

ADDENDUM NUMBER: ONE

ISSUED BY: RCMP
5600 11th Ave., Regina, SK. S4P 3J7

PROJECT: CONSTRUCT A DUPLEX
SANDY BAY, SASKATCHEWAN

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications dated 2016-12-21, previous Addenda if applicable and as noted below. This Addendum consists of 6 pages.

Ensure that all parties are aware of all items included in this Addendum.

The following revised or additional Specification Sections accompany and form an integral part of this Addendum:

Section No.	Title	Pages	Date of Issue
32 92 20	SEEDING	2	2018-01-22

The following revised or additional Drawings accompany and form an integral part of this Addendum:

Drawing No.	Title	Pages	Date of Issue
	N/A		

A-1-1 REF. SECTION 01 11 00 – SUMMARY OF WORK

1. Revise 1.01.1 to read as: “Work of this Contract comprises general construction of an approximately 1245 square foot, two story residential duplex, located at Sandy Bay Avenue, Sandy Bay SK Lot 18, Block 19, Plan 95PA02385”

A-1-2 REF. SECTION 01 29 00 – PAYMENT PROCEDURES

1. Delete section in its entirety.

A-1-3 REF. SECTION 01 78 00 – CLOSEOUT SUBMITTALS

1. Revise 1.04.2 to read as: “Two weeks prior to substantial performance of the Work, submit to the Departmental Representative, two (2) bound hardcopies and one (1) PDF copy on DVD or CD of the operating and maintenance manuals in English.”

A-1-4 REF. SECTION 12 21 24 – ROLLER SHADE SYSTEM

1. Delete: 2.02 Materials and Fabrication

2. Add: 2.02: "Supply and install room darkening roller blinds on all windows. Acceptable product is Value Vinyl Blackout Roller Shades by SelectBlinds.ca or approved equal"
3. Delete 3.01.5 "Blinds shall overlap the window trim."

A-1-5 REF. SECTION 23 54 00 – HEATING AND VENTILATION

4. Add: 2.3: Install a CSA approved fume hood for the kitchen range, complete with charcoal filter, aluminum-mesh filter and light. Colour – White. Acceptable product is Broan QS230WWN or approved equal.

A-1-6 REF. SECTION 32 91 21 – TOPSOIL AND FINISH GRADING

1. Add: 3.08 **FERTILIZER**
 - .1 Apply fertilizer at least 6 days before seeding or planting.
 - .2 Spread fertilizer uniformly with mechanical spreaders at rate determined on basis of soil Tests.
 - .3 Incorporate fertilizer thoroughly into upper 50 mm of growing media.

A-1-7 REF. SECTION 32 92 23 – SODDING

1. Delete section in its entirety. Replace with Section 32 92 20 SEEDING.

Questions and Answers:

Q1 – Would you please ask if #27,500 lb. teleposts will be suitable for this project? This is the rated post that my supplier has for this job?

A1 – *See Drawing A-3a. A minimum capacity of 28,500lb is to be installed.*

Q2– Cast in place concrete pours Sec 03 300 00 .09 - Does the owner provide a representative to test all concrete pours and if so who is responsible for the costs?

A2 – *Refer to specification section 03 30 00 1.1.1*

Q3– Concrete reinforcing Sec 03 200 00, 1.04.3 - This section states: submit drawing stamped and signed by professional engineer however the drawings provided are already stamped by an engineer, please clarify?

A3 – *As per specification section 03 20 00 1.04.3 concrete reinforcing, shop drawings submitted must be stamped by a professional engineer.*

Q4 - Regarding flooring the Manington Aurora Canyon Ridge # 41223 sheet vinyl is no longer available, can you please provide alternative?

A4 – *There will be no sheet vinyl required for this project. Refer to Addendum #1 Question #8 for flooring requirements.*

Q5 - Regarding flooring the Moduleo Classic Oak # 24844 is no longer available, can you provide alternative?

