

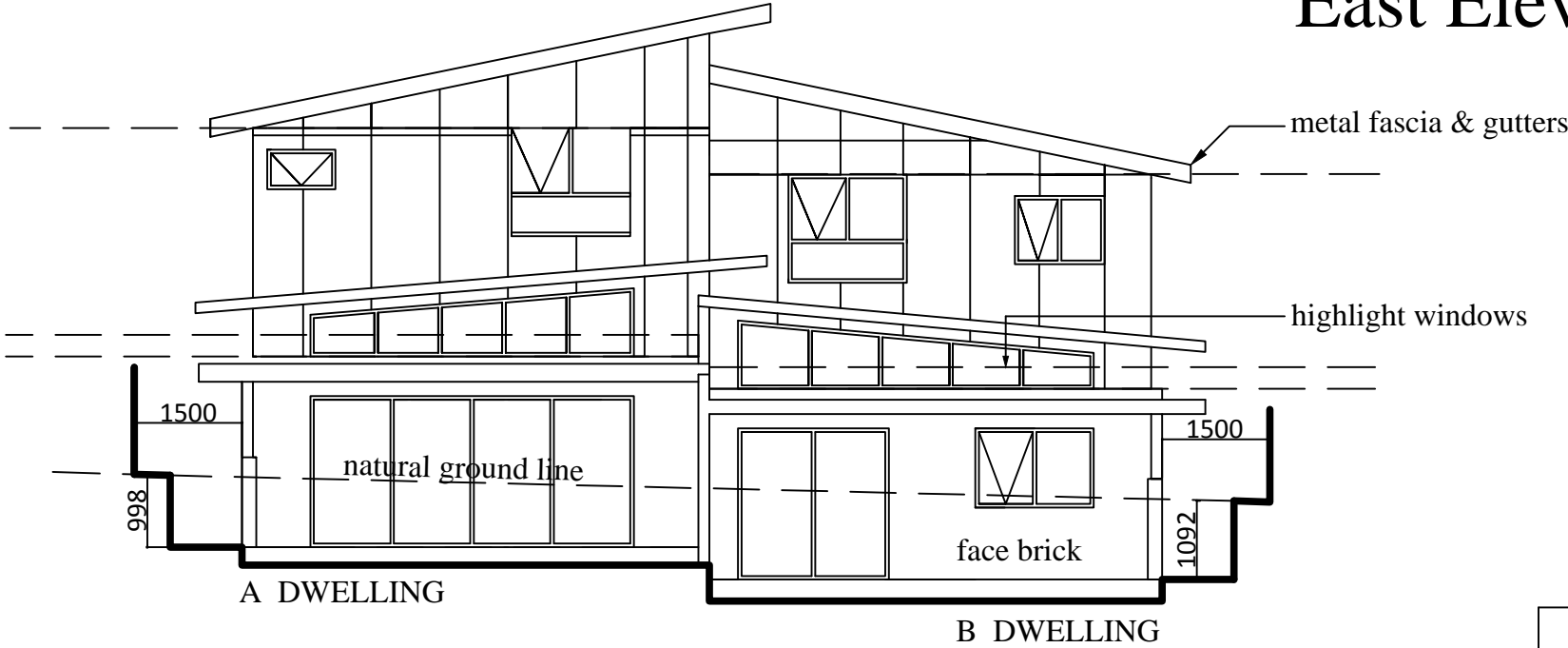
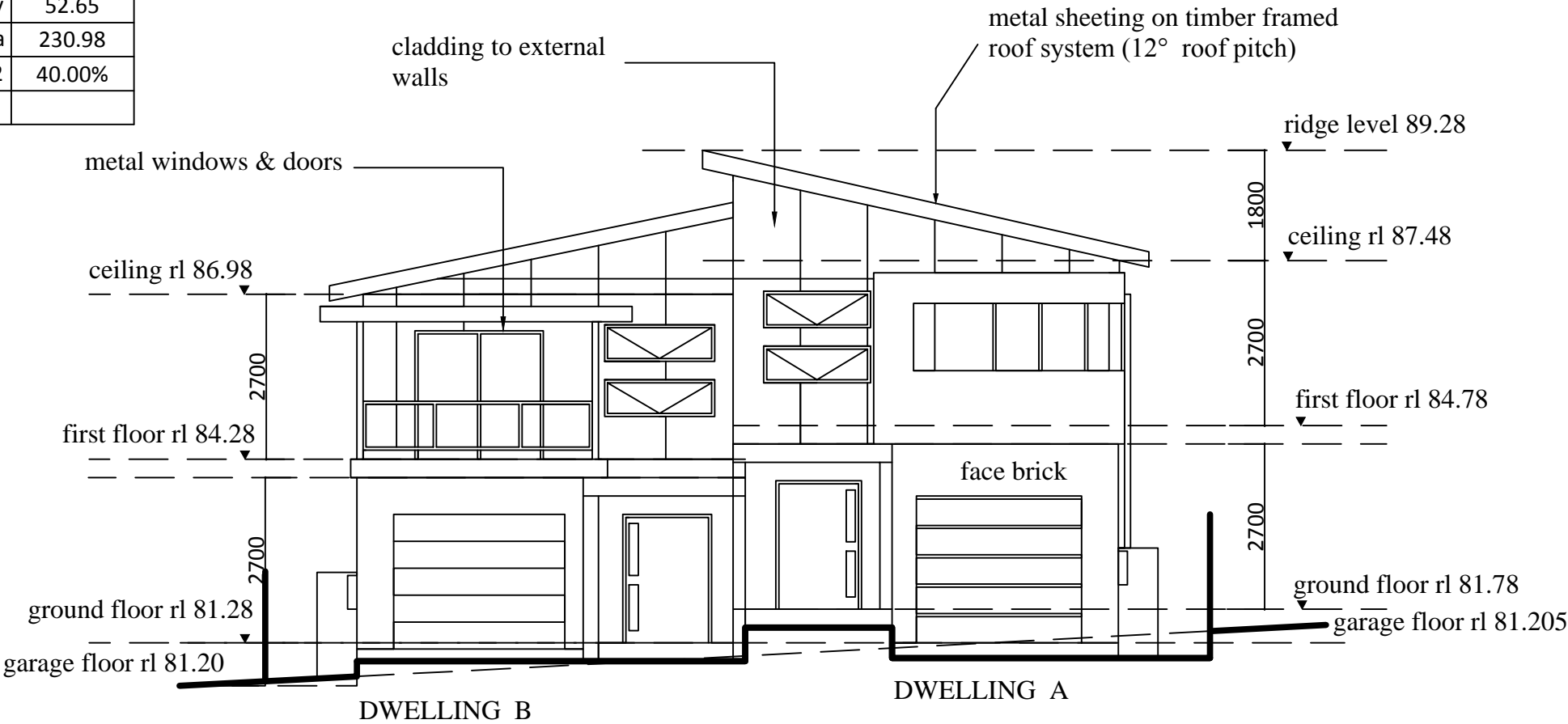
roof plan
scale 1:100
refer to engineering details
check dimensions prior to construction

