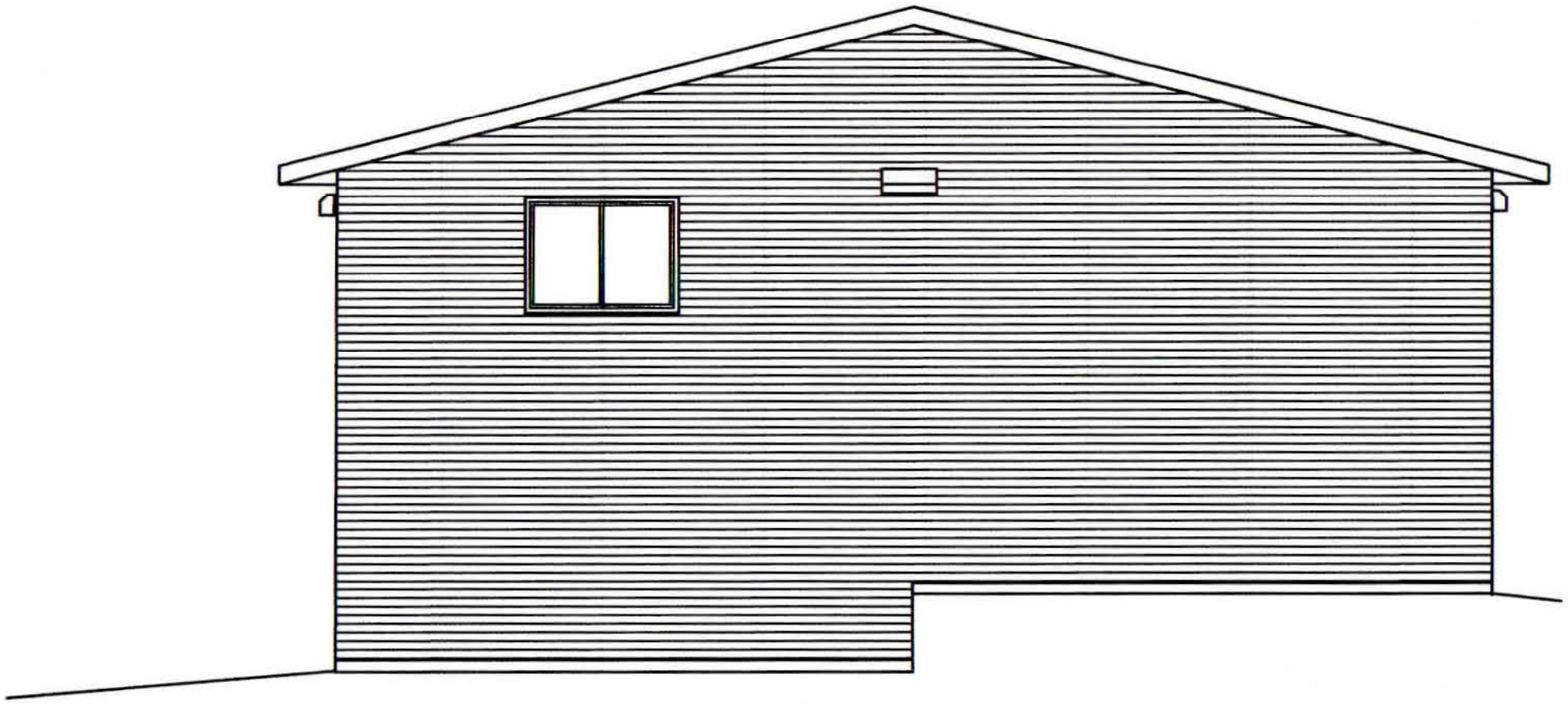
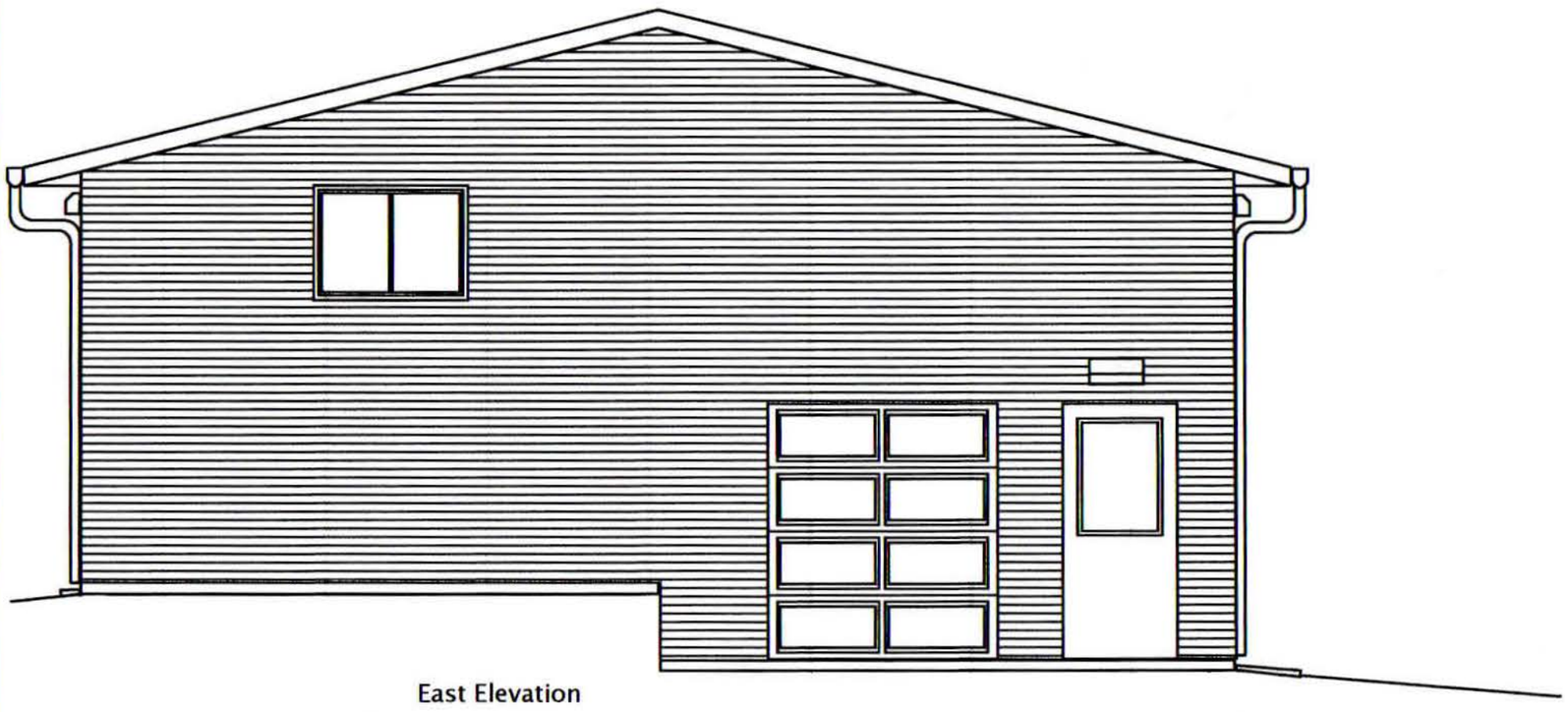


