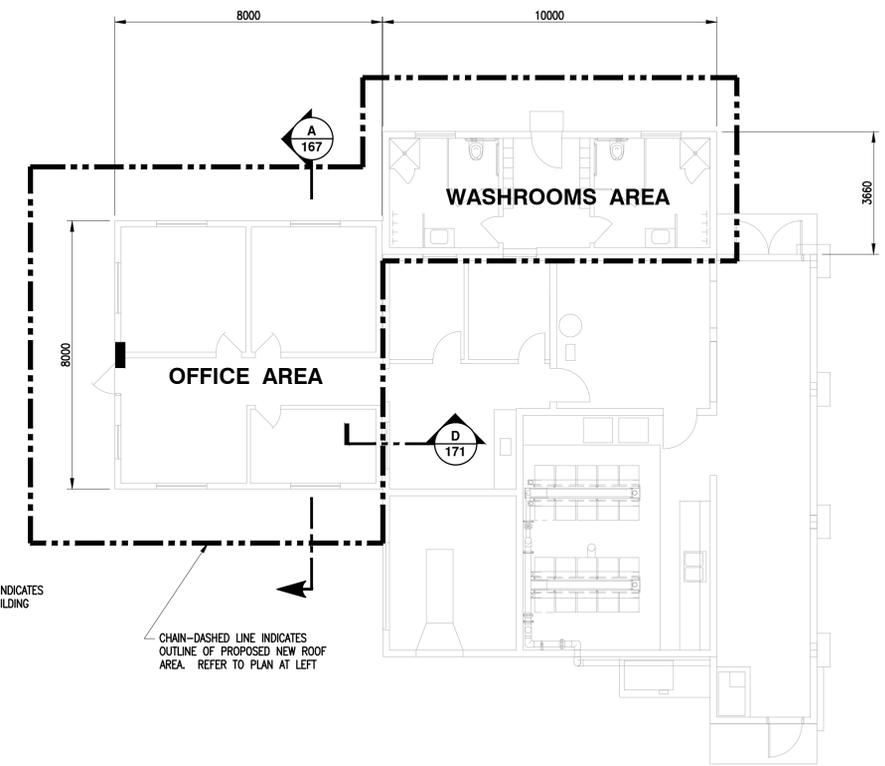
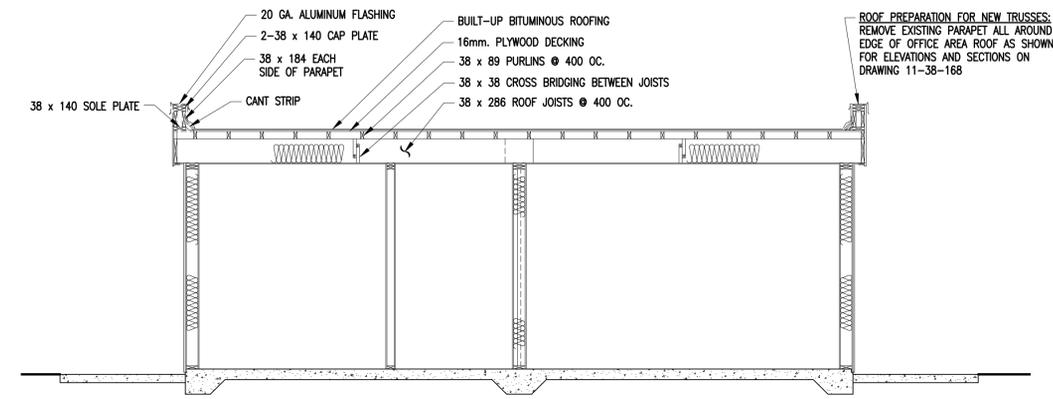


**ROOF TRUSS LAYOUT**  
SCALE 1:50



**EXISTING HATCHERY BUILDING FLOOR PLAN**  
SCALE 1:100

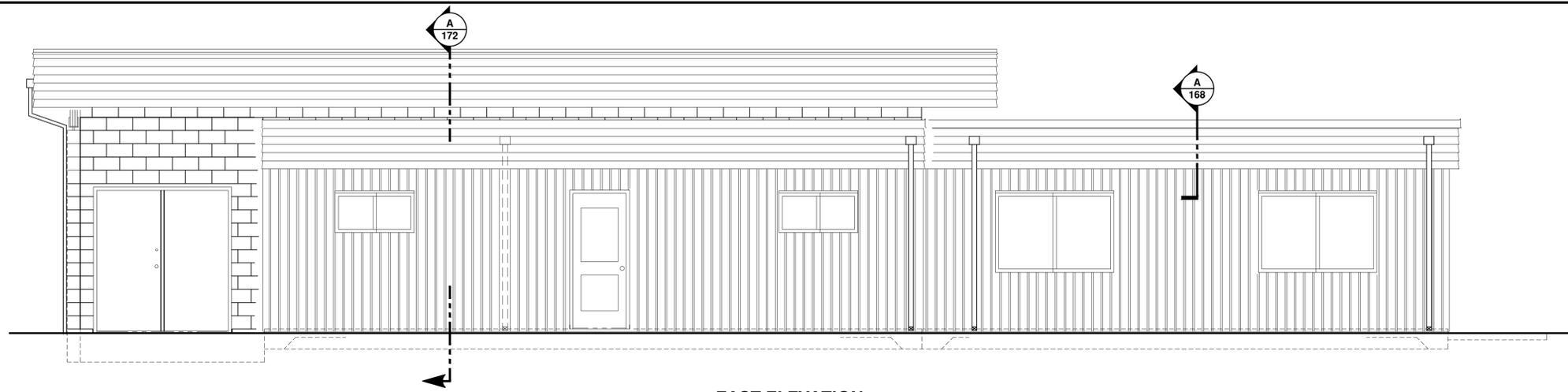


**SECTION A**  
SCALE 1:40 (EXISTING CONDITIONS AND INSTRUCTIONS TO PREPARE FOR NEW TRUSSED ROOF)

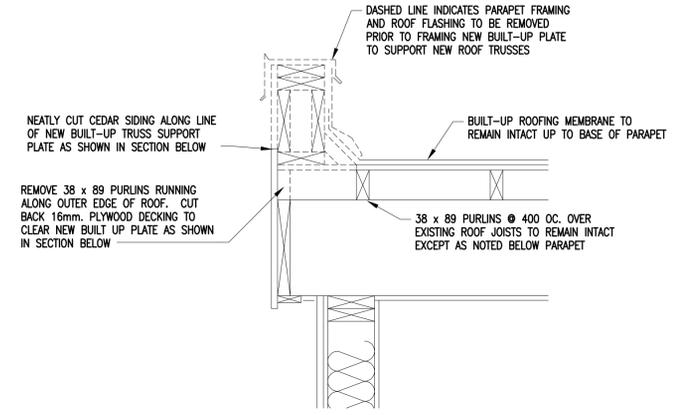
\*NOTE:  
AS-BUILT DRAWINGS  
CONTRACOTR TO FOLLOW ALL SPECIFICATIONS CALLED OUT ON DRAWINGS

<b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND TECHNICAL SUPPORT	
<b>TENDERFOOT CREEK HATCHERY HATCHERY BUILDING ROOF REPLACEMENT OVER OFFICE AND WASHROOM AREAS SH. 1 OF 7 ROOF TRUSS LAYOUT AND EXISTING ROOF CONDITIONS</b>	SCALE AS NOTED
DESIGNED G. Reichhardt	DATE 4-Dec-09
DRAWN G. Reichhardt	DRAWING NUMBER <b>11-38-167</b>
CHECKED	REVISION
RECOMMENDED	
APPROVED	
APPROVED	

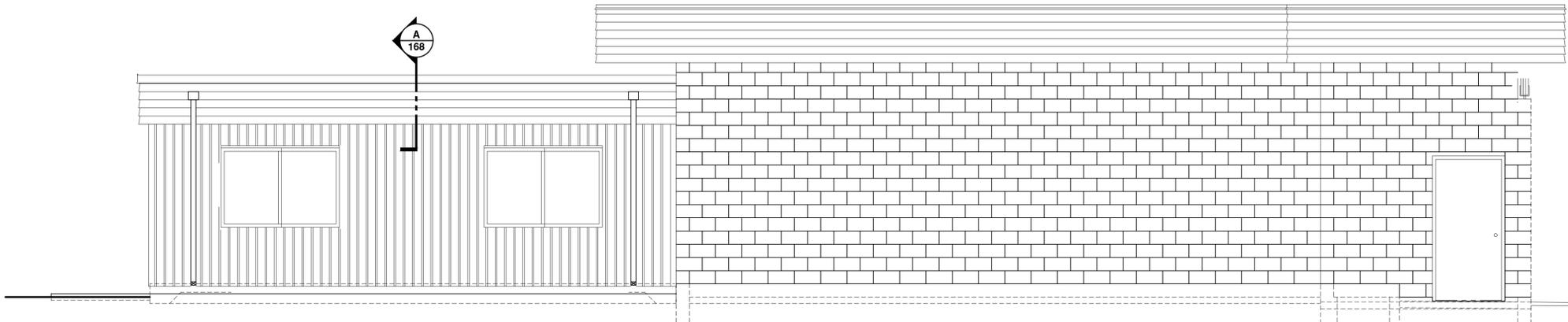
Project: Fish. Reichhardt, London, Proj. 4864-0-00-00 (Fish/Hatchery) Building: Hatchery Building, New: Roof: Over: On: Membrane: On: Steel: 11-38-167



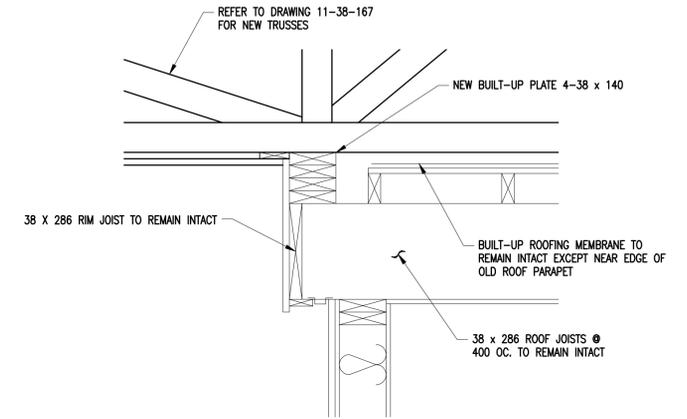
**EAST ELEVATION**



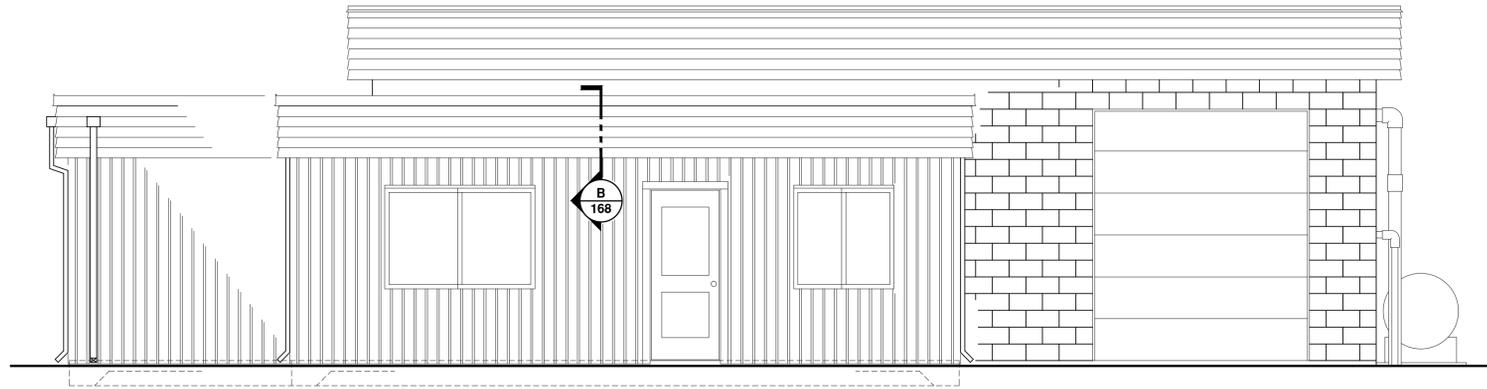
**SECTION A 168** (SHOWING TREATMENT OF EXISTING SITE CONDITIONS)  
SCALE 1:10



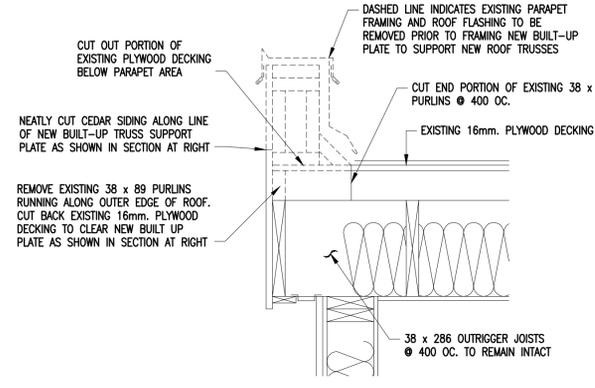
**WEST ELEVATION**



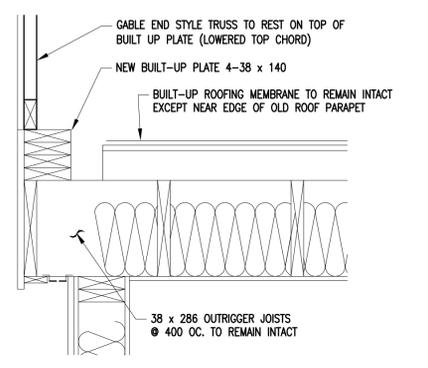
**SECTION A 168** (SHOWING ADDITION OF NEW BUILT-UP PLATE AND TRUSS)  
SCALE 1:10



**NORTH ELEVATION**



**SECTION B 168** (SHOWING TREATMENT OF EXISTING SITE CONDITIONS)  
SCALE 1:10



**SECTION B 168** (SHOWING ADDITION OF NEW BUILT-UP PLATE AND TRUSS)  
SCALE 1:10

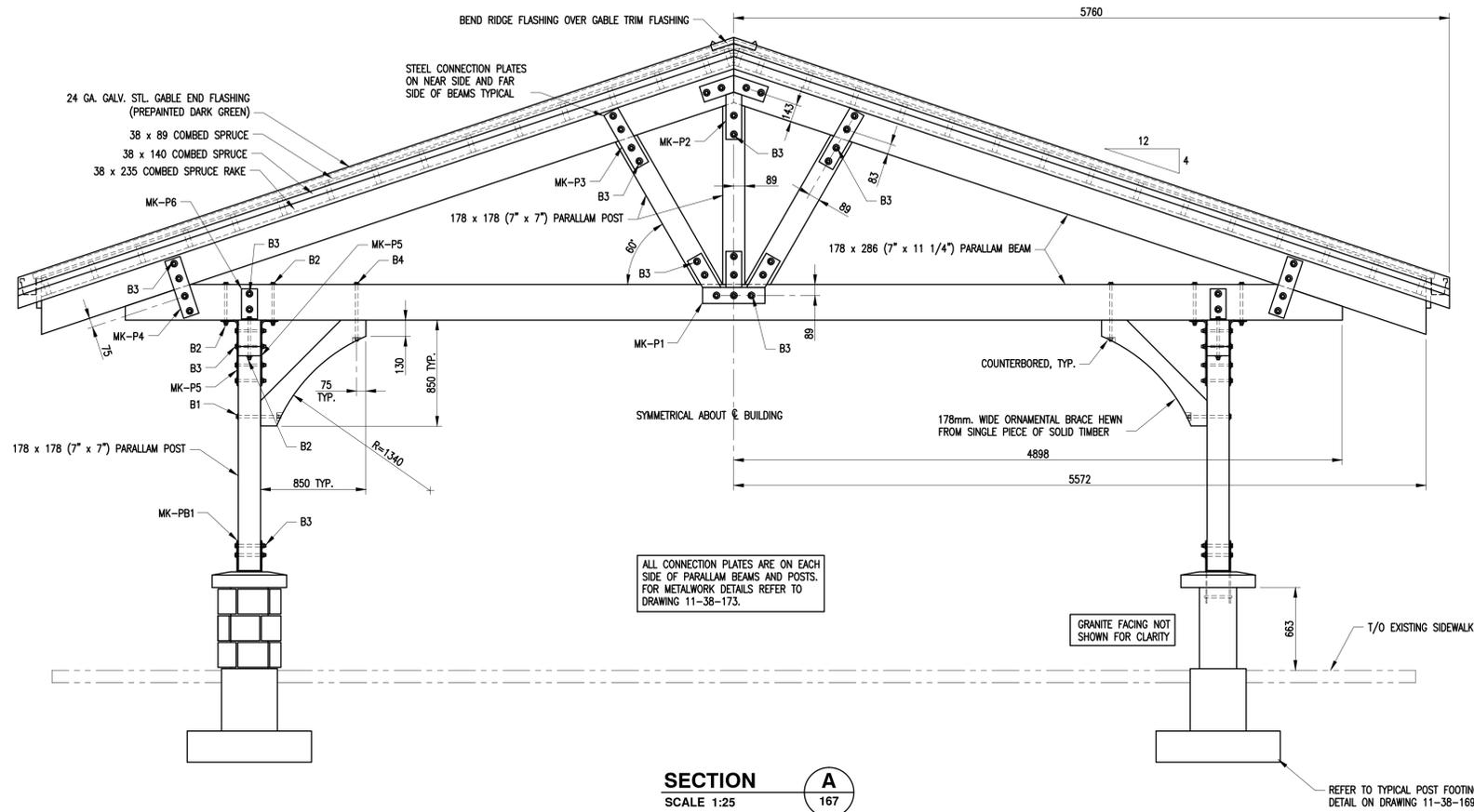
\*NOTE:  
  
