

GENERAL NOTES

1. WORK & MATERIALS TO CONFORM TO THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA, 2015.
2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH & SAFETY ACT OF NOVA SCOTIA.
3. NO ALTERATIONS TO STRUCTURAL DETAILS TO BE MADE WITHOUT THE WRITTEN PERMISSION OF PARKS CANADA AGENCY (PCA) REPRESENTATIVE.
4. CONSTRUCTION ERRORS ARE TO BE DOCUMENTED & REPORTED TO PCA REPRESENTATIVE BEFORE PROCEEDING WITH SUBSEQUENT WORK.
5. PRIOR TO START OF DEMOLITION, CONTRACTOR TO SUBMIT FOR REVIEW AND APPROVAL, A PROTECTION PLAN AND METHODOLOGY TO PROTECT ADJACENT ELEMENTS DESIGNATED TO REMAIN FROM DEMOLITION, CONSTRUCTION AND WEATHER RELATED DAMAGES.
6. CONTRACTOR TO COORDINATE DETAILS SHOWN ON THE STRUCTURAL DRAWINGS WITH ALL OTHER DISCIPLINES DRAWINGS & SPECIFICATIONS.
7. THE FOLLOWING SHOP DRAWINGS TO BE SUBMITTED TO THE PCA REPRESENTATIVE:
 - A. STRUCTURAL STEEL FABRICATION. STRUCTURAL STEEL FABRICATION DRAWINGS TO BE STAMPED BY A PROFESSIONAL ENGINEER, REGISTERED OR LICENSED IN THE PROVINCE OF NOVA SCOTIA.
 - B. TEMPORARY SHORING DRAWINGS TO BE STAMPED BY A PROFESSIONAL ENGINEER, REGISTERED OR LICENSED TO PRACTICE IN THE PROVINCE OF NOVA SCOTIA, WHO WILL BE RESPONSIBLE FOR THE DESIGN OF THE SHORING & ASSOCIATED CONNECTIONS.
8. ALL STANDARDS & SPECIFICATIONS NOTED TO REFLECT "LATEST EDITION".
9. CONTRACTOR TO SITE VERIFY AND COORDINATE ALL DIMENSIONS WITH ALL OTHER DISCIPLINE DRAWINGS. NOTIFY THE PCA REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
10. DUE TO THE HERITAGE VALUE OF THE EXISTING BUILDING UNDER CONTRACT, ALL REPAIR WORK MUST BE EXECUTED WITH MINIMAL DISTURBANCE TO THE EXISTING BUILDING FABRIC. PROTECTION OF THE EXISTING BUILDING FABRIC FROM DAMAGE CAUSED BY THE WORK OF THIS CONTRACT IS TO BE OF THE HIGHEST PRIORITY DURING THE EXECUTION OF WORK. THE CONTRACTOR IS TO IMPLEMENT ALL NECESSARY PROTECTIVE MEASURES AND PROCEDURES TO ENSURE THE RISK OF DAMAGE TO THE EXISTING BUILDING FABRIC IS MINIMIZED AND WILL BE HELD RESPONSIBLE FOR THE COST OF REMEDIATION TO THE EXISTING BUILDING FABRIC CAUSED AS A RESULT OF THIS WORK.
11. DUE TO THE HERITAGE VALUE OF THE BUILDING, REMOVAL AND DISPOSAL OF ANY EXISTING BUILDING MATERIALS FROM THE SITE AS A RESULT OF DEMOLITION OR CONSTRUCTION ACTIVITIES IS TO BE APPROVED BY PARKS CANADA PRIOR THEIR REMOVAL.
12. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING OF EXISTING INFRASTRUCTURE AS A RESULT OF THE INSTALLATION OF NEW REINFORCING, EXISTING INFRASTRUCTURE TO BE RESTORED TO EXISTING CONDITION OR BETTER.

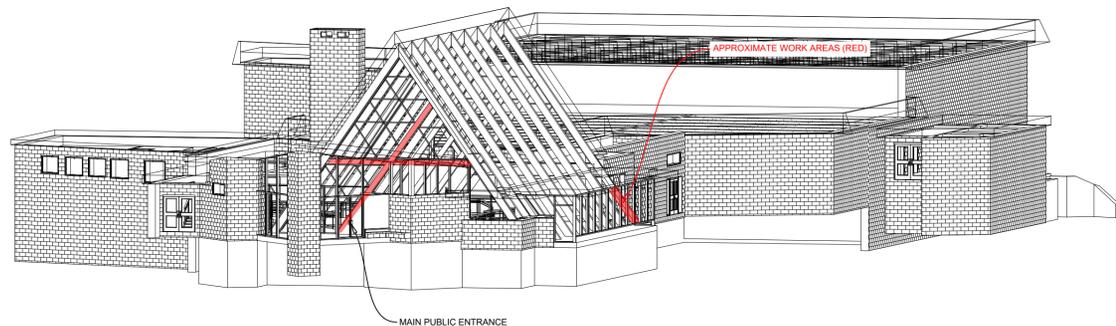
DESIGN NOTES

1. STRUCTURAL ELEMENTS DESIGNED IN ACCORDANCE WITH:
 - A. CONCRETE: CSA A23.3
 - B. STEEL: CSA S16
 - C. TIMBER: CSA-086

2. DESIGN LOADING (NORTH SYDNEY)

WIND:
 $q_{10} = 0.46 \text{ KPa}$
 $q_{50} = 0.59 \text{ KPa}$

SNOW
 $S_s = 2.4 \text{ KPa}$
 $S_f = 0.6 \text{ KPa}$



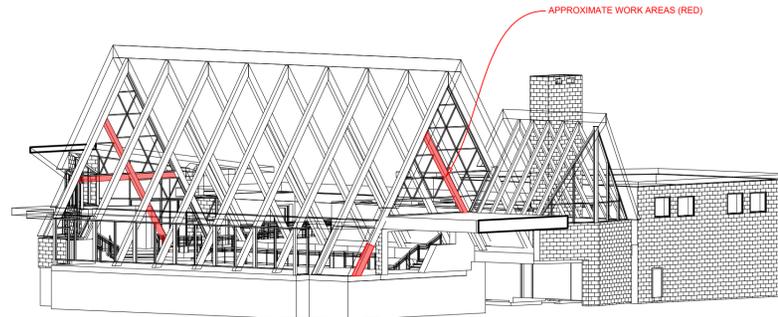
S1 3D PERSPECTIVE - FRONT - SOUTHWEST

EXECUTION STEEL

1. APPLICATION
 - 1.1. MANUFACTURES INSTRUCTIONS: COMPLY WITH MANUFACTURES WRITTEN RECOMMENDATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, STORAGE, AND INSTALLATION INSTRUCTIONS, AND DATA SHEETS.
2. GENERAL
 - 2.1. STRUCTURAL STEEL WORK: IN ACCORDANCE WITH CAN/CSA-S16, CAN/CSA-S136.
 - 2.2. WELDING: IN ACCORDANCE WITH CSA W-59.
 - 2.3. COMPANIES TO BE CERTIFIED UNDER DIVISION 1 OR 2.1 OF CSA W47.1 FOR FUSION WELDING OF STEEL STRUCTURES AND OR CSA W55.3 FOR RESISTANCE WELDING OF STRUCTURAL COMPONENTS.
 - 2.4. ALL STEEL TO BE SHOP WELDED UNLESS NOTED ON DRAWINGS.
 - 2.5. ALL STRUCTURAL STEEL TO BE NEW STOCK & CONFORM TO THE FOLLOWING GRADES & STANDARD:
 - 2.5.1. STEEL SECTIONS - CAN/CSA-G40.21, GRADE 350W OR ASTM 572, GRADE 345 MPa WHERE APPLICABLE.
 - 2.5.2. HOLLOW STRUCTURAL SECTIONS - CAN/CSA-G40.21, GRADE 350W CLASS C OR ASTM A500, GRADE 345 MPa. CLASS C WHERE APPLICABLE.
 - 2.5.3. ANGLES, CHANNELS & PLATES - CAN/CSA-G40.21, GRADE 300W.
 - 2.5.4. BARS - CAN/CSA-G40.21, GRADE 300W.
 - 2.6. ALL BOLTS, NUTS & WASHERS FOR STRUCTURAL STEEL CONNECTIONS TO CONFORM TO ASTM F3125/F3125M, LATEST EDITION U.N.O.
 - 2.7. ALL ANCHOR RODS, NUTS & WASHERS TO CONFORM TO ASTM A307 OR ASTM A449 AS NOTED, LATEST EDITION U.N.O.
 - 2.8. SPLICES IN STRUCTURAL STEEL MEMBERS, OTHER THAN THOSE SHOWN ON THE DRAWINGS, MUST HAVE THE WRITTEN APPROVAL OF CONSULTANT AND PCA REPRESENTATIVE.
 - 2.9. GRIND ALL FIELD WELD AREAS FREE OF GALVANIZING BEFORE WELDING. COAT ALL FIELD WELDS, NICKS/SCRATCHES & BOLTED CONNECTIONS WITH ZINC RICH PRIMER IN ACCORDANCE WITH CAN/CSB 1.181
 - 2.10. ALL STEEL NOTED TO BE GALVANIZED (EXTERIOR ONLY) TO BE BY HOT DIP METHOD WITH MINIMUM ZINC COATING 600g/m² (2.0 oz/ft²) & CONFORMING TO ASTM A123/123M. APPLICABLE TO ALL STEEL ON EXTERIOR SIDE OF A-FRAME AT GRIDLINE 9.
3. CONNECTION TO EXISTING WORK
 - 3.1. VERIFY DIMENSIONS AND CONDITION OF EXISTING WORK, REPORT DISCREPANCIES AND POTENTIAL PROBLEM AREAS TO PCA REPRESENTATIVE AND CONSULTANT PRIOR TO FABRICATION.
4. SHOP PAINTING STEEL:
 - 4.1. APPLY ALL PAINT AND PAINT PRODUCTS AS PER MANUFACTURES INSTRUCTIONS.
 - 4.2. SHOP PAINT PRIMER: CISC/CPMA2-75 SOLVENT, REDUCIBLE ALKYD, GRAY.
 - 4.1. CLEAN, PREPARE SURFACES AND SHOP PRIME STRUCTURAL STEEL IN ACCORDANCE WITH CAN/CSA-S136 AND/OR CAN/CSA-S16.
 - 4.2. CLEAN MEMBERS, REMOVE LOOSE MILL SCALE, RUST, OIL, DIRT AND FOREIGN MATTER. PREPARE SURFACE ACCORDING TO NACE No.3/SSPC-SP-6.
 - 4.3. APPLY ONE COAT OF PRIMER IN SHOP TO STEEL SURFACES:
 - 4.3.1. SURFACES AND EDGES TO BE FIELD WELDED.
 - 4.3.2. FAYING SURFACES OF SLIP-CRITICAL CONNECTIONS.
 - 4.4. APPLY 2 COATS OF PAINT UNDER COVER, ON DRY SURFACES (WHEN SURFACE AND AIR TEMPERATURE ARE ABOVE 5 DEGREES C) TO PROVIDE SMOOTH OPAQUE FINISH.
 - 4.5. MAINTAIN DRY CONDITION AND 5 DEGREES C MINIMUM TEMPERATURE UNTIL PAINT IS THOROUGHLY DRY.
 - 4.6. STRIP PAINT FROM BOLTS, NUTS, SHARP EDGES AND CORNERS BEFORE PRIME COAT IS DRY.
 - 4.7. CONTRACTOR TO PROVIDE PAINT COLOUR SAMPLE TO MATCH EXISTING GLULAM BEAMS FOR PARKS CANADA AGENCY APPROVAL PRIOR TO FABRICATION.
5. MARKING
 - 5.1. MARK MATERIALS IN ACCORDANCE WITH CSA G40.20/G40.21 DO NOT USE DIE STAMPING.
 - 5.2. MATCH MARKING: SHOP MARK BEARING ASSEMBLIES AND SPLICES FOR FIT AND MATCH.
6. ERECTION
 - 6.1. ERECT STRUCTURAL STEEL, AS INDICATED AND IN ACCORDANCE WITH CAN/CSA-S16 AND IN ACCORDANCE WITH APPROVED ERECTION DRAWINGS.
 - 6.2. FIELD CUTTING OR ALTERING STRUCTURAL MEMBERS: TO BE APPROVED BY CONSULTANT.
 - 6.3. CLEAN WITH MECHANICAL BRUSH AND TOUCH UP SHOP PRIMER TO BOLTS, RIVETS, WELDS AND BURNED OR SCRATCHED SURFACES AT COMPLETION OF ERECTION.
 - 6.4. CONTINUOUSLY SEAL MEMBERS BY CONTINUOUS WELDS WHERE INDICATED. GRIND SMOOTH.
7. FIELD QUALITY CONTROL
 - 7.1. PERIODIC & DISCRETIONARY SITE OBSERVATIONS WILL BE MADE AT THE JOB SITE BY PCA REPRESENTATIVES AND THE CONSULTANT. THESE ARE NECESSARILY LIMITED IN SCOPE TO OBSERVATION OF WORK IN PROGRESS AT THE TIME OF THE SITE OBSERVATION. THESE SITE OBSERVATIONS DO NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO PROVIDE CONTINUOUS ON-SITE SUPERVISION OF ALL WORK TO ENSURE THAT BOTH THE INTENT & DETAILS OF THE DRAWINGS & SPECIFICATIONS ARE BEING FOLLOWED.
8. FIELD PAINTING
 - 8.1. TOUCH UP DAMAGED SURFACES, SURFACES WITHOUT SHOP COAT WITH PRIMER AND FINISHED PAINT COATES TO NACE NO.3/SSPC-SP-6 EXCEPT SPECIFIED OTHERWISE. APPLY IN ACCORDANCE: MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL.
9. CLEANING
 - 9.1. LEAVE WORK AREA CLEAN TO THE SATISFACTION OF PCA REPRESENTATIVE AT THE END OF EACH DAY.

