GRAZIANI + CORAZZA ARCHITECTS INC.

Site Instruction

SI 16 R1

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

PROJECT : Hampton Manor
PROJECT No : 1136.13
DATE : April 11, 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: Party wall PW6 Revision

A104 – Wall Schedule

- Revising party wall PW6 construction.

Reason: **Based on Client's Request**
References: **A104.**

GRAZIANI + CORAZZA
ARCHITECTS INC

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Abbreviations

ad	= area drain	hmi	= hollow metal insulated
adj	= adjustable	idd	= interior design drawings
alum	= aluminium	lf	= external light fixture (see also electrical drawings)
anod.	= anodized	lin.	= linen closet (see also detail 6/A610)
bmf	= black matte finish	max	= maximum
℄	= centre or centreline	mc	= medicine cabinet
ch	= cabinet heater (see also mechanical drawings)	min	= minimum
cj	= control joint	mm	= milimeters
corr	= corridor	mp	= metal panel
csa	= canadian standard association	mtl	= metal
c/w	= complete with	nfhb	= non freeze hose bib (see also mechanical drawings)
deg	= degree	No.	= number
df	= drinking fountain	obc	= ontario building code
DN	= down	o.c.	= on centre
do	= door operator	pt	= paint
d.p.	= drain pipe	rd	= roof drain
dr	= door	rm	= room
elev.	= elevation	rsd	= relief scupper drain
eq.	= equal	rsi	= R-value (thermal Resistance) international system
etc.	= etcetera	sc	= solid core
ext	= exterior	sp	= spandrel panel
fd	= floor drain	ss	= stainless steel
ffd	= funnel floor drain	stc	= sound transmission coefficient
fg	= fixed glass	stor.	= storage
fl	= floor	tg	= tempered glass
fr	= frame	t.o.	= top of
ft	= foot or feet	t.o.c	= top of concrete
ga	= gauge	typ.	= typical
gwg	= georgian wire glass	ulc	= underwriters laboratories of canada
hb	= hose bib (see also mechanical drawings)	u.h.	= unit heaters
hc	= hollow core (door-wood)	w/	= with
hm	= hollow metal	wpdr	= weather proof duplex receptacle (see elect.dwg. too)
hmf	= hollow metal frame	wm	= water meter w/access panel

Ceiling Type Schedule

finish no.	material
c1	type: acoustical ceiling 150mm sound attenuation batt insulation metal suspension system c/w vibration isolators 12.7mm gypsum board (2 layers, staggered joints) metal suspension system 12.7mm gypsum board (U/S OF MECH PENTHOUSE)
c2	type: acoustical ceiling 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.) 12.7mm gypsum board (see also interior design dwgs. for finish material, details and dimensions) (COMMON AREAS)
c2a	type: acoustical ceiling 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.) acoustic ceiling tiles (see also interior design dwgs. for finish material, details and dimensions) (COMMON AREAS)
c3	type: acoustical ceiling service space (air space) 150mm sound attenuation batt insulation metal suspension system c/w vibration isolators (typ.) 12.7mm gypsum board (2 layers) staggered joints (U/S MECHANICAL, GARBAGE MOVING ROOMS - SEPARATION FROM RESIDENTIAL SUITES)
c4	type: insulated ceiling 210mm batt insulation (R32, rsi 5.4), metal suspension system, 12.7mm gypsum board. (PARKING GARAGE, MECHANICAL/ ELECTRICAL HEATED SOFFITS)
c4a	type: insulated ceiling 100mm semi-rigid insulation c/w vinyl face stick pinned to underside of slab (R17, rsi 3.04) (joints to be sealed) (PARKING GARAGE, SOFFITS)
c4b	type: insulated ceiling 150mm semi-rigid insulation with foil face stick pinned to underside of slab (R17, rsi 3.04) (joints to be sealed) (PARKING GARAGE, SOFFITS, MECHANICAL)
c5	type: suspended ceiling system suspended acoustical ceiling tile system (see also interior design dwgs.) (RE-CIRCULATION FLOOR & CORRIDOR)
c6	type: suspended ceiling system suspended ceiling system/metal stud framing (400 o.c. max spacing) 12.7mm gypsum board. (All dropped ceilings in bathrooms - refer to A800 series dwgs) (RE-CIRCULATION FLOOR (SUITES)
c6a	type: ceiling system metal stud framing (400 o.c. max spacing) 12.7mm gypsum board.

