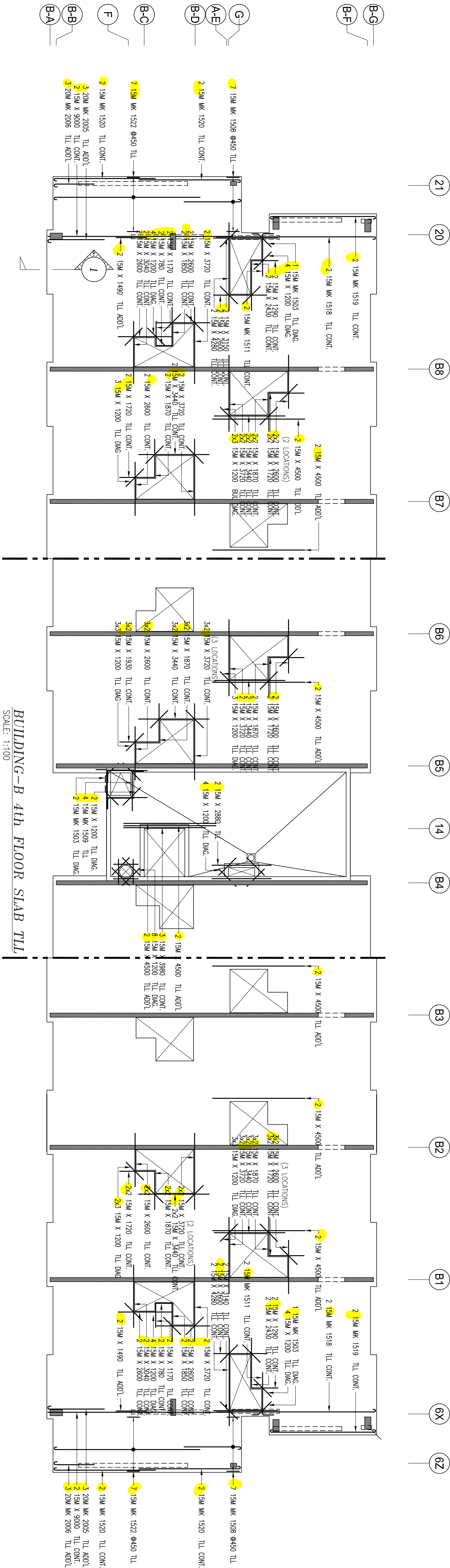


[illegible][illegible]

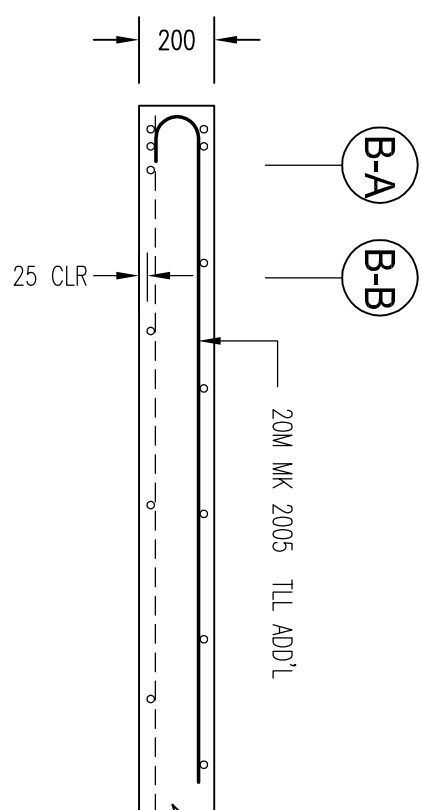
Bioscience Resource Project: Ecology of the 5248 TLL Fish												
Bait Menu	Day	Total number of fish		B	C	D	E	F	G	H	I	J
		N	%									
2056	3/30M	2188	1	220	190							166
2065	3/30M	2868	1	220	2786							166
	2/15M	166	0									
1518	2/15M	3008	0	180	3000							138
1528	2/15M	2248	1	160	2708							136
1530	4/15M	5136	1	180	4956							136
1519	2/15M	5568	1	180	5145			180				136
1522	1/15M	2268	1	180	2175							136
	2/15M	1268	0									
	2/15M	2436	0	2436								
1511	6/15M	2668	0	2600								
	2/15M	2668	0	2600								
	2/15M	3152	0	3152								
1563	1/15M	1760	3	300								
	6/15M	1870	0	1870								
	6/15M	3448	0	3448								
	6/15M	3248	0	3248								
	6/15M	1728	0	1728								
	2/15M	3040	0	3040								
	4/15M	2660	0	2660								
	2/15M	1716	0	1716								
	2/15M	1856	0	1856								
	2/15M	3720	0	3720								

