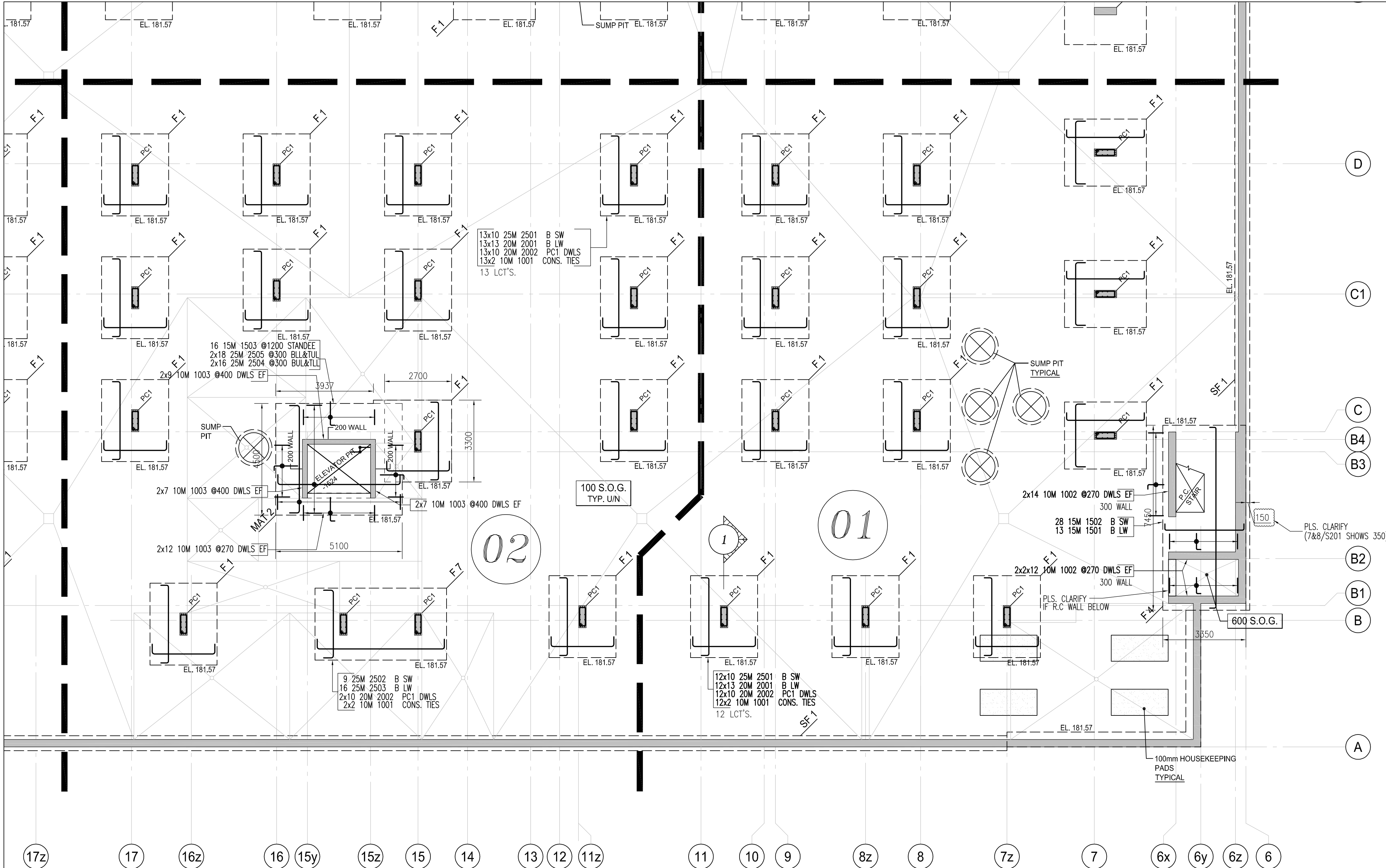
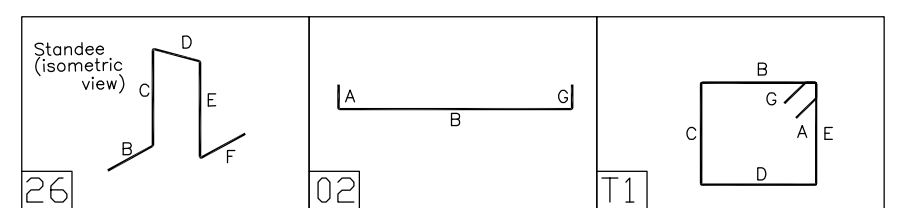




FOUNDATION PLAN
SCALE: 1:100 REF: S101A&B

Release Code: R1.0 ISO FTG P#1										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
1001	24	10M	2880	T1	100	750	240	750	240										
1002	76	10M	8300	2	880	650													
2001	156	20M	3770	2	310	3150													
2002	120	20M	1410	2	310	1100													
1501	13	15M	7820	2	260	7300													
1502	28	15M	3720	2	260	3200													
2501	120	25M	3350	2	400	2550													

Release Code: R1.0 ISO FTG P#2										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
1001	30	10M	2880	T1	100	750	240	750	240										
1003	70	10M	1120	2	880	950													
1503	16	15M	1700	26	400	400	350	200	350	400									
2502	9	25M	5950	2	400	5150													
2503	16	25M	3550	2	400	2750													
2501	130	25M	3350	2	400	2550													
2002	150	20M	1410	2	310	1100													
2505	36	25M	5150	2	400	4350													
2504	32	25M	5750	2	400	4950													
2001	169	20M	3770	2	310	3150													



