

1. THESE DRAWINGS ARE FOR REFERENCE PURPOSES ONLY.

3. STRUCTURAL ENGINEER'S APPROVAL NEEDED FOR UNISTRUT ASSEMBLY BETWEEN SUPPORTING STRUCTURE AND TOP OF TUDELU FRAME.

#### 4. ADD BRACING IF NEEDED FOR ADDITIONAL RIGIDITY

5. DESIGN LOADS- TUDELU SYSTEM WEIGHS 100 lbs/LF.

- LATERAL PRESSURE ON CURTAIN- 5 lbs/sq ft

## TUDELU TIGHT TO SUPPORTING STRUCTURE (S-10 to S-14 )

- SUGGESTED INSTALLATION NOTES:

\* MIN. BEAM FLANGE WITH = 5"

\* DETERMINE HORIZONTAL LOCATION

OF THE TOP P1000 UNISTRUT RELATIVE TO CL TUDELU CURTAIN FRAME

\* TEMPORARILY CLAMP TO BEAM

**\* CONFIRM ALIGNMENT & TIGHTEN**

\* ATTACH TUDELU FRAME TO UNISTRUT

\* USE SHIMS TO LEVEL TUDELU FRAME BELOW

UNISTRUT

\* TIGHTEN BOLTS

## TUDELU WITH "UNISTRUT DROP FRAME" (S-20 to S-24 )

- SUGGESTED INSTALLATION NOTES:

\* MIN. BEAM FLANGE WITH = 5"

\* DETERMINE ELEVATION OF TUDELU FRAME BELOW EXISTING STRUCTURE

\* CREATE AND ASSEMBLE ALL DROP FRAMES TO DETERMINED GEOMETRY

\* DETERMINE HORIZONTAL LOCATION

### OF THE UNISTRUT FRAMING RELATIVE TO CL TUDELU CURTAIN FRAME

\* DETERMINE LOCATIONS OF DROP FRAMES- 2 FRAMES PER 6'-6" TUDELU CURTAIN FRAME.

\* TEMPORARILY CLAMP DROP FRAME TO BEAM(S)

**\* CONFIRM ALIGNMENT & TIGHTEN**

\* ATTACH CONTINUOUS P5000 OR P5500 UNISTRUT TO DROP FRAMES

\* ATTACH TUDELU FRAME TO CONTINUOUS P5000

\* USE SHIMS TO LEVEL TUDELU FRAME BELOW

UNISTRUT – ATTACH EACH TUDELU CROSS FRAME TO P5000 OR P5500 UNISTRUT

\* TIGHTEN BOLTS

Sheet List		
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S-11	TIGHT TO UNDERSIDE - STEEL PERPENDICULAR	2022.08.02
S-12	TIGHT TO UNDERSIDE - CONCRETE	2022.08.02
S-13	TIGHT TO UNDERSIDE - WOOD PARALLEL	2022.08.02
S-14	TIGHT TO UNDERSIDE - WOOD PERPENDICULAR	2022.08.02
S-20	DROP FRAME - STEEL PARALLEL	2022.08.02
S-21	DROP FRAME - STEEL PERPENDICULAR	2022.08.02
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S-24	DROP FRAME - WOOD PERPENDICULAR	2022.08.02

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Project

## TUDELU MOVABLE PARTITION - PROPOSED STRUCTURAL SUPPORT SYSTEMS

Sheet Title

## NOTES

Project Number

222048-00

Date \_\_\_\_\_

S-01

Scale

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Project  
TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS

Sheet Title  
**TIGHT TO UNDERSIDE -  
STEEL PARALLEL**

Project Number 222048-00

Date 08/02/22

Sheet Number

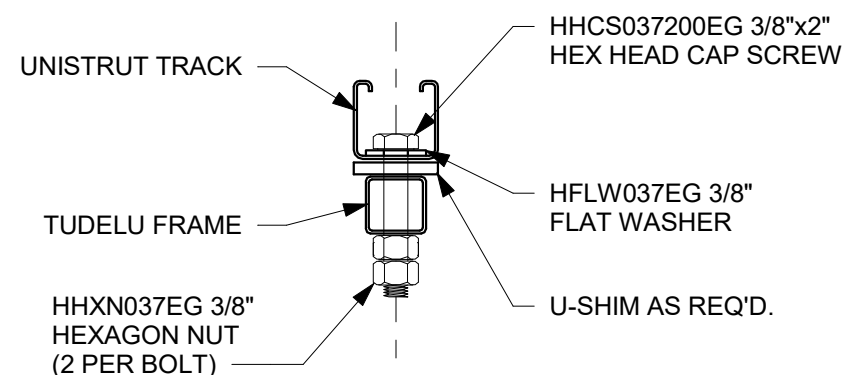
**S-10**

Scale As Indicated

HHCS050150EG 1/2"x1 1/2"  
HEX HEAD CAP SCREW

P1010 1/2" -13  
CHANNEL NUT w/  
SPRING

5 **DETAIL - CLAMP**  
3" = 1'-0"



4 **UNISTRUT TO TUDELÜ FRAME**  
3" = 1'-0"

BEAM SPACING

6'-0": MAX - P1000HS, 8'-0" MAX - P5000HS

UNISTRUT P1000HS  
OR P5000HS

SEE 2/- FOR  
MORE INFORMATION

CL.  
CURTAIN  
&  
FRAME

3 **TUDELÜ - TIGHT TO SUPPORTNG STEEL  
- BETWEEN MEMBERS**  
1" = 1'-0"

UNISTRUT  
P1000HSx2'-0" LONG  
@ EA, CROSS MEMBER  
(OR UNISTRUT P3000HS  
w/ - P2785 CLAMPS)

TUDELÜ FRAME

EXISTING STEEL

5

S-10

P1386 CLAMPS

4

S-10

0' - 10"

0' - 10"

OFFSET  
9" MAX.

CL.  
CURTAIN  
&  
FRAME

2 **TUDELÜ - TIGHT TO SUPPORTNG STEEL**  
1 1/2" = 1'-0"

STEEL BEAM  
(EXISTING)

3

S-10

2

S-10

TUDELÜ  
FRAME  
MATCH LINE

TUDELÜ FRAME

6'-6" LONG

TUDELÜ  
CROSS  
FRAME

1 **TUDELÜ - TIGHT TO SUPPORTING -  
STEEL PARALLEL**  
3/4" = 1'-0"

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Project  
**TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS**

Sheet Title  
**TIGHT TO UNDERSIDE -  
STEEL PERPENDICULAR**

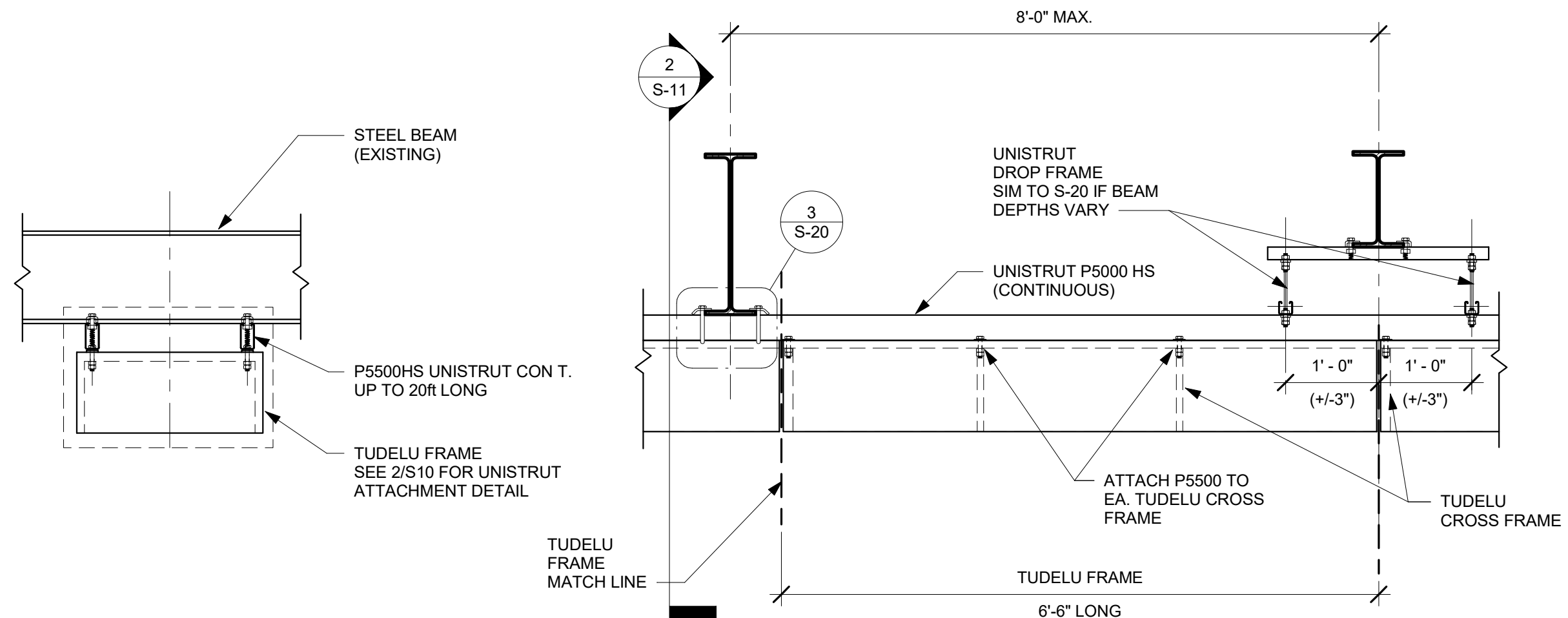
Project Number 222048-00

Date 08/02/22

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**S-11**

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2 TIGHT TO UNDERSIDE - STEEL -  
PERPENDICULAR  
3/4" = 1'-0"

1 TIGHT TO UNDERSIDE - TUDELÜ  
PERPENDICULAR TO STEEL BEAMS  
3/4" = 1'-0"

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Project  
**TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS**

Sheet Title  
**TIGHT TO UNDERSIDE -  
CONCRETE**

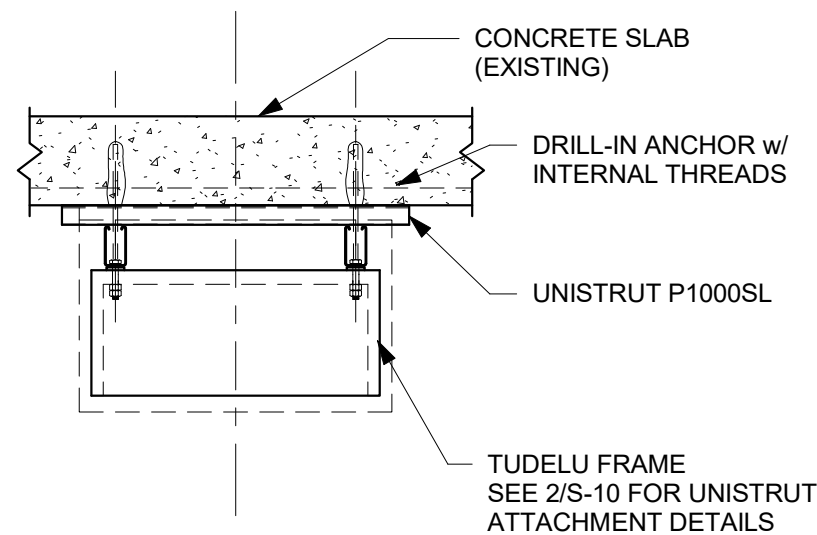
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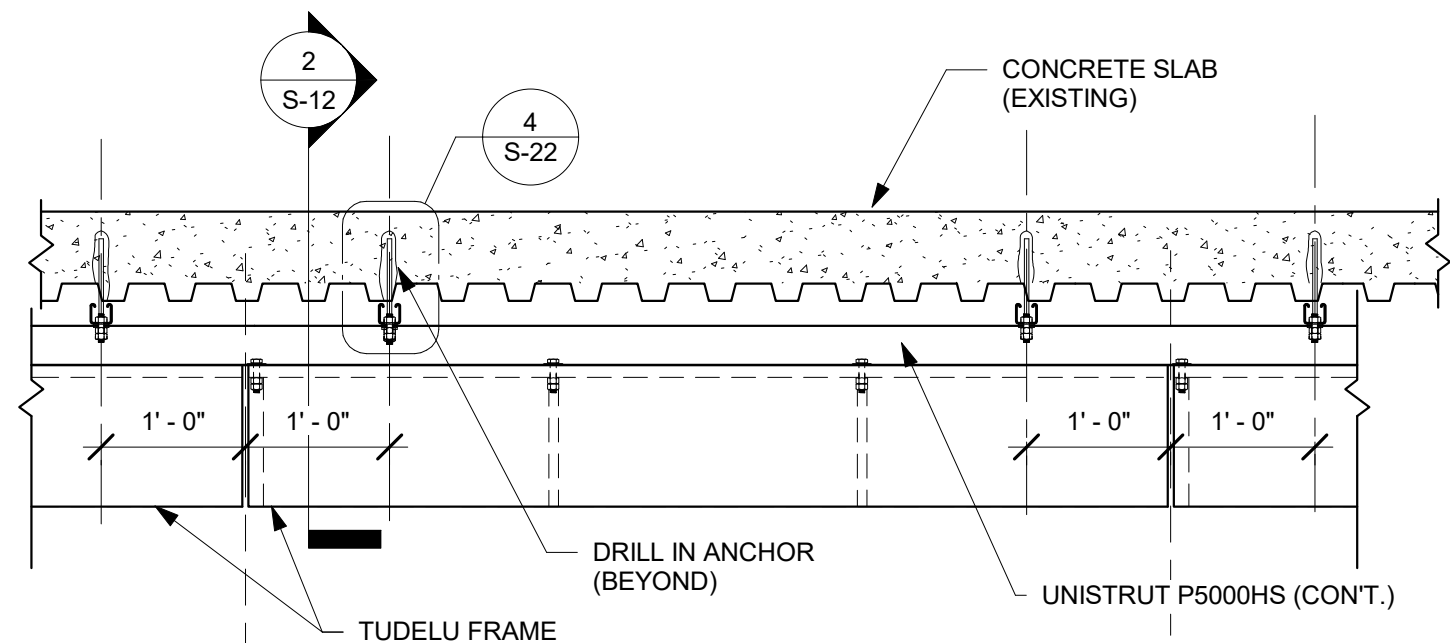
Sheet Number

**S-12**

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2 SECTION  
3/4" = 1'-0"



1 TIGHT TO UNDERSIDE - TUDELÜ  
PERPENDICULAR TO FLUTES OF  
CONCRETE SLAB ON METAL DECK  
3/4" = 1'-0"

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Project  
**TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS**

Sheet Title  
**TIGHT TO UNDERSIDE -  
WOOD PARALLEL**

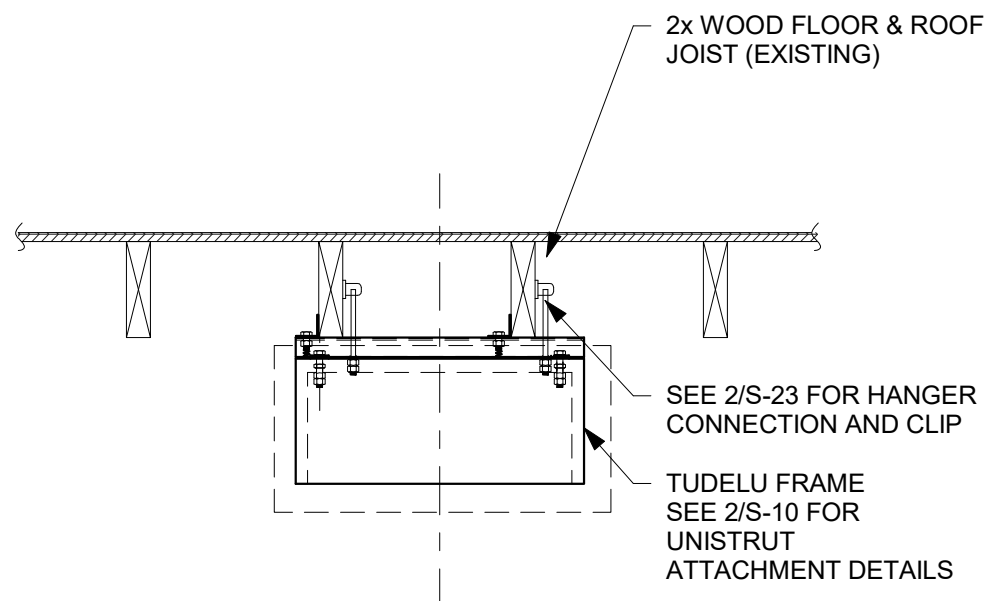
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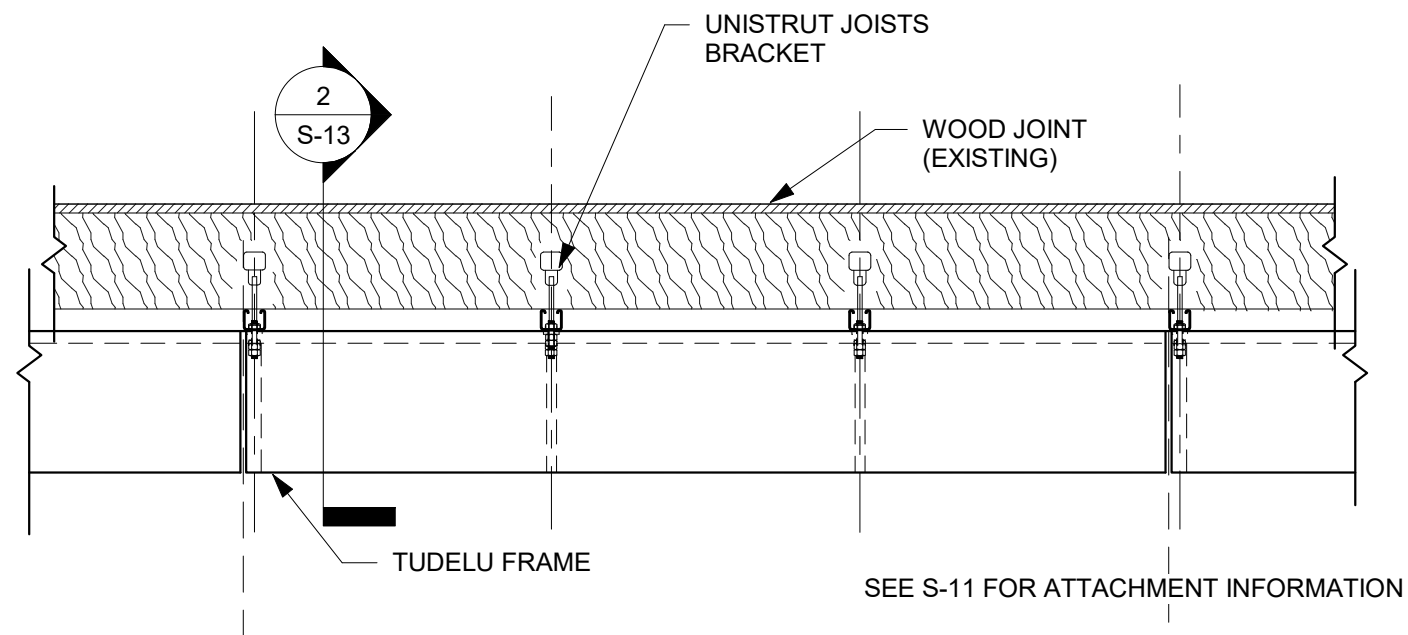
Sheet Number

**S-13**

Scale As Indicated



**2 SECTION**  
**3/4" = 1'-0"**



**1 TIGHT TO UNDERSIDE - TUDELÜ  
PARALLEL TO WOOD JOISTS**  
**3/4" = 1'-0"**

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Project  
**TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS**

Sheet Title  
**TIGHT TO UNDERSIDE -  
WOOD PERPENDICULAR**

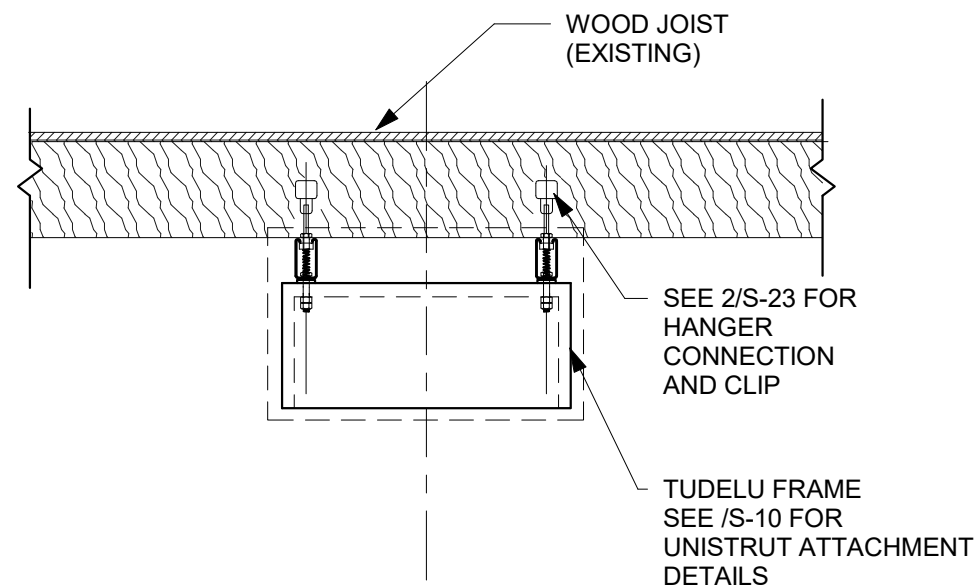
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Date 08/02/22

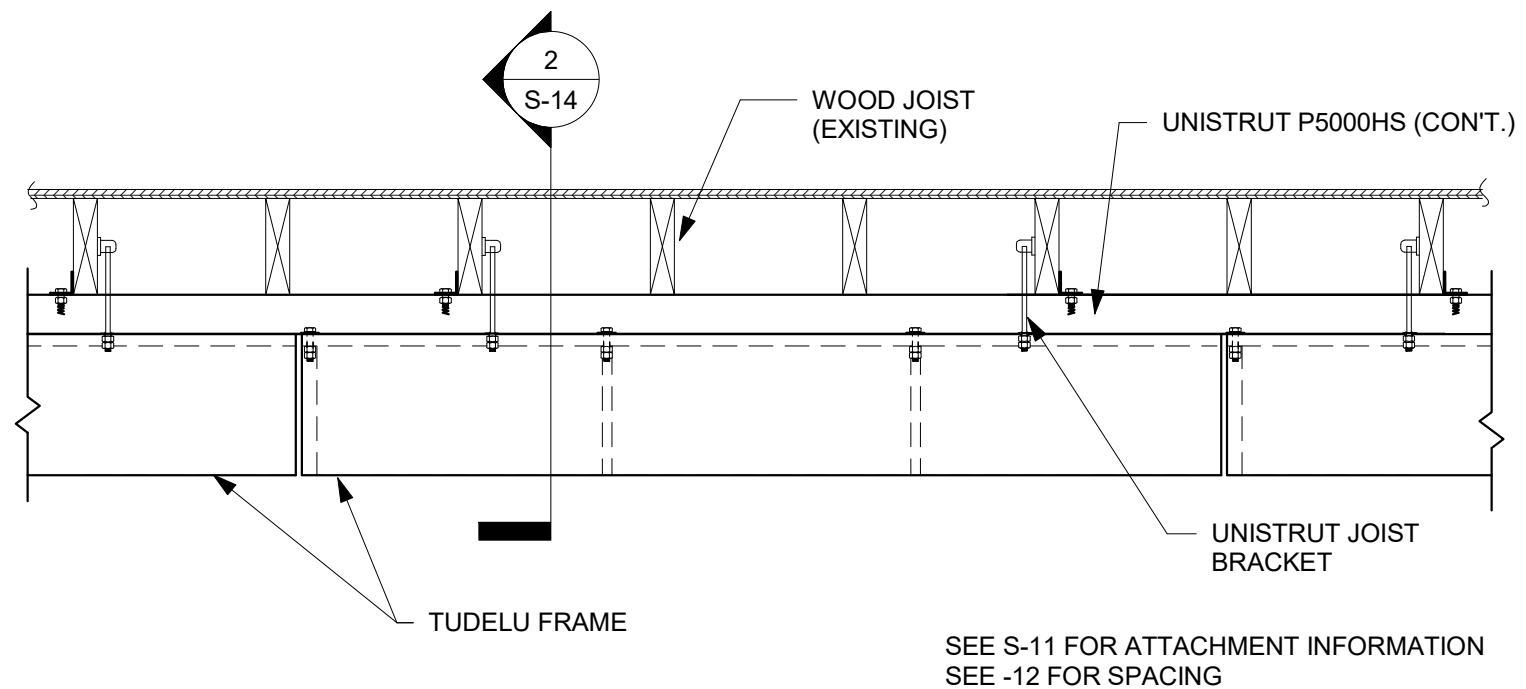
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**S-14**

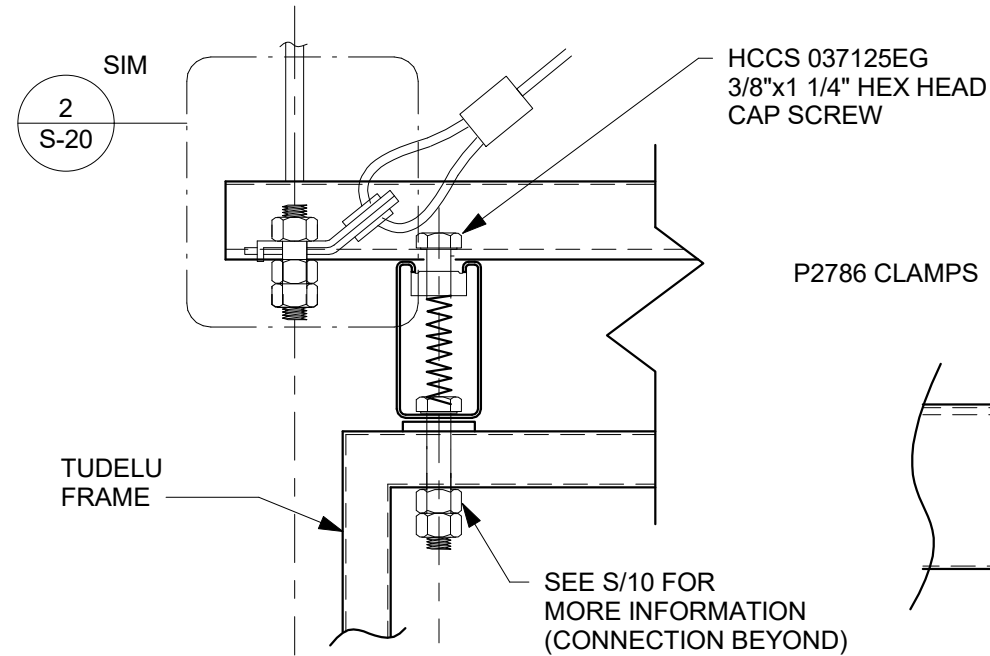
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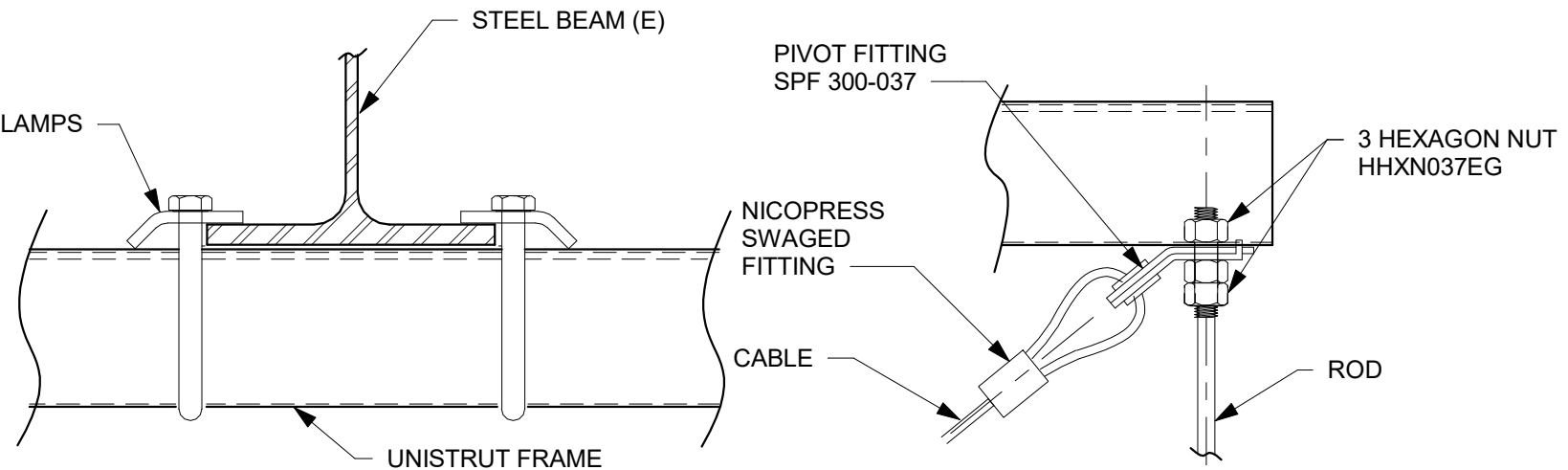
**2 SECTION**  
**3/4" = 1'-0"**



**1 TIGHT TO UNDERSIDE- TUDELÜ  
PERPENDICULAR TO WOOD JOISTS**  
**3/4" = 1'-0"**

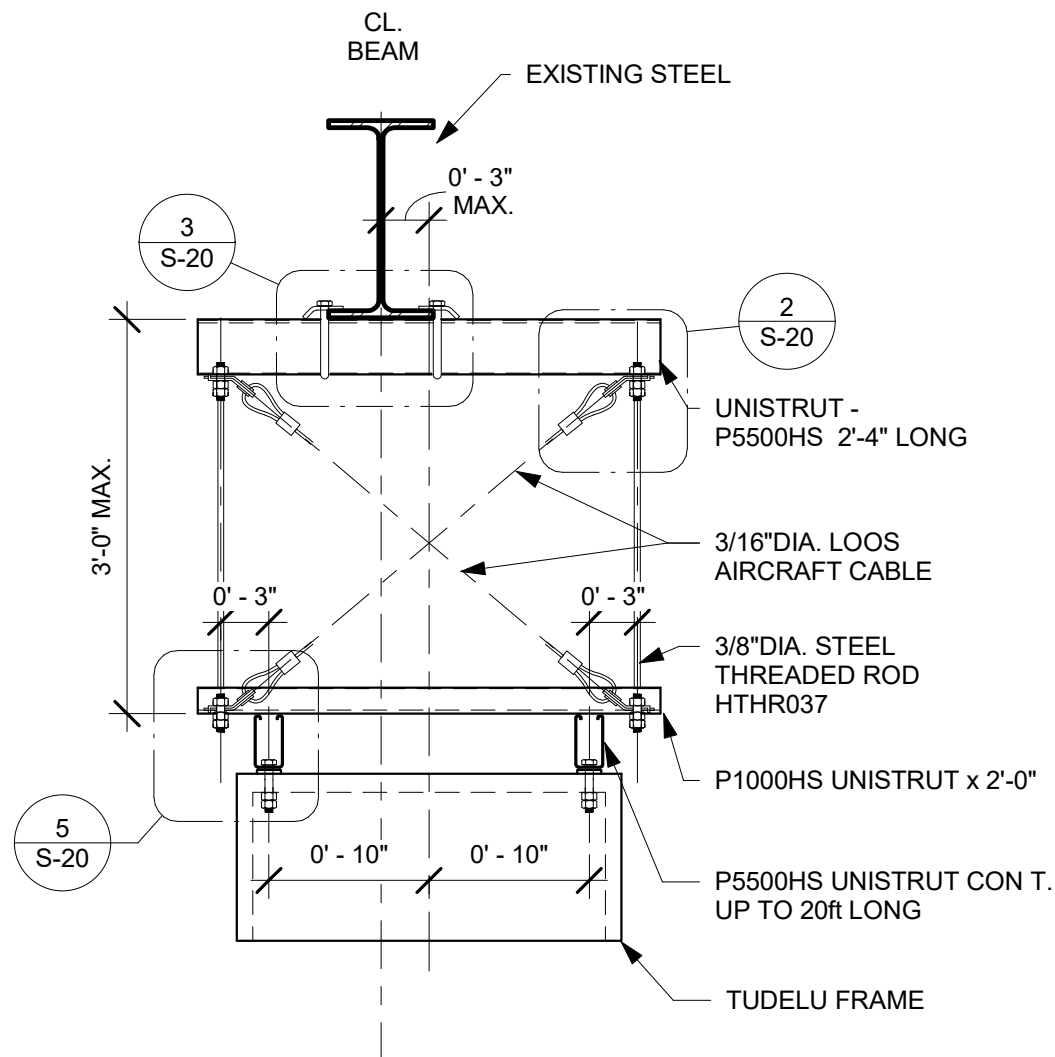


5 DETAIL  
3" = 1'-0"

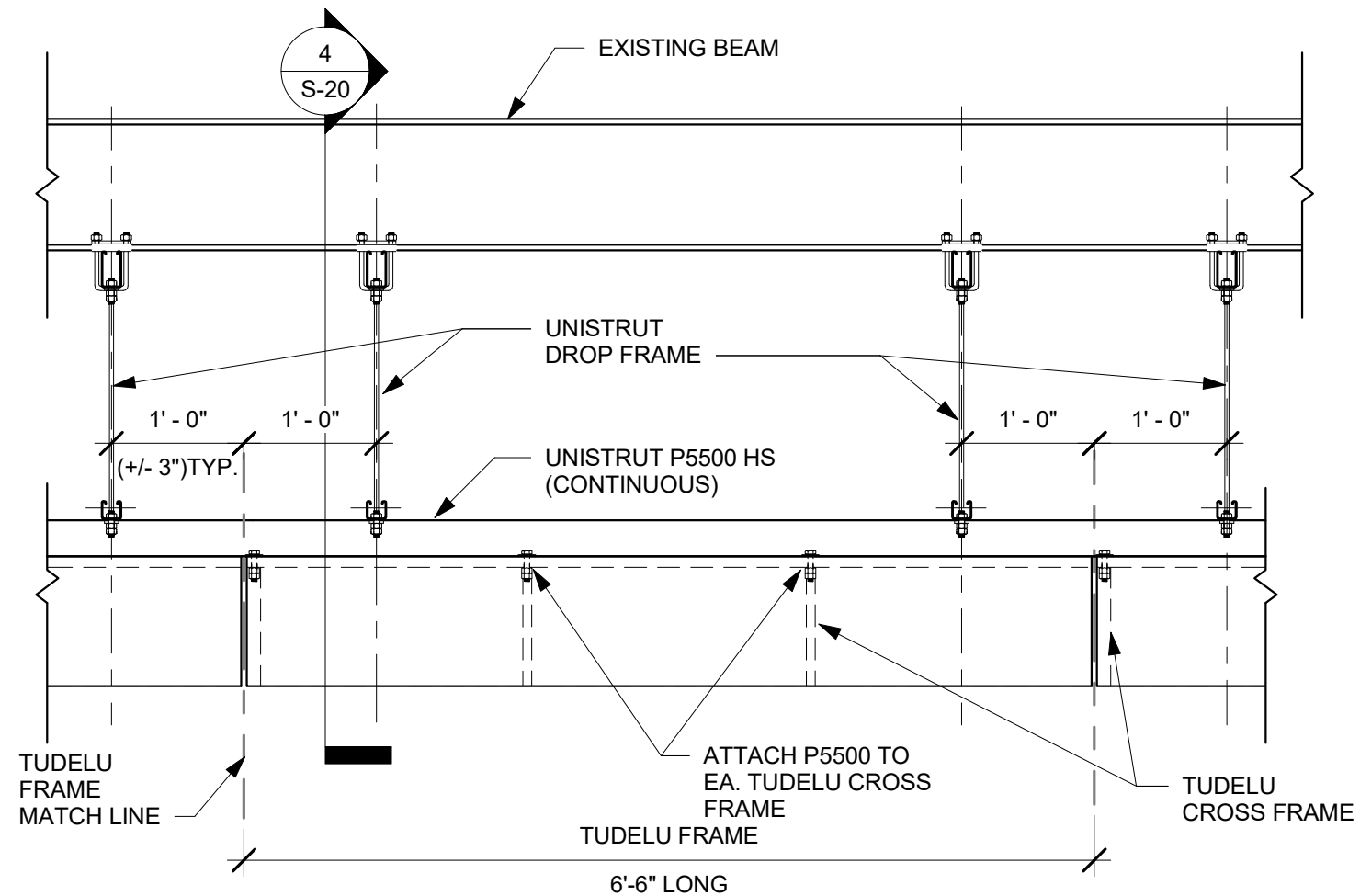


2 DETAIL - BRACING CONNECTION  
3" = 1'-0"

3 CLAMP  
3" = 1'-0"



4 SECTION - DROP FRAME  
1" = 1'-0"



1 DROP FRAME - TUDELU PARALLEL TO STEEL BEAM  
3/4" = 1'-0"

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Project  
**TUDELÜ MOVABLE PARTITION - PROPOSED STRUCTURAL SUPPORT SYSTEMS**

Sheet Title  
**DROP FRAME - STEEL PARALLEL**

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Sheet Number

**S-20**

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Project  
**TUDELÜ MOVABLE  
PARTITION - PROPOSED  
STRUCTURAL SUPPORT  
SYSTEMS**

Sheet Title  
**DROP FRAME - STEEL  
PERPENDICULAR**

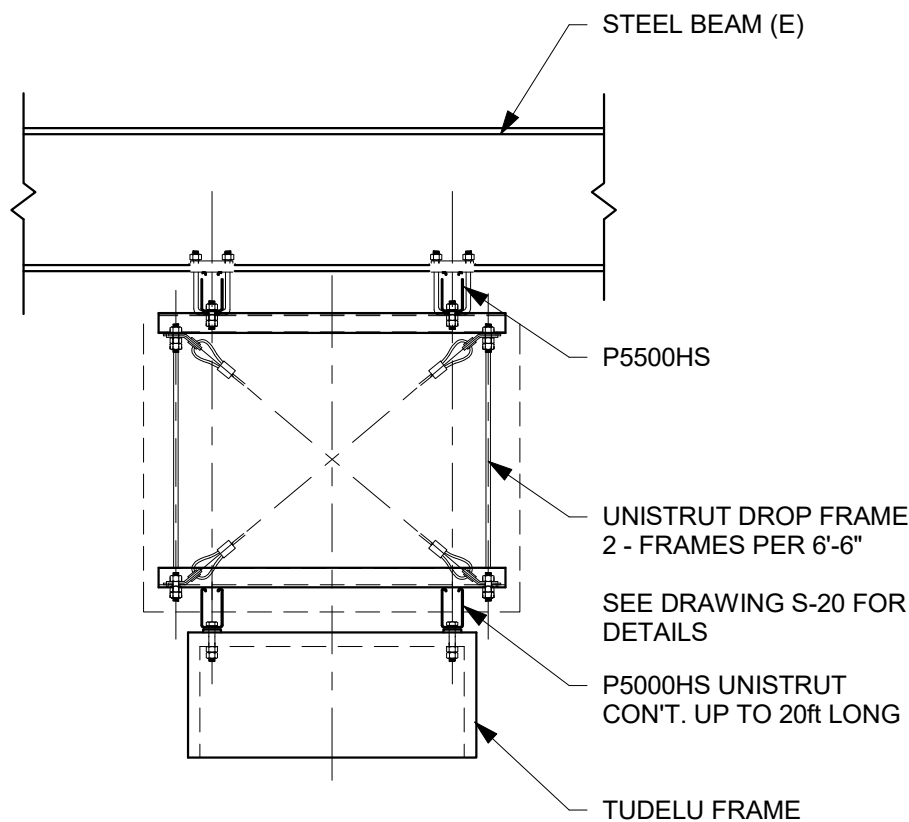
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Date 08/02/22

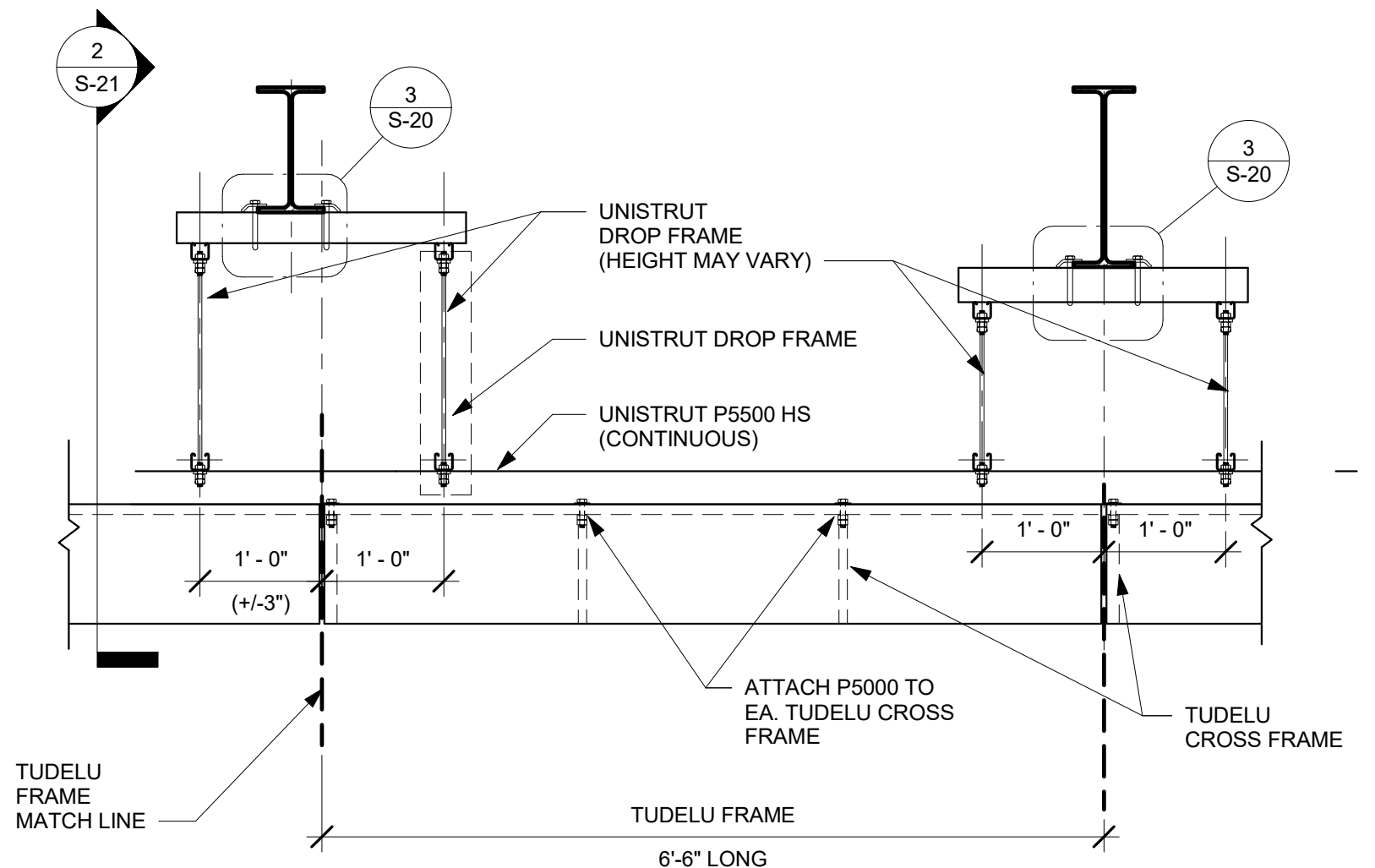
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**S-21**

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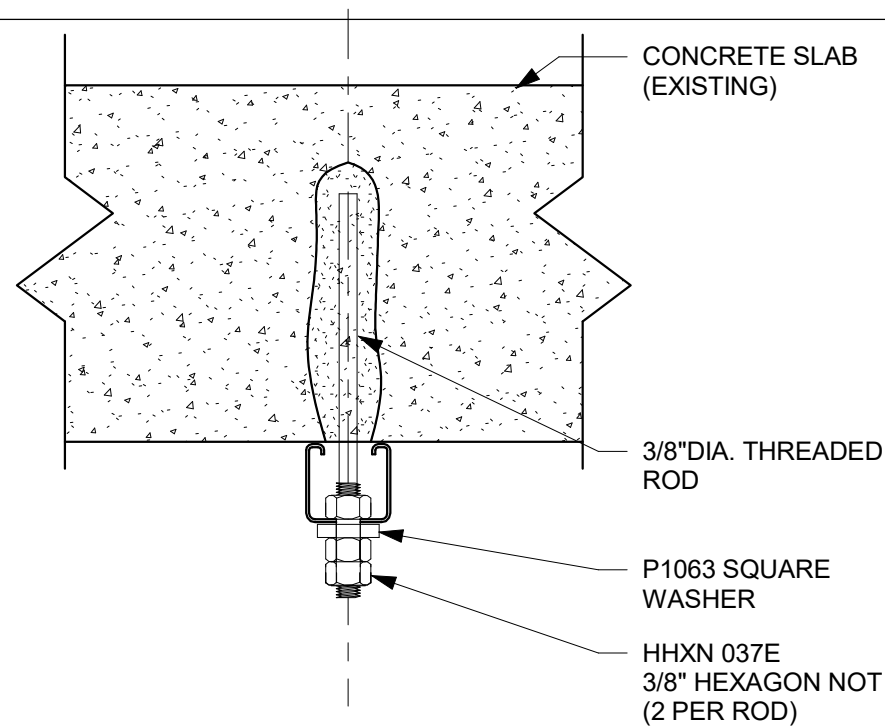
**SECTION - DROP FRAME  
PERPENDICULAR**  
3/4" = 1'-0"



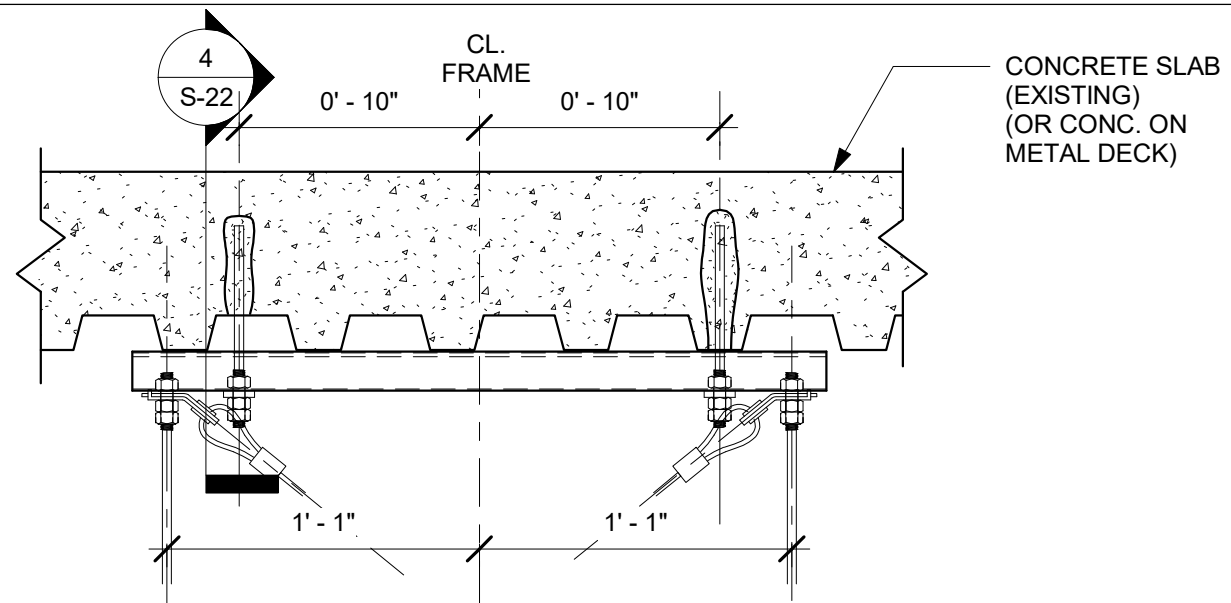
**DROP FRAME - TUDELÜ  
PERPENDICULAR TO STEEL BEAMS**  
3/4" = 1'-0"

SEE S-21 FOR ATTACHMENT INFORMATION  
INCLUDING SPACING.

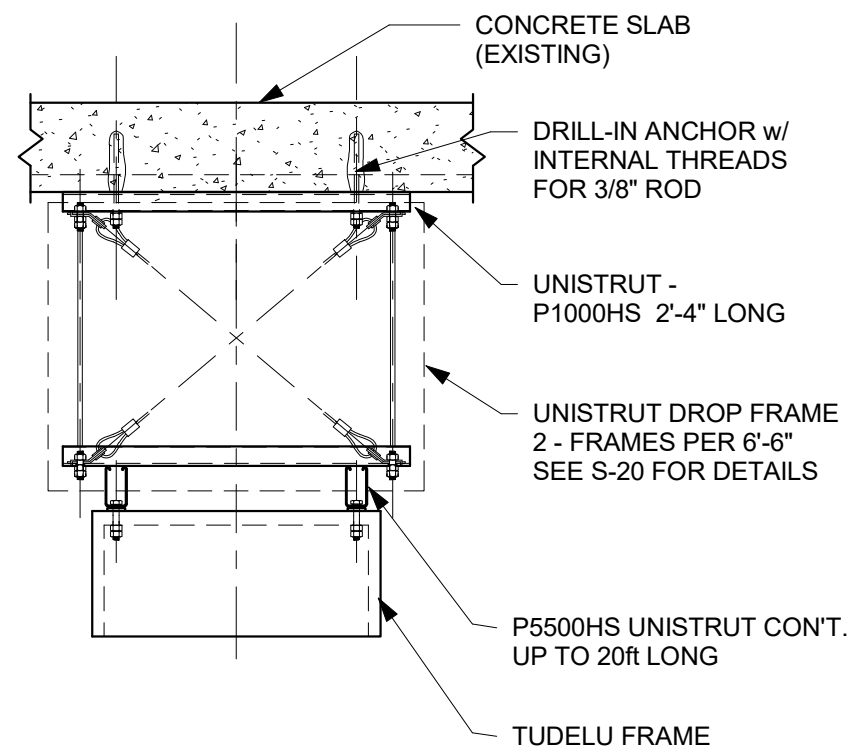




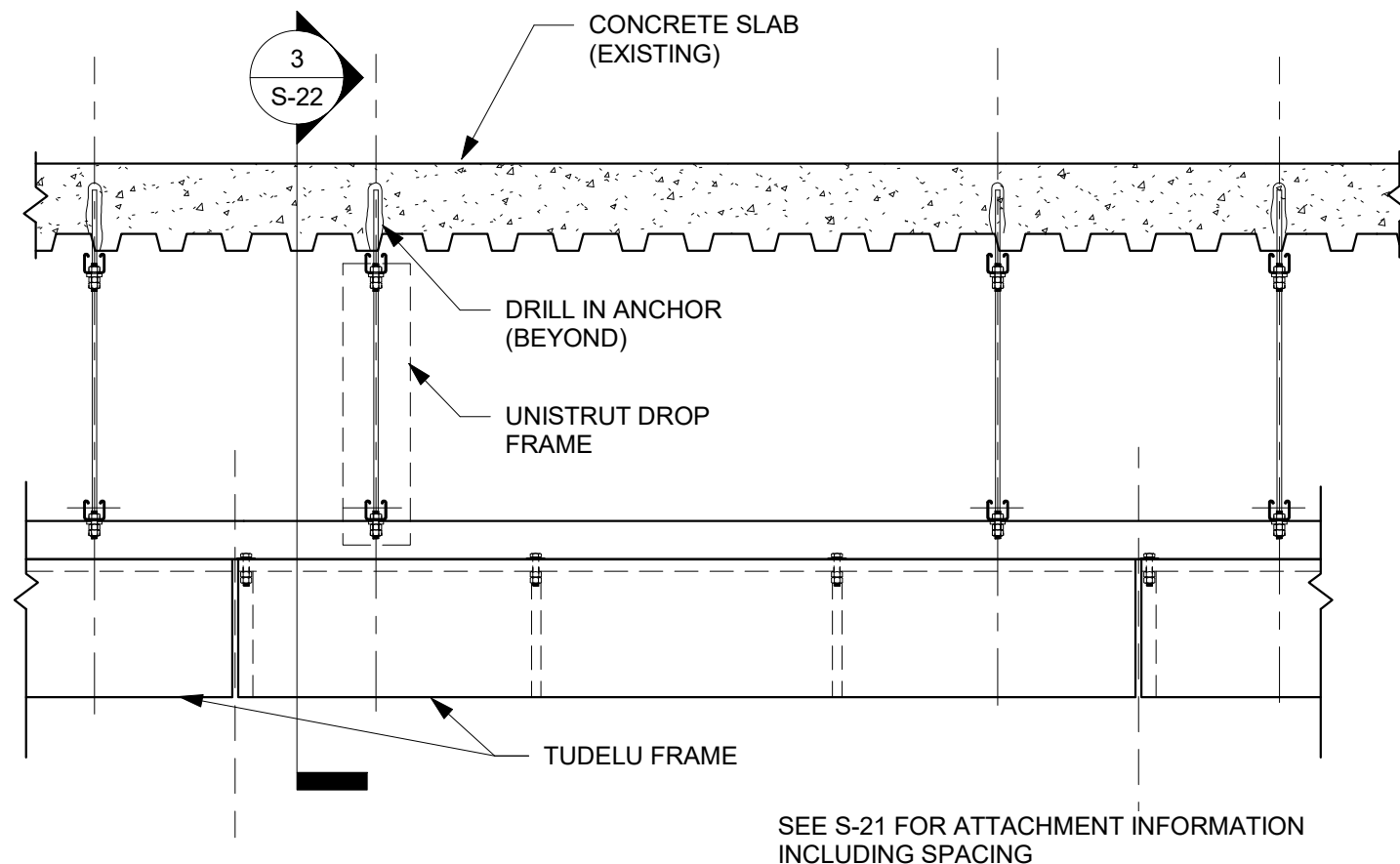
4 SECTION  
3" = 1'-0"



2 DETAIL - ANCHORAGE TO CONCRETE  
1 1/2" = 1'-0"



3 SECTION  
3/4" = 1'-0"



1 DROP FRAME - TUDELU PERPENDICULAR TO FLUTES OF CONCRETE SLAB ON MATAL DECK  
3/4" = 1'-0"

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Project  
**TUDELU MOVABLE PARTITION - PROPOSