

| DECLARED DESIGN | | | | |
|--|------------|------------------------------|---------------------|-----------|
| PROJECT ADDRESS: 4-8 MARSHALL AVE, ST. LEONARDS NSW 2065 | | | | |
| PROJECT TITLE: THE LANDMARK QUARTER | | | | |
| CONSENT No.: DA2279-01-684323 | | BODY CORP REG TAG: DEP001269 | | |
| DRAWING TITLE: GA-BASEMENT-3 | | DRAWING No: S0022a | | |
| REV | DATE | DESCRIPTION | DP FULL NAME | REG NO |
| 1 | 14.03.2025 | GA-BASEMENT-3 | THANGARAJAH JANARAJ | DEP001755 |
| 2 | 30.04.2025 | UPDATED GA-BASEMENT-3 | THANGARAJAH JANARAJ | DEP001755 |

THIS DRAWING MUST BE READ IN CONJUNCTION WITH STRUCTURAL NOTES STARTING ON DRAWING S0001, S0002, S0003, S0068-S0069, S1129-S1132.

- DRAWING MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE REFERENCE LEVELS SETOUTS, REBATES, FALLS AND PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR HOBS AND NON-LOADING BEARING WALL LOCATIONS.
- DO NOT SCALE ANY DIMENSIONS FROM THIS STRUCTURAL DRAWING.
- REFER TO HYDRAULIC ENGINEER'S DRAWINGS FOR SUMPS, PITS AND GRATED RAISINS.
- ALL EXTERNAL AND WET AREAS TO BE WATERPROOFED IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS.
- ALL FALLS IN EXTERNAL AND WET AREAS TO BE MADE IN THE TOP OF STRUCTURAL SLAB TO HYDRAULIC OUTLETS. SLAB SOFFIT FORMED FLAT. ENSURE MINIMUM SLAB THICKNESS IS MAINTAINED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER TYPICAL DETAILS INCLUDING BUT NOT LIMITED TO COLUMNS, WALLS, STAIRS AND RAMPS IN THE DRAWING SET U.N.D.
- FOR THE PT FLAT PLAT LESS THAN 300 THICK IN THE BATHROOM SETDOWN, FIRE ENGINEERS PERFORMANCE SOLUTION IS REQUIRED.
- REFER DRG NUMBER S1251-S1253 FOR OSD TANK DETAILS.
- REFER DRG NUMBER S1152 FOR RETAINING WALL TYPICAL DETAILS.
- REFER ARCHITECTURE DRAWINGS FOR TOP OF WALL LEVELS.
- THE SLAB THICKNESS INDICATED IN THE DRAWINGS REPRESENTS THE MINIMUM REQUIREMENT AND SHOULD BE MAINTAINED.

| TYPE | THICKNESS |
|--------|-----------|
| CW1a | 650 |
| CW1b | 450 |
| CW1c | 650 |
| CW2a | 550 |
| CW2b | 550 |
| CW2c | 550 |
| CW2d | 550 |
| CW3a | 650 |
| CW3b | 650 |
| CW3c | 650 |
| CW3d | 650 |
| CW3d-2 | 400 |
| CW3g | 400 |
| CW4a | 650 |
| CW4b | 450 |
| CW4c | 650 |
| CW4d | 650 |
| CW5a | 300 |
| CW5b | 250 |
| CW5c | 350 |
| CW5d | 350 |
| CW10a | 450 |
| CW10b | 450 |
| CW10c | 450 |
| CW10d | 450 |
| CW11a | 500 |
| CW11b | 500 |
| CW11c | 450 |
| CW11d | 450 |

CONCRETE GRADES (TOWER 1 & 2, UND.)
 WALLS AND COLUMNS:
 B4-B1 - 80MPa
 L0-L7 - 65MPa
 L8-L19 - 50MPa
 L20-ROOF - 40MPa
 THE ABOVE GRADES SHALL BE ADOPTED UNLESS DRAWING STATES OTHERWISE.

CONCRETE GRADES (TOWER 4, UND.)
 WALLS AND COLUMNS:
 B4-B1 - 80MPa
 L0-L15 - 65MPa
 L16-L13 - 50MPa
 L14-ROOF - 40MPa
 THE ABOVE GRADES SHALL BE ADOPTED UNLESS DRAWING STATES OTHERWISE.