EXECUTION TIMBER

1. GENERAL
 - 1.1. ALL TIMBER AND LUMBER TO COMPLY WITH DESIGN STANDARD CSA-086 AND ALL DIMENSIONAL LUMBER TO COMPLY WITH CSA-0141.
 - 1.2. CUTTING OF HOLES OR REMOVAL OF STRUCTURAL FRAMING BY TRADES FOR INSTALLATION OF PIPING, DUCTWORK, ELECTRICAL, ETC. IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM THE CONSULTANT AND THE PCA REPRESENTATIVE.
2. EXAMINATION
 - 2.1. VERIFICATION OF CONDITIONS: VERIFY CONDITIONS OF SUBSTRATES PREVIOUSLY INSTALLED UNDER OTHER SECTIONS OR CONTRACTS ARE ACCEPTABLE FOR PRODUCT INSTALLATION IN ACCORDANCE WITH MANUFACTURES WRITTEN INSTRUCTIONS.
 - 2.2. VERIFY INSPECT SUBSTRATE.
 - 2.3. INFORM PCA REPRESENTATIVE AND CONSULTANT OF UNACCEPTABLE CONDITIONS IMMEDIATELY UPON DISCOVERY.
 - 2.4. PROCEED WITH INSTALLATION ONLY AFTER UNACCEPTABLE CONDITIONS HAVE BEEN REMEDIED AND AFTER RECEIPT OF WRITTEN APPROVAL TO PROCEED FROM PCA REPRESENTATIVE AND CONSULTANT.
3. SYSTEM INTEGRATION
 - 3.1. INSTALL AIR BARRIER AND VAPOR RETARDER SHEETING AROUND FRAMING MEMBERS TO ENSURE CONTINUITY OF PROTECTION AND TO LAP AND SEAL TO MAIN SHEETS.
 - 3.2. INSTALL INSULATION IN EXTERIOR WALL FRAMING CAVITIES THAT WILL NOT BE ACCESSIBLE AFTER COMPLETION OF FRAMING.
 - 3.3. INSTALL SILL PLATE GASKET IN CONTINUOUS LENGTHS BETWEEN CONCRETE SURFACES AND WOOD FRAMING.
4. FRAMING INSTALLATION
 - 4.1. INSTALL ENGINEERED FRAMING AND PLANT FABRICATED STRUCTURAL WOOD COMPONENTS, INCLUDING ALL HANGERS, CONNECTORS AND FASTENERS, IN ACCORDANCE WITH ACCEPTED SHOP DRAWINGS AND MANUFACTURES INSTRUCTIONS.
 - 4.2. INSTALL MEMBERS TRUE TO LINE, LEVELS AND ELEVATIONS, SQUARE AND PLUMB.
 - 4.3. SELECT EXPOSED FRAMING FOR APPEARANCE. INSTALL MATERIALS SO THAT GRADE-MARKS AND OTHER DEFACING MARKS ARE CONCEALED OR ARE REMOVED BY SANDING WHERE MATERIALS ARE LEFT EXPOSED.
 - 4.4. FRAME, ANCHOR, FASTEN, TIE, AND BRACE MEMBERS TO PROVIDE NECESSARY STRENGTH AND RIGIDITY.
 - 4.5. COUNTERSINK BOLTS WHERE NECESSARY TO PROVIDE CLEARANCE FOR OTHER WORK.
 - 4.6. INSTALL SPECIFIED PANEL PRODUCT FOR EACH APPLICATION.
5. CLEANING
 - 5.1. PROGRESS CLEANING: LEAVE WORK AREA CLEAN AT THE END OF EACH DAY TO THE SATISFACTION OF PCA REPRESENTATIVES.
 - 5.2. FINAL CLEANING: UPON COMPLETION, REMOVE SURPLUS MATERIALS, RUBBISH, TOOLS AND EQUIPMENT TO THE SATISFACTION OF PCA REPRESENTATIVES.
6. WASTE MANAGEMENT
 - 6.1. SEPARATE WASTE MATERIALS FOR RECYCLING IN ACCORDANCE WITH PARKS CANADA REQUIREMENTS.
 - 6.2. REUSE SCRAP LUMBER TO THE GREATEST EXTENT POSSIBLE. SEPARATE SCRAP LUMBER FOR USE ON SITE AS ACCESSORY COMPONENTS INCLUDING SHIMS, BRACING AND BLOCKING.
 - 6.3. DO NOT LEAVE ANY WOOD SHAVINGS, SAWDUST, ETC. ON THE GROUND.
 - 6.4. DO NOT BURN SCRAP LUMBER THAT HAS BEEN PRESSURE TREATED.
 - 6.5. DO NOT SEND LUMBER TREATED WITH PENTACHLOROPHENOL, CCA, OR ACA TO CO-GENERATION FACILITIES OR "WASTER-TO-ENERGY" FACILITIES.
7. PROTECTION
 - 7.1. PROTECT INSTALLED PRODUCTS AND COMPONENTS FROM DAMAGE DURING CONSTRUCTION
 - 7.2. REPAIR DAMAGE TO ADJACENT MATERIALS CAUSED BY ROUGH CARPENTRY INSTALLATION.



S2 3D PERSPECTIVE - BACK - SOUTHEAST

ISSUE	DATE	DESCRIPTION
4	08/30/2021	REVISED AS PER PCA COMMENTS
3	07/07/2021	ISSUED FOR FINAL APPROVAL
2	05/19/2021	ISSUED FOR 90% REVIEW
1	03/25/2021	ISSUED FOR REVIEW

ISSUE DATE DESCRIPTION

CONSULTANT



PHONE: 902.832.5597 www.designpoint.ca



CLIENT



PROJECT DESCRIPTION

ALEXANDER GRAHAM BELL HISTORIC SITE (MUSEUM)

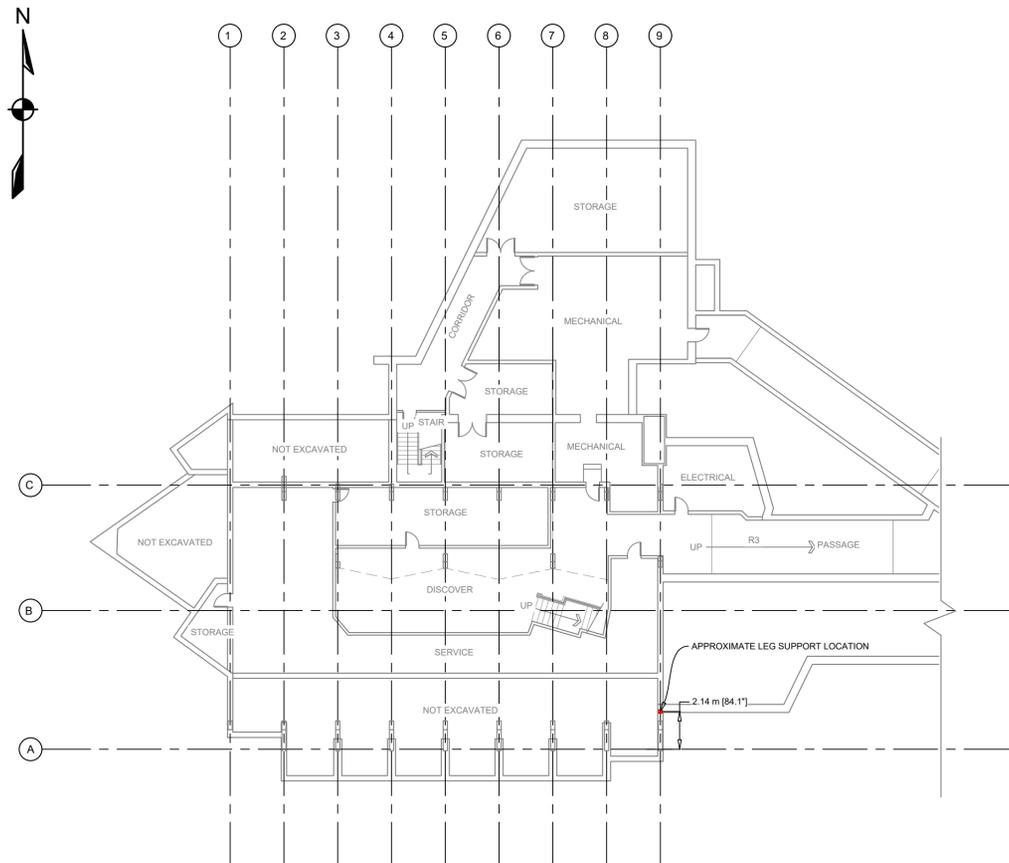
BADDECK, NOVA SCOTIA

SHEET DESCRIPTION

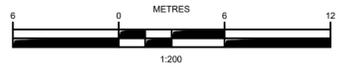
3D PERSPECTIVE & NOTES (INTERIM STRUCTURAL REPAIRS)

Drawn B. SMYTH Engineer E. TEASDALE Project No. 20-144 Drawing No. S-100

Scale N.T.S. Filename 20-144_S.dwg 1 of 5



S3 LOWER LEVEL - FLOOR PLAN



ISSUE	DATE	DESCRIPTION
4	08/30/2021	REVISED AS PER PCA COMMENTS
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2	05/19/2021	ISSUED FOR 90% REVIEW
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CONSULTANT

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PROJECT DESCRIPTION

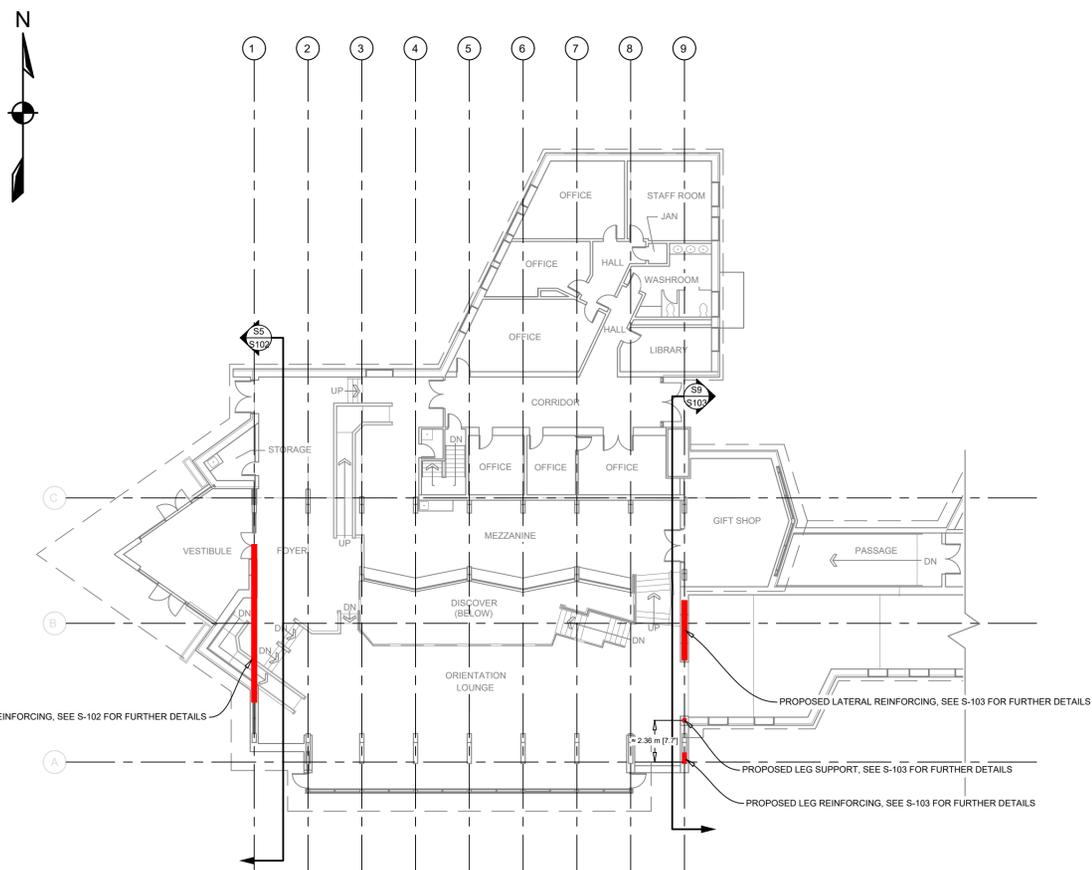
**ALEXANDER GRAHAM BELL
HISTORIC SITE (MUSEUM)**

