stephenson ENGINEERING

SITE INSTRUCTION # 10

Project Name: Hampton Manor (25 Baker Hill Boulevard) - Stouffville
Project Number: 20140490

Vince Staffieri **May 11, 2018**
Royal Pine Homes
3550 Langstaff Road, Suite 200
Woodbridge, Ontario L4L 9G3

via email: vince@royalpinehomes.com

Distribution: Owner [ ]; Contractor [ ]; Consultant A [ ]; M [ ]; E [ ]; L [ ]; Other

1. Site instructions are issued only for the purpose of recording any clarification or interpretation of the contract documents or giving direction on problems resulting from field conditions.
2. These instructions are subject to the provisions of the contract documents and unless stated herein and specifically co-authorized by the Client, will not affect the contract.
3. Should the Contractor require a change in the contract price or project schedule, he shall submit an itemized proposal to the Architect within 14 calendar days of the date hereof.
4. If the proposal is accepted by the Client, this site instruction will be superseded by a Change Order.

A. REFERENCE:

.1 Drawings S1-05 and S1-06.

B. INSTRUCTION:

.1 Revise Studrail reinforcement for slabs at Levels 6 and 7, as indicated.

C. REASON:

.1 To suit floor openings required for precast concrete cladding and M&E services.

Yours very truly,
STEPHENSON ENGINEERING LIMITED

per _____

Mauricio Nieto, MASc., P.Eng.
Senior Engineer, Project Manager
mnieto@stephenson-eng.com

per _____

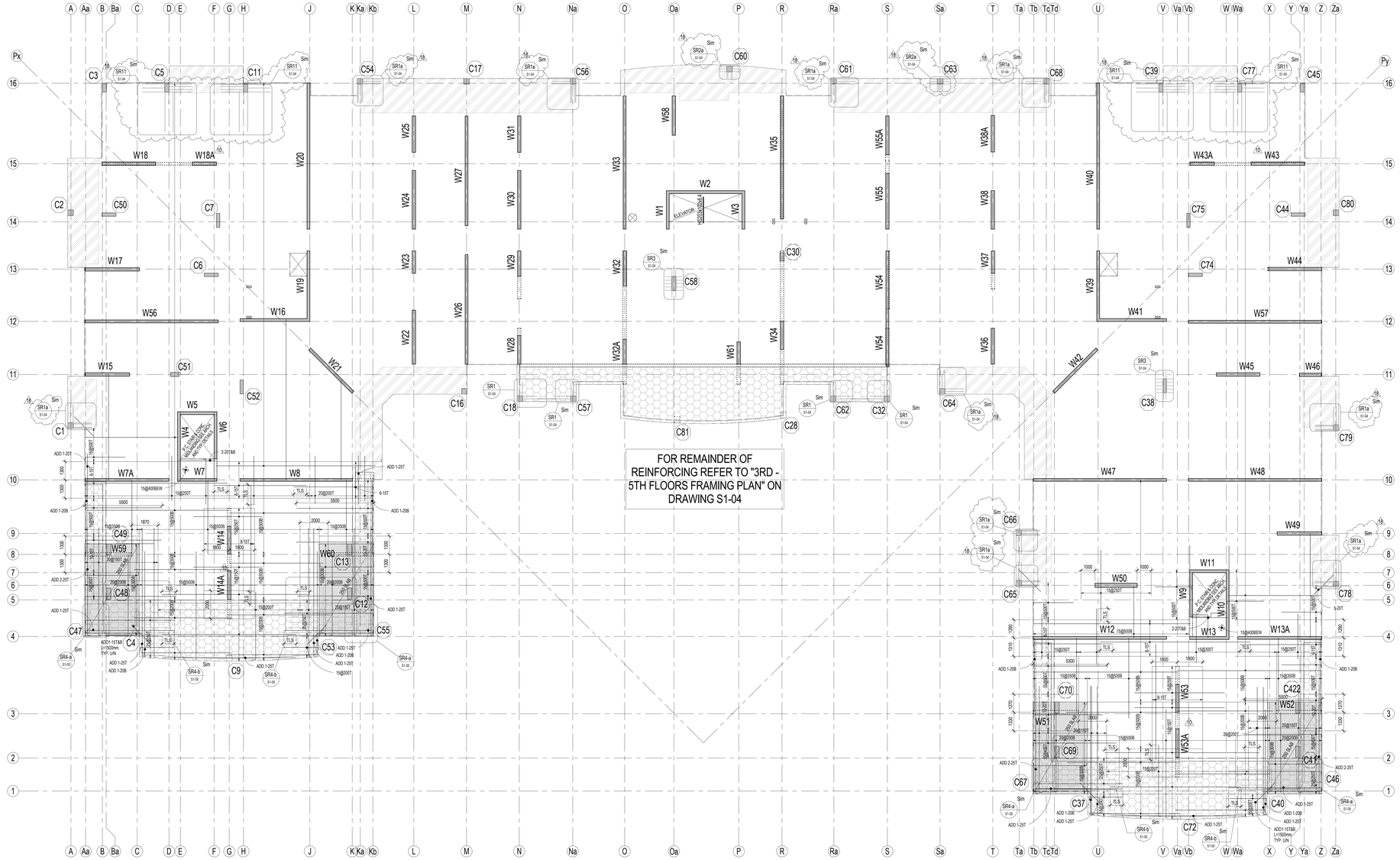
Saundra Cullen, P.Eng.
Principal
scullen@stephenson-eng.com

