

**D01-1 GENERAL INFORMATION**

1. THE INFORMATION PRESENTED ON THESE DRAWINGS HAS BEEN DESIGNED AND ANALYZED IN ACCORDANCE WITH THE 2012 ONTARIO BUILDING CODE & 2010 NATIONAL BUILDING CODE OF CANADA. CONSTRUCTION IS TO BE PERFORMED IN ACCORDANCE WITH THIS AND ALL OTHER APPLICABLE CODES.

- 1.1 CONCRETE STRUCTURE DESIGNED IN ACCORDANCE WITH CSA A23.3-04 (R2010)
- 1.2 STEEL STRUCTURE DESIGNED IN ACCORDANCE WITH CAN/CSA-S16-09
- 1.3 WOOD STRUCTURE DESIGNED IN ACCORDANCE WITH CAN/CSA-086.1-05

2. CONTRACTOR IS TO VERIFY/COORDINATE ALL DIMENSIONS/PENETRATIONS WITH ARCHITECTURAL, MECHANICAL/ELECTRICAL DRAWINGS PRIOR TO CONSTRUCTION. REPORT INCONSISTENCIES BEFORE PROCEEDING WITH WORK. ANY OPENINGS NOT INDICATED ON STRUCTURAL DRAWINGS ARE TO BE APPROVED BY DEPARTMENTAL REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.

3. CAD VERSIONS OF THE STRUCTURAL DRAWINGS SHALL BE MADE AVAILABLE TO THE CONTRACTOR UPON THE COMPLETION OF A RELEASE FORM INDEMNIFYING THE CONSULTANT FROM ANY ERRORS OR OMISSIONS ASSOCIATED WITH THE CAD FILES.

4. SEISMIC RESTRAINT OF ARCH/MECH/ELECT ELEMENTS NOT NOTED ON THE DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR'S ENGINEER. RESTRAINT DETAILS ARE TO BE DEVELOPED IN ACCORDANCE WITH THE 2012 OBC/2010 NBC. CONTRACTOR'S ENGINEER IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF SEISMIC RESTRAINTS AND ISOLATIONS AS REQUIRED BY SPECIFICATIONS INCLUDING THE VERIFICATION THAT THE EXISTING/NEW STRUCTURE IS CAPABLE OF SAFELY SUPPORTING THE IMPOSED LOADS IN ACCORDANCE WITH THE 2012 OBC/2010 NBC. NO ELEMENTS MAY BE CONSTRUCTED WITHOUT WRITTEN CONFIRMATION OF THESE CONDITIONS BY CONTRACTOR'S ENGINEER.

5. NO FOUNDATION ELEMENTS ARE TO BE CONSTRUCTED UNTIL WRITTEN APPROVAL OF THE BEARING SURFACES AND PRESSURES IS PROVIDED BY A GEOTECHNICAL ENGINEER THROUGH ON-SITE INVESTIGATION. FAILURE TO COMPLETE THIS WORK COULD RESULT IN THE REMOVAL/REINSTATEMENT OF ANY/ALL FOUNDATION ELEMENTS AT CONTRACTOR'S OWN COST.

6. CONTRACTOR TO PROVIDE PRE-ENGINEERED SHORING AS REQUIRED TO ACCOMMODATE THE CONTRACTOR'S CONSTRUCTION ACTIVITIES AND TO PREVENT DAMAGE TO ANY ADJACENT PROPERTY. ALL CONSTRUCTION ACTIVITIES TO BE LIMITED TO THE LIMITS OF THE CONSTRUCTION SITE AND ALL DAMAGE TO EXISTING PROPERTIES MUST BE REINSTATED.

**D01-2 GRAVITY LOADS:**

**SLS/ULS VALUES:**

SNOW: Is: ULS=1.0 SLS=0.9  
 WIND: Is: ULS=1.0 SLS=0.75  
 SEISMIC: Is: ULS=1.0

**SNOW LOAD FACTORS:**

S = Is [Ss(Cp+Cw+Cq+Co)] + S<sub>r</sub>  
 S<sub>s</sub> = 2.4 kPa  
 S<sub>r</sub> = 0.4 kPa  
 C<sub>p</sub> = 0.8  
 C<sub>w</sub> = 1.0  
 C<sub>q</sub> = 1.0

**FIRST FLOOR:** DEAD: 2.0 kPa  
 LIVE: 4.8 kPa

**SECOND FLOOR:** DEAD: 2.0 kPa  
 LIVE: 2.4 kPa

**ROOF:** DEAD: 1.0 kPa  
 LIVE: 1.0 kPa

SNOW: 2.32 kPa (+ DRIFT) U/N

**D01-3 SEISMIC SYSTEM/LOADING DATA**

**SEISMIC FORCE RESISTING SYSTEM (SFRS)**

SFRS: SYSTEM & CONNECTIONS: (2012 OBC CLAUSE 4.1.8.9/4.1.8.10)  
 LATERAL LOAD RESISTING SYSTEM: CONVENTIONAL CONSTRUCTION  
 R<sub>d</sub> = 1.5  
 I<sub>m</sub> = 1.2  
 CSA STANDARD: CAN/CSA-S16-01  
 APPLICABLE CLAUSE(S): 27.10

SFRS: SYSTEM FOUNDATIONS: (2012 OBC CLAUSE 4.1.8.16)  
 CSA STANDARD: CAN/CSA-S16-01  
 APPLICABLE CLAUSE(S):  
 FOR ANCHORED FOOTINGS  
 FOR UNANCHORED FOOTINGS  
 CONFIRMATION: FOUNDATIONS HAVE BEEN DESIGNED TO RESIST THE LATERAL FORCES APPLIED TO THE SFRS IN ACCORDANCE WITH THE 2012 OBC INCLUDING ALL APPLICABLE AMPLIFICATION FACTORS.

**SEISMIC IMPORTANCE FACTOR:** (2012 OBC CLAUSE 4.1.8.5)  
 I<sub>e</sub> = 1.0

**REFERENCE CITY:** OTTAWA (CITY HALL)

**SITE CLASS:** THE NOTED SITE CLASSIFICATION FOR SEISMIC SITE RESPONSE AND SHEAR STRENGTH PARAMETERS INDICATED ARE AS REPORTED IN THE GEOTECHNICAL REPORT  
 A  B  C  D  E  F (ASSUMED)

**PGA:** 0.320

**RESPONSE SPECTRAL DATA:**

**5% DAMPED SPECTRAL RESPONSE ACCELERATION VALUES FOR REFERENCE CITY:** (2012 OBC SUPPLEMENTARY STANDARD SB-1)

S<sub>a</sub>(0.2) = 0.64  
 S<sub>a</sub>(0.5) = 0.31  
 S<sub>a</sub>(1.0) = 0.14  
 S<sub>a</sub>(2.0) = 0.046

**DESIGN SPECTRAL RESPONSE ACCELERATION VALUES (DSRAV):** (2012 OBC CLAUSE 4.1.8.4)

CLASS 'E': (F<sub>a</sub>=1.232F<sub>v</sub>+2.06)  
 S<sub>a</sub>(0) = 0.788  
 S<sub>a</sub>(0.2) = 0.382  
 S<sub>a</sub>(0.5) = 0.288  
 S<sub>a</sub>(1.0) = 0.095  
 S<sub>a</sub>(2.0) = 0.047

**SYSTEM RESTRICTION VALUE:** R<sub>f</sub> ≤ S<sub>a</sub>(0.2) = 0.0788 ≥ 0.35  YES  NO

**PERIOD DATA:**

**EMERGENCY PERIOD:** (2012 OBC CLAUSE 4.1.8.11.(3)(a)(i)(ii))  
 T<sub>o</sub>(IMPRCALMS) = 0.23 sec  
 T<sub>o</sub>(IMPRCALJW) = 0.23 sec

**DESIGN PERIODS/MODE & MOMENT FACTORS:** (2012 OBC CLAUSE 4.1.8.11(3))  
 S<sub>0.2</sub> = 13.9 ≥ 8.0  YES  NO  
 S<sub>0.5</sub> = 8.0

T<sub>0</sub>(DESIGN) = 0.23 sec M<sub>v</sub> = 1.0 J = 1.0  
 T<sub>0</sub>(DESIGN) = 0.23 sec M<sub>v</sub> = 1.0 J = 1.0

**DESIGN FUNDAMENTAL PERIOD BASED DSRAV:** (2012 OBC CLAUSE 4.1.8.11(3))  
 S<sub>0.2</sub> = 0.78  
 S<sub>0.5</sub> = 0.78

**IRREGULARITY REVIEW:** (2012 OBC CLAUSE 4.1.8.6)

1. VERTICAL STIFFNESS:  YES  NO  
 2. WEIGHT:  YES  NO  
 3. VERTICAL GEOMETRIC:  YES  NO  
 4. IN PLANE DISCONTINUITY:  YES  NO  
 5. OUT OF PLANE:  YES  NO  
 6. NEW STOREY:  YES  NO  
 7. TORSIONAL:  YES  NO  
 R<sub>tw</sub> = 1.20  
 8. NON-ORTHOGONAL:  YES  NO

CONCLUSION: BUILDING IS  REGULAR  IRREGULAR  
 DYNAMIC ANALYSIS:  REQUIRED  NOT REQUIRED  
 DYNAMIC PROCEDURE METHOD:  MODAL RESPONSE SPECTRUM  NUMERICAL INTEGRATION TIME HISTORY  N/A

**TORSIONAL ECCENTRICITY:**  
 ≤ 0.10 D<sub>xx</sub> (4.1.8.11(10)), B ≤ 1.7 EQUV. STATIC FORCE PROCEDURE  
 ≤ 0.10 D<sub>xx</sub> (4.1.8.12(4a)), B ≥ 1.7  
 ≤ 0.05 D<sub>xx</sub> (4.1.8.12(4a)), B < 1.7, 3-D DYNAMIC ANALYSIS

**STRUCTURAL SEPARATION:**  
 THE ADJACENT STRUCTURES HAVE BEEN SEPARATED IN ACCORDANCE WITH 4.1.8.14(1) OF THE 2012 O.B.C.  
 N/A

**BUILDING WEIGHT FOR SEISMIC DESIGN:** W = 1035 kN

**BASE SHEARS/MOMENTS:** V = 0.40 = 414 kN  
 V<sub>max</sub> = S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>)  
 V<sub>min</sub> = S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>)

**STATIC MAXIMUM/MINIMUM VALUES:**

**NORTH-SOUTH: (N)**  
 V<sub>max</sub> = S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>) = 57 kN  
 V<sub>min</sub> = -S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>) = -57 kN

**EAST-WEST: (E)**  
 V<sub>max</sub> = S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>) = 51 kN  
 V<sub>min</sub> = -S<sub>0.2</sub>(M<sub>0.2</sub>/R<sub>d</sub>) = -51 kN

SEISMIC LOADS		
EQUVALENT STATIC (ES) 2012 OBC CLAUSE 4.1.8.11(1)-(10)	DYNAMIC ANALYSIS (DA) PROCEDURE (2012 OBC CLAUSE 4.1.8.12(1)-(5)) (NETAL SLUMP FACTOR)	DESIGN (D) LOADS (2012 OBC CLAUSE 4.1.8.12(1)-(5))
NORTH-SOUTH: (N)	NORTH-SOUTH: (N)	NORTH-SOUTH: (N)
V <sub>max</sub> = 278 kN M <sub>max</sub> = 2502 kNm	V <sub>max</sub> = N/A M <sub>max</sub> = N/A	V <sub>max</sub> = 278 kN M <sub>max</sub> = 2502 kNm
NON-ORTHOGONAL EFFECTS HAVE BEEN CONSIDERED IN ACCORDANCE WITH 2012 OBC CLAUSE 4.1.8.8 (c) <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A		
EAST-WEST: (E)	EAST-WEST: (E)	EAST-WEST: (E)
V <sub>max</sub> = 278 kN M <sub>max</sub> = 2502 kNm	V <sub>max</sub> = N/A M <sub>max</sub> = N/A	V <sub>max</sub> = 278 kN M <sub>max</sub> = 2502 kNm
NON-ORTHOGONAL EFFECTS HAVE BEEN CONSIDERED IN ACCORDANCE WITH 2012 OBC CLAUSE 4.1.8.8 (c) <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A		

**NOTES:**

- DESIGN LOAD SHEAR VALUES ARE BASED ON THE EVALUATION OF V<sub>max</sub> AND V<sub>min</sub> IN ACCORDANCE WITH 4.1.8.12 (5)(b) AND (7) OF THE 2012 OBC. LOADS INDICATED SHOW THE DESIGN BASE TO SHEAR AND CORRESPONDING OVERTURNING MOMENT.
- N/A = NOT USED IN THE DESIGN OF THE BUILDING.

**D01-4 WIND**

**MAIN BUILDING:**

**WIND:**

q = 0.41 kPa  
 (1 IN 50 YEARS)

I<sub>w</sub> = 1.0 (A,S)  
 I<sub>w</sub> = 0.75 (B,S)  
 G<sub>CF</sub> = ± 1.8

**D01-4 SHOP DRAWINGS**

- SUBMIT SHOP DRAWINGS FOR ALL STRUCTURAL WORK AND ANY WORK AFFECTING THE STRUCTURE TO THE CONSTRUCTION MANAGER. OBTAIN DEPARTMENTAL REPRESENTATIVE APPROVAL BEFORE PROCEEDING WITH THE FABRICATION.
- EACH OF THE FOLLOWING SHOP DRAWINGS MUST BEAR THE SIGNATURE AND STAMP OF A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE (PLUS OTHER DRAWINGS AS NOTED).  
 a) DRAWINGS FOR ANY TEMPORARY WORK.  
 b) DRAWINGS FOR ANY STRUCTURAL PARTS DESIGNED BY THE CONTRACTOR'S FORCES INCLUDING EXTERIOR BUILDING ENVELOPE.  
 c) STRUCTURAL STEEL.  
 d) FORMWORK.  
 e) CONCRETE REINFORCING
- SHOP DRAWINGS MUST BE REVIEWED AND STAMPED REVIEWED BY THE CONTRACTOR BEFORE ISSUING TO THE DEPARTMENTAL REPRESENTATIVE. SHOP DRAWINGS NOT STAMPED BY THE CONTRACTOR WILL BE REJECTED. ANY DELAYS IN THE CONSTRUCTION SCHEDULE DUE TO NONCOMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SHOP DRAWINGS ARE REVIEWED FOR CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF THE DETAILED DESIGN OR QUANTITIES DESCRIBED IN THE SHOP DRAWINGS. THE RESPONSIBILITY FOR THE QUANTITIES AND DETAILED DESIGN OF THE MATERIALS AND COMPONENTS AS REQUIRED TO PROVIDE THE COMPLETE AND SATISFACTORY JOB DESCRIBED IN THE DESIGN DOCUMENTS REMAINS WITH THE CONTRACTOR.

**D2) FOUNDATIONS:**

**D2-1 FOOTINGS:**

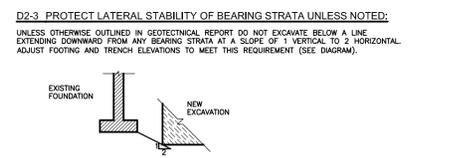
ALL FOOTINGS TO BEAR ON UNDISTURBED NATIVE MATERIAL

**D2-2 EXCAVATION, FOUNDATIONS AND BACKFILL:**

- PRIOR TO ANY EXCAVATION, VERIFY LOCATION OF EXISTING SERVICES AND TAKE ALL NECESSARY MEASURES TO MAINTAIN SERVICES WHERE REQUIRED. NOTIFY OWNER AND ENGINEER IF ANY SERVICES NOT SHOWN ON PLAN OR OTHERWISE EXPECTED ARE ENCOUNTERED. DO NOT PROCEED FURTHER UNTIL DIRECTED.
- CARE MUST BE TAKEN TO AVOID UNDERMINING EXISTING BUILDING FOUNDATIONS OR UNDERGROUND SERVICES.
- PROTECT SUB-GRADE FROM FREEZING AND FROST ACTION AT ALL TIMES DURING CONSTRUCTION.
- FOOTINGS MUST BEAR ON APPROVED BEARING SURFACES.
- RE-USE OF EXCAVATED GRANULAR MATERIAL IS SUBJECT TO APPROVAL OF GEOTECHNICAL CONSULTANT

**D2-3 PROTECT LATERAL STABILITY OF BEARING STRATA UNLESS NOTED:**

UNLESS OTHERWISE OUTLINED IN GEOTECHNICAL REPORT DO NOT EXCAVATE BELOW A LINE EXTENDING DOWNWARD FROM ANY BEARING STRATA AT A SLOPE OF 1 VERTICAL TO 2 HORIZONTAL. ADJUST FOOTING AND TRENCH ELEVATIONS TO MEET THIS REQUIREMENT (SEE DIAGRAM).



