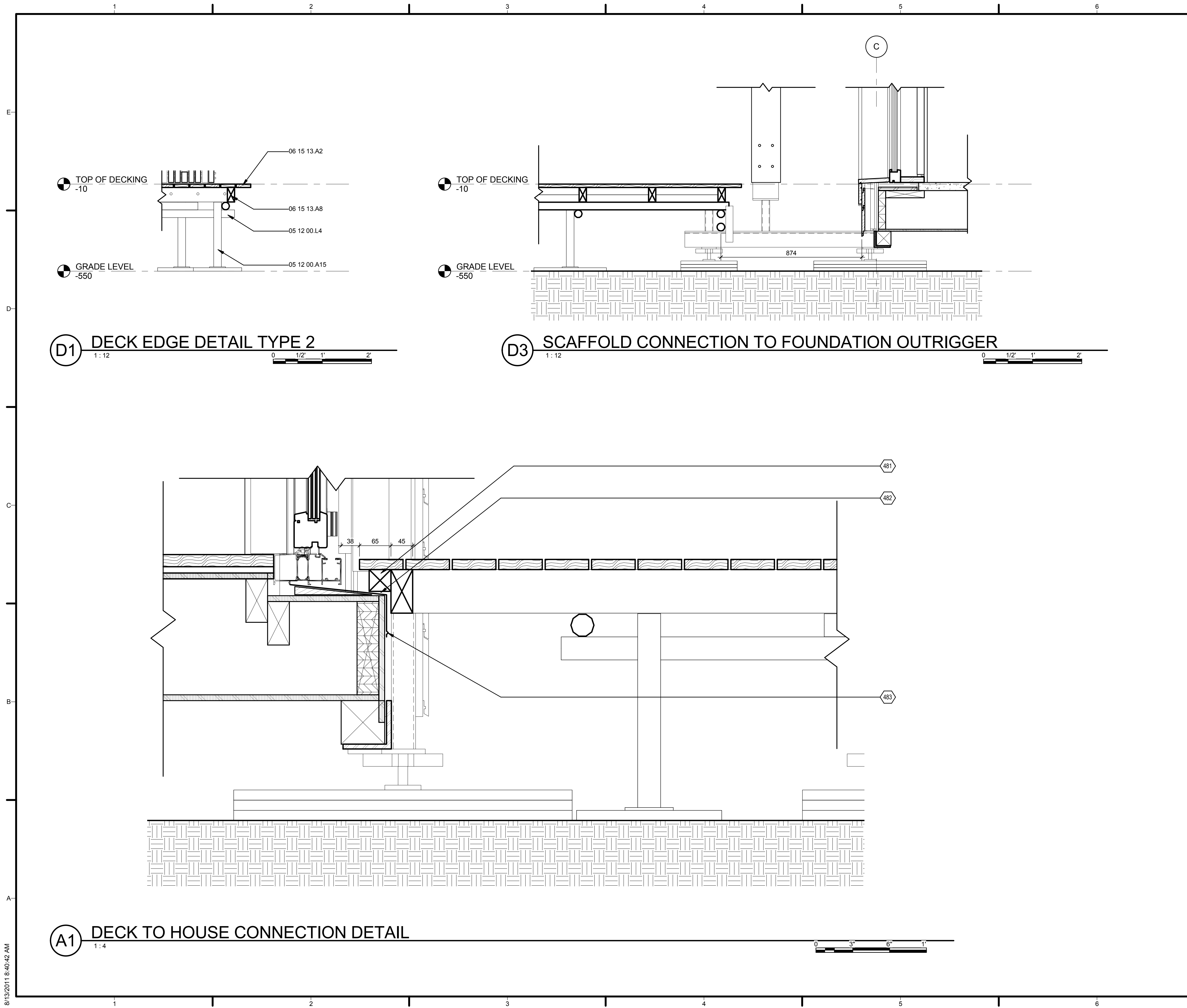
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SHEET TITLE
SCREEN DETAILS

L-509

8/13/2011 8:40:38 AM



D1 DECK EDGE DETAIL TYPE 2
1:12

D3 SCAFFOLD CONNECTION TO FOUNDATION OUTRIGGER
1:12

A1 DECK TO HOUSE CONNECTION DETAIL
1:4

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A15 300X300MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.L4 48MM STANDARD SCAFFOLD POLE
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A8 90X45MM TIMBER END JOIST

SHEET KEYNOTES

- 481 PLANE HALF JOIST ON SITE TO SIT ON SILL
- 482 5-7MM PACKER (100-150MM LONG) UNDER HALF JOIST AT 450MM CENTRES.
- 483 DO NOT FIX THROUGH FLASHING



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DECK DETAILS

L-510

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SHEET TITLE
**DECK MODULE TYPES
 A & B**

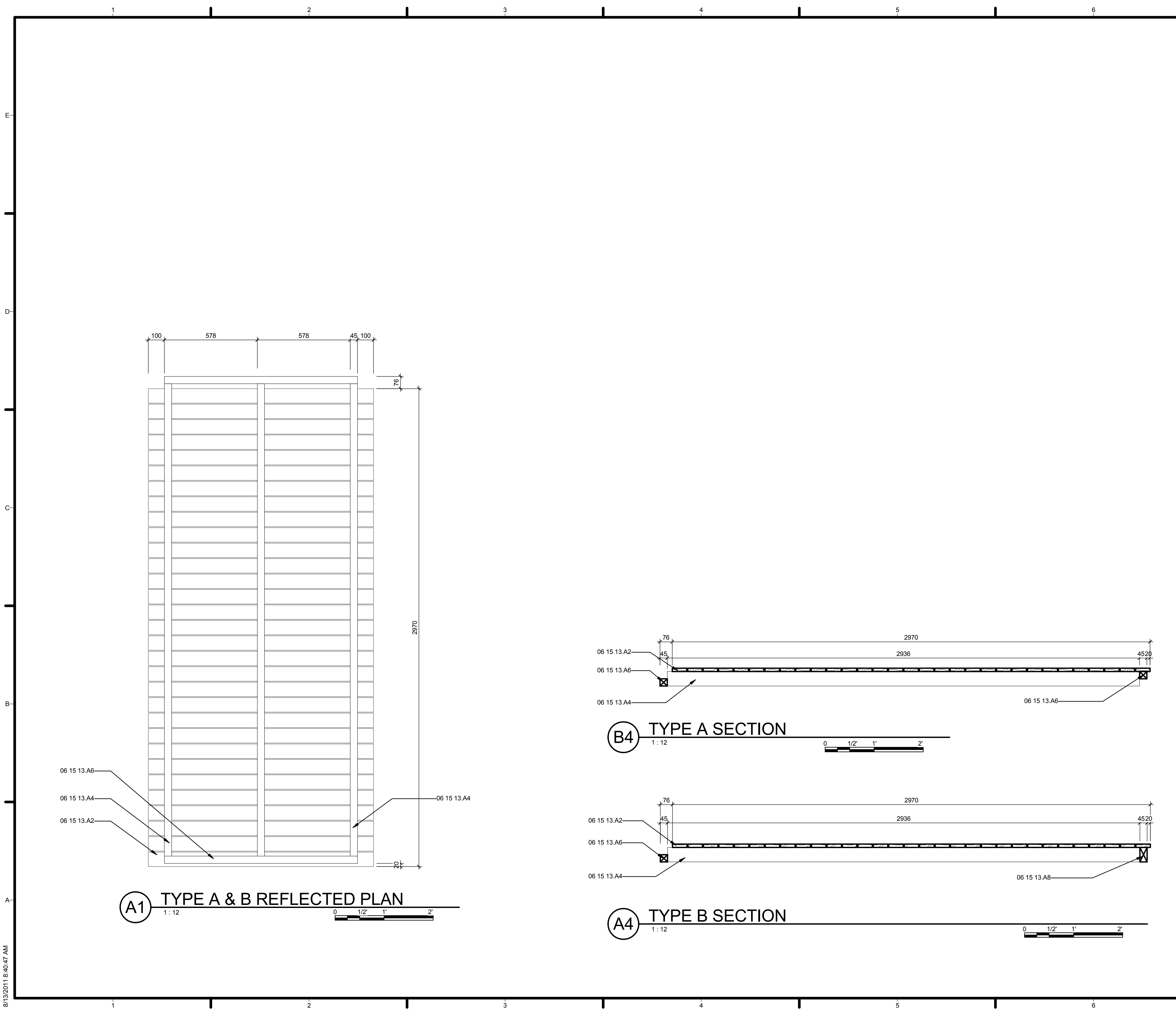
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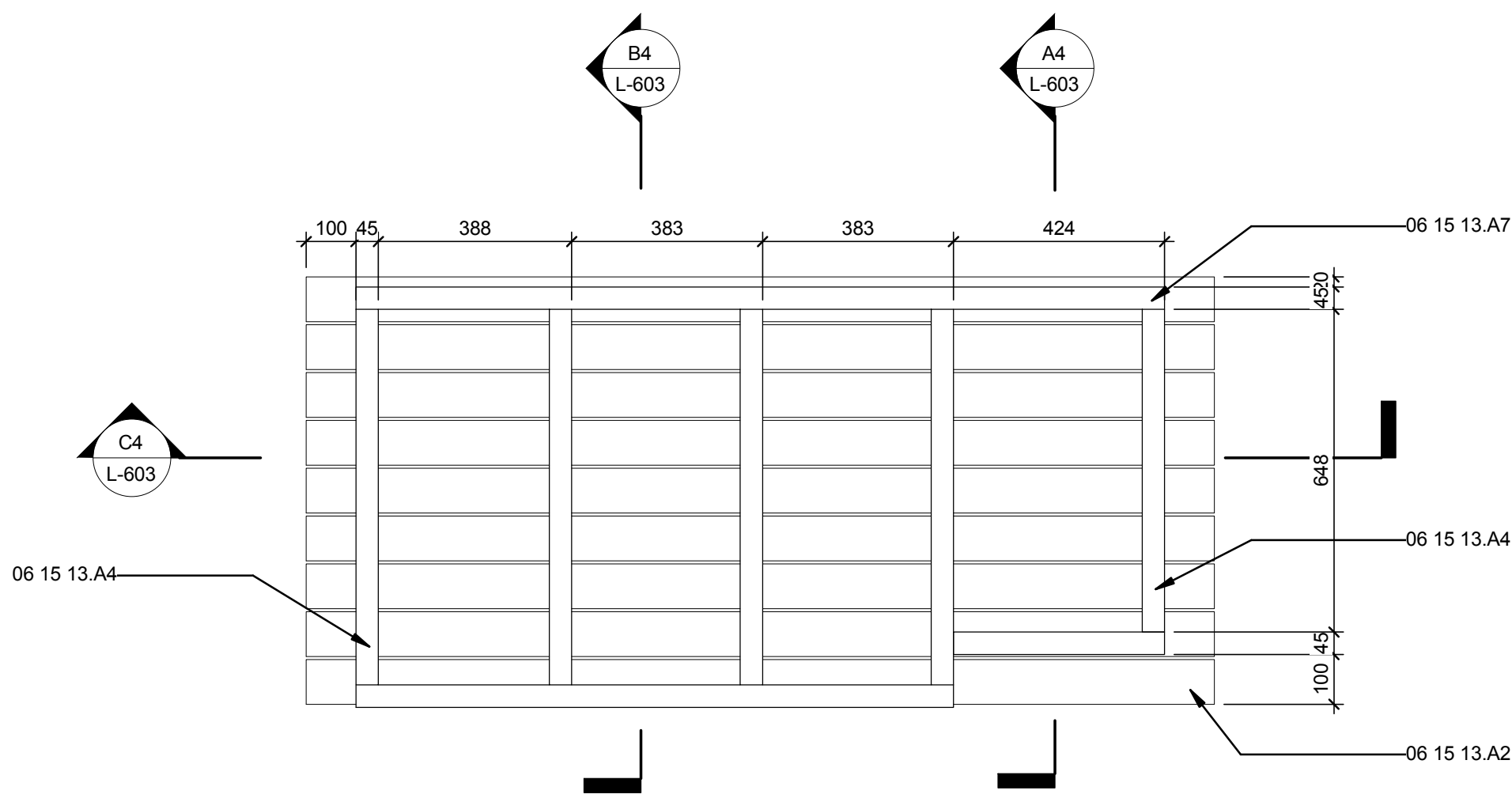
GENERAL SHEET NOTES

REFERENCE KEYNOTES

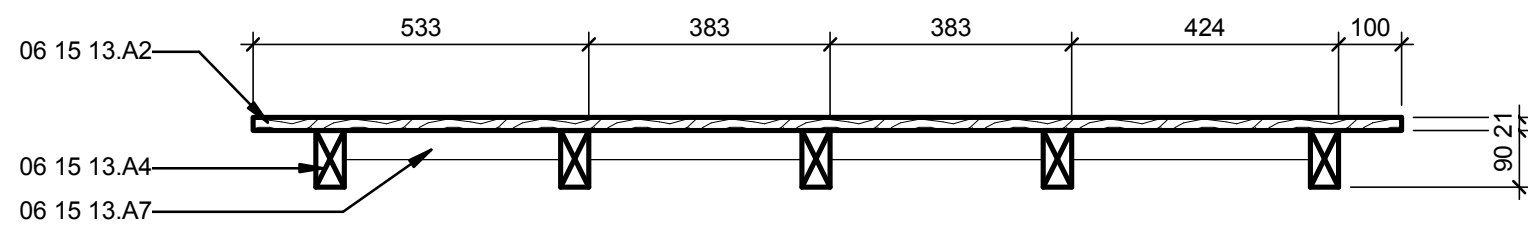
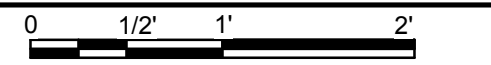
06 15 13.A2 90X21MM DECKING TIMBER
 06 15 13.A4 90X45MM TIMBER JOISTS
 06 15 13.A6 45X45MM TIMBER HALF JOIST
 06 15 13.A8 90X45MM TIMBER END JOIST

SHEET KEYNOTES

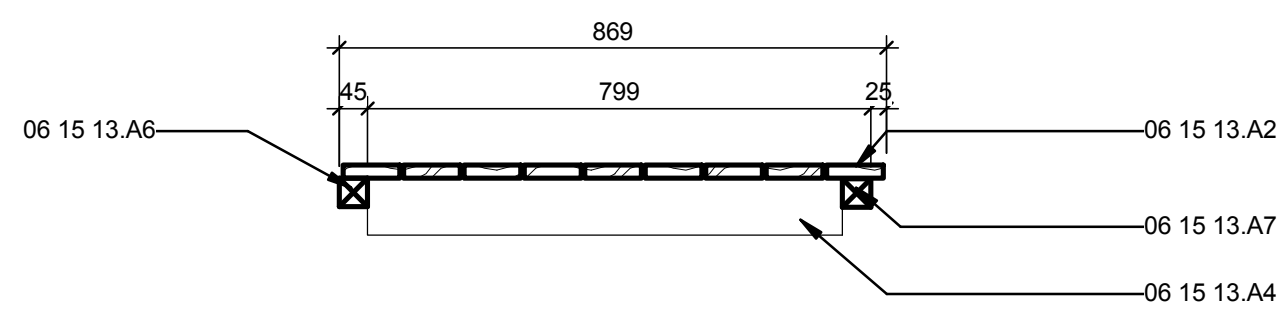
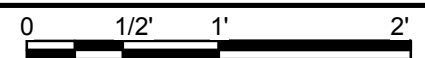




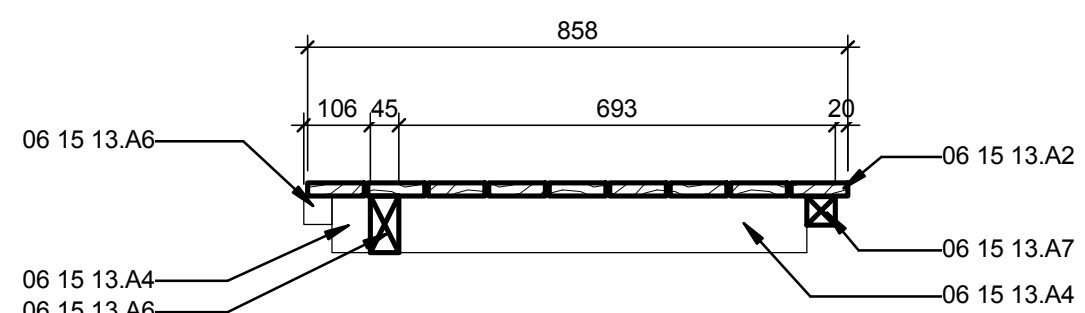
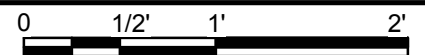
(D4) TYPE C REFLECTED PLAN
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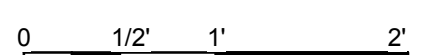
(C4) TYPE C LONGITUDINAL SECTION
1:12



(B4) TYPE C CROSS SECTION 1
1:12



(A4) TYPE C CROSS SECTION 2
1:12



GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A7	90X45MM TRIMMING JOIST

SHEET KEYNOTES



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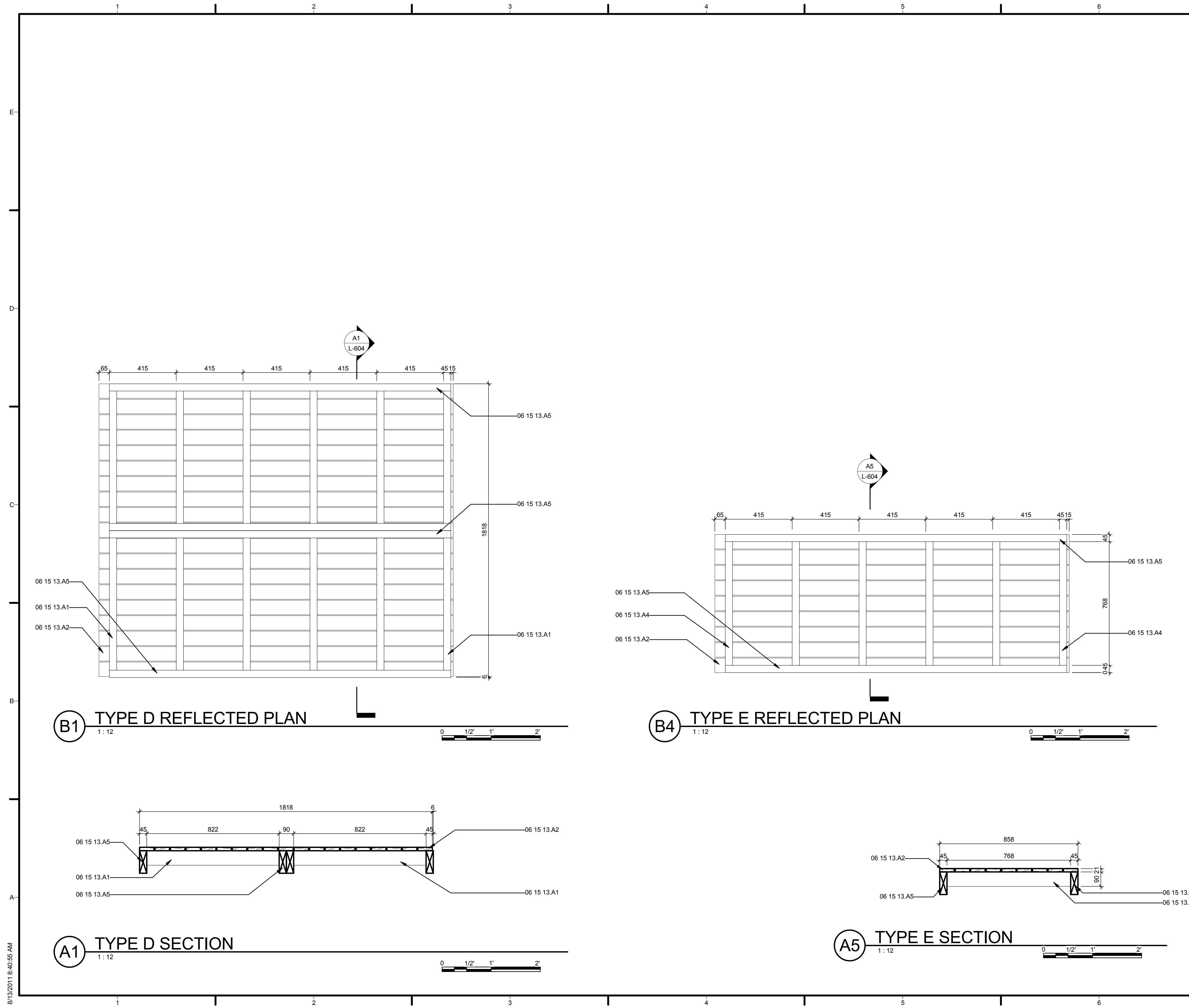
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SHEET TITLE
 DECK MODULE TYPE C

L-603

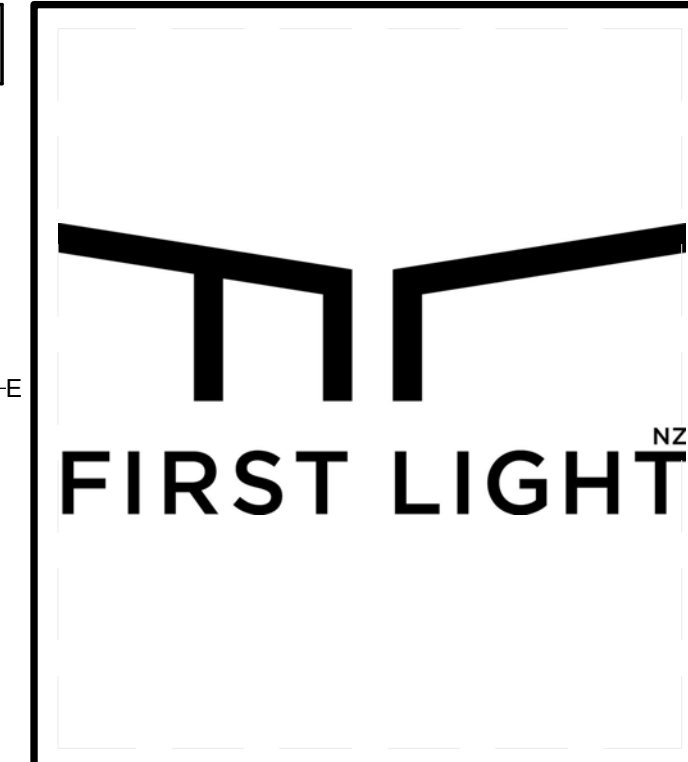


GENERAL SHEET NOTES

REFERENCE KEYNOTES

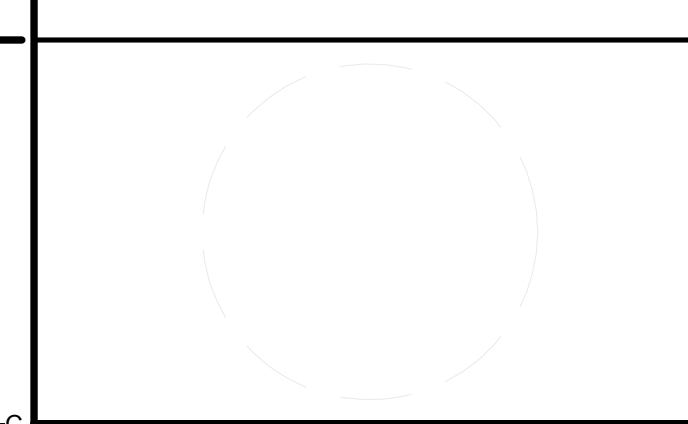
06 15 13.A1	90X45MM BLOCKING TIMBER
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A5	140X45MM TIMBER JOIST

SHEET KEYNOTES



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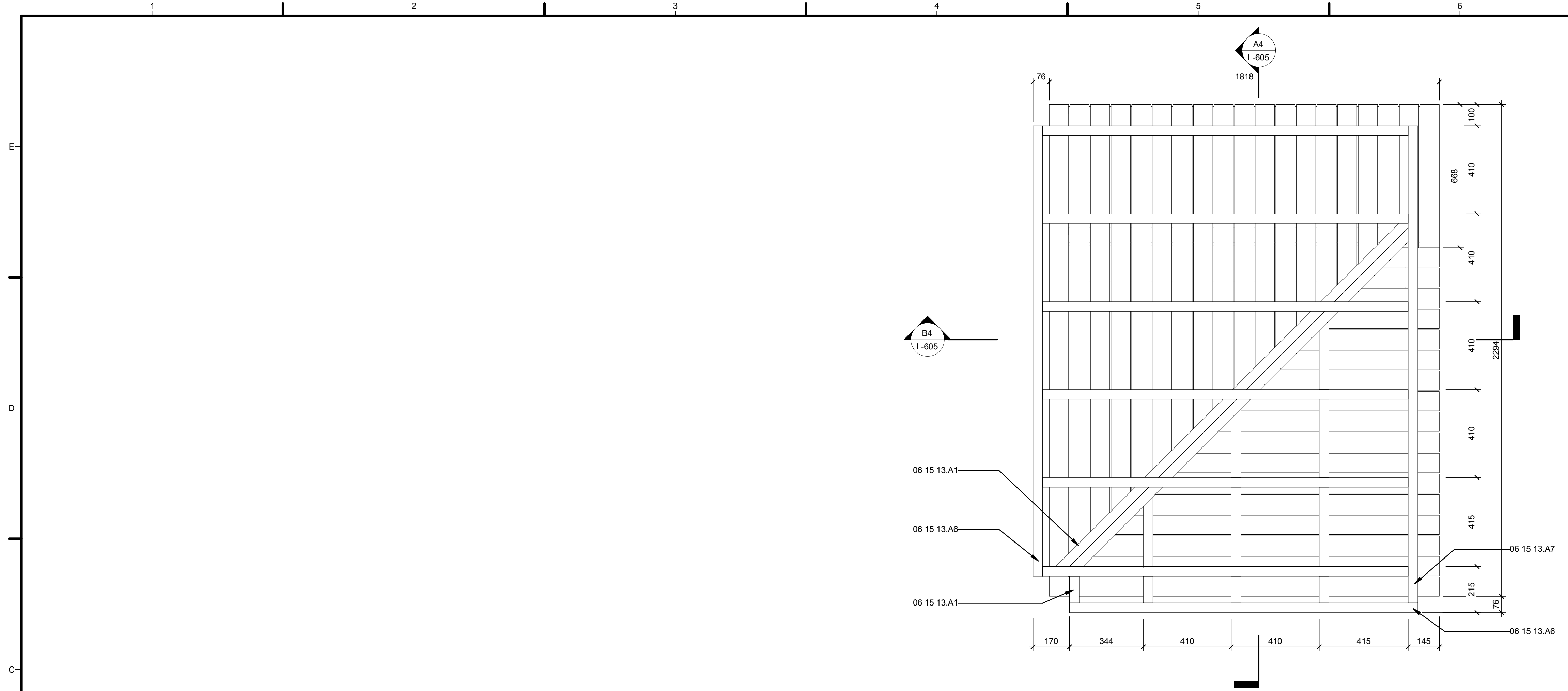
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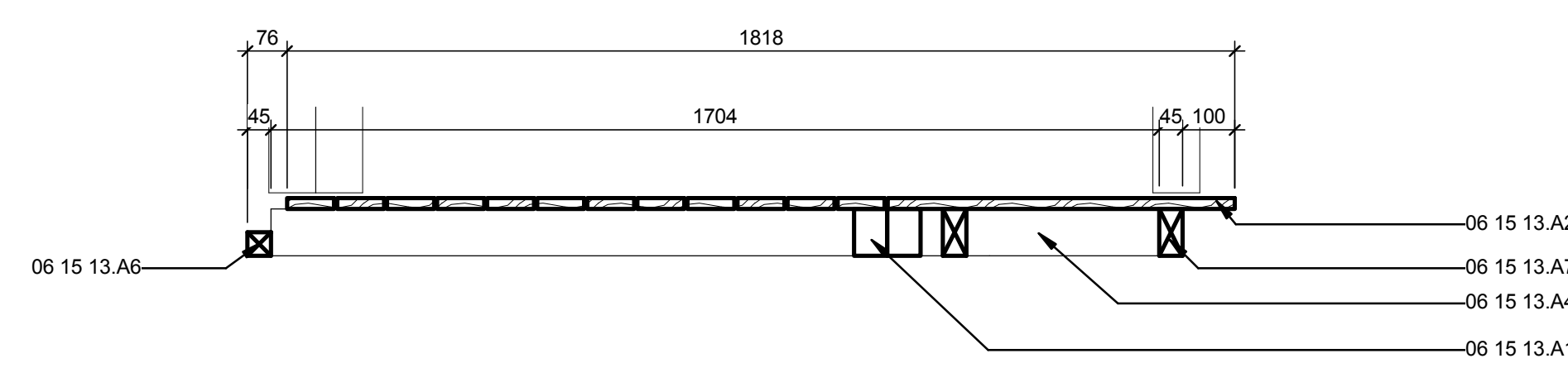
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SHEET TITLE
DECK MODULE TYPE D & E

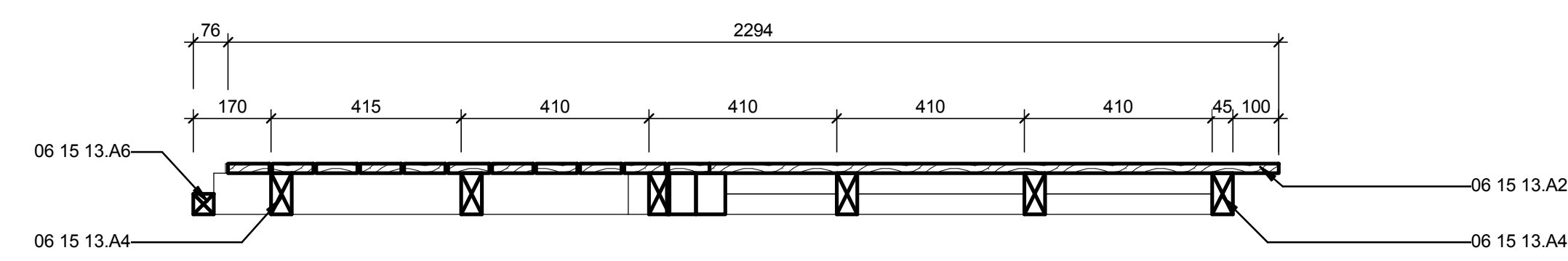
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C4 TYPE F REFLECTED PLAN
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B4 TYPE F SECTION 1
1:12



A4 TYPE F SECTION 2
1:12

GENERAL SHEET NOTES

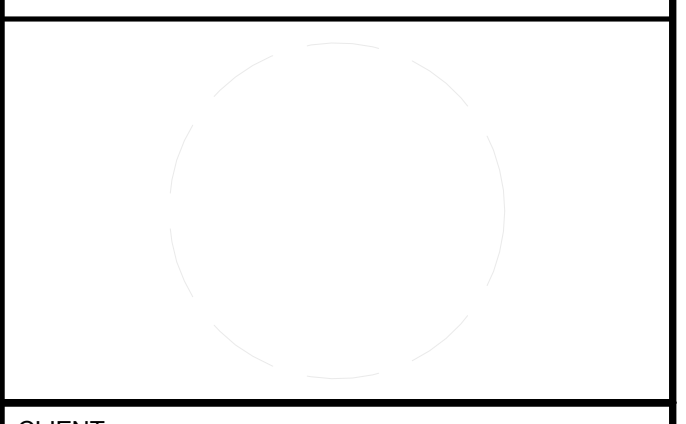
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- 06 15 13.A1 90X45MM BLOCKING TIMBER
- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A6 45X45MM TIMBER HALF JOIST
- 06 15 13.A7 90X45MM TRIMMING JOIST

SHEET KEYNOTES

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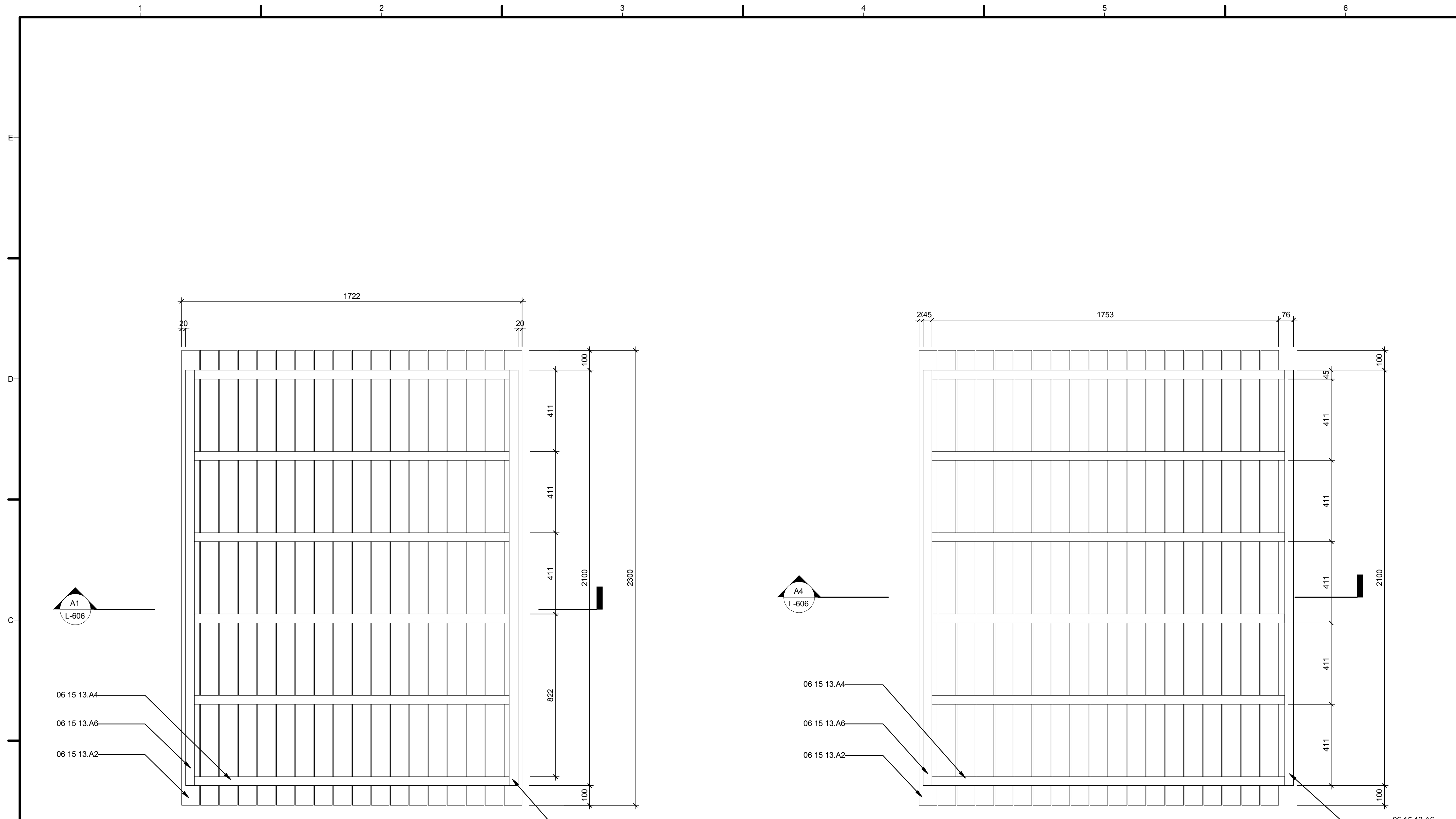
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SHEET TITLE
DECK MODULE TYPE F

L-605



(B1) TYPE G REFLECTED PLAN
1:12

(B4) TYPE H REFLECTED PLAN
1:12

(A1) TYPE G SECTION
1:12

(A4) TYPE H SECTION
1:12

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A6 45X45MM TIMBER HALF JOIST

SHEET KEYNOTES



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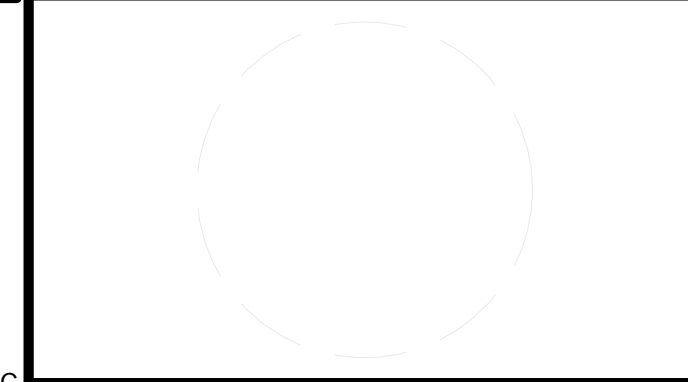
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DECK MODULE TYPE G & H

L-606



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SHEET TITLE
 DECK MODULE TYPE J
 & K

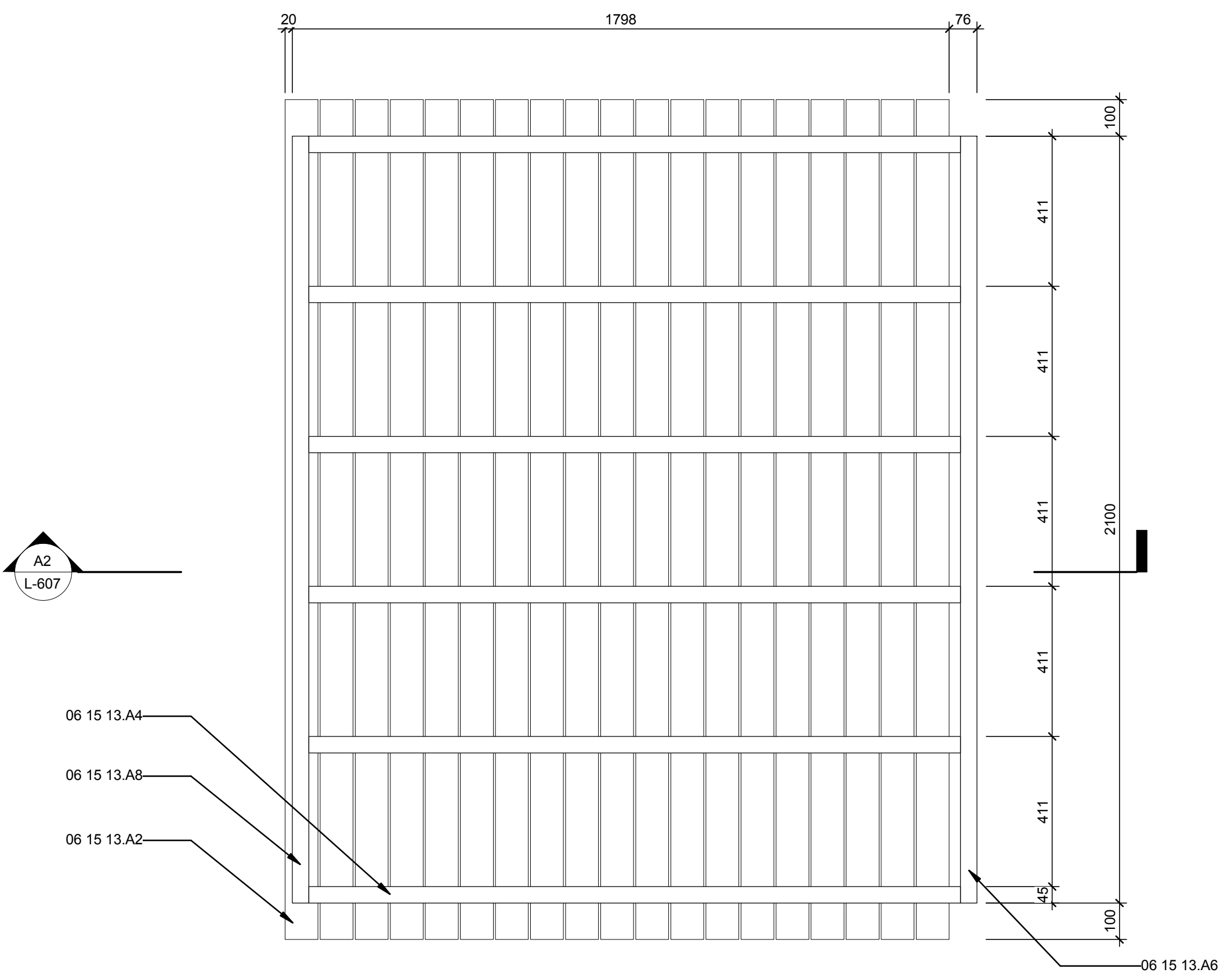
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GENERAL SHEET NOTES

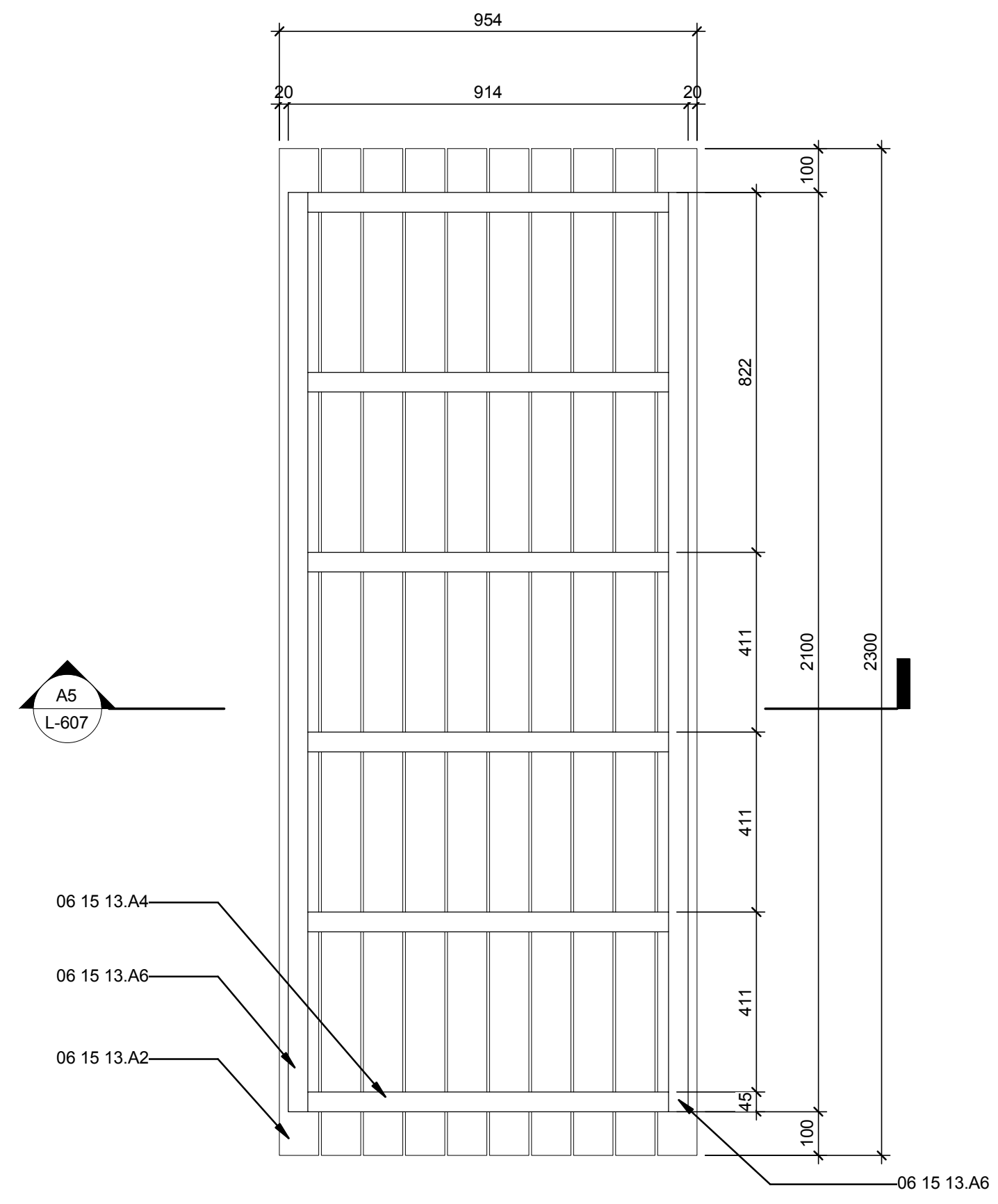
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06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A8	90X45MM TIMBER END JOIST

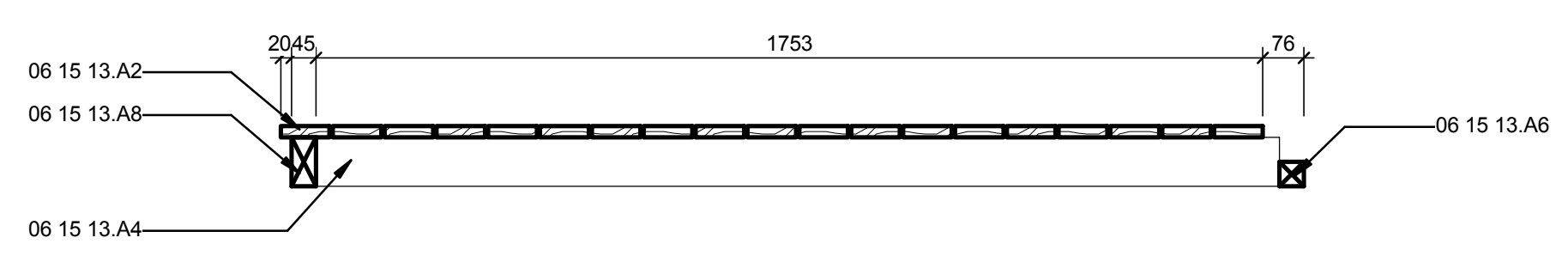
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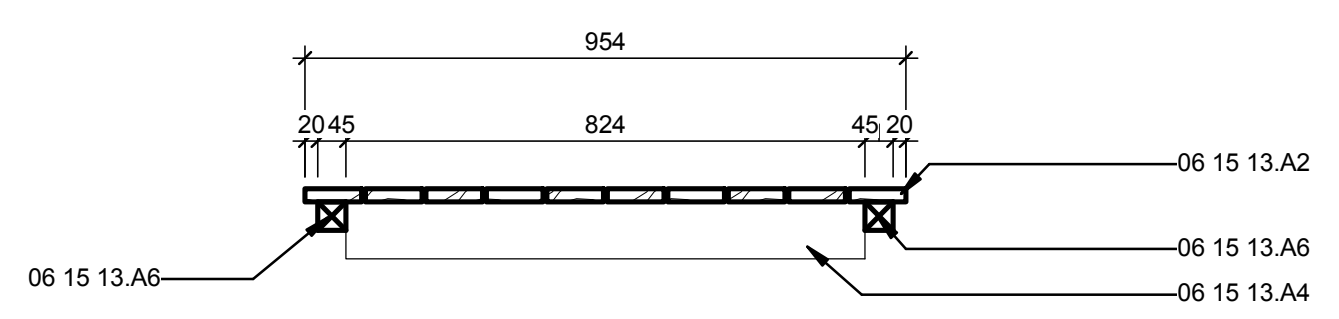
B2 TYPE J REFLECTED PLAN
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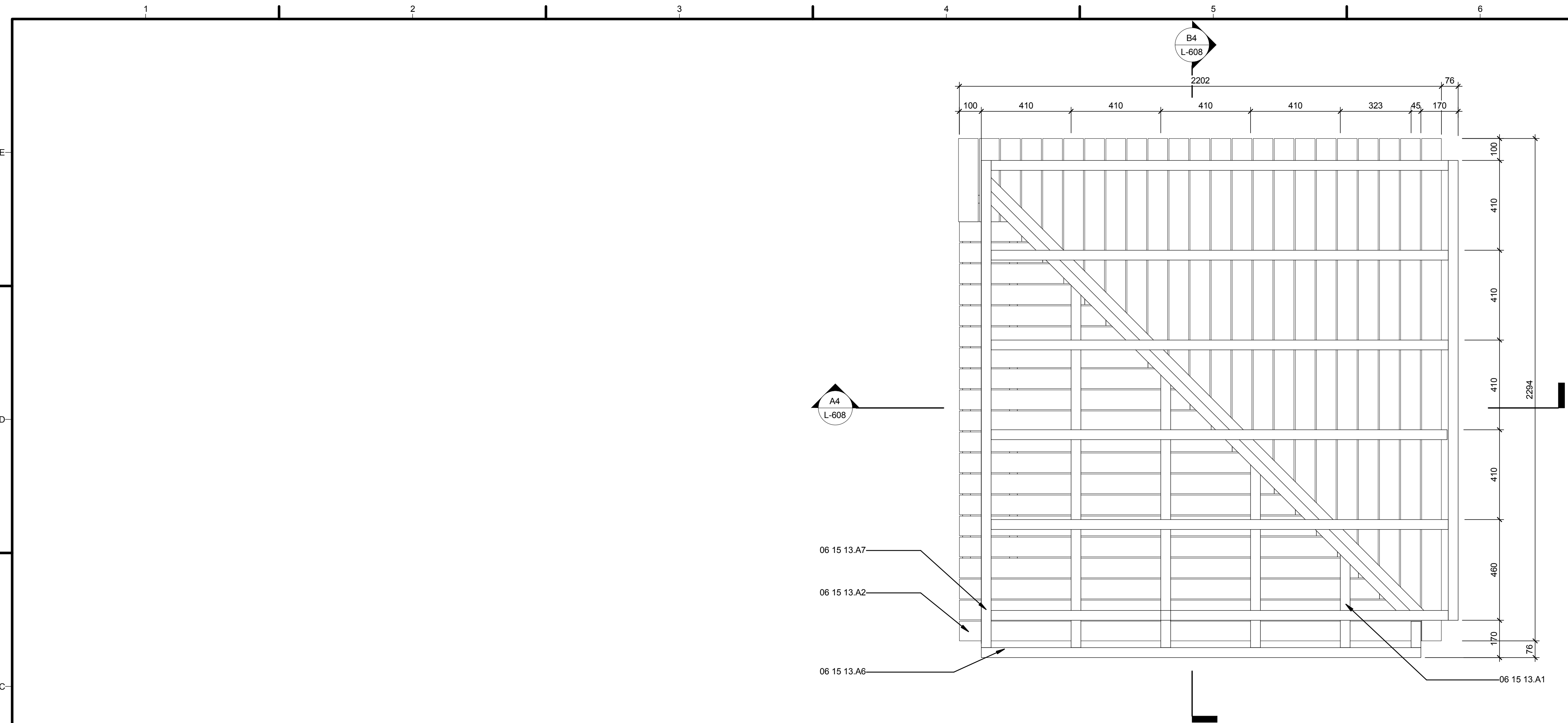
B5 TYPE K REFLECTED PLAN
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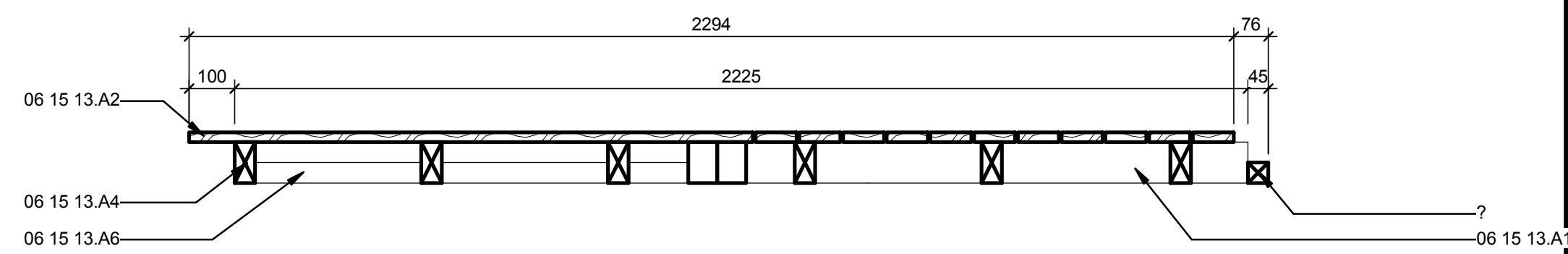
A2 TYPE J SECTION
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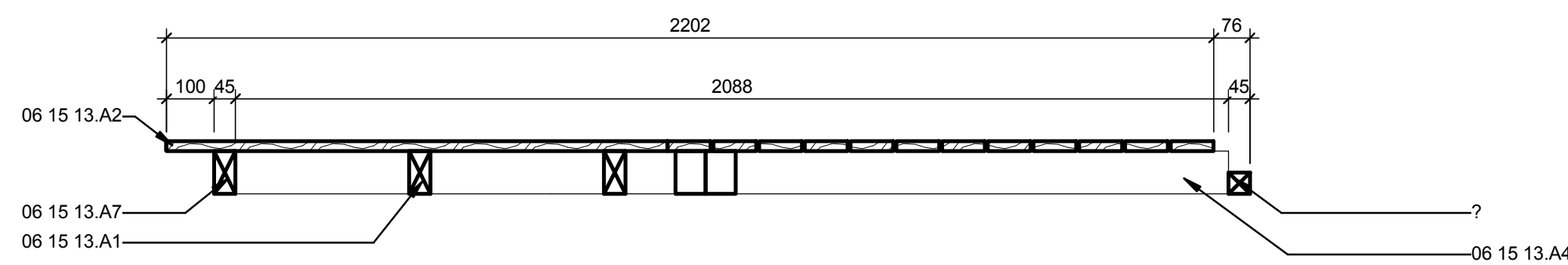
A5 TYPE K SECTION
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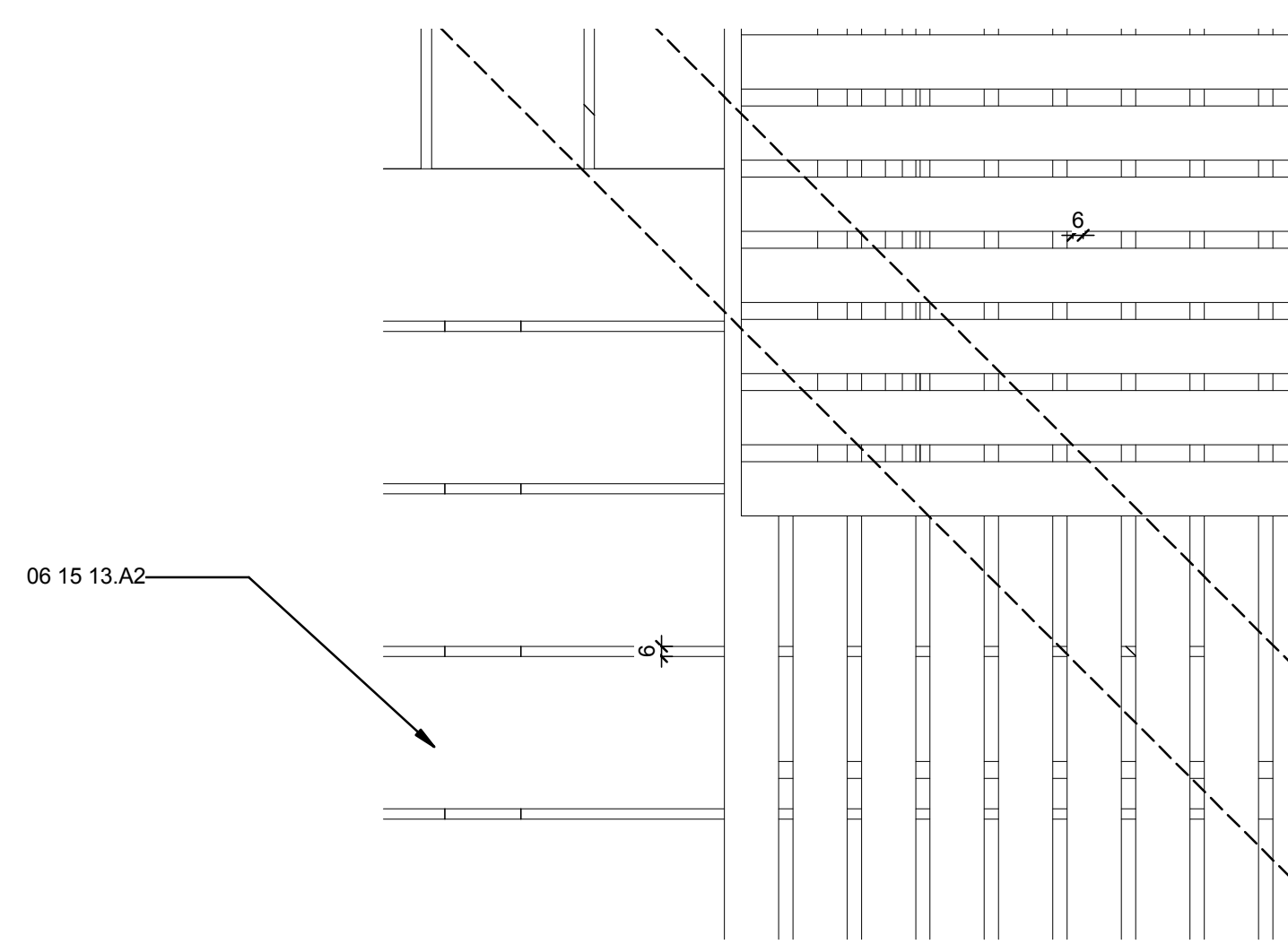
C4 TYPE L REFLECTED PLAN
1:12



B4 TYPE L SECTION A-A
1:12



A4 TYPE L SECTION B-B
1:12



A2 HERRINGBONE CORNER DETAIL
1:4

GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 15 13.A1	90X45MM BLOCKING TIMBER
06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A7	90X45MM TRIMMING JOIST

SHEET KEYNOTES



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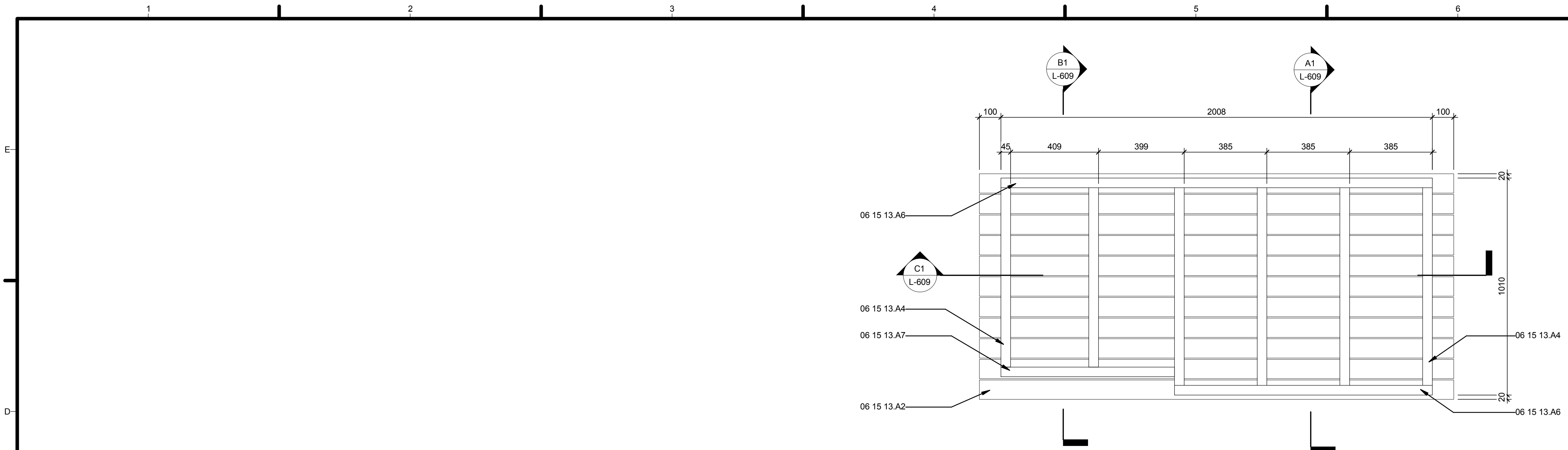
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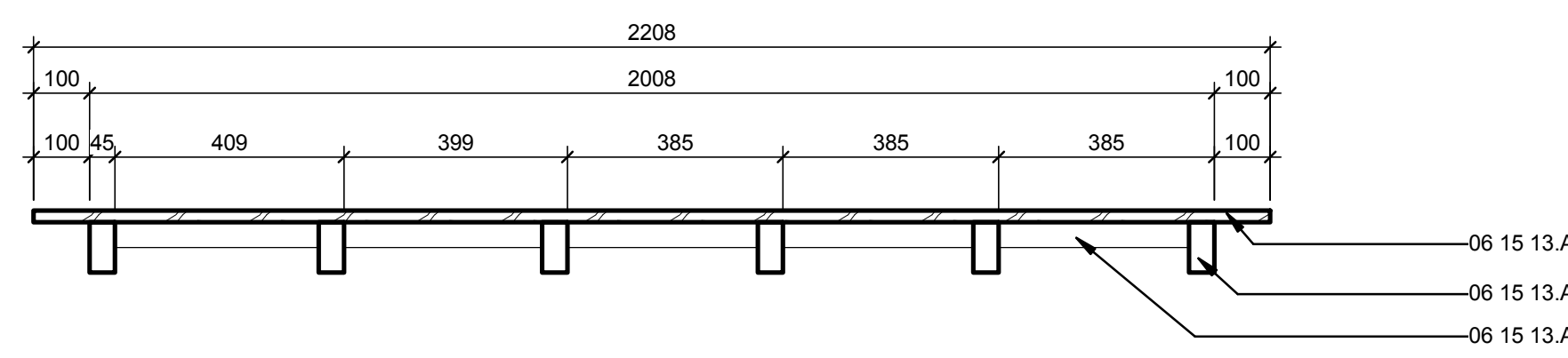
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SHEET TITLE
 DECK MODULE TYPE L

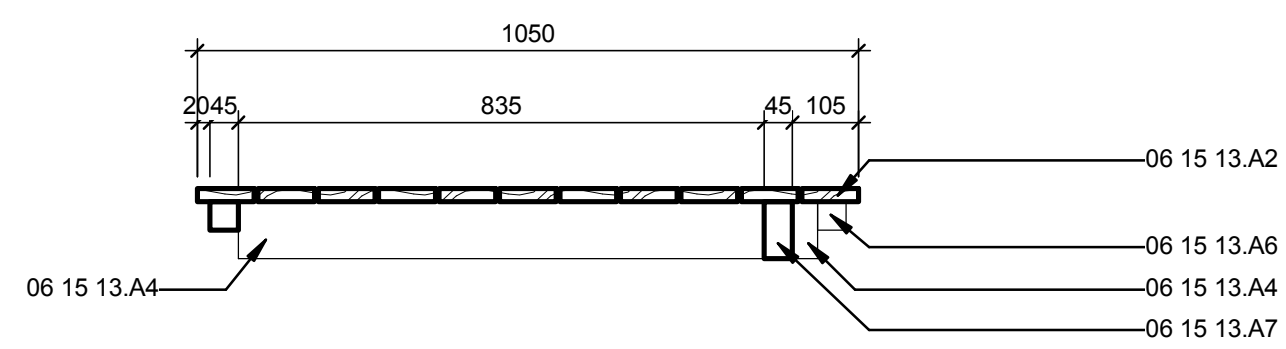
L-608



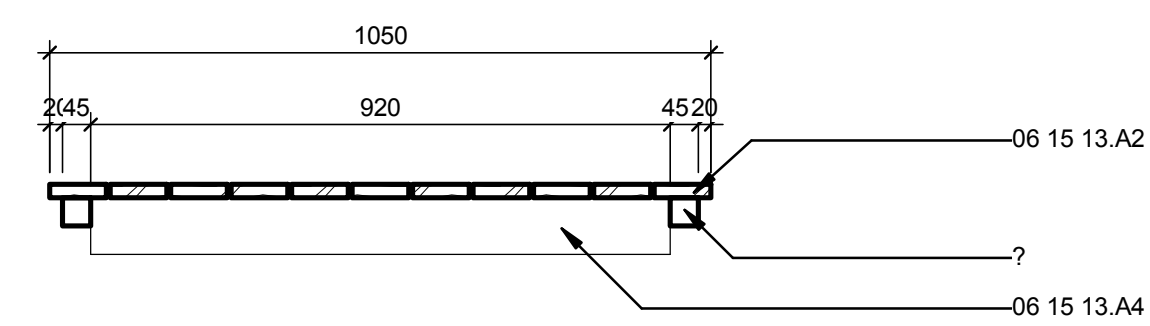
D1 TYPE M REFLECTED PLAN
1:12



C1 TYPE M LONGITUDINAL SECTION
1:12



B1 TYPE M CROSS SECTION 1
1:12



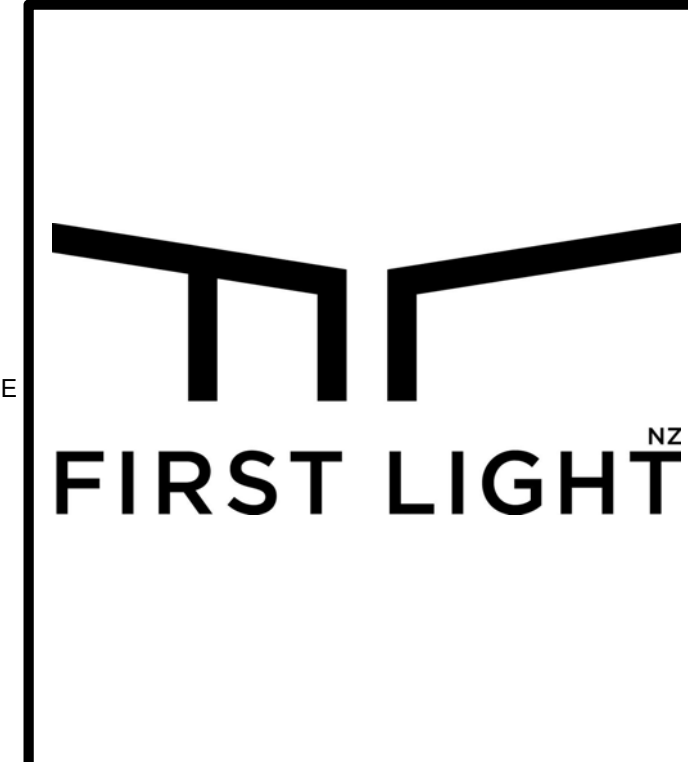
A1 TYPE M CROSS SECTION 2
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GENERAL SHEET NOTES

REFERENCE KEYNOTES

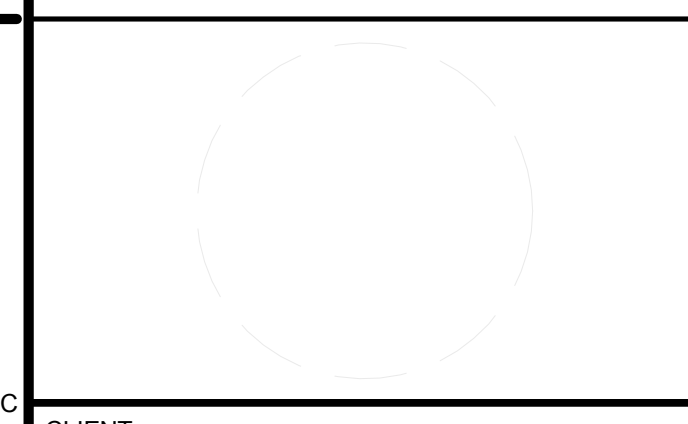
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06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A7	90X45MM TRIMMING JOIST

SHEET KEYNOTES



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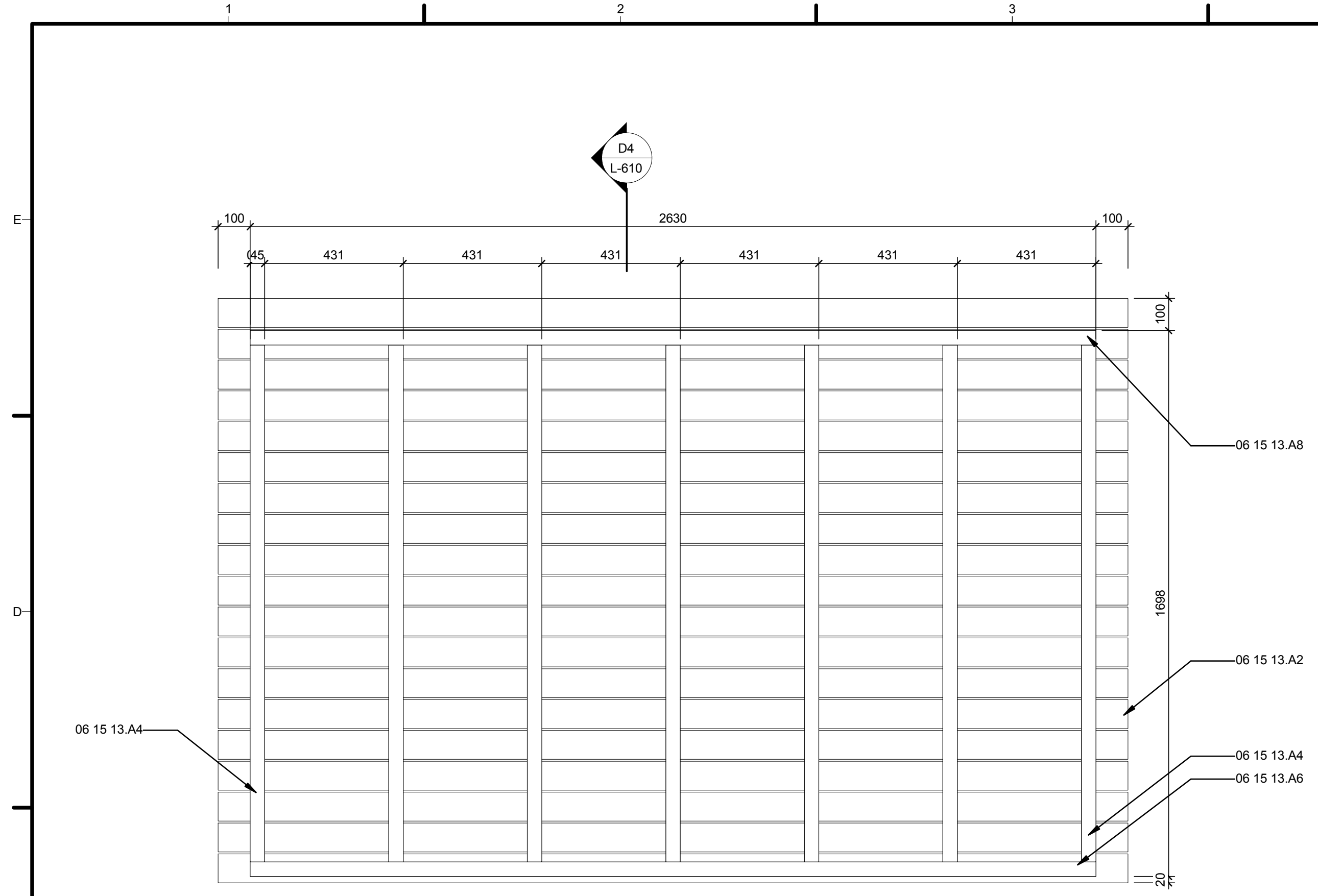


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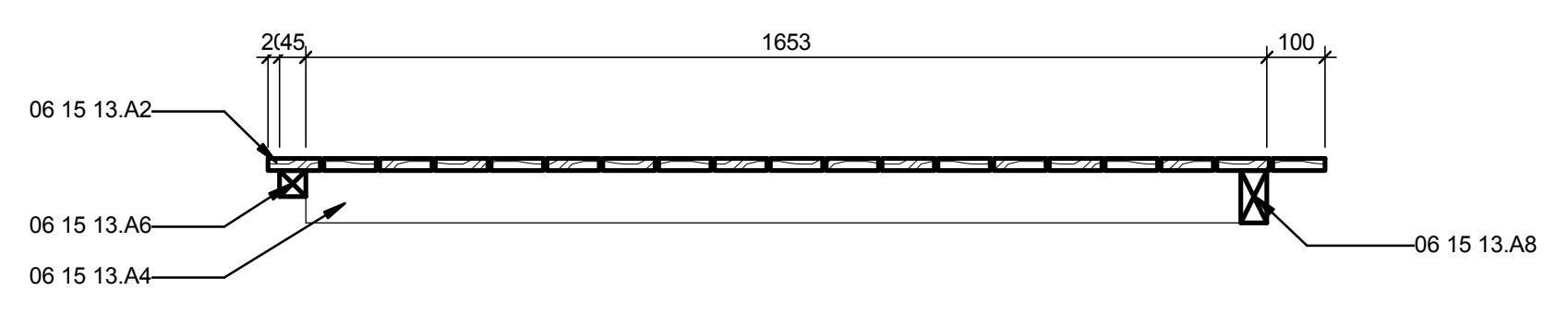
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SHEET TITLE
DECK MODULE TYPE M

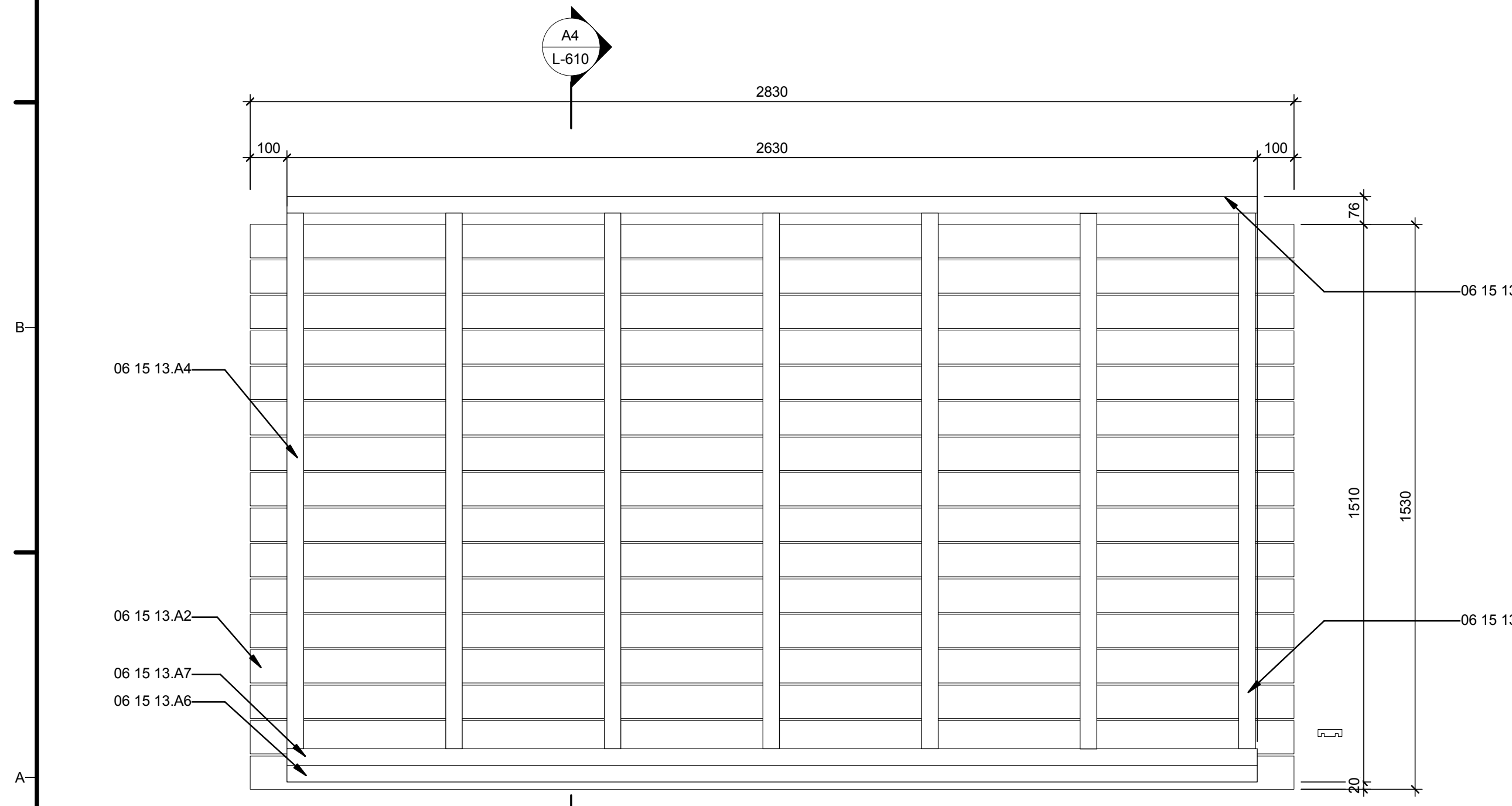
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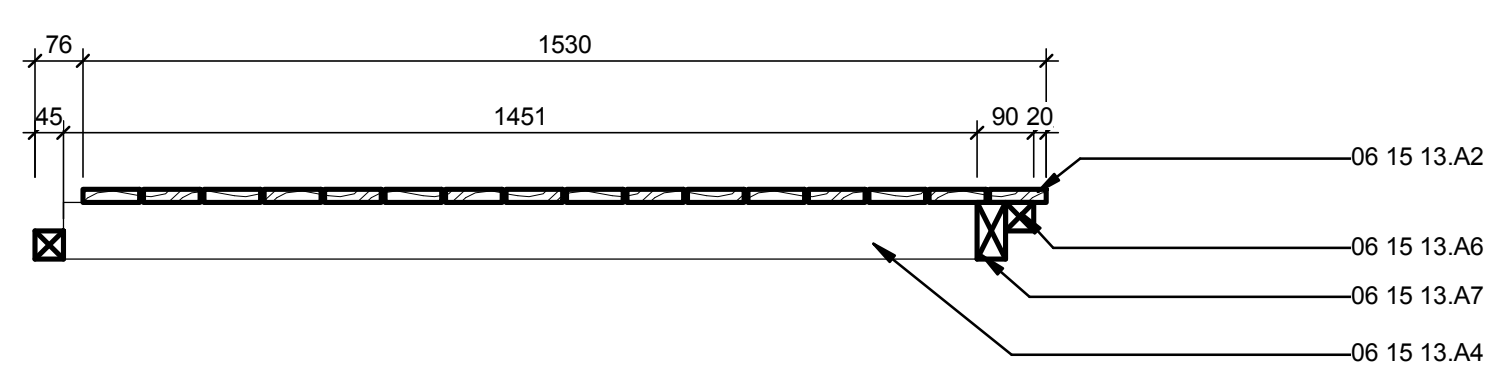
C1 TYPE N REFLECTED PLAN
1:12



D4 TYPE N SECTION
1:12



A1 TYPE O REFLECTED PLAN
1:12



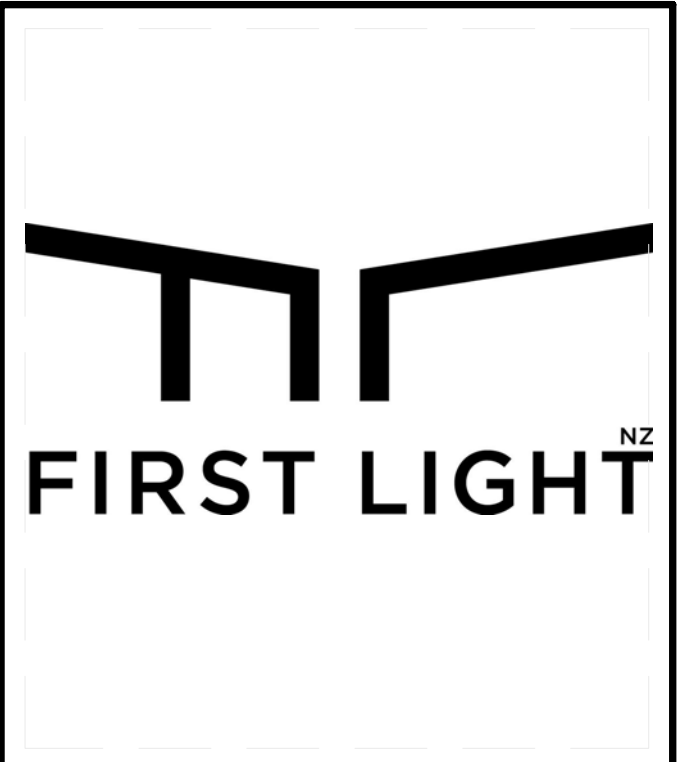
A4 TYPE O SECTION
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GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 15 13.A2	90X21MM DECKING TIMBER
06 15 13.A4	90X45MM TIMBER JOISTS
06 15 13.A6	45X45MM TIMBER HALF JOIST
06 15 13.A7	90X45MM TRIMMING JOIST
06 15 13.A8	90X45MM TIMBER END JOIST

SHEET KEYNOTES



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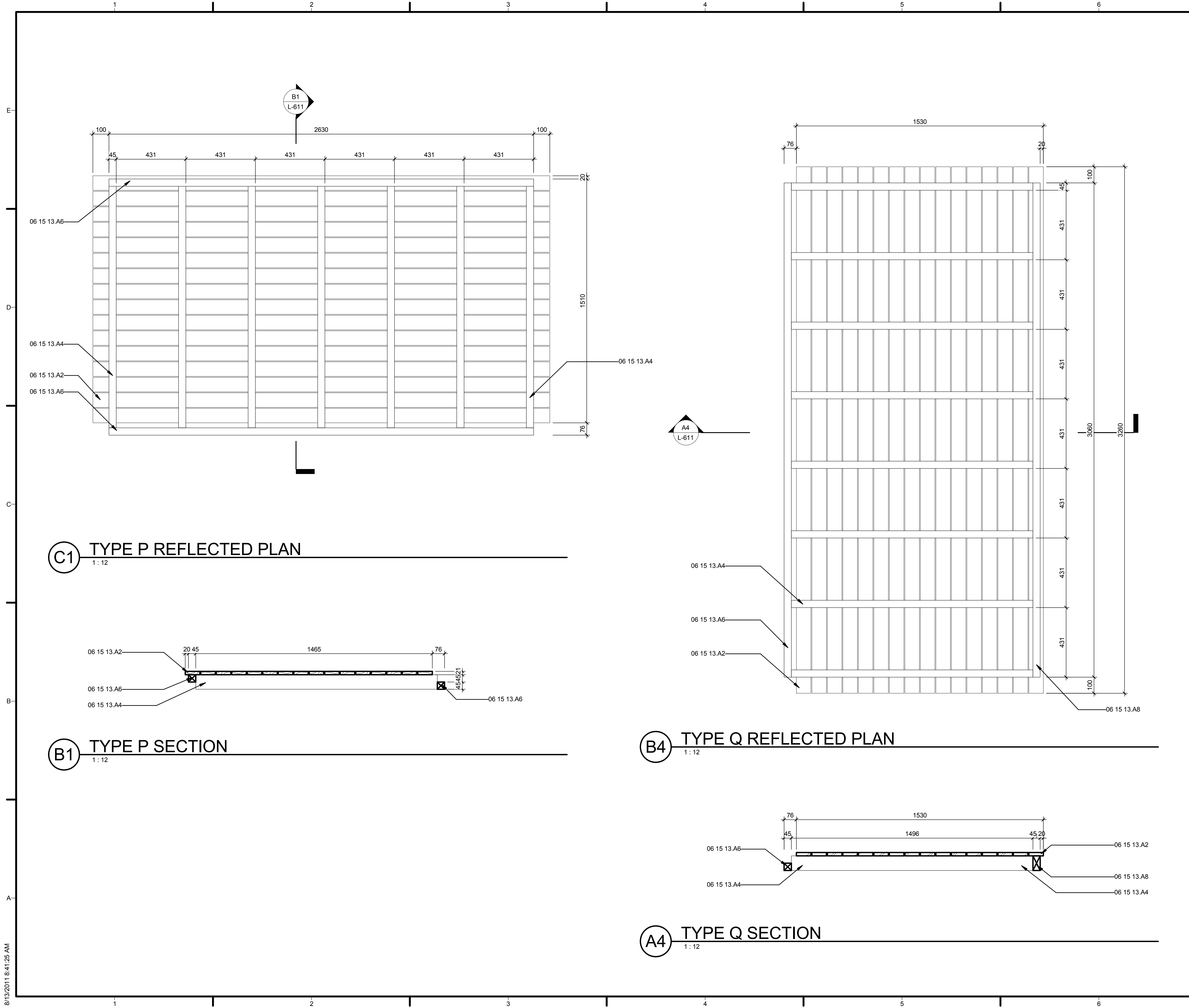
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SHEET TITLE
**DECK MODULE TYPE N
 & O**

L-610



GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A6 45X45MM TIMBER HALF JOIST
- 06 15 13.A8 90X45MM TIMBER END JOIST

SHEET KEYNOTES



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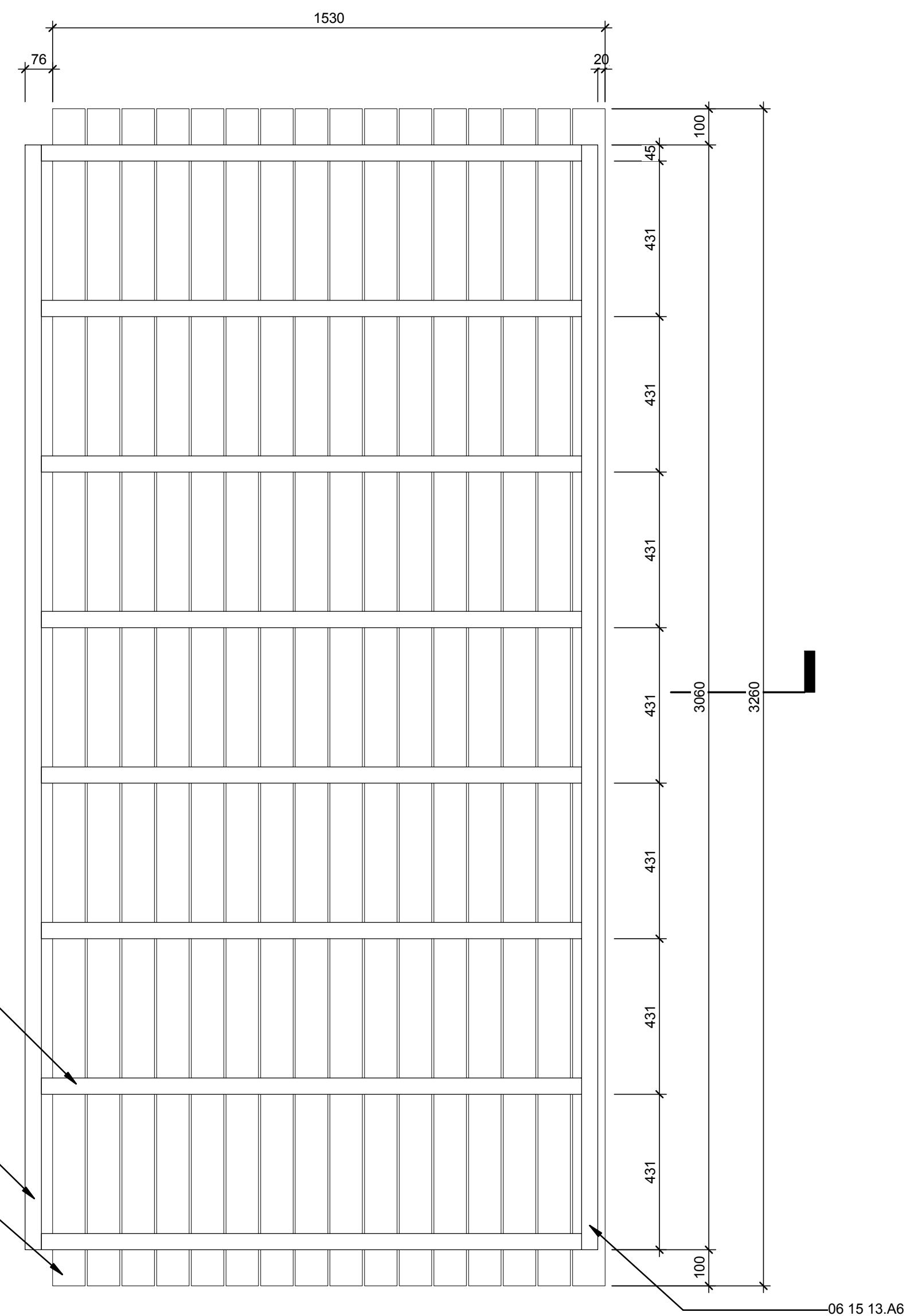


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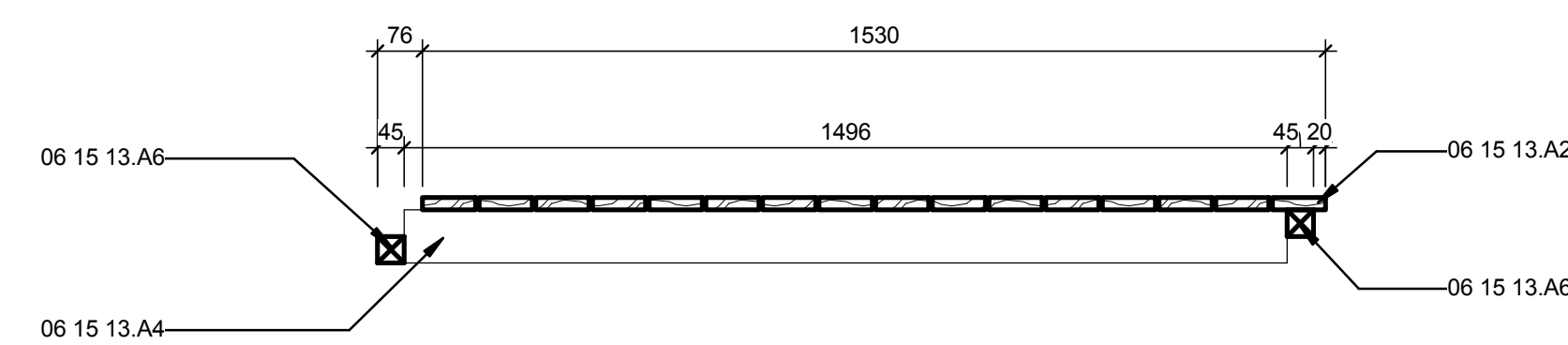
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SHEET TITLE
 DECK MODULE TYPE P
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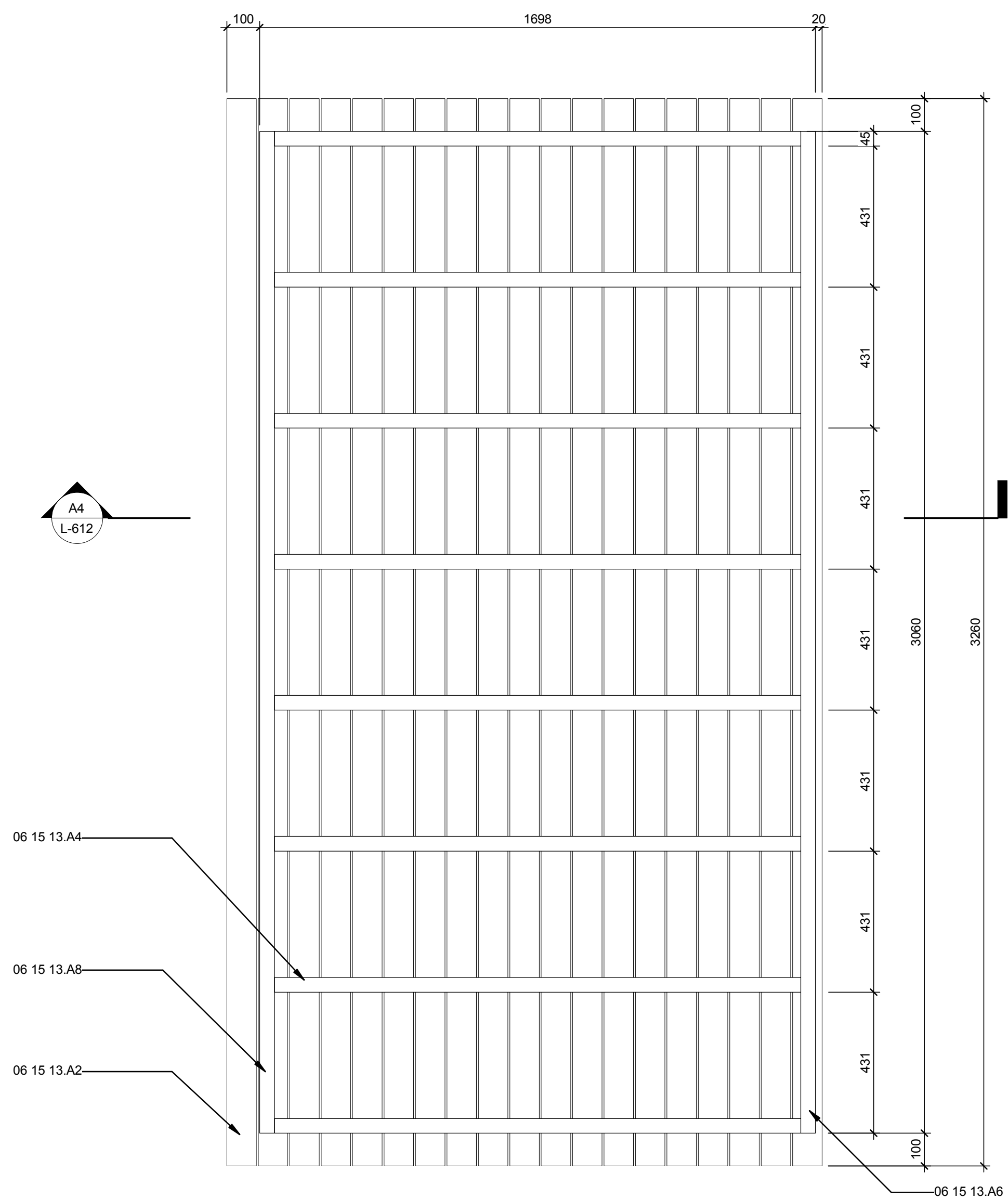
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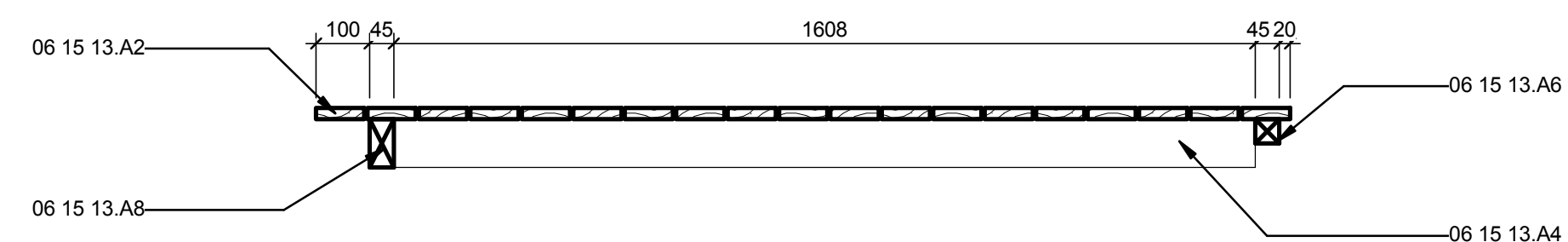
B1 TYPE R REFLECTED PLAN
1: 12



