

**LEGEND:**

**GENERAL NOTES:**  
FOR COMPLETE STRUCTURAL NOTES REFER TO DRAWING NR: D6P3.2-STR-CN-100

- THIS SET OF DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE RELEVANT DRAWINGS FROM OTHER DISCIPLINES AND ANY DISCREPANCIES BETWEEN THEM SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- NO SCALING OF DIMENSIONS IS PERMITTED ON THESE DRAWINGS. ONLY WRITTEN DIMENSIONS WHICH, UNLESS NOTED OTHERWISE (u.n.o.), ARE GIVEN IN MILLIMETERS, MAY BE DEEMED CORRECT. IF ANY DIMENSION SEEMS DOUBTFUL, THE ENGINEER SHALL BE CONSULTED.
- ALL EXISTING DIMENSIONS ARE TO BE CHECKED ON SITE AND CORRELATED WITH THE ARCHITECT'S DRAWINGS BY THE CONTRACTOR. ANY DISCREPANCIES OR VARIATIONS FROM THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. NO WORK SHALL COMMENCE NOR ANY MATERIAL BE ORDERED UNTIL THE ENGINEER IS NOTIFIED ACCORDINGLY.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MATERIAL SHALL COMPLY AND ALL WORKMANSHIP SHALL BE EXECUTED IN STRICT ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS SHOWN ON THESE DRAWINGS. THE LATEST REVISION OF SANS 10400, SANS 2001, THE NATIONAL BUILDING REGULATIONS (NBR) AND THE LATEST EDITIONS OF THE RELEVANT SANS CODES OF PRACTICE AND STANDARD METHODS, IRRESPECTIVE OF WHETHER THE ENGINEER HAS INSPECTED THE WORKS ON SITE OR NOT, WHERE A SANS CODE HAS BEEN REPLACED BY A SANS CODE IT IS DEEMED THAT THE LATEST VERSION OF THE RELEVANT CODE IS APPLICABLE.
- ALL WATERPROOFING DETAILS TO BE IN CONJUNCTION WITH THE ARCHITECT'S SPECIFICATIONS AND INSTRUCTIONS, U.N.O.
- ALL BRICKWORK SETTING OUT TO BE DONE ACCORDING TO THE ARCHITECT'S DRAWINGS.
- ALL CONCRETE SETTING OUT TO BE DONE ACCORDING TO THE ARCHITECT'S DRAWINGS.
- NO SERVICES SHOWN ON DRAWINGS.

**NOTES:**

- ALL CONCRETE TO BE 30MPa/19mm U.N.O
- REFER TO STAIR LAYOUT DRAWING FOR DETAILED STAIR LAYOUT
- ALL BRICKWORK IS NON-LOADBEARING, TO BE SET OUT ACC. TO ARCHITECT'S DRAWINGS
- REFER TO ARCH'S DRAWING FOR RAINWATER DOWN PIPES, MECHANICAL & ELECTRICAL ENGINEERS' DRAWINGS FOR SERVICES.