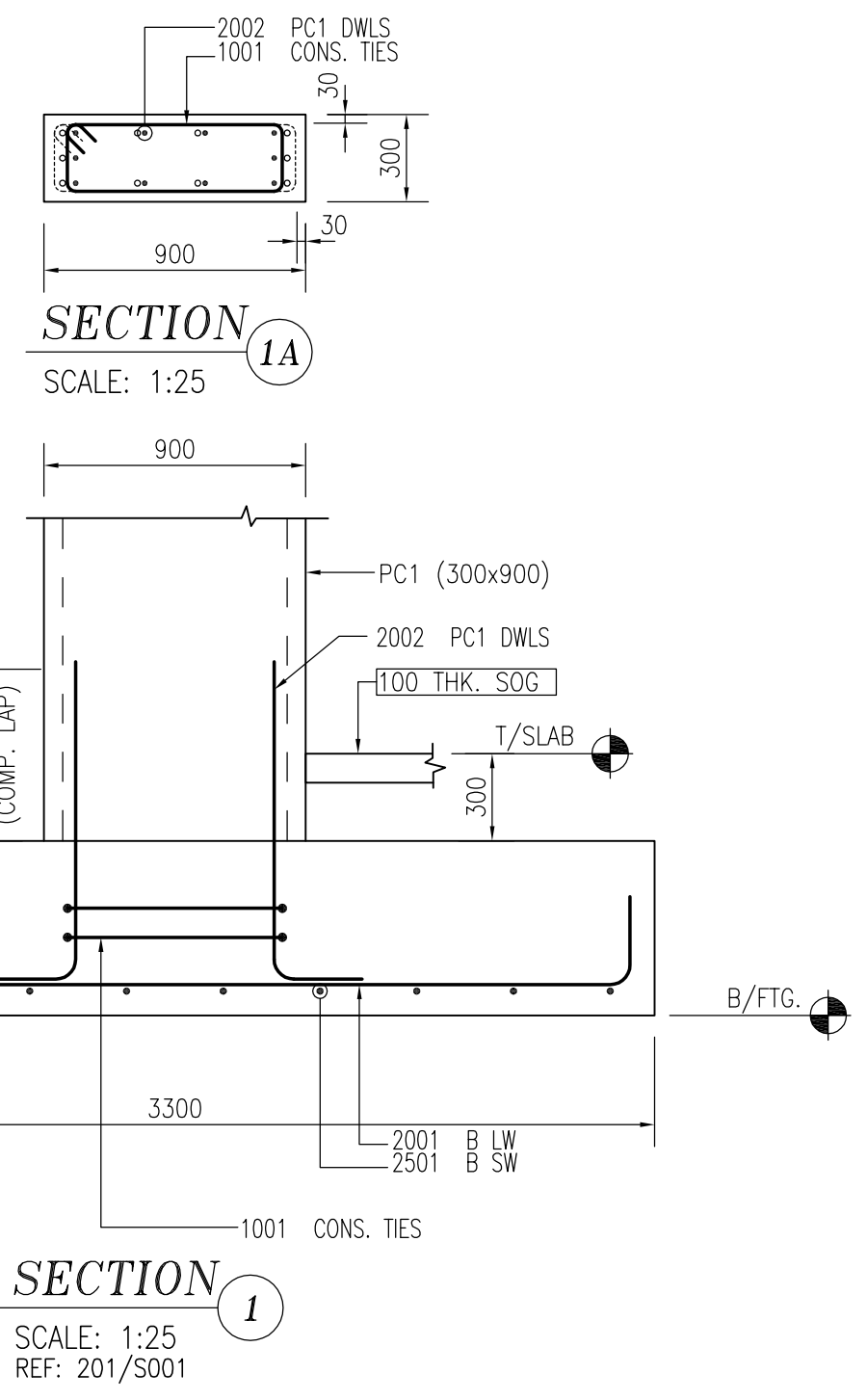
DRAWING REVIEW

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

Submission No. **19066**
Project No. **AF**
Date **12 Apr 2021**

JABLONSKY, AST AND PARTNERS
Consulting Engineers
3 Concorde Gate, North York, ON M3C 4H9



NOTES

1. ALL STEEL TO BE GRADE 400W

2. STRENGTH OF CONCRETE

35MPa - FOOTINGS

35MPa - INTERIOR COLUMNS & WALLS

3. CONCRETE COVER:

FTG., FND. CAST AGAINST EARTH

75mm

TIES

30mm

PLS. CLARIFY

4. COMPRESSION LAP SPLICE

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

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

BAR SIZE	fc=25		fc=30		fc=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

* 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 DRWG

LEGEND

ALT = ALTERNATE	FF = FAR FACE	OF = OUTSIDE FACE
BOT = BOTTOM	FS = FORM SAYER	SC = SAW CUT END
BIS = BEND INTO SLAB	GID = GROUT IN DOWELS	STG = STAGGER
CB = CORNER BAR	H = HORIZONTAL	STR = STRIPS
CS = CONTROL JOINT	IF = INSIDE FACE	T = TOP
CUT = CUT TO SUIT SITE COND.	LL = LOWER LAYER	THR/1 = THREAD LENG
DWL = DOWELS	MID = MIDDLE	THR/2 = THREAD ZENIS
EE = EACH END	MIN = MINIMUM	UL = UPPER LAYER
EF = EACH FACE	NF = NEAR FACE	UNLESS NOTED
EJ = EXPANSION JOINT	OC = ON CENTER	V = VERTICAL
ES = EACH SIDE	TT = TIE	TT = TIE
EW = EACH WAY		

STRAIGHT BARS LABEL FORMAT

7 B15M X 3600	GRADE	LENGTH
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BENT BARS LABEL FORMAT

7 B15M B1501	GRADE	SIZE	L-BAR MARK
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GRADES OF STEEL

B = GRADE 400W	C = GRADE 500W
F = GRADE 600W	G = GRADE 700W
S = STAINLESS	W = WELDABLE

FOR APPROVAL

ISSUE	REMARKS	DATE	BY
		APR/09/21	JU

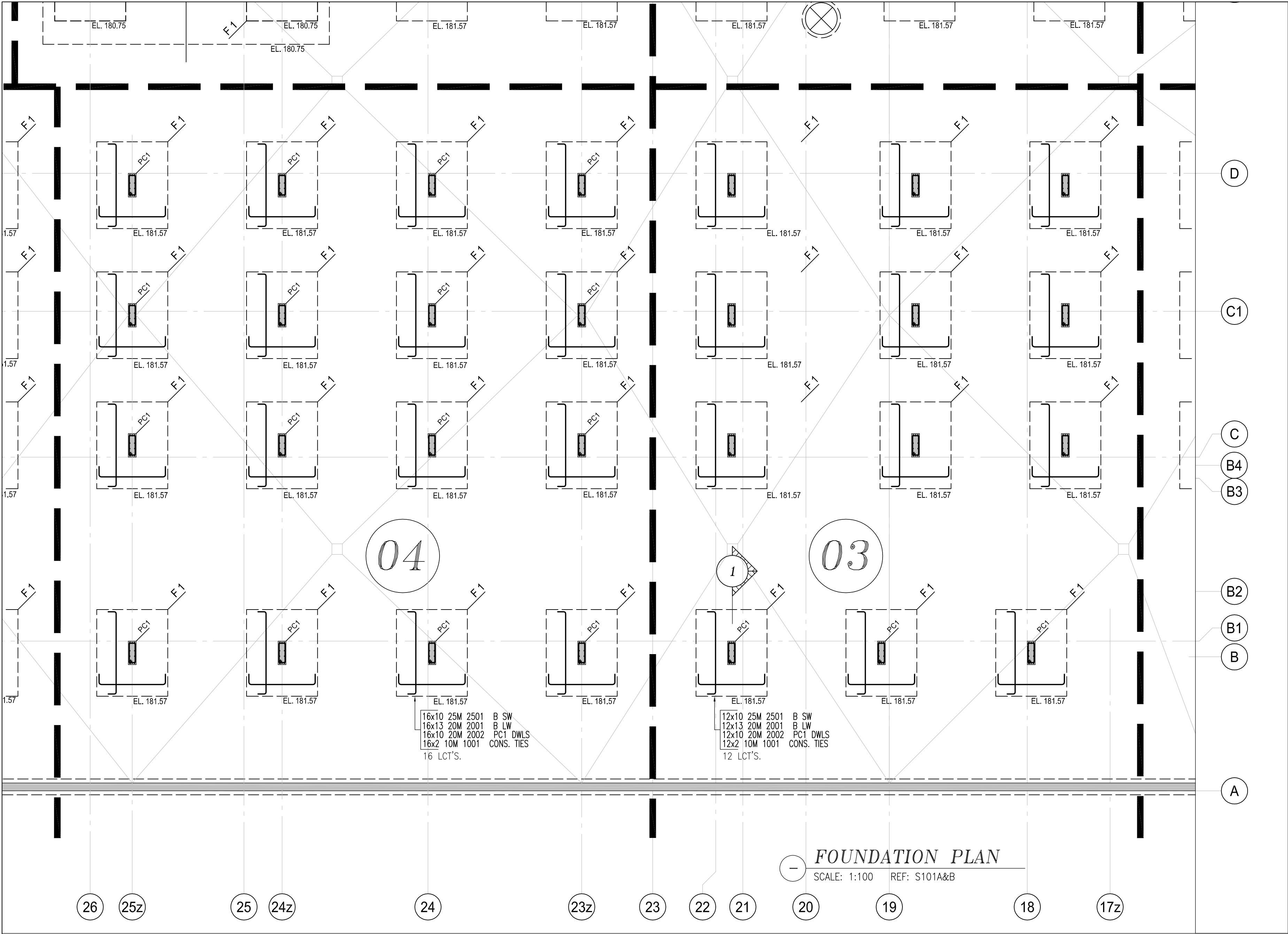
MANSTEEL REBAR
105 Industrial Road, Richmond Hill, Ontario L4C 2Y4 Canada
Phone: 905-737-9797
Fax: 905-737-9704
Email: info@mansteelrebar.com

