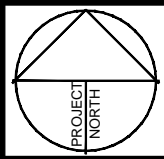


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Date	Issue
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No.	Date	Revision

**TACOMA**  
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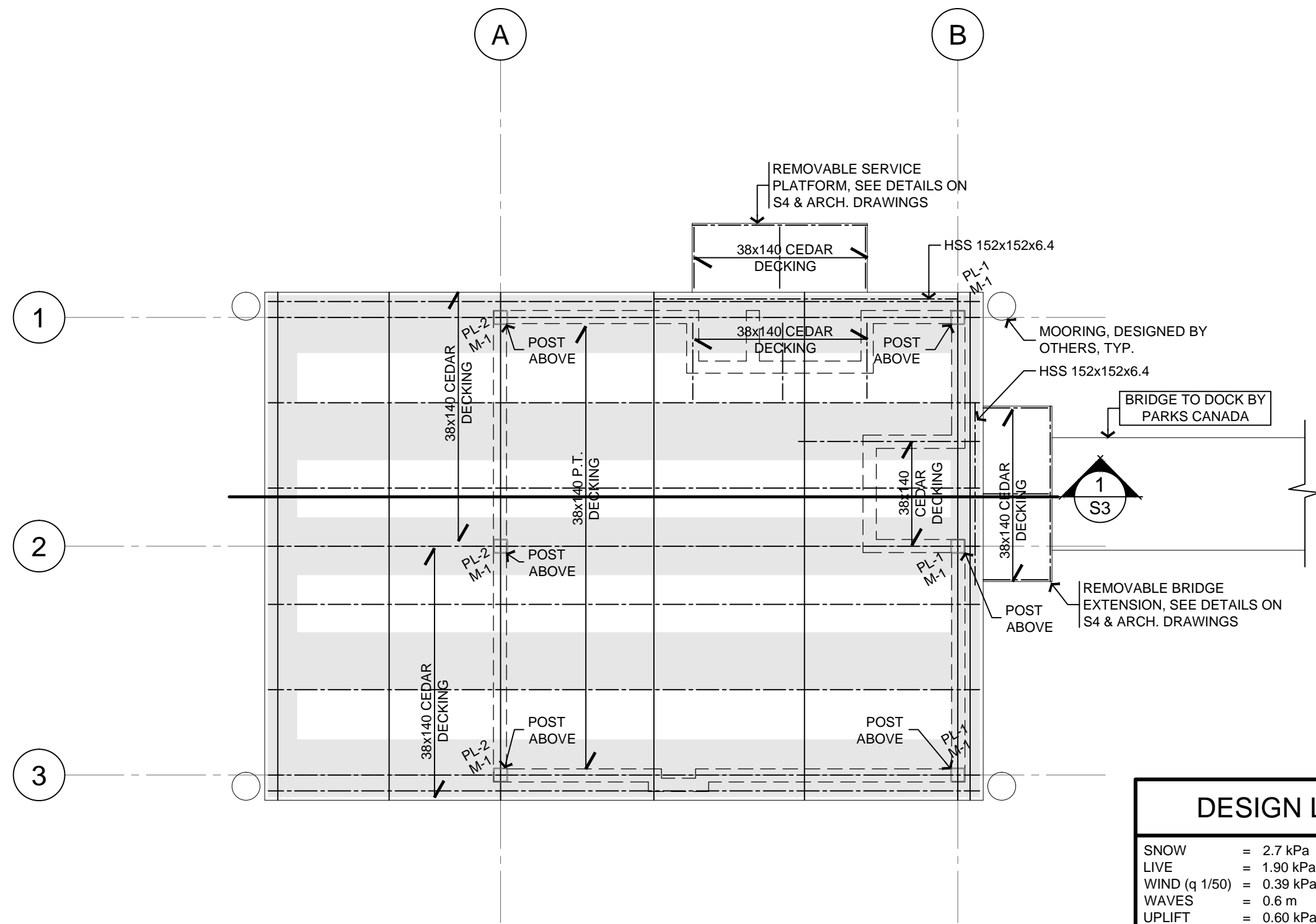


Client  
**STARK ARCHITECTS INC.**  
Mississauga, Ontario

Project Title  
**GBNP FLOATING ACCOMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**DOCK FRAMING PLAN**

Scale	1:50	Dwg. #	<b>S1</b>
Date	FEB. 2017		
Drawn By	TR		
Project No.	TA 3822-16		



**DOCK FRAMING PLAN**  
SCALE 1:50

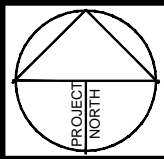
**LEGEND**

- LOWER DOCK SUPPORT BEAMS, DESIGNED BY OTHERS
- UPPER DOCK SUPPORT BEAMS (MAX. 910 SPACING), DESIGNED BY OTHERS, PROVIDE SOLID BLOCKING TO STRUCTURE ABOVE
- FLOTATION DEVICE BELOW, DESIGNED BY OTHERS, TYP.
- WALLS ABOVE, W-1 LINE LOAD

DESIGN LOADS:	
SNOW	= 2.7 kPa
LIVE	= 1.90 kPa
WIND (q 1/50)	= 0.39 kPa
WAVES	= 0.6 m
UPLIFT	= 0.60 kPa (NET, FACTORED)
PL-1	= 6.2 DEAD, 14.7 SNOW, ± 1.4 WIND (kN, UNFACTORED)
PL-2	= 7.1 DEAD, 16.4 SNOW, ± 1.4 WIND (kN, UNFACTORED)
W-1	= 1.3 DEAD (kN/m, UNFACTORED)
M-1	= 3.1 WIND (kN-m, UNFACTORED)

- NOTES:
- PROVIDE CERTIFIED SHOP DRAWINGS FOR DOCK SUB STRUCTURE FLOTATION DEVICE, DOCK STRUCTURE AND MOORING.
  - FLOTATION DEVICE DESIGN TO CONFIRM TO "BRITISH COLUMBIA FLOAT HOME STANDARD".