AS-BUILT DRAWINGS  
CONTRACOTR TO FOLLOW ALL SPECIFICATIONS OF AS-BUILT ROOF

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
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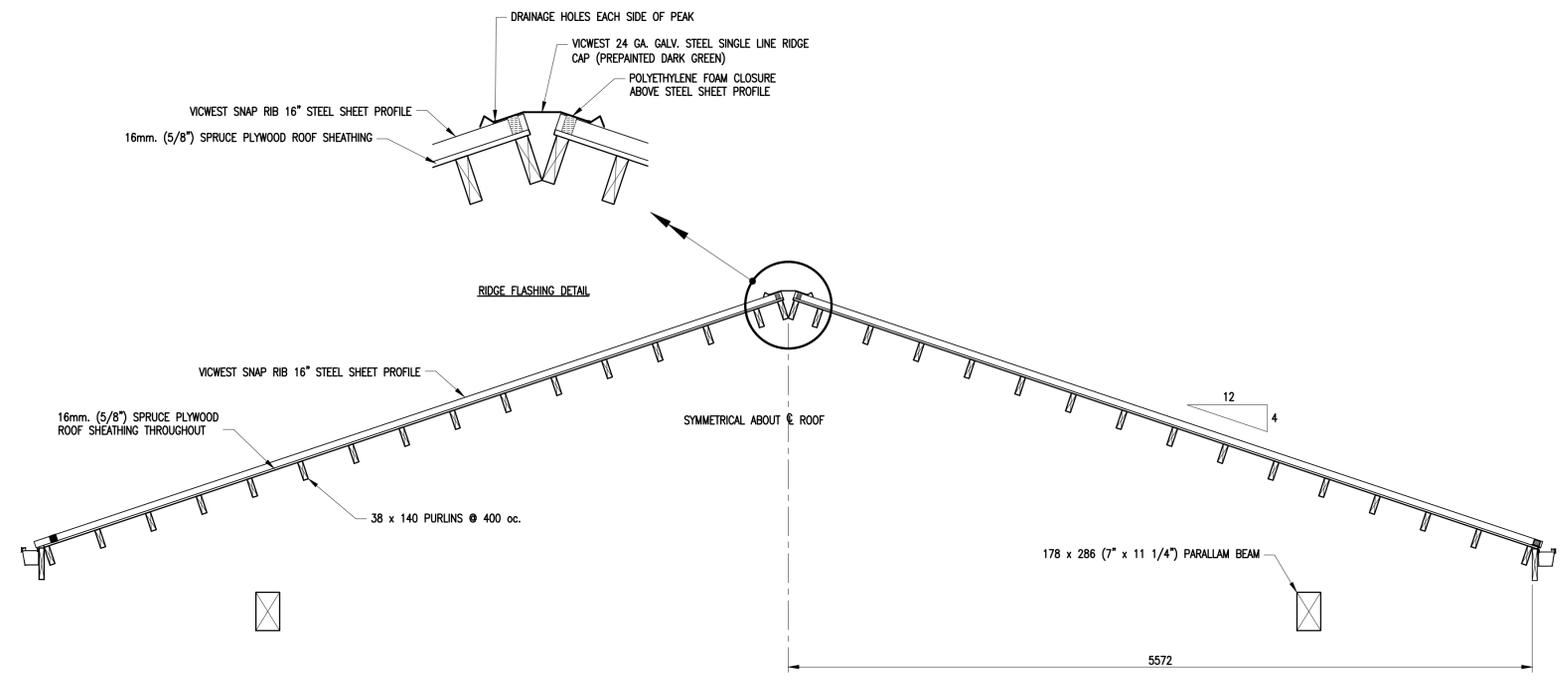
<b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND TECHNICAL SUPPORT	
<b>TENDERFOOT CREEK HATCHERY          HATCHERY BUILDING          ROOF REPLACEMENT OVER OFFICE          AND WASHROOM AREAS SH. 2 OF 7          EXISTING EXTERIOR ELEVATIONS          AND PREPARATION FOR NEW TRUSSES</b>	
DESIGNED G. Reichhardt	SCALE 1:40 U.N.O.
DRAWN G. Reichhardt	DATE 4-Dec-09
CHECKED	DRAWING NUMBER <b>11-38-168</b>
RECOMMENDED	REVISION
APPROVED	
APPROVED	

Project: 11-38-168, 11-38-169, 11-38-170, 11-38-171, 11-38-172, 11-38-173, 11-38-174, 11-38-175, 11-38-176, 11-38-177, 11-38-178, 11-38-179, 11-38-180, 11-38-181, 11-38-182, 11-38-183, 11-38-184, 11-38-185, 11-38-186, 11-38-187, 11-38-188, 11-38-189, 11-38-190, 11-38-191, 11-38-192, 11-38-193, 11-38-194, 11-38-195, 11-38-196, 11-38-197, 11-38-198, 11-38-199, 11-38-200, 11-38-201, 11-38-202, 11-38-203, 11-38-204, 11-38-205, 11-38-206, 11-38-207, 11-38-208, 11-38-209, 11-38-210, 11-38-211, 11-38-212, 11-38-213, 11-38-214, 11-38-215, 11-38-216, 11-38-217, 11-38-218, 11-38-219, 11-38-220, 11-38-221, 11-38-222, 11-38-223, 11-38-224, 11-38-225, 11-38-226, 11-38-227, 11-38-228, 11-38-229, 11-38-230, 11-38-231, 11-38-232, 11-38-233, 11-38-234, 11-38-235, 11-38-236, 11-38-237, 11-38-238, 11-38-239, 11-38-240, 11-38-241, 11-38-242, 11-38-243, 11-38-244, 11-38-245, 11-38-246, 11-38-247, 11-38-248, 11-38-249, 11-38-250, 11-38-251, 11-38-252, 11-38-253, 11-38-254, 11-38-255, 11-38-256, 11-38-257, 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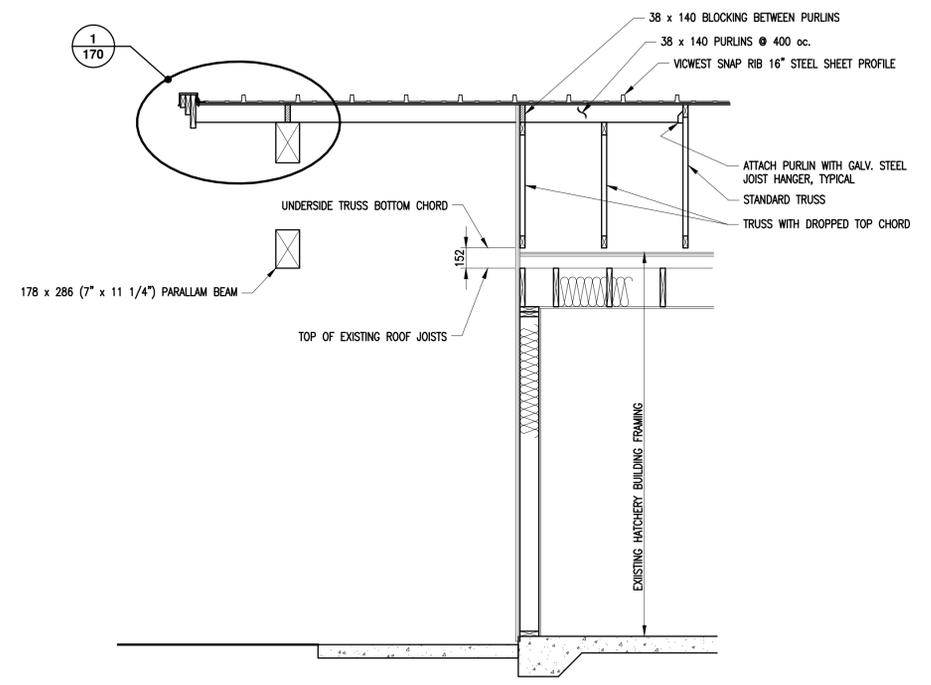