0		
17		
3		
1		

	Length	
0		
17	B C D	
3	Hooks A & G optional	D K K E F A J C H G 0

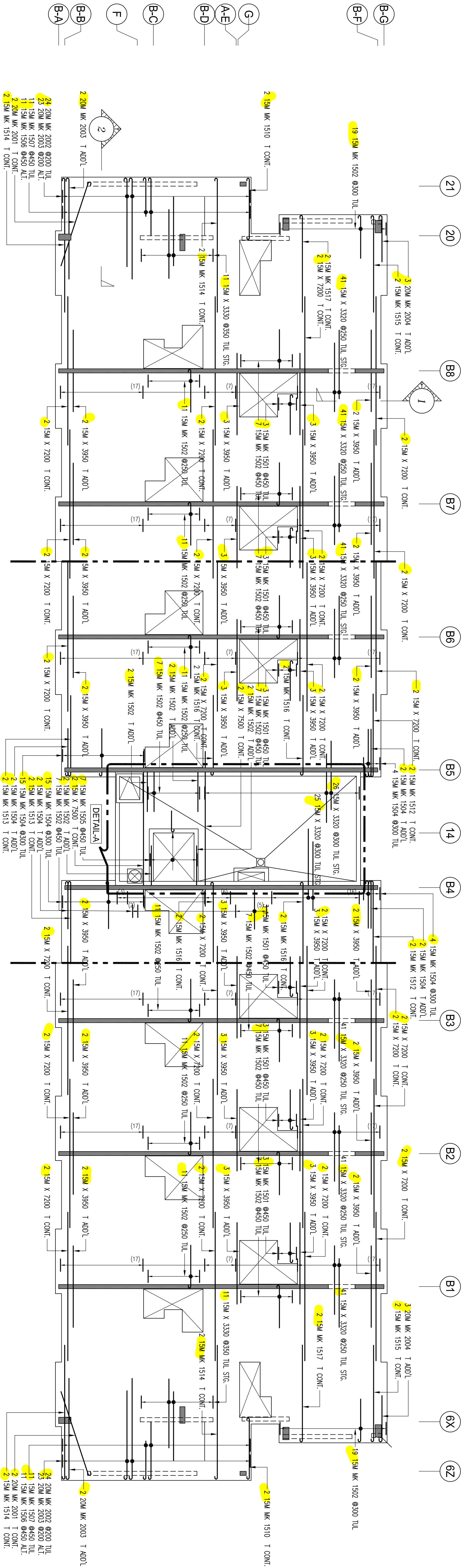
0	Length		
1	Hook G optional		
17			
3	Hooks A & G optional		

DRAWING REVIEW		
This review of this drawing does not in any way relieve the contractor of responsibility for its accuracy or compliance with the contract documents.		
☒	No comment	See comment
☐	Amend & Resubmit	See Remarks
Submission No. <u>19066</u> Project No. <u>MB</u> Date <u>29 Oct 2021</u>		
JBLONSKY, AST AND PARTNERS Consulting Engineers 2129 Leaside Street Don Mills, Ont. M2C 2X5		

[illegible]

NOTES			
1. ALL STEEL TO BE GRADE 400W			
2. STRENGTH OF CONCRETE 35MPa - INTERIOR COLUMNS & WALLS			
3. CONCRETE COVER: SLAB -- 25mm			
4. COMPRESSION LAP SPICE			
BAR SIZE	STANDARD LAP (mm)		
10M	300		
15M	440		
20M	590		
25M	730		
30M	880		
35M	1030		
5. TENSION LAP SPICE (L.S.) & DEVELOPMENT LENGTH (Ld) (FOR WALL OR COL & Ld IN CAP OR FIG.)			
B&B SIZE	f _c =25	f _c =30	f _c =35
L.S.	L.d	L.S.	L.d
10M	490	380	450
15M	740	570	620
20M	890	690	830
25M	1050	1070	1290
30M	1230	1290	1550
35M	1410	1670	1930

