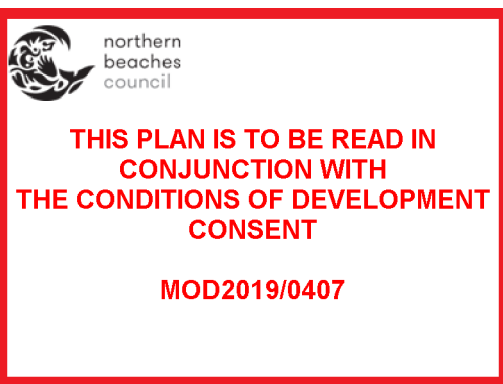


BOUNDARY

BOUNDARY



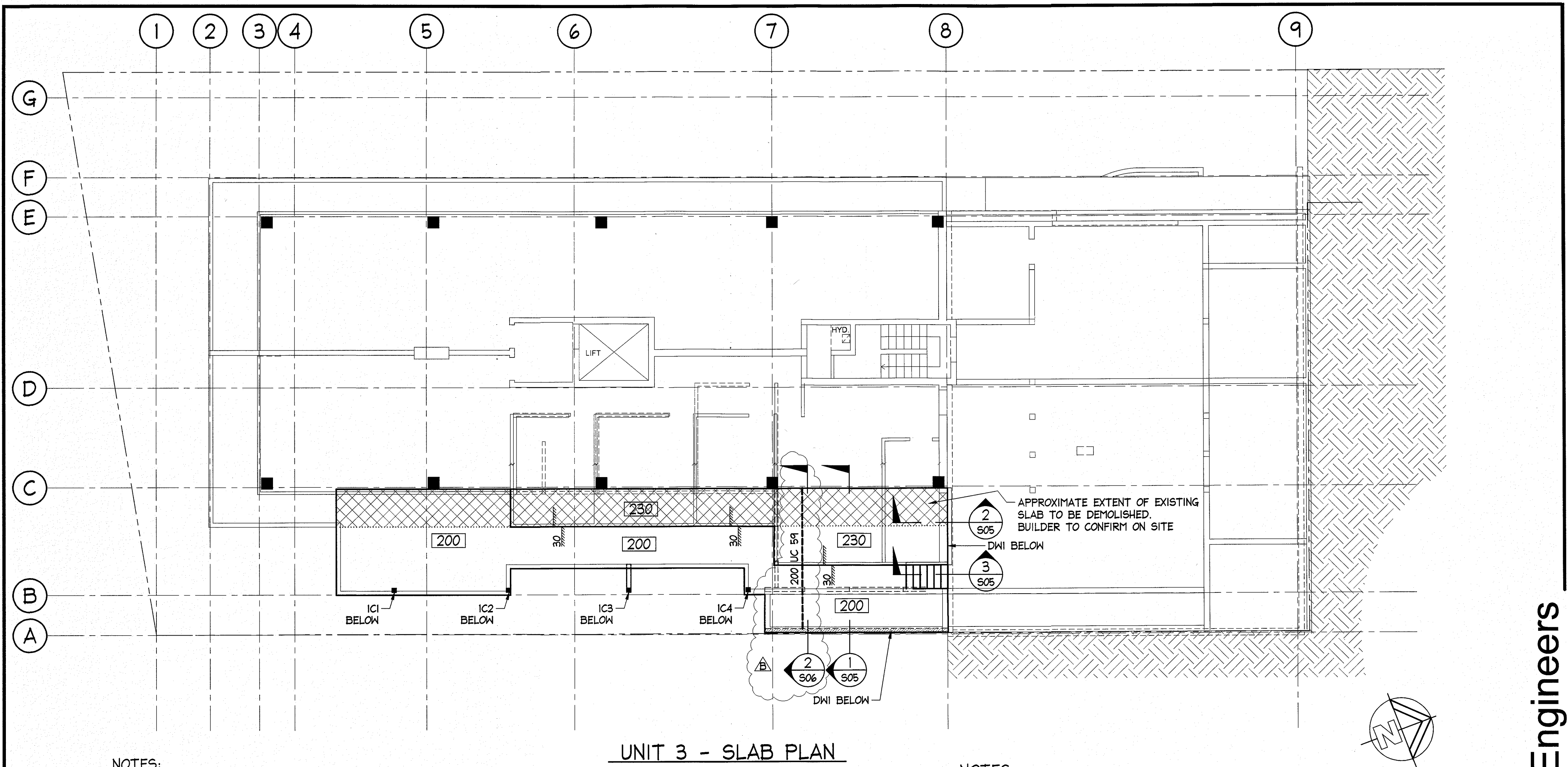
0 | 2 | 4 | 6 | 8 |

The proposed building works must comply with all relevant Australian Standards and the Building Code of Australia.