**D03) CONCRETE**

**D03-1 CONCRETE COVER (CLEAR TO REINFORCING):**

U/S FOOTINGS, PILE CAPS, GRADE BEAMS (AGAINST SOIL) 75mm (3")  
 FOOTINGS (SIDES & TOP) 50mm (2")  
 PIERS 40mm (1 1/2") (TO TIES)

**D03-2 CONCRETE MIXES**

PROPORTION NORMAL DENSITY CONCRETE IN ACCORDANCE WITH CAN/CSA-A23.1, TO GIVE THE FOLLOWING QUALITY FOR ALL CONCRETE AS INDICATED.

LOCATION	28 DAY STRENGTH	SLUMP	CLASS OF CONCRETE
FOOTINGS	25 MPa	75mm	N-2
PIERS	25 MPa	75mm	N-2

\*OBTAIN THESE SLUMPS WITH AID OF SPECIFIED WATER REDUCING AGENT.  
 \*NOTE: ALL CONCRETE EXPOSED TO EXTERIOR CONDITIONS TO HAVE MINIMUM 4-7% AIR ENTRAINMENT.

READY-MIXED CONCRETE AND CONCRETE PROPORTIONS SHALL BE IN ACCORDANCE WITH CSA A23.1, CLAUSE 12 AND AS FOLLOWS:

- MINIMUM ALLOWABLE COMPRESSIVE STRENGTH SHALL BE 30 MPa(4400psi) AT 28 DAYS OF AGE, UNLESS OTHERWISE NOTED OR SHOWN.
- IF BLENDED NORMAL PORTLAND CEMENT/EMERSON/HEMLOCK HYDRATED LAC IS USED EXCEPT FOR FLOOR MIXES, SLAK CONTENT SHALL NOT BE MORE THAN 25% OF TOTAL MASS OF CEMENT. TOTAL VOLUME OF CEMENT IN CONCRETE FLOOR MIXES SHALL BE 100% NORMAL PORTLAND CEMENT.
- PROVIDE CERTIFICATION THAT MIX PROPORTIONS SELECTED WILL PRODUCE CONCRETE OF SPECIFIED QUALITY AND YIELD AND THAT STRENGTH WILL COMPLY WITH CAN/CSA-A23.1-1008.
- USE OF CALCIUM CHLORIDE NOT PERMITTED.
- DO NOT CHANGE CONCRETE MIX WITHOUT PRIOR APPROVAL OF DEPARTMENTAL REPRESENTATIVE. SHOULD CHANGE IN MATERIAL SOURCE BE PROPOSED, NEW MIX DESIGN TO BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.

**D04) STEEL**

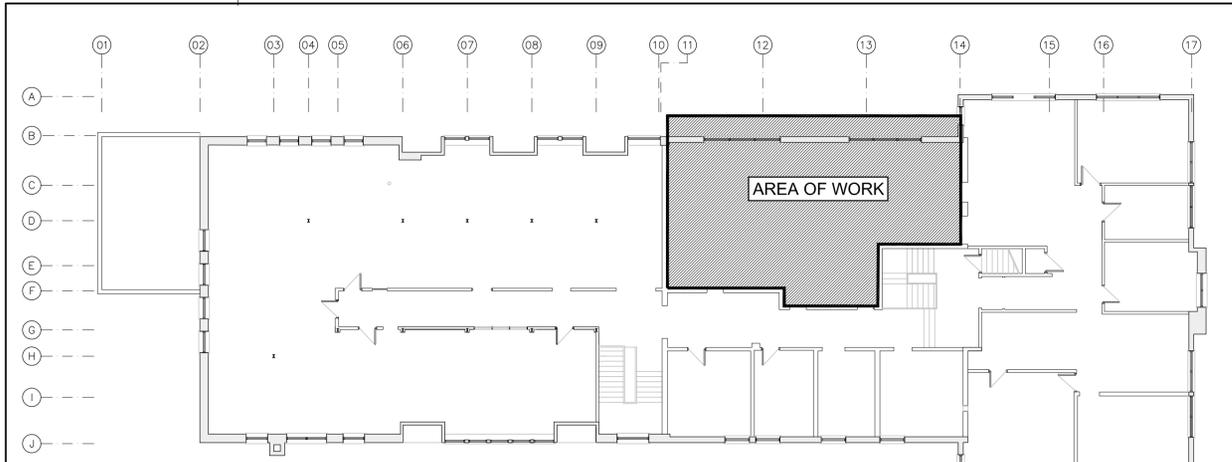
**D04-1 STRUCTURAL STEEL:**

STRUCTURAL STEEL SHALL COMPLY WITH CAN3-S16.1-01(06) UNLESS OTHERWISE NOTED.

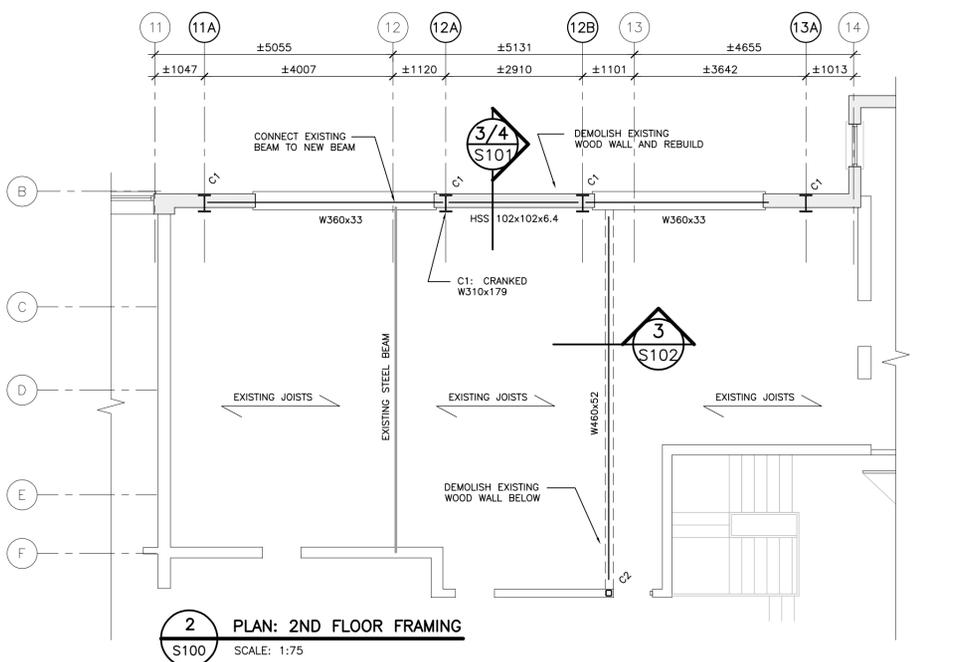
**ITEM**      **APPLICABLE SPECIFICATION (UNLESS OTHERWISE NOTED)**

ROLLED SECTIONS      G40.21M - 350W  
 G40.21M - 350W (CLASS C)  
 CONNECTION BOLTS      A325 (BEARING TYPE)  
 ANCHOR BOLTS      A307 (UNLESS OTHERWISE NOTED IN BASEPLATE SCHEDULE)  
 PLATES      G40.21M-300W