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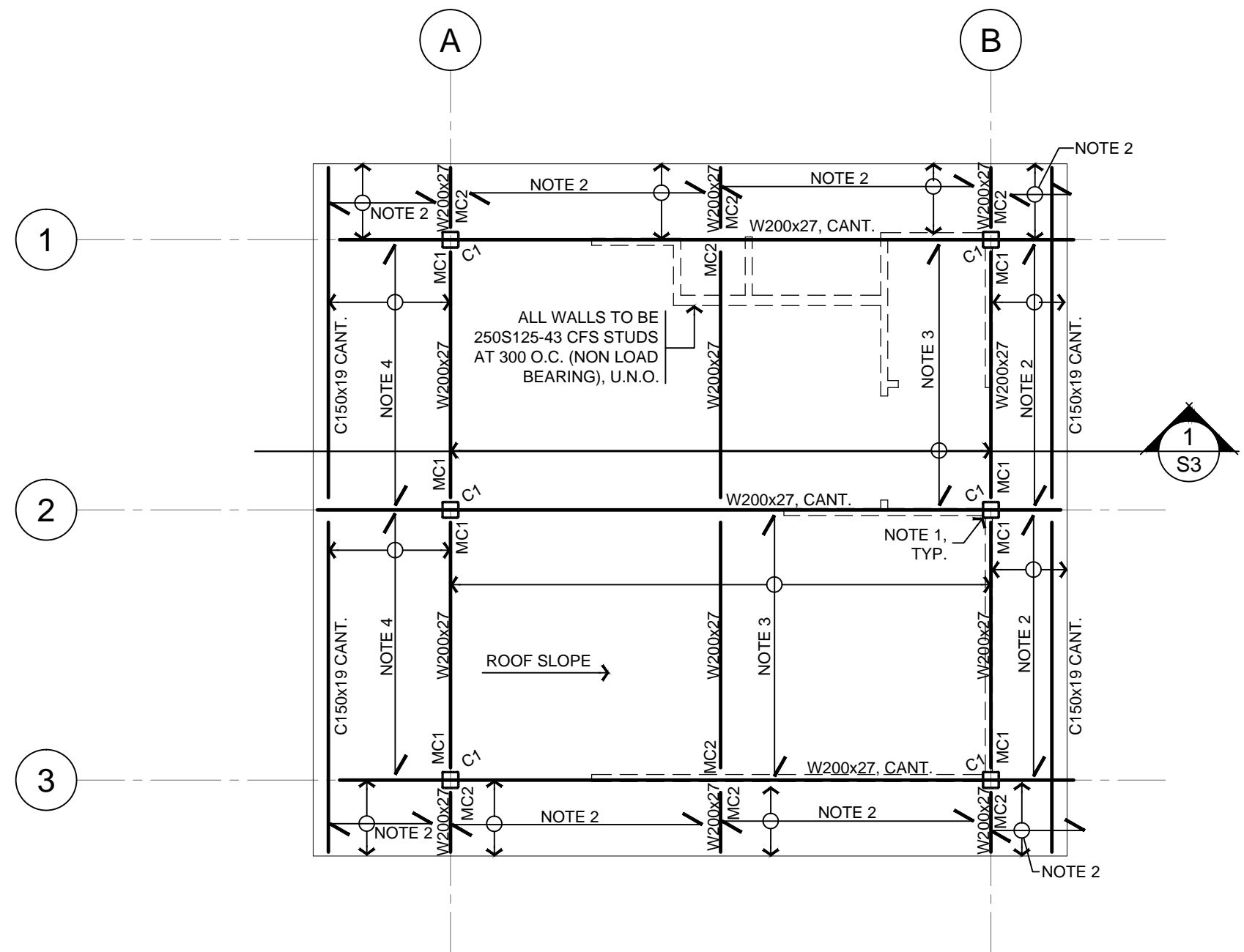


Client  
**STARK ARCHITECTS INC.**  
Mississauga, Ontario

Project Title  
**GBINP FLOATING ACCOMMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**ROOF FRAMING PLAN**

Scale	1:50	Dwg. #	<b>S2</b>
Date	FEB. 2017		
Drawn By	TR		
Project No.	TA 3822-16		



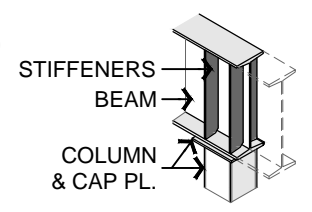
**ROOF FRAMING PLAN**  
SCALE 1:50

**LEGEND**

MC1 - MOMENT CONNECTION OF 15 kNm (FACTORED)  
MC2 - MOMENT CONNECTION OF 5 kNm (FACTORED)

**CONSTRUCTION NOTES:**  
(AS REFERENCED ON ROOF FRAMING PLAN)

1. PROVIDE 2 - 9.5mm THICK WEB STIFFENERS ABOVE COLUMN ON EACH SIDE OF BEAM.
2. 600S162-43 CFS ROOF JOISTS AT 400 O.C.
3. 800S162-43 CFS ROOF JOISTS AT 400 O.C.
4. 2-600S162-43 CFS ROOF JOISTS AT 400 O.C.