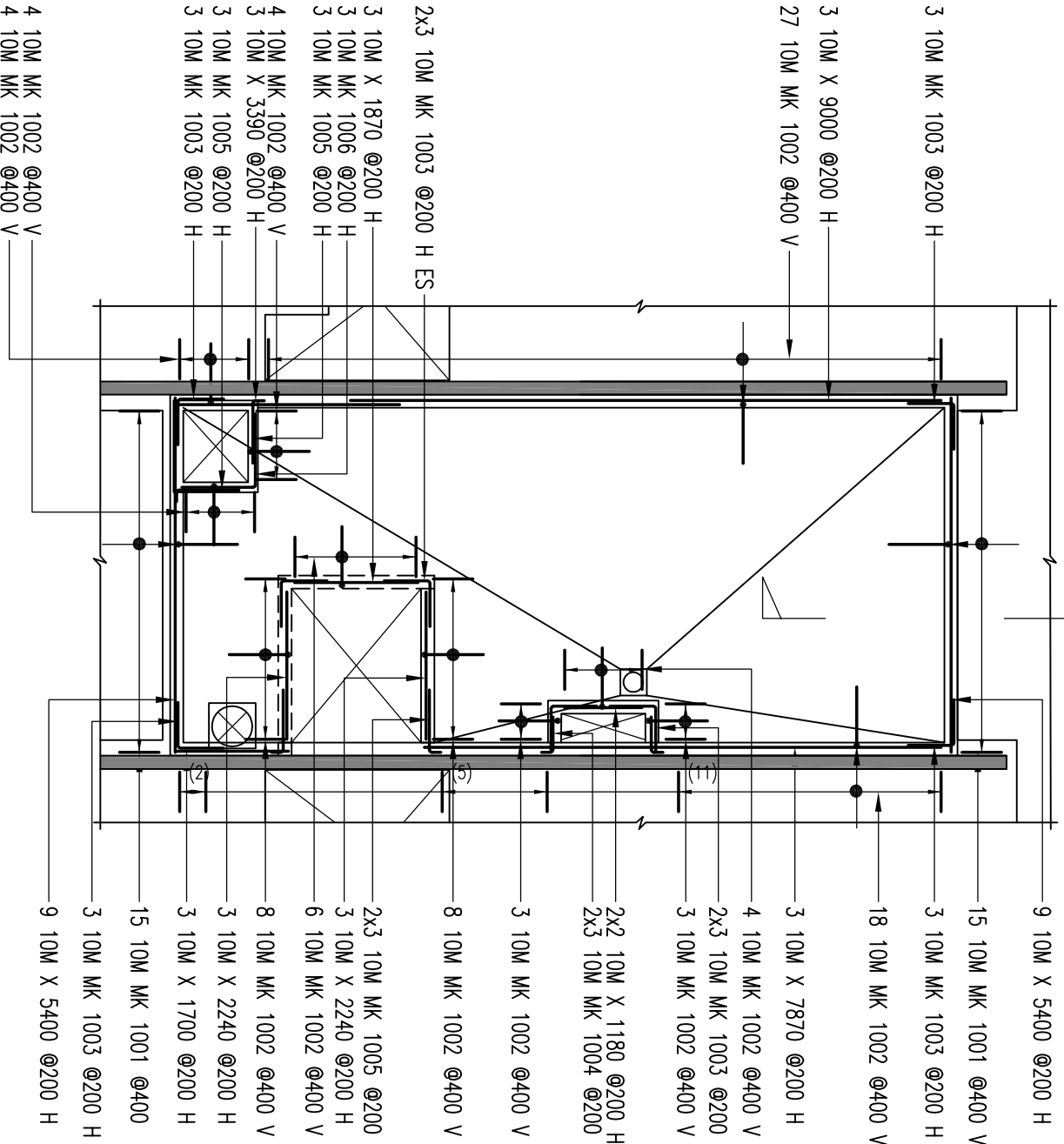
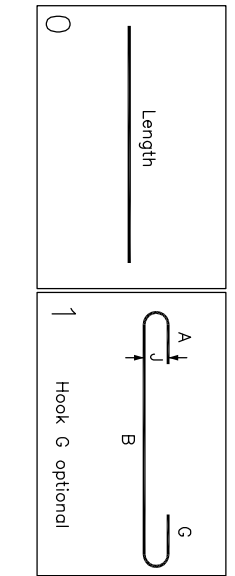
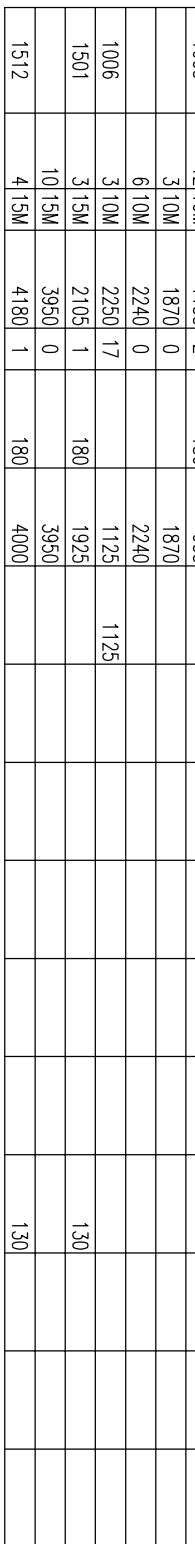
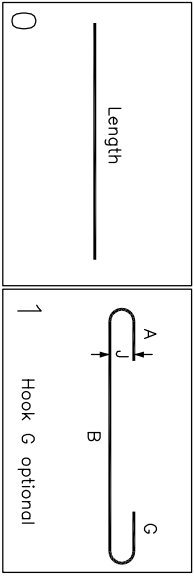
CUSTOMER :		Project no. 2177	
ROYAL PINE HOMES		SCALE AS SHOWN	
DETAILED BY: JU	BAR LIST No.	DRAWING No.	
CHECKED BY:		R15.10	



