

Site Instruction SI 18

Royal Pine Homes 3550 Langstaff Road, Suite 200 Woodbridge, Ontario L4L 9G3

PROJECT : Hampton Manor PROJECT No : 1136.13

**DATE** : April 13, 2018

## Attn: Vince Staffieri

Site instructions/memos and Addendums 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. These memos are subject to the provisions of the contract documents and unless reviewed with and authorized by the Client, will not affect the contract. Should the Contractor require a change in the contract price or project schedule, he shall submit to the Client, prior to commencement of work outlined in this memo, an itemized proposal for approval.

Title: Spray foam Insulation

## A104 - Wall Schedule

Revising wall types W1A, W1B and W1D construction to show R22 spray foam insulation with 92 mm steel studs.

Reason: Based on Client's Request

References: A104.

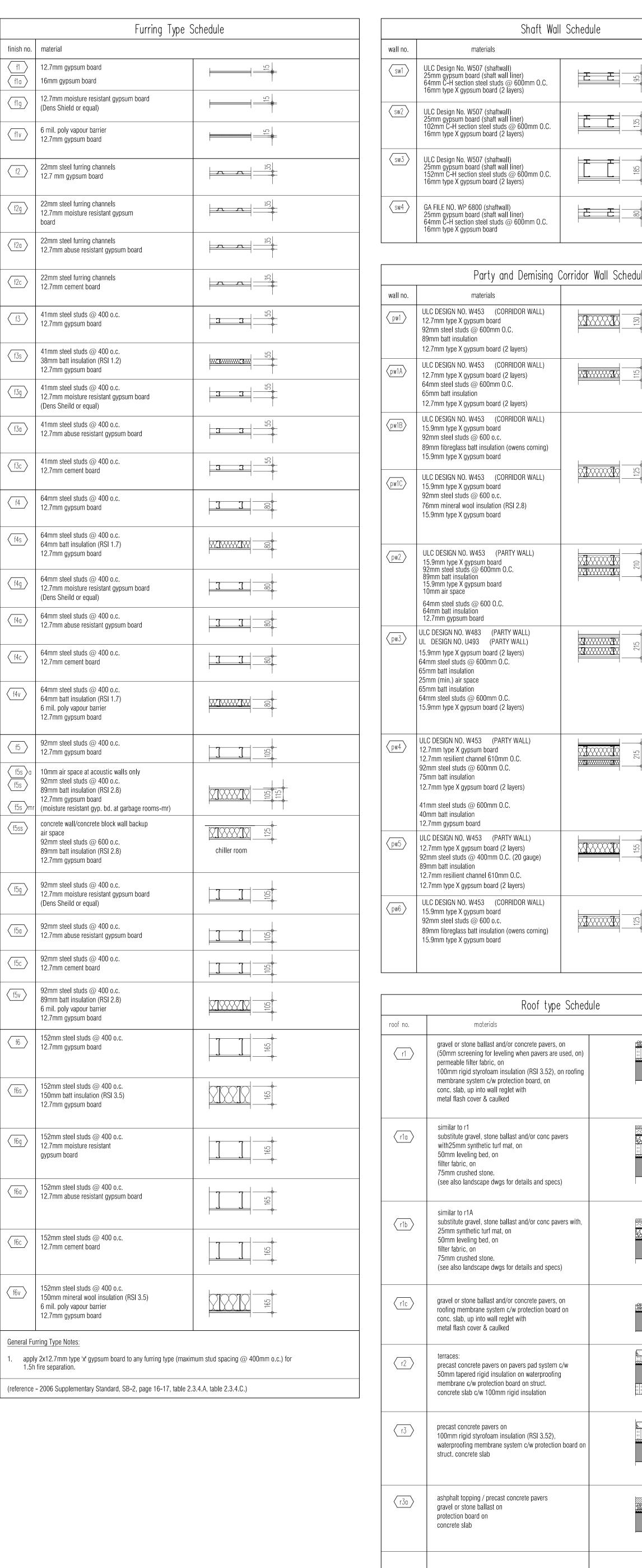
GRAZIANI + CORAZZA
ARCHITECTS INC

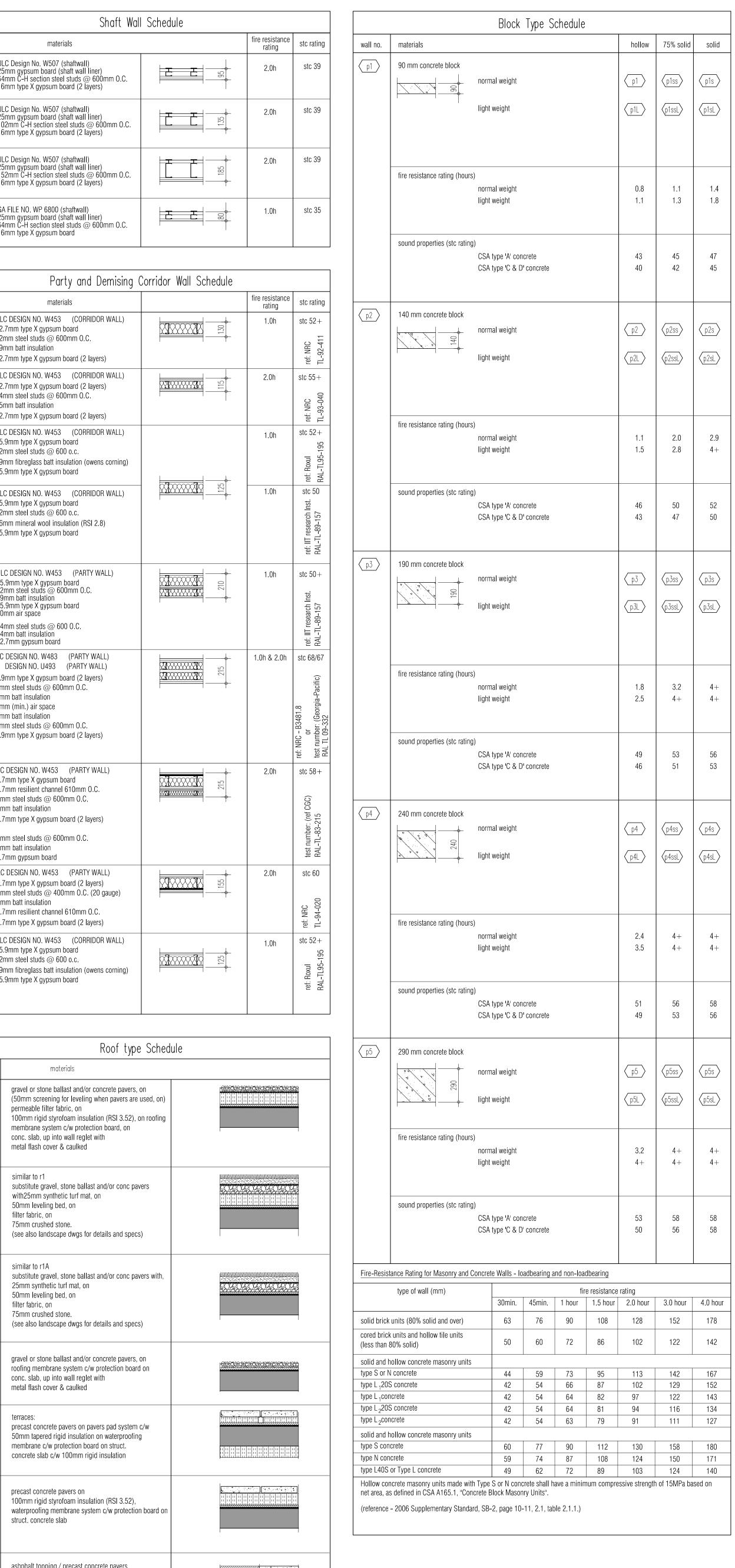
**G. Colangelo** Diploma Arch. Technology Associate. Director of Contract Documents