BADDECK, NOVA SCOTIA

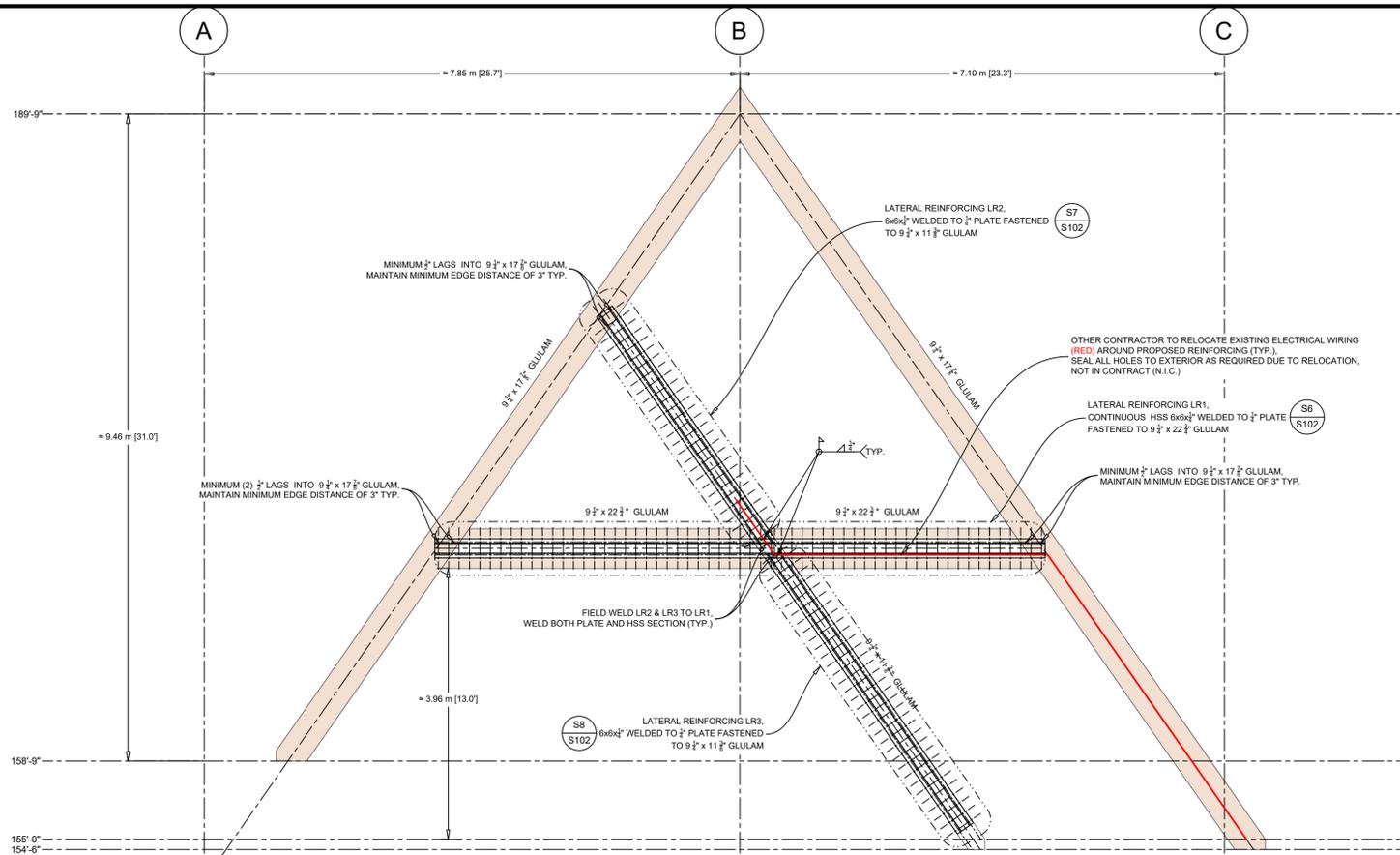
SHEET DESCRIPTION

**FLOOR PLANS
(INTERIM STRUCTURAL REPAIRS)**

Drawn B. SMYTH	Engineer E. TEASDALE	Project No. 20-144	Drawing No. S-101
Scale 1:200	Filename 20-144_S.dwg		2 of 5



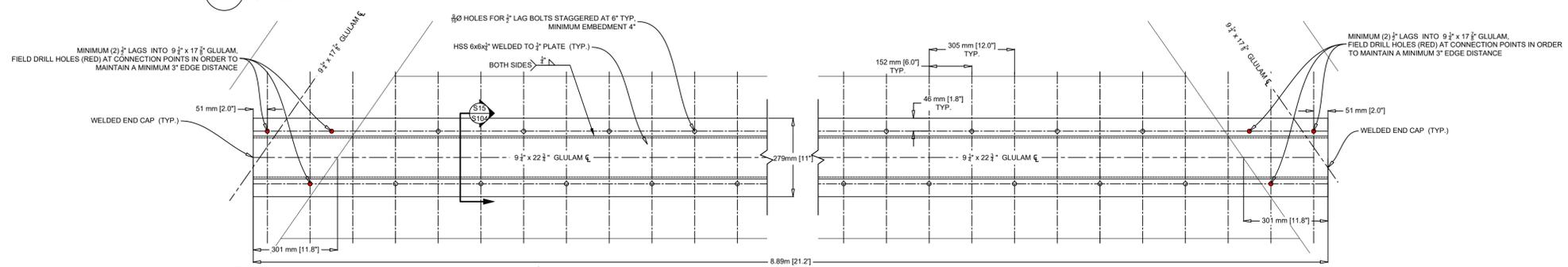
S4 MAIN LEVEL - FLOOR PLAN



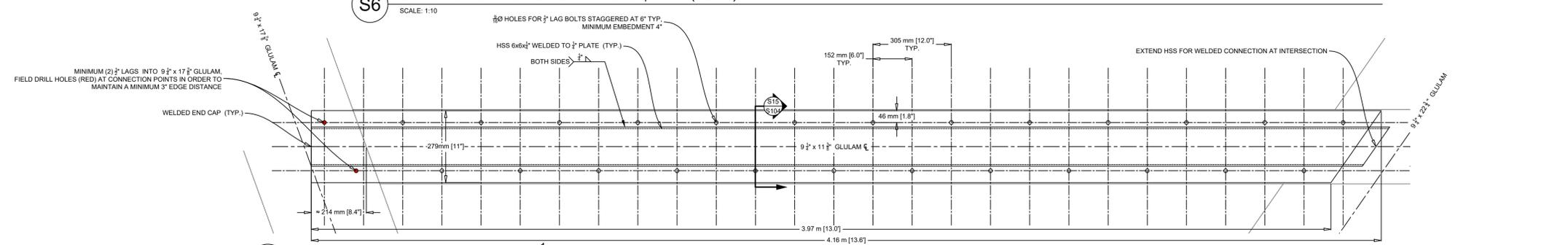
S5 LATERAL REINFORCING - GRIDLINE 1 (INSIDE VIEW)
SCALE: 1:50

REINFORCING NOTES:

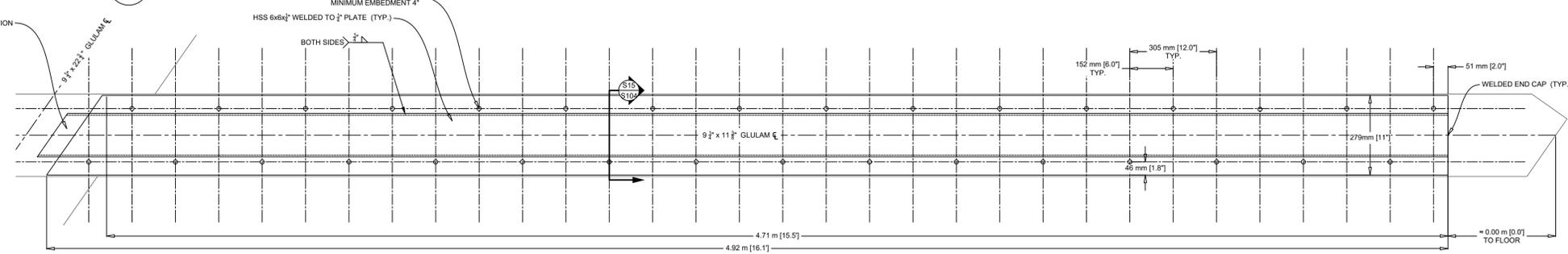
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
- ALL REINFORCING STEEL TO BE POSITIONED ALONG CENTER LINE OF EXISTING GLULAM BEAMS.
- CHANGES IN THE IDENTIFIED NUMBER, ORIENTATION, LOCATION AND/OR LAYOUT OF LAG BOLTS IS TO BE APPROVED BY THE CONSULTANT AND THE PARKS CANADA AGENCY (PCA) REPRESENTATIVE PRIOR TO THE INSTALLATION OF THE REINFORCING.
- ALL STEEL TO BE SHOP PAINTED PRIOR TO DELIVERY. FINAL COLOR SELECTION TO BE DETERMINED BY THE PCA REPRESENTATIVE.