| | | | | | |
|---------------------------------|-------|------------|-----------------------|-----------------|---------------|
| ISSUE DATE: 9 September 2016 | | | | Site Address: | |
| | | | | Client Details: | |
| | | | | Sheet Name: | Sheet Number: |
| | Date: | Amendment: | 48310-Group Project 1 | LCA: | Reference: |
| | | | | | |
| | | | | | |

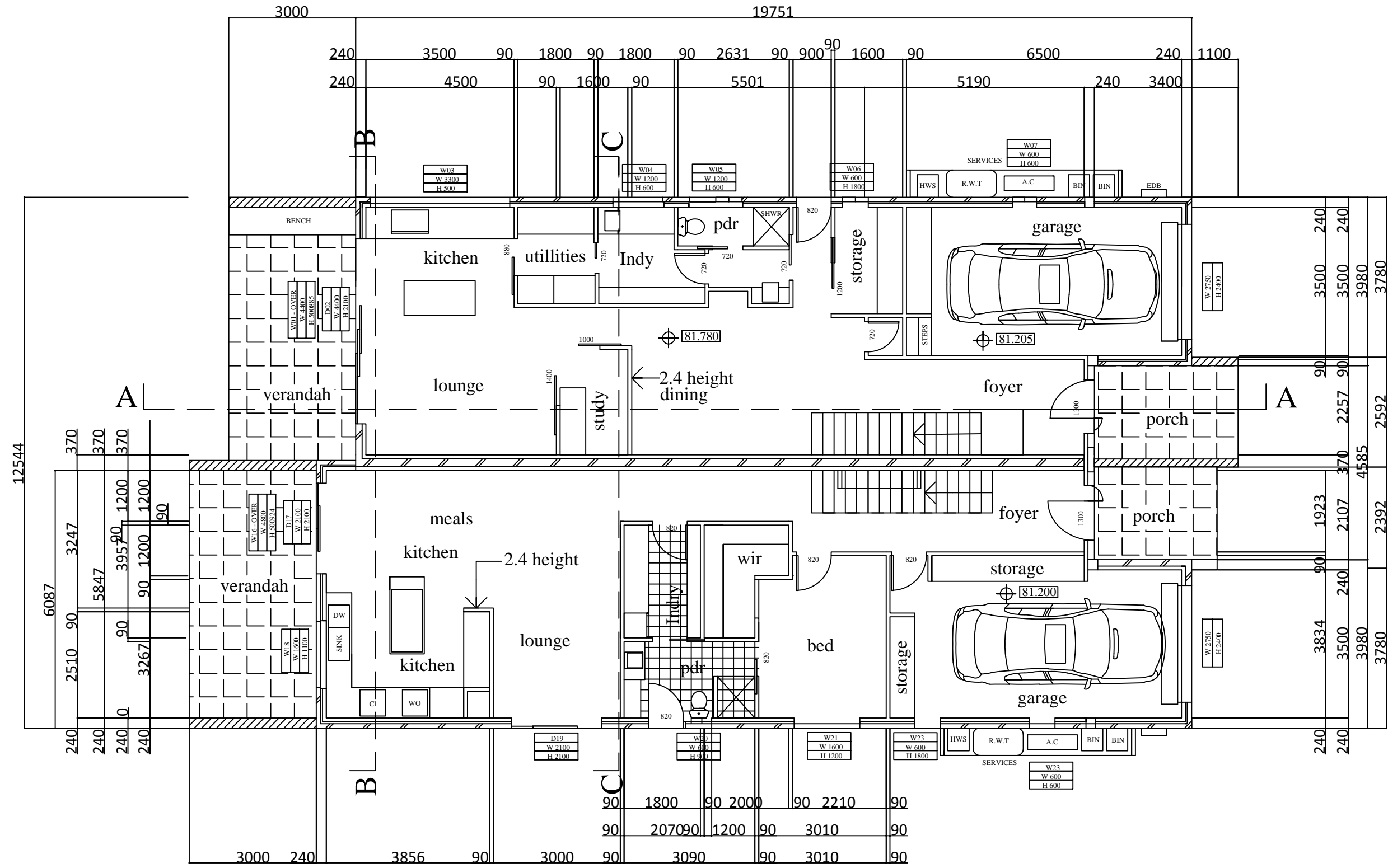
SITE AREA= 578.05m2

| F.S.R | |
|----------------------------|--------|
| DWELLING A | |
| grounf floor area | 90.78 |
| garage | 16.50 |
| ground floor verandah | 18.82 |
| front porch | 7.45 |
| first floor area | 67.45 |
| first floor balcony | 10.66 |
| FSR 158.23 m2 / 289.025 m2 | 55.00% |
| | |
| DWELLING B | |
| ground floor area | 96.25 |
| garage | 16.5 |
| front porch | 6.36 |
| ground floor verandah | 18.82 |
| first floor area | 61.68 |
| first floor balcony | 10.68 |
| Total areas | 422.48 |
| FSR 158.23 m2 / 289.025 m2 | 55.00% |
| TOTAL | |
| FSR 316.47 m2 / 578.05 m2 | 55.00% |

| B.U.A | |
|-----------------------------|--------|
| structures | 294.42 |
| paths/driveway | 52.65 |
| landscape area | 230.98 |
| L'SCP 320.98 m2 / 578.05 m2 | 40.00% |
| | |