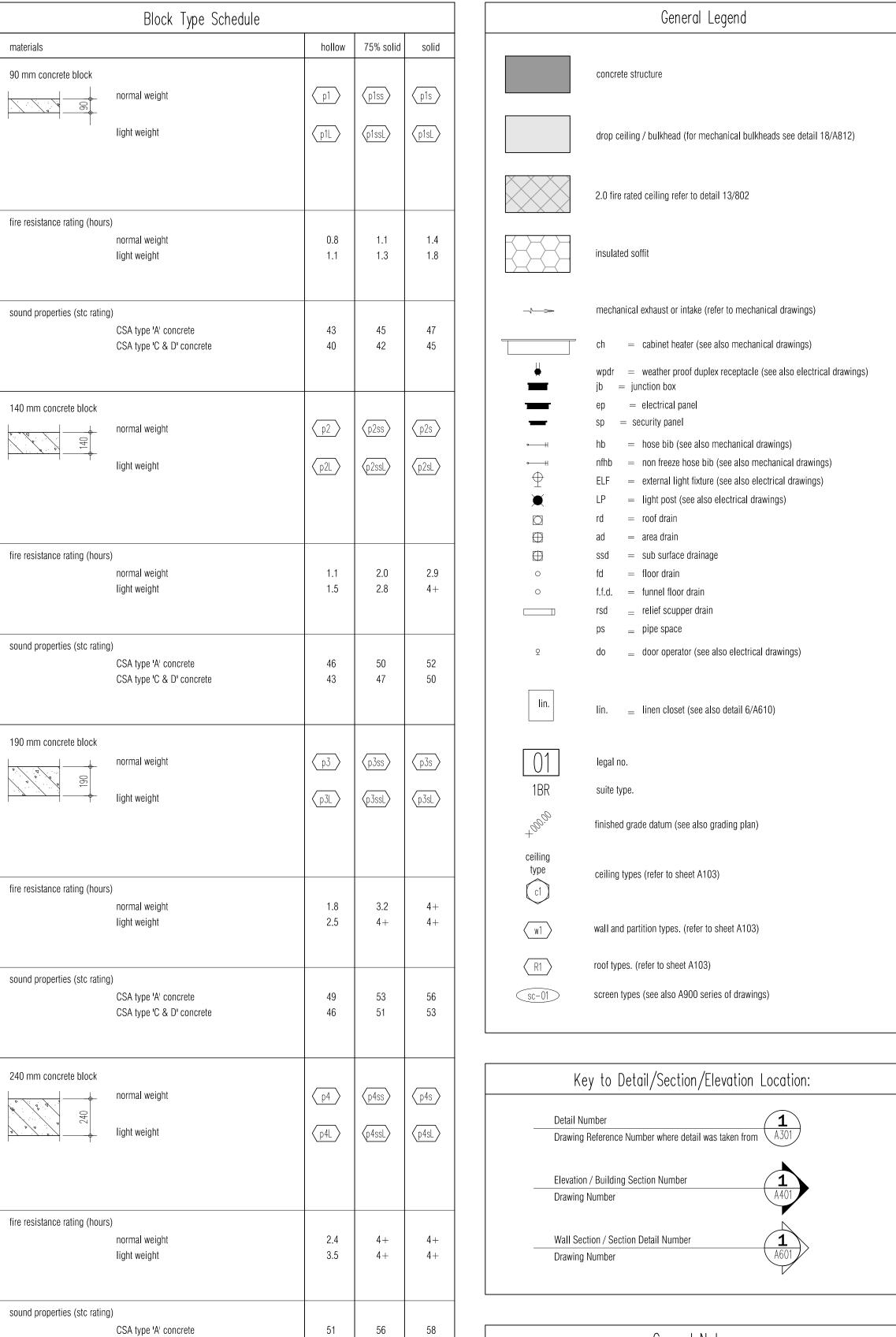
Distribution:

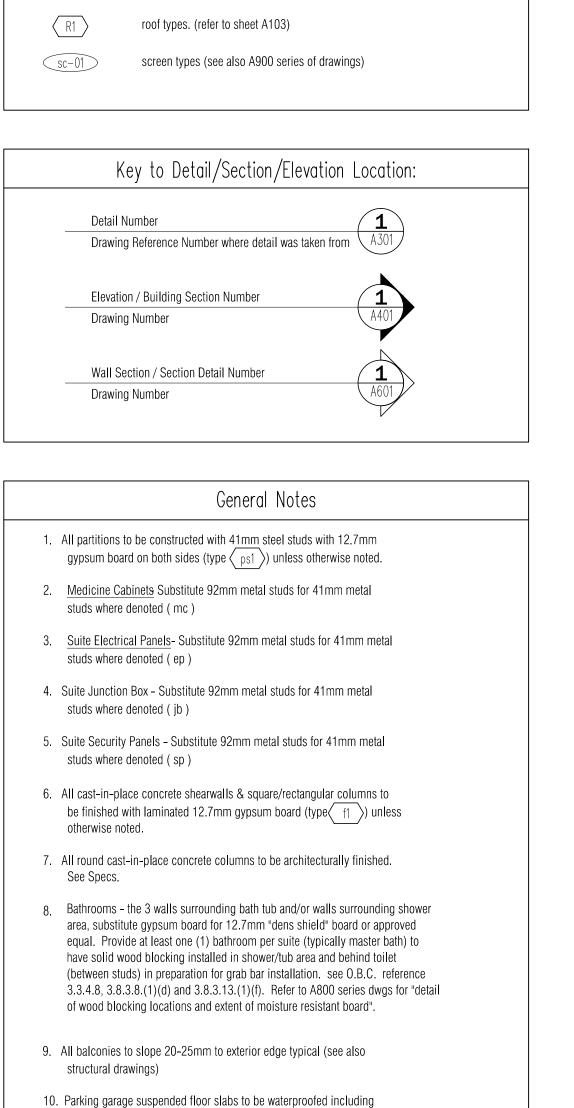
Royal Pine Homes Cinzia Caruso cinzia@royalpinehomes.com
Dineen Construction Dominic Salvati dsalvati@dineen.com
Dineen Construction Jeff Ellis jellis@dineen.com
Dineen Construction Eric Wright rwright@dineen.com