S6 LATERAL REINFORCING LR1 - 6x6x1/4 HSS (PLAN)
SCALE: 1:10



S7 LATERAL REINFORCING LR2 - 6x6x1/4 HSS (PLAN)
SCALE: 1:10



S8 LATERAL REINFORCING LR3 - 6x6x1/4 HSS (PLAN)
SCALE: 1:10

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4	08/30/2021	REVISED AS PER PCA COMMENTS
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2	05/19/2021	ISSUED FOR 90% REVIEW
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CONSULTANT

PHONE: 902.832.5597 www.designpoint.ca

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PROJECT DESCRIPTION

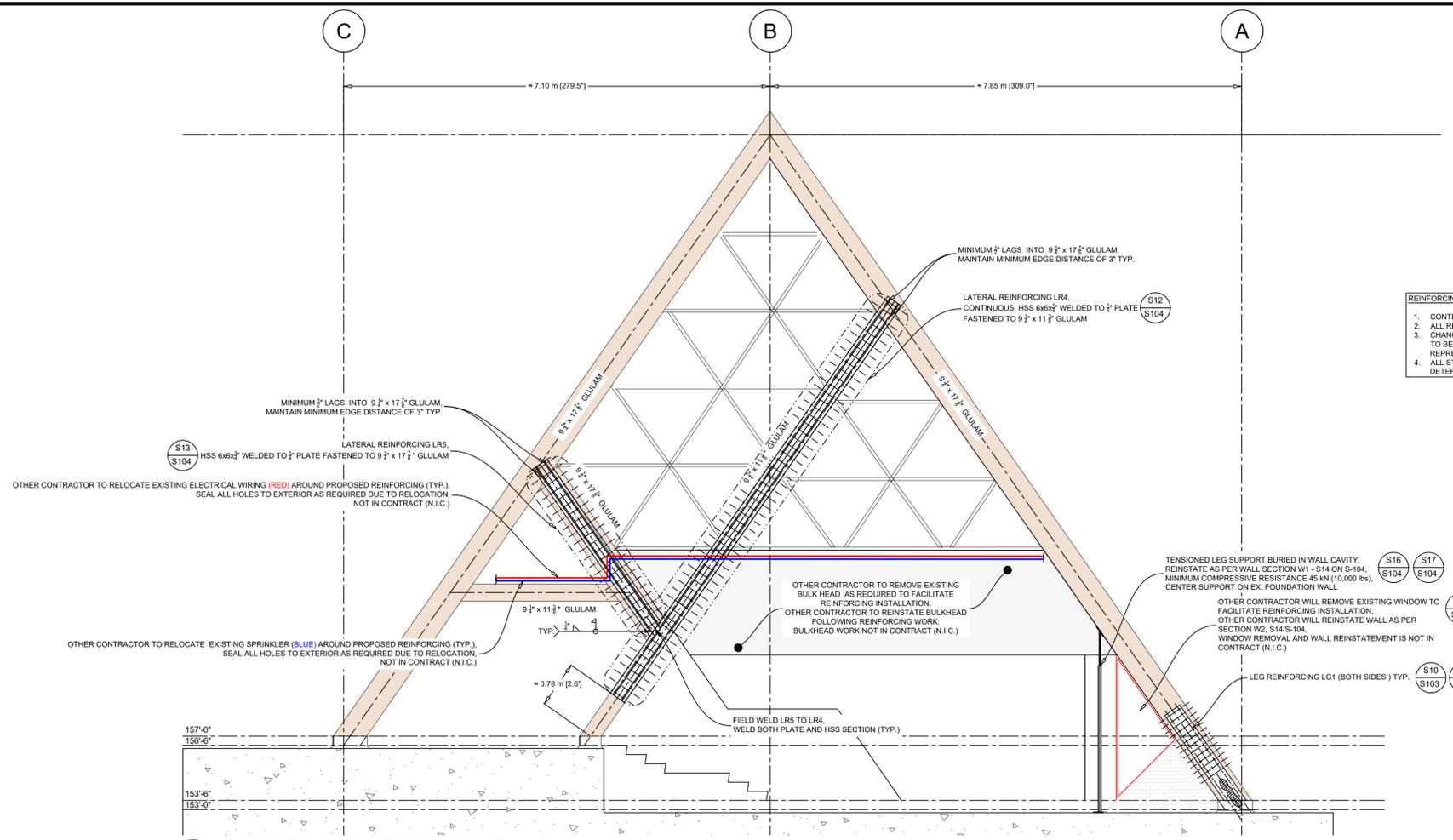
ALEXANDER GRAHAM BELL HISTORIC SITE (MUSEUM)

BADDECK, NOVA SCOTIA

SHEET DESCRIPTION

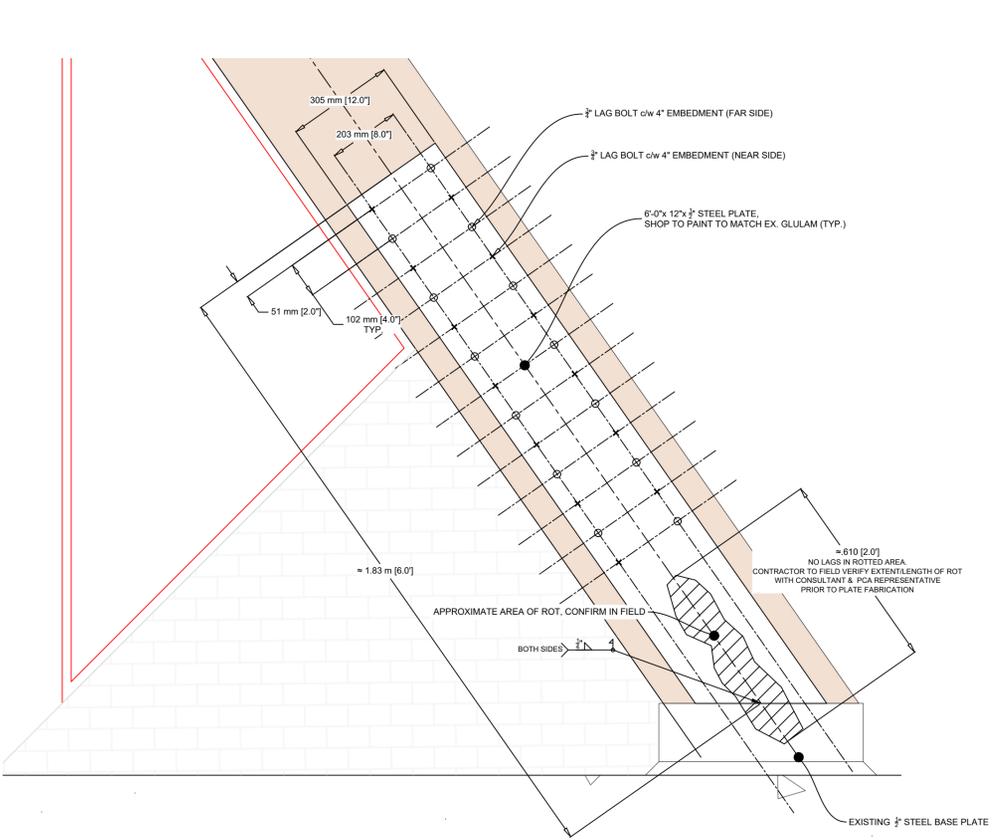
REINFORCING - GL1 (INTERIM STRUCTURAL REPAIRS)

Drawn B. SMYTH	Engineer E. TEASDALE	Project No. 20-144	Drawing No. S-102
Scale AS NOTED	Filename 20-144_S.dwg	3 of 5	