PROJECT
FORESTSIDE TOWNHOUSES -BRAMPTON, ON

PART OF STRUCTURE
ISOLATED FOOTINGS P#1,2

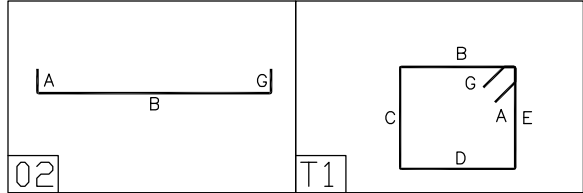
CUSTOMER :
ROYAL PINE HOMES

Project no. **2177**
SCALE: **AS SHOWN**
DRAWING No.
R1.0

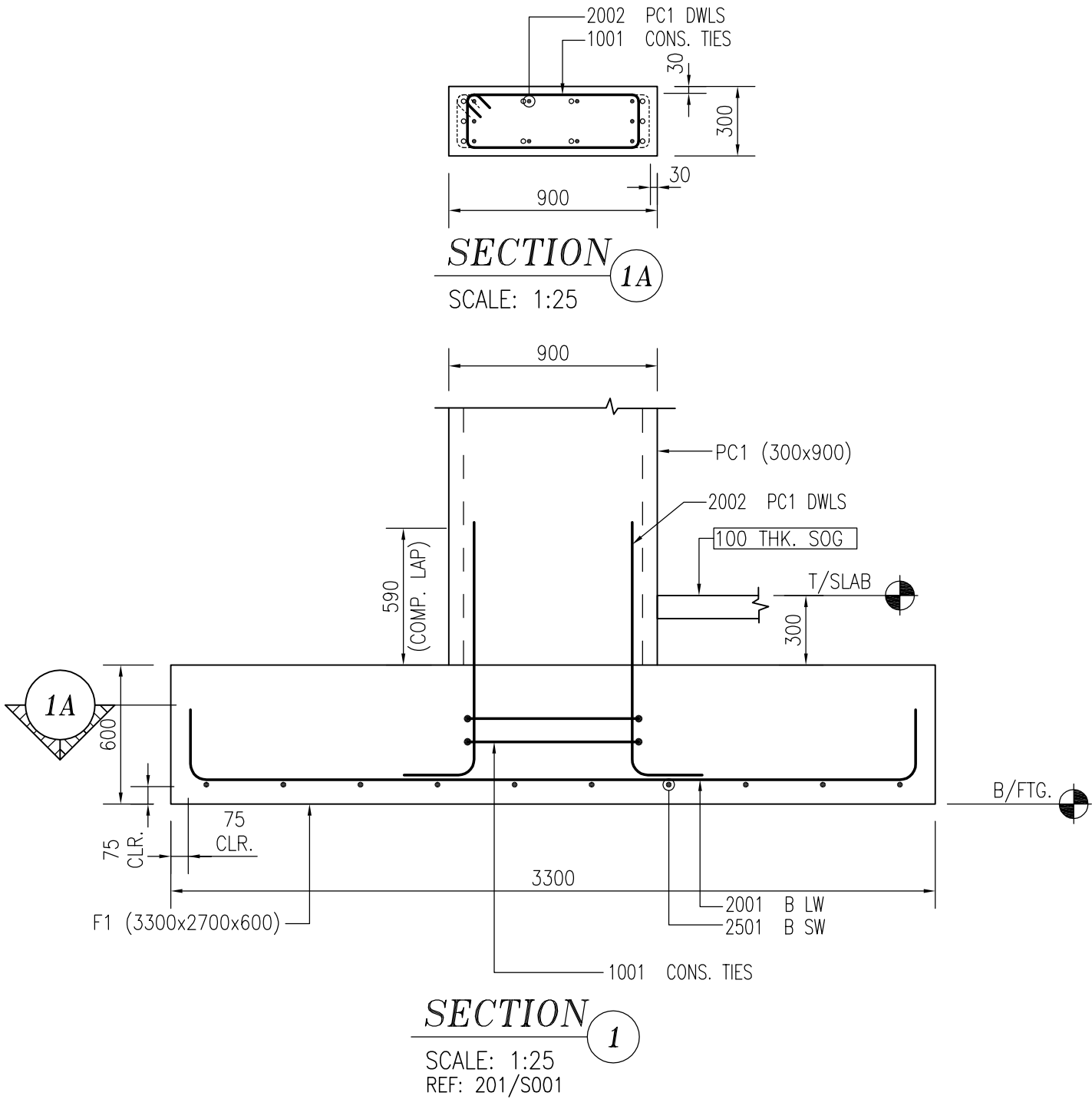


Release Code: R1.0 ISO FTG P#3										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'			
1001	24	10M	2180	T1	100	750	240	750	240			100							
2001	156	20M	3770	Z	310	3150						310							
2501	120	25M	3350	Z	400	2550						400							
2002																			

Release Code: R1.0 ISO FTG P#4										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'			
1001	32	10M	2180	T1	100	750	240	750	240			100							
2002	160	20M	1410	Z	310	1100													
2001	208	20M	3770	Z	310	3150						310							
2501	160	25M	3350	Z	400	2550						400							



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
Submission No. 19066	
Project No. 19066	
By JF	
Date 12 Apr 2021	
JABLONSKY, AST AND PARTNERS Consulting Engineers 3 Concorde Gate, North York, ON M3C 4H8	



NOTES

- ALL STEEL TO BE GRADE 400W
- STRENGTH OF CONCRETE 35MPa - FOOTINGS
35MPa - INTERIOR COLUMNS & WALLS
- CONCRETE COVER:
FTG., FND. CAST AGAINST EARTH --- 75mm
TIES --- 30mm

4. COMPRESSION LAP SPLICE

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

5. TENSION LAP SPLICE (Ls) & DEVELOPMENT LENGTH (Ld) (FOR WALL OR COL & Ld IN CAP OR FTG.)

BAR SIZE	fc=25		fc=30		fc=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

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- ALL CONFIRMS/VERIFIES WILL BE ASSUMED CORRECT AND APPROVED AS IS UNLESS COMMENTED ON THE APPROVAL DRWG

LEGEND		
ALT = ALTERNATE	FF = FAR FACE	OF = OUTSIDE FACE
BOT = BOTTOM	FS = FORM SAVER	SC = SAW CUT END
BIS = BEND INTO SLAB	GID = GROUT 'N DOWELS	STG = STAGGER
CB = CORNER BAR	H = HORIZONTAL	STR = STRIPS
CJ = CONTROL JOINT	IF = INSIDE FACE	T = TOP
CS = CUT TO SUIT SITE COND.	LL = LOWER LAYER	THR/1 = THREAD LEND
DWL = DOWELS	MD = MIDDLE	THR/2 = THREAD ZENDS
EE = EACH END	MIN = MINIMUM	UL = UPPER LAYER
EF = EACH FACE	NF = NEAR FACE	UNLESS NOTED
EJ = EXPANSION JOINT	OC = ON CENTER	V = VERTICAL
ES = EACH SIDE		TT = TAMP TIES
EW = EACH WAY		

STRAIGHT BARS LABEL FORMAT		BENT BARS LABEL FORMAT		GRADES OF STEEL	
7 B15M X 3600	GRADE QUANTITY	7 B15M B1501	GRADE QUANTITY	B = GRADE 400W	COATED
				C = GRADE 500W	COATED
				S = STAINLESS	WELDABLE

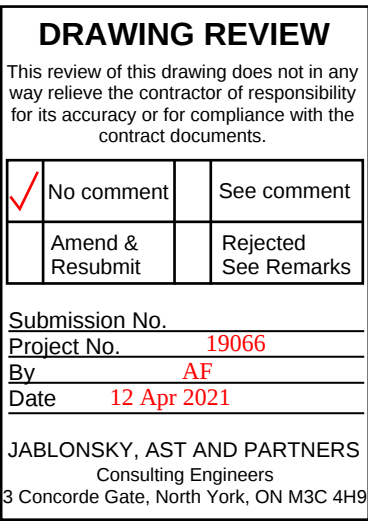
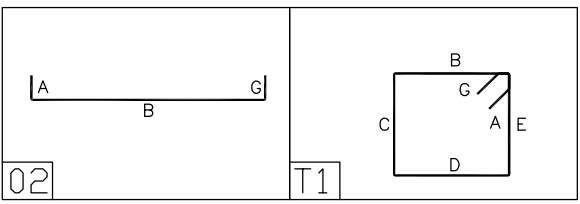
FOR APPROVAL	APR/09/21	JJ
ISSUE	REMARKS	DATE BY

MANSTEEL REBAR	MANSTEEL REBAR 105 Industrial Road, Richmond Hill, Ontario L4C 2Y4 Canada Phone: 905-737-9797 Fax: 905-737-9704 Email: info@mansteelrebar.com
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PROJECT
FORESTSIDE TOWNHOUSES
-BRAMPTON, ON

ISOLATED FOOTINGS P#3,4

CUSTOMER : ROYAL PINE HOMES	Project no. 2177 SCALE: AS SHOWN DRAWING No. R1.1
DETAILED BY: JJ	BAR LIST No.
CHECKED BY:	



LEGEND			
ALT = ALTERNATE	FF = FARM FACE	OF = OUTSIDE FACE	
BOT = BOTTOM	FS = FENCE SAVER	OS = SAW CUT END	
BIS = BEND INTO SLAB	GID = GROUT IN DOWELS	STG = STAGGER	
CB = CORNER BAR	H = HORIZONTAL	STIR = STIRRUPS	
CD = CONTROL JOINT	IF = INSIDE FACE	THR/1 = THROD	
CTS = CUT TO SUIT SITE CON.	LL = LOWER LAYER	THR/2 = THROD 2/2	
DWL = DOWELS	MID = MIDDLE	UL = UPPER LAYER	
EE = EACH END	MIN = MINIMUM	u/n = UNLESS NOTED	
EF = EACH FACE	NF = NEAR FACE	V = VERTICAL	
EJ = EXPANSION JOINT	OC = ON CENTER	TT = TEMP. TIES	
ES = EACH SIDE			
EW = EACH WAY			

STRAIGHT BARS LABEL FORMAT	BENT BARS LABEL FORMAT	GRADES OF STEEL
 7 B15M X 3600 QUANTITY GRADE LENGTH	 7 B15M B1501 QUANTITY GRADE SIZE BAR MARK	GRADES OF STEEL B = GRADE 400R C = EPOXY COATED D = DCRP G = GALVANIZED S = STAINLESS W = WELDABLE

0	FOR APPROVAL	APR/09/21	JU
ISSUE	REMARKS	DATE	B

MANSTEEL

REBAR

MANSTEEL REBAR
 105 Industrial Road, Richmond Hill,
 Ontario L4C 2Y4 Canada
 Phone: 905-737-9797
 Fax: 905-737-9704
 Email: info@mansteelrebar.com

PROJECT
FORESTSIDE TOWNHOUSES
-BRAMPTON, ON

ISOLATED FOOTINGS P#5,6

CUSTOMER :	Project no. 2177
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ROYAL PINE HOMES	SCALE: AS SHOWN
	DRAWING No.

