



TIMBER FRAME PLANS: BUILT OUT OF 6X6 TIMBERS

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
 Municipality: Charleston
 State, Zip: SC , 29407

| | |
|-----------|----------------|
| Phase: | - |
| Date: | 03-12-2025 |
| Customer: | - |
| Designer: | Moyer Fountain |
| SER: | - |

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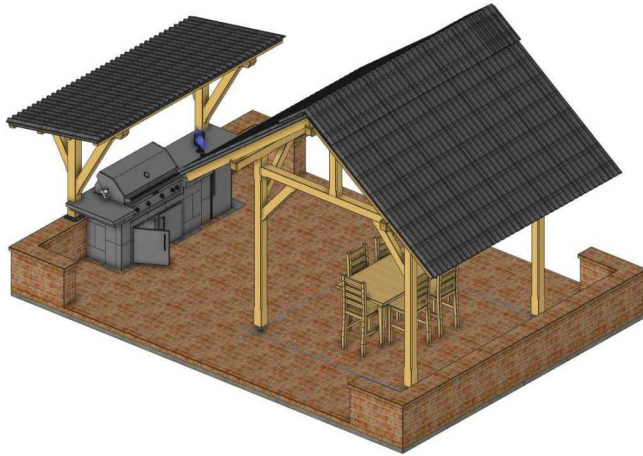


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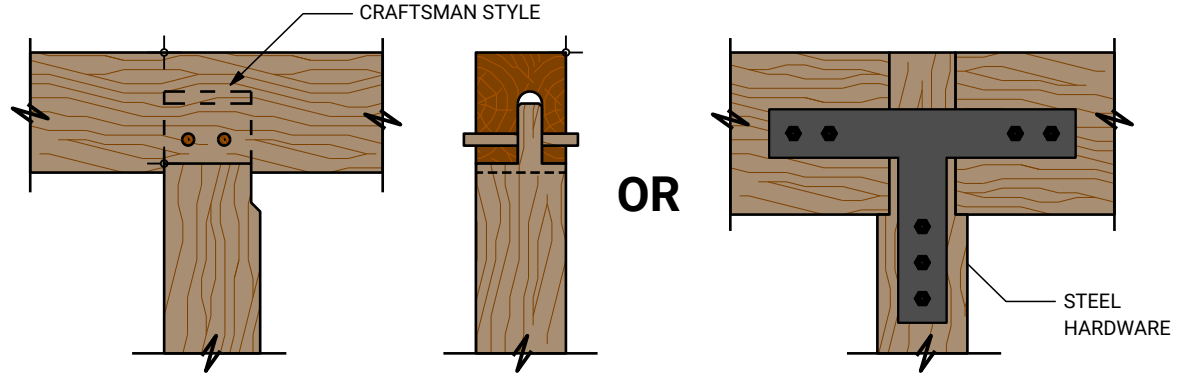
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 843-480-0885
 info@jointandpeg.com

TF 000

3D file name: 3026#3DFileName
 File name: 10x10 6x Frame.2d



JOINERY OPTIONS: 10X10 FRAME WITH 6X6 TIMBERS



VIEW: SE AXONOMETRIC

Scale:



VIEW: NW AXONOMETRIC

Scale:

PLAN CONDITIONS:

GENERAL NOTES REGARDING DESIGN PLANS:

1. THE DRAWINGS ARE DIAGRAMMATIC, INTENDED TO OUTLINE GENERAL REQUIREMENTS ONLY, AND NOT INTENDED TO BE COMPLETE IN ALL DETAILS. THE PURPOSE OF THIS CONCEPTUAL PLAN TO PROVIDE USEFUL TOOLS TO ALLOW FOR AN ECONOMIC START TO PRE-CONSTRUCTION OF THE PROJECT.
2. APPROVALS: THESE DRAWINGS CAN BE SUBMITTED TO PERMIT OFFICES AND HOA'S FOR PRELIMINARY APPROVAL OF PROJECTS.
3. QUOTES: JOINT AND PEG EMPOWERS OUR CUSTOMERS WITH THE ABILITY TO HAVE THEIR LOCAL OR PREFERRED BUILDERS PRICE THE CONSTRUCTION PROJECT FOR THEM. WE ARE AVAILABLE TO DO THE SAME UPON OUR CUSTOMERS REQUEST.
4. GENERAL MAGNITUDE OF MATERIALS: THIS CONCEPT PLAN ALSO ALLOWS FOR AN UNDERSTANDING OF THE PRELIMINARY AMOUNT OF MATERIALS NEEDED FOR THE PROJECT. THESE DIAGRAMS AND LISTS INCLUDED PROVIDE THOSE TIMBER LISTS AND OTHER TAKE OFF INSTRUMENTS.
5. THESE ARE "DESIGN ONLY" PLANS AND ARE NOT ENGINEERED PLANS. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE OWNER AND THE OWNER'S CONTRACTOR OR SUBCONTRACTORS TO DETERMINE IF ENGINEERED PLANS ARE NECESSARY PURSUANT TO LOCAL OR STATE CODE REQUIREMENTS AND WHETHER STATE OR LOCAL BUILDING CODES REQUIRE MODIFICATIONS OF MATERIALS OR STRUCTURAL SPECIFICATIONS ON THESE PLANS. JOINT AND PEG ASSUMES NO RESPONSIBILITY AND DOES NOT WARRANT THAT THESE PLANS SATISFY THE REQUIREMENTS OF STATE AND/OR LOCAL BUILDING CODES.
6. THE CUSTOMER POSSESSES RIGHTS TO CONSTRUCT THE DRAWINGS ONE TIME ONLY. JOINT AND PEG DOES NOT RELINQUISH OWNERSHIP OF THESE PLANS. JOINT AND PEG DOES NOT PERMIT MORE THAN ONE BUILD OF THESE PLANS WITHOUT WRITTEN PERMISSION. PLEASE CONTACT US ABOUT OUR BUILDER PROGRAM IF YOU WOULD LIKE TO DISCUSS LICENSED USE OF THIS PLAN.

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HOW TO USE THESE PLANS:

THESE PLANS INCLUDE ALL THE INFORMATION TO SUCCESSFULLY BUDGET AND BUILD THIS PROJECT AS ILLUSTRATED. THEY CAN ALSO SERVE AS STRONG SUBMITTAL DOCUMENTS FOR YOUR LOCAL BOARD OF REVIEW. OUR GOAL HERE AT JOINT AND PEG IS TO PROVIDE THE BUILDER AND/OR CUSTOMER QUALITY DESIGN PLANS SO THAT A SEAMLESS CONSTRUCTION PROCESS CAN OCCUR, FROM PRE-CONSTRUCTION BUDGETING, TO ORDERING MATERIALS, TO COMMENCING IN THE WORK, ONTO COMPLETION. OUR DESIGN DOCUMENTS ADDRESS THESE ASPECTS. WE STRONGLY BELIEVE THAT YOUR PURCHASE OF THESE PLANS WILL SAVE YOU BOTH TIME AND MONEY WITH AN ASSOCIATED VALUE FAR BEYOND THE PRICE YOU PAID. IF YOUR EXPERIENCE IS NOT IN LINE WITH THIS CLAIM, THEN YOU ARE ENCOURAGED TO CALL US DIRECTLY SO THAT WE CAN DETERMINE WHY.

TO BECOME ORIENTED, WE SUGGEST THAT YOU REVIEW THE PLANS AND READ THROUGH ALL THE MATERIAL LISTS AND THEIR RESPECTIVE NOTES BEFORE COMMENCING.

DESIGN SECTION: DESIGNATED BY "TF" IN BOTTOM RIGHT OF PLANS

THE DESIGN SECTION OF THE PLANS HAS BEEN THOUGHTFULLY AND CAREFULLY DESIGNED TO GIVE YOU THE READER, OR THE PERSON OR COMPANY YOU HAVE HIRED, ALL THE NECESSARY INFORMATION TO BUILD THIS PROJECT AS DRAWN. THERE IS SOME EXPECTATION HERE AT JOINT AND PEG THAT THE BUILDER HAS SOME LEVEL OF CONSTRUCTION APTITUDE.

THE DRAWINGS SHEETS INCLUDE YOUR TYPICAL BUILDING VIEWS INCLUDING PLAN VIEWS, ELEVATIONS, SECTIONS, AND DETAILS FOR CONSTRUCTION. DEPENDING ON THE TYPE OF BUILDING THESE CAN INCLUDE FOUNDATION DRAWINGS DETAILS, HEAVY FRAMING (INCLUDING TIMBER FRAME MORTISE AND TENON CONSTRUCTION), ENCLOSURE AND WALL SECTION DESIGNS, ROUGH OPENINGS, AND OTHER LIGHT ARCHITECTURAL DESIGN.

PLEASE NOTICE THE DRAWING LEGEND TO HELP WITH IDENTIFYING ASPECTS OF THE DESIGN. PLEASE ALSO NOTE THAT SEPARATE COMPONENTS/MEMBERS OF THE DESIGN INCLUDE LABELS THAT REFER TO THEIR ATTRIBUTES. WE HAVE ASSIGNED PART NUMBERS TO ALL THE COMPONENTS OF THE BUILD THAT CORRELATE WITH THE LIST SECTION OF THE PLANS. THIS PART NUMBER IS YOUR REFERENCE FOR BUDGETING AND ORDERING OF MATERIALS.