A1 TYPE R SECTION
1: 12



B4 TYPE S REFLECTED PLAN
1: 12



A4 TYPE S SECTION
1: 12

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 15 13.A2 90X21MM DECKING TIMBER
- 06 15 13.A4 90X45MM TIMBER JOISTS
- 06 15 13.A6 45X45MM TIMBER HALF JOIST
- 06 15 13.A8 90X45MM TIMBER END JOIST

SHEET KEYNOTES



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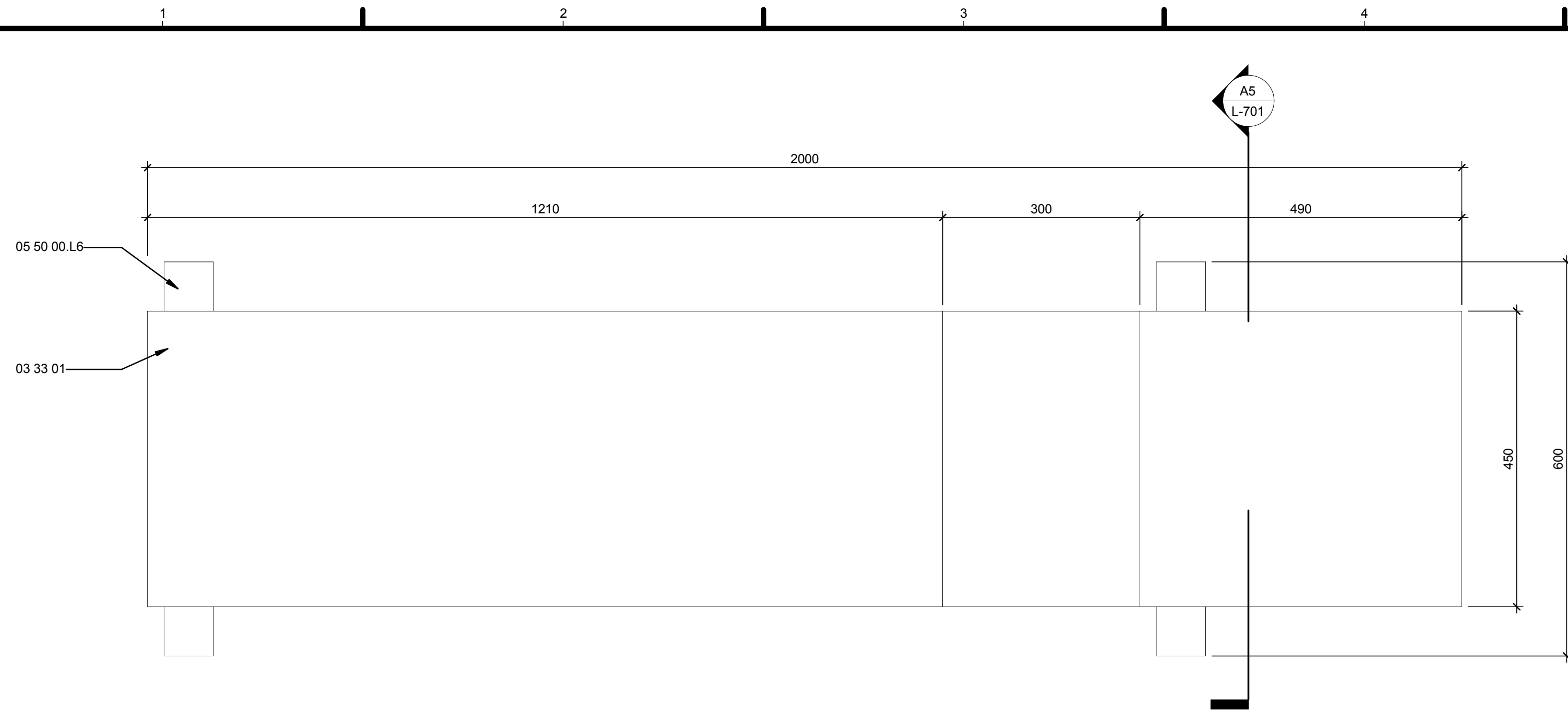
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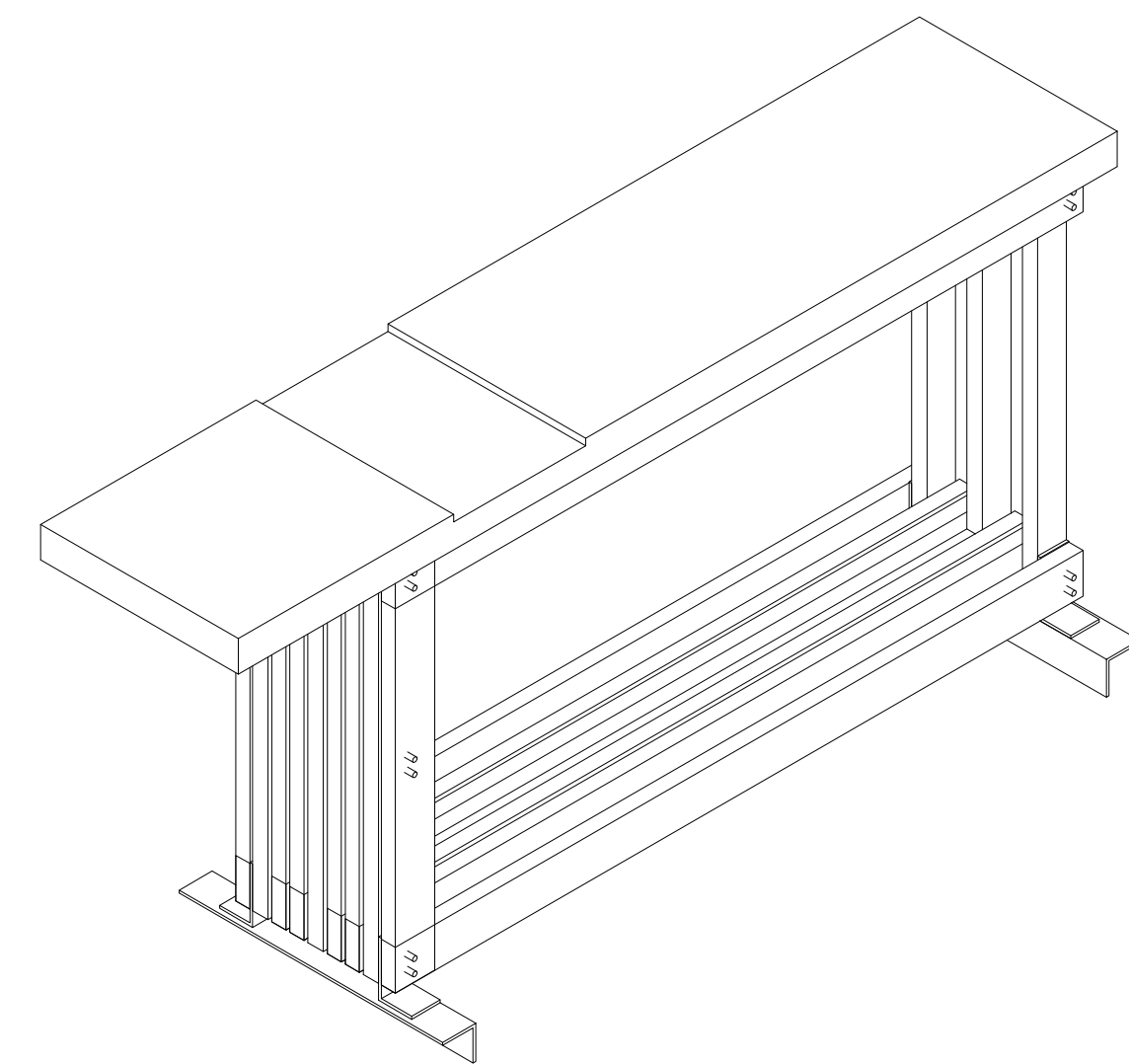
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SHEET TITLE
 DECK MODULE TYPE R
 & S

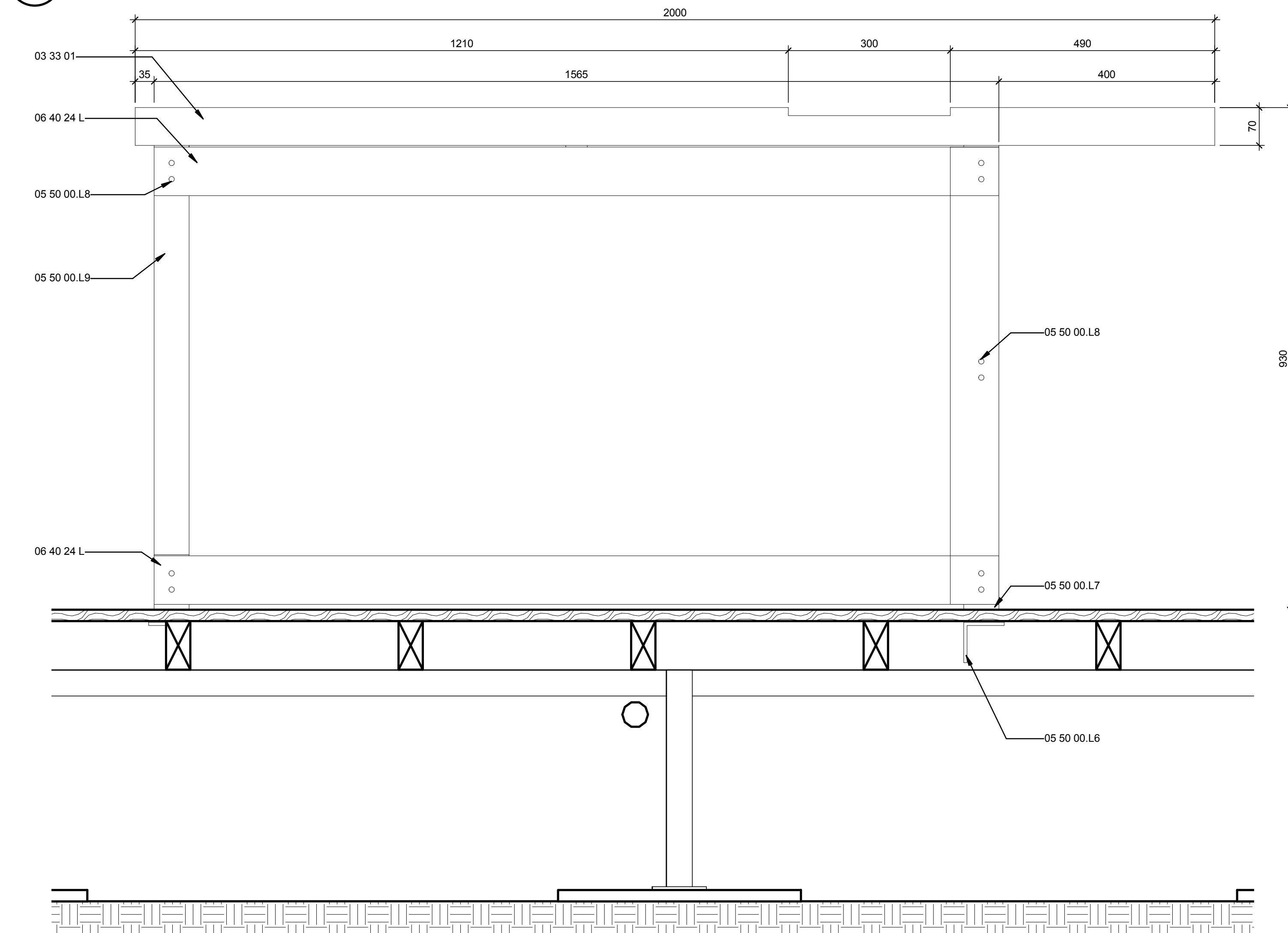
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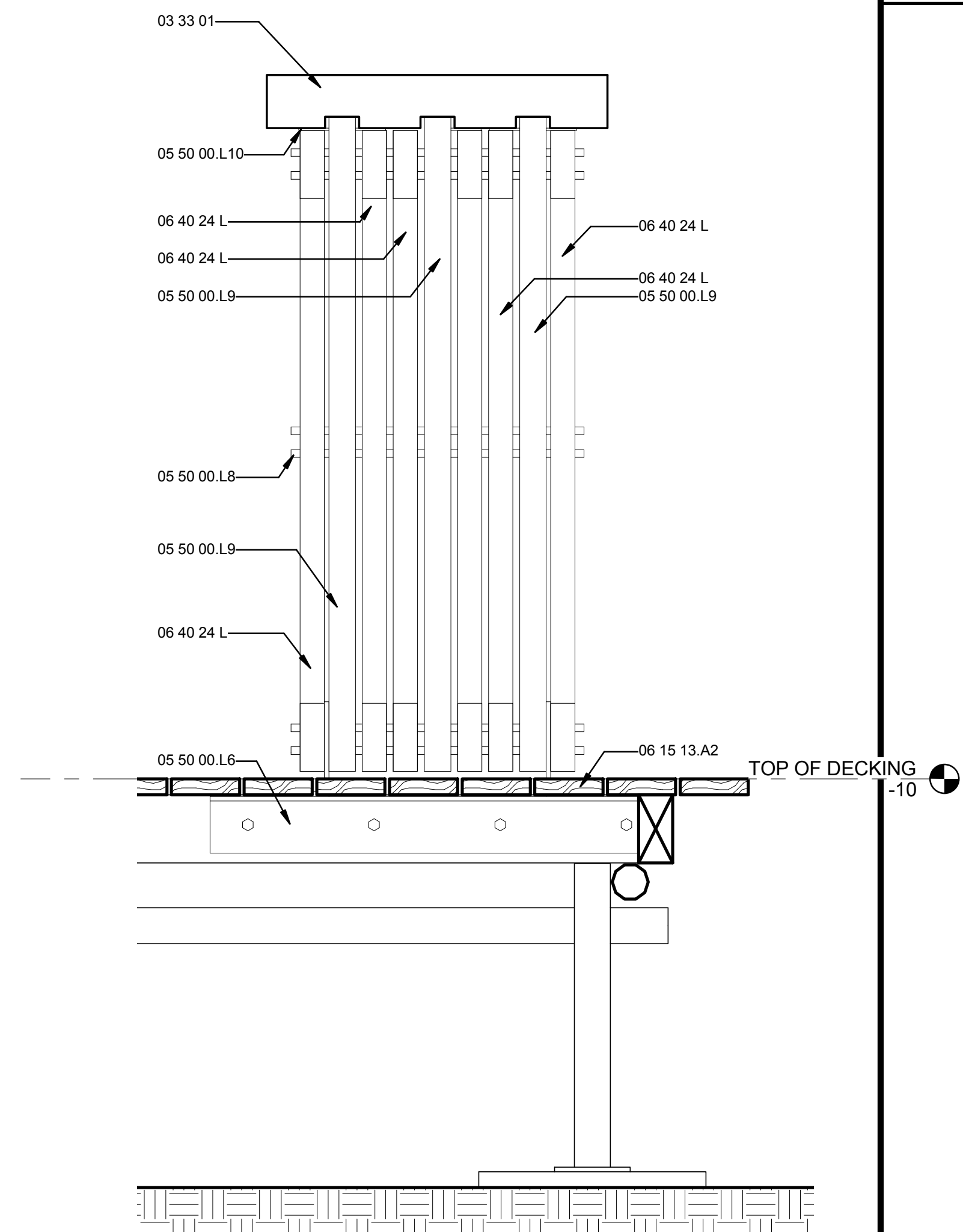
D1 LANDSCAPE BENCH PLAN
1:6



D5 LANDSCAPE BENCH ISOMETRIC



A1 EXTERIOR BENCH ELEVATION
1:6



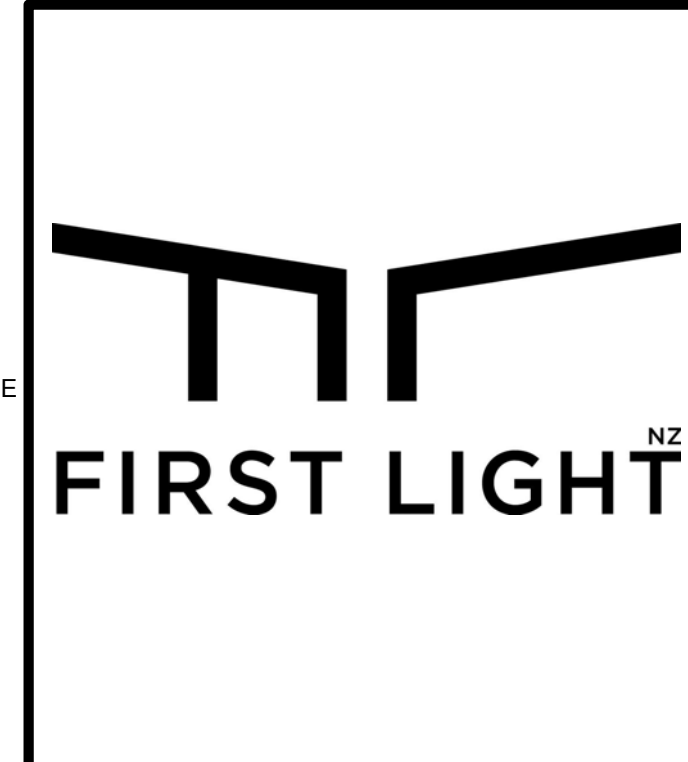
A5 EXTERIOR BENCH SECTION 1
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GENERAL SHEET NOTES

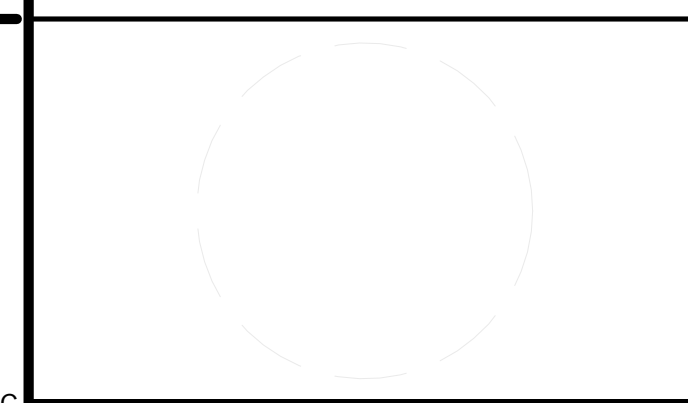
REFERENCE KEYNOTES

03 33 01	70MM THICK HOLLOWCORE CONCRETE BENCHTOP
05 50 00.L6	75 X 6MM EQUAL ANGLE BOLTED TO DECKING JOISTS WITH STAINLESS STEEL M12 BOLTS
05 50 00.L7	125 X 75 X 6MM ANGLE WELDED TO EQUAL ANGLE BELOW. FIXED TO TABLE STRUCTURAL FRAME WITH 10MM STAINLESS STEEL THREADED ROD AS INDICATED
05 50 00.L8	M10 STAINLESS STEEL THREADED ROD WITH STAINLESS STEEL WASHERS AND HEX NUTS EITHER END
05 50 00.L9	65 X 35MM RHS STRUCTURAL FRAME. BEAMS BUTT WELDED TO LEGS.
05 50 00.L10	40 X 40 X 3MM TAB WELDED TO STEEL FRAME. ALLOWS FRAME TO BE FIXED TO CONCRETE TOP
06 15 13.A2	90X21MM DECKING TIMBER
06 40 24 L	90 X 32MM PINE FIXED TO STEEL STRUCTURE WITH M10 STAINLESS STEEL THREADED ROD

SHEET KEYNOTES



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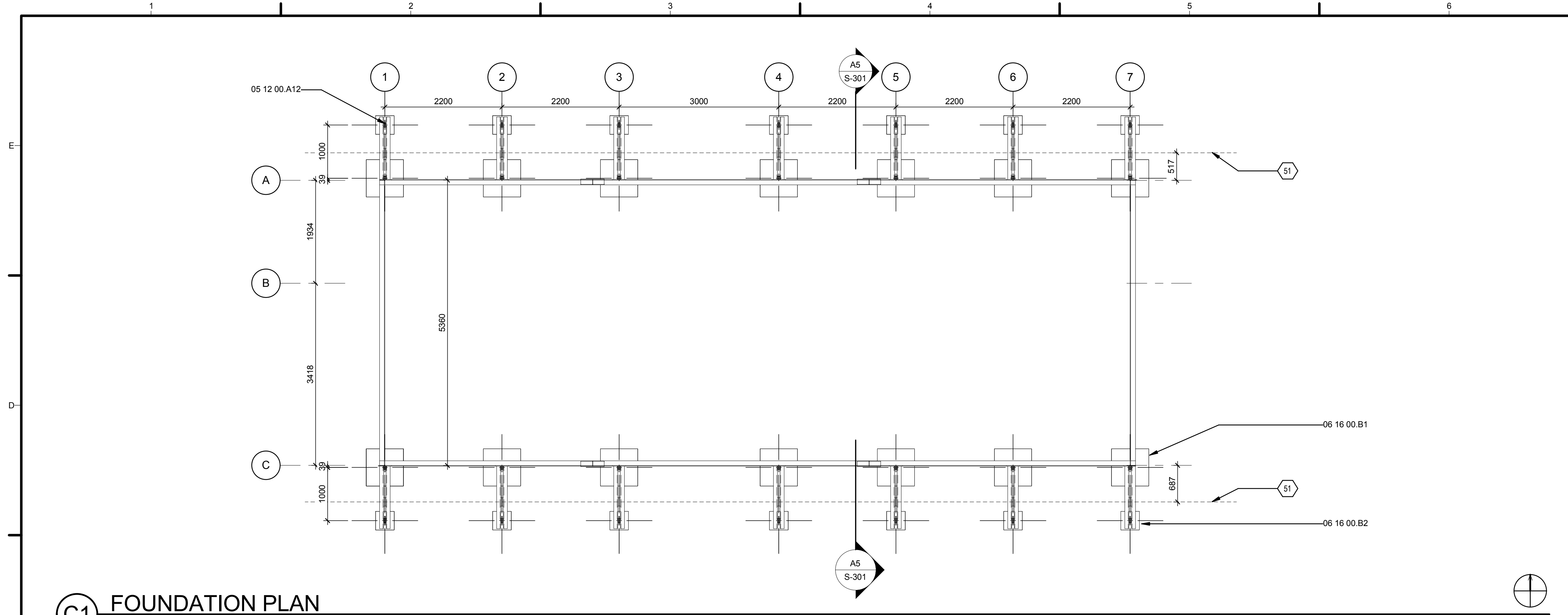
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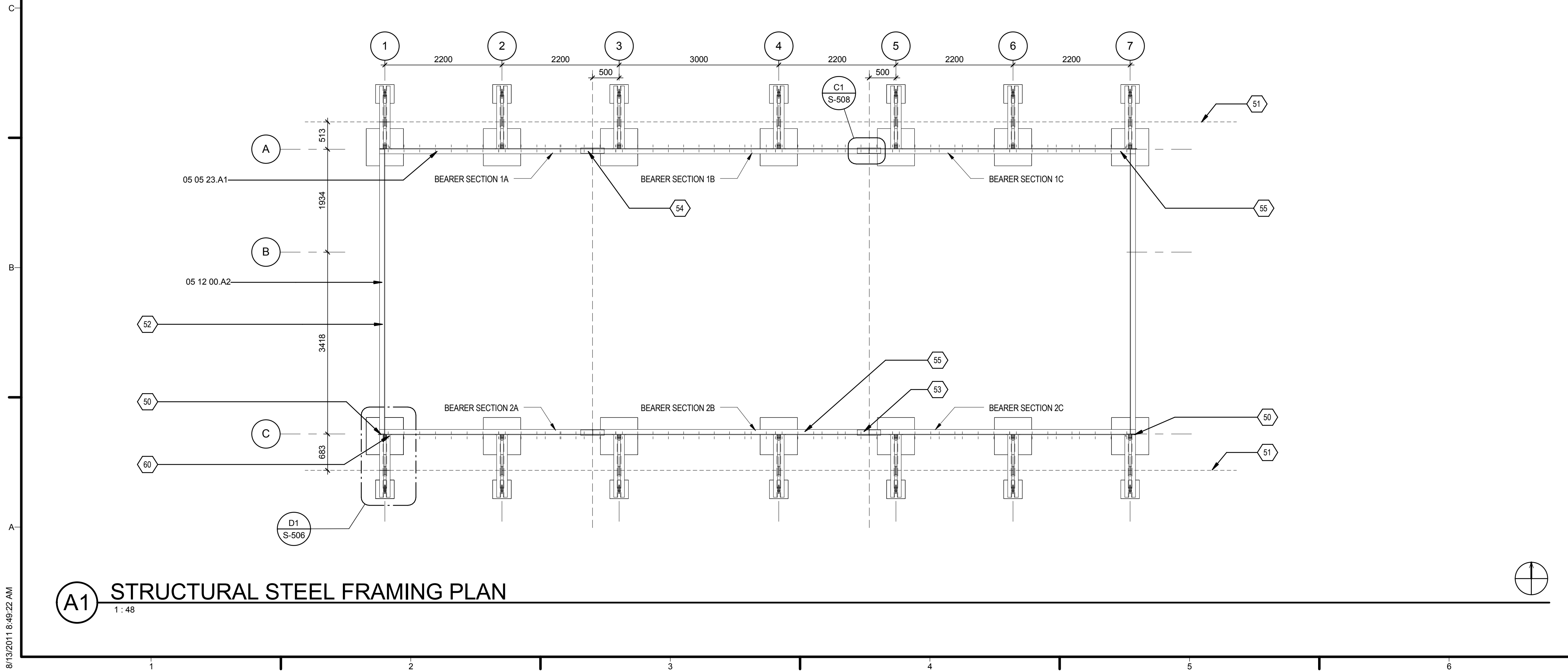
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SHEET TITLE
EXTERIOR BENCH

L-701



C1 FOUNDATION PLAN
1:48



A1 STRUCTURAL STEEL FRAMING PLAN
1:48

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 05 23.A1 M16 COUNTERSUNK BOLT
- 05 12 00.A2 100X100X100X10 EA FOUNDATION BRACING STRUT, BOLT FIXED THROUGH BOTTOM FLANGE TO FOUNDATION BEARER
- 05 12 00.A12 ADJUSTABLE STEEL SCAFFOLD SCREW WITH 700X700MM PLYWOOD FOOTING. MAXIMUM VERTICAL DEVIATION 463MM
- 06 16 00.B1 700X700MM, 3X21MM PLYWOOD FOUNDATION BASE
- 06 16 00.B2 350X350MM, 3X21MM PLYWOOD FOUNDATION BASE

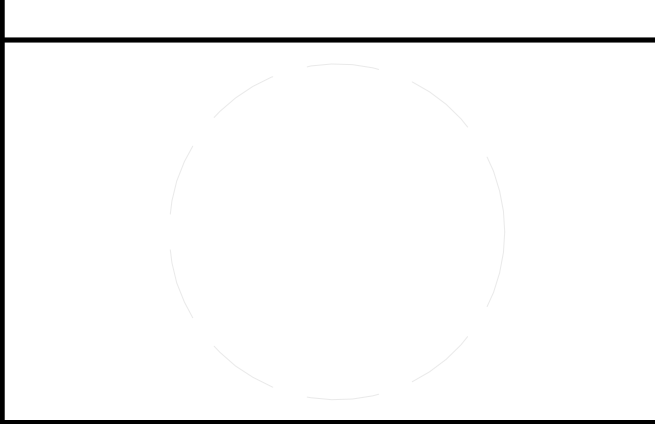
SHEET KEYNOTES

- 50 OUTSIDE EDGE OF CONNECTION PLATE REMOVED FROM THE FOUR CORNER OUTRIGGERS
- 51 POST CENTRE LINE SHOWN DASHED
- 52 BOLT FIXED THROUGH BOTTOM FLANGE TO BEARER
- 53 SPLICE INTO 3 SECTIONS. CONNECTION PLATE WELDED TO SECTIONS 2A & 2C.
- 54 SPLICE INTO 3 SECTIONS. CONNECTION PLATE WELDED TO SECTIONS 1A & 1C.
- 55 INSIDE FACE OF ALL BEARERS MUST REMAIN FREE FROM OBSTRUCTION
- 60 8MM RADIUS WINCH HOLE DRILLED THROUGH INSIDE ANGLE OF THE FOUR CORNER OUTRIGGERS



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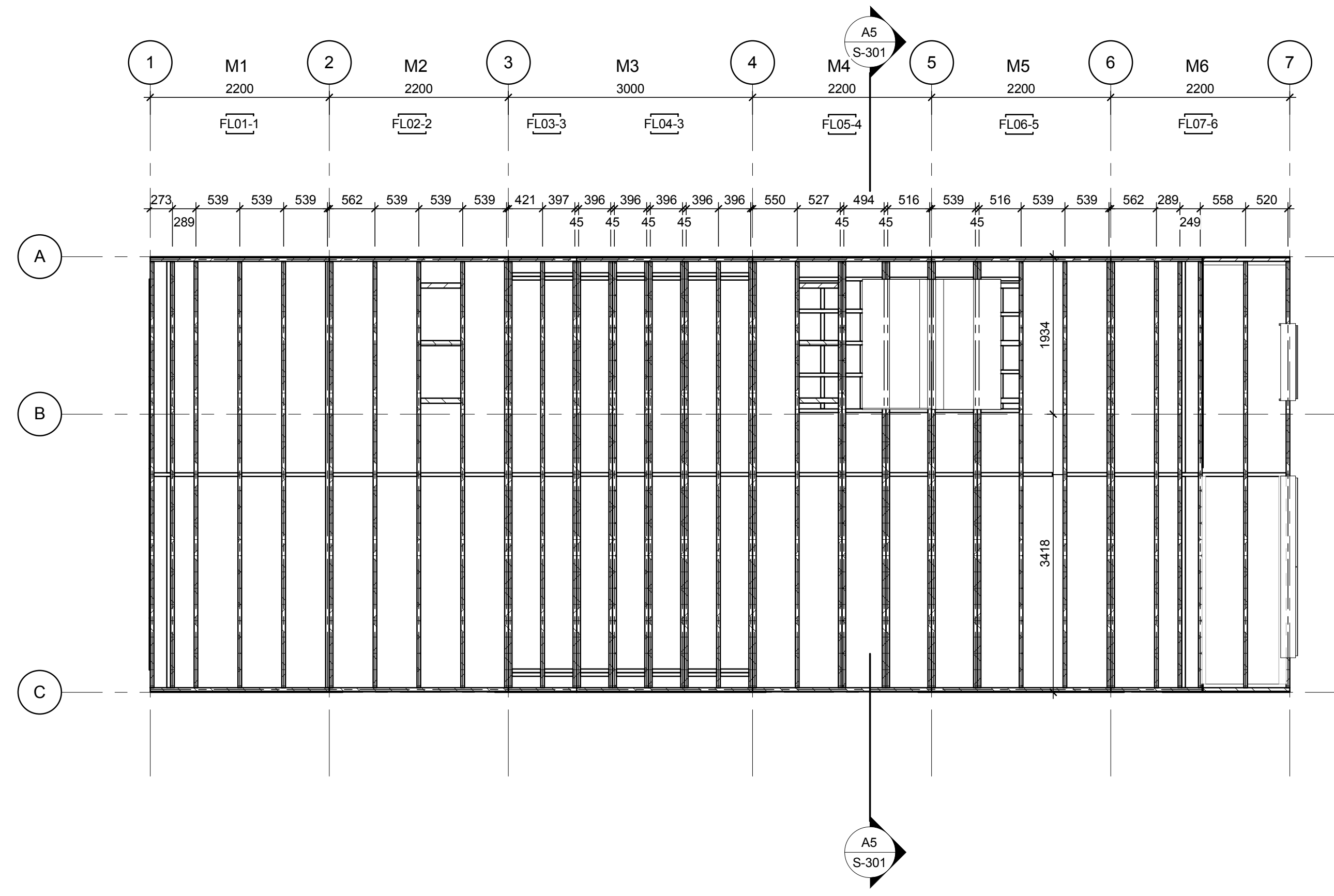


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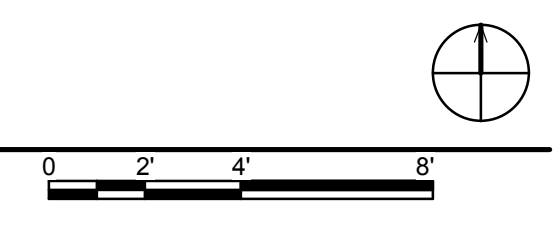
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SHEET TITLE
FOUNDATION PLAN

S-101



A1 FLOOR FRAMING PLAN
1:48



8/13/2011 8:49:26 AM

GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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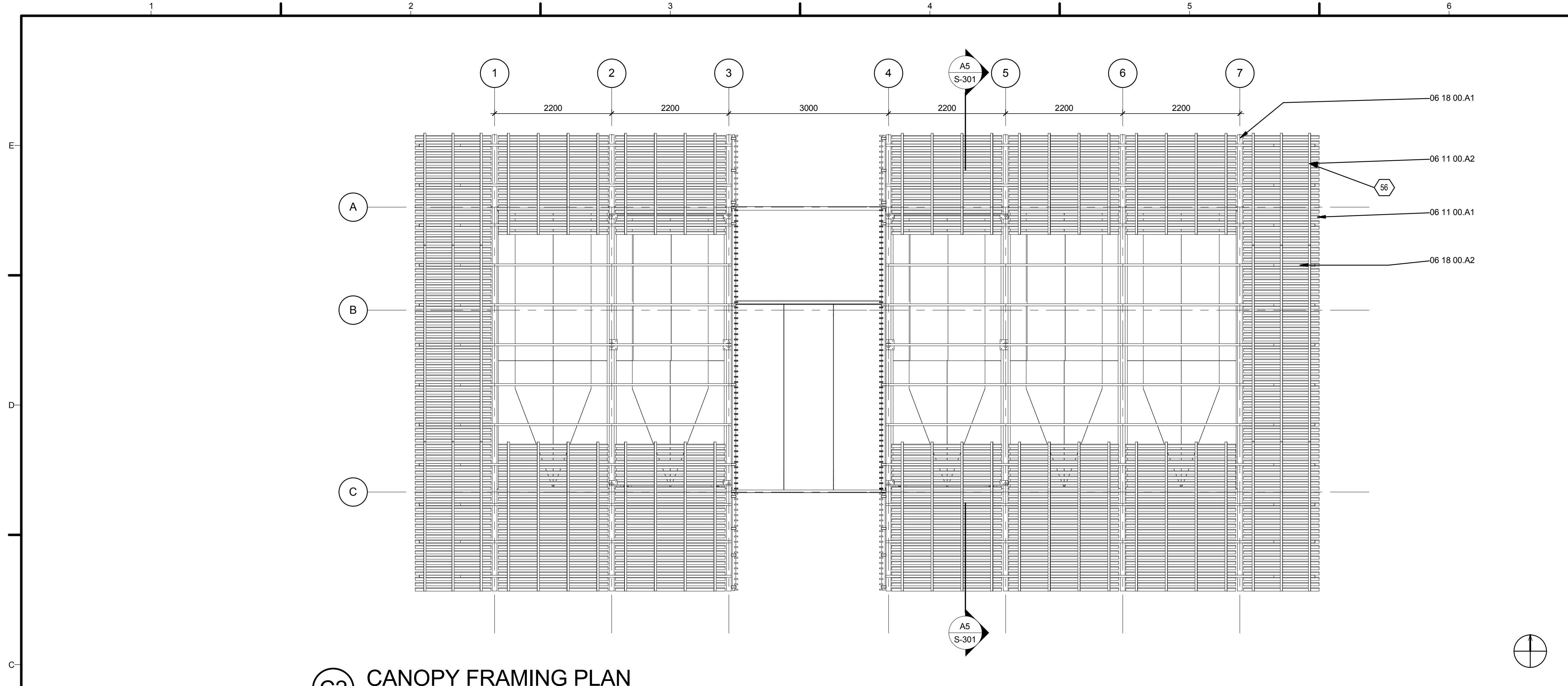


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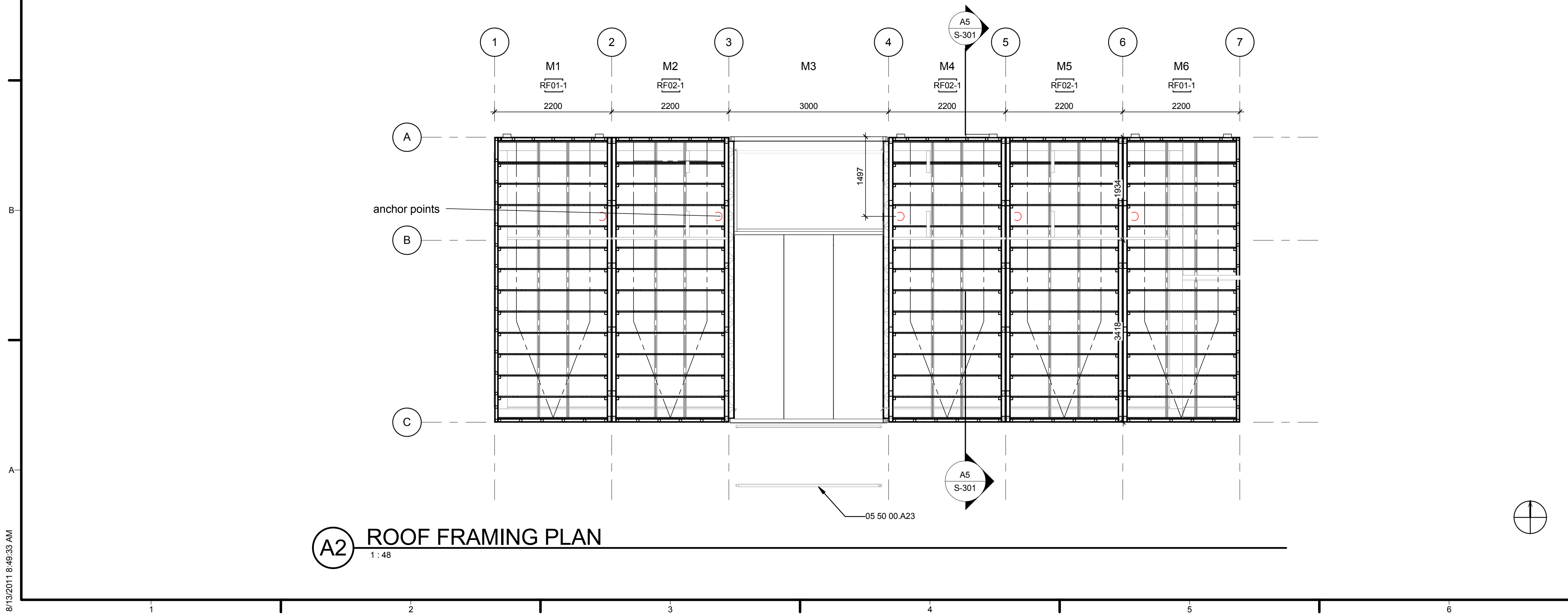
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SHEET TITLE
FLOOR FRAMING PLAN

S-102



(C2) CANOPY FRAMING PLAN
1:48



(A2) ROOF FRAMING PLAN
1:48

GENERAL SHEET NOTES

06 18 00.A1
06 11 00.A2
06 11 00.A1
06 18 00.A2

REFERENCE KEYNOTES

- 05 50 00.A23 80 X 40 X 6 ALUMINIUM RHS
- 06 11 00.A1 75X19MM CEDAR SLATS AT 100MM CENTRES
FIXED TO 65X35MM BATTENS.
CONSTRUCTED IN PANELISED SYSTEM FOR
ONSITE ASSEMBLY.
- 06 11 00.A2 90 X 45MM TIMBER SUPPORT STUD
- 06 18 00.A1 318X90MM GLUE-LAMINATED TIMBER BEAM
SPANNING BETWEEN COLUMNS, TAPERING
TO 135X90 @ CANTILEVERED ENDS. REFER
FABRICATION DRAWINGS.
- 06 18 00.A2 135X42MM GLULAM GL8 RAFTERS AT 750MM
NOM. CENTRES SPANNING FULL LENGTH OF
CANOPY, TAPERING TO 70X42MM @
CANTILEVERED END. REFER FABRICATION
DRAWINGS.

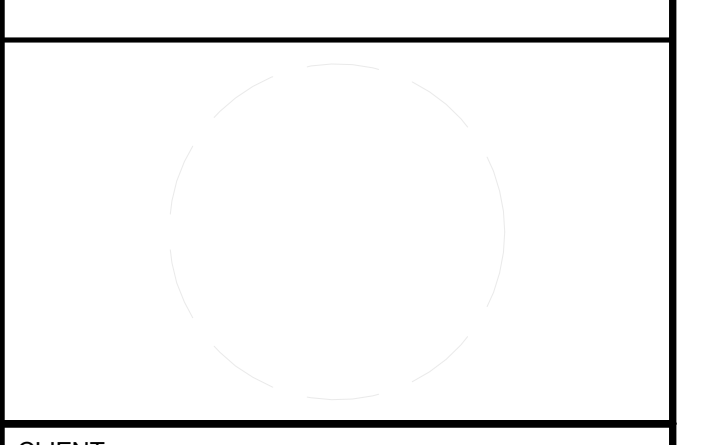
SHEET KEYNOTES

- 56 CONSTRUCTED IN PANELISED SYSTEM FOR
ONSITE ASSEMBLY



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SHEET TITLE
**ROOF FRAMING &
 CANOPY FRAMING
 PLANS**

S-103

Foundation & Floor Plan



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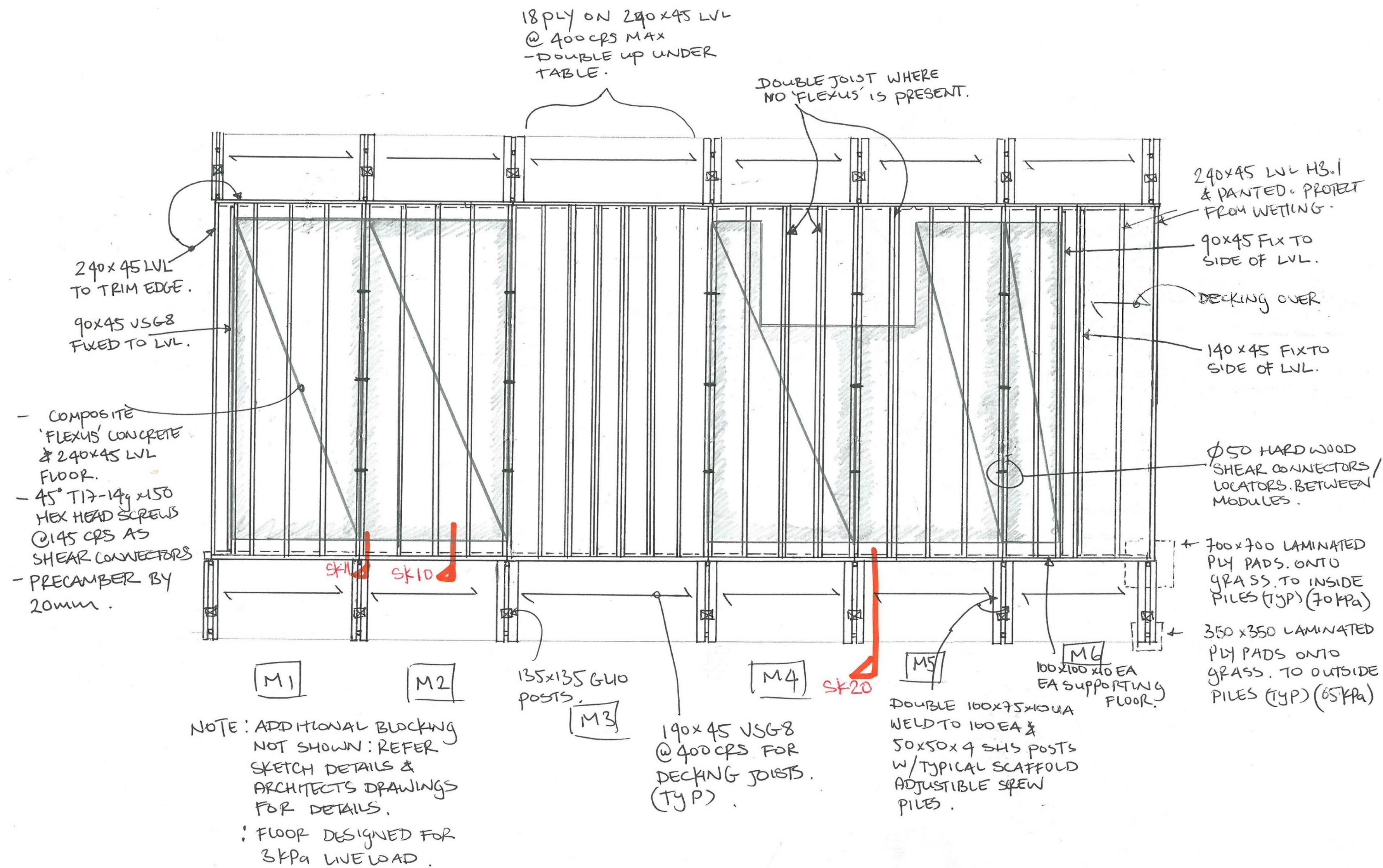
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SKETCH

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JOB NO:	DRAWN BY:	DATE:	SKT NO:
6751	RGC	11.10	SK 01

REV A 23/11/10



GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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**STRUCTURAL
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S-201

10-09_MASTSKTHA3

Wall Bracing Plan



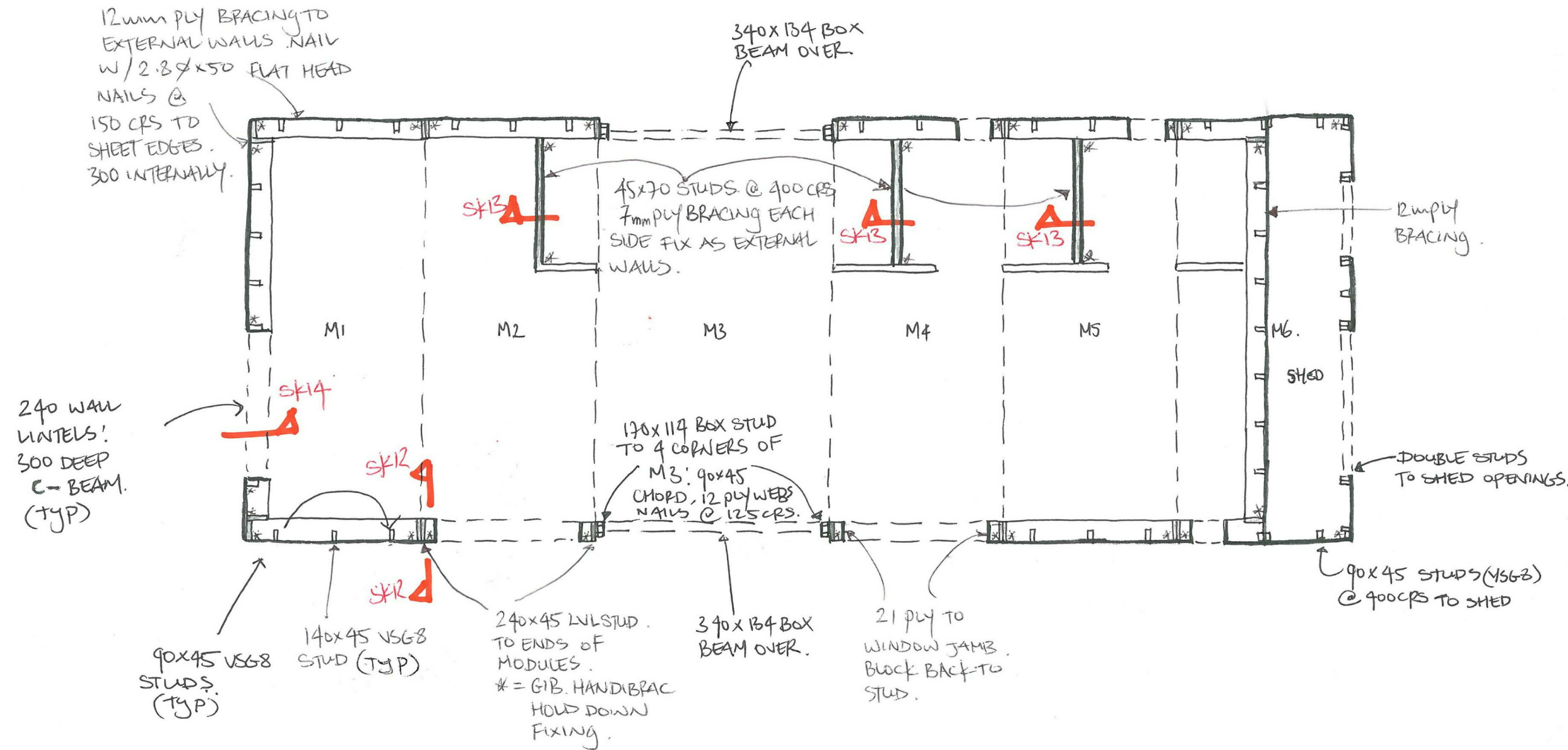
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JOB NO:	DRAWN BY:	DATE:	SKT NO:
6751	RGC	11.10	SK 02

REV A 23/11/10



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STRUCTURAL ENGINEERS' BRACING PLAN

S-202

10-09.MASTSKTHA3

Roof Plan



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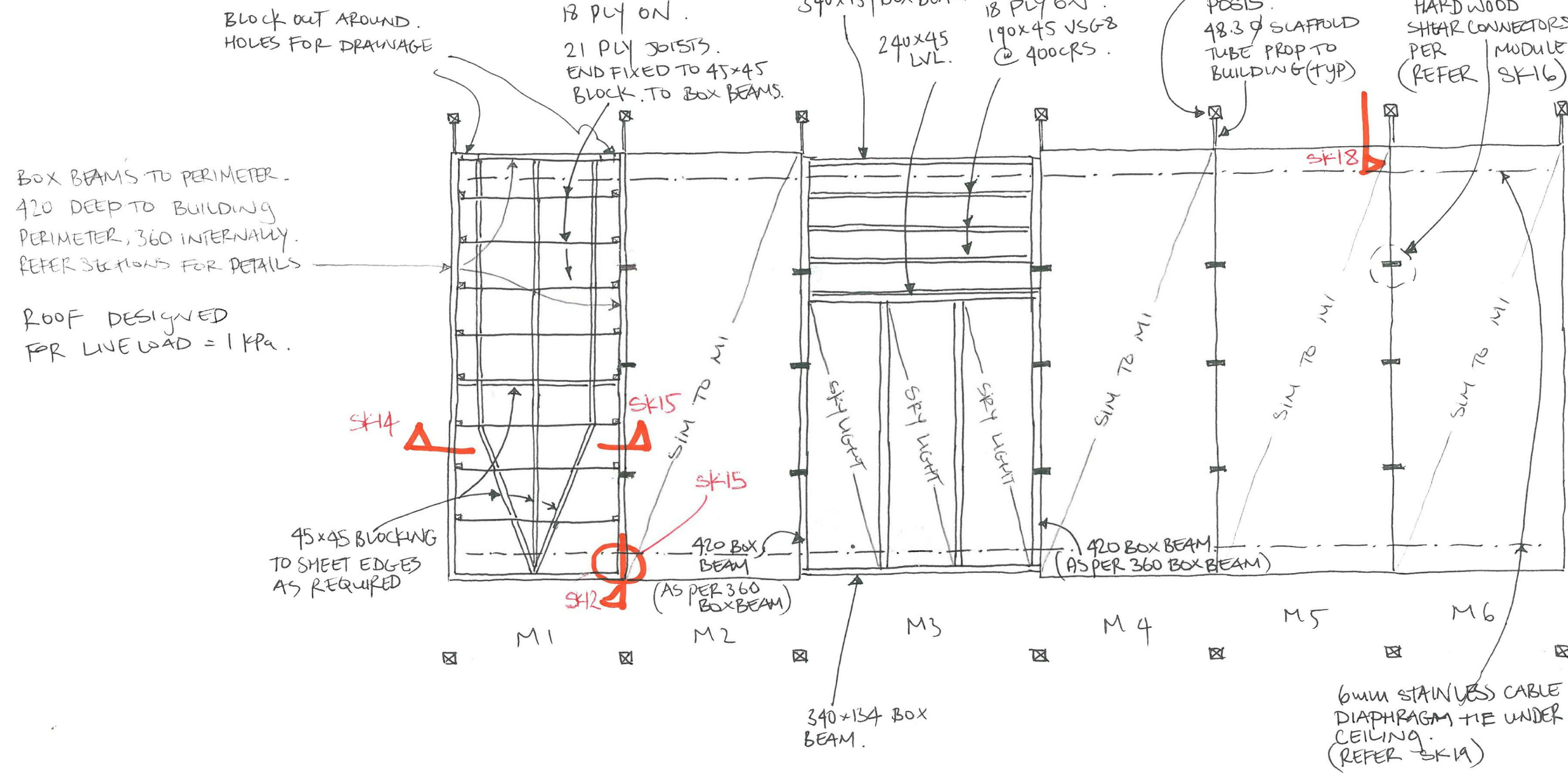
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JOB NO:	DRAWN BY:	DATE:	SKT NO:
6751	RGC	11.10	SK 03

REV A 23/11/10



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SHEET TITLE

STRUCTURAL
ENGINEERS' ROOF
PLAN

S-203

Canopy Roof Plan



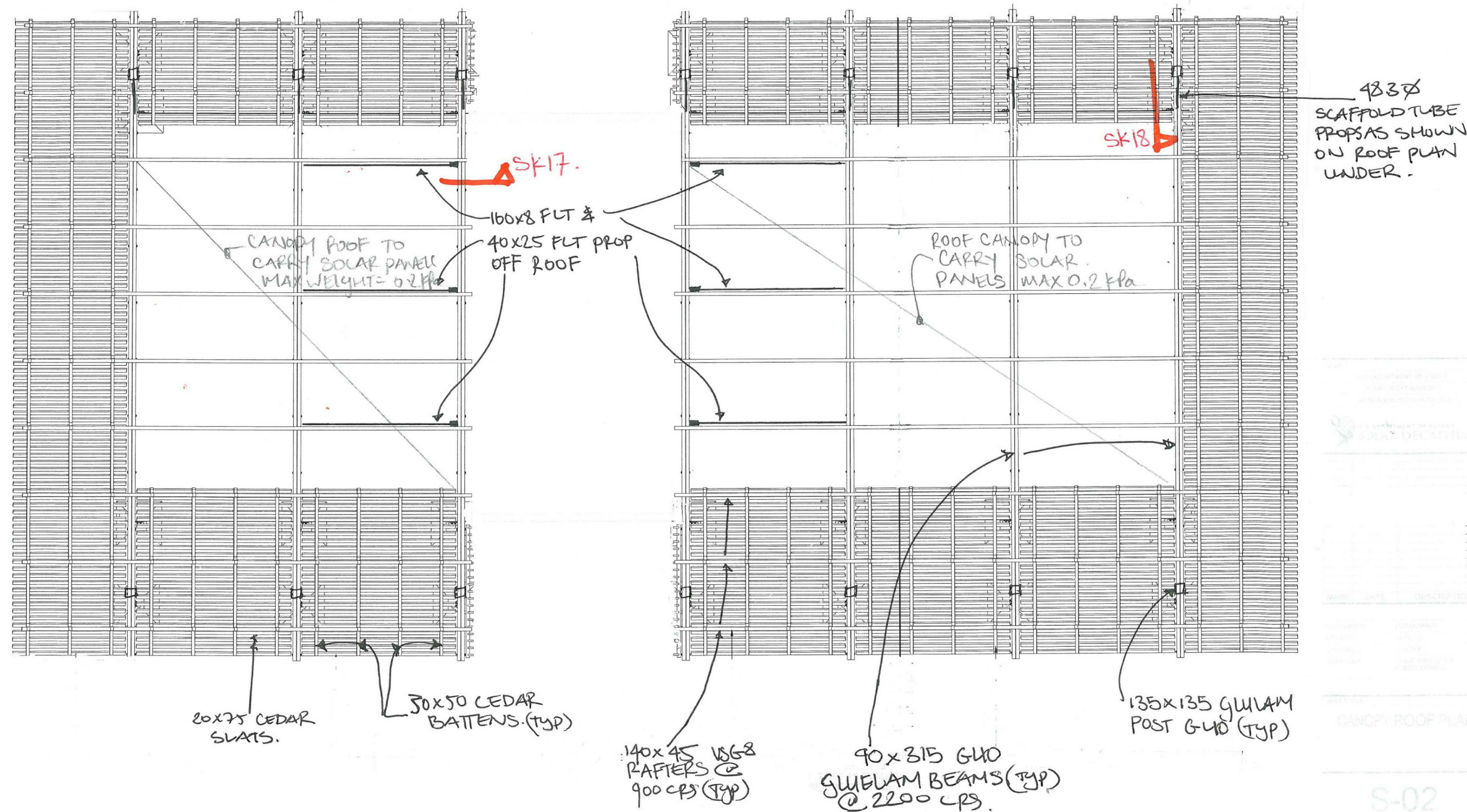
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SHEET TITLE

STRUCTURAL
ENGINEERS' CANOPY
ROOF PLAN

S-204

10-09, MASTSKTHA3

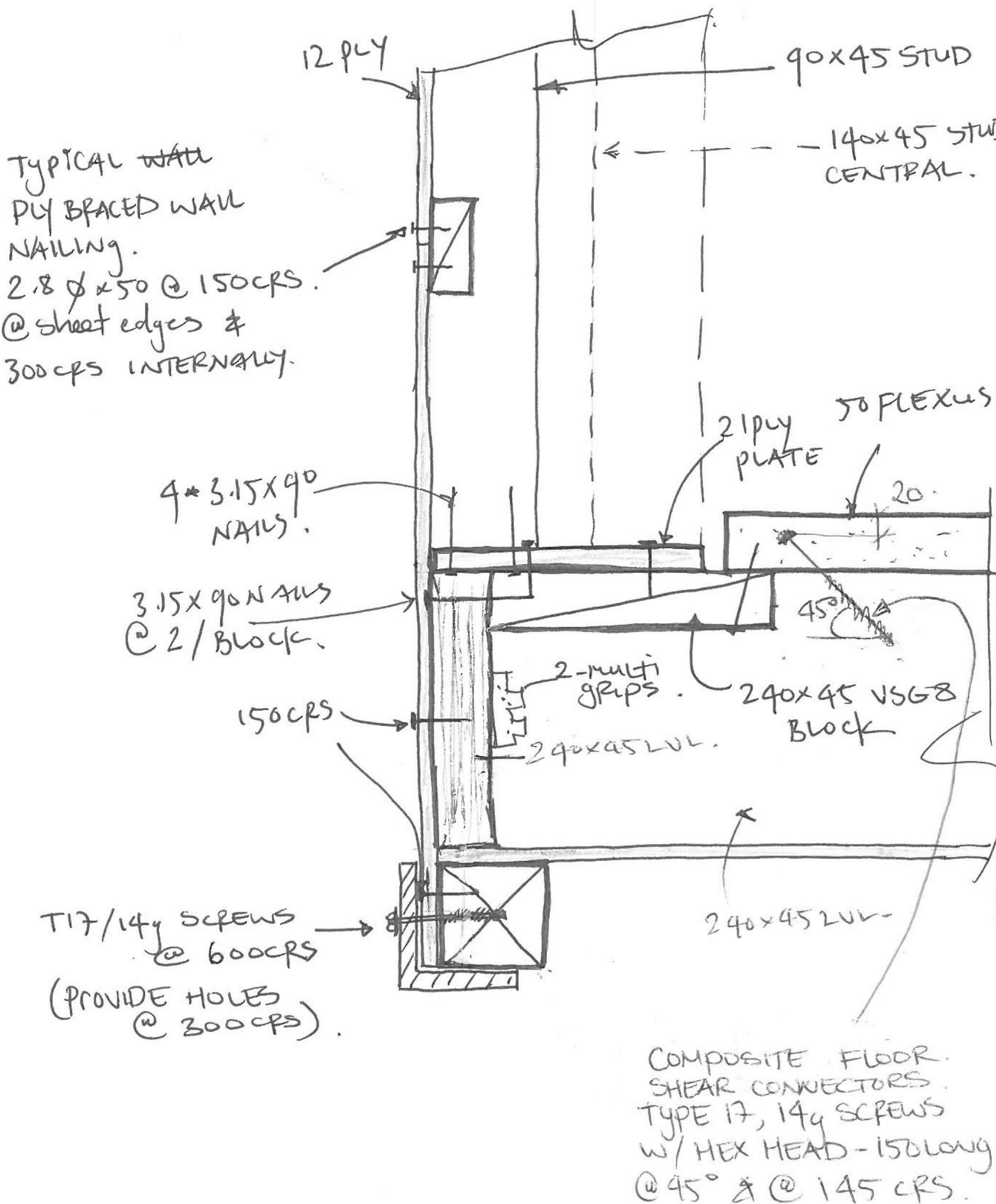
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JOB NAME: VAW SOLAR DECATHLON 2011

JOB NO	DRAWN BY	DATE	SKT NO.
6751	RGC	10/10	SK 10



TYPICAL WALL
 PLY BRACED WALL
 NAILING.
 2.8 Ø x 50 @ 150 CRS.
 @ sheet edges &
 300 c/s INTERNALLY.

T17/14g SCREWS
 @ 600 CRS
 (PROVIDE HOLES
 @ 300 CRS).

COMPOSITE FLOOR
 SHEAR CONNECTORS.
 TYPE 17, 14g SCREWS
 W/ HEX HEAD - 150 LONG
 @ 45° & @ 145 CRS.

27-Oct-10, MASTSKTH

GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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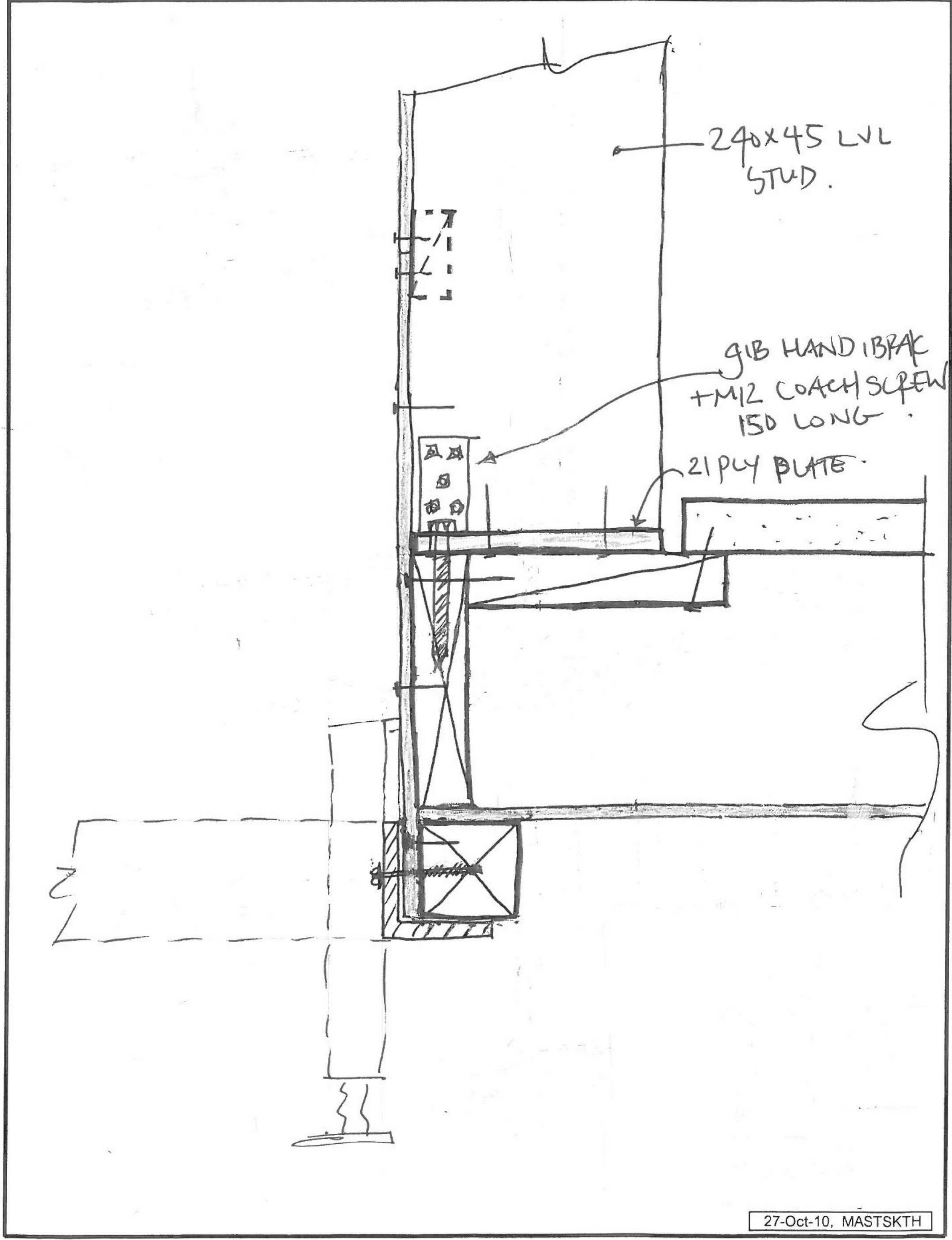
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JOB NAME: VUW SOLAR DECATHLON 2011

JOB NO 6751	DRAWN BY RGC	DATE 10/10	SKT NO. SK 11
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27-Oct-10, MASTSKTH

GENERAL SHEET NOTES

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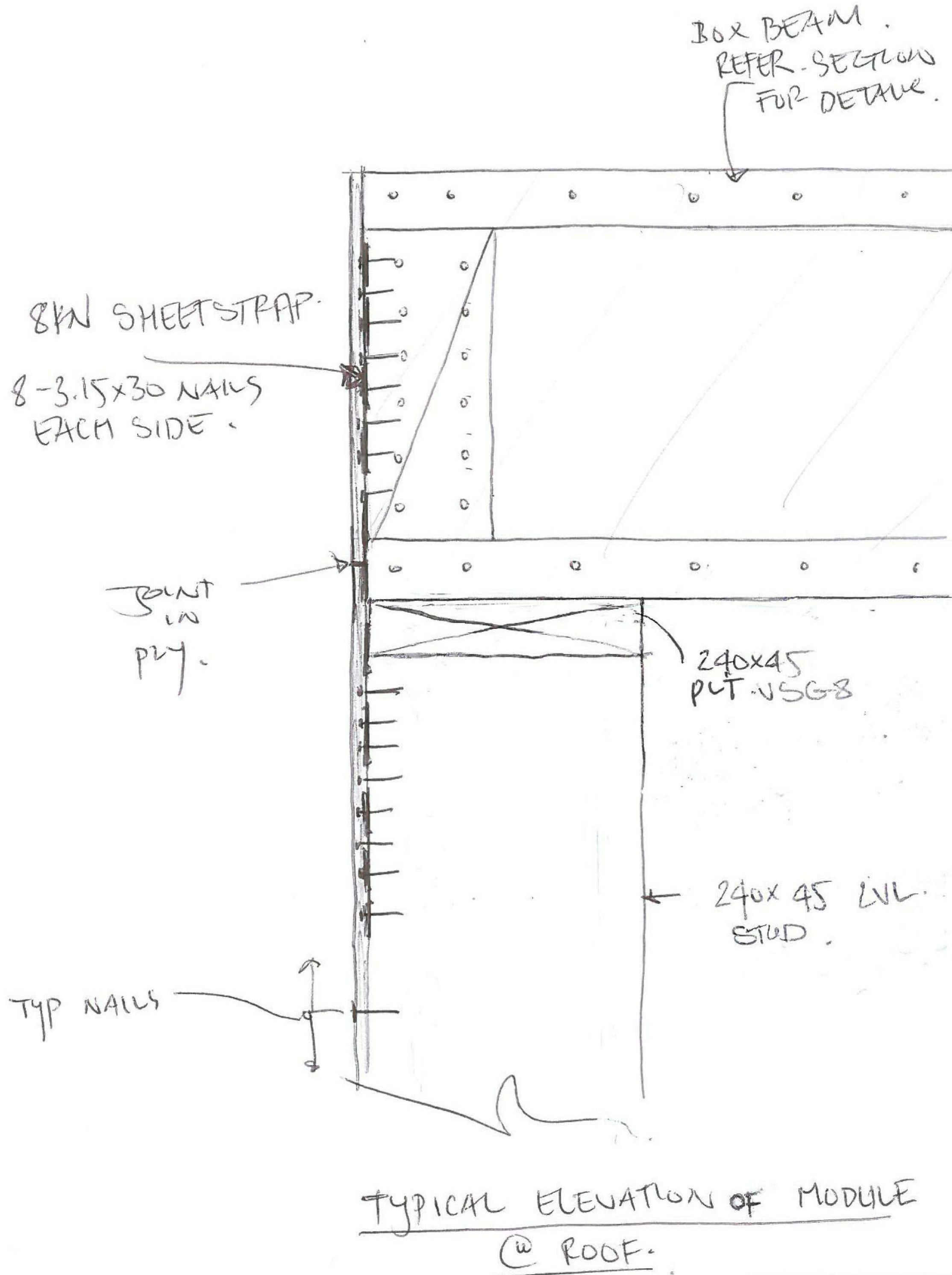
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JOB NAME: VUW USDE SOLAR DECATHLON 2011
 JOB NO: 6751 DRAWN BY: RGC DATE: 10/10 SKT NO.: sk 12



21-Oct-10, MASTSKTH

GENERAL SHEET NOTES

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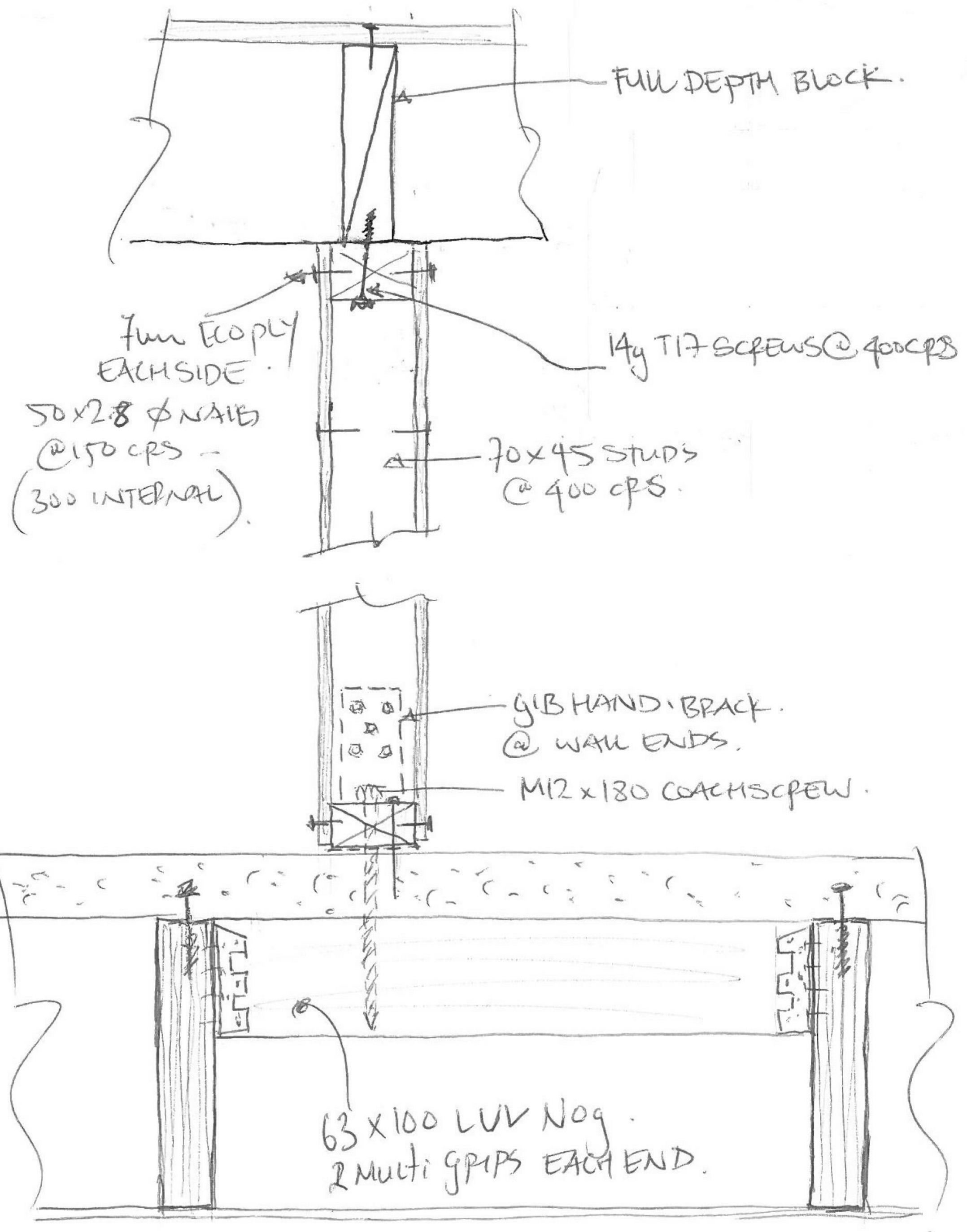
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TYPICAL - ACROSS / INTERNAL BRACED WALL SECTION

21-Oct-10, MASTSKTH

GENERAL SHEET NOTES

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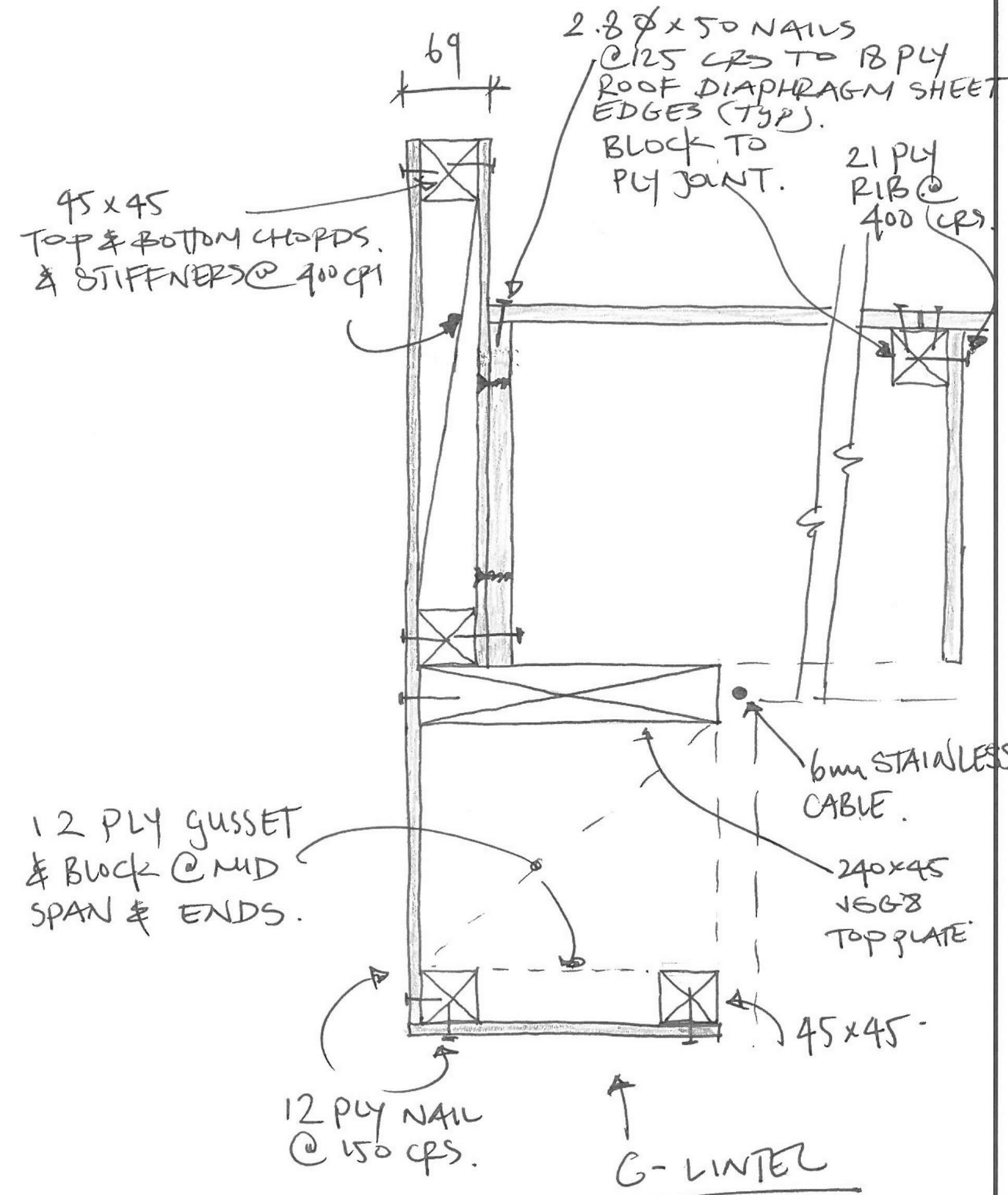
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2-Nov-10, MASTSKTH

GENERAL SHEET NOTES

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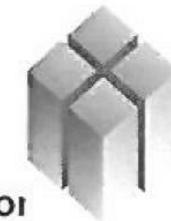
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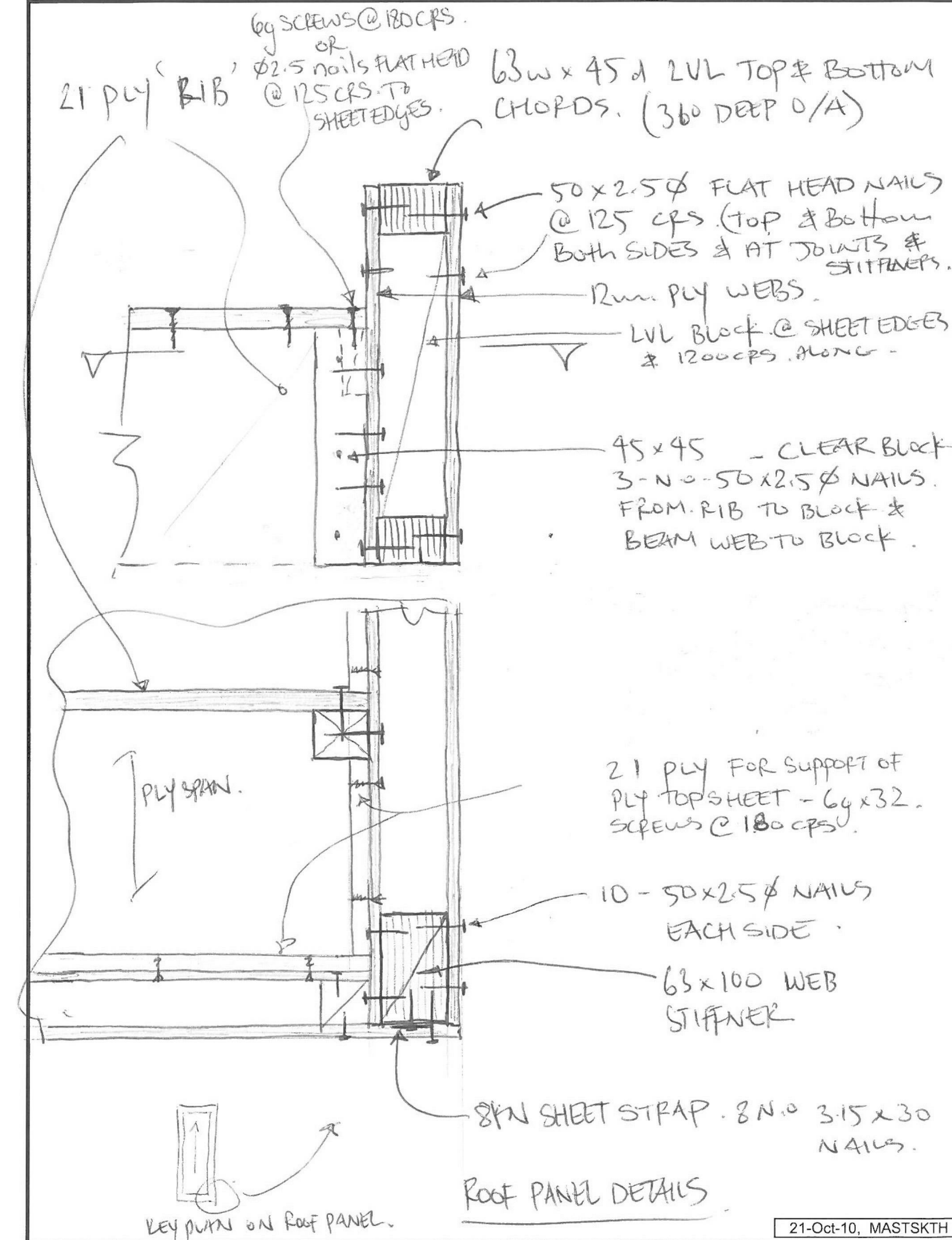
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Roof PANEL DETAILS

21-Oct-10, MASTSKTH

GENERAL SHEET NOTES

REFERENCE KEYNOTES

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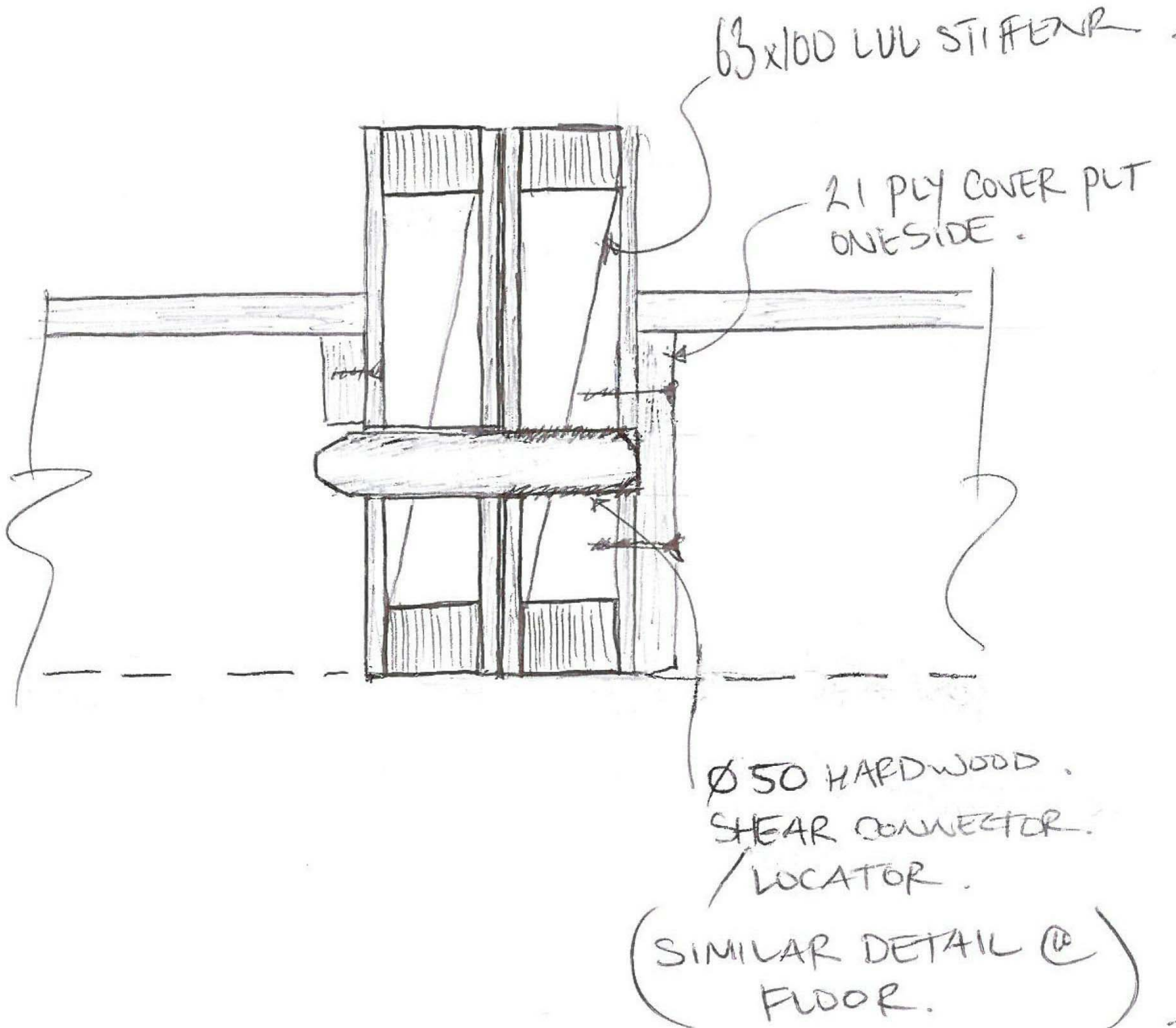
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21-Oct-10, MASTSKTH

GENERAL SHEET NOTES

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**STRUCTURAL
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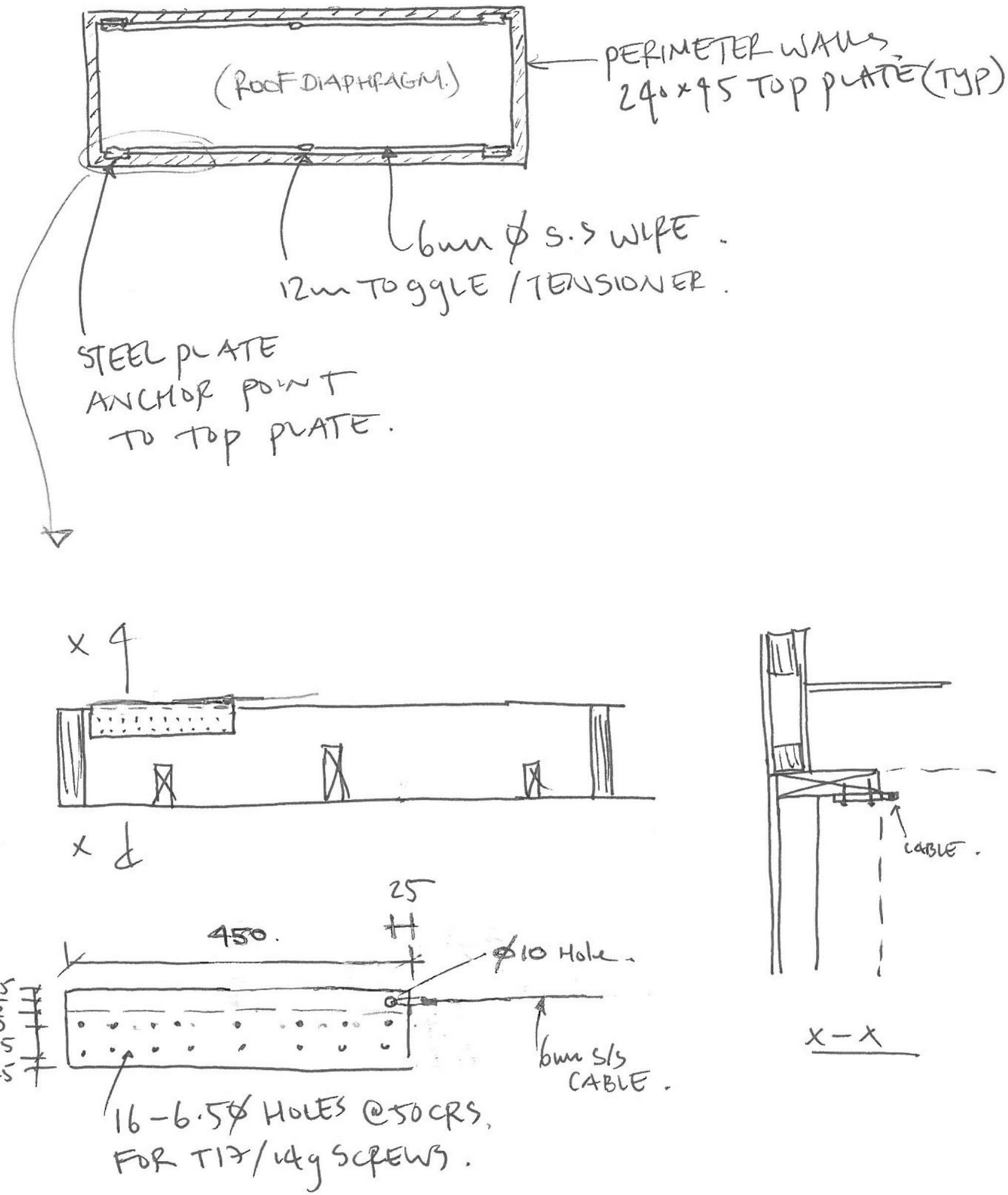
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DIAHRAGM