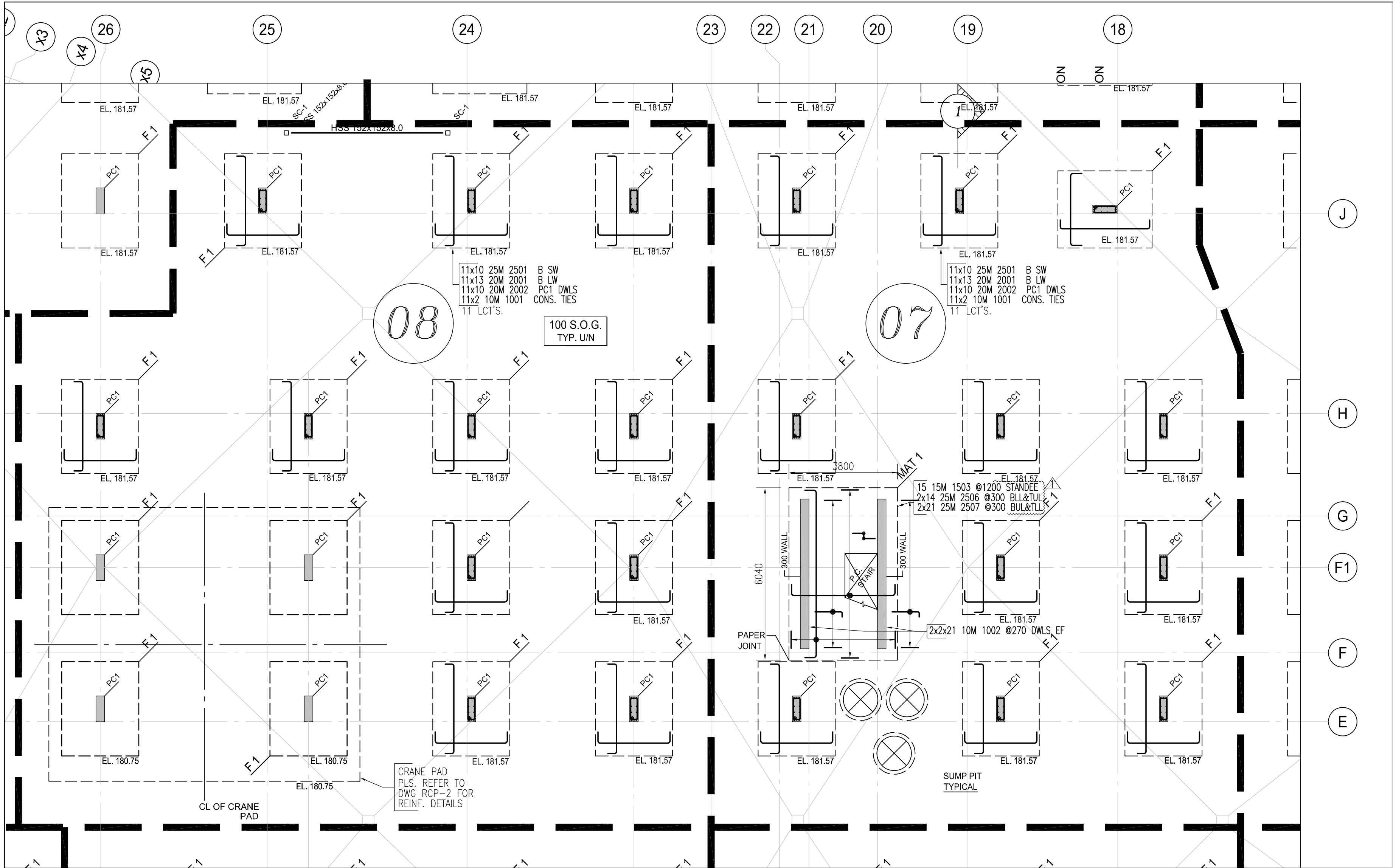
PREPARED BY: JU CHECKED BY:	BAR LIST No.	R1.2	
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NOTES

1. ALL STEEL TO BE GRADE 400W
2. STRENGTH OF CONCRETE
35MPa - FOOTINGS
35MPa - INTERIOR COLUMNS & WALLS
3. CONCRETE COVER:
FTG., FND. CAST AGAINST EARTH --- 75mm
TIES --- 30mm

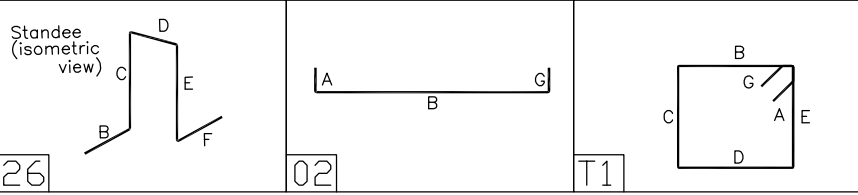
BAR SIZE	STANDARD LAP (mm)
10M	300
15M	440
20M	590
25M	730
30M	880
35M	1030

TENSION LAP SPLICING (L.S.) & DEVELOPMENT (FOR WALL OR COL. & Ld IN CAP OR FTG.)					LENGTH (Ld)	
BAR SIZE	fc=25		fc=30		fc=35	
	L.S.	Ld	L.S.	Ld	L.S.	Ld
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



Release Code: R1.2 ISO FTG P#7										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
1001	22	10M	2180	11	100	750	240	750	240		100								
1002	84	10M	1130	2	180	950													
1503	15	15M	1700	26		400	350	200	350	400									
2001	143	20M	3770	2	310	3750					310								
2501	110	25M	3350	2	400	2550					400								
2507	42	25M	4450	2	400	3650					400								
2506	28	25M	6690	2	400	5890					400								
2002	110	20M	1410	2	310	1100													

Release Code: R1.2 ISO FTG P#8										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
1001	22	10M	2180	11	100	750	240	750	240		100								
2002	110	20M	1410	2	310	1100													
2001	143	20M	3770	2	310	3750					310								
2501	110	25M	3350	2	400	2550					400								



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

Submission No. 19066

Project No. AF

Date 14 Apr 2021

JABLONSKY, AST AND PARTNERS
Consulting Engineers
3 Concorde Gate, North York, ON M3C 4H9

- 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

LEGEND									
ALT = ALTERNATE	FF = FAR FACE	OF = OUTSIDE FACE	BT = BOTTOM	FS = FORM SAVER	SC = SAW CUT END	BIS = BEND INTO SLAB	GID = GROUT IN DOWELS	STG = STAGGER	
CB = CORNER BAR	H = HORIZONTAL	STR = STRIPS	CJS = CONTROL JOINT	IF = INSIDE FACE	T = TOP	CJS = CUT TO SUIT SITE COND.	LL = LOWER LAYER	THR/1 = THREAD LEND	
DWL = DOWELS	MD = MIDDLE	THR/2 = THREAD ZENDS	EE = EACH END	MIN = MINIMUM	UL = UPPER LAYER	EF = EACH FACE	U/N = UNLESS NOTED	V = VERTICAL	
EJ = EXPANSION JOINT	NF = NEAR FACE	TT = TUMP TIES	ES = EACH SIDE	OC = ON CENTER		EW = EACH WAY			

STRAIGHT BARS LABEL FORMAT		BENT BARS LABEL FORMAT		GRADES OF STEEL	
7 B15M X 3600	GRADE QUANTITY LENGTH	7 B15M B1501	GRADE QUANTITY LENGTH	B = GRADE 400	
				C = GRADE 500	
				S = STAINLESS	
				W = WELDABLE	

1	REV. PER COMM. -- FOR RE-APP.	APR/13/21	JU
0	FOR APPROVAL	APR/09/21	JU
ISSUE	REMARKS	DATE	BY

MANSTEEL
REBAR

MANSTEEL REBAR
105 Industrial Road, Richmond Hill,
Ontario L4C 2Y4 Canada
Phone: 905-737-9797
Fax: 905-737-9704
Email: Info@mansteelrebar.com

PROJECT
FORESTSIDE TOWNHOUSES
-BRAMPTON, ON

PART OF STRUCTURE
ISOLATED FOOTINGS P#7,8

CUSTOMER :
ROYAL PINE HOMES

DETAILED BY: JU
BAR LIST No.