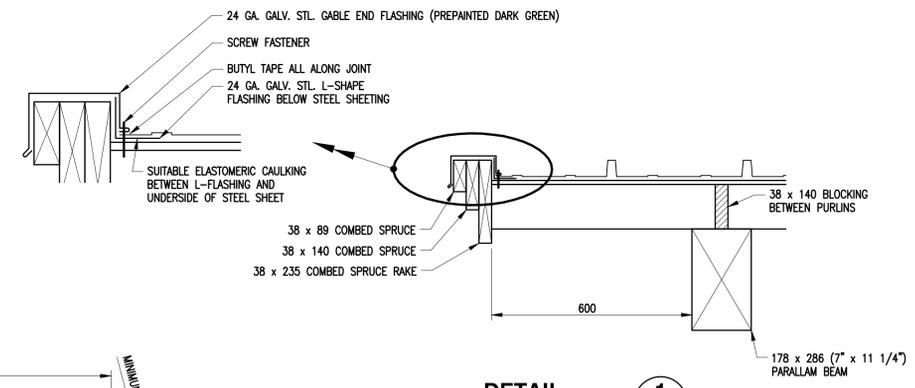
**SECTION A**  
SCALE 1:25  
167



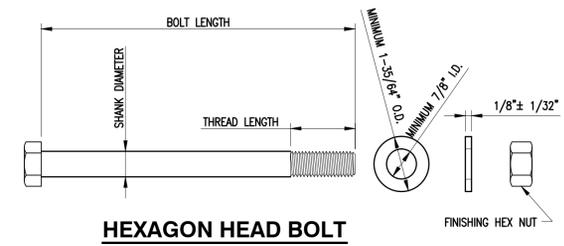
**SECTION B**  
SCALE 1:25  
167



**SECTION C**  
SCALE 1:25  
167



**DETAIL 1**  
SCALE 1:10  
170



**HEXAGON HEAD BOLT**

BOLT DATA									
IDENTIFICATION	QUANTITY	DIAMETER (INCHES)	BOLT LENGTH (INCHES)	THREADS PER INCH + CLASS	THREAD LENGTH (INCHES)	HEX NUTS PER BOLT	WASHERS PER BOLT	GRADE STEEL	FINISH
B1	2	3/4	13 1/2	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B2	8	3/4	13	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B3	47	3/4	9 1/4	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B4	2	3/4	18	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B5	6	3/4	16	10UNC-2A	2	1	2	SAE 2	H.D.GALV.

\*NOTE:  
AS-BUILT DRAWINGS  
CONTRACOTR TO FOLLOW ALL SPECIFICATIONS OF AS-BUILT ROOF

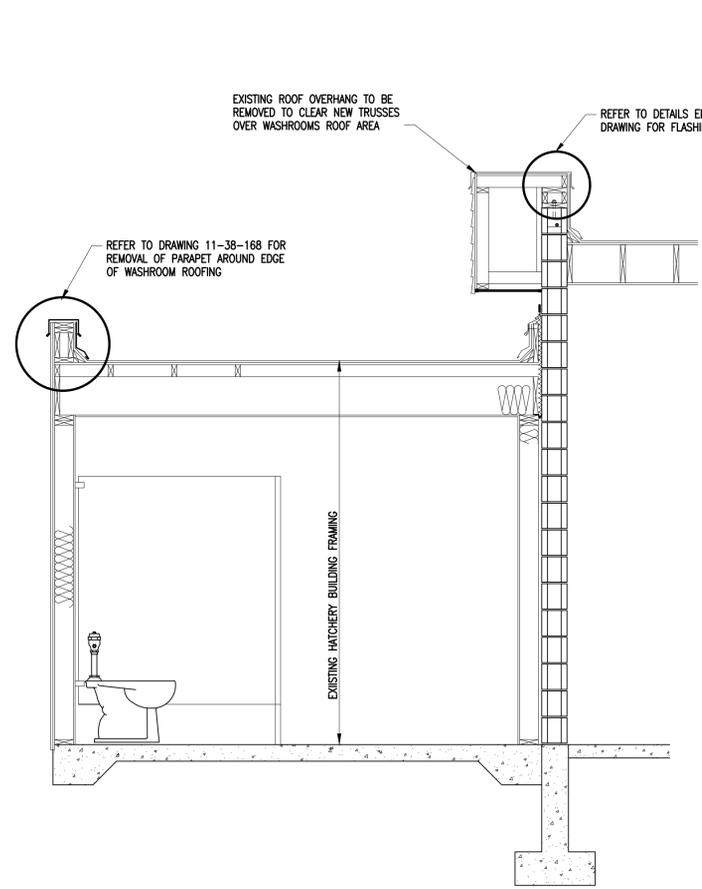
**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND TECHNICAL SUPPORT

**TENDERFOOT CREEK HATCHERY HATCHERY BUILDING**  
ROOF REPLACEMENT OVER OFFICE AND WASHROOM AREAS SH. 4 OF 7  
TIMBER FRAMING OVER OFFICE ENTRANCE AREA

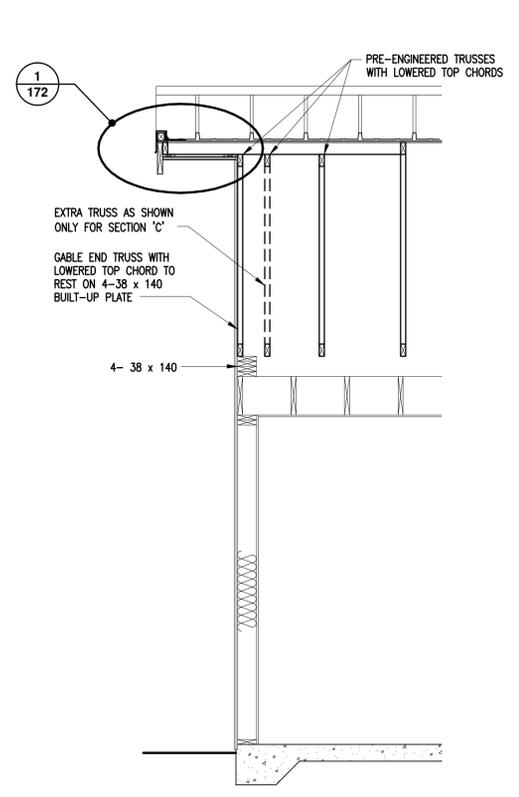
SCALE AS NOTED  
DATE 4-Dec-09  
DRAWING NUMBER **11-38-170**  
REVISION

DWG. NO. DRAWING REFERENCES NOTES NO. DATE REVISIONS





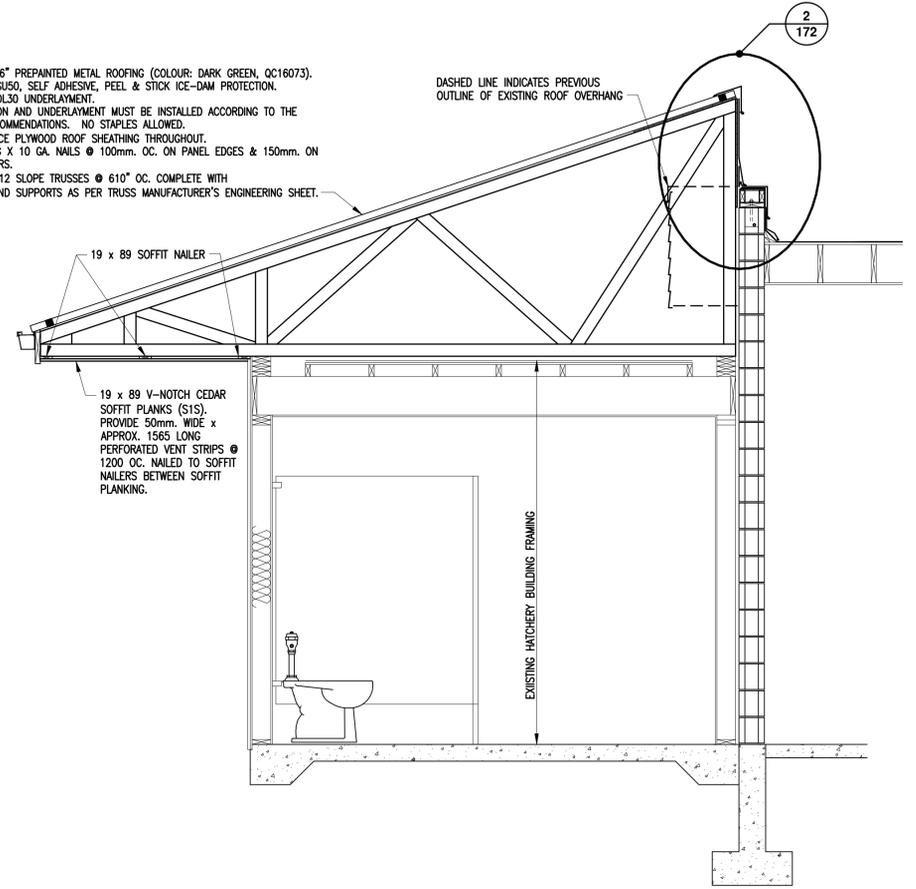
**SECTION A**  
SCALE 1:25  
168 (EXISTING SITE CONDITIONS)