Distribution cc:

Jeffrey Ellis	jellis@dineen.com
Gino Colangelo	gcolangelo@gc-architects.com
Shari Grant	SGrant@gc-architects.com
Colin Hutson	chutson@stephenson-eng.com

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS WITH THE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAR.18.2016	ISSUED FOR TENDER
2	DEC.28.2016	ISSUED FOR BUILDING PERMIT
3	MAY.09.2017	ISSUED FOR FOUNDATION PERMIT
10	JUL.19.2017	IFC - ABOVE GRADE LEVELS
18	MAY.11.2018	ISSUED FOR SITE INSTRUCTION #10



6TH FLOOR FRAMING PLAN
1 : 100

REINFORCEMENT PLACEMENT DIAGRAM

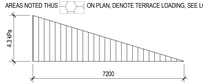
SLAB:	200 MIN. U/N
INTERGRITY BARS:	3-20BEW
CONCRETE STRENGTH:	30 MPa
TEMP. STEEL:	15@500
SLAB:	250 MIN. U/N
INTERGRITY BARS:	3-20BEW
CONCRETE STRENGTH:	30 MPa
TEMP. STEEL:	15@400

1. TOP OF STRUCTURAL SLAB TO BE 0.0 mm BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
2. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT.

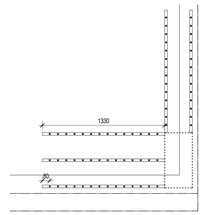
	LL	SDL	S
SUITES	1.9 kPa	1.0 kPa	
TERRACE	4.8 kPa	3.6 kPa*	2.0 kPa**
STAIRS	4.8 kPa	0.5 kPa	
BALCONIES	4.8 kPa	0.5 kPa	2.0 kPa**
LOCKERS	4.8 kPa	1.5 kPa	-

* INCLUDES ALLOWANCE FOR SLOPES AND ROOF MATERIALS.
** AN ALLOWANCE FOR ACCUMULATED SNOW LOAD (AS) CALCULATED IN ACCORDANCE WITH THE O.B.C. IS IN ADDITION TO THIS LOAD AND IS NOTED ON PLAN

3. CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
4. APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
5. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
6. SEE TYPICAL DETAIL DRAWING FOR LINTELS IN NON-LOAD BEARING BLOCK WALLS.
7. SEE ALSO TYPICAL NOTES AND DETAILS.
8. REFER TO BEAM, COLUMN SCHEDULES AND WALL ELEVATIONS.
9. AREAS NOTED THUS ON PLAN, DENOTE BALCONY LOADING, SEE LOADING TABLE.
10. AREAS NOTED THUS ON PLAN, DENOTE TERRACE LOADING, SEE LOADING TABLE.