Fire-Resistance Rating for Ceiling Membranes

1.	2x12.7mm type 'x' gypsum board	45 min. rating
2.	2x15.9mm type 'x' gypsum board	1 hour rating

(reference - 2006 Supplementary Standard, SB-2, page 21, 2.3.12, table 2.3.12)

Exterior Wall Schedule

Stud Partition Schedule

O.B.C. supplementary guidelines 2006 Tables 2.3.4.A and

General stud Partition Notes:

1. substitute 12.7mm with 15.9mm type 'x' gypsum board to any stud partition — 1.5 hr
2. substitute 12.7mm with 2x12.7mm type 'X' gypsum board to any stud partition — 2.0 hr

Furring Type Schedule

General Furring Type Notes:

1. apply 2x12.7mm type 'X' gypsum board to any furring type (maximum stud spacing @ 400mm o.c.) for 1.5h fire separation.

(reference - 2006 Supplementary Standard, SB-2, page 16-17, table 2.3.4.A, table 2.3.4.C.)

Shaft Wall Schedule

wall no.	materials	fire resistance rating	stc rating
sw1	ULC Design No. W507 (shaftwall) 25mm gypsum board (shaft wall liner) 64mm C-H section steel studs @ 600mm O.C. 16mm type X gypsum board (2 layers)	2.0h	stc 39
sw2	ULC Design No. W507 (shaftwall) 25mm gypsum board (shaft wall liner) 102mm C-H section steel studs @ 600mm O.C. 16mm type X gypsum board (2 layers)	2.0h	stc 39
sw3	ULC Design No. W507 (shaftwall) 25mm gypsum board (shaft wall liner) 152mm C-H section steel studs @ 600mm O.C. 16mm type X gypsum board (2 layers)	2.0h	stc 39
sw4	GA FILE NO. WP 6800 (shaftwall) 25mm gypsum board (shaft wall liner) 64mm C-H section steel studs @ 600mm O.C. 16mm type X gypsum board	1.0h	stc 35

Party and Demising Corridor Wall Schedule

wall no.	materials	fire resistance rating	stc rating
pw1	ULC DESIGN NO. W453 (CORRIDOR WALL) 12.7mm type X gypsum board 92mm steel studs @ 600mm O.C. 89mm batt insulation 12.7mm type X gypsum board (2 layers)	1.0h	stc 52+ ref: NRC TL-92-411
pw1A	ULC DESIGN NO. W453 (CORRIDOR WALL)	2.0h	stc 55+ ref: NRC TL-93-040
pw1B	ULC DESIGN NO. W453 (CORRIDOR WALL)	1.0h	stc 52+ ref: Roxul RAL-TL95-195
pw1C	ULC DESIGN NO. W453 (CORRIDOR WALL)	1.0h	stc 50 ref: IIT research Inst. RAL-TL-89-157
pw2	ULC DESIGN NO. W453 (PARTY WALL)	1.0h	stc 50+ ref: IIT research Inst. RAL-TL-89-157
pw3	ULC DESIGN NO. W483 (PARTY WALL) UL DESIGN NO. U493 (PARTY WALL)	1.0h & 2.0h	stc 68/67 ref: NRC - B3481.8 or test number: (Georgia-Pacific) RAL TL 09-332
pw4	ULC DESIGN NO. W453 (PARTY WALL)	2.0h	stc 58+
pw5	ULC DESIGN NO. W453 (PARTY WALL)	2.0h	stc 60
pw6	ULC DESIGN NO. W453 (CORRIDOR WALL) 15.9mm type X gypsum board 92mm steel studs @ 600 o.c. 89mm fibreglass batt insulation (owens corning) 15.9mm type X gypsum board	1.0h	stc 52+ ref: Roxul RAL-TL95-195