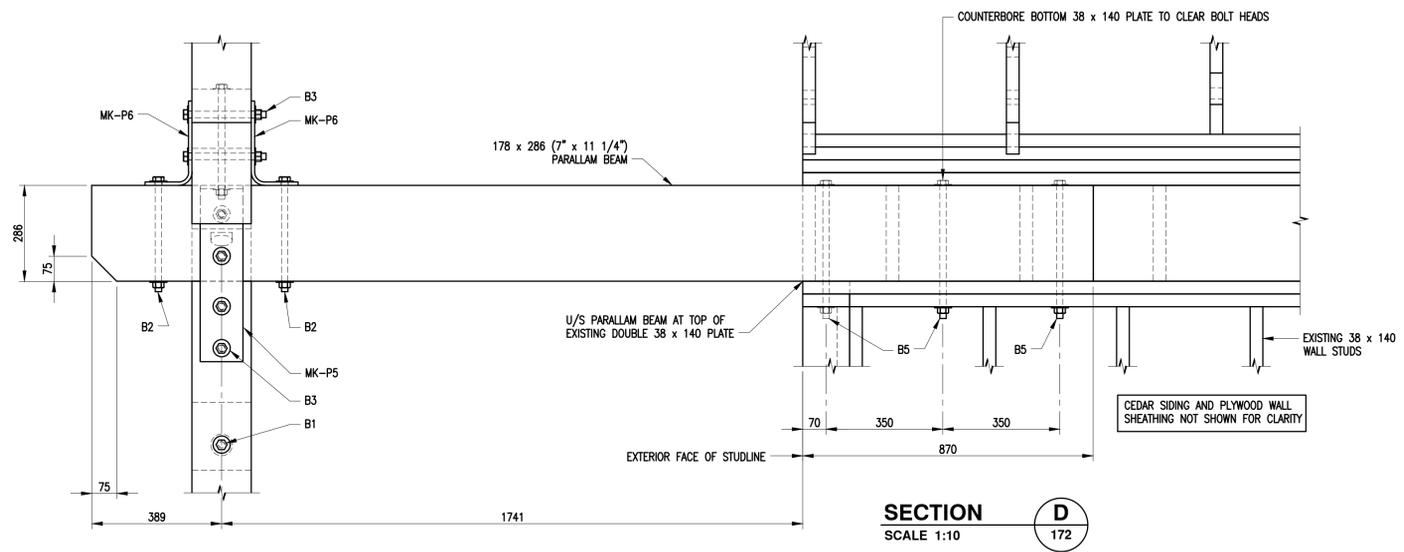
**SECTION B**  
SCALE 1:25  
167 (AS SHOWN)

**SECTION C**  
SCALE 1:25  
167 (SAME AS SECTION 'B' EXCEPT OPPOSITE HAND AND AS NOTED)

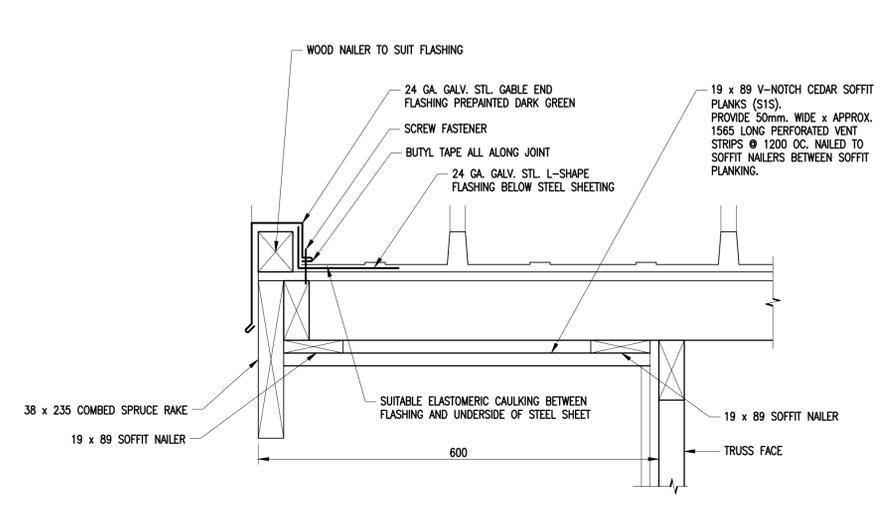
- TRUSSED ROOF SYSTEM**
- VICWEST SNAP RIB 16" PREPAINTED METAL ROOFING (COLOUR: DARK GREEN, QC16073).
  - VICWEST TITANIUM-PSU50, SELF ADHESIVE, PEEL & STICK ICE-DAM PROTECTION.
  - VICWEST TITANIUM-UDL30 UNDERLAYMENT.
- NOTE: ICE-DAM PROTECTION AND UNDERLAYMENT MUST BE INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS. NO STAPLES ALLOWED.
- 16mm. (5/8") SPRUCE PLYWOOD ROOF SHEATHING THROUGHOUT.
  - NAILING 64mm. LONG X 10 GA. NAILS @ 100mm. OC. ON PANEL EDGES & 150mm. ON INTERMEDIATE MEMBERS.
  - PRE-ENGINEERED 4/12 SLOPE TRUSSES @ 610" OC. COMPLETE WITH LATERAL BRACINGS AND SUPPORTS AS PER TRUSS MANUFACTURER'S ENGINEERING SHEET.



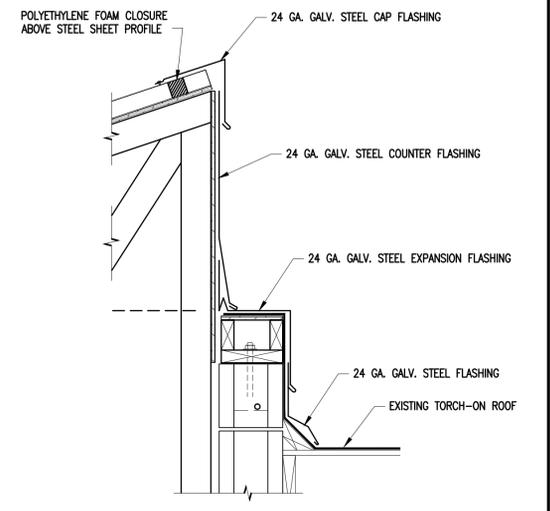
**SECTION A**  
SCALE 1:25  
167 (NEW TRUSSES)