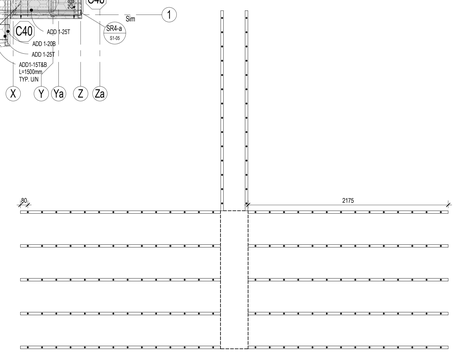


TYPICAL ASL AT BALCONIES AND TERRACES



5 STUDRAILS (14x12.7mm@x200H STUDS) @80mm O/C

SR4-a S1-05 PLAN DETAIL
1 : 20



12 STUDRAILS (14x0.525mm@x200H STUDS) @155mm O/C

SR4-b S1-05 PLAN DETAIL
1 : 20

LICENCE PROFESSIONAL ENGINEER 18-05-11 S.L. CULLEN PROVINCE OF ONTARIO

LICENCE PROFESSIONAL ENGINEER 18-05-11 M.G.NIETO-ECHAVEZ PROVINCE OF ONTARIO

stephenson ENGINEERING
2550 Victoria Park Ave. Suite 602
Toronto ON M2J 5A9 | Tel: (416) 635 9970
www.stephenson-eng.com | info@stephenson-eng.com