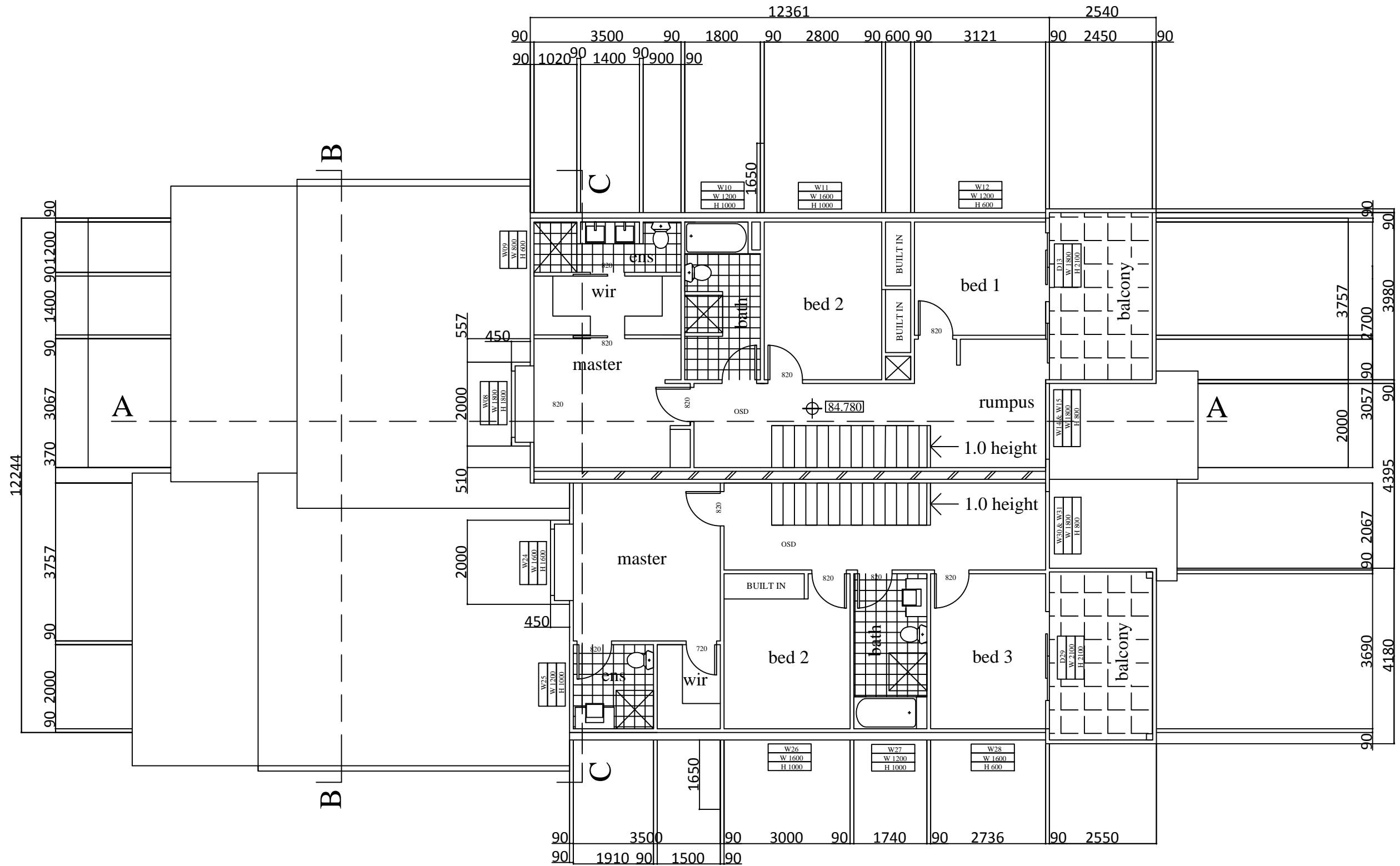


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|---------------------------------|-------|------------|-----------------------|---------------|
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| | | | Client Details: | |
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| | | | 48310-Group Project 1 | |



ground floor plan
scale 1:100
refer to engineering details
check dimensions prior to construction

| | | | | |
|---------------------------------|-------|------------|-----------------------|---------------|
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| | | | Client Details: | |
| | | | Sheet Name: | Sheet Number: |
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| | | | 48310-Group Project 1 | |