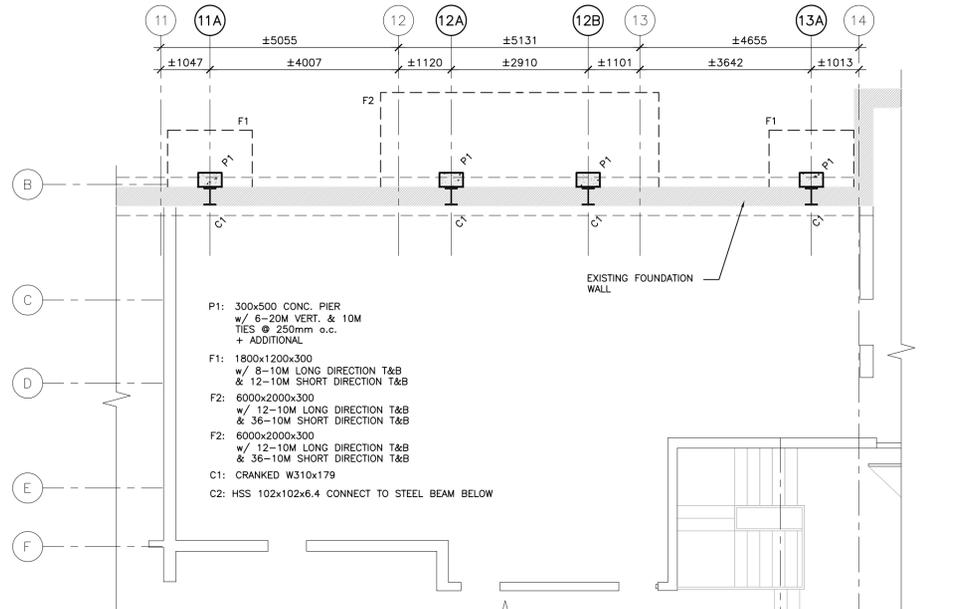
- ALL STEEL WORK SHALL BE GIVEN ONE COAT OF APPROVED PRIMER.
- FIELD AND SHOP CONNECTIONS SHALL BE WELDED OR HIGH TENSILE BOLTED (ASTM STANDARD A325).
- WELDING SHALL CONFORM TO LATEST CSA SPECIFICATION W59 AND BE UNDERTAKEN BY A FABRICATOR APPROVED BY THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF CSA SPECIFICATION W47.1.
- ALL EXPOSED WELDS SHALL BE CONTINUOUS AND BE GRIND SMOOTH.
- STRUCTURAL STEEL MEMBERS SHALL NOT BE SPLICED UNLESS APPROVED BY THE DEPARTMENTAL REPRESENTATIVE IN WRITING.
- WHERE STRUCTURAL STEEL MEMBERS SPECIFIED ON THE STRUCTURAL DRAWINGS ARE UNAVAILABLE TO THE CONTRACTOR, THE STRUCTURAL STEEL CONTRACTOR SHALL PROVIDE MEMBERS HAVING ALL SECTION PROPERTIES EQUAL TO OR BETTER THAN THAT OF THE SPECIFIED MEMBERS AT NO ADDITIONAL COST. CONTACT DEPARTMENTAL REPRESENTATIVE FOR ACCEPTANCE OF ANY AND ALL SUBSTITUTIONS.



**KEY PLAN**  
SCALE: N.T.S.



**2 PLAN: 2ND FLOOR FRAMING**  
SCALE: 1:75



**1 PLAN: FOUNDATION**  
SCALE: 1:75

Public Works and Government Services Canada  
 Architectural and Engineering Services  
 Ontario Region  
 Travaux publics et Services gouvernementaux Canada  
 Services d'architecture et de génie  
 Région de l'Ontario

Architect/Structural Consultants:  
**CLELAND JARDINE**  
 ENGINEERING LTD.  
 1000 SHEPPARD AVENUE EAST, SUITE 100  
 SCARBOROUGH, ONTARIO M1S 1T5  
 (416) 291-1133  
 CUE # 15-1320



04		
03	ISSUED FOR TENDER	JUN 17/16
02	ISSUED FOR 99% REVIEW	MAY 20/16
01	ISSUED FOR 50% REVIEW	MAY 10/16
revision		date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

project title  
titre du projet

**EXTERIOR WALL REPAIR  
CENTRAL EXPERIMENTAL FARM  
BUILDING #55**

drawing title  
titre du dessin

**GENERAL NOTES AND  
PARTIAL PLANS**

drawn by  
dessiné par **M.E.**

designed by  
conçue par **A.S./C.F.**

approved by  
approuvée par **A.S./C.F.**

tender submission  
projet soumis par **A.S./C.F.**

project manager  
administrateur de projets

project date  
date du projet **2016/05/10**

project no.  
no. du projet

drawing no.  
dessiné no. **S100**



04		
03	ISSUED FOR TENDER	JUN 17/16
02	ISSUED FOR 99% REVIEW	MAY 20/16
01	ISSUED FOR 50% REVIEW	MAY 10/16
revision		date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

A	Detail No.	No. du détail
B	drawing no. - where detail required	dessin no. - où détail exigé
C	drawing no. - where detailed	dessin no. - où détaillé

project title  
titre du projet

**EXTERIOR WALL REPAIR  
 CENTRAL EXPERIMENTAL FARM  
 BUILDING #55**

**PARTIAL PLAN,  
 ELEVATION & DETAILS**

drawn by  
dessiné par **M.E.**

designed by  
conc par **A.S./C.F.**

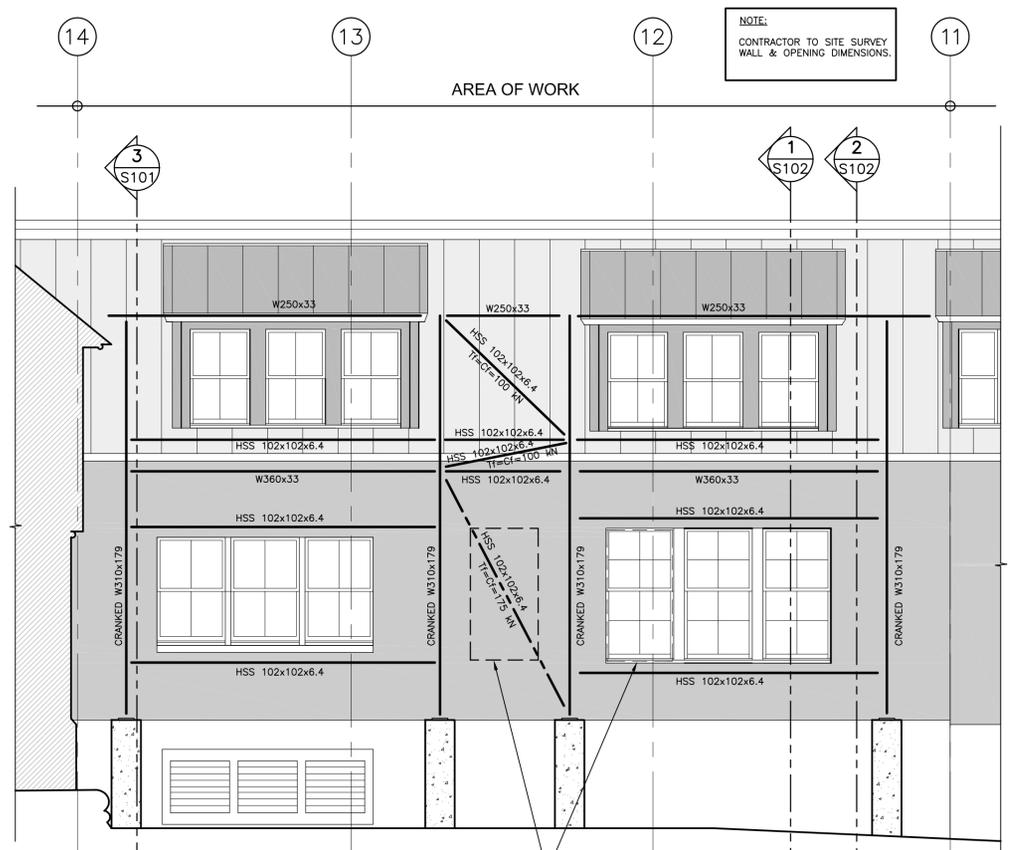
approved by  
approuvé par **A.S./C.F.**