A5 – *For bidding purposes, please use Moduleo Classic Oak #24837. Refer to Specification Section 09 65 16. Submit product sample for approval.*

Q6 - Does the owner have a surveyed site plan, if not and if we are not able to locate site pins who is responsible for having the lot surveyed?

A6 – *No formal electronic or hardcopy survey document available. Final survey by contractor.*

Q7 - The shed drawing shows little detail, can we obtain a detailed drawing showing more detail outlining framing, sheeting, roofing, siding materials etc. to be used?

A7 – *Construct wooden storage shed approximately 2400 x 3000 on concrete pad. Gable roof design, 38 x 89mm framing members at 600 o.c. 10mm exterior grade plywood sheathing. Inside head clearance to be 2420mm. Gable ends to have weather proof louvered plastic vent, screened on inside. Roof shall extend a minimum of 100mm past wall at eave and gable ends and be finished with metal soffits and fascia. Exterior siding shall be same as house. Shingles shall be same as house. Door to be outswing, residential standard, metal in pre-hung frame c/w brickmould and sill, weatherstripped, 1 1/2 pair butt hinges, heavy duty check chain, and lockset keyed alike to residence.*

Q8 - In Sec 09 62 19.11 (Laminate Flooring) it states the laminate will be installed in the living room, hallways and bedrooms however under Sec 09 65 16 (Resilient Sheet Flooring) it states the sheet flooring will be installed in the living room, hallways, bedrooms, kitchen and dining room. Please clarify?

A8 – *To further clarify, there is no laminate or sheet vinyl required for this project. Moduleo Classic Oak #24837 Vinyl plank is to be installed throughout the main and second floor. Stairs from main to second floor to be vinyl plank. Stairs to basement to be painted.*

Q9 - Please provide specifications on what type of soil needs to be used for the parking stalls?

A9 – *The parking stalls are to be crushed rock. Refer to specification section 32 15 40 for requirements.*

Q10 - Who supplies the propane tank?

A10 – *Propane tank is supplied by the owner. Refer to Specification Section 23 54 00 clause 2.1 for complete scope of work for heating system. .*

Q11 - Regarding Chain Link Fencing and gates, there is no diagram showing where the fencing is to be installed all it states is to follow property lines however we need clarification as to where exactly the fencing is going and where the gates are to be placed along with dimensions.

A11 – *To clarify, a 1.2m high chain link fencing is to installed around the backyard only. To further clarify, a 0.9 m wide pedestrian gate to be installed on the north east corner of the residence centered between the house and the property line. It will be expected that the fence will return back to the house at the NW corner of the residence.*

Q12 - Would an RTM duplex constructed off-site to the supplied drawings/specifications, transported to site and craned onto foundation be acceptable?

A12 – *A duplex constructed as an RTM will not be entertained.*

Q13 - Neither, the drawings or specs say what height the fence and the size and quantity of any gates. Can you clarify what is needed please?

A13 – *Refer to Addendum #1 Question 11*

Q14 - I just wanted to confirm the extent of painting. Only paint note I can see on the drawings is for the exterior wood columns. What other items are to be painted on the exterior and interior of the building?

A14 – *Refer to specification section 09 91 13 for extents of interior painting. No exterior painting is required. Delete note “Painted wood column” from Drawing A-1. All Pressure treated wood to be left unpainted.*

Q15 - With the 24 hour security. Does the RCMP provide a security service? if so what is their rates. Since their is a RCMP detachment up in sandy bay their would be a beneficial cost savings if we could hire someone from the area or from the RCMP to do the task of security of the site after working hours & holidays.

1.08 SECURITY

.1 Provide and pay for responsible security personnel to guard site and contents of site after working hours and during holidays as required.

A15 – *Reference Section 01 14 00 1.05.1. To clarify, while under construction, the site boundaries are in the General Contractor’s full control and as such the contractor is responsible for all aspects of the site including security, safety, etc.*

Q16 - Can you provide a mechanical drawing for this project?

A16 – *A mechanical drawing will not be provided.*

Q17 - The main heat trunk lines will be a min 10 inches deep which will leave approx. 7 ft headroom or less once they are boxed in, this will be the case for the basement and main level.