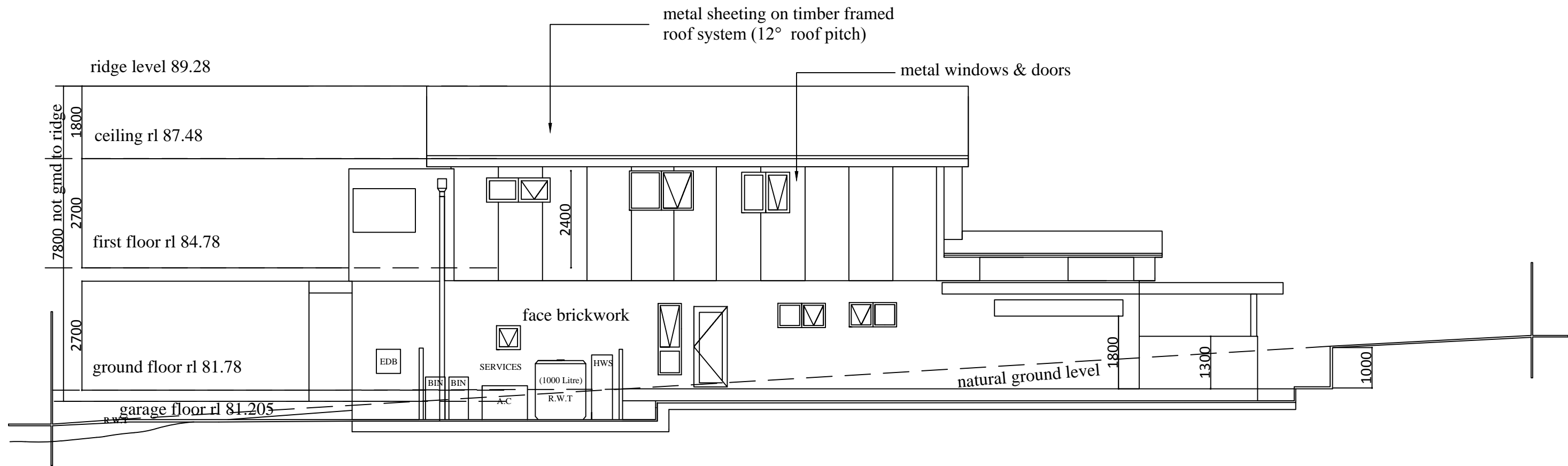


first floor plan

scale 1:100

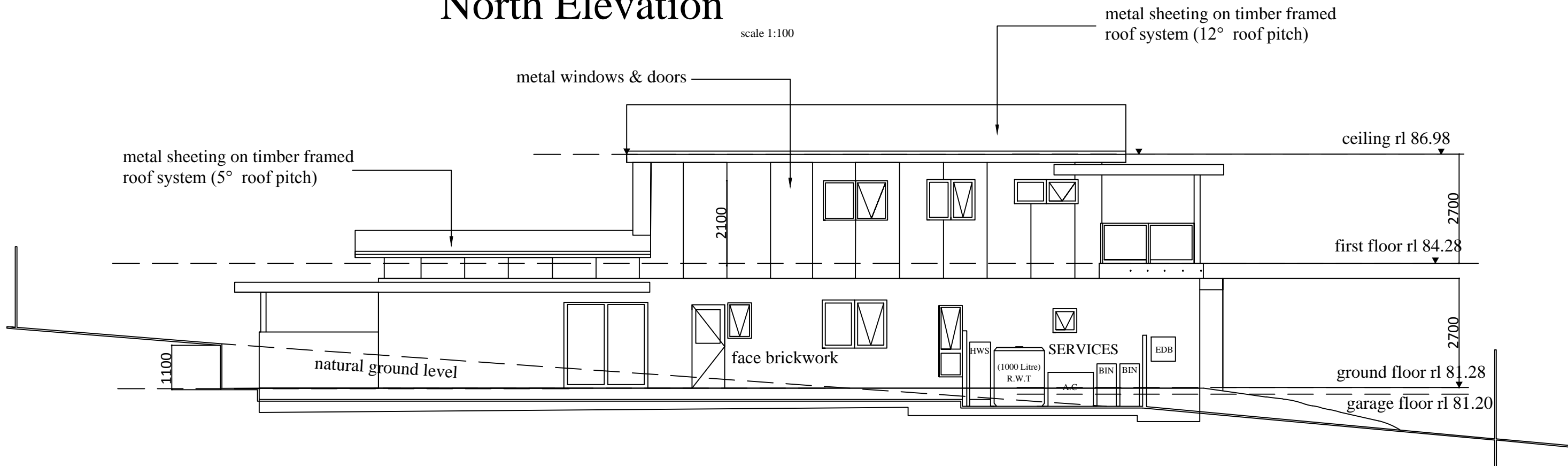
refer to engineering details
check dimensions prior to construction

| | | | | |
|---------------------------------|-------|------------|-----------------------|---------------|
| ISSUE DATE: 9 September 2016 | | | Site Address: | |
| | | | Client Details: | |
| | | | Sheet Name: | Sheet Number: |
| | Date: | Amendment: | LCA: | Reference: |
| | | | 48310-Group Project 1 | |