27-Oct-10, MASTSKTH

GENERAL SHEET NOTES

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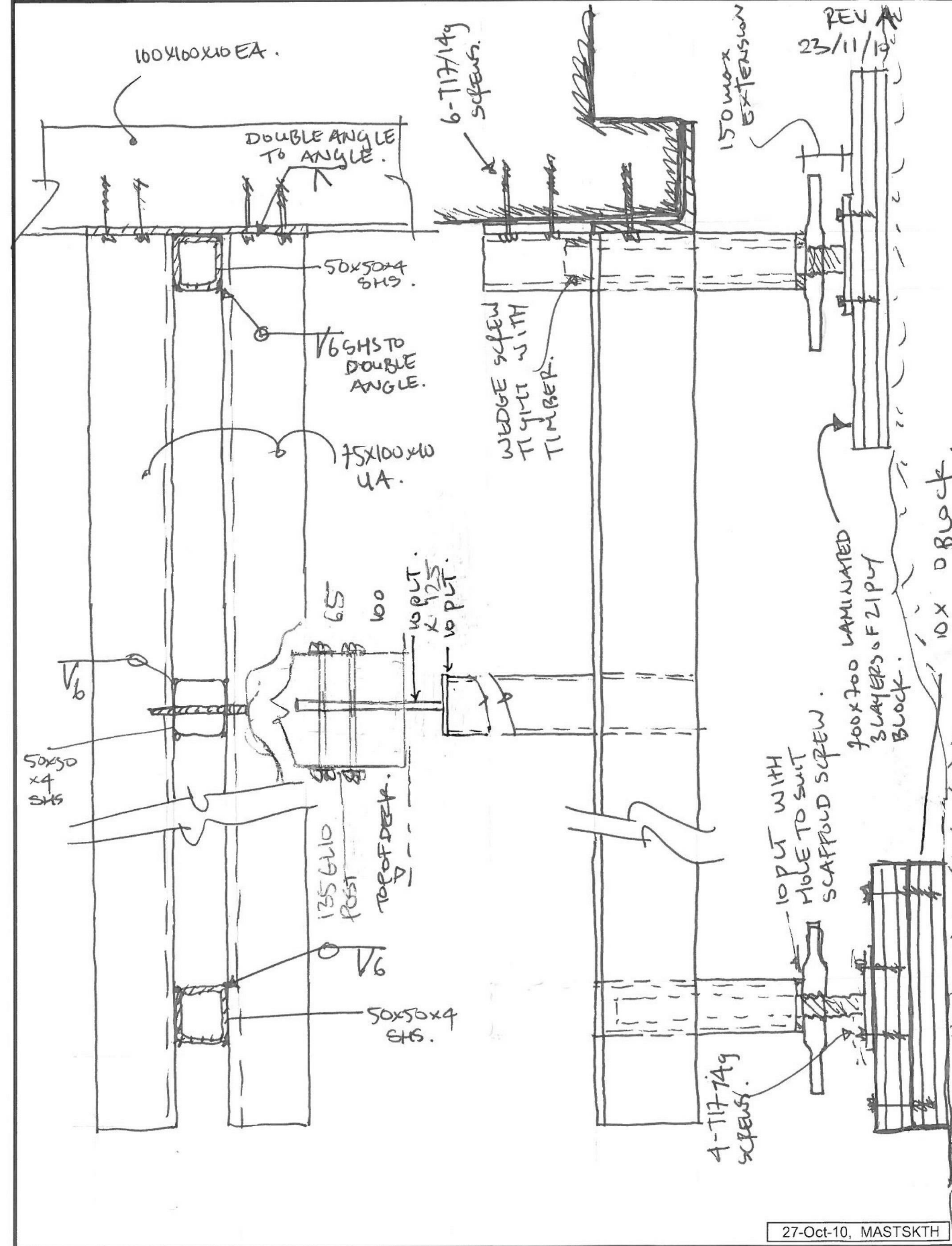
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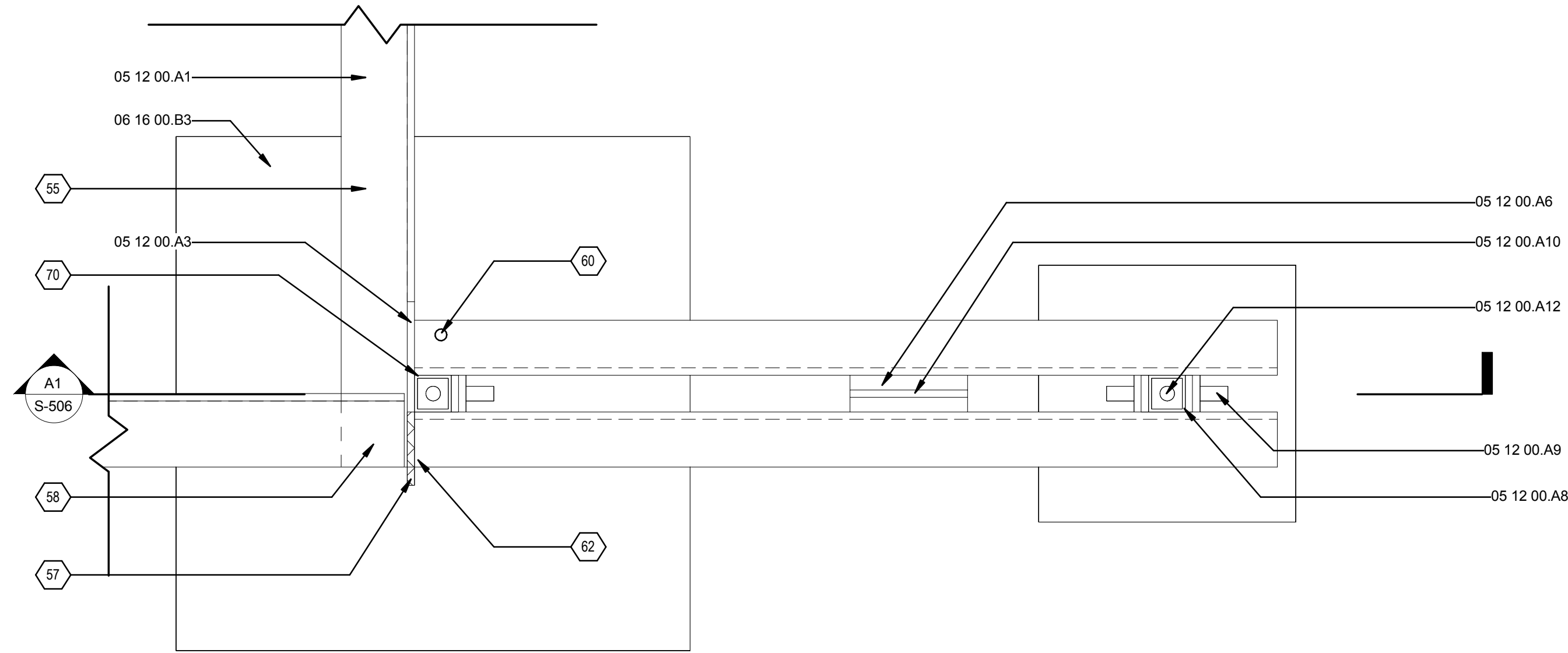
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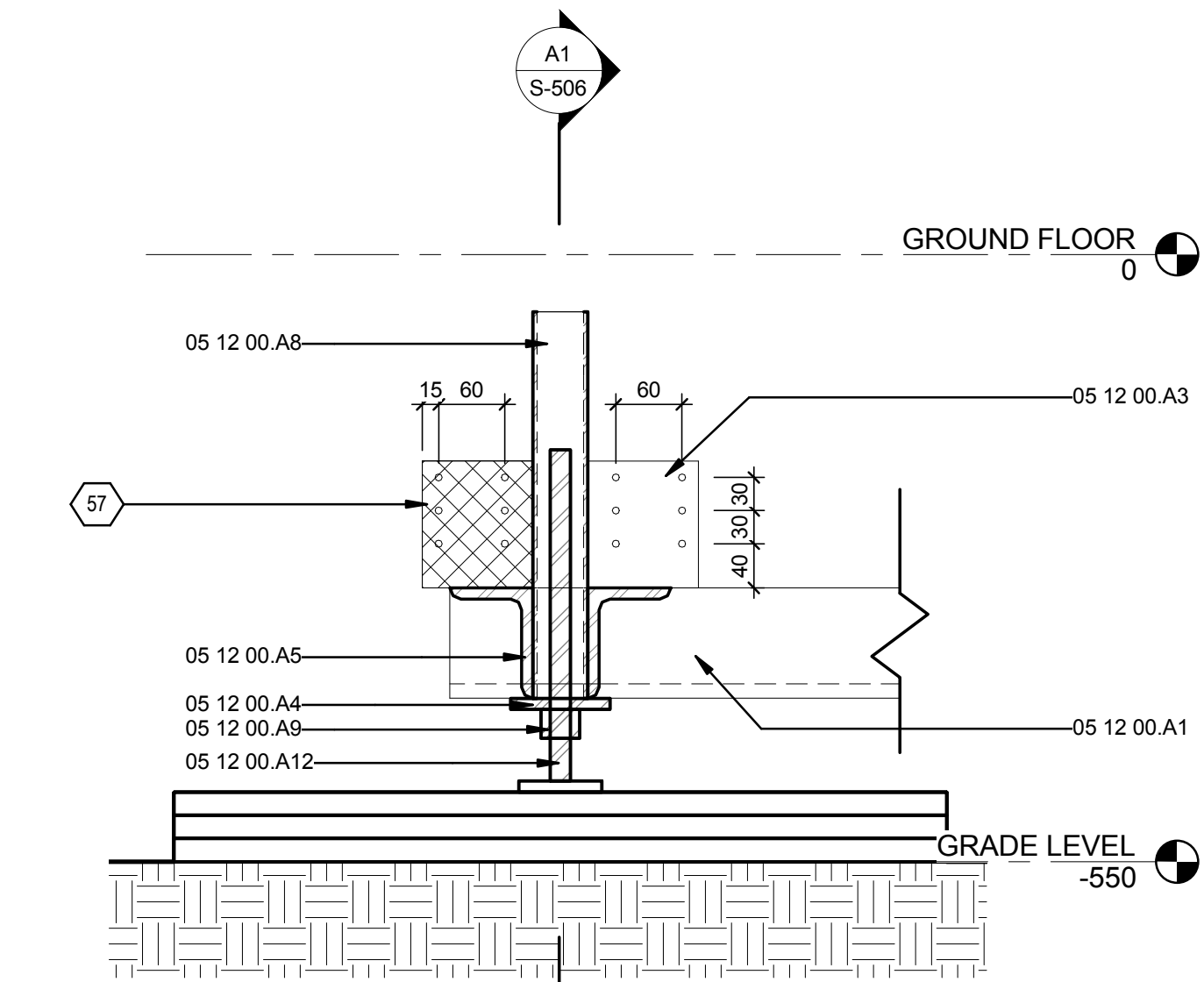
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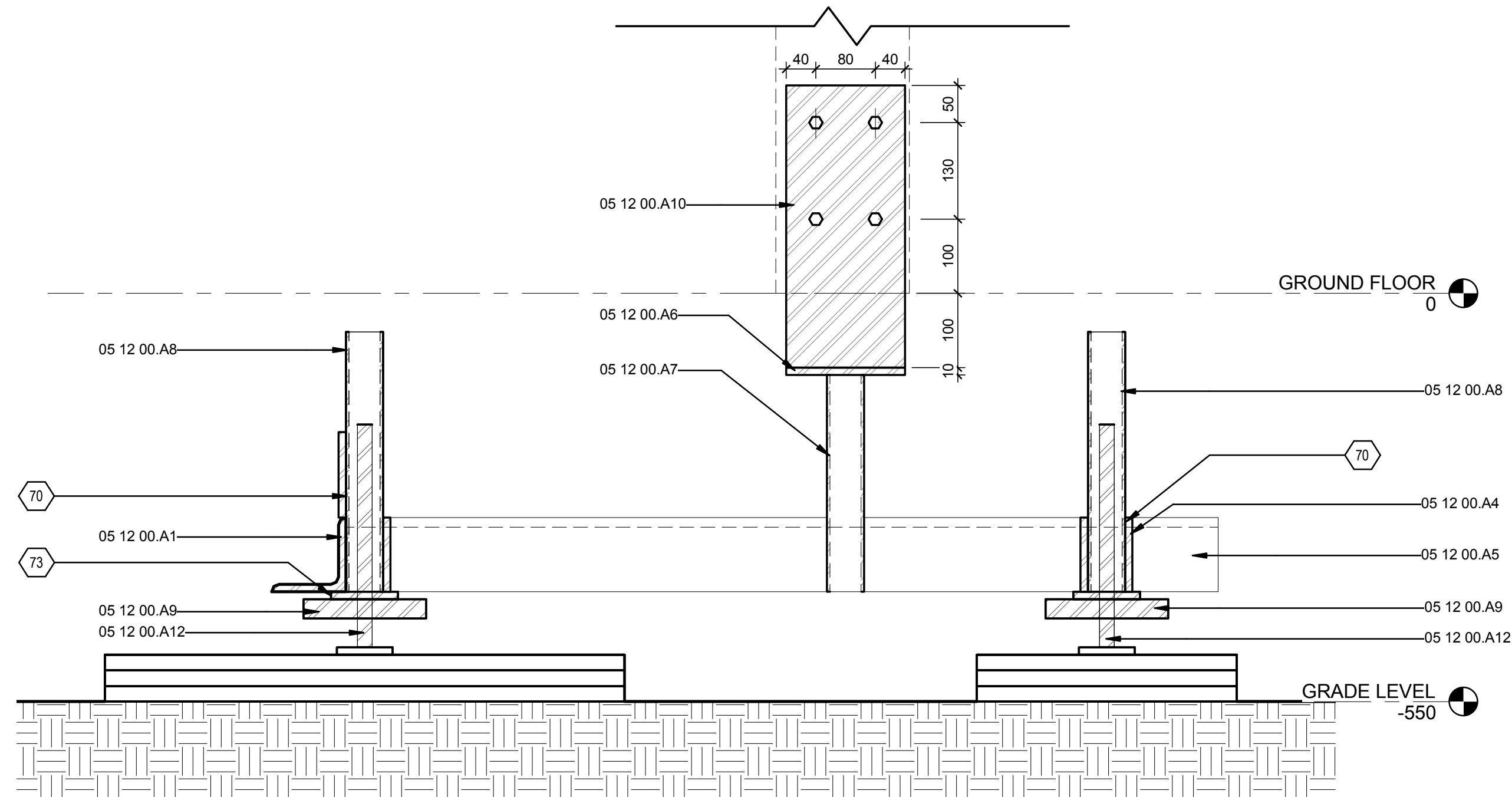
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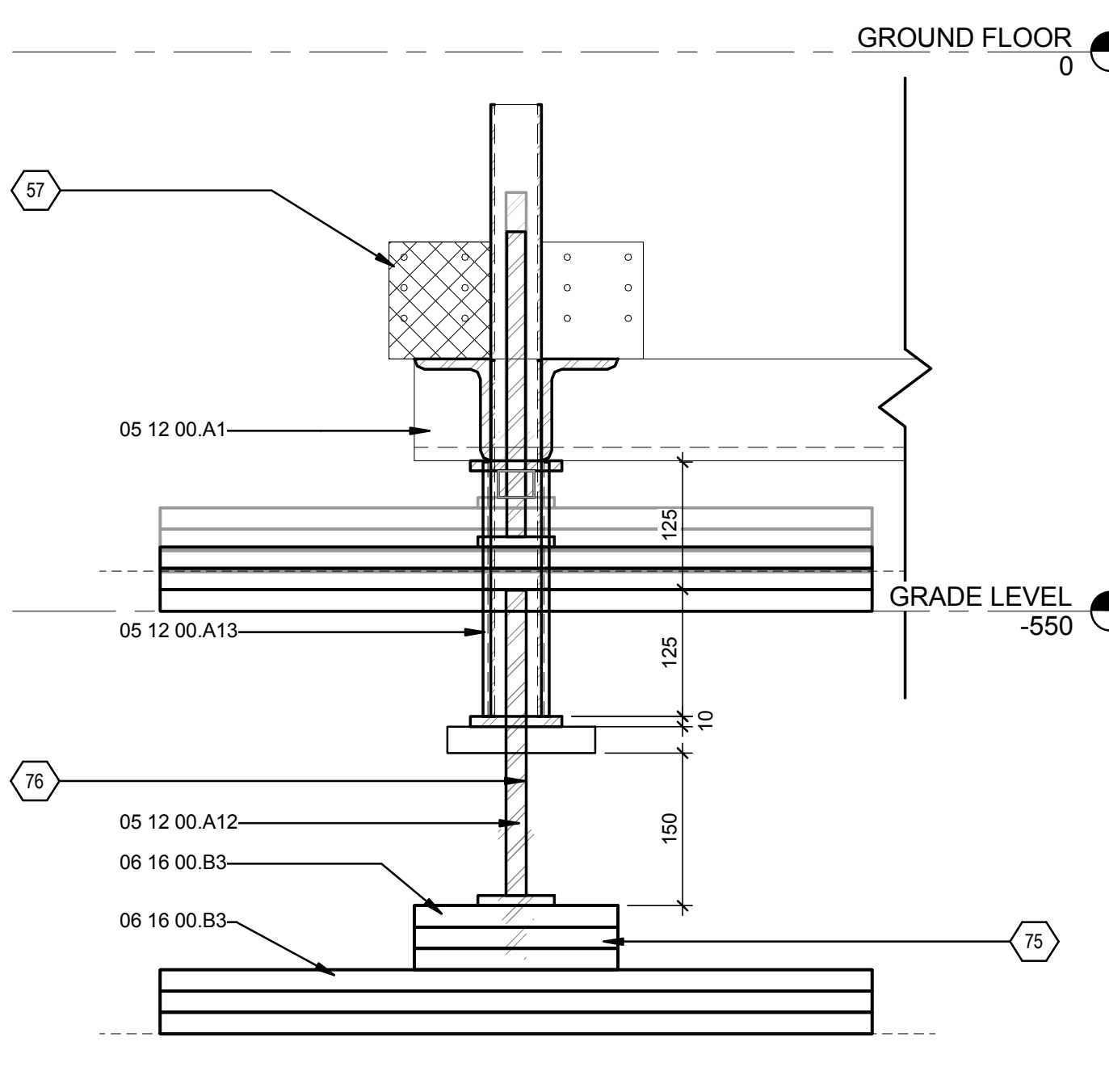
D1 OUTRIGGER PLAN
1:6



D5 TRANSVERSE SECTION
1:6



A1 LONGITUDINAL SECTION
1:6



A5 FOOTING EXTENSION
1:6

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A1 100X100X10MM EA FOUNDATION BEARER
- 05 12 00.A3 10MM STEEL CONNECTION PLATE WELDED TO FOUNDATION BEARER
- 05 12 00.A4 10MM STEEL PLATE
- 05 12 00.A5 75X100X10MM UA FOUNDATION OUTRIGGER
- 05 12 00.A6 160X50X10MM STEEL SUPPORT PLATE
- 05 12 00.A7 50X50X4MM SHS CANOPY POST SUPPORT
- 05 12 00.A8 50X50X4MM SHS STEEL ADJUSTABLE INSERT
- 05 12 00.A9 STEEL SCAFFOLD SCREW JACK NUT
- 05 12 00.A10 230X160X10MM STEEL POST CONNECTION PLATE
- 05 12 00.A12 ADJUSTABLE STEEL SCAFFOLD SCREW WITH 700X700MM PLYWOOD FOOTING. MAXIMUM VERTICAL DEVIATION 463MM
- 05 12 00.A13 65X65X5MM SHS STEEL FOUNDATION SLEEVE PACKER
- 06 16 00.B3

SHEET KEYNOTES

- 55 INSIDE FACE OF ALL BEARERS MUST REMAIN FREE FROM OBSTRUCTION
- 57 HATCHED SECTION OF CONNECTION PLATE REMOVED FROM OUTSIDE EDGE OF THE FOUR CORNER OUTRIGGERS
- 58 BRACING STRUT BOLT FIXED THROUGH BOTTOM FLANGE TO BEARER INSIDE FACE OF STRUT MUST LINE UP WITH GRID LINE
- 60 8MM RADIUS WINCH HOLE DRILLED THROUGH INSIDE ANGLE OF THE FOUR CORNER OUTRIGGERS
- 62 OUTRIGGERS V-BUTT WELDED TO ANGLE BEARER
- 70 ADJUSTABLE INSERT TIGHT FITTED BETWEEN ANGLES AND WELDED PLATE
- 73 10MM THICK END PLATE WELDED TO ADJUSTABLE SLEEVE WITH CENTRE HOLE DRILLED TO SUIT SCAFFOLD SCREW
- 75 PLYWOOD BASE BUILT UP TO ACHIEVE REQUIRED HEIGHT
- 76 SCAFFOLD SCREW WITH 190MM COVER INSIDE SHS INSERT



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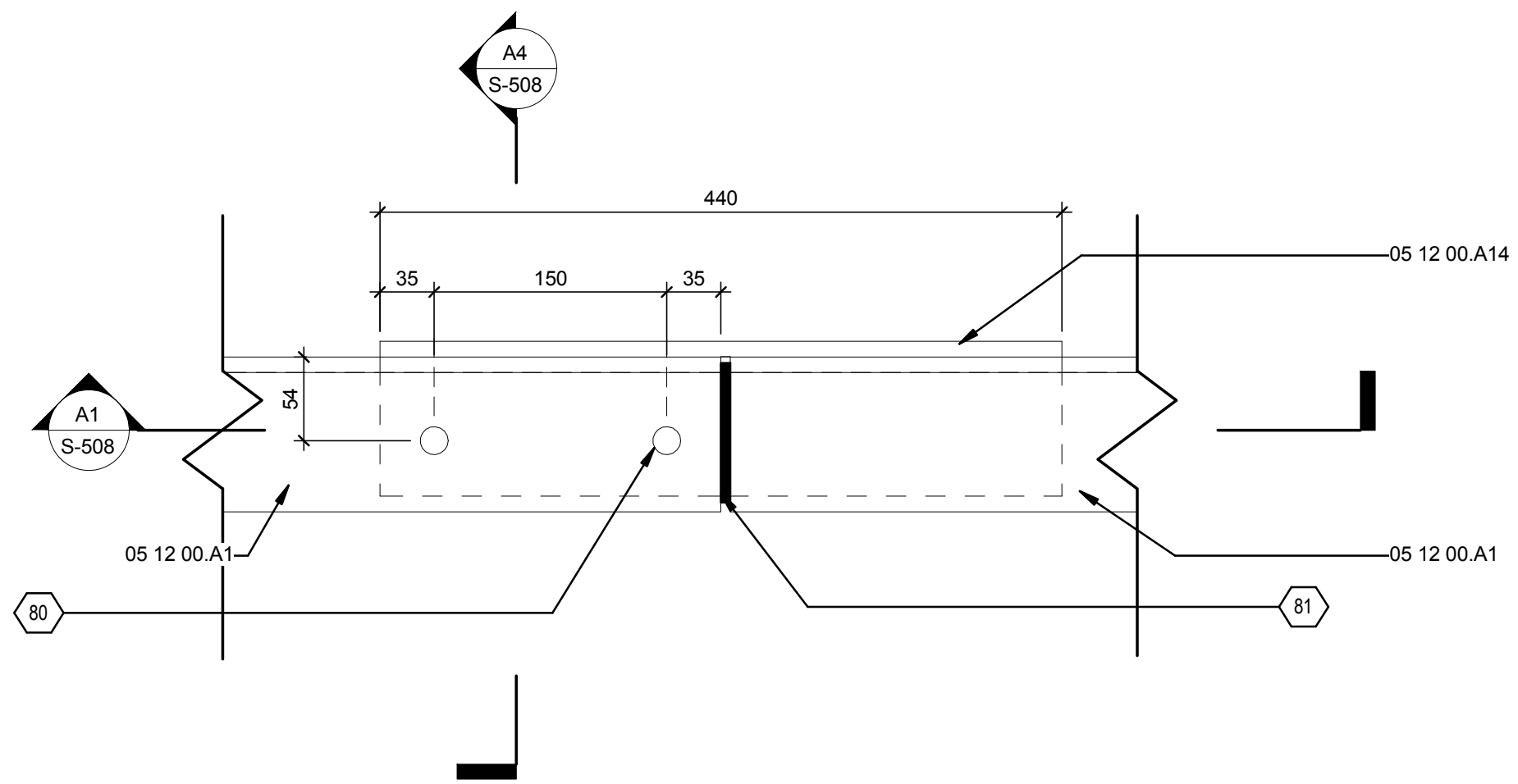
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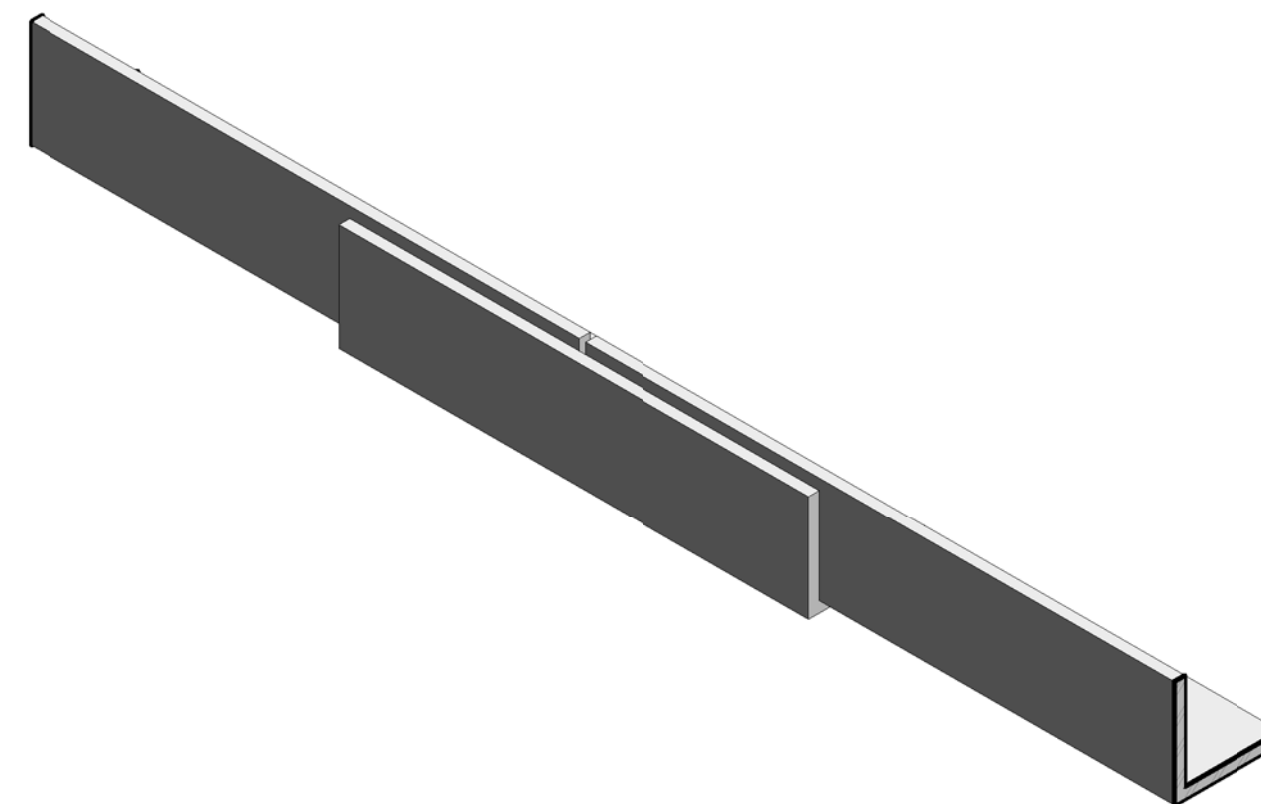
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SHEET TITLE
FOUNDATION SUB FRAME

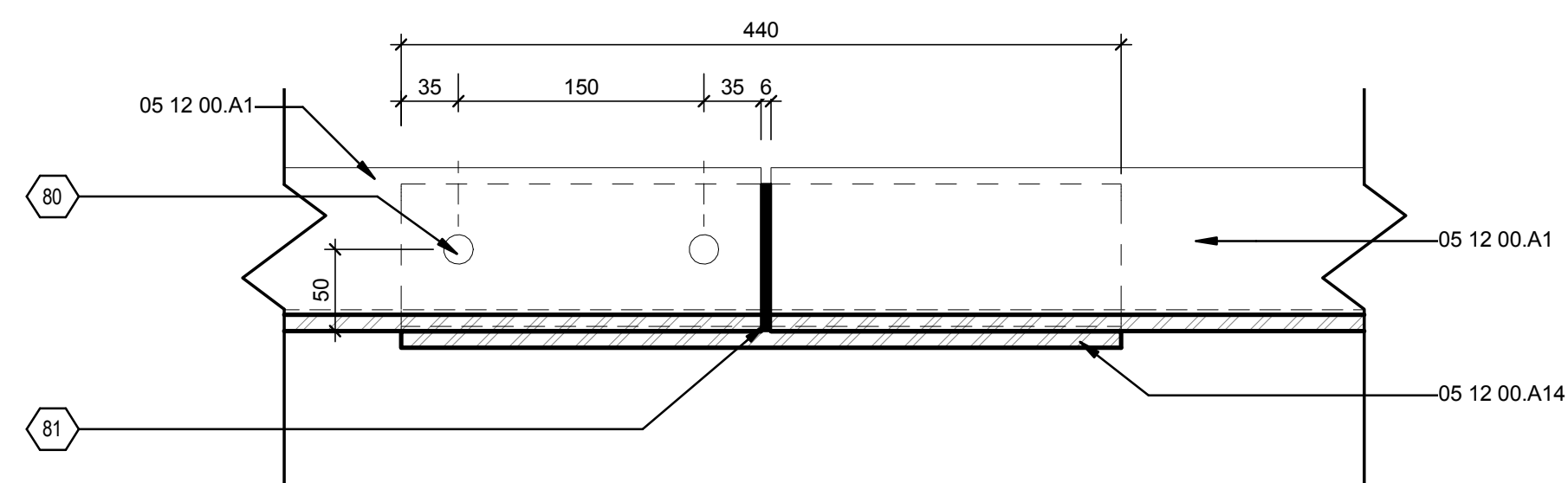
S-506



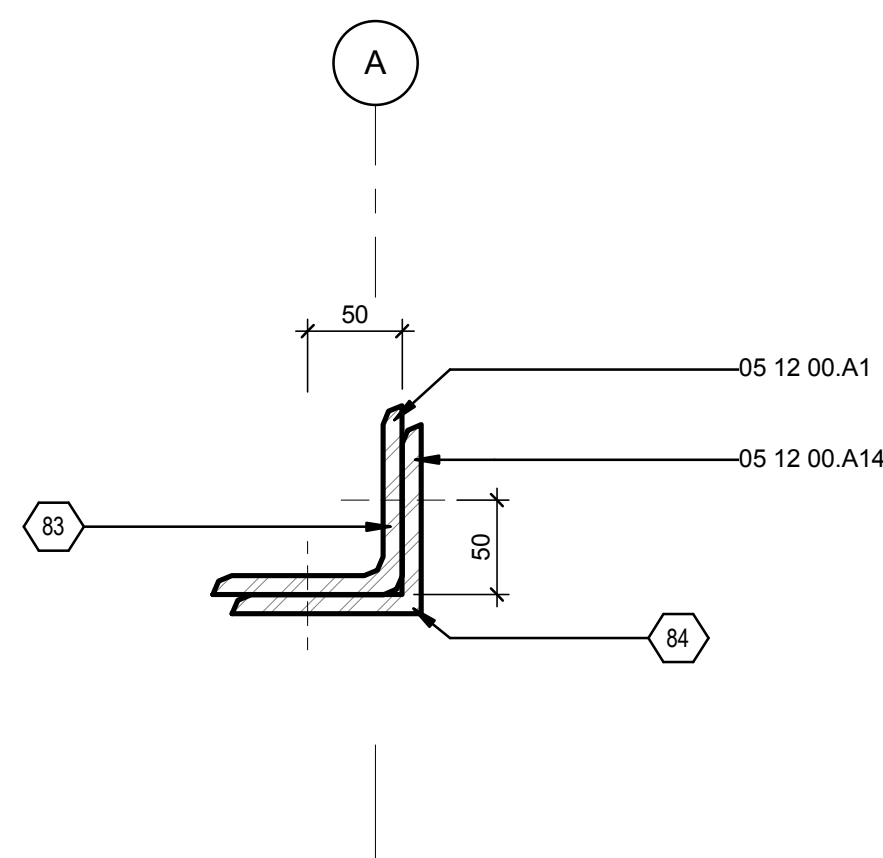
C1 BEARER CONNECTION PLAN
1:4



C4 BEARER & CONNECTION PLATE DETAIL



A1 BEARER LONGITUDINAL SECTION
1:4



A4 BEARER TRANSVERSE SECTION
1:4

GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 12 00.A1 100X100X10MM EA FOUNDATION BEARER
05 12 00.A14 100X100X10MM EA FOUNDATION BEARER CONNECTOR ANGLE

SHEET KEYNOTES

- 80 4/M16 COUNTERSUNK BOLTS FITTED VERTICALLY & HORIZONTALLY THROUGH ANGLES
- 81 6MM FILLET WELD AROUND ALL EDGES BETWEEN CONNECTION ANGLE AND SINGLE BEARER
- 83 M16 COUNTERSUNK BOLTS INSIDE FACE OF BEARER MUST REMAIN FREE FROM OBSTRUCTION
- 84 GRIND CORNER OF BEARER LOCALLY SO BEARER CONNECTION ANGLE FITS SNUGLY



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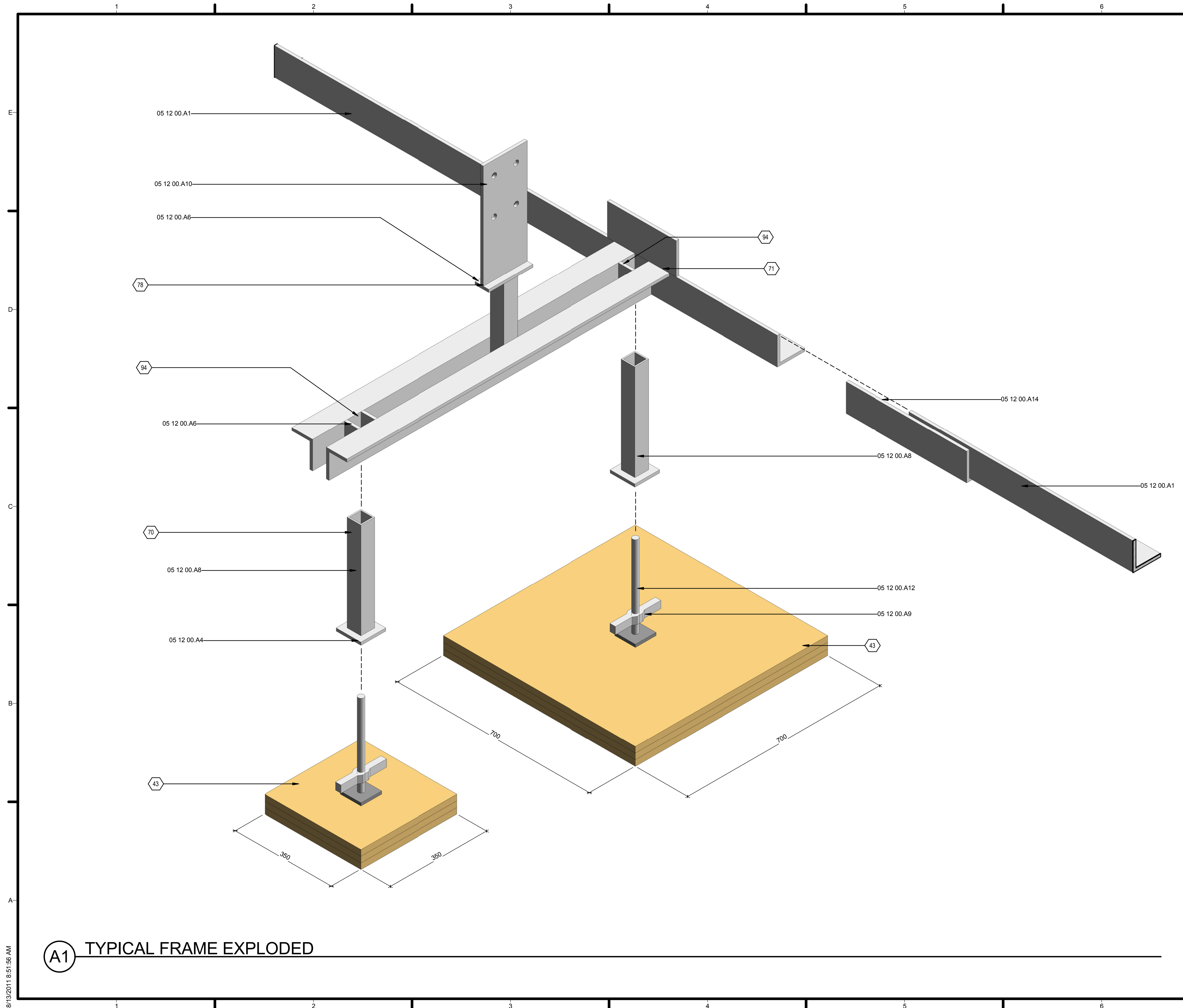


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SHEET TITLE
BEARER CONNECTION DETAILS

S-508



A1 TYPICAL FRAME EXPLODED

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 12 00.A1 100X100X10MM EA FOUNDATION BEARER
- 05 12 00.A4 10MM STEEL PLATE
- 05 12 00.A6 160X50X10MM STEEL SUPPORT PLATE
- 05 12 00.A8 50X50X4MM SHS STEEL ADJUSTABLE INSERT
- 05 12 00.A9 STEEL SCAFFOLD SCREW JACK NUT
- 05 12 00.A10 230X160X10MM STEEL POST CONNECTION PLATE
- 05 12 00.A12 ADJUSTABLE STEEL SCAFFOLD SCREW WITH 700X700MM PLYWOOD FOOTING. MAXIMUM VERTICAL DEVIATION 463MM
- 05 12 00.A14 100X100X10MM EA FOUNDATION BEARER CONNECTOR ANGLE

SHEET KEYNOTES

- 43 FOUNDATION BASE PLATE. 3X21MM PLYWOOD SHEETS
- 70 ADJUSTABLE INSERT TIGHT FITTED BETWEEN ANGLES AND WELDED PLATE
- 71 OUTRIGGER WELDED TO CONNECTION PLATE
- 78 PLATE WELDED TO POST SUPPORT 160X50MM
- 94 10MM PLATE WELDED BETWEEN ANGLES TO FORM BOX. CREATE TIGHT FIT TO SHS INSERT. INSIDE FACE MUST REMAIN CLEAR TO ENABLE INSERT TO SLIDE



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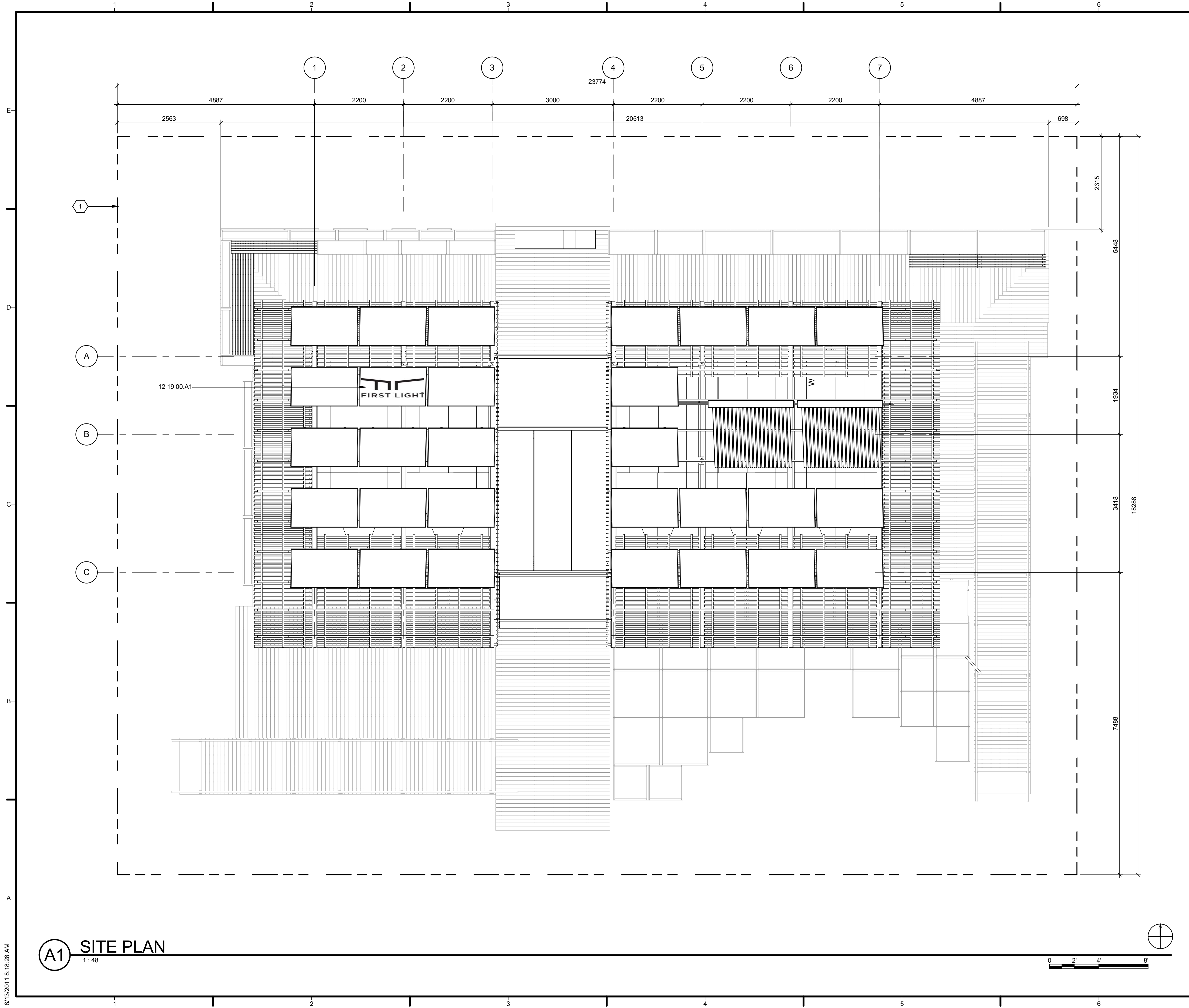
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SHEET TITLE
TYPICAL FRAME EXPLODED

S-901



A1 SITE PLAN
1:48

GENERAL SHEET NOTES

REFERENCE KEYNOTES

12 19 00.A1 PLYWOOD FIRST LIGHT LOGO PANEL

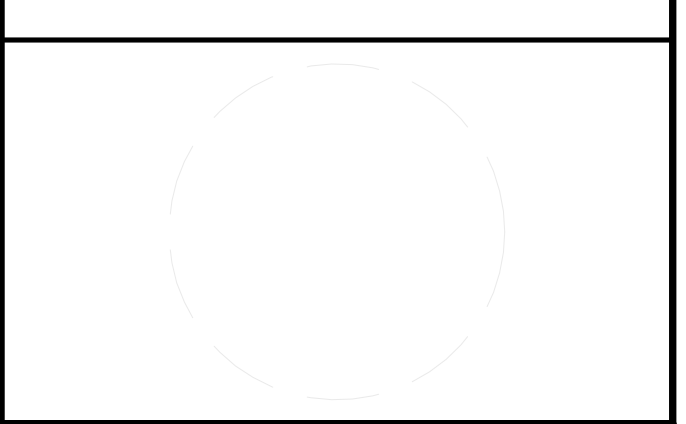
SHEET KEYNOTES

1 SITE BOUNDARY



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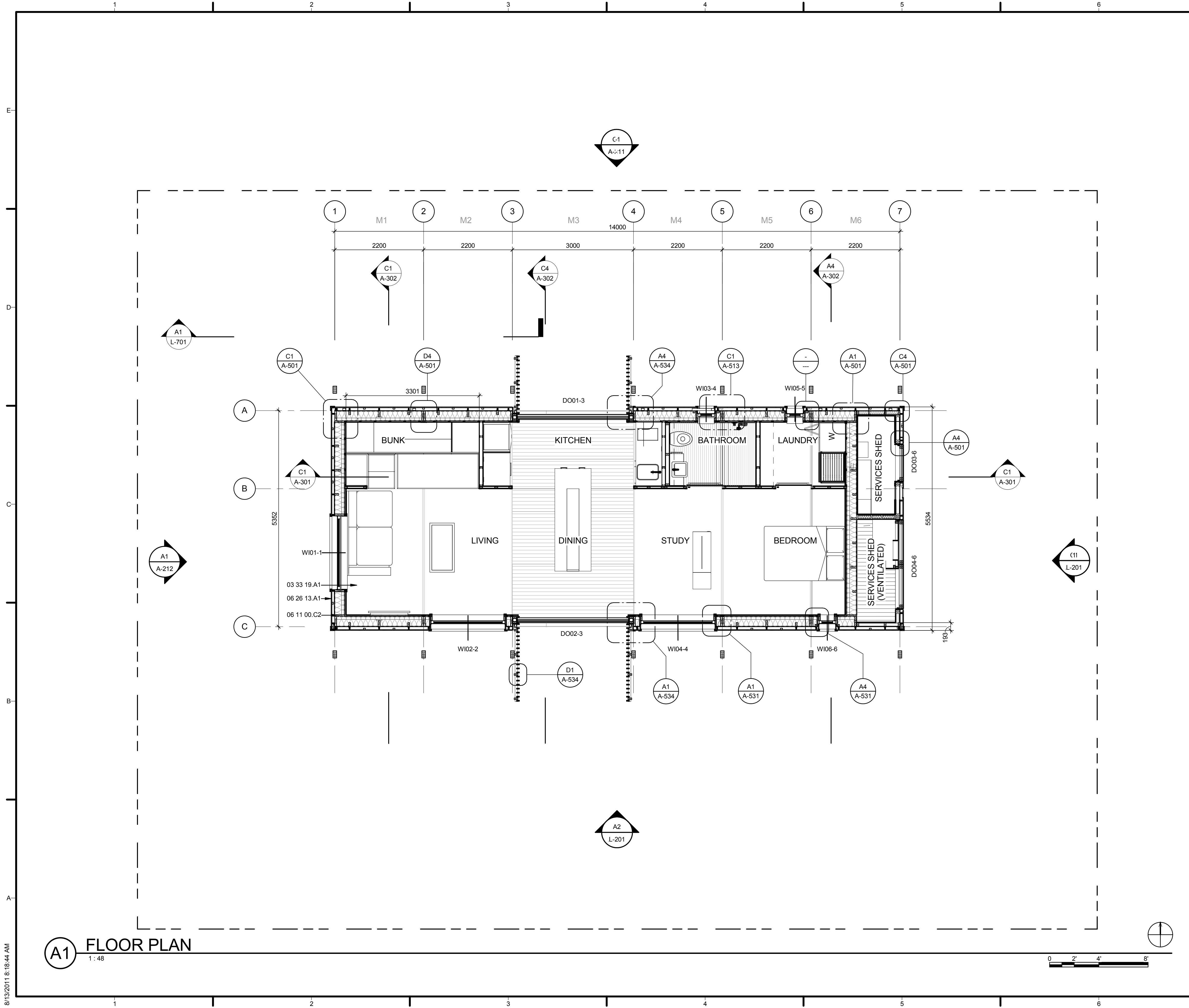
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SHEET TITLE
SITE PLAN

A-101

8/13/2011 8:18:28 AM



GENERAL SHEET NOTES

1. REFER INTERIOR DRAWING SET FOR INTERNAL WALL SETOUT

REFERENCE KEYNOTES

03 33 19.A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE CONCRETE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)

06 11 00.C2 240X45MM LVL WALL STUD

06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.

SHEET KEYNOTES



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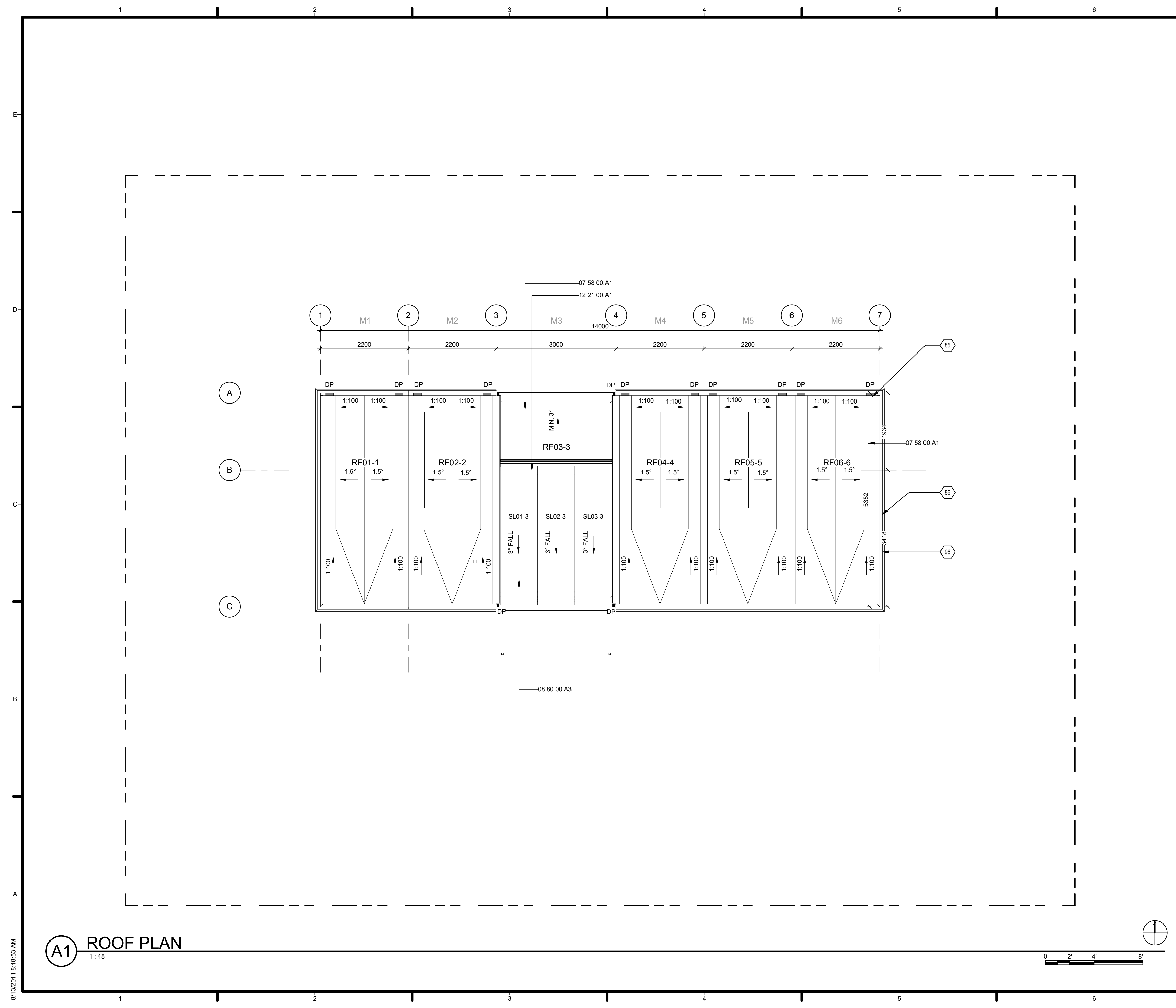
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SHEET TITLE

FLOOR PLAN
 A-111

A1 FLOOR PLAN
 1:48

8/13/2011 8:18:44 AM




GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 07 58 00.A1 BUTYNOL ROOFING MEMBRANE ON PLYWOOD SUBSTRATE. 1.5° FALL TO ROOF.
- 08 80 00.A3 TRIPPLE GLAZED THREE PART CUSTOM SKYLIGHT STRUCTUALLY SEALED TO MS ANGLE FRAMES. 42MM. 3° FALL
- 12 21 00.A1 MOTORISED ROLLOUT THERMAL SKYLIGHT INSULATION UNDER SKYLIGHT.

SHEET KEYNOTES

- 85 ROOF PANELS SCUPPERED ON NORTH EDGE. DOWNPIPES RUN IN CAVITY BETWEEN WALL AND REMOVABLE CLADDING PANELS.
- 86 PARAPET FLASHING OVER EXTERIOR CLADDING PANELS INSTALLED AFTER MODULE ASSEMBLY
- 96 INDIVIDUAL ROOFING MODULES PREFABRICATED OFF SITE




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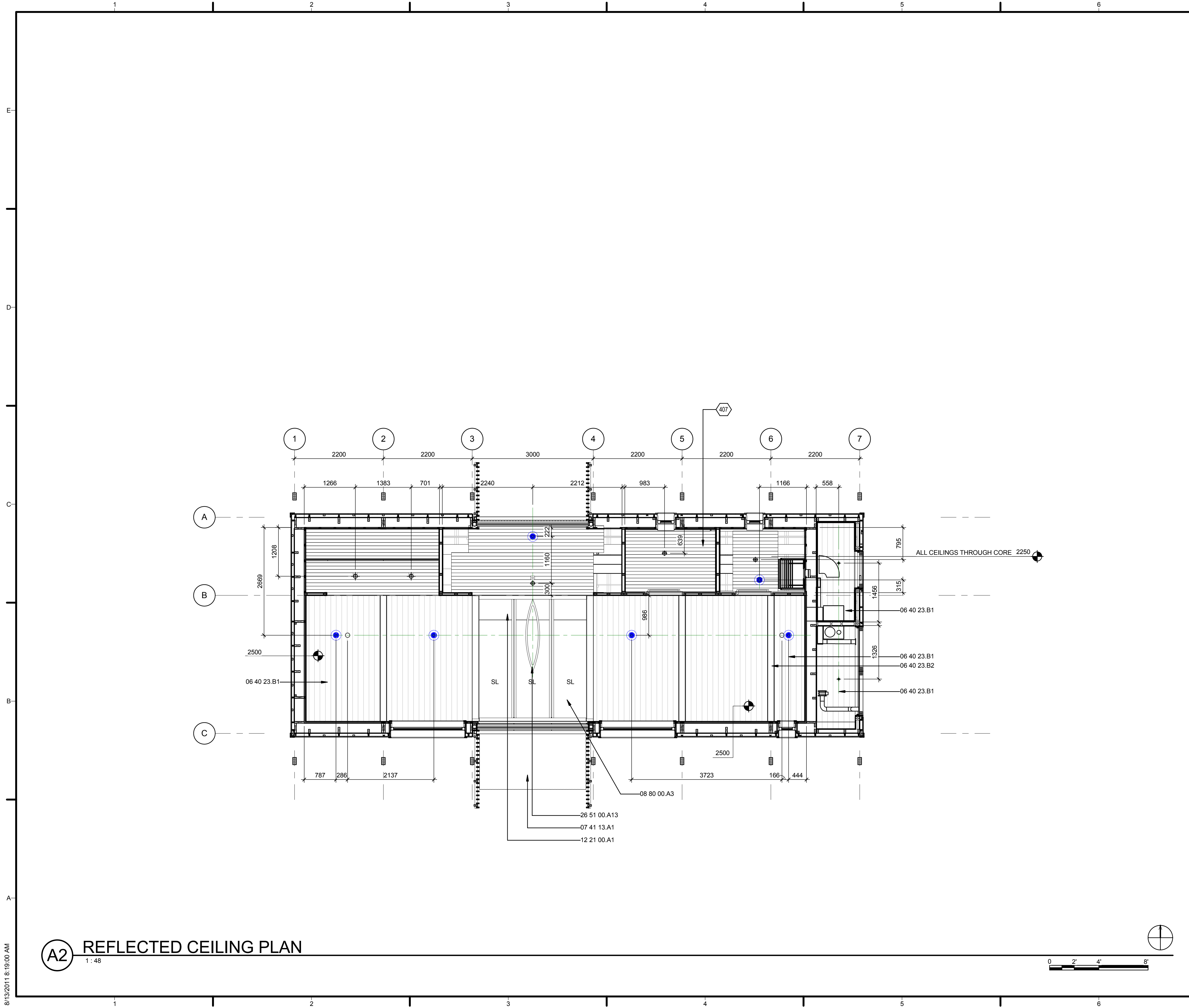
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SHEET TITLE
ROOF PLAN

A-112

A1 ROOF PLAN
1:48

8/13/2011 8:18:53 AM



A2 REFLECTED CEILING PLAN
1:48

GENERAL SHEET NOTES

1. MEASUREMENTS FOR CEILING FITTINGS TAKEN FROM WALL STRUCTURE

- 6W RECESSED DOWNLIGHT
- 12W RECESSED DOWNLIGHT
- SMOKE DETECTOR / ALARM
- SPRINKLER HEAD

REFERENCE KEYNOTES

- 06 40 23.B1 135X19MM WHITEWASHED TONGUE & GROOVE PROFILE PINE TIMBER BOARD TO CEILING ALIGNED TO DIRECTION INDICATED
- 06 40 23.B2 150 X 19MM REMOVABLE WHITEWASHED TIMBER BOARD TO MODULE JOINS
- 07 41 13.A1 METALCRAFT PROFILED CORRUGATE ROOFING AT 3°. BOLT FIXED TO STEEL ANGLE
- 08 80 00.A3 TRIPPLE GLAZED THREE PART CUSTOM SKYLIGHT STRUCTUALLY SEALED TO MS ANGLE FRAMES. 42MM, 3° FALL
- 12 21 00.A1 MOTORISED ROLLOUT THERMAL SKYLIGHT INSULATION UNDER SKYLIGHT.
- 26 51 00.A13 FEATURE PENDANT LIGHTING FIXTURE OVER DINING ROOM TABLE

SHEET KEYNOTES

- 407 REMOVEABLE RIMU T&G CEILING PANELS TO ALL CEILINGS THROUGH BUILDING CORE - REFER INTERIOR DRAWING SET FOR DETAILS AND SETOUT



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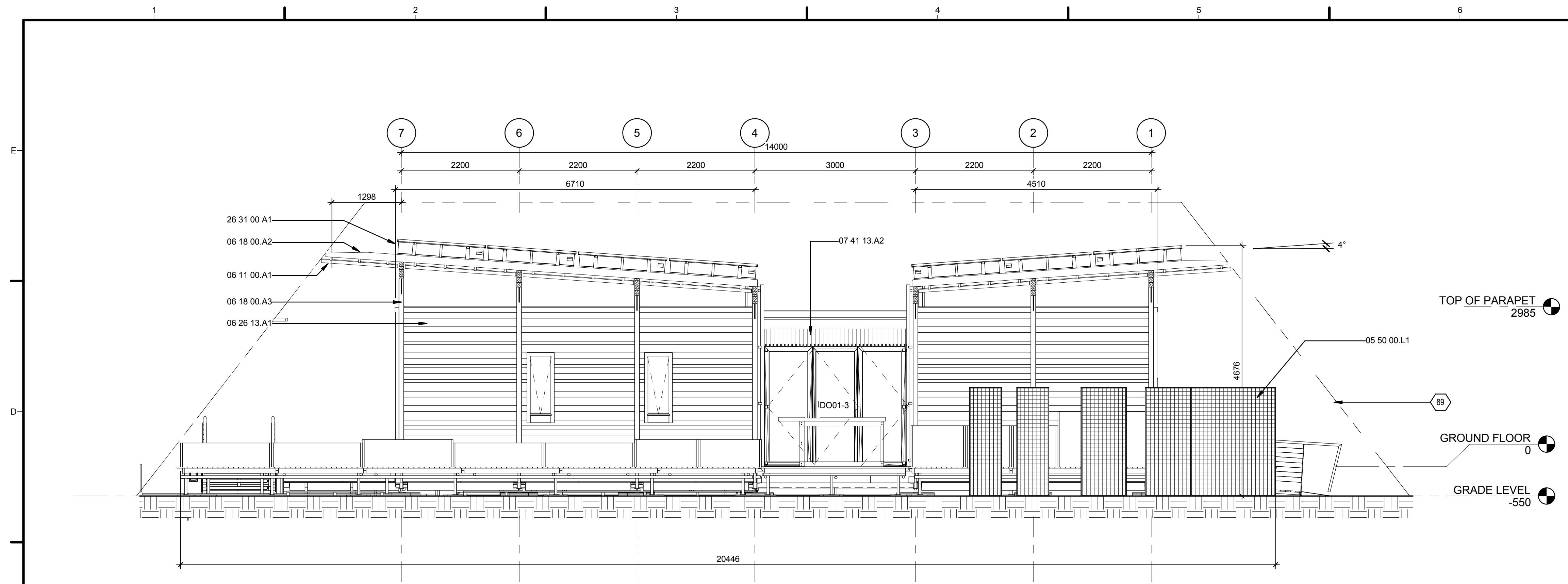
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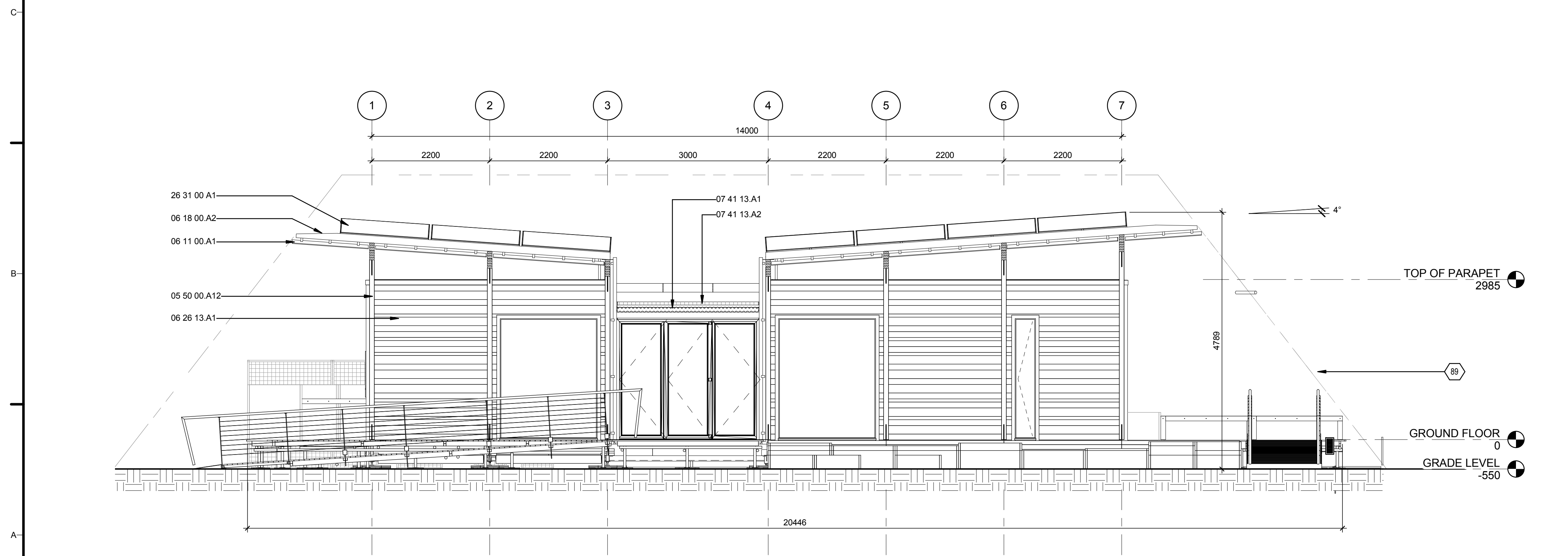
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SHEET TITLE
REFLECTED CEILING PLAN

A-121



C1 NORTH ELEVATION
1:48



A1 SOUTH ELEVATION
1:48

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 50 00.A12 CLADDING WALL CHANNEL TYPE C06
- 05 50 00.L1 LANDSCAPE SCREEN TYPE 1 - NUMBER NEEDED 2
- 06 11 00.A1 75X19MM CEDAR SLATS AT 100MM CENTRES FIXED TO 65X35MM BATTENS. CONSTRUCTED IN PANELISED SYSTEM FOR ONSITE ASSEMBLY.
- 06 18 00.A2 135X42MM GLULAM GL8 RAFTERS AT 750MM NOM. CENTRES SPANNING FULL LENGTH OF CANOPY, TAPERING TO 70X42MM @ CANTILEVERED END. REFER FABRICATION DRAWINGS.
- 06 18 00.A3 90X180MM GLULAM GL10 COLUMN. REFER FABRICATION DRAWINGS.
- 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY. FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
- 07 41 13.A1 METALCRAFT PROFILED CORRUGATE ROOFING AT 3°. BOLT FIXED TO STEEL ANGLE
- 07 41 13.A2 CORRUGATED ALUMINIUM CLADDING
- 26 31 00 A1 225W MITSUBISHI PHOTOVOLTAIC COLLECTORS

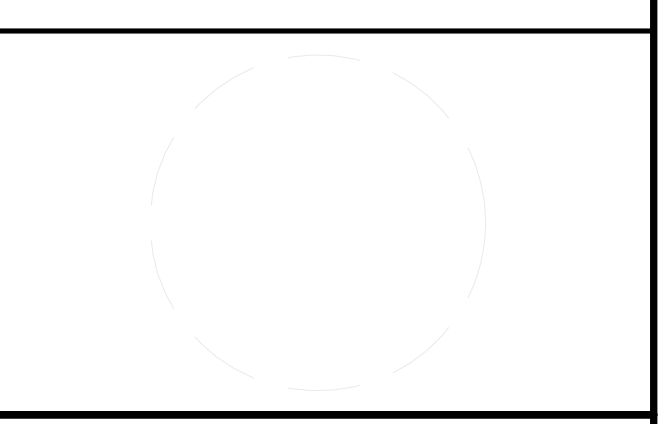
SHEET KEYNOTES

- 89 SOLAR ENVELOPE FOR WASHINGTON SITE SHOWN DASHED



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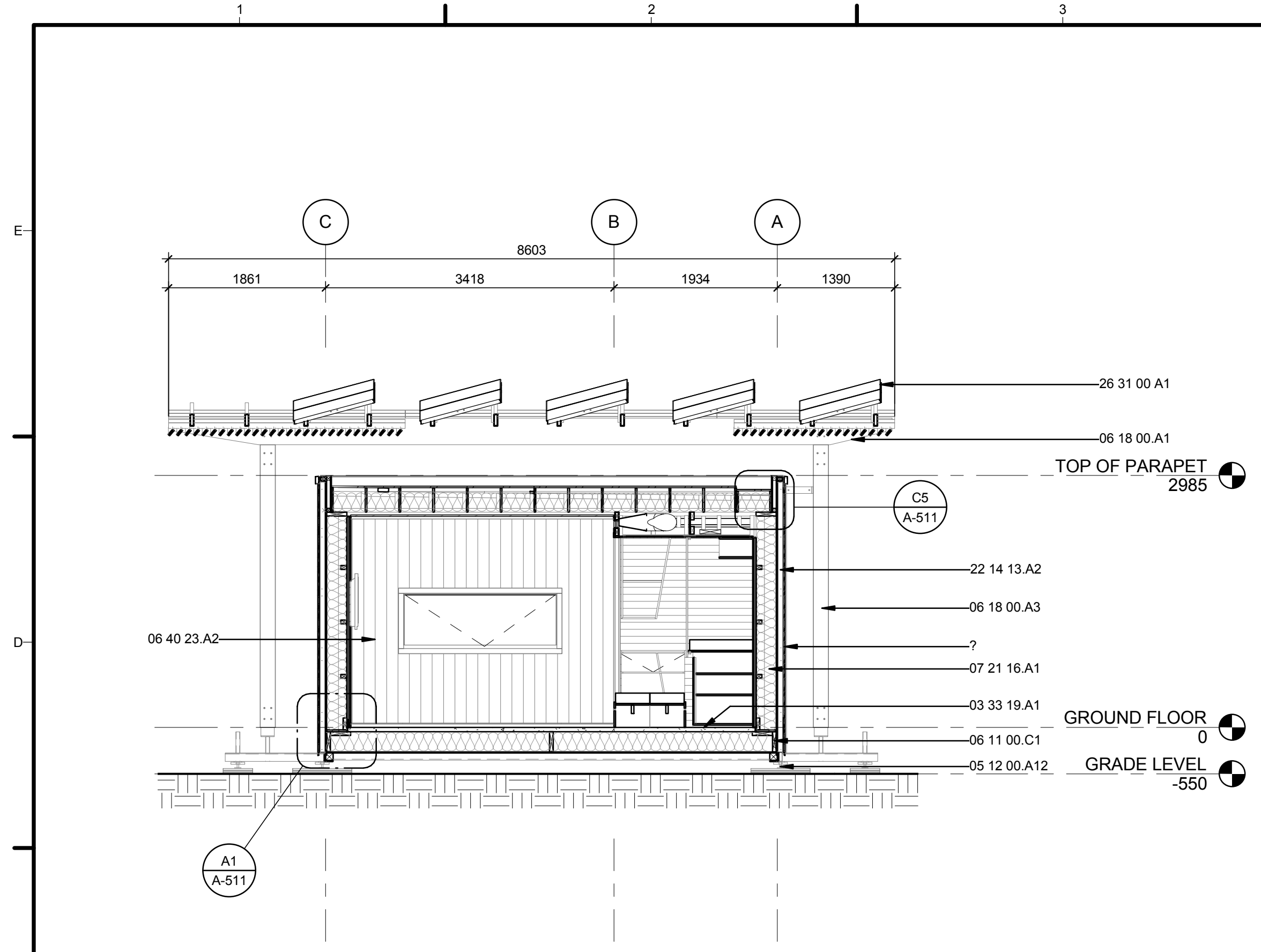
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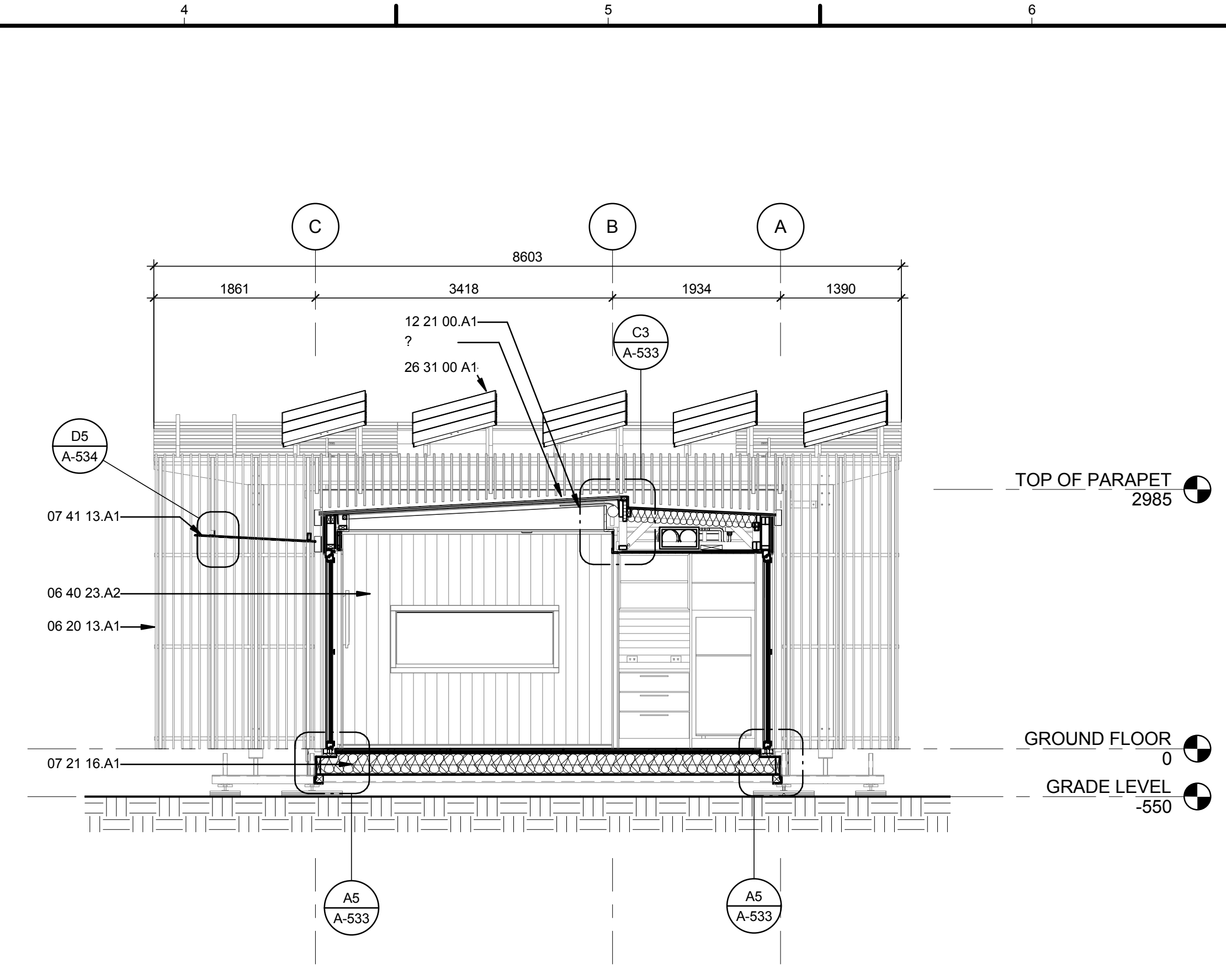
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SHEET TITLE
ELEVATIONS

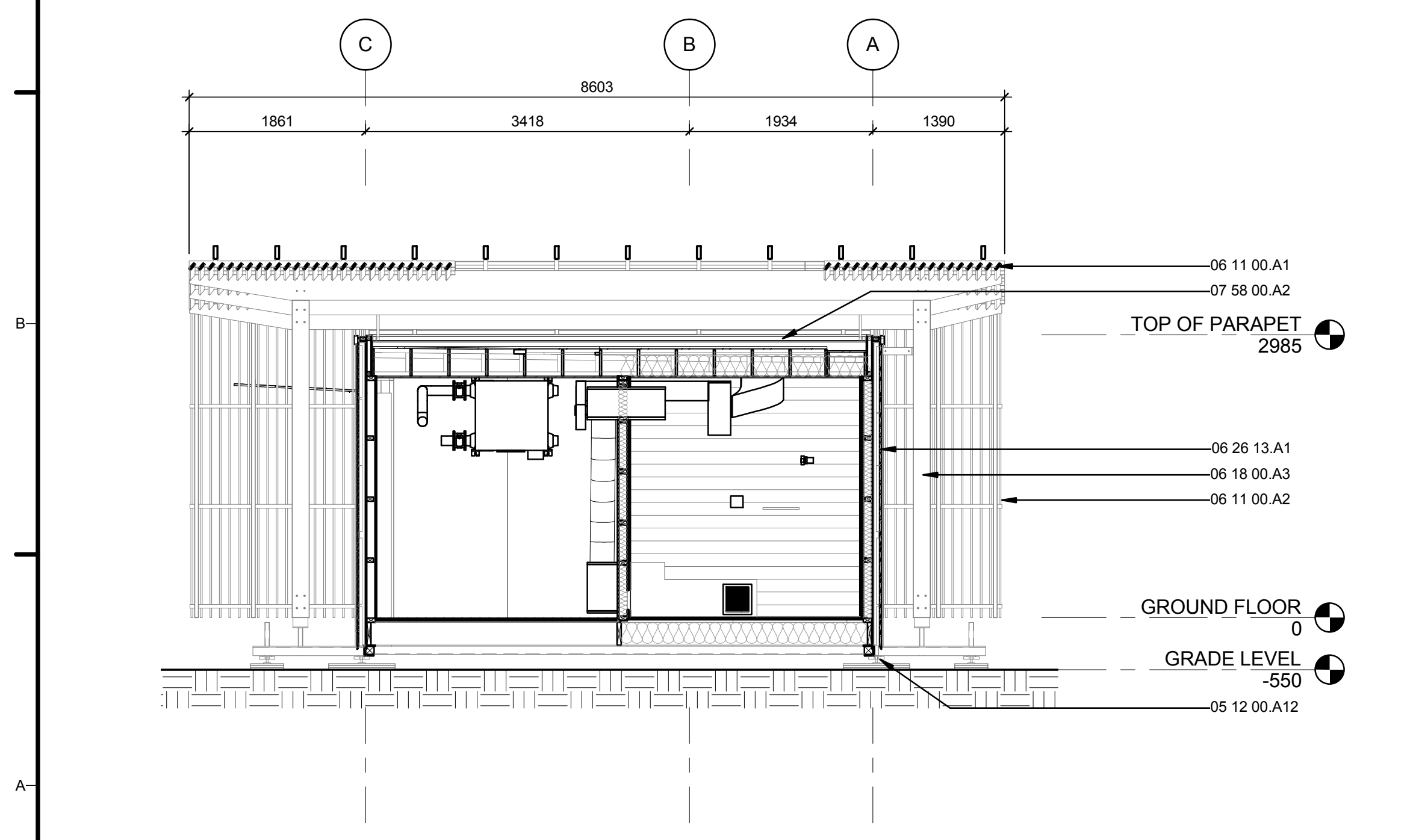
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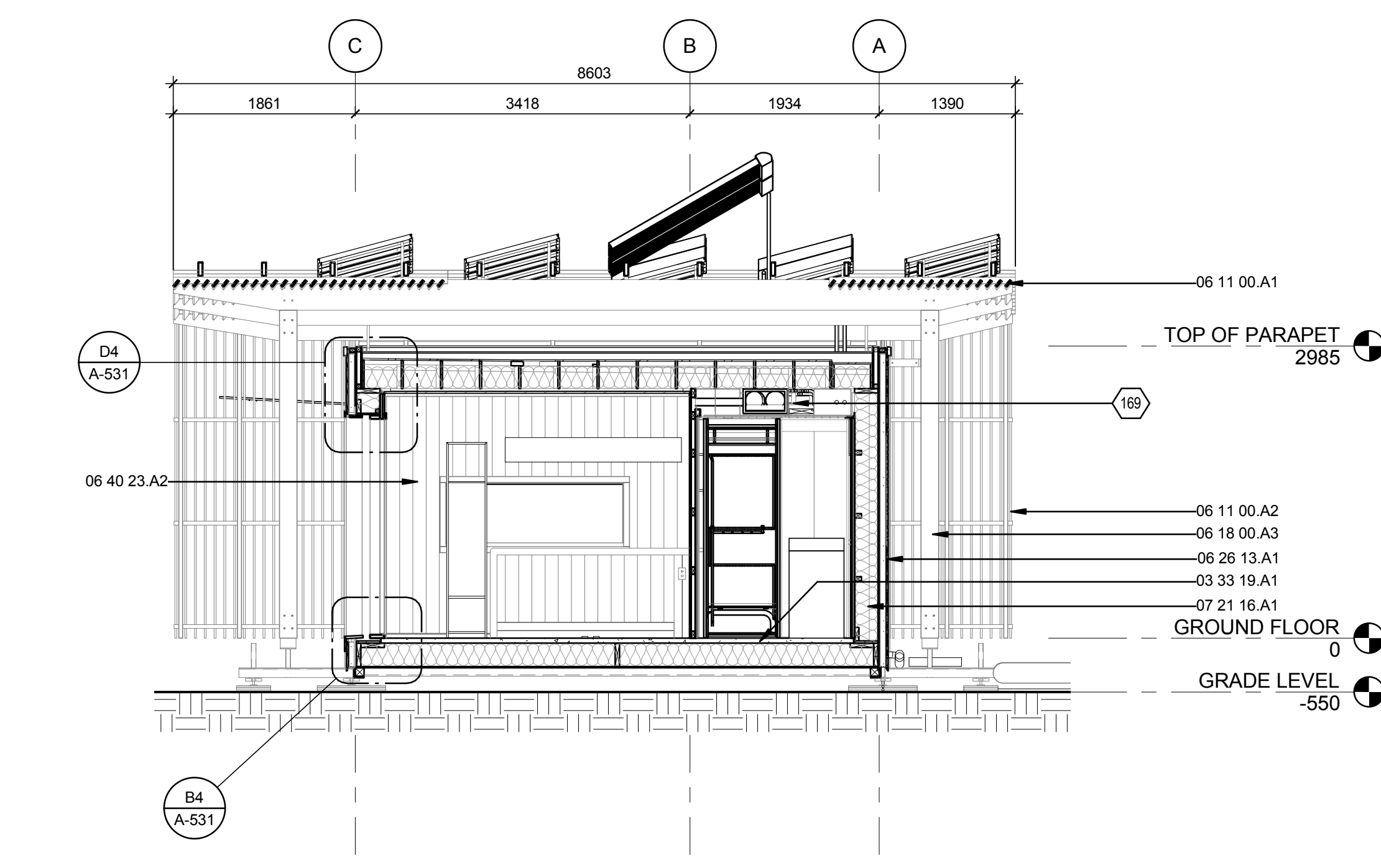
C1 TRANSVERSE BUILDING SECTION LIVING
1:48



C4 TRANSVERSE BUILDING SECTION SKYLIGHT
1:48



A1 TRANSVERSE BUILDING SECTION SHED
1:48



A4 TRANSVERSE BUILDING SECTION BEDROOM
1:48

GENERAL SHEET NOTES

1. LANDSCAPE NOT SHOWN FOR CLARITY

REFERENCE KEYNOTES

- 03 33 19 A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
- 05 12 00 A12 ADJUSTABLE STEEL SCAFFOLD SCREW WITH 700X700MM PLYWOOD FOOTING. MAXIMUM VERTICAL DEVIATION 463MM
- 06 11 00 A1 75X19MM CEDAR SLATS AT 100MM CENTRES FIXED TO 65X35MM BATTENS. CONSTRUCTED IN PANELISED SYSTEM FOR ONSITE ASSEMBLY.
- 06 11 00 A2 90 X 45MM TIMBER SUPPORT STUD
- 06 11 00 C1 240X45MM LVL TRIMMING JOIST
- 06 18 00 A1 318X90MM GLUE-LAMINATED TIMBER BEAM SPANNING BETWEEN COLUMNS, TAPERING TO 135X90 @ CANTILEVERED ENDS. REFER FABRICATION DRAWINGS.
- 06 18 00 A3 90X180MM GLULAM CL10 COLUMN. REFER FABRICATION DRAWINGS.
- 06 20 13 A1 65X19MM CEDAR SLATS @100MM CENTRES. PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY. FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
- 06 40 23 A2 135X19MM WHITEWASHED TONGUE & GROOVE PROFILE VERTICAL TIMBER BOARD ON 45X25 TIMBER BATTENS
- 07 21 16 A1 WOOL INSULATION BATTIS
- 07 41 13 A1 METALCRAFT PROFILED CORRUGATE ROOFING AT 3°. BOLT FIXED TO STEEL ANGLE
- 07 58 00 A2 ROOF MODULES GENERALLY SELECTED ROOFING MEMBRANE ON PLYWOOD SUBSTRATE AND CNC ROUTED JOISTS TO FALLS. SEE RELEVANT DETAIL.
- 08 80 00 A3 TRIPPLE GLAZED THREE PART CUSTOM SKYLIGHT STRUCTUALLY SEALED TO MS ANGLE FRAMES. 42MM, 3° FALL
- 12 21 00 A1 MOTORISED ROLLOUT THERMAL SKYLIGHT INSULATION UNDER SKYLIGHT.
- 22 14 13 A2 65X75MM RECTANGULAR FACTORY PAINTED STEEL DOWNPIPE CONCEALED IN WALL CAVITY
- 26 31 00 A1 225W MITSUBISHI PHOTOVOLTAIC COLLECTORS

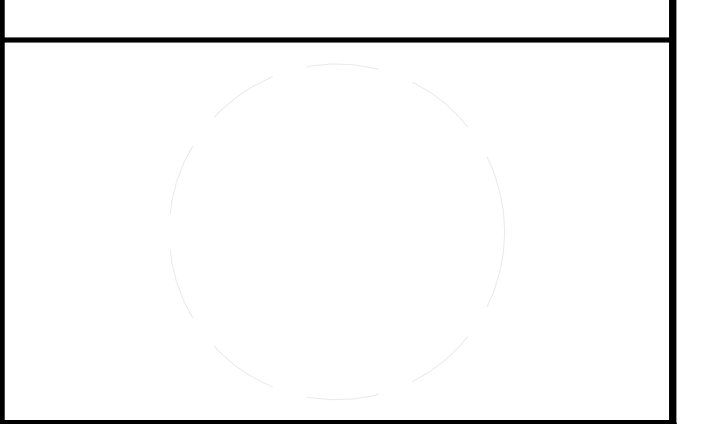
SHEET KEYNOTES

- 169 600X280MM OPENING IN TRANSVERSE SHEAR WALLS FOR DUCTING



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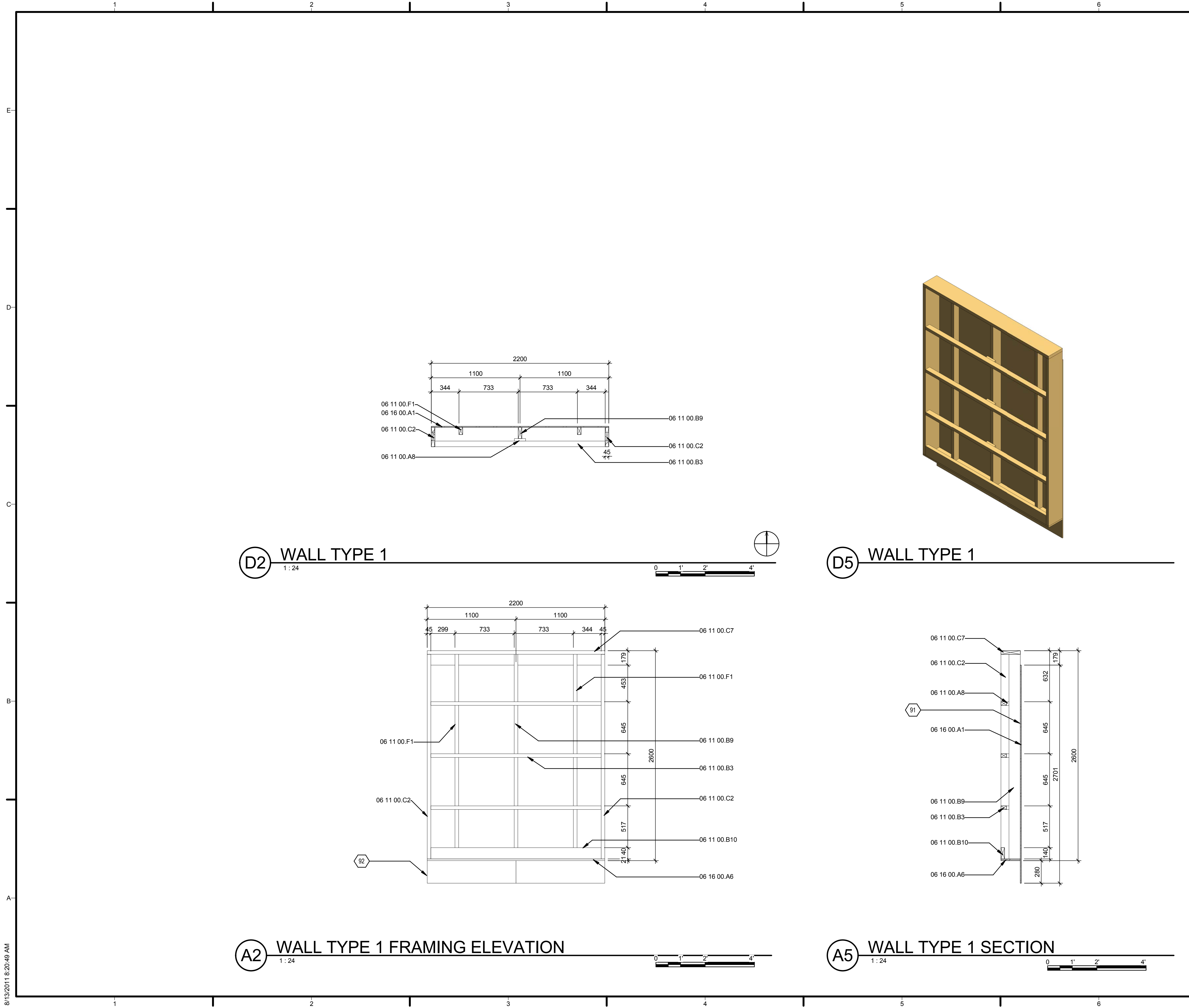
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SHEET TITLE
BUILDING SECTIONS

A-302



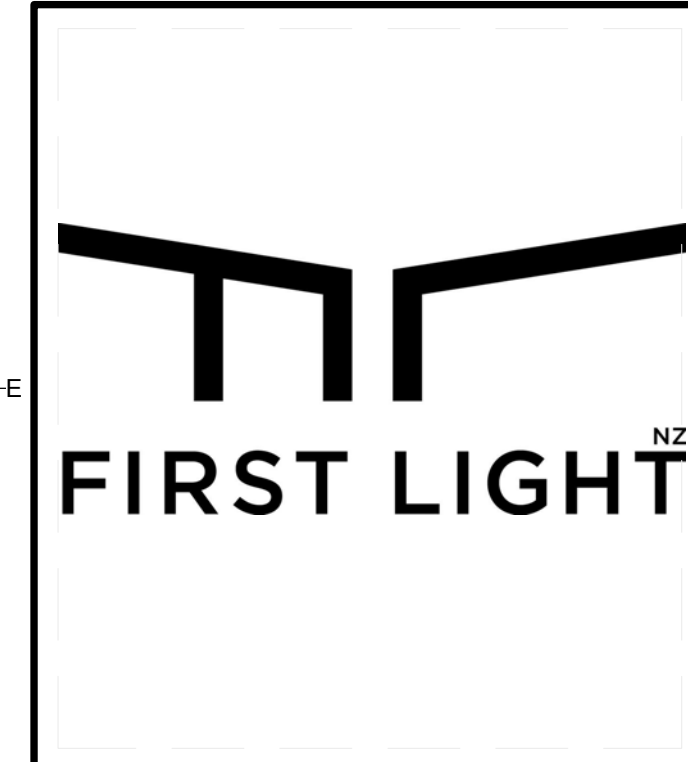
GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 11 00.A8	30X45MM TIMBER BLOCKING
06 11 00.B3	70X45MM HORIZONTAL TIMBER
06 11 00.B9	140X45MM TIMBER STUD
06 11 00.B10	140X45MM HORIZONTAL TIMBER
06 11 00.C2	240X45MM LVL WALL STUD
06 11 00.C7	240X45MM TIMBER TOP PLATE
06 11 00.F1	90X45MM TIMBER WALL STUD
06 16 00.A1	12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
06 16 00.A6	21MM PLYWOOD BOTTOM PLATE

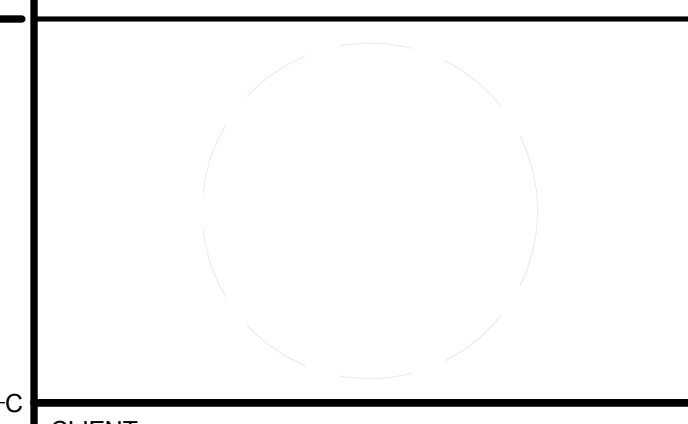
SHEET KEYNOTES

- 91 FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
- 92 PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY

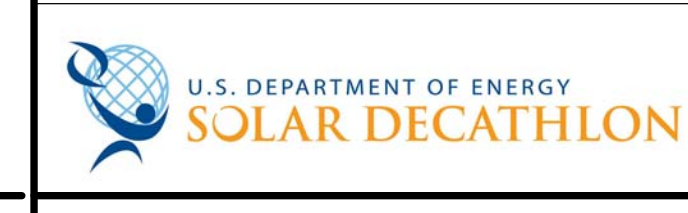


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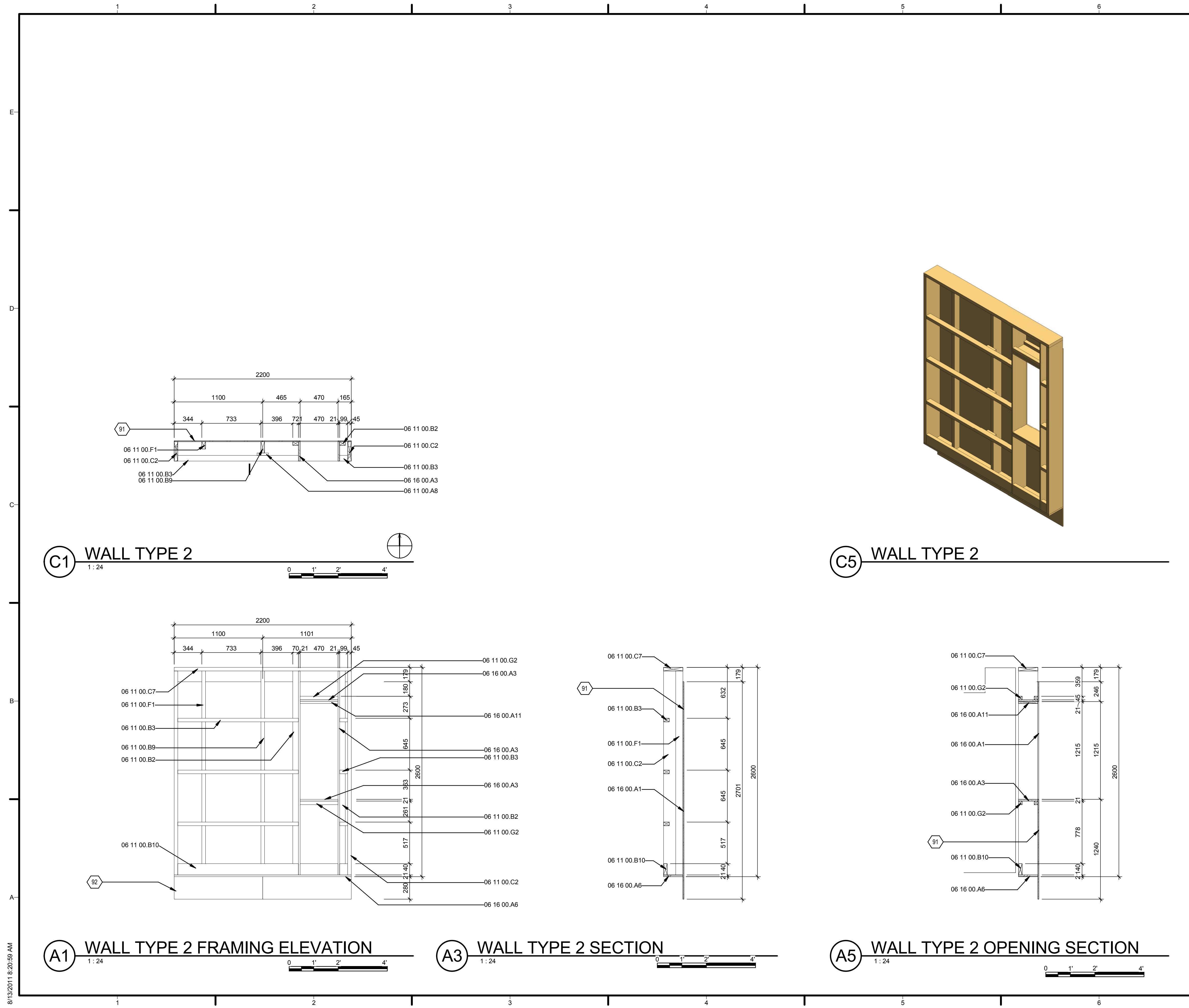
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SHEET TITLE
WALL TYPE 1

A-411

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 11 00.A8	30X45MM TIMBER BLOCKING
06 11 00.B2	70X45MM TIMBER STUD
06 11 00.B3	70X45MM HORIZONTAL TIMBER
06 11 00.B9	140X45MM TIMBER STUD
06 11 00.B10	140X45MM HORIZONTAL TIMBER
06 11 00.C2	240X45MM LVL WALL STUD
06 11 00.C7	240X45MM TIMBER TOP PLATE
06 11 00.F1	90X45MM TIMBER WALL STUD
06 11 00.G2	45X45MM BLOCKING TIMBER
06 16 00.A1	12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
06 16 00.A3	21MM PLYWOOD
06 16 00.A6	21MM PLYWOOD BOTTOM PLATE
06 16 00.A11	12MM PLYWOOD LINING, TREATED AND PAINTED

SHEET KEYNOTES

91	FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
92	PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY

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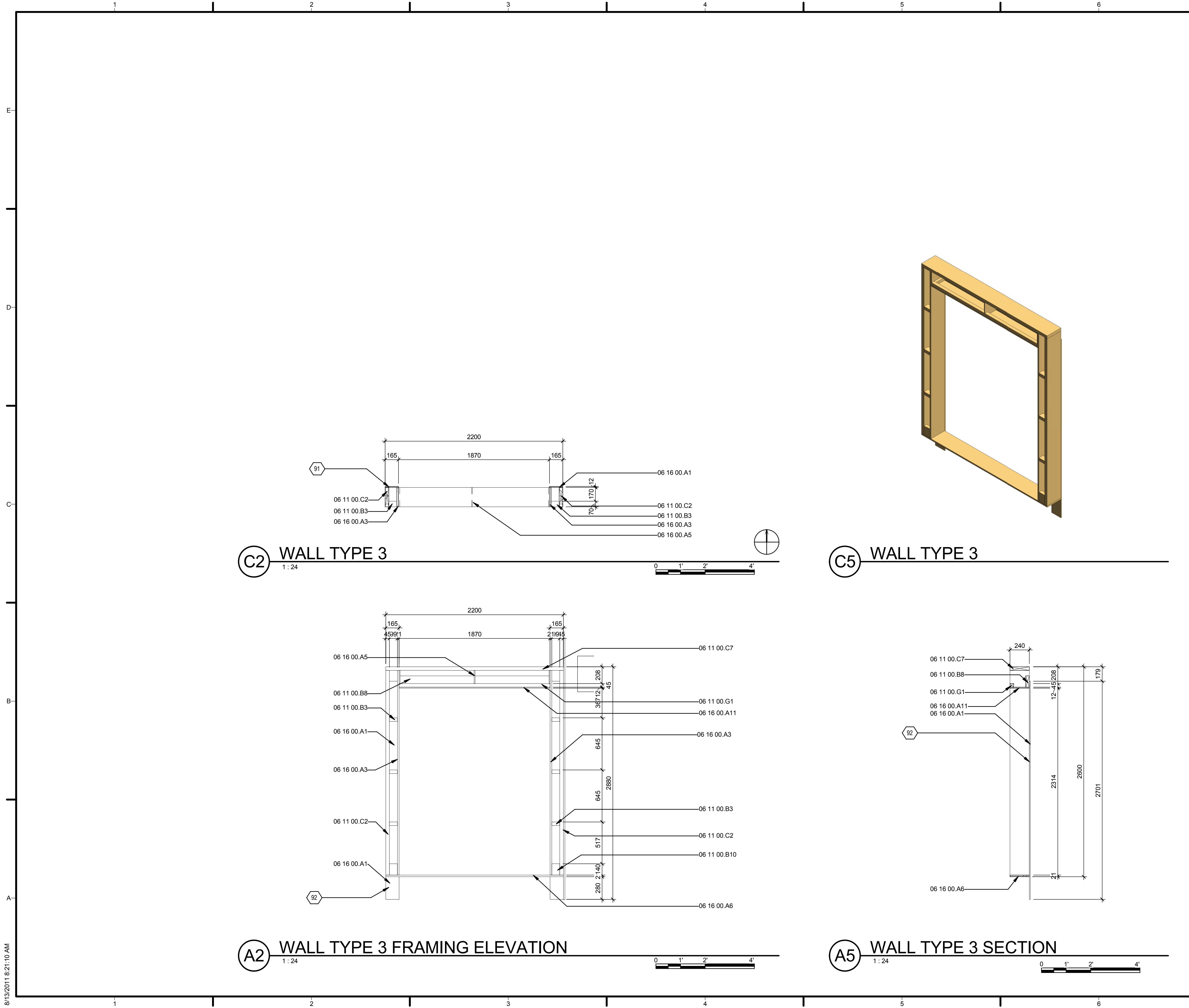
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SHEET TITLE

WALL TYPE 2

A-412

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 11 00.B3	70X45MM HORIZONTAL TIMBER
06 11 00.B8	140X45MM TIMBER AND PLYWOOD FORMING BOX BEAM LINTEL
06 11 00.B10	140X45MM HORIZONTAL TIMBER
06 11 00.C2	240X45MM LVL WALL STUD
06 11 00.C7	240X45MM TIMBER TOP PLATE
06 11 00.G1	45X45MM HORIZONTAL TIMBER
06 16 00.A1	12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
06 16 00.A3	21MM PLYWOOD
06 16 00.A5	12MM PLYWOOD GUSSET @ MID SPAN AND ENDS (SHOWN ABOVE)
06 16 00.A6	21MM PLYWOOD BOTTOM PLATE
06 16 00.A11	12MM PLYWOOD LINING, TREATED AND PAINTED
06 26 40.A1	83X12MM TOUNGE AND GROOVE RIMU BOARDS NAIL FIXED THROUGH TOUNGE TO METAL BATTEN

SHEET KEYNOTES

91	FIX WITH 2.8MM Ø X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
92	PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY

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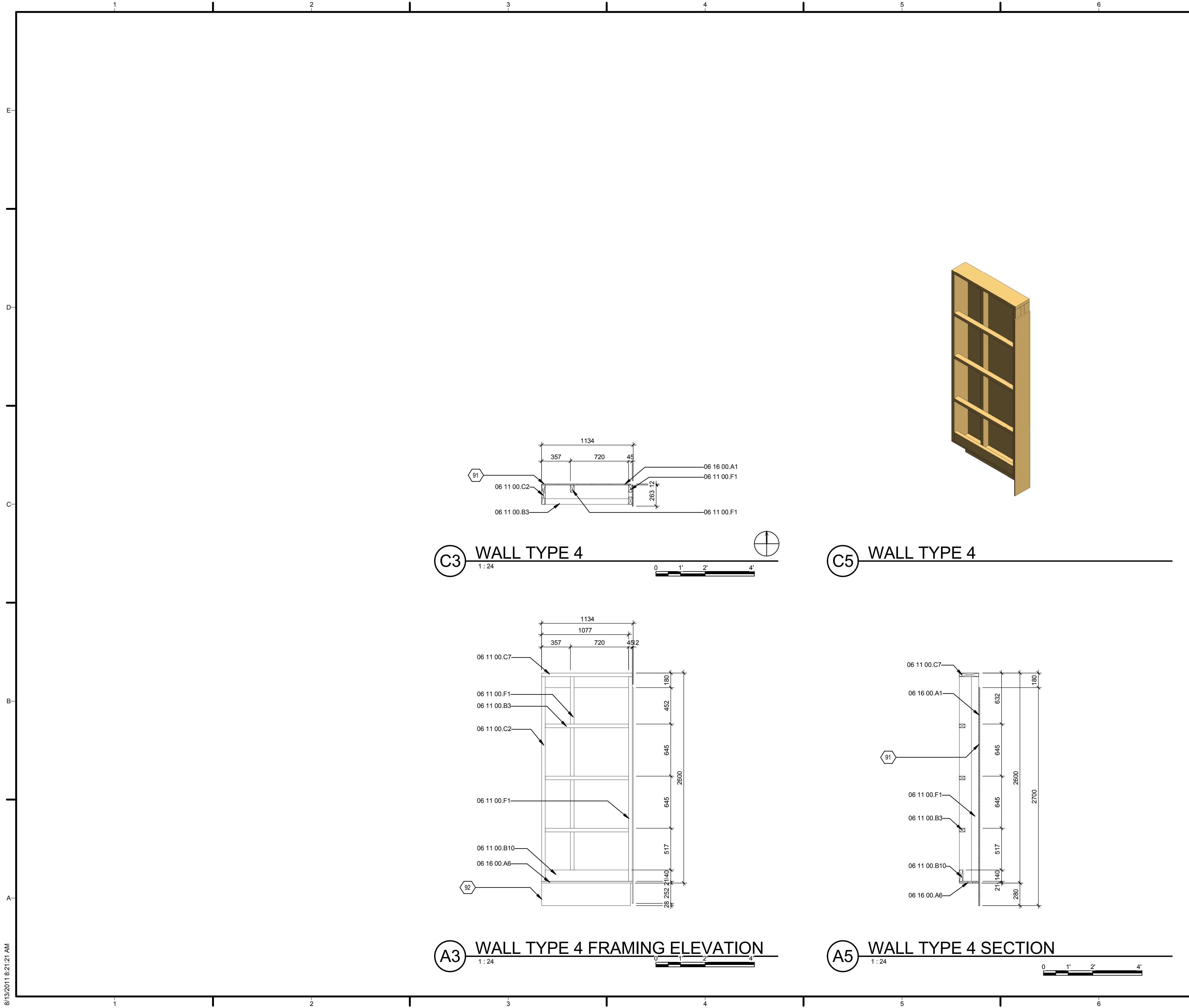
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WALL TYPE 3

A-413

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 11 00.B3 70X45MM HORIZONTAL TIMBER
- 06 11 00.B10 140X45MM HORIZONTAL TIMBER
- 06 11 00.C2 240X45MM LVL WALL STUD
- 06 11 00.C7 240X45MM TIMBER TOP PLATE
- 06 11 00.F1 90X45MM TIMBER WALL STUD
- 06 16 00.A1 12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
- 06 16 00.A6 21MM PLYWOOD BOTTOM PLATE

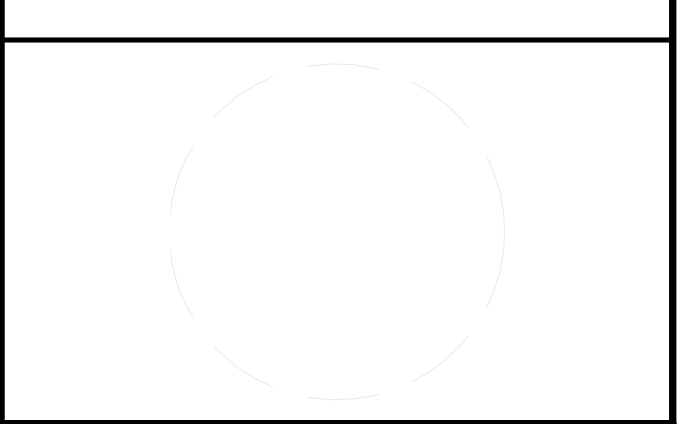
SHEET KEYNOTES

- 91 FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
- 92 PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY



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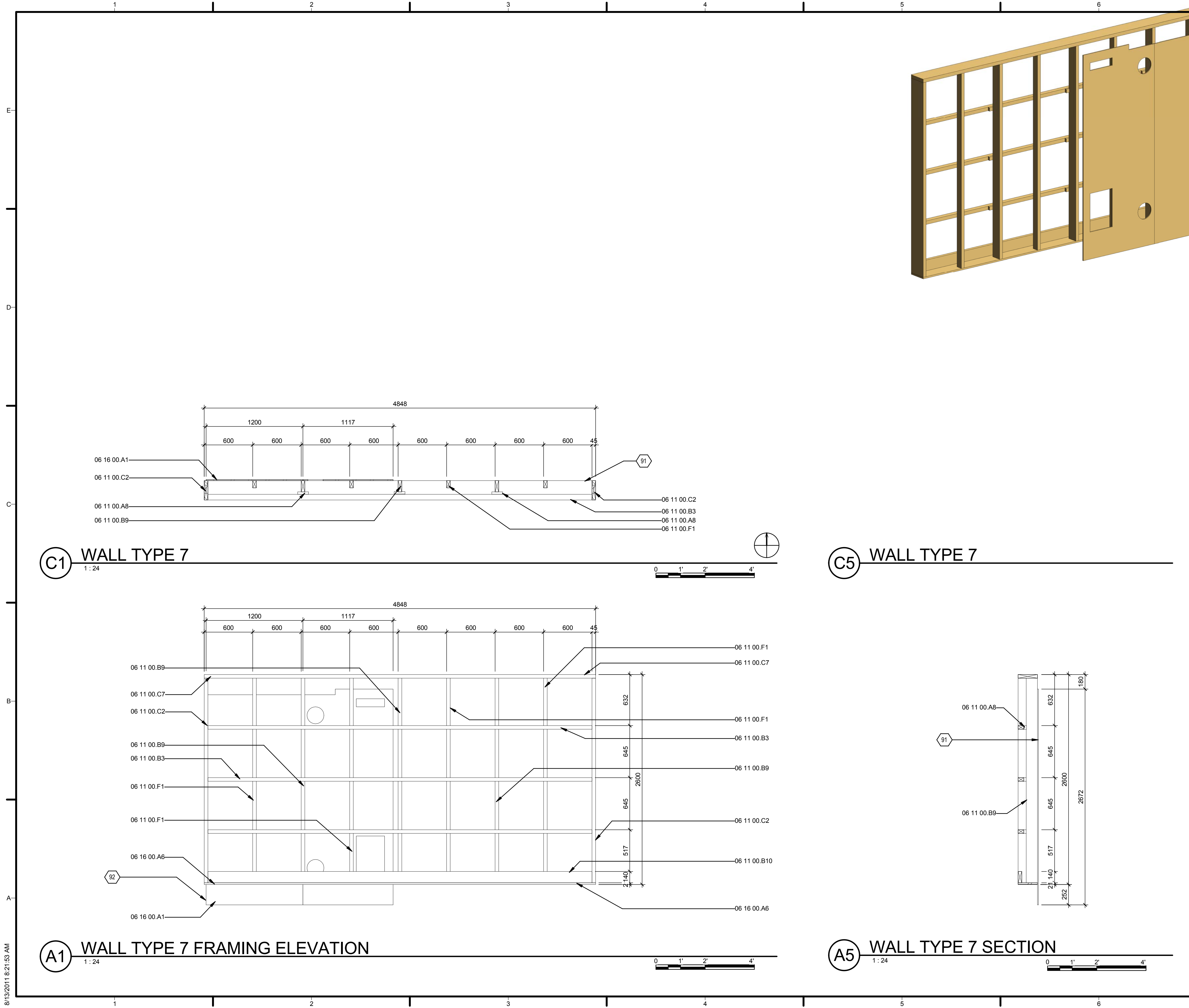
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SHEET TITLE

WALL TYPE 4



A-414



GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 11 00.A8	30X45MM TIMBER BLOCKING
06 11 00.B3	70X45MM HORIZONTAL TIMBER
06 11 00.B9	140X45MM TIMBER STUD
06 11 00.B10	140X45MM HORIZONTAL TIMBER
06 11 00.C2	240X45MM LVL WALL STUD
06 11 00.C7	240X45MM TIMBER TOP PLATE
06 11 00.F1	90X45MM TIMBER WALL STUD
06 16 00.A1	12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
06 16 00.A6	21MM PLYWOOD BOTTOM PLATE

SHEET KEYNOTES

91	FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
92	PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY

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SHEET TITLE
WALL TYPE 7

A-419

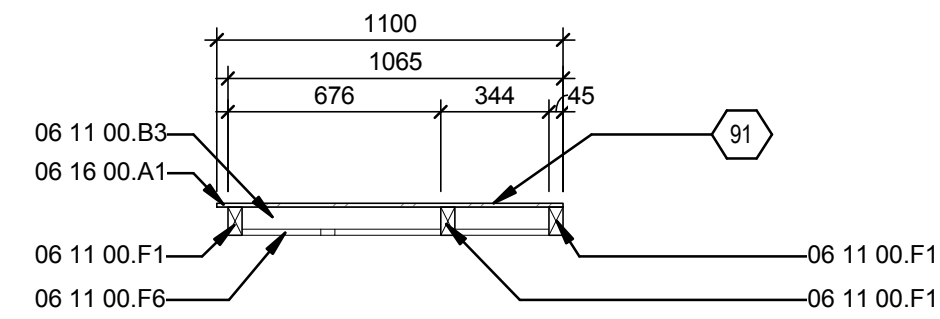
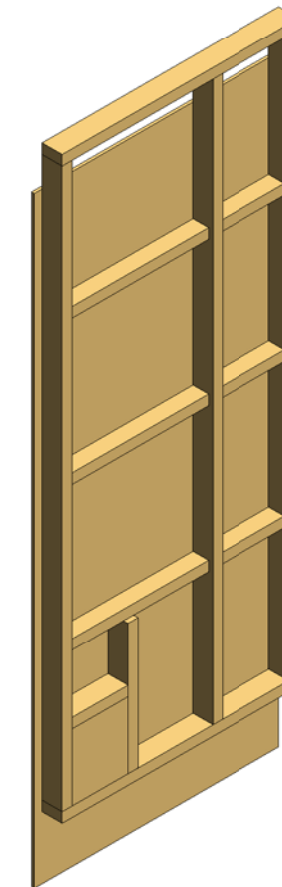
GENERAL SHEET NOTES

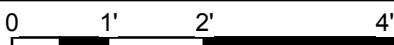
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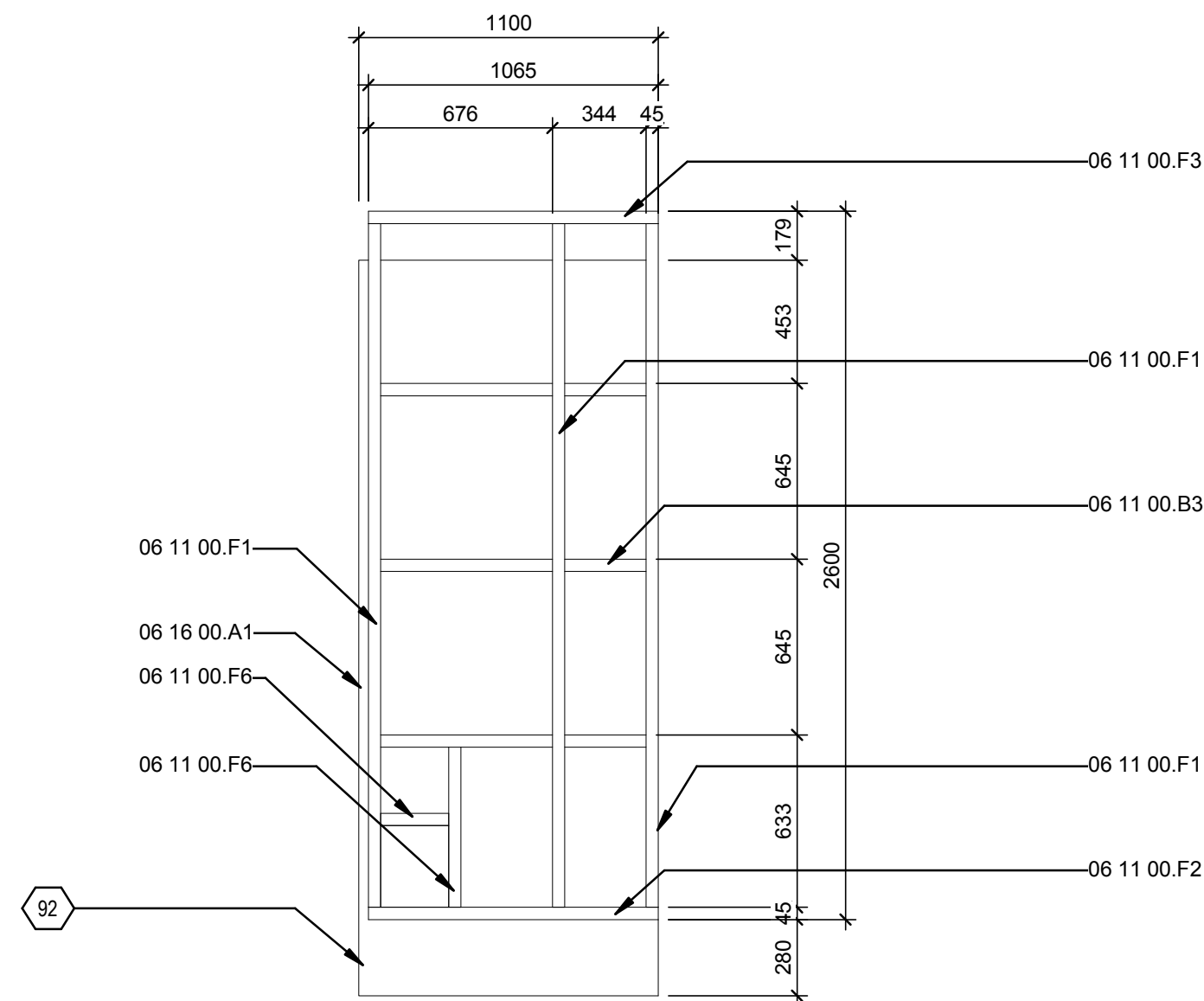
- 06 11 00.B3 70X45MM HORIZONTAL TIMBER
- 06 11 00.F1 90X45MM TIMBER WALL STUD
- 06 11 00.F2 90X45MM TIMBER BOTTOM PLATE
- 06 11 00.F3 90X45MM TIMBER TOP PLATE
- 06 11 00.F6 90X45MM TIMBER BLOCKING
- 06 16 00.A1 12MM PLYWOOD BRACING SHEETS LAID VERTICALLY

SHEET KEYNOTES


- 91 FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
- 92 PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY

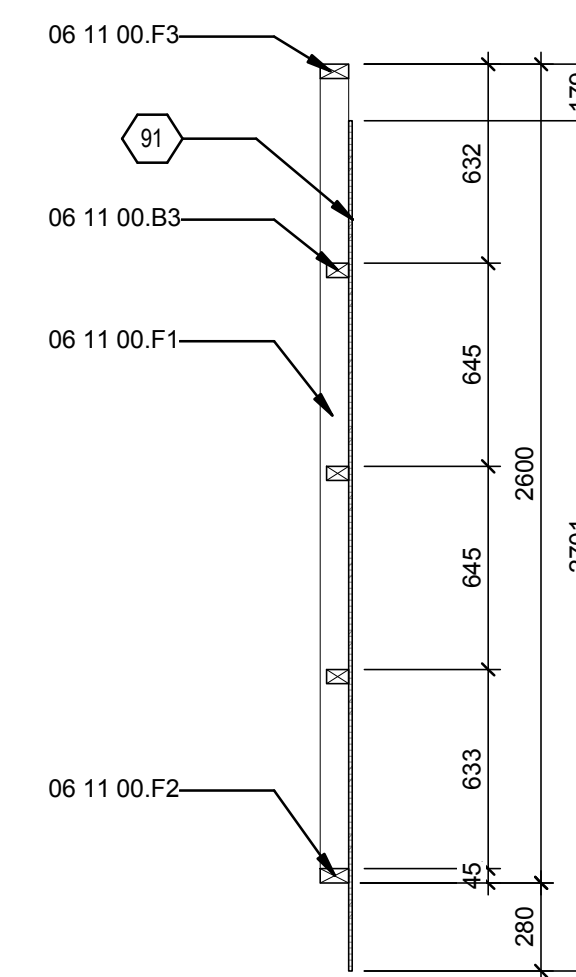


C3 WALL TYPE 8
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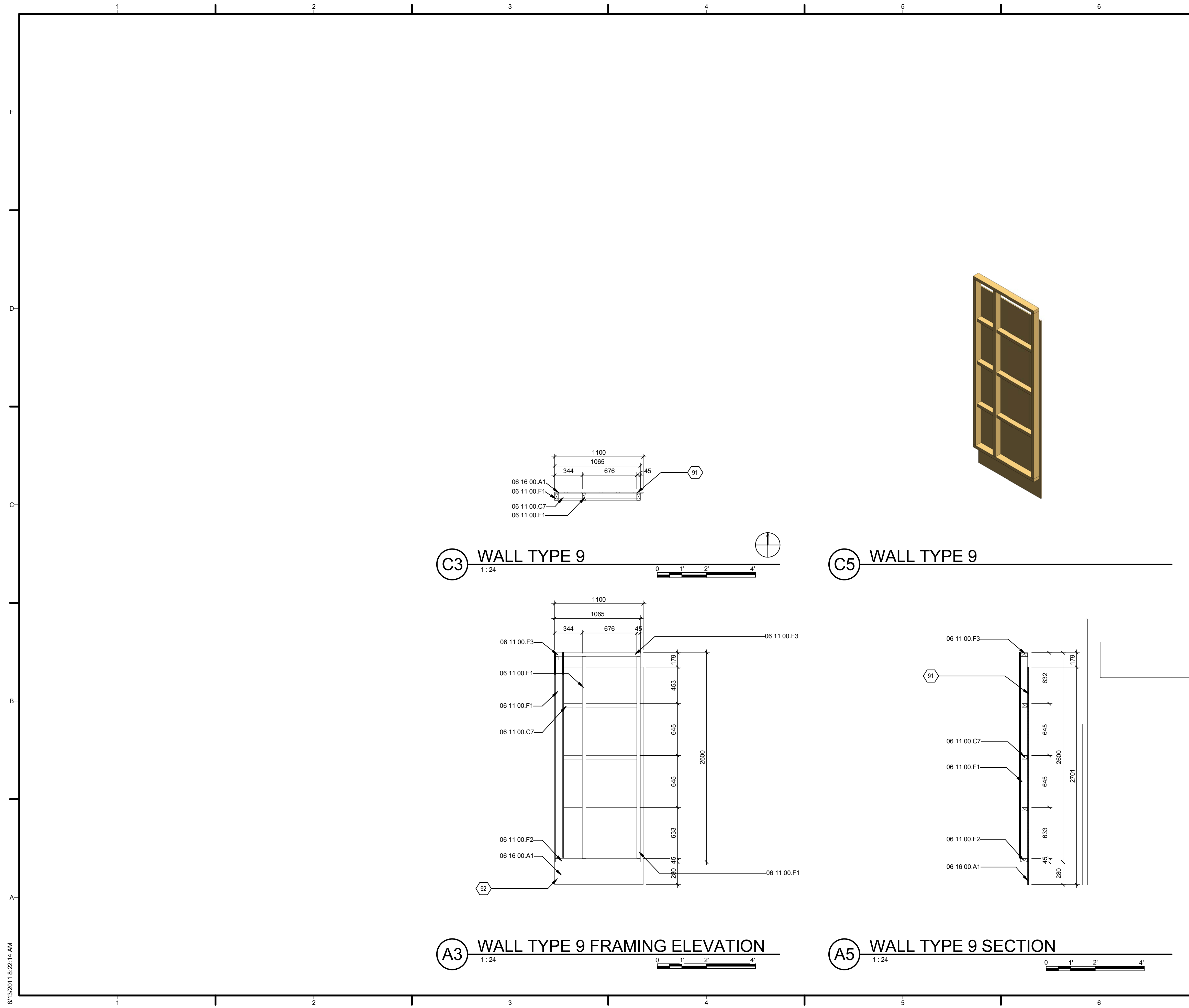


A3 WALL TYPE 8 FRAMING ELEVATION
 1:24


C5 WALL TYPE 8
 1:24




A5 WALL TYPE 8 SECTION
 1:24

GENERAL SHEET NOTES

REFERENCE KEYNOTES

06 11 00.C7	240X45MM TIMBER TOP PLATE
06 11 00.F1	90X45MM TIMBER WALL STUD
06 11 00.F2	90X45MM TIMBER BOTTOM PLATE
06 11 00.F3	90X45MM TIMBER TOP PLATE
06 16 00.A1	12MM PLYWOOD BRACING SHEETS LAID VERTICALLY

SHEET KEYNOTES

91	FIX WITH 2.8MMØ X50 FLAT HEAD NAILS @150MM CTRS TO SHEET EDGES, 300MMCRS INTERNALLY
92	PLYWOOD SHEETS SHOWN BEYOND. FIX WITH 2.8Ø X50 FLAT HEAD NAILS @150CRS TO SHEET EDGES, 300CRS INTERNALLY



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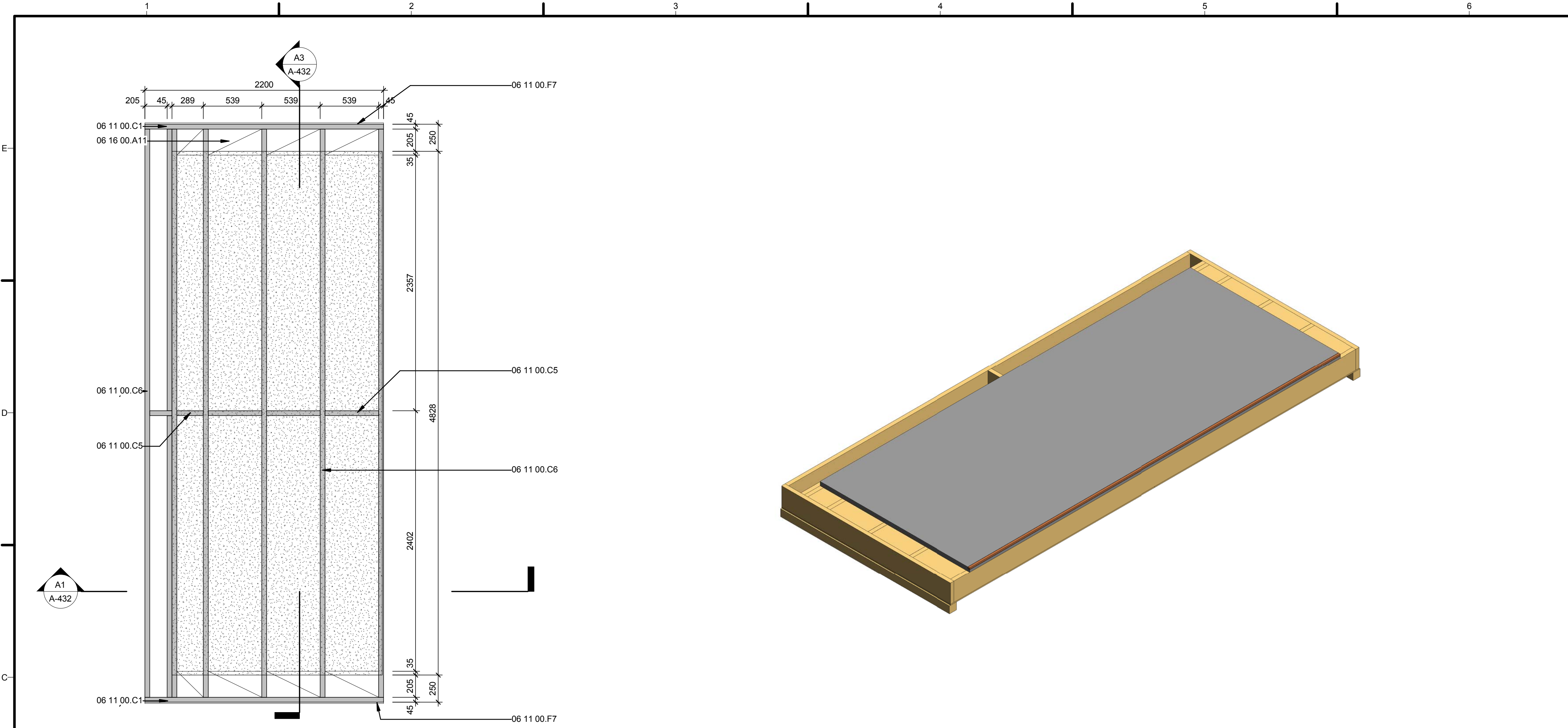


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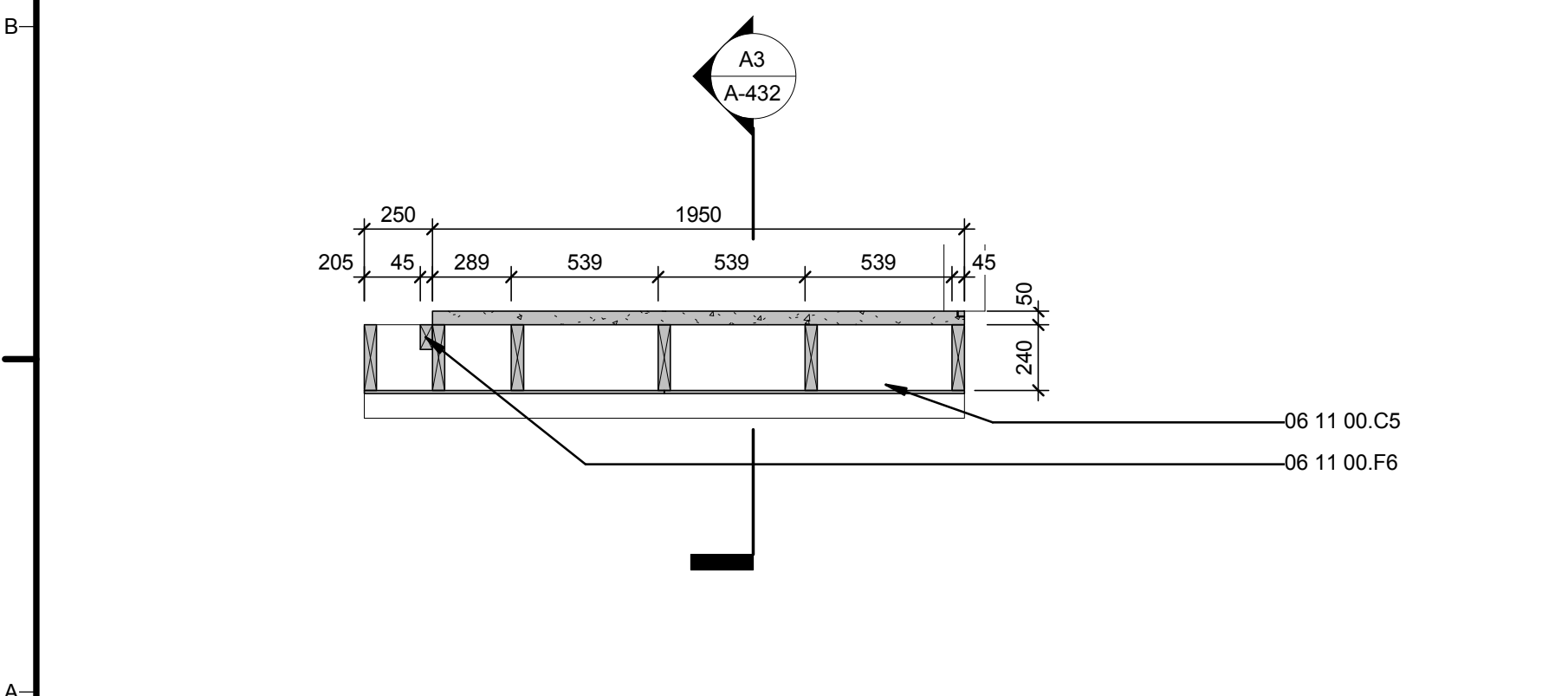
SHEET TITLE
WALL TYPE 9

A-421

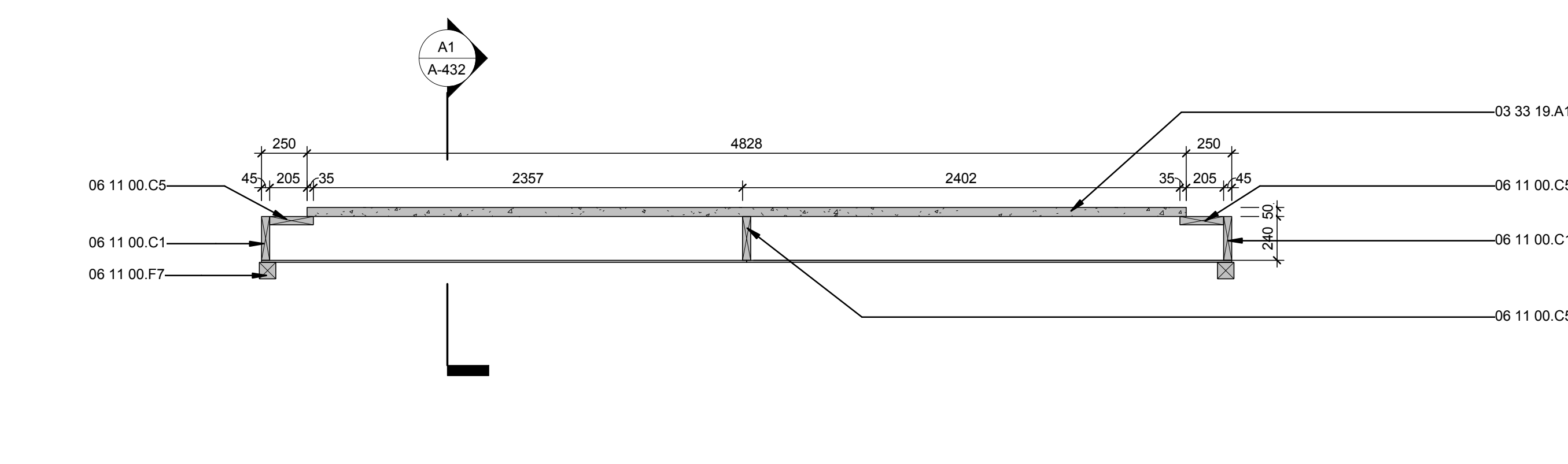


C1 FLOOR TYPE 1 - PLAN
1:24

C3 FLOOR TYPE 1



A1 FLOOR TYPE 1 - TRANSVERSE SECTION
1:24



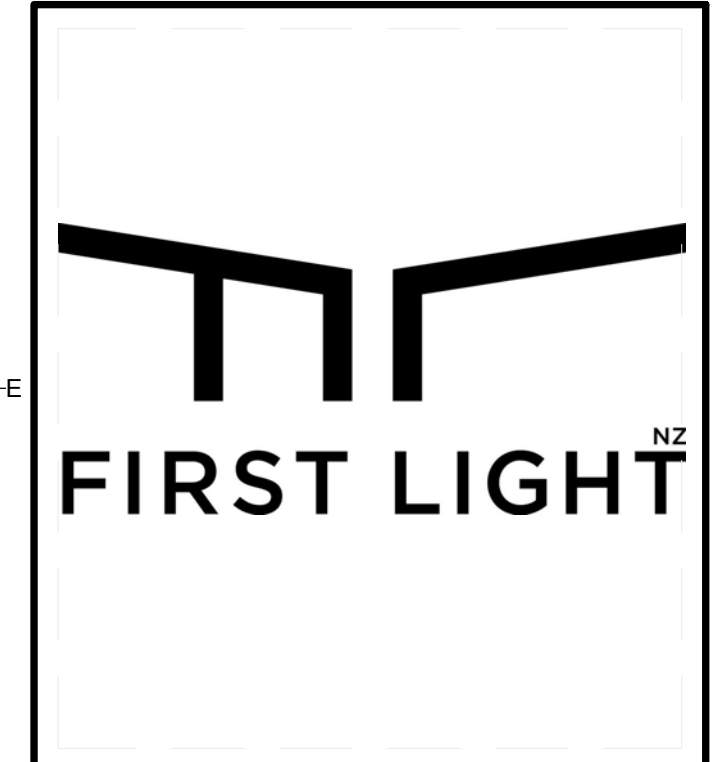
A3 FLOOR TYPE 1 - LONGITUDINAL SECTION
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GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 03 33 19.A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE CONCRETE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
- 06 11 00.C1 240X45MM LVL TRIMMING JOIST
- 06 11 00.C5 240X45MM TIMBER BLOCKING
- 06 11 00.C6 240X45MM LVL FLOOR JOIST
- 06 11 00.F6 90X45MM TIMBER BLOCKING
- 06 11 00.F7 90X90MM TIMBER EDGE BLOCK, NOTCHED AROUND PLYWOOD
- 06 16 00.A11 12MM PLYWOOD LINING, TREATED AND PAINTED

SHEET KEYNOTES



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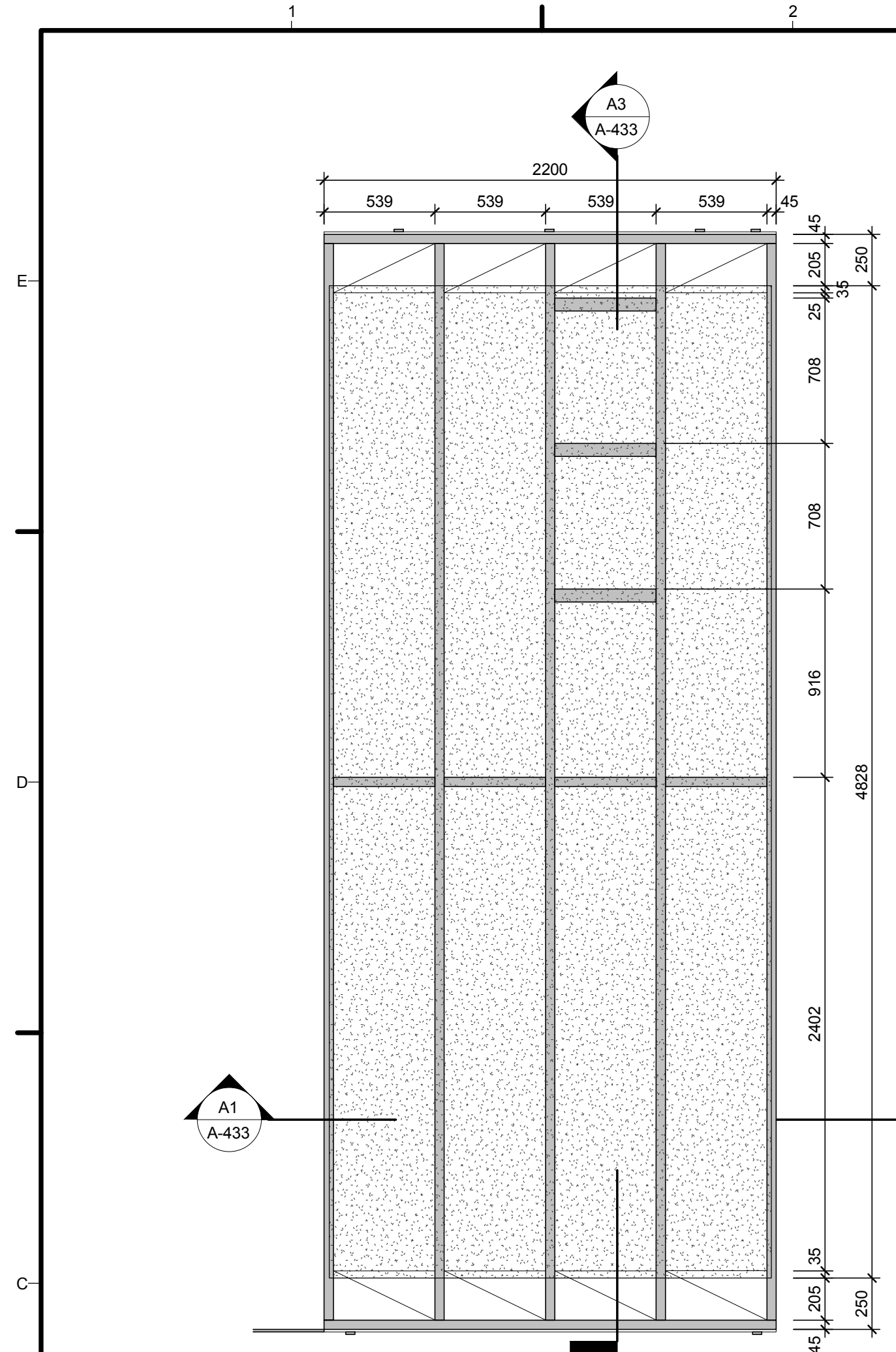
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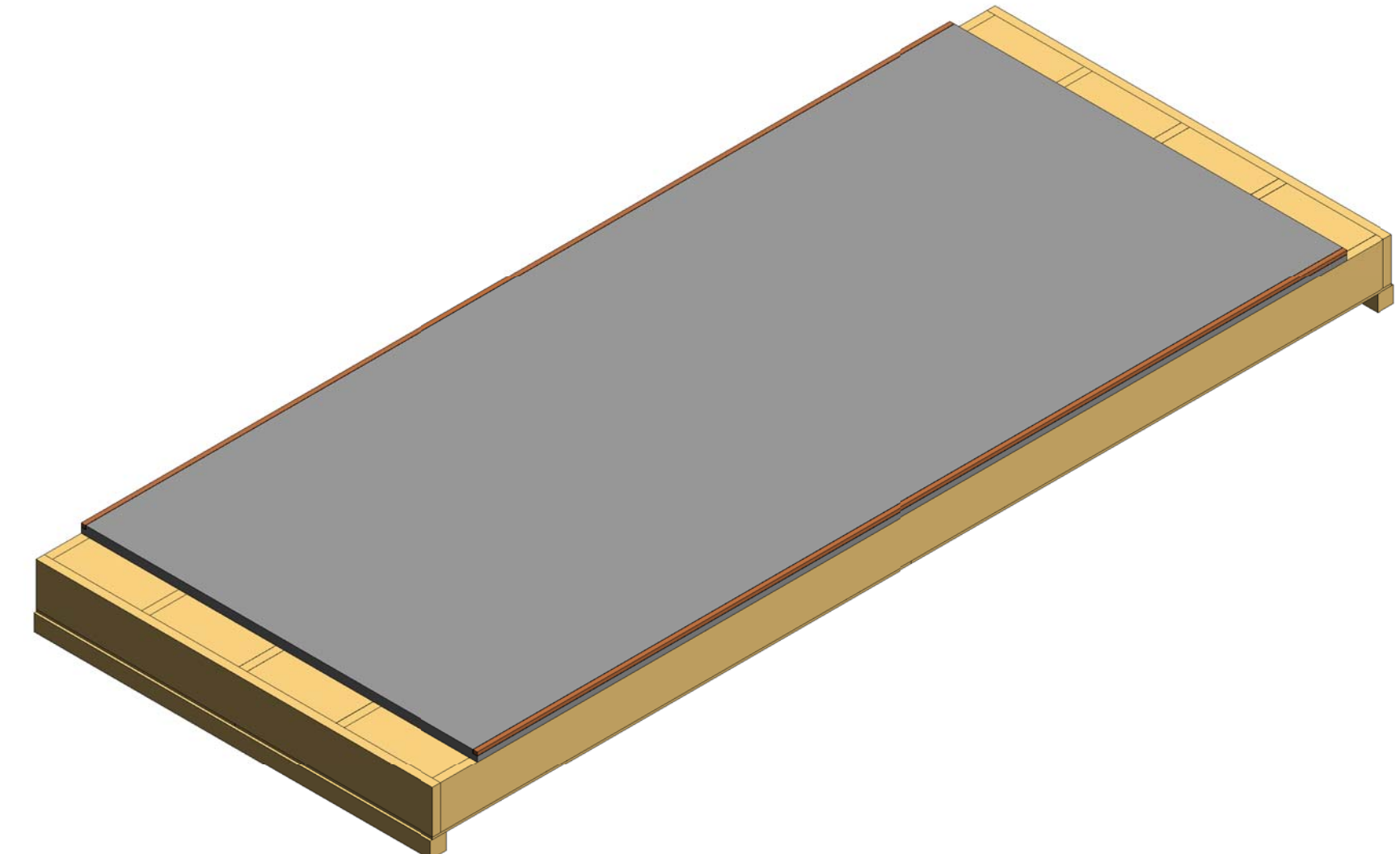
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A-432

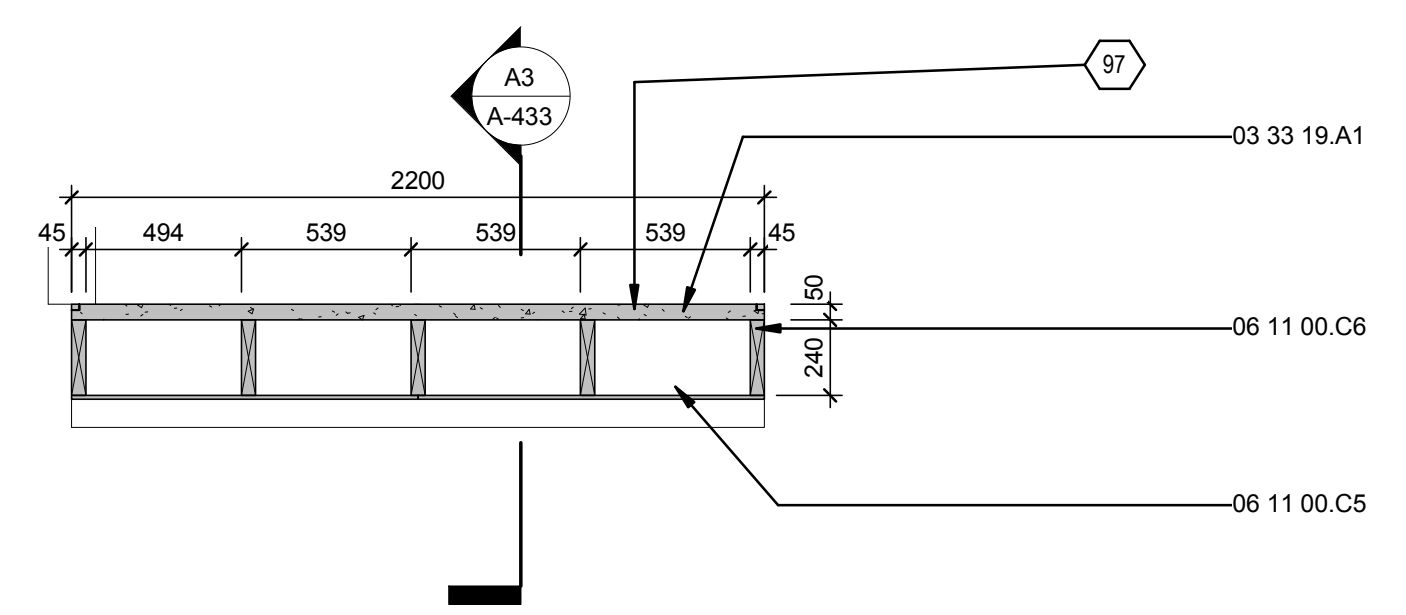
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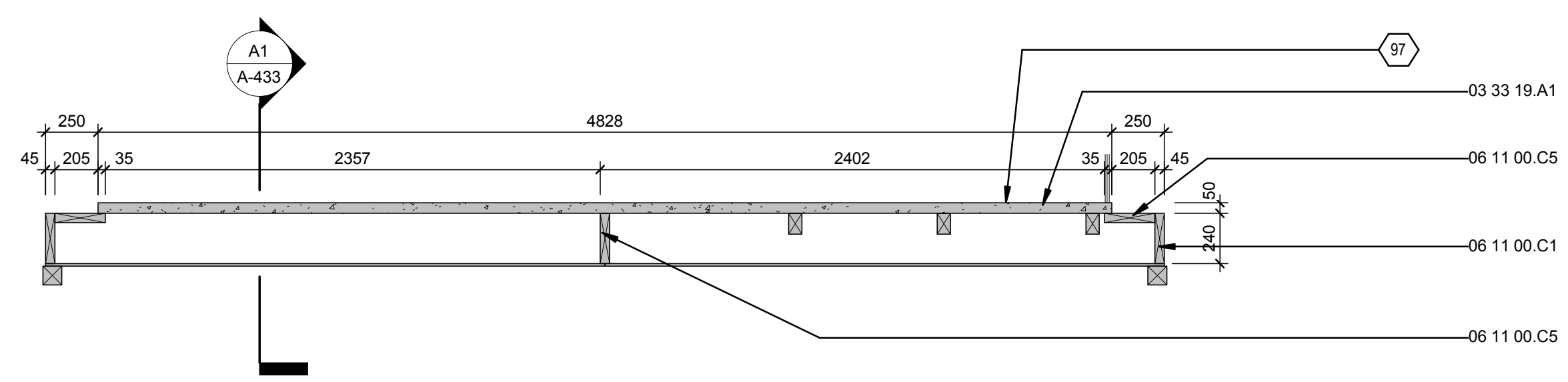
C1 FLOOR TYPE 2 - PLAN
1:24



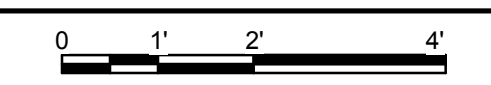
C2 FLOOR TYPE 2



A1 FLOOR TYPE 2 - TRANSVERSE SECTION
1:24



A3 FLOOR TYPE 2 - LONGITUDINAL SECTION
1:24



GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 03 33 19.A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE CONCRETE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
- 06 11 00.C1 240X45MM LVL TRIMMING JOIST
- 06 11 00.C5 240X45MM TIMBER BLOCKING
- 06 11 00.C6 240X45MM LVL FLOOR JOIST

SHEET KEYNOTES

- 97 FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS



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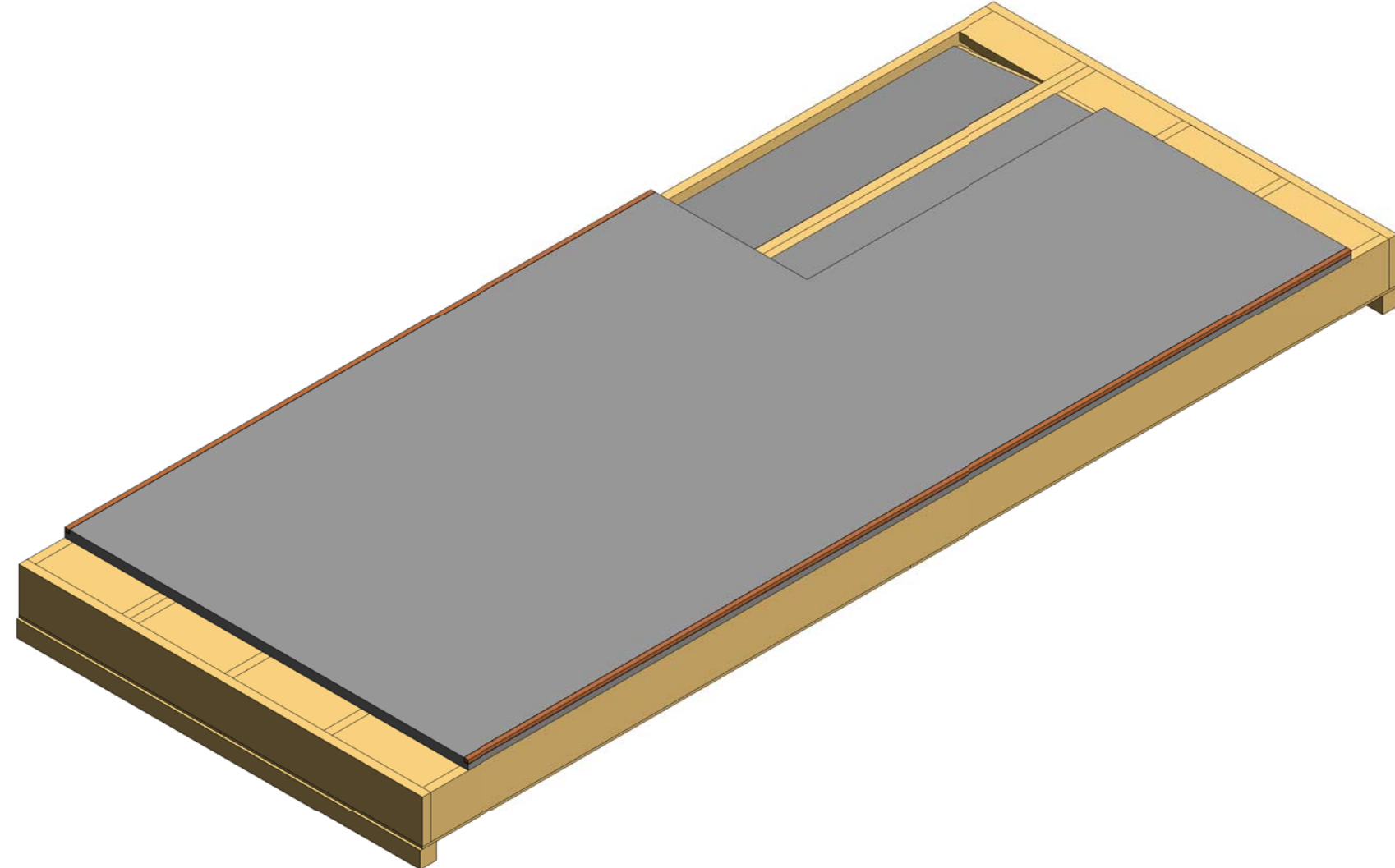
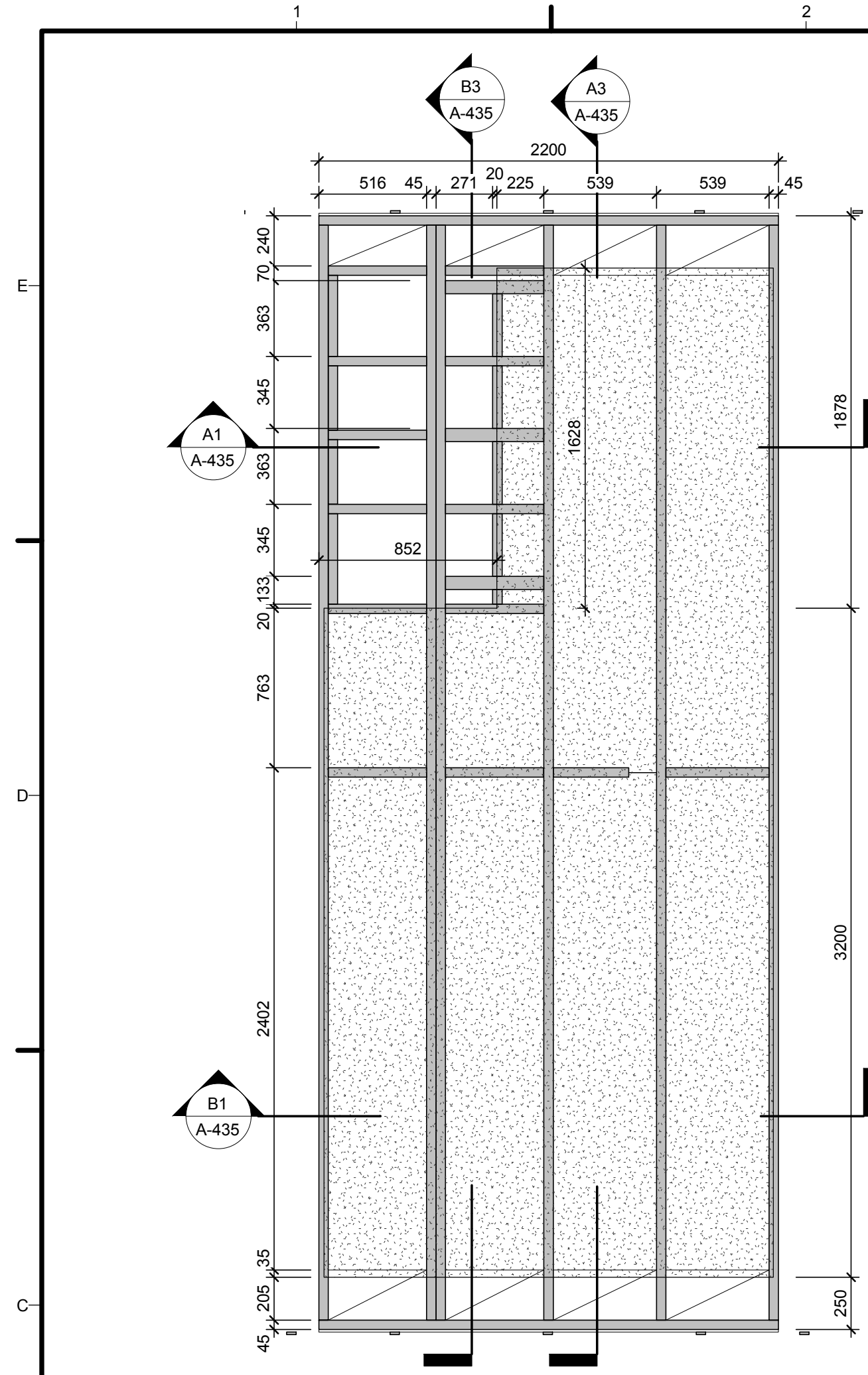
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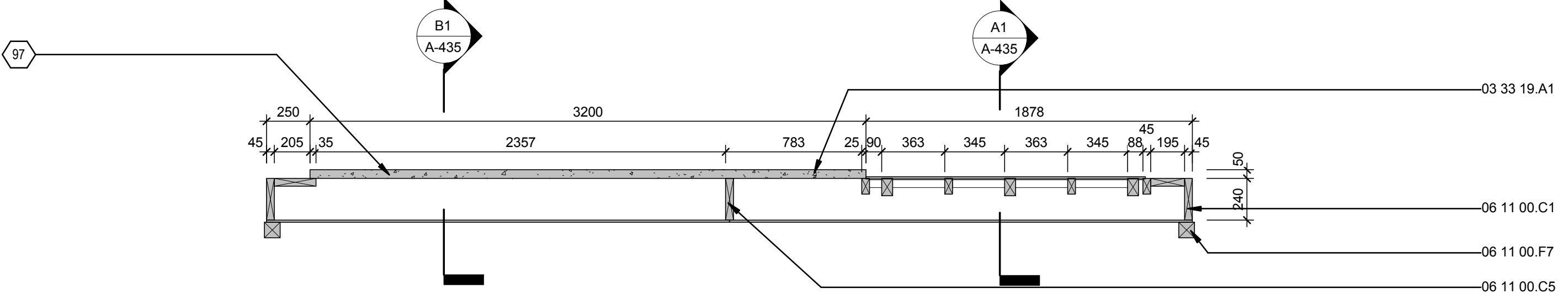
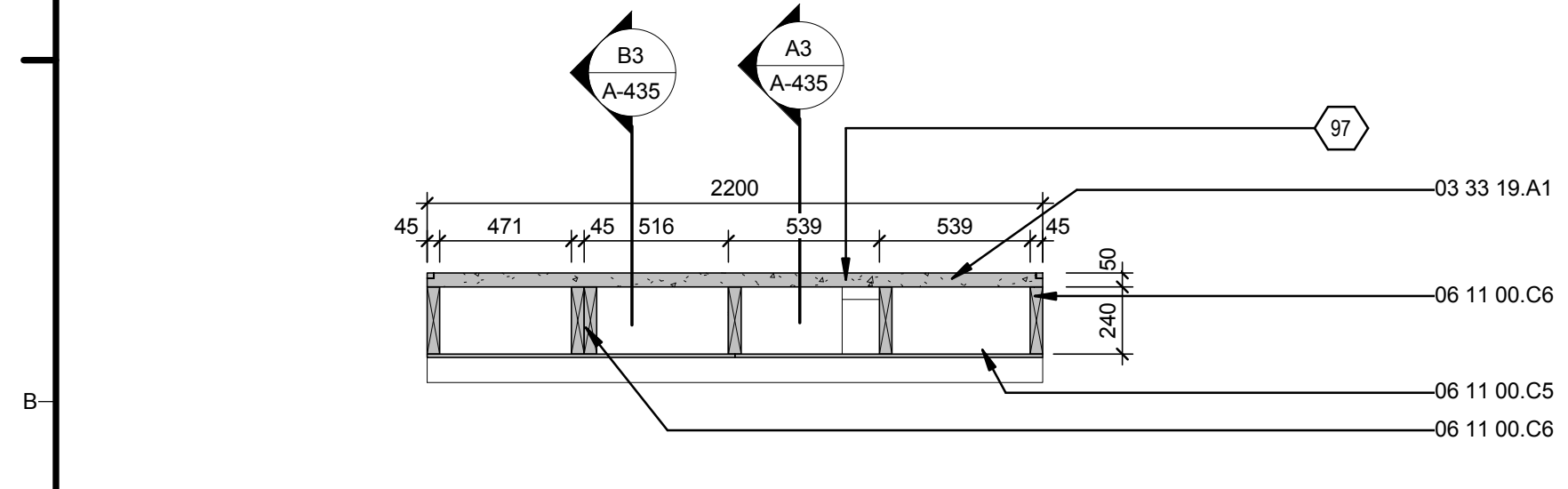
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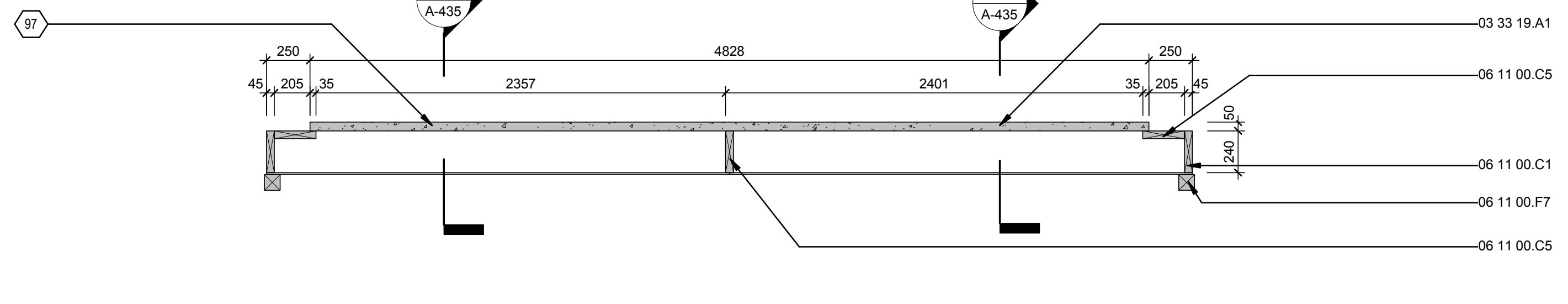
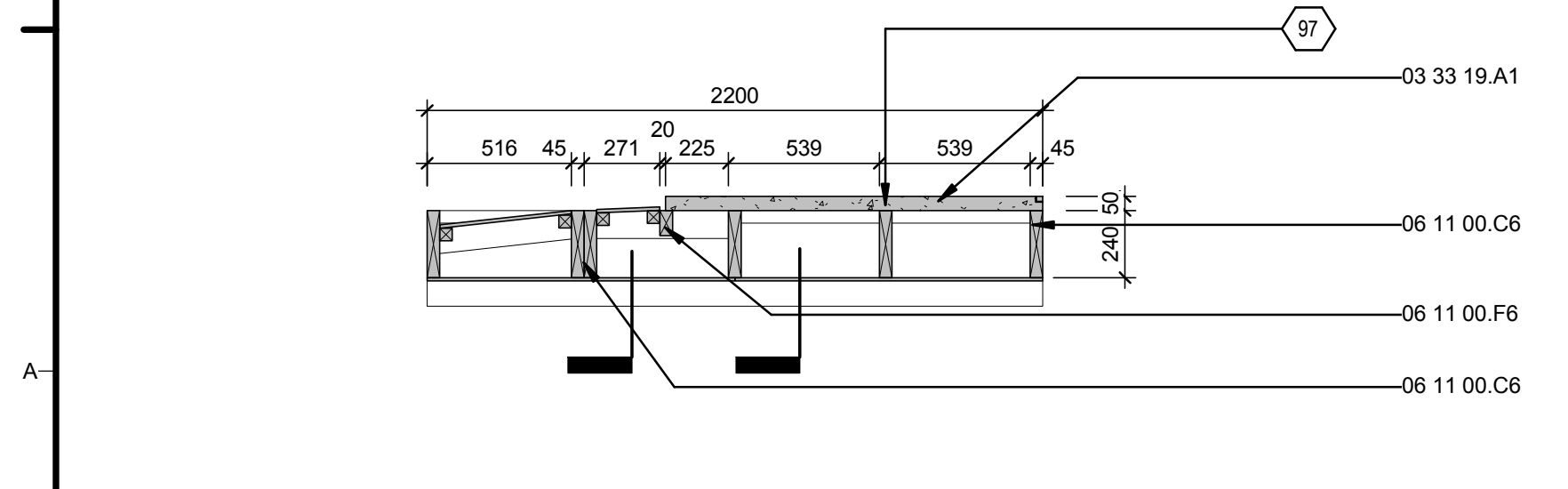
C1 FLOOR TYPE 5 - PLAN
1:24

C3 FLOOR TYPE 5



B1 FLOOR TYPE 5 - TRANSVERSE SECTION 1
1:24

B3 FLOOR TYPE 5 - LONGITUDINAL SECTION 1
1:24



A1 FLOOR TYPE 5 - TRANSVERSE SECTION 2
1:24

A3 FLOOR TYPE 5 - LONGITUDINAL SECTION 2
1:24

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 03 33 19.A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE CONCRETE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
- 06 11 00.C1 240X45MM LVL TRIMMING JOIST
- 06 11 00.C5 240X45MM TIMBER BLOCKING
- 06 11 00.C6 240X45MM LVL FLOOR JOIST
- 06 11 00.F6 90X45MM TIMBER BLOCKING
- 06 11 00.F7 90X90MM TIMBER EDGE BLOCK, NOTCHED AROUND PLYWOOD

SHEET KEYNOTES

- 97 FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS



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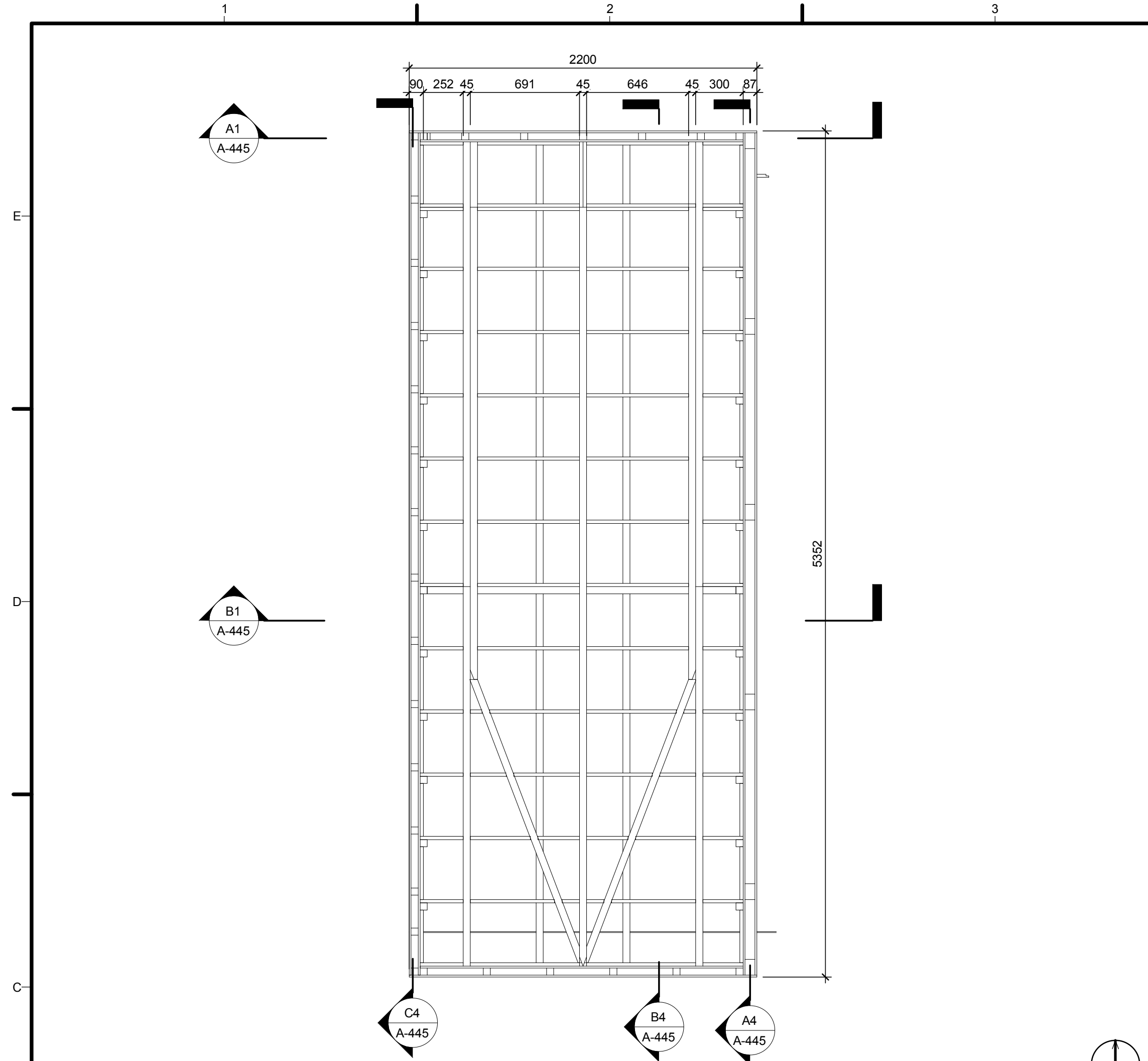


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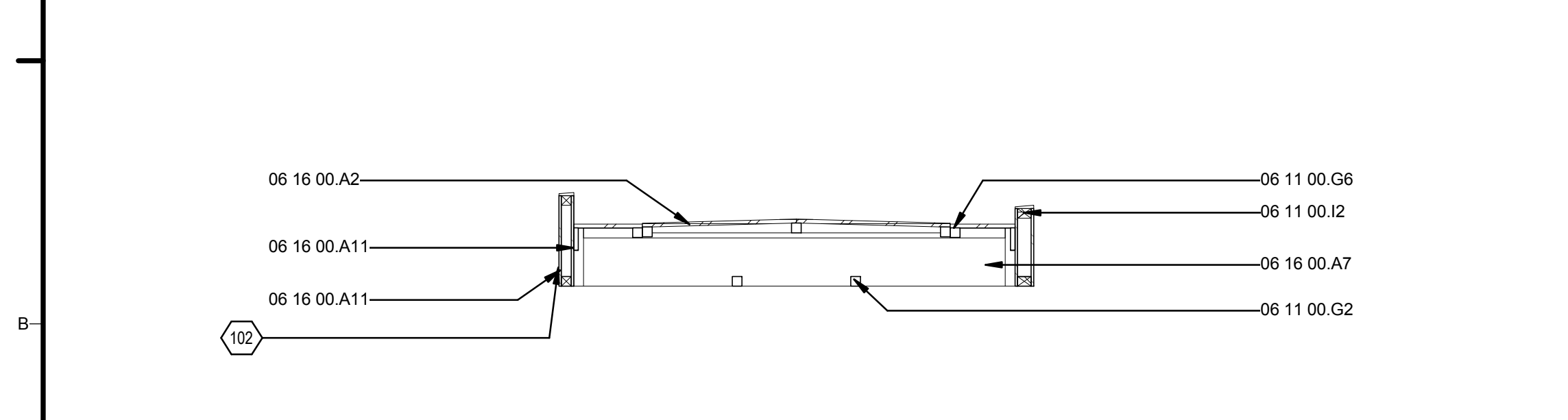
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SHEET TITLE
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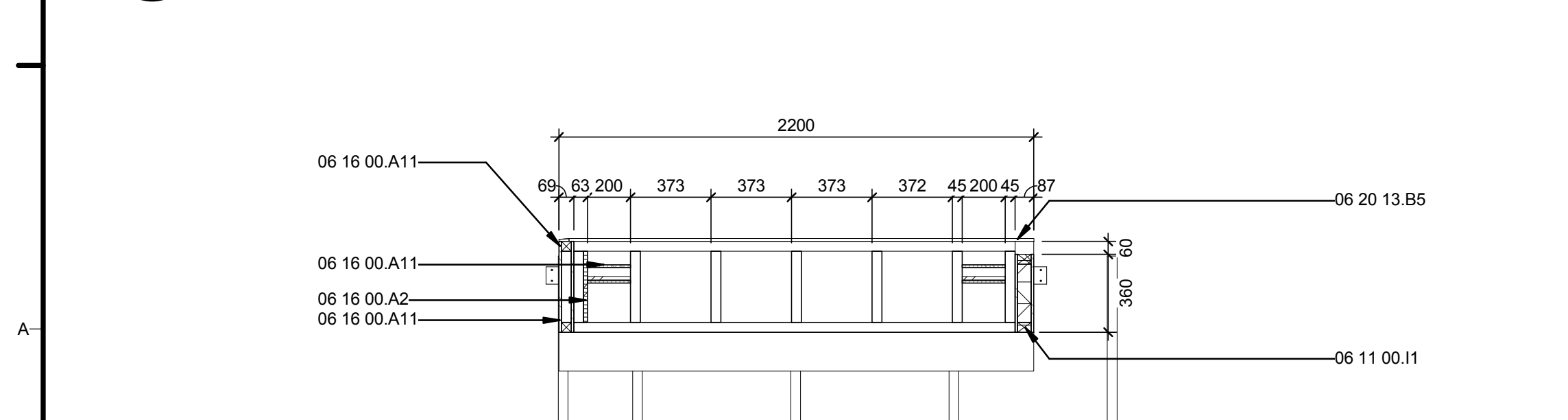
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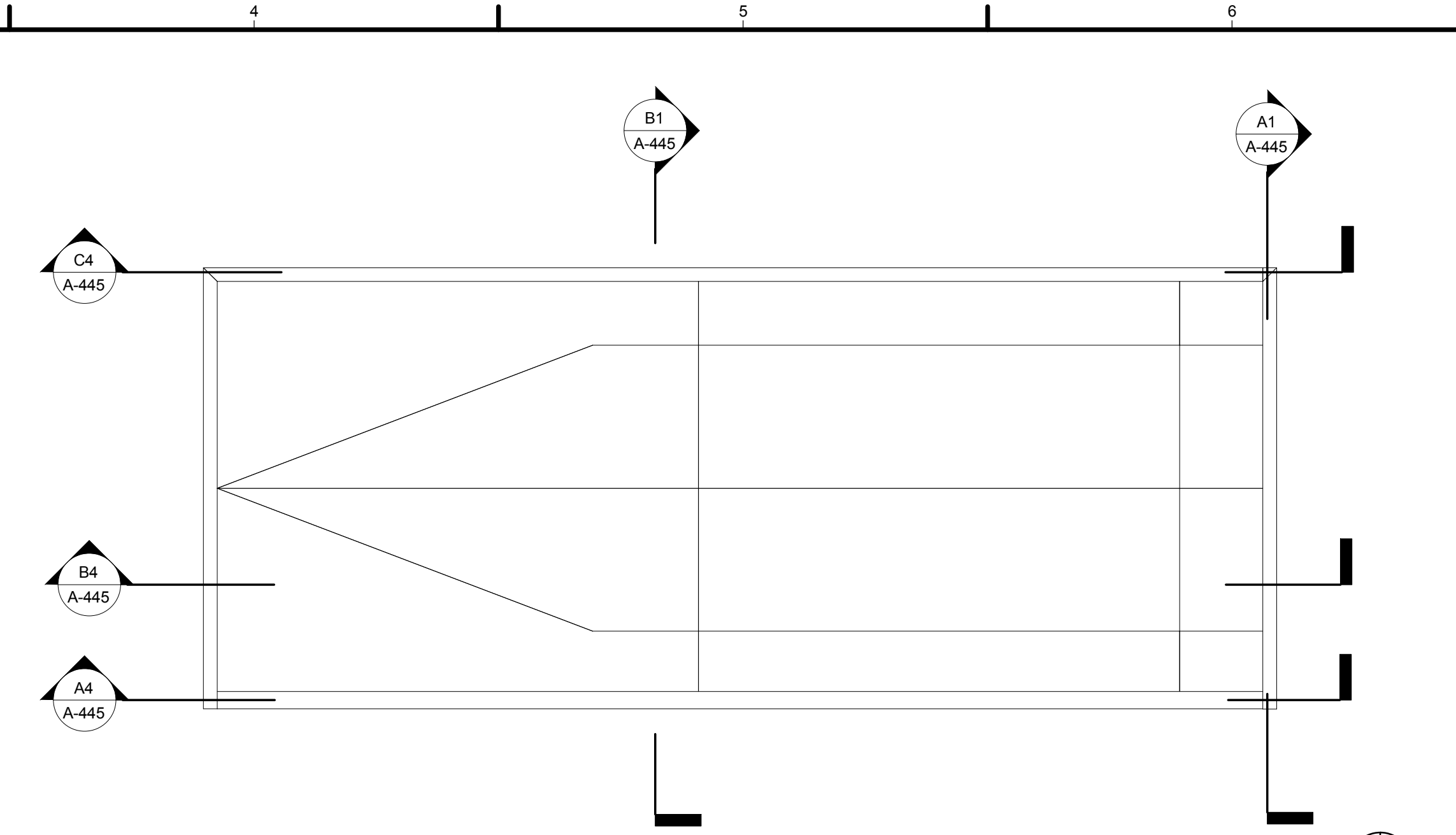
(C1) ROOF TYPE 1 FRAMING PLAN
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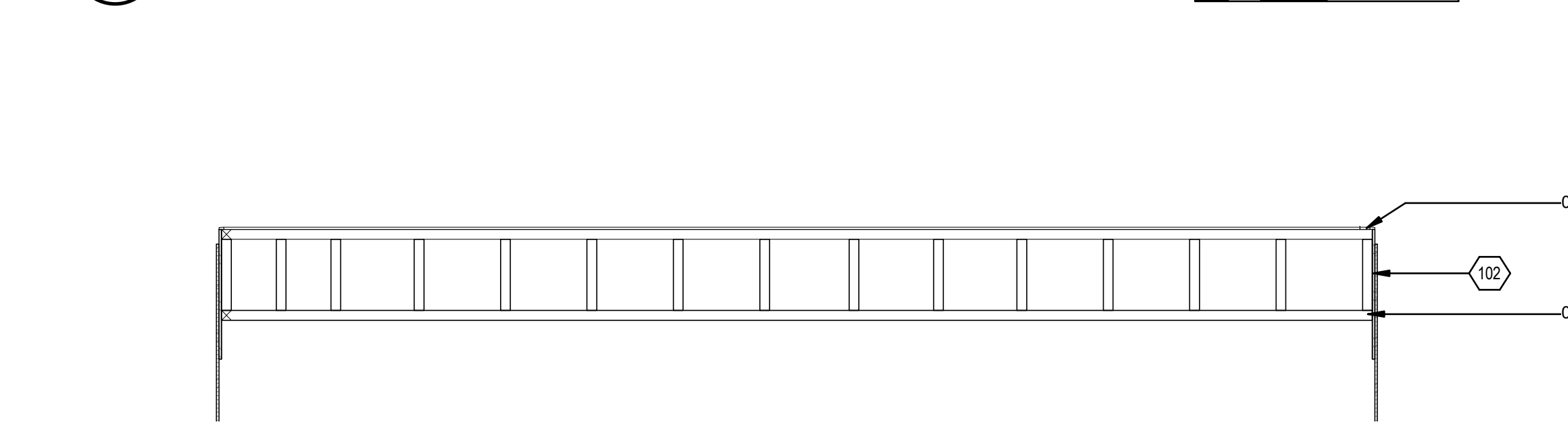
(B1) ROOF TYPE 1 TRANSVERSE SECTION
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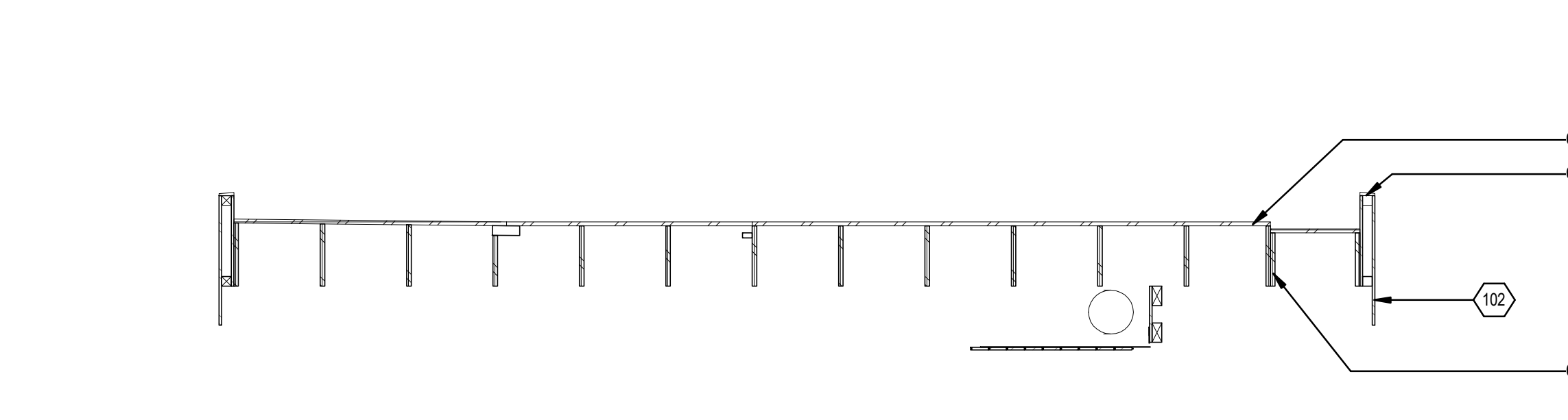
(A1) ROOF TYPE 1 TRANSVERSE SECTION END BOX BEAM
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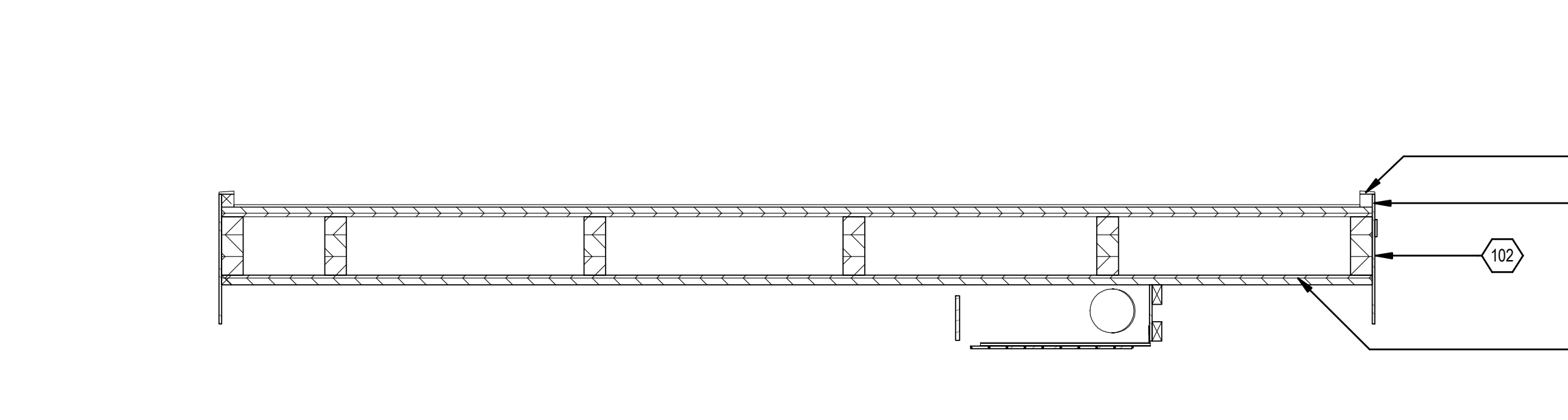
(D1) ROOF TYPE 1 PLAN
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(C4) ROOF TYPE 1 LONGITUDINAL SECTION BOX BEAM
1:24



(B4) ROOF TYPE 1 LONGITUDINAL SECTION
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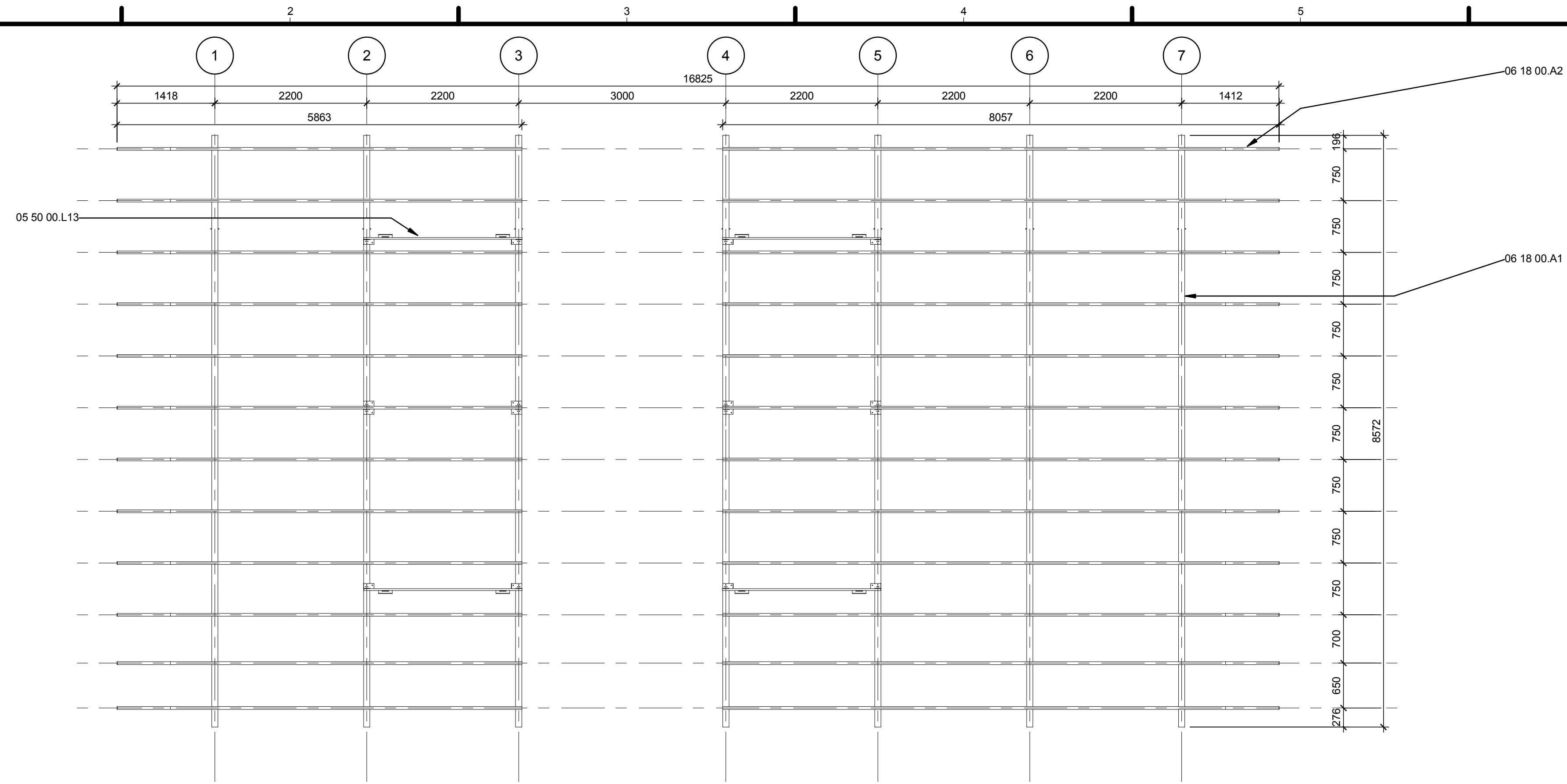


(A4) ROOF TYPE 1 LONGITUDINAL SECTION LVL BOX BEAM
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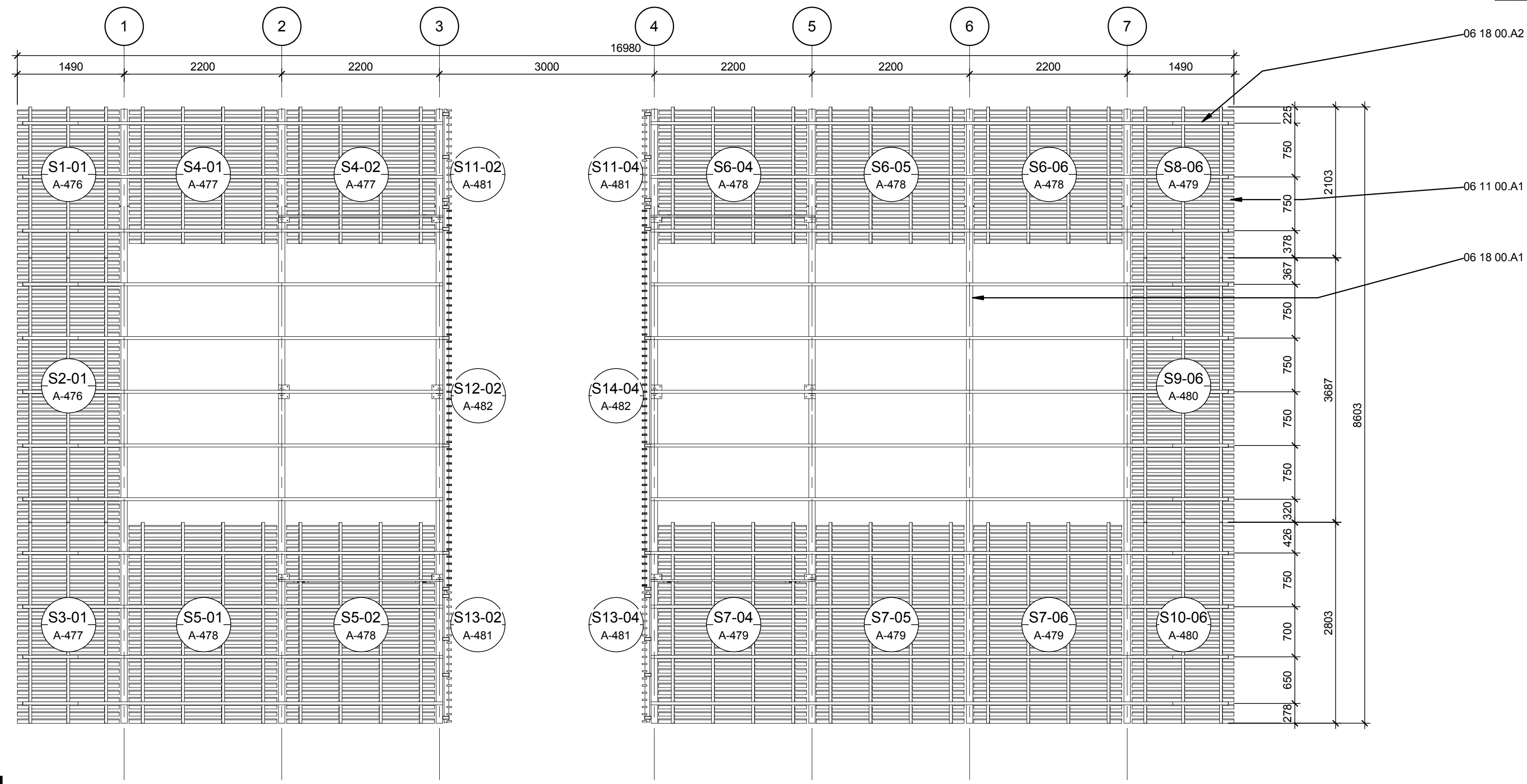
GENERAL SHEET NOTES	
REFERENCE KEYNOTES	
06 11 00.G2	45X45MM BLOCKING TIMBER
06 11 00.G5	45X45MM TIMBER PLYWOOD BOX BEAM BOTTOM CHORD
06 11 00.G6	45X45MM CONTINUOUS TIMBER
06 11 00.I1	63X45MM LVL PLYWOOD BOX BEAM TOP CHORD
06 11 00.I2	63X45MM LVL PLYWOOD BOX BEAM BOTTOM CHORD
06 16 00.A2	18MM PLYWOOD
06 16 00.A7	21MM PLYWOOD RIBS AT 400M CENTRES. CNC CUT TO FALLS.
06 16 00.A11	12MM PLYWOOD LINING, TREATED AND PAINTED
06 20 13.B5	TIMBER PARAPET FURRING TO ACHIEVE PARAPET FALL
SHEET KEYNOTES	
102	12MM OUTER PLYWOOD WEB OF ALL BOXBEAMS TO BE SUPPLIED LOOSE FOR CONSTRUCTION PHASE TWO

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	A-445



(C1) CANOPY STRUCTURAL PLAN
1:48



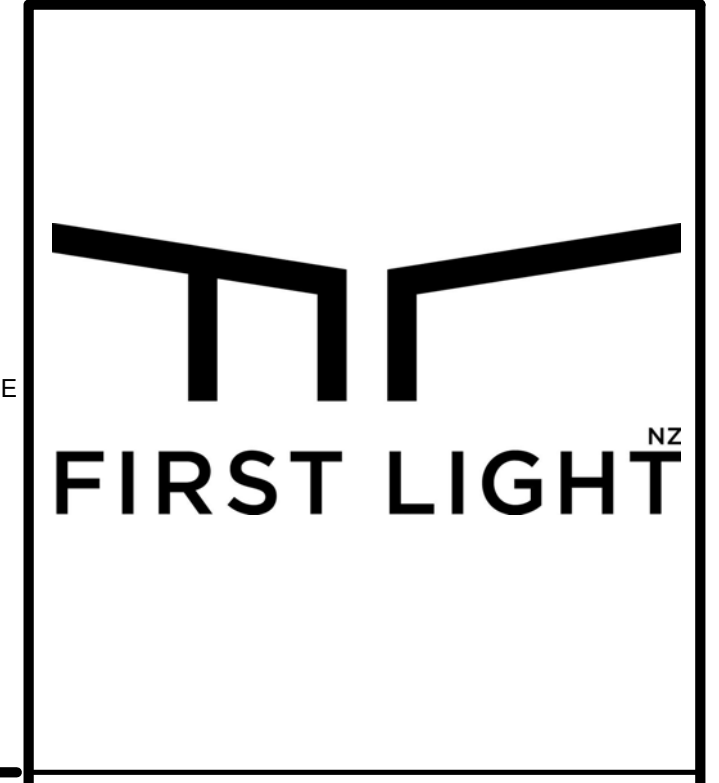
(A1) CANOPY PLAN
1:48

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 50 00.L13 STRUCTURAL STEEL SUPPORT BRACKETS
- 06 11 00.A1 75X19MM CEDAR SLATS AT 100MM CENTRES
FIXED TO 85X35MM BATTENS
CONSTRUCTED IN PANELISED SYSTEM FOR
ONSITE ASSEMBLY.
- 06 18 00.A1 318X90MM GLUE-LAMINATED TIMBER BEAM
SPANNING BETWEEN COLUMNS, TAPERING
TO 135X90 @ CANTILEVERED ENDS. REFER
FABRICATION DRAWINGS.
- 06 18 00.A2 135X42MM GLULAM GL8 RAFTERS AT 750MM
NOM. CENTRES SPANNING FULL LENGTH OF
CANOPY, TAPERING TO 70X42MM @
CANTILEVERED END. REFER FABRICATION
DRAWINGS.