LABELING FOR EACH MEMBER IN THE DESIGN SECTION IS AS FOLLOWS. ON OCCASION WE WILL ELIMINATE THE NAME AS THERE IS NOT ENOUGH ROOM. HOWEVER, THE NAME WILL BE PRESENT ON THE ASSOCIATED PARTS LIST FOR REFERENCING.

X-SECTION – NAME – PART NUMBER: WHERE X-SECTION IS THE CROSS-SECTIONAL WIDTH AND HEIGHT OF THE MEMBER

PARTS LISTS SECTION:

THE PARTS LIST SECTION INCLUDES A MULTITUDE OF LISTS THAT PROVIDE ALL THE COMPONENTS OF THE BUILD INTO A LOGICAL MANNER. DEPENDING ON THE TYPE OF MATERIAL SPECIFIED THE LISTS ARE BASED ON THE PROPER UNIT WITH WHICH THAT MATERIAL IS ESTIMATED AND ACCOUNTED FOR.

THESE LISTS PROVIDE INFORMATION TO GARNER MATERIAL QUOTES FROM A MILL OR SAWYER, THE LOCAL CONCRETE PLANT, HARDWARE STORE, ETC. THEY ARE THE MANIFEST TO KEEP TRACK OF WHAT'S NEEDED, HOW MUCH IT COSTS, AND WHERE IT GOES INTO THE CONSTRUCTION.

THE FOLLOWING MAY BE LISTS IN THESE DRAWINGS: WOOD PARTS AND SQUARE FOOT AREAS ARE ALWAYS INCLUDED:

- ✓ WOOD PARTS
- ✓ SQUARE FOOT AREAS
- ✓ MASONRY PARTS
- ✓ SCREW PARTS
- ✓ PEG PARTS
- ✓ CONNECTOR PARTS (OTHER HARDWARE)

10X10 FRAME WITH 6X6 TIMBERS

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PLEASE MAKE SURE TO READ THE TOP OF EACH MATERIAL LIST. IT IS IMPORTANT INFORMATION. IF YOU NOTICE RED FONTS IN THE MATERIAL LISTS THE COLOR IS PRESENT TO GATHER YOUR ATTENTION AND MOST LIKELY REPRESENTS THE BASIC INFORMATION NEEDED TO BE PROVIDED TO ORDER THE MATERIAL. THIS WILL BE EXPLAINED FURTHER IN THE NOTE AT THE TOP OF EACH LIST.

PARTS NUMBERS ARE THREE DIGITS ONLY: I.E 101, 421, 823, ETC.

ON SOME PLANS WE GIVE SQUARE FOOTAGE AREAS OF WALLS, ROOFS, AND OTHER PLANAR AREAS SO THAT YOU CAN ACCURATELY AND QUICKLY DETERMINE SIDING, FLOORING, OR OTHER MATERIAL NEEDS.

PRODUCTION SECTION: DESIGNATED BY “P” IN BOTTOM RIGHT OF PLANS: SINGLE BEAM DRAWINGS

THIS SECTION IS AN ADDITION TO OUR BASIC PACKAGE ABOVE AND INCLUDES ALL OF THE PRIMARY MEMBERS OF THE STRUCTURE SHOWN ON INDIVIDUAL DRAWING SHEETS. EACH MEMBER IS ASSIGNED A PRODUCTION NUMBER. ALL COMMON MEMBERS (EXACTLY THE SAME) SHARE A PRODUCTION NUMBER. FOR EXAMPLE, ALL THE COMMON RAFTERS WILL SHARE THE SAME PRODUCTION NUMBER. EACH INDIVIDUAL PIECE DRAWING SHOWS THE MEMBER WITH AT LEAST TWO FACES IN ORTHOGRAPHIC VIEWS. KEY AREAS ARE DIMENSIONED SO THAT THE CONSTRUCTOR CAN LAYOUT THE PIECES FOR CUTTING.

PRODUCTION NUMBERS ARE FOUR DIGITS ONLY: I.E., 1000, 1001, ETC.

OTHER SERVICES:

WE PROVIDE OTHER INFORMATION TO ASSIST YOU WITH THE PROJECT. PLEASE VISIT OUR WEBSITE WWW.JOINTANDPEG.COM TO FIND OUT MORE ON THE FOLLOWING:

- ANIMATED ASSEMBLY SEQUENCING VIDEOS: (HOW TO ASSEMBLE THE STRUCTURE)
- SPREADSHEET ACCESS TO THE LISTS ASSOCIATED WITH THIS PLAN: (HELPFUL FOR NUMBER CRUNCHING)
- MATERIAL OPTIMIZATION: (WE USE OUR SOFTWARE TO FIND THE LEAST WASTEFUL TALLY FOR YOUR ORDER)

GENERAL NOTES:

IF YOU PURCHASE OUR ENGINEERED STAMPED PERMIT DRAWINGS, THIS IS WHERE THE DESIGN CRITERIA AND OTHER SPECIFICATIONS WILL BE.

SCREW OPTIONS:


IF YOUR PLANS CALL FOR A WASHER HEAD SCREW, OR A SPECIFIC FASTENER AS LISTED BELOW WITH A DIAMETER OF 8MM (OUTER THREAD DIAMETER) YOU MAY USE THE FOLLOWING AS A SUBSTITUTE OR OPTION:

- ROTHOBLASS TBS8 X LENGTH
- GRK RSS3/8 X LENGTH
- HECO TOPIX-PLUS FLANGE HEAD 8,0 X LENGTH
- ASSY SK08 X LENGTH

IF YOUR PLANS CALL FOR A WASHER HEAD SCREW, OR A SPECIFIC FASTENER AS LISTED BELOW WITH A DIAMETER OF 10MM (OUTER THREAD DIAMETER) YOU MAY USE THE FOLLOWING AS A SUBSTITUTE OR OPTION:

- ROTHOBLASS TBS10 X LENGTH
- HECO TOPIX-PLUS FLANGE HEAD 10,0 X LENGTH
- ASSY SK10 X LENGTH

*THERE IS NO PERMISSIBLE GRK SUBSTITUTE FOR 10MM SCREWS.

| | | | | | |
|--|--------------------------|--|---|----------------------|---------------|
| <p>10X10 FRAME WITH 6X6 TIMBERS</p> <p>Street: 1643B Savannah Highway</p> <p>Municipality: Charleston</p> <p>State, Zip: SC , 29407</p> | Phase: - | <p>COPYRIGHT 2023. JOINT AND PEG. Reproduction and/or use without written permission is prohibited. These are Design Only plans unless sealed by a State Licensed Professional Engineer. JOINT AND PEG assumes no responsibility and does not warrant these plans.</p> |  | JOINT AND PEG | TF 003 |
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| | | File name: 10x10 6x Frame.2d | | | |



REFERENCE PLANES:

IF YOU NOTICE AT THE TOP OF THE DRAWING LEGEND, WE HAVE TWO DIFFERENT SYMBOLS TO DESIGNATE REFERENCE PLANES. THE TWO TRIANGLE SYMBOL INDICATES THAT YOU USE A CORNER OF THE TIMBER TO REFERENCE YOUR LAYOUT. IN OTHER WORDS, ALL DIMENSIONS SHOULD BE PULLED FROM THE REFERENCE PLANES. THEY ARE THE DATUMS. SOMETIMES WE WILL DESIGNATE A CENTERLINE AS A REFERENCE. IN THIS CASE A CENTERLINE SHOULD BE FOUND ON THE PIECE AND DIMENSIONS SHOULD BE PULLED FROM THIS LINE.

THE NOTION OF REFERENCE PLANES IS GOOD PRACTICE FOR QUALITY CONSTRUCTION. FURTHERMORE, WHEN IT COMES TO WOOD FRAMING WITH HEAVY TIMBER THE REFERENCE PLANE IDEA IS EVEN MORE IMPORTANT AS IT ALLOWS YOU TO BUILD THIS DESIGN WITH SURFACED TIMBER AND/OR ROUGH SAWN THAT IS VARIES IN CROSS SECTION.

NOT ALL DESIGNS RECALL FOR DESIGNATION OF REFERENCE PLANS. A GOOD RULE OF THUMB IS THAT THE OUTSIDE AND TOP FACES OF MEMBERS SHOULD BE DEFAULT REFERENCE PLANES. POST AND OTHER MEMBERS INSIDE THE CORNERS SHOULD TYPICALLY USE A CENTERLINE REFERENCE. SEE OUR ARTICLE OF [BUILDING WITH ROUGH SAWN TIMBER](#) FOR MORE INFORMATION ON REFERENCE PLANES. EVEN IF THIS PLAN CALLS OUT S4S TIMBER, THE PRINCIPLES OF THE REFERENCE PLANE STILL APPLY. ITS JUST GOOD CARPENTRY PRINCIPLES.

DRAWING LEGEND

|  | INDICATES A REFERENCE PLANE |
|---|---|
|  | INDICATES A CENTERLINE REFERENCE |
| TERMINOLOGY | |
| FTO | BRACE ALIGNED FLUSH TO OUTSIDE/ BAREFACE TENON |
| M&T | MORTISE AND TENON JOINT |
| 2/5/.5 | TENON THICKNESS/ TENON LENGTH/ HOUSING DEPTH |
| -(2)1" | WITH (2) 1" DIA OAK PEGS |
| (2)WH8 | (2) WASHER HEAD FASTENERS - THREAD DIA. |
| NUMBERING | |
| X-SEC | NOMINAL X-SECTION: WIDTH x HEIGHT |
| 100 | PART NUMBERS ARE 3 DIGITS - USED FOR ORDERING - INVENTORY |
| 1000 | PRODUCTION NUMBERS ARE 4 DIGITS - USED FOR FABRICATION |

10X10 FRAME WITH 6X6 TIMBERS

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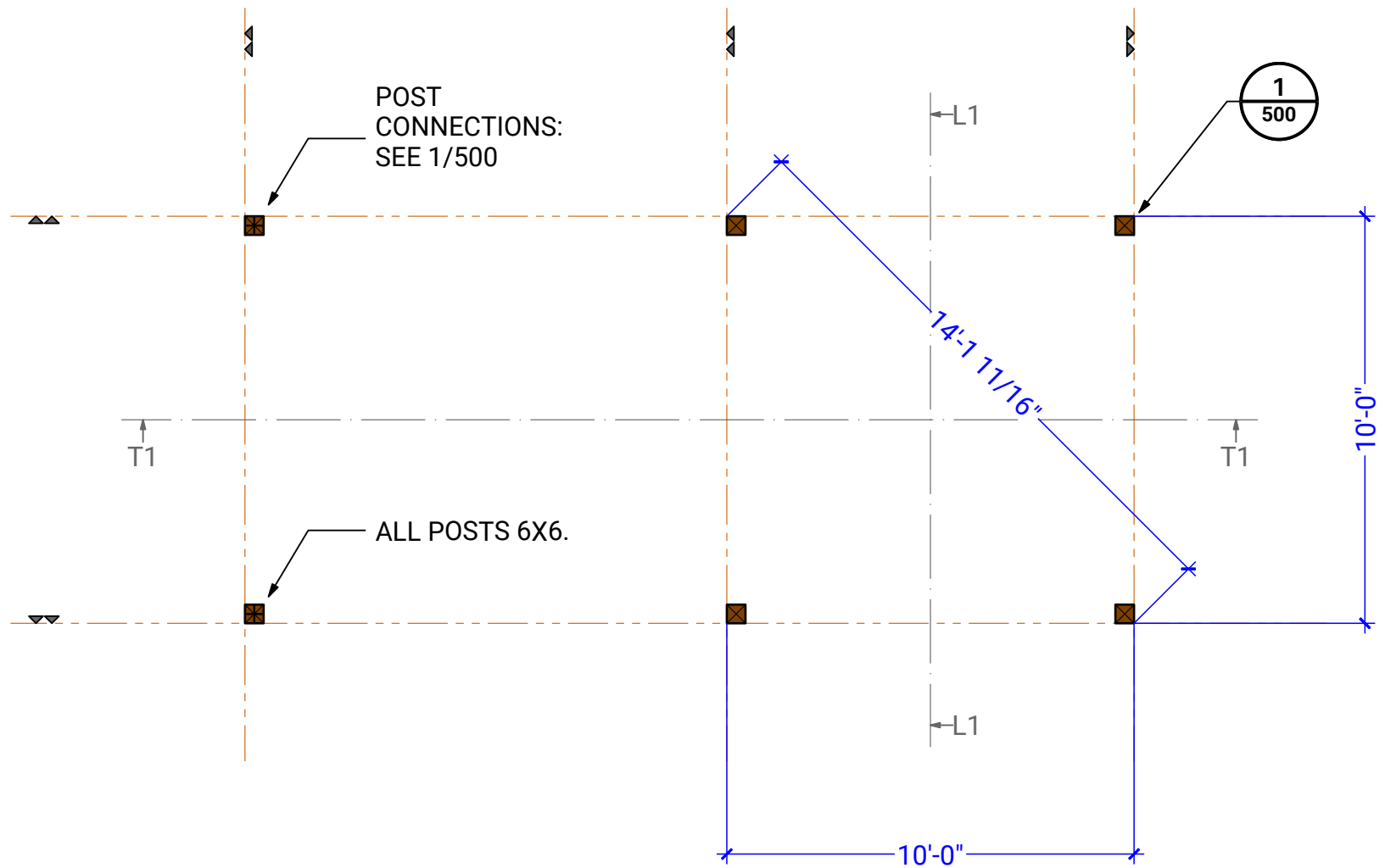


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SECTION: P1 - POST PLAN

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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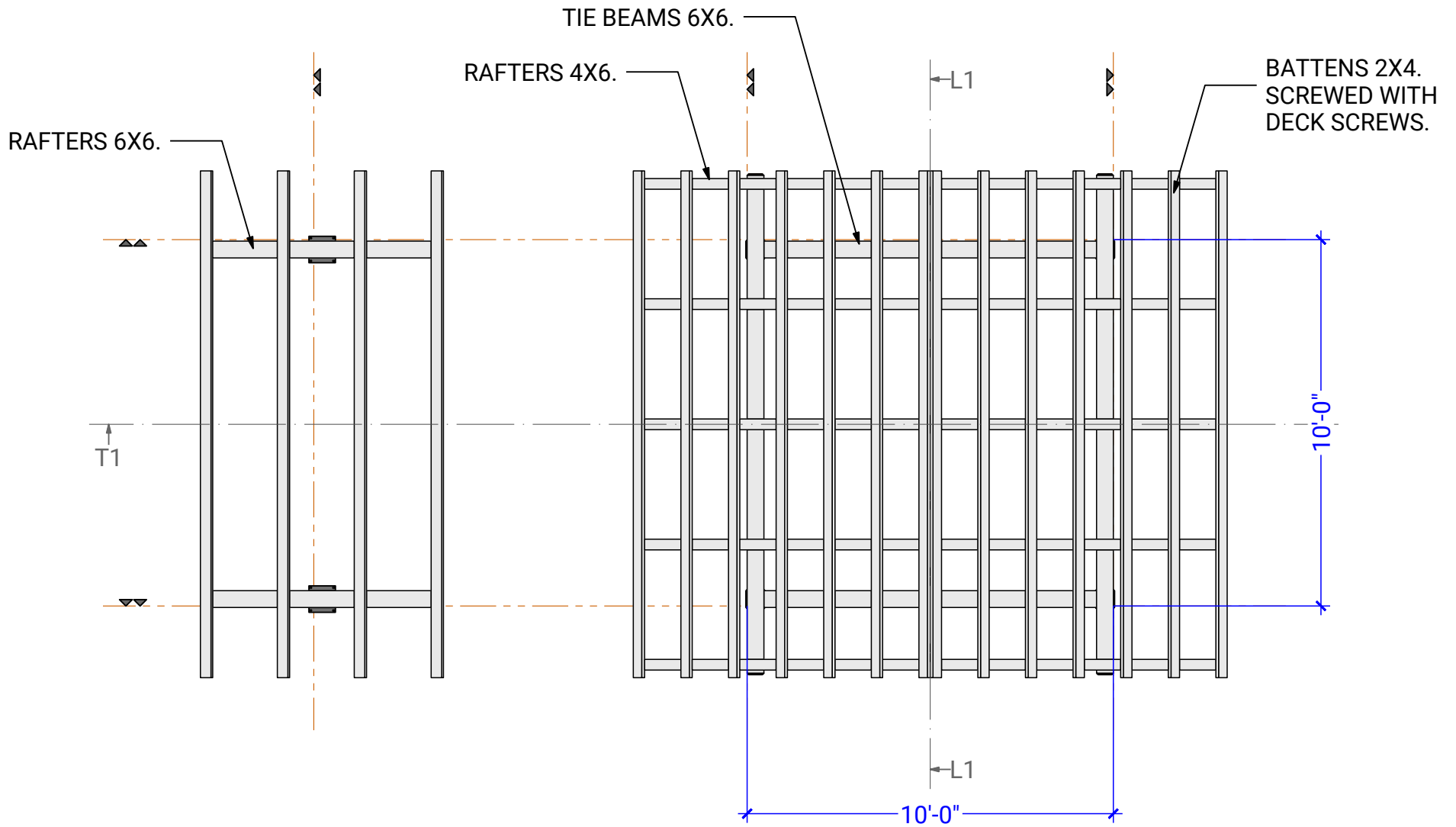


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TF 100

3D file name: 6x Timber Frame
 File name: 10x10 6x Frame.2d



VIEW: ROOF PLAN

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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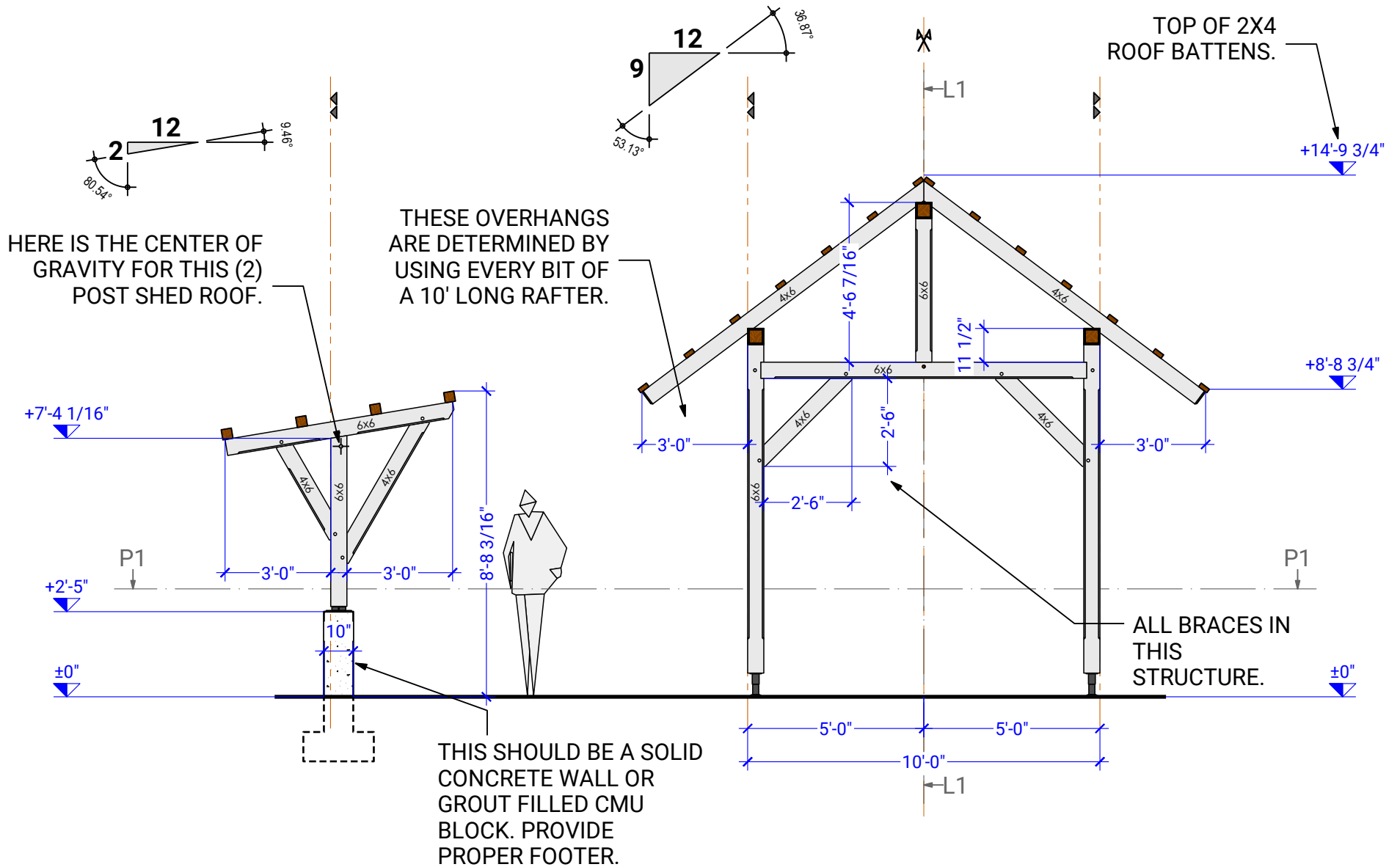


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TF 101

3D file name: 6x Timber Frame
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VIEW: SOUTH ELEVATION

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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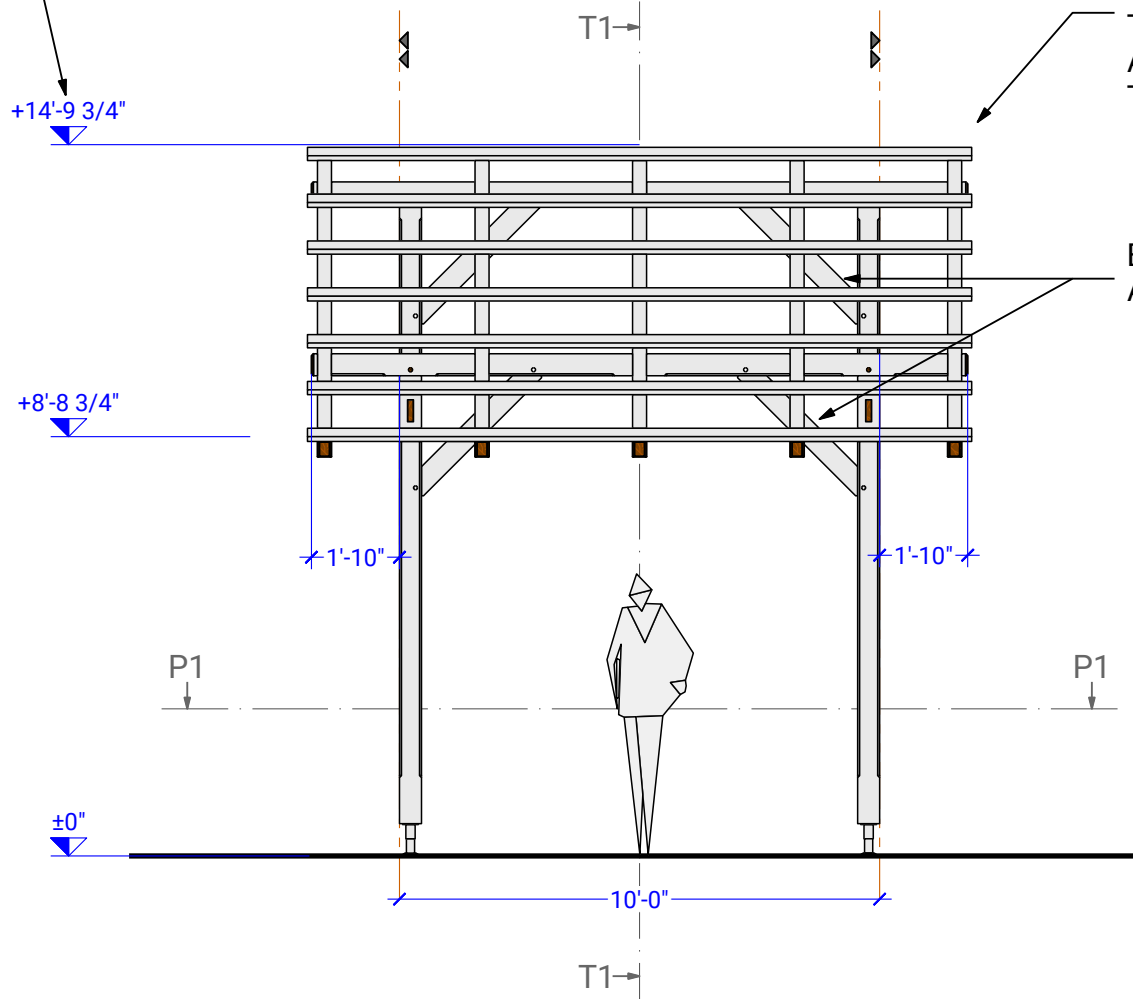
TF 200

3D file name: 6x Timber Frame
 File name: 10x10 6x Frame.2d

TOP OF 2X4
ROOF BATTENS.

YOU COULD EXTEND
THIS STRUCTURE
TWICE AS LONG BY
ADDING ONE BAY
THAT IS 10' LONG.

BRACES AT RIDGE BEAM
AND WALL POSTS.



VIEW: EAST ELEVATION - GABLE

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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State, Zip: SC , 29407

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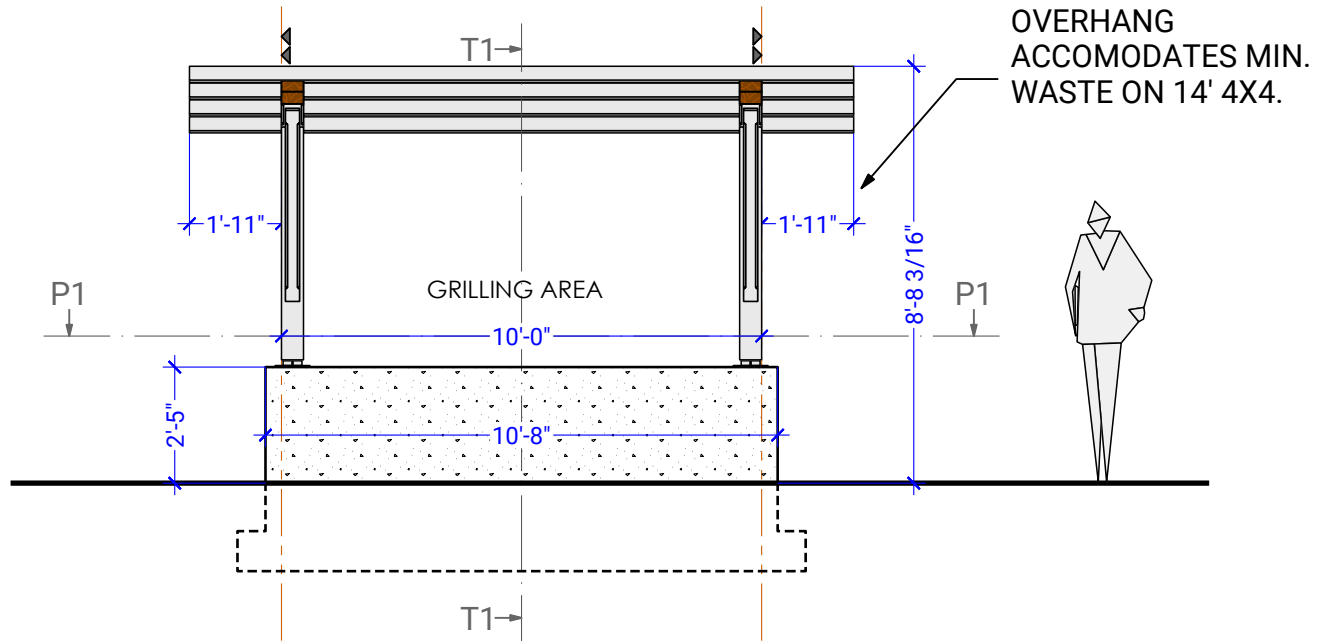
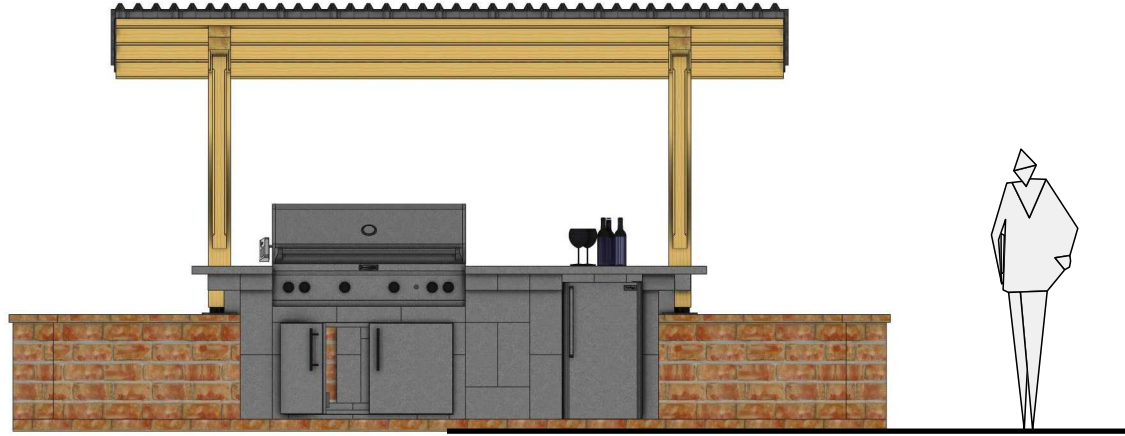


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3D file name: 6x Timber Frame
File name: 10x10 6x Frame.2d



VIEW: EAST ELEVATION - SHED

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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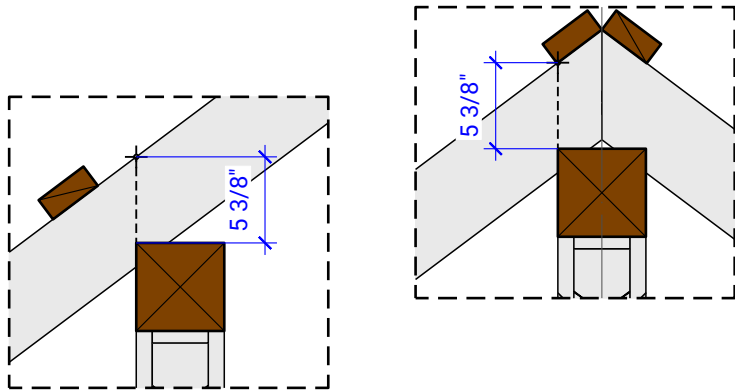


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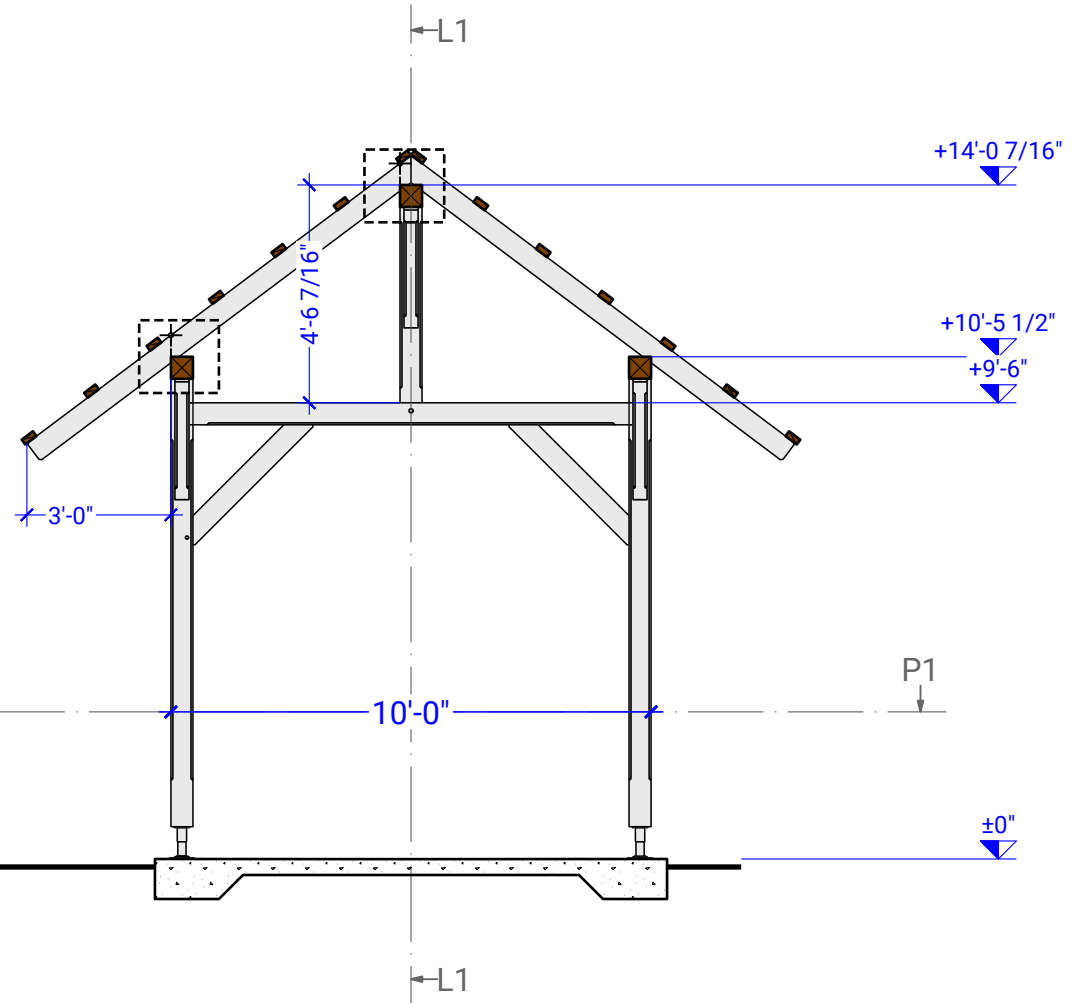
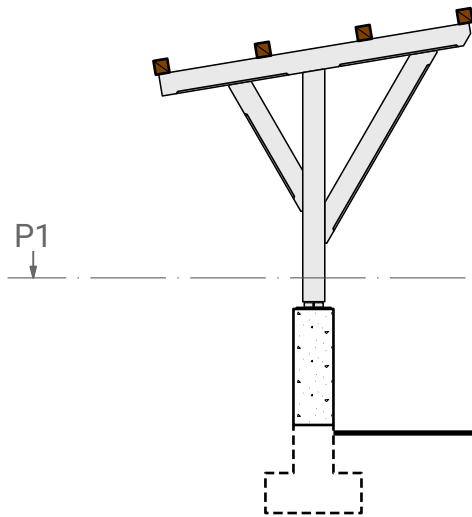
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 File name: 10x10 6x Frame 2d



DETAIL: H.A.P. (Height above plate)

Scale: 1" = 1' - 0"



SECTION: T1

Scale: 1/4" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

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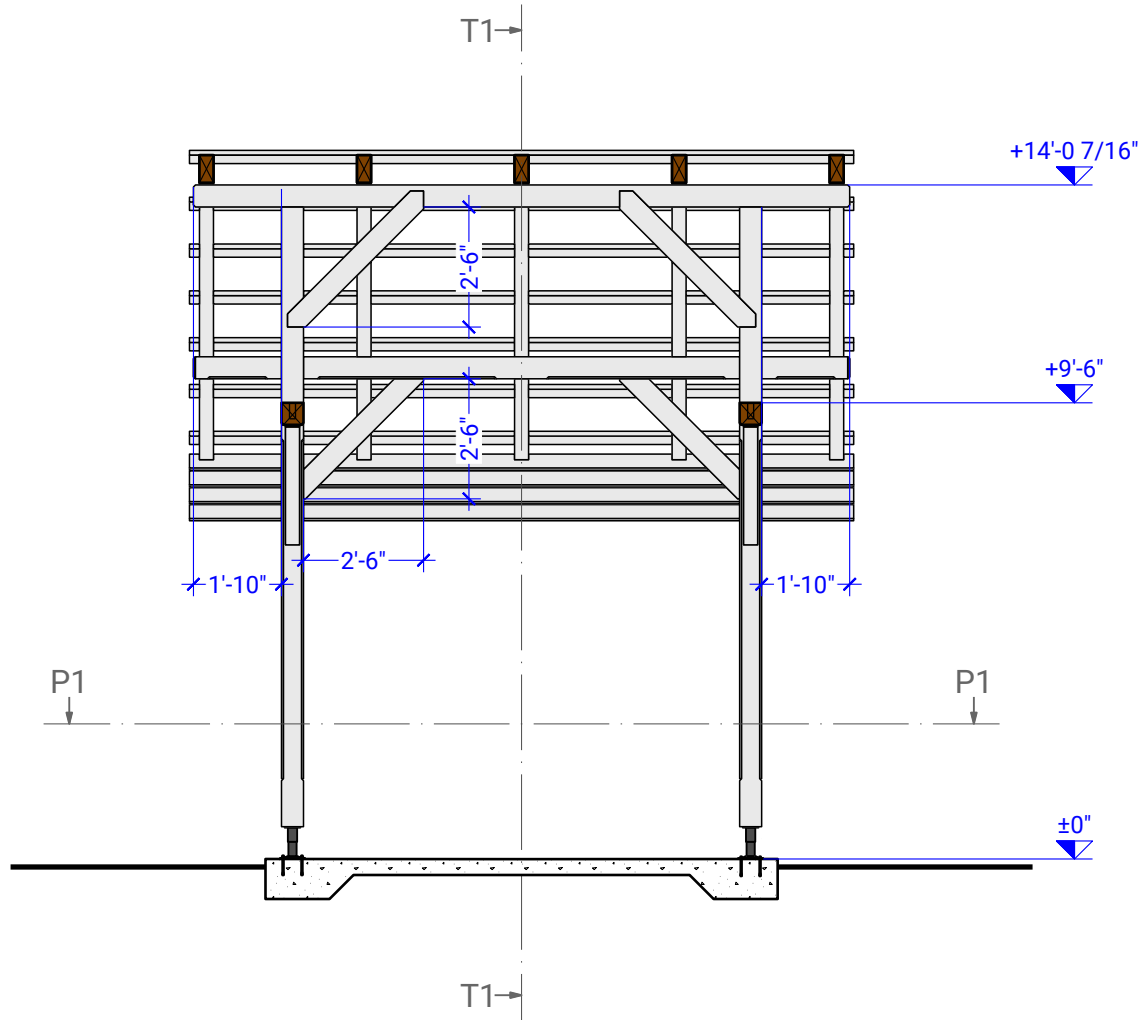


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3D file name: 6x Timber Frame
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SECTION: L1

Scale: 1/4" = 1'-0"

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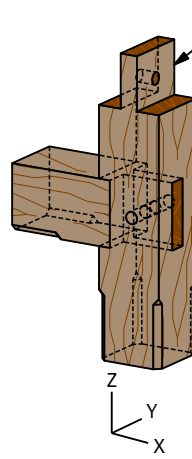
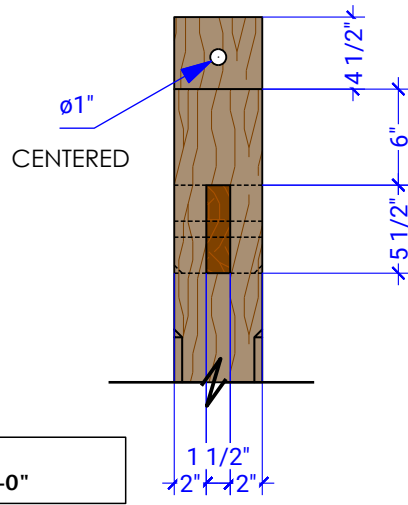


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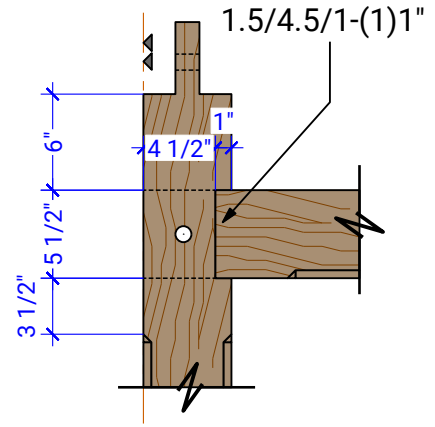
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1.5/4.5/1-(1)1"
 SHORTHAND FOR 1
 1/2" THICK TENON
 THAT IS 4 1/2"
 LONG, NO
 HOUSING, WITH (1)
 1" DIAMETER
 WOOD PEG.

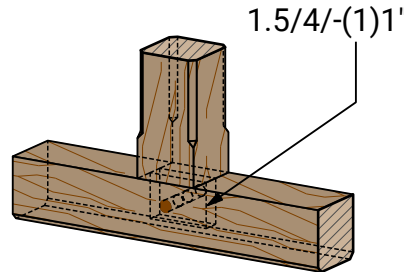
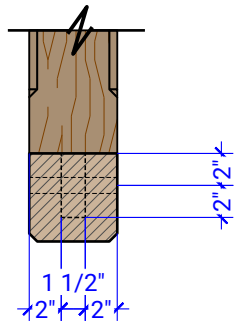


View: X'
 Scale: 1" = 1'-0"

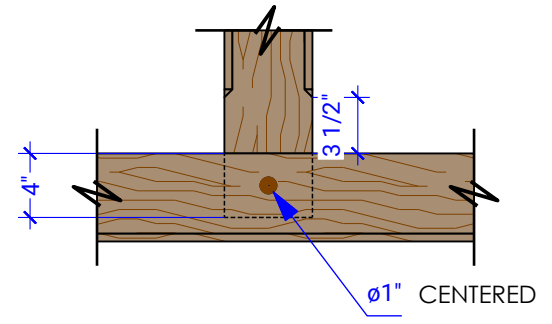
View: Y
 Scale: 1" = 1'-0"

1
500 Tiebeam to Post
 Scale: 1" = 1'-0"

SEE STICK DRAWINGS TOO.



SAME JOINT AS ALL
 POST TOPS
 AND KING POST TO
 RIDGE BEAM.



View: X'
 Scale: 1" = 1'-0"

View: Y
 Scale: 1" = 1'-0"

1
500 King Post to Tie Beam
 Scale: 1" = 1'-0"

SEE STICK DRAWINGS TOO.

10X10 FRAME WITH 6X6 TIMBERS

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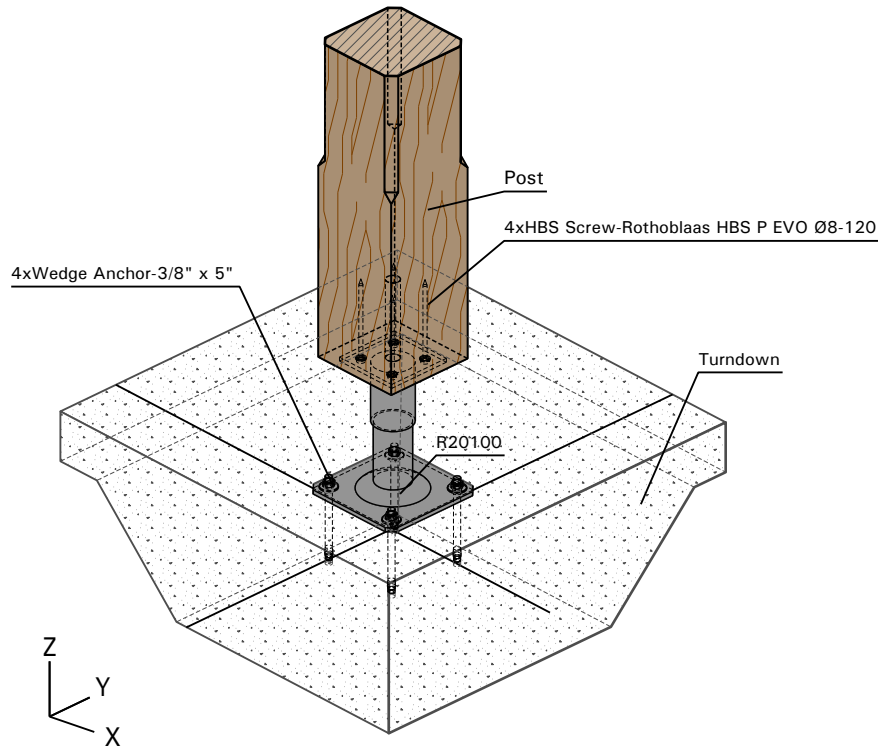
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TF 400

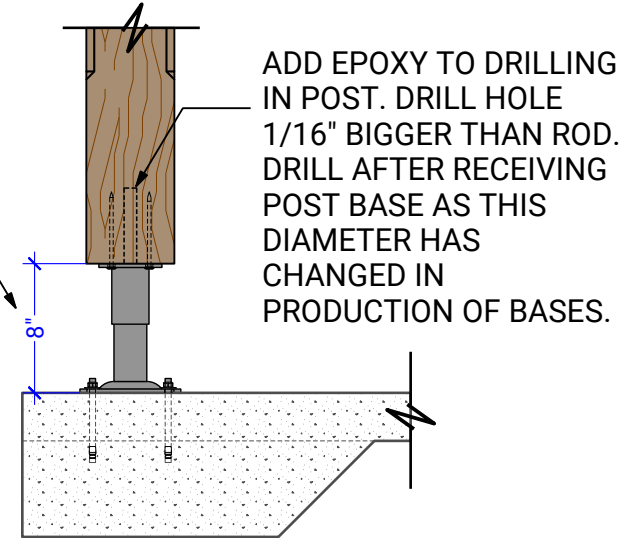
3D file name: 6x Timber Frame
 File name: 10x10 6x Frame.2d

DETAIL: ROTHOBLOSS R20100

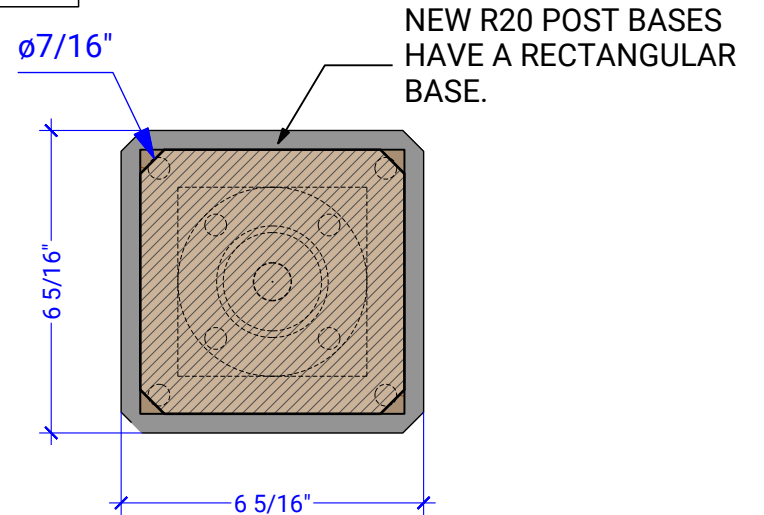


OTHER OPTIONS FOR POST BOTTOMS EXIST BUT SHOULD BE CHOSEN WISELY

POST BASE IS
ADJUSTABLE:
8" +/- 1 1/8"



View: X'
Scale: 1" = 1'-0"



View: Z'
Scale: 3" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
Municipality: Charleston
State, Zip: SC, 29407

| | |
|-------------|----------------|
| Phase: | - |
| Date: | 03-12-2025 |
| Customer: | - |
| Designer: | Moyer Fountain |
| Checked By: | - |

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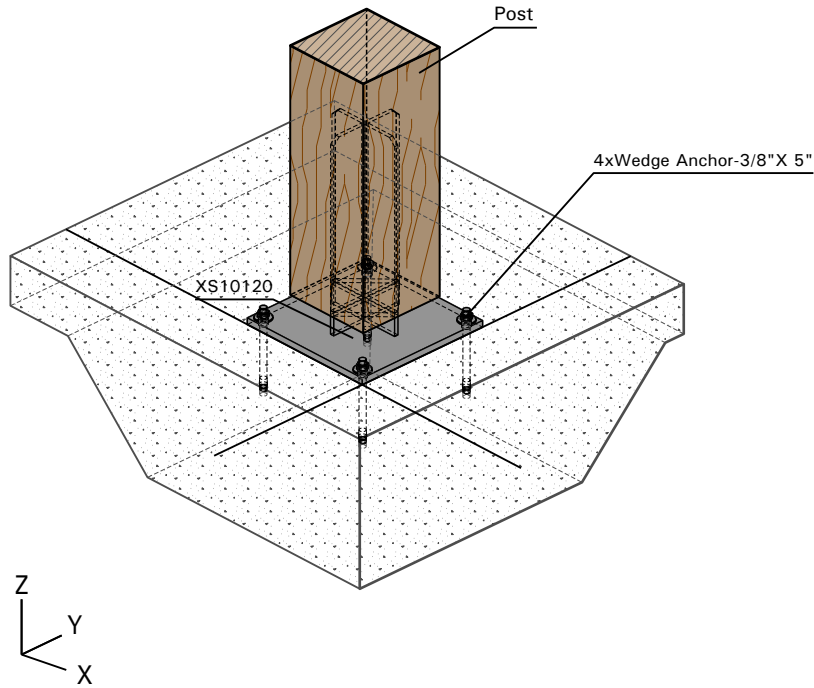
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Unit 162
Charleston, SC 29407
843-480-0885
info@jointandpeg.com

TF 500

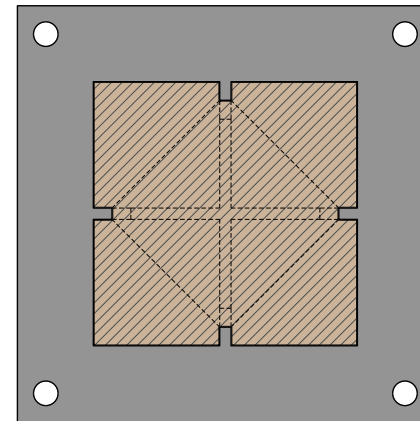
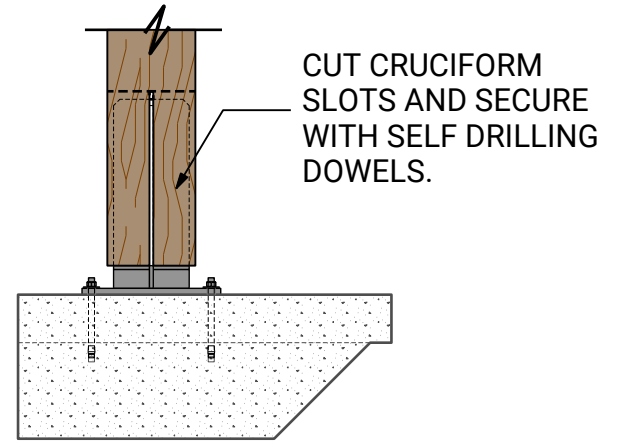
3D file name: Post Connections
File name: 10x10 6x Frame.2d

DETAIL: ROTHOBLOSS XS10120: POST ANCHOR FOR GRILLING AWNING OPTION 1

IF USING THIS XS10 CONNECTOR YOU MAY CUT YOUR SLOTS ALL THE WAY THROUGH THE POST AND SECURE WITH (16) Ø7.5MM SBD SCREWS FROM ROTHOBLOSS (SELF DRILLING DOWELS).



View: X'
Scale: 1" = 1'-0"



View: Z'
Scale: 3" = 1'-0"

OTHER OPTIONS FOR POST BOTTOMS EXIST BUT SHOULD BE CHOSEN WISELY

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
Municipality: Charleston
State, Zip: SC , 29407

Phase: -
Date: 03-12-2025
Customer: -
Designer: Moyer Fountain
Checked By: -

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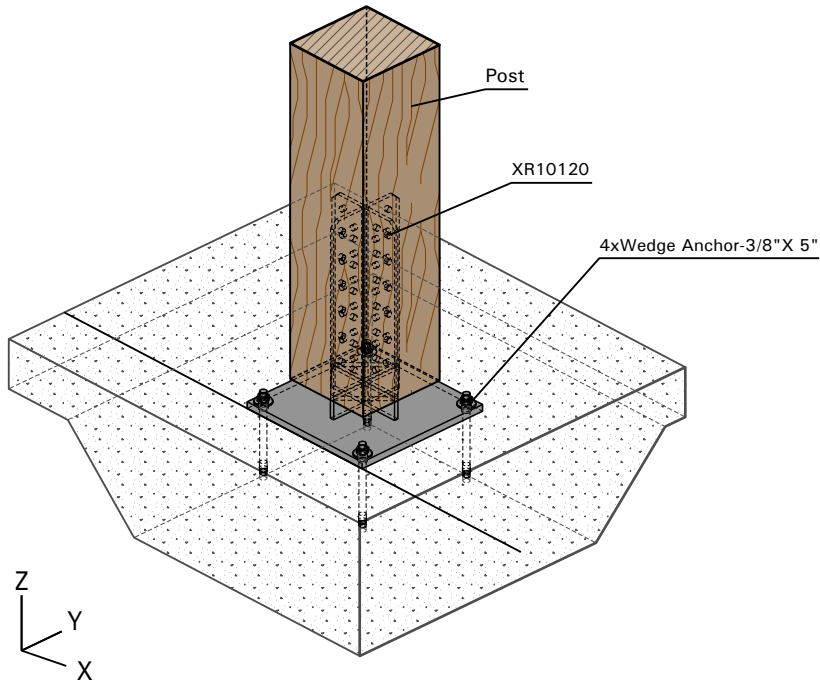
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TF 501

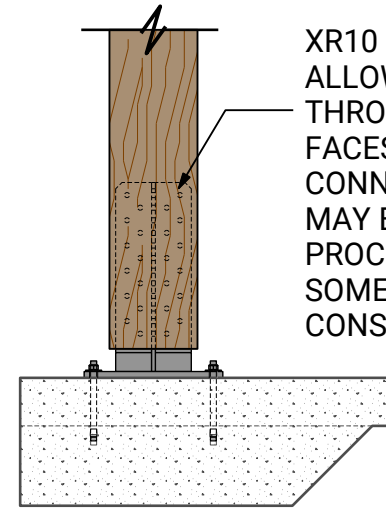
3D file name: Post Connections
File name: 10x10 6x Frame.2d

DETAIL: ROTHOBLOSS XR10120: POST ANCHOR FOR GRILLING AWNING OPTION 2

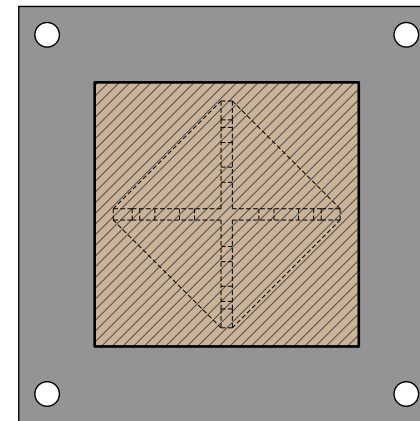


OTHER OPTIONS FOR POST BOTTOMS EXIST BUT SHOULD BE CHOSEN WISELY

View: X'
Scale: 1" = 1'-0"



XR10 DOES NOT ALLOW FOR SLOTTING THROUGH TO POST FACES. EPOXY SET CONNECTION. THIS MAY BE A DIFFICULT PROCEDURE FOR SOME. PLEASE CONSIDER OPTION 1.



View: Z'
Scale: 3" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
Municipality: Charleston
State, Zip: SC , 29407

| | |
|-------------|----------------|
| Phase: | - |
| Date: | 03-12-2025 |
| Customer: | - |
| Designer: | Moyer Fountain |
| Checked By: | - |

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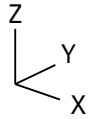
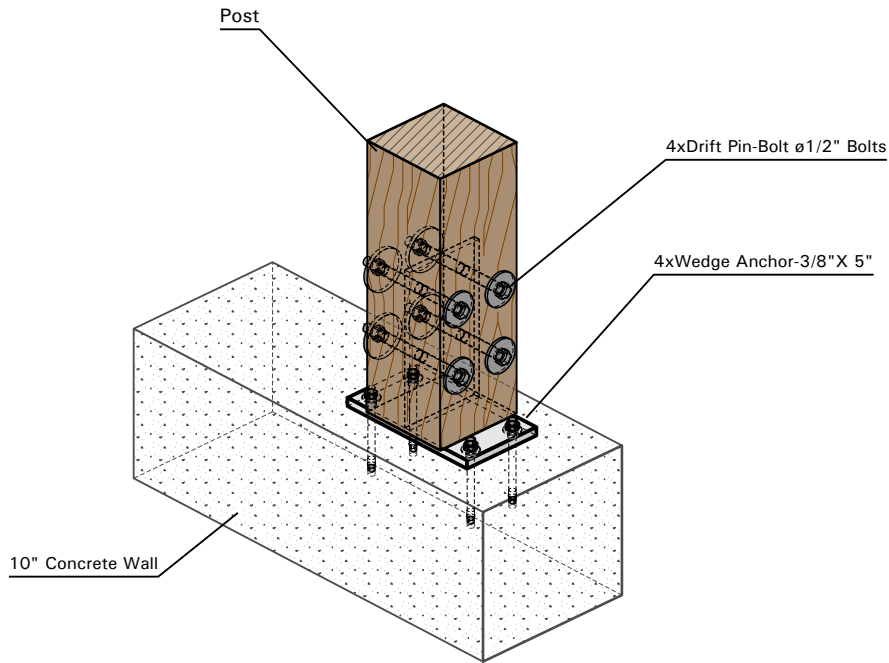
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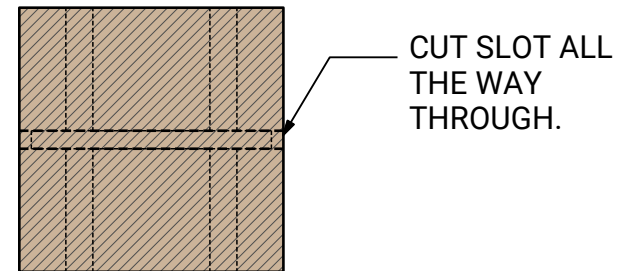
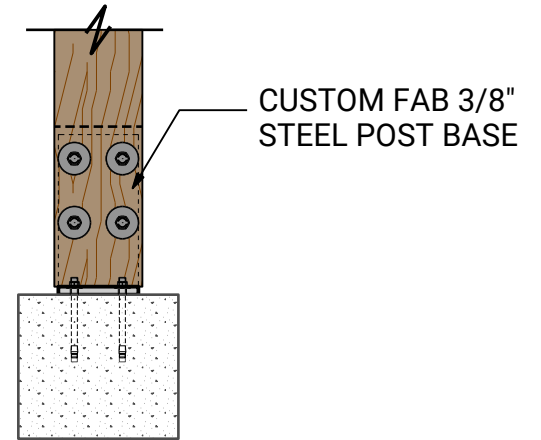
TF 502

3D file name: Post Connections
File name: 10x10 6x Frame.2d

DETAIL: 6X6 STEEL FIN: POST ANCHOR FOR GRILLING AWNING OPTION 3



View: X'
Scale: 1" = 1'-0"



View: Z'
Scale: 3" = 1'-0"

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
Municipality: Charleston
State, Zip: SC, 29407

Phase: -
Date: 03-12-2025
Customer: -
Designer: Moyer Fountain
Checked By: -

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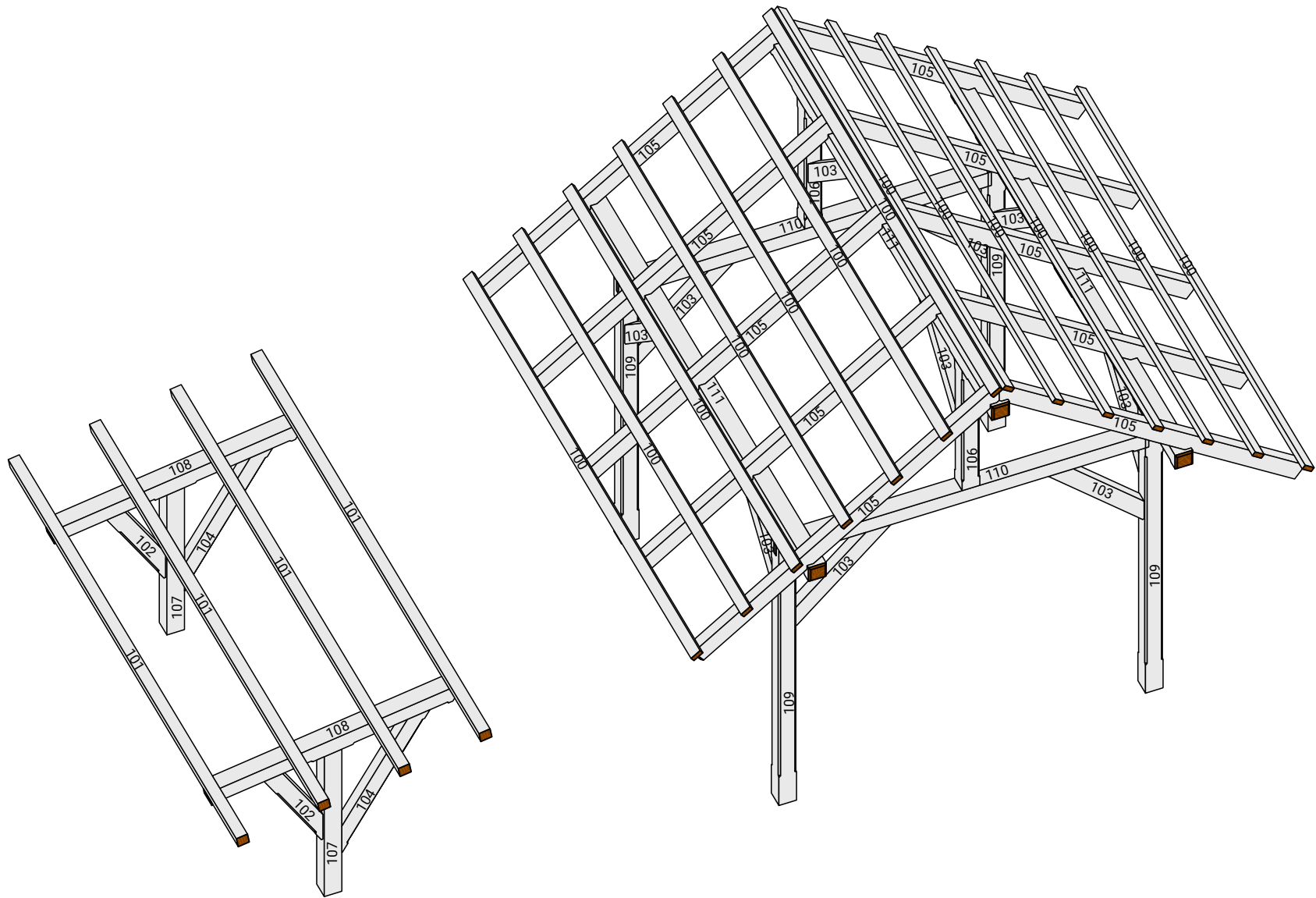


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TF 503

3D file name: Post Connections
File name: 10x10 6x Frame.2d



VIEW: WOOD LIST

Scale: NTS

THIS DRAWING REPRESENTS WHAT IS IN THE WOOD LIST THAT YOU ARE PROVIDED WITH THIS DESIGN. THIS VIEW WILL SHOW EITHER A PART NUMBER (3 DIGIT), NAME, OR ROUGH X-SECTION OF THE WOOD MEMBER. ALL THREE OF THESE DESIGNATIONS ARE IN THE WOOD LIST PROVIDED.

10X10 FRAME WITH 6X6 TIMBERS

Street: 1643B Savannah Highway
 Municipality: Charleston
 State, Zip: SC , 29407

Phase: -
 Date: 03-12-2025
 Customer: -
 Designer: Moyer Fountain
 SER: *

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WOOD LIST DIAGRAM

3D file name: 6x Timber Frame
 File name: 10x10 6x Frame.2d