Is that acceptable or will the wall heights need to be adjusted to ensure a full 8 ft head clearance for the basement and main floor?

A17 – The intent was to utilize the truss space provided by the open web wood joists as much as possible, minimizing the need for bulkheads. Coordination of all ductwork will be finalised through the shop drawing process.

Q18 - Where are the current water/sewer services? Along the roadway? Property edge? And how deep would they be?

A18 – Existing sewer and water lines are located on Sandy Bay Avenue. Exact depth and location are unknown at this time. There are existing overhead SaskPower lines which also run adjacent the proposed site.

Q19 - 31 00 00.01/3.05/.3/.1 speaks to 5" drainage layer compacted and then covered with a 6mil poly for excavations under slabs on grade. BUT 31 23 33 .01/3.09/.3 speaks to using 5" of Type 1 fill (A-Base) under concrete slabs.

A19 – 31 00 00.3.05.3 is to be utilized when constructing concrete slabs on the interior of the building. 31 23 33.3.09.1 is to be utilized when constructing exterior concrete slabs.

Q20 - 33 46 13.01/2.01/.5 says geotextile filter fabric. Are we covering the pipe and drainage rock with this fabric or is this speaking to the sock wrapped around the perforated weeping tile? No specs for the filter fabric, but it can be ordered as a standard filter fabric in a 6' wide roll if needed.

A20 – Geotextile filter fabric to be installed around the weeping tile.

Q21 - Would like better clarification on the parking spots. 32 15 40/3.01 & 3.02

3.01 says min 4" thick, I thought I saw somewhere else 8" thick?

Also, I assume the 3/4" minus in the spec would be intended to be a limestone or granite driveway material versus a 3/4" base for packing under the concrete pads.

3.02 speaks of an edging. I do not see an edging spec or type anywhere.

A21 – Granular base to be 100mm thick. Our expectation is basic crushed rock (not crushed base) 19mil minus. No edging is required. Refer to specification section 32 15 40.

Q22 - Topsoil, chances of finding anything worth keeping on site for use is slim to none for the area. I assume all topsoil can be new supply?

A22 – Refer to specification section 32 91 19 for requirements.

Q23 - Who is responsible for providing and paying for lab tests on the fill types, gravels, native backfill materials from the excavation, topsoil, sod etc? And same for doing compaction testing of the compacted materials installed?

A23 – Reference Section 31 22 13 Rough Grading, clause 3.04 testing.

.1 Revise to read "Inspection and testing of soil compaction will be carried out by testing laboratory designated by ULC. Costs of tests will be paid for by the contractor"

Q24 - Sod warranty, I would install it late fall once the building is completed, snow will hit it and cause it to lay dormant. Are we to price in trips up to Sandy Bay in the spring to do weekly watering and cutting until the 1 year anniversary from the start of the job is complete or will the owner handle watering and cutting? It's virtually impossible to warranty sod when you can't control the watering being so far away.

A24 – See Addendum #1 item A-1-7 Landscaping in fenced area of back yard to be seeded and fertilized.

Q25 - I am attaching a scan from McKeen's Trucking with a fresh sieve analysis done today on their materials in their yard. Please review and let me know if the materials will be acceptable candidates/substitutes for what is required. Anyone doing this job will be calling McKeen's for the materials as they are the only supplier in the region. In the order they appear in the scanned document, here are the trade names compared to what the tender calls them.

- 1) Crushed Surface Rock (3/4" minus granite); 32 15 40/2.01/.3 Granular base
- 2) 3/4" to 1/8" drainage chips; 33 46 13.01/2.01/.2 Fine filter aggregate
- 3) 1.5" surface chips (granite); 31 00 00.01/3.05/.3/.1 125 mm granular drainage layer
- 4) C-Base (Should be called A-Base); 31 23 33.01/2.01/.3 Type 1 material

A25 – Soil testing will be reviewed upon award of contract.

Q26 - I am looking through the specifications and can not find reference to the electrical service and how it should be constructed. My question is if there is supposed to be two meters? Also wondering about the sub panel in the basement, what is its purpose?

A26 – See specification section 26 24 17 clause 2.1 for service type. See drawing A-9 for electrical panel locations.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

END OF ADDENDUM NO. 2

Part 1 General**1.1 WORK INCLUDED**

- .1 Seed and application of seed.

1.2 RELATED WORK

- .1 Section 32 91 19 – Topsoil & Finish Grading

1.3 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 11 - Construction Waste Management and Disposal.

Part 2 Products**2.1 MATERIALS**

- .1 Grass seed: Certified Canada No. 1 Grade to Government of Canada Seeds Regulations and having minimum germination of 75% and minimum purity of 97%.

2.2 SEED MIX (by weight)

- 30% Canada blue var. Reubens or Canon
- 30% Creeping red fescue (*Festuca. rubra*) Var: Aberdeen, Jasper 2,
- 20% Hard fescue (*Festuca duriscul*) Var. Spartan, Aurora
- 15% Nakiska sheeps fescue (*Festuca ovina*)
- 5% Annual Rye, Oats or Barley

Seed at a rate of 2.2 kg/100 m²

2.3 HYDRO-MULCH

- .1 All seeded areas are to be hydro-mulched.
- .2 Hydro-mulch:
 - .1 Straw: oat, barley, alfalfa or wheat straw, reasonably free from weeds and foreign matter detrimental to plant life.
 - .2 Fibre: wood or wood cellulose fibre free of germination or growth-inhibiting ingredients and forming blotter like ground cover allowing absorption and percolation of water.
 - .3 Tackifier: plant derived hydrocolloid polysaccharide (guar), organic psyllium fiber, or water dilatable liquid dispersion containing thermoplastic resin.

Part 3 Execution**3.1 SEEDING**

- .1 Provide seed mix tag to consultant for review prior to start of seeding preparation.

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- .2 Areas to be seeded shall be harrowed once with a landscape harrow to a maximum depth of 50 mm.
 - .3 Fertilize: Section 32 91 21
 - .4 Seed shall be evenly applied with an approved mechanical seeder. Seeding shall be done in two operations at right angles to one another.
 - .5 Sow during calm weather (winds less than 10 km/h), using equipment suitable for area involved. Sow half of required amount of seed in one direction and remainder at right angles. Incorporate seed into soil to a maximum depth of 13 mm simultaneously or within one hour after seeding operation. Mix carefully with light chain harrow or wire rakes.
 - .6 Water with fine spray, avoiding washing out of seed. Apply enough water to ensure penetration of minimum 50 mm.
 - .7 Protect seeded areas against damage. Maintain protection until acceptance of seeded areas.
 - .8 Reseed at 2 week intervals where germination has failed.
- 3.2 HYDRO-MULCH**
- .1 Confirm hydro-mulch mix and application methods with Consultant prior to application.
 - .2 After grading and seeding are completed apply hydro-mulch per manufacturer's recommendations.
- 3.3 ESTABLISHMENT**
- .1 Keep soil moist during germination period and adequately water seeded areas until accepted by Consultant.
 - .2 Apply water to ensure moisture penetration of 50 to 100 mm. Control watering to prevent wash-outs.
 - .3 Be responsible for protection of seeded areas, including installation of temporary barriers if necessary.
 - .4 Cut grass when it reaches height of 75mm, and cut to a height of 50mm. Evenly distribute (do not remove) clippings which exceed 10 mm in depth.
 - .5 Maintain grassed areas free of weeds and disease.
- 3.4 ACCEPTANCE**
- .1 Seeded areas will be accepted provided that:
 - .1 Seeded areas are properly established and true to grade.
 - .2 Turf is free of eroded, bare, or dead spots and 90 - 95% free of weeds.
 - .3 No surface soil is visible when grass has been cut to height of 65 mm.
 - .4 Seeded areas have been cut at least twice, the last cut being carried out within 24 hours of acceptance.
 - .2 Areas seeded in fall will be accepted in the following spring one month after start of growing season provided acceptance conditions are fulfilled.

END OF SECTION