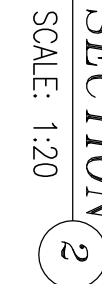


STAIR MID LANDING DETAIL-B

[illegible]

Bus Mark	Qty	Size	Length	Type	A	B	C	D	E	G	H	J	K	O	R
	220M	3875	3000			3875									
	220M	3875				3875									
	220M	3000				3000									
	220M	3875				3875									
	220M	3875				3875									
	415M	7200				7200									
	415M	6500				6500									
	515M	6500				6500									
	515M	6500				6500									
	415M	7200				7200									
	515M	6500				6500									
	515M	6500				6500									
	315M	3875				3875									
	315M	3875				3875									
	315M	3875				3875									
	315M	3875				3875									
	220M	3000				3000									
	220M	3000				3000									
	215M	2900				2900									
	220M	6200				6200									
	315M	5500				5500									
	315M	5500				5500									
	3715M	5850				5850									
	615M	6625				6625									

[illegible][illegible]

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

4. COMPRESSION LAP SPICE

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

	STANDARD LAP (mm)
2. STRENGTH OF CONCRETE	
35MPa – INTERIOR COLUMNS & WALLS	
	10W 300
	15W 440
	20W 590
3. CONCRETE COVER:	
TIES	25W 730
SLAB (T&B)	30W 880
	35W 1030
	-- 40mm
	-- 25mm

Bar Size	$t_c=25$		$t_c=30$		$t_c=35$	
	L,d	L,S	L,d	L,S	L,d	L,S
10M	490	380	450	350	420	320
15M	740	570	670	520	620	480
20M	980	750	890	690	830	640
25M	1530	1170	1390	1070	1290	990
30M	1830	1410	1670	1290	1550	1190
35M	2130	1640	1930	1500	1800	1390

DRAWING REVIEW

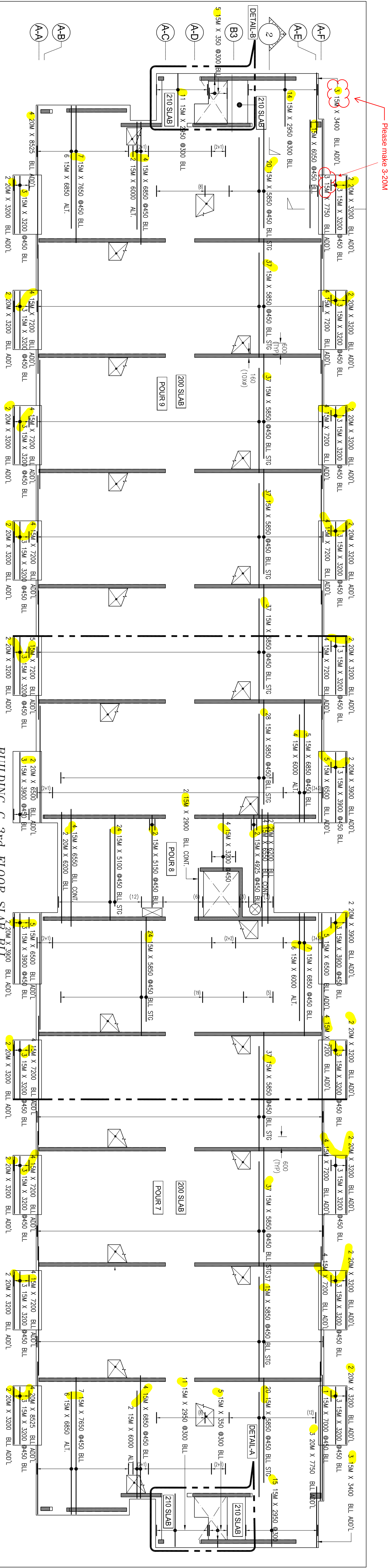
This review of this drawing does not in any way relieve the contractor of responsibility for its accuracy or for compliance with the contract documents.