COLUMN SCHEDULE				
MARK	TYPE	COLUMN SIZE	BASEPLATE SIZE	ANCHOR BOLTS
C1	□	HSS 152 x 152 x 8.0	350 x 19 x 350	4 - 19 DIA. BOLTS TO STEEL DOCK SUBSTRUCTURE



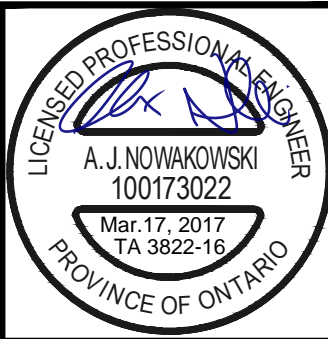
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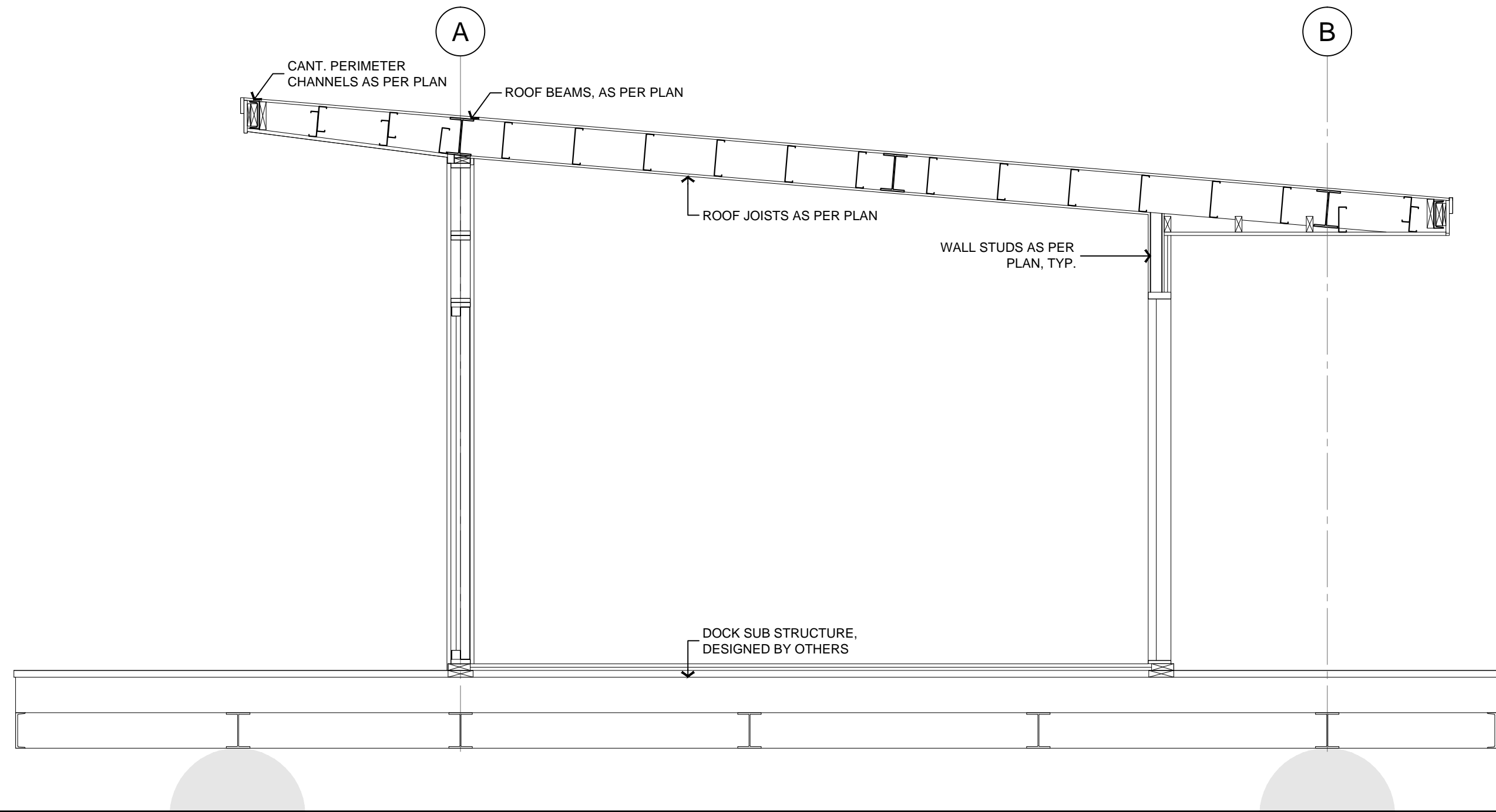


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Mississauga, Ontario

Project Title  
**GBINP FLOATING ACCOMMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**SECTION**