North Elevation

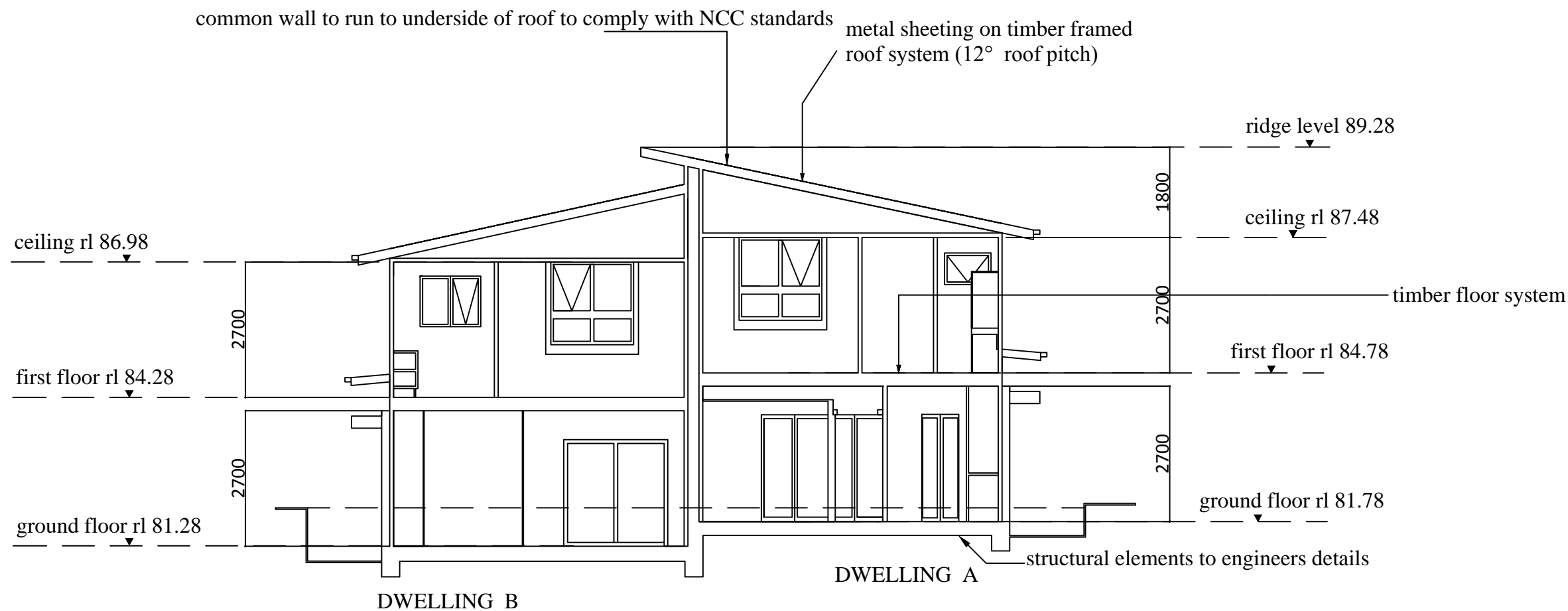
scale 1:100



South Elevation

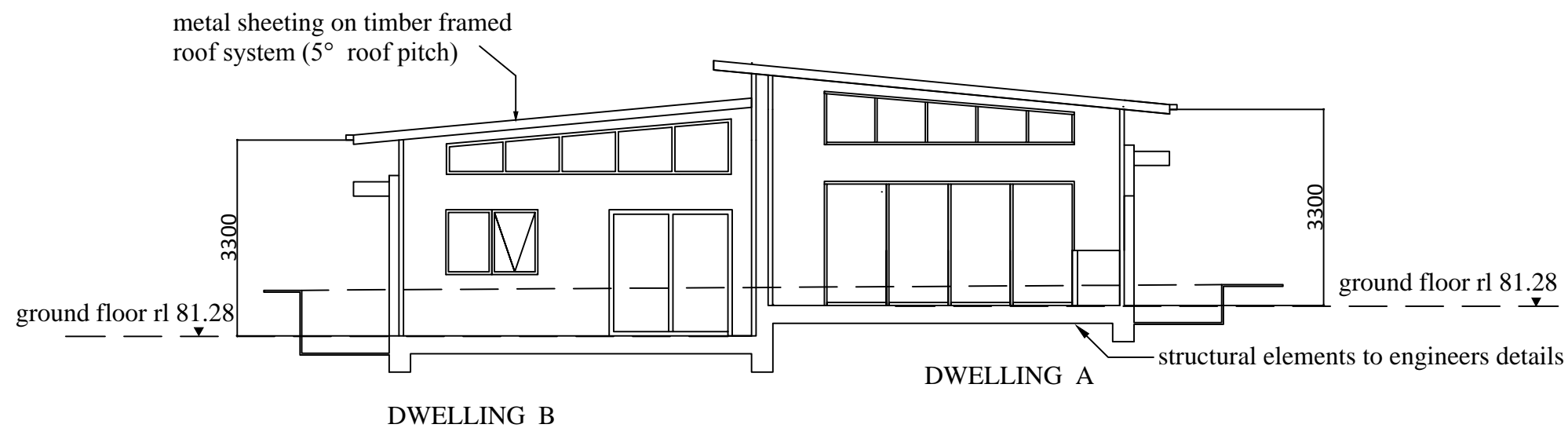
scale 1:100

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|---------------------------------|-------|------------|-----------------------|---------------|
| ISSUE DATE: 9 September 2016 | | | Site Address: | |
| | | | Client Details: | |
| | | | Sheet Name: | Sheet Number: |
| | Date: | Amendment: | LCA: | Reference: |
| | | | 48310-Group Project 1 | |



section CC

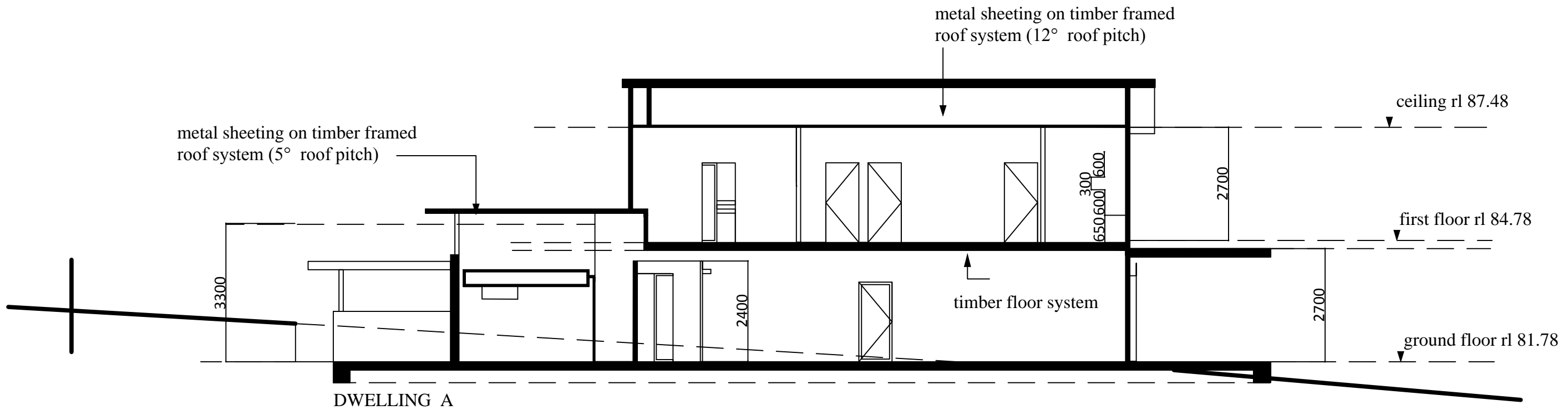
scale 1:100



section BB

scale 1:100

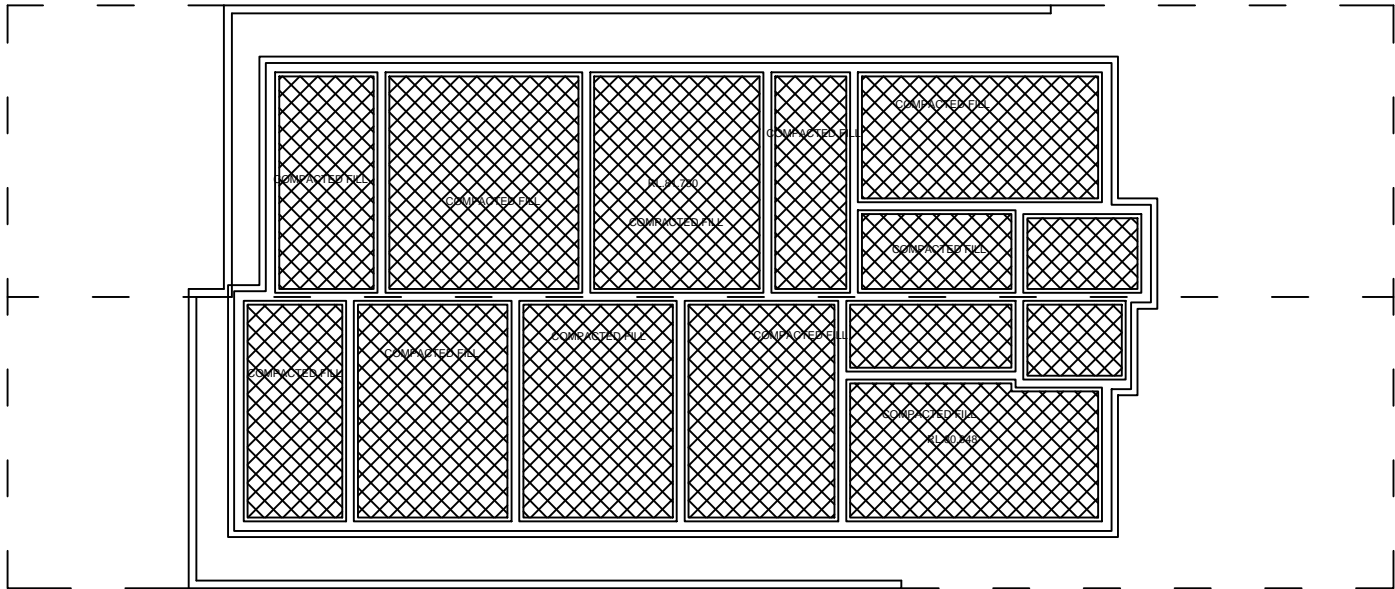
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|---------------------------------|-------|------------|-----------------------|---------------|
| ISSUE DATE: 9 September 2016 | | | Site Address: | |
| | | | Client Details: | |
| | | | Sheet Name: | Sheet Number: |
| | Date: | Amendment: | LCA: | Reference: |
| | | | 48310-Group Project 1 | |