✓	No comment	See comment
Amend & Resubmit		Rejected See Remarks

CARTHAGE, IL 60110
 Project No. 19066
 By MB
 Date 25 Aug 2021

[illegible]

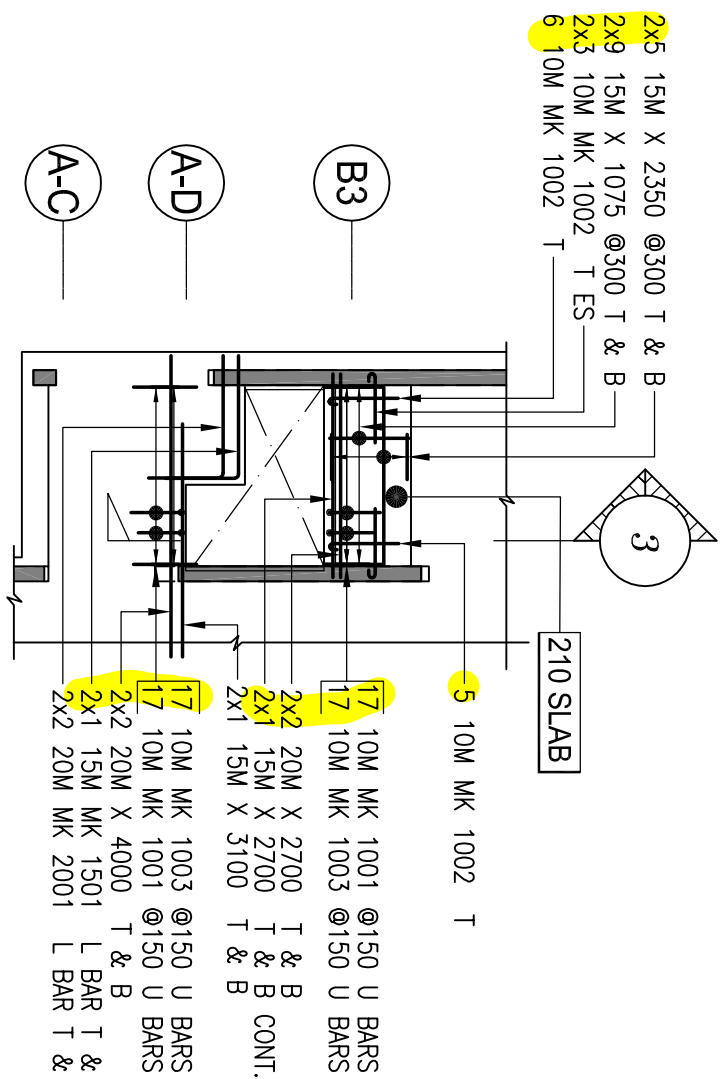
PROJECT FORESTSIDE TOWNHOUSES -BRAMPTON, ON		PART OF STRUCTURE L3 SLAB BLT P#4,5,6	
CLIENTS : 			
ROYAL PINE HOMES			
DESIGNED BY: JOHN BRYAN		S&B USE No.	
PROJECT NO. 2777		SCALE AS SHOWN	
DRAWING NO.		R12.1A	



Release Number: 817.24 US-48 BLK P-7												
Bar	Week	Day	Size	Units	Type	A	B	C	D	E	F	G
			131-15M	5865		A	6860					
			181-15M	3200		A	3200					
			101-15M	6850		A	6850					
			121-15M	3250		A	3250					
			211-15M	6000		A	6000					
			111-15M	7000		A	7000					
			221-15M	2950		A	2950					
			181-15M	7200		A	7200					
			132-20M	5200		A	5200					
			171-15M	3750		A	3750					
			4200M	8525		A	8525					
			511-15M	350		A	350					
1001			34110M	102010		A	675	70	275			
1002			17110M	106811		A	920					
1003			34115M	340017		A	3275	160	175			
			211-15M	2700		A	2700					
			211-15M	3100		A	3100					
			101-15M	2350		A	2350					
1501			221-15M	269517		A	1633	975				
			4200M	4000		A	4000					
			4200M	2700		A	2700					
2001			4200M	255017		A	1650	1000				

