



# **Peak<sup>®</sup> Stair Risers and Peak<sup>®</sup> Stair Riser Connectors**

## **Report of:**

- **2023 Alberta Building Code – Part 9**
- **2024 British Columbia Building Code – Part 9**
- **2020 National Building Code of Canada – Part 9**
- **2024 Ontario Building Code – Part 9**

**⚠ WARNING** Comply with all applicable building codes. Before using any of these products, ensure foundation is suitable. Not suitable for all applications or any commercial use. Do not overload. Wear protective attire and eyewear.

**LATERA ENGINEERING INC.**

Unit 18 – 62 Fawcett Road  
Coquitlam, BC V3K 6V5  
604.492-3304  
info@latera.ca  
www.latera.ca

May 2, 2024  
Project No: L24-106

Peak Products Manufacturing Inc.  
[www.peakproducts.com](http://www.peakproducts.com)

**PROJECT:** Peak® Stair Riser Compliance.

**SUBJECT:** Structural Review of Peak® Stair Riser and Extension Bracket to Canadian Building Codes

This letter summarizes the findings of our review of the structural resistance of the Peak® Stair Riser.

### Product Description

Peak® Stair Risers come in 1 to 7 step configurations and are constructed of hollow structural steel sections with steel straps welded to the hollow section forming the horizontal tread support. All configurations have a step rise of 192 mm, a run of 264 mm, and are designed to support 2-2x6 or 1-1x12 treads. The specified steel strength of the hollow section and steel strap is 235 MPa.

A Stair Extension Bracket with supporting post and bracing can be used to extend the risers for heights up to 307 cm. Drawings of the various configurations are included in Appendix A.

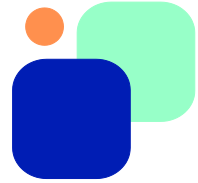
### Structural Loads

The Peak® Stair Risers were reviewed for their resistance to residential live load of 1.9 kPa. The dead load was calculated to be the self-weight of the riser with 2x12 wood treads. Deflection of the riser and treads was limited to the span divided by 240 (L/240).

### Standards

Peak® Stair Risers were evaluated in accordance with the following codes and standards:

- National Building Code of Canada (NBC) 2020
- British Columbia Building Code (BCBC) 2024
- National Building Code – 2023 Alberta Edition
- 2024 Ontario Building Code
- WOOD COMPONENTS: CSA O86-19 - Engineering Design in Wood
- STEEL COMPONENTS: CSA S16-19 – Limit States Design of Steel Structures
- WELDS: CSA W59-18 Welded Steel Construction (Metal Arc Welding)  
CSA W48-18 Filler Metals and Allied Materials for Metal Arc Welding



## FINDINGS

Peak® Stair Risers and Stair Extension Bracket provide adequate resistance to residential floor loads, with a maximum live load deflection of  $L/240$ , given the span limitations illustrated in Appendix A.

### Notes:

1. L is the sloping span of the riser.
2. Some jurisdictions may require closed risers.

## Closure

The Peak® Stair Risers were found to meet the requirements, for use in dwelling units, within Part 9 of the above noted Building Codes. Limitations of compliance are defined in the findings above, and in the assembly drawings presented in Appendix A.

Yours truly,  
**Latera Engineering Inc.**



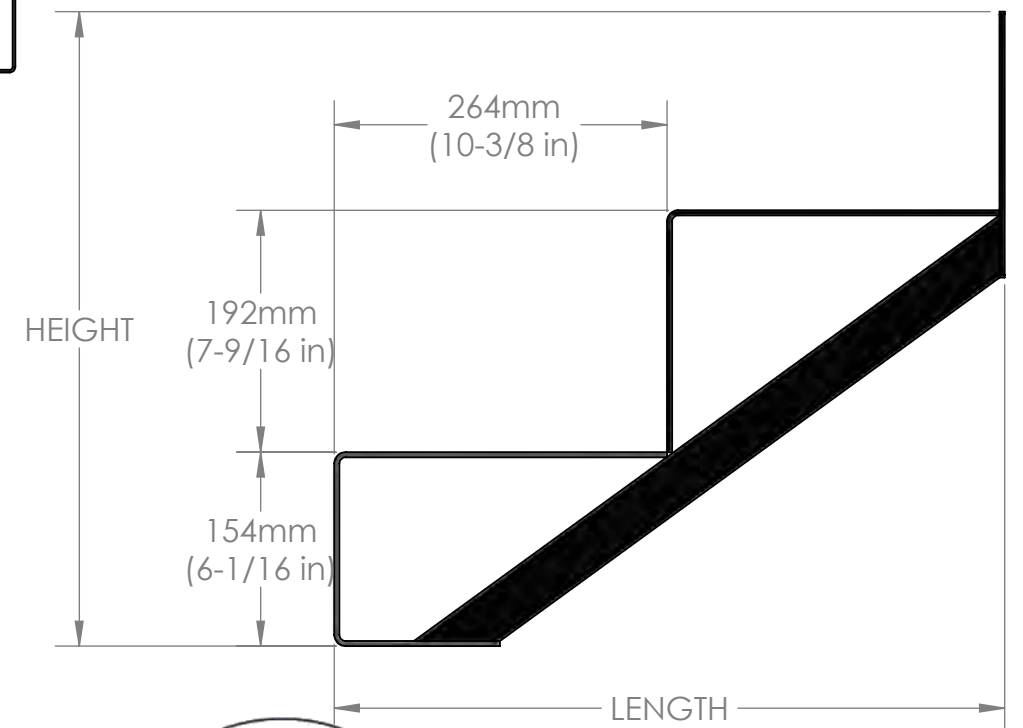
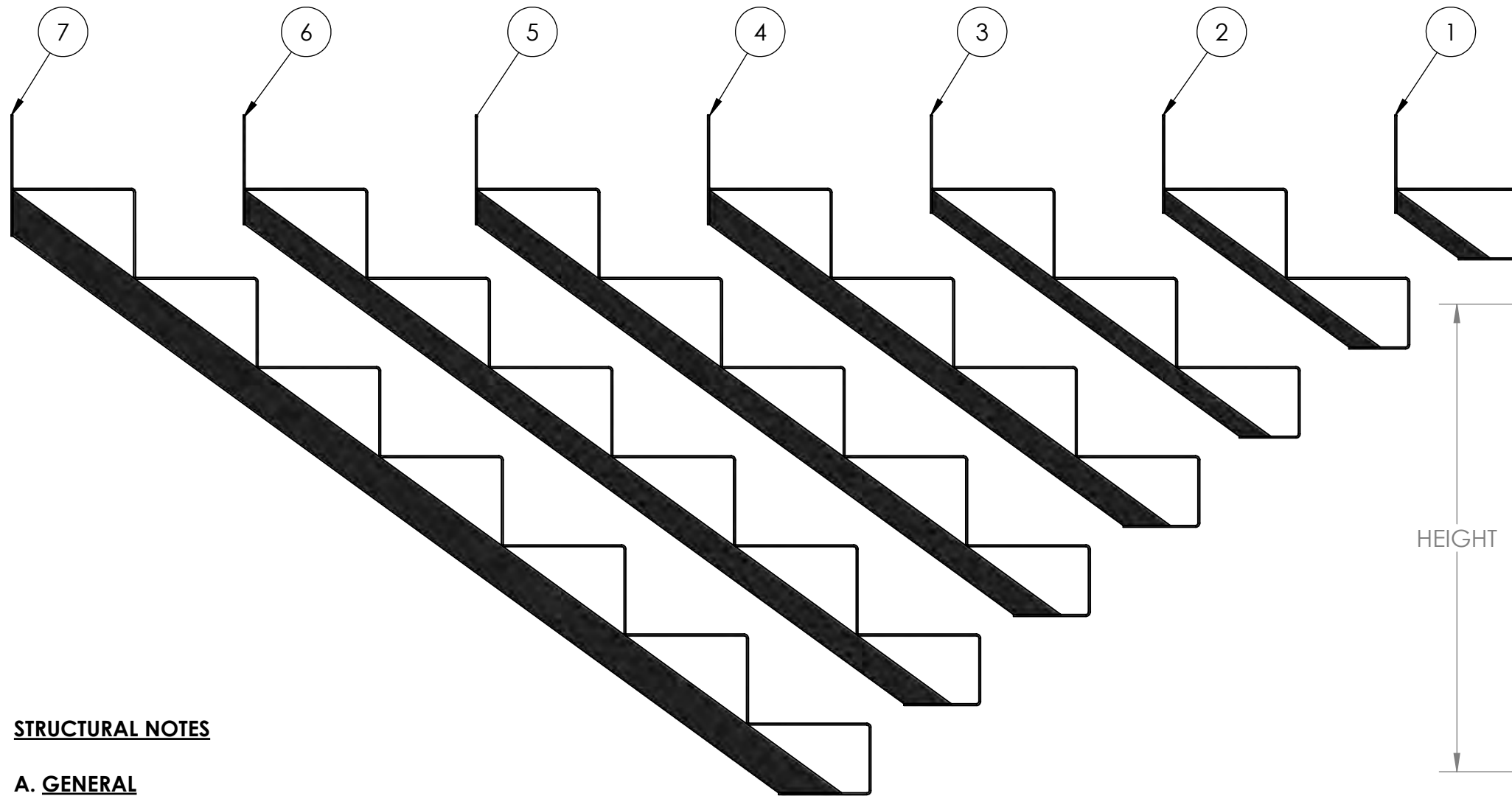
Per: Cameron Robinson, P.Eng.





## **Appendix A**

### **Drawings**



**STRUCTURAL NOTES**

**A. GENERAL**

1. MODIFICATION OF THE STRINGER IS NOT PERMITTED.
2. STAIR STRINGER IS INTENDED FOR RESIDENTIAL USE ONLY (PART 9).

**B. BUILDING CODE AND MATERIAL DESIGN STANDARDS.**

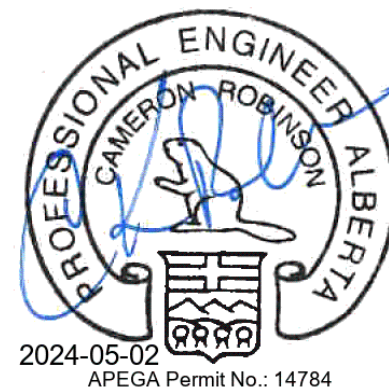
1. NATIONAL BUILDING CODE OF CANADA (NBC) 2020.
2. BRITISH COLUMBIA BUILDING CODE (BCBC) 2024.
3. NATIONAL BUILDING CODE - 2023 ALBERTA EDITION
4. 2024 ONTARIO BUILDING CODE
5. CSA O86-19 ENGINEERING DESIGN IN WOOD.
6. CSA S16-19 LIMIT STATES DESIGN OF STEEL STRUCTURES.
7. CSA W59-18 WELDED STEEL CONSTRUCTION (METAL ARC WELDING).
8. CSA W48-18 FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING.

**C. DESIGN LOADS**

1. GRAVITY LOADS:  
SNOW OR LIVE LOAD (NOT CONCURRENTLY): 1.9 kPa (40 psf)

**D. STRUCTURAL STEEL**

1. STRUCTURAL STEEL: Q235, GALVANIZED 40-50 g/m2.



ITEM NO.	SKU	DESCRIPTION	LENGTH mm (in)	HEIGHT mm (in)
1	2451	1 Step	268 (10-9/16)	311 (12-1/4)
2	2452	2 Step	532 (20-15/16)	503 (19-13/16)
3	2453	3 Step	796 (31-5/16)	695 (27-3/8)
4	2454	4 Step	1060 (41-3/4)	888 (34-15/16)
5	2455	5 Step	1324 (52-1/8)	1080 (42-1/2)
6	2456	6 Step	1588 (62-1/2)	1272 (50-1/16)
7	2457	7 Step	1852 (72-15/16)	1464 (57-5/8)

**PEAK**

TITLE  
General Information

PART FILE  
Report SKUs - CAN

DWG REV  
D

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**

THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE  
**B** DWG. NO.  
Report\_CAN\_GeneralInformation

SCALE: 1:9 SHT REV 2016-06-01-A Sheet 1 of 15

2x6 BOARD SPACING:  
1/8 in. - 3/16 in.  
( 3mm - 5mm)

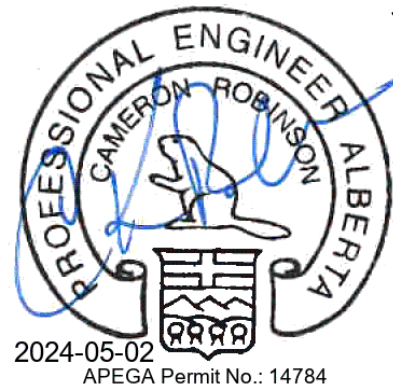
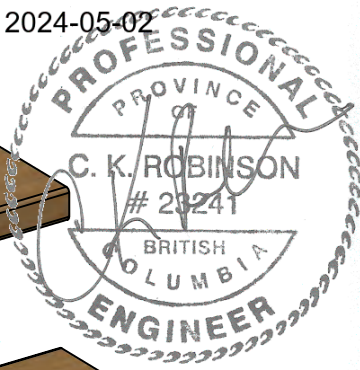
RUN: 10.4 in. (263.99mm)

RISE: 7.6 in. (192.01mm)

MAXIMUM: 1 in. (25mm)

(36.0deg)

2024-05-02



**STRUCTURAL NOTES**

**A. GENERAL**

1. MODIFICATION OF THE STRINGER IS NOT PERMITTED.
2. STAIR STRINGER IS INTENDED FOR RESIDENTIAL USE ONLY (PART 9).

**B. BUILDING CODE AND MATERIAL DESIGN STANDARDS.**

1. NATIONAL BUILDING CODE OF CANADA (NBC) 2020.
2. BRITISH COLUMBIA BUILDING CODE (BCBC) 2024.
3. NATIONAL BUILDING CODE - 2023 ALBERTA EDITION
4. 2024 ONTARIO BUILDING CODE
5. CSA O86-19 ENGINEERING DESIGN IN WOOD.
6. CSA S16-19 LIMIT STATES DESIGN OF STEEL STRUCTURES.
7. CSA W59-18 WELDED STEEL CONSTRUCTION (METAL ARC WELDING).
8. CSA W48-18 FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING.