section AA

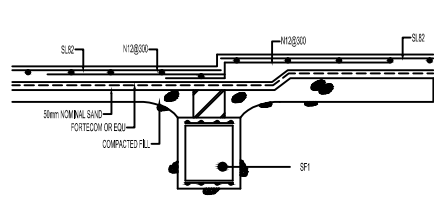
scale 1:100

| | | | | | |
|---------------------------------|-------|------------|-----------------------|-----------------|---------------|
| ISSUE DATE: 9 September 2016 | | | | Site Address: | |
| | | | | Client Details: | |
| | | | | Sheet Name: | Sheet Number: |
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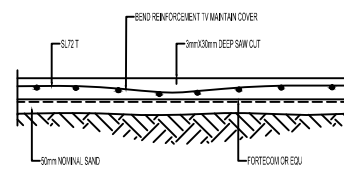


FOOTING PLAN SCALE 1:100

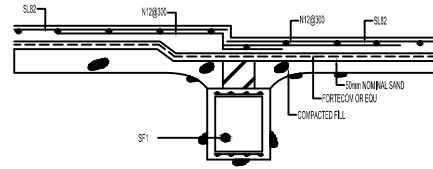
- FOOTING TYPE TO BE STIFF FOLLOWING SF1 LING.
- CONCRETE GRADE TO BE NOL.
- FILL IN SHADED AREA TO BE COMPACTED



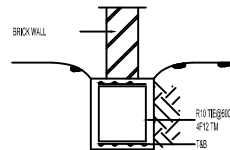
SECTION SCALE A



SECTION SCALE B

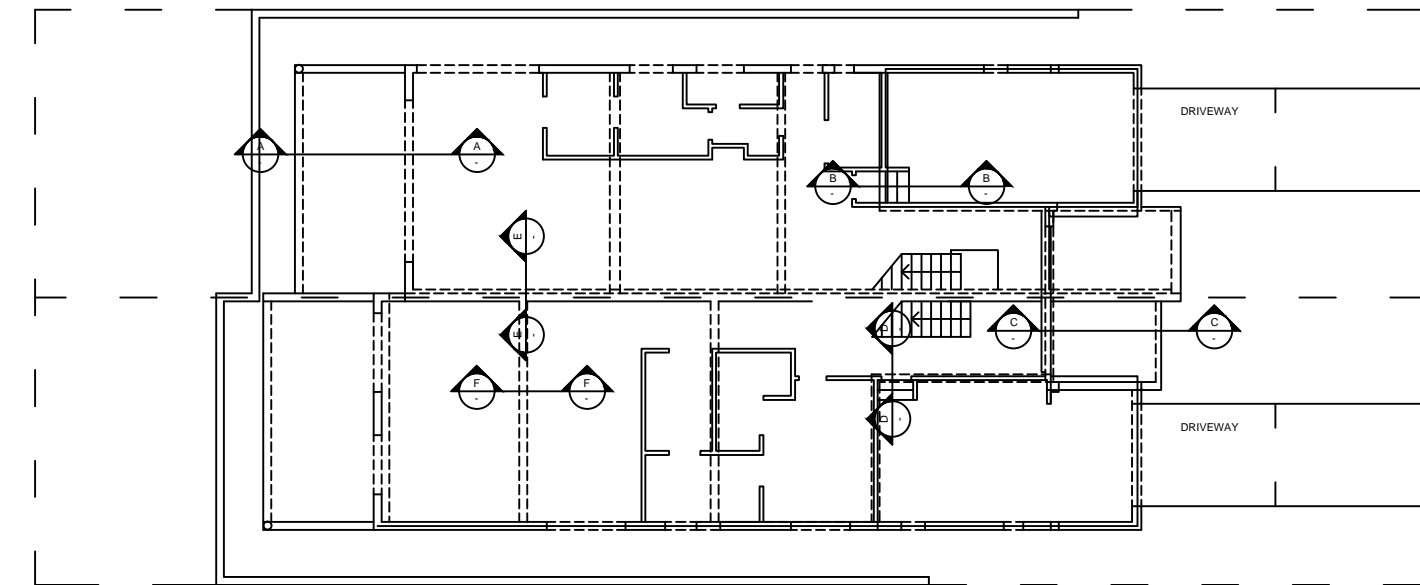


SECTION SCALE C



TYPICAL STRIP FOOTING-SF1

NOTE: THE NUMBER OF REINFORCING OF PER FLIGHT ARE SHOWN DIAGRAMMATICALLY ONLY AND ARE TO BE TAKEN FROM ARCHITECTURAL DRAWINGS



GROUND FLOOR SLAB PLAN SCALE 1:100

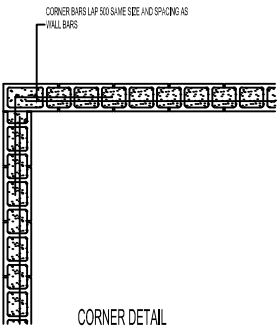
THICKNESS OF SLAB TO BE 100mm AND

RETAINING WALL SCHEDULE

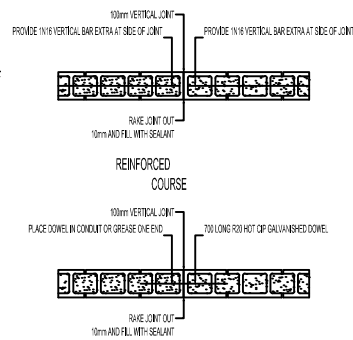
| HIGH (mm) | "I" BAR |
|-----------|---------|
| 15-200 | N10@400 |
| 1200-1500 | N10@400 |
| 1500-2000 | N10@300 |