Roof type Schedule

Block Type Schedule

wall no.	materials		hollow	75% solid	solid
p1	90 mm concrete block	normal weight	p1	p1ss	p1s
		light weight	p1L	p1ssL	p1sL
	fire resistance rating (hours)	normal weight	0.8	1.1	1.4
		light weight	1.1	1.3	1.8
	sound properties (stc rating)	CSA type 'A' concrete	43	45	47
		CSA type 'C & D' concrete	40	42	45
p2	140 mm concrete block	normal weight	p2	p2ss	p2s
		light weight	p2L	p2ssL	p2sL
	fire resistance rating (hours)	normal weight	1.1	2.0	2.9
		light weight	1.5	2.8	4+
	sound properties (stc rating)	CSA type 'A' concrete	46	50	52
		CSA type 'C & D' concrete	43	47	50
p3	190 mm concrete block	normal weight	p3	p3ss	p3s
		light weight	p3L	p3ssL	p3sL
	fire resistance rating (hours)	normal weight	1.8	3.2	4+
		light weight	2.5	4+	4+
	sound properties (stc rating)	CSA type 'A' concrete	49	53	56
		CSA type 'C & D' concrete	46	51	53
p4	240 mm concrete block	normal weight	p4	p4ss	p4s
		light weight	p4L	p4ssL	p4sL
	fire resistance rating (hours)	normal weight	2.4	4+	4+
		light weight	3.5	4+	4+
	sound properties (stc rating)	CSA type 'A' concrete	51	56	58
		CSA type 'C & D' concrete	49	53	56
p5	290 mm concrete block	normal weight	p5	p5ss	p5s
		light weight	p5L	p5ssL	p5sL
	fire resistance rating (hours)	normal weight	3.2	4+	4+
		light weight	4+	4+	4+
	sound properties (stc rating)	CSA type 'A' concrete	53	58	58
		CSA type 'C & D' concrete	50	56	58

Fire-Resistance Rating for Masonry and Concrete Walls - loadbearing and non-loadbearing

type of wall (mm)	fire resistance rating						
	30min.	45min.	1 hour	1.5 hour	2.0 hour	3.0 hour	4.0 hour
solid brick units (80% solid and over)	63	76	90	108	128	152	178
cored brick units and hollow tile units (less than 80% solid)	50	60	72	86	102	122	142
solid and hollow concrete masonry units							
type S or N concrete	44	59	73	95	113	142	167
type $L_1$20S concrete	42	54	66	87	102	129	152
type L_1concrete	42	54	64	82	97	122	143
type $L_2$20S concrete	42	54	64	81	94	116	134
type L_2concrete	42	54	63	79	91	111	127
solid and hollow concrete masonry units							
type S concrete	60	77	90	112	130	158	180
type N concrete	59	74	87	108	124	150	171
type L40S or Type L concrete	49	62	72	89	103	124	140

Hollow concrete masonry units made with Type S or N concrete shall have a minimum compressive strength of 15MPa based on net area, as defined in CSA A165.1, "Concrete Block Masonry Units".

(reference - 2006 Supplementary Standard, SB-2, page 10-11, 2.1, table 2.1.1.)

General Legend

- concrete structure
- drop ceiling / bulkhead (for mechanical bulkheads see detail 18/A812)
- 2.0 fire rated ceiling refer to detail 13/802
- insulated soffit
- mechanical exhaust or intake (refer to mechanical drawings)
- ch = cabinet heater (see also mechanical drawings)
- wpdr = weather proof duplex receptacle (see also electrical drawings)
- jb = junction box
- ep = electrical panel
- sp = security panel
- hb = hose bib (see also mechanical drawings)
- nfhb = non freeze hose bib (see also mechanical drawings)
- ELF = external light fixture (see also electrical drawings)
- LP = light post (see also electrical drawings)
- rd = roof drain
- ad = area drain
- ssd = sub surface drainage
- fd = floor drain
- f.f.d. = funnel floor drain
- rsd = relief scupper drain
- ps = pipe space
- do = door operator (see also electrical drawings)
- lin. = linen closet (see also detail 6/A610)
- 01 — legal no.
- 1BR — suite type.
- +000.00 — finished grade datum (see also grading plan)
- ceiling type c1 — ceiling types (refer to sheet A103)
- w1 — wall and partition types. (refer to sheet A103)
- R1 — roof types. (refer to sheet A103)
- sc-01 — screen types (see also A900 series of drawings)

Key to Detail/Section/Elevation Location:

- Detail Number / Drawing Reference Number where detail was taken from (1 / A301)
- Elevation / Building Section Number / Drawing Number (1 / A401)
- Wall Section / Section Detail Number / Drawing Number (1 / A601)

General Notes

1. All partitions to be constructed with 41mm steel studs with 12.7mm gypsum board on both sides (type ps1) unless otherwise noted.
2. Medicine Cabinets Substitute 92mm metal studs for 41mm metal studs where denoted (mc)
3. Suite Electrical Panels- Substitute 92mm metal studs for 41mm metal studs where denoted (ep)
4. Suite Junction Box - Substitute 92mm metal studs for 41mm metal studs where denoted (jb)
5. Suite Security Panels - Substitute 92mm metal studs for 41mm metal studs where denoted (sp)
6. All cast-in-place concrete shearwalls & square/rectangular columns to be finished with laminated 12.7mm gypsum board (type f1) unless otherwise noted.
7. All round cast-in-place concrete columns to be architecturally finished. See Specs.
8. Bathrooms - the 3 walls surrounding bath tub and/or walls surrounding shower area, substitute gypsum board for 12.7mm "dens shield" board or approved equal. Provide at least one (1) bathroom per suite (typically master bath) to have solid wood blocking installed in shower/tub area and behind toilet (between studs) in preparation for grab bar installation. see O.B.C. reference 3.3.4.8, 3.8.3.8.(1)(d) and 3.8.3.13.(1)(f). Refer to A800 series dwgs for "detail of wood blocking locations and extent of moisture resistant board".
9. All balconies to slope 20-25mm to exterior edge typical (see also structural drawings)
10. Parking garage suspended floor slabs to be waterproofed including mechanical rooms, moving rooms and garbage room(s). Refer to architectural specifications. For slab openings add 25mm around the perimeter of duct size as indicated.
11. Unless otherwise noted all concrete block partitions are to be p2 (140mm type normal hollow concrete block).
12. Unless otherwise noted all concrete block surrounding 2 hour rated enclosures (stairs, elevator and mechanical services/equipment) are to be p2ss (140mm type normal 75% solid concrete block). See also Fire Separation Plans.
13. Entire suite to have engineered hardwood flooring through out except for: bedrooms to have carpet finish, and ceramic tile where indicated on floor plans. (refer to features list)
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)
16. All tub surrounds, shower walls and walls adjacent to sinks or other wet areas to be sheathed with 12.7mm moisture resistant board.

01.	FEB.28.2014	issued to city for SPA	B.G.
02.	JUL.9.2014	re-issued to city for SPA	B.G.
03.	SEP.11.2014	re-issued to city for SPA	B.G.
04.	JAN.15.2015	re-issued to city for SPA	B.G.
05.	MAR.15.2015	issued for tender	B.G.
06.	DEC.28.2016	issued for building permit	B.G.
07.	MAY.10.2017	re-issued for building permit	B.G.
08.	MAY.10.2017	Issued for Footings and Foundation Permit	B.G.
10.	JULY.19.2017	Progress for Construction	B.G.
11.	AUG.09.2017	Issued for Construction	B.G.
12.	OCT.25.2017	Revision to Envelope	B.G.
13.	APR.04.2018	Re-Issued for Building Permit	B.G.

02.	APR.10.2018	SI16 R1 PARTY WALL PW6 REVISION	BG
01.	APR.04.2018	SI16 PARTY WALL PW6 CHANGE	BG

issued for revisions

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PROPOSED RESIDENTIAL DEVELOPMENT

25 BAKER HILL BLVD.

ROYAL PINES HOMES
STOUFFVILLE ONTARIO

Project Architect:	B.GRAZIANI
Assistant Designer:	R.LINCOLN
Drawn By:	S.G.
Checked By:	G.COLANGELO/D.BIASE
Plot Date:	Apr. 4, 2018
Job #	1136.13

WALL SCHEDULE

N.T.S. A104

TITLEBLOCK SIZE: 915 x 1400