tender submission  
project manager  
administrateur de projets

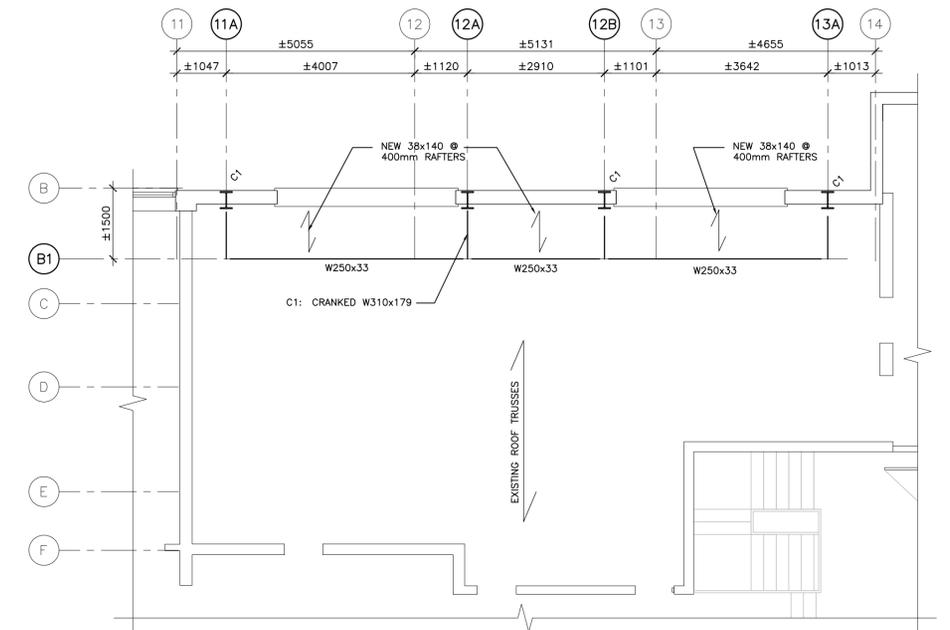
project date  
date du projet **2016/05/10**

project no.  
no. du projet

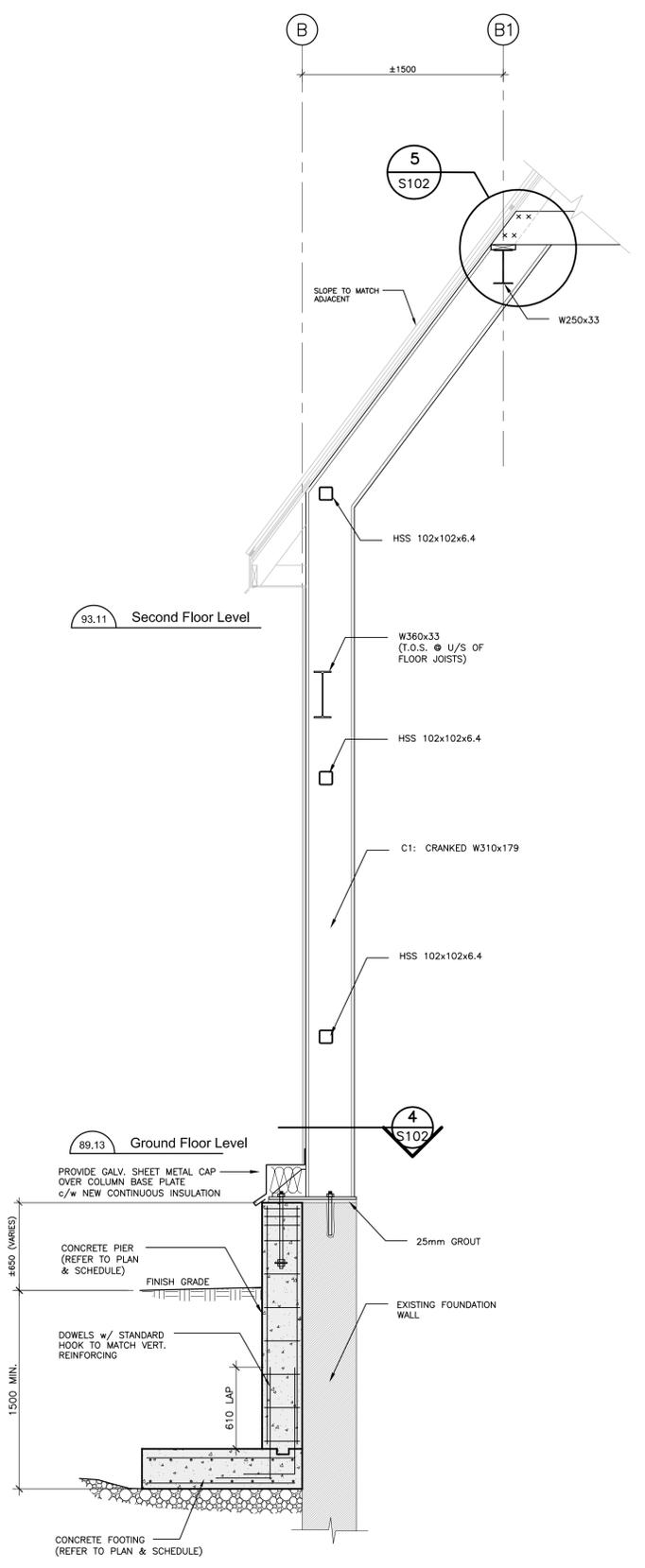
drawing no.  
dessiné no. **S101**



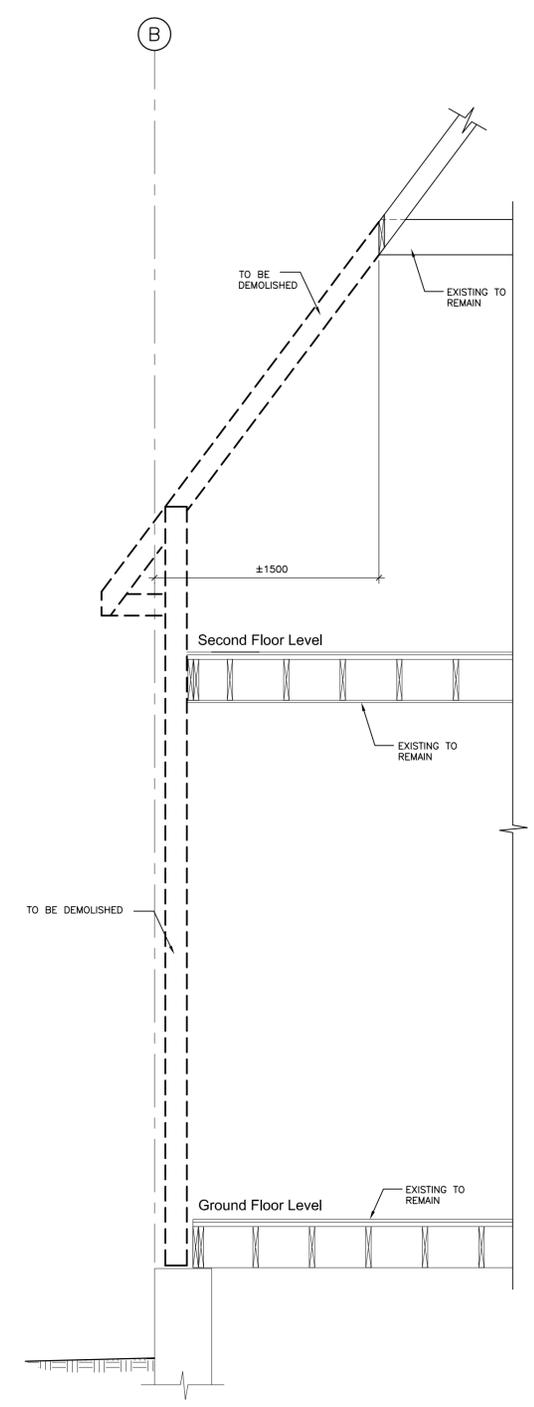
**2 ELEVATION: NEW WALL (AREA OF WORK)**  
 S101 SCALE: N.T.S.