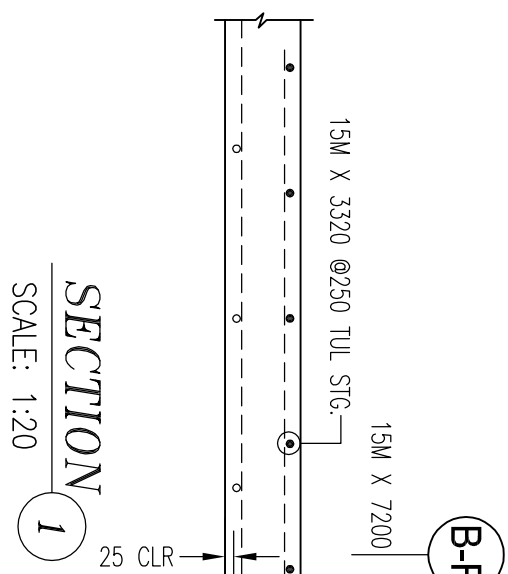
BUILDING-B 4th FLOOR SLAB TUL
SCALE: 1:100

Rebar Number R15.10 FORTH FLOOR SLAB TUL PFA												
Bar Mark	Qty	Size	Total Length (mm)	X	Y	Y'	Y''	Y'''	Y''''	Y'''''	Y''''''	Y'''''''
1517	173	15M	3320 0	180	3320							
1507	1	15M	2040 1	180	1860							
2002	24	20M	4520 1	220	4300							
1514	11	15M	3320 0	180	3320							
1514	4	15M	6625 1	180	6495							
1517	30	15M	3920 0	180	3920							
1517	173	15M	2254 0	180	2075							
1515	2	15M	4655 1	180	4675							
1506	11	15M	2970 1	180	2790							
2003	25	20M	5120 1	220	4900							
1510	2	15M	3340 1	180	2980							
1510	2	15M	3340 1	180	2980							
1510	2	15M	3340 1	180	2980							
1517	2	15M	2450 1	220	2245							
1517	2	15M	4880 1	180	4700							

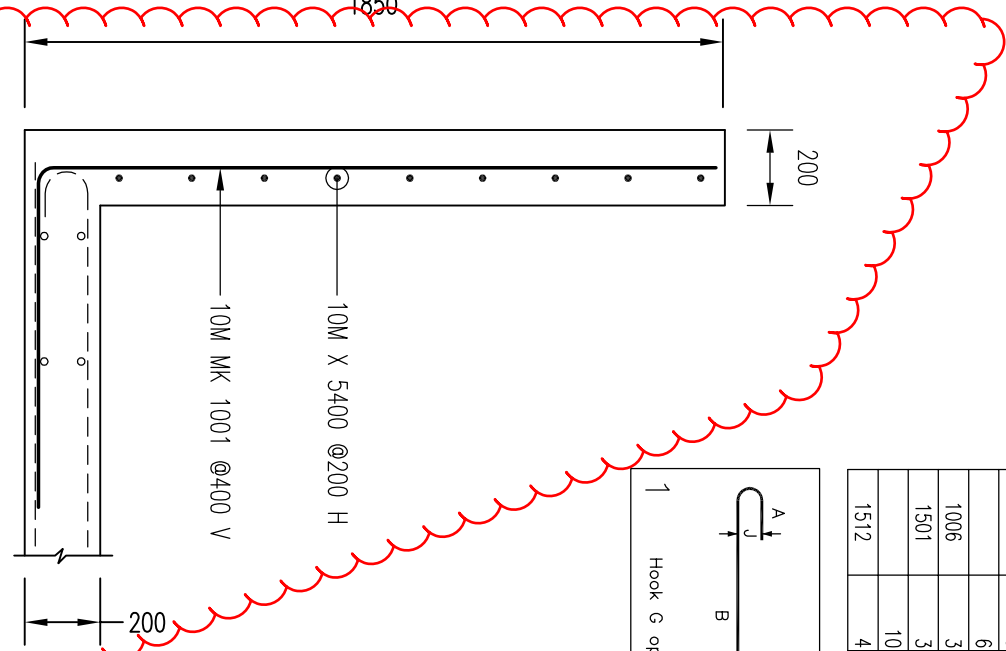
Rebar Number R15.10 FORTH FLOOR SLAB TUL PFA												
Bar Mark	Qty	Size	Total Length (mm)	X	Y	Y'	Y''	Y'''	Y''''	Y'''''	Y''''''	Y'''''''
1517	14	15M	7200 0	180	7200							
1517	1	15M	2105 1	180	1925							
1515	62	15M	3320 0	180	3320							
1514	2	15M	4655 1	180	4675							
1514	4	15M	6675 1	180	6495							
2002	24	20M	4520 1	220	4300							
1510	2	15M	3340 1	180	2980							
1506	11	15M	2970 1	180	2790							
1510	2	15M	3340 1	180	2980							
2003	25	20M	4520 1	220	4300							
1517	52	15M	2255 0	180	2075							
1517	2	15M	4880 1	180	4700							



DETAIL-A
SCALE: 1:100



SECTION 1
SCALE: 1:20



SECTION 3
SCALE: 1:20

NOTES

1. ALL STEEL TO BE GRADE 400W
2. STRENGTH OF CONCRETE 35MPa - INTERIOR COLUMNS & WALLS

4. COMPRESSION LAP SPICE

BAR SIZE	STANDARD LAP (mm)
10M	300
15M	440
20M	590
25M	730
30M	890
35M	1030

5. TENSION LAP SPICE (L.S.) & DEVELOPMENT LENGTH (L.D)

BAR SIZE	L.S.	L.D	L.D
10M	490	350	420
15M	570	670	520
20M	980	750	830
25M	1170	1390	1070
30M	1830	1410	1670
35M	2130	1640	1950

DRAWING REVIEW

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No comment	✓	See comment
Amend & Resubmit		Reflected
		See Remarks

Submission No. **19066**

Project No. **MB**

Date **29 Oct 2021**

JABLONSKY, AST AND PARTNERS
Consulting Engineers
1129 Leslie Street Don Mills, Ont. M3C 2K5

FORNSIDE TOWNHOUSES
-BRAMPTON, ON

L4 SLAB TUL PFA4.56

CUSTOMER	Project no.	217
ROYAL PINE HOMES	SCALE	AS SHOWN
DRAWING No.	REVISION	
00000001		

R15.10