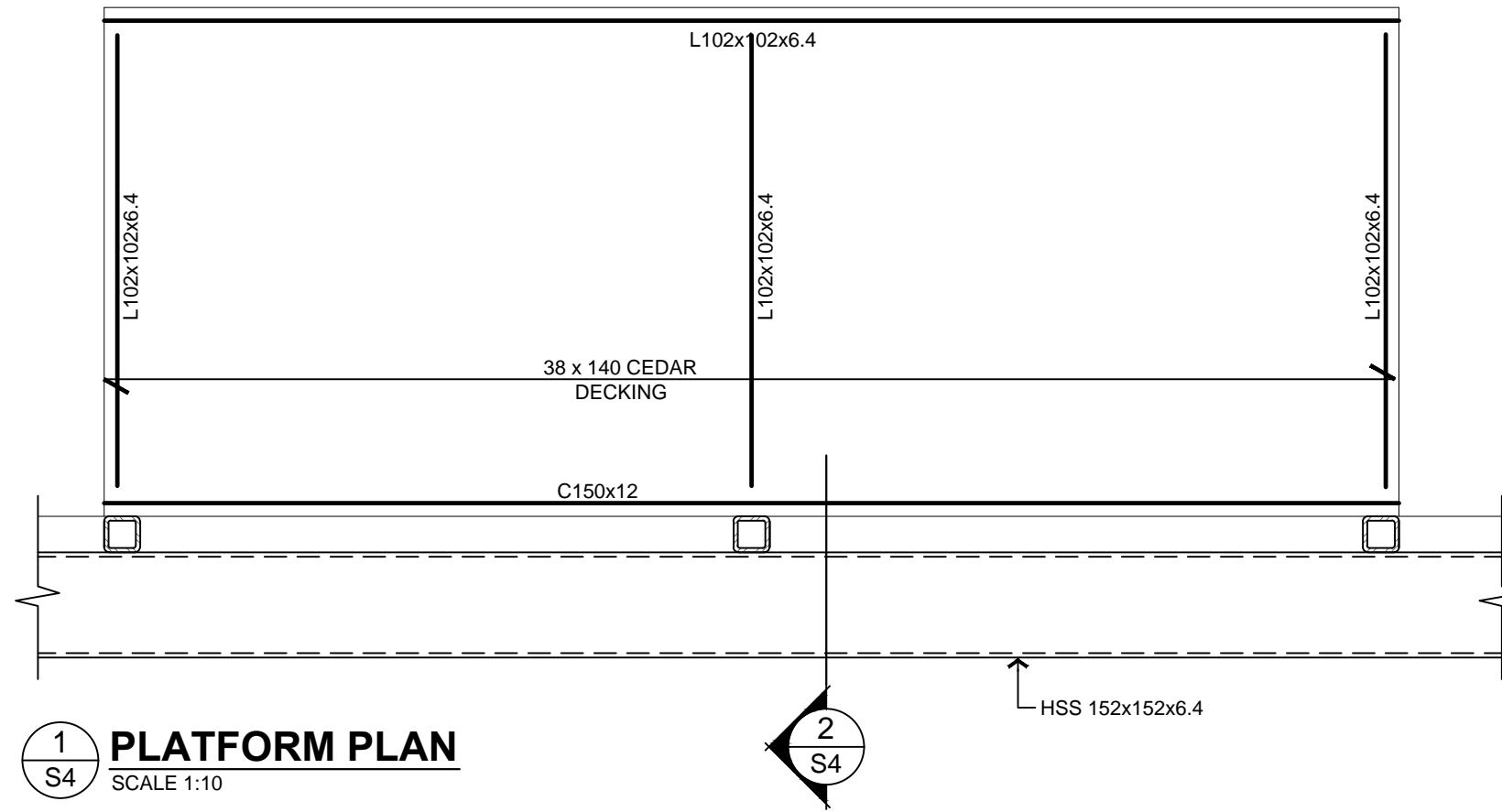
Scale	1:25	Dwg. # <b>S3</b>
Date	FEB. 2017	
Drawn By	TR	
Project No.	TA 3822-16	



**1**  
**S3** **SECTION - THROUGH BUILDING**  
SCALE 1:25

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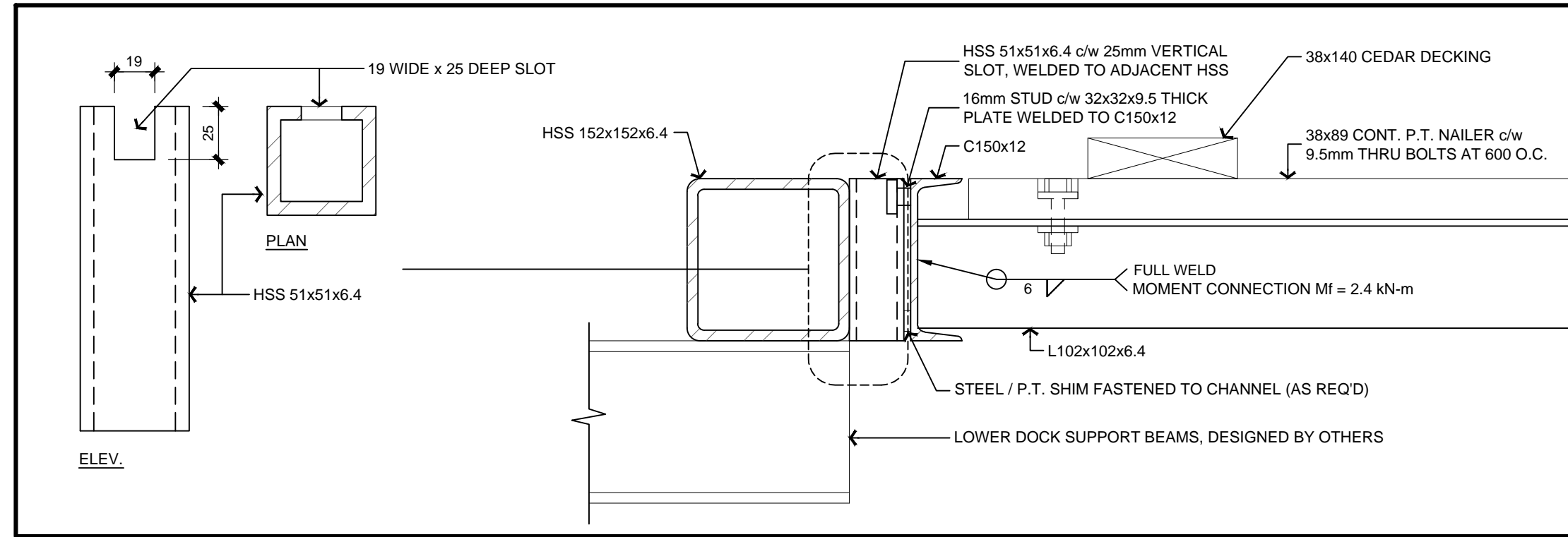


**1**  
S4 **PLATFORM PLAN**  
SCALE 1:10

**2**  
S4

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**2**  
S4 **DETAIL - THRU PLATFORM CONNECTION**  
SCALE 1:5



Client  
**STARK ARCHITECTS INC.**  
Mississauga, Ontario

Project Title  
**GBNP FLOATING ACCOMMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**SECTION**

Scale	1:25	Dwg. #	<b>S4</b>
Date	FEB. 2017		
Drawn By	TR		
Project No.	TA 3822-16		

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Client  
**STARK ARCHITECTS INC.**  
Mississauga, Ontario

Project Title  
**GBINP FLOATING ACCOMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**STRUCTURAL NOTES**

Scale	AS NOTED	S5
Date	FEB. 2017	
Drawn By	TR	
Project No.	TA 3822-16	

**GENERAL NOTES:**

- UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FOLLOWING NOTES SHALL GOVERN.
- ALL WORK ON THIS PROJECT SHALL CONFORM TO THE 2012 ONTARIO BUILDING CODE (OBC 2012), ANY LOCAL REGULATIONS AND BYLAWS, AND THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ACT (OHS) AND CURRENT REGULATIONS FOR CONSTRUCTION PROJECTS. ALL CODES AND STANDARDS SHALL BE THOSE REFERENCED IN OBC 2012.
- ALL STANDARDS ARE TO BE THE YEAR, EDITIONS, DOCUMENT NUMBERS, ETC AS PER OBC 2012 DIVISION B, T.1.3.1.2. WHERE DISCREPANCIES EXIST BETWEEN OUR DRAWINGS AND T.1.3.1.2, THE TABLE SHALL GOVERN UNLESS NOTED OTHERWISE.
- THIS SET OF DRAWINGS SUPERCEDES AND REPLACES ALL PREVIOUS DRAWINGS.
- READ THESE DRAWINGS IN CONJUNCTION WITH ALL RELATED CONTRACT DOCUMENTS AND ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND VERIFY ALL DIMENSIONS GIVEN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS. REPORT TO THE ENGINEER ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE PROJECT BEFORE PROCEEDING WITH THE WORK.
- IF ANY STRUCTURAL DISCREPANCIES ON THE DRAWINGS EXIST, THE MOST STRINGENT SHALL APPLY.
- DRAWINGS ARE NOT TO BE SCALED.
- CONSTRUCTION AND SHOP DRAWING REVIEW MUST BE PROVIDED AS PER CODE.
- SUBMIT SHOP DRAWINGS AS PER TABLE 1. SHOP DRAWINGS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER WHERE REQUIRED AND REVIEWED BY THE CONTRACTOR FOR DIMENSIONAL CORRELATION WITH THE DRAWINGS AND FIELD CONDITIONS PRIOR TO SUBMITTING TO TACOMA ENGINEERS. FABRICATION OF ELEMENTS ON SHOP DRAWINGS MAY NOT PROCEED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY TACOMA ENGINEERS.
- CONSTRUCTION LOADINGS SHALL NOT EXCEED THE SPECIFIED DESIGN LOADS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR CONSTRUCTION LOADS AND TEMPORARY BRACING TO KEEP STRUCTURE PLUMB AND IN TRUE ALIGNMENT AT ALL PHASES OF CONSTRUCTION. ANY BRACING MEMBERS SHOWN ON THE DRAWINGS ARE REQUIRED FOR THE FINISHED STRUCTURE AND MAY NOT BE SUFFICIENT FOR ERECTION PURPOSES.
- OBC 2012 DIVISION C SECTION 1.2.2 REQUIRES GENERAL REVIEW OF THE CONSTRUCTION BY THE DESIGN PROFESSIONAL. TACOMA ENGINEERS SHALL BE GIVEN A MINIMUM OF 48 HOURS NOTICE AT (519)763-2000 (GUELPH) OR (705) 735-1875 (BARRIE) BY THE CONTRACTOR FOR THE FOLLOWING REQUIRED CONSTRUCTION REVIEWS:
  - STRUCTURAL FRAMING (STRUCTURAL STEEL / WOOD FRAMING) - PRIOR TO COVERING WITH INTERIOR FINISHES.
  - STEEL STUDS - PRIOR TO COVERING WITH INTERIOR FINISHES.
  - FINAL FRAMING - UPON COMPLETION OF ALL STRUCTURAL ELEMENTS.
- RETAIN A CERTIFIED INDEPENDENT TESTING OR INSPECTION COMPANY FOR TESTING & INSPECTION FOR THE ITEMS IN TABLE 2. THIS TESTING AND INSPECTION IS TO BE PAID FOR BY THE OWNER.
- THE DESIGN, REVIEW AND CERTIFICATION OF SECONDARY BUILDING ELEMENTS (THOSE ELEMENTS NOT SPECIFICALLY INCLUDED IN THESE DRAWINGS) IS THE RESPONSIBILITY OF THE PROJECT ARCHITECT. ELEMENTS INCLUDE BUT ARE NOT LIMITED TO ARCHITECTURAL FEATURES, NON-LOADBEARING INTERIOR WALLS, INTERIOR PARTITIONS, WINDOWS, DOORS, MASONRY VENEERS, CLADDING, AND SUPPORTS FOR MECHANICAL SYSTEMS.
- ALL NON-LOADBEARING INTERIOR WALLS AND PARTITIONS (STEEL STUD, CONCRETE BLOCK, WOOD STUD) SHALL BE CONSTRUCTED TO ALLOW FOR 25mm (1") VERTICAL, INDEPENDENT DEFLECTION BELOW ALL FLOOR AND ROOF MEMBERS, WHILE STILL PROVIDING LATERAL SUPPORT TO THE TOP OF THE PARTITION, THROUGH THE USE OF DEFLECTION TRACKS, CLIPS, OR OTHER METHODS.