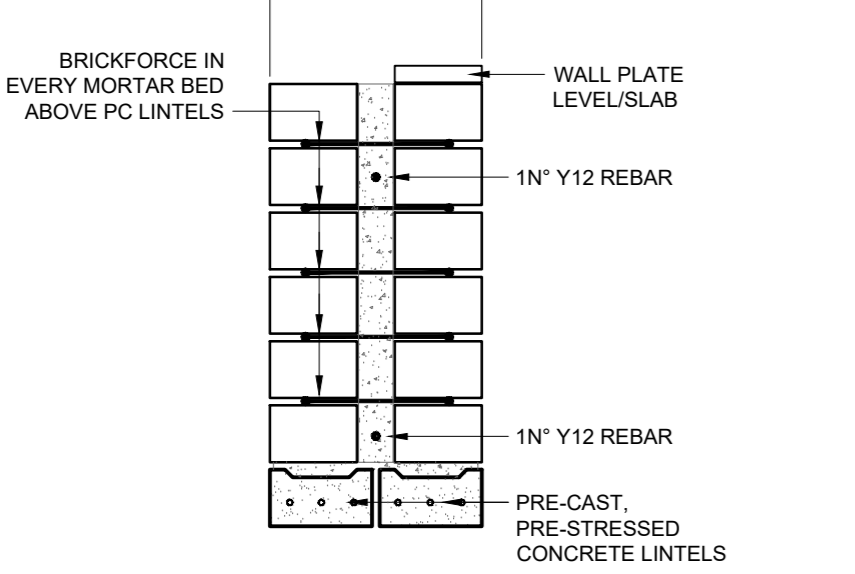
**LEGEND:**

FGL = FINISHED GROUND LEVEL REFER TO CIVIL ENGINEERS AND LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL LEVELS  
TOC = TOP OF CONCRETE  
FFL = FINISHED FLOOR LEVEL  
FTOC = FOUNDATION TOP OF CONCRETE

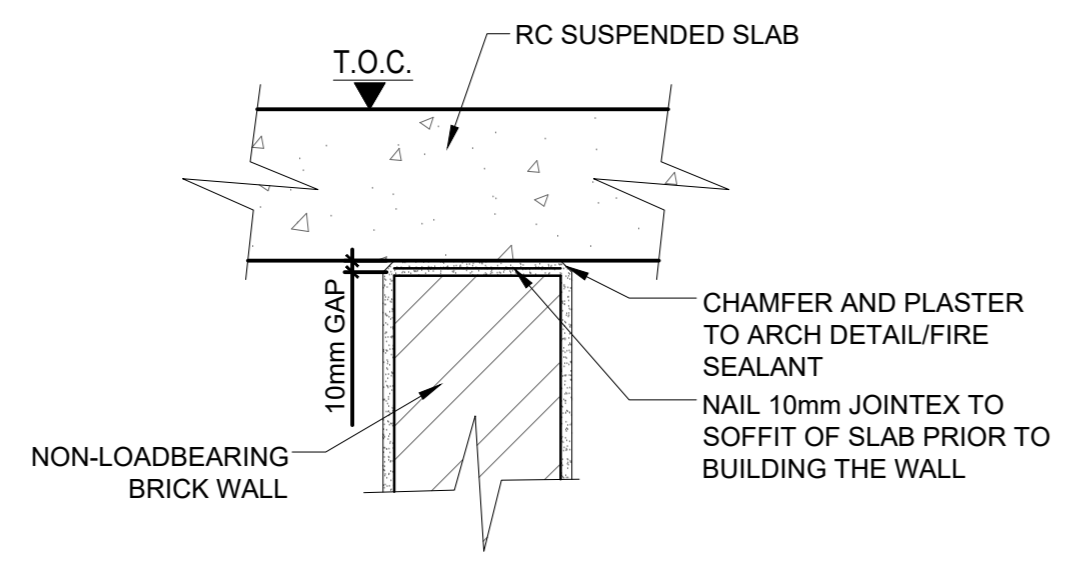
RC WALL  
RC BELOW  
UNIT NUMBER

**NOTE**

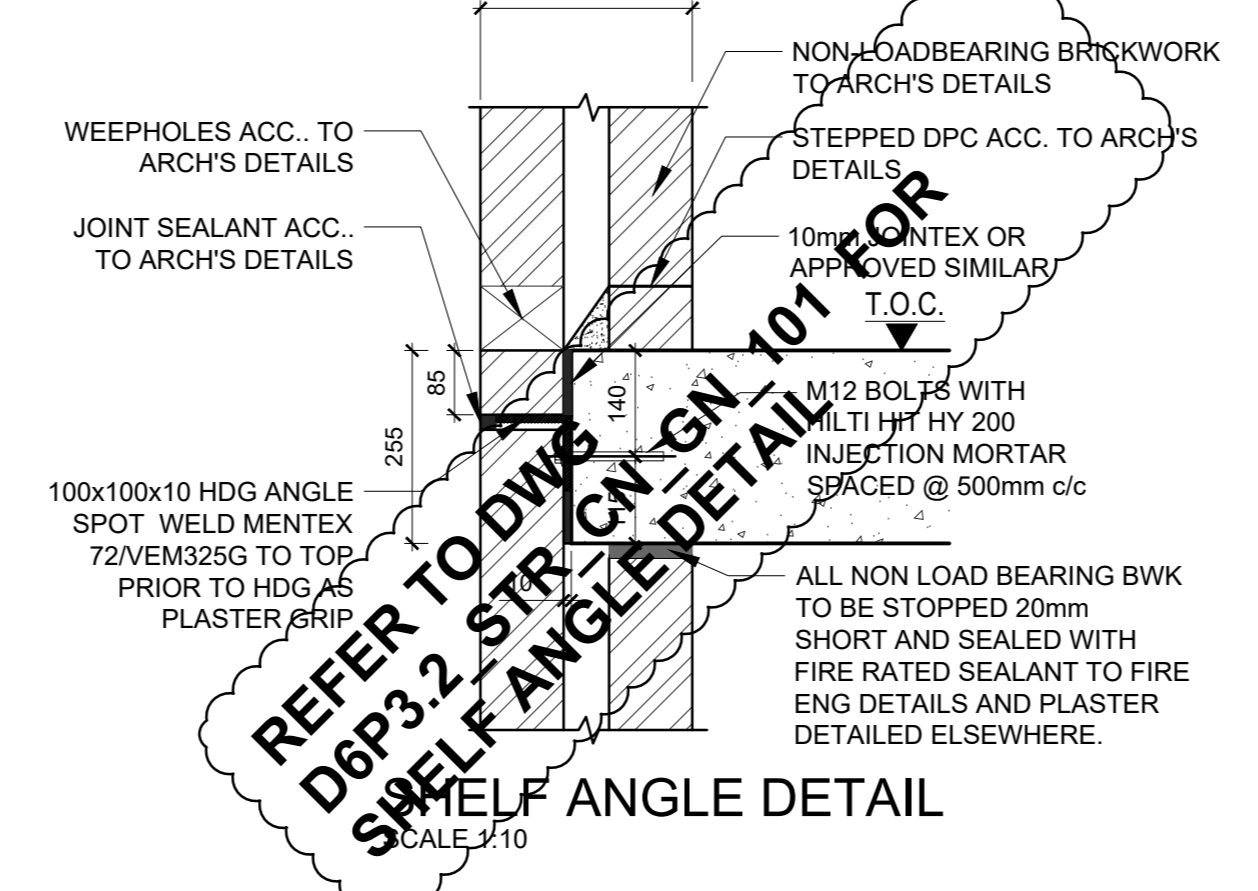
- REBAR LOCATED IN CENTRE OF CAVITY
- MINIMUM CAVITY CONCRETE STRENGTH TO BE 15MPa
- REFER TO SANS 1006X FOR STANDARD DETAILS



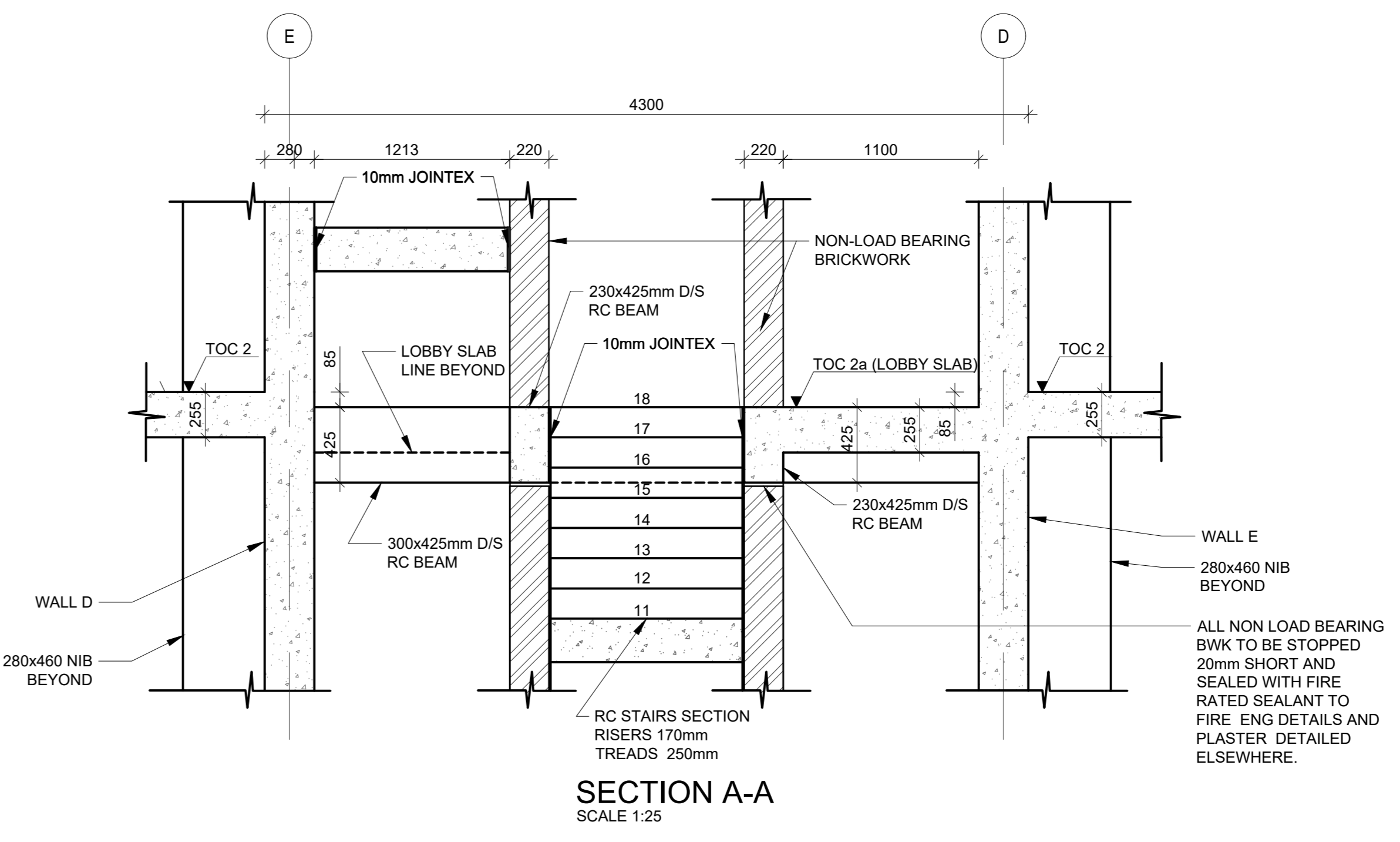
TYPICAL LINTEL BEAM DETAIL  
SCALE 1:10



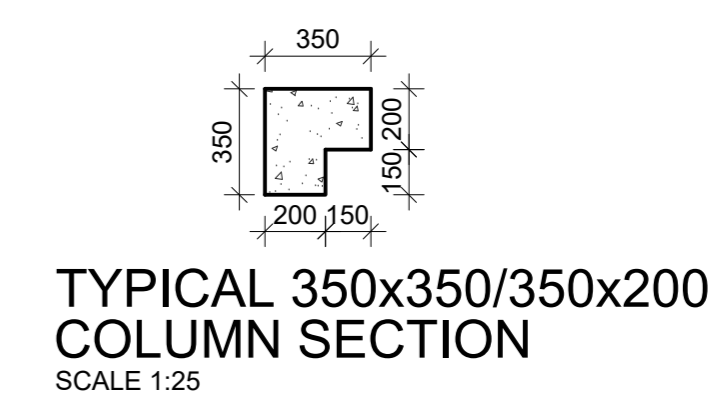
JOINT DETAIL ON TOP OF  
NON-LOADBEARING WALL  
SCALE 1:10



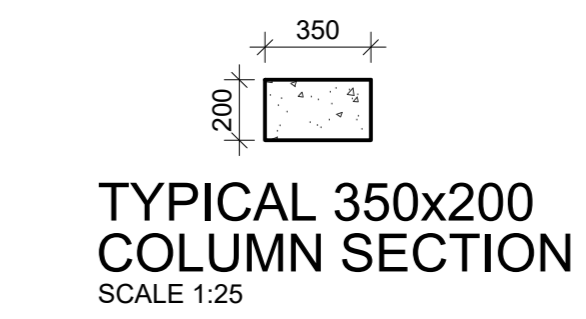
REFER TO DWG D6P3.2/STR/CN-101-103  
SHELF ANGLE DETAIL  
SCALE 1:10



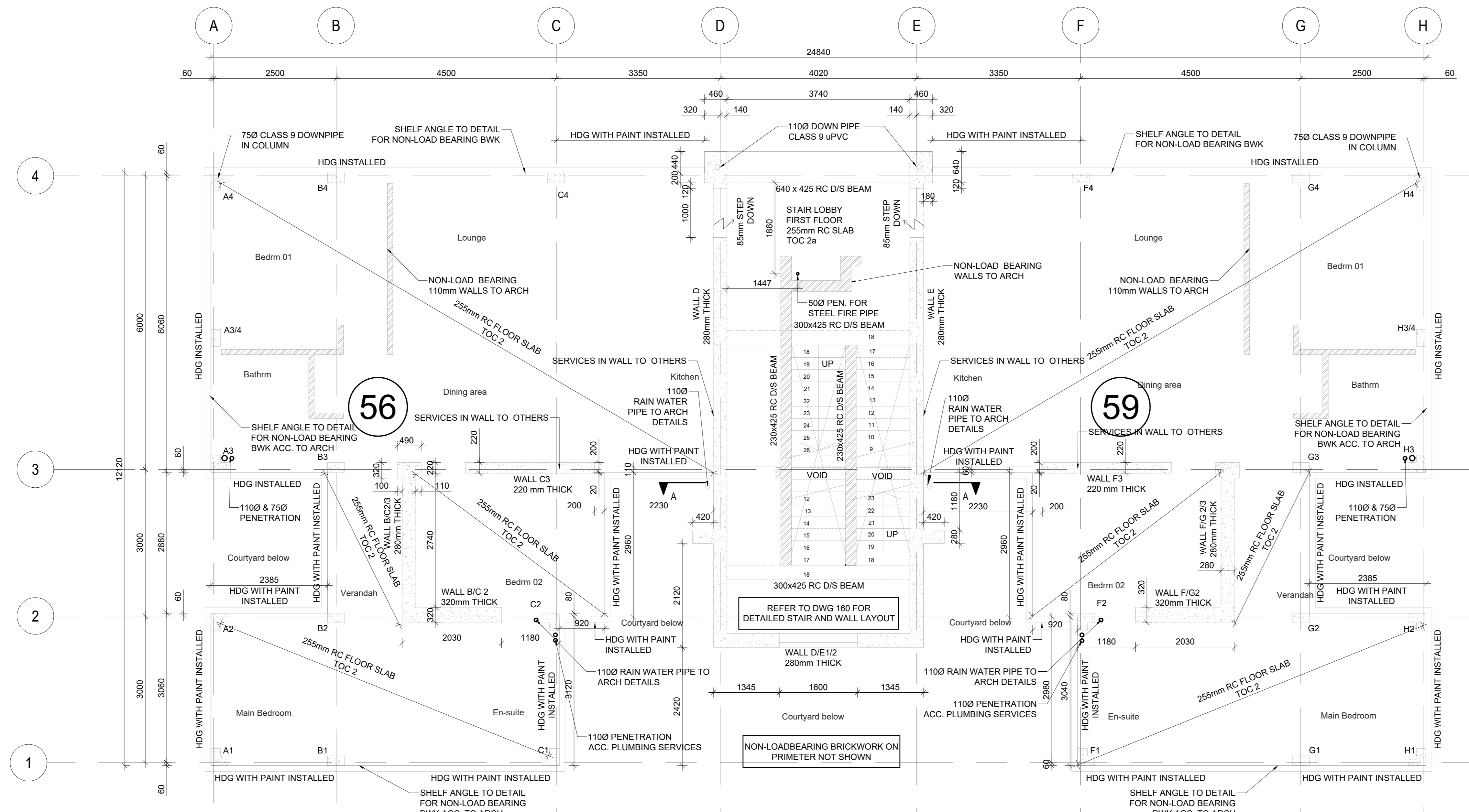
SECTION A-A  
SCALE 1:25



TYPICAL 350x350/350x200  
COLUMN SECTION  
SCALE 1:25



TYPICAL 350x200  
COLUMN SECTION  
SCALE 1:25



BLOCK Q3  
FIRST FLOOR LAYOUT  
SCALE 1:50

BLOCK	BUILDING FLOOR TOC LEVELS					STAIR LOBBY				
	GR FLR	1ST FLR	2ND FLR	3RD FLR	TOC 4	GR FLR	1ST FLR	2ND FLR	3RD FLR	ROOF
	TOC 1	TOC 2	TOC 3	TOC 4	TOC 1a	TOC 2a	TOC 3a	TOC 4a	TOC 5a	
Q3	31.600	34.660	37.720	40.780	31.515	34.575	37.640	40.865	43.840	

**REPAIR NOTE:**

- ALL SLEEVE & DOWNPIPE LEVELS & CONDITION TO BE VERIFIED.
- ALL REQUIRED CORE HOLE POSITIONS TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCING. IF SCANNING OF REBAR IS NEEDED, THIS TO TAKE PLACE PRIOR TO COMMENCING WITH THE CORE DRILL. ALL CORE DRILLED HOLES & REBAR (IF APPLICABLE) TO RECEIVE SPECIFIED SURFACE PREPARATION & BE FILLED, AS SPECIFIED, WITHIN 48 HOURS.
- ALL VISIBLE LOADBEARING ELEMENTS TO BE VERIFIED FOR POSITION, PLUMBNESS & CONDITION WITH WRITTEN REPORT TO THE ENGINEER IN AN APPROVED FORMAT.
- WEEP HOLES ACCORDING TO DWG Q3-103 TO BE VERIFIED & CORRECTED (IF NEEDED)
- ALL SUSPENDED SLABS & STAIRS HAVE BEEN CAST.
- CHECK STAIR BEAMS FOR DEFECTS.
- REPAIRS TO STAIR BEAMS TO BE DONE.
- SOME SURFACE BEDS HAVE BEEN CAST.

CN			
Rev	Date	Description of changes	By
A	2018-10-05	FOR TENDER	MT
0	2019-02-19	FOR CONSTRUCTION	MT
1	2019-06-11	TABLE LEVEL REVISED	MT
REVISIONS			

**Client**

Department:  
Rural Development and Land Reform  
REPUBLIC OF SOUTH AFRICA

DRDLR: Office of the Regional Land Claims Commissioner: WC  
Department of Rural Development and Land Reform  
14 Long Street  
Cape Town

**Consultant**

A FIFTH DIMENSION TO ENGINEERING

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APPROVED

THE MASTER HELD AT ELEMENT CONSULTING ENGINEERS BEARS THE ORIGINAL SIGNATURE OF APPROVAL

MM DUVENHAGE 2019-06-11  
SIGNATURE: NAME: DATE:

Project

**DISTRICT SIX  
REDEVELOPMENT  
PHASE 3.2 - SITE Q**

Project Description

**RESTITUTION HOUSING**

Drawing Title

**BLOCK Q3  
FIRST FLOOR LAYOUT,  
SECTIONS AND DETAILS**

Drawing Units: mm Drawing Size: A0

Date: 2019-06-11 Scale: AS SHOWN Designed By: MD

Checked By: RH Drawn By: ACW/MT Approved By: MD

Consultant Drawing No: D6P3.2/STR/CN/Q3/120

Project Drawing No: D6P3.2/STR/CN/Q3/120