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions prior to the commencement of any work, the preparation of shop drawings or the fabrication of components.

Do not alter, reproduce or transmit in any form, or by any means without the express permission of PrestonPeterson.

scale: 1 : 100 @ A1      Date: 07.08.2019

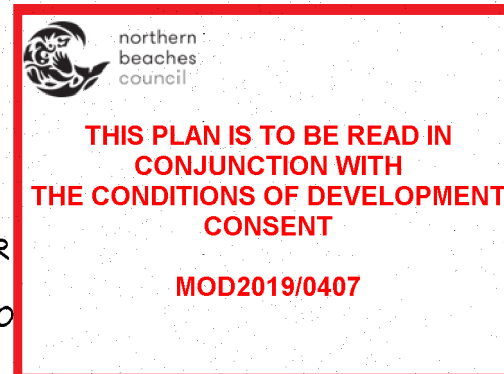


### UNIT 3 - SLAB PLAN

SCALE = 1 : 100

#### NOTES:

1. FINISHES, FLASHING AND WATERPROOF MEMBRANES AS PER ARCHITECTS DETAILS
2. FINISHED FLOOR LEVELS (FFL) AND THICKNESS OF FLOOR FINISH TO BE CONFIRMED WITH ARCHITECT.
3. ANY REINFORCED CONCRETE SLAB THAT IS DESIGNED IN ACCORDANCE WITH AUSTRALIAN STANDARDS IS SUSCEPTIBLE TO SHRINKAGE CRACKING DUE TO THE NATURE OF THE HYDRATION PROCESS INVOLVED IN CURING. A CERTAIN LEVEL OF CRACKING IS THEREFORE CONSIDERED ACCEPTABLE IN THE STANDARDS. CONSEQUENTLY IF A CRACK FREE SURFACE IS NECESSARY THEN A PROPRIETARY TOPPING SYSTEM SHOULD BE CONSIDERED.
4. CAST IN-SITU SLABS TO BE POLISHED:  
ALLOW ADDITIONAL THICKNESS IN SLAB AND EXTRA COVER TO REINFORCEMENT TO SUIT REAMING DEPTH FOR POLISHING (APPROXIMATE 10 to 15mm REAMING DEPTH).  
REAMING DEPTH AND EXTENT OF POLISHED CONCRETE TO BE CONFIRMED WITH ARCHITECT.



#### NOTES:

CONCRETE STRENGTH  
INTERNAL SLABS:  
f'c = 40 MPa., 550 MICROSTRAIN, COVER = 30 mm  
EXTERNAL SLABS:  
f'c = 40 MPa., 550 MICROSTRAIN, COVER = 45 mm

#### LEGEND:

- 200 200mm THICK SUSPENDED SLAB  
230 230mm THICK SUSPENDED SLAB

#### MEMBER SCHEDULE:

COLUMNS:  
IC1, IC2, IC4 - 89x89x6 SHS  
IC3 - 125x125x9 SHS or 150x150x5 SHS

#### NOTES:

ALL STEELWORK CORROSION PROTECTION SHALL BE IN ACCORDANCE TO REQUIREMENTS OF THE CURRENT NCC BUILDING CODE OF AUSTRALIA IN PARTICULAR SECTION 3.4.4.2 AND TABLE 3.4.4.2 AND AS 4100. A FINAL SPECIFICATION OF A PROPRIETARY TYPE COATING SYSTEM SHALL BE PREPARED TO EITHER:  
AS/NZS 2312.1 - PART 1 - PAINT COATINGS  
AS/NZS 2312.2 - PART 2 - HOT-DIP GALVANIZING.  
NOTE: NORTHERN BEACHES CONSULTING ENGINEERS CAN LEND ASSISTANCE TO THE PROJECT SPECIFIER ON STEELWORK PROTECTION BUT DO NOT WARRANT OR CERTIFY THE DURABILITY OF ANY STEELWORK BY PROPRIETARY PAINT COATING SYSTEMS OR HOT-DIPPED GALVANIZING.