	Abbreviations  ad = area drain			Exterior Wall Schedule					Stud Partition Schedule			ementary 2006 4.A and	
	= area drain = adjustable	hmi = hollow metal insulated idd = interior design drawings		wall no.	materials  precast-concrete backup			wall no.	materials 12.7mm gypsum board		fire resistance rating	stc rating	
	= aluminium = anodized	If = external light fixture (see also electrical drawings)  lin. = linen closet (see also detail 6/A610)		<u>w1</u>	TYPE 1 125mm precast concrete panel	ППППППППППППППППППППППППППППППППППППП		(ps1)	41mm steel studs @ 400 o.c. 12.7mm gypsum board	3 3			
	= black matte finish	max = maximum	\   \   SI18		25mm space (may vary) 50mm at terrace parapets/100mm at shearwalls extruded semi-rigid styrofoam insulation	VOT		(ps1s)	12.7mm gypsum board 41mm steel studs @ 400 o.c.				
L	= centre or centreline = cabinet heater (see also mechanical drawings)	mc = medicine cabinet min = minimum	- 5110		struct, concrete wall (see struct, dwgs.)				38mm insulation 12.7mm gypsum board	<u> </u>			
cj :	= control joint	mm = milimeters		(w1A)	precast -frame backup TYPE 1	δ	}	(ps1g)	12.7mm gypsum board 41mm steel studs @ 400 o.c.	3 3 2			
	= corridor = canadian standard association	mp = metal panel mtl = metal	\		125mm precast concrete panel R22 sprayed foam insulation (air/vapour barrier) 92mm steel studs @600mm o.c.	755			12.7mm moisture resistant gypsum board (Dens Sheild or equal)	' '			
	<ul><li>complete with</li><li>degree</li></ul>	nfhb = non freeze hose bib (see also mechanical drawing:  No. = number	s)		25mm air space 12.7mm gypsum board		)	(ps1a)	12.7mm gypsum board 41mm steel studs @ 400 o.c. 12.7mm abuse resistant gypsum board	3 3 0			
	= drinking fountain	obc = ontario building code			precast-frame backup		)	(ps1c)	12.7mm gypsum board 41mm steel studs @ 400 o.c.				
DN :	= down = door operator	o.c. = on centre  pt = paint		(w1B)	125mm precast concrete panel TYPE 2-c/w thin brick in-lay, Colour 1				12.7mm gypsum board	3 3 02			
-	= drain pipe	rd = roof drain			TYPE 3-c/w thin brick in-lay, Colour 2 (metric Norman - 57mm x 290mm x 10mm) R22 spayed foam insulation/air vapour barrier	292	)	(ps2)	64mm steel studs @ 400 o.c. 12.7mm gypsum board	1 1 06			
dr elev.	= door = elevation	rm = room  rsd = relief scupper drain			92mm steel studs @600mm o.c. 25 mm air space			(ps2s)	12.7mm gypsum board 64mm steel studs @ 600 o.c.			04.1	
eq.	= equal = etcetera	rsi = R-value (thermal Resistance) international system  sc = solid core	+		12.7mm gypsum board				64mm insulation 12.7mm gypsum board	<u> </u>		34 stc (NRC)	
ext	= exterior	sp = spandrel panel		w1C \	precast-concrete/block backup	290		(ps2x)	15.9mm type 'x' gypsum board 64mm steel studs @ 600 o.c.	12 95	1.0h	35 stc (NRC)	
	= floor drain = funnel floor drain	ss = stainless steel  stc = sound transmission coefficient			TYPE 2-c/w thin brick in-lay, Colour 1 TYPE 3-c/w thin brick in-lay, Colour 2	952		(ps2x2)	15.9mm type 'x' gypsum board  2 x 12.7mm type 'x' gypsum board		2.0h	stc 38	
	= fixed glass	stor. = storage			(590mm x 190mm x 10mm at columns 390mm x 190mm x 10mm at ground floor)	vories		(DOZ.NZ)	64mm steel studs @ 600mm o.c. 2 x 12.7mm type 'x' gypsum board		2.011	(NRC)	
	= floor = frame	tg = tempered glass t.o. = top of	SI18	4	25mm space (may vary) 100mm extruded semi-rigid styrofoam insulation struct, concrete wall or conc. block wall-refer to dwgs.			(ps2sx)	15.9mm type 'x' gypsum board 64mm steel studs @ 600 o.c.	<u> </u>	1.0h	38 stc (NRC)	
	= foot or feet = gauge	t.o.c = top of concrete  typ. = typical	1	~					64mm batt insulation (RSI 1.7) 15.9mm type 'x' gypsum board			(NNO)	
gwg	= georgian wire glass	ulc = underwriters laboratories of canada		(w1D)	<u>precast-frame backup</u> 125 precast panel TYPE 4-C/W thin stone in-lay, Colour 3	590	)	(ps2g)	12.7mm gypsum board 64mm steel studs @ 400 o.c. 12.7mm moisture resistant gypsum board	] ] 6			