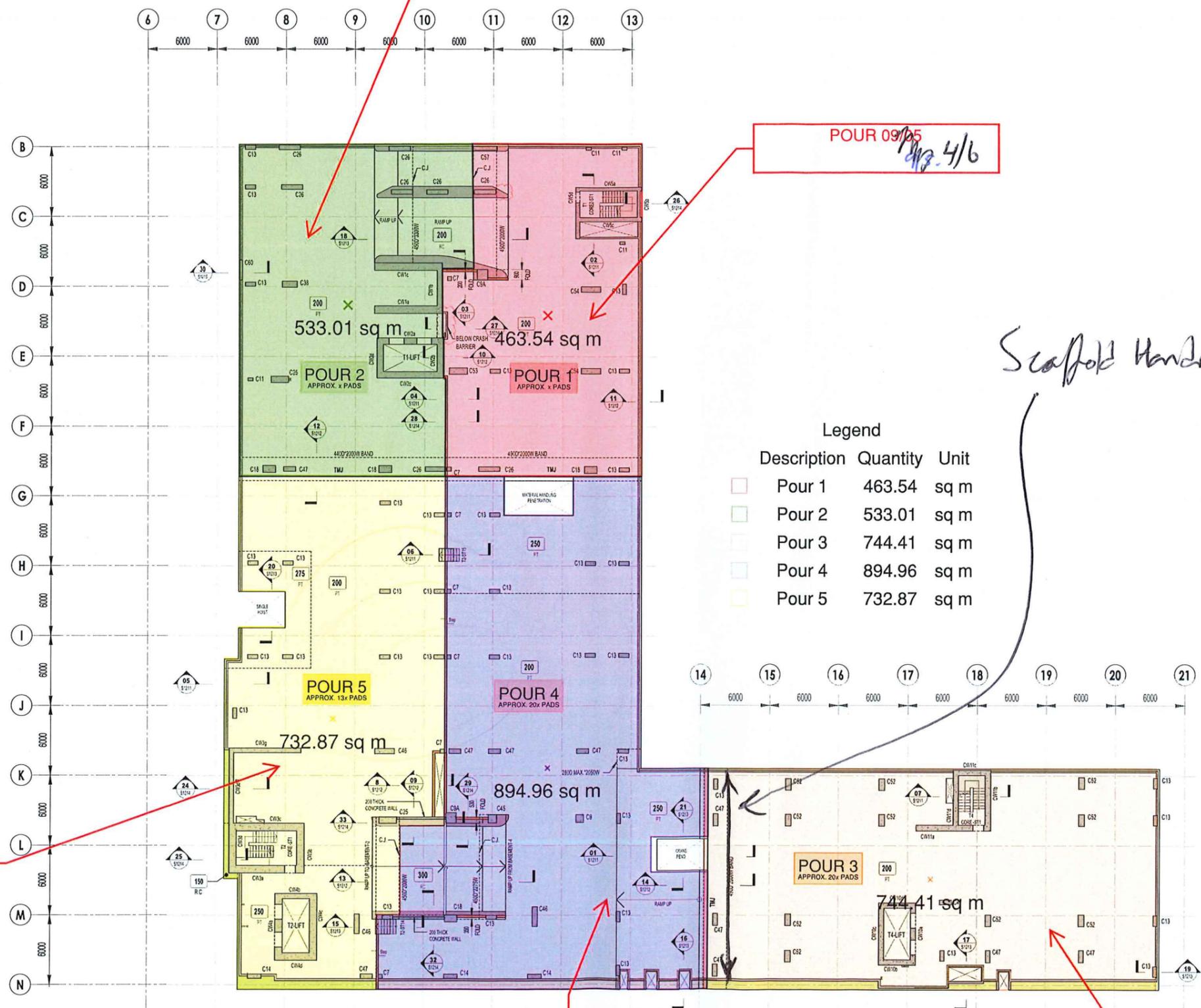
SLABS: N40 - ALLOW 600mm WIDE 65MPa AND 80 MPa STRIP AROUND ALL 65MPa AND 80MPa COLUMNS, RESPECTIVELY MUST ACHIEVE 7MPa AT 24 Hrs. AND 22MPa AT 3 DAYS

HOBS: ALL STRUCTURAL HOBS TO MATCH COLUMN CONCRETE STRENGTH BELOW

COLUMN CAPITAL: COLUMN CAPITAL CONCRETE GRADE SHALL BE LARGER OF THE COLUMN GRADE BELOW OR ABOVE.