CHECKED BY:

Project no. 2177

SCALE: AS SHOWN

DRAWING No.

R1.3

NOTES

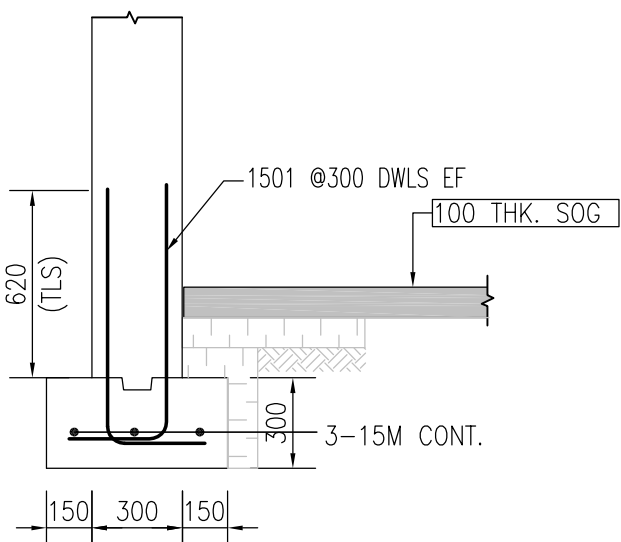
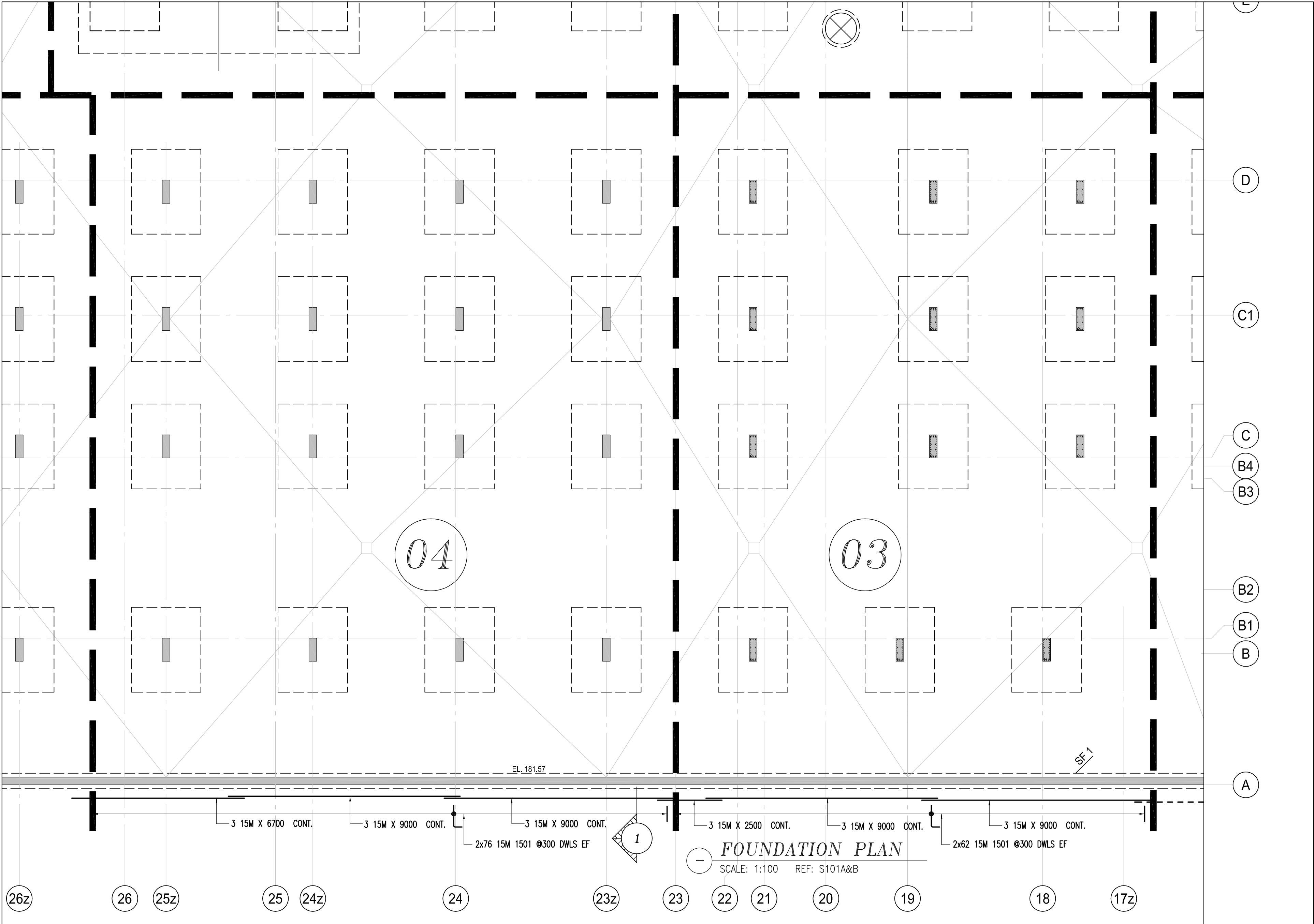
- ALL STEEL TO BE GRADE 400W
- STRENGTH OF CONCRETE 35MPa -- FOOTINGS 35MPa -- INTERIOR COLUMNS & WALLS
- CONCRETE COVER: FTG., FND. CAST AGAINST EARTH --- 75mm TIES --- 30mm

4. COMPRESSION LAP SPLICE

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

5. TENSION LAP SPLICE (Ls) & DEVELOPMENT LENGTH (Ld) (FOR WALL OR COL & Ld IN CAP OR FTG.)

BAR SIZE	fc=25		fc=30		fc=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



SECTION 1
SCALE: 1:25
REF: 4/S201

NOTES

- ALL STEEL TO BE GRADE 400W
- STRENGTH OF CONCRETE
35MPa - FOOTINGS
35MPa - INTERIOR COLUMNS & WALLS
- CONCRETE COVER:
FTG., FND. CAST AGAINST EARTH --- 75mm
TIES --- 30mm