**SECTION D**  
SCALE 1:10  
172



**DETAIL 1**  
SCALE 1:10  
172

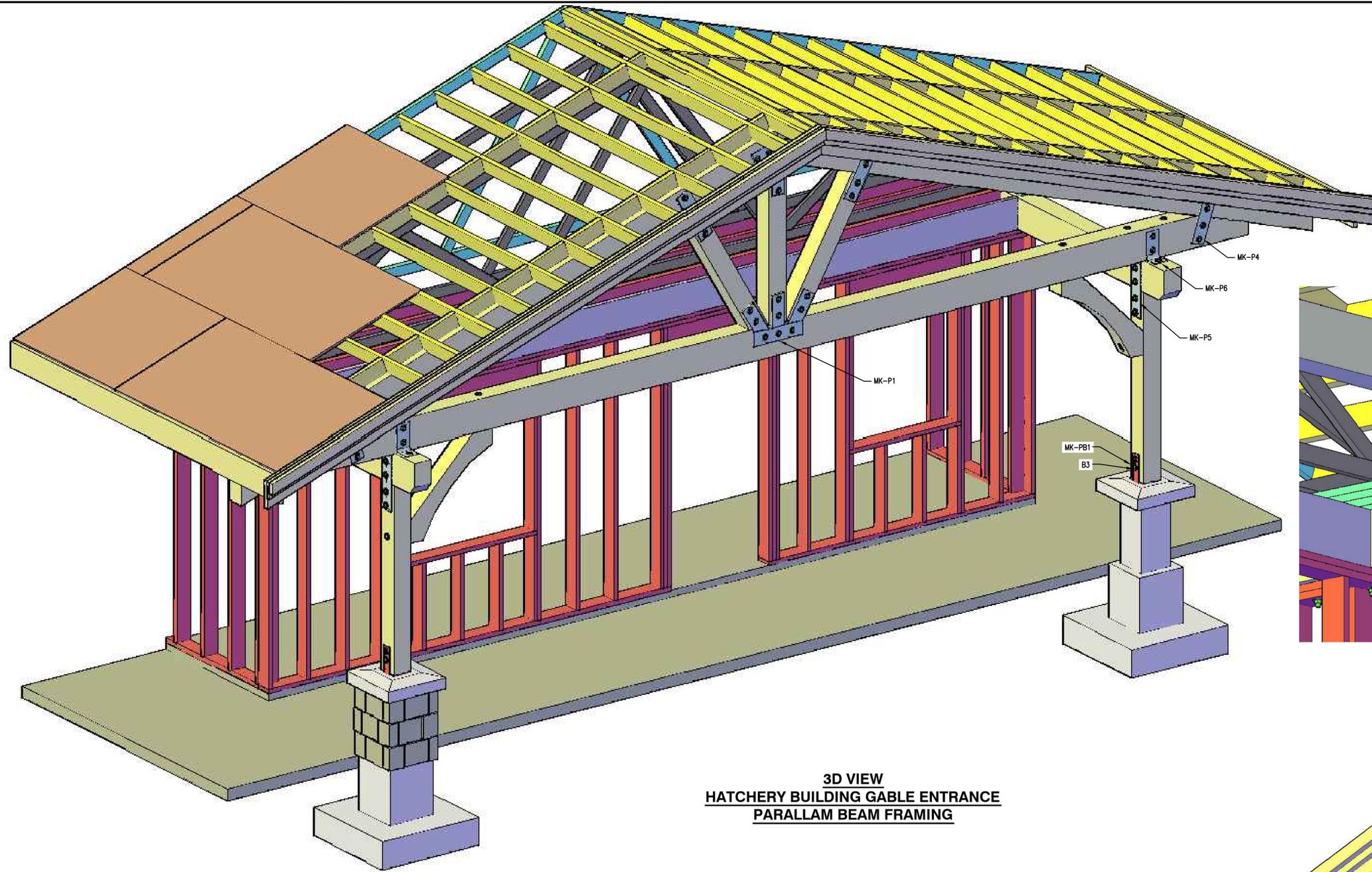


**DETAIL 2**  
SCALE 1:10  
172

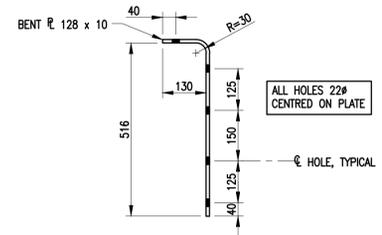
\*NOTE:  
AS-BUILT DRAWINGS  
CONTRACOTR TO FOLLOW ALL SPECIFICATIONS OF AS-BUILT ROOF

<b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND TECHNICAL SUPPORT	
<b>TENDERFOOT CREEK HATCHERY HATCHERY BUILDING ROOF REPLACEMENT OVER OFFICE AND WASHROOM AREAS SH. 6 OF 7 TRUSSES OVER WASHROOM AREA AND FLASHING DETAILS</b>	
DESIGNED G. Reichhardt	SCALE AS NOTED
DRAWN G. Reichhardt	DATE 4-Dec-09
CHECKED	DRAWING NUMBER <b>11-38-172</b>
RECOMMENDED	REVISION
APPROVED	
APPROVED	

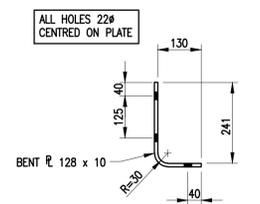
DWG. NO. DRAWING REFERENCES NOTES NO. DATE REVISIONS



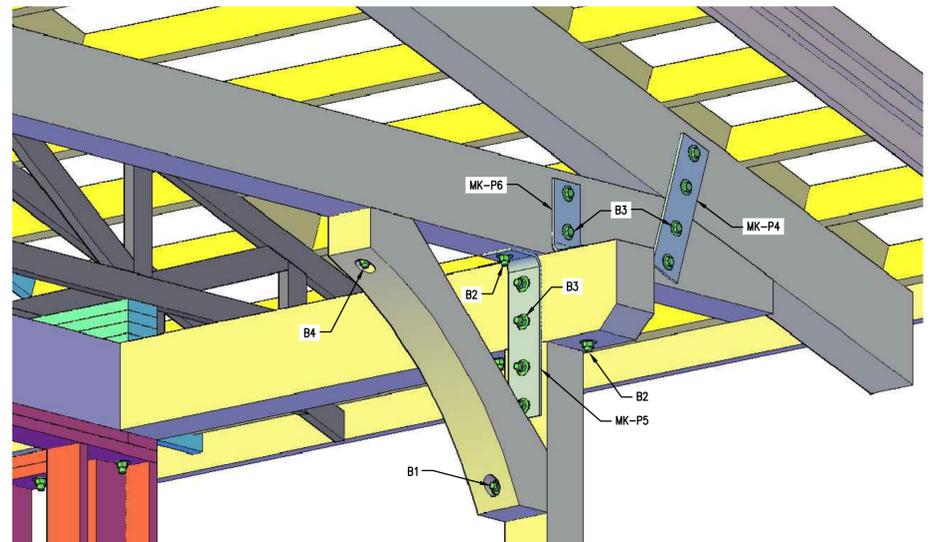
**3D VIEW  
HATCHERY BUILDING GABLE ENTRANCE  
PARALLAM BEAM FRAMING**



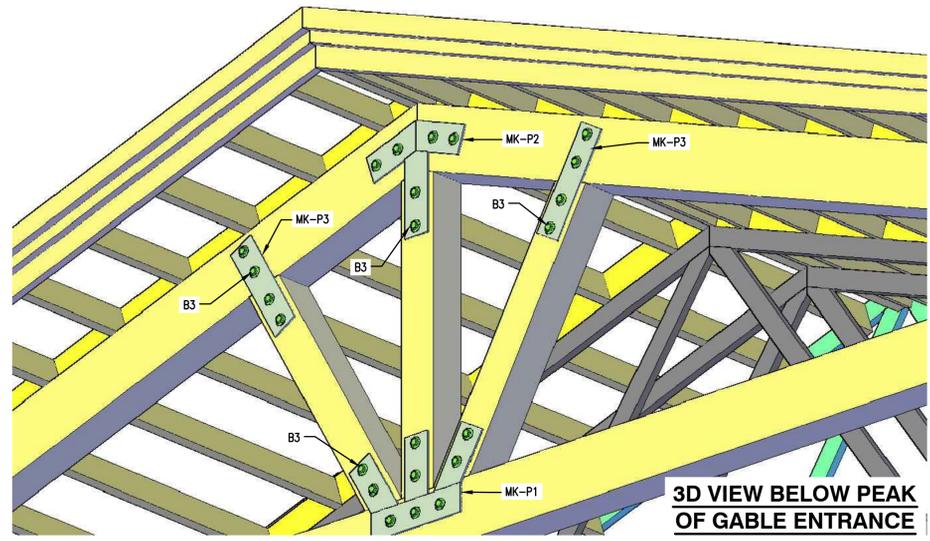
**MAKE FOUR (4) GALV.  
STEEL PLATES MK-P5**  
SCALE 1:10



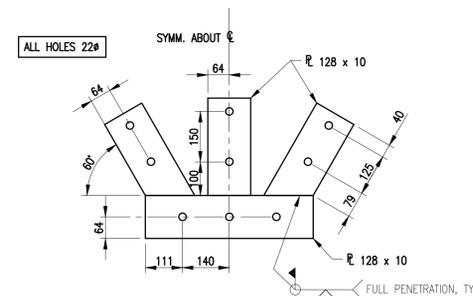
**MAKE FOUR (4) GALV.  
STEEL PLATES MK-P6**  
SCALE 1:10



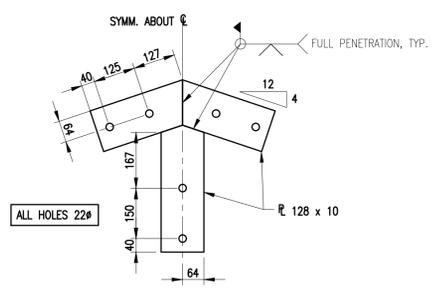
**3D VIEW BELOW EAVE OF GABLE ENTRANCE**



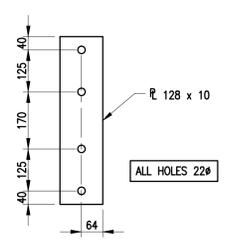
**3D VIEW BELOW PEAK  
OF GABLE ENTRANCE**



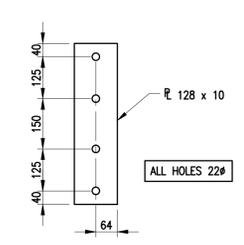
**MAKE TWO (2) GALV. STEEL PLATES MK-P1**  
SCALE 1:10



**MAKE TWO (2) GALV. STEEL PLATES MK-P2**  
SCALE 1:10



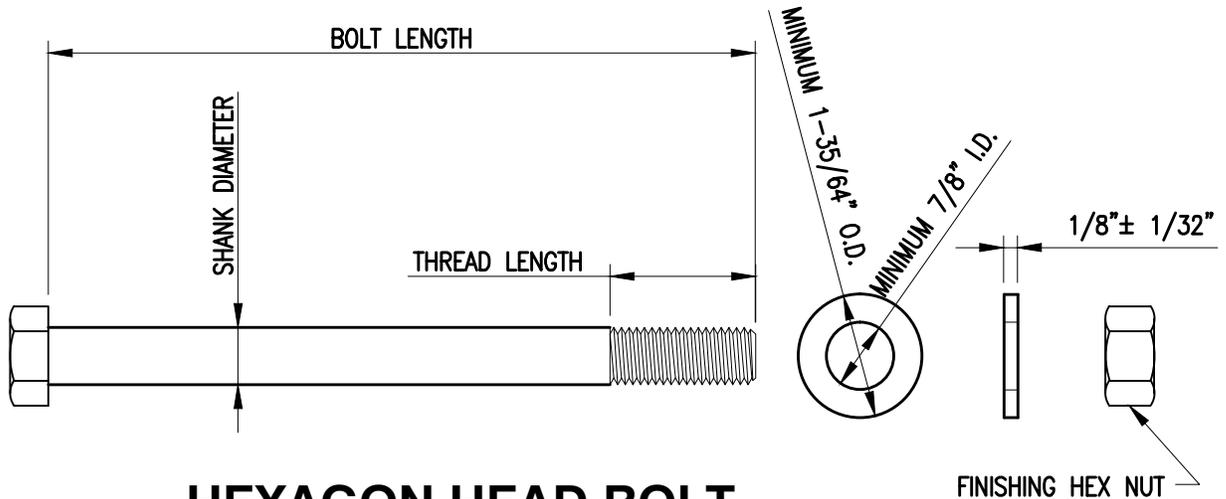
**MAKE FOUR (4) GALV.  
STEEL PLATES MK-P3**  
SCALE 1:10



**MAKE FOUR (4) GALV.  
STEEL PLATES MK-P4**  
SCALE 1:10

1. ROLLED SECTIONS AND PLATE SHALL CONFORM TO C.S.A. STANDARD G40.21-M, GRADE 300 W OR 300 WT.
2. FABRICATION SHALL BE IN ACCORDANCE WITH C.S.A. S16-1989 AND C.S.A. S16.1-M78 (CURRENT EDITION)
3. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF CSA SPECIFICATION W59.1 LATEST EDITION.
4. WELDING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF CSA SPECIFICATION W48.
5. ALL ROUGH EDGES, SEAMS AND WELDS TO BE GROUND SMOOTH AND WELD SPLATTER REMOVED.
6. ALL STEELWORK SHALL BE GALVANIZED IN ACCORDANCE WITH C.S.A. G164-1995 "HOT DIP GALVANIZING OF IRREGULARLY SHAPED ARTICLES". GALVANIZING SHALL HAVE A MINIMUM COATING OF 630 GRAMS PER SQUARE METRE (2 OUNCES PER SQ. FT.) ALL SURFACES TO BE FIRST CLEANED OF OIL, GREASE AND OTHER SURFACE CONTAMINANTS IN ACCORDANCE WITH STANDARD METHODS FOR PREPARATION OF HOT DIP GALVANIZED SURFACES.
7. AS-BUILT DRAWINGS.
8. CONTRACTOR TO FOLLOW ALL SPECIFICATIONS OF AS-BUILT ROOF.

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED G. Reichhardt	<b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND TECHNICAL SUPPORT	SCALE AS NOTED
						DRAWN G. Reichhardt		DATE 4-Dec-09
						RECOMMENDED	<b>TENDERFOOT CREEK HATCHERY</b> <b>HATCHERY BUILDING</b> <b>ROOF REPLACEMENT OVER OFFICE</b> <b>AND WASHROOM AREAS SH. 7 OF 7</b> <b>GABLE ENTRANCE</b> <b>PARALLAM FRAMING - 3D VIEWS</b>	DRAWING NUMBER <b>11-38-173</b>
						APPROVED		REVISION



## HEXAGON HEAD BOLT

BOLT DATA									
IDENTIFICATION	QUANTITY	DIAMETER (INCHES)	BOLT LENGTH (INCHES)	THREADS PER INCH + CLASS	THREAD LENGTH (INCHES)	HEX NUTS PER BOLT	WASHERS PER BOLT	GRADE STEEL	FINISH
B1	2	3/4	13 1/2	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B2	8	3/4	13	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B3	47	3/4	9 1/4	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B4	2	3/4	18	10UNC-2A	2	1	2	SAE 2	H.D.GALV.
B5	6	3/4	16	10UNC-2A	2	1	2	SAE 2	H.D.GALV.

\*\* Note \*\* Add 15% extra nuts and washers

TO: PACIFIC BOLT MANUFACTURING LTD.  
 435 CANFOR AVENUE,  
 NEW WESTMINSTER, B.C. V3L 5H5.  
 PH: 604-524-2658

ATTENTION: TREVOR (Trevor@pacbolt.com)

AS PER OUR TELEPHONE CONVERSATION OF Wednesday, December 2, 2009  
 PLEASE SEND TO ME YOUR PRICE QUOTATION FOR SUPPLY AND  
 DELIVERY OF THE BOLTED ITEMS SHOWN ON THIS PAGE.

DELIVERY IS TO:

TENDERFOOT CREEK HATCHERY,  
 LOT 1000,  
 MIDNIGHT WAY,  
 DISTRICT OF SQUAMISH  
 V0N 1H0.  
 PHONE: 1-604-898-3657

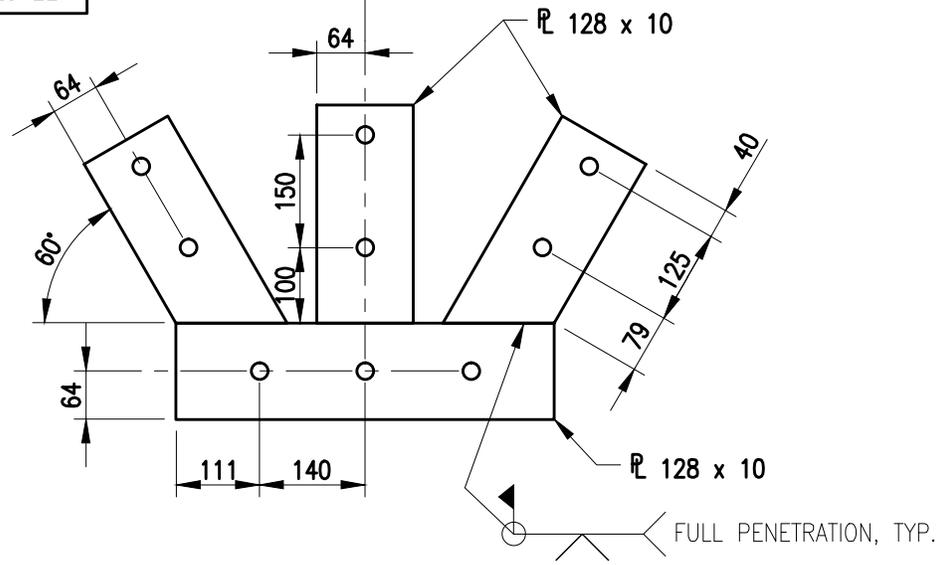
PLEASE FORWARD YOUR QUOTATION EITHER BY EMAIL OR FAX TO:

GORDON REICHHARDT  
 #200 – 401 BURRARD STREET,  
 VANCOUVER B.C. V6C 3S4.

Email: [Gordon.Reichhardt@dfm-mpo.gc.ca](mailto:Gordon.Reichhardt@dfm-mpo.gc.ca)  
 Fax: 604.666.4725  
 Phone: 604.666.3146

ALL HOLES 22 $\phi$

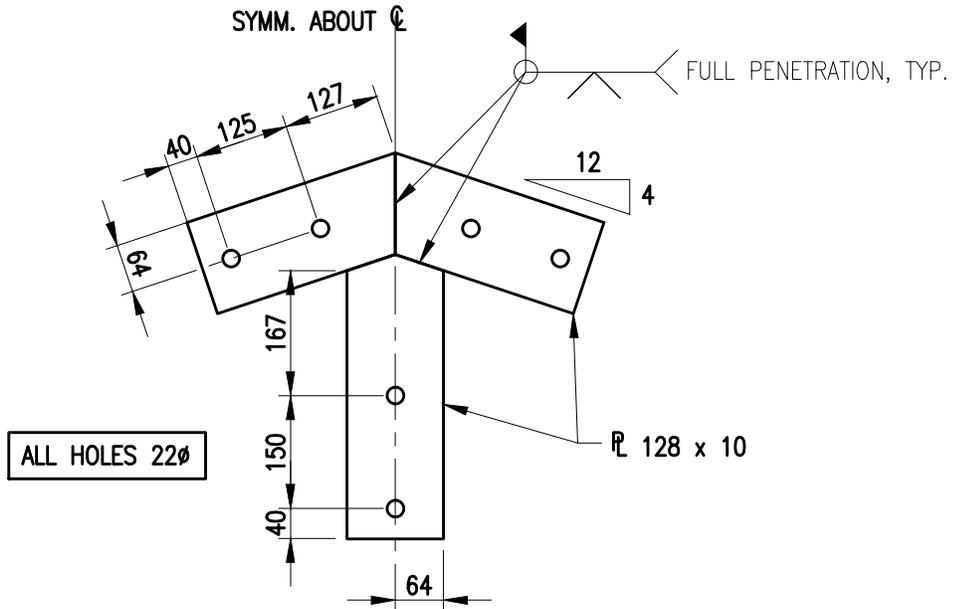
SYMM. ABOUT  $\bar{C}$



## MAKE TWO (2) GALV. STEEL PLATES MK-P1

SCALE 1:10

SYMM. ABOUT  $\bar{C}$



ALL HOLES 22 $\phi$

## MAKE TWO (2) GALV. STEEL PLATES MK-P2

SCALE 1:10



**Fisheries and Oceans Canada**  
**REAL PROPERTY AND TECHNICAL SUPPORT**

Project: TENDERFOOT CREEK HATCHERY

Title: HATCHERY BUILDING ROOF REPLACEMENT  
TIMBER CONNECTIONS  
METALWORK FABRICATION DETAILS

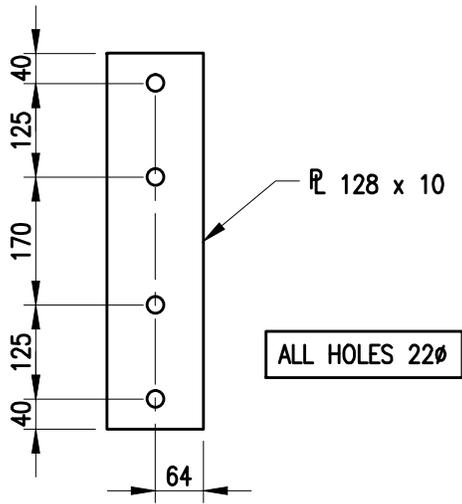
Date: DEC. 4, 2009.

Scale: AS NOTED

Drawn: G. REICHHARDT

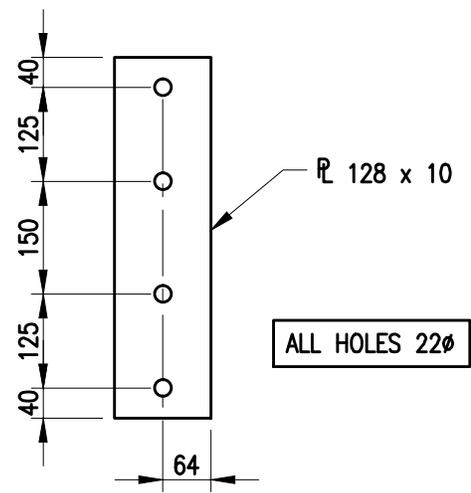
Dwg./Sheet: 11-38-173-A / SHEET 1 OF 3

Rev:



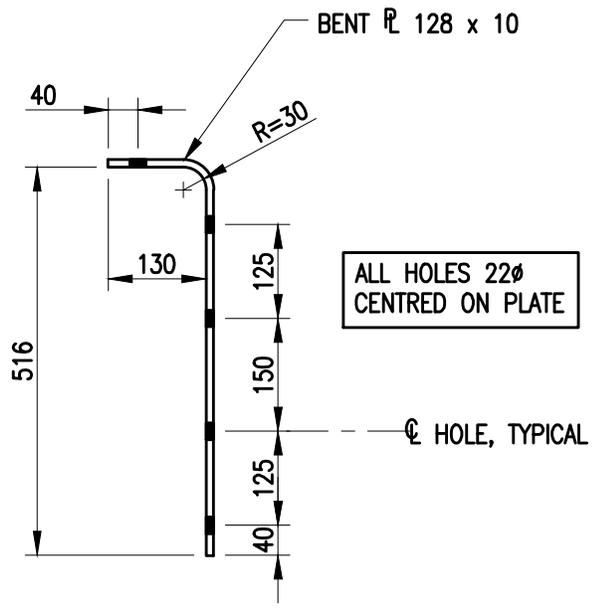
**MAKE FOUR (4) GALV. STEEL PLATES MK-P3**

SCALE 1:10



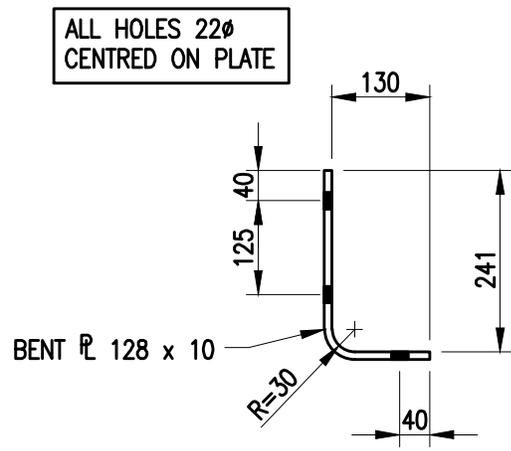
**MAKE FOUR (4) GALV. STEEL PLATES MK-P4**

SCALE 1:10



**MAKE FOUR (4) GALV. STEEL PLATES MK-P5**

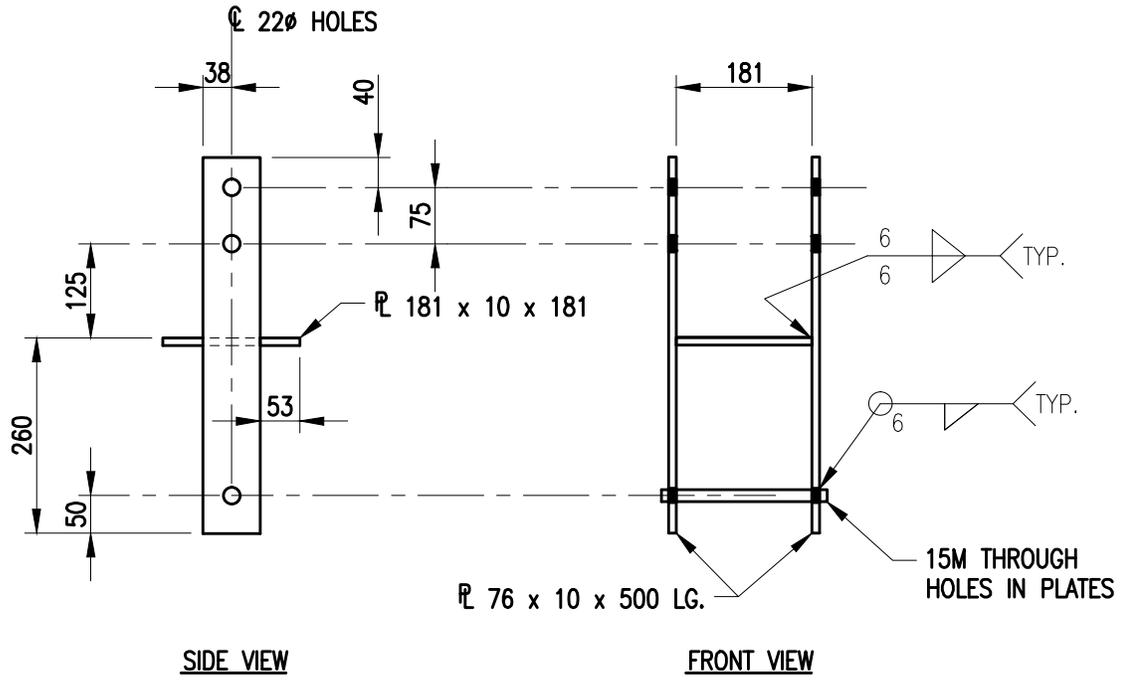
SCALE 1:10



**MAKE FOUR (4) GALV. STEEL PLATES MK-P6**

SCALE 1:10

 <b>Fisheries and Oceans Canada</b> <b>REAL PROPERTY AND TECHNICAL SUPPORT</b>	
Project: TENDERFOOT CREEK HATCHERY	
Title: HATCHERY BUILDING ROOF REPLACEMENT TIMBER CONNECTIONS METALWORK FABRICATION DETAILS	Date: DEC. 4, 2009.
	Scale: AS NOTED
Drawn: G. REICHHARDT	Dwg./Sheet: 11-38-173-A / SHEET 2 OF 3
	Rev:



## **MAKE TWO (2) GALV. STL. POST BASES MK-PB1**

SCALE 1:10

### **GENERAL NOTES**

1. ROLLED SECTIONS AND PLATE SHALL CONFORM TO C.S.A. STANDARD G40.21-M, GRADE 300 W OR 300 WT.
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 <b>Fisheries and Oceans Canada</b> <b>REAL PROPERTY AND TECHNICAL SUPPORT</b>	
Project: TENDERFOOT CREEK HATCHERY	
Title: HATCHERY BUILDING ROOF REPLACEMENT TIMBER CONNECTIONS METALWORK FABRICATION DETAILS	Date: DEC. 4, 2009.
	Scale: AS NOTED
Drawn: G. REICHHARDT	Dwg./Sheet: 11-38-173-A / SHEET 3 OF 3
	Rev: