

**LEGEND :**

-  DENOTES REINFORCED CONCRETE WALL OVER
-  DENOTES REINFORCED CONCRETE WALL UNDER

FOR STRUCTURAL NOTES REFER TO DRAWING S0000

**NOTES:**

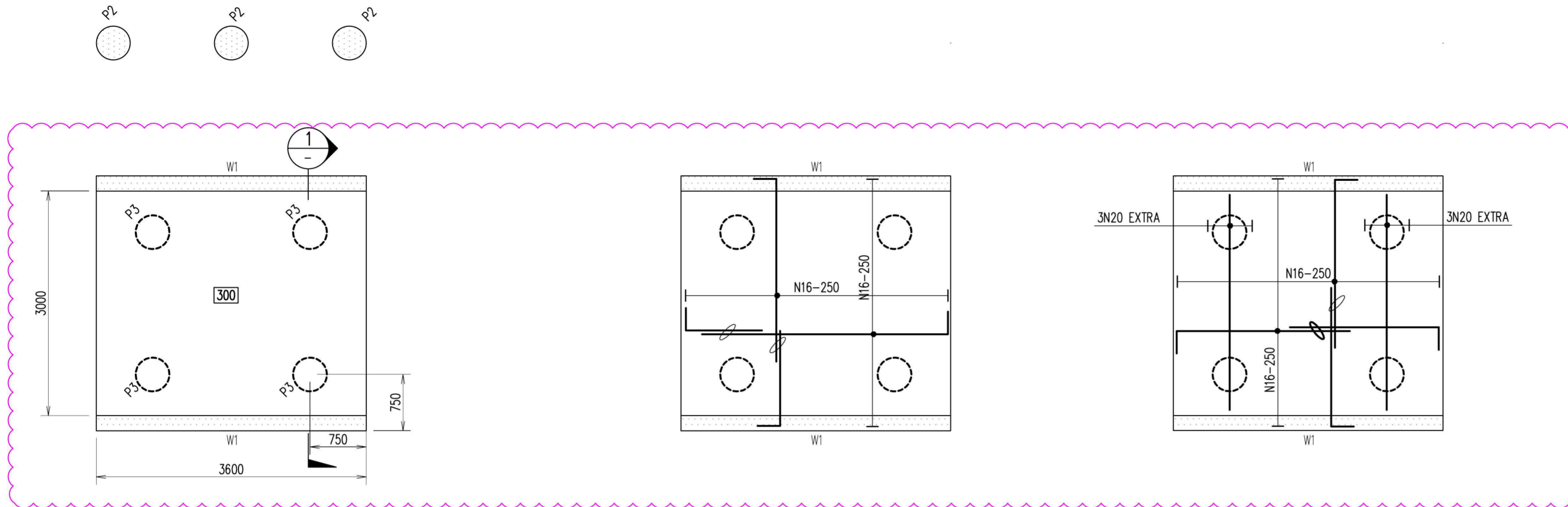
1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS,

REINFORCEMENT COVER SCHEDULE				
MEMBER	COVER ( mm )			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
BOTTOM SLAB	50mm	50mm	50mm	B2
W1	40mm	40mm	40mm	B1
P2	75mm	75mm	75mm	B2
P3	75mm	75mm	75mm	B2

CONCRETE QUALITY				
ELEMENT	SLUMP	AGGREGATE ( MAX. SIZE )	CEMENT TYPE	f <sub>c</sub>
SLAB	80mm	20mm	A	40MPa
WALL	80mm	20mm	A	40MPa
PILE	180mm	10mm	A	40MPa

PILE SCHEDULE					
PILE NO	PILE DIAMETER (mm)	SOCKET LENGTH (m)	LONGITUDINAL REINFORCEMENT	STIRRUPS	SBV
P2	450	-	8N12	N10-300	450 kPa
P3	450	6.0	8N24	N10-300	450 kPa

\* GEOTECHNICAL ENGINEER TO CONFIRM THE SAFE BEARING CAPACITY OF THE FOUNDING MATERIAL PRIOR TO CONSTRUCTION.



**BOTTOM SLAB  
BOTTOM REINFORCEMENT PLAN**

SCALE: 1:50  
 NOTES:  
 1. ENSURE 50 x BAR DIA MINIMUM LAP IS MAINTAINED FOR ALL REINFORCEMENT BARS.  
 2. REFER SECTIONS ON S125 FOR ADDITIONAL REOS N.S.O.P.

**BOTTOM SLAB  
TOP REINFORCEMENT PLAN**

SCALE: 1:50  
 NOTES:  
 1. ENSURE 50 x BAR DIA MINIMUM LAP IS MAINTAINED FOR ALL REINFORCEMENT BARS.  
 2. REFER SECTIONS ON S125 FOR ADDITIONAL REOS N.S.O.P.

**BOTTOM SLAB**

SCALE 1:50  
 NOTES:  
 1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS, FALLS ETC.  
 2. ALL EXPOSED SLABS TO BE WATERPROOFED WITH APPROVED SYSTEM.  
 3. 'W1' DENOTES REINFORCED CONCRETE WALL, REFER S125 FOR DETAILS.  
 4. GEOTECHNICAL ENGINEER TO CONFIRM THE SAFE BEARING CAPACITY OF THE FOUNDATION MATERIAL PRIOR TO CONSTRUCTION.  
 5. IF GROUND CONDITIONS CHANGE DURING EXCAVATION, PLEASE NOTIFY ENGINEER AND SEEK FURTHER INSTRUCTIONS.  
 6. 'P3' DENOTES #450 REINFORCED CONCRETE PILES. PILES TO BE SOCKETED 6m INTO 450kPa ALLOWABLE, GEOTECHNICAL ENGINEER TO APPROVE.

**BAR LAYING SEQUENCE**

U.N.O.

**BAR LAYING SEQUENCE**

U.N.O.

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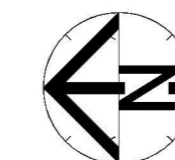
A2 0 1 2 3 4 5 6 7 8 9 10

No	AMENDMENT	ENG	DRAFT	DATE
C	ISSUED FOR COORDINATION	A.K.	D.V.	19.01.16
B	ISSUED FOR COORDINATION	A.K.	D.V.	15.01.2016
A	ISSUED FOR COORDINATION	A.K.	D.V.	07.12.15

CLIENT  
**MARYANN BASTAC**

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PROJECT  
307-321 CRANEBROOK ROAD  
CRANEBROOK



SHEET SUBJECT  
BRIDGE BOTTOM SLAB  
TOP & BOTTOM REO

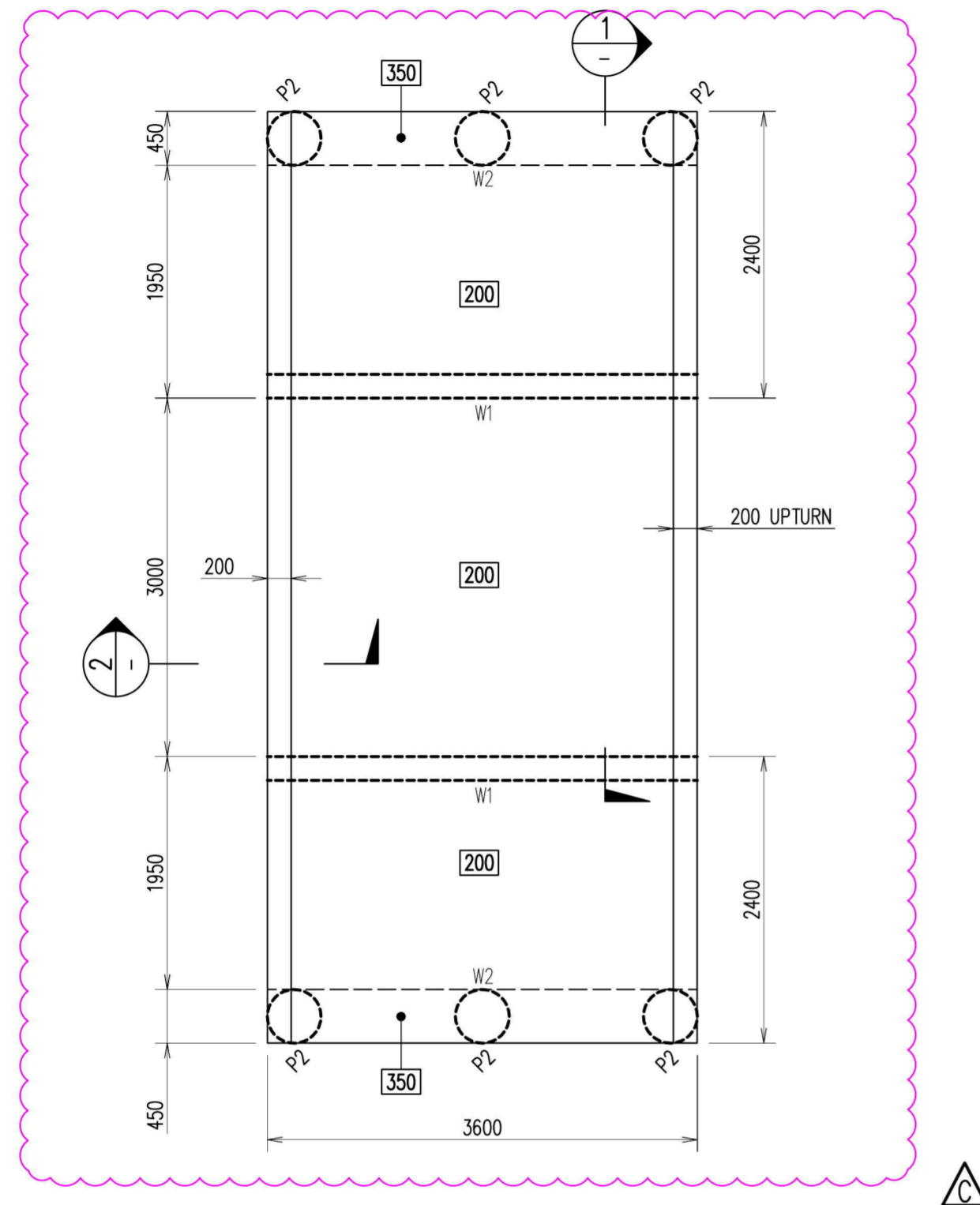
ARCH. REF:  
N/A

PROJECT			
DATE	DRAWN	DESIGNED	CHECKED
JAN 2016	D.V.	A.K.	M.W.
SCALE @ A2 N/A		JOB No 151037	
AUTHORISED		DWG No S110	REV C

FOR STRUCTURAL NOTES REFER TO DRAWING S000

**NOTES:**

1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS,



REINFORCEMENT COVER SCHEDULE				
MEMBER	COVER ( mm )			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
TOP SLAB	30mm	30mm	30mm	B1
W1	40mm	40mm	40mm	B1
P2	75mm	75mm	75mm	B2

CONCRETE QUALITY				
ELEMENT	SLUMP	AGGREGATE ( MAX. SIZE )	CEMENT TYPE	f <sub>c</sub>
SLAB	80mm	20mm	A	40MP <sub>a</sub>
WALL	80mm	20mm	A	40MP <sub>a</sub>
PILE	180mm	10mm	A	40MP <sub>a</sub>

PILE SCHEDULE					
PILE NO	PILE DIAMETER (mm)	SOCKET LENGTH (m)	LONGITUDINAL REINFORCEMENT	STIRRUPS	SBV
P2	450	-	8N12	N10-300	450 kPa

\* GEOTECHNICAL ENGINEER TO CONFIRM THE SAFE BEARING CAPACITY OF THE FOUNDING MATERIAL PRIOR TO CONSTRUCTION.

**TOP SLAB**

SCALE 1:50

**NOTES:**

1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS, FALLS ETC.
2. ALL EXPOSED SLABS TO BE WATERPROOFED WITH APPROVED SYSTEM.
3. 'W1' DENOTES REINFORCEMENT CONCRETE WALL, REFER S125 FOR DETAILS.
4. GEOTECHNICAL ENGINEER TO CONFIRM THE SAFE BEARING CAPACITY OF THE FOUNDATION MATERIAL PRIOR TO CONSTRUCTION.
5. IF GROUND CONDITIONS CHANGE DURING EXCAVATION, PLEASE NOTIFY ENGINEER AND SEEK FURTHER INSTRUCTIONS.
6. 'P2' DENOTES #450 REINFORCED CONCRETE PILES. PILES TO BE SOCKETTED AT INVERT OF BASE SLAB, GEOTECHNICAL ENGINEER TO APPROVE.

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No	AMENDMENT	ENG	DRAFT	DATE
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B	ISSUED FOR COORDINATION	A.K.	D.V.	15.01.2016
A	ISSUED FOR COORDINATION	A.K.	D.V.	07.12.15

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PROJECT  
307-321 CRANEBROOK ROAD  
CRANEBROOK



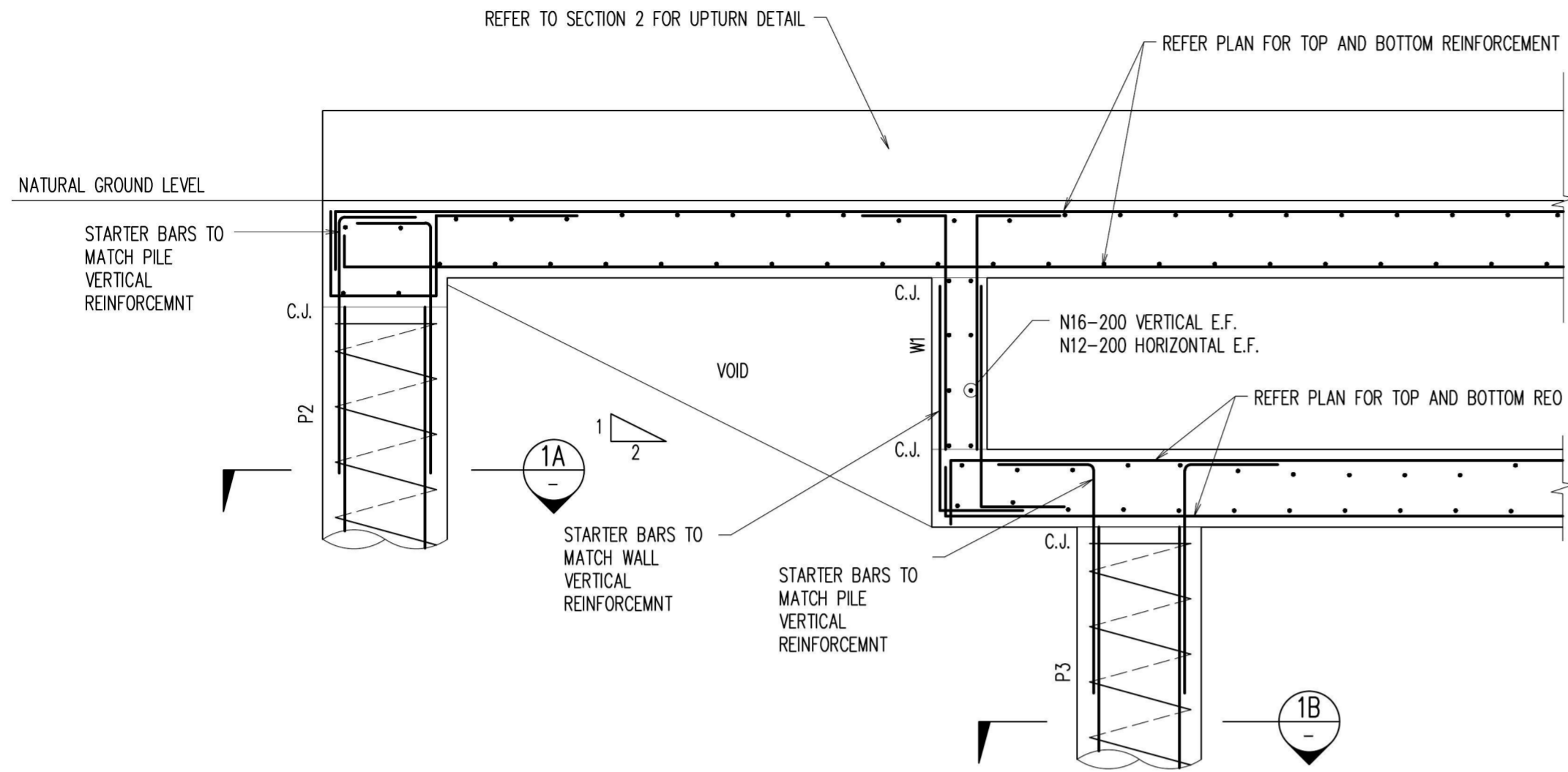
SHEET SUBJECT  
BRIDGE TOP SLAB  
PLAN

ARCH. REF:  
N/A

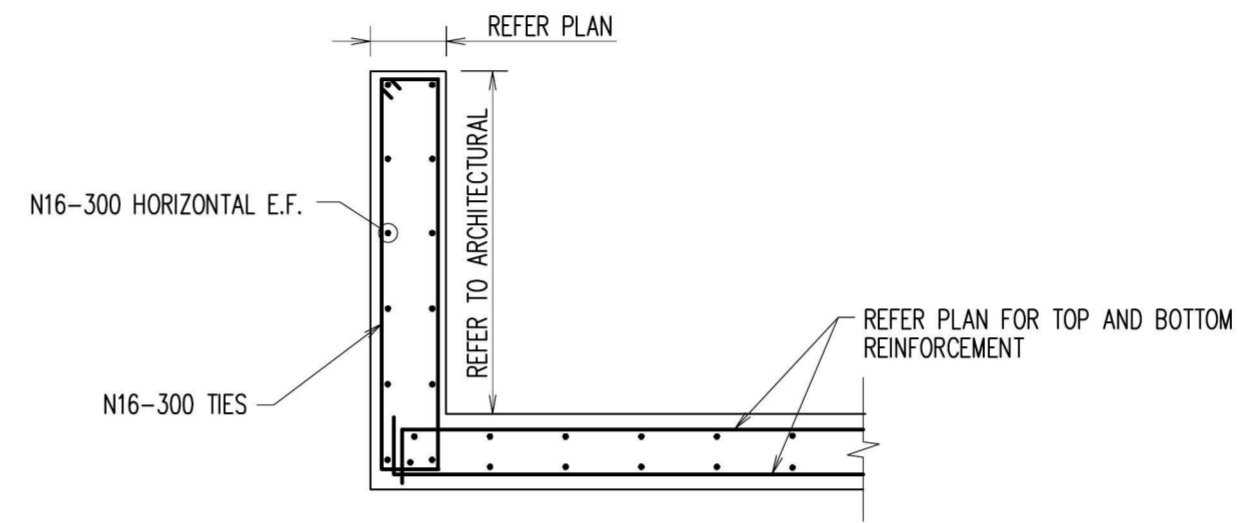
PROJECT			
DATE	DRAWN	DESIGNED	CHECKED
JAN 2016	D.V.	A.K.	M.W.
SCALE @ A2 N/A		JOB No 151037	
AUTHORISED		DWG No S120	REV C



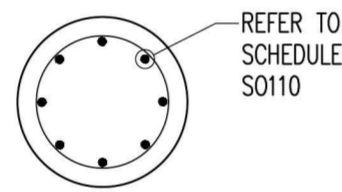




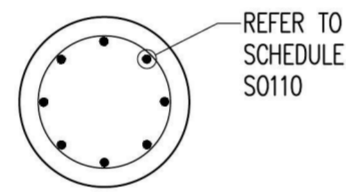
SECTION 1  
SCALE 1:20



SECTION 2  
SCALE 1:20

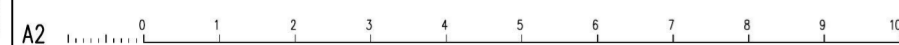


TYPICAL PILE DETAIL - P2  
SECTION 1A  
SCALE 1:20



TYPICAL PILE DETAIL - P3  
SECTION 1B  
SCALE 1:20

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No	AMENDMENT	ENG	DRAFT	DATE
C	ISSUED FOR COORDINATION	A.K.	D.V.	19.01.16
B	ISSUED FOR COORDINATION	A.K.	D.V.	15.01.2015
A	ISSUED FOR COORDINATION	A.K.	D.V.	07.12.15

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PROJECT  
**307-321 CRANEBROOK ROAD  
CRANEBROOK**

SHEET SUBJECT  
**BRIDGE SECTION**

ARCH. REF: N/A

PROJECT		DATE	DRAWN	DESIGNED	CHECKED
		JAN 2016	D.V.	A.K.	M.W.
SCALE @ A2		N/A		JOB No <b>151037</b>	
AUTHORISED		DWG No <b>S125</b>		REV <b>C</b>	