SHEET KEYNOTES



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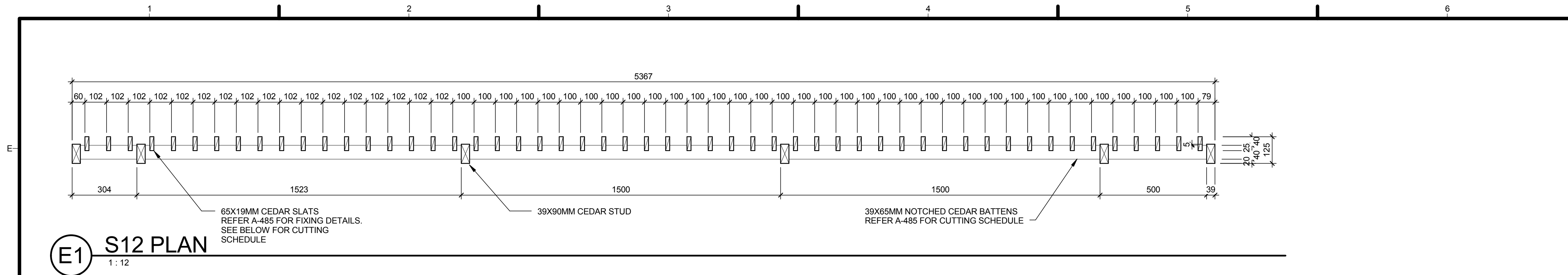


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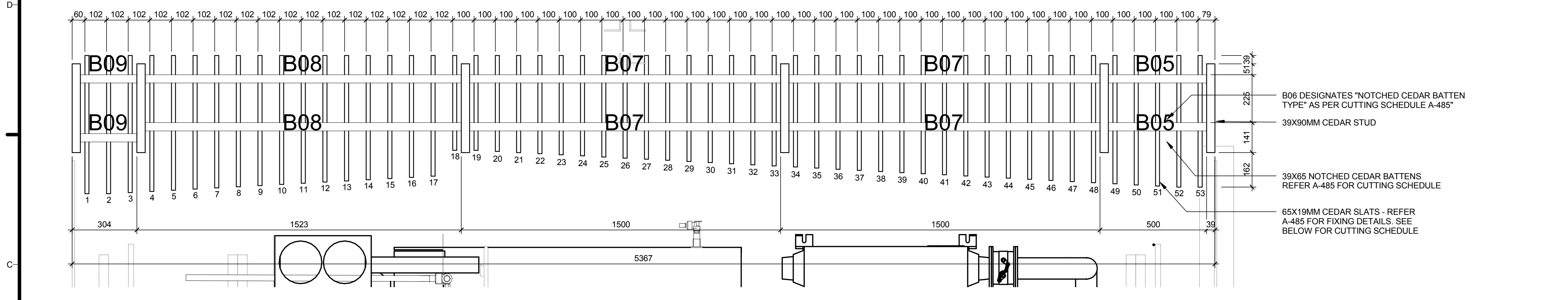
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SHEET TITLE
CANOPY PLAN

A-461



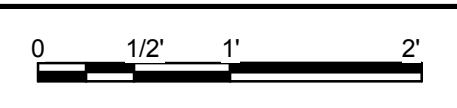
E1 S12 PLAN
1:12



C1 S12 ELEVATION
1:12

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1	649	
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3	644	
4	638	
5	633	
6	627	
7	622	
8	616	
9	611	
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20	450	
21	455	
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41	560	
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44	576	
45	581	
46	586	
47	592	
48	597	
49	602	
50	607	
51	613	
52	618	
53	618	

A1 SLAT CUTTING SCHEDULE S12 & S14
1:12



GENERAL SHEET NOTES

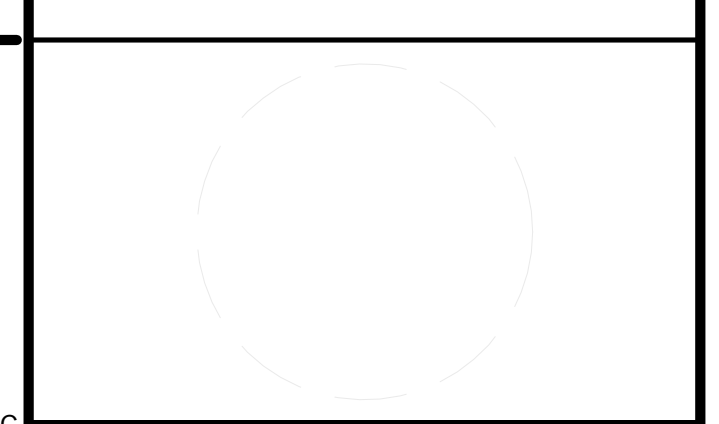
REFERENCE KEYNOTES

SHEET KEYNOTES

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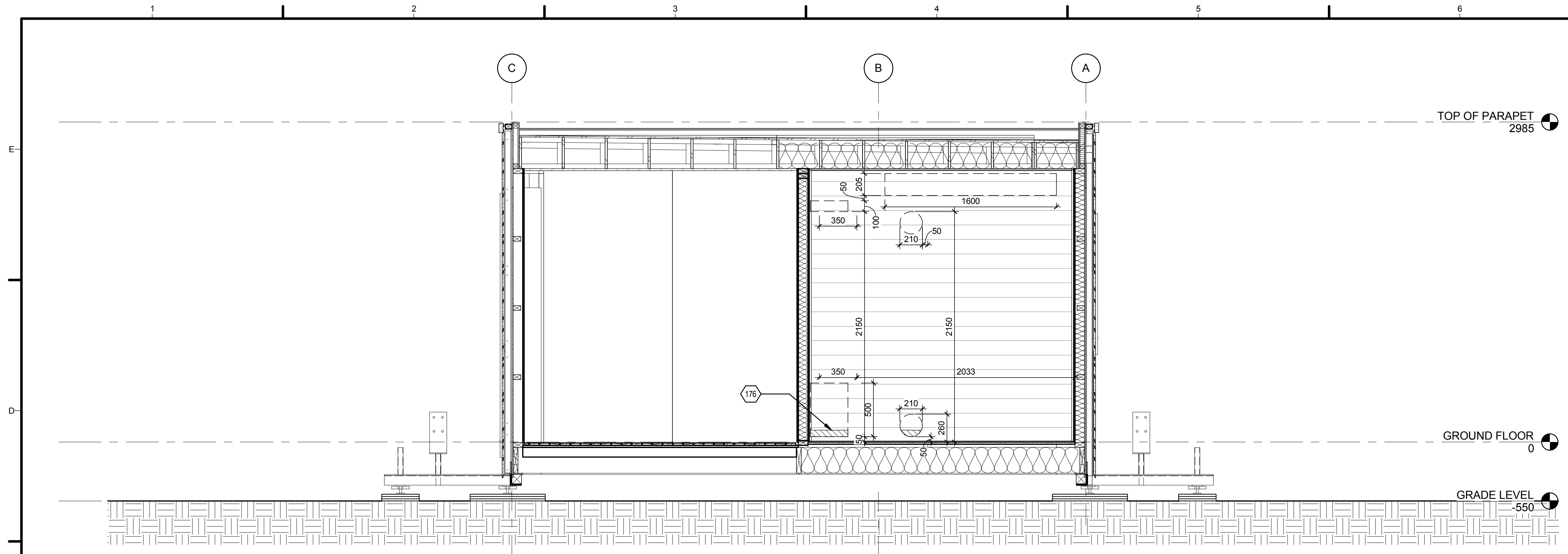
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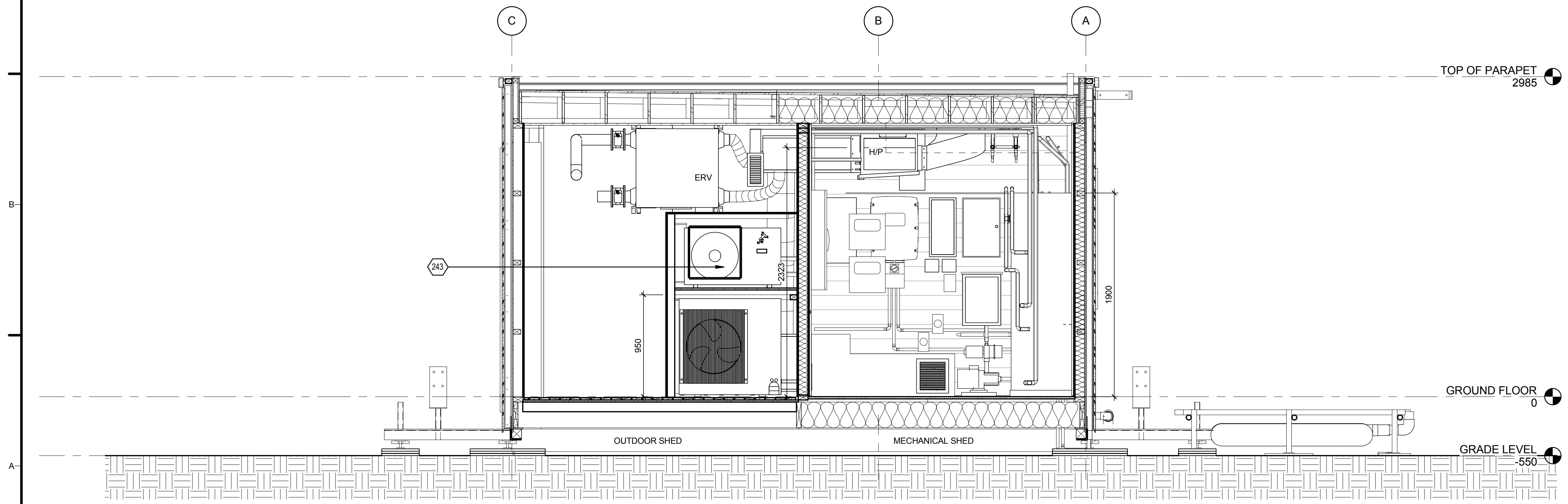
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**CANOPY MODULES
S12 & S14**

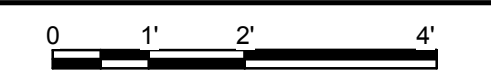
A-480



C3 SERVICE SHED WALL PENETRATIONS
1:24



A1 SERVICE SHED ELEVATION
1:24



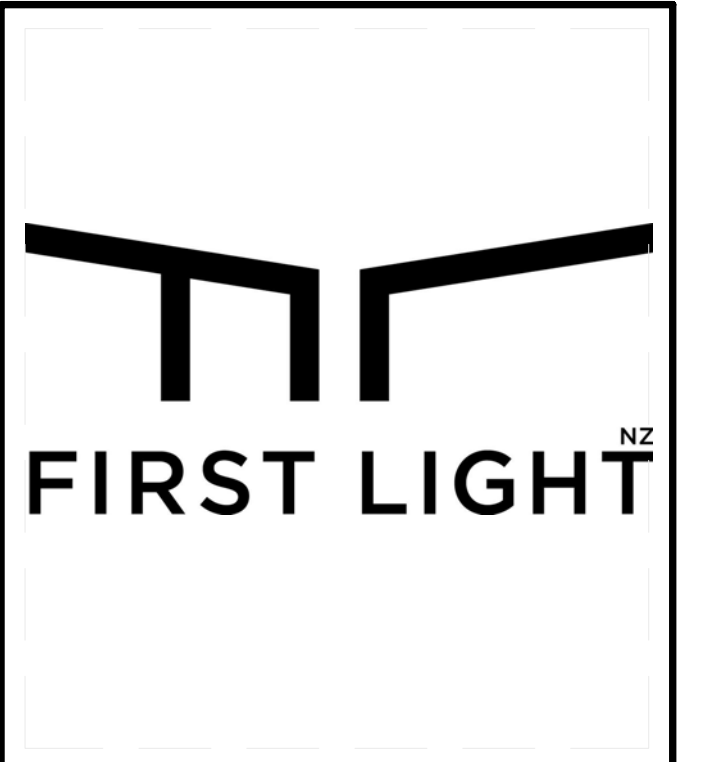
GENERAL SHEET NOTES

- MECHANICAL EQUIPMENT SHOWN INDICATIVELY ONLY. REFER MECHANICAL, PLUMBING, ELECTRICAL, TELECOMMUNICATIONS AND FIRE PROTECTION DRAWING SETS FOR DETAIL.
- LANDSCAPE AND CANOPY NOT SHEWEN FOR CLARITY

REFERENCE KEYNOTES

SHEET KEYNOTES

- 176 HATCHED AREA INDICATES PENETRATION THROUGH HORIZONTAL STUD ON INSIDE FACE OF WALL TO ALLOW FOR RETURN AIR GRILL
- 243 SERVICES ITEMS SHOWN INDICATIVE ONLY - REFER TO RELEVANT DISCIPLINE SETS FOR DETAILS



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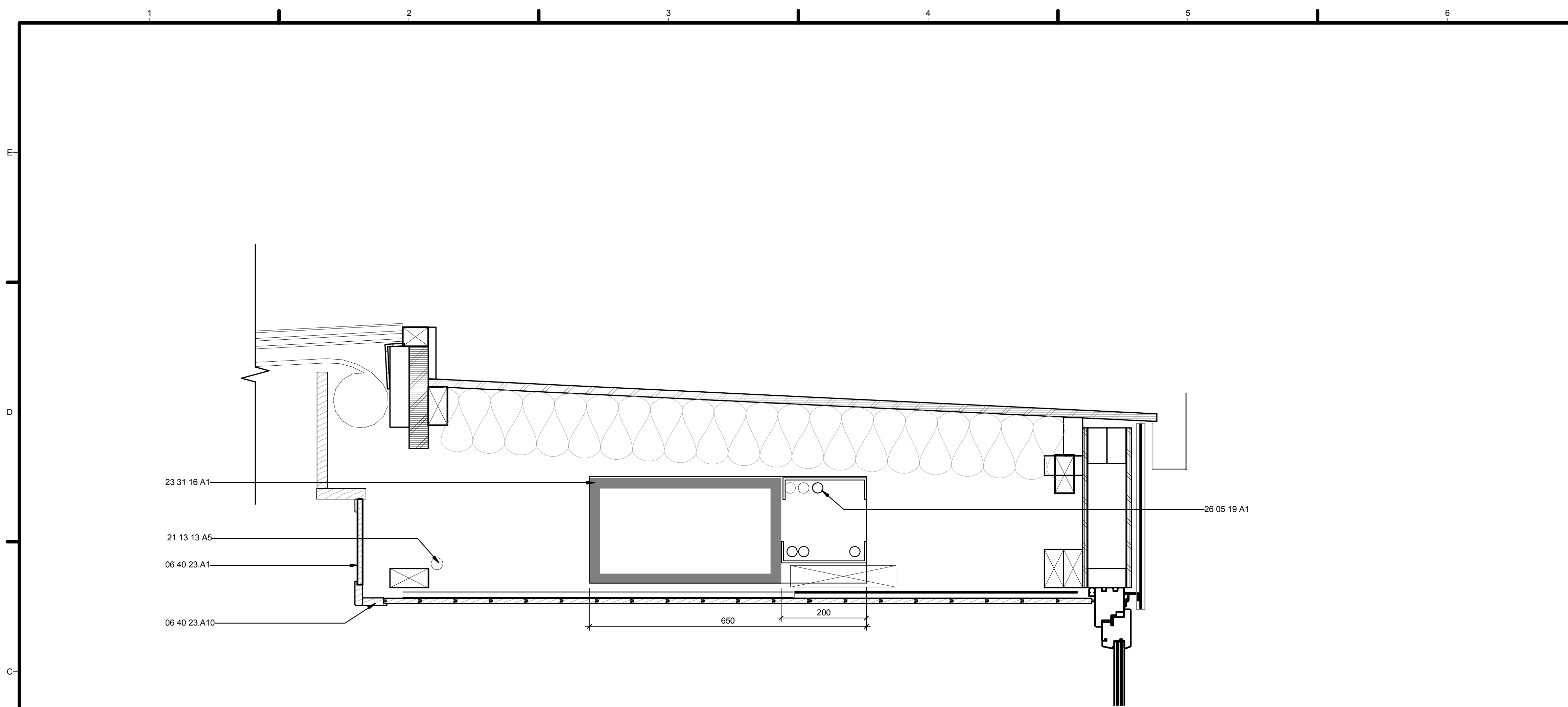
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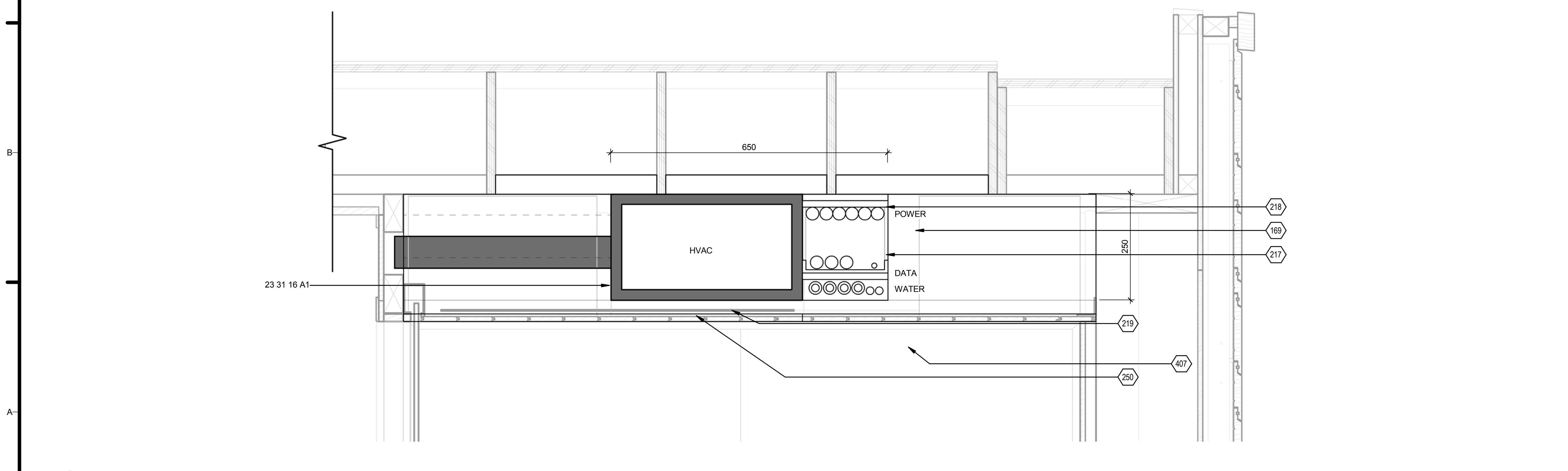
SERVICE SHED ELEVATIONS

A-491

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C1 BULKHEAD SECTION - MODULE 3
1:6



A1 SECTION OF BULKHEAD THROUGH SHEAR WALL
1:6

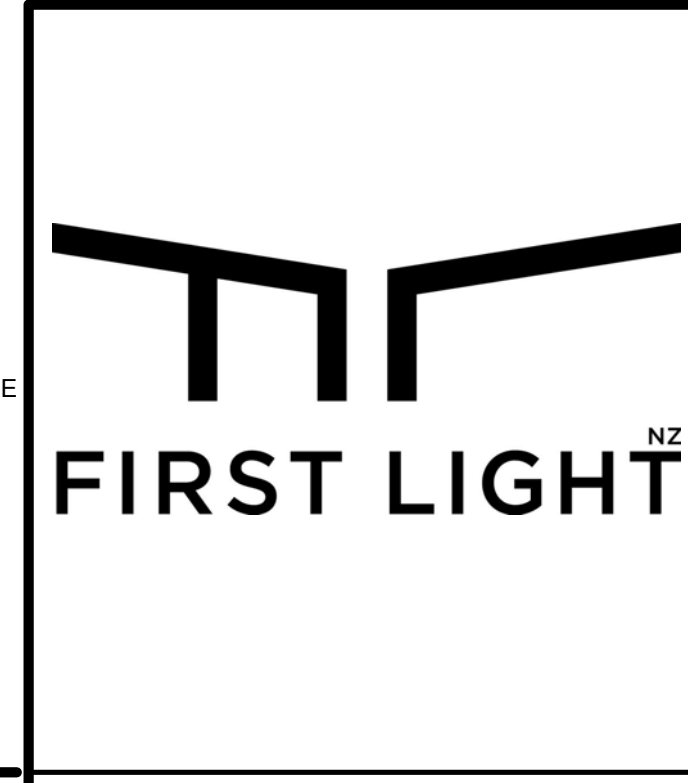
GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINNING.
- 06 40 23.A10 EX 57X18MM INTERIOR TIMBER TRIM TO OPENINGS
- 21 13 13 A5 28MM HEP20 POLYBUTYLENE MAIN BRANCH PIPING IN BULKHEAD
- 23 31 16 A1 PREMIER FOAMBOARD DUCTING
- 26 05 19 A1 25 CORE, 2.5MM2 (AWG 14) OFLEX CLASSIC 130H MULTICORE CABLE

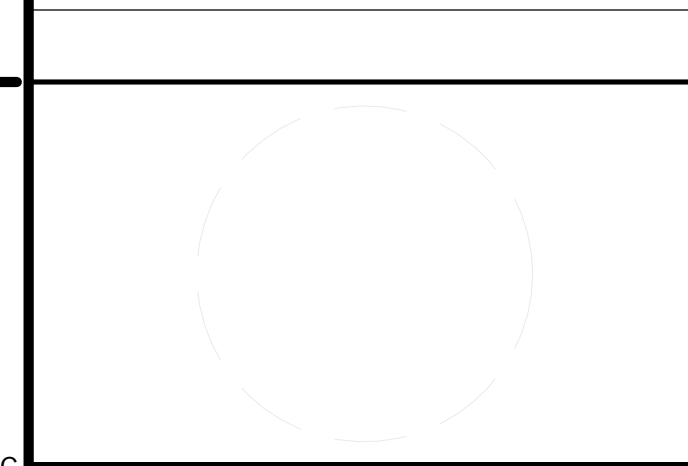
SHEET KEYNOTES

- 169 600X280MM OPENING IN TRANSVERSE SHEAR WALLS FOR DUCTING
- 216 DATA CABLES BUNDLED TOGETHER RUNNING TO EACH MODULE
- 217 200MM BASKET TRAYS HUNG FROM CEILING WITH SUSPENSION BRACKET
- 218 200MM UNISTRUT HUNG FROM ROOF STRUCTURE
- 219 ORGANISER SUPPLIED DATA CABLE
- 250 WATER PIPES HUNG FROM BASKET TRAY IN SERVICES BULKHEAD. ALL WATER LINES TO RUN THROUGH 650 X 250 OPENINGS BETWEEN SHEAR WALLS
- 407 REMOVEABLE RIMU T&G CEILING PANELS TO ALL CEILINGS THROUGH BUILDING CORE. REFER INTERIOR DRAWING SET FOR DETAILS AND SETOUT



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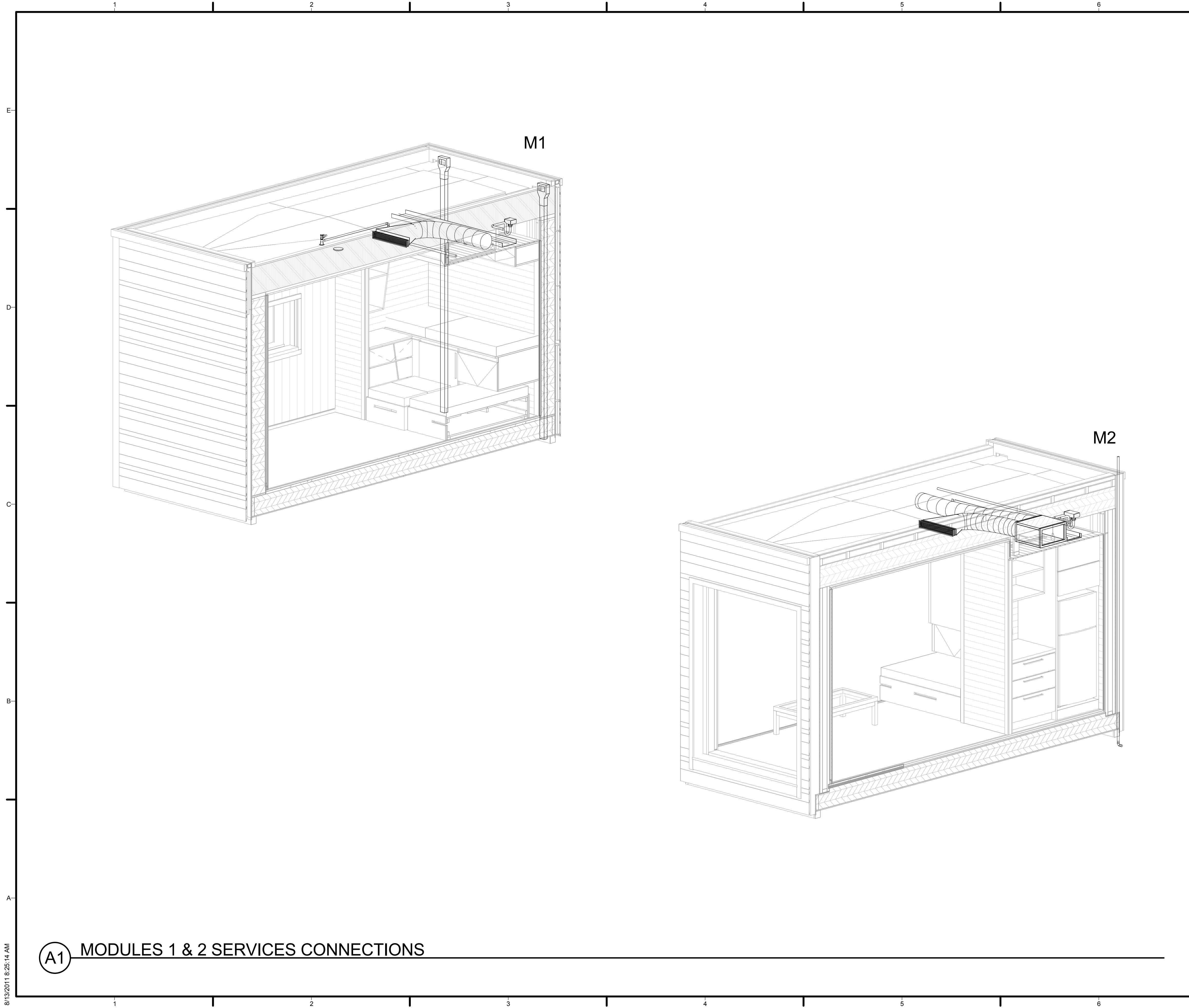
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SHEET TITLE

BULKHEAD SECTION

A-493



GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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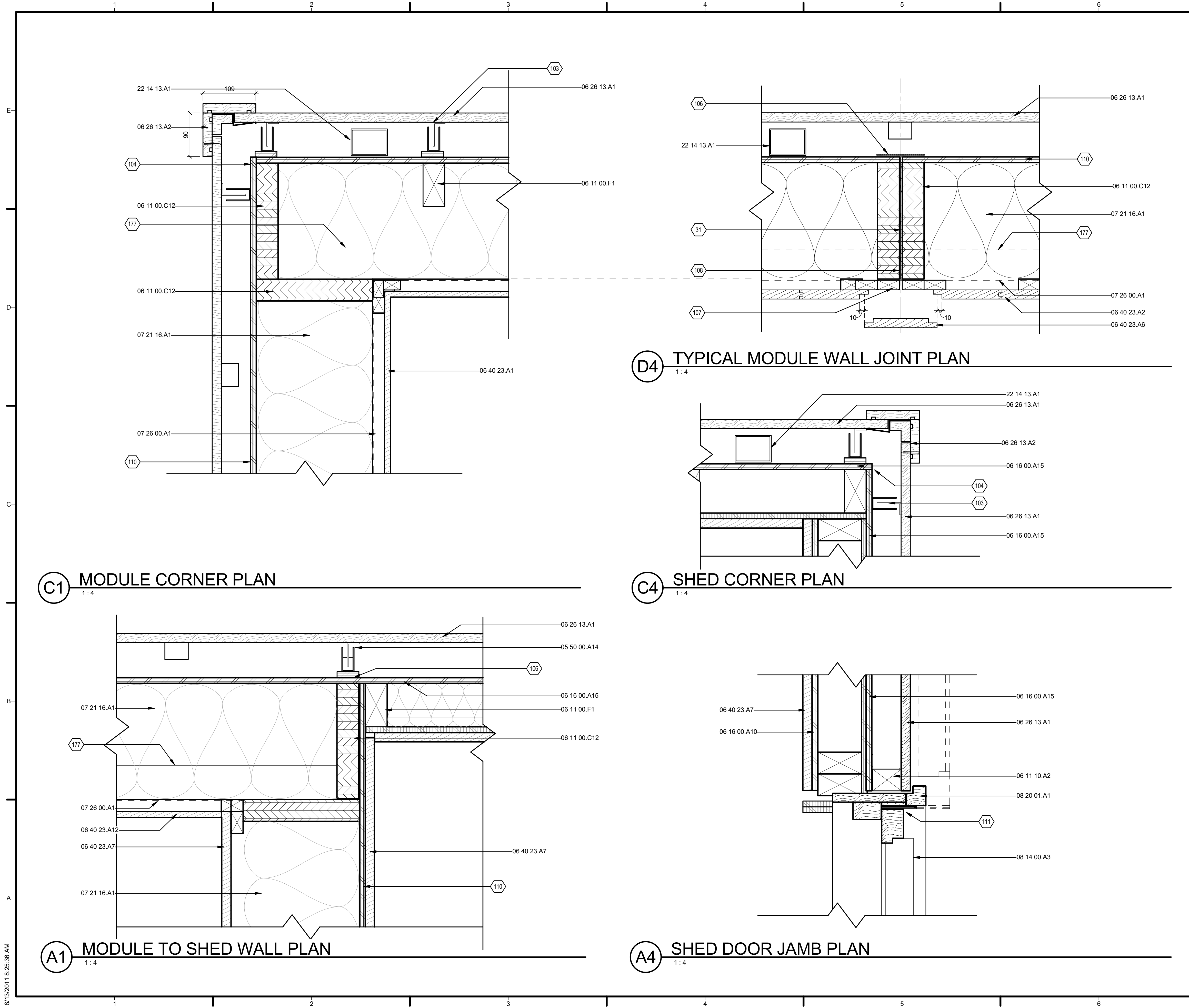
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SHEET TITLE
MODULES - SERVICES CONNECTIONS

A-494

(A1) MODULES 1 & 2 SERVICES CONNECTIONS

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 50 00.A14	CLADDING WALL CHANNEL TYPE C08
06 11 00.C12	240X45MM LVL WALL STUD AT MODULE EDGE
06 11 00.F1	90X45MM TIMBER WALL STUD
06 11 10.A2	12MM ECOPLY LINING NAIL FIXED AT 75MM CENTRES
06 16 00.A10	12MM PLYWOOD ON 25MM CAVITY
06 16 00.A15	PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY. FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
06 26 13.A1	PRE-FORMED EXTERNAL CEDAR CORNER COVERBOARD SECURED TO CLADDING BY STEEL SPRING CLIP AND SCREW FIXING
06 40 23.A1	83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINNING.
06 40 23.A2	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE VERTICAL TIMBER BOARD ON 45X25 TIMBER BATTENS
06 40 23.A6	REMOVABLE COVER BOARD SCREW FIXED OVER MODULE JOIN
06 40 23.A7	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE HORIZONTAL TIMBER BOARD
06 40 23.A12	83X12MM VERTICAL TONGUE & GROOVE TIMBER BOARD INTERIOR LINNING. STAINED - RESENE WATERBOURNE COLOURWOOD WALNUT
07 21 16.A1	WOOL INSULATION BATTS
07 26 00.A1	PROCLIMA VAPOUR CHECK MEMBRANE
08 14 00.A3	SOLID TIMBER DOOR TO SERVICES SHED
08 20 01.A1	EX 40X50MM TIMBER REVEAL (MIMICS WINDOW JAMB DETAIL)
22 14 13.A1	55X75MM RECTANGULAR FACTORY PAINTED STEEL DOWNPIPE

SHEET KEYNOTES

31	INSTALL 2 X PF RODS BETWEEN MODULE JOINTS
103	ALL CHANNELS CLIP FIXED TO ALUMINIUM SUPPORTS ON TIMBER CAVITY BATTENS
104	INSTALL HEAVY DUTY FLASHING TAPE OVER MODULE CORNER
106	INSTALL HEAVY DUTY FLASHING TAPE OVER VERTICAL PLYWOOD JOIN
107	INSTALL HEAVY DUTY FLASHING TAPE OVER TIMBER CAVITY BATTENS AT MODULE JOIN
108	INSTALL 2X RODS TO MODULE EDGE
110	12MM PLYWOOD SHEETS LAID VERTICALLY WITH PROPRIETY 'H' FLASHING AT HORIZONTAL JOINT. FLASHING TAPE TO ALL PLYWOOD VERTICAL JOINS
111	INSTALL HEAVY DUTY 70MM HINGE OPEN DOOR POSITION SHOWN DOTTED (FULL OPENING REQUIRED FOR EXHIBIT)
177	LINE OF 70X45MM HORIZONTAL TIMBERS AT 650MM MAX CENTRES BLOCKED OFF TIMBER STUDS AT MID MODULE

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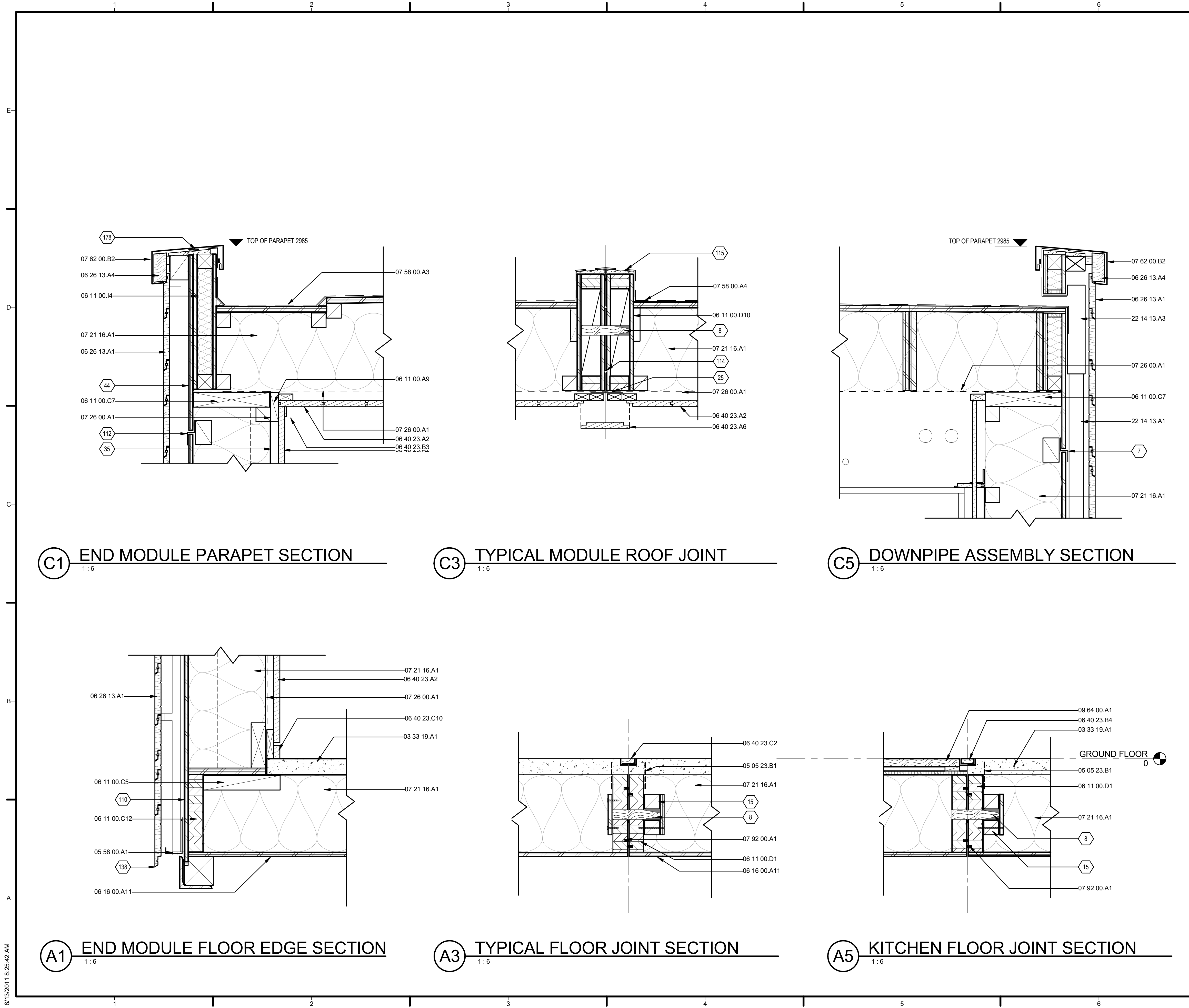
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SHEET TITLE
TYPICAL MODULE PLAN DETAILS

A-501

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

03 33 19.A1	50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE CONCRETE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
05 05 23.B1	GANGNAIL PLATES TO EDGE OF LVL JOISTS CAST INTO CONCRETE FLOOR TOPPING
05 58 00.A1	90 X 25MM CAVITY BATTEN PERMANENTLY FIXED TO LVL TOP PLATE
06 11 00.A9	240X45MM TIMBER BLOCKING
06 11 00.C5	240X45MM TIMBER TOP PLATE
06 11 00.C7	240X45MM LVL WALL STUD AT MODULE EDGE
06 11 00.D1	240X45MM LVL FLOOR JOISTS
06 11 00.D10	360X87MM PLYWOOD BOXBEAM: 63X45MM LVL TOP AND BOTTOM CHORDS, 63X100MM LVL STIFFENERS @ 1200MM CENTRES, 12MM PLYWOOD WEBS
06 11 00.I4	420X69MM INSULATED PLYWOOD BOX BEAM - 45X45 TIMBER TOP AND BOTTOM CHORDS, 12MM PLY WEBS
06 16 00.A11	12MM PLYWOOD LINING, TREATED AND PAINTED
06 26 13.A1	PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
06 26 13.A4	PARAPET COVERBOARD
06 40 23.A2	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE VERTICAL TIMBER BOARD ON 45X25 TIMBER BATTENS
06 40 23.A6	REMOVABLE COVER BOARD SCREW FIXED OVER MODULE JOIN
06 40 23.A12	83X12MM VERTICAL TONGUE & GROOVE TIMBER BOARD INTERIOR LINING, STAINED - RESENE WATERBOURNE COLOURWOOD "WALNUT"
06 40 23.B1	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE PINE TIMBER BOARD TO CEILING ALIGNED TO DIRECTION INDICATED
06 40 23.B3	30X6 TIMBER TRIM TO WALL CEILING JUNCTION
06 40 23.B4	TORRIFIED ASH 47X18 TIMBER BEAD
06 40 23.C2	ALUMINIUM CHANEL AND 50 X 25 TIMBER REVEAL FITTED TO RECESS IN FLOOR BETWEEN MODULE JOINS
06 40 23.C10	40 X 19MM TIMBER TRIM TO BOTTOM OF WALL LINING WITH 10MM NEGATIVE DETAIL
07 21 16.A1	WOOL INSULATION BATTS
07 26 00.A1	PROCLIMA VAPOUR CHECK MEMBRANE
07 58 00.A3	SELECTED WPM 1.5" ROOF & GUTTER ON 18MM PLY
07 58 00.A4	SELECTED WPM 1.5" ROOF & GUTTER ON 18MM PLY, DRESSED OVER PLYWOOD BOX BEAM
07 62 00.B2	METAL PARAPET CAP FLASHING 5" FALL WITH CONTINUOUS CLIP FIXING
07 92 00.A1	RAVEN SEAL FITTED TO TIMBER SIDES
09 64 00.A1	3M X 1.3M PANELISED 20 X 140MM TIMBER FLOORING ON 12MM PLYWOOD (PLY = 200MM WIDE AT 400MM CENTRES) AND TIMBER PACKERS
22 14 13.A1	55X75MM RECTANGULAR FACTORY PAINTED STEEL DOWNPIPE
22 14 13.A3	65X100MM PROPRIETARY SCUPPER OUTLET. WPM DRESSED INTO SCUPPER ALL ROUND

SHEET KEYNOTES

7	PROPRIETARY 'H' FLASHING AT HORIZONTAL JOINT. APPLY FLASHING TAPE TO ALL VERTICAL PLYWOOD JOINS
8	HARDWOOD TIMER LOCATOR PIN
15	SEALED TIMBER BUILT UP AROUND PIN
25	INSTALL HEAVY DUTY FLASHING TAPE OVER MODULE JOINT
35	LINE OF 140X45MM TIMBER STUDS AT 735 MAX CENTRES
44	12MM PLYWOOD TO GIVE FLUSH FINISH TO WALL AND ASSIST IN MODULE ROOF TO WALL FIXING
110	12MM PLYWOOD SHEETS LAID VERTICALLY WITH PROPRIETARY 'H' FLASHING AT HORIZONTAL JOINT. FLASHING TAPE TO ALL PLYWOOD VERTICAL JOINS
112	FLEXIBLE BITUMINOUS FLASHING TO HORIZONTAL JOINTS
114	INSTALL 2X PF RODS BETWEEN MODULE JOINS
115	ADHESIVE MEMBRANE STRIP TO SUIT SECTIONED MEMBRANE RUN OVER MODULE PARAPET JOIN
138	OVERHANG CLADDING 35MM FROM UNDERSIDE OF FLOOR MODULE.
178	ROOFING MEMBRANE LAPPED OVER PARAPET

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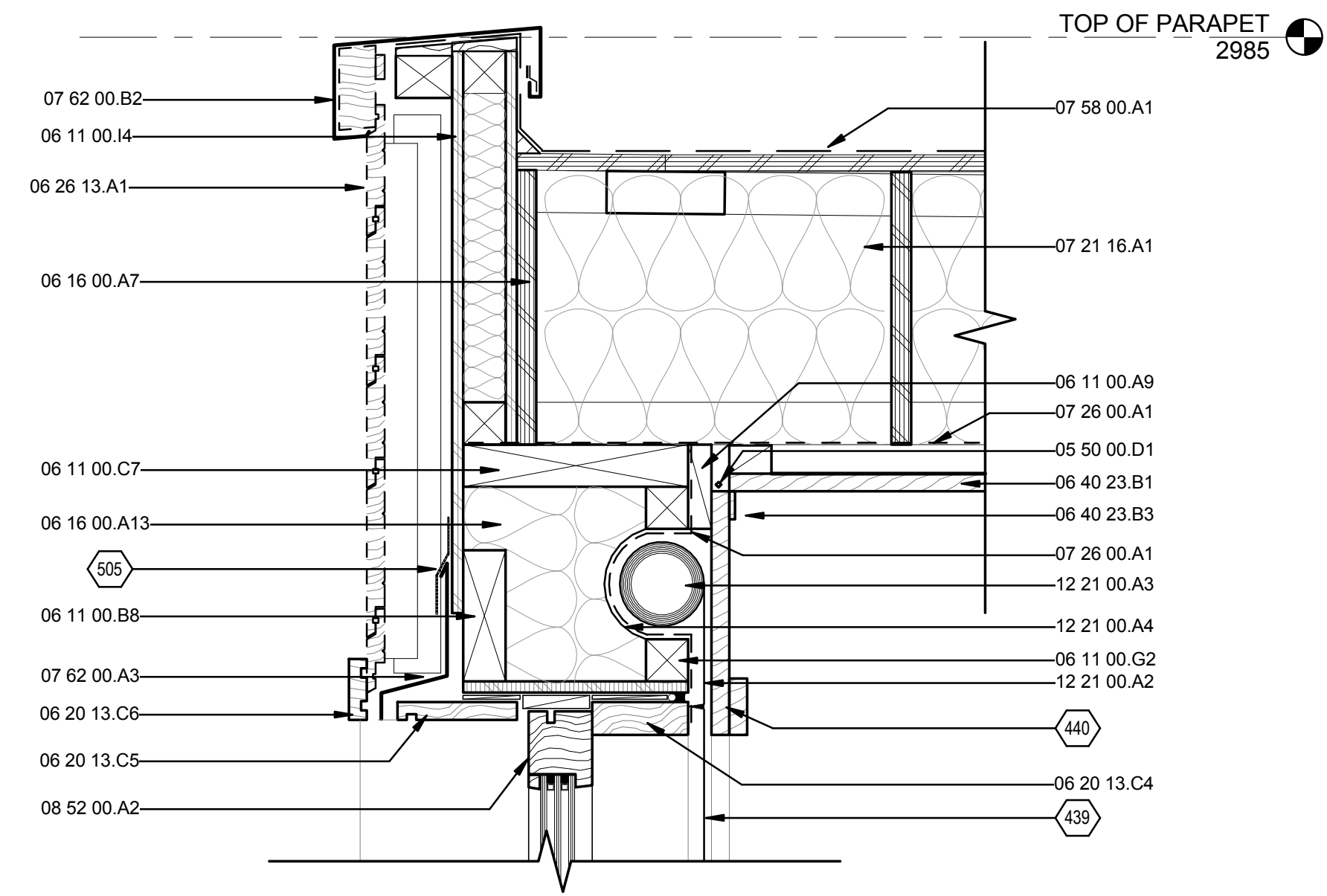
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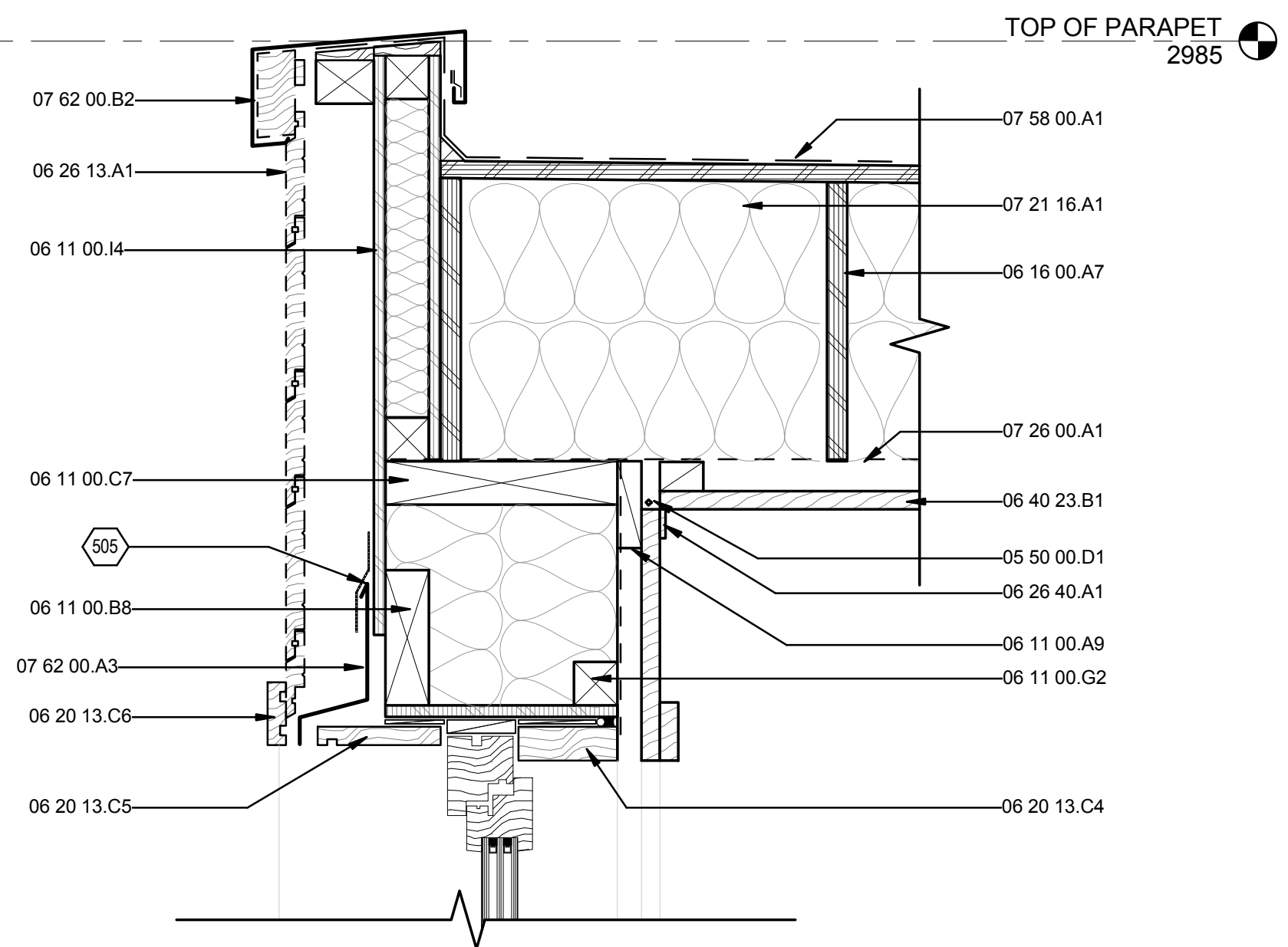
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TYPICAL MODULE SECTION DETAILS

A-511

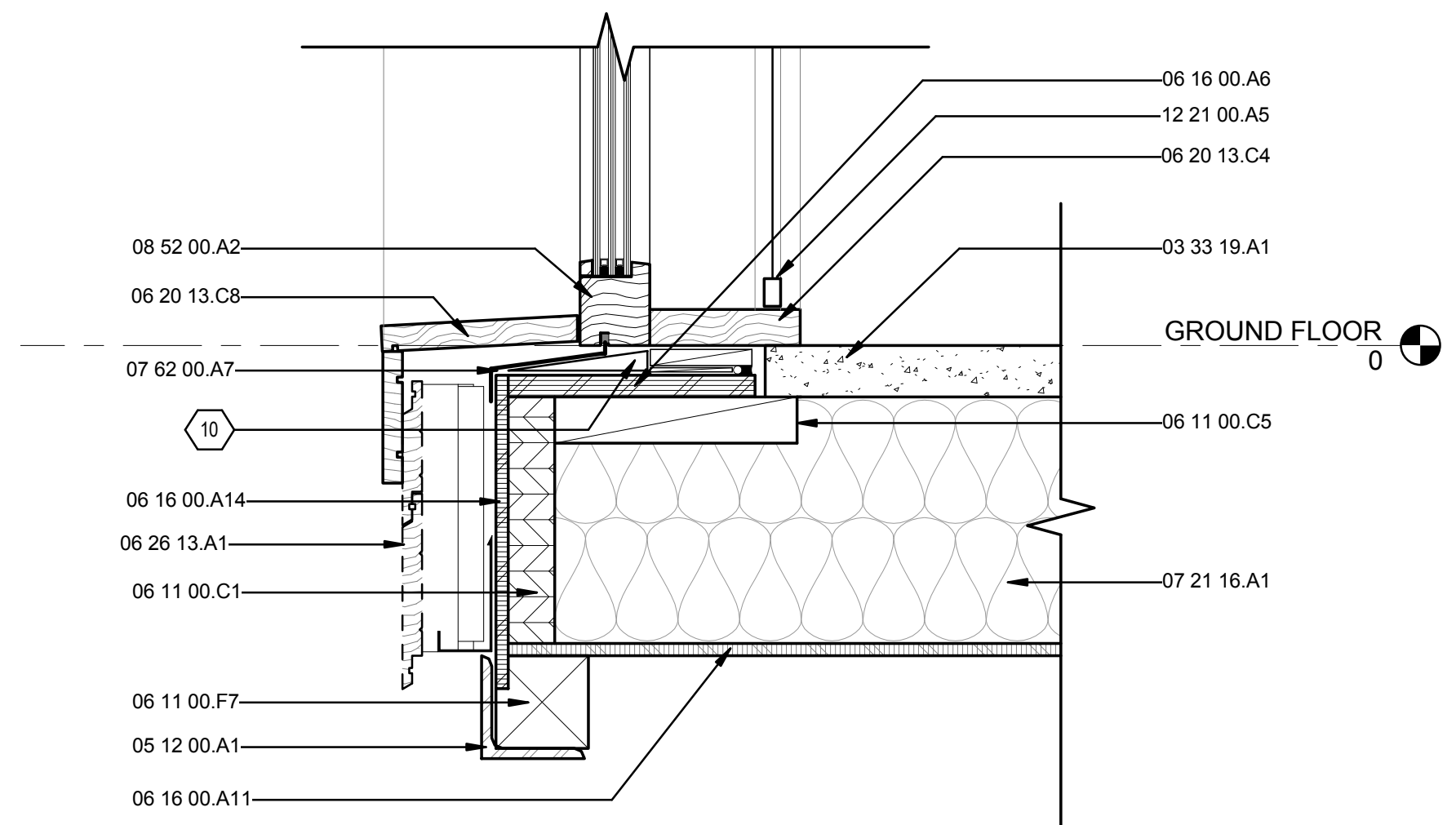
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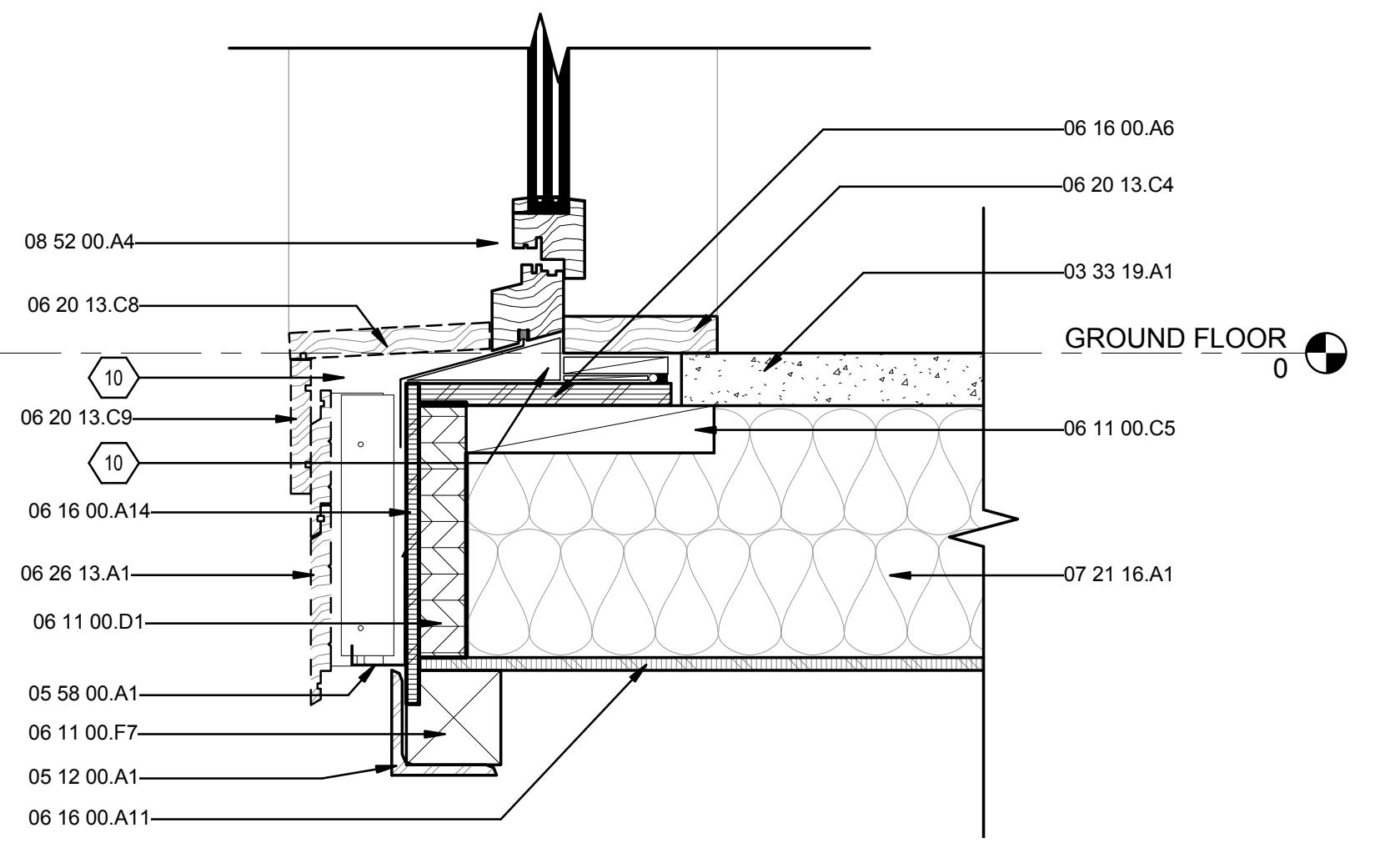
D1 FIXED WINDOW HEAD SECTION
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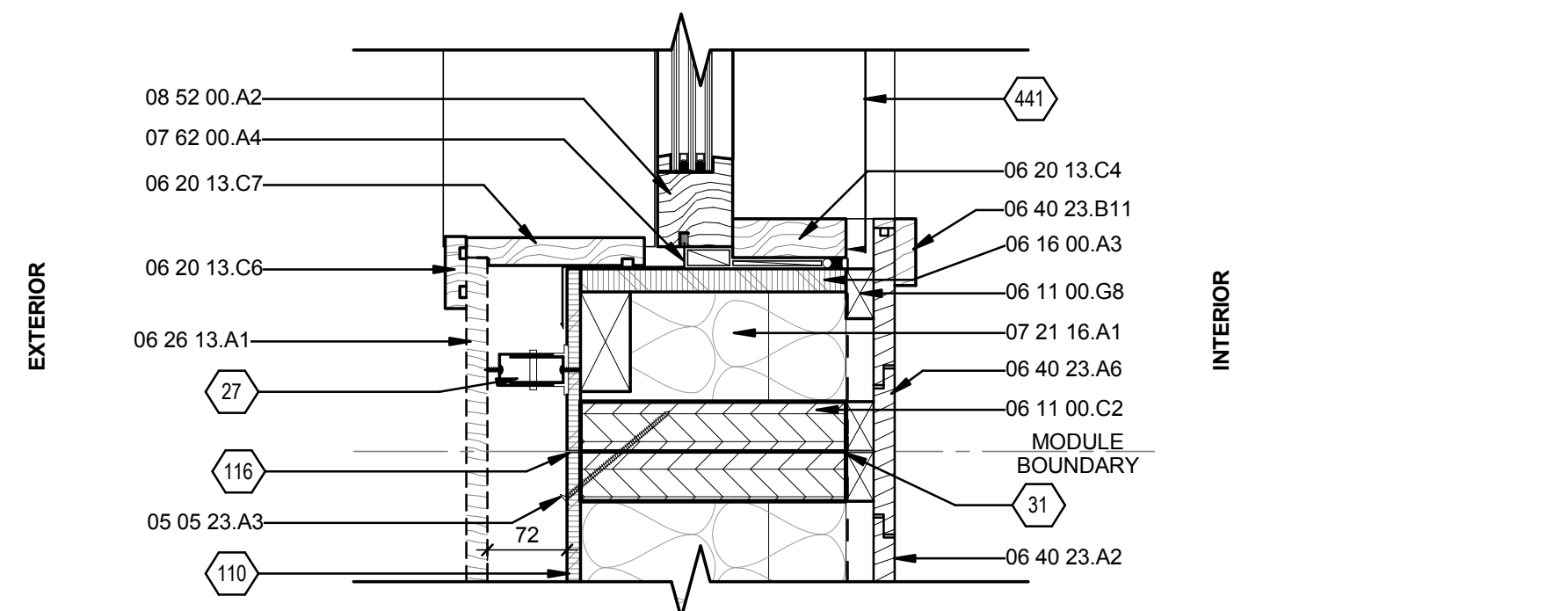
D4 HINGED WINDOW HEAD SECTION
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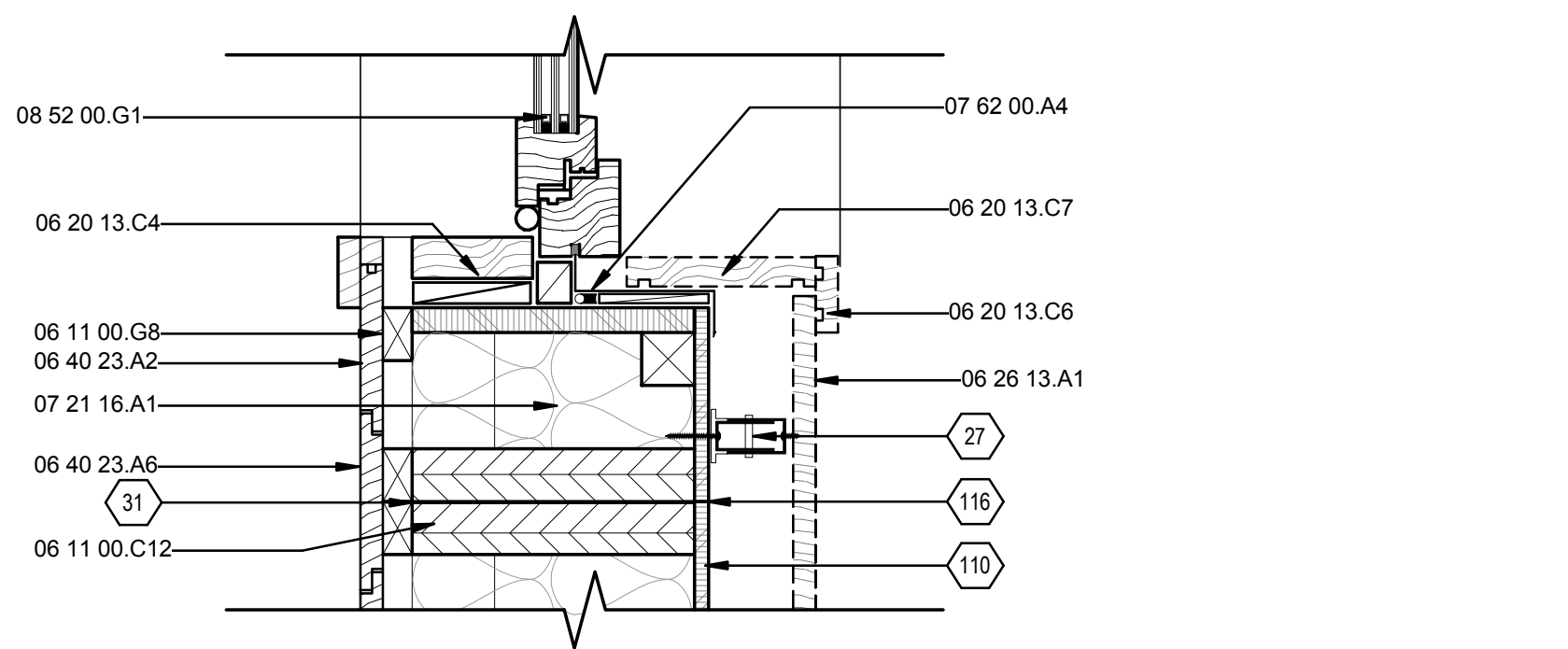
B11 FIXED WINDOW SILL SECTION
1:6



B4 HINGED WINDOW SILL SECTION
1:6



A1 FIXED WINDOW JAMB PLAN
1:6



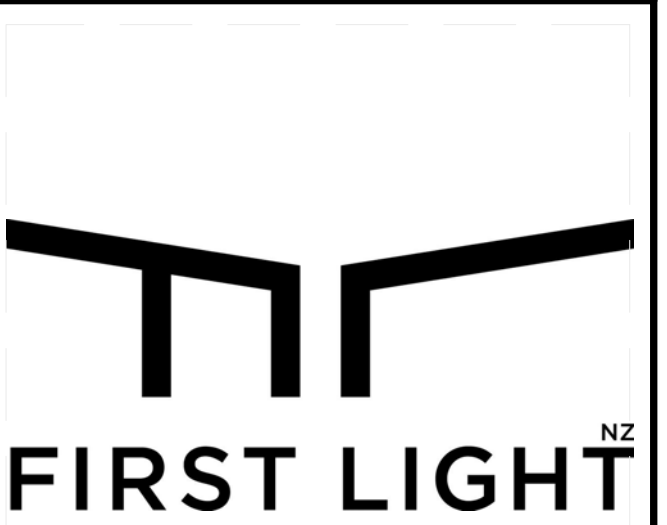
A4 HINGED WINDOW JAMB PLAN
1:6

REFERENCE KEYNOTES

- 03 33 19.A1 50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
- 05 05 23.A3 120MM COACH SCREW FIXINGS @ MID HEIGHT OF WALL
- 05 12 00.A1 100X100X10MM EA FOUNDATION BEARER
- 05 50 00.D1 6MM Ø STAINLESS STEEL CABLE CONTINUOUS ALONG LENGTH OF BUILDING - TENSIONED ON SITE PRIOR TO PANEL FIXING.
- 05 58 00.A1 90 X 25MM CAVITY BATTEN PERMANENTLY FIXED TO LVL TOP PLATE
- 06 11 00.A9 140X45MM TIMBER AND PLYWOOD FORMING BOX BEAM LINTEL
- 06 11 00.B8 240X45MM LVL TRIMMING JOIST
- 06 11 00.C1 240X45MM LVL WALL STUD
- 06 11 00.C2 240X45MM TIMBER BLOCKING
- 06 11 00.C5 240X45MM TIMBER TOP PLATE
- 06 11 00.C7 240X45MM LVL WALL STUD AT MODULE EDGE
- 06 11 00.C12 240X45MM LVL FLOOR JOISTS
- 06 11 00.D1 90X90MM TIMBER EDGE BLOCK, NOTCHED AROUND PLYWOOD
- 06 11 00.F7 45X45MM BLOCKING TIMBER
- 06 11 00.G2 45X25MM INTERNAL TIMBER CAVITY BATTENS
- 06 11 00.G8 420X69MM INSULATED PLYWOOD BOX BEAM - 45X45 TIMBER TOP AND BOTTOM CHORDS, 12MM PLY WEBS
- 06 16 00.A3 21MM PLYWOOD
- 06 16 00.A6 21MM PLYWOOD BOTTOM PLATE
- 06 16 00.A7 21MM PLYWOOD RIBS AT 400M CENTRES. CNC CUT TO FALLS.
- 06 16 00.A11 12MM PLYWOOD LINING, TREATED AND PAINTED
- 06 16 00.A13 12MM PLYWOOD GUSSET @ MID SPAN AND ENDS
- 06 16 00.A14 12MM PLYWOOD SHEETS, FLASHING TAPE VERTICAL JOINS. LAP 30 OVER 90 X 90 TIMBEREDGE BLOCK
- 06 20 13.C4 35MM REVEALS TO WINDOW - CUT TO FIT ON SITE
- 06 20 13.C5 REMOVABLE 140 X 25MM TIMBER REVEAL SCREW FIXED, WITH 5 X 5 DRIP GROOVE.
- 06 20 13.C6 REMOVABLE 18 X 60MM TIMBER FACING FIXED TO REMOVABLE WEATHERBOARD PANELS
- 06 20 13.C7 REMOVABLE 160 X 25MM TIMBER REVEAL SCREW FIXED, 20MM COVER TO CLADDING PANEL
- 06 20 13.C8 REMOVABLE 190 X 25MM TIMBER SILL
- 06 20 13.C9 REMOVABLE 18 X 130MM TIMBER FACING FIXED TO REMOVABLE WEATHERBOARD PANELS
- 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
- 06 26 40.A1 83X12MM TOUNGE AND GROOVE RIMU BOARDS NAIL FIXED THROUGH TOUNGE TO METAL BATTEN
- 06 40 23.A2 135X19MM WHITEWASHED TONGUE & GROOVE PROFILE VERTICAL TIMBER BOARD ON 45X25 TIMBER BATTENS
- 06 40 23.A6 REMOVABLE COVER BOARD SCREW FIXED OVER MODULE JOIN
- 06 40 23.B1 135X19MM WHITEWASHED TONGUE & GROOVE PROFILE PINE TIMBER BOARD TO CEILING ALIGNED TO DIRECTION INDICATED
- 06 40 23.B3 30X6 TIMBER TRIM TO WALL CEILING JUNCTION
- 06 40 23.B11 60 X 18 WHITEWASHED PINE ARCHITRAVES TO WINDOWS IN LIVING SPACES
- 07 21 16.A1 WOOL INSULATION BATT
- 07 26 00.A1 PROCLIMA VAPOUR CHECK MEMBRANE
- 07 58 00.A1 BUTYNOL ROOFING MEMBRANE ON PLYWOOD SUBSTRATE. 1.5" FALL TO ROOF.
- 07 62 00.A3 FLEXIBLE BITUMOUS HEAD FLASHING
- 07 62 00.A4 FACTORY PAINTED STEEL BACK FLASHING, SEAL TO WINDOW FRAME
- 07 62 00.A7 FACTORY PAINTED STEEL SILL FLASHING. SEAL TO WINDOW FRAME
- 07 62 00.B2 METAL PARAPET CAP FLASHING 5" FALL WITH CONTINUOUS CLIP FIXING
- 08 52 00.A2 FIXED TIMBER WINDOW, 36MM TRIPPLE GLAZED 'ECOWINDOWS' STANDARD FIXED PROFILE
- 08 52 00.A4 TOP HINGED TIMBER WINDOW, 36MM TRIPPLE GLAZED 'ECOWINDOWS' STANDARD FIXED PROFILE
- 08 52 00.G1 BRUSH ATTACHED TO INSIDE OF JAMB TO PREVENT AIR FLOW AROUND BLIND WHEN PULLED DOWN
- 12 21 00.A2 CONCEALED WINDOW ROLLER BLIND
- 12 21 00.A3 CUT PLASTIC PIPE FIXED TO 45 X 45MM TIMBERS TO CONTAIN INSULATION WITHIN WALL. 118MM DIA NOTCH TO PLYWOOD GUSSET AT EACH END TO ALLOW FOR ROLLER BLIND.
- 12 21 00.A5 27 X 16MM RECTANGULAR BOTTOM PROFILE TO BLIND. COLOUR WHITE - WITH BRUSH INSTALLED TO LOWER EDGE

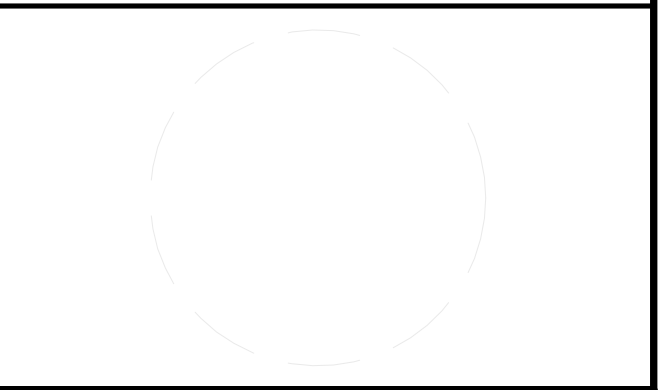
SHEET KEYNOTES

- 10 TIMBER BLOCKING WHERE REQUIRED
- 27 ALUMINIUM LOCKING CHANNEL. SEE SPECIFICATION FOR MORE DETAIL.
- 31 INSTALL 2 X PF RODS BETWEEN MODULE JOINTS
- 110 12MM PLYWOOD SHEETS LAID VERTICALLY WITH PROPRIETY 'H' FLASHING AT HORIZONTAL JOINT. FLASHING TAPE TO ALL PLYWOOD VERTICAL JOINS
- 116 INSTALL HEAVY DUTY FLASHING TAPE OVER MODULE JOINT
- 439 BLIND ROLLS OUT WITHIN CAVITY SPACE
- 440 REMOVABLE WALL PANEL TO ALLOW MAINTENANCE ACCESS TO BLIND. SCREW FIXED ON SITE AND DOWELLED
- 441 ROLLER BLIND PULLS DOWN INSIDE CAVITY - OVERLAPS WINDOW FRAME 25MM EITHER SIDE
- 505 INSTALL HEAVY DUTY FLASHING TAPE OVER HEAD FLASHINGS



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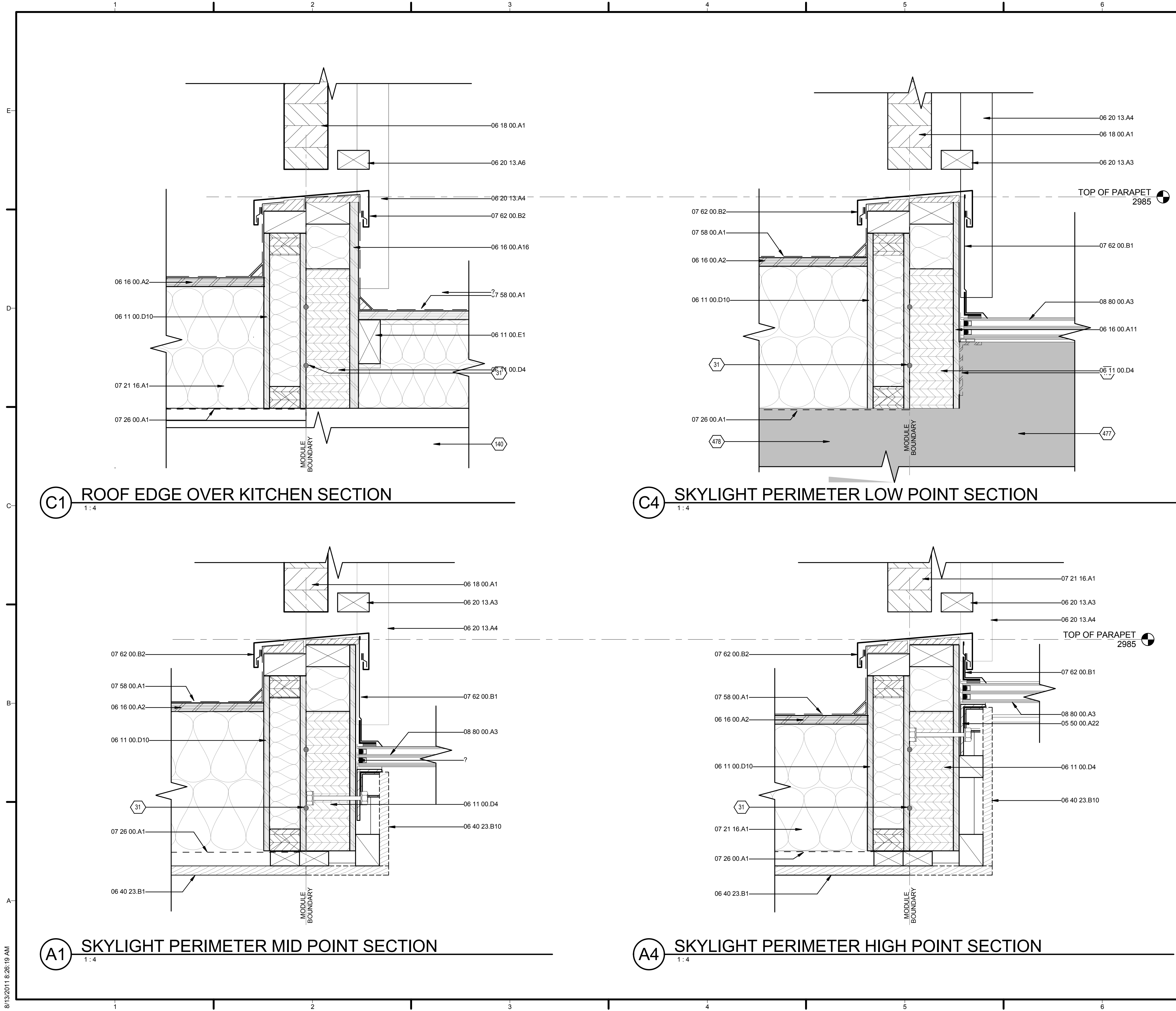


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SHEET TITLE
FIXED & HINGED WINDOW DETAILS

A-531



C1 ROOF EDGE OVER KITCHEN SECTION
1:4

C4 SKYLIGHT PERIMETER LOW POINT SECTION
1:4

A1 SKYLIGHT PERIMETER MID POINT SECTION
1:4

A4 SKYLIGHT PERIMETER HIGH POINT SECTION
1:4


GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 50 00.A22 45X 110 X 6MM MS ANGLE FRAMES (3 UNITS) SCREW FIXED AT 300MM CENTRES (DRILL HOLES AT 200MM CENTRES) TO LVL BEAM
- 06 11 00.D4 287 X 93 CONTINUOUS LVL BEAM
- 06 11 00.D10 360X87MM PLYWOOD BOXBEAM: 63X45MM LVL TOP AND BOTTOM CHORDS, 63X100MM LVL STIFFENERS @ 1200MM CENTRES, 12MM PLYWOOD WEBS
- 06 11 00.E1 90 X 45MM TIMBER
- 06 16 00.A2 18MM PLYWOOD
- 06 16 00.A3 21MM PLYWOOD
- 06 16 00.A11 12MM PLYWOOD LINING, TREATED AND PAINTED
- 06 16 00.A16 FORM 12MM PLYWOOD ROOF UPSTAND WITH SOLID TIMBER BLOCKING AND APPLY WPM. ASSEMBLY IS PRE-MEMBRANED AND SLOTTED OVER LVL BEAM ON SITE.
- 06 18 00.A1 318X90MM GLUE-LAMINATED TIMBER BEAM SPANNING BETWEEN COLUMNS, TAPERING TO 135X90 @ CANTILEVERED ENDS. REFER FABRICATION DRAWINGS.
- 06 20 13.A3 60X45MM HORIZONTAL CEDAR SUPPORT BATTEN AT 562 MAX CENTRES
- 06 20 13.A4 75X19MM VERTICAL CEDAR SLATS AT 100MM CENTRES FIXED TO 65X45MM HORIZONTAL BATTENS
- 06 20 13.A6 65X39MM HORIZONTAL CEDAR BATTEN (NOTCHED)
- 06 40 23.B1 135X19MM WHITEWASHED TONGUE & GROOVE PROFILE PINE TIMBER BOARD TO CEILING ALIGNED TO DIRECTION INDICATED
- 06 40 23.B10 REMOVABLE TIMBER FACING CUT TO FALL OF SKYLIGHT
- 07 21 16.A1 WOOL INSULATION BATTS
- 07 26 00.A1 PROCLIMA VAPOUR CHECK MEMBRANE
- 07 58 00.A1 BUTYNOL ROOFING MEMBRANE ON PLYWOOD SUBSTRATE. 1.5" FALL TO ROOF.
- 07 62 00.B1 REMOVABLE FACTORY PAINTED FLASHING. TAPERED TO SKYLIGHT FALL.
- 07 62 00.B2 METAL PARAPET CAP FLASHING 5" FALL WITH CONTINUOUS CLIP FIXING
- 08 80 00.A3 TRIPPLE GLAZED THREE PART CUSTOM SKYLIGHT STRUCTUALLY SEALED TO MS ANGLE FRAMES. 42MM, 3" FALL

SHEET KEYNOTES

- 31 INSTALL 2 X PF RODS BETWEEN MODULE JOINTS
- 140 SERVICES BULKHEAD
- 477 SECTION CUTS THROUGH TIMBER FRAMING AND BI-FOLD SECTION - NOT SHOWN FOR CLARITY
- 478 SECTION CUTS THROUGH INSULATED TIMBER WALL - NOT SHOWN FOR CLARITY
- 479 WELDED ANGLE FRAME TO SKYLIGHT OCCURS TO INSIDE EDGE OF LINTEL (SHOWN DOTTED BEHIND)




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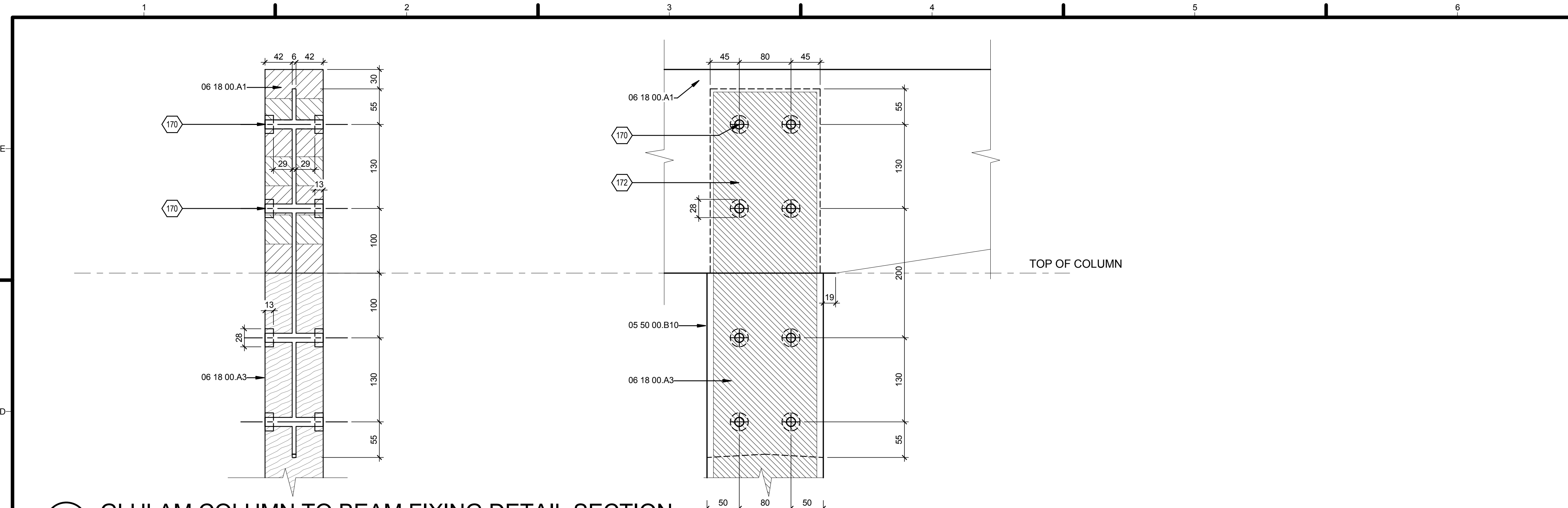
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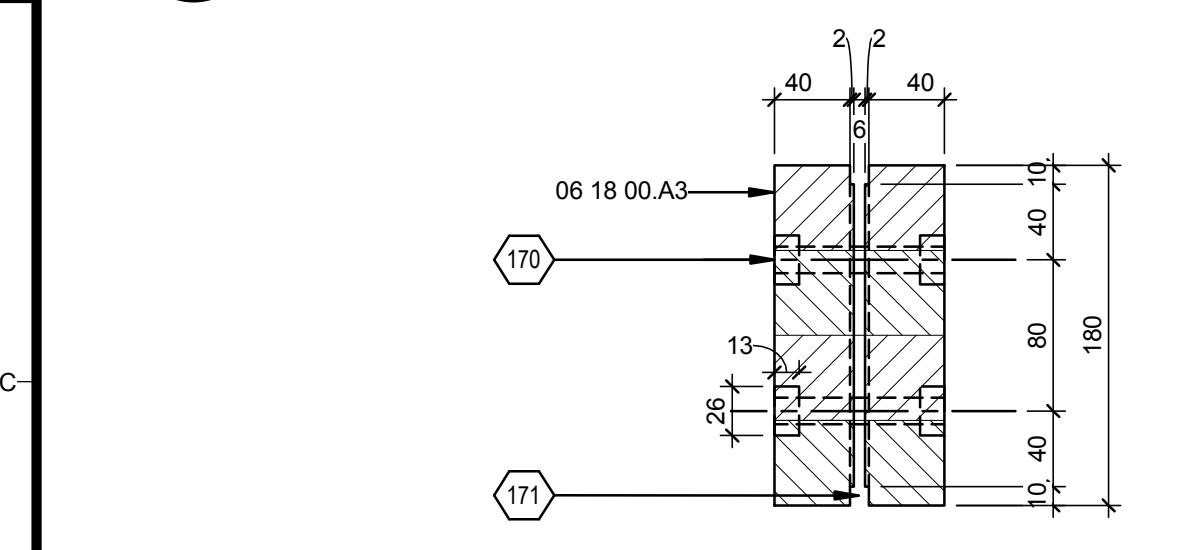
SHEET TITLE

SKYLIGHT JAMB DETAILS

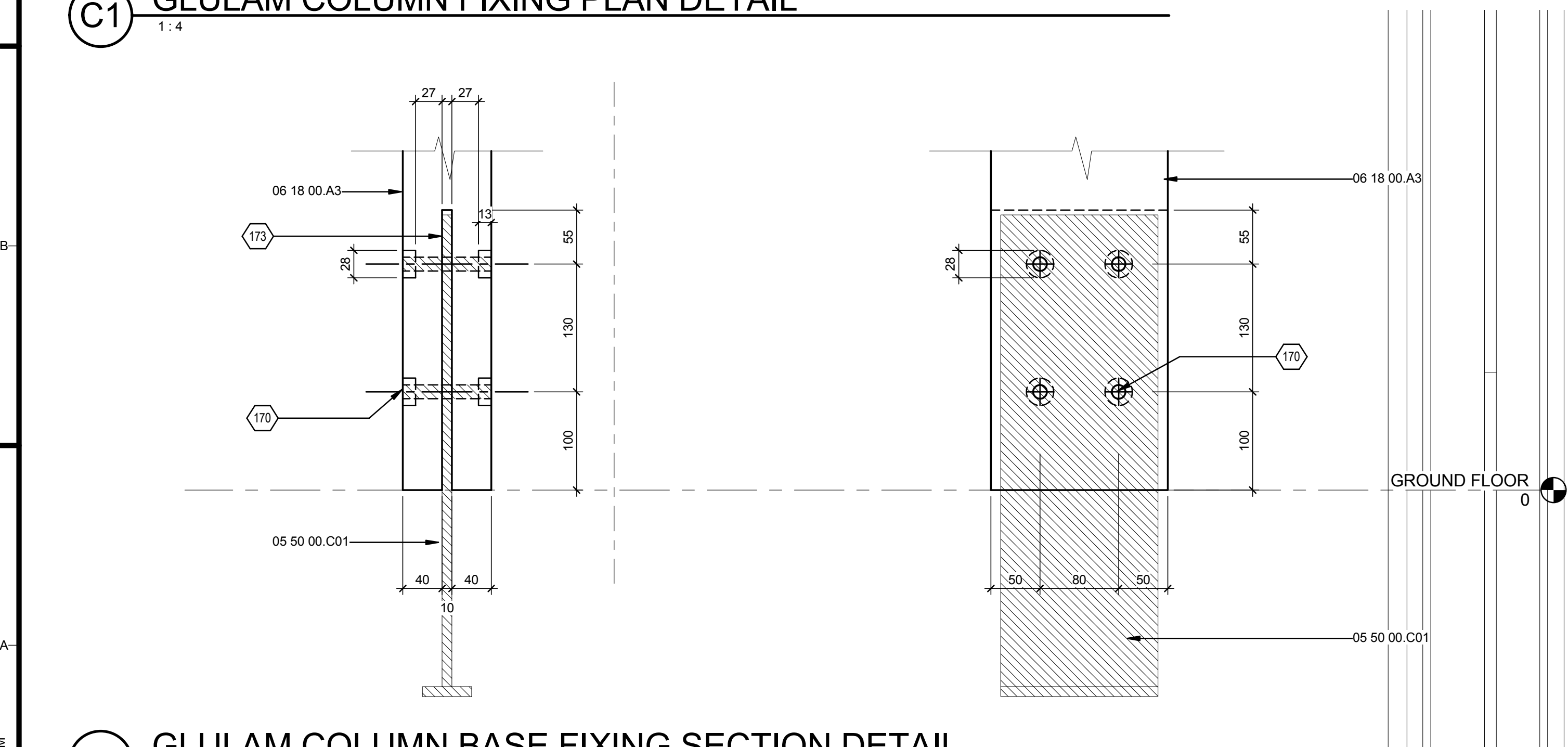
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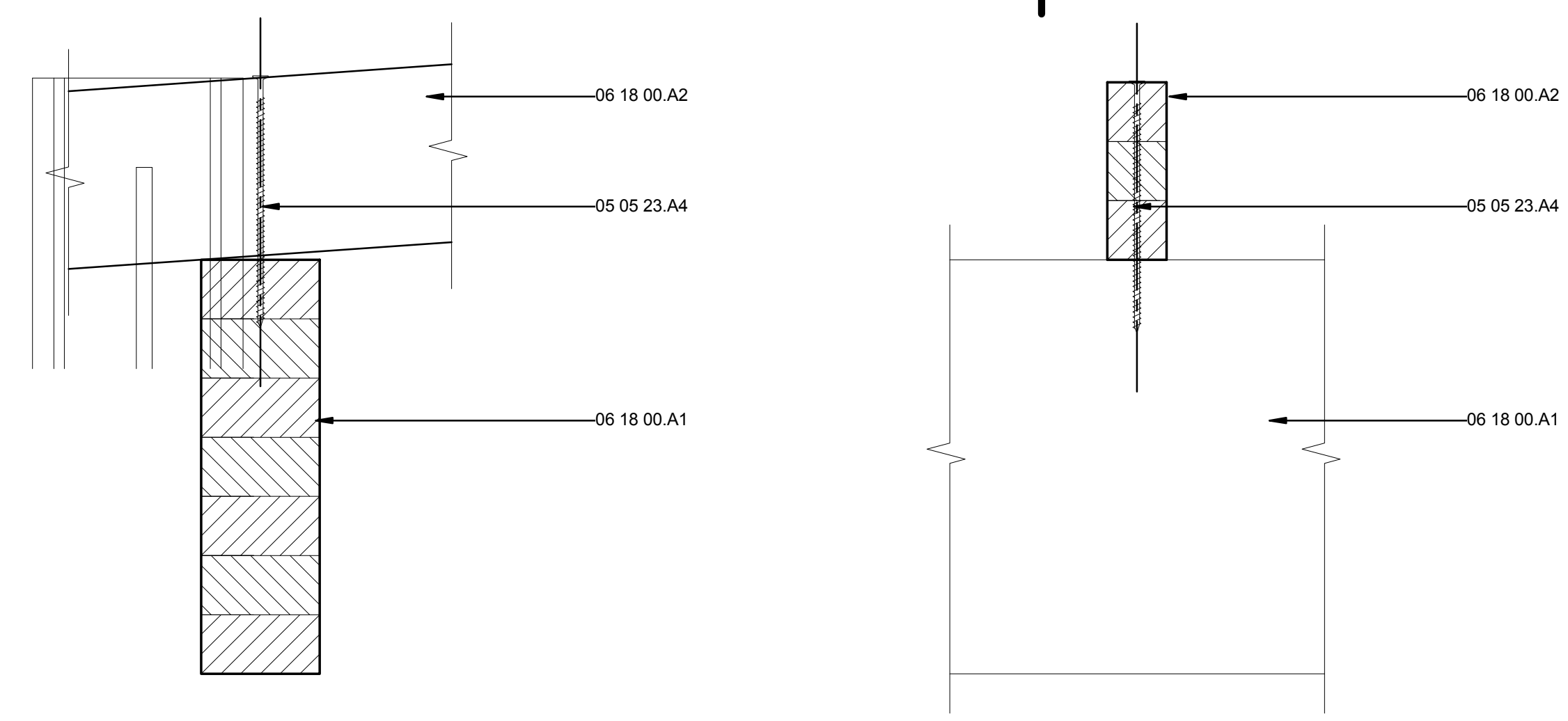
(D1) GLULAM COLUMN TO BEAM FIXING DETAIL SECTION
1:4



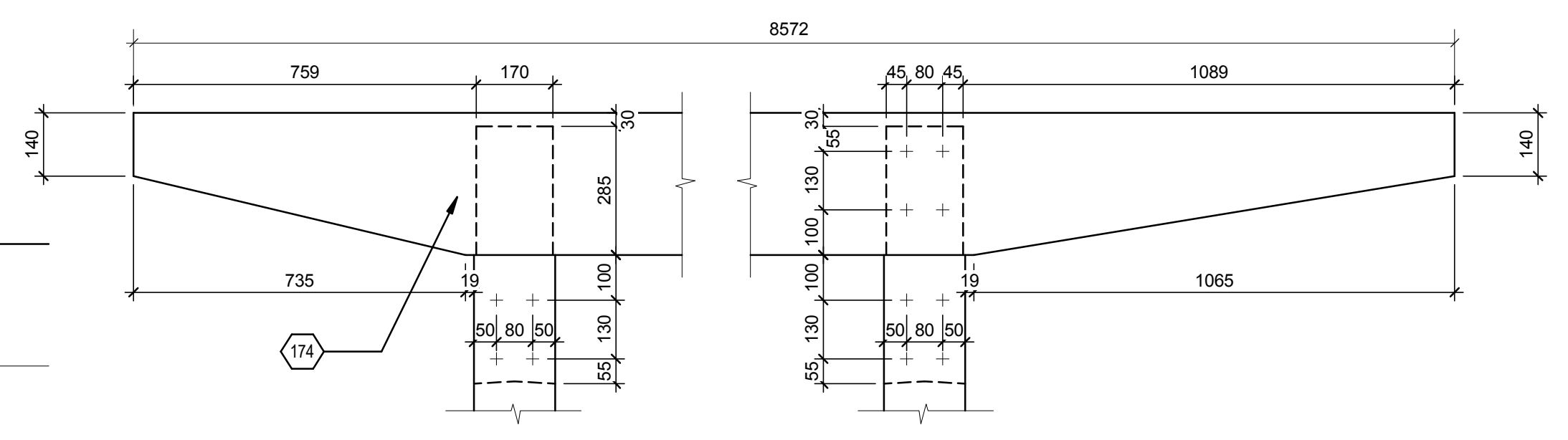
(C1) GLULAM COLUMN FIXING PLAN DETAIL
1:4



(A1) GLULAM COLUMN BASE FIXING SECTION DETAIL
1:4



(B5) GLULAM RAFTER TO BEAM FIXING DETAIL SECTION
1:4



(A5) GLULAM BEAM FIXING LOCATIONS - ELEVATION
1:12

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 05 23.A4 1 NO. 10MM DIAMETER X 220MM SPAX SCREW - CSK HEAD
- 05 50 00.B10 6MM STAINLESS STEEL PLATE
- 05 50 00.C01 10MM STEEL FOUNDATION PLATE
- 06 18 00.A1 318X90MM GLUE-LAMINATED TIMBER BEAM SPANNING BETWEEN COLUMNS, TAPERING TO 135X90 @ CANTILEVERED ENDS. REFER FABRICATION DRAWINGS.
- 06 18 00.A2 135X42MM GLULAM GL8 RAFTERS AT 750MM NOM. CENTRES SPANNING FULL LENGTH OF CANOPY. TAPERING TO 70X42MM @ CANTILEVERED END. REFER FABRICATION DRAWINGS.
- 06 18 00.A3 90X180MM GLULAM GL10 COLUMN. REFER FABRICATION DRAWINGS.