	<ul><li>hose bib (see also mechanical drawings)</li><li>hollow core (door-wood)</li></ul>	u.h. = unit heaters  w/ = with			390mm x 190mm x 10mm at ground floor R22sprayed foam insulation (air/vapour barrier) 92mm steel studs @600mm o.c.	592	)		(Dens Sheild or equal)	·			
	<ul><li>hollow metal</li><li>hollow metal frame</li></ul>	wpdr = weather proof duplex receptacle (see elect.dwg. to  wm = water meter w/access panel	00)		25mm air space 12.7mm gypsum board			(ps2a)	12.7mm gypsum board 64mm steel studs @ 400 o.c. 12.7mm abuse resistant gypsum board	3 3 96			
			_ \				$ \langle$	(ps2c)	12.7mm gypsum board 64mm steel studs @ 400 o.c.	7 7 96			
Ceiling Type Schedule			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		precast-concrete/block backup			(ps3)	12.7mm cement board 12.7mm gypsum board				
finish no.	material type: acoustical ceiling		`	VIE V	TYPE 4-c/w thin stone in-lay, Colour 3 (590mm x 190mm x 10mm at columns	390		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	92mm steel studs @ 400 o.c. 12.7mm gypsum board	150			
c1	150mm sound attenuation batt insulation metal suspension system c/w vibration isolators				25mm space (may vary) 100mm extruded semi-rigid styrofoam insulation	250		(ps3s)	12.7mm gypsum board 92mm steel studs @ 600 o.c. 89mm batt insulation			47 stc	
	12.7mm gypsum board (2 layers, staggered joints)				struct. concrete wall/conc. block wall-refer to strct. dwgs.				12.7mm gypsum board  ULC Design No. W407/415			(NRC)	
	metal suspension system 12.7mm gypsum board	<u></u>					-	⟨ps3x⟩	15.9mm type 'x' gypsum board 92mm steel studs @ 600 o.c.	125	1.0h	stc 38 (NRC)	
	(U/S OF MECH PENTHOUSE)  type: acoustical ceiling			(w1F)	precast-concrete backup/slab edge TYPE 4-C/W thin stone in-lay, Colour 3	590		(ps3x2)	15.9mm type 'x' gypsum board  2 x 12.7mm type 'x' gypsum board		2.0h		
<u>c2</u>	100mm semi-rigid acoustical insulation c/w vinyl face stick pinned to underside of slab (joints to be sealed) metal suspension system c/w vibration isolators (typ.)				(590mm x 190mm x 10mm at columns) 125 precast panel 25mm air space/may vary	125		(P00/kZ)	92mm steel studs @ 600mm o.c. 2 x 12.7mm type 'x' gypsum board		2.011		
~	12.7mm gypsum board (see also interior design dwgs. for finish material, detail:	s			structural concrete wall/slab edge (refer to struct. dwgs.)			<b>(</b> ps3sx <b>)</b>	ULC Design No. W409 15.9mm type 'x' gypsum board		1.0h	stc 49	
	and dimensions) (COMMON AREAS)				window wall vision				92mm steel studs @ 600 o.c. 89mm batt insulation 15.9mm type 'x' gypsum board	<u> </u>		(NRC)	
	type: acoustical ceiling			<u>w2</u>	window wall framing system insulated glazing unit			(ps3g)	12.7mm gypsum board 92mm steel studs @ 400 o.c.	7 7			
©2a	100mm semi-rigid acoustical insulation c/w vinyl face stick pinned to underside of slab (joints to be sealed) metal suspension system c/w vibration isolators (typ.)				window wall - frame backup	-1033-	_		12.7mm moisture resistant gypsum board (Dens Sheild or equal)				
Ť	acoustic ceiling tiles (see also interior design dwgs. for finish material, details	S & &		w2A >	window wall framing system spandrel glass panel			(ps3a)	12.7mm gypsum board 92mm steel studs @ 400 o.c.	1 1 00 1			
	and dimensions) (COMMON AREAS)				with 75mm mineral wool insulation (R12.6) metal liner backpan R12 sprayed foam insulation (air/vapour barrier)	592		70070	12.7mm abuse resistant gypsum board 12.7mm gypsum board				
	type: acoustical ceiling service space (air space)	<u> </u>			64/92mm metal stud @ 400 o.c. 12.7mm gypsum board	<del>  1                                 </del>		⟨ps3c⟩	92mm steel studs @ 400 o.c. 12.7mm cement board				
<u>c3</u>	150mm sound attenuation batt insulation metal suspension system c/w vibration isolators (typ.)						_	(ps4)	12.7mm gypsum board 152mm steel studs @ 400 o.c. 12.7mm gypsum board	7 7 08			