Release Number RTZ 5-Val BL PR													
Box	Dy	Size	Type	N	g	c	v	e	r	w	x	v	r
		8815M			5850								
	1615M	3200			3200								
	1215M	3900			3900								
	1615M	6000			6000								
	1215M	6850			6850								
	1615M	7200			7200								
	1715M	7200			7200								
	1515M	6500			6500								
	620M	3200			3200								
	620M	3900			3900								
	620M	6000			6000								
	620M	6850			6850								
	615M	2900			2900								
	615M	6550			6550								
	215M	5150			5150								
	215M	4925			4925								

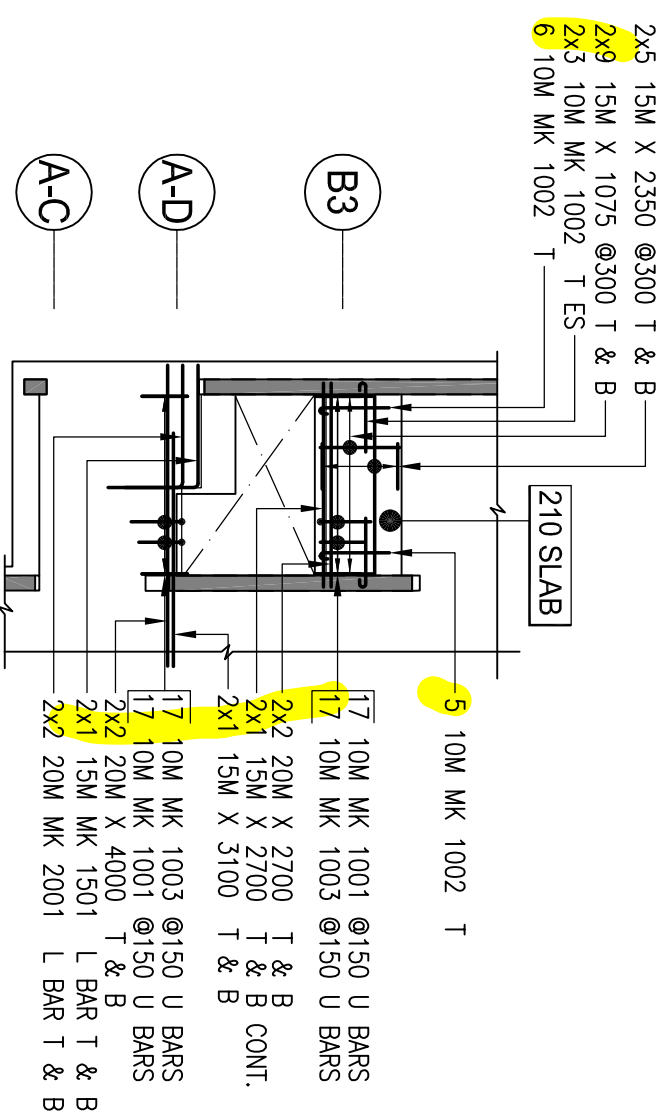
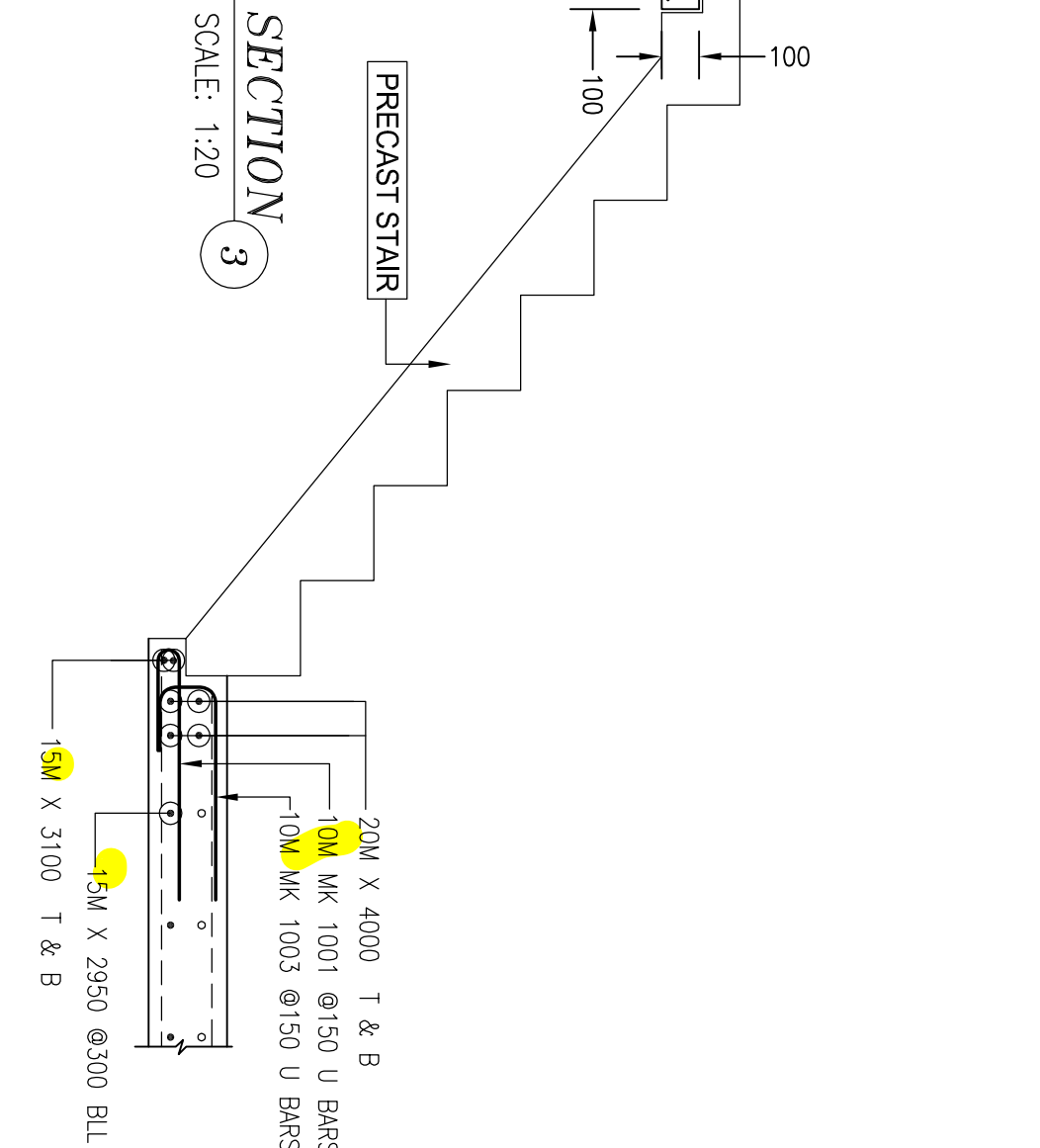
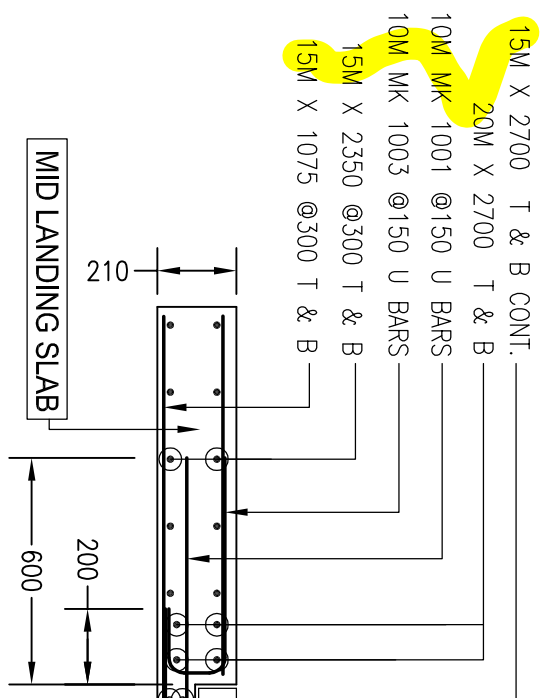
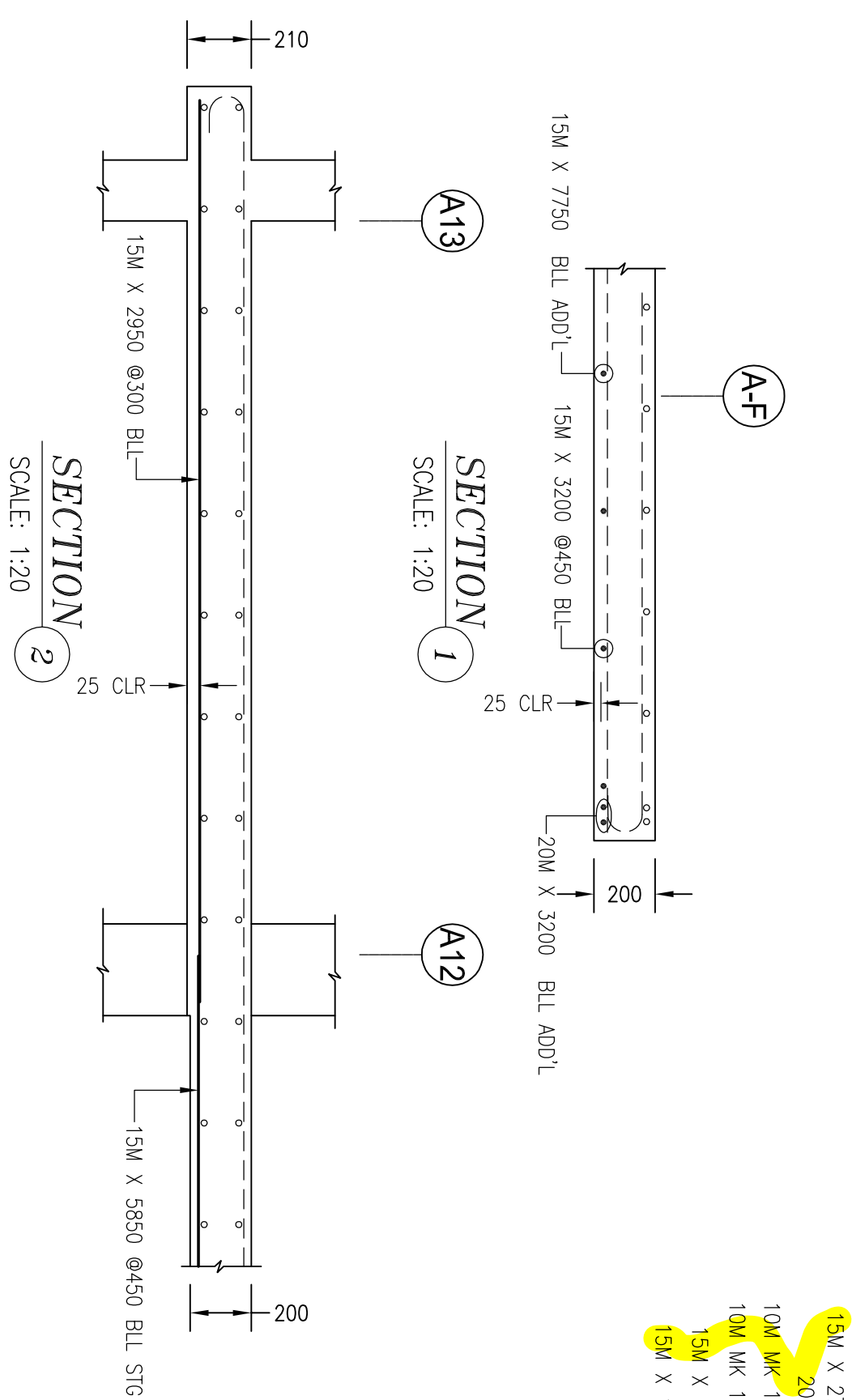
Release Number: 3.0.0.0 (Third Floor, SLB, BIL, JPD)												
Bus Work	Day	Size	Room	Type	N	P	D	T	C	M	J	R
	7:15AM	7:55	1155M	6565		5850						
	10:15M	7:55	1015M	6850		7850						
	2:15M	6:00	215M	6000		6000						
	3:15M	6:00	315M	6250		6250						
	24:15M	3:00	2415M	3200		3200						
	25:15M	2:55	2515M	2950		2950						
	7:20M	7:20	720M	3200		3200						
	16:20M	3:00	1620M	3200		3200						
	4:20M	6:25	420M	6250		6250						
	5:15M	3:50	515M	3500		3500						
	6:15M	6:50	615M	6500		6500						
1002	1:170M	10:61	1	140		930					90	
1001	34:10M	10:20	510			675		70	275			
1003	34:10M	9:10	17			515		160	175			
1501	18:15M	10:75	215M	2055	17			975				
1501	18:15M	10:75	215M	2055	17			1075				
2001	2:15M	2:20	1015M	2350		2350						
2001	2:15M	3:10	215M	3100	17							
2001	4:20M	4:00	420M	4000		1000						
420M	2:20	2:20				4000						

[illegible]

STAIR MID LANDING DETAIL-A
SCALE: 1:100

		
SC. S10	SC. I	17

			
Length	A B C L	A B C L	A B C L
0	17	17	17



STAIR MID LANDING DETAIL-B
SCALE: 1:100

NOTES

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

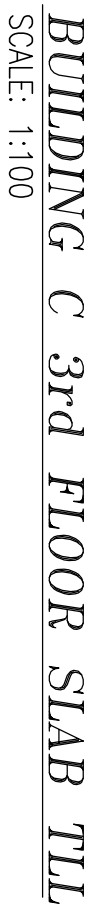
BAR SIZE	STANDARD LAP (mm)
10M	300
15M	440
20M	590
25M	730
30M	880
35M	1030

- #### 4. COMPRESSION LAP SPICE

TENSION-SPUN SPJICE (L.S.) & DEVELOPMENT						LENGTH (Ld)
(FOR WALL OR COL. & Ld IN CAP OR FTG.)						
BAR SIZE	te=25		te=30		te=35	
	L.S	L.d	L.S	L.d	L.S	L.d
10M	490	380	490	350	420	320
15M	740	570	670	520	620	480
20M	860	750	890	690	830	640
25M	1530	1170	1390	1070	1290	990
30M	1830	1410	1670	1290	1590	1190
35M	2130	1640	1950	1500	1800	1390

5. TENSION LAP SPICE (L.S) & DEVELOPMENT LENGTH (Ld)
-
- (FOR WALL OR COL & 1d IN CAP OR ETC)

[illegible]



way relieve the contractor of responsibility for its accuracy or for compliance with contract documents.

No comment	✓	See comment
Amend & Resubmit		Rejected
		See Remark

Submission No. _____
 Project No. 19066
 By MB
 Date 25 Aug 2021

JABLONSKY, AST AND PARTNER
 Consulting Engineers
 1129 Leslie Street Don Mills, Ont. M3C

	O _____ Length
--	---------------------------

[illegible]

**FORESTSIDE TOWNHOUSES
-BRAMPTON, ON**

R12.2G

- NOTES**
- 1, ALL STEEL TO BE GRADE 400W
- 2, STRENGTH OF CONCRETE
- 35MPa – INTERIOR COLUMNS & WALLS

BAR SIZE	fc=25		fc=30		fc=35	
	L/S	L/d	L/S	L/d	L/S	L/d
10M	490	350	450	350	420	320
15M	740	570	670	520	620	480
20M	980	750	890	690	830	640
25M	1530	1170	1390	1070	1290	980
30M	1830	1410	1670	1290	1550	1190

4. COMPRESSION LAP SPICE

5, TENSION LAP SPICE (L.S) & DEVELOPMENT
(FOR WALL OR COL & Ld IN CAP OR FTG.)

(La)