PROPOSED RESIDENTIAL DEVELOPMENT

25 BAKER HILL BLVD.

ROYAL PINES HOMES
STOUFFVILLE ONTARIO

Drawn By	RS
Checked By	NH/PZ/AS
Plot Date:	DECEMBER 2016
Job #	20140490

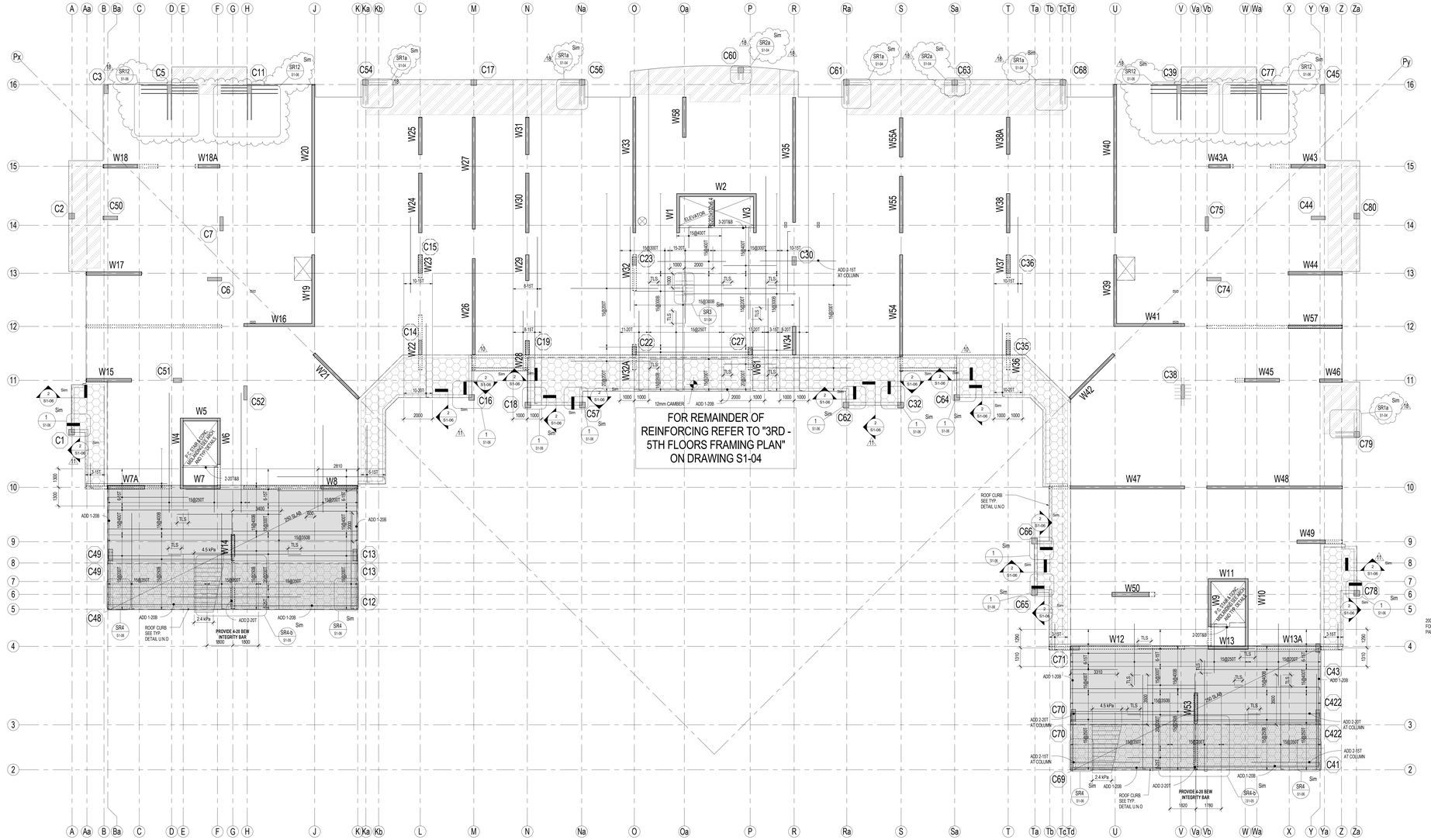
6TH FLOOR FRAMING PLAN

As indicated

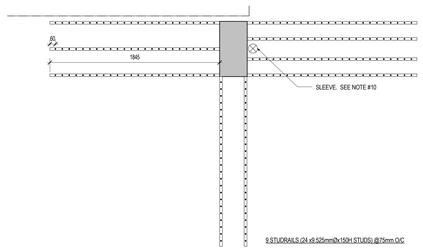
S1-05

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS WITH THE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.

1	MAR.18.2016	ISSUED FOR TENDER
2	DEC.28.2016	ISSUED FOR BUILDING PERMIT
3	MAY.09.2017	ISSUED FOR FOUNDATION PERMIT
10	JUL.19.2017	IFC - ABOVE GRADE LEVELS
11	JUL.24.2017	ISSUED FOR SITE INSTRUCTION #2
13	SEP.12.2017	ISSUED FOR SITE INSTRUCTION #5
18	MAY.11.2018	ISSUED FOR SITE INSTRUCTION #10



7TH FLOOR FRAMING PLAN
1 : 100



SR12 PLAN DETAIL
S1-06 1 : 20

- INDICATES COLUMN NUMBER (REFER TO COLUMN SCHEDULE)
- INDICATES COLUMN ABOVE NUMBER (REFER TO COLUMN SCHEDULE)

TUL = TOP UPPER LAYER
TLL = TOP LOWER LAYER
BUL = BOTTOM UPPER LAYER
BLL = BOTTOM LOWER LAYER

REINFORCEMENT PLACEMENT DIAGRAM

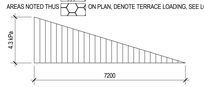
SLAB:	200 MIN. U/N
INTERGRITY BARS:	3-20BEW
CONCRETE STRENGTH:	30 MPa
TEMP. STEEL:	15@300
SLAB:	250 MIN. U/N
INTERGRITY BARS:	3-20BEW
CONCRETE STRENGTH:	30 MPa
TEMP. STEEL:	15@400

1. TOP OF STRUCTURAL SLAB TO BE 0.0 mm BELOW FINISHED FLOOR DATUM ELEVATION EXCEPT AS CROSSED AND NOTED. SEE ARCHITECTURAL DRAWINGS FOR DATUM ELEVATION.
2. THE STRUCTURAL SLAB HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS (LL) AND SUPERIMPOSED DEAD LOADS (SDL) IN ADDITION TO THE SELF WEIGHT.