BLOCK WALL NOTES

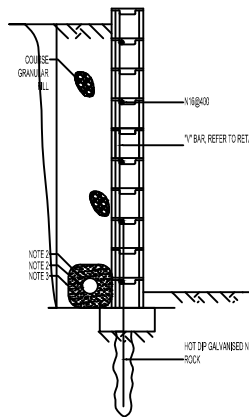
- ALL CONCRETE MASONRY UNITS SHALL BE TO AS 2703 GRADE 10 MPa
- BUILDER SHALL ASSURELY SUPPORT ALL BLOCK WORK WALLS DURING CONSTRUCTION TO AVOID COLLAPSE
- CLEAR CONCRETE COVER SHALL BE 50mm BACK OF WALL, 30mm FRONT OF WALL
- PROVIDE 216 TRIMMER BARS VERTICAL AND HORIZONTAL AROUND ALL OPENINGS TYPICAL



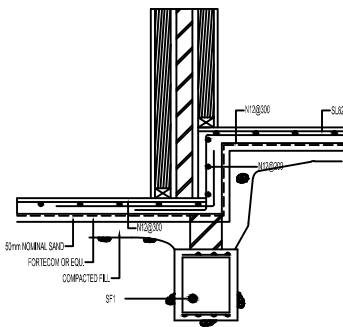
CORNER DETAIL



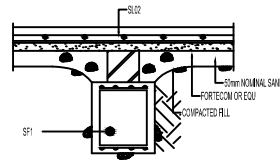
SHRINKAGE CONTROL JOINT



TYPICAL SECTION OF RETAINING WALL ON ROCK



SECTION SCALE E



SECTION SCALE F

| REV | DATE | BY | CHECKED | AMENDMENTS |
|-----|------|----|---------|-------------------|
| B | | | | FOR CONSTRUCTION |
| A | | | | PRELIMINARY ISSUE |