	12.7mm gypsum board (2 layers) staggered joints  (U/S MECHANICAL, GARBAGE MOVING ROOMS -	<u> </u>		(w2B)	curtain wall-vision insulated curtain wall glass panel system			(ps4s)	12.7mm gypsum board 152mm steel studs @ 600 o.c.				
	SEPARATION FROM RESIDENTIAL SUITES)				vision glass panel				150mm batt insulation 12.7mm gypsum board	2 2 2		stc 49 (NRC)	
c4	type: insulated ceiling 210mm batt insulation (R32, rsi 5.4), metal suspension system,				curtain wall-frame backup		-	(ps4x)	15.9mm type 'x' gypsum board 152mm steel studs @ 600 o.c.	185	1.0h		
	12.7mm gypsum board.  (PARKING GARAGE, MECHANICAL/ ELECTRICAL HEATE	-n		(w2C)	insulated curtain wall glass panel system (R20) spandrel glass panel mineral wool fibre insulation			(ps4x2)	15.9mm type 'x' gypsum board  2 x 12.7mm type 'x' gypsum board	DS4x2	0.01		
	SOFFITS)				metal liner back pan R12 sprayed foam insulation (air/vapour barrier)			(D3 1 A Z)	152mm steel studs @ 600mm o.c. 2 x 12.7mm type 'x' gypsum board	~	2.0h		
(a/a)	type: insulated ceiling 100mm semi-rigid insulation c/w vinyl face stick pinned to underside of slab (R17, rsi 3.04)				air space 92mm steel studs @ 600mm o.c. 12.7mm gypsum board			(ps4sx)	15.9mm type 'x' gypsum board 152mm steel studs @ 600 o.c. 150mm batt insulation	<b>AND</b> #	1.0h	stc 51	
(c4a)	(joints to be sealed)  (PARKING GARAGE, SOFFITS)			(w2D)	window wall - concrete backup		1		15.9mm type 'x' gypsum board			(NRC)	
	type: insulated ceiling		-		window wall framing system spandrel glass panel with 75mm mineral wool insulation (R12.6)			(ps4g)	12.7mm gypsum board 152mm steel studs @ 400 o.c. 12.7mm moisture resistant gypsum board	1 1 08			
c4b	150mm semi-rigid insulation with foil face stick pinned to underside of slab (R17, rsi 3.04) (joints to be sealed)				metal liner backpan structural concrete wall-refer to struct dwgs.	22		\( \sigma_1 \)	(Dens Sheild or equal) 12.7mm gypsum board				
	(PARKING GARAGE, SOFFITS, MECHANICAL)							(ps4a)	152mm steel studs @ 400 o.c. 12.7mm abuse resistant gypsum board	1 1 08			
	type: suspended ceiling system suspended acoustical ceiling tile system	<del> </del>					_	(ps4c)	12.7mm gypsum board 152mm steel studs @ 400 o.c.	1 7 7 08			
(c5)	(see also interior design dwgs.)  (RE-CIRCULATION FLOOR & CORRIDOR)								12.7mm cement board				
	type: suspended ceiling system	ф						(ps5)	12.7mm gypsum board 203mm steel studs @ 400 o.c. 12.7mm gypsum board	7 7 7 230			
<u>c6</u>	suspended ceiling system/metal stud framing (400 o.c. max spacing) 12.7mm gypsum board. (All dropped ceilings in								12.7mm gypsum board	<u> </u>			
	bathrooms - refer to A800 series dwgs)	<u> </u>						(ps5s)	203mm steel studs @ 600 o.c. 200mm batt insulation	2 2		stc 49 (NRC)	
<u> </u>	(RE-CIRCULATION FLOOR (SUITES)  type: ceiling system		_						12.7mm gypsum board				
<u>c6a</u>	metal stud framing (400 o.c. max spacing) 12.7mm gypsum board.	<u>Σ</u> Σ						(ps5x)	15.9mm type 'x' gypsum board 203mm steel studs @ 600 o.c. 15.9mm type 'x' gypsum board	7230	1.0h		
Fire-Resistance Rating for Ceiling Membranes			_ _						2 x 12.7mm type 'x' gypsum board				
Fire-Resistance Rating for Ceiling Membranes  1. 2x12.7mm type 'x' gypsum board  45 min. rating								(ps5x2)	2 x 12.7mm type 'x' gypsum board 203mm steel studs @ 600mm o.c. 2 x 12.7mm type 'x' gypsum board	- Iso	2.0h		
	5.9mm type 'x' gypsum board	1 hour rating						(ps5sx)	15.9mm type 'x' gypsum board 203mm steel studs @ 600 o.c.			oto E1	
(reference	- 2006 Supplementary Standard, SB-2, page 21, 2.3.12, ta	ble 2.3.12)							200mm batt insulation 15.9mm type 'x' gypsum board		1.0h	stc 51 (NRC)	
								General s	tud Partition Notes:	1.			
								1. substitute 12.7mm with 15.9mm type 'x' gypsum board to any stud partition					
								2. substitute 12.7mm with 2x12.7mm type 'x' gypsum board to any stud partition 2.0 hr					









