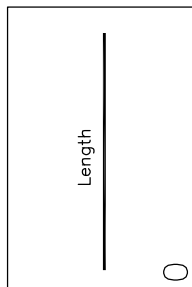
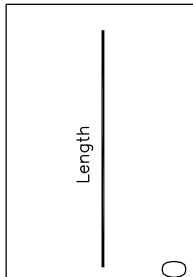
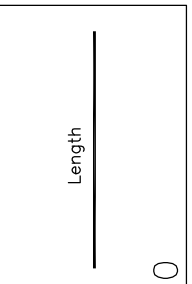


SCALE: 1:100

Release Number	RUBS of S. BEL P44										BRL (ST)									
	Wk	Mo	Tu	We	Th	Fr	Sa	Su	Wk	Mo	Tu	We	Th	Fr	Sa	Su				
4350									4350											
4351									4351											
4352									4352											
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4390									4390											
4391									4391											



Phone Number: 914-193-8531, SU: 4145									
For Work	Qty	Size	Unit	Type	W	D	L	Y	Est. List
	4	150		4350					
	36	150		9000					
	34	150		7650					

[illegible]

This is not an opening
bars must continue
through

- * ELEVATIONS AND DIMENSIONS SHOWN ARE FOR VERIFICATION PURPOSES ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION
- * ALL CONFIRMS/VERIFIES WILL BE ASSUMED CORRECT AND APPROVED AS IS UNLESS COMMENTED ON THE APPROVAL DRWGS

[illegible][illegible]

1	FOR APPROVAL	NOV/22/21	JJ
2	ISSUE	REMARKS	DATE
3			BY

MANSTEEL

REBAR

MANSTEEL REBAR
105 Industrial Road, Richmond Hill,
Ontario L4C 2V4 Canada
Phone: 905-737-5975
Fax: 905-737-5970
Email: info@mansteelrebar.com

1000

PROJECT
FORESTSIDE TOWNHOUSES
-BRAMPTON, ON

PART OF STRUCTURE ROOF SLAB BUL P #4,5,6	CUSTOMER : ROYAL PINE HOMES	Project no. 2177
		SCALE: AS SHOWN
DRAWING No.	BAR LIST No.	R18.1B
DESIGNED BY: AO	CHECKED BY:	

DRAWING REVIEW

	No comment	✓	See comment
	Amend & Resubmit		Rejected See Remarks

Submission No.	
Project No.	19066
By	MB
Date	01 Dec 2021

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

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

BAR SIZE	$\epsilon=25$		$\epsilon=30$		$\epsilon=35$	
	L.S.	L.d	L.S.	L.d	L.S.	L.d
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	1950	1500	1800	1390

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

NOTES

1, ALL STEEL TO BE GRADE 400W

2, STRENGTH OF CONCRETE

35MPa – INTERIOR COLUMNS & WALLS

3, CONCRETE COVER:
TIES — 40mm