For practice use only

Job name

Structural Detail

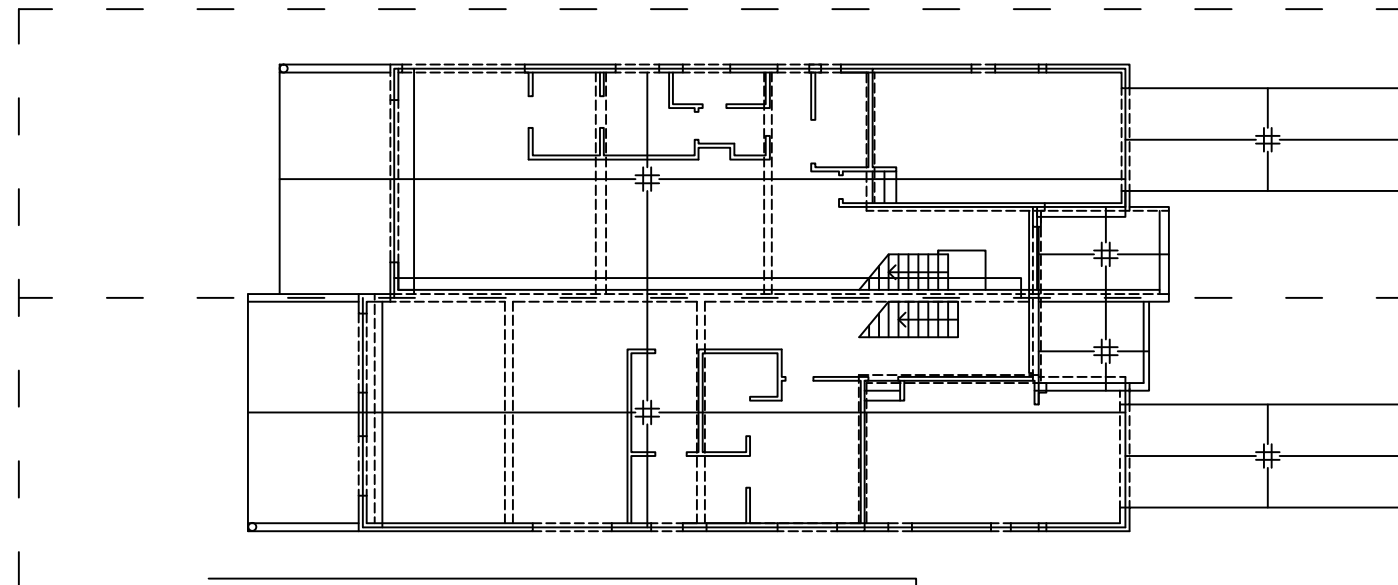
Client Architect

Drawing title

Ground and first floor reinforcement plan and details

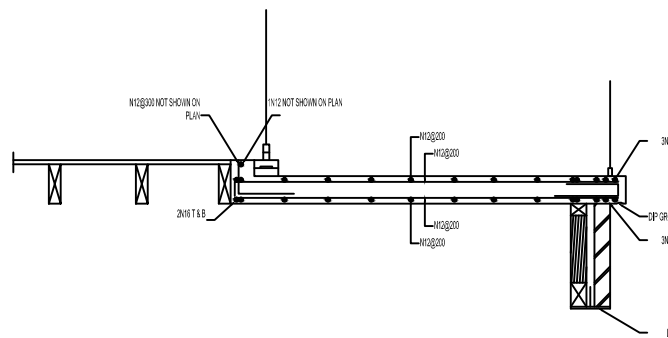
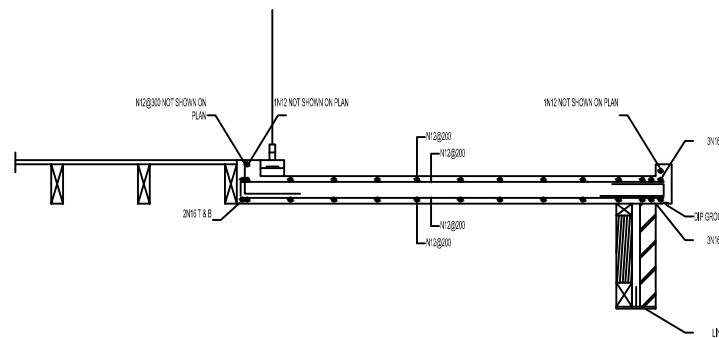
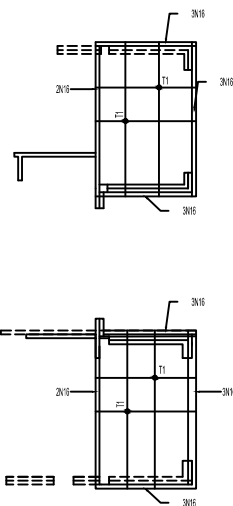
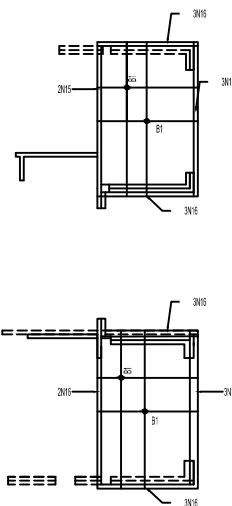
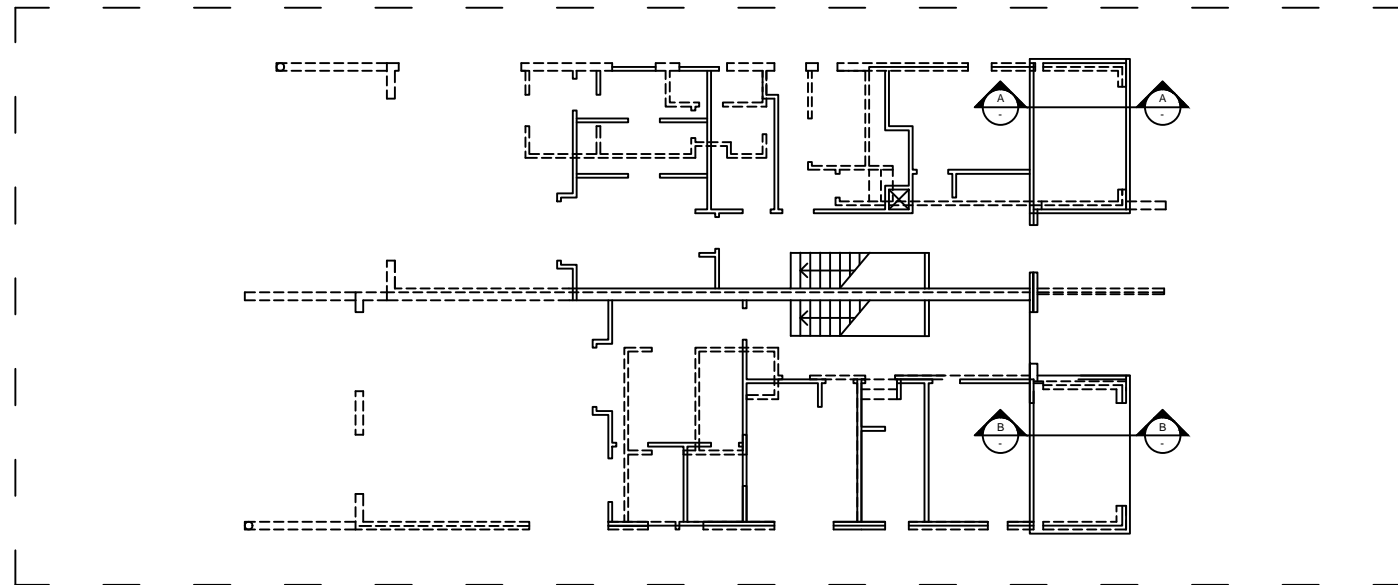
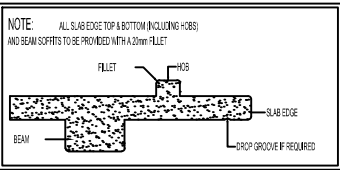
| No in set | | | DRG NO | Rev |
|-----------|--------|-------|--------|-----|
| | | | S2 | |
| scale | Design | Draws | Date | No |
| | | | | |

Approved by



- ## NOTES
1. CONCRETE GRADE AS FOLLOWS:
INTERNAL: M20
EXTERNAL: M25
 2. CONCRETE COVER TO REINFORCEMENT TO BE AS FOLLOWS:
INTERNAL: 20mm
EXTERNAL: 40mm
 3. FOR STAIRS STARTER BARS SEE STAIRINGS.
 4. BOTTOM REINFORCEMENT MARKED 'THIS IS TO BE Laid 1ST BELOW THE BOTTOM FABRIC, ALL OTHER BARS TO BE Laid 2ND ABOVE BOTTOM FABRIC'.
 5. TOP REINFORCEMENT MARKED 'THIS IS TO BE Laid 1ST ABOVE THE TOP FABRIC, ALL OTHER BARS TO BE Laid 3RD BELOW THE TOP FABRIC'.
 6. BLOCKWORK REINFORCEMENT IS NOT SHOWN FOR CLARITY.

| REINFORCEMENT SCHEDULE | | | | | |
|------------------------|-----|-------------------|------|-----|-------------------|
| MARK | | BAR DIA & SPACING | MARK | | BAR DIA & SPACING |
| B1 | 11 | N25@20 | B11 | 111 | N16@20 |
| B2 | 12 | N25@20 | B12 | 112 | N16@20 |
| B3 | 13 | N25@20 | B13 | 113 | N16@20 |
| B5 | 15 | N25@40 | B15 | 115 | N20@25 |
| B6 | 16 | N25@30 | B16 | 116 | N20@30 |
| B7 | 17 | N25@30 | B17 | 117 | N20@30 |
| B8 | 18 | N25@30 | B18 | 118 | N20@30 |
| B9 | 19 | N25@15 | B19 | 119 | N20@30 |
| B10 | 110 | N25@30 | B20 | 120 | N20@30 |



| | | | | |
|-----|------|----|---------|-------------------|
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| | | | | |
| | | | | |
| B | | | | FOR CONSTRUCTION |
| A | | | | PRELIMINARY ISSUE |
| REV | DATE | BY | CHECKED | AMENDMENTS |

For practice use only

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| | | | | |
|--|--------|-------|--------|-----|
| Job name | | | | |
| Structural Detail | | | | |
| Client Architect | | | | |
| Drawing title | | | | |
| Ground and first floor reinforcement plan and details | | | | |
| No in set | | | DRG NO | Rev |
| | | | S2 | |
| scale | Design | Draws | Date | No |
| | | | | |

Approved by