

- LEGEND:**
- #
A# A# ELEVATION NUMBER, FROM PAGE, FOUND ON
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A# A# SECTION NUMBER, FROM PAGE, FOUND ON
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A# A# DETAIL NUMBER, FROM PAGE, FOUND ON

- EXISTING TYP. BARN ROOF CONST.**
- CEDAR SHINGLES
 - 25mm BOARD SHEATHING
 - 75x150mm RAFTERS @ 900mm O.C.

150 X 150 END MEMBERS
FLUSH WITH SHEATHING

- EXISTING TYP. LOFT CONST.**
- PEELED LOGS
 - 100x200mm WOOD PURLINS
 - 200x200mm BENT GIRT

- EXISTING CATTLE BARN FLOOR CONST.**
- 50mm FLOOR PLANKS
 - 100x200mm FLOOR JOISTS
 - 200x250mm BENT GIRDER
 - R20 BATT INSULATION
 - 6mm POLY VAPOUR BARRIER
 - 38x89 STRAPPING @ 400mm O.C.
 - 15mm TYPE 'X' GYPSUM BOARD

- EXISTING SLAB CONST.**
- FINISH FLOOR
 - 100mm CONC. SLAB
 - C/W 150x150x25 W/M
 - 6mm POLY VAPOUR BARRIER
 - 38mm RIGID INSULATION
 - 50mm TYPE 4 BEDDED SAND
 - 150mm TYPE 1 COMPACTED FILL
 - UNDISTURBED SOIL OR COMPACTED 3 FILL

- EXISTING WALL CONST.**
- 15mm GYPSUM BOARD
 - 6mm POLY VAPOUR BARRIER
 - R12 BATT INSULATION
 - 38x89mm WOOD STUDS @ 400mm O.C.
 - 12mm AIR SPACE
 - 300mm FOUNDATION WALL

- SLAB CONSTRUCTION**
- CONCRETE SLAB ON GRADE
 - VAPOUR BARRIER
 - 50mm SAND
 - 38mm INSULATION
 - 6" GRANULAR FILL

SECTION

SCALE : 1:20



B
A03 A09

ROOFING SYSTEM NO. 2
SEE A05

23.476m T.O. ROOF STRUCTURE

19.149m T.O. BEAM

17.42m

14.95m FINISH FLOOR

12.28m T.O. SLAB

ROOFING SYSTEM NO. 2
SEE A05

23.476m T.O. ROOF STRUCTURE

19.149m T.O. BEAM

17.42m

14.95m FINISH FLOOR

12.28m T.O. SLAB

- EXTERIOR WALL TYPE NO 2**
- EASTERN WHITE CEDAR SHINGLES
 - DRAINAGE PLAIN
 - AIR-BARRIER
 - SIP-STRUCTURAL INSULATED PANEL
 - VAPOUR RETARDER INTEGRAL WITH PANEL
 - 19x89mm STRAPPING
 - 19x140mm BOARDS

- 3/4 HOUR RATED FLOOR ASSEMBLY**
- 19 mm T&G WOOD FLOORING
 - 6 mm SUB-FLOORING
 - 16 mm PLYWOOD
 - FLOOR TRUSSES
 - 89mm SOUND ATTENUATION BLANKET
 - RESILIENT CHANNELS AT 400mm O.C.
 - ONE LAYER OF 16mm FIRECODE C GYPSUM BOARD

- CEMENT BOARD OVER 38mm RIGID INSULATION TO BELOW GRADE LEVEL**

- EXTERIOR WALL TYPE NO 1**
- 15mm GYPSUM BOARD
 - 38x89mm O.C. LEAVE 25mm BETWEEN STUD AND FOUNDATION WALL
 - PROVIDE SILL GASKETS
 - R.S.I. 3.5 CLOSED CELL FOAM INSULATION
 - FOUNDATION WALL WATERPROOFING
 - 38mm RIGID INSULATION
 - 13mm PROTECTION BOARD

SECTION

SCALE : 1:20



C
A03 A09



2	ISSUED FOR TENDER	11.29.2016
1	100% SUBMISSION	11.23.2016
0	99% SUBMISSION	11.8.2016

project GREEN GABLES-PHASE 1 BARN EXPANSION AND RENOVATION

QUEENS CO., PEI

ARCHITECTURAL BUILDING AND WALL SECTIONS

designed KST conqcu

date NOV-2016

drown GJU dessin

date NOV-2016

approved approved

Tender PWGSC Project Manager / Administrateur de projets TPSC

project number R.081199.001

drawing no. A09 OF 12

no. du projet

E-DRM/GDD-E: 547193