**DESIGN PARAMETERS:**

- DESIGN LOADS ARE UNFACTORED UNLESS NOTED OTHERWISE.
  - CLIMATIC DESIGN DATA (HONEY HARBOUR):
 

Snow Load	S <sub>s</sub>	=	2.7 kPa
	S <sub>r</sub>	=	0.4 kPa
Wind Pressure	$q(\frac{z}{h})$	=	0.39 kPa
  - WIND
 

Importance Factor	I <sub>w</sub> ULS	=	1.0
	I <sub>w</sub> SLS	=	0.75
INTERNAL PRESSURE CATEGORY		=	2

 THE STRUCTURE HAS BEEN DESIGNED TO RESIST WIND FORCES IN ACCORDANCE WITH THE PROCEDURE DESCRIBED IN THE OBC 2012 AND THE NATIONAL BUILDING CODE OF CANADA (NBCC) STRUCTURAL COMMENTARY I.
  - ROOF
 

Importance Factor	S	=	S <sub>s</sub> x(C <sub>b</sub> )+S <sub>r</sub>	
	S	=	2.7x(0.55)+0.4	
	S	=	1.9 kPa (40.0 psf)	BASIC CASE

 REFER TO PLANS FOR AREAS AND MAGNITUDE OF BUILT UP SNOW LOADS. THE ROOF STRUCTURE HAS BEEN DESIGNED CONFORMING TO OBC 4.1.6.4.(3). ADDITIONAL WATER LOADS (STORM WATER RETENTION) HAVE NOT BEEN INCLUDED IN THE DESIGN.
 

ROOF DEAD LOAD	=	0.6 kPa (12.5 psf) + 0.2 kPa SOLAR (4 psf)
----------------	---	--
  - MAIN FLOOR
 

OCCUPANCY (LIVE)	=	1.9 kPa (40 psf)
------------------	---	------------------
- ADDITIONAL DEAD LOAD ALLOWANCE SHALL BE INCLUDED IN ADDITION TO THE ABOVE LOADS FOR:
  - PIPES IN EXCESS OF 75mm (3") IN DIAMETER CARRYING FLUIDS (SPRINKLERS)
  - ROOF TOP MECHANICAL UNITS
- GUARDS DESIGN LOADS: TO OBC 4.1.5.14. (1)(c), (2) and (4).
- HANDRAIL DESIGN LOADS: TO OBC 3.4.6.5.(12).

**TABLE 1: SHOP DRAWING SUBMITTALS**

ITEM	REQUIRED SUBMITTAL?	ENGINEER'S STAMP REQ'D?	NOTES
STRUCTURAL STEEL ERECTION DRAWINGS	YES	YES	STAMP FOR CONNECTIONS ONLY
MISC. METAL (INCLUDING GUARDS & HANDRAILS)	YES	YES	
EXTERIOR LIGHT-WEIGHT STEEL FRAMING	YES	YES	
DOCK SUBSTRUCTURE (FLOATATION, STRUCTURE, MOORING)	YES	YES	

**TABLE 2: REQUIRED TESTING & INSPECTION**

RESULTS SHALL BE SUBMITTED DIRECTLY TO TACOMA ENGINEERS FROM THE TESTING COMPANY, FOR REVIEW

ITEM	REQ'D	NOTES
STRUCTURAL STEEL INSPECTION	YES	
EXTERIOR LIGHT-WEIGHT STEEL FRAMING (STEEL STUDS)	YES	BY STEEL STUD ENGINEER. PROVIDE STAMPED FINAL REPORT.
DOCK SUBSTRUCTURE (FLOATATION, STRUCTURE, MOORING)	YES	BY DOCK SUBSTRUCTURE ENGINEER. PROVIDE STAMPED FINAL REPORT.

**STRUCTURAL STEEL:**

- ALL STRUCTURAL STEEL ELEMENTS ARE DESIGNED USING THE LIMIT STATES DESIGN METHOD IN ACCORDANCE WITH CAN/CSA-S16.
- SUBMIT ERECTION AND SHOP DRAWINGS FOR REVIEW BY THE PROJECT ENGINEER. STANDARD CONNECTIONS SHALL CONFORM TO THE HANDBOOK OF STEEL CONSTRUCTION. NON-STANDARD CONNECTIONS (INCLUDING MOMENT CONNECTIONS) SHALL BE DESIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.
- STRUCTURAL STEEL BEAMS AND COLUMNS SHALL CONFORM TO CAN/CSA G40.21 GRADE 350W UNLESS NOTED.
- STRUCTURAL STEEL CHANNELS AND ANGLES SHALL CONFORM TO CAN/CSA G40.21 GRADE 300W UNLESS NOTED.
- ALL H.S.S. SHALL CONFORM TO CAN/CSA G40.21 GRADE 350W (CLASS C) UNLESS NOTED.
- ALL STEEL PLATE TO BE A36 (250W MPa) MATERIAL (MINIMUM).
- WELDING SHALL CONFORM TO CSA W47.1 AND CSA W59, BY THE CANADIAN WELDING BUREAU. ALL WELDING SHALL BE COMPLETED BY CWB CERTIFIED WELDERS. THIRD PARTY WELDING INSPECTION SHALL BE PERFORMED BY FIRMS CERTIFIED TO CSA W178.1 AND W178.2.
- BOLTED CONNECTIONS SHALL BE MADE USING GRADE A325 BOLTS, UNLESS NOTED OTHERWISE.
- ANCHOR RODS SHALL CONFORM TO ASTM F1554 (FORMERLY ASTM A307). MATERIAL SHALL BE MINIMUM GRADE 36 (Fu=414 MPa) (FORMERLY ASTM A307 GRADE C), OR CSA G40.21 300W (Fu=450 MPa).
- STRUCTURAL STEEL SHALL BE TESTED BY AN INDEPENDENT C.S.A. CERTIFIED TESTING COMPANY FOR ERECTION TOLERANCES, PLUMBNESS, ALIGNMENT, CONNECTIONS, ELEVATION, MATERIAL, AND WORKMANSHIP.
- CONTRACTOR TO PROVIDE COPIES OF TESTING REPORTS TO TACOMA ENGINEERS.
- GALVANIZING FOR METALS SHALL CONFORM TO CSA-G164 UNLESS NOTED. TOUCH-UP ON SITE BY GRINDING THE SURFACE TO BRIGHT METAL AND APPLYING ZINC RICH PAINT CONFORMING TO CAN/CGSB-1.181 (OR ASTM A780).
- COLUMN BEARING GROUT SHALL BE 35 MPa (MINIMUM), NON-SHRINK, AND 38mm (1-1/2") THICK (MINIMUM).
- ALL STRUCTURAL STEEL SHALL BE NEW MATERIAL UNLESS APPROVED BY TACOMA ENGINEERS.
- ALL STRUCTURAL STEEL SHALL RECEIVE A MINIMUM OF ONE COAT OF APPROVED SHOP PRIMER, TOUCHED UP AS REQUIRED ON SITE, EXCEPT THAT STEEL WHICH IS TO RECEIVE SPRAY-ON FIREPROOFING SHALL NOT BE PRIMED.
- STRUCTURAL STEEL MEMBERS SHALL NOT TO BE SPLICED WITHOUT THE APPROVAL OF THE ENGINEER.
- CO-ORDINATE WITH MECHANICAL, ELECTRICAL AND ALL OTHER SUBTRADES WHOSE WORK AFFECTS THE DETAILING, FABRICATION AND ERECTION OF THE STRUCTURAL STEEL.
- DO NOT CUT OPENINGS IN STRUCTURAL STEEL MEMBERS WITHOUT ENGINEERS APPROVAL.
- EXTERIOR STRUCTURAL STEEL:
  - SHALL BE PROTECTED FROM CORROSION BY HOT DIP GALVANIZING.
  - HSS COLUMNS SHALL HAVE DRAINAGE HOLES AT THE BASE (13mm (1/2") DIAM, MAX. 2" UP FROM BASE).

**LIGHTWEIGHT STEEL FRAMING:**

- ALL LIGHTWEIGHT STEEL STUD AND JOIST WORK SHALL BE DONE IN ACCORDANCE WITH CSA S136 AND THE CSSBI "LIGHTWEIGHT STEEL FRAMING MANUAL", LATEST EDITION.
- PROVIDE STEEL STUD SHOP DRAWINGS CERTIFIED BY A PROFESSIONAL ENGINEER IN THE PROVINCE OF ONTARIO FOR ALL EXTERIOR STUDS. PROVIDE A FINAL CONSTRUCTION REVIEW REPORT CERTIFIED BY THE DESIGN ENGINEER FOR ALL EXTERIOR STUDS.
- ALL LIGHTWEIGHT STEEL STUD FRAMING AND BRIDGING, BRACING, CONNECTORS AND OTHER METALS SHALL BE GALVANIZED TO A MINIMUM G90 (Z275) AND ALL SCREWS SHALL BE CADMIUM PLATED.
- INSTALL BRIDGING IN WIND BEARING WALL STUDS AT A MAXIMUM OF 1500mm (5'-0") O.C. INSTALL BRIDGING IN FLOOR JOISTS AT A MAXIMUM OF 2100mm (7'-0") O.C.
- ANCHOR TRACKS WITH APPROVED ANCHORS AT A MAXIMUM SPACING OF 600mm (24") O.C.
- INSTALL DOUBLE STUDS ON BOTH SIDES OF ALL OPENINGS GREATER THAN 900mm (36"). ALL HEADERS, SILLS AND STUDS AROUND OPENINGS SHALL BE DESIGNED AND SPECIFIED BY THE CERTIFYING ENGINEER.
- USE 1.12mm (0.045") (18 ga.) MINIMUM FOR ALL TRACK AND HEADERS.
- USE 1.12mm (0.045") (18 ga.) MINIMUM FOR ALL STUDS BACKING MASONRY.
- MINIMUM STEEL STUD GAUGE IS:
  - 0.85mm (0.035") (20 ga.) FOR 150mm (6") AND SMALLER STUDS.
  - 1.12mm (0.045") (18 ga.) FOR 200mm (8") STUDS.
  - FOR LARGER STUDS OR JOISTS, FOLLOW CAN3 S136 FOR MINIMUM MEMBER THICKNESS.
- ALLOW FOR 25mm (1") VERTICAL, INDEPENDENT DEFLECTION IN ALL STRUCTURAL LOADBEARING MEMBERS.
- FOR WALL STUDS, USE A MINIMUM HORIZONTAL DEFLECTION LIMIT OF SPAN/360.
- FOR JOISTS, USE A MINIMUM VERTICAL DEFLECTION LIMIT OF L/360 FOR ROOFS, L/480 FOR FLOORS.
- PARAPETS, RAILINGS AND WALLS ACTING AS GUARDS SHALL BE DESIGNED TO LOADS ON GUARDS IN ACCORDANCE WITH OBC 4.1.5.14 AND 4.1.5.16.
- ALL LIGHTWEIGHT STEEL MEMBERS SHALL CONFORM TO ASTM A446 GRADE A, 228 MPa YIELD FOR STEEL 1.12mm (0.045") (18 ga.) OR THINNER. ALL LIGHTWEIGHT STEEL SHALL CONFORM TO ASTM A446 GRADE D, 345 MPa YIELD FOR STEEL 1.44mm (0.057") (16 ga.) OR THICKER. EXCEPT FOR TRACKS, ALL SHALL HAVE LIPPED FLANGES.
- BRIDGING CHANNEL SHALL BE MINIMUM 1.12mm (0.045") (18 ga.) FOR WALL STUDS AND 1.44mm (0.057") (16 ga.) FOR FLOOR JOISTS. CLIP ANGLES SHALL BE MINIMUM 1.44mm (0.057") (16 ga.) FOR WALL STUDS AND 1.81mm (0.071") (14 ga.) FOR FLOOR JOISTS.
- LIGHTWEIGHT STEEL MEMBERS SHALL BE SPACED AT MAXIMUM 400mm (16") O.C. ADJUST MATERIAL THICKNESS AND SPACINGS AS REQUIRED BY THE DESIGN CRITERIA.
- TRACKS AND HEADERS SHALL BE AT MINIMUM, EQUAL THICKNESS, MATERIAL AND COATINGS AS STUDS, AND THICKER AS REQUIRED.

**WOOD CONSTRUCTION**

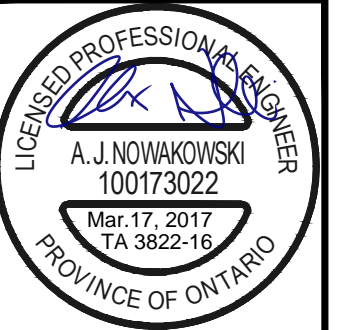
- WOOD FRAMING DESIGN AND CONSTRUCTION SHALL CONFORM TO CAN/CSA-O86 "ENGINEERING DESIGN IN WOOD".
- LUMBER SHALL BE SPF No. 1/2 OR BETTER UNLESS NOTED OTHERWISE. MOISTURE CONTENT SHALL BE 19% OR LESS.
- LUMBER SHALL NOT BE NOTCHED OR DRILLED IN THE FIELD WITHOUT PERMISSION OF TACOMA ENGINEERS.
- ROOF SHEATHING SHALL BE 12.5mm (1/2") PLYWOOD CONFORMING TO CSA O151 "CANADIAN SOFTWOOD PLYWOOD", U.N.O. FASTEN TO STRUCTURE WITH APPROVED FASTENERS AT 152mm (6") O.C.
- WALL SHEATHING SHALL BE 9.5mm (3/8") PLYWOOD TO CSA O151 "CANADIAN SOFTWOOD PLYWOOD" OR 11mm (7/16") OSB TO CSA O325 "CONSTRUCTION SHEATHING" OR CSA 0437.0 "OSB AND WAFERBOARD", U.N.O.
- FLOOR SHEATHING SHALL BE 15.5mm (5/8") T&G PLYWOOD TO CSA O151 "CANADIAN SOFTWOOD PLYWOOD". SUBFLOOR IS TO BE GLUED AND NAILED / SCREWED SECURELY TO EVERY SUPPORTING MEMBER.
- BOLTED CONNECTIONS SHALL BE MADE USING GRADE A307 BOLTS, UNLESS NOTED OTHERWISE.
- USE PRESSURE TREATED LUMBER (CWPB APPROVED) OR APPLY SUITABLE WOOD PRESERVATIVE TO ALL WOOD IN CONTACT WITH SOIL.
- ALL NAILS USED SHALL CONFORM TO STEEL WIRE NAILS AND SPIKES AS DEFINED IN CSA STANDARD B111 "WIRE NAILS, SPIKES AND STAPLES" UNLESS NOTED OTHERWISE.
- LATERALLY SUPPORT ALL STEEL BEAMS BY PRE-DRILLING FLANGES FOR 13mm (1/2") BOLTED ATTACHMENTS OF WOOD NAILERS WITH 15mm (9/16") HOLES STAGGERED AT 600mm (24") O.C.
- USE JOIST HANGERS WHERE FRAMING MEMBERS CONNECT INTO THE SIDES OF SUPPORTING MEMBERS.
- ALL STEEL CONNECTORS (UPLIFT CLIPS, BRACKETS, JOIST HANGERS etc.) SHALL BE SIMPSON STRONG TIE CONNECTORS UNLESS NOTED OTHERWISE.
- ALL NAILS AND FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD ARE TO BE HOT DIP GALVANIZED (TO CSA-G164) OR STAINLESS STEEL.
- FOR SOLID AND BUILT UP MEMBERS (TRUSSES, BEAMS, LINTELS) PROVIDE A BUILT UP POST WITH AN EQUAL OR GREATER THICKNESS UNLESS NOTED OTHERWISE. ALL BUILT UP POSTS TO BE CONTINUOUS (INCLUDING TRANSFER BLOCKING AT FLOORS) DOWN TO THE FOUNDATIONS.
- ALL BUILT UP MEMBERS TO BE FASTENED TOGETHER WITH TWO 75mm (3") SPIRAL NAILS AT 300mm (12") O.C. FOR EVERY PLY UNLESS NOTED OTHERWISE.
- ALL PRE-ENGINEERED STEEL CONNECTORS (EG. SIMPSON STRONG TIE) ARE TO HAVE THE CORRECT NUMBER AND SIZE OF FASTENERS, AS PER THE MANUFACTURER'S PRODUCT CATALOGUE.
- PROVIDE SOLID BLOCKING OR MECHANICAL CONNECTIONS AT THE TOP AND BOTTOMS OF BEAMS AT BEARING POINTS TO PREVENT MOVEMENT OR ROTATION.

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Mississauga, Ontario

Project Title  
**GBINP FLOATING ACCOMODATIONS**  
Georgian Bay Islands, Ontario

Drawing  
**STRUCTURAL NOTES**

Scale	AS NOTED	S6
Date	FEB. 2017	
Drawn By	TR	
Project No.	TA 3822-16	