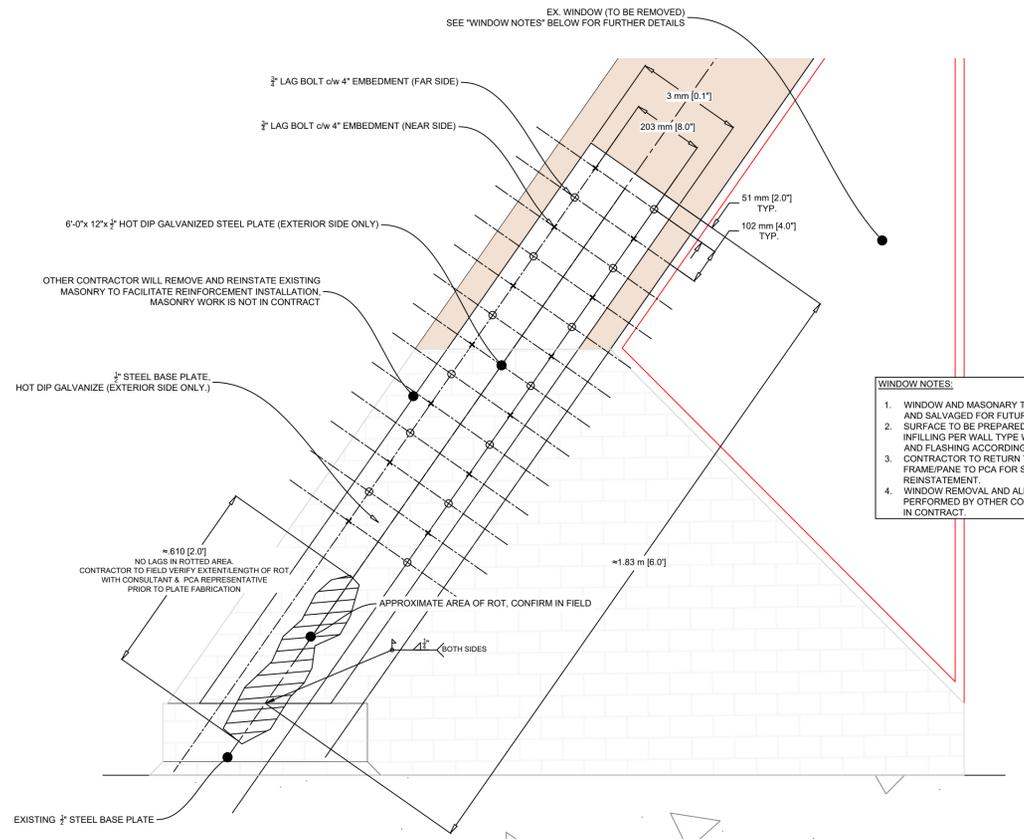


- REINFORCING NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
 - ALL REINFORCING STEEL TO BE POSITIONED ALONG CENTER LINE OF EXISTING GLULAM BEAMS.
 - CHANGES IN THE IDENTIFIED NUMBER, ORIENTATION, LOCATION AND OR LAYOUT OF LAG BOLTS IS TO BE APPROVED BY THE CONSULTANT AND THE PARKS CANADA AGENCY (PCA) REPRESENTATIVE PRIOR TO THE INSTALLATION OF THE REINFORCING.
 - ALL STEEL TO BE SHOP PAINTED PRIOR TO DELIVERY. FINAL COLOR SELECTION TO BE DETERMINED BY THE PCA REPRESENTATIVE.

S9 A-FRAME - GRIDLINE 9 (INSIDE VIEW)
SCALE: 1:50



S10 A-FRAME - GRIDLINE 9 - LEG REINFORCING LG1 (INTERIOR)
SCALE: 1:10



S11 A-FRAME - GRIDLINE 9 - LEG REINFORCING LG1 (EXTERIOR)
SCALE: 1:10

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CONSULTANT

PHONE: 902.832.5597 www.designpoint.ca

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PROJECT DESCRIPTION

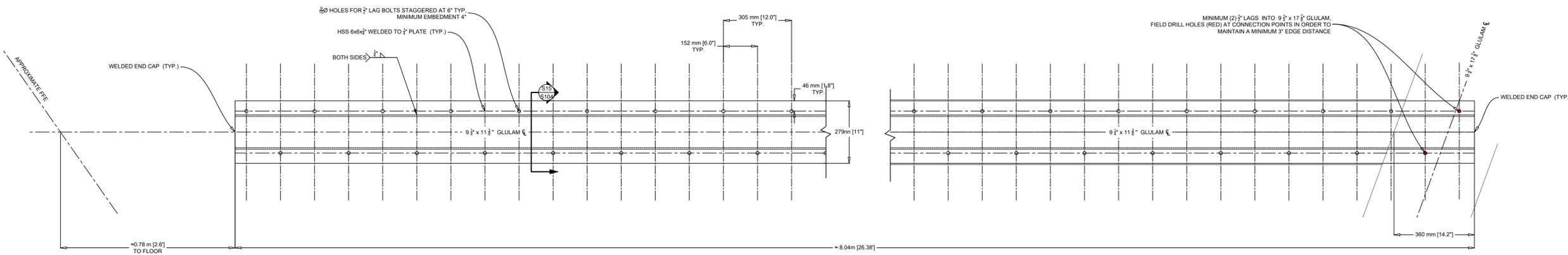
ALEXANDER GRAHAM BELL HISTORIC SITE (MUSEUM)

BADDECK, NOVA SCOTIA

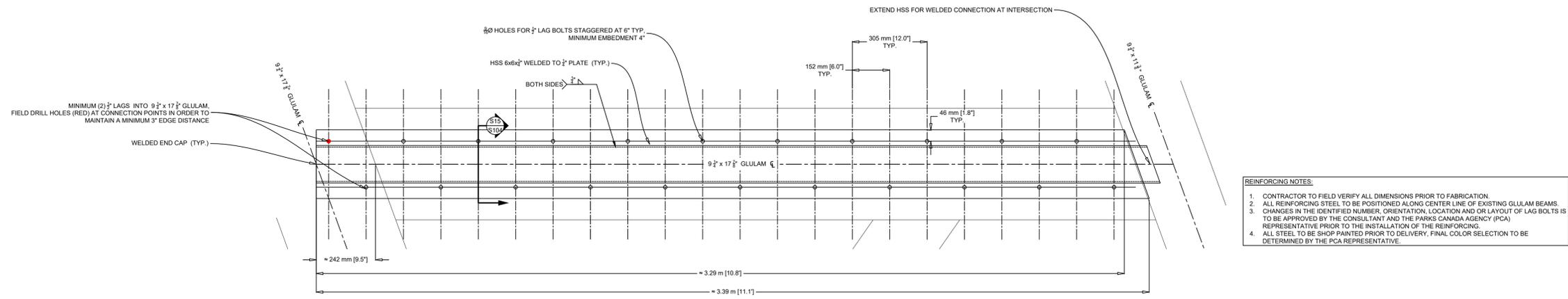
SHEET DESCRIPTION

REINFORCING - GL9 (INTERIM STRUCTURAL REPAIRS)

Drawn B. SMYTH	Engineer E. TEASDALE	Project No. 20-144	Drawing No. S-103
Scale AS NOTED	Filename 20-144_S.dwg		4 of 5