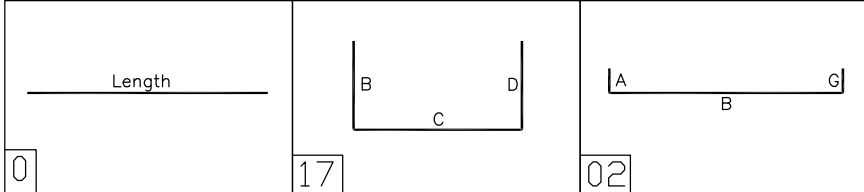
4. COMPRESSION LAP SPLICE

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

5. TENSION LAP SPLICE (Ls) & DEVELOPMENT LENGTH (Ld) (FOR WALL OR COL & Ld IN CAP OR FTG.)

BAR SIZE	fc=25		fc=30		fc=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

Release Code: R2.1 STRIP FTG. P#3,4 BENDING DETAILS.													
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'
	3	15M	2500		2500								
	12	15M	9000		9000								
	3	15M	6700		6700								
1501	276	15M	1800	17		330	850						



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

Submission No. 19066
Project No. 19066
By: A.T.
Date: 12 Apr 2021
JABLONSKY, AST AND PARTNERS
3 Concorde Gate, North York, ON M3C 4H9

- 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 DRWG

LEGEND	LEGEND	LEGEND
ALT = ALTERNATE BOT = BOTTOM BIS = BEND INTO SLAB CB = CORNER BAR CJ = CONTROL JOINT CJS = CUT TO SUIT SITE COND. DWL = DOWELS EE = EACH END EF = EACH FACE EJ = EXPANSION JOINT ES = EACH SIDE EW = EACH WAY	FF = FAR FACE FS = FORM SAVER GIO = GROUT 'N DOWELS H = HORIZONTAL IF = INSIDE FACE LL = LOWER LAYER MD = MIDDLE MIN = MINIMUM NF = NEAR FACE OC = ON CENTER	OF = OUTSIDE FACE S&W CUT END STG = STAGGER STR = STRIPS T = TOP THR/2 = THREAD LEND THR/2 = THREAD ZENDS UL = UPPER LAYER UNLESS NOTED V = VERTICAL TT = TEMPL. TIES

STRAIGHT BARS LABEL FORMAT	BENT BARS LABEL FORMAT	GRADES OF STEEL
7 B15M X 3600 GRADE QUANTITY	7 B15M B1501 SIZE L-BAR MARK QUANTITY	B = GRADE 400W C = GRADE 400W COATED E = GRADE 500W S = STAINLESS W = WELDABLE

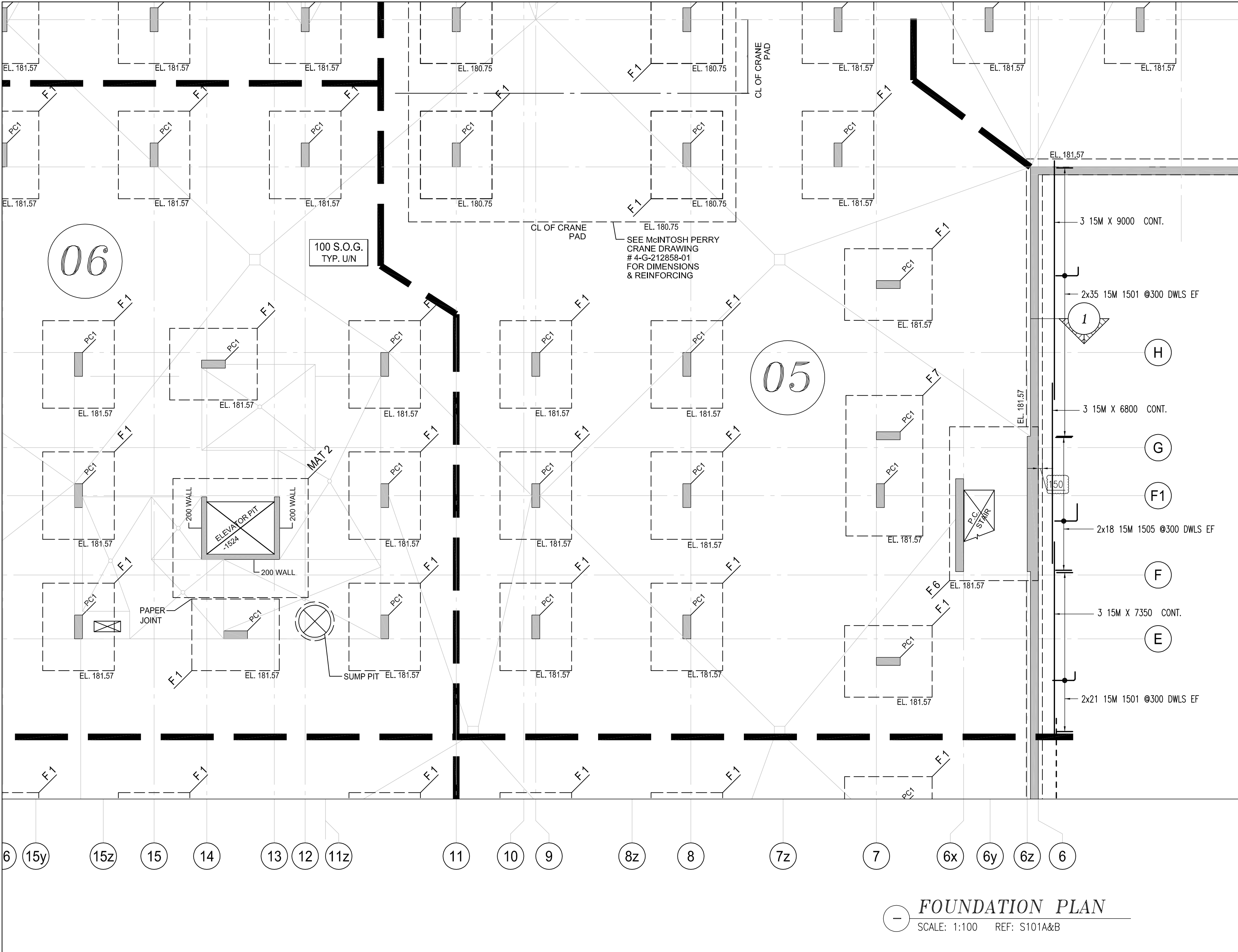
0	FOR APPROVAL	APR/09/21	JU
ISSUE	REMARKS	DATE	BY

MANSTEEL REBAR	MANSTEEL REBAR 105 Industrial Road, Richmond Hill, Ontario L4C 2Y4 Canada Phone: 905-737-9797 Fax: 905-737-9704 Email: info@mansteelrebar.com
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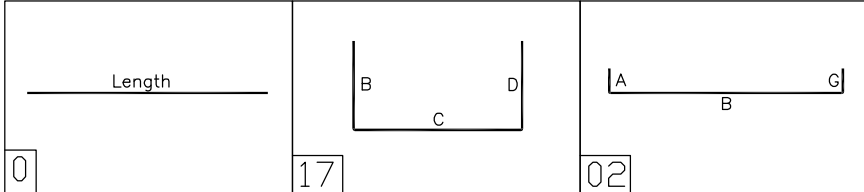
PROJECT
FORESTSIDE TOWNHOUSES
-BRAMPTON, ON

PART OF STRUCTURE
STRIP FOOTINGS P#3,4

CUSTOMER : ROYAL PINE HOMES	Project no. 2177 SCALE: AS SHOWN DRAWING No. R2.1
DETAILED BY: JU CHECKED BY:	BAR LIST No. 0



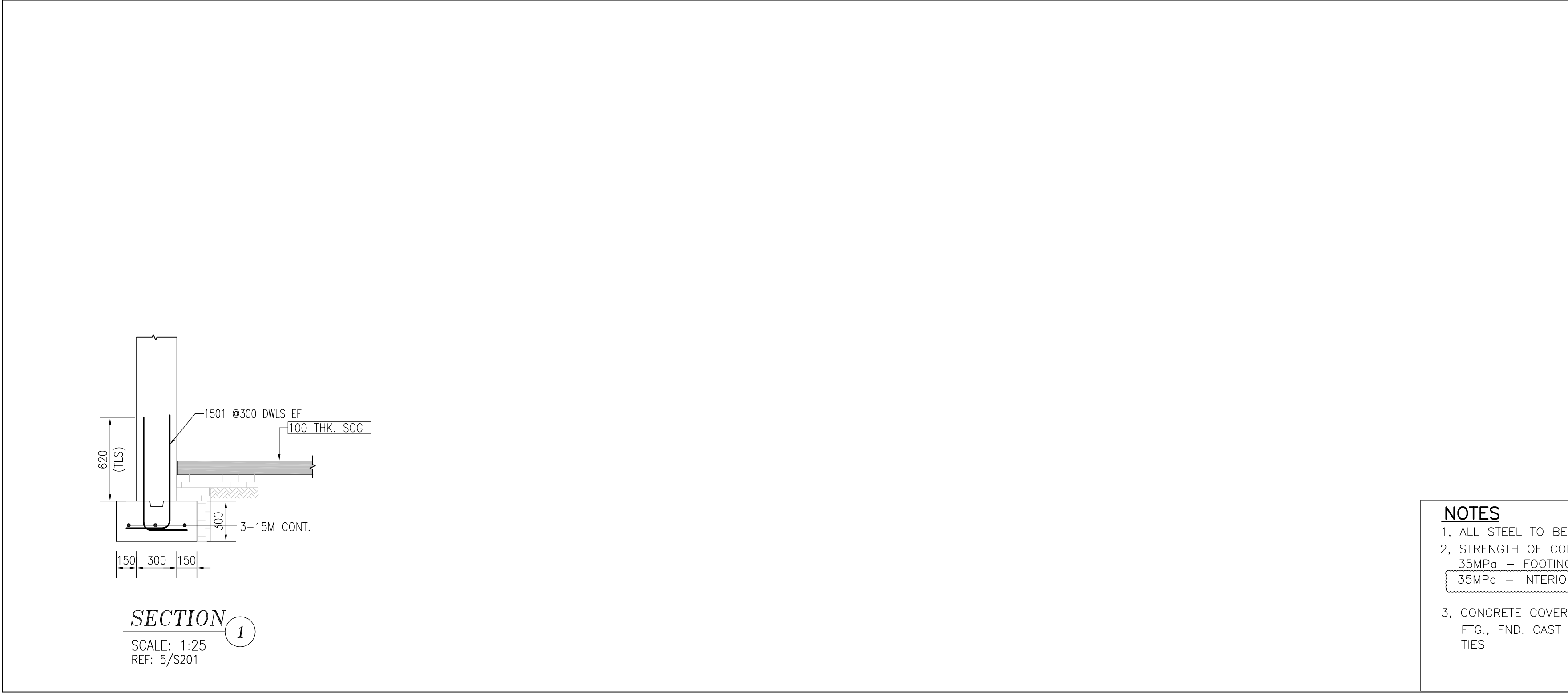
Release Code: R2.1 STRIP FTG P#5 BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'
	3	15M	9000			9000			
	3	15M	6800			6800			
	3	15M	7350			7350			
15A1	112	15M	1000	17			330	850	
15A5	36	15M	1510	17			660	850	



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

Submission No. 19066
Project No. 19066
By AF
Date 12 Apr 2021
JABLONSKY, AST AND PARTNERS
Consulting Engineers
3 Concorde Gate, North York, ON M3C 4H9



NOTES
1. ALL STEEL TO BE GRADE 400W
2. STRENGTH OF CONCRETE 35MPa - FOOTINGS
35MPa - INTERIOR COLUMNS & WALLS
3. CONCRETE COVER:
FTG., FND. CAST AGAINST EARTH --- 75mm
TIES --- 30mm
PLS. CLARIFY

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

5. TENSION LAP SPLICE (Ls) & DEVELOPMENT LENGTH (Ld) (FOR WALL OR COL & Ld IN CAP OR FTG.)					
BAR SIZE	fc=25		fc=30		fc=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

- 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

LEGEND
ALT = ALTERNATE
BOT = BOTTOM
BIS = BEND INTO SLAB
CB = CORNER BAR
CJS = CONTROL JOINT
CJS = CUT TO SUIT SITE COND.
DWL = DOWELS
EE = EACH END
EF = EACH FACE
EJ = EXPANSION JOINT
ES = EACH SIDE
EW = EACH WAY
FF = FAR FACE
FS = FORM SAVER
GIO = GROUT IN DOWELS
H = HORIZONTAL
IF = INSIDE FACE
LL = LOWER LAYER
MD = MIDDLE
MIN = MINIMUM
NF = NEAR FACE
OC = ON CENTER
OF = OUTSIDE FACE
SC = SAW CUT END
STG = STAGGER
STR = STRIPS
T = TOP
THR/1 = THREAD LENG
THR/2 = THREAD ZENOS
UL = UPPER LAYER
V = VERTICAL
TT = TIE
TT = TIE

STRAIGHT BARS LABEL FORMAT
7 B15M X 3600
GRADE
QUANTITY
LENGTH

BENT BARS LABEL FORMAT
7 B15M B1501
GRADE
QUANTITY
LENGTH
SIZE - BAR MARK

GRADES OF STEEL
B = GRADE 400W
C = GRADE 500W
F = GRADE 600W
S = STAINLESS
W = WELDABLE

FOR APPROVAL	APR/09/21	JJ
ISSUE	REMARKS	DATE BY
MANSTEEL REBAR 105 Industrial Road, Richmond Hill, Ontario L4C 2Y4 Canada Phone: 905-737-9797 Fax: 905-737-9704 Email: info@mansteelrebar.com		
PROJECT FORESTSIDE TOWNHOUSES -BRAMPTON, ON		
PART OF STRUCTURE STRIP FOOTINGS P#5		
CUSTOMER : ROYAL PINE HOMES	Project no. 2177 SCALE: AS SHOWN	DRAWING No. R2.2
DETAILED BY: JJ CHECKED BY:	BAR LIST No.	