West Elevation



East Elevation

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L9P 1M9

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LICENSED PROFESSIONAL ENGINEER
COLLEEN E. ORR
PROVINCE OF ONTARIO

Customer

Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Revision	Date

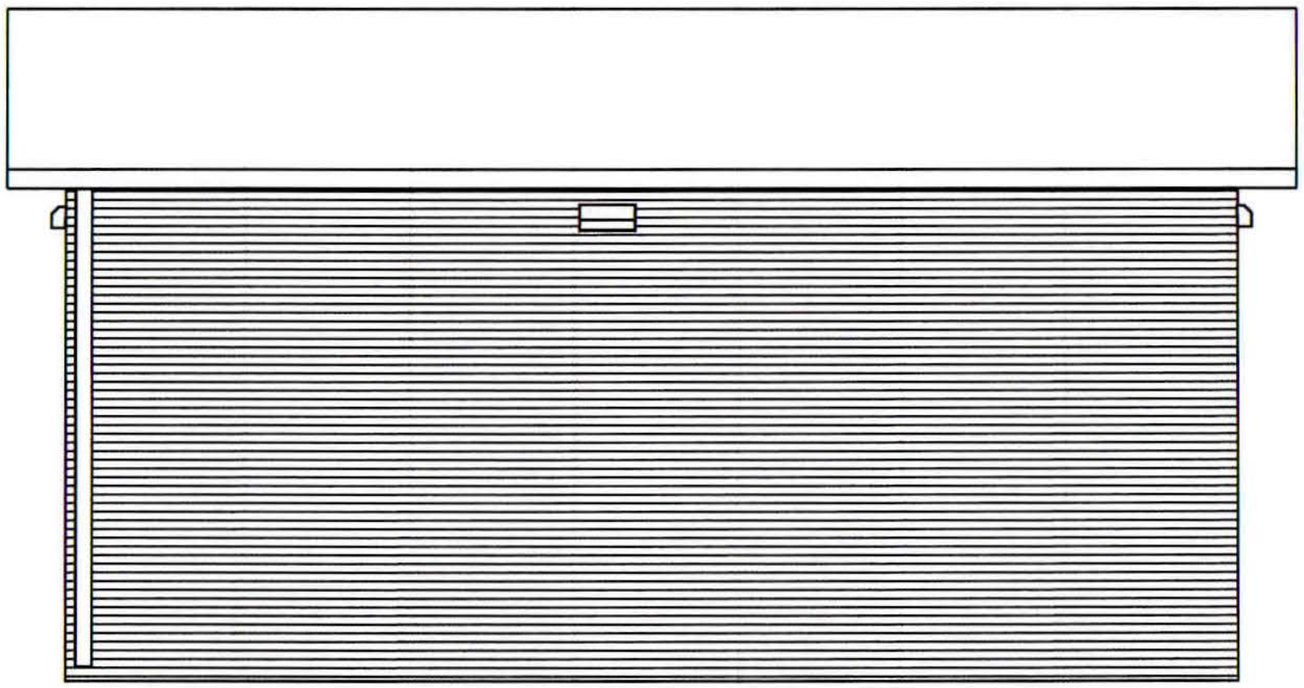
Project

New Storage Building

Drawing Name

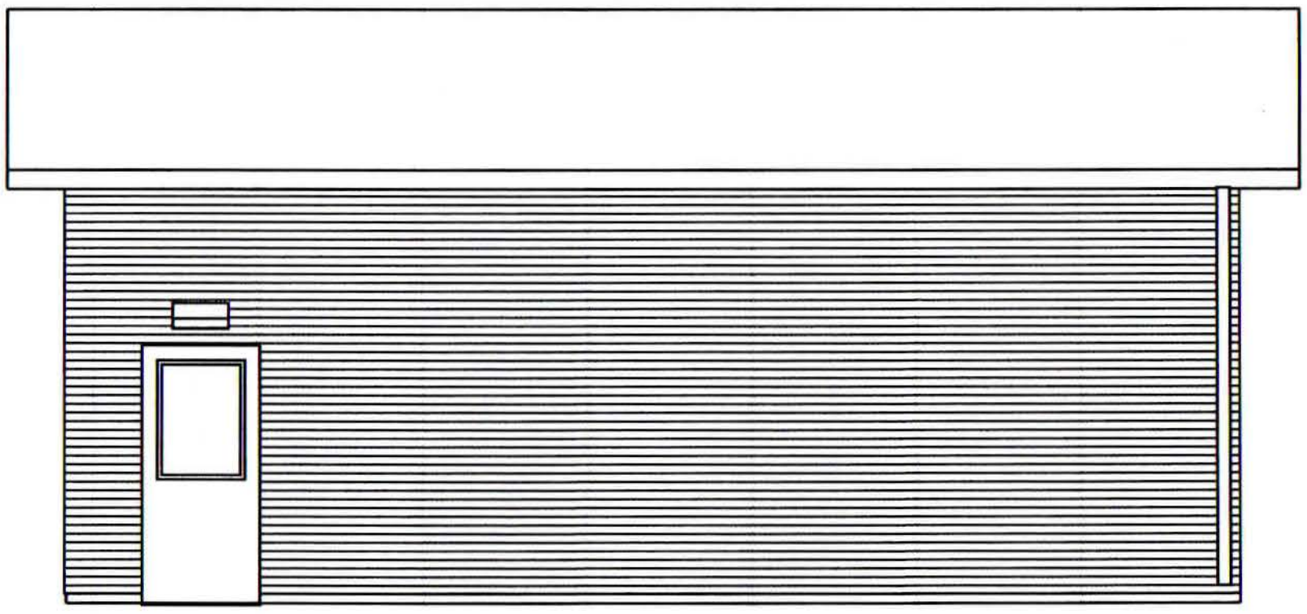
Elevations East and West

August 2018



North Elevation

Note: Grade so that water shedding from downspouts exists away from all buildings



South Elevation

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Customer

Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Revision	Date

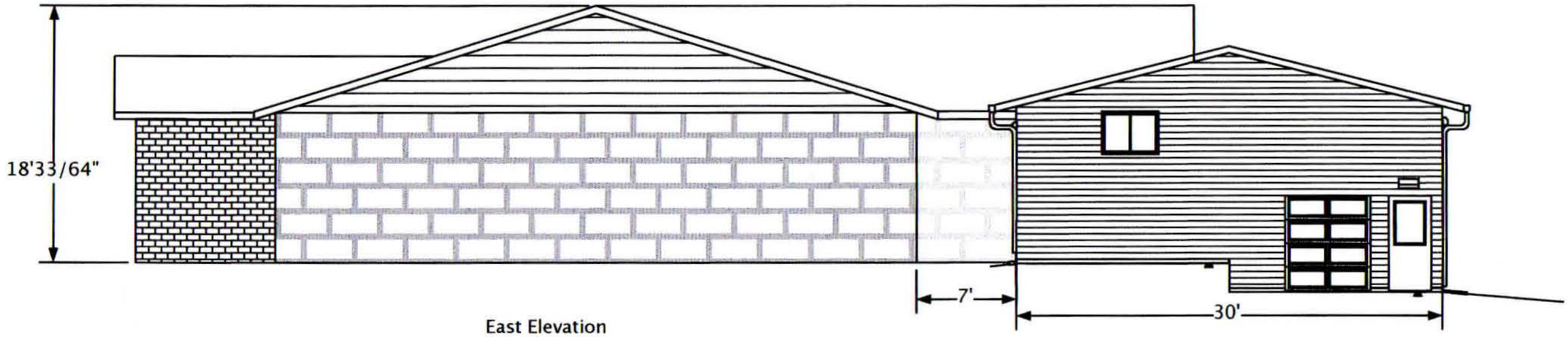
Project

New Storage Building

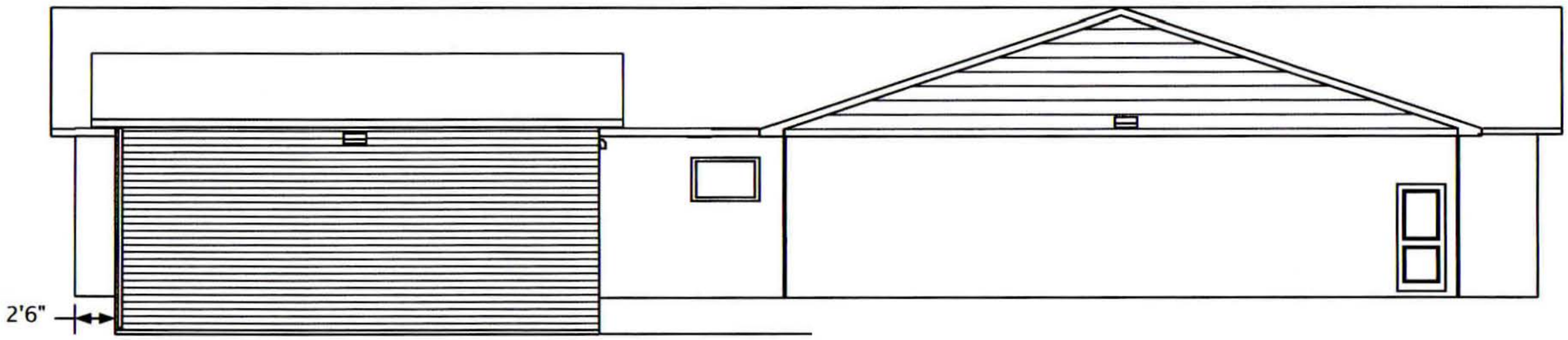
Drawing Name

Elevations North and South

August 2018



East Elevation



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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

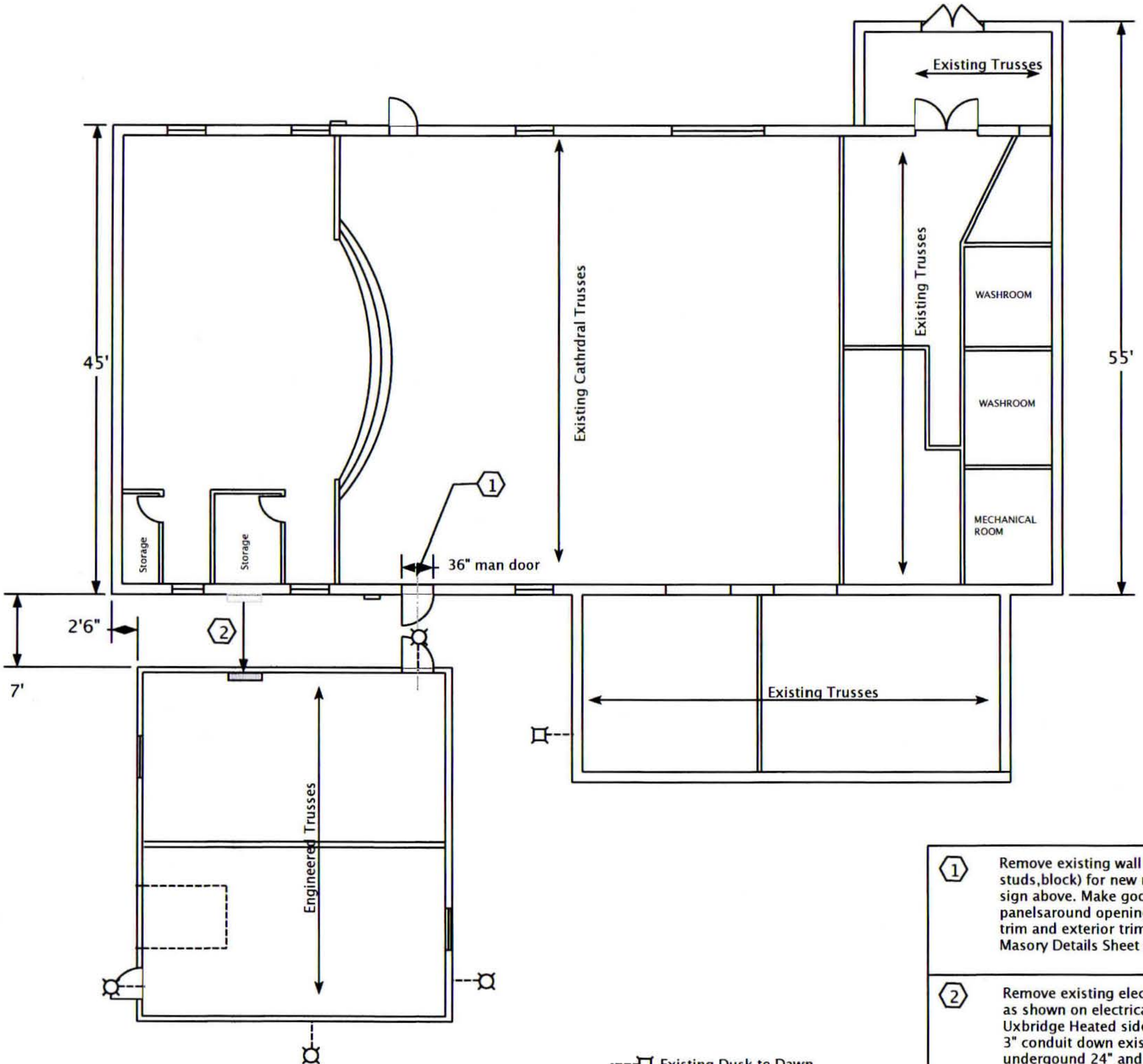
Scale 3/8" = 1'

Revision	Date

Project: New Storage Building

Drawing Name: Overall Elevations

August 2018



1. Remove existing wall (plaster,mesh,wood studs,block) for new man door, provice EXIT sign above. Make good existing decrative panelsaround opening and provide interior trim and exterior trim of man door. See Masory Details Sheet for Lintel Size.

2. Remove existing electrical panel and relocate as shown on electrical layout, sheet 12, inside Uxbridge Heated side of the new building. Run 3" conduit down existing building, undergound 24" and up insude new building.

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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Revision	Date

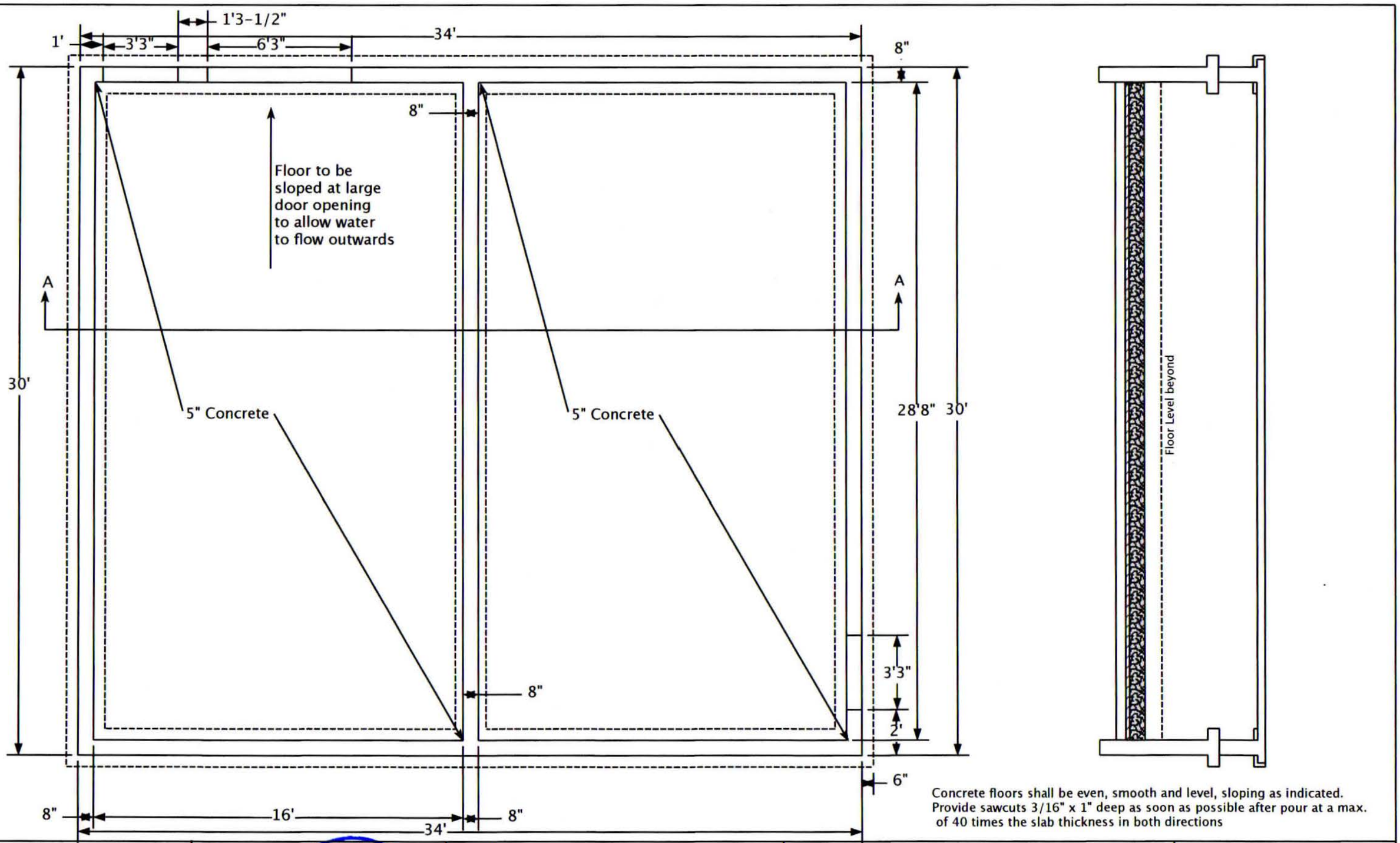
Project

New Storage Building

Drawing Name

Overall Floor Plan

August 2018



Concrete floors shall be even, smooth and level, sloping as indicated. Provide sawcuts 3/16" x 1" deep as soon as possible after pour at a max. of 40 times the slab thickness in both directions

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Customer

Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

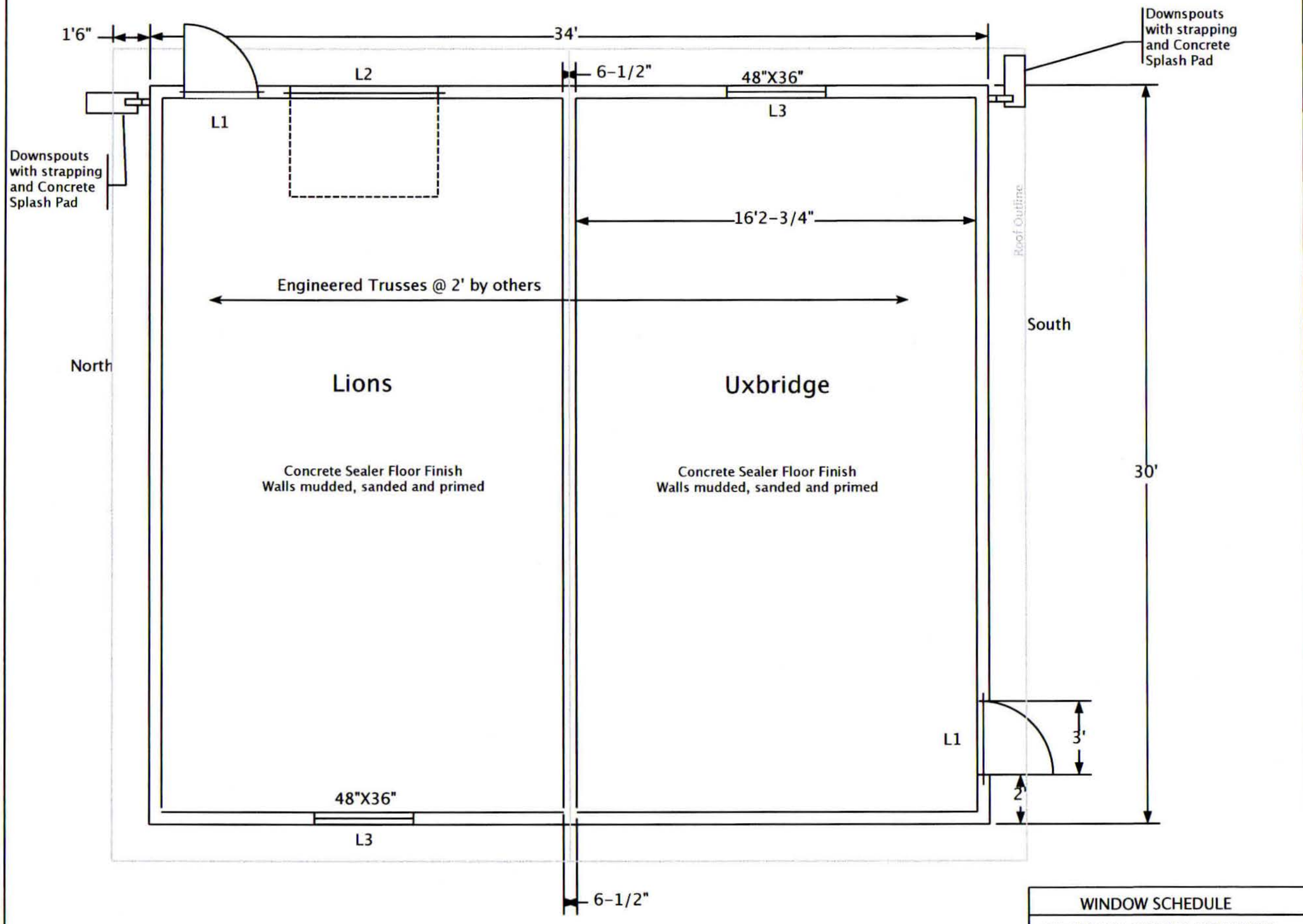
Scale 1/4"=1'

Revision | Date

Project
New Storage Building

Drawing Name
Foundation Plan

August 2018



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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Revision	Date

WINDOW SCHEDULE

48"x36" NON-OPENING, WHITE VINYL, LOW-E, ARGON, DOUBLE PANE

DOOR SCHEDULE

OPENING	HEIGHT	TYPE	COMMENTS
36"	84"	GREY STEEL INSULATED (NO WINDOW)	PROVIDE LOCKSET, KICK PLATE, WEATHER STRIPPING, THRESHOLD, DOORSTOP, CYLINDERS, HINGES
72"	84"	ALUMINIUM OVERHEAD PREFINISHED	PROVIDE WEATHERSTRIPPING, LOCK

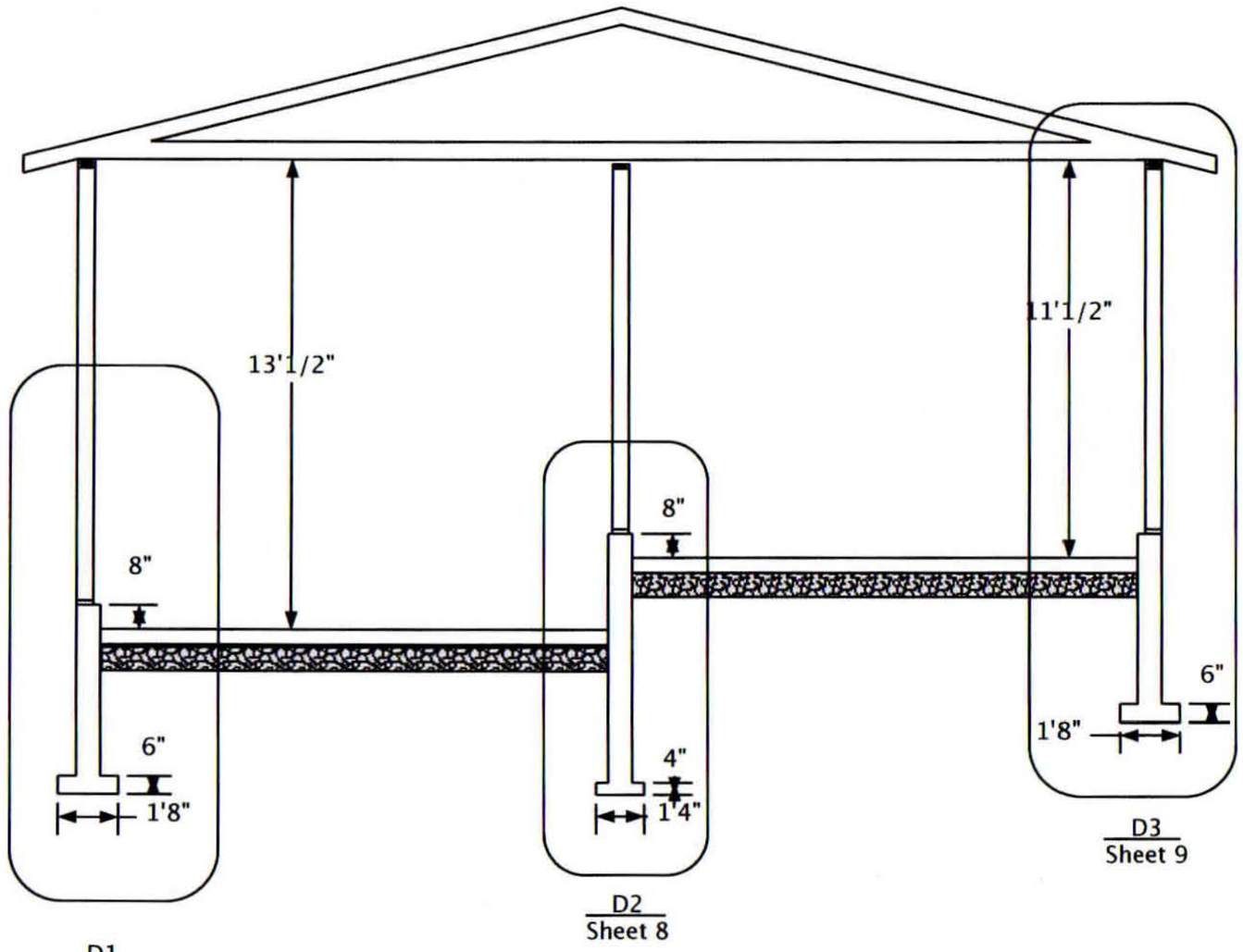
LINTEL SCHEDULE

L1 2-2"X6"
L2 2-2"X6"
L3 2-2"X6"

Project
New Storage Building

Drawing Name
1st Floor

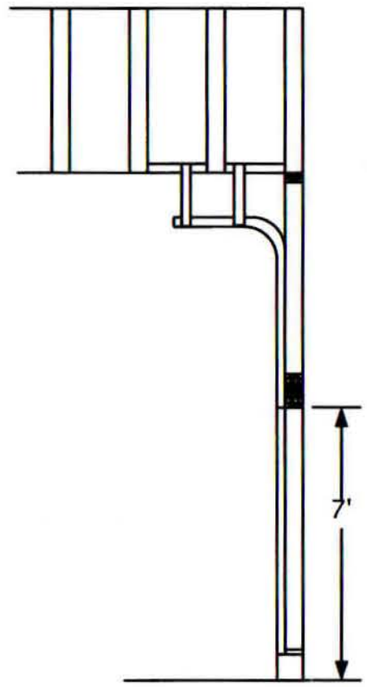
August 2018



D1
Sheet 8

D2
Sheet 8

D3
Sheet 9



7' Overhead
Door Detail

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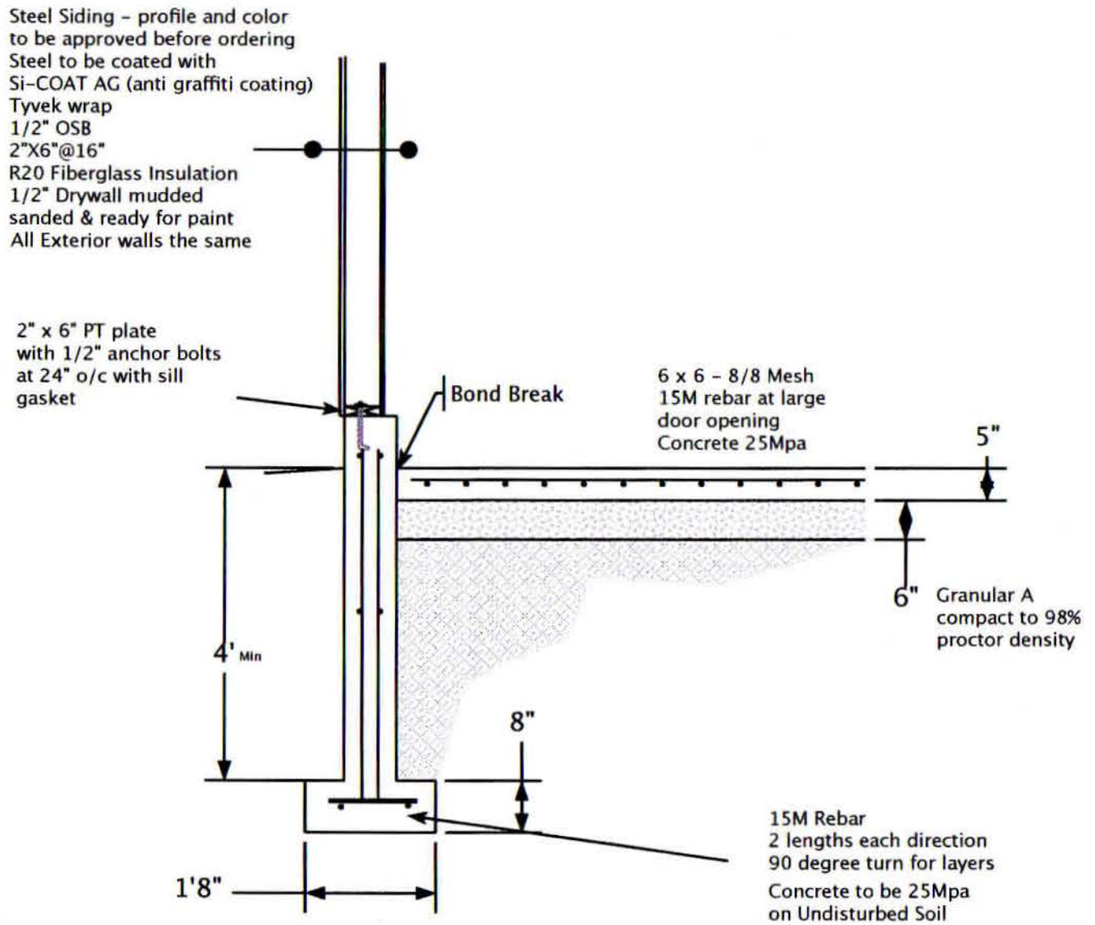
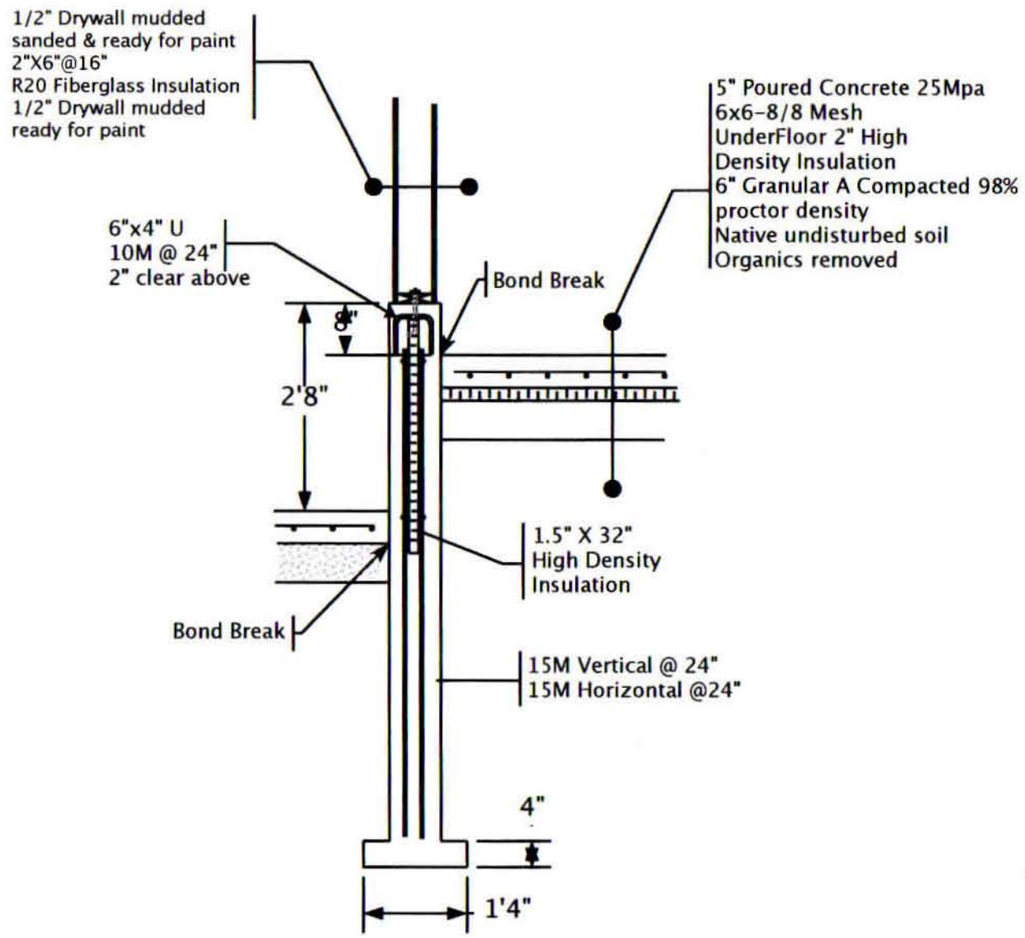


North Exterior Wall Detail
Scale 1/2" = 1'



Centre Sandwich Wall Detail
Sacle 1/2" = 1'

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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

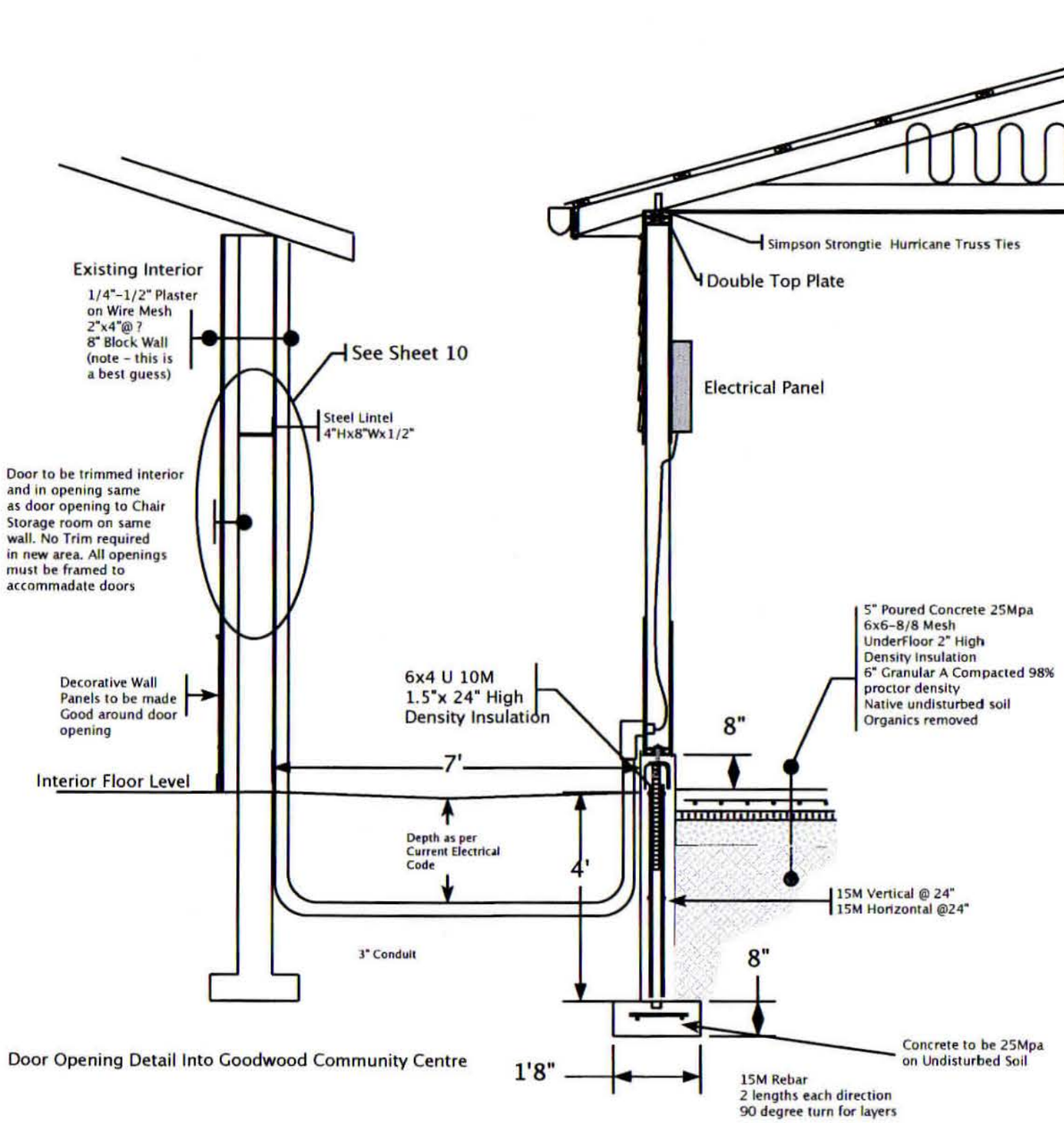
Scale

Revision | Date

Project
New Storage Building

Drawing Name
Details D1 and D2

August 2018 | 8 of 13



Door Opening Detail Into Goodwood Community Centre

Proposed New Storage

Note:
1. All electrical is to meet or exceed current electrical codes.
2. See sheet 11 for sandwich wall detail
3. Hurricane Ties to be Simpson Strong Tie H10S .

Scale = 3/8" = 1'

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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Revision	Date

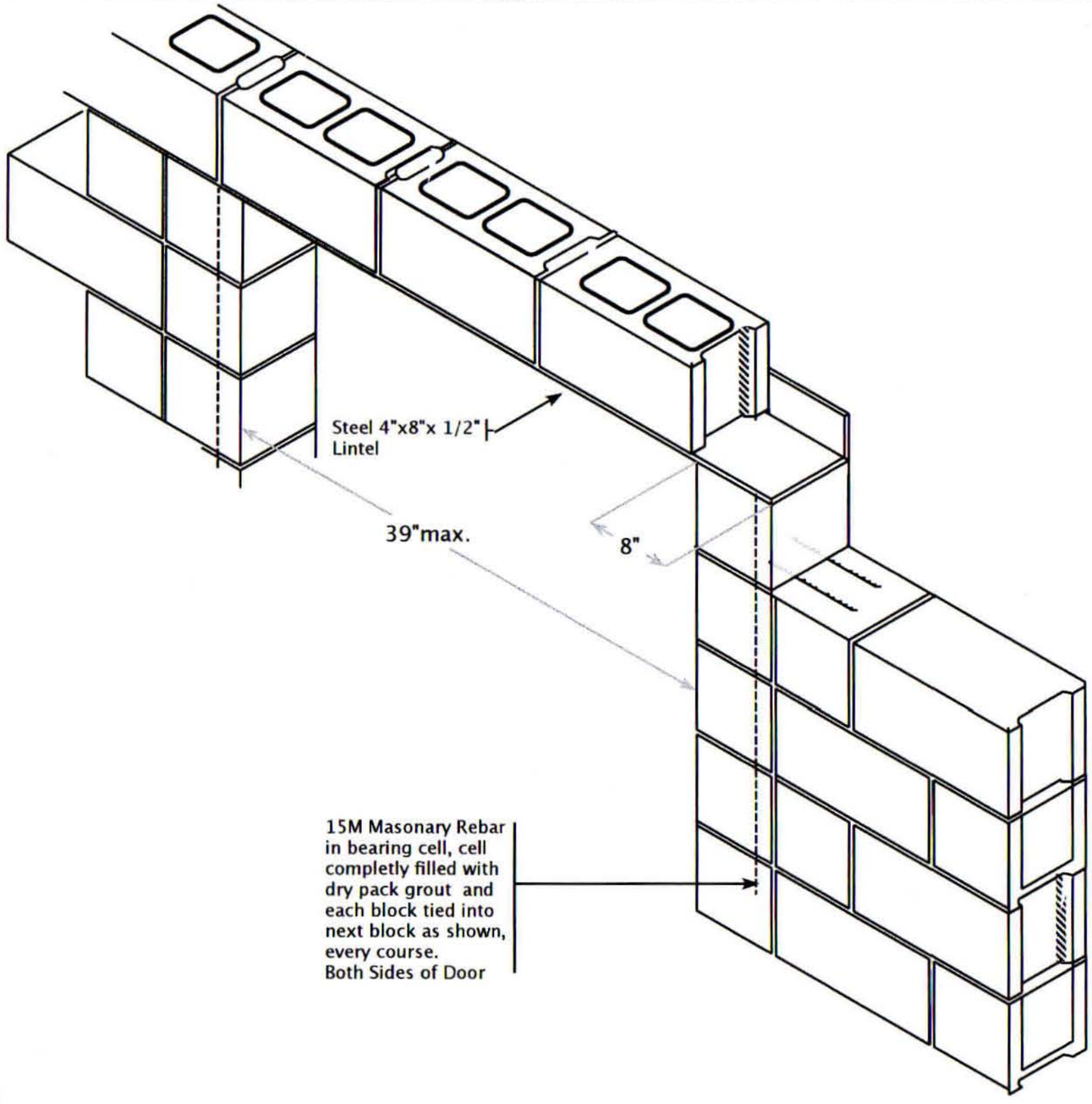
Project

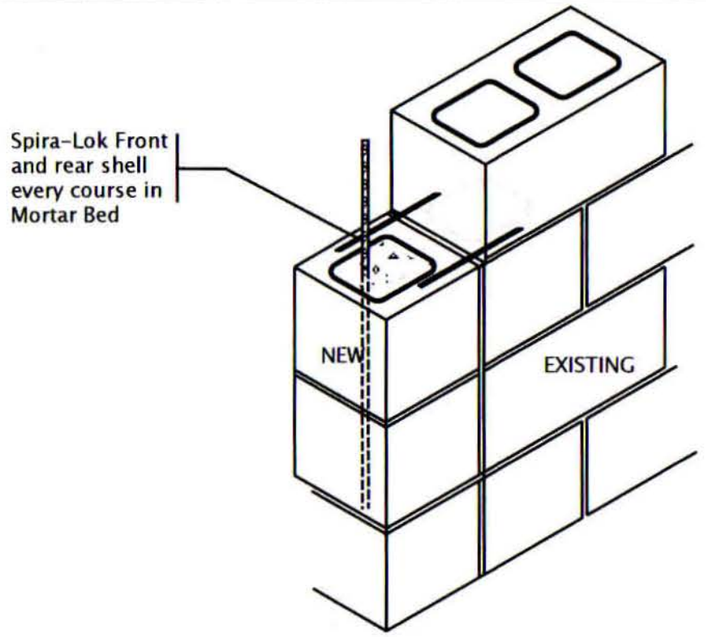
New Storage Building

Drawing Name

Detail D3

August 2018





MASONARY TIED TO EXISTING WALL

Notes:
1. Door location to be finalized on site
2. 15M vertical rebar to be doweled into existing footing a min. 5". Holes to be drilled 1/8" larger than rebar and cleaned before epoxy and rebar placed.

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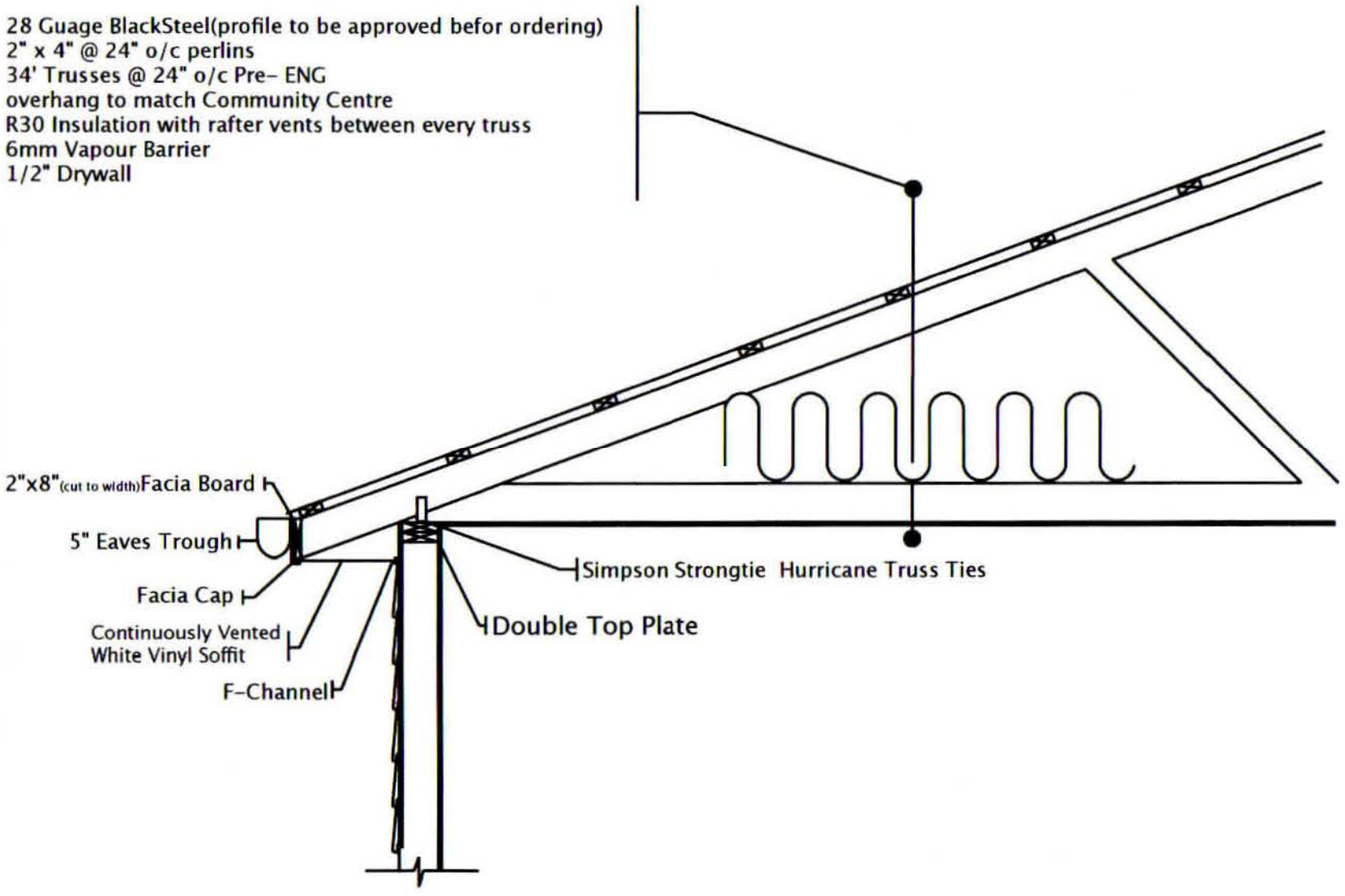
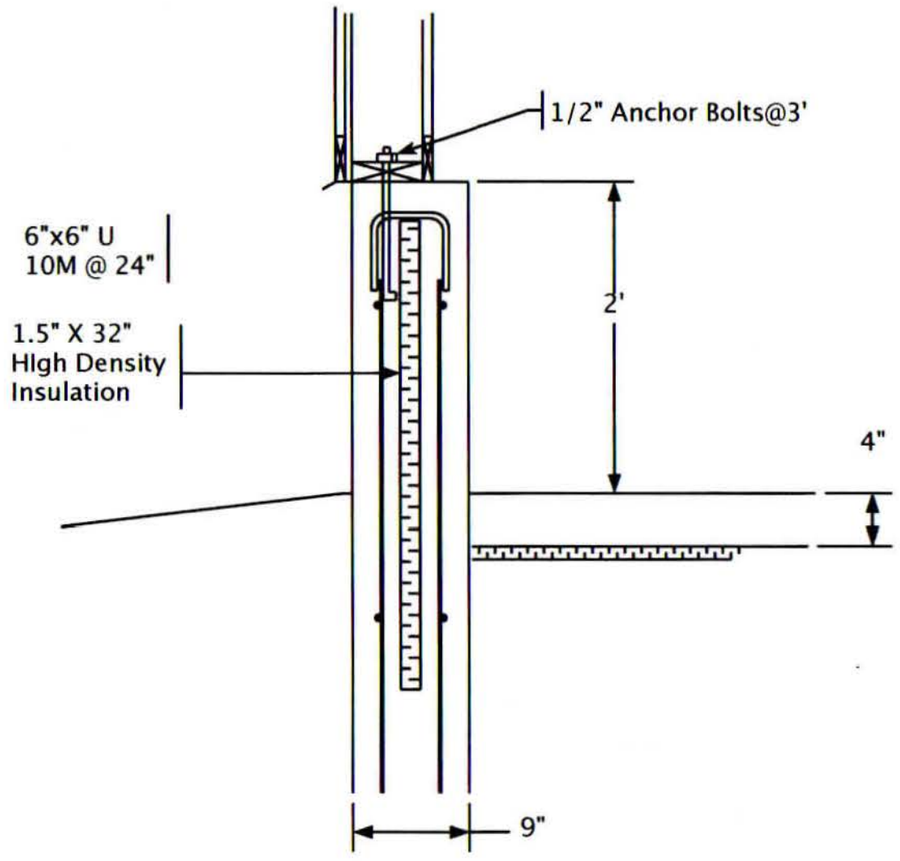


Roof Connection Detail
1/2" = 1'



Sandwich Wall Detail
1" = 1'

Note:
1. Hurricane Ties to be Simpson Strong Tie H10S .

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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

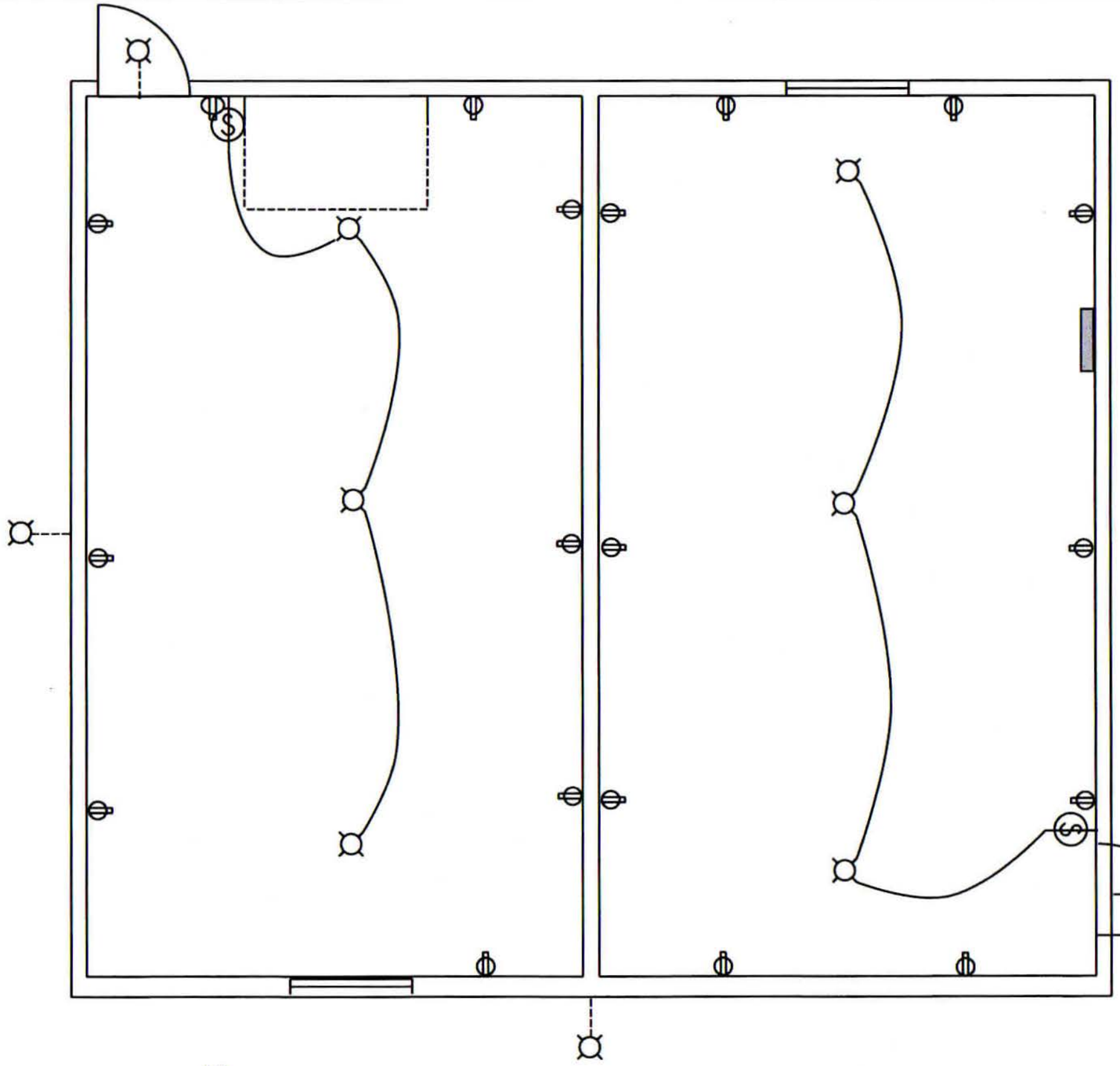
Scale

Revision	Date

Project
New Storage Building

Drawing Name
Roof and Sandwich Wall Details

August 2018 | 11 of 13



Duplex outlet

Lithonia 10"x24" 80WattLED Shop with Motion Sensor

Single Wall Switch

GE Evolve LED Area Light with Motion Sensor

Elecrical Panel

L2

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Township of Uxbridge
Goodwood Community Park
268 Highway 47
Goodwood, ON

Scale

Revision | Date

Project

New Storage Building

Drawing Name

Lighting and Electrical

August 2018

General Notes

1. The most recent issue of any standard, codes or regulations mentioned in the drawings provided must be used, unless indicated other wise in the specifications.

2. All workmanship and framing must conform to the most recent issue requirements of NBCC, OBC, applicable local building codes and CSA requirements.

3. The contractor responsibilities include:
   - obtaining approvals from all required local authorities.
   - safeguard all existing structures affected by the construction.
   - obtaining field measurements required for fabrication.

4. Preserve fire rating when penetrating ceilings, floors and walls.

5. Drawings are not to be scaled.

6. To avoid damage to the existing roof, adequate protection (plywood sheets) must be provided by the contractor for the entire duration of the construction. Constructoin loads must not exceed a concentrated load of 1.3kN or uniform distributed load of 1.0 kPa.

7. All shop and installation drawings must be submitted to Orr Engineering by the contractor for review prior to fabrication of the materials if any involved with this project.

8.Concrete drilling in areas occupied by tenants shall be coordinated with the buildings owner/manager and may be required to be completed outside normal working hours. Services damaged must be repaired by the contractor at his own expense.

9. Drawings to be read in conjunction with all other contract documents including electrical drawings. No changes from the drawings are permitted unless authorized by the engineer.

Concrete Notes

1. All workmanship must be in accordance with the latest edition of all applicable standards.

2. Reinforcing steel must be grade 400 deformed bars to CAN/CSA G30, 18, unless noted otherwise. Concrete cover to be 3" min. unless otherwise stated.

3. Welded steel must have a minimum yield strength of 40MPa and conform to CSA G30.5 (Provide in flat sheets only)

4. Bend and detail reinforcing steel as indicated in the Reinforcing Steel Manual of Standard Practice by the Reinforcing Steel Instituite of Canada.

5.Cast in place concrete to have a minimum 28 Day minimum compressive strength of 32MPa unless otherwise noted.

6. Slump at point of discharge to not exceed 127mm unless otherwise stated.

7. All concrete exposed to freezing and thawing or de-icing chemicals must contain entrainment air.

8. All concrete exposed corner edges shall be chamfered 1" x 1".

9. All grout used shall be non-shrinking, installed to manufacturers instructions, unless otherwise noted.

10. Contractor is not to cut any reinforcment without permission from the structural engineer.

11. Concrete shall be consolidated by internal vibration.

12. Load bearing of soil to be confirmed on site by a geotechnical engineer before footings and floors are poured

Wood Frame & Structural Timber Notes

1. All workmanship must be in accordance with the latest edition of the OBC and any other applicable standards.

2. Nails to conform to CSA C111-1974 galvanized for the exterior locations and treated lumber. Nailing pf frame per OBC tables 9.23.3.4 unless otherwise specified.

Design Loads

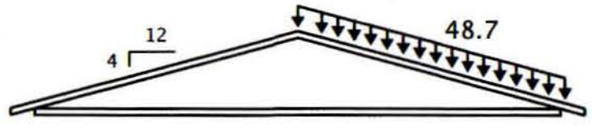
Cs = 0.71
Cw = 0.75 (WIND SWEPT)
Ca = 1.17

1. GROUND SNOW LOAD	43.8 PSF
2. RAIN LOAD	8.4 PSF
3. ULS BALANCED LOAD	35.6 PSF
4. ULS UNBALANCED LOAD	48.7 PSF
5. BTM CHORD DEAD LOAD	8.0 PSF
6. TOP CHORD DEAD LOAD	4.0 PSF

SOIL BEARING PRESSURE REQUIRED 3000 PSF

Case 1 - Balanced Snow Load Windswept Location

Case 2 - Unbalanced Snow Load



Total Roof Dead Load = 10 PSF

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Goodwood Community Park
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Revision	Date

Project

New Storage Building

Drawing Name

General Notes

August 2018 | 13 of 13