SHEET KEYNOTES

- 170 14MMØ HOLES FOR M12 STAINLESS STEEL HEXHEAD BOLTS. RECESSED TO SUIT BOLT DIMENSION - 28MM DIAMETER X 13MM RECESS
- 171 SLOT CUT FOR 6MM S/S PLATE AT TOP OF COLUMN, 10X10MM REBATE TO EDGE. SLOT CUT FOR 10MM STEEL FOUNDATION PLATE AT BASE OF COLUMN
- 172 IMPORTANT: NOTCH FOR STEEL BOLTS ONLY AT ONE END OF BEAM. SEE BEAM ELEVATION
- 173 10MM SLOT CUT FULL WIDTH THROUGH COLUMN
- 174 IMPORTANT: NOTCH FOR STEEL PLATE ONLY AT THIS SIDE OF BEAM - NO BOLT HOLES



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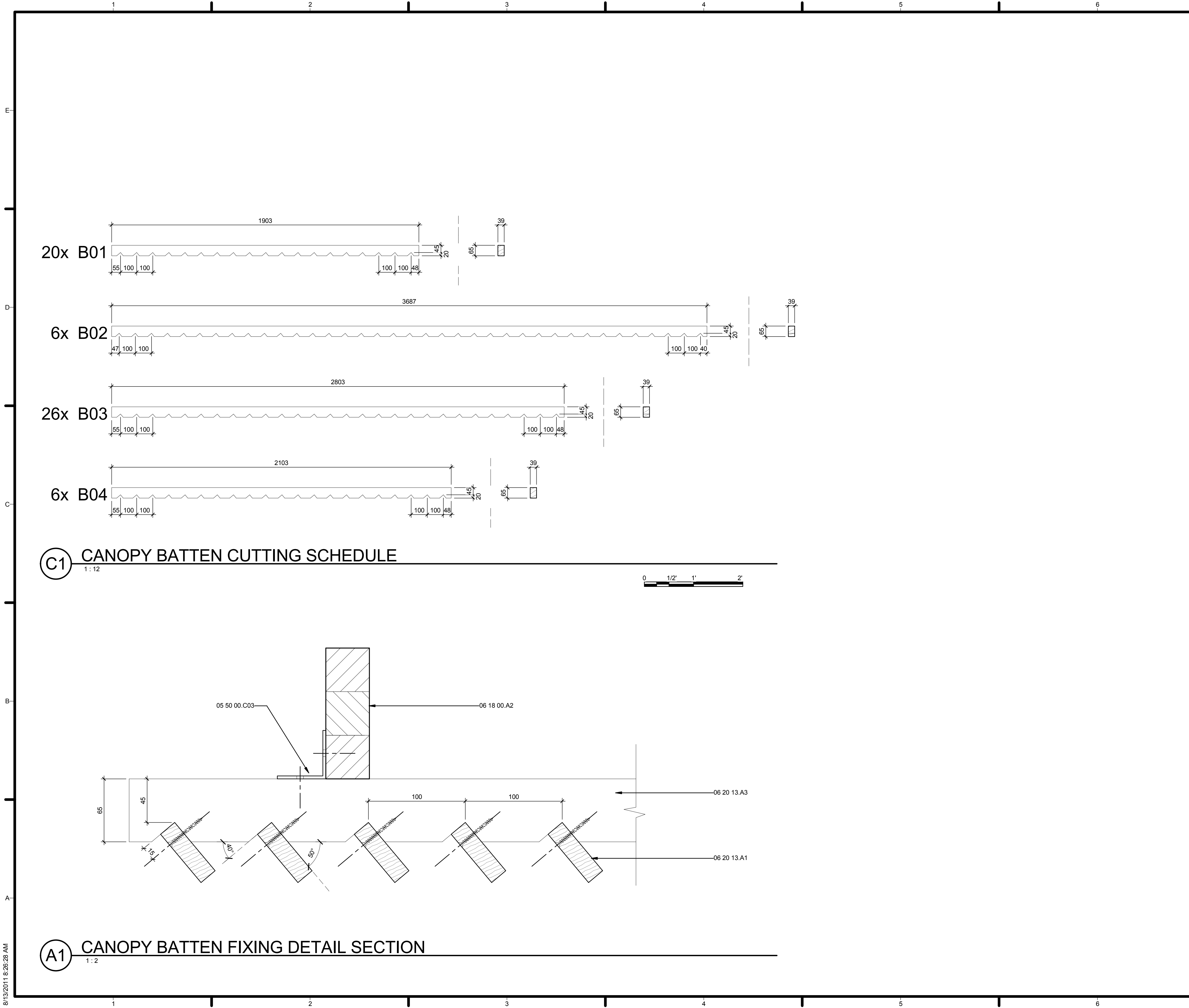
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SHEET TITLE
GLULAM FIXING DETAILS

A-581



C1 CANOPY BATTEN CUTTING SCHEDULE
1:12

A1 CANOPY BATTEN FIXING DETAIL SECTION
1:2

GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 50 00.C03 50 X 50 X 3MM STAINLESS STEEL ANGLE BRACKET (40MM WIDTH). ENGINEER TO SPECIFY FIXINGS
 06 18 00.A2 135X42MM GLULAM CL8 RAFTERS AT 750MM NOM. CENTRES SPANNING FULL LENGTH OF CANOPY, TAPERING TO 70X42MM @ CANTILEVERED END. REFER FABRICATION DRAWINGS.
 06 20 13.A1 65X19MM CEDAR SLATS @100MM CENTRES.
 06 20 13.A3 60X45MM HORIZONTAL CEDAR SUPPORT BATTEN AT 562 MAX CENTRES

SHEET KEYNOTES

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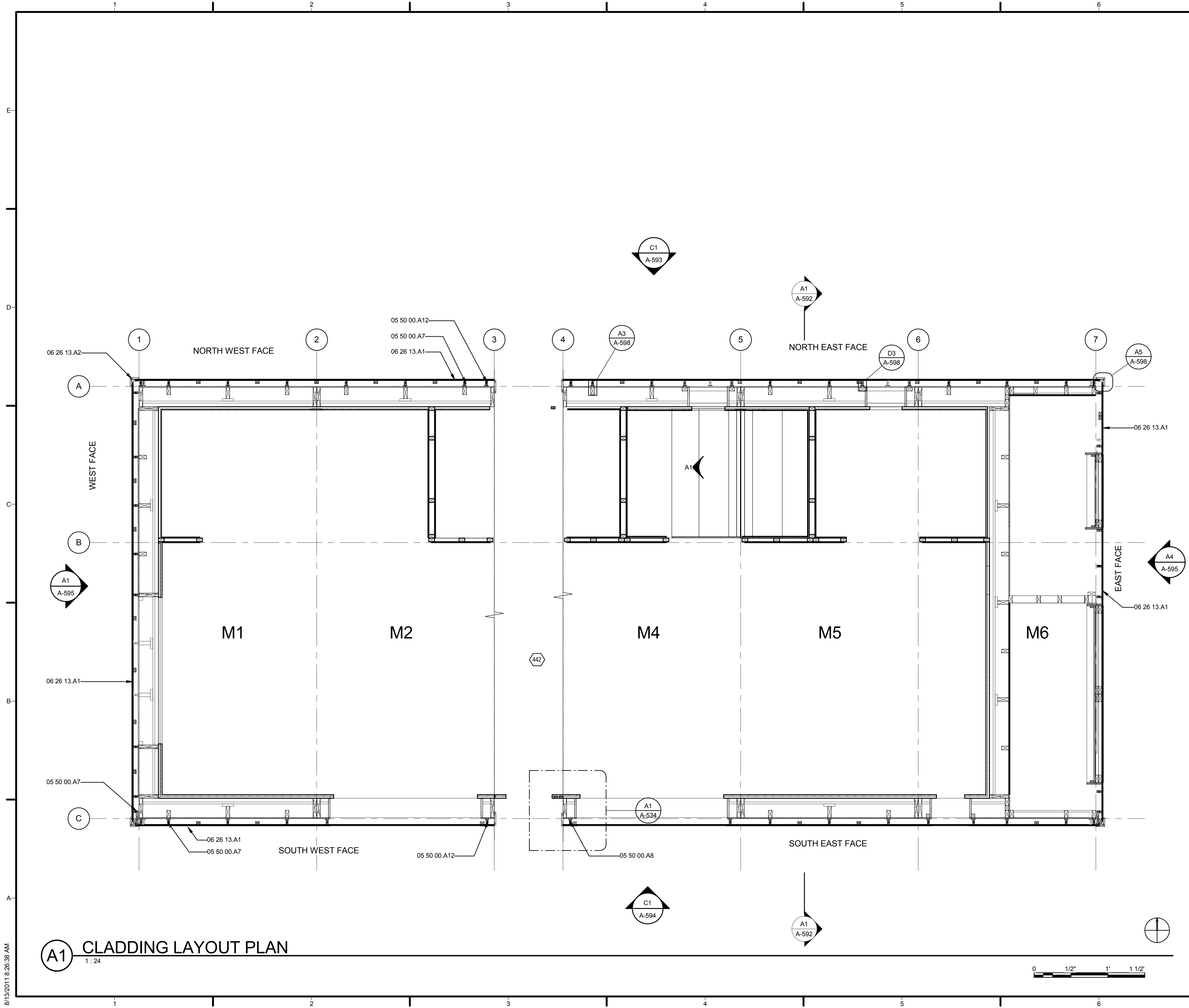
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SHEET TITLE
CANOPY BATTENS

A-582

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

05 50 00.A7 CLADDING WALL CHANNEL TYPE C01
 05 50 00.A8 CLADDING WALL CHANNEL TYPE C01A
 05 50 00.A12 CLADDING WALL CHANNEL TYPE C06
 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY. FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
 06 26 13.A2 PRE-FORMED EXTERNAL CEDAR CORNER COVERBOARD SECURED TO CLADDING BY STEEL SPRING CLIP AND SCREW FIXING

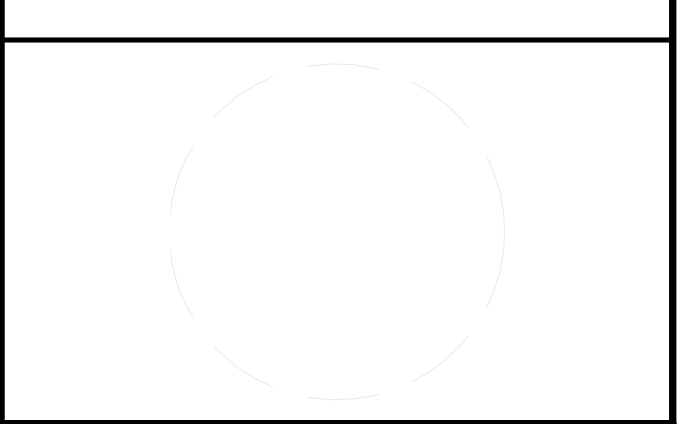
SHEET KEYNOTES

442 MODULE 3 OMITTED FOR CLARITY



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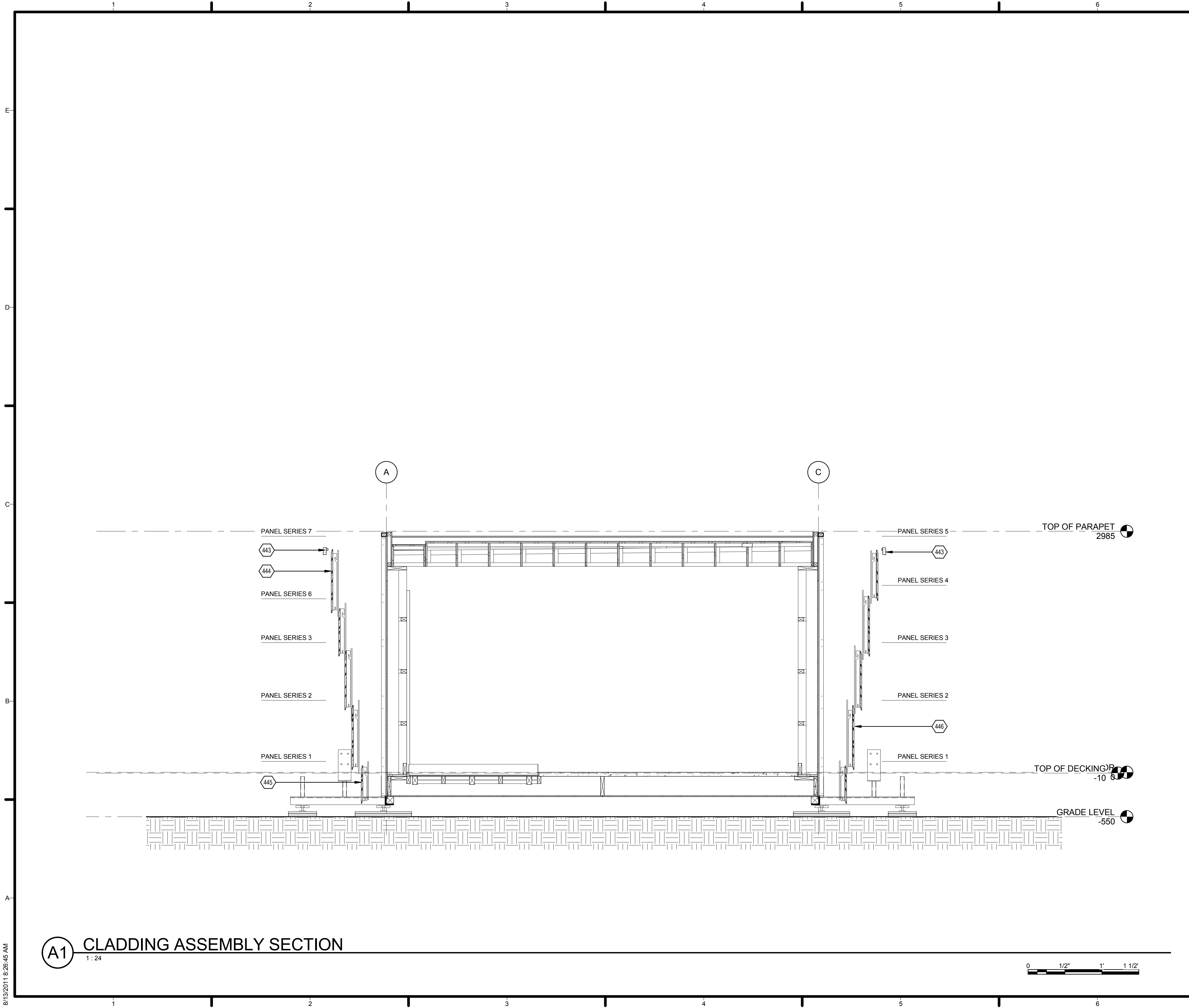
SHEET TITLE
CLADDING LAYOUT PLAN

A-591

A1 CLADDING LAYOUT PLAN
 1:24



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GENERAL SHEET NOTES

SHEET KEYNOTES

- 443 PARAPET COVERBOARD FIXED IN PLACE AFTER PANEL INSTALLATION TO SECURE TOP PANEL AND PREVENT UPLIFT. PARAPET FLASHING TO BE FIXED OVER COVERBOARD
- 444 NORTH EAST FACE OF BUILDING INCORPORATES PANEL SERIES 6 & 7 ON TOP TWO LAYERS TO ACCOMMODATE WINDOWS
- 445 CLADDING PANELS ASSEMBLED ON SITE FROM BOTTOM TO TOP, WITH EACH SUBSEQUENT PANEL PLACED OVER THE ONE BELOW, CREATING A SEAMLESS WEATHERBOARD CLADDING
- 446 PANEL SERIES 1 THROUGH 5 USED ON ALL WALLS EXCEPT NORTH EAST FACE

REFERENCE KEYNOTES




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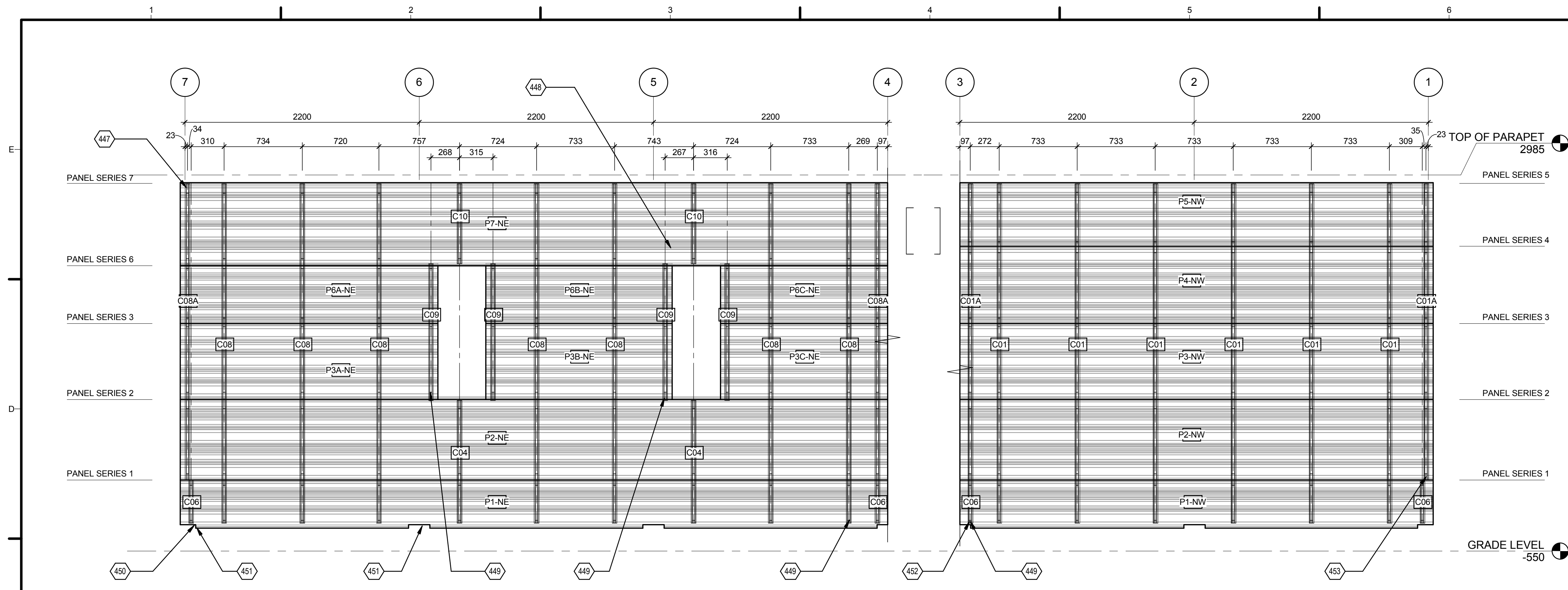
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SHEET TITLE
CLADDING ASSEMBLY SECTION

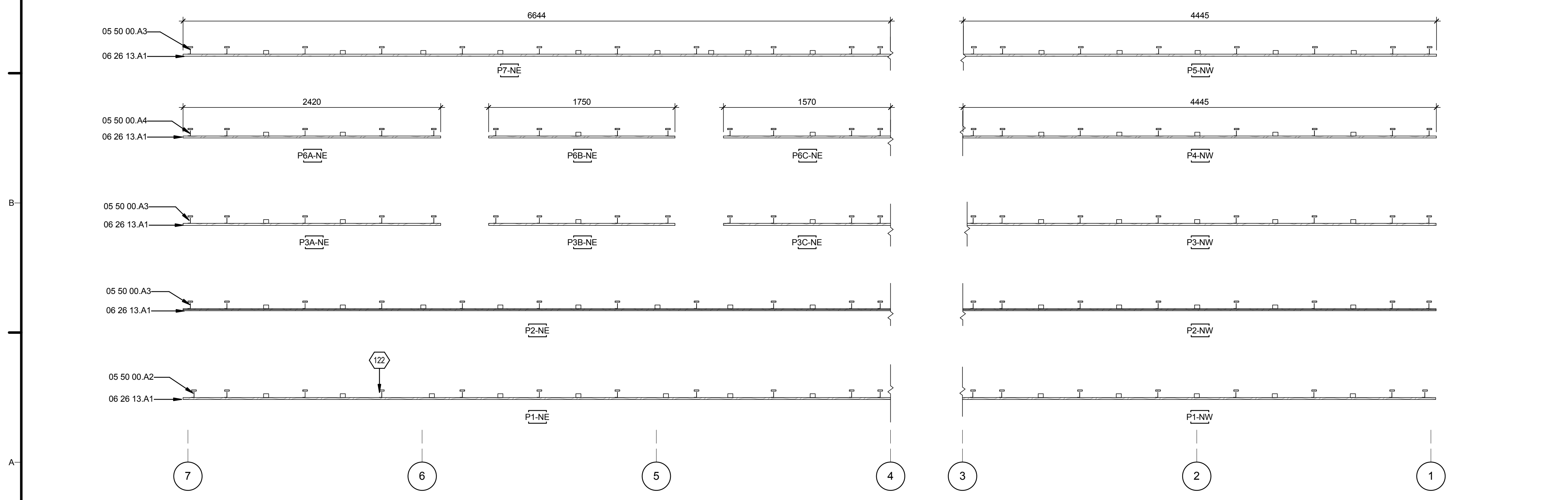
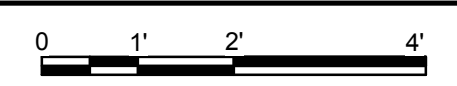
A-592

A1 CLADDING ASSEMBLY SECTION
 1:24

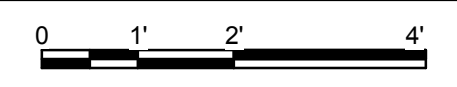
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C1 CLADDING PANEL LAYOUT NORTH ELEVATION
1:24



A1 CLADDING PANEL TYPE PLAN NORTH ELEVATION
1:24



GENERAL SHEET NOTES

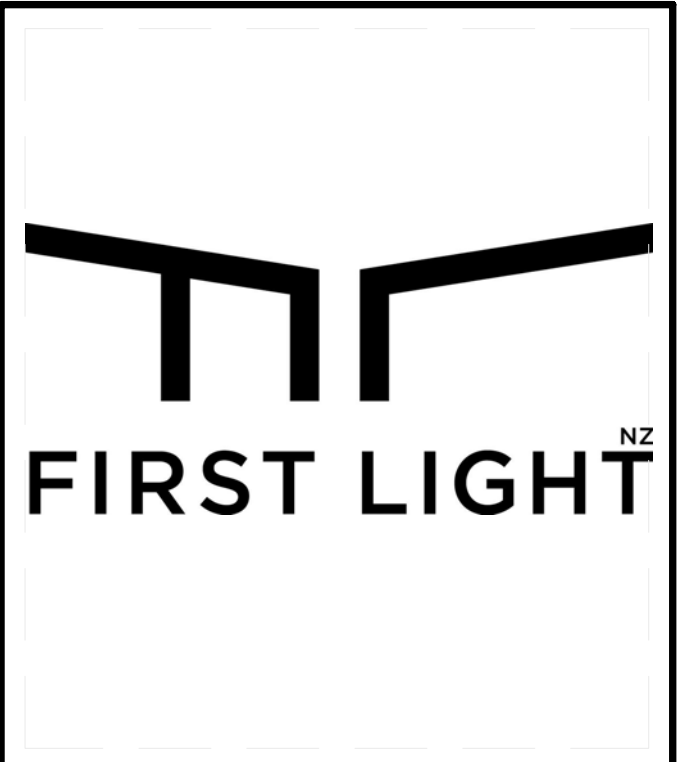
CLADDING PANEL LENGTHS SPECIFIED TO ALLOW EXPANSION GAP AT BUILDING CORNERS & WINDOW EDGE
ALUMINIUM WALL CHANNELS FIXED TO WALL STRUCTURE

REFERENCE KEYNOTES

- 05 50 00.A2 63.5X31.75X4.763MM UA ALUMINIUM CHANNEL
- 05 50 00.A3 50.8X34.92X3.175MM UA ALUMINIUM CHANNEL
- 05 50 00.A4 550MM ALUMINIUM PANEL BACKER
- 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.

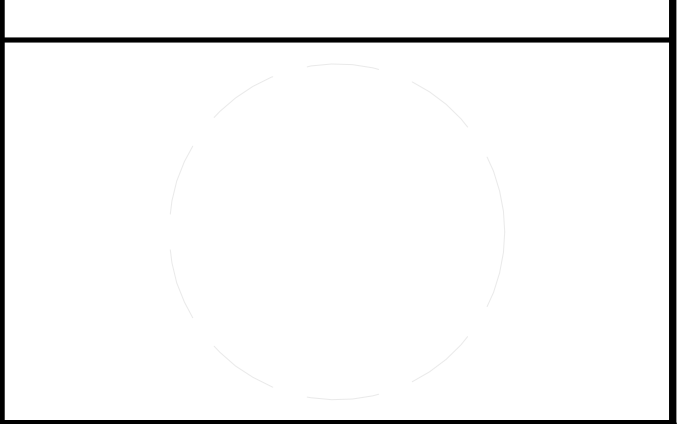
SHEET KEYNOTES

- 122 ALL ALUMINIUM PANELS BACKERS TO LINE UP WITH WALL CHANNELS
- 447 CENTRE OF ALUMINIUM WALL CHANNELS INDICATED BY DIMENSIONS FROM GRIDLINES
- 448 CENTRE SECTION OF C10 CHANNELS CUT ON SITE TO ALLOW FOR DOWNPIPES
- 449 THESE ALUMINIUM WALL CHANNELS HAVE PLASTIC LOCKING INSERTS INSTALLED ON ALL ALUMINIUM RODS
- 450 END CHANNEL OFFSET TO AVOID CONFLICT WITH FOUNDATION SYSTEM
- 451 BOTTOM WEATHER BOARD OF PANEL SERIES 1 NOTCHED AS REQUIRED TO FIT AROUND FOUNDATION SYSTEM
- 452 C06 ALUMINIUM WALL CHANNELS TO BE REMOVABLE TO FACILITATE MODULE ASSEMBLY
- 453 END CHANNEL OFFSET TO AVOID CONFLICT WITH FOUNDATION SYSTEM



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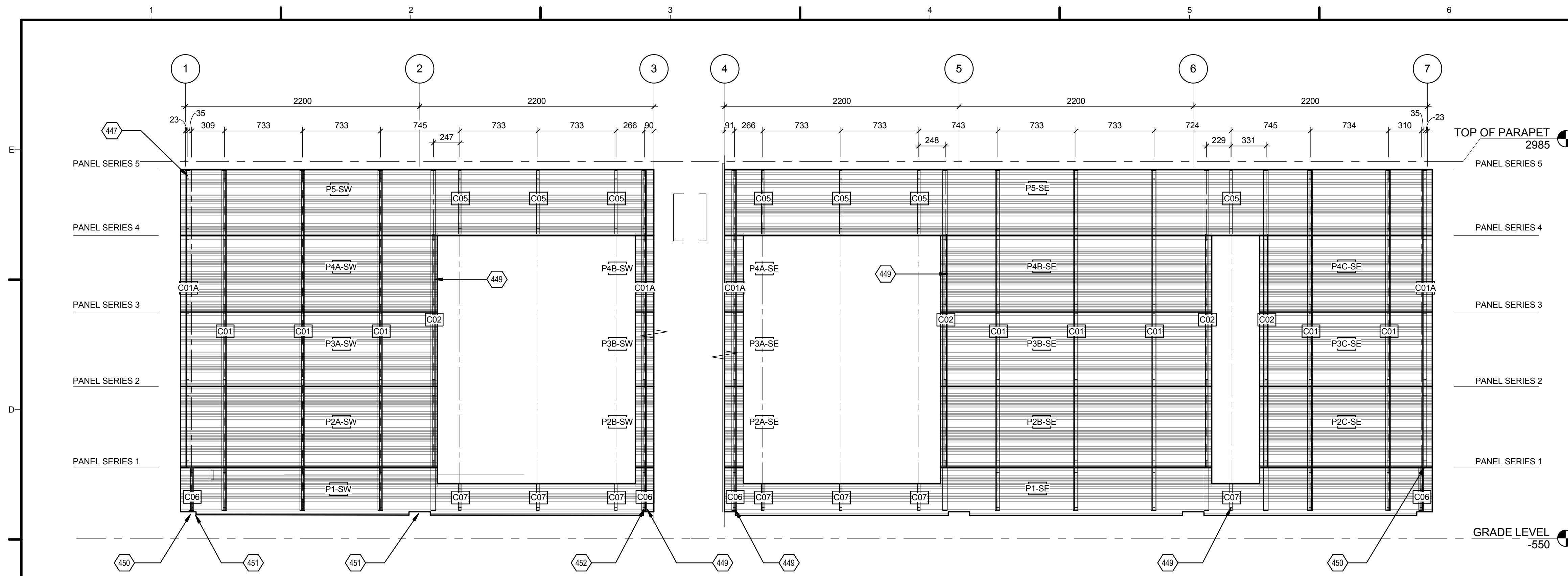
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SHEET TITLE
CLADDING PANEL LAYOUT NORTH ELEVATION

A-593



GENERAL SHEET NOTES

CLADDING PANEL LENGTHS SPECIFIED TO ALLOW EXPANSION GAP AT BUILDING CORNERS & WINDOW EDGE
ALUMINIUM WALL CHANNELS FIXED TO WALL STRUCTURE

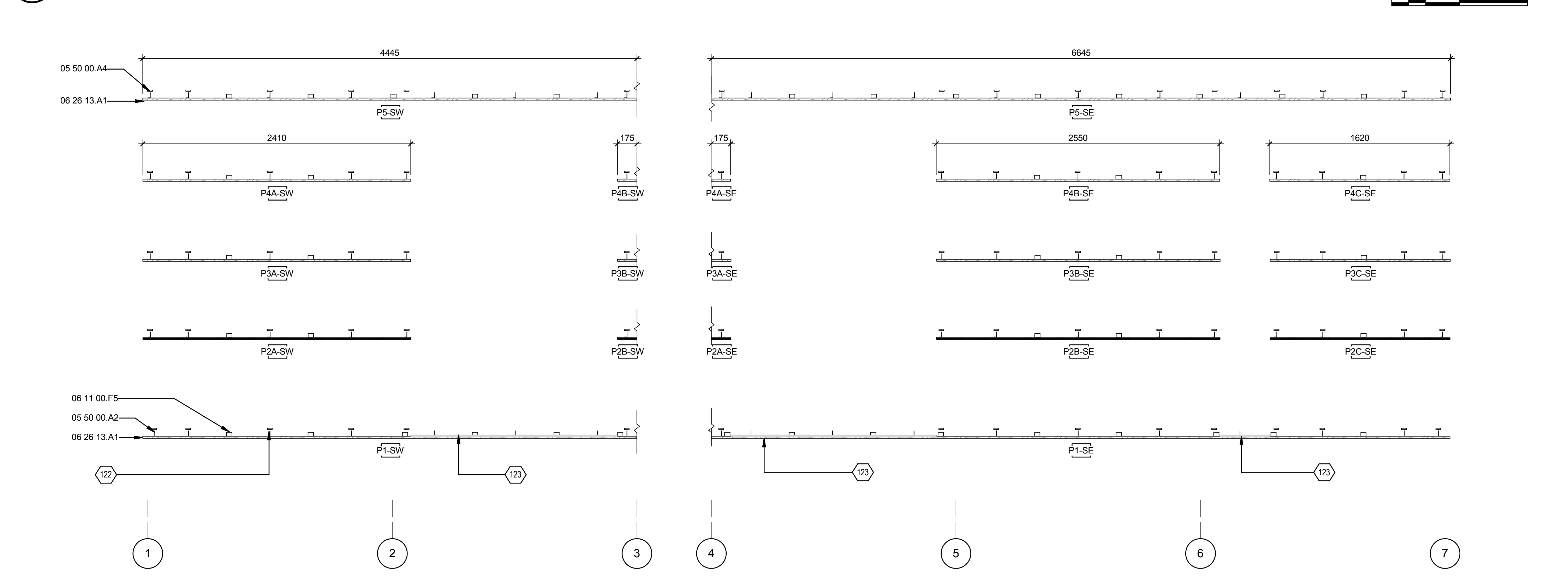
REFERENCE KEYNOTES

05 50 00.A2	63.5X31.75X4.763MM UA ALUMINIUM CHANNEL
05 50 00.A4	550MM ALUMINIUM PANEL BACKER
06 11 00.F5	35X25MM INTERMEDIATE TIMBER PANEL BACKER
06 26 13.A1	PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.



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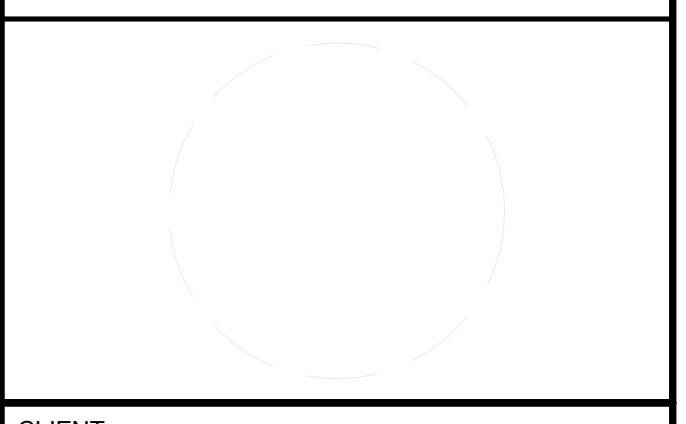
C1 CLADDING PANEL LAYOUT SOUTH ELEVATION



A1 CLADDING PANEL TYPE PLAN SOUTH ELEVATION

SHEET KEYNOTES

122	ALL ALUMINIUM PANELS BACKERS TO LINE UP WITH WALL CHANNELS
123	TOP WEATHERBOARD REMOVED AT WINDOW EDGE. ALUMINIUM ANGLE REDUCED FROM 425MM TO 260MM IN GREYED SECTION
447	CENTRE OF ALUMINIUM WALL CHANNELS INDICATED BY DIMENSIONS FROM GRIDLINES
449	THESE ALUMINIUM WALL CHANNELS HAVE PLASTIC LOCKING INSERTS INSTALLED ON ALL ALUMINIUM RODS
450	END CHANNEL OFFSET TO AVOID CONFLICT WITH FOUNDATION SYSTEM
451	BOTTOM WEATHER BOARD OF PANEL SERIES 1 NOTCHED AS REQUIRED TO FIT AROUND FOUNDATION SYSTEM
452	C06 ALUMINIUM WALL CHANNELS TO BE REMOVABLE TO FACILITATE MODULE ASSEMBLY



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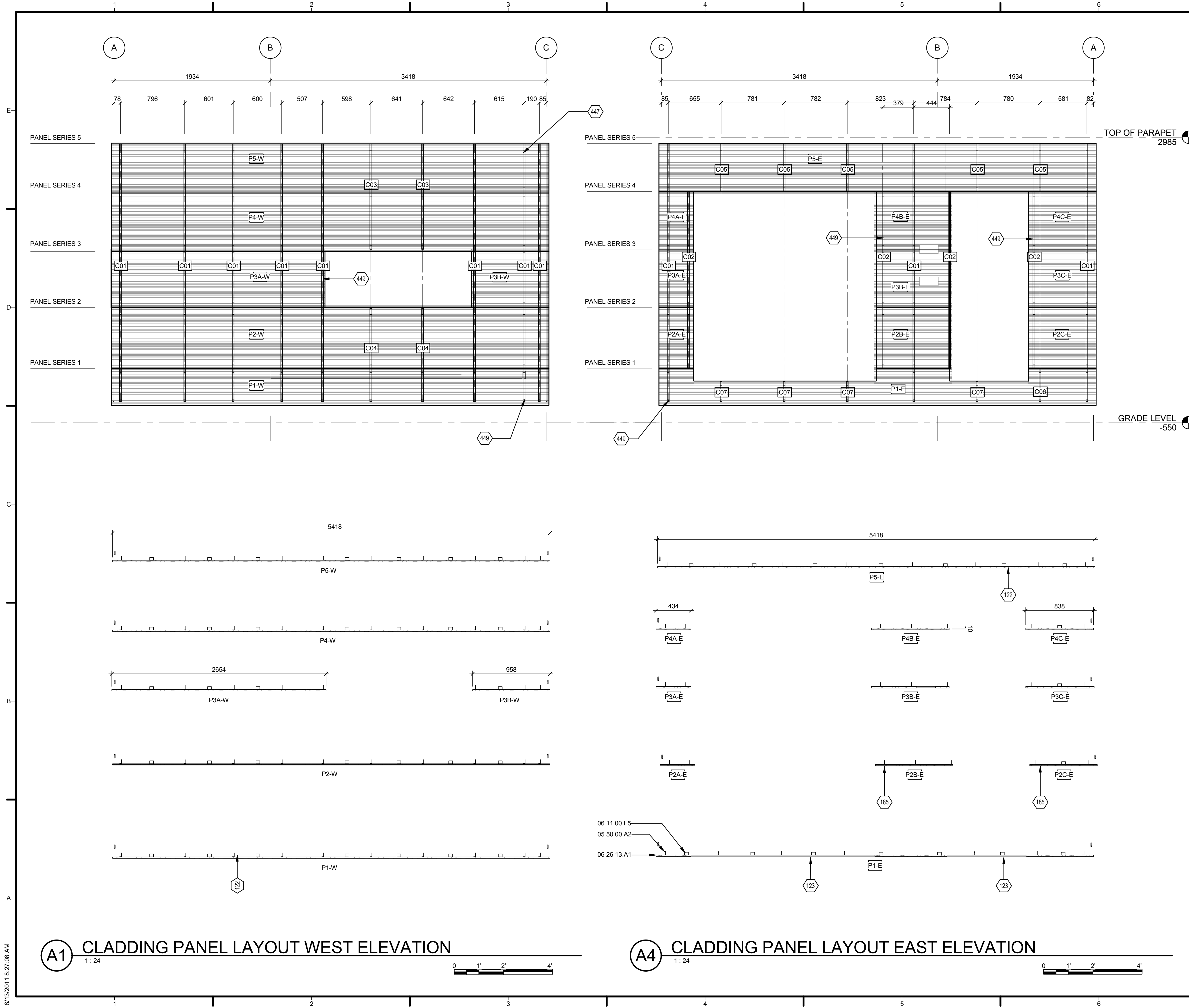
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SHEET TITLE
CLADDING PANEL LAYOUT SOUTH ELEVATION

A-594



GENERAL SHEET NOTES

CLADDING PANEL LENGTHS SPECIFIED TO ALLOW EXPANSION GAP AT BUILDING CORNERS & WINDOW EDGE
ALUMINIUM WALL CHANNELS FIXED TO WALL STRUCTURE

REFERENCE KEYNOTES

- 05 50 00.A2 63.5X31.75X4.763MM UA ALUMINIUM CHANNEL
- 06 11 00.F5 35X25MM INTERMEDIATE TIMBER PANEL BACKER
- 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY. FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.

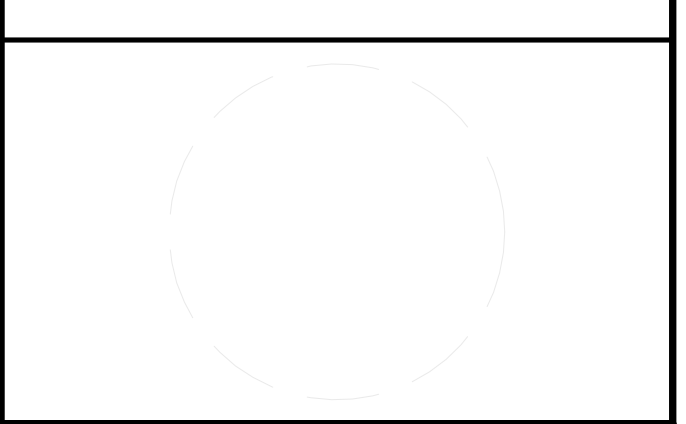
SHEET KEYNOTES

- 122 ALL ALUMINIUM PANELS BACKERS TO LINE UP WITH WALL CHANNELS
- 123 TOP WEATHERBOARD REMOVED AT WINDOW EDGE. ALUMINIUM ANGLE REDUCED FROM 425MM TO 260MM IN GREYED SECTION
- 185 TOP TWO WEATHERBOARDS REMOVED AT WINDOW EDGE. ALUMINIUM ANGLE REDUCED FROM 425MM TO 260MM IN GREYED SECTION
- 447 CENTRE OF ALUMINIUM WALL CHANNELS INDICATED BY DIMENSIONS FROM GRIDLINES
- 449 THESE ALUMINIUM WALL CHANNELS HAVE PLASTIC LOCKING INSERTS INSTALLED ON ALL ALUMINIUM RODS



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b	05-03-11	ALL CLADDING DRAWINGS REVISED TO REFLECT CHANGE IN CLADDING CHANNEL

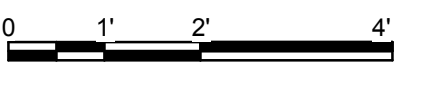
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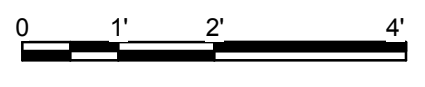
SHEET TITLE
CLADDING PANEL LAYOUT EAST & WEST ELEVATIONS

A-595

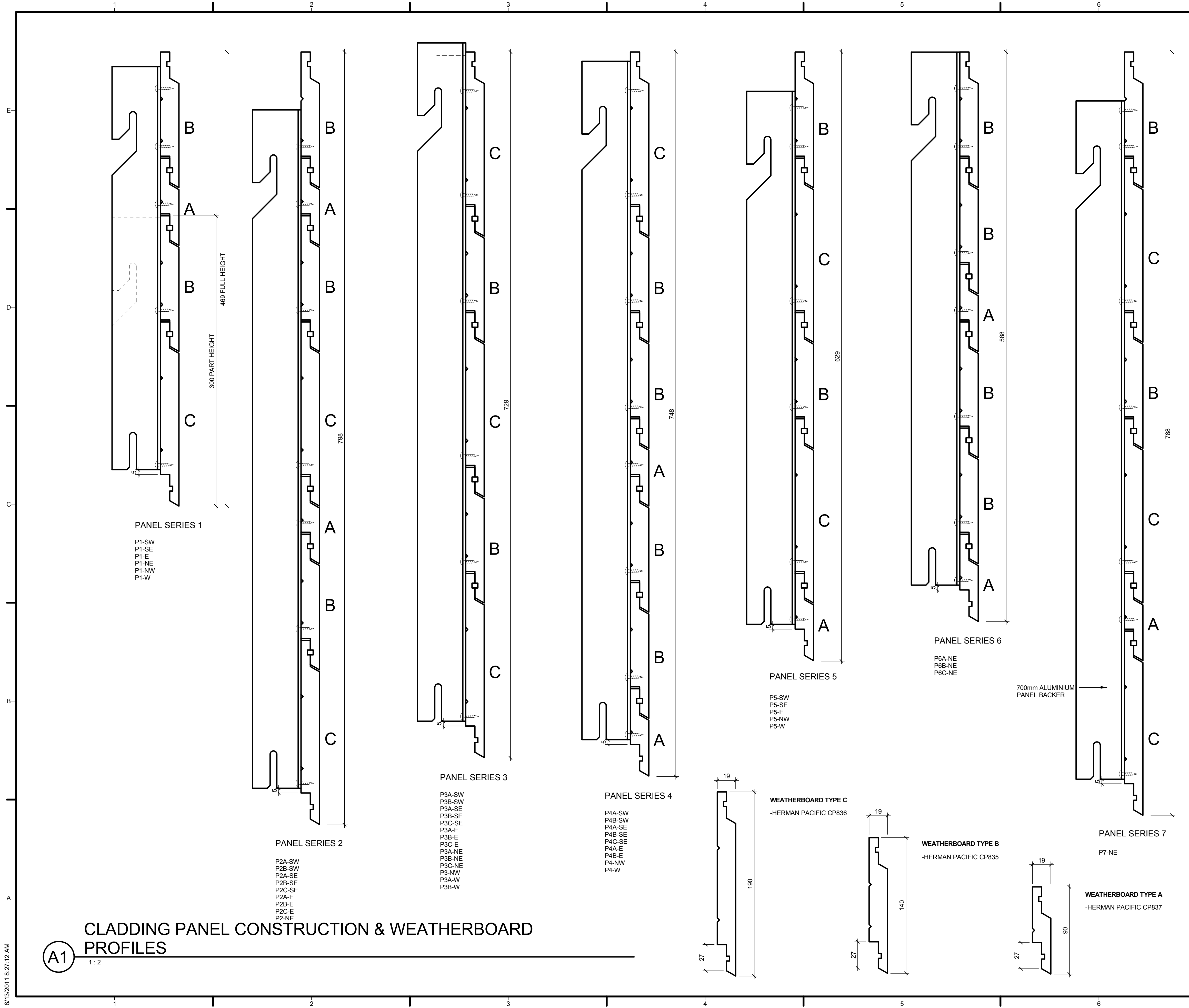
A1 CLADDING PANEL LAYOUT WEST ELEVATION



A4 CLADDING PANEL LAYOUT EAST ELEVATION



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GENERAL SHEET NOTES

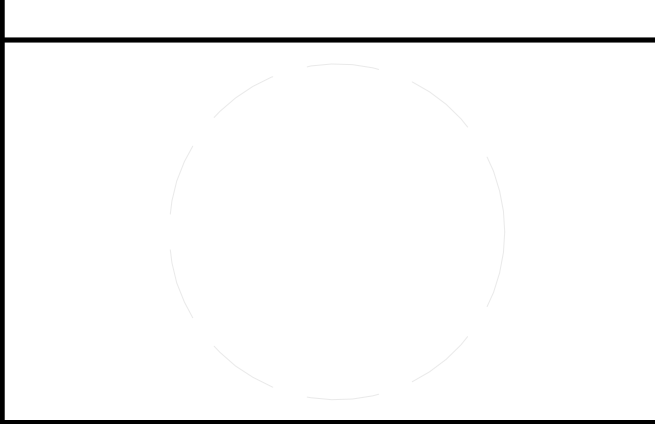
REFERENCE KEYNOTES

SHEET KEYNOTES



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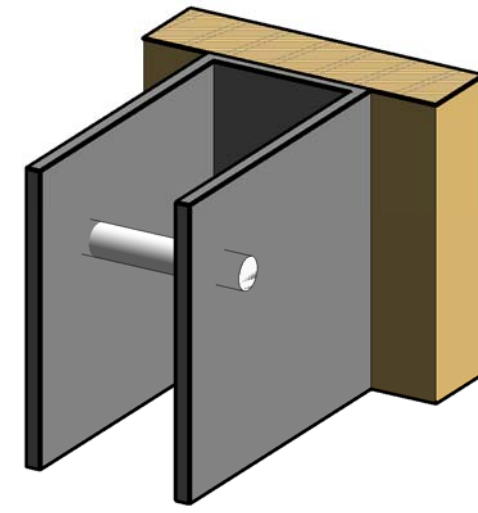
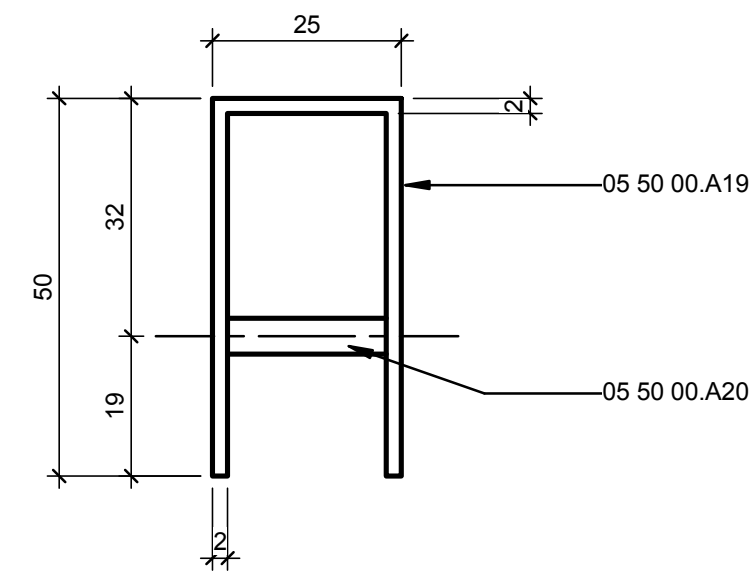
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SHEET TITLE
CLADDING PANEL DETAILS

A-596

A1

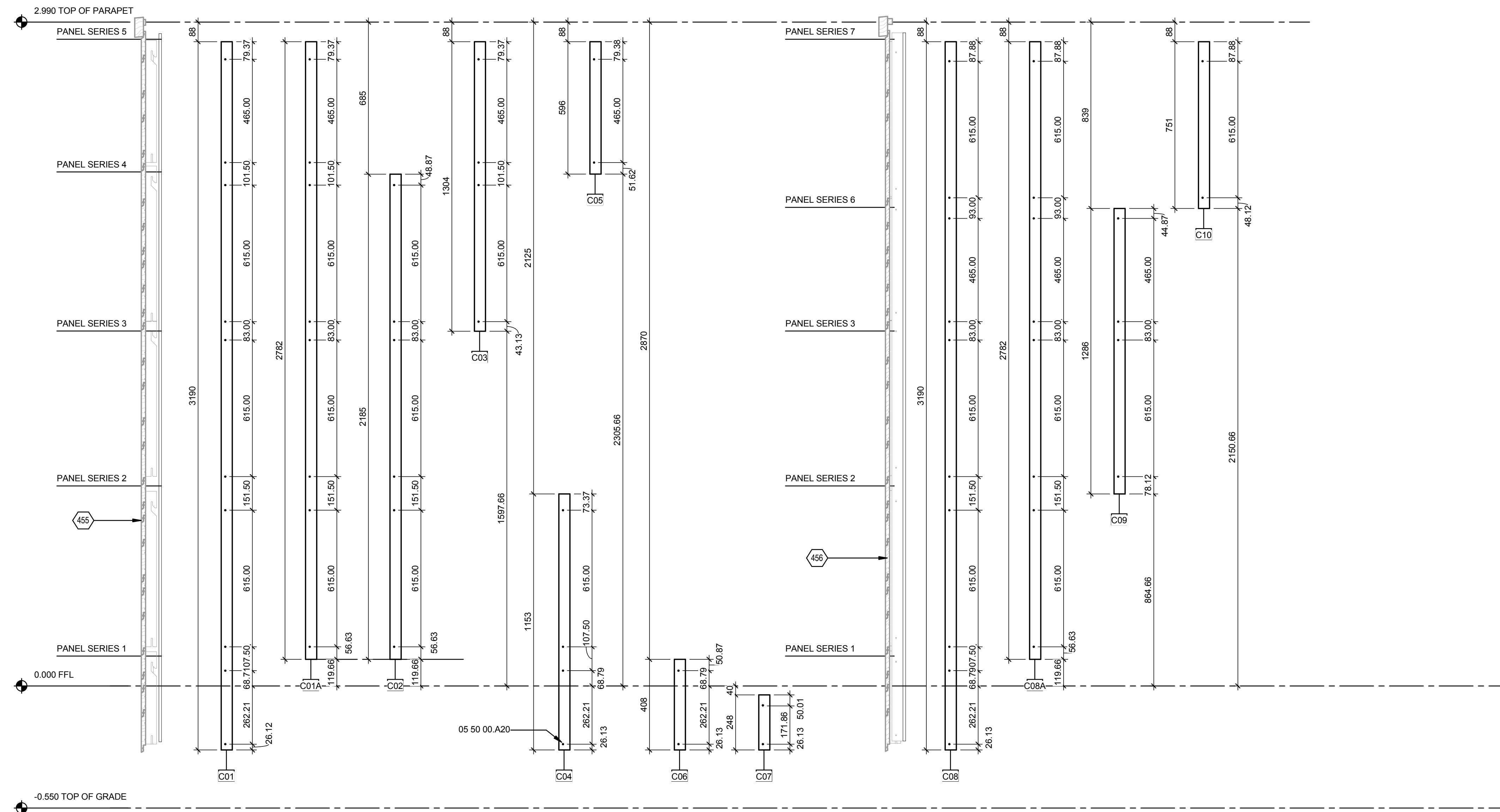
CLADDING PANEL CONSTRUCTION & WEATHERBOARD PROFILES
 1:2



D1 CLADDING WALL CHANNEL
1:1

TYPE 1 STANDARD CHANNELS
 -SOUTHWEST FACE
 -SOUTHEAST FACE
 -EAST FACE
 -NORTHWEST FACE
 -WEST FACE

TYPE 2 STANDARD CHANNELS
 -NORTHEAST FACE



A1 CLADDING WALL CHANNELS
1:12

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 50 00.A19 ALUMINIUM CHANNEL 25 X 50 X 2MM WITH HOLES DRILLED THROUGH FLANGES FOR ALUMINIUM ROD
- 05 50 00.A20 ALUMINIUM ROD 4.76MM DIA. GLUE FIXED THROUGH CHANNEL FLANGES AT INDICATED CENTRES

SHEET KEYNOTES

- 455 SOUTH EAST FACE CLADDING PANELS SHOWN GREYED
- 456 NORTH EAST FACE CLADDING PANELS SHOWN GREYED



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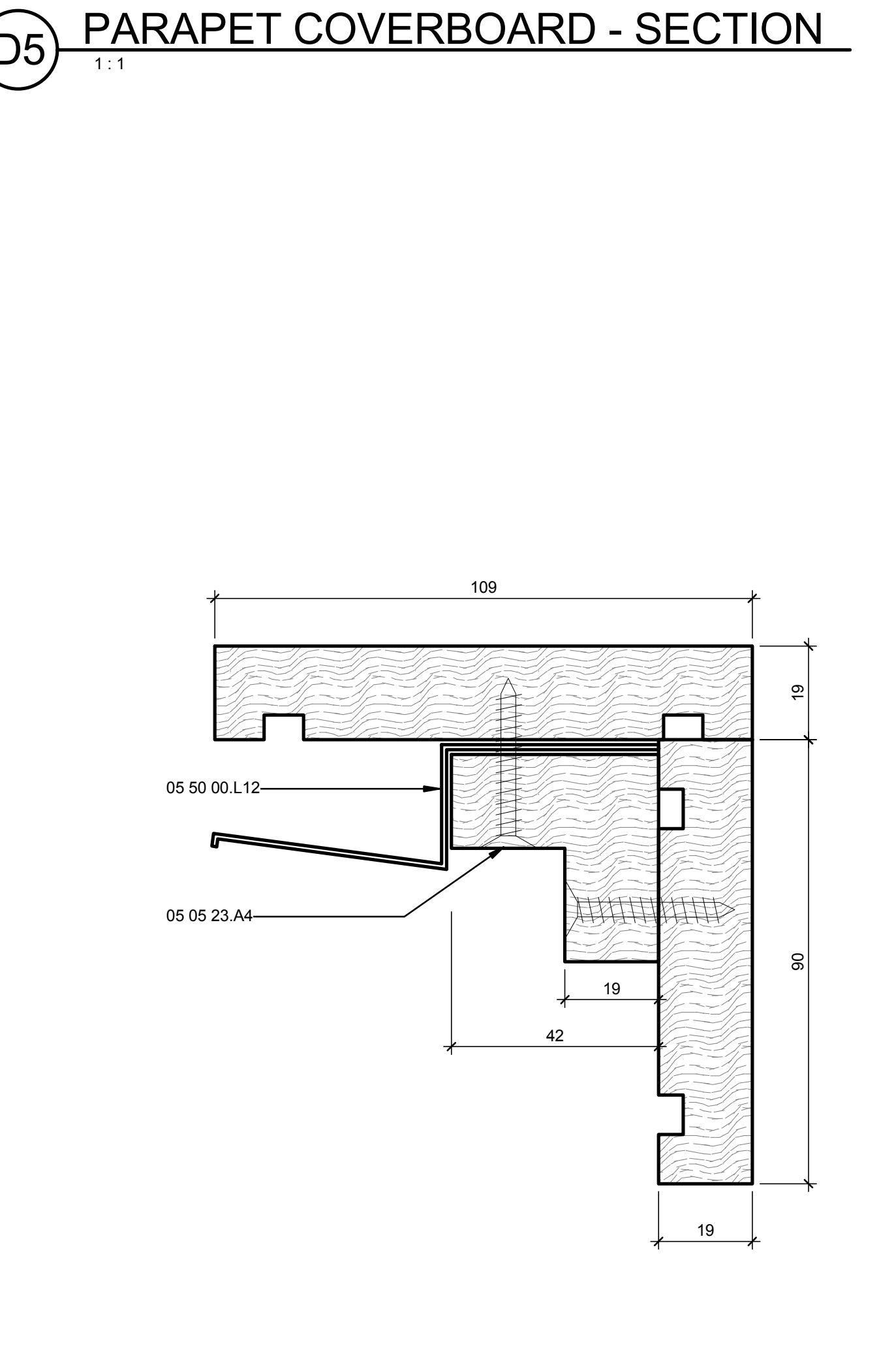
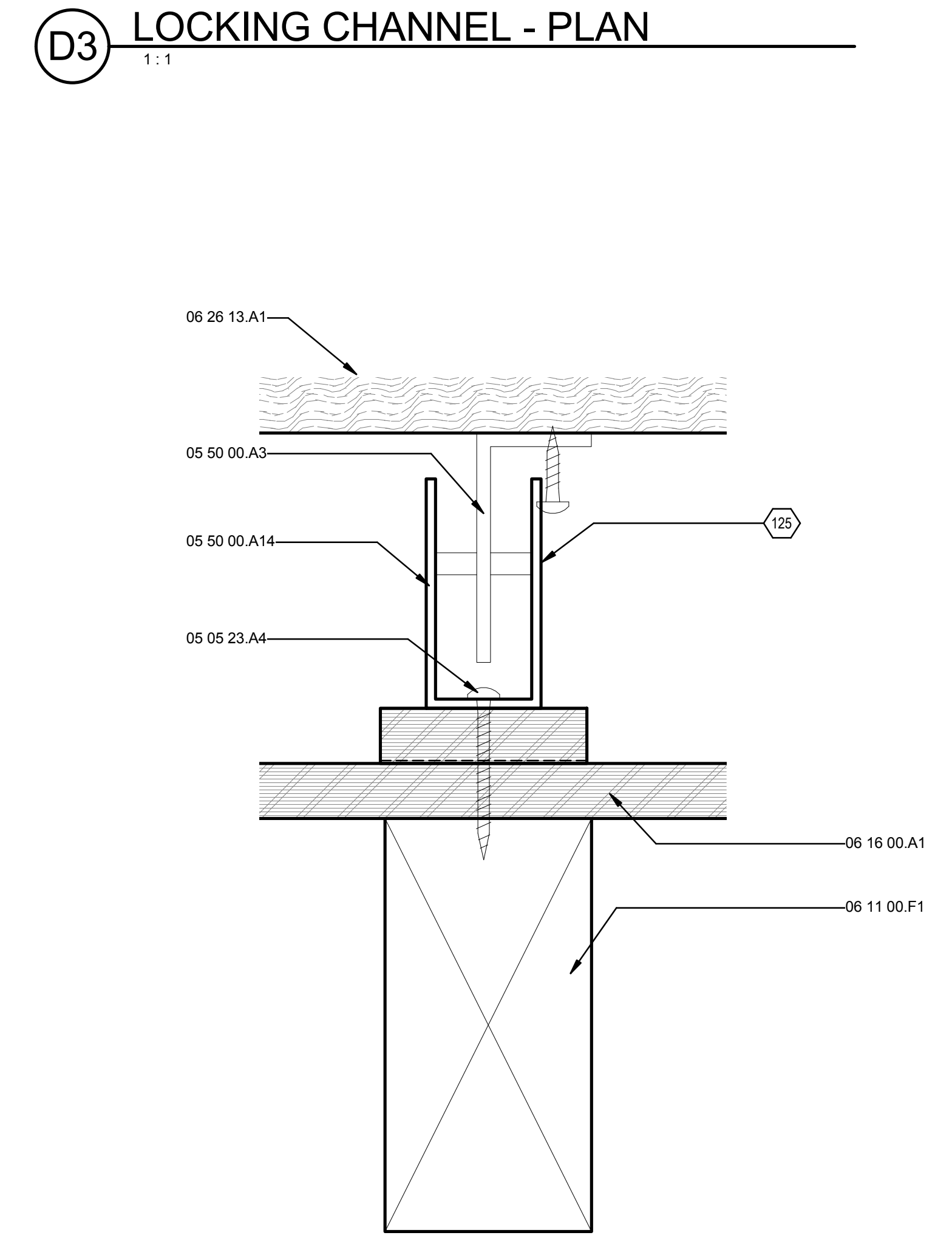
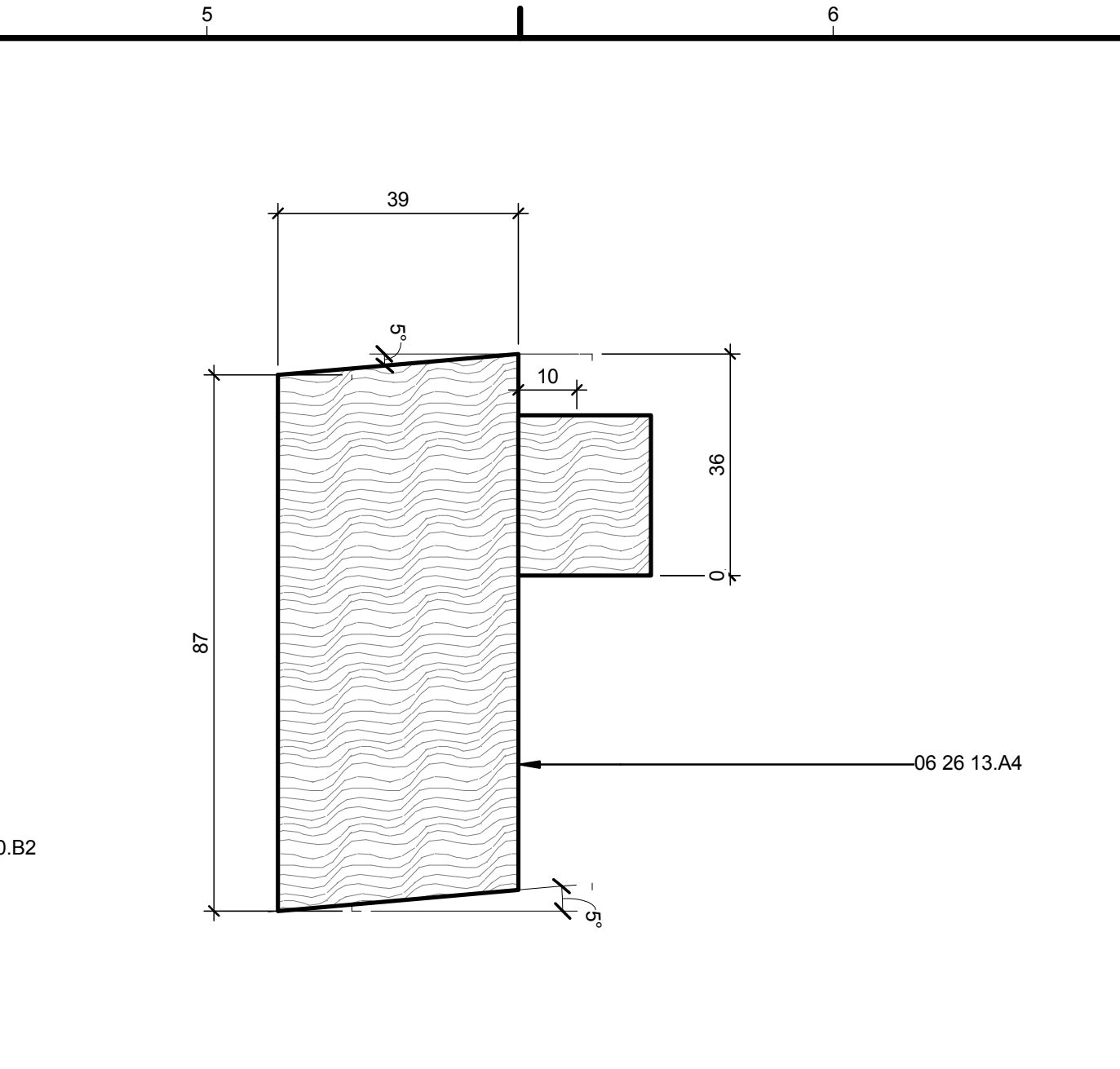
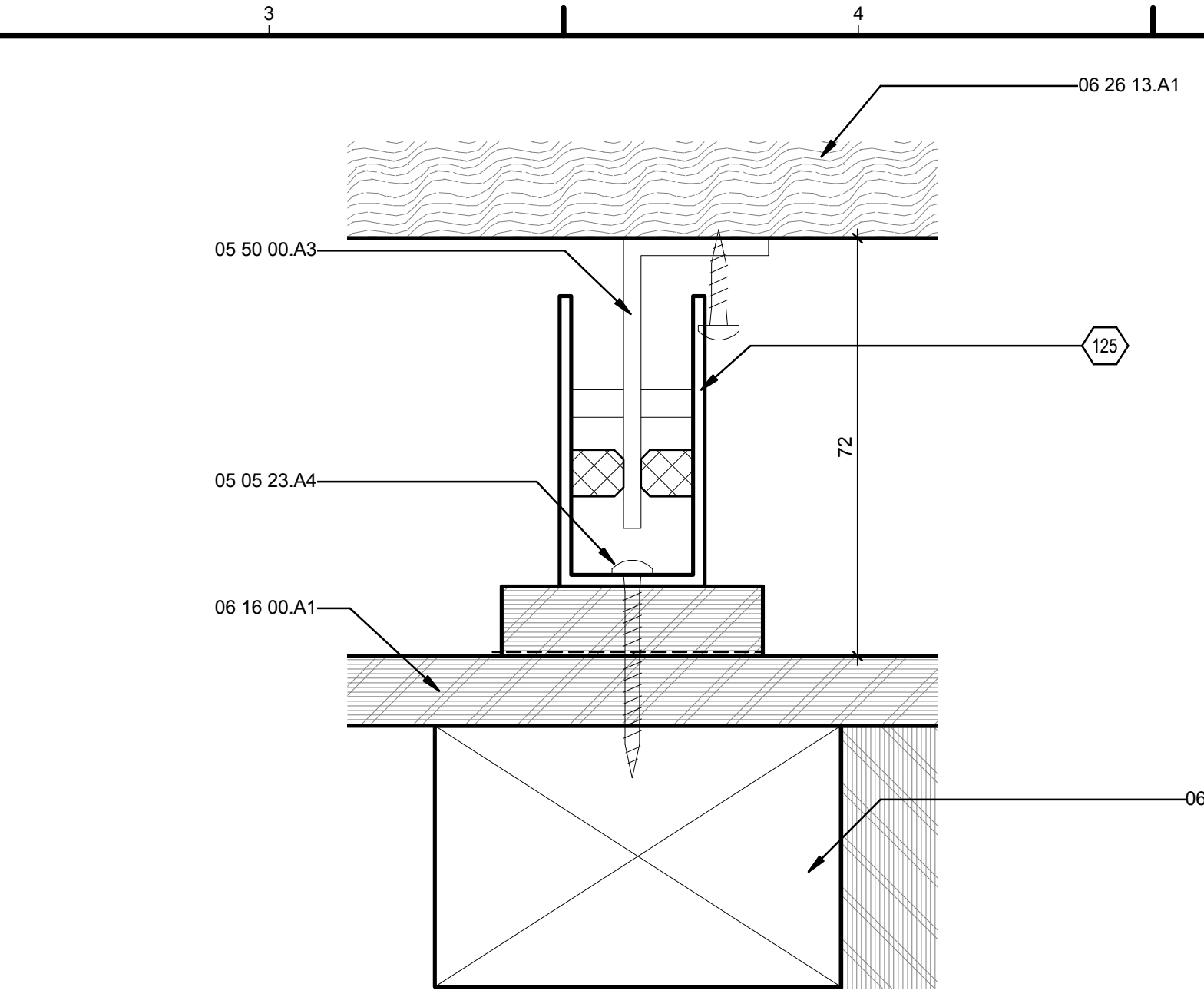
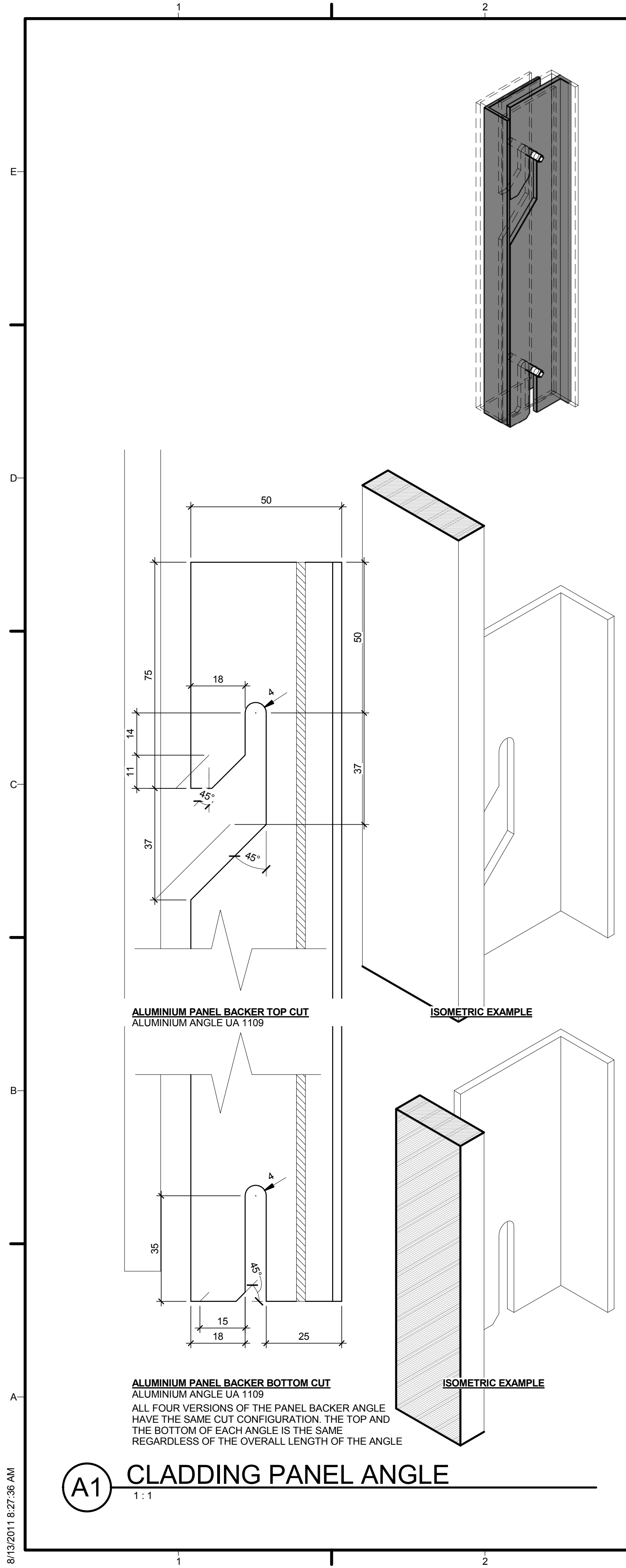
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SHEET TITLE
CLADDING WALL CHANNELS

A-597



GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 05 05 23.A4 1 NO. 10MM DIAMETER X 220MM SPAX SCREW - CSK HEAD
- 05 50 00.A3 50.8X34.92X3.175MM UA ALUMINIUM CHANNEL
- 05 50 00.A14 CLADDING WALL CHANNEL TYPE C08
- 05 50 00.L12 STEEL SPRING CLIP FOR SECURING TO CLADDING
- 06 11 00.B2 70X45MM TIMBER STUD
- 06 11 00.F1 90X45MM TIMBER WALL STUD
- 06 16 00.A1 12MM PLYWOOD BRACING SHEETS LAID VERTICALLY
- 06 26 13.A1 PANELIZED REMOVABLE HORIZONTAL SHIPLAP CEDAR WEATHERBOARDS ON 60MM CAVITY, FIXED T 735MM MAX CRS TO ALUMINIUM CAVITY BATTENS.
- 06 26 13.A4 PARAPET COVERBOARD

SHEET KEYNOTES

125 ALL CHANNELS FIXED TO WALL STRUCTURE

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SHEET TITLE

CLADDING COMPONENT DETAILS

A-598



D1 VIEW OF KITCHEN & DINING ROOM



D5 VIEW OF STUDY UNIT



B5 VIEW OF BEDROOM



A1 VIEW OF BATHROOM



A5 VIEW OF LOUNGE JOINERY UNIT

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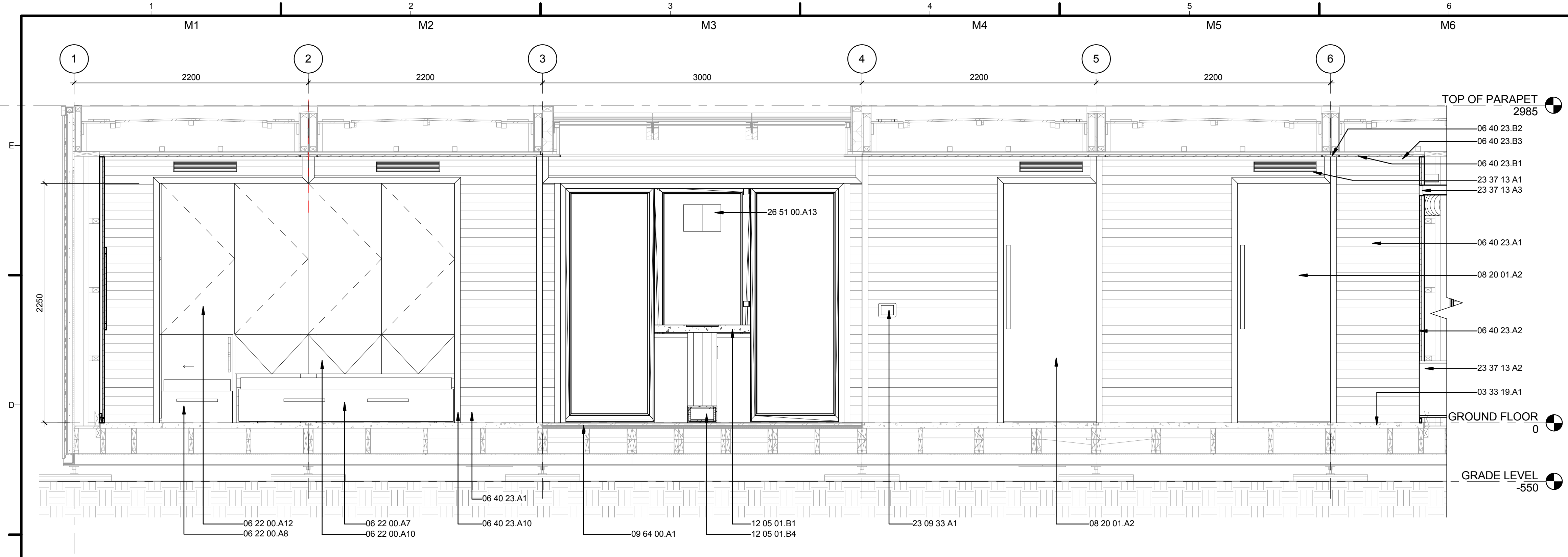
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RENDERINGS

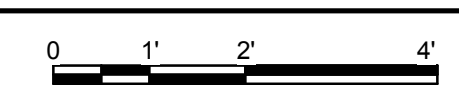
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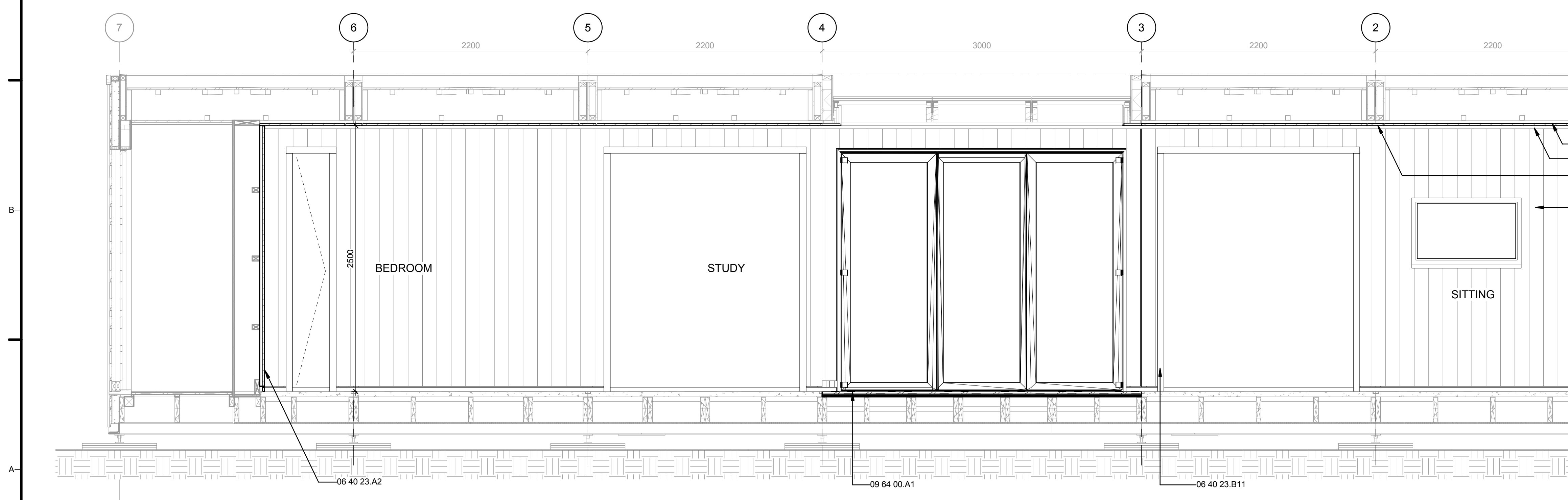