NOTE:
 MINIMUM COLUMN SIZE FOR CAST-IN DOWNPIPES: 400mm DIA. OR CIRCULAR, 350mm WIDTH FOR RECTANGULAR

POUR 13/6



Legend

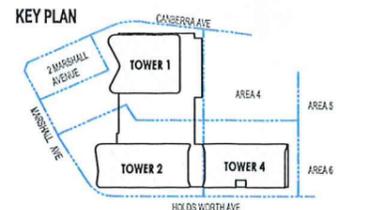
| Description | Quantity | Unit |
|-------------|----------|------|
| Pour 1 | 463.54 | sq m |
| Pour 2 | 533.01 | sq m |
| Pour 3 | 744.41 | sq m |
| Pour 4 | 894.96 | sq m |
| Pour 5 | 732.87 | sq m |

02 BASEMENT LEVEL 3
SCALE @ 1:200

Scaffold Handrail system

POUR 16/05
2/6
MONDAY 2/6

NOTE:
CONCRETE PUDDING IS REQUIRED AROUND COLUMNS AND CORE. PLEASE REFER THE NOTES FOR THE DETAILS.



LEGEND

| | |
|-----|--|
| RC | DENOTES REINFORCED CONCRETE SLAB |
| PT | DENOTES POST TENSIONED CONCRETE SLAB |
| RS | DENOTES SLAB ON GRADE |
| ST | DENOTES SLAB STEP |
| ⊗ | DENOTES PENETRATION / VOID IN SLAB, PROVIDE TRIMMER BARS |
| ⊗ | DENOTES PENETRATION / VOID IN SLAB (NOT A FULL CUT OUT) |
| TMJ | DENOTES TEMPORARY MOVEMENT JOINT |
| PMJ | DENOTES PERMANENT MOVEMENT JOINT |
| SCJ | DENOTES SAWCUT JOINT |
| CW | DENOTES LOAD BEARING CONCRETE WALL OVER |
| CW | DENOTES LOAD BEARING CONCRETE WALL OVER AND UNDER |
| CW | DENOTES LOAD BEARING CONCRETE WALL UNDER |
| --- | DENOTES NON LOAD BEARING MASONRY WALL |
| --- | DENOTES NON LOAD BEARING SPEED PANEL |
| --- | DENOTES LOAD BEARING CORE FILLED BLOCK WALL |
| --- | DENOTES UPSTAND / PLANTER WALL |
| --- | DENOTES HOB |
| --- | DENOTES SPOON DRAIN |
| --- | 1100mm HIGH 200mm THICK CONCRETE CRASH BARRIER |
| C1 | DENOTES REINFORCED CONCRETE COLUMN OVER |
| C1 | DENOTES REINFORCED CONCRETE COLUMN OVER AND UNDER |
| C1 | DENOTES REINFORCED CONCRETE COLUMN UNDER |
| * | DENOTES FALL TO DRAINAGE |

NOTES: 120 SOG - PROVIDE SLAB MESH TOP

| | | | | |
|---|--|----------|----|----|
| 2 | ISSUED FOR CONSTRUCTION (CC VARIATION) | 30.04.25 | SR | JT |
| 1 | ISSUED FOR CONSTRUCTION (CC2) | 14.03.25 | SR | JT |
| Q | ISSUED FOR APPROVAL (CC2 REVIEW) | 12.03.25 | SR | JT |
| P | ISSUED FOR APPROVAL (CC2 REVIEW) | 28.02.25 | SR | JT |
| O | ISSUED FOR REVIEW (CC2) | 26.02.25 | SR | JT |
| N | ISSUED FOR REVIEW (CC2) | 14.02.25 | SR | JT |
| M | ISSUED FOR REVIEW (CC2) | 31.01.25 | SR | JT |

Rev Description Date By App

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Project:
THE LANDMARK QUARTER
4-8 Marshall Avenue, 1-5 Canberra Avenue & 2-8 Holdsworth Avenue, St Leonards NSW 2065.

Developer:
NEW HOPE EVERGREEN
Office 304 500 Pacific Highway St Leonards, NSW, 2065

Contractor:
BINAH

Architect:
rothelowman

Design Consultant:
CADICAL GROUP
1002, 22-24 Market Street, Sydney, NSW 2000 Australia
T: +61 2 8018 6252
Info@cadicalgroup.com.au
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Drawing Title:
**GENERAL ARRANGEMENT
BASEMENT LEVEL-3
STRUCTURAL DRAWINGS**

| | | | | |
|--------------|------------------------|---------------------|----------------|--------|
| Designed: SK | Checked By: RR | Approved By: JT | Date: 19/01/24 | North: |
| Drawn: SR | Project Ref: 01-100100 | Drawing No: S 0022a | Rev: 2 | |
| Scale: 1:200 | | | | |
| Sheet: A1 | | | | |

| DECLARED DESIGN | | | | |
|--|------------|-------------------------------|---------------------|------------|
| PROJECT ADDRESS: 4-8 MARSHALL AVE, ST. LEONARDS NSW 2065 | | | | |
| PROJECT TITLE: THE LANDMARK QUARTER | | | | |
| CONSENT No.: DA2279-01-664323 | | BODY CORP REG TAG: DEP0001266 | | |
| DRAWING TITLE: GA-BASEMENT-2 | | DA No: 79/2022 | | |
| | | DRAWING No: S0024 | | |
| REV | DATE | DESCRIPTION | DP FULL NAME | REG NO |
| 1 | 14.03.2025 | GA-BASEMENT-2 | THANGARAJAH JANARAJ | DEP0001755 |
| 2 | 30.04.2025 | UPDATED GA-BASEMENT-2 | THANGARAJAH JANARAJ | DEP0001755 |

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- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER TYPICAL DETAILS INCLUDING BUT NOT LIMITED TO COLUMNS, WALLS, STAIRS AND RAMPS IN THE DRAWING SET U.I.O.
- FOR THE PF FLAT PLAT LESS THAN 200 THICK IN THE BATHROOM SETDOWN, FIRE ENGINEERS PERFORMANCE SOLUTION IS REQUIRED.
- REFER DRG NUMBER S1251-S1253 FOR OSD TANK DETAILS.
- REFER DRG NUMBER S1152 FOR RETAINING WALL TYPICAL DETAILS.
- REFER ARCHITECTURE DRAWINGS FOR TOP OF WALL LEVELS.
- THE SLAB THICKNESS INDICATED IN THE DRAWINGS REPRESENTS THE MINIMUM REQUIREMENT AND SHOULD BE MAINTAINED.

| WALL SCHEDULE | |
|---------------|-----------|
| TYPE | THICKNESS |
| CW1a | 650 |
| CW1b | 450 |
| CW1c | 650 |
| CW2a | 550 |
| CW2b | 550 |
| CW2c | 550 |
| CW2d | 550 |
| CW3a | 650 |
| CW3b | 650 |
| CW3c | 650 |
| CW3d | 650 |
| CW3e-2 | 400 |
| CW3g | 400 |
| CW4a | 650 |
| CW4b | 450 |
| CW4c | 650 |
| CW4d | 650 |
| CW5a | 300 |
| CW5c | 350 |
| CW5d | 350 |
| CW5e | 250 |
| CW10a | 450 |
| CW10b | 450 |
| CW10c | 450 |
| CW10d | 450 |
| CW11a | 500 |
| CW11b | 500 |
| CW11c | 450 |
| CW11d | 450 |

CONCRETE GRADES (TOWER 1 & 2, UNO) CONCRETE GRADES (TOWER 4, UNO)

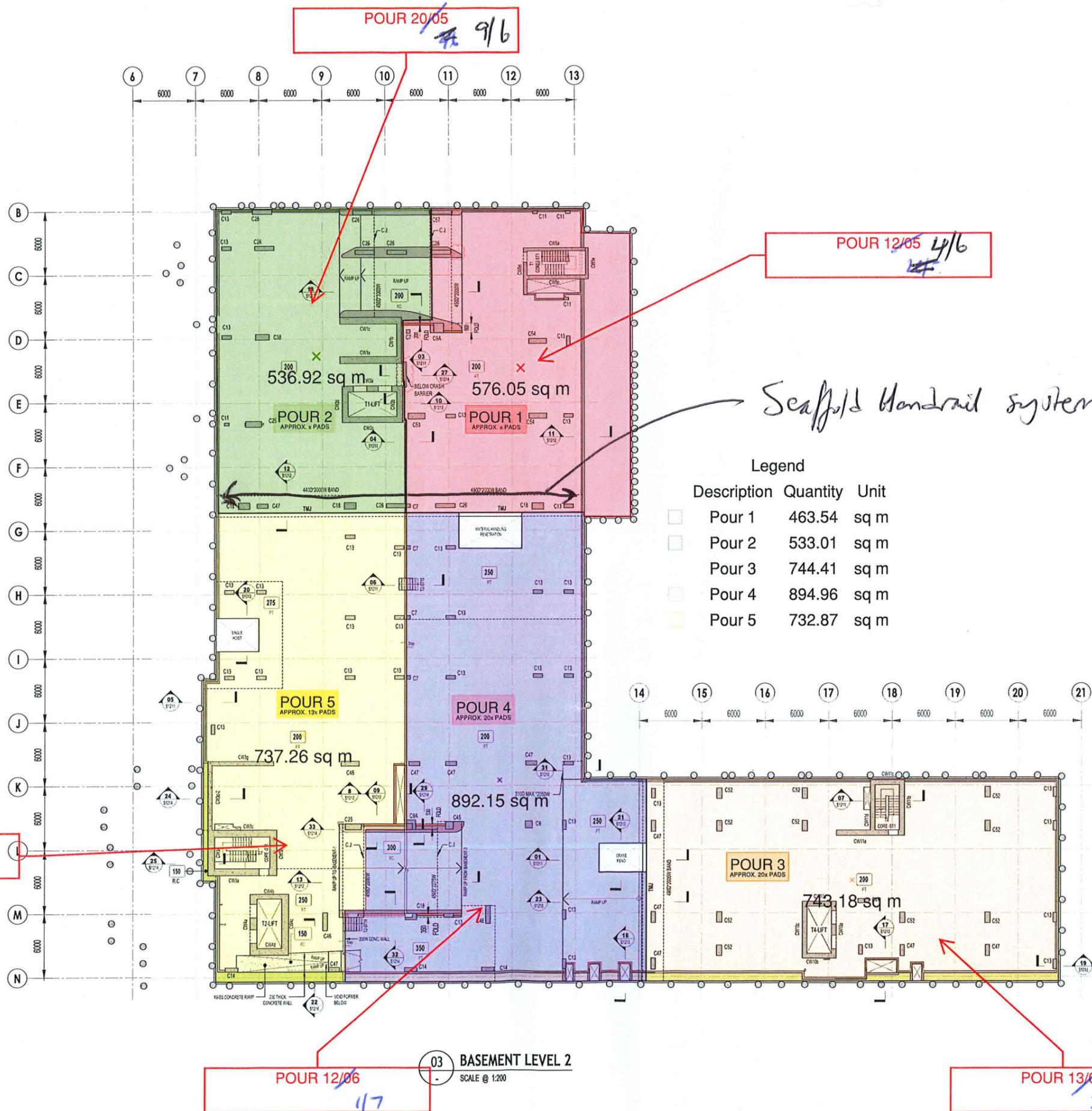
WALLS AND COLUMNS: B4-B1 - 80MPa
 ID-L7 - 65MPa
 ID-L19 - 50MPa
 L20-ROOF - 40MPa
 THE ABOVE GRADES SHALL BE ADOPTED UNLESS DRAWING STATES OTHERWISE.

SLABS: N40 - ALLOW 600mm WIDE 65MPa AND 80 MPa STRIP AROUND ALL 65MPa AND 80MPa COLUMNS, RESPECTIVELY MUST ACHIEVE 7MPa AT 24 Hrs. AND 22MPa AT 3 DAYS

HOBS: ALL STRUCTURAL HOBS TO MATCH COLUMN CONCRETE STRENGTH BELOW

COLUMN CAPITAL: COLUMN CAPITAL CONCRETE GRADE SHALL BE LARGER OF THE COLUMN GRADE BELOW OR ABOVE.

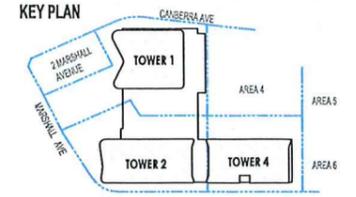
NOTE: MINIMUM COLUMN SIZE FOR CAST-IN DOWNCAST CONCRETE FOR CIRCULAR, 350mm WIDTH FOR RECTANGULAR



Legend

| Description | Quantity | Unit |
|-------------|----------|------|
| Pour 1 | 463.54 | sq m |
| Pour 2 | 533.01 | sq m |
| Pour 3 | 744.41 | sq m |
| Pour 4 | 894.96 | sq m |
| Pour 5 | 732.87 | sq m |

NOTE: CONCRETE PUDDING IS REQUIRED AROUND COLUMNS AND CORE. PLEASE REFER THE NOTES FOR THE DETAILS.



LEGEND

| | |
|----------|---|
| [Symbol] | REINFORCED CONCRETE SLAB |
| [Symbol] | POST TENSIONED CONCRETE SLAB |
| [Symbol] | SLAB ON GRADE |
| [Symbol] | SLAB STEP |
| [Symbol] | PENETRATION / VOID IN SLAB, PROVIDE TIMBER BARS |
| [Symbol] | PENETRATION / VOID IN SLAB (NOT A FULL CUT OUT) |
| [Symbol] | TEMPORARY MOVEMENT JOINT |
| [Symbol] | PERMANENT MOVEMENT JOINT |
| [Symbol] | SAW CUT JOINT |
| [Symbol] | LOAD BEARING CONCRETE WALL OVER AND UNDER |
| [Symbol] | LOAD BEARING CONCRETE WALL OVER AND UNDER |
| [Symbol] | LOAD BEARING CONCRETE WALL UNDER |
| [Symbol] | NON LOAD BEARING MASONRY WALL |
| [Symbol] | NON LOAD BEARING SPEED PANEL |
| [Symbol] | LOAD BEARING CORE FILLED BLOCK WALL |
| [Symbol] | UPSTAND / PLANTER WALL |
| [Symbol] | HOBS |
| [Symbol] | SPONGE DRAIN |
| [Symbol] | 1100mm HIGH 200mm THICK CONCRETE CRASH BARRIER |
| [Symbol] | REINFORCED CONCRETE COLUMN OVER |
| [Symbol] | REINFORCED CONCRETE COLUMN OVER AND UNDER |
| [Symbol] | REINFORCED CONCRETE COLUMN UNDER |
| [Symbol] | FALL TO DRAINAGE |

NOTES: 120 SOG - PROVIDE S&Z MESH TOP

| Rev | Description | Date | By | App |
|-----|--|----------|----|-----|
| 2 | ISSUED FOR CONSTRUCTION (CC VARIATION) | 30.04.25 | SR | JT |
| 1 | ISSUED FOR CONSTRUCTION (CC2) | 14.03.25 | SR | JT |
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| N | ISSUED FOR REVIEW (CC2) | 14.02.25 | SR | JT |
| M | ISSUED FOR REVIEW (CC2) | 31.01.25 | SR | JT |

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Project: **THE LANDMARK QUARTER**
 4-8 Marshall Avenue, 1-5 Canberra Avenue & 2-8 Holdsworth Avenue, St Leonards NSW 2065.

Developer: **NEW HOPE EVERGREEN**
 Office 304 500 Pacific Highway St Leonards, NSW, 2065

Contractor: **BINAH**

Architect: **rothelowman**

Design Consultant: **CADIGAL GROUP**
 1002, 22-24 Market Street, Sydney, NSW 2000 Australia
 T: +61 2 8018 5252
 Info@cadigalgroup.com.au
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Drawing Title: **GENERAL ARRANGEMENT BASEMENT LEVEL-2**

STRUCTURAL DRAWINGS

| | | | | |
|--------------|----------------|------------------------|--------------------|----------|
| Designed: SK | Checked By: RR | Approved By: JT | Date: 19/01/24 | North: N |
| Drawn: SR | Scale: 1:200 | Project Ref: 01-100100 | Drawing No: S 0024 | Rev: 2 |
| Sheet: A1 | | | | |