#### NOTES:

1. ALL DIMENSIONS TO BE VERIFIED ON SITE BY BUILDER BEFORE COMMENCING WITH WORK.
2. FOR GENERAL NOTES REFER TO DRAWING NUMBER: S01.

ISSUED FOR CONSTRUCTION

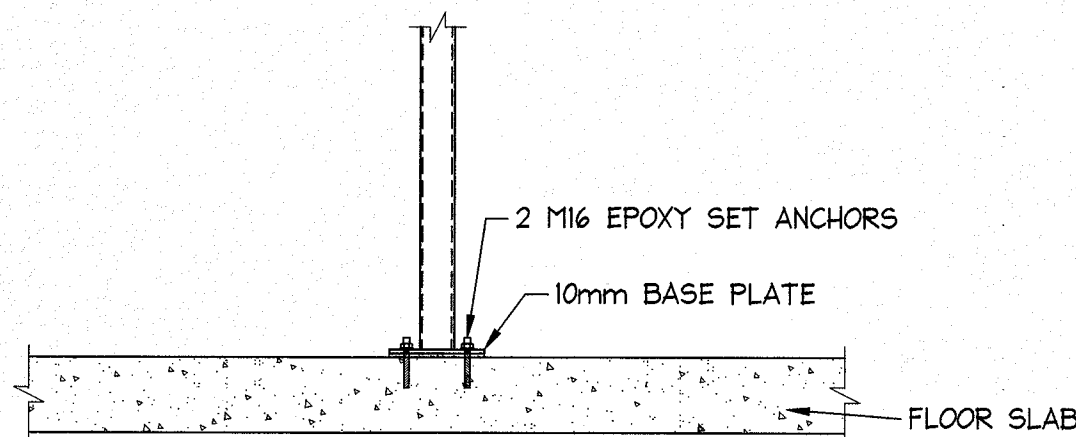
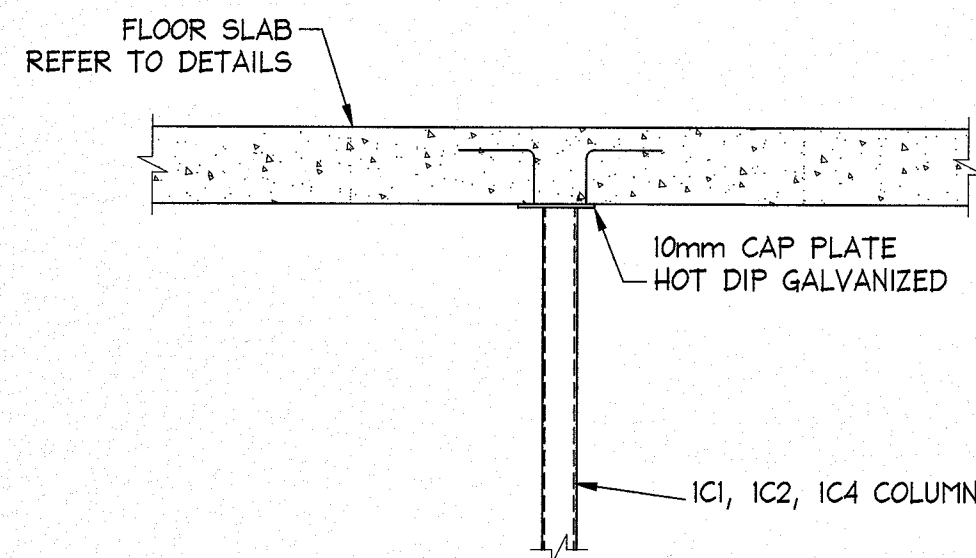
IF IN DOUBT ASK

A2

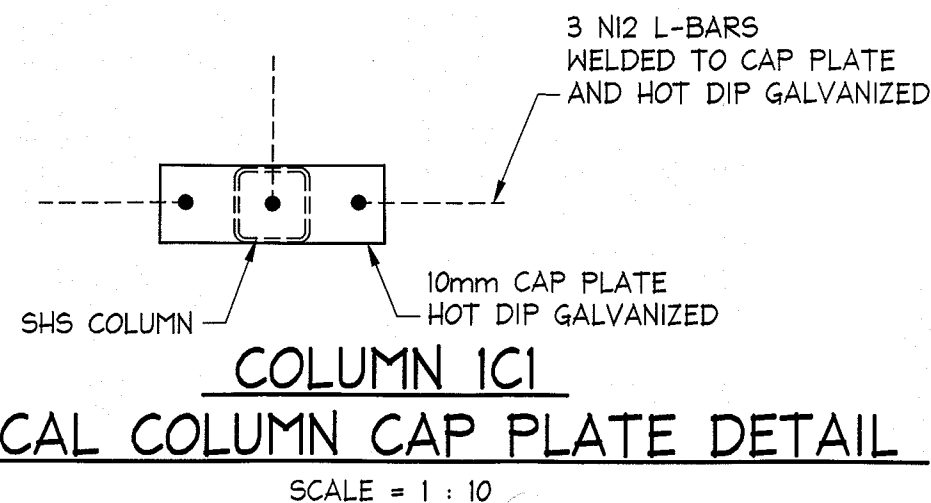
<b>DOCUMENT CERTIFICATION</b> Date: 5/4/19 Stewart McGeady B.E.(Civil), MIEAust, P.Eng (Director NB Consulting Engineers) The copyright of this drawing remains with Northern Beaches Consulting Engineers Pty Ltd. Trading as NB Consulting Engineers				<b>NB Consulting Engineers</b> STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 816 A.B.N. 24 076 121 816 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au		Architect: <b>Architectural Projects Pty Ltd</b> Client:	Project: <b>ALTERATIONS AND ADDITIONS</b> <b>48A Queenscliff Road Queenscliff N.S.W. 2096</b> Drawing Title:	Date: Oct 2018	Design: N.C.	Drawn: Paul R Bruce AMIEAust.
03.04.2019	B	ISSUED FOR CONSTRUCTION - BEAM ADDED	P.R.B.	-	<b>Strata Plan 4129</b>		Drawing No: <b>UNIT 3 SLAB PLAN</b>	Job No: <b>180986</b>	Drawing No: <b>S02</b>	Issue: <b>B</b>
10.10.2018	A	ISSUED FOR CONSTRUCTION	P.R.B.	-						
Date:	Issue:	Description:	By:	Review:						

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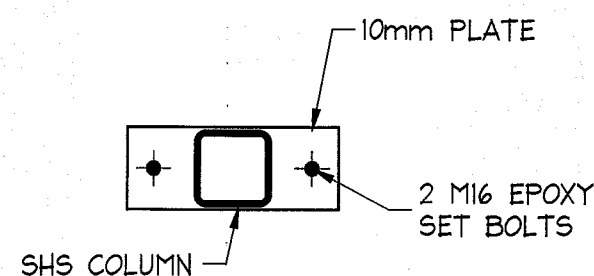




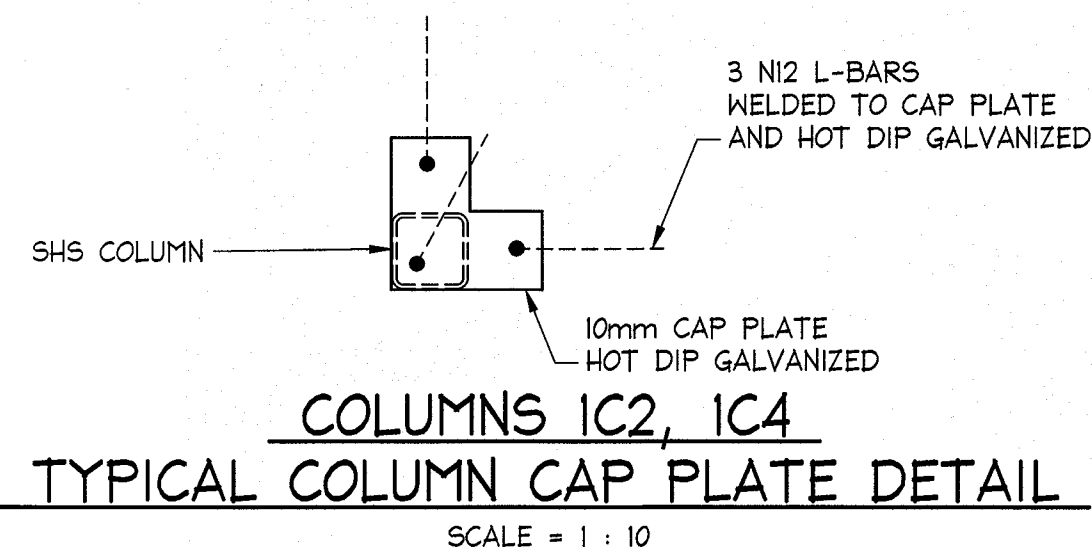
**ICI, IC2, IC4 TYPICAL COLUMN ELEVATION**  
SUPPORTING CONCRETE SLAB  
NOT TO SCALE



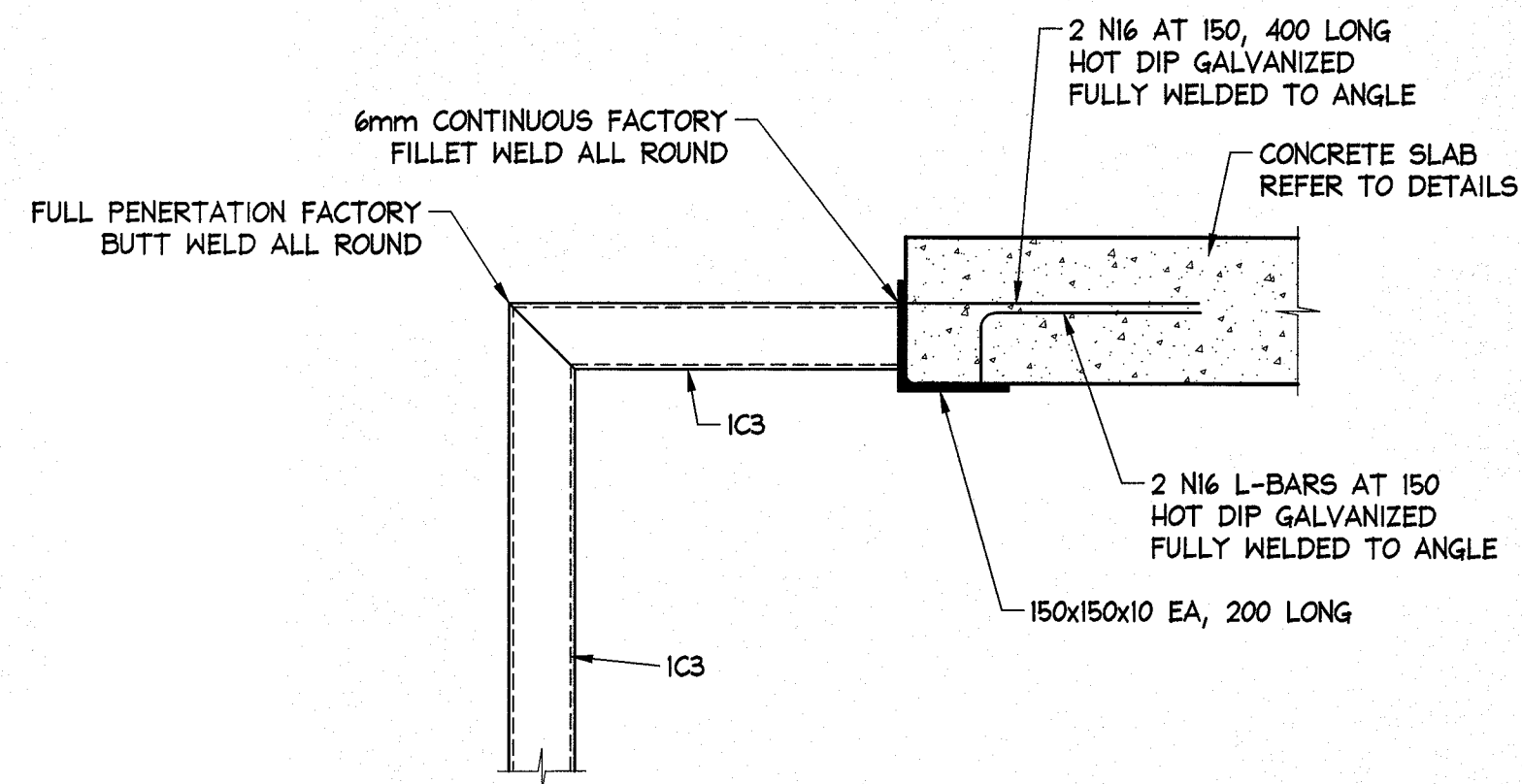
**COLUMN IC1**  
**TYPICAL COLUMN CAP PLATE DETAIL**  
SCALE = 1 : 10