REFERENCE KEYNOTES	
03 33 19.A1	50MM FLEXUS ENGINEERED CEMENTITIOUS COMPOSITE FLOOR WITH 10MM ARDEX PANDOMO K1 LEVELLING COMPOUND. CONCRETE FIXED WITH COMPOSITE FLOOR SHEAR CONNECTORS TO TIMBER JOISTS (REFER ENGINEERS SKETCH DETAIL FOR FIXING)
06 22 00.A7	LIVING ROOM JOINERY - DOUBLE SOFA BED
06 22 00.A8	LIVING ROOM JOINERY - OTTOMAN
06 22 00.A10	LIVING ROOM JOINERY - BUNK BED. PLATFORM ALSO ACTS AS KIDS TV VIEWING PLATFORM WHEN BIFOLD DOORS ARE OPEN
06 22 00.A12	LIVING ROOM JOINERY - BIFOLD DOORS. TRACK GEAR FIXED ON-SITE. BOTTOM TRACK FIXED TO BUNK SHELVING UNIT, TOP TRACK TO CEILING.
06 40 23.A1	83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING.
06 40 23.A2	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE VERTICAL TIMBER BOARD ON 45X25 TIMBER BATTENS
06 40 23.A10	EX 57X18MM INTERIOR TIMBER TRIM TO OPENINGS
06 40 23.B1	135X19MM WHITEWASHED TONGUE & GROOVE PROFILE PINE TIMBER BOARD TO CEILING ALIGNED TO DIRECTION INDICATED
06 40 23.B2	150 X 19MM REMOVABLE WHITEWASHED TIMBER BOARD TO MODULE JOINS
06 40 23.B3	30X6 TIMBER TRIM TO WALL CEILING JUNCTION
06 40 23.B11	60 X 19 WHITEWASHED PINE ARCHITRAVES TO WINDOWS IN LIVING SPACES
08 20 01.A2	10MM TOP HUNG FLOOR TO CEILING TOUGHENED GLASS FACE-SLIDER. ACID ETCHED ON SOUTH FACE. DORMA AGILE 150 SLIDING DOOR SYSTEM
09 64 00.A1	3M X 1.3M PANELISED 20 X 140MM TIMBER FLOORING ON 12MM PLYWOOD (PLY = 200MM WIDE AT 400MM CENTRES) AND TIMBER PACKERS
12 05 01.B1	CONCRETE DINING TABLE. SEE RELEVANT SHEETS FOR DETAIL
12 05 01.B4	18MM PLYWOOD FRAMED LEG TO CONCRETE TABLE
23 09 33.A1	SCHEIDER ELECTRIC MAGELIS HMI CONTROLLER
23 37 13.A1	600 X 600MM SUPPLY AIR LINEAR DIFFUSERS
23 37 13.A2	350 X 500MM RETURN AIR EGGRATE GRILLE
23 37 13.A3	350 X 100MM RETURN AIR EGGRATE GRILLE
26 51 00.A13	FEATURE PENDANT LIGHTING FIXTURE OVER DINING ROOM TABLE

C1 INTERIOR ELEVATION - NORTH
1:24



SHEET KEYNOTES



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A1 INTERIOR ELEVATION - SOUTH
1:24

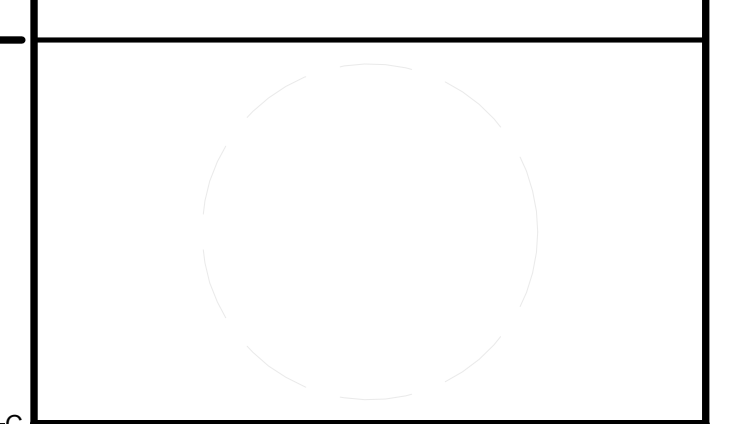
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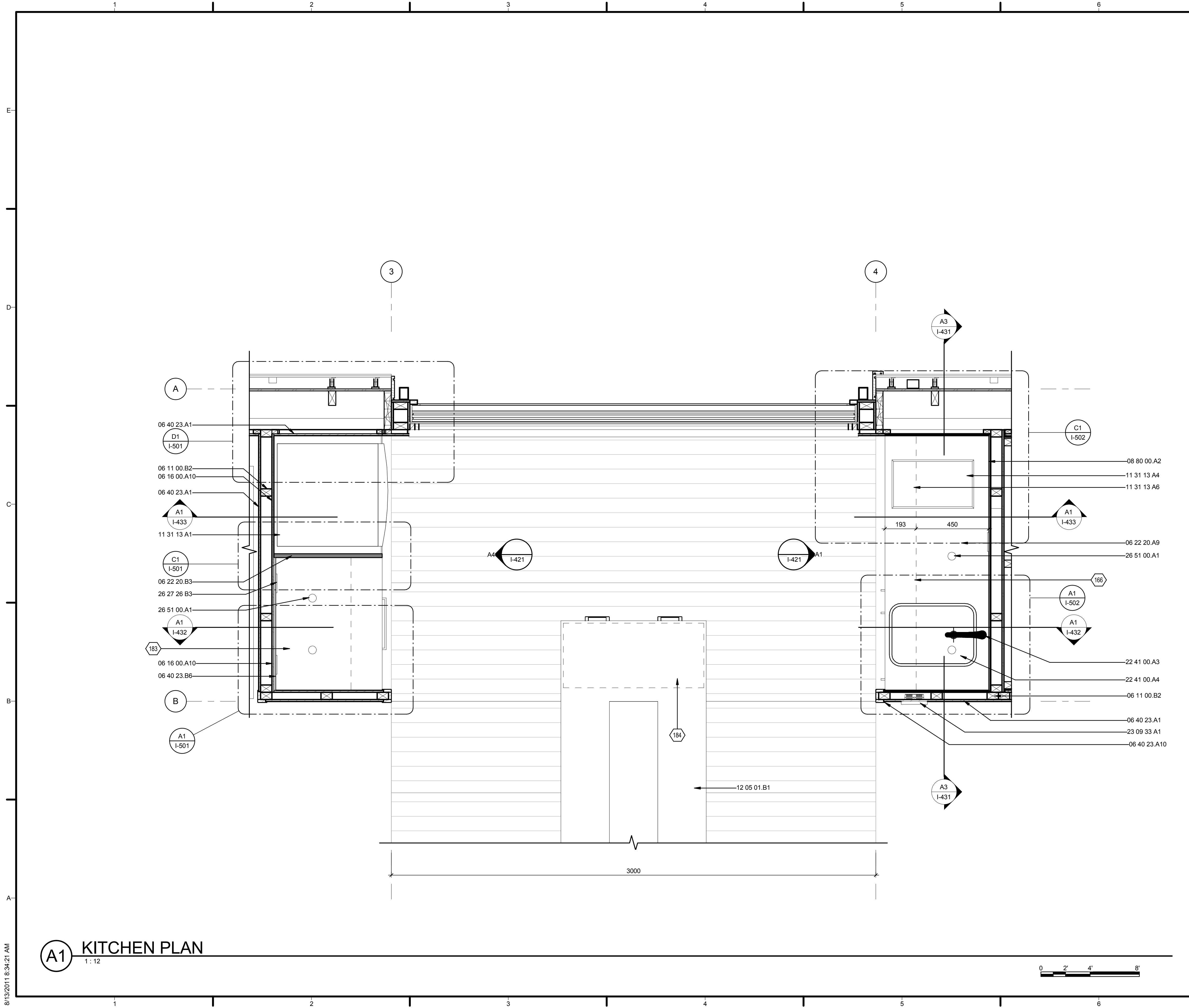
INTERIOR ELEVATIONS

I-211

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GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 11 00.B2 70X45MM TIMBER STUD
- 06 16 00.A10 12MM ECOPLY LINING NAIL FIXED AT 75MM CENTRES
- 06 22 20.A9 STAINLESS STEEL LAMINATED TO 36MM PLY BENCHTOP WITH 'WET EDGE' DETAILED FRONT EDGE - STAINLESS STEEL TO RETURN 50MM AT BACK EDGE
- 06 22 20.B3 24MM FULL HEIGHT MDF PANEL WITH RIMU VENEER TO BOTH SIDES AND RIMU EDGE TAPE
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINNING. EX 57X18MM INTERIOR TIMBER TRIM TO OPENINGS
- 06 40 23.B6 83X12MM HORIZONTAL TONGUE & GROOVE TIMBER BOARD INTERIOR LINNING PAINTED RESINE 'PEPPERMINT'
- 08 80 00.A2 6MM TOUGHENED GLASS SPLASHBACK FROSTED AND BACK PAINTED ON 6MM COMPRESSED FIBRE CEMENT SHEET. LAP OVER STAINLESS UPTURN.
- 11 31 13 A1 FISHER & PAYKEL FRIDGE FREEZER MODEL E331T
- 11 31 13 A4 FISHER & PAYKEL SLIMLINE INDUCTION HOB
- 11 31 13 A6 FISHER & PAYKEL RANGEHOOD MODEL HC60PCHTX1 OVERHEAD
- 12 05 01.B1 CONCRETE DINING TABLE. SEE RELEVANT SHEETS FOR DETAIL
- 22 41 00.A3 BENCHTOP MOUNTED METHVEN FUTURA KITCHEN MIXER TAP CENTRED ON SINK
- 22 41 00.A4 MERCER STAINLESS STEEL UNDERMOUNT SINK INVISIBLE WELD TO STAINLESS BENCHTOP
- 23 09 33 A1 SCHNEIDER ELECTRIC MAGELIS HMI CONTROLLER
- 26 27 26 B3 PDL 600 SLIMLINE SERIES DOUBLE HORIZONTAL POWER SOCKETS POSITIONED AS SHOWN
- 26 51 00.A1 6W RECESSED LED DOWNLIGHT



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SHEET KEYNOTES

- 166 LINE OF OVERHEAD CABINETRY SHOWN ABOVE.
- 183 STAINLESS STEEL BENCH FOR SMALL APPLIANCES OVER FULL-EXTENSION DRAWERS
- 184 ROLLOUT JOINERY UNIT SHOWN DASHED STORED UNDER TABLE

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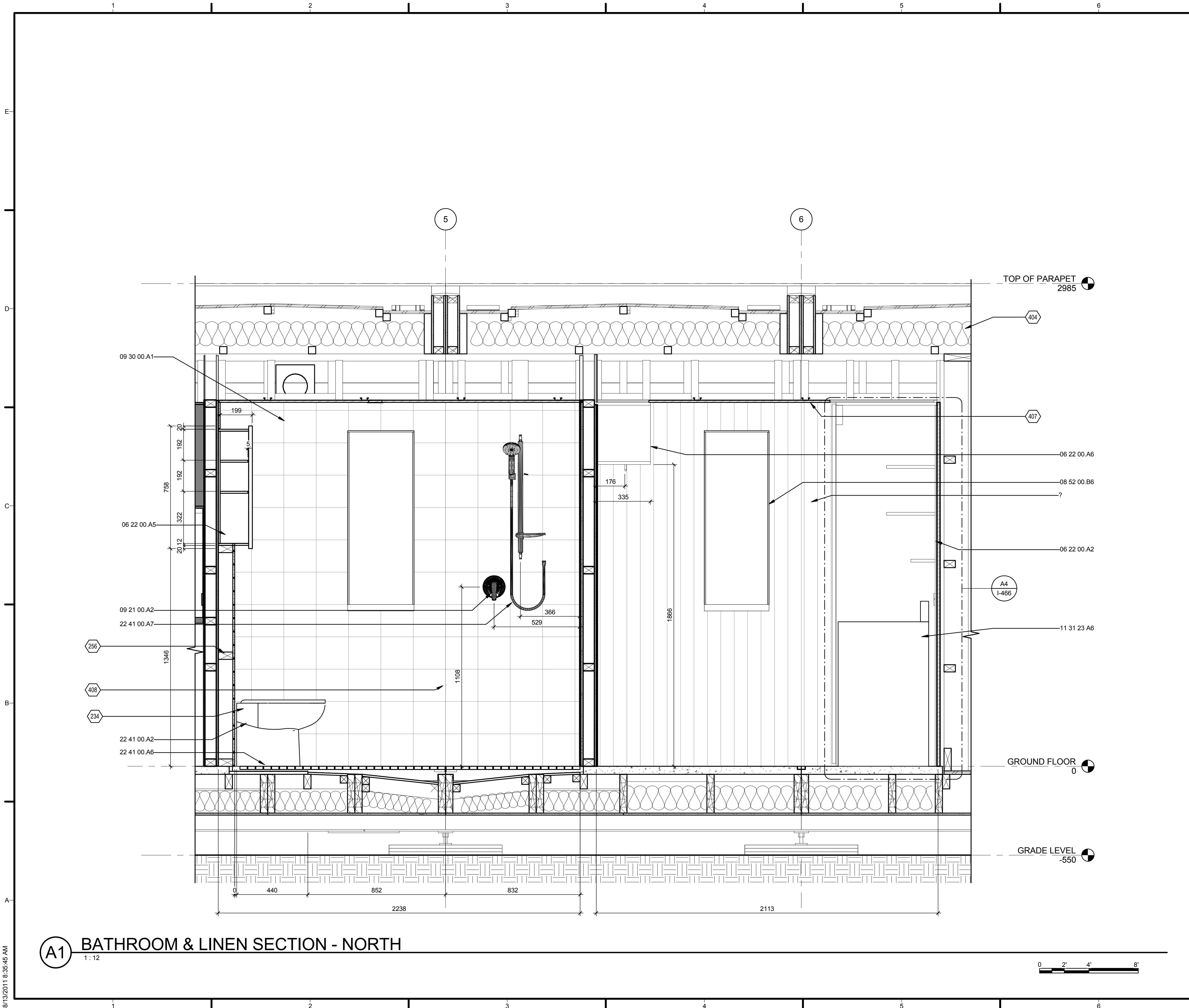
SHEET TITLE
KITCHEN PLAN

I-411

A1 KITCHEN PLAN
 1:12



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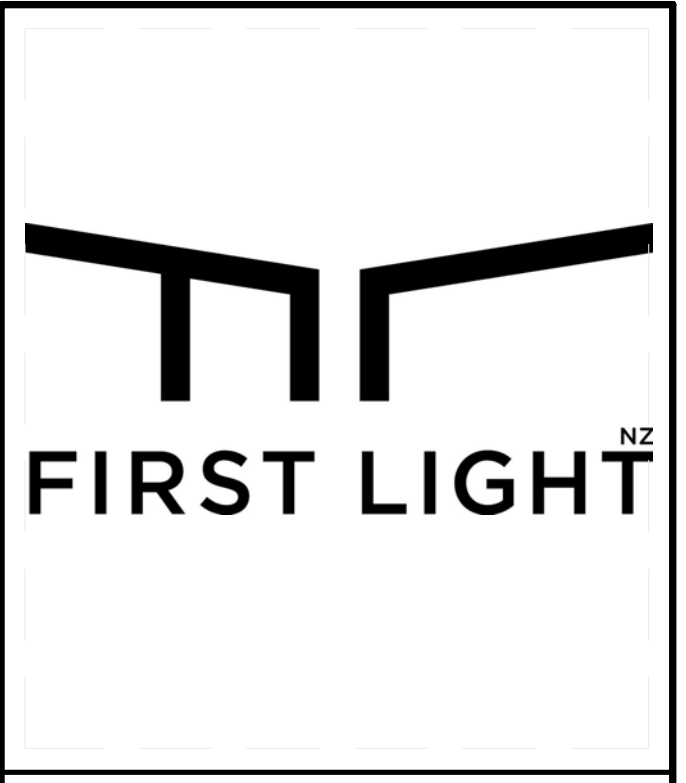
GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.A2 WASHING MACHINE CABINET
- 06 22 00.A5 BATHROOM CABINET WITH 1150MM LED BAR MOUNTED ABOVE AND BELOW. REFER DETAIL DRAWINGS
- 06 22 00.A6 WARDROBE / STORAGE UNIT
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING.
- 08 52 00.B6 200 X 200MM ETCHLITE BACKPAINTED GLASS TILES OVER WPM ON 12MM COMPRESSED FIBRE CEMENT SHEET SUBSTRATE
- 09 30 00.A1 FISHER & PAYKEL TOP LOADING WASHING MACHINE MODEL WA5T56GW 1020H X 560W X 560D. REFER MANUFACTURERS INSTRUCTIONS FOR INSTALLATION DETAILS
- 11 31 23.A6 IMEX CB-1088 ARCO BACK-TO-WALL TOILET PAN WITH FULLY FRAMED 'WATERMARK' DUAL FLUSH IN-WALL CISTERN. REFER MANUFACTURERS SPECIFICATIONS FOR INSTALLATION DETAILS
- 22 41 00.A2 THREE PART MERCER STAINLESS STEEL SHOWER TRAY UNDER DUCKBOARD SYSTEM. SHOWER TRAY CROSSES AND WATERPROOF'S MODULE JOIN. REMOVEABLE HARDWOOD TIMBER DUCKBOARDS SIT OVER TRAY
- 22 41 00.A6 METHVEN KIRI SATINJET SHOWER SYSTEM WITH OVERHEAD RAINSHOWER COLUMN

SHEET KEYNOTES

- 234 WC NOT CONNECTED TO MAIN DRAIN AND CAPPED FOR PURPOSES OF THE COMPETITION
- 256 WALL BUILT OUT 90MM TO ACCOMMODATE PIPEWORK & IN-WALL CISTERN UP TO LEVEL OF CABINERY
- 404 INSULATION SHOWN INDICATIVE ONLY. REFER DETAIL DRAWINGS AND SPECIFICATION FOR LOCATION, EXTENT AND TYPES
- 407 REMOVEABLE RIMU T&G CEILING PANELS TO ALL CEILINGS THROUGH BUILDING CORE - REFER INTERIOR DRAWING SET FOR DETAILS AND SETOUT
- 408 REMOVEABLE SECTION OF WALL TILES AT MODULE JOIN. REFER DRAWING A-513 FOR CONSTRUCTION DETAILS



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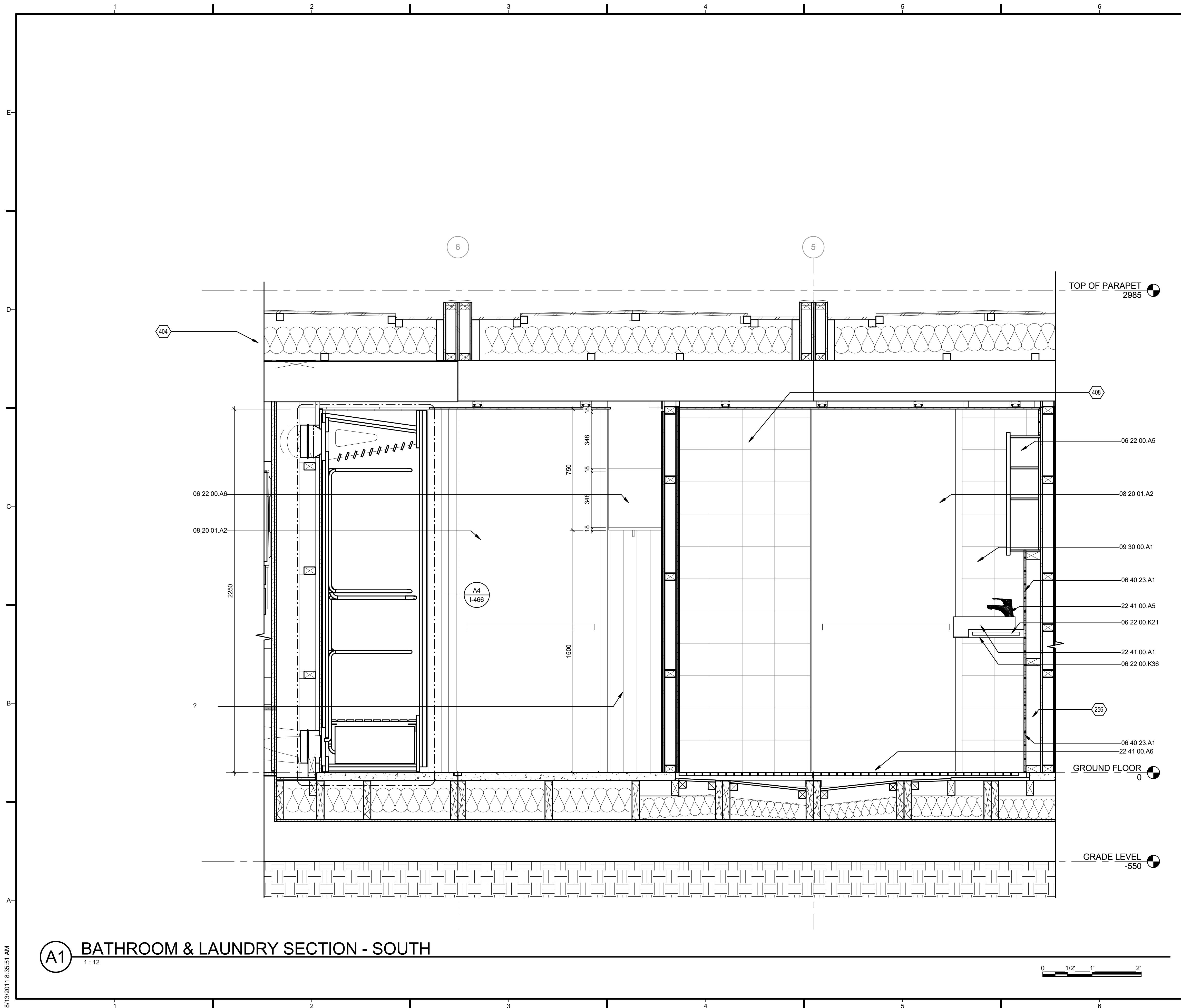
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SHEET TITLE
BATHROOM & LAUNDRY SECTION - NORTH
I-463

A1 BATHROOM & LINEN SECTION - NORTH
 1:12

8/13/2011 8:35:45 AM



GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.A5 BATHROOM CABINET WITH 1150MM LED BAR MOUNTED ABOVE AND BELOW. REFER DETAIL DRAWINGS
- 06 22 00.A6 WARDROBE / STORAGE UNIT
- 06 22 00.K21 HETTICH PRO DECOR HANDLE 045637
- TOWEL RAIL TO SIDE OF VANITY UNIT
- 06 22 00.K36 VANITY UNIT FIXED TO WALL FRAMING AT SOUTH AND NW EDGE WITH 50 X 10MM STEEL ANGLES
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING.
- 08 20 01.A2 10MM TOP HUNG FLOOR TO CEILING TOUGHENED GLASS FACE-SLIDER. ACID ETCHED ON SOUTH FACE. DORMA AGILE 150 SLIDING DOOR SYSTEM

- 09 30 00.A1 380 X 380 X 130MM TRENZ SEMI RECESSED BASIN. MODEL 4148-C
- 22 41 00.A1 METHVEN FUTURA BASIN MIXER
- 22 41 00.A5 THREE PART MERCER STAINLESS STEEL SHOWER TRAY UNDER DUCKBOARD SYSTEM. SHOWER TRAY CROSSES AND WATERPROOFS MODULE JOIN.
- 22 41 00.A6 REMOVEABLE HARDWOOD TIMBER DUCKBOARDS SIT OVER TRAY

SHEET KEYNOTES

- 256 WALL BUILT OUT 90MM TO ACCOMMODATE PIPEWORK & IN-WALL CISTERN UP TO LEVEL OF CABINETRY
- 404 INSULATION SHOWN INDICATIVE ONLY. REFER DETAIL DRAWINGS AND SPECIFICATION FOR LOCATION, EXTENT AND TYPES
- 408 REMOVEABLE SECTION OF WALL TILES AT MODULE JOIN. REFER DRAWING A-513 FOR CONSTRUCTION DETAILS

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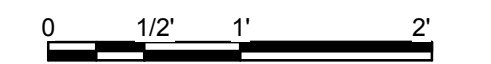
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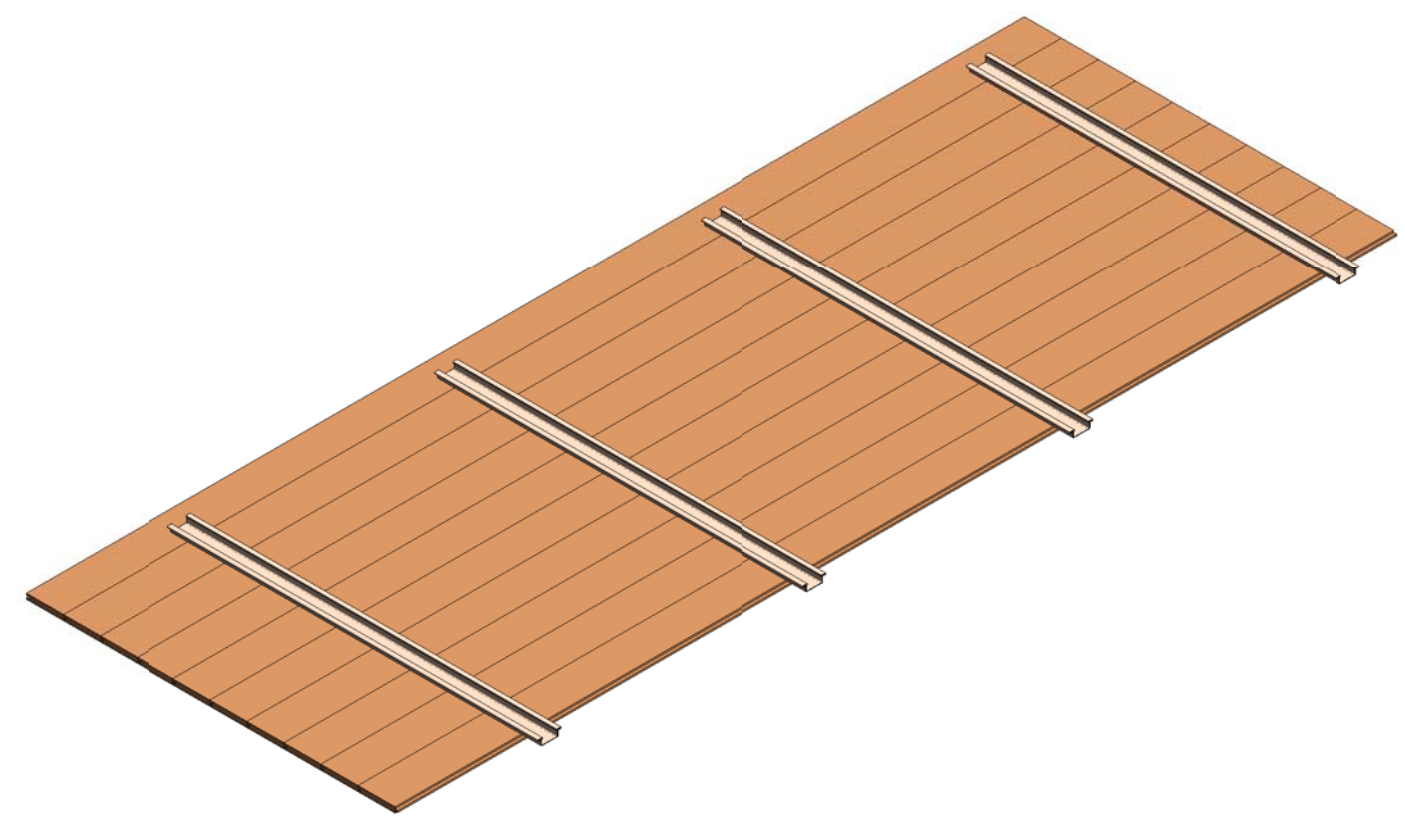
SHEET TITLE

BATHROOM & LAUNDRY SECTION SOUTH

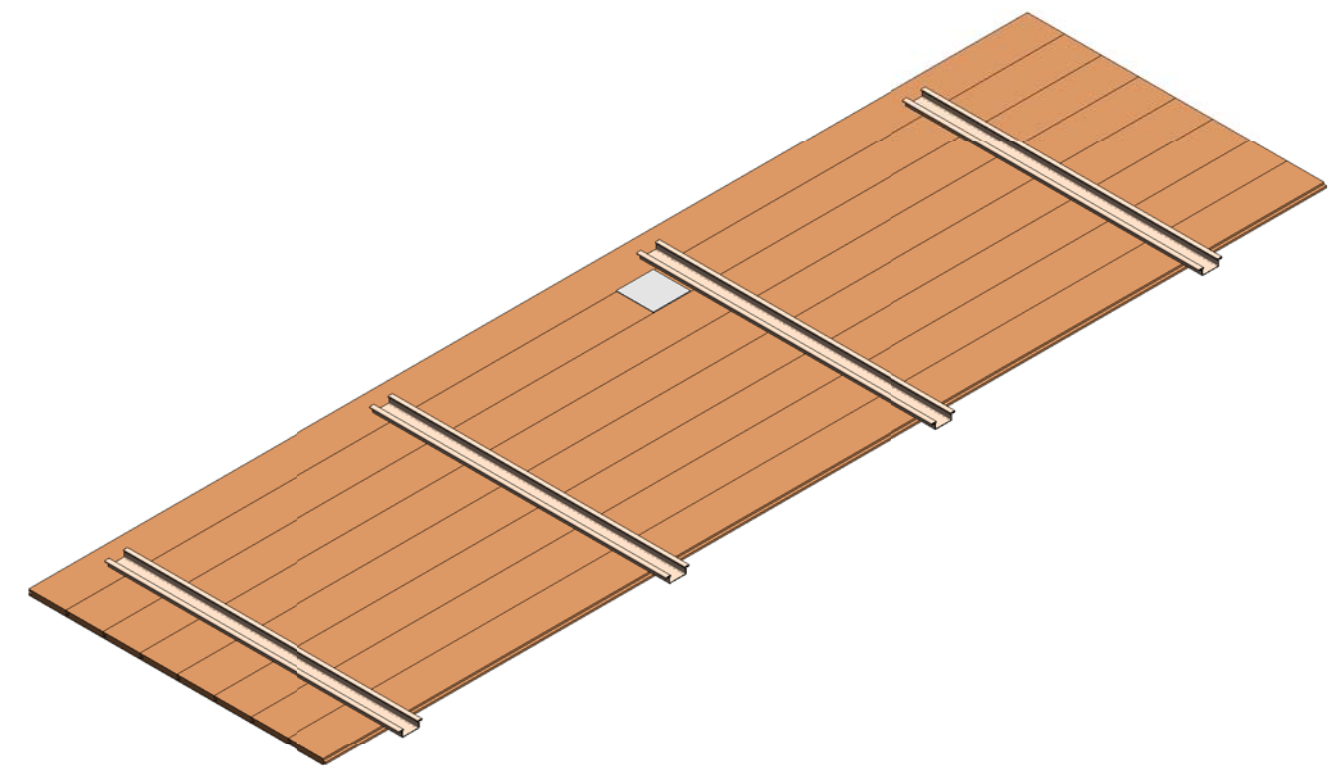
I-464

A1 BATHROOM & LAUNDRY SECTION - SOUTH

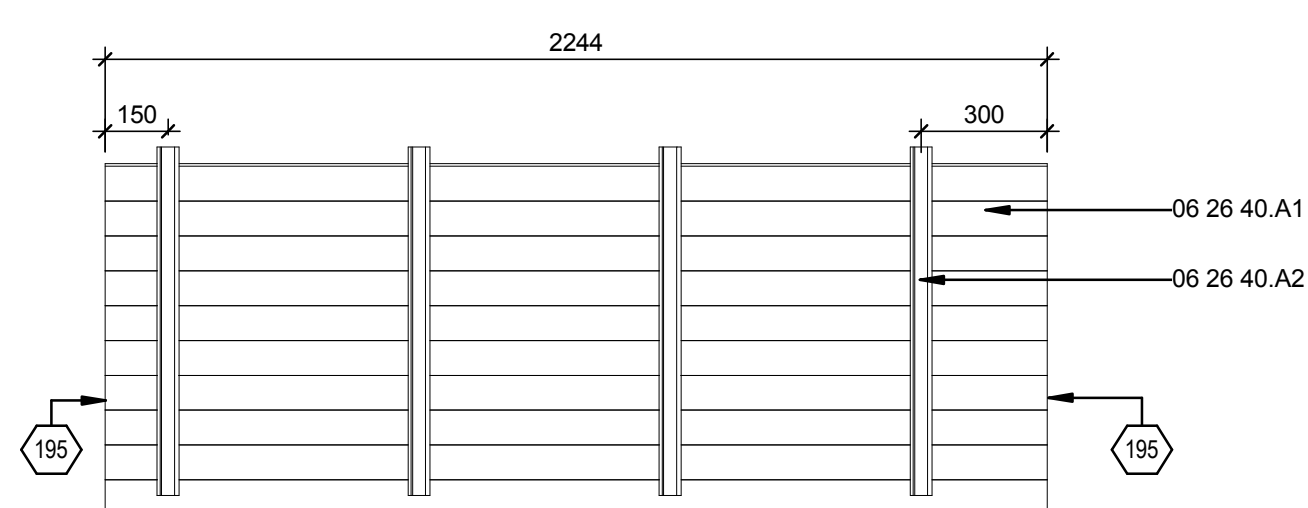




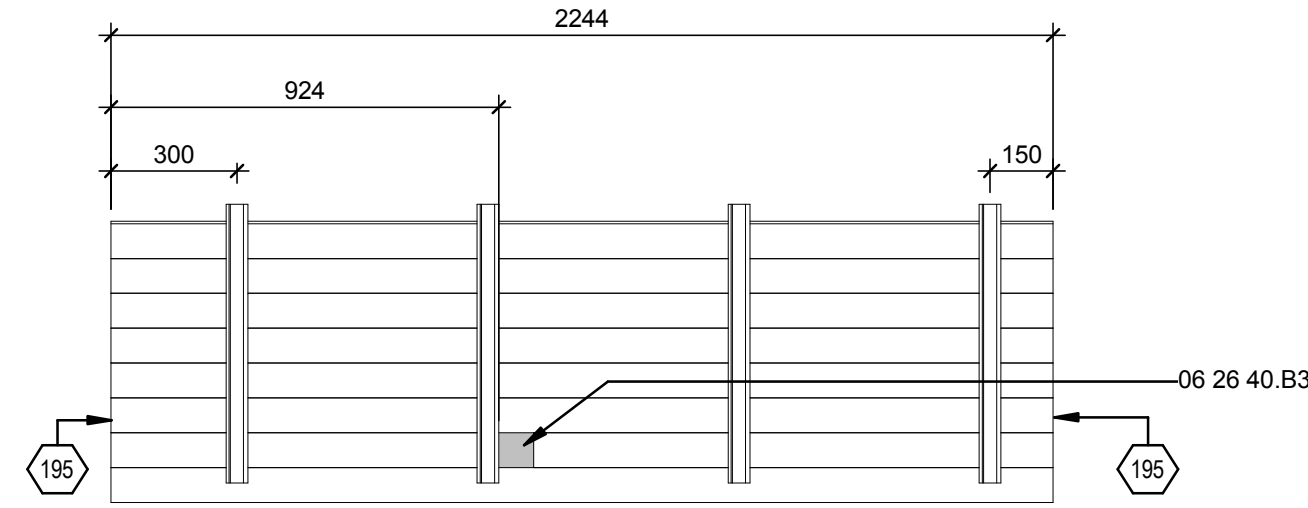
(D3) CEILING PANEL B2 ISOMETRIC



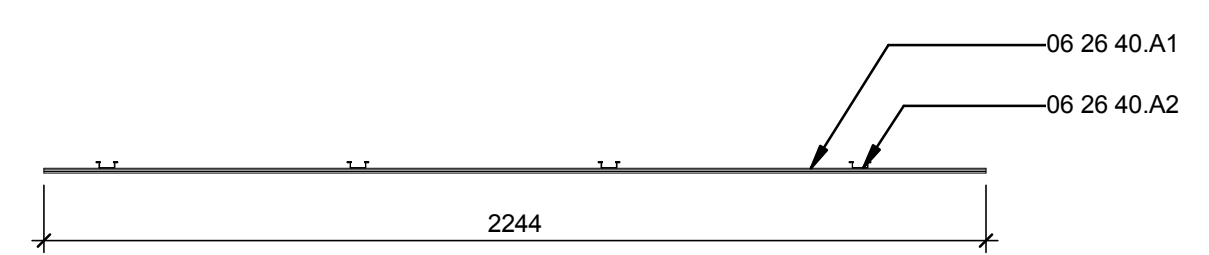
(D5) CEILING PANEL B1 ISOMETRIC



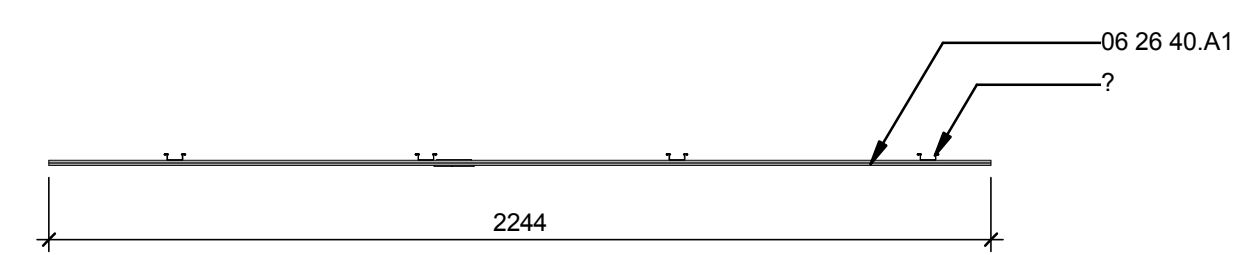
(C3) CEILING PANEL B2 - PLAN
1:18



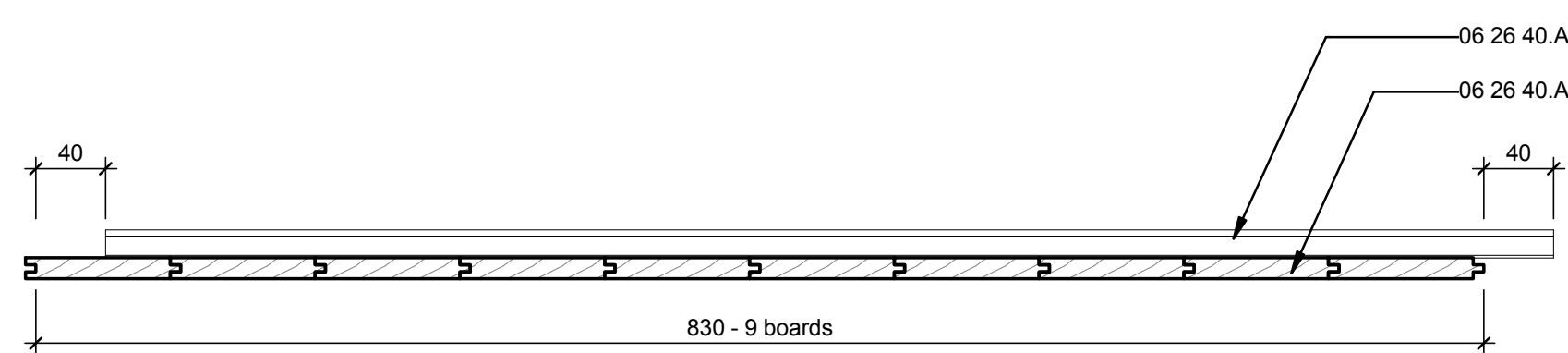
(C5) CEILING PANEL B1 - PLAN
1:18



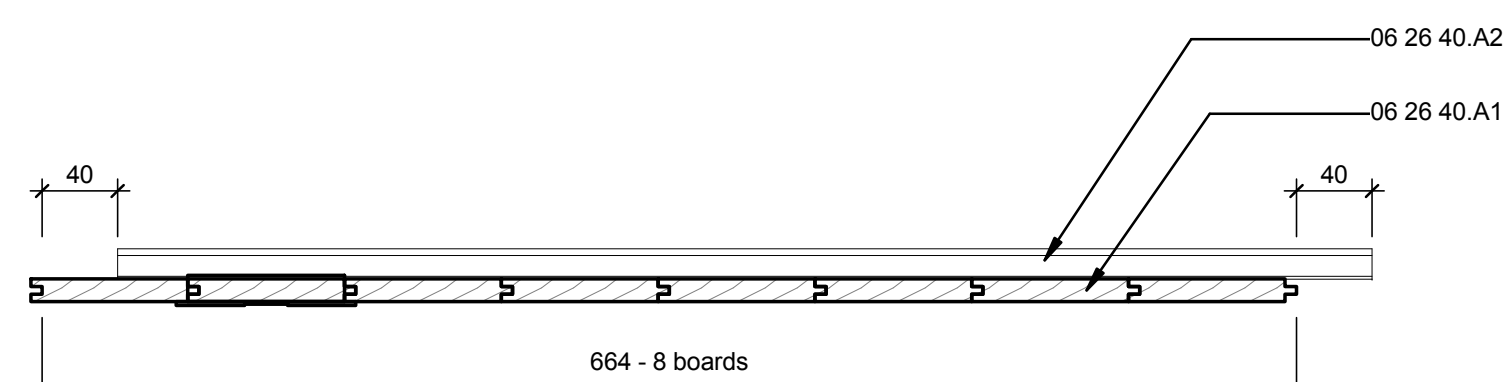
(B3) CEILING PANEL B2 - SIDE ELEVATION
1:18



(B5) CEILING PANEL B1 - SIDE ELEVATION
1:18



(A2) CEILING PANEL B2 - SECTION
1:4



(A5) CEILING PANEL B1 - SECTION
1:4

REFERENCE KEYNOTES	
06 26 40.A1	83X12MM TONGUE AND GROOVE RIMU BOARDS NAIL FIXED THROUGH TOUNGE TO METAL BATTEN
06 26 40.A2	PROPRIETARY METAL CEILING BATTENS AT 800MM CENTRES MAX
06 26 40.B3	83X83MM CUTOUT IN RIMU T&G BOARD AND NEIGHBOURING TOUNGE FOR 12W LED LIGHT FITTING

SHEET KEYNOTES	
195	EDGES OF REMOVABLE CEILING TO OVERLAP INSIDE FACE OF INTERIOR LINING BY 6MM EACH SIDE.

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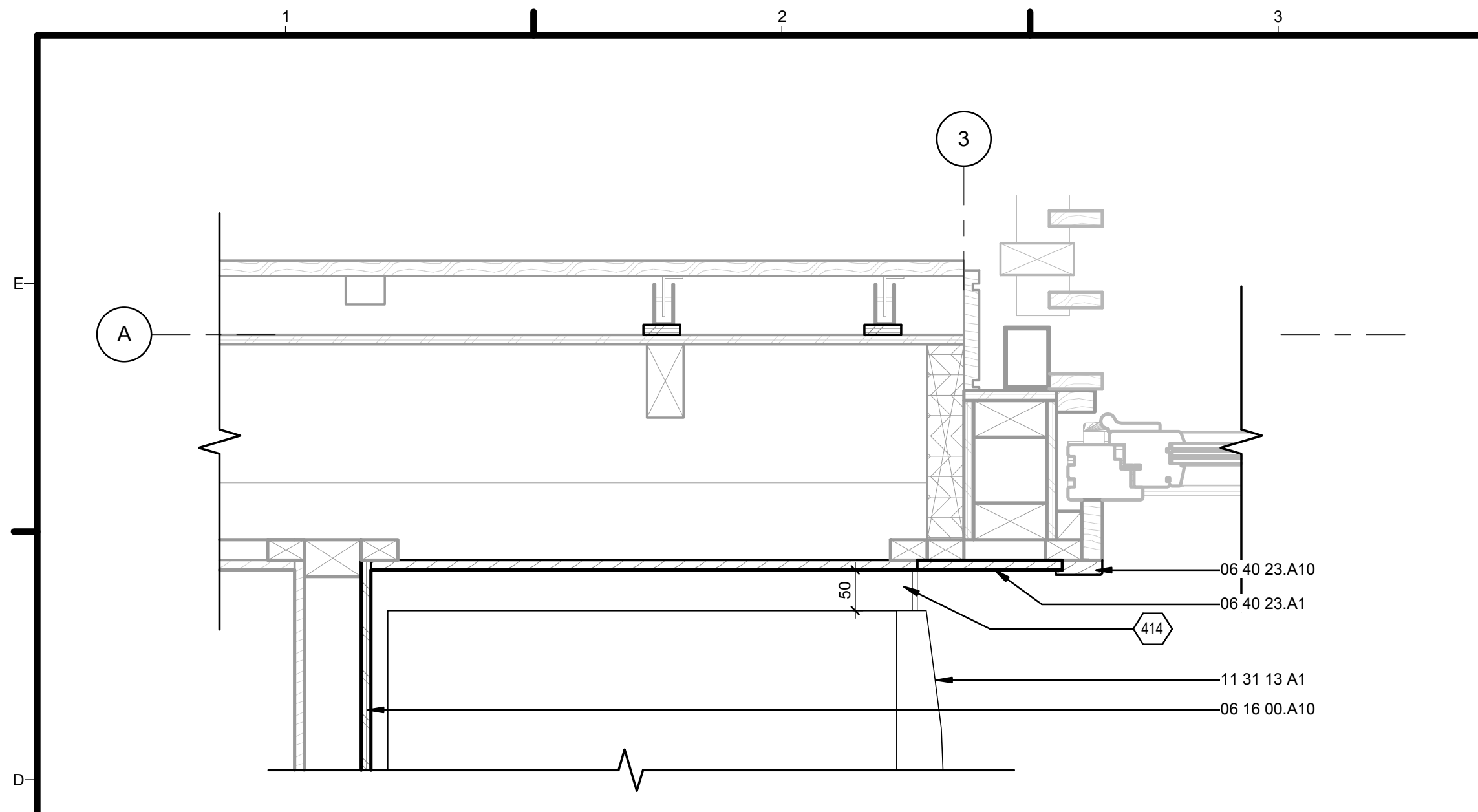
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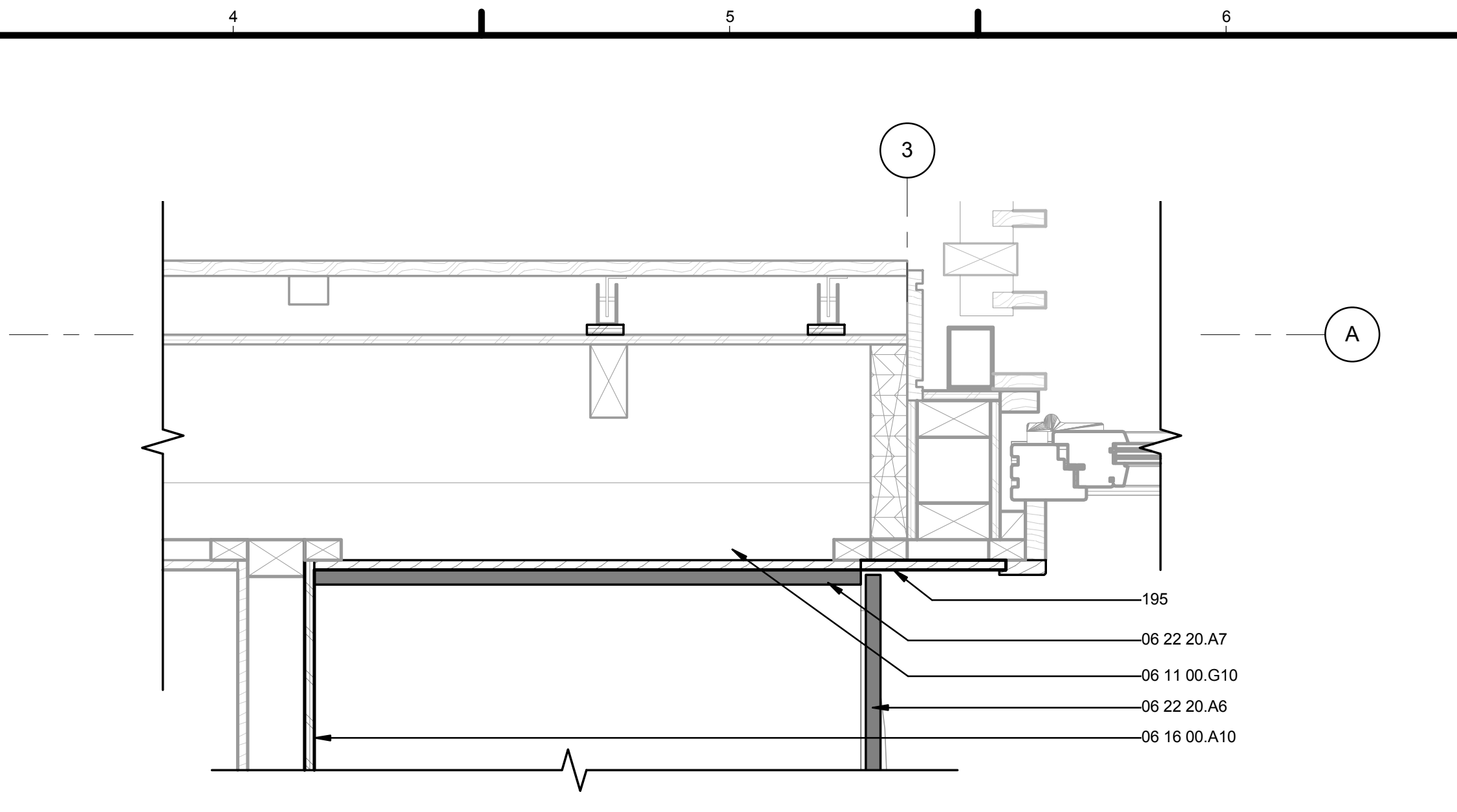
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SHEET TITLE
REMOVABLE CEILING PANELS - BATHROOM

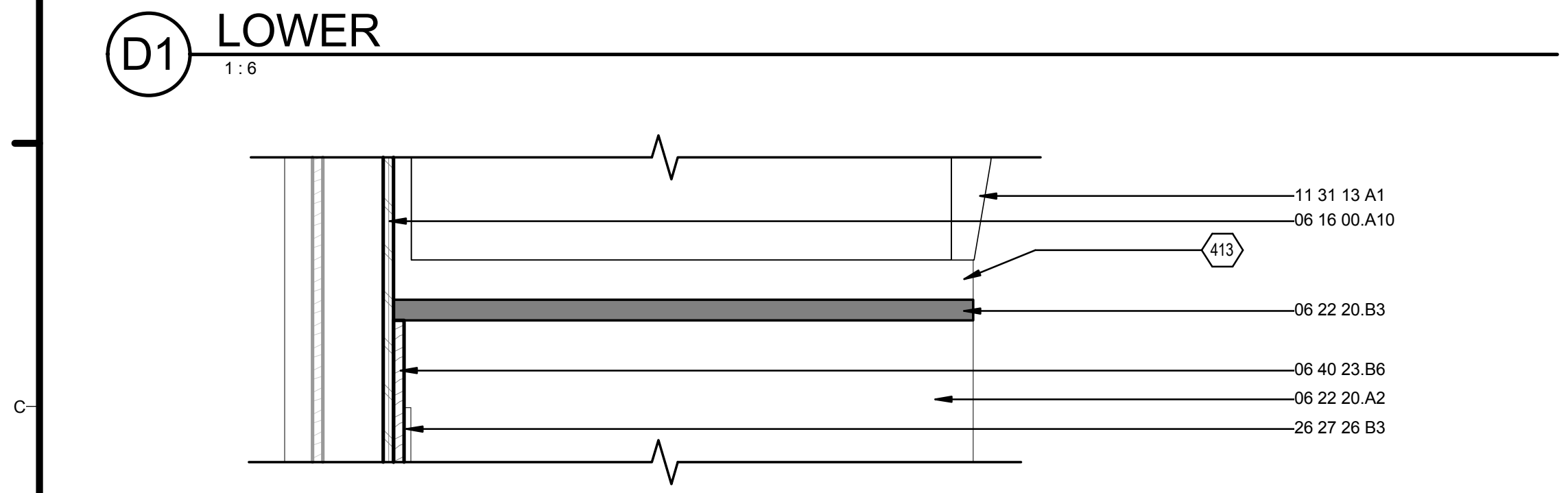
I-475



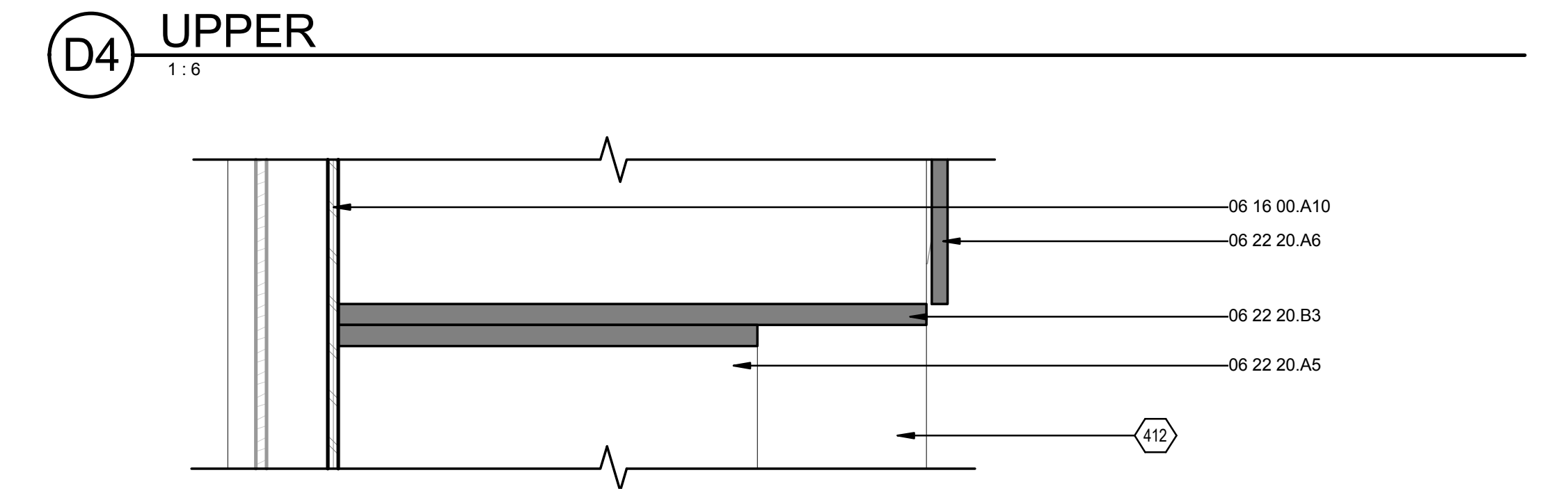
D1 KITCHEN PANTRY / FRIDGE TO EXTERNAL WALL - LOWER
1:6



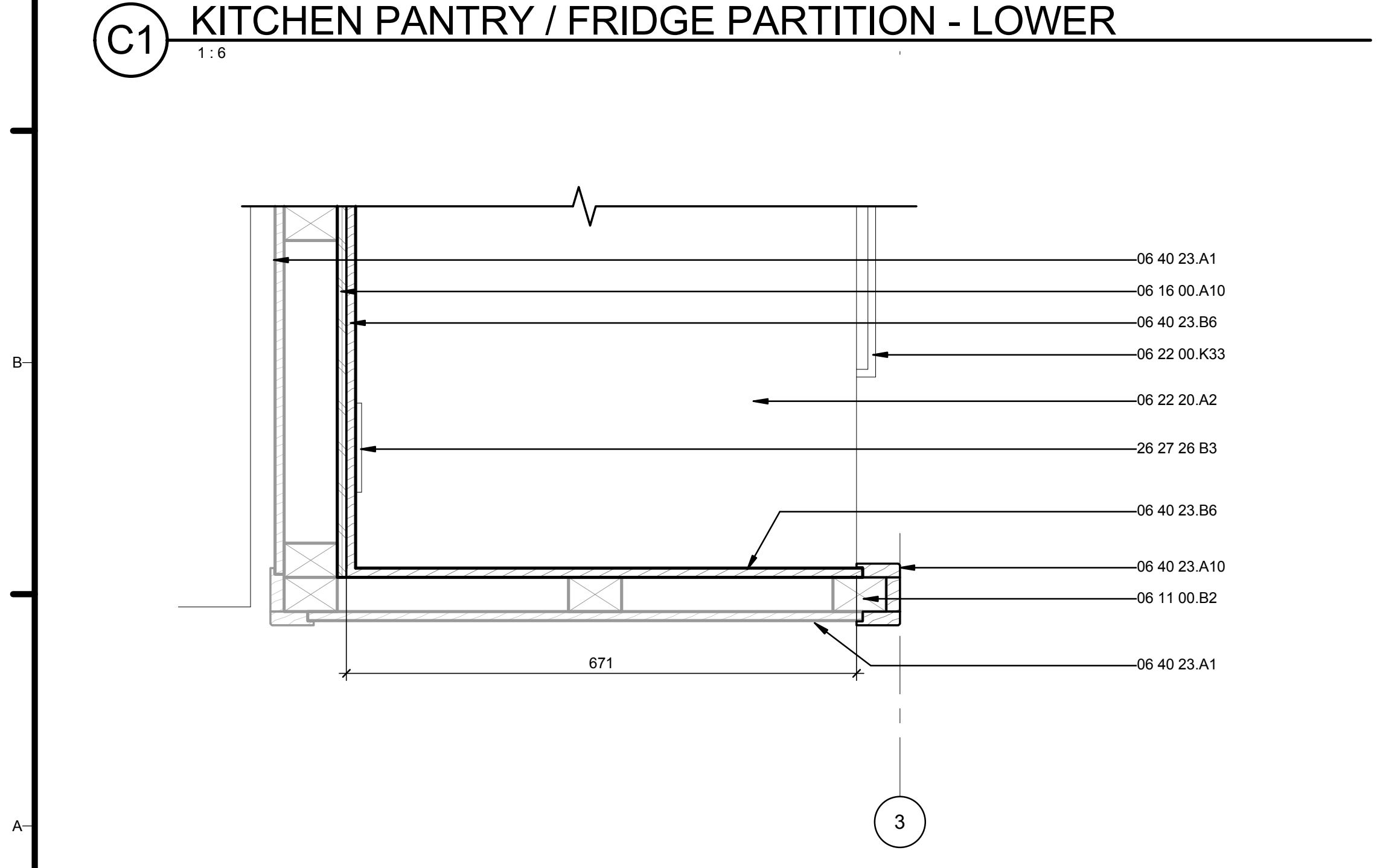
D4 KITCHEN PANTRY / FRIDGE TO EXTERNAL WALL - UPPER
1:6



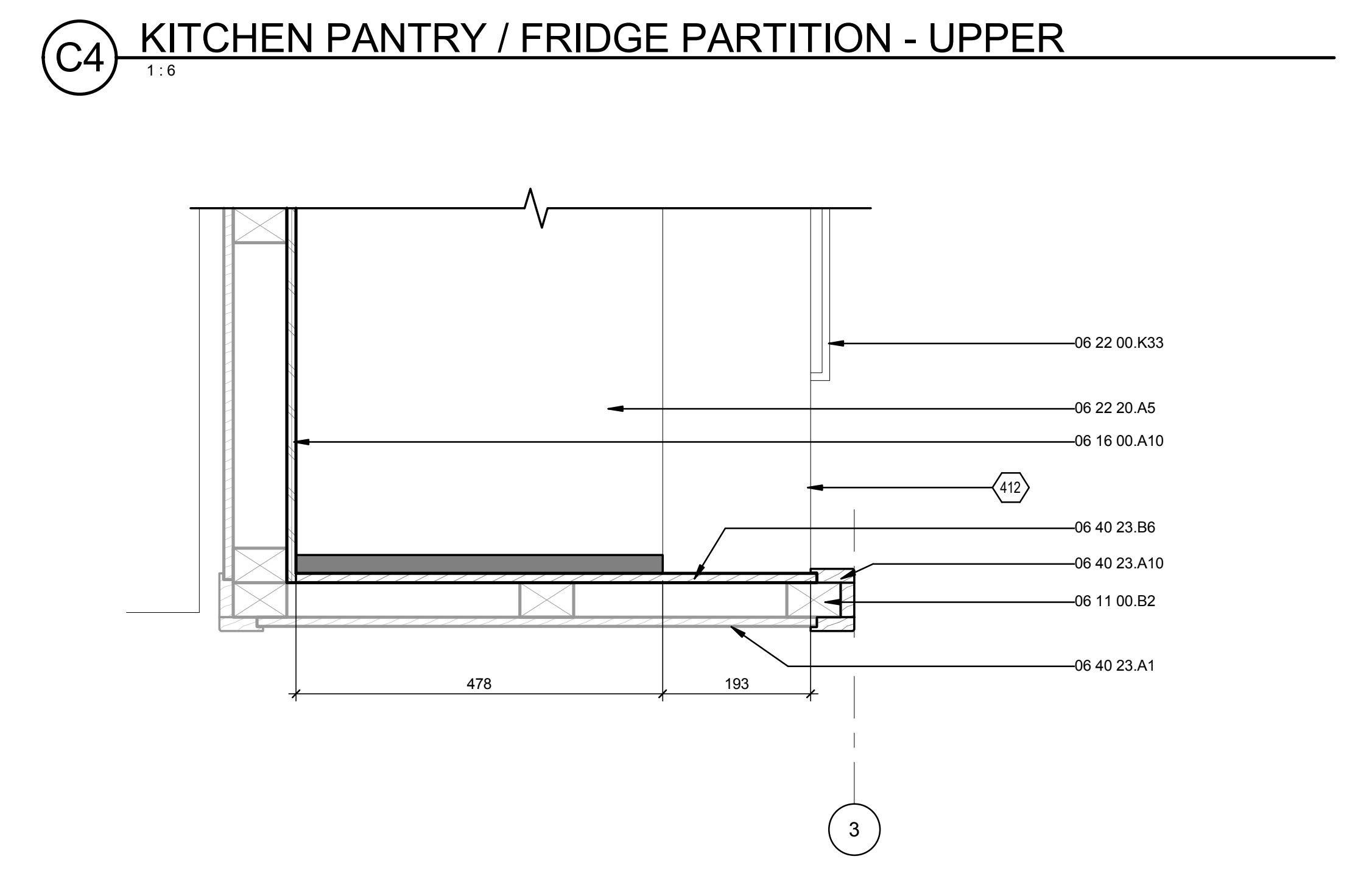
C1 KITCHEN PANTRY / FRIDGE PARTITION - LOWER
1:6



C4 KITCHEN PANTRY / FRIDGE PARTITION - UPPER
1:6



A1 KITCHEN PANTRY / FRIDGE TO SOUTH WALL - LOWER
1:6



A4 KITCHEN PANTRY / FRIDGE TO SOUTH WALL - UPPER
1:6

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 11 00.B2 70X45MM TIMBER STUD
- 06 11 00.G10 45X25MM HORIZONTAL TIMBER CAVITY BATTENS FIXED TO WALL FRAMING
- 06 16 00.A10 12MM ECOPLY LINING NAIL FIXED AT 75MM CENTRES
- 06 22 00.K33 320MM BRUSHED STAINLESS STEEL HANDLE TO KITCHEN CABINERY
- 06 22 20.A2 STAINLESS STEEL LAMINATED TO 36MM PLY BENCHTOP - STAINLESS RETURN 50MM AT BACK EDGE
- 06 22 20.A5 24MM MDF OPEN SHELVING, RIMU VENEERED ON BOTH FACES WITH RIMU EDGE TAPE APPLIED TO FRONT EDGE
- 06 22 20.A6 TOP HUNG 18MM 'RIMU HEART' LAMINATED MDF DOORS TO CABINERY - HETTICH FLAP FITTING LIFE ADVANCED HK HARDWARE
- 06 22 20.A7 18MM MDF CABINERY, RIMU VENEERED ON BOTH SIDES WITH RIMU EDGE TAPE APPLIED TO EXPOSED EDGES
- 06 22 20.B3 24MM FULL HEIGHT MDF PANEL WITH RIMU VENEER TO BOTH SIDES AND RIMU EDGE TAPE
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING
- 06 40 23.A10 EX 57X18MM INTERIOR TIMBER TRIM TO OPENINGS
- 06 40 23.B6 83X12MM HORIZONTAL TONGUE & GROOVE TIMBER BOARD INTERIOR LINING PAINTED RESENE 'PEPPERMINT'
- 11 31 13.A1 FISHER & PAYKEL FRIDGE FREEZER MODEL E331T
- 26 27 26.B3 PDL 600 SLIMLINE SERIES DOUBLE HORIZONTAL POWER SOCKETS POSITIONED AS SHOWN

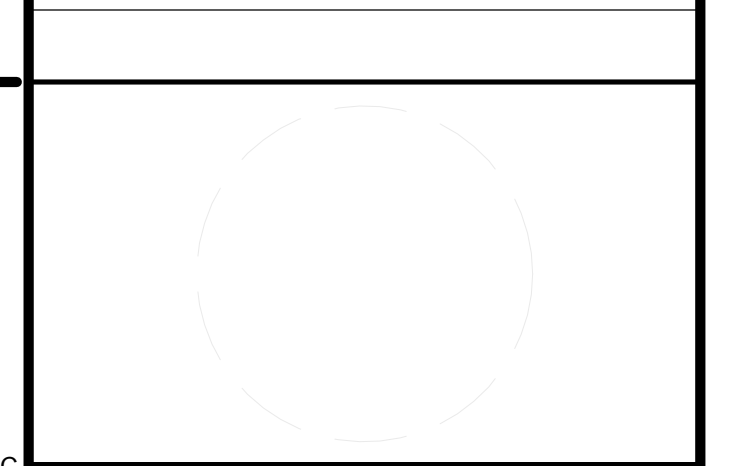
SHEET KEYNOTES

- 195 EDGES OF REMOVABLE CEILING TO OVERLAP INSIDE FACE OF INTERIOR LINING BY 6MM EACH SIDE
- 412 STAINLESS STEEL BENCHTOP BELOW
- 413 AIR CLEARANCE FOR FRIDGE
- 414 50MM CLEARANCE FOR FRIDGE ON HINGE SIDE

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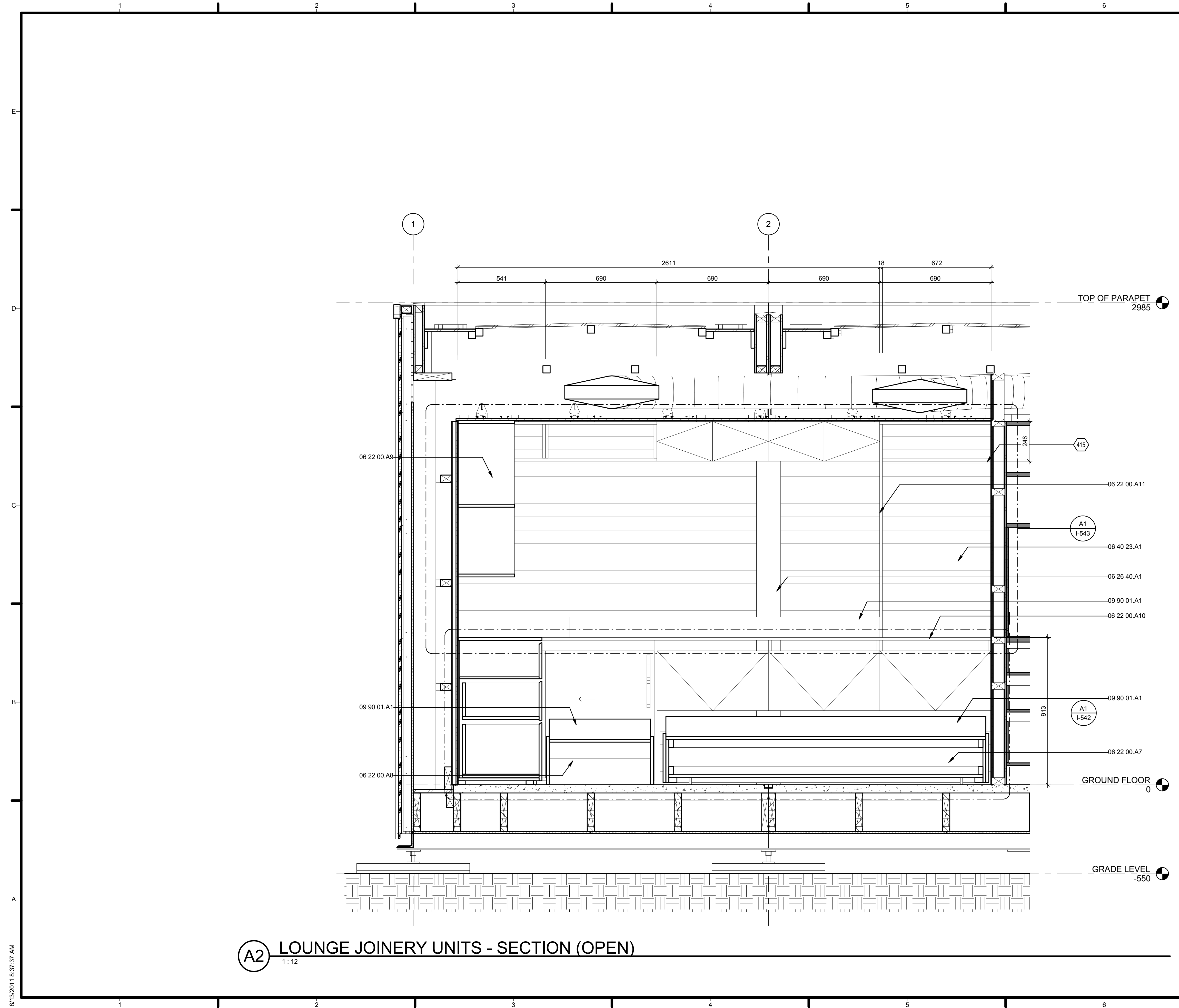
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SHEET TITLE
**KITCHEN PLAN
 DETAILS WEST**

I-501



A2 LOUNGE JOINERY UNITS - SECTION (OPEN)
1:12

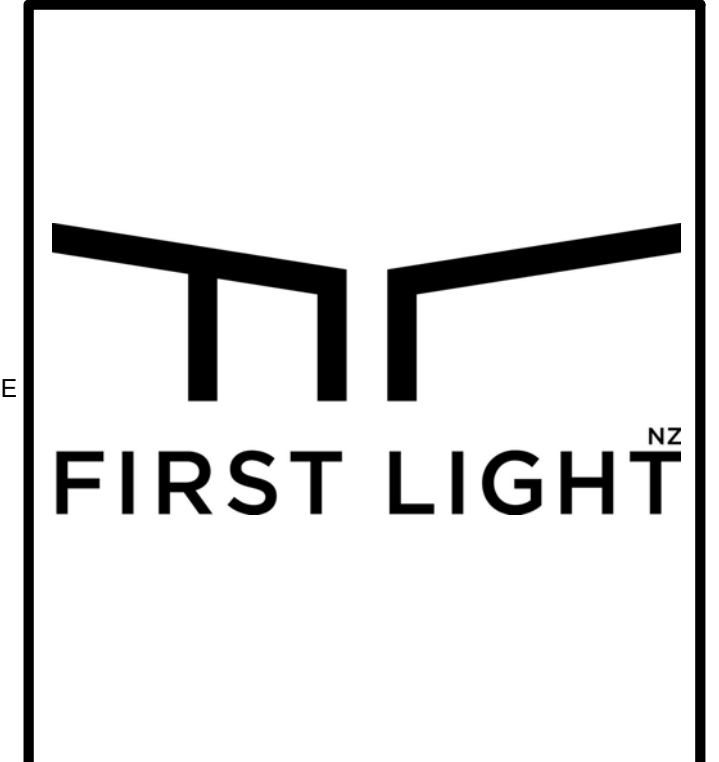
GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.A7 LIVING ROOM JOINERY - DOUBLE SOFA BED
- 06 22 00.A8 LIVING ROOM JOINERY - OTTOMAN
- 06 22 00.A9 LIVING ROOM JOINERY - BEDSIDE SHELVING/STORAGE UNIT. FIXED TO WALL AND CEILING STRUCTURE
- 06 22 00.A10 LIVING ROOM JOINERY - BUNK BED. PLATFORM ALSO ACTS AS KIDS' TV VIEWING PLATFORM WHEN BIFOLD DOORS ARE OPEN
- 06 22 00.A11 LIVING ROOM JOINERY - ABOVE BUNK SHELVING UNIT. PRE-ASSEMBLED AND TOP HUNG FROM CEILING STRUCTURE
- 06 26 40.A1 83X12MM TONGUE AND GROOVE RIMU BOARDS NAIL FIXED THROUGH TOUNGE TO METAL BATTEN
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING.
- 09 90 01.A1 UPHOLSTERED FOAM SOUJABS - FABRIC TO BE BLAZER PRESTWICK FELT

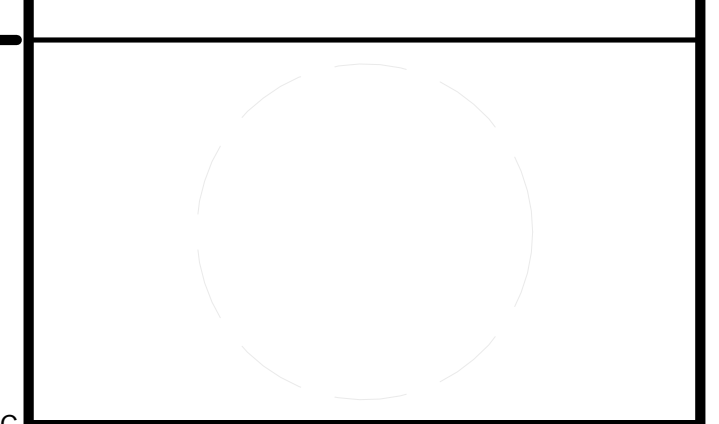
SHEET KEYNOTES

415 BIFOLD DOORS OVER BUNK BED STRUCTURE NOT SHOWN IN THIS VIEW



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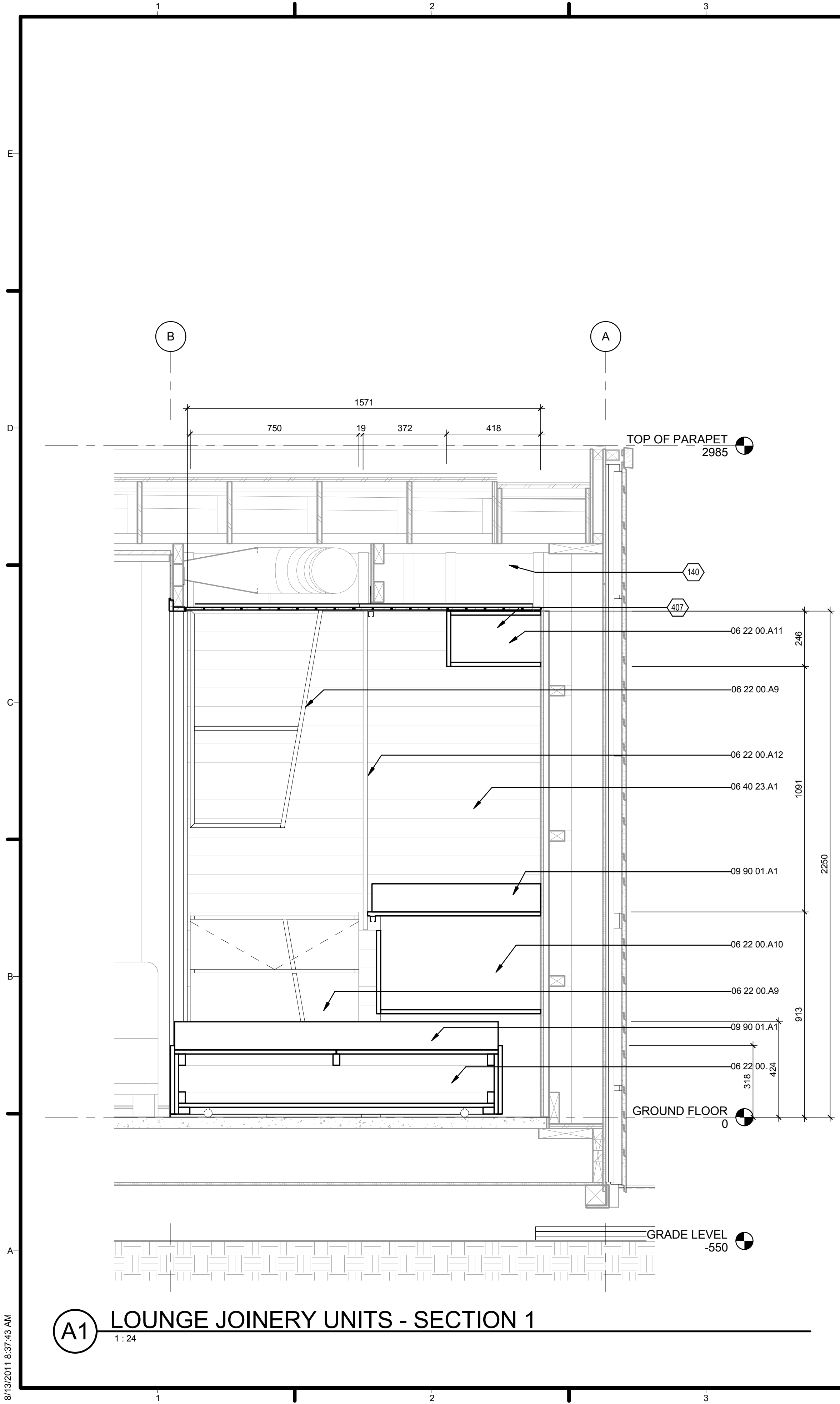
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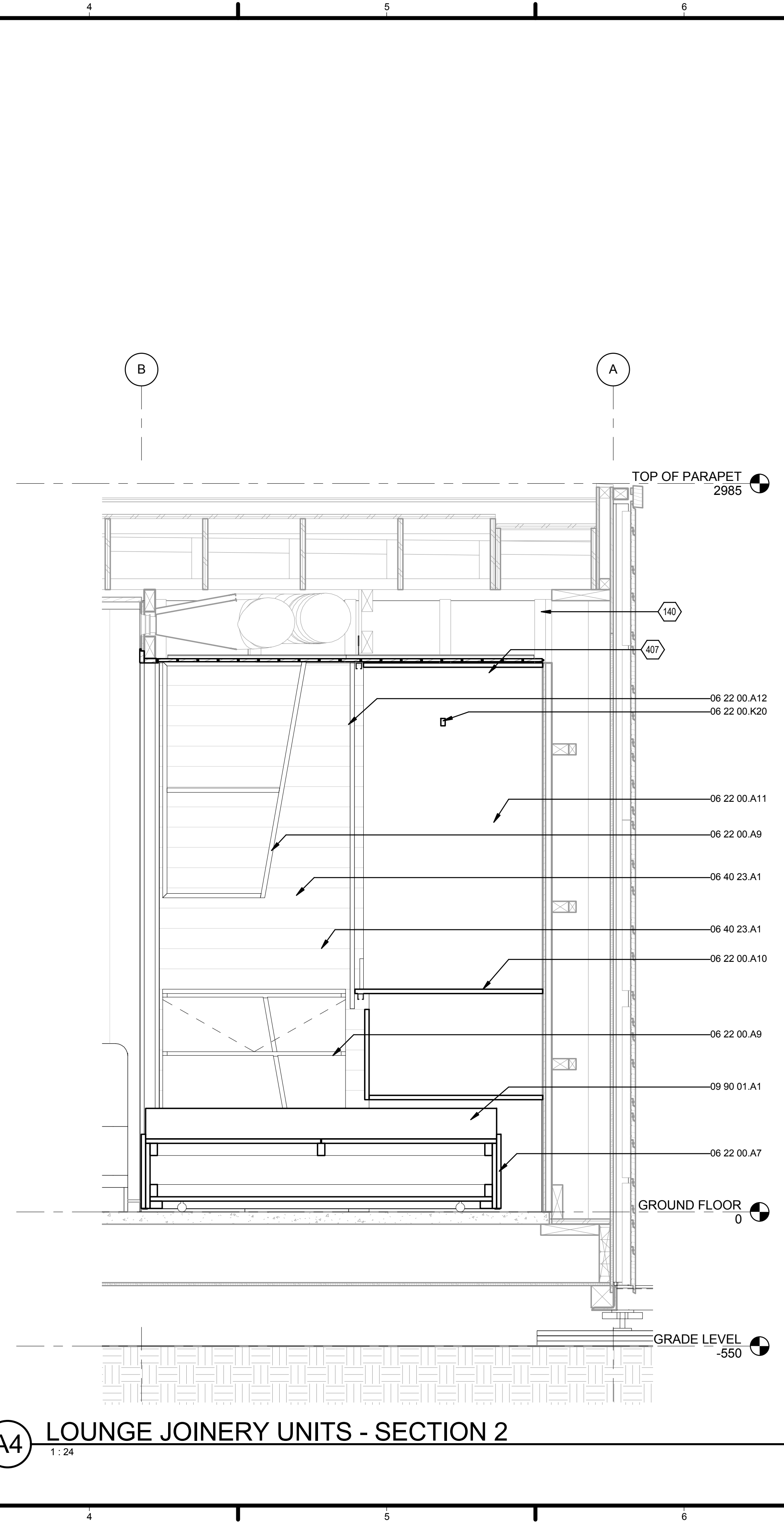
SHEET TITLE
LOUNGE JOINERY UNITS - SECTION (OPEN)

I-535

8/13/2011 8:37:37 AM



A1 LOUNGE JOINERY UNITS - SECTION 1
1:24



A4 LOUNGE JOINERY UNITS - SECTION 2
1:24

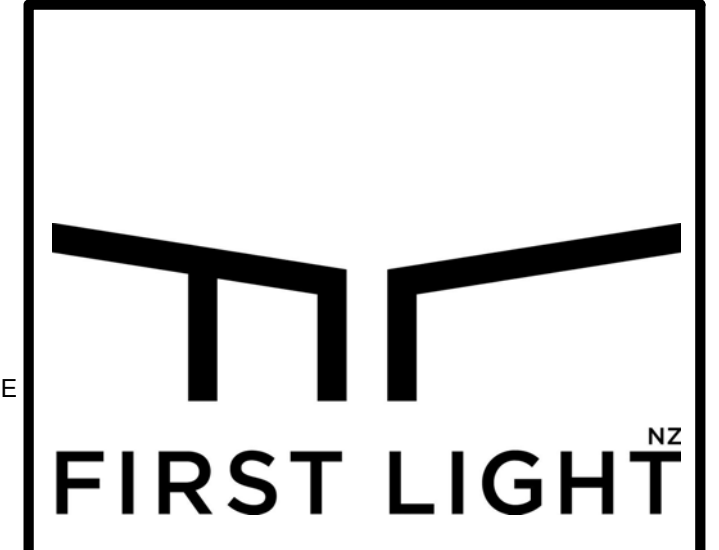
GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.A7 LIVING ROOM JOINERY - DOUBLE SOFA BED
- 06 22 00.A9 LIVING ROOM JOINERY - BEDSIDE SHELVING/STORAGE UNIT. FIXED TO WALL AND CEILING STRUCTURE
- 06 22 00.A10 LIVING ROOM JOINERY - BUNK BED. PLATFORM ALSO ACTS AS KIDS' TV VIEWING PLATFORM WHEN BIFOLD DOORS ARE OPEN
- 06 22 00.A11 LIVING ROOM JOINERY - ABOVE BUNK SHELVING UNIT. PRE-ASSEMBLED AND TOP HUNG FROM CEILING STRUCTURE
- 06 22 00.A12 LIVING ROOM JOINERY - BIFOLD DOORS. TRACK GEAR FIXED ON-SITE. BOTTOM TRACK FIXED TO BUNK SHELVING UNIT, TOP TRACK TO CEILING.
- 06 22 00.K20 ALUMINIUM BAR FIXED TO JOINERY UNIT TO CREATE HANGING SPACE
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINING.
- 09 90 01.A1 UPHOLSTERED FOAM SQUABS - FABRIC TO BE BLAZER PRESTWICK FELT

SHEET KEYNOTES

- 140 SERVICES BULKHEAD
- 407 REMOVEABLE RIMU T&G CEILING PANELS TO ALL CEILINGS THROUGH BUILDING CORE. REFER INTERIOR DRAWING SET FOR DETAILS AND SETOUT



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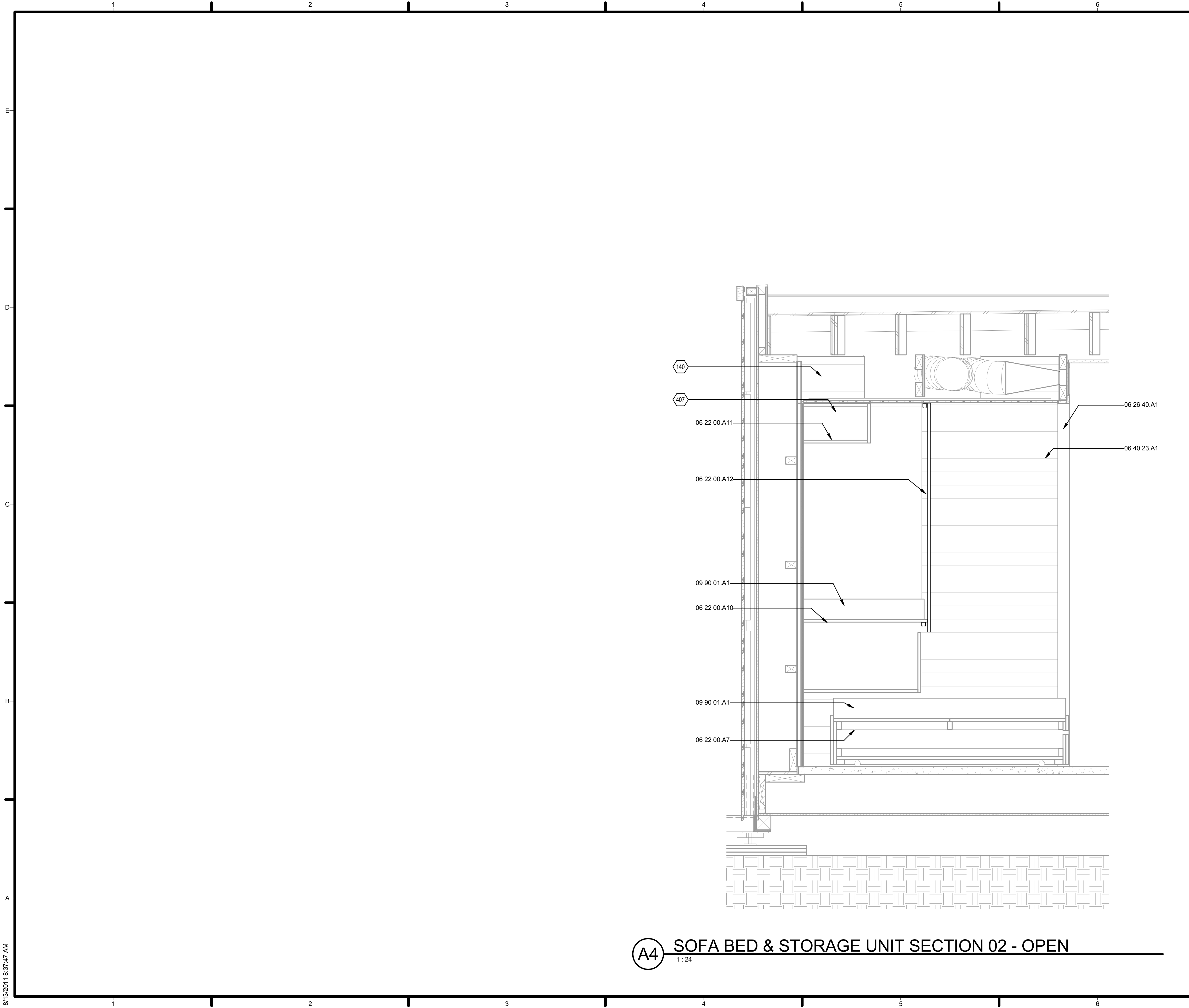


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SHEET TITLE
LOUNGE JOINERY UNIT SECTIONS

I-536



(A4) SOFA BED & STORAGE UNIT SECTION 02 - OPEN
1:24

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.A7 LIVING ROOM JOINERY - DOUBLE SOFA BED
- 06 22 00.A10 LIVING ROOM JOINERY - BUNK BED. PLATFORM ALSO ACTS AS KIDS' TV VIEWING PLATFORM WHEN BIFOLD DOORS ARE OPEN
- 06 22 00.A11 LIVING ROOM JOINERY - ABOVE BUNK SHELVING UNIT. PRE-ASSEMBLED AND TOP HUNG FROM CEILING STRUCTURE
- 06 22 00.A12 LIVING ROOM JOINERY - BIFOLD DOORS. TRACK GEAR FIXED ON-SITE. BOTTOM TRACK FIXED TO BUNK SHELVING UNIT. TOP TRACK TO CEILING.
- 06 26 40.A1 83X12MM TONGUE AND GROOVE RIMU BOARDS NAIL FIXED THROUGH TONGUE TO METAL BATTEN
- 06 40 23.A1 83X12MM HORIZONTAL TONGUE & GROOVE RIMU TIMBER BOARD INTERIOR LINNING.
- 09 90 01.A1 UPHOLSTERED FOAM SQUABS - FABRIC TO BE BLAZER PRESTWICK FELT

SHEET KEYNOTES

- 140 SERVICES BULKHEAD
- 407 REMOVEABLE RIMU T&G CEILING PANELS TO ALL CEILING THROUGH BUILDING CORE - REFER INTERIOR DRAWING SET FOR DETAILS AND SETOUT



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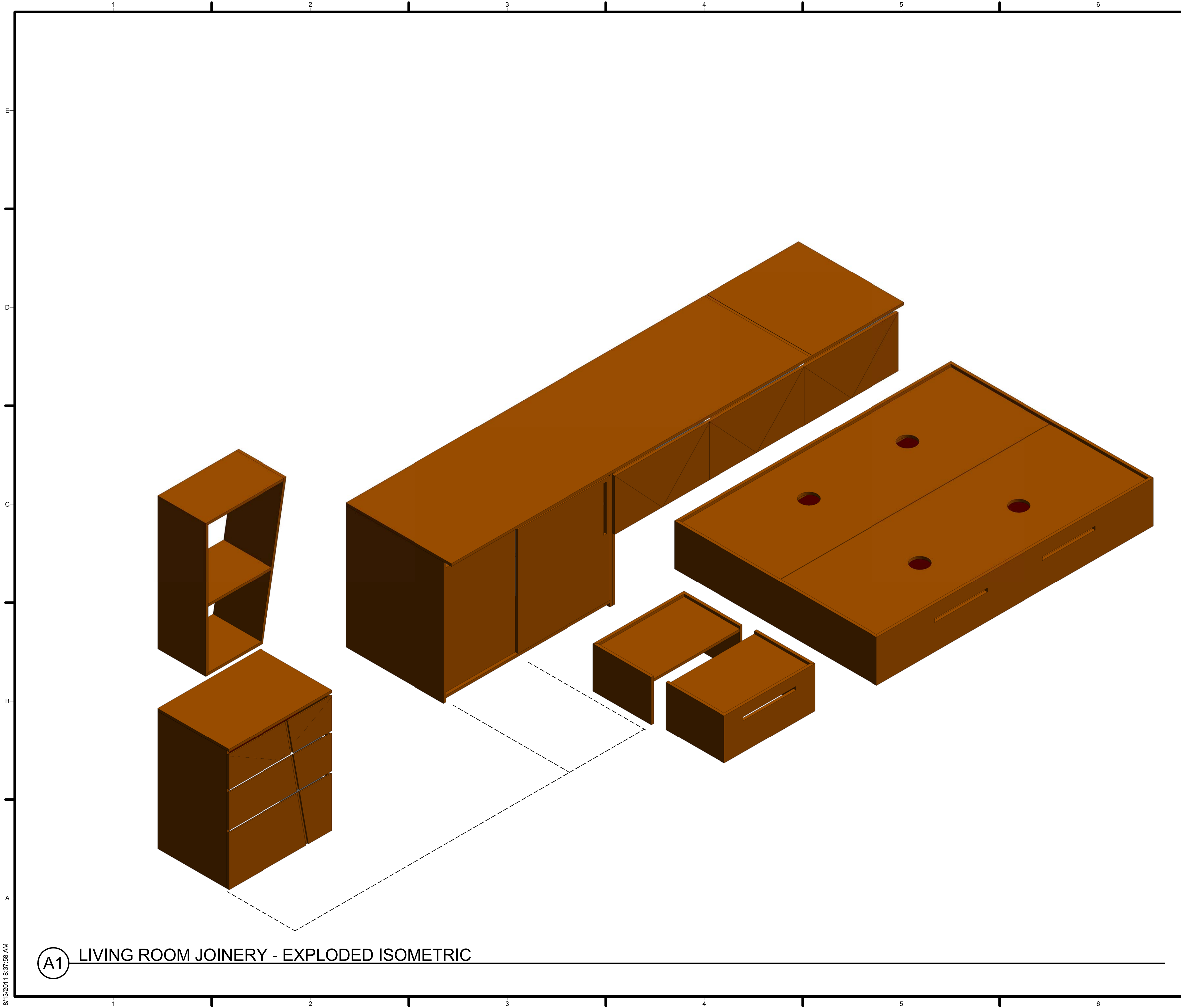
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SHEET TITLE
 LOUNGE JOINERY UNIT
 - SECTIONS

I-537



(A1) LIVING ROOM JOINERY - EXPLODED ISOMETRIC

GENERAL SHEET NOTES

REFERENCE KEYNOTES

SHEET KEYNOTES



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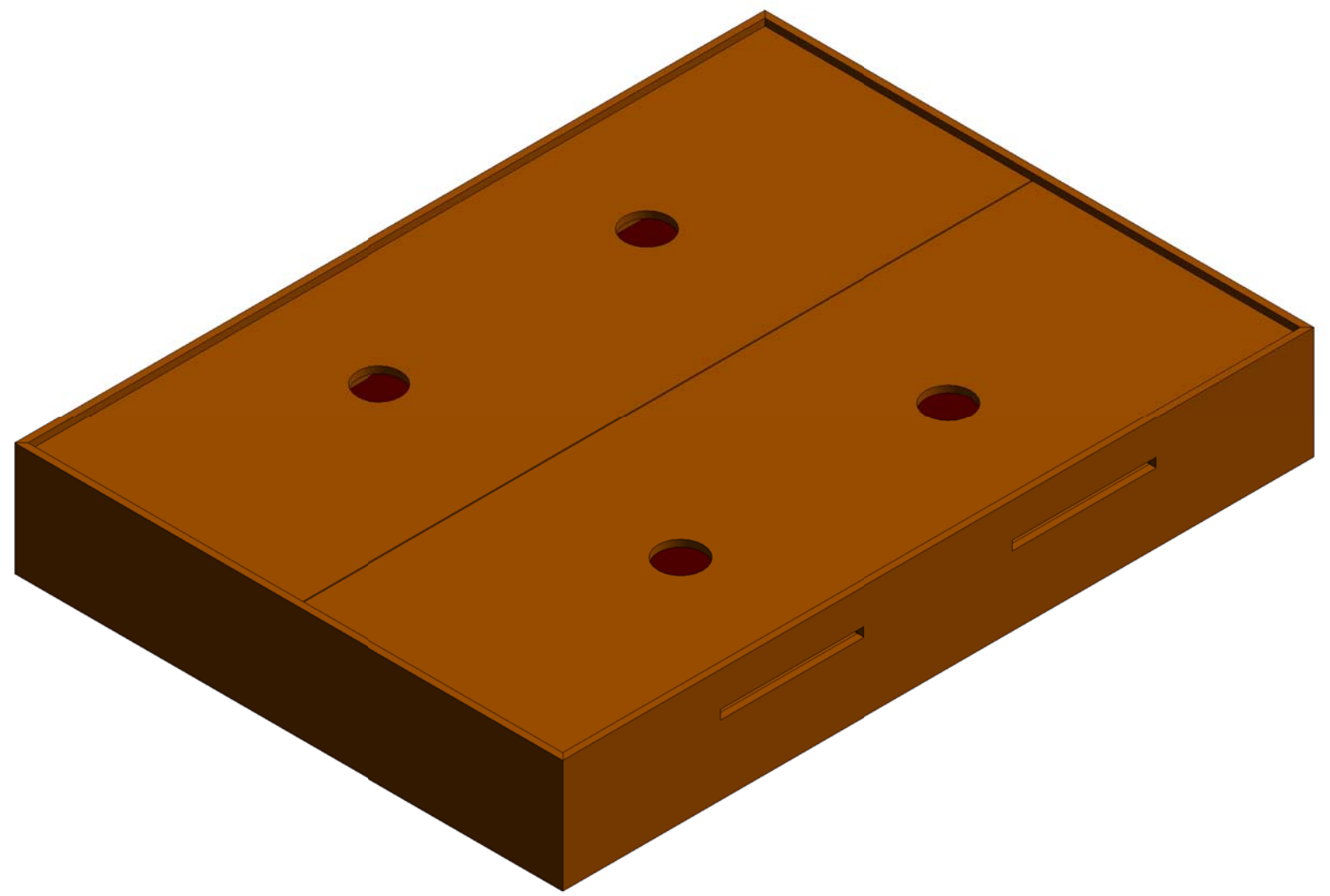
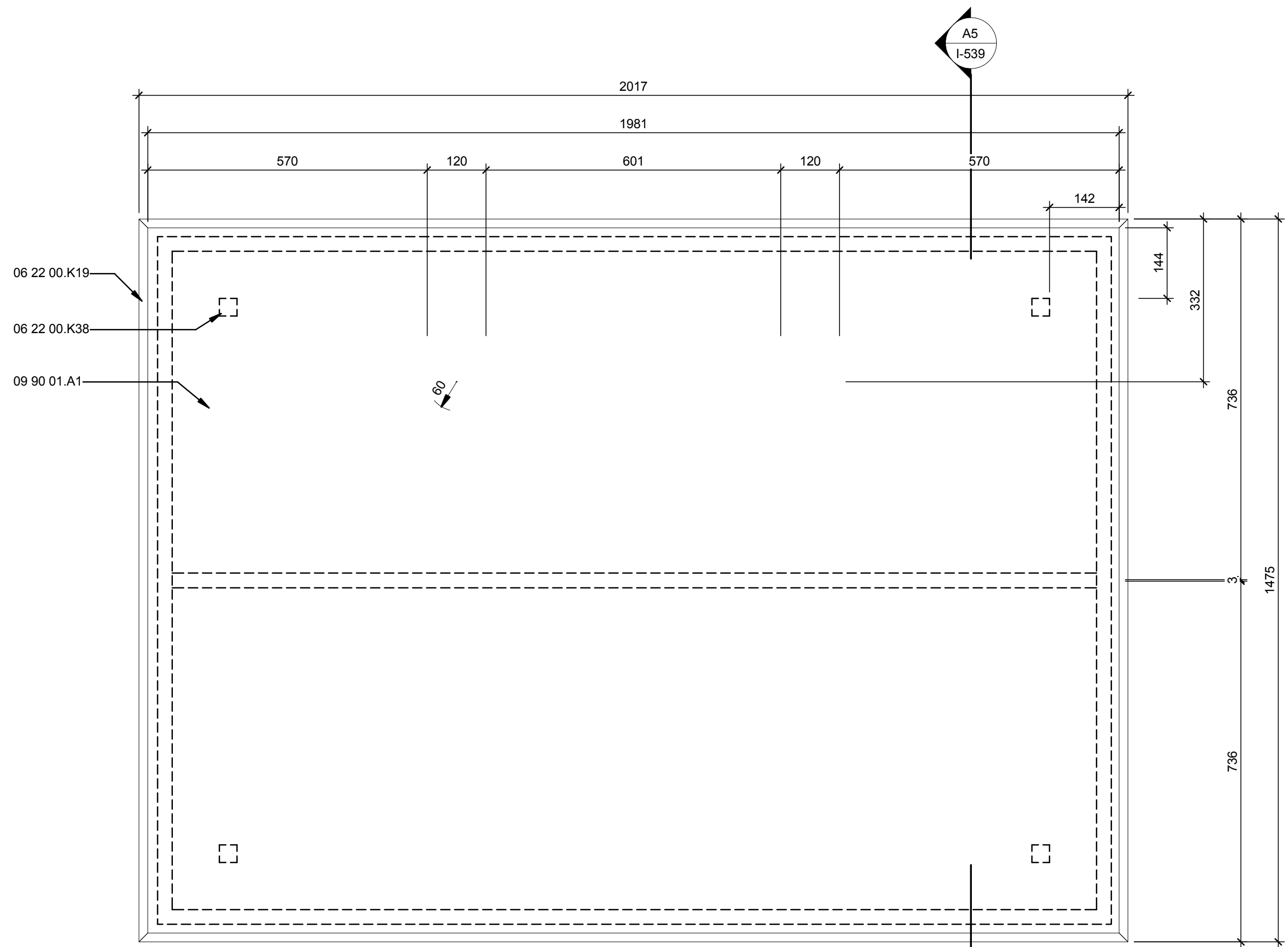


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SHEET TITLE
**LIVING ROOM JOINERY
 EXPLODED ISOMETRIC**

I-538



C1 SOFA BED PLAN
1:8

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.K19 18MM MDF WITH 'RIMU HEART' VENEER. RIMU EDGE TAPE APPLIED TO FRONT EDGE
- 06 22 00.K26 50 X 30MM TIMBER RUNNERS
- 06 22 00.K27 STOP ROLL SPRING LOADED CASTOR WHEELS WITH CENTRAL AND PRESSURE LOCKING, FIXED TO BED BASE
- 06 22 00.K28 18MM MDF WITH 'RIMU HEART' LAMINATE TO BOTH FACES. PANELS LIFT OFF FOR ACCESS TO BED BOX STORAGE
- 06 22 00.K29 18MM HARDBOARD BED BOX BASE
- 06 22 00.K30 2MM RUBBER STRIP TO UNDERSIDE OF BED BOX
- 06 22 00.K37 25MM ROUTED FINGER HANDLE
- 06 22 00.K38 CASTOR MOUNTING PANEL LOCATED ON UNDERSIDE OF HARDBOARD BASE
- 09 90 01.A1 UPHOLSTERED FOAM SQUABS - FABRIC TO BE BLAZER PRESTWICK FELT

SHEET KEYNOTES



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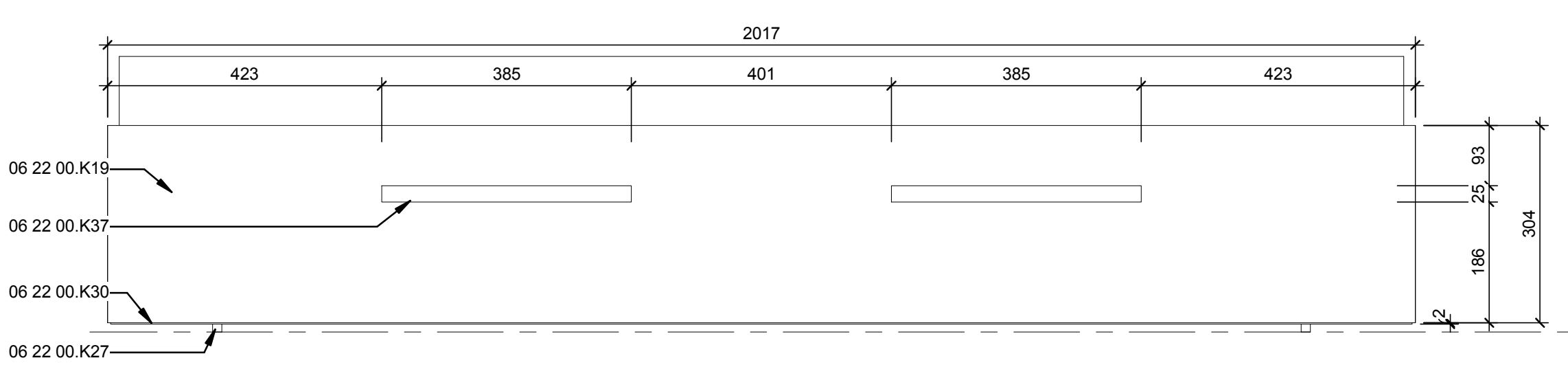
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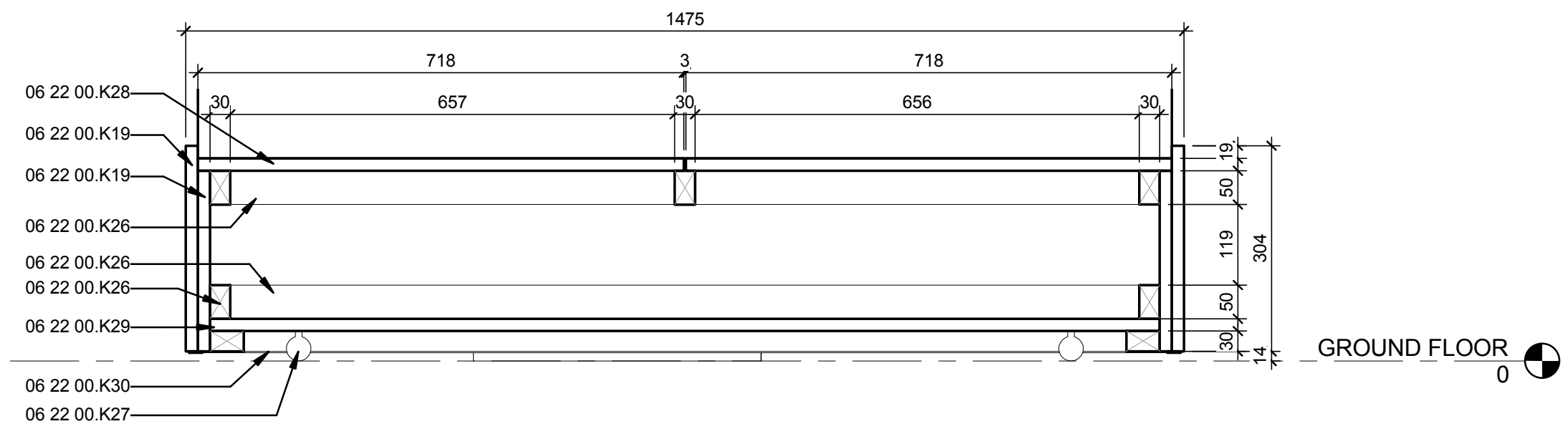
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SHEET TITLE
DOUBLE SOFA BED DETAILS

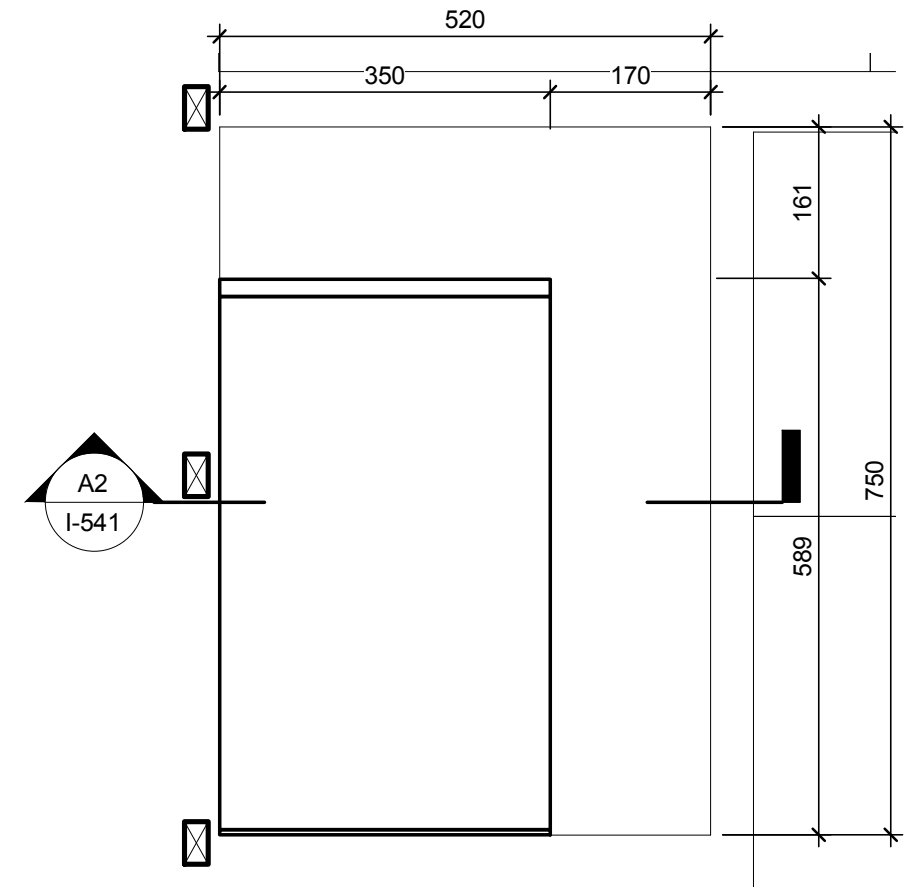
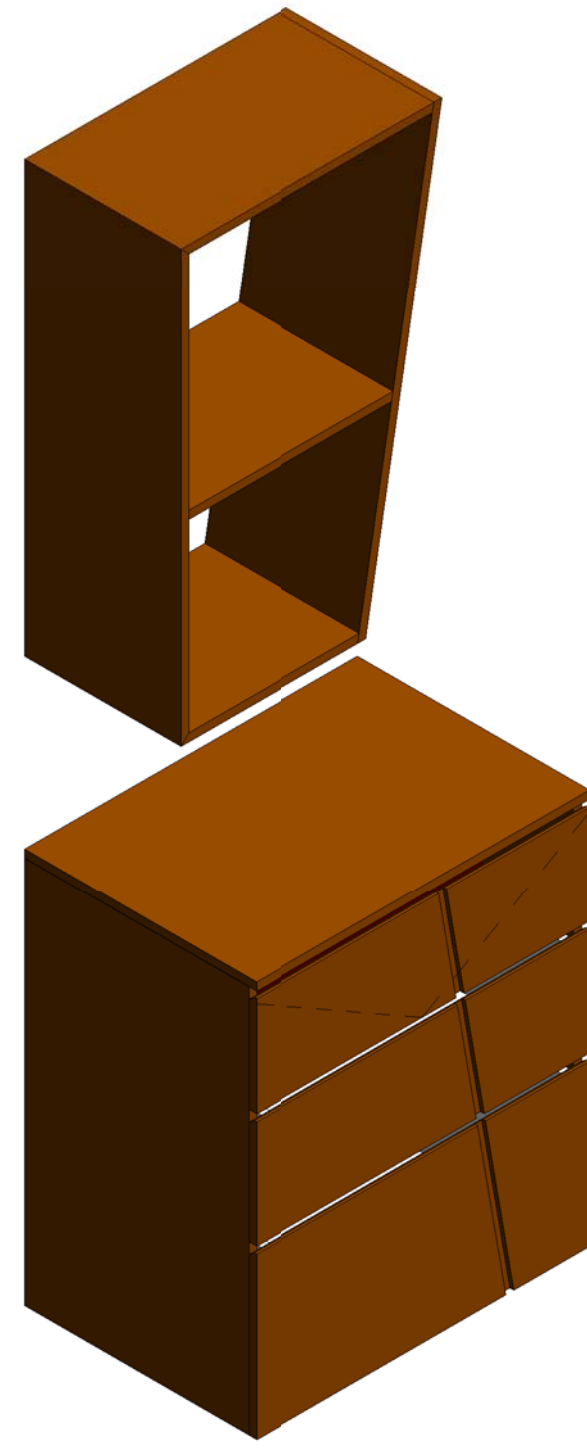
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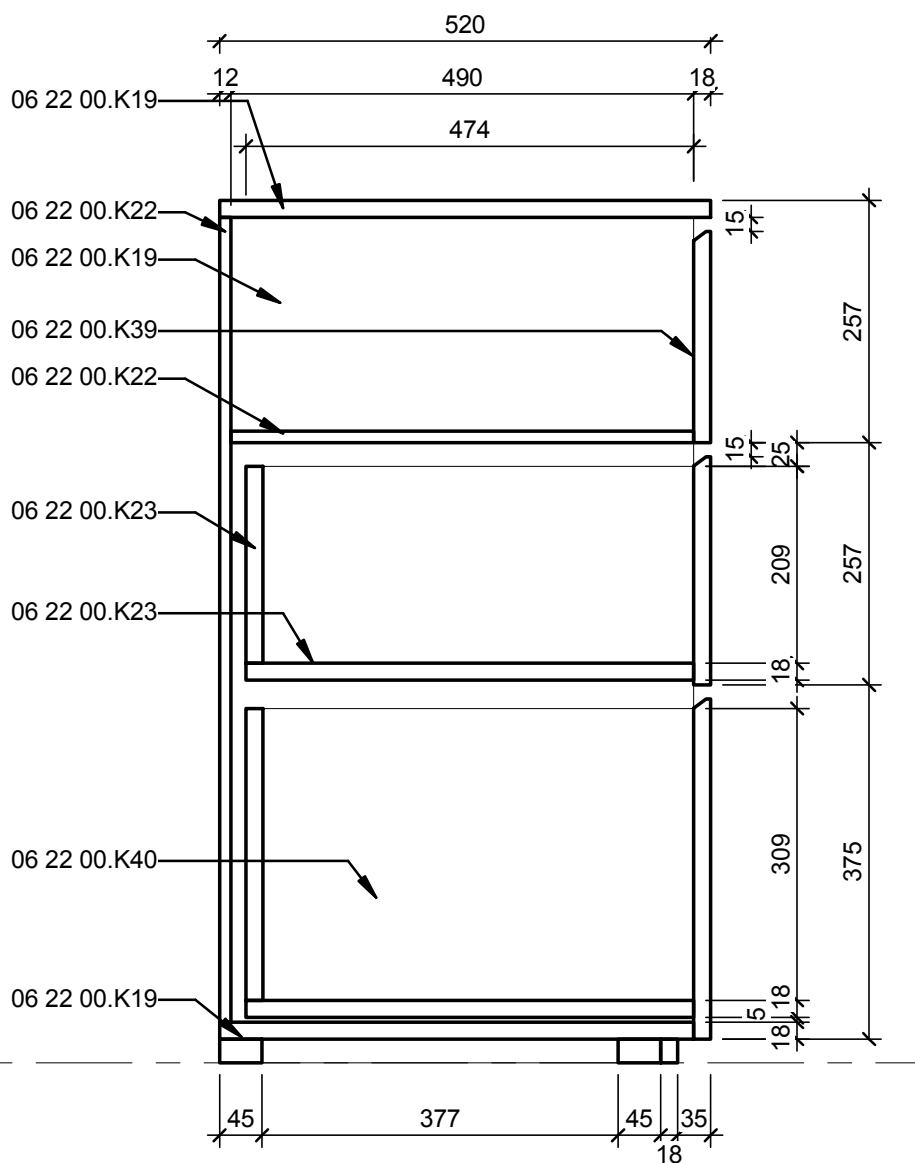
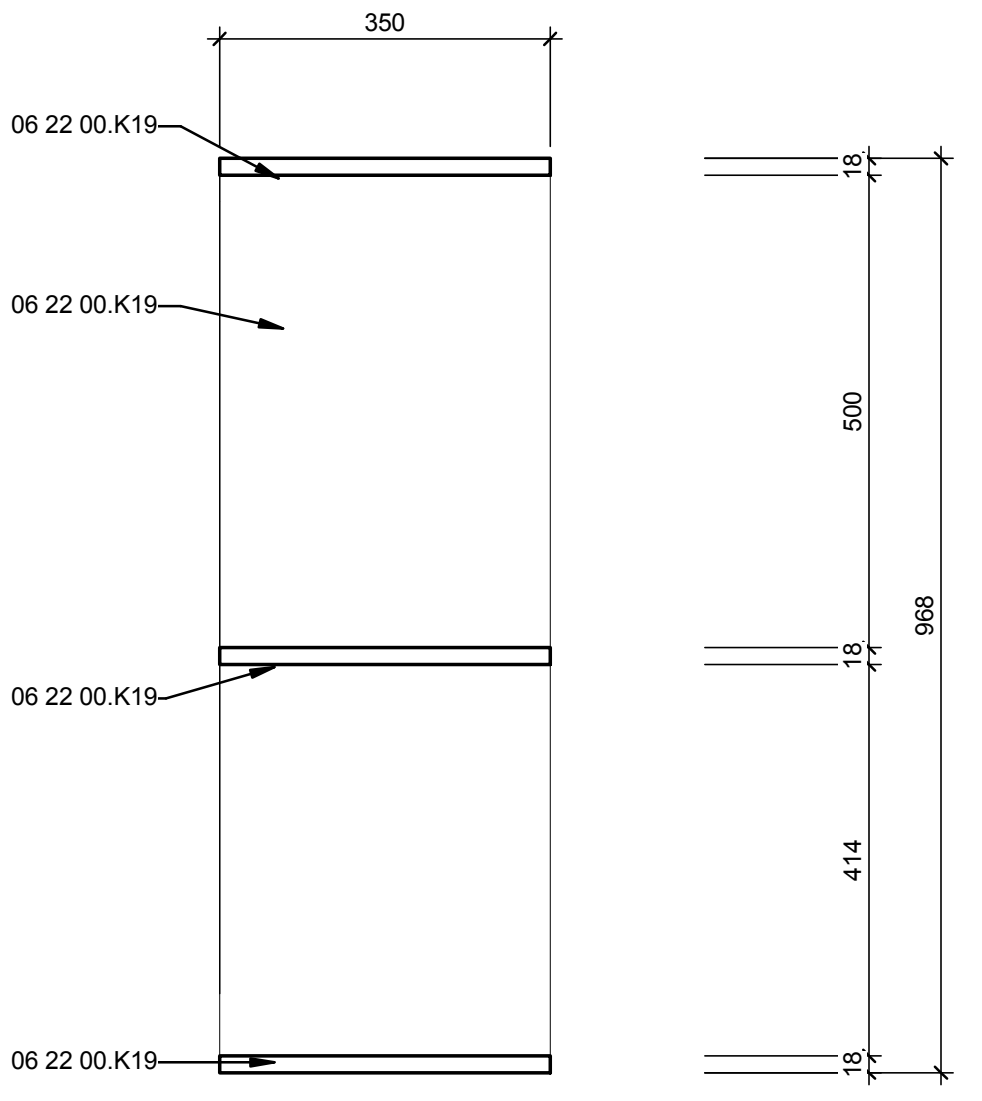
A1 SOFA BED FRONT ELEVATION
1:8



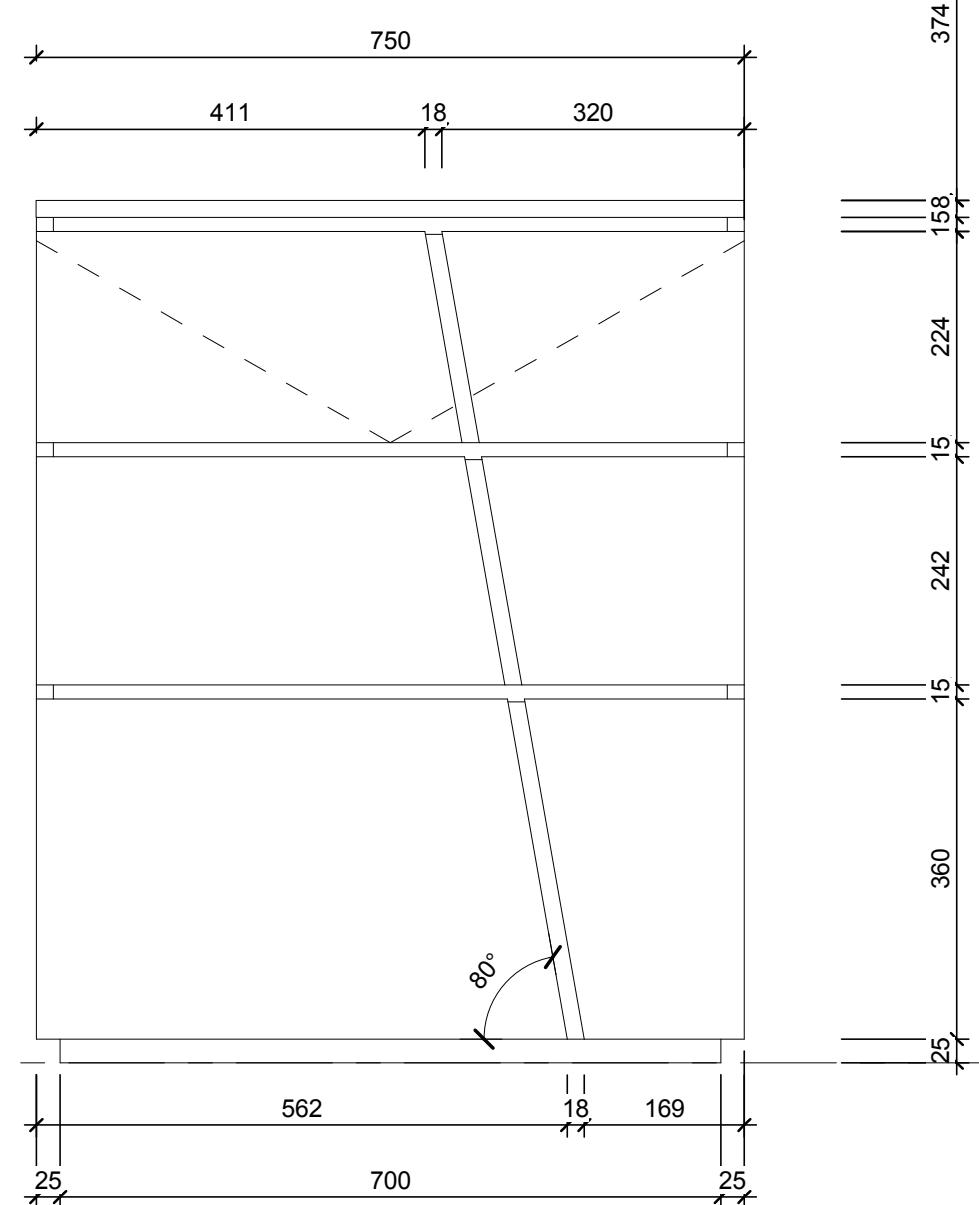
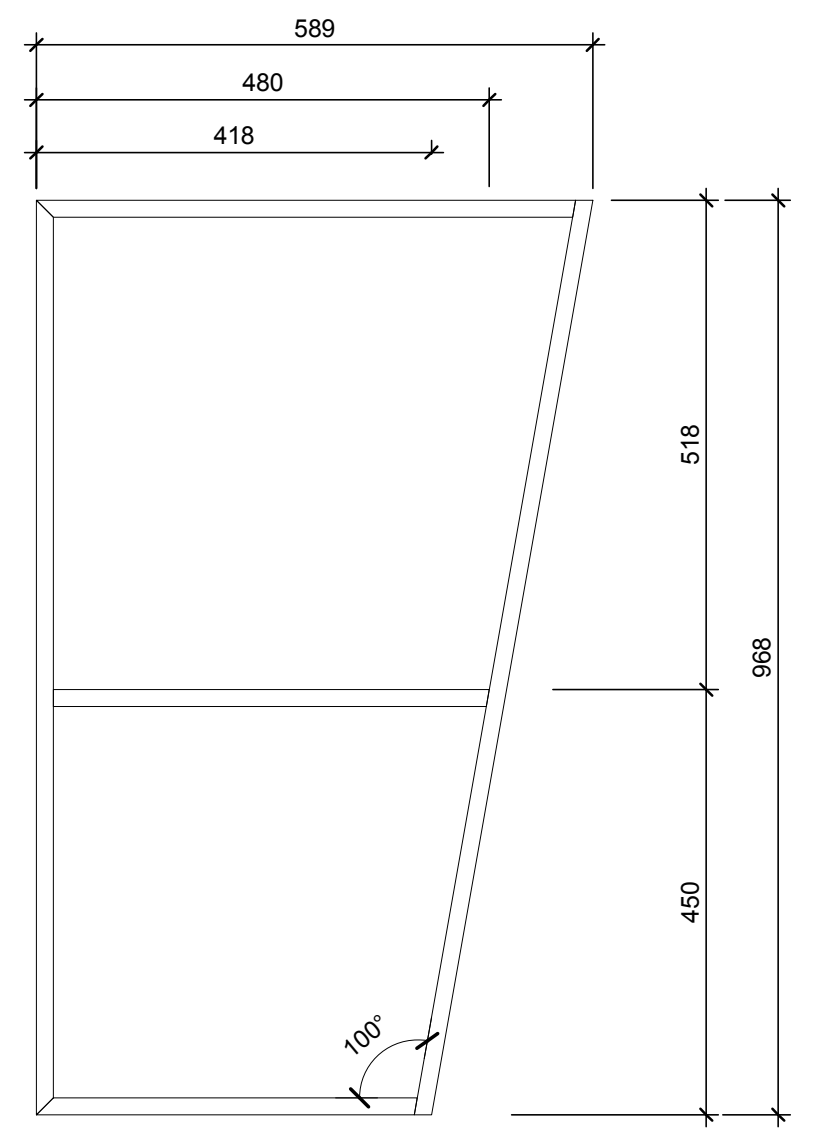
A5 SOFA BED SECTION
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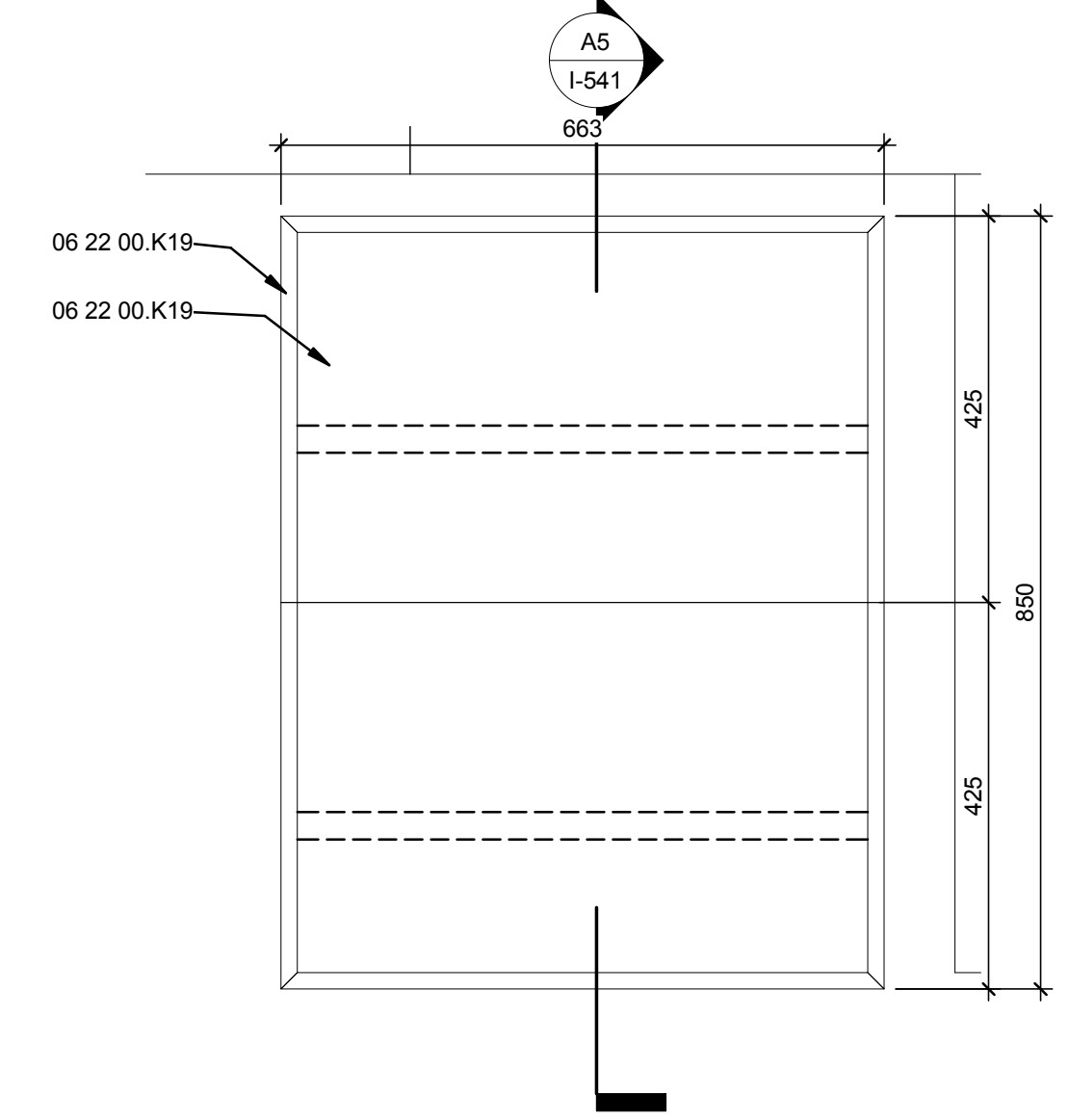
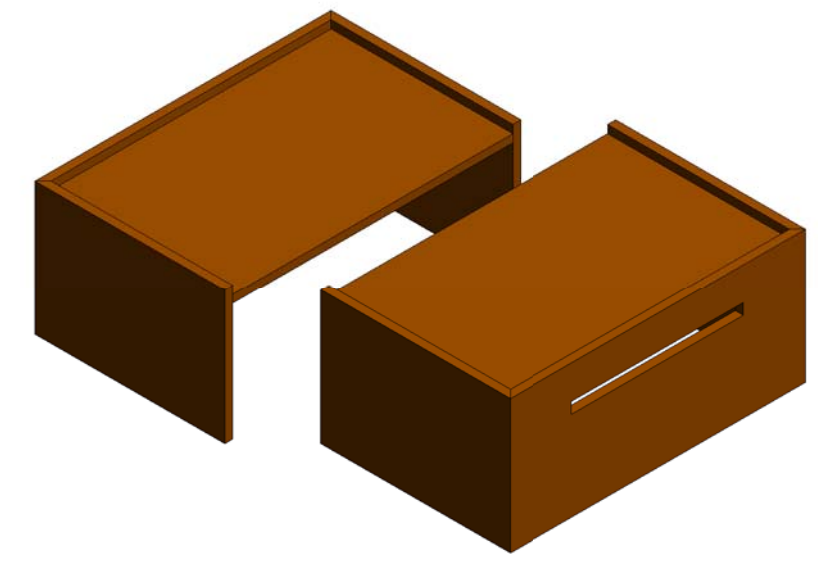
D2 STORAGE UNIT PLAN
1:8



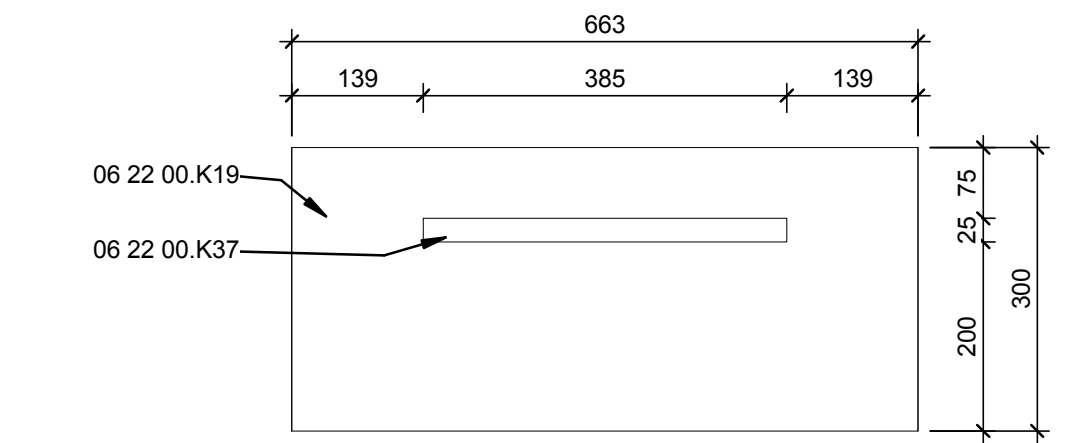
A2 STORAGE UNIT SECTION
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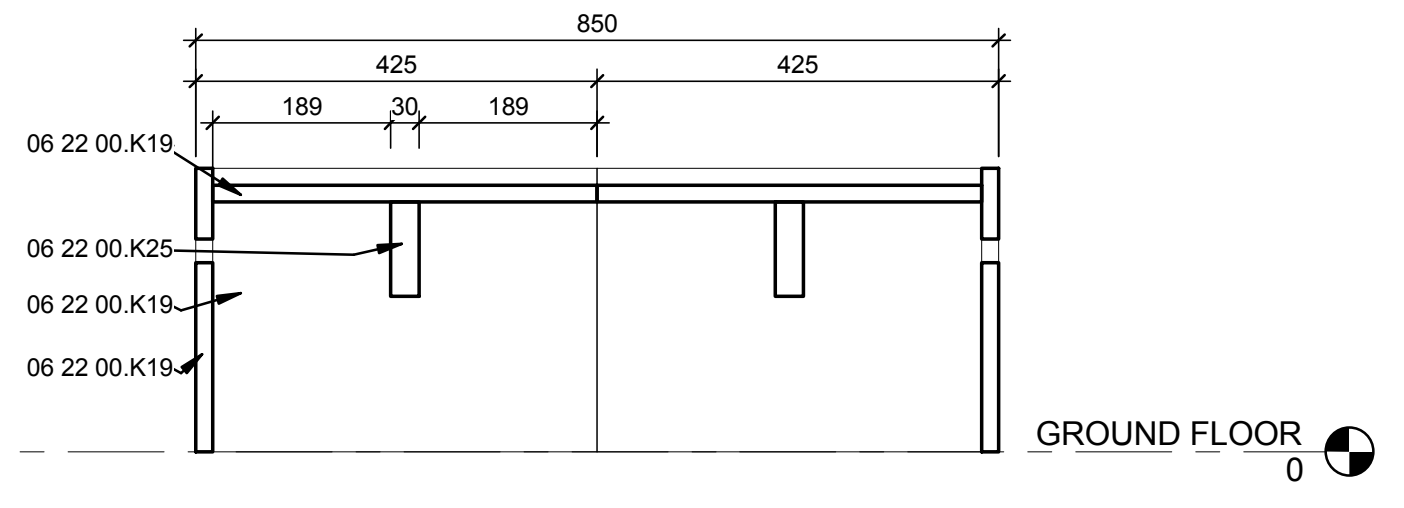
A4 B STORAGE UNIT ELEVATION
1:8



C5 OTTOMAN PLAN DETAILS
1:8



B5 OTTOMAN ELEVATION DETAILS
1:24



A5 OTTOMAN SECTION DETAILS
1:8

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 06 22 00.K19 18MM MDF WITH 'RIMU HEART' VENEER. RIMU EDGE TAPE APPLIED TO FRONT EDGE
- 06 22 00.K22 12MM HARDBOARD SHELF
- 06 22 00.K23 18MM WHITE MELTECA DRAWER CARCASS
- 06 22 00.K25 100 X 30MM TIMBER RUNNER
- 06 22 00.K37 25MM ROUTED FINGER HANDLE
- 06 22 00.K39 HETTICH FLAP STAY CENTRA S 20 & FLAP HINGE MARKANT 11
- 06 22 00.K40 HETTICH MULTITECH LS AND QUADRO V6 DRAWER RUNNERS TO LOWER DRAWERS

SHEET KEYNOTES

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 U.S. DEPARTMENT OF ENERGY
 SOLAR DECATHLON 2011
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MARK	DATE	DESCRIPTION
CN	11-01-11	FOR CONSTRUCTION

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SHEET TITLE
**BEDSIDE STORAGE
 UNIT AND OTTOMAN
 DETAILS**

I-541

GENERAL SHEET NOTES

1. LANDSCAPE AND PLANTING ELEMENTS NOT SHOWN IN THIS VIEW FOR CLARITY - REFER P-101 FOR PLUMBING SITE PLAN

REFERENCE KEYNOTES

- 05 12 00.A17 450X450MM STEEL DECK SCAFFOLD FOOTING
- 05 12 00.L4 48MM STANDARD SCAFFOLD POLE
- 06 15 13.C1
- 06 15 13.C2
- 22 12 00.A3 768 LITRE / 203 GALLON WASTE WATER STORAGE TANKS LOCATED UNDERNEATH DECKING. TANKS TO BE WET EARTH BLADDER TANKS. 1600 X 1600 X 300MM
- 22 12 00.A4 WASTE WATER REMOVAL POINTS
- 22 12 00.B3 TIMBER SUPPORT STRUCTURE FOR GREY WATER TANKS. 75 X 90MM BEARERS WITH 18MM PLY OVER. BEARING PRESSURE 50 KPA FOR CENTRAL BEARER, 20 KPA FOR OUTER BEARERS
- 22 13 16.A1 80MM PVC WASTE PIPE
- 22 13 16.A2 65MM PVC WASTE PIPE
- 22 13 16.B1 65MM PVC VENT PIPE
- 22 41 00.A1 380 X 380 X 130MM TRENZ SEMI RECESSED BASIN. MODEL 4148-C
- 22 41 00.A2 IMEX CB-1088 ARCO BACK-TO-WALL TOILET PAN WITH FULLY FRAMED 'WATERMARK' DUAL FLUSH IN-WALL CISTERN. REFER MANUFACTURERS SPECIFICATIONS FOR INSTALLATION DETAILS

SHEET KEYNOTES

- 233 65MM DRAIN @ 1:40 FALL
- 234 WC NOT CONNECTED TO MAIN DRAIN AND CAPPED FOR PURPOSES OF THE COMPETITION
- 235 40MM 1:40 WASTE WATERPIPE FROM KITCHEN SINK VIA TRAP
- 236 80MM DRAIN @ 1:60
- 237 PIPE TO RUN ALONG EDGE OF BUILDING BUT BELOW DECK SO EASY ACCESS TO JOIN BETWEEN MODULES ON SITE BUT CANNOT BE SEEN ONCE THE DECK IS IN PLACE
- 238 PIPE JOINED WITH SCREW FIT CONNECTIONS BETWEEN MODULE JOINS
- 239 50MM VENT PIPE
- 240 40MM 1:40 TRAPPED TUNDISH TO ACCPET WASHING MACHINE OUTLET



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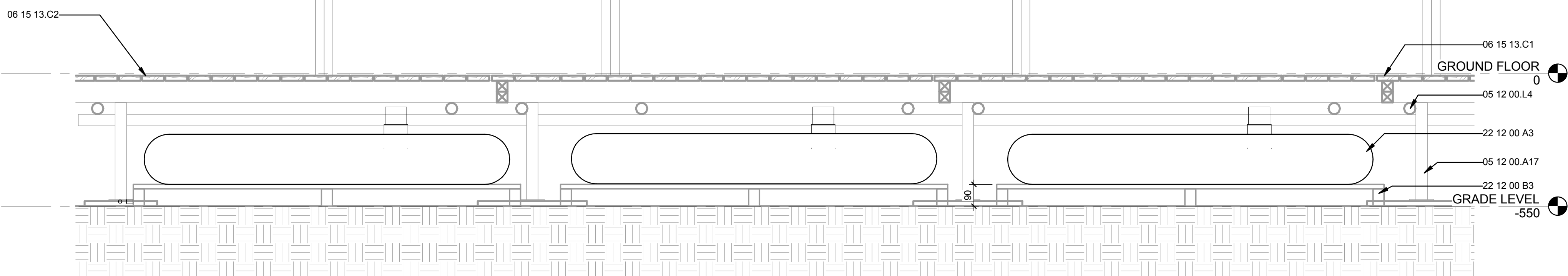
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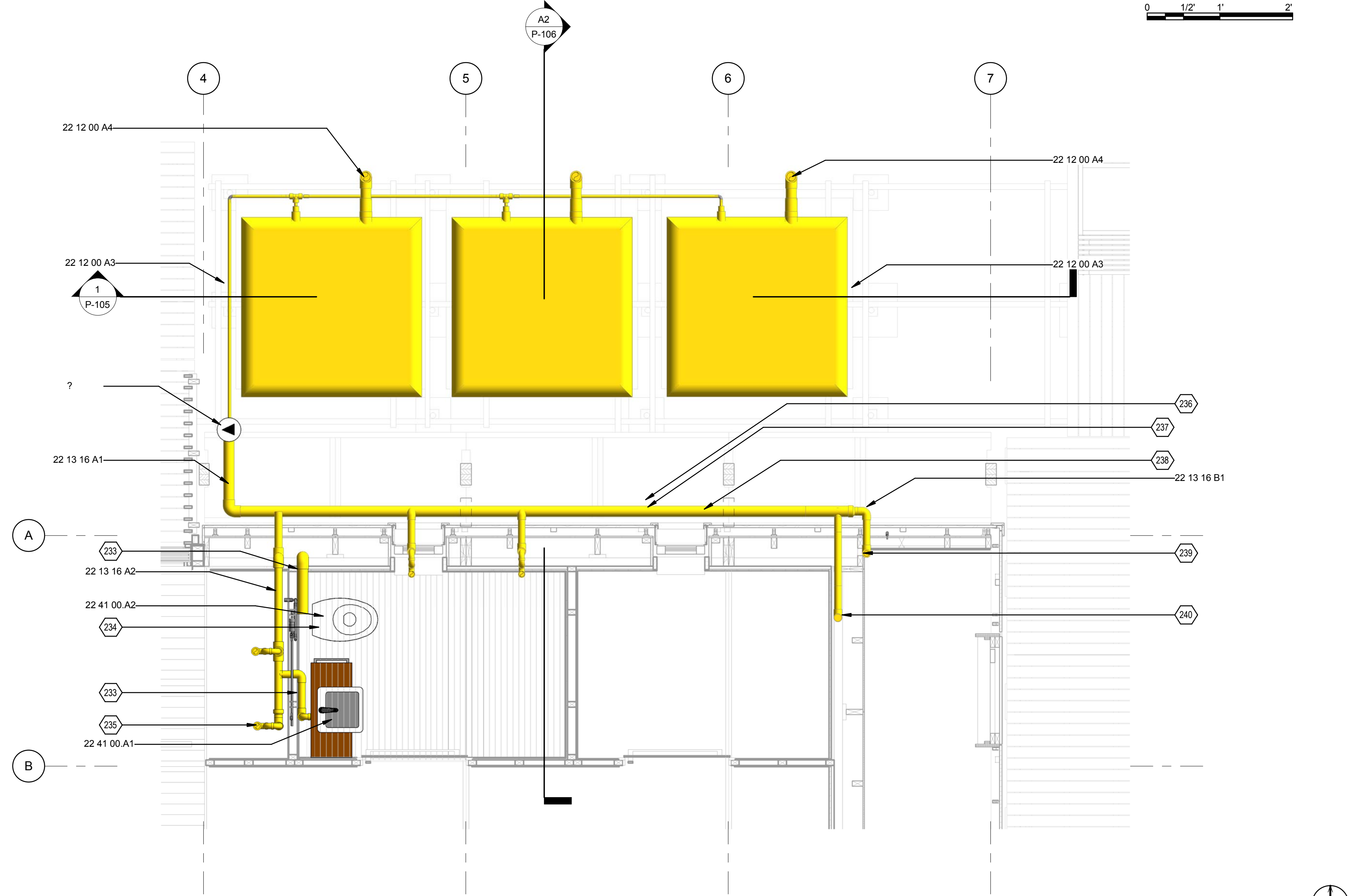
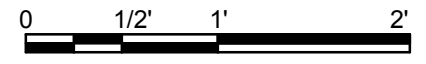
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SHEET TITLE
PLUMBING - WASTE WATER

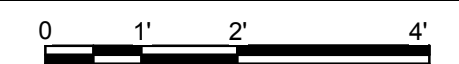
P-105



1 SECTION THROUGH GREY WATER TANKS
 1:12



A2 WASTE WATER PLAN
 1:24



8/13/2011 8:47:44 AM



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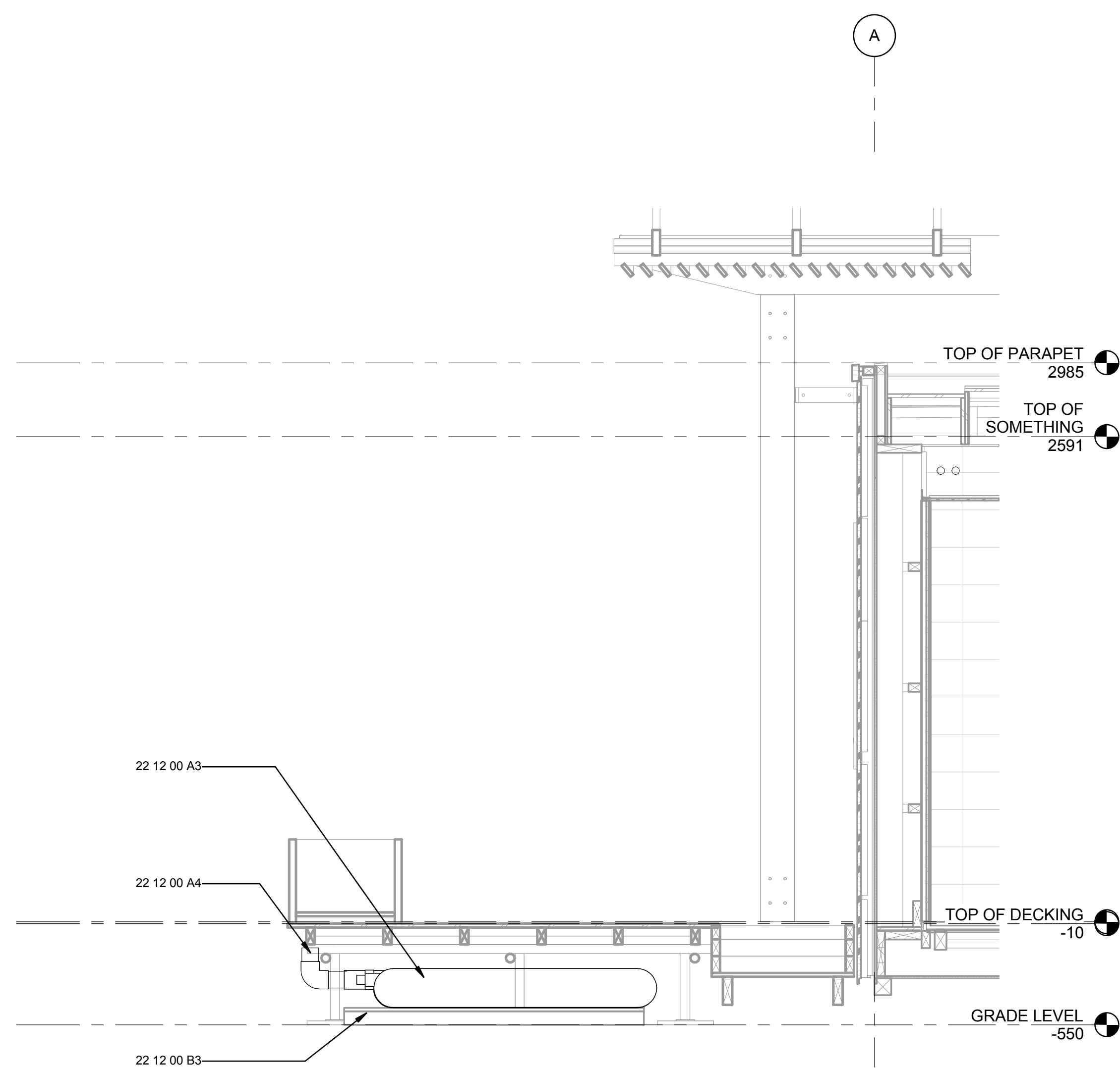
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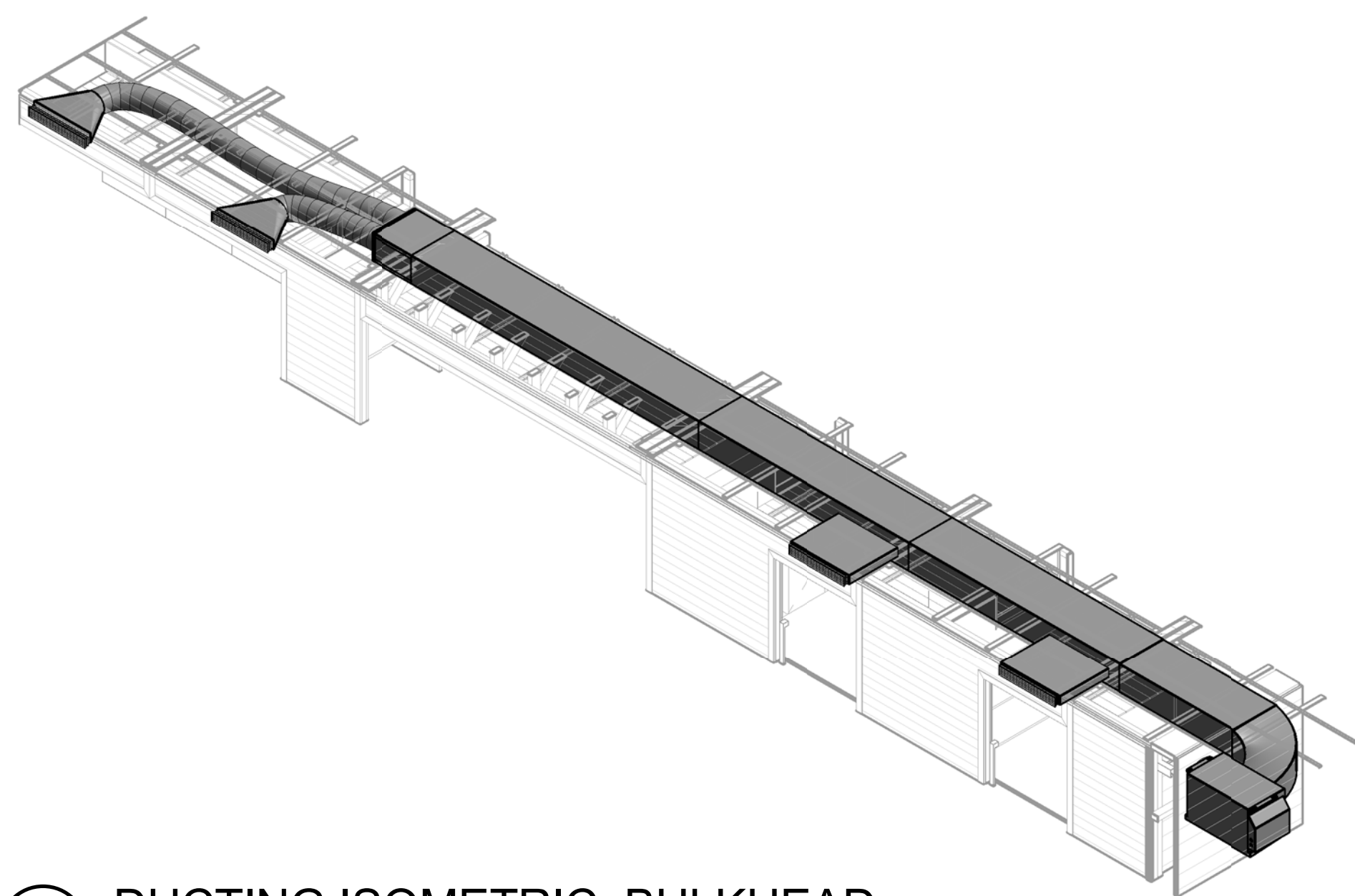
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SHEET TITLE
WASTE WATER
SECTION

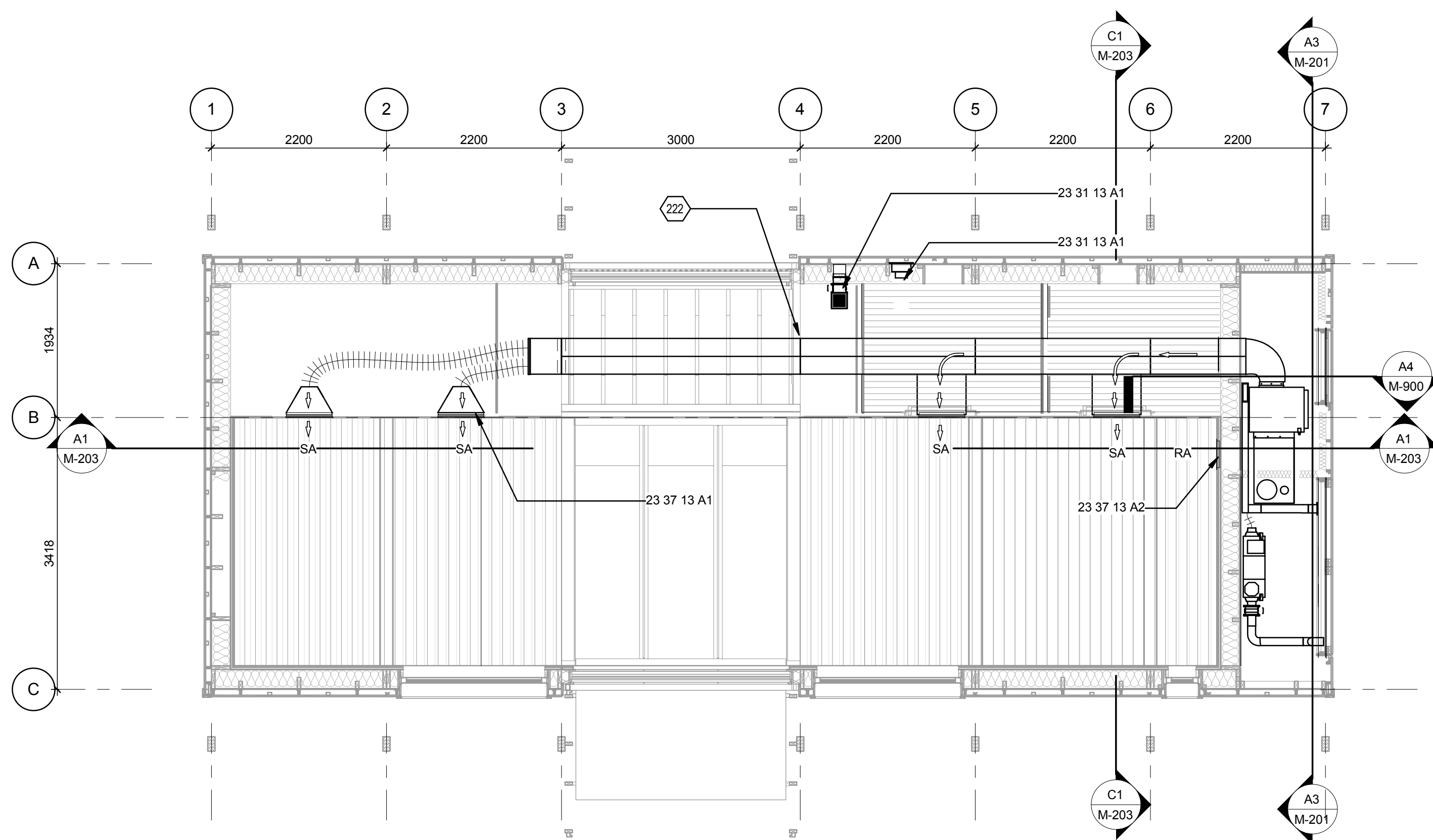
P-106



(A2) WASTE WATER REMOVAL POINTS
1:20



D3 DUCTING ISOMETRIC BULKHEAD



A2 DUCTING
1:48

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 23 31 13 A1 SPIROSET SEMI-FLEXIBLE ROUND METAL DUCT
- 23 37 13 A1 600 X 800MM SUPPLY AIR LINEAR DIFFUSERS
- 23 37 13 A2 350 X 500MM RETURN AIR EGGCRATE GRILLE

SHEET KEYNOTES

- 222 JOINTS IN DUCTING SO MODULES CAN BE LOCATED ON SITE



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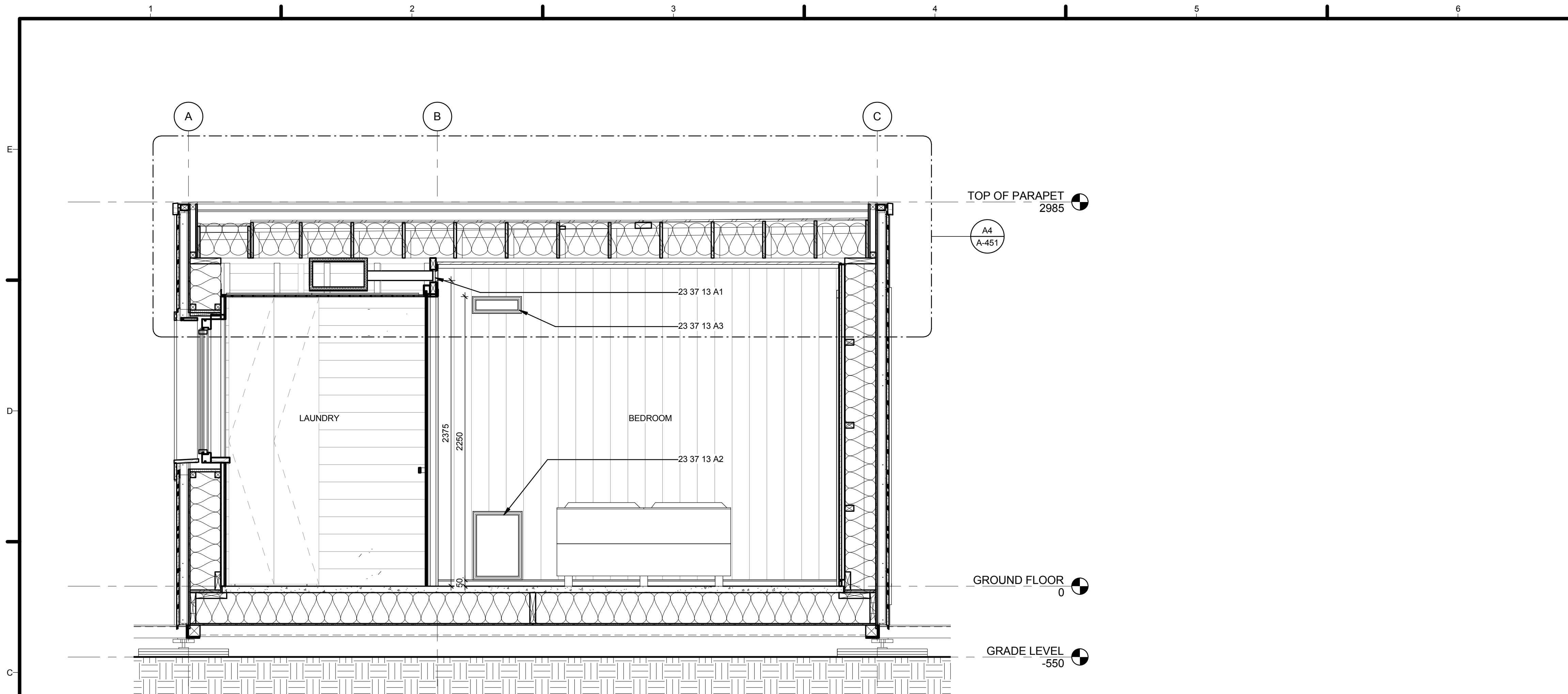
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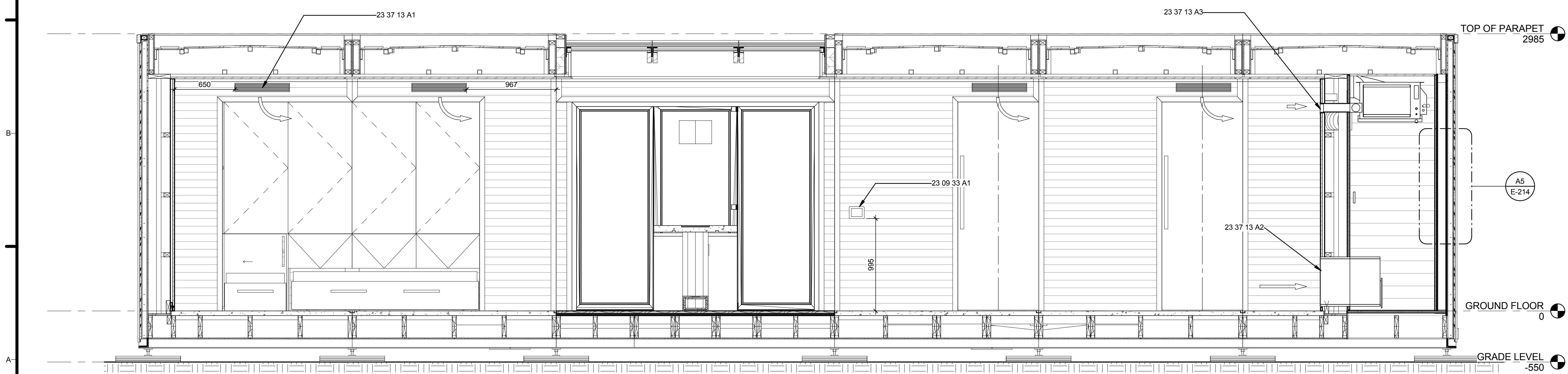
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SHEET TITLE
DUCTING LOCATION PLAN

M-102



C1 RETURN AIR GRILLS ELEVATION
1:20



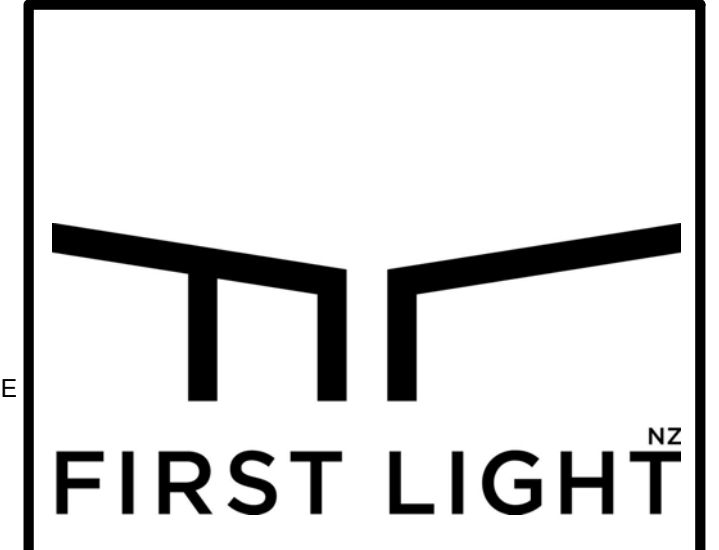
A1 SUPPLY AIR DIFFUSERS ELEVATION
1:24

GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 23 09 33 A1 SCHNEIDER ELECTRIC MAGELIS HMI CONTROLLER
- 23 37 13 A1 600 X 800MM SUPPLY AIR LINEAR DIFFUSERS
- 23 37 13 A2 350 X 500MM RETURN AIR EGGRATE GRILLE
- 23 37 13 A3 350 X 100MM RETURN AIR EGGRATE GRILLE

SHEET KEYNOTES



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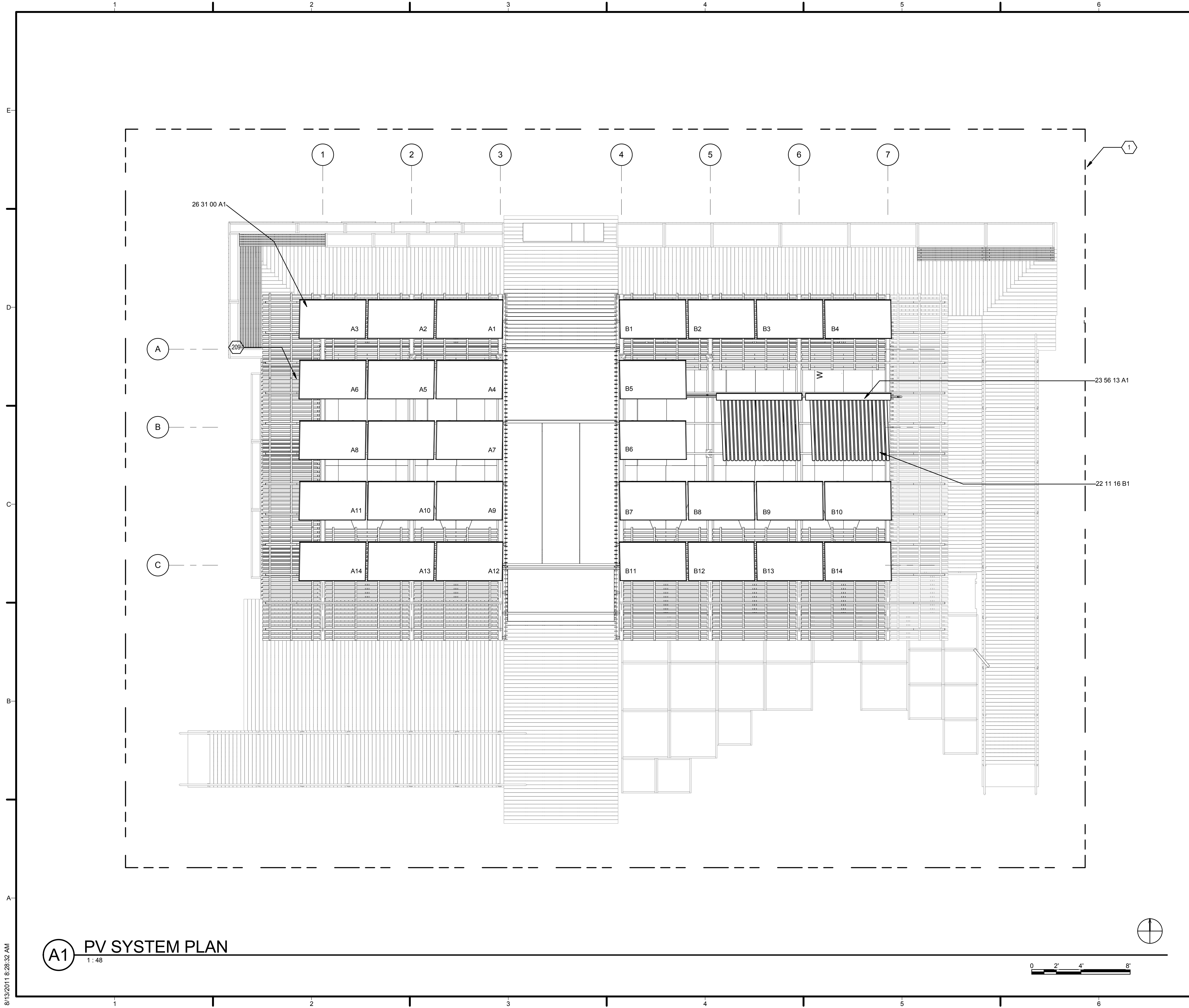
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SHEET TITLE
DIFFUSERS & GRILLS ELEVATION

M-203



GENERAL SHEET NOTES

REFERENCE KEYNOTES

- 22 11 16 B1 15MM COPPER SOLAR FLUID CIRCULATION LINE
- 23 56 13 A1 20 TUBE EVACUATED TUBE SOLAR HOT WATER COLLECTORS
- 26 31 00 A1 225W MITSUBISHI PHOTOVOLTAIC COLLECTORS

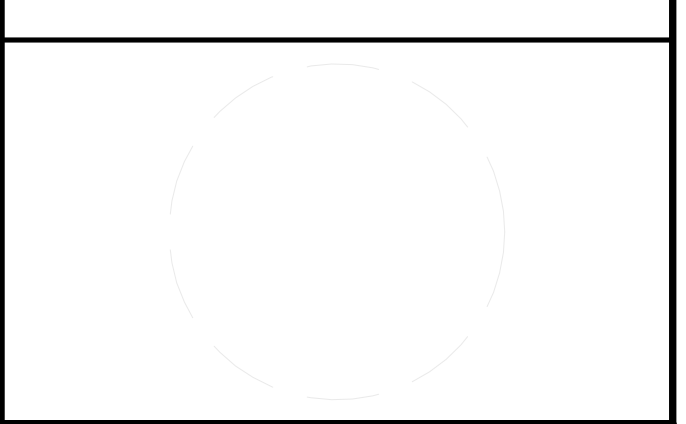
SHEET KEYNOTES

- 1 SITE BOUNDARY
- 209 PANELS MOUNTED FORWARD OF FRONT RAFTER SO BACK LINES UP WITH BACK RAFTER @ 15 DEGREES



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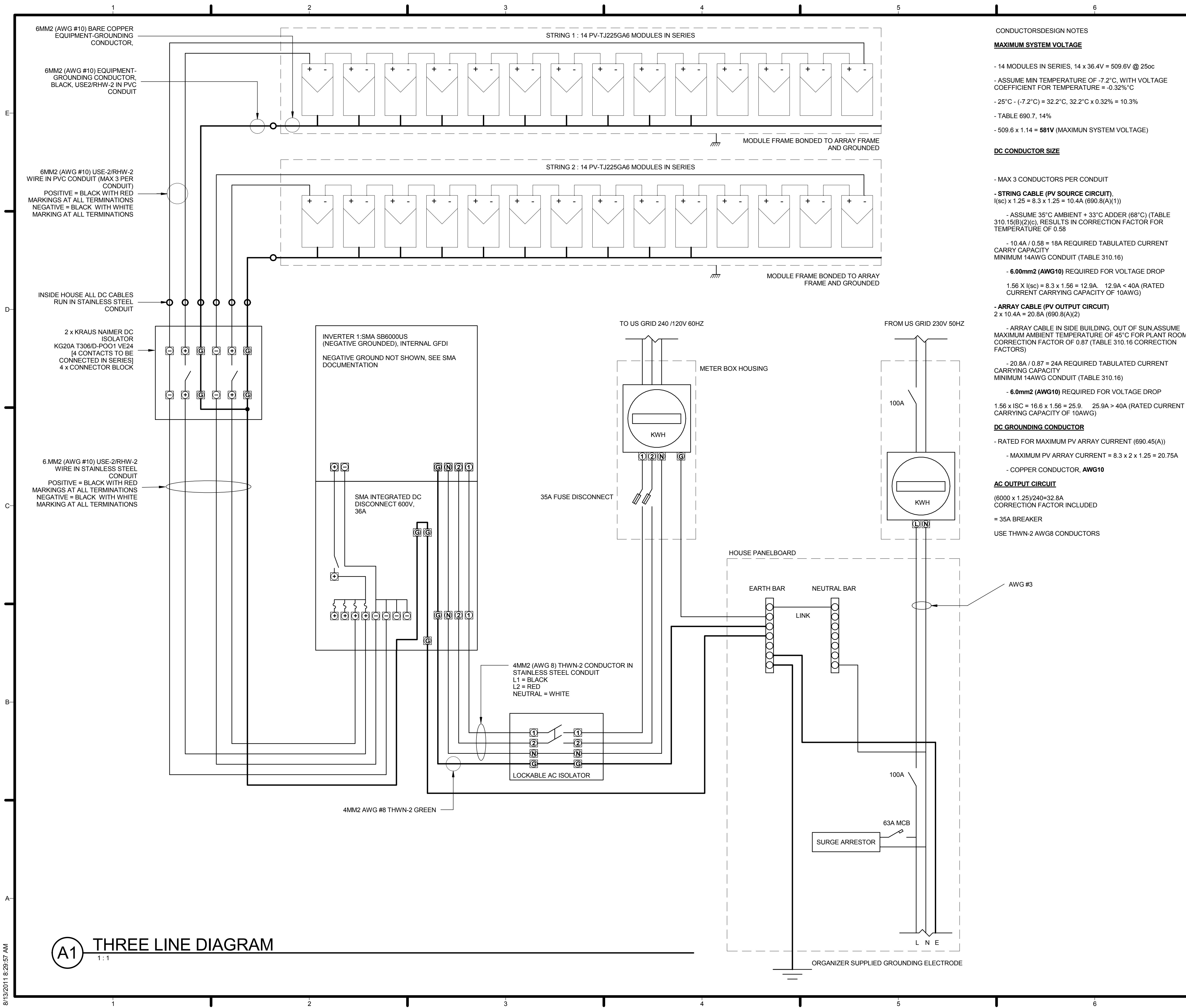
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SHEET TITLE
 PV SYSTEMS PLAN

E-112

A1 PV SYSTEM PLAN
 1:48

8/13/2011 8:28:32 AM



GENERAL SHEET NOTES

1. DRAWING IS REPRESENTATION OF SYSTEM
2. THE DRAWING IS A WORKING DRAFT UNTIL PROJECT IS COMPLETE
3. REFER TO WIRE CALCULATION FOR WIRE AND CONDUIT SIZES
4. ALL PV SYSTEMS WILL BE DESIGNED AND INSTALLED IN FULL COMPLIANCE WITH THE 2008 NATIONAL ELECTRICAL CODE (NEC) AND THE 2010 SD RULES AND REGULATIONS
5. DC CIRCUITS FROM THE PV MODULES TO THE DC PV DISCONNECT MUST BE IN METAL CONDUIT (RACEWAYS) WHERE INSIDE THE STRUCTURE. (NEC690.31 (E))
6. ALL PV STRINGS TO USE MANUFACTURED PROVIDED CABLE.

REFERENCE KEYNOTES

CONDUCTORS/DESIGN NOTES

MAXIMUM SYSTEM VOLTAGE

- 14 MODULES IN SERIES, 14 x 36.4V = 509.6V @ 25oc
- ASSUME MIN TEMPERATURE OF -7.2°C, WITH VOLTAGE COEFFICIENT FOR TEMPERATURE = -0.32%/°C
- 25°C - (-7.2°C) = 32.2°C, 32.2°C x 0.32% = 10.3%
- TABLE 690.7, 14%
- 509.6 x 1.14 = **581V** (MAXIMUM SYSTEM VOLTAGE)

DC CONDUCTOR SIZE

- MAX 3 CONDUCTORS PER CONDUIT
- **STRING CABLE (PV SOURCE CIRCUIT),** I(sc) x 1.25 = 8.3 x 1.25 = 10.4A (690.8(A)(1))
- ASSUME 35°C AMBIENT + 33°C ADDER (68°C) (TABLE 310.15(B)(2)(c)), RESULTS IN CORRECTION FACTOR FOR TEMPERATURE OF 0.58
- 10.4A / 0.58 = 18A REQUIRED TABULATED CURRENT CARRYING CAPACITY (TABLE 310.16)
- **6.00mm² (AWG10)** REQUIRED FOR VOLTAGE DROP
- 1.56 x I(sc) = 8.3 x 1.56 = 12.9A 12.9A < 40A (RATED CURRENT CARRYING CAPACITY OF 10AWG)
- **ARRAY CABLE (PV OUTPUT CIRCUIT)** 2 x 10.4A = 20.8A (690.8(A)(2))
- ARRAY CABLE IN SIDE BUILDING, OUT OF SUN ASSUME MAXIMUM AMBIENT TEMPERATURE OF 45°C FOR PLANT ROOM. CORRECTION FACTOR OF 0.87 (TABLE 310.16 CORRECTION FACTORS)
- 20.8A / 0.87 = 24A REQUIRED TABULATED CURRENT CARRYING CAPACITY (TABLE 310.16)
- **6.00mm² (AWG10)** REQUIRED FOR VOLTAGE DROP
- 1.56 x ISC = 16.6 x 1.56 = 25.9. 25.9A > 40A (RATED CURRENT CARRYING CAPACITY OF 10AWG)

DC GROUNDING CONDUCTOR

- RATED FOR MAXIMUM PV ARRAY CURRENT (690.45(A))
- MAXIMUM PV ARRAY CURRENT = 8.3 x 2 x 1.25 = 20.75A
- COPPER CONDUCTOR, **AWG10**

AC OUTPUT CIRCUIT

- (6000 x 1.25)/240=32.8A CORRECTION FACTOR INCLUDED
- = 35A BREAKER
- USE THWN-2 AWG8 CONDUCTORS

PV ARRAY DETAILS:

1. TOTAL ARRAY SIZE, 28 X 225W MODULES = 6.3KW
2. CONFIGURED AS 2 SUB ARRAYS OF 1 STRING OF 14 MODULES

MODULE DETAILS:

MITSUBISHI PV-TJ225GA6 (IDENTICAL MODULE TO UL LISTED PV-UJ225GA6)

COMPLIANCE: IEC 61215 EDITION 2, EN61730, TUV SAFETY CLASS II AND IEC 61730 (IDENTICAL PV-UJ225GA6 IS UL LISTED)

P _{MAX}	225W
V _(MPP)	30.0V
I _(MPP)	7.5A
I _(SC)	8.3A
V _(OC)	36.4V
MAX V	1000VDC EU, 600VDC USA
LENGTH	1658MM
WIDTH	994MM
DEPTH	50MM
WEIGHT	20KG

STRING DETAILS:

P _{MAX}	3.15KW
V _(MPP)	420V
I _(MPP)	7.5A
I _(SC)	8.3A
V _(OC)	509.6V
V _{MAX}	581V (690.7(A), TABLE 690.7)

ARRAY DETAILS:

P _{MAX}	6.3KW
V _(MPP)	420V
I _(MPP)	15A
I _(SC)	16.6A
V _(OC)	509.6V
V _{MAX}	581V (690.7(A), TABLE 690.7)

INVERTER DETAILS:

MAKE	SMA
MODEL	SB 6000 US
OUTPUT POTENTIAL	TDB
OUTPUT FREQUENCY	60HZ
EFFICIENCY(EU)	95%

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SHEET TITLE

3 LINE DIAGRAM

E-602



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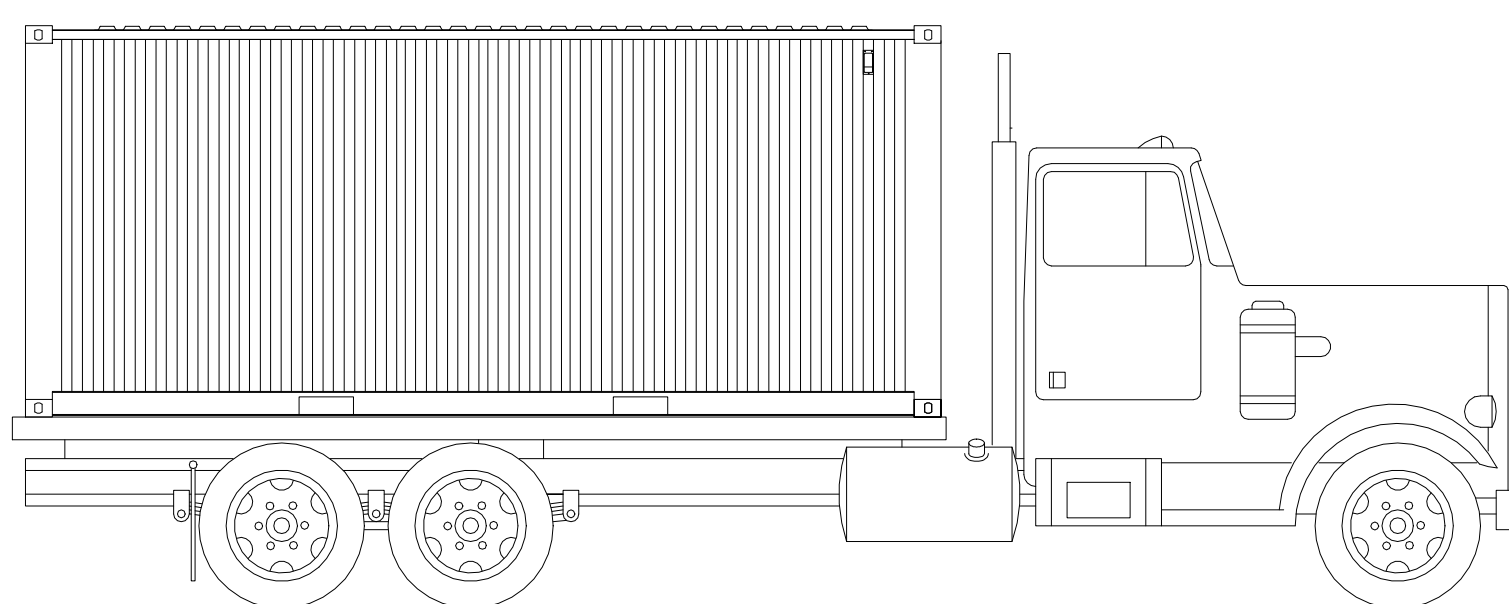
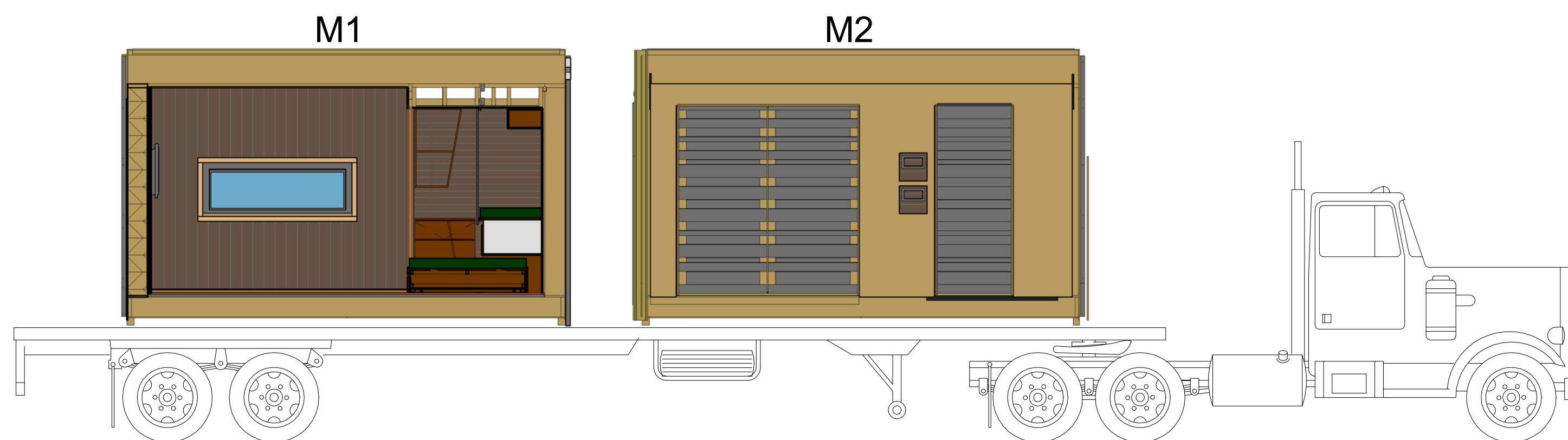
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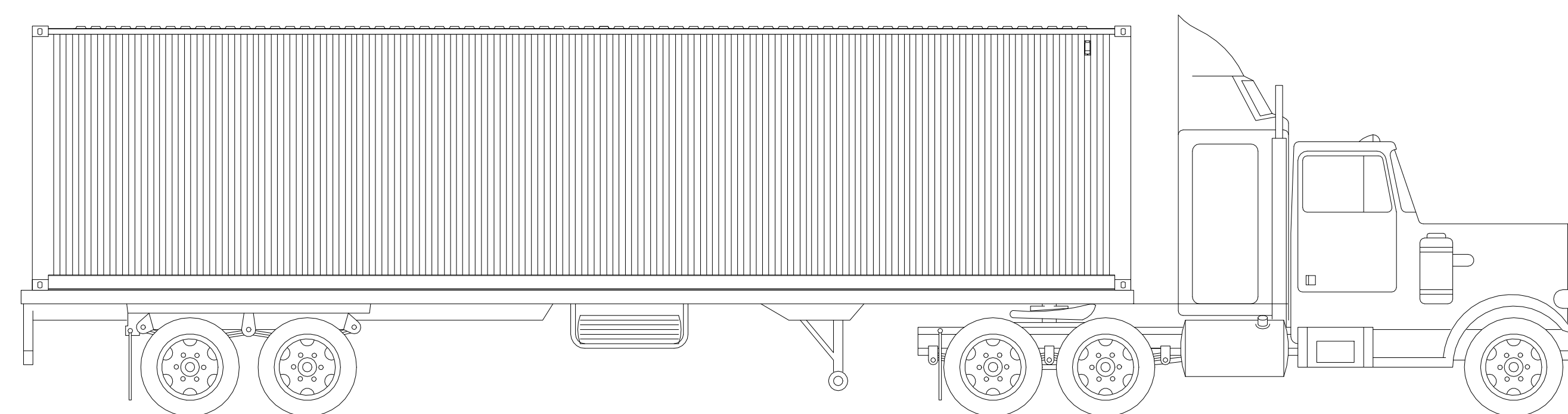
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TRANSPORT

O-102

TRUCKS 2, 3 & 4 TRANSPORT
 MODULES TO AND FROM
 ASSEMBLY SITE



TRUCK 1 TRANSPORTS THE SINGLE
 20 FOOT SHIPPING CONTAINER TO
 AND FROM ASSEMBLY SITE



TRUCK 5 TRANSPORTS THE SINGLE
 40 FOOT HIGHCUBE SHIPPING
 CONTAINER TO AND FROM
 ASSEMBLY SITE

(A1) ASSEMBLY TRANSPORT

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