mechanical rooms, moving rooms and garbage room(s). Refer to

11. Unless otherwise noted all concrete block partitions are to be  $\langle p2 \rangle$ 

12. Unless otherwise noted all concrete block surrounding 2 hour rated

13. Entire suite to have engineered hardwood flooring through out except

14. All bathroom drop ceilings to have 100mm batt insulation (suite only).

15. For all suite HRV exhaust ducts located in pipe space behind all bathroom vanities, provide 75mm batt insulation around duct (typ.)

if applicable to this project (see also mechanical drawings)

to be sheathed with 12.7mm moisture resistant board.

enclosures (stairs, elevator and mechanical services/equipment) are to

be  $\langle p2ss \rangle$  (140mm type normal 75% solid concrete block). See also

for: bedrooms to have carpet finish, and ceramic tile where indicated

16. All tub surrounds, shower walls and walls adjacent to sinks or other wet areas

perimeter of duct size as indicated.

on floor plans. (refer to features list)

Fire Separation Plans.

(140mm type normal hollow concrete block).

architectural specifications. For slab openings add 25mm around the

This drawing, as an instrument of service, is provided by and is the property of Graziani + Corazza Architects Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify Graziani + Corazza Architects Inc. of any variations from the supplied information Graziani + Corazza Architects Inc. is not responsible for the accuracy of survey, structural, mechanical, electrical, etc., engineering information shown on this drawing. Refer to the appropriate engineering drawings before proceeding with the work. Construction must conform to all applicable codes and requirements of the authorities having jurisdiction. Unless otherwise noted, no investigation has been undertaken or reported on by this office in regards to the environmental condition of this site.

This drawing is not to be used for construction purposes until countersigned by the

This drawing is not to be scaled. All architectural symbols indicated on this drawing are graphic representations only.

01. FEB.28.2014 issued to city for SPA

02. JUL.9.2014 re-issued to city for SPA

03. SEP.11.2014 re—issued to city for SPA

04. JAN.15.2015 re—issued to city for SPA

06. DEC.28.2016 issued for building permit

07. MAY.10.2017 re—issued for building permit

10. JULY.19.2017 Progress for Construction

11. AUG.09.2017 Issued for Construction

13. APR.04.2018 Re-Issued for Building Permit

12. OCT.25.2017 Revision to Envelope

08. MAY.10.2017 Issued for Footings and Foundation Permit B.G.

05. MAR.15.2015 issued for tender

02. APR.10.2018 SI16 R1 PARTY WALL PW6 REVISION BG 01. APR.04.2018 SI16 PARTY WALL PW6 CHANGE BG issued for revisions GRAZIANI

03. APR.13.2018 SI18 R1 SPRAY FOAM INSULATION BG

CORAZZA ARCHITECTS INC. 1320 Shawson Drive, Suite 100 Mississauga Ontario L4W 1C3 Phone. 905.795.2601 Fax.905.795.2844 www.gc—architects.com

PROPOSED RESIDENTIAL DEVELOPMENT

ROYAL PINES HOMES Project Architect: B.GRAZIANI Assistant Designer: R.LINCOLN Drawn By: G.COLANGELO/D.BIASE Checked By: Apr. 4, 2018

WALL SCHEDULE

1136.13

N.T.S. A 104

TITLEBLOCK SIZE: 915 x 1400