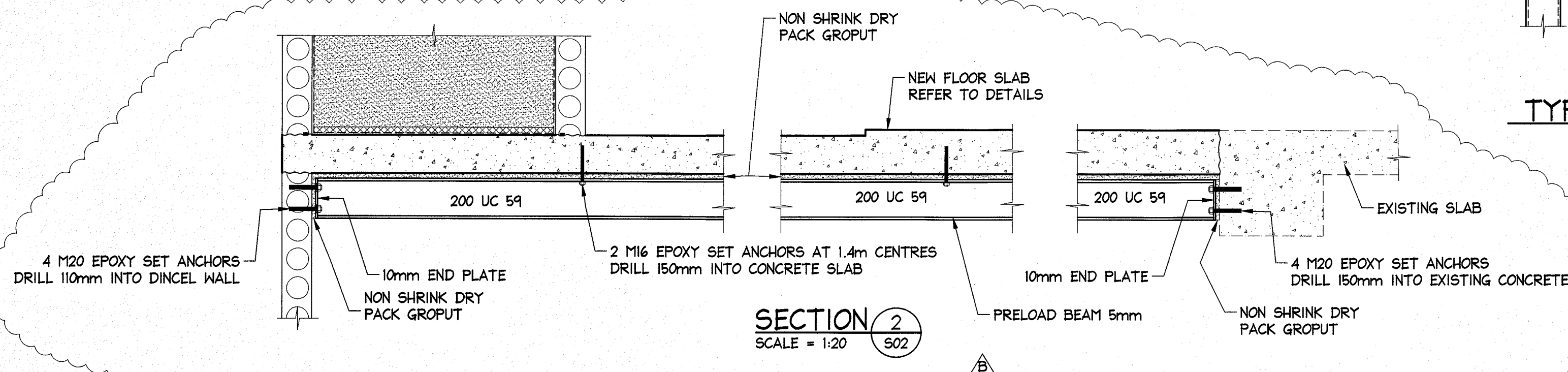
**COLUMNS IC1, IC2, IC3, IC4**  
**TYPICAL BASE PLATE DETAILS**  
NOT TO SCALE



**COLUMNS IC2, IC4**  
**TYPICAL COLUMN CAP PLATE DETAIL**  
SCALE = 1 : 10



**COLUMN IC3**  
**TYPICAL TOP OF COLUMN DETAILS**  
NOT TO SCALE



**SECTION 2/502**  
SCALE = 1:20

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
MOD2019/0407

**NOTE: POUR JOINTS**  
SCABBLE FACE OF FIRST POUR CONCRETE AND APPLY EPOXY BONDING AGENT BEFORE NEXT CONCRETE POUR.  
ALL STARTER BARS THRU POUR JOINTS TO BE HOT DIP GALVANIZED U.N.O.

**NOTE:**  
ALL LAPS IN REINFORCEMENT TO BE AS FOLLOWS:  
N12 BARS = 500mm LAP  
N16 BARS = 650mm LAP  
N20 BARS = 800mm LAP  
N24 BARS = 1000mm LAP  
N28 BARS = 1150mm LAP

**ALL SLAB REINFORCEMENT TO BE N12 AT 200 EACH WAY TOP AND BOTTOM UNLESS NOTED OTHERWISE**

**NOTES:**

- ALL DIMENSIONS TO BE VERIFIED ON SITE BY BUILDER BEFORE COMMENCING WITH WORK.
- FOR GENERAL NOTES REFER TO DRAWING NUMBER: S01.

**ISSUED FOR CONSTRUCTION**

**IF IN DOUBT ASK**

A2

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03.04.2019	B	ISSUED FOR CONSTRUCTION - DETAIL ADDED	P.R.B.	-					
10.10.2018	A	ISSUED FOR CONSTRUCTION	P.R.B.	-					
Date:	Issue:	Description:	By:	Review:					

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