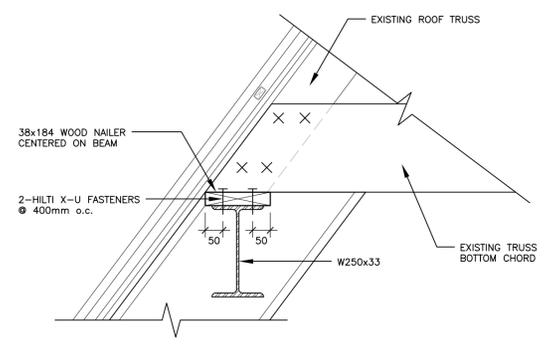
**1 PLAN: ROOF FRAMING**  
 S101 SCALE: 1:75



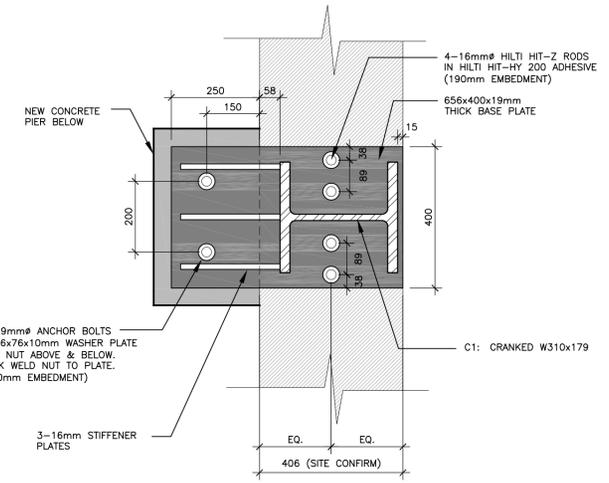
**3 SECTION: NEW STRUCTURAL WALL**  
 S101 SCALE: 1:25



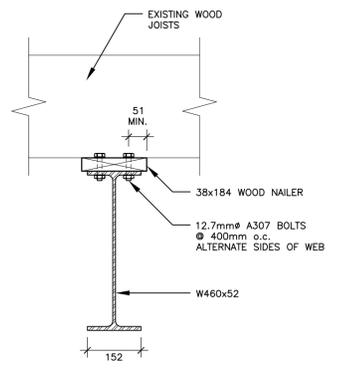
**4 SECTION: WALL DEMOLITION**  
 S101 SCALE: 1:25



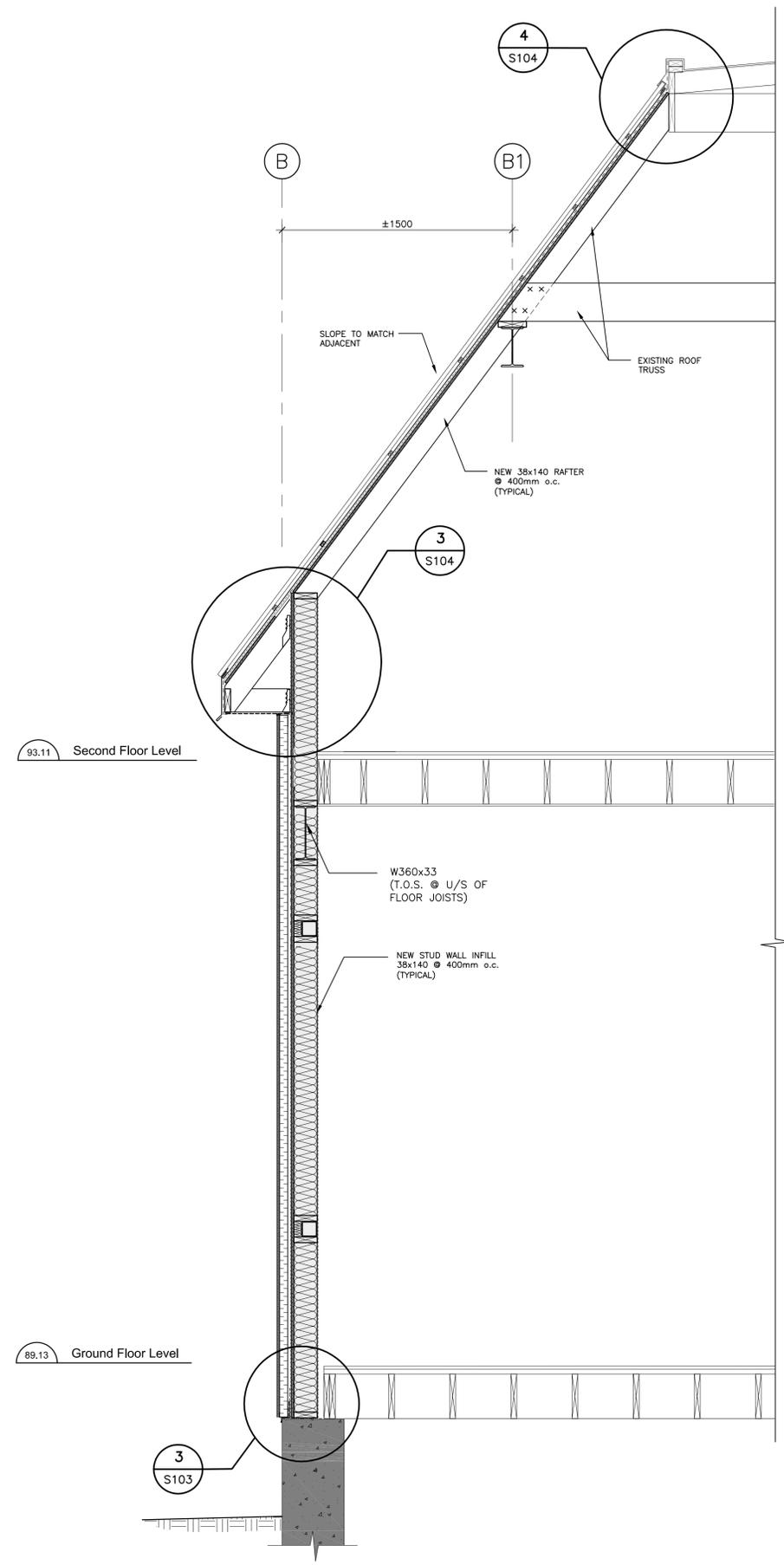
**5 SECTION: TRUSS BEARING**  
S102 SCALE: 1:10



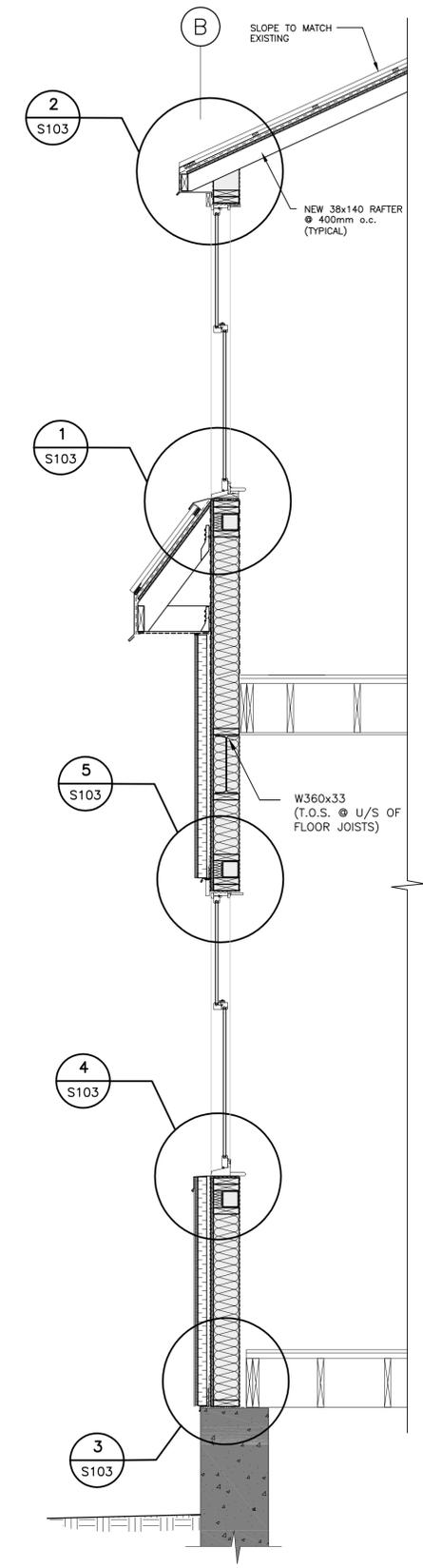
**4 SECTION: BASE PLATE**  
S102 SCALE: 1:10



**3 SECTION: JOIST BEARING**  
S102 SCALE: 1:10



**2 SECTION: TYPICAL MANSARD WALL**  
S102 SCALE: 1:20



**1 SECTION: TYPICAL DORMER WALL**  
S102 SCALE: 1:20



04		
03	ISSUED FOR TENDER	JUN 17/16
02	ISSUED FOR 99% REVIEW	MAY 20/16
01	ISSUED FOR 50% REVIEW	MAY 10/16
revision		date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