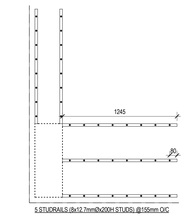
	LL	SDL	S
SUITES	1.9 kPa	1.0 kPa	-
TERRACE	4.8 kPa	3.6 kPa*	2.0 kPa**
STAIRS	4.8 kPa	0.5 kPa	-
BALCONIES	4.8 kPa	0.5 kPa	2.0 kPa**
LOCKERS	4.8 kPa	1.5 kPa	-

* INCLUDES ALLOWANCE FOR SLOPES AND ROOFING MATERIALS
** AN ALLOWANCE FOR ACCUMULATED SNOW LOAD (ASL) CALCULATED IN ACCORDANCE WITH THE O.B.C. IS IN ADDITION TO THIS LOAD AND IS NOTED ON PLAN

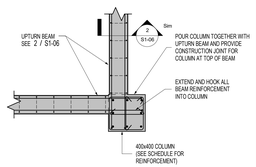
3. CONCRETE COVER FOR TOP AND BOTTOM BARS IN SLABS TO BE 25 mm.
4. APPROVAL MUST BE OBTAINED FROM ENGINEER FOR ALL OPENINGS OTHER THAN THOSE SHOWN ON PLAN.
5. THE PROJECT SUPERINTENDENT MUST CONTACT THIS OFFICE 24 HOURS PRIOR TO PLACING STRUCTURAL CONCRETE FOR A REVIEW OF PREPARATIONS.
6. SEE TYPICAL DETAIL DRAWING FOR LINTELS IN NON-LOAD BEARING BLOCK WALLS.
7. SEE ALSO TYPICAL NOTES AND DETAILS.
8. REFER TO BEAM, COLUMN SCHEDULES, AND WALL ELEVATIONS.
9. AREAS NOTED THUS [▨] ON PLAN, DENOTE BALCONY LOADING, SEE LOADING TABLE.
10. AREAS NOTED THUS [▨] ON PLAN, DENOTE TERRACE LOADING, SEE LOADING TABLE.



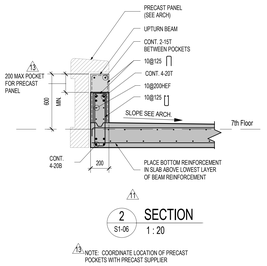
TYPICAL ASL AT BALCONIES AND TERRACES



SR4 PLAN DETAIL
S1-06 1 : 20



1 PLAN DETAIL
S1-06 1 : 20



2 SECTION
S1-06 1 : 20

NOTE: COORDINATE LOCATION OF PRECAST POCKETS WITH PRECAST SUPPLIER

18-05-11
S.L. CULLEN
PROVINCE OF ONTARIO

18-05-11
M.G.NIETO-ECHAVE
PROVINCE OF ONTARIO

stephenson ENGINEERING
2550 Victoria Park Ave. Suite 602
Toronto ON M2J 5A9 | Tel.: (416) 635 9970
www.stephenson-eng.com | info@stephenson-eng.com

PROPOSED RESIDENTIAL DEVELOPMENT

25 BAKER HILL BLVD.

ROYAL PINES HOMES
STOUFFVILLE ONTARIO

Drawn By	RS
Checked By	NH/PZ/AS
Plot Date:	DECEMBER 2016
Job #	20140490

7TH FLOOR FRAMING PLAN

As indicated

S1-06