**C. DESIGN LOADS**

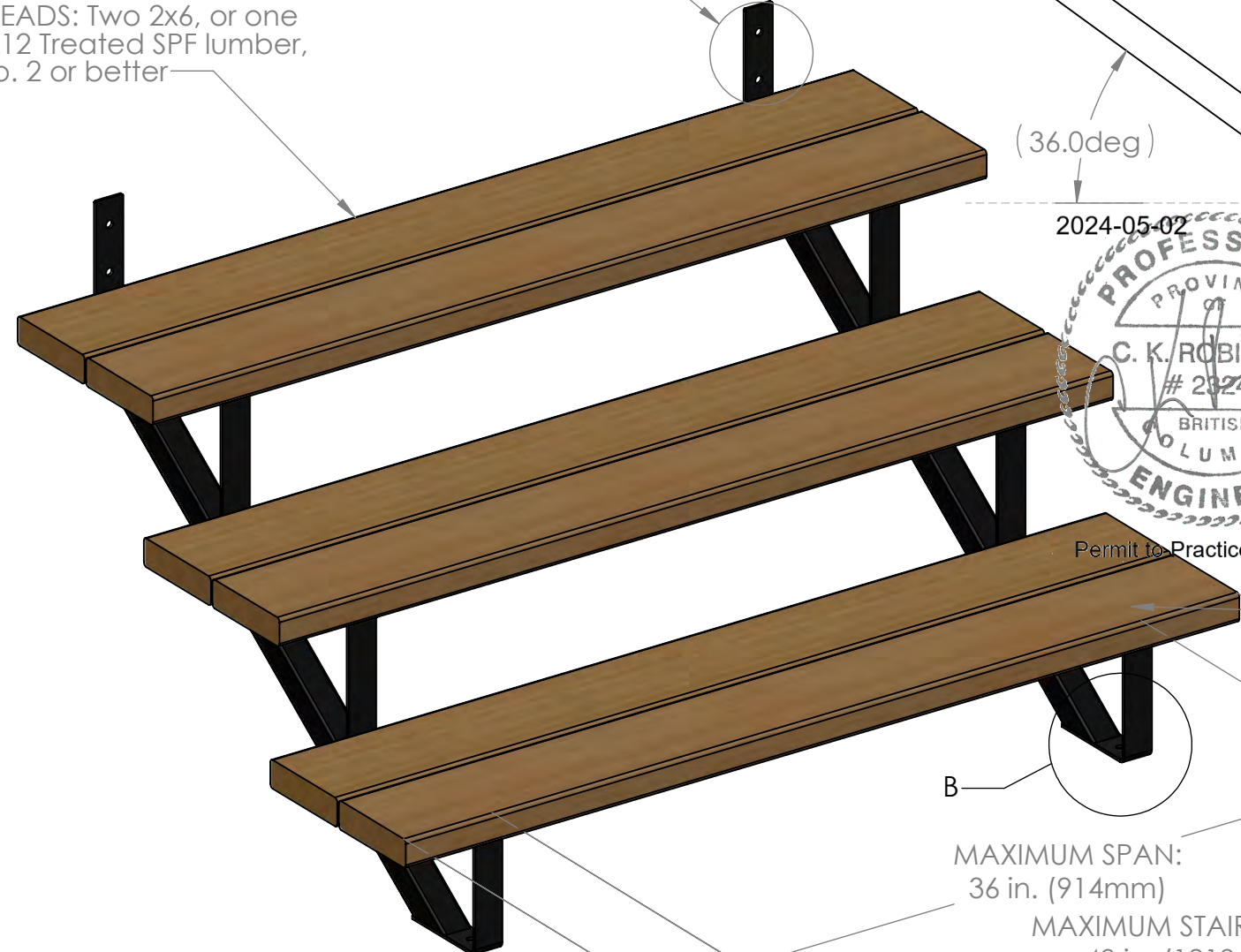
1. GRAVITY LOADS:  
SNOW OR LIVE LOAD (NOT CONCURRENTLY): 1.9 kPa (40 psf)

**D. STRUCTURAL STEEL**

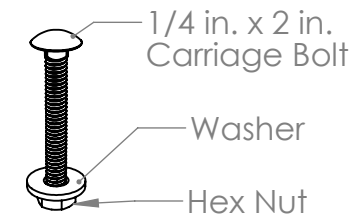
1. STRUCTURAL STEEL: Q235, GALVANIZED 40-50 g/m2.

Wood attachment:  
Two 3/8 in. diameter lag screws,  
minimum 3 in. penetration into  
treated SPF lumber, No. 2 or better

TREADS: Two 2x6, or one  
2x12 Treated SPF lumber,  
No. 2 or better



Recommended Fastener:



MAXIMUM SPAN:  
36 in. (914mm)

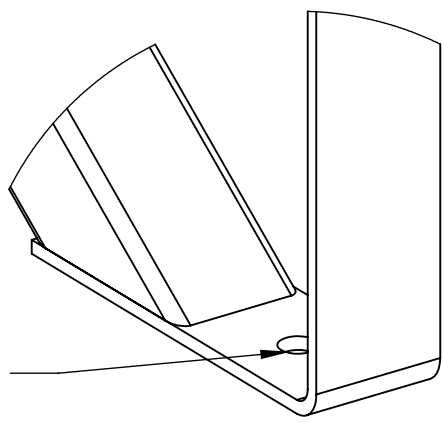
MAXIMUM STAIR WIDTH:  
48 in. (1219mm)

MAXIMUM OVERHANG: 6 in. (152mm)  
MINIMUM OVERHANG: 2-5/8 in. (66 mm)



Concrete attachment:  
One Hilti Kwik Bolt 3, diameter 3/8 in., with minimum  
concrete embedment 2 in.

Wood attachment:  
One 3/8 in. diameter lag screw, minimum 3 in.  
penetration into treated SPF lumber, No. 2 or better



DETAIL B  
SCALE 1 : 2



TITLE		Two Stringer Configuration	
PART FILE		Report Assembly CAN	
DWG REV		E	
DIMENSIONS ARE IN MM UNLESS NOTED DO NOT SCALE DRAWING			
<b>PROPRIETARY AND CONFIDENTIAL</b>			
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY PROHIBITED.			
SIZE	DWG. NO.		
<b>B</b>	Report_CAN_2-stringer		
SCALE: 1:8	SHT REV	2016-06-01-A	Sheet 2 of 15

2024-05-02

2024-05-02

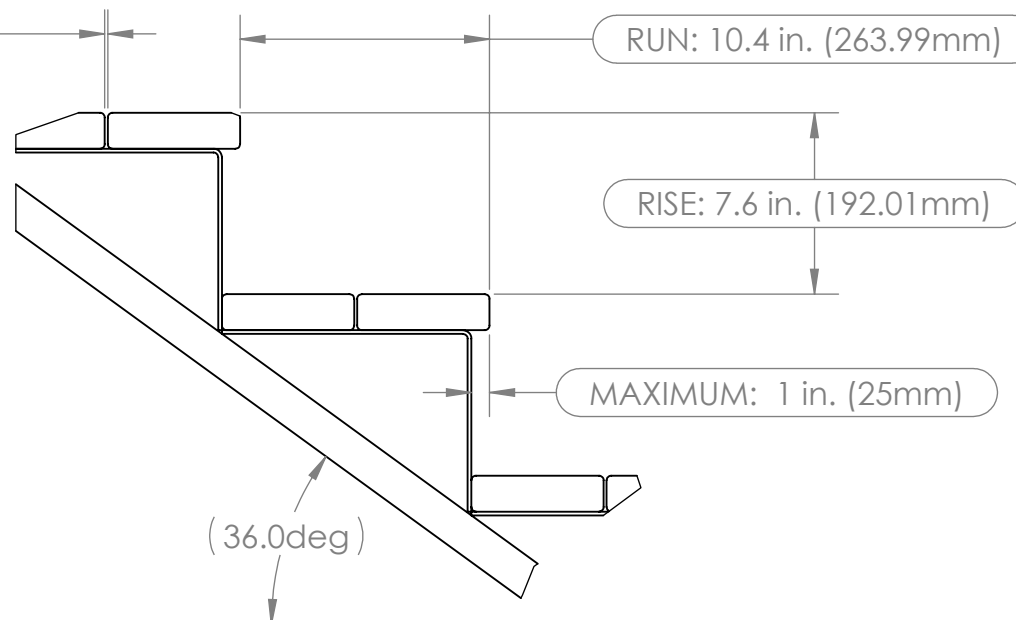


Permit to Practice: 1000301

Wood attachment:  
Two 3/8 in. diameter lag screws,  
minimum 3 in. penetration into  
treated SPF lumber, No. 2 or better

TREADS: Two 2x6, or one  
2x12 Treated SPF lumber,  
No. 2 or better

2x6 BOARD SPACING:  
1/8 in. - 3/16 in.  
(3mm - 5mm)



### STRUCTURAL NOTES

#### A. GENERAL

1. MODIFICATION OF THE STRINGER IS NOT PERMITTED.
2. STAIR STRINGER IS INTENDED FOR RESIDENTIAL USE ONLY (PART 9).

#### B. BUILDING CODE AND MATERIAL DESIGN STANDARDS.

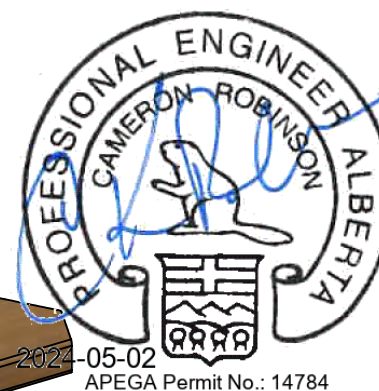
1. NATIONAL BUILDING CODE OF CANADA (NBC) 2020.
2. BRITISH COLUMBIA BUILDING CODE (BCBC) 2024.
3. NATIONAL BUILDING CODE - 2023 ALBERTA EDITION
4. 2024 ONTARIO BUILDING CODE
5. CSA O86-19 ENGINEERING DESIGN IN WOOD.
6. CSA S16-19 LIMIT STATES DESIGN OF STEEL STRUCTURES.
7. CSA W59-18 WELDED STEEL CONSTRUCTION (METAL ARC WELDING).
8. CSA W48-18 FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING.

#### C. DESIGN LOADS

1. GRAVITY LOADS:  
SNOW OR LIVE LOAD (NOT CONCURRENTLY): 1.9 kPa (40 psf)

#### D. STRUCTURAL STEEL

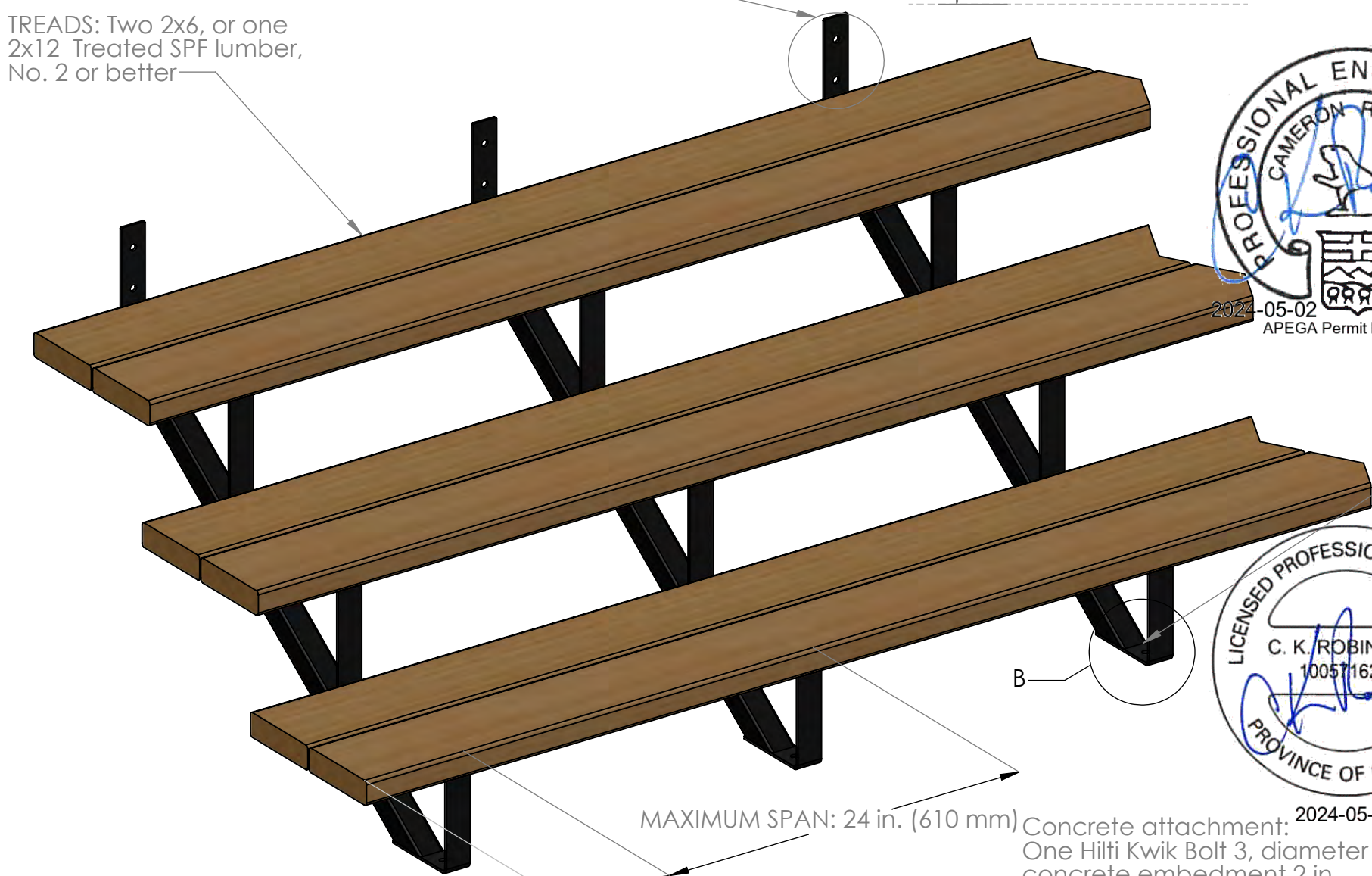
1. STRUCTURAL STEEL: Q235, GALVANIZED 40-50 g/m2.



2024-05-02  
APEGA Permit No.: 14784



2024-05-02



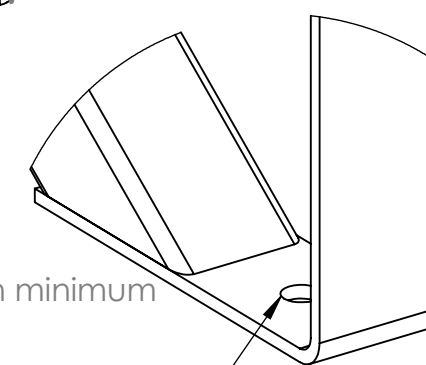
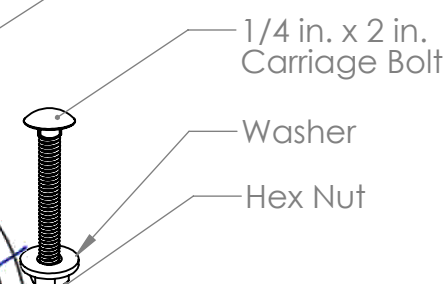
MAXIMUM OVERHANG: 6 in. (152 mm)  
MINIMUM OVERHANG: 2-5/8 in. (66mm)

MAXIMUM SPAN: 24 in. (610 mm)

Concrete attachment:  
One Hilti Kwik Bolt 3, diameter 3/8 in., with minimum  
concrete embedment 2 in.

Wood attachment:  
One 3/8 in. diameter lag screw, minimum 3 in.  
penetration into treated SPF lumber, No. 2 or better

Recommended Fastener:



DETAIL B  
SCALE 1 : 2



TITLE  
Multi-Stringer Configuration

PART FILE  
Report Assembly CAN

DWG REV  
D

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

### PROPRIETARY AND CONFIDENTIAL

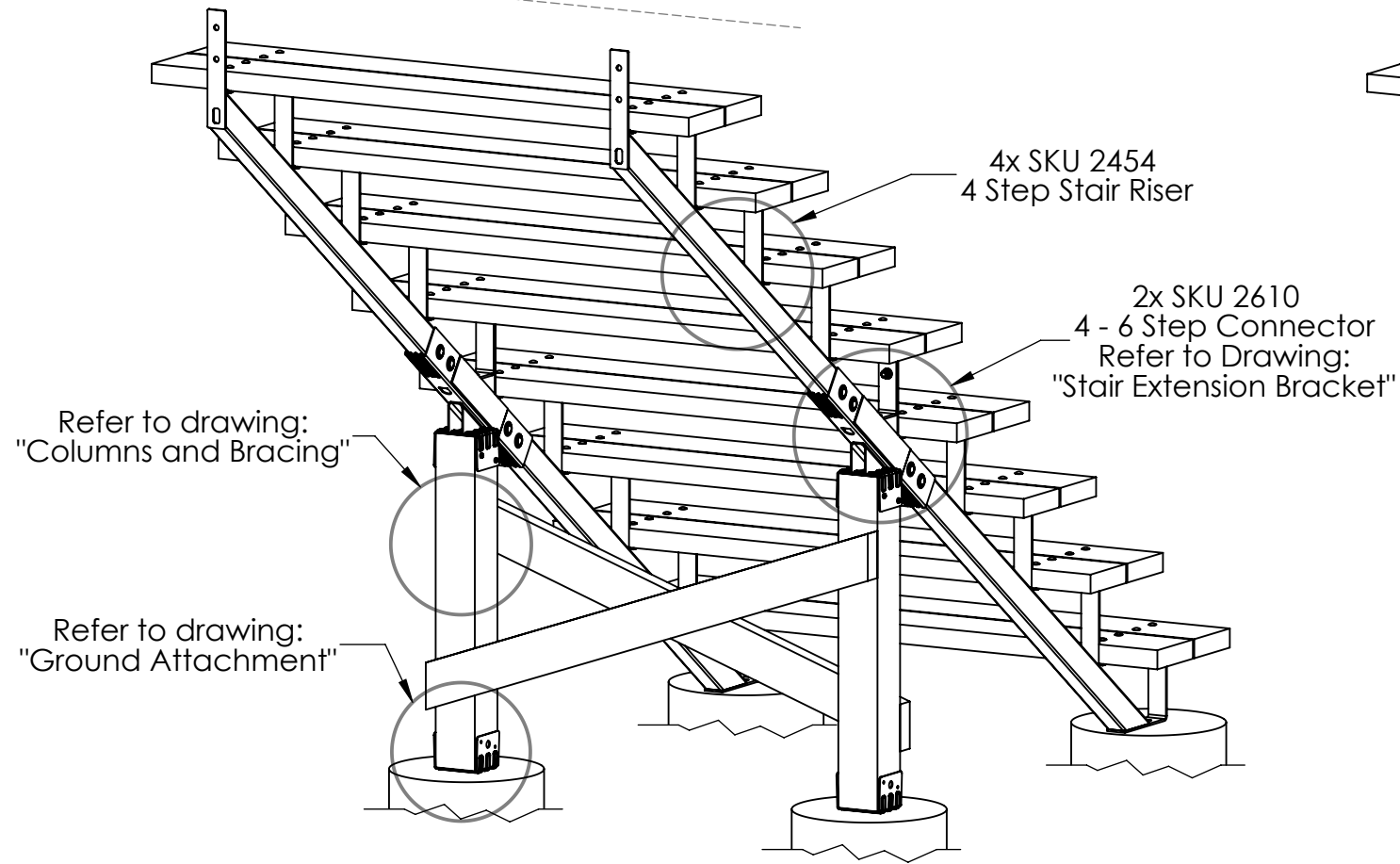
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE  
ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS  
INC. AND PEAK PRODUCTS CORPORATION). ANY  
DISSEMINATION OR REPRODUCTION IN WHOLE OR IN PART  
IS STRICTLY PROHIBITED.

SIZE  
**B** DWG. NO.  
Report\_CAN\_Multi-stringer

SCALE: 1:8 SHT REV  
2016-06-01-A Sheet 3 of 15

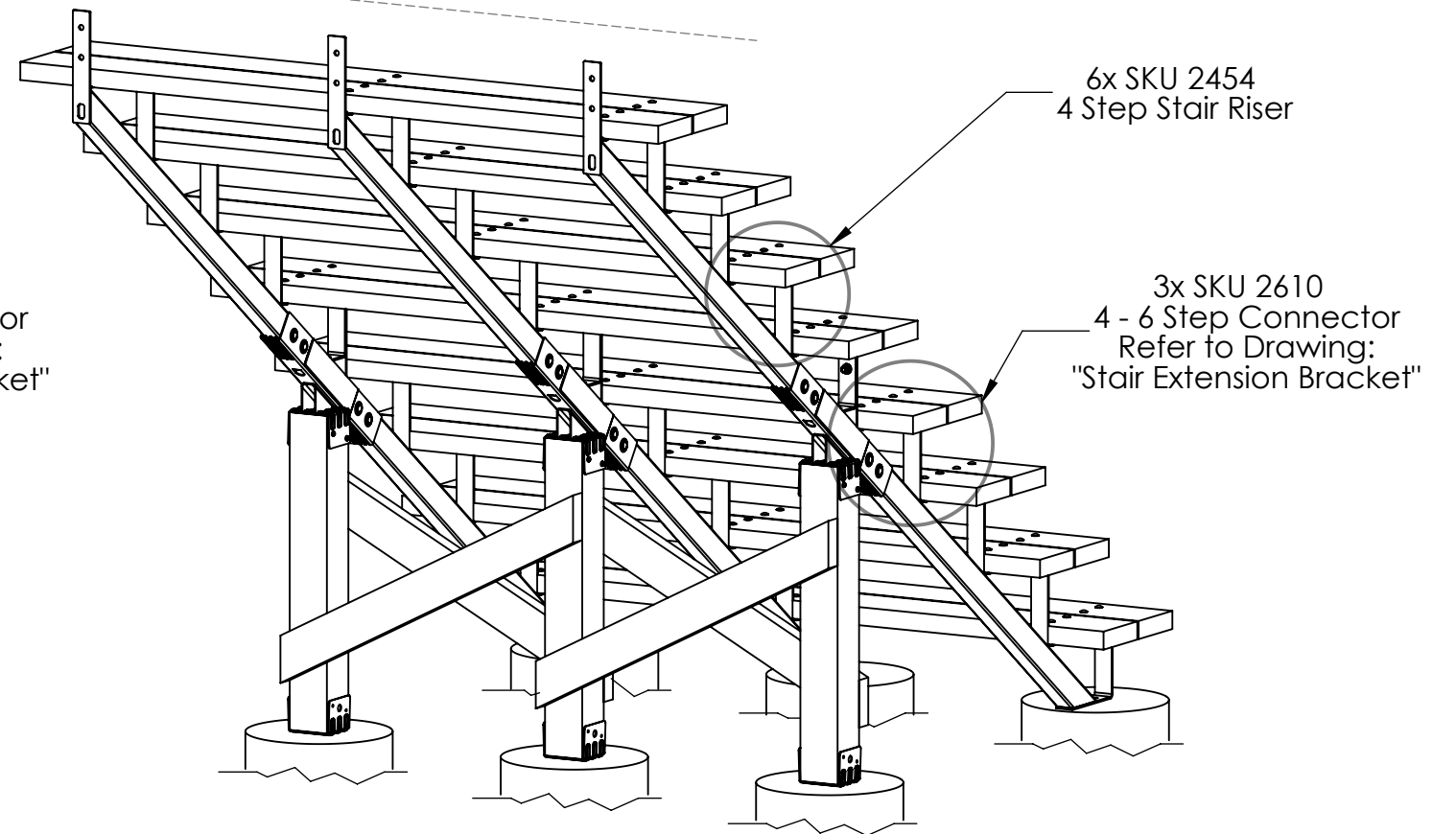
DECK HEIGHT :  
68.0 in. [173 cm]

## Two Riser Assembly



DECK HEIGHT :  
68.0 in. [173 cm]

## Multi Riser Assembly



TITLE  
8-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV  
C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

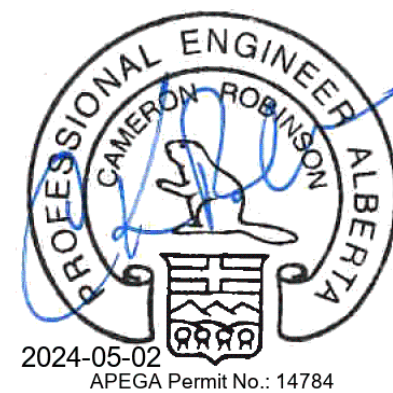
SIZE  
**B**

DWG. NO.  
Stair Assemblies - CAN

SCALE: 1:24

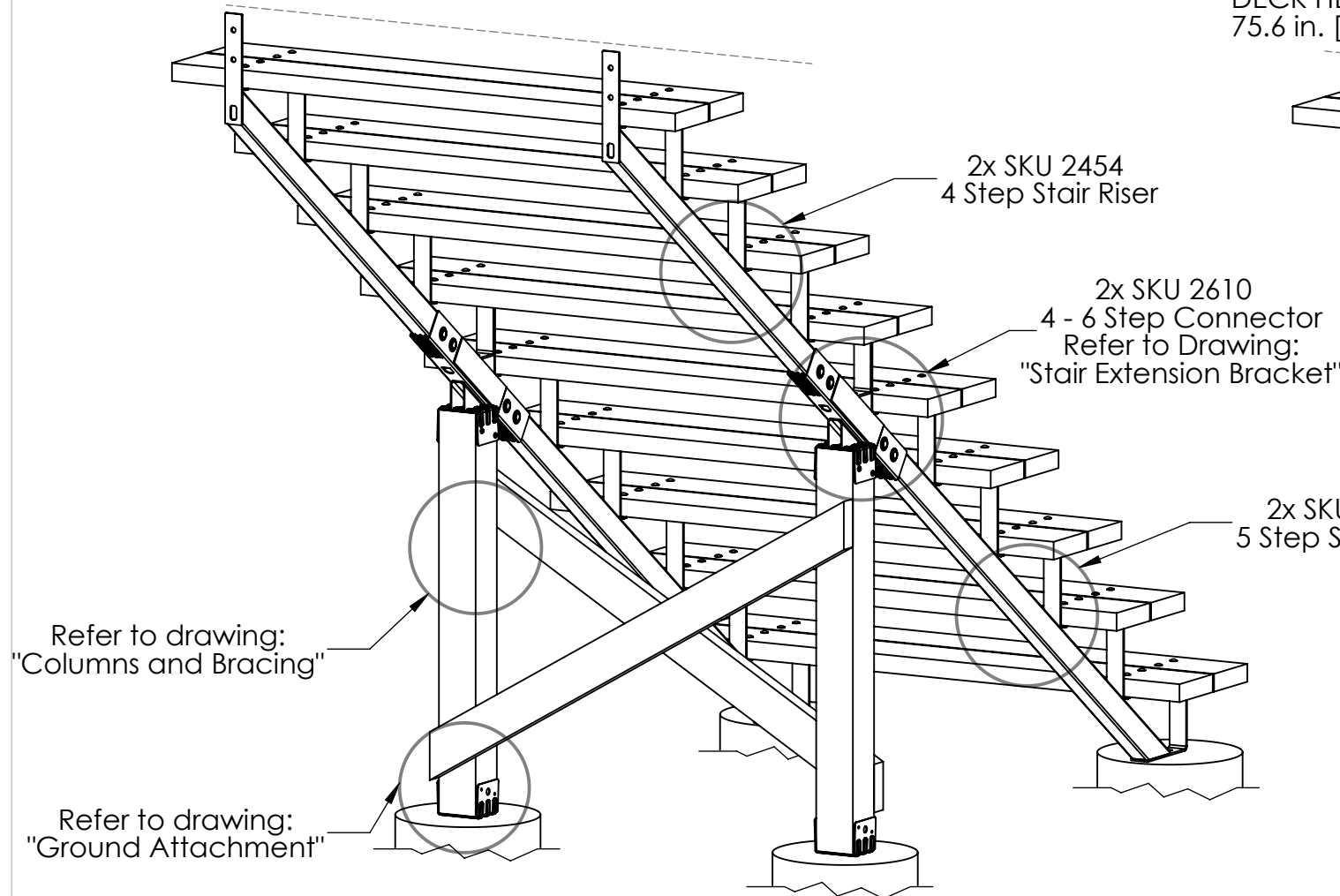
SHT REV  
2017-05-16

Sheet 4 of 15



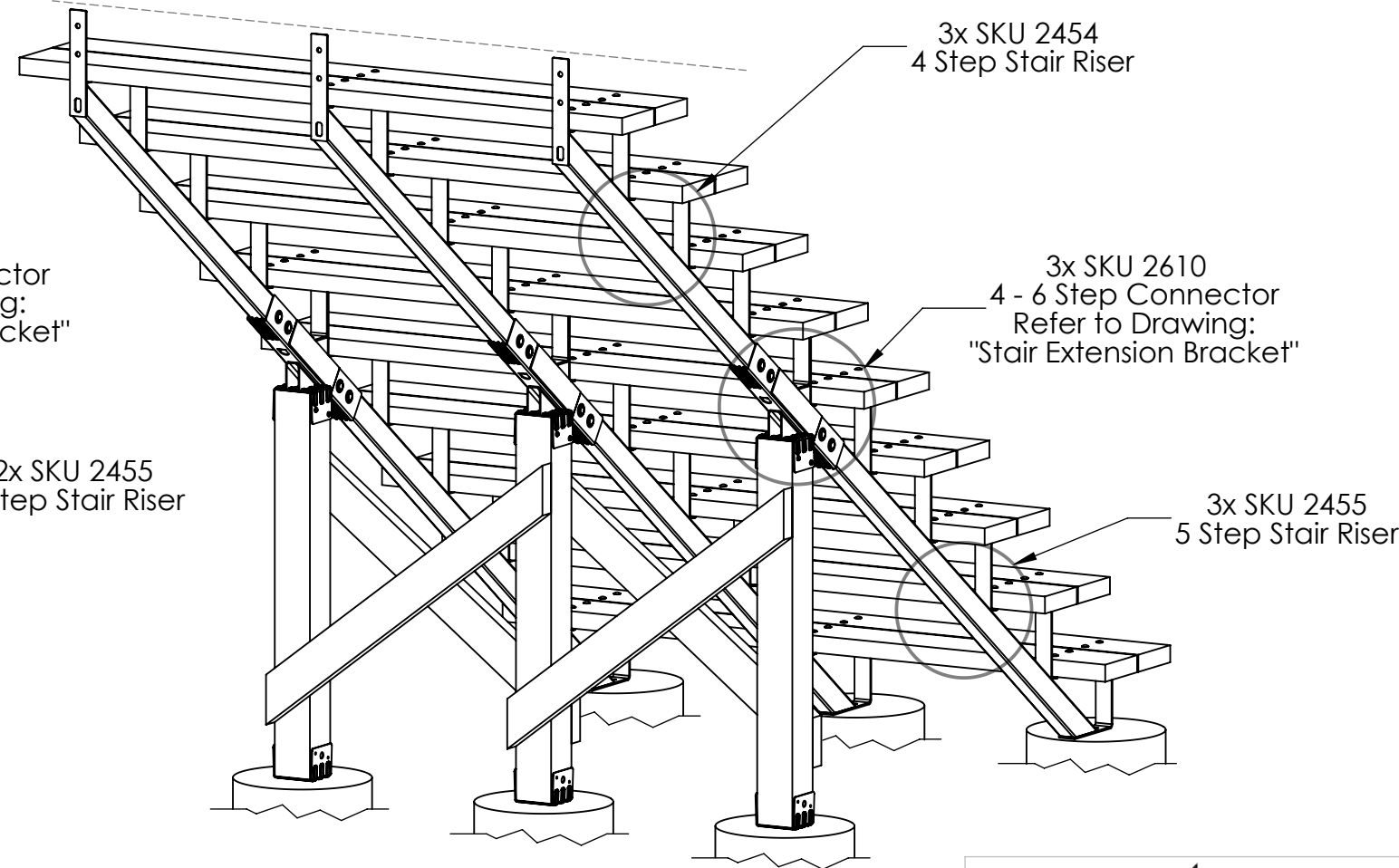
DECK HEIGHT :  
75.6 in. [192 cm]

### Two Riser Assembly



DECK HEIGHT :  
75.6 in. [192 cm]

### Multi Riser Assembly



TITLE  
9-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

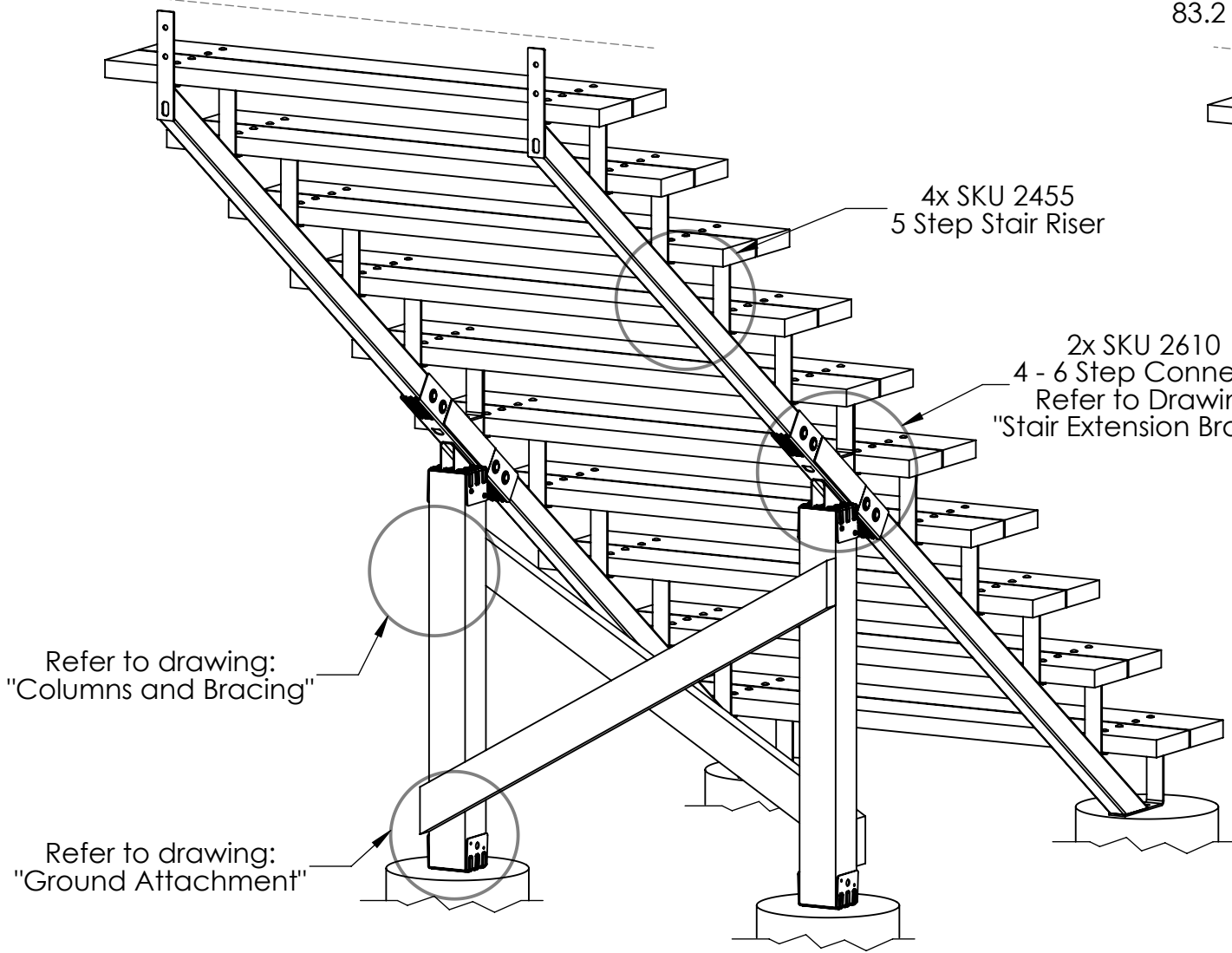
SIZE DWG. NO.  
**B** Stair Assemblies - CAN

SCALE: 1:24 SHT REV 2017-05-16 Sheet 5 of 15



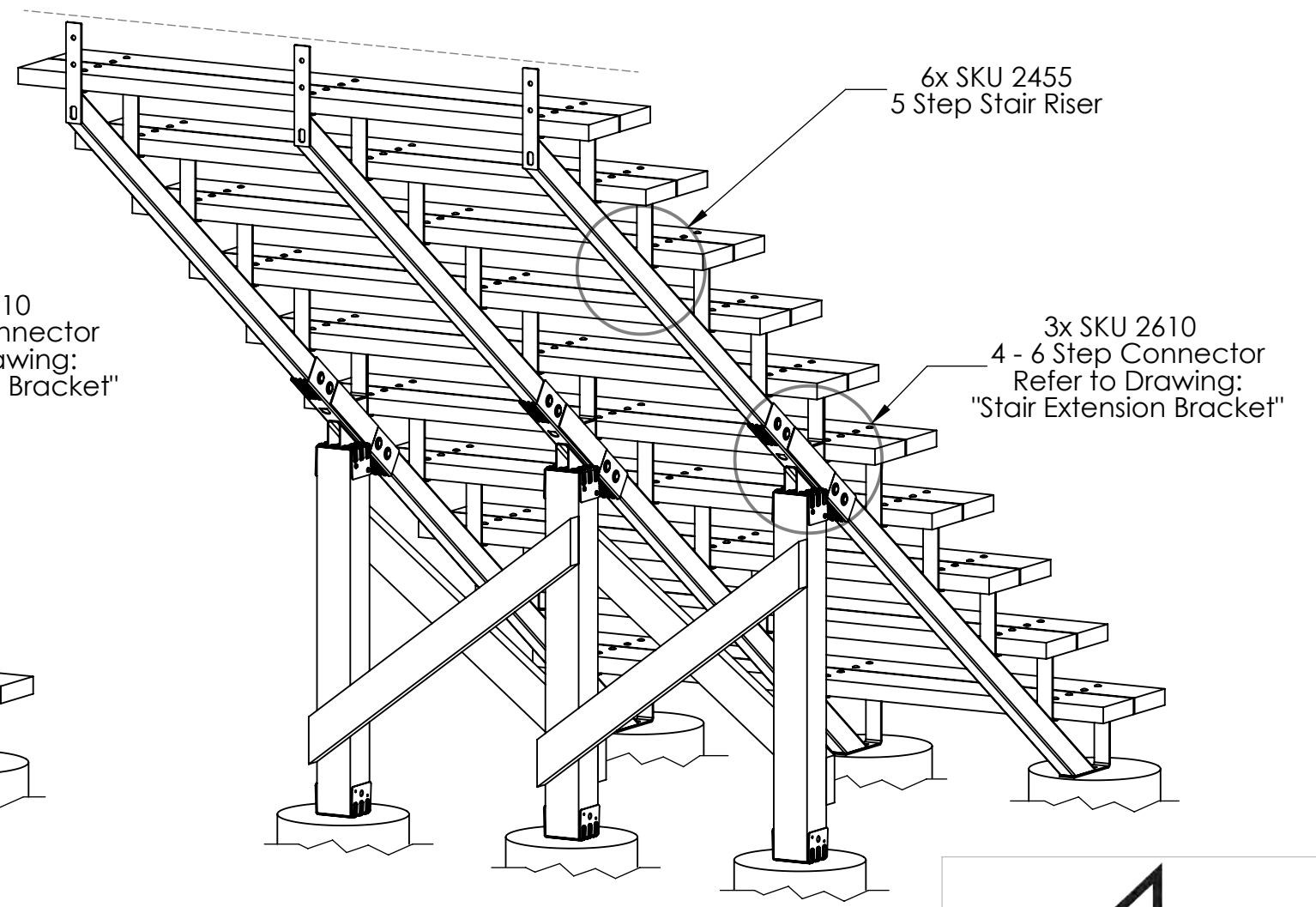
DECK HEIGHT :  
83.2 in. [211 cm]

### Two Riser Assembly



DECK HEIGHT :  
83.2 in. [211 cm]

### Multi Riser Assembly



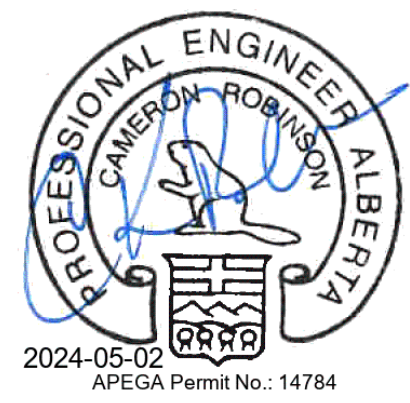
TITLE	10-Step Stair Assembly
PART FILE	Stair Assembly 8 Step (4+4)
DWG REV	C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE	DWG. NO.
<b>B</b>	Stair Assemblies - CAN

SCALE: 1:24 SHT REV 2017-05-16 Sheet 6 of 15

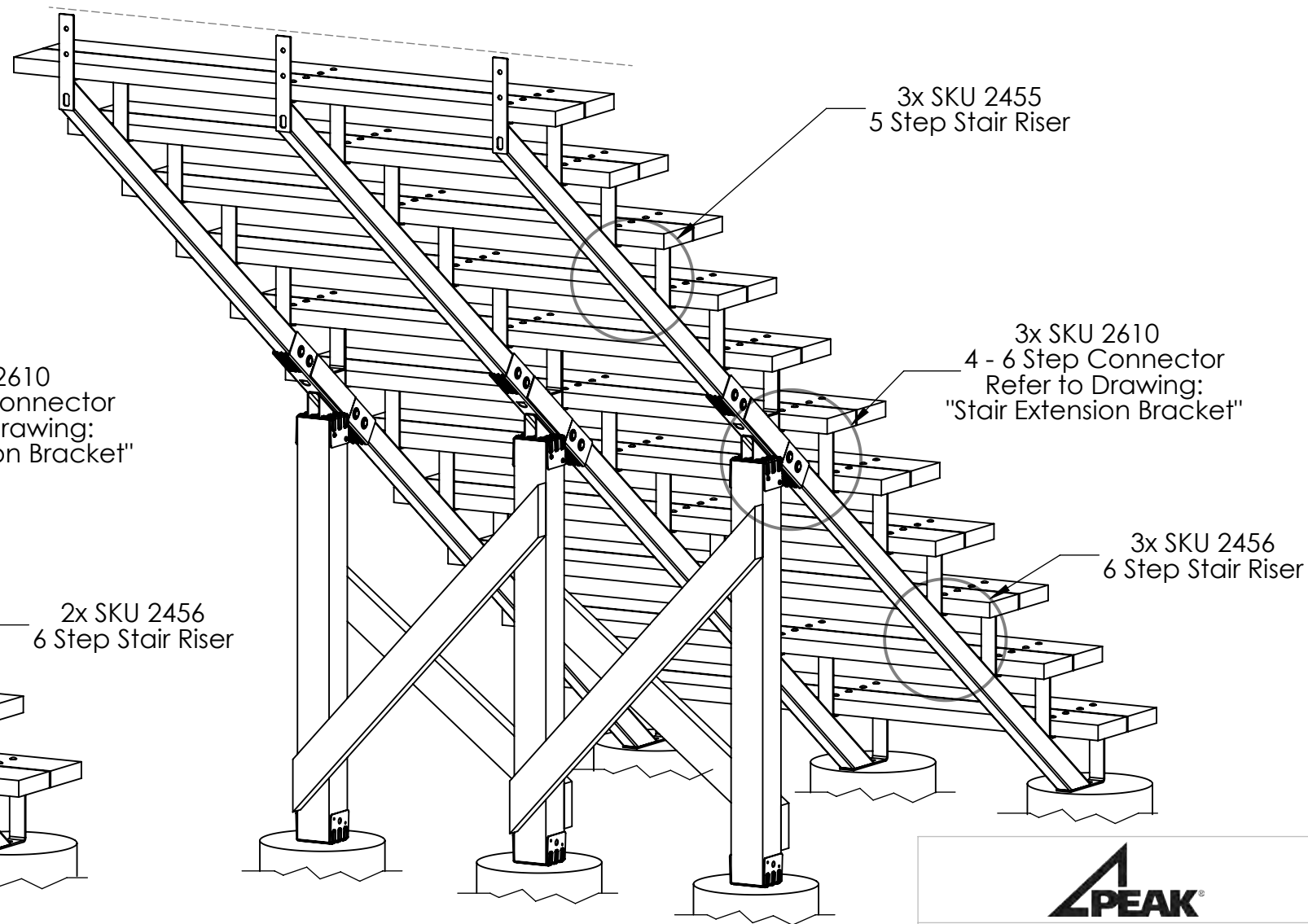
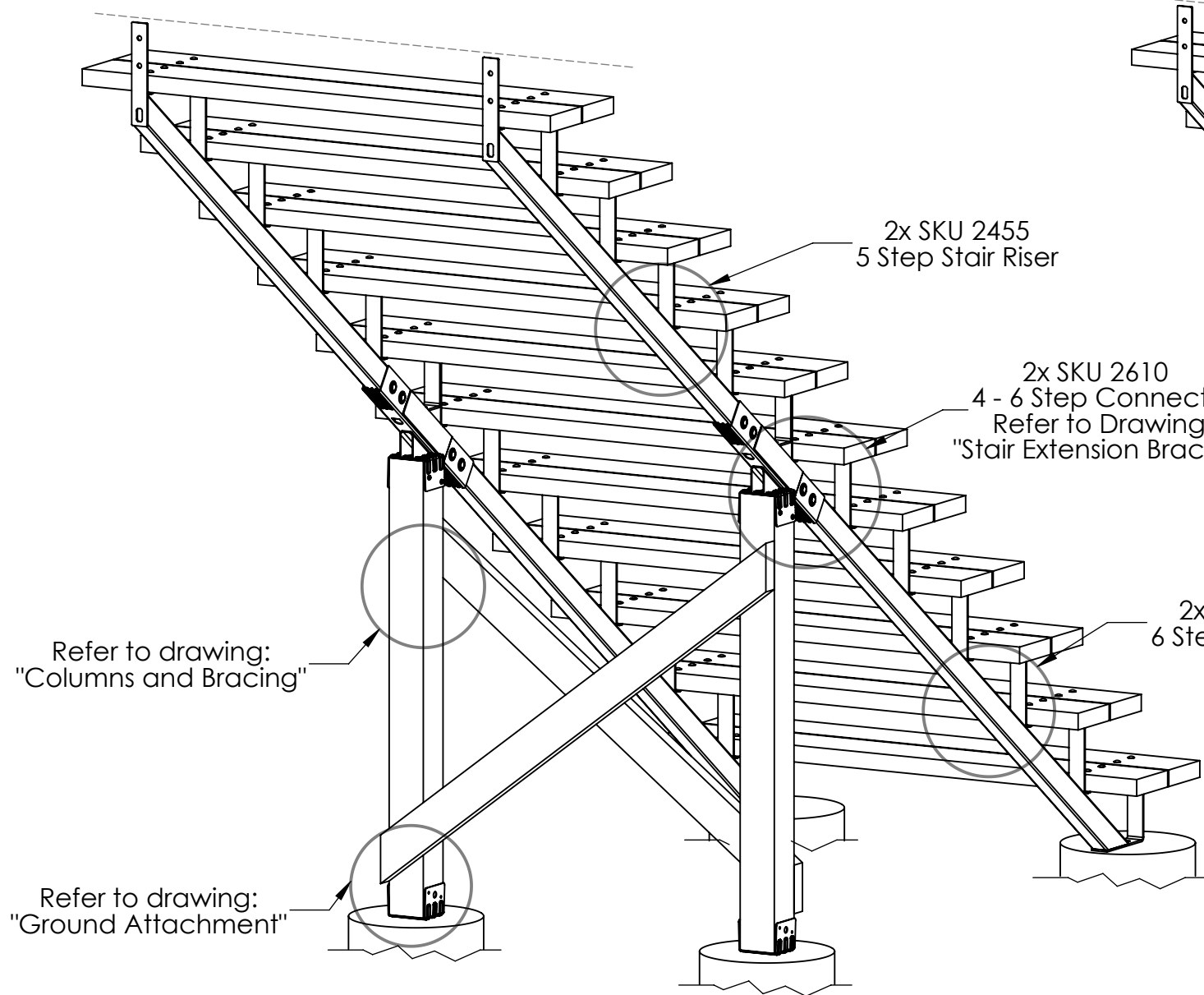


DECK HEIGHT :  
90.7 in. [230 cm]

### Two Riser Assembly

DECK HEIGHT :  
90.7 in. [230 cm]

### Multi Riser Assembly



TITLE  
11-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV  
C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE  
**B** DWG. NO.  
Stair Assemblies - CAN

SCALE: 1:24 SHT REV  
2017-05-16 Sheet 7 of 15

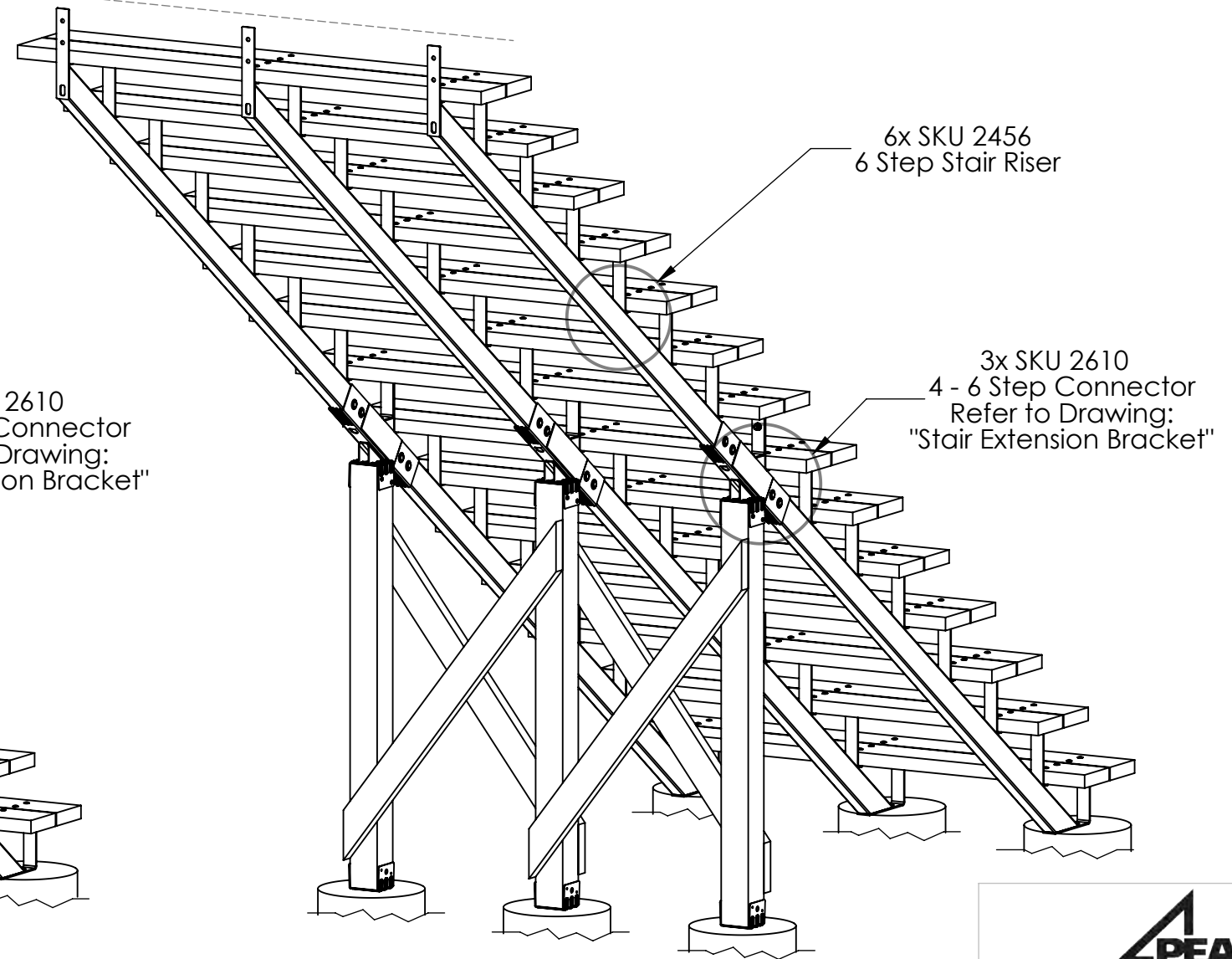
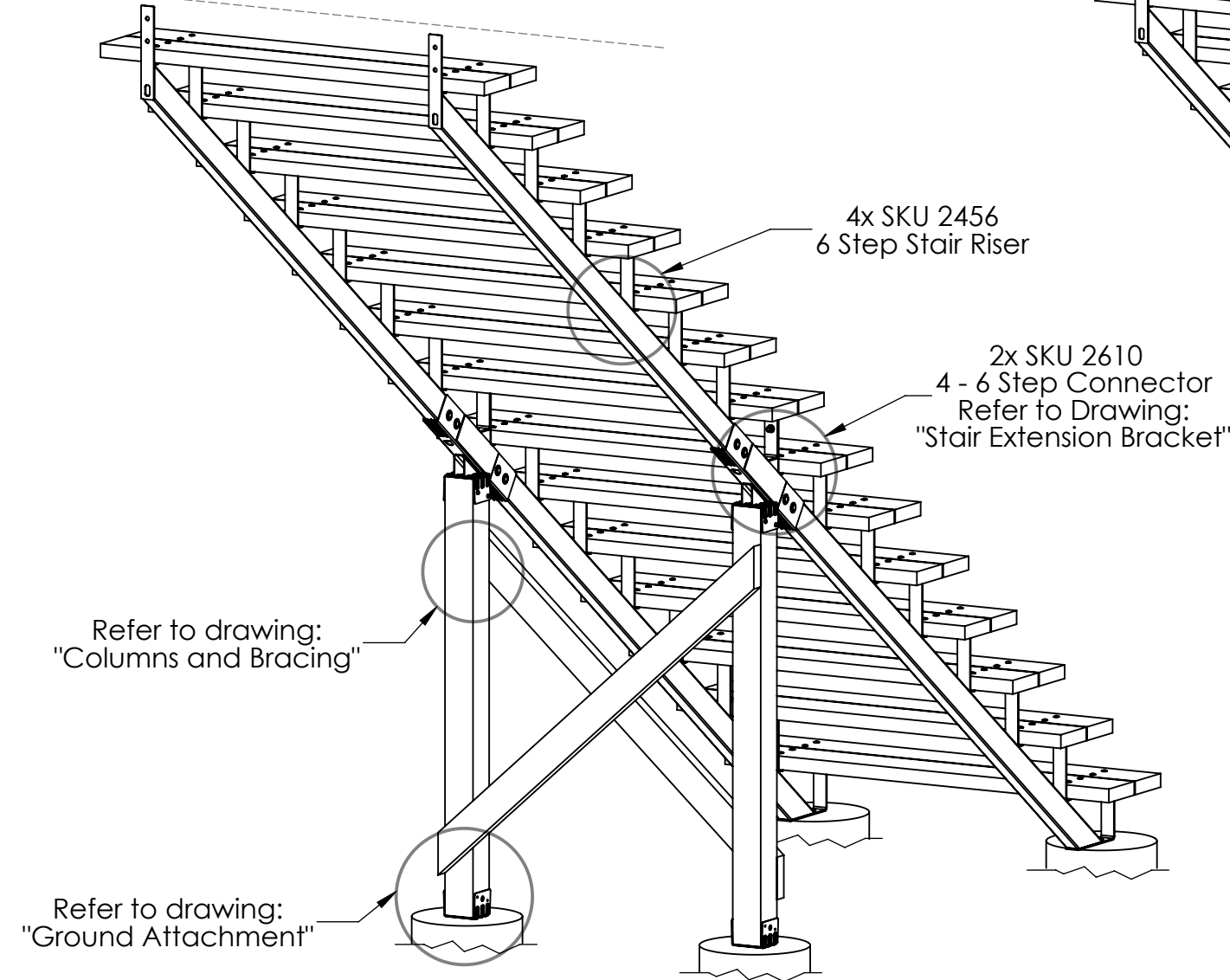


DECK HEIGHT :  
98.3 in. [250 cm]

### Two Riser Assembly

DECK HEIGHT :  
98.3 in. [250 cm]

### Multi Riser Assembly



TITLE  
12-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV  
C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

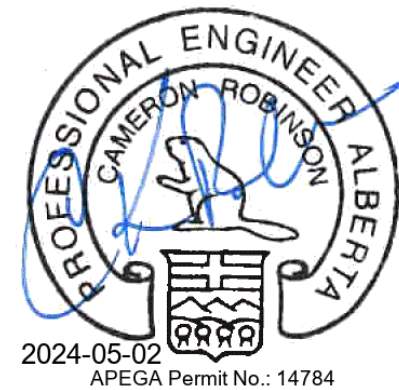
SIZE  
**B**

DWG. NO.  
Stair Assemblies - CAN

SCALE: 1:24

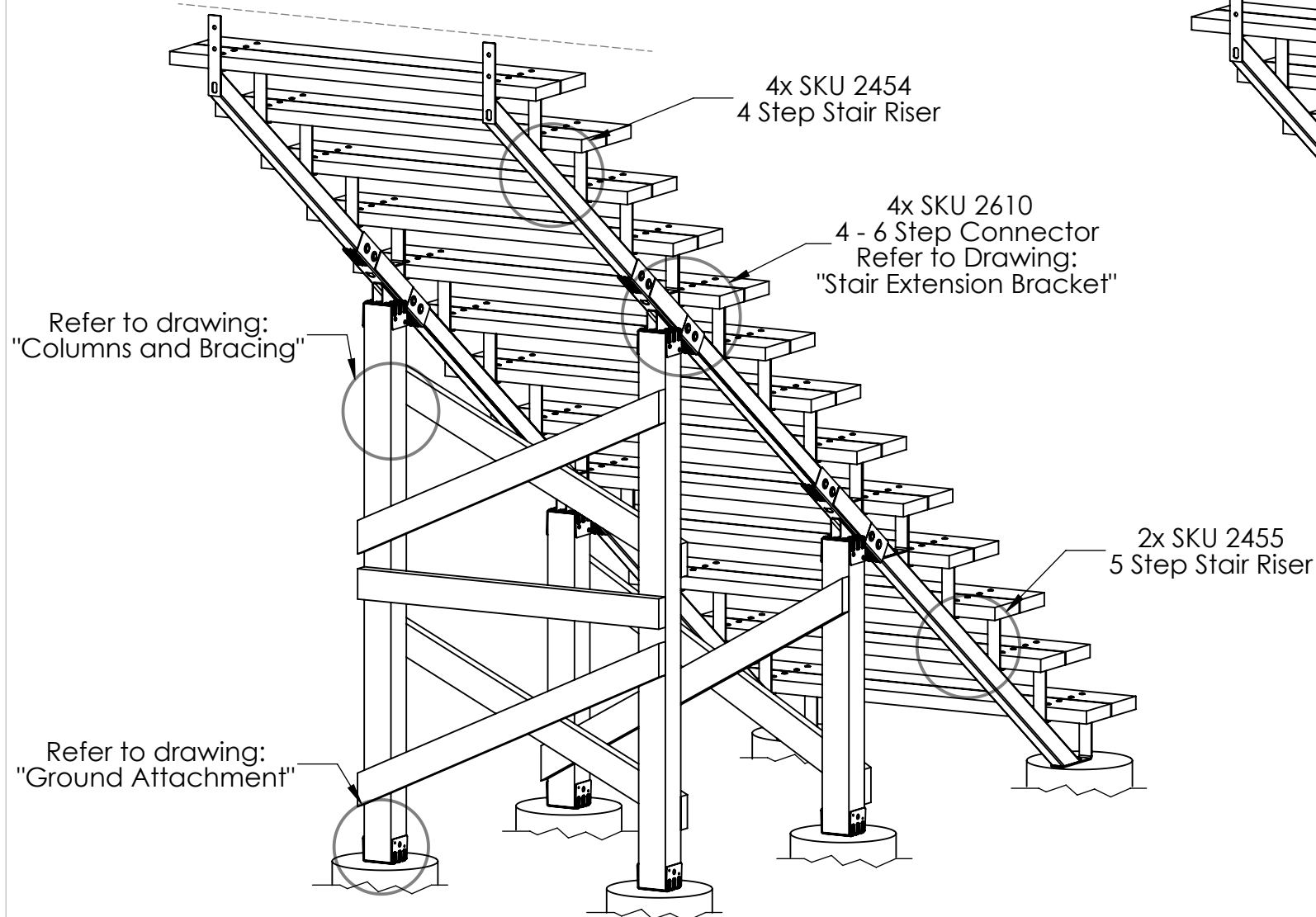
SHT REV  
2017-05-16

Sheet 8 of 15



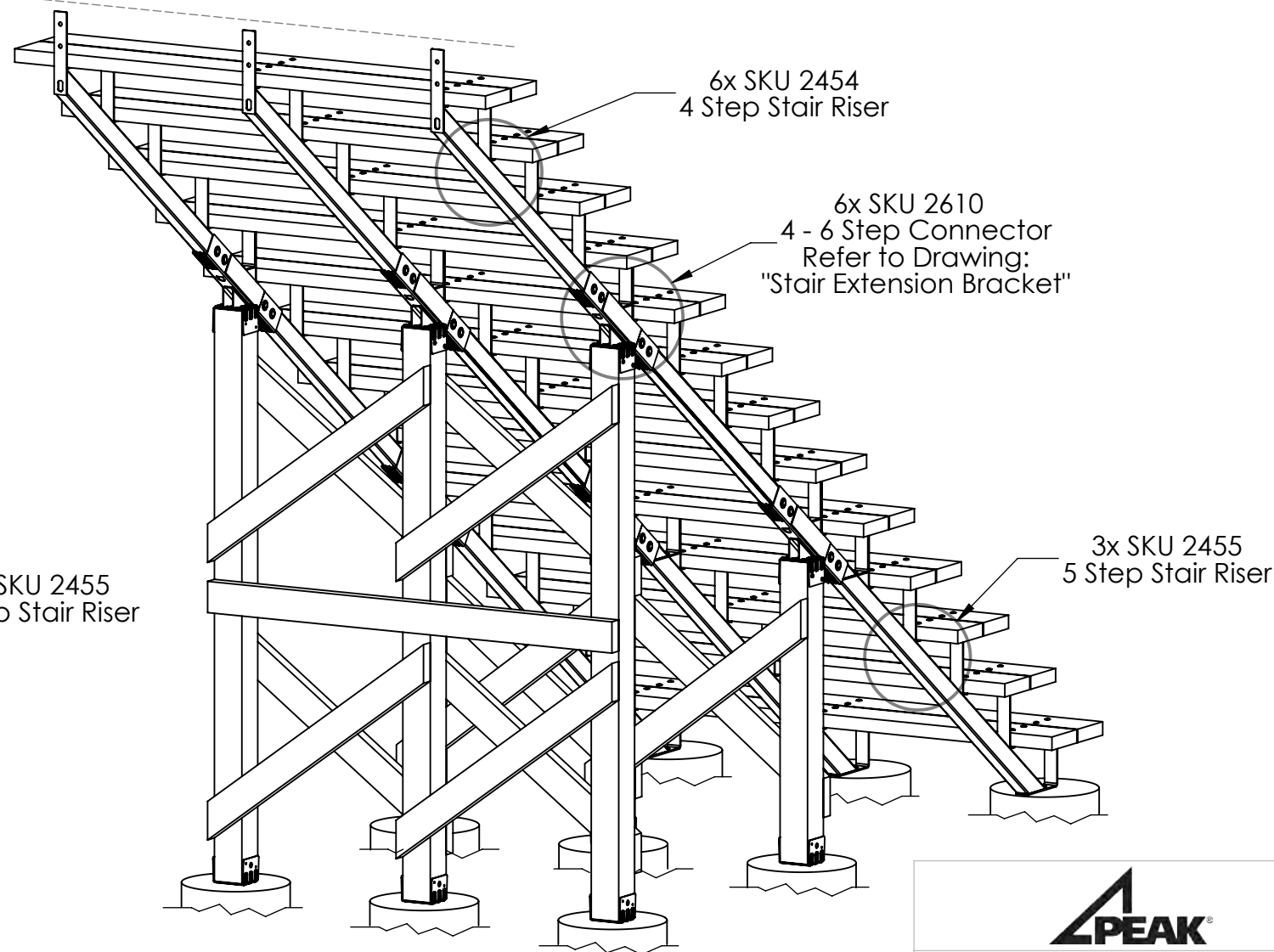
## Two Riser Assembly

DECK HEIGHT :  
105.8 in. [269 cm]



DECK HEIGHT :  
105.8 in. [269 cm]

## Multi Riser Assembly



TITLE  
13-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV  
C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE  
**B**

DWG. NO.  
Stair Assemblies - CAN

SCALE: 1:24

SHT REV  
2017-05-16

Sheet 9 of 15

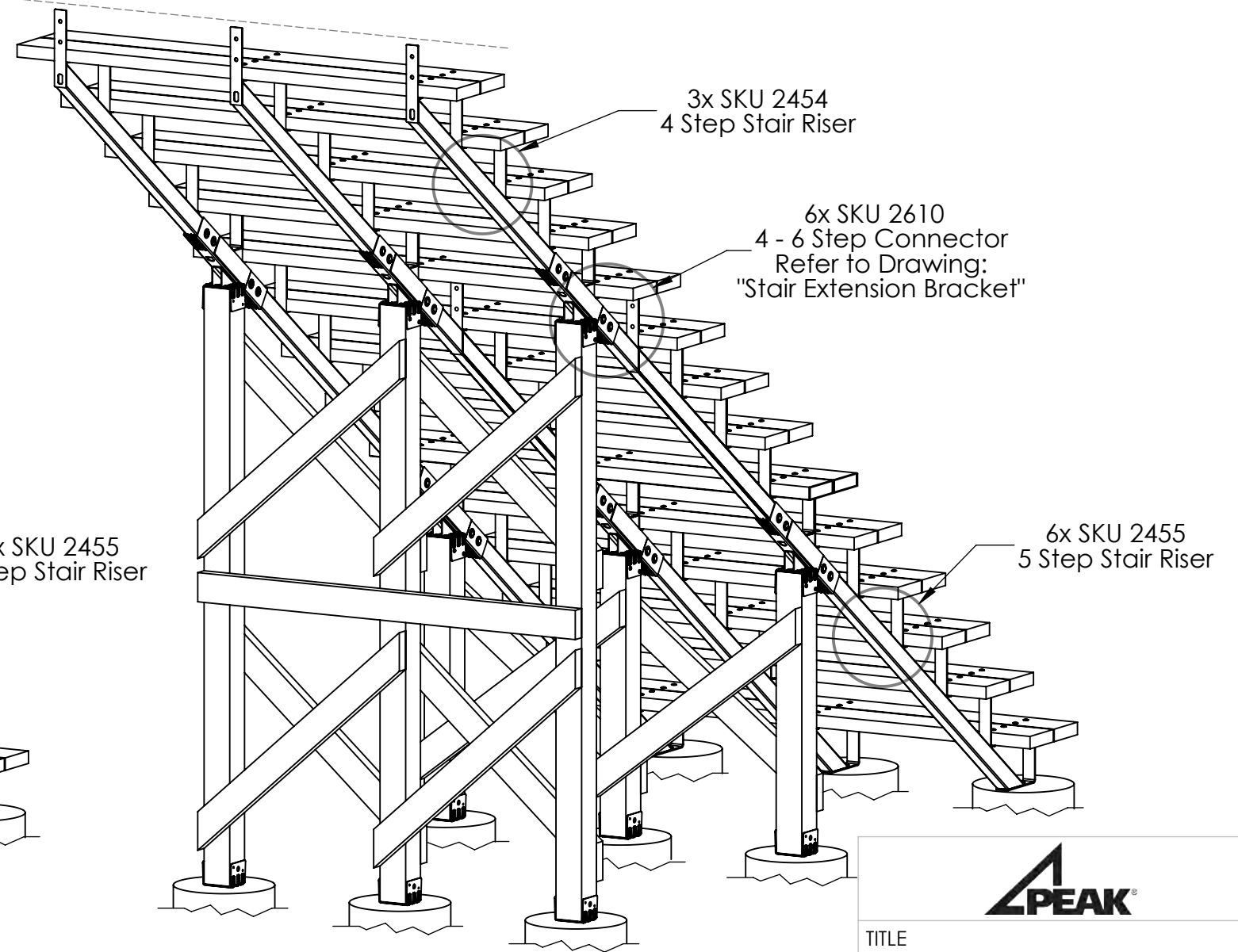
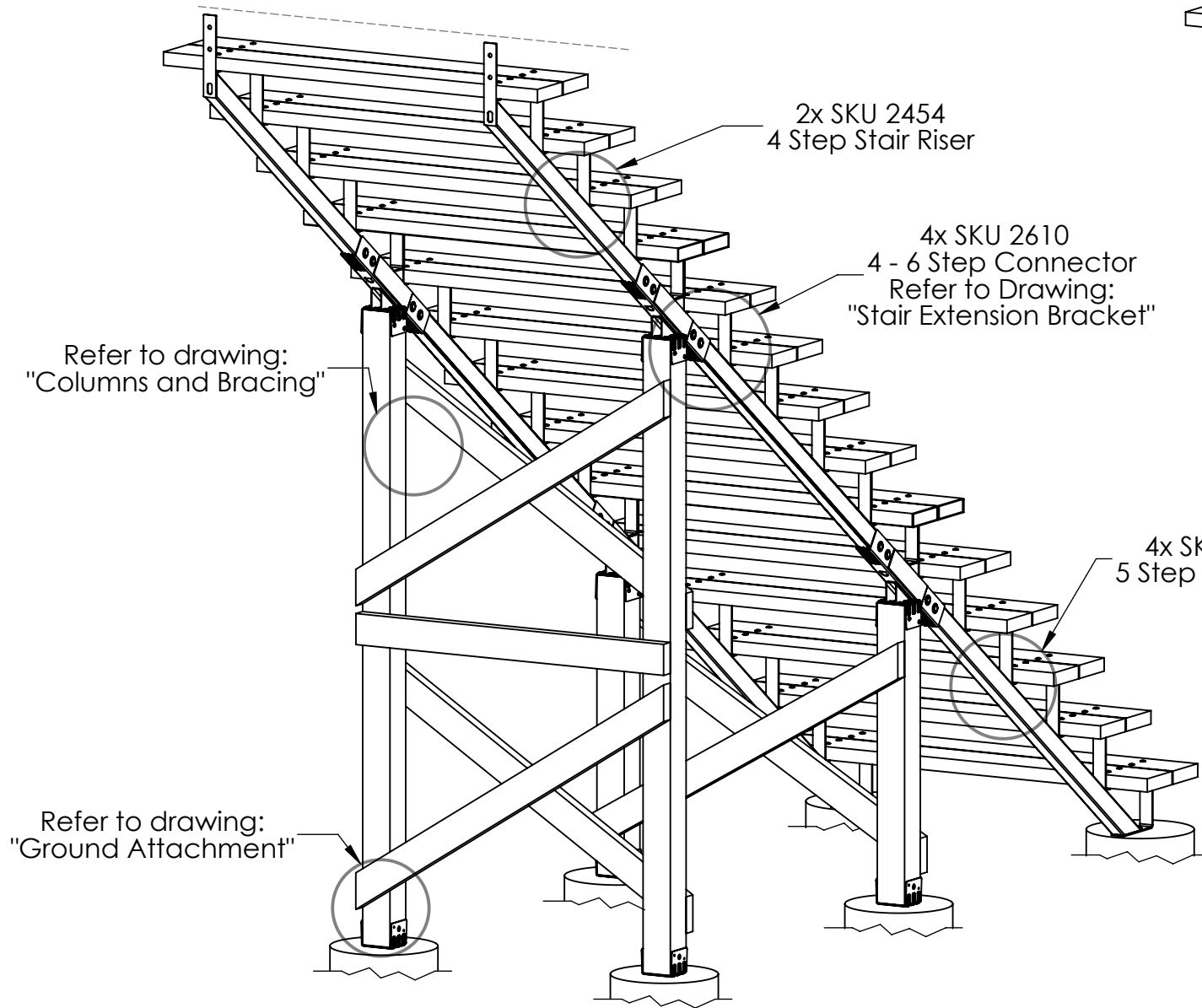


DECK HEIGHT :  
113.4 in. [288 cm]

## Two Riser Assembly

DECK HEIGHT :  
113.4 in. [288 cm]

## Multi Riser Assembly



TITLE  
14-Step Stair Assembly  
Using 4-6 Step Extension Bracket

PART FILE  
Stair Assembly 8 Step (4+4)

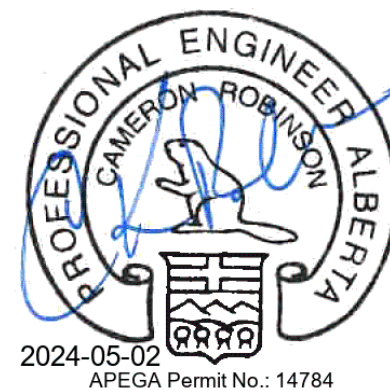
DWG REV C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

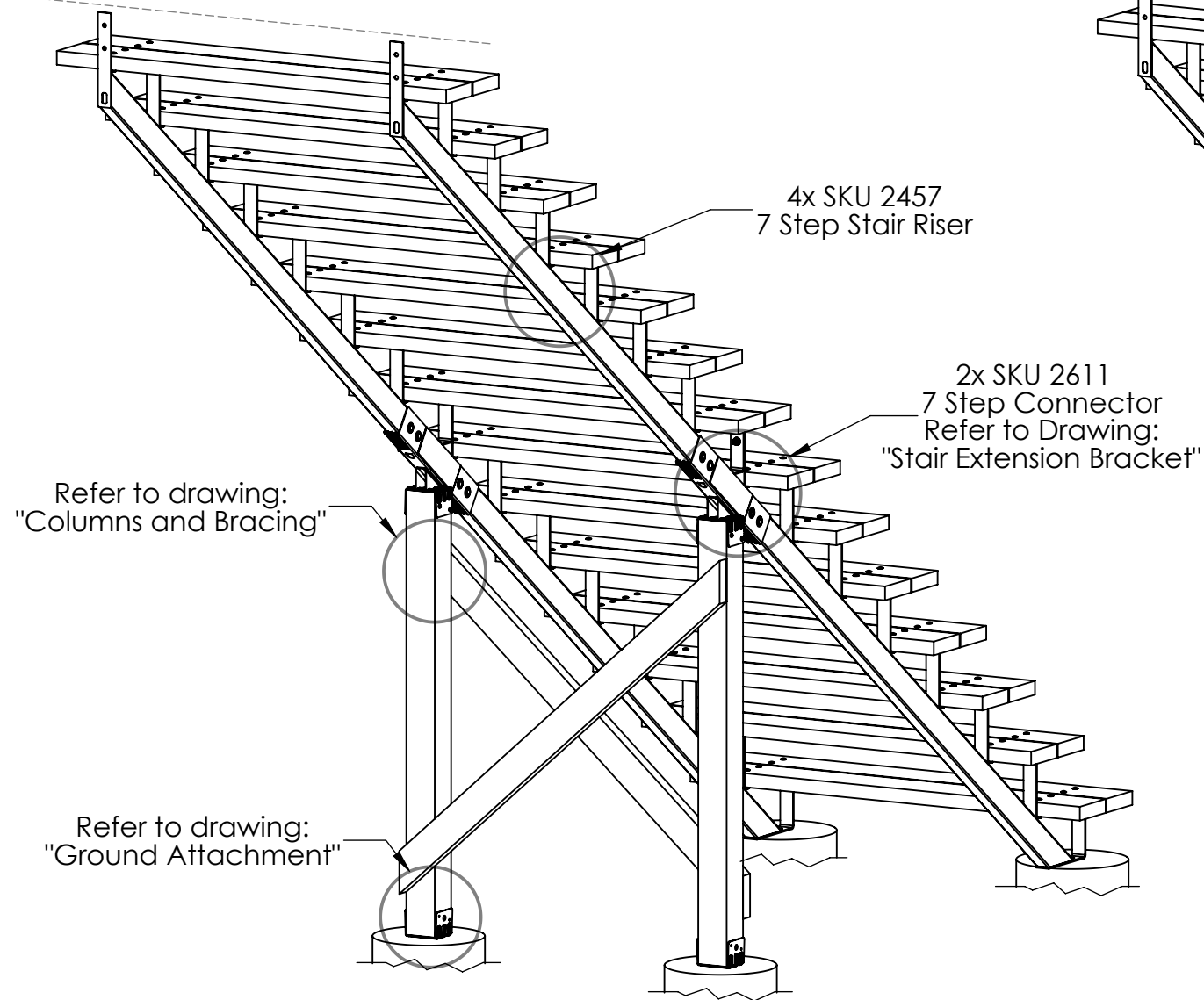
SIZE B DWG. NO. Stair Assemblies - CAN

SCALE: 1:24 SHT REV 2017-05-16 Sheet 10 of 15



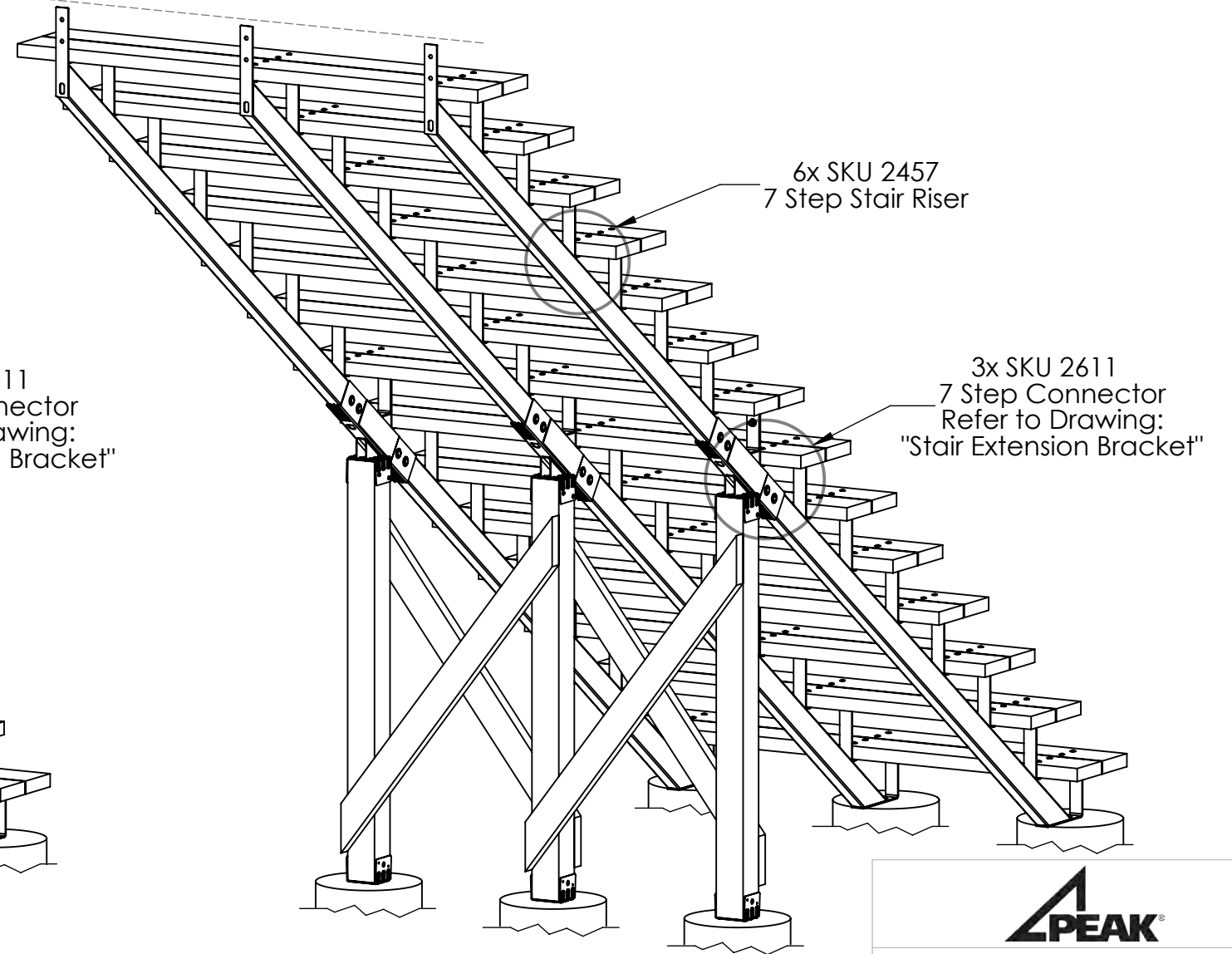
## Two Riser Assembly

DECK HEIGHT :  
113.4 in. [288 cm]



DECK HEIGHT :  
113.4 in. [288 cm]

## Multi Riser Assembly



TITLE  
14-Step Stair Assembly  
Using 7 Step Extension Bracket

PART FILE  
Stair Assembly 8 Step (4+4)

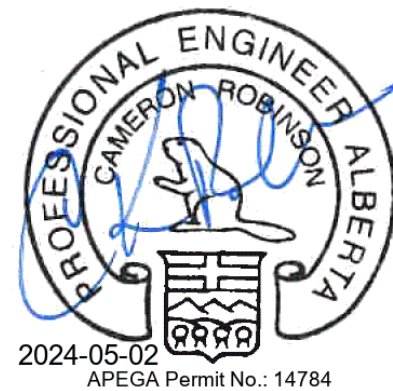
DWG REV C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE DWG. NO.  
**B** Stair Assemblies - CAN

SCALE: 1:24 SHT REV 2017-05-16 Sheet 11 of 15

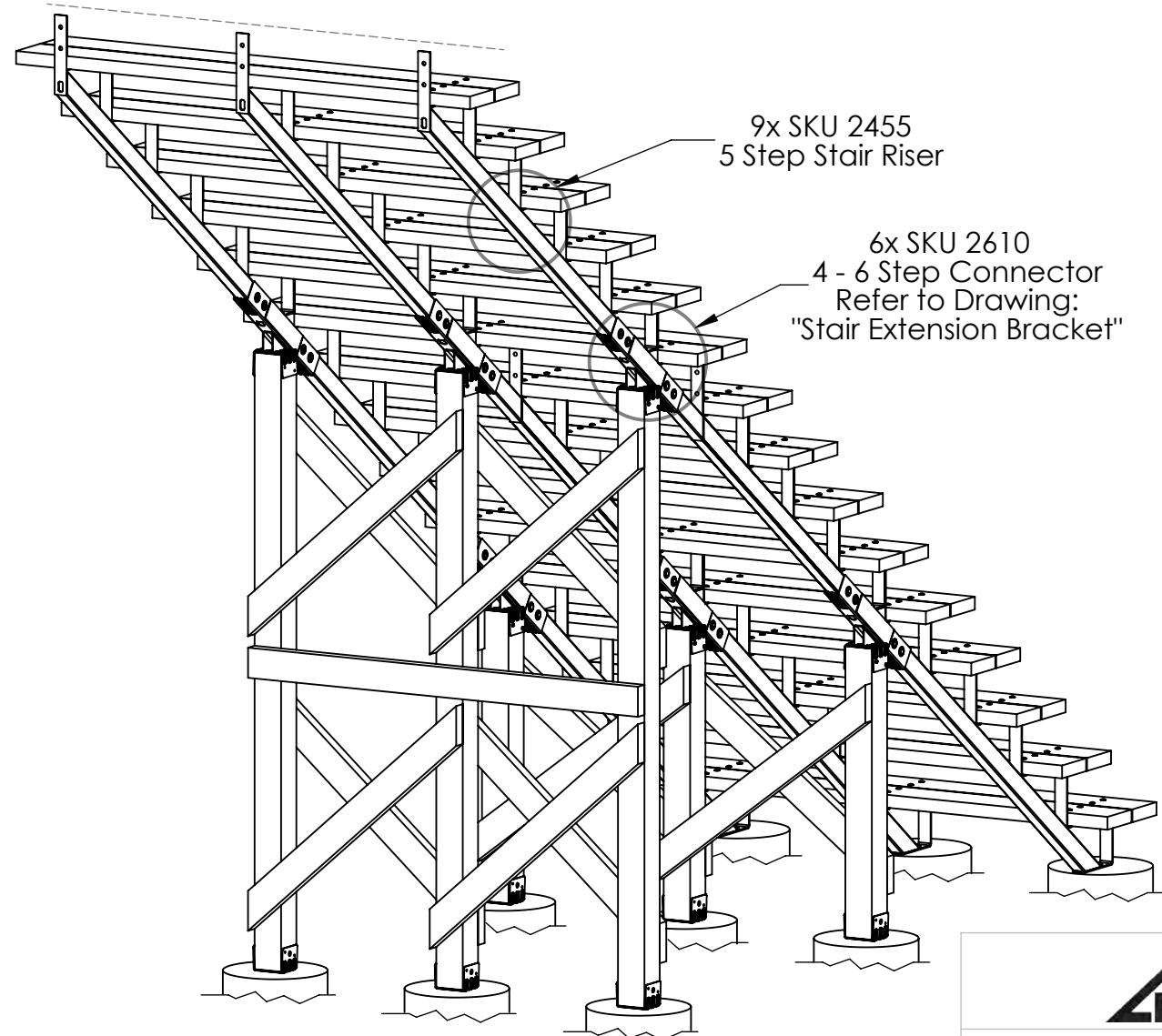
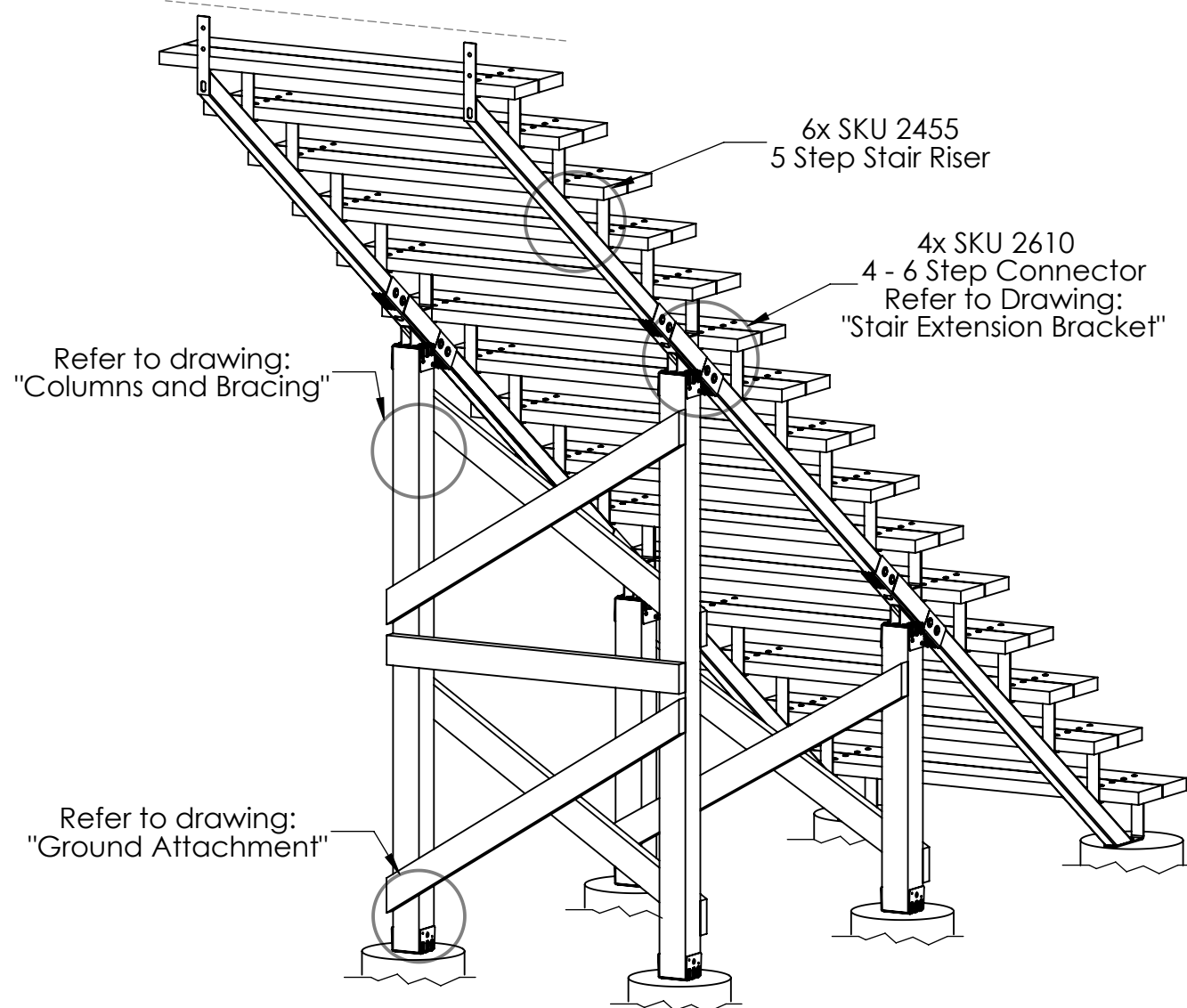


## Two Riser Assembly

DECK HEIGHT:  
121 in. [307 cm]

DECK HEIGHT:  
121 in. [307 cm]

## Multi Riser Assembly



TITLE  
15-Step Stair Assembly

PART FILE  
Stair Assembly 8 Step (4+4)

DWG REV  
C

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

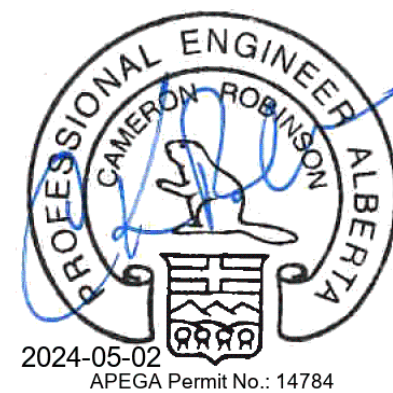
SIZE  
**B**

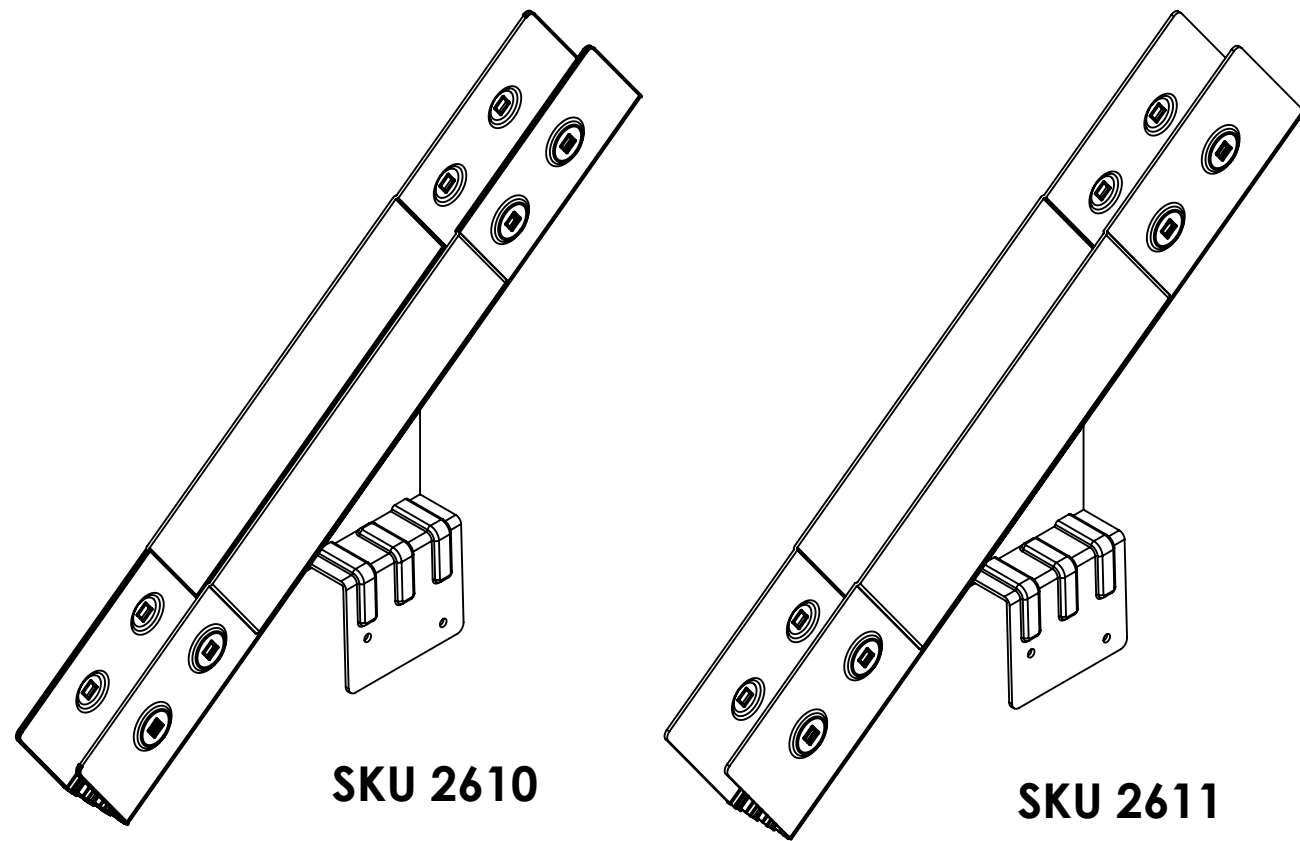
DWG. NO.  
Stair Assemblies - CAN

SCALE: 1:24

SHT REV  
2017-05-16

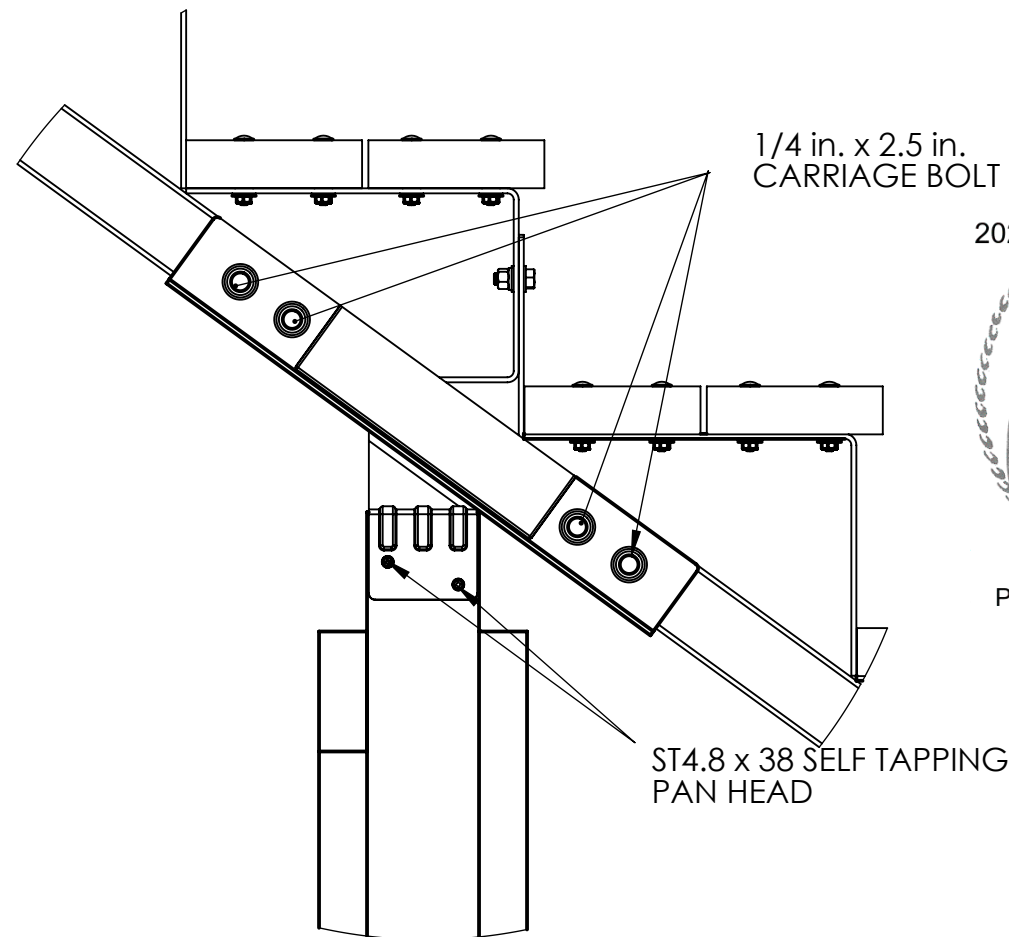
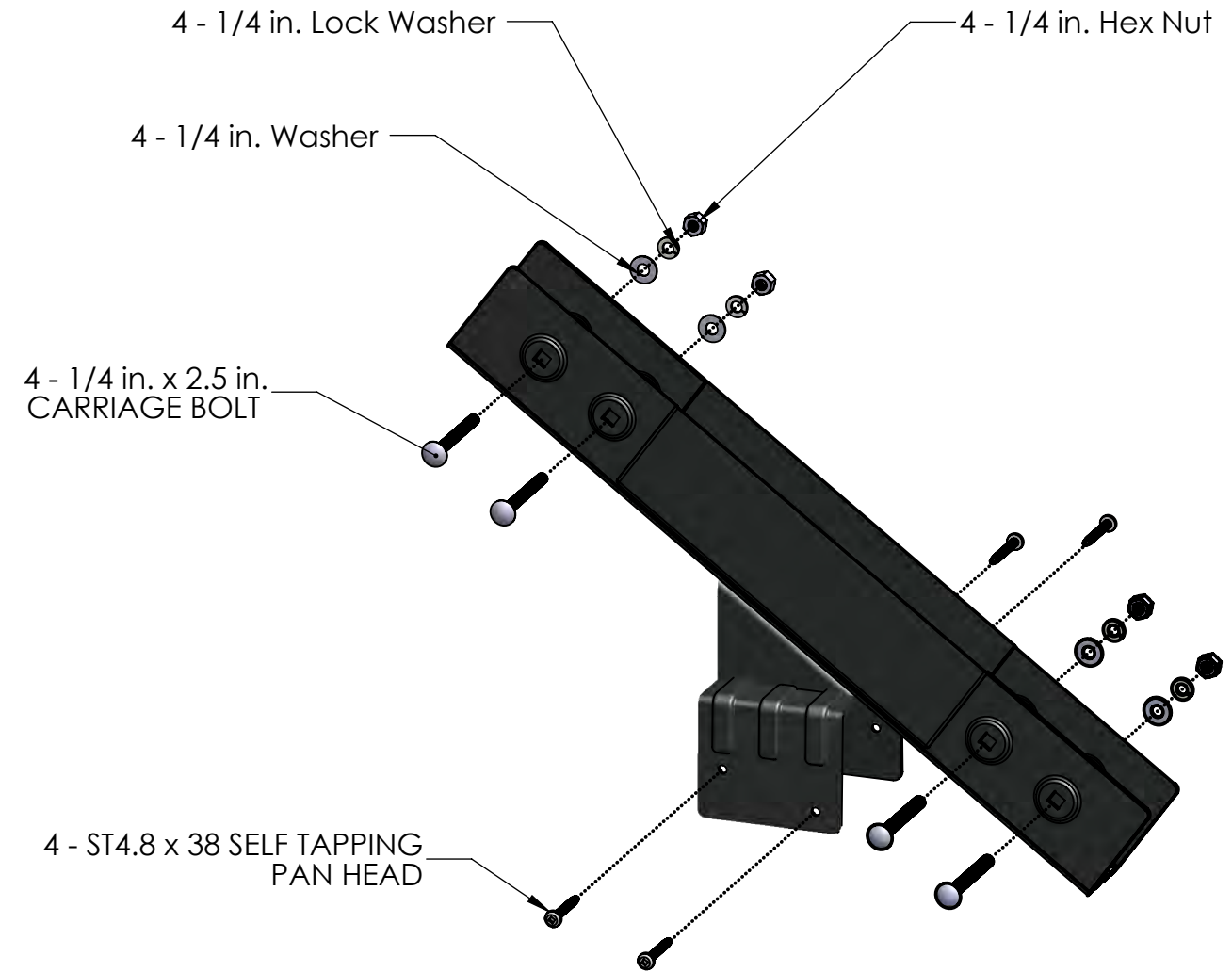
Sheet 12 of 15





SKU 2610

SKU 2611



Stair Extension Bracket Installed

2024-05-02  
 PROFESSIONAL  
 PROVINCE OF  
 C. K. ROBINSON  
 # 29241  
 BRITISH  
 COLUMBIA  
 ENGINEER  
 Permit to Practice: 1000301

Stair Extension Bracket Fasteners

2024-05-02  
 PROFESSIONAL ENGINEER ALBERTA  
 CAMERON ROBINSON  
 APEGA Permit No.: 14784

2024-05-02  
 LICENSED PROFESSIONAL ENGINEER  
 C. K. ROBINSON  
 100571628  
 PROVINCE OF ONTARIO



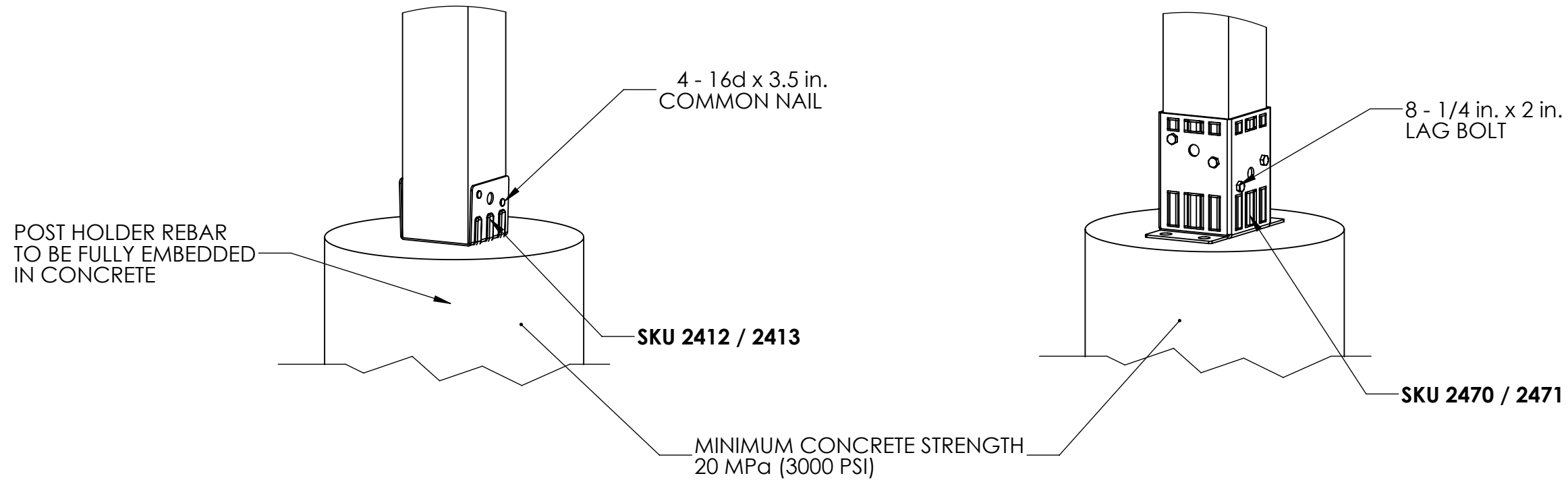
TITLE	Stair Extension Bracket	
PART FILE	8 Step	
DWG REV	B	
DIMENSIONS ARE IN MM UNLESS NOTED DO NOT SCALE DRAWING		
<b>PROPRIETARY AND CONFIDENTIAL</b> THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.		
SIZE	DWG. NO.	
<b>B</b>	Stair Extension Bracket - NA Compliance	
SCALE: 1:24	SHT REV 2017-05-16	Sheet 13 of 15

# POST ANCHORS

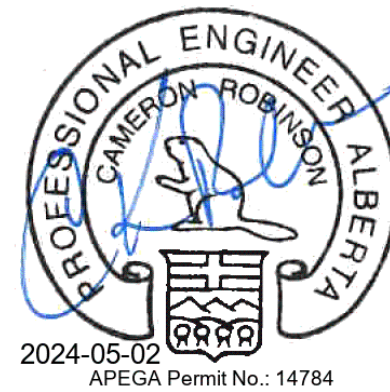
**4X4 Post Holder**

**OR**

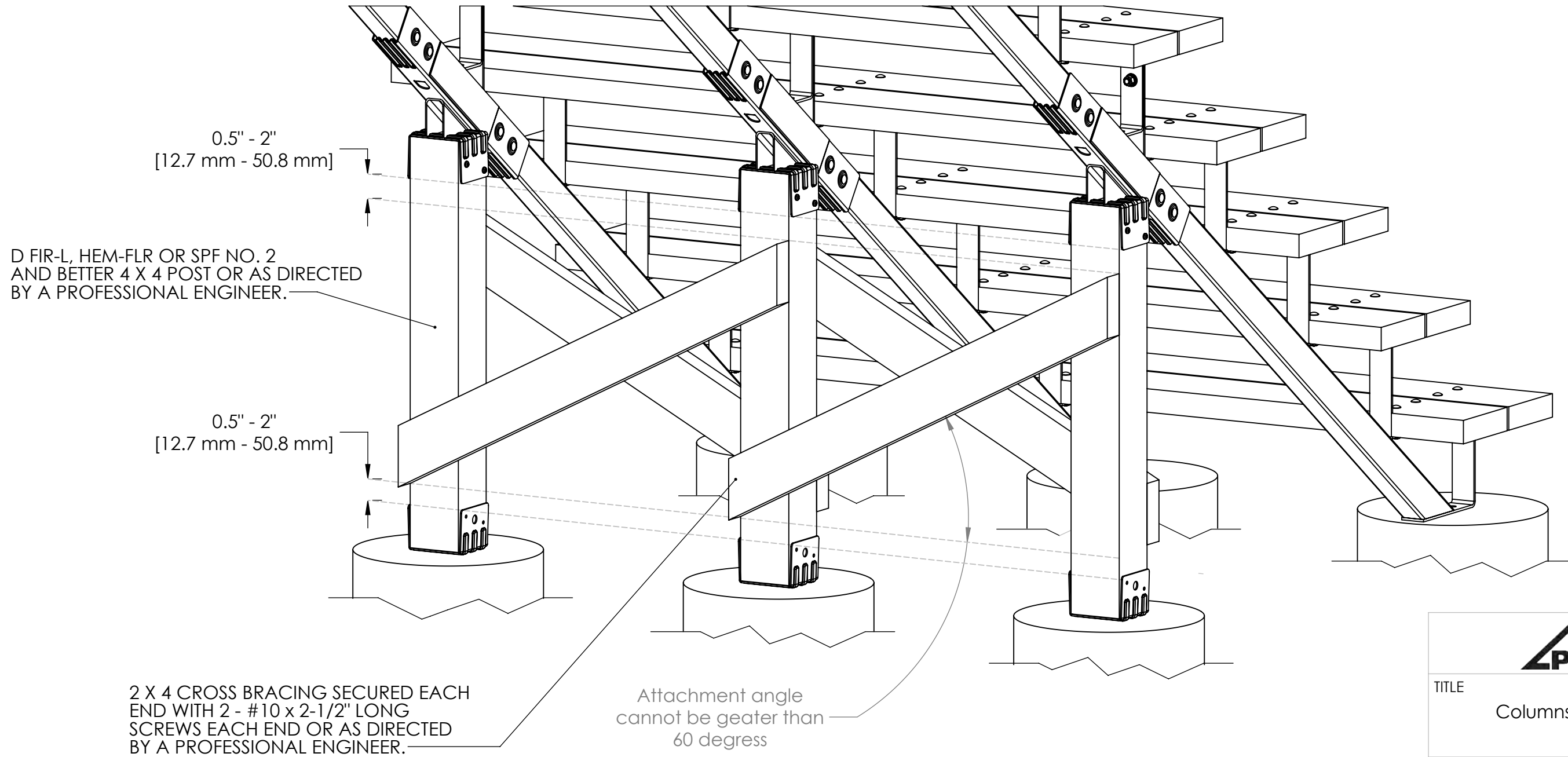
**4X4 Bolt Down**



Concrete footings per  
9.15-Footings and Foundations of the  
Building Code



TITLE	Ground Attachment	
PART FILE	8 Step	
DWG REV	B	
DIMENSIONS ARE IN MM UNLESS NOTED DO NOT SCALE DRAWING		
<b>PROPRIETARY AND CONFIDENTIAL</b> THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.		
SIZE	DWG. NO.	
<b>B</b>	Stair Extension Bracket - NA Compliance	
SCALE: 1:24	SHT REV 2017-05-16	Sheet 14 of 15



D FIR-L, HEM-FLR OR SPF NO. 2 AND BETTER 4 X 4 POST OR AS DIRECTED BY A PROFESSIONAL ENGINEER.

0.5" - 2"  
[12.7 mm - 50.8 mm]

0.5" - 2"  
[12.7 mm - 50.8 mm]

2 X 4 CROSS BRACING SECURED EACH END WITH 2 - #10 x 2-1/2" LONG SCREWS EACH END OR AS DIRECTED BY A PROFESSIONAL ENGINEER.

Attachment angle cannot be greater than 60 degrees



TITLE  
Columns and Bracing

PART FILE  
8 Step

DWG REV  
B

DIMENSIONS ARE IN MM UNLESS NOTED  
DO NOT SCALE DRAWING

**PROPRIETARY AND CONFIDENTIAL**  
THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF THE ISSUING PEAK COMPANY (INCLUDING PEAK INNOVATIONS INC. AND PEAK PRODUCTS CORPORATION). ANY DISSEMINATION OR REPRODUCTION OR UNLICENSED USE IN WHOLE OR IN PART IS STRICTLY PROHIBITED.

SIZE  
**B** DWG. NO.  
Stair Extension Bracket - NA Compliance

SCALE: 1:24 SHT REV 2017-05-16 Sheet 15 of 15