A	Detail No.
B	No. du détail
B	drawing no. - where detail required
B	dessin no. - où détail exigé
C	drawing no. - where detailed
C	dessin no. - où détaillé

project title  
titre du projet  
**EXTERIOR WALL REPAIR  
CENTRAL EXPERIMENTAL FARM  
BUILDING #55**

drawing title  
titre du dessin  
**SECTIONS & DETAILS**

drawn by  
dessiné par **M.E.**

designed by  
conçu par **A.S./C.F.**

approved by  
approuvé par **A.S./C.F.**

tender submission  
soumission project manager  
administrateur de projets

project date  
date du projet **2016/05/10**

project no.  
no. du projet

drawing no.  
dessiné no. **S102**



04		
03	ISSUED FOR TENDER	JUN 17/16
02	ISSUED FOR 99% REVIEW	MAY 20/16
01	ISSUED FOR 50% REVIEW	MAY 10/16
revision		date

Do not scale drawings.  
 Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

	A	Detail No.
	B	No. du détail
	C	drawing no. - where detail required dessin no. - où détail exigé

project title  
titre du projet

**EXTERIOR WALL REPAIR  
 CENTRAL EXPERIMENTAL FARM  
 BUILDING #55**

**SECTIONS & DETAILS**

drawn by  
dessiné par **M.E.**

designed by  
conçu par **A.S./C.F.**

approved by  
approuvé par **A.S./C.F.**

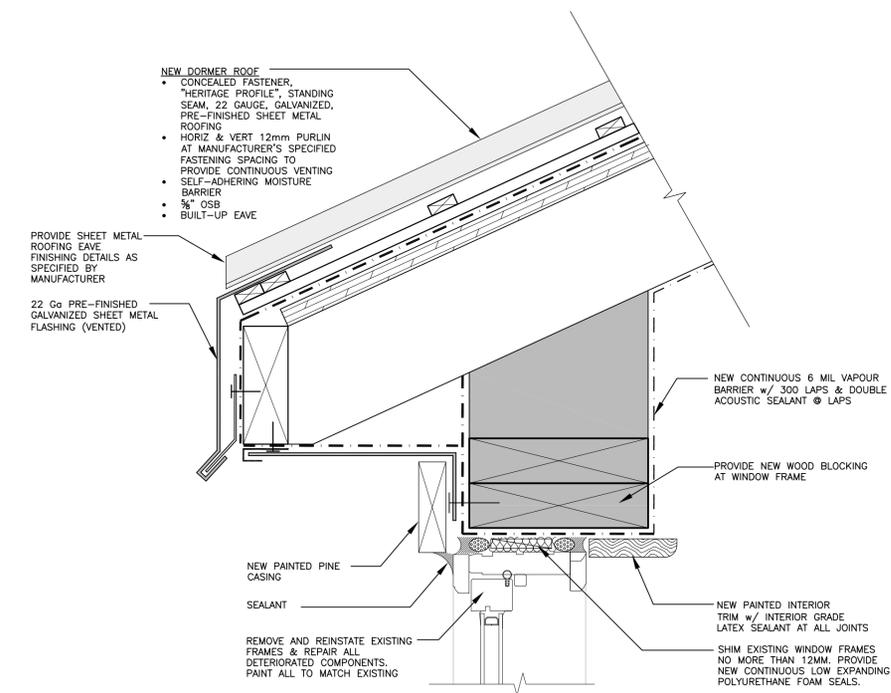
tender  
soumission

project manager  
administrateur de projets

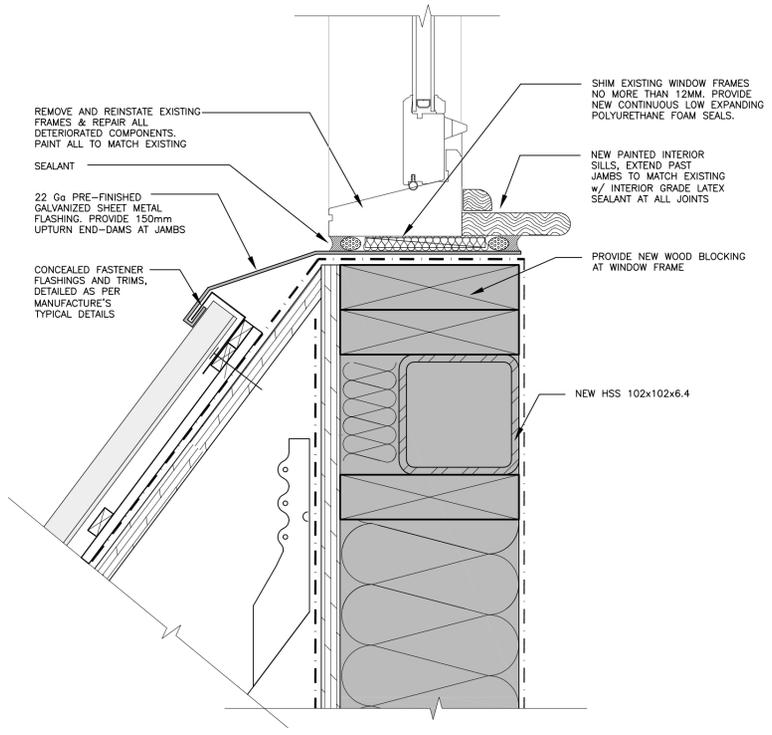
project date  
date du projet **2016/05/10**

project no.  
no. du projet

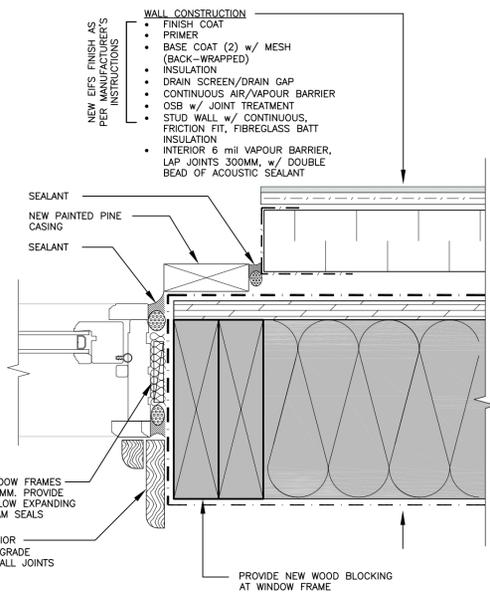
drawing no.  
dessiné no. **S103**



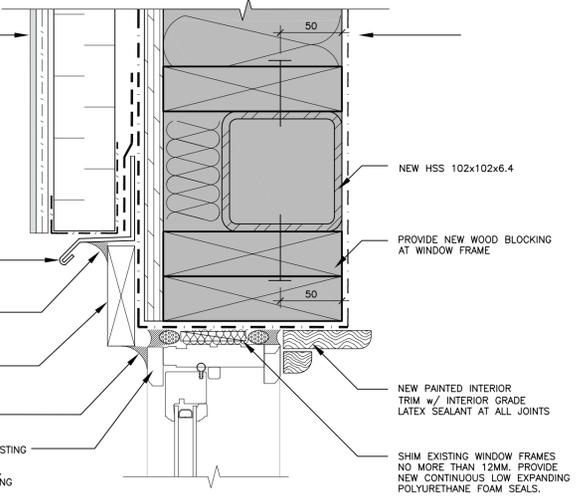
**2 DETAIL: DORMER HEAD**  
 S103 SCALE: N.T.S.



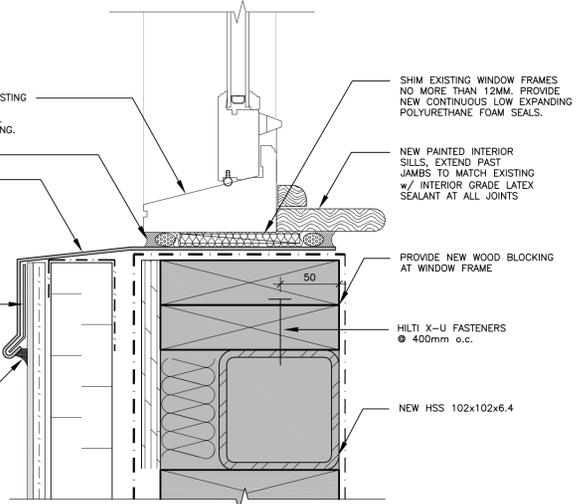
**1 DETAIL: DORMER SILL**  
 S103 SCALE: N.T.S.



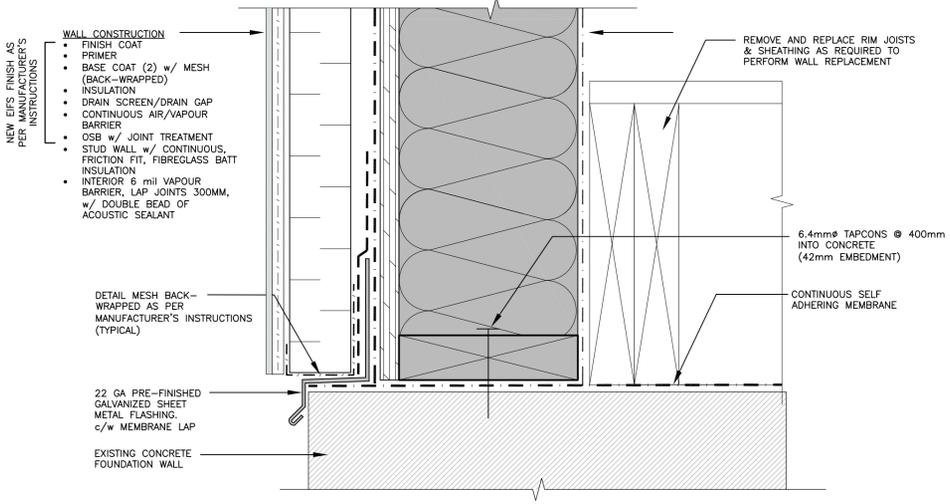
**6 DETAIL: WINDOW JAMB @ STUCCO**  
 S103 SCALE: N.T.S.



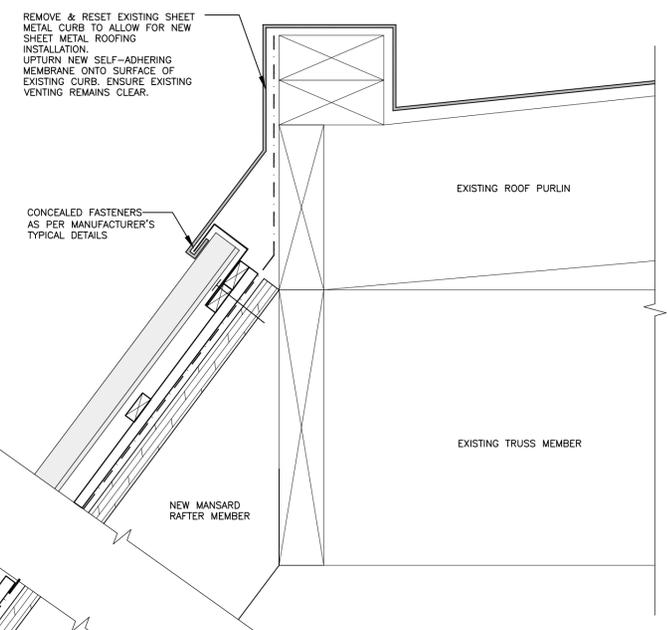
**5 DETAIL: WINDOW HEAD @ STUCCO**  
 S103 SCALE: N.T.S.



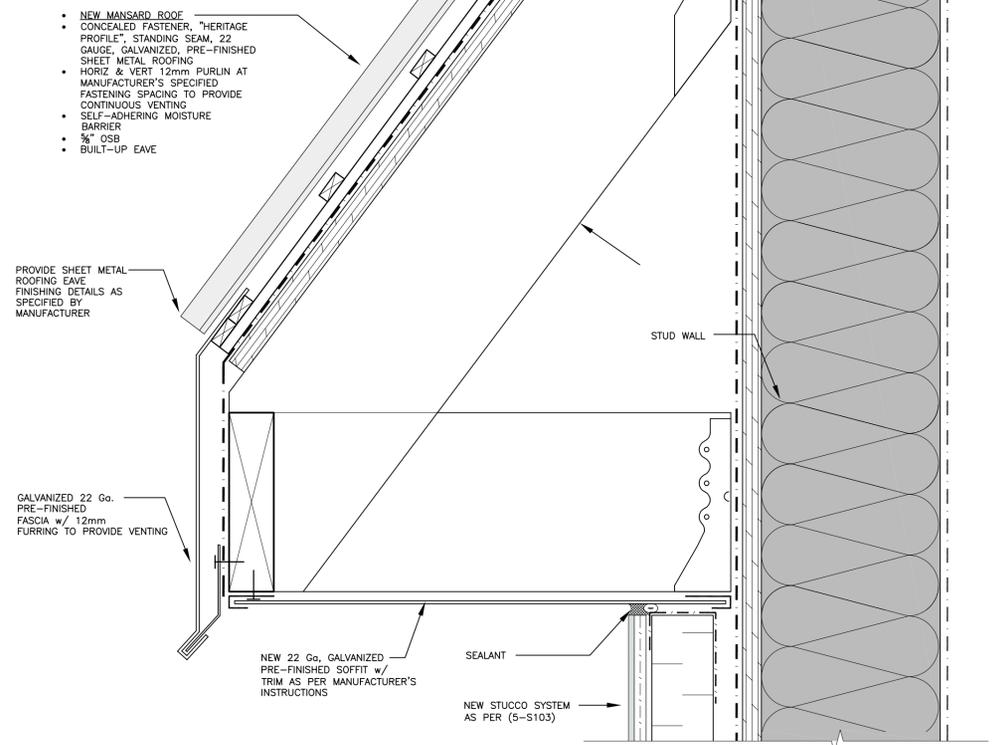
**4 DETAIL: WINDOW SILL @ STUCCO**  
 S103 SCALE: N.T.S.



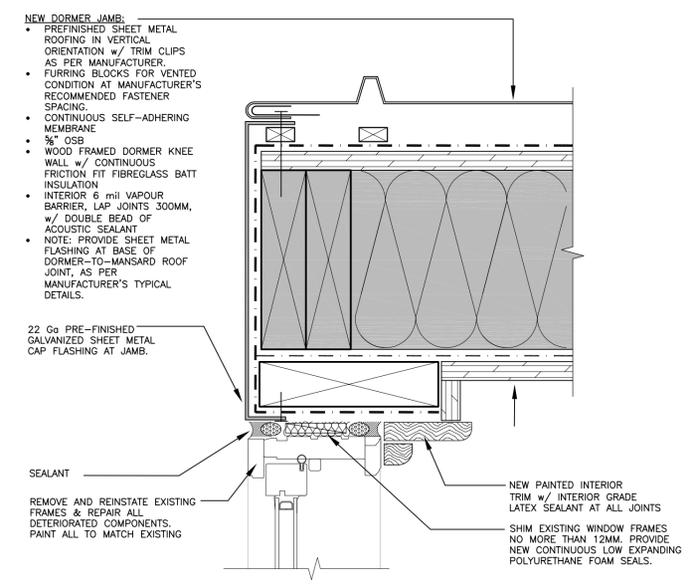
**3 DETAIL: STUCCO TERMINATION @ FOUNDATION**  
 S103 SCALE: N.T.S.



**3** DETAIL: SECTION AT MANSARD/UPPER ROOF  
S104 SCALE: N.T.S.



**2** DETAIL: MASARD EAVE & STUCCO  
S104 SCALE: N.T.S.



**1** DETAIL: WINDOW JAMB & DORMER  
S104 SCALE: 1:20



04		
03	ISSUED FOR TENDER	JUN 17/16
02	ISSUED FOR 99% REVIEW	MAY 20/16
01	ISSUED FOR 50% REVIEW	MAY 10/16
revision		date

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

A	Detail No. No. du détail
B	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title  
titre du projet  
**EXTERIOR WALL REPAIR  
CENTRAL EXPERIMENTAL FARM  
BUILDING #55**

drawing title  
titre du dessin  
**SECTIONS & DETAILS**

drawn by  
dessiné par **M.E.**

designed by  
conçu par **A.S./C.F.**

approved by  
approuvé par **A.S./C.F.**

tender submission  
soumission de projet

project date  
date du projet **2016/05/10**

project no.  
no. du projet

drawing no.  
dessiné no. **S104**