S12 LATERAL REINFORCING LR4 - 6x6x1/4 HSS (PLAN)
SCALE: 1:10

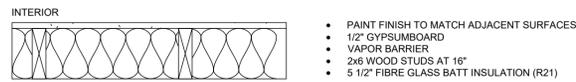


S13 LATERAL REINFORCING LR5 - 6x6x1/4 HSS (PLAN)
SCALE: 1:10

REINFORCING NOTES:

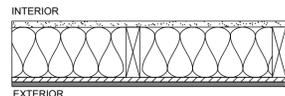
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
2. ALL REINFORCING STEEL TO BE POSITIONED ALONG CENTER LINE OF EXISTING GLULAM BEAMS.
3. CHANGES IN THE IDENTIFIED NUMBER, ORIENTATION, LOCATION AND OR LAYOUT OF LAG BOLTS IS TO BE APPROVED BY THE CONSULTANT AND THE PARKS CANADA AGENCY (PCA) REPRESENTATIVE PRIOR TO THE INSTALLATION OF THE REINFORCING.
4. ALL STEEL TO BE SHOP PAINTED PRIOR TO DELIVERY. FINAL COLOR SELECTION TO BE DETERMINED BY THE PCA REPRESENTATIVE.

W1 (BY OTHERS, NOT IN CONTRACT)



- PAINT FINISH TO MATCH ADJACENT SURFACES
- 1/2" GYPSUM BOARD
- VAPOR BARRIER
- 2x6 WOOD STUDS AT 16"
- 5 1/2" FIBRE GLASS BATT INSULATION (R21)

W2 (BY OTHERS, NOT IN CONTRACT)

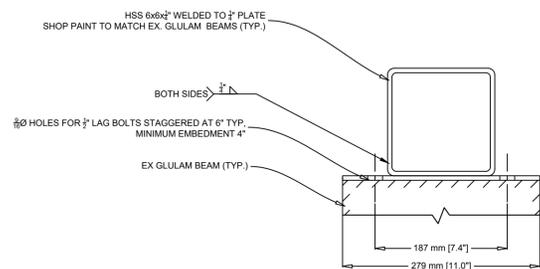


- PAINT FINISH TO MATCH ADJACENT SURFACES
- 1/2" GYPSUM BOARD
- VAPOR BARRIER
- 5 1/2" FIBRE GLASS BATT INSULATION (R21)
- 2x6 WOOD FRAMING AT 16"
- (ADJUST STUD DEPTH TO SUIT INTERFACE w. ADJACENT WALLS/SURFACES, REVIEW ON SITE w. PCA REPRESENTATIVE)
- 5/8" PLYWOOD SHEATHING
- CONTINUOUS SELF-ADHERING MEMBRANE (SOPREMA, SOPRASEAL STICK VP OR APPROVED EQUAL) ON SHEATHING
- 5/8" DOUGLAS FIR WOOD STRAPPING @ 16" o/c
- 3/4" DOUGLAS FIR PLYWOOD
- (A GRADE EXTERIOR FACE, SANDED & PAINT READY, FREE OF REPAIRS, KNOTS & FOOTBALL SHAPED PATCHES, RECESS FASTENERS, PROVIDE WOOD FILLER AT RECESSED FASTENER HEADS).
- PAINT TO MATCH COLOUR OF ADJACENT ROOF BEAM
- BREAK FORMED CONTINUOUS ALUMINUM FLASHING (DARK BROWN) AT SLOPED TOP AND BOTTOM OF INFILL PANEL.

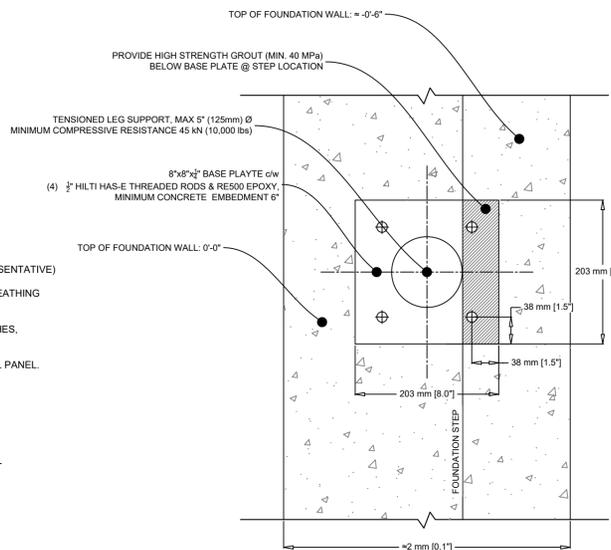
NOTES:

1. ALL PAINT COLORS TO BE APPROVED BY PCA REPRESENTATIVE PRIOR TO APPLICATION.

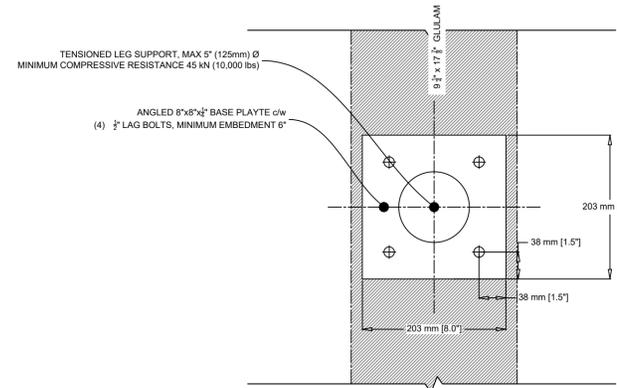
S14 WALL ASSEMBLIES
SCALE: 1:10



S15 TYPICAL BUILT UP HSS SECTION
SCALE: NTS



S16 LEG SUPPORT - CONCRETE FOUNDATION CONNECTION
SCALE: 1:5



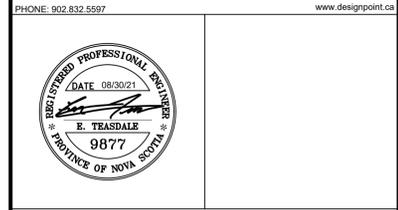
S17 LEG SUPPORT - GLULAM CONNECTION
SCALE: 1:5

REINFORCING NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
2. ALL REINFORCING STEEL TO BE POSITIONED ALONG CENTER LINE OF EXISTING GLULAM BEAMS.
3. ALL STEEL TO BE SHOP PAINTED PRIOR TO DELIVERY. FINAL COLOR SELECTION TO BE DETERMINED BY PARKS CANADA AGENCY REPRESENTATIVE.

ISSUE	DATE	DESCRIPTION
4	08/30/2021	REVISED AS PER PCA COMMENTS
3	07/07/2021	ISSUED FOR FINAL APPROVAL
2	05/19/2021	ISSUED FOR 90% REVIEW
1	03/25/2021	ISSUED FOR REVIEW

CONSULTANT



CLIENT



PROJECT DESCRIPTION

ALEXANDER GRAHAM BELL HISTORIC SITE (MUSEUM)
BADDECK, NOVA SCOTIA

SHEET DESCRIPTION

REINFORCING - GL9 (INTERIM STRUCTURAL REPAIRS)

Drawn B. SMYTH	Engineer E. TEASDALE	Project No. 20-144	Drawing No. S-104
Scale AS NOTED	Filename 20-144_S.dwg		5 of 5