



GROUND LEVEL - 3D VIEW  
SCALE

1. Concrete beams between Grid 6 and 7 at Grid B, C added
2. Stairs on Grid 4 added
3. Stairs between Grid 5 & 6 and D & E added
4. CW300 at Grid 5 between E & F removed
5. Concrete slab depth reduced at grid 2 & 3 and C & D from 300mm to 180mm
6. Concrete all at grid D3 reduced from 300mm to 200mm
7. Concrete slab between grids 5 & 6 and E & F increased from 180mm to 200mm
8. Penetration added between Grid B & C at Grid 1
9. Perimeter columns changed from round to rectangle
10. Beam between Grids C & D on Grid 2 increased from 450mm deep to 700mm

WALL SCHEDULE				
MARK	THICKNESS	REO RATE	CONCRETE GRADE (f <sub>c</sub> ) MPa	COMMENTS
CW200	200	125kg/m <sup>2</sup>	50 (avg)	CONCRETE CORE WALL
CW250	250	125kg/m <sup>2</sup>	50 (avg)	CONCRETE CORE WALL
CW250 - UPSTAND	250	125kg/m <sup>2</sup>	50 (avg)	CONCRETE WALL
CW300	300	125kg/m <sup>2</sup>	50 (avg)	CONCRETE CORE WALL
CW350	350	125kg/m <sup>2</sup>	50 (avg)	CONCRETE CORE WALL
MW140	140	80kg/m <sup>2</sup>		CORE FILLED MASONRY LOADBEARING WALL
RC18 x 1000H UPSTAND	180	100 kg/m <sup>2</sup>	40	CONCRETE WALL
RC20	200	100 kg/m <sup>2</sup>	40	CONCRETE WALL
RC25	250	125kg/m <sup>2</sup>	50 (avg)	CONCRETE WALL

ALL (CW 100) kg/m<sup>2</sup> REINFORCEMENT FOR HEADER BEAMS

**STRUCTURAL LEGEND**

- LOAD BEARING RC OVER
- LOAD BEARING PRECAST OVER
- LOAD BEARING MASONRY OVER
- LOADBEARING OVER & UNDER
- LOADBEARING UNDER
- PENETRATION FORMED
- PENETRATION ZONE EXACT LOCATIONS & SIZES OF PENETRATIONS TO BE CONFIRMED/COORDINATION WITH SERVICES ENGINEER
- SETDOWN AREA NET AREA: 300mm MAX TERRACES: 300mm MAX.
- CONSTRUCTION JOINT
- SAW CUT JOINT
- 0.75 BMT BONDEK SPAN DIRECTION
- DEMOTES STEP (H-VARIES)
- DEMOTES STEP MAJOR DROP (H-VARIES)

**STRUCTURAL SIZES**

**FLOOR ELEMENTS**

- ALL FLOOR ELEMENTS: P<sub>c</sub> = 40 MPa
- PT RATE kg/m<sup>2</sup> = 4.2
- REO RATE kg/m<sup>2</sup> = 90

**SLABS**

- SLAB THICKNESS
- SLAB REINFORCEMENT TYPE

**BAND BEAMS TO BE POST TENSIONED U.O.**

- BAND BEAM WIDTHxDEPTH
- BAND BEAM REINFORCEMENT TYPE

**VERTICAL ELEMENTS**

**LOAD BEARING WALLS**

- MINIMUM STRUCTURAL WALL THICKNESS

**COLUMNS**

- COLUMN MARK REFER TO COLUMN SCHEDULES FOR SIZE, DETAIL TYPE, REINT. RATE, LUGS & GRADE. ON DRAWINGS 07XXX.

**HEADER BEAMS**

- LOBBY HEADER BEAMS: 777mm DEEP

**STRUCTURAL STEPS, FOLDS & HOBS**

APPROPRIATE ALLOWANCES TO BE MADE FOR HOBS AND FOLDS IN STRUCTURE TO ACCOMMODATE ARCHITECTURAL SETDOWNS. REFER TYPICAL DETAILS FOR FOLD WIDTHS.

PERIMETER RETENTION WALL T.B.C.

NOT TO SCALE

DRAWING NOTES ISSUED FOR INFORMATION	A
STRUCTURAL CHANGES	B

PROJECT: 275 JOHN STREET SYDNEY (275J)

PREPARED EC  
APPROVED EC  
REVISION B  
DATE: 28/07/2019

GROUND FLOOR (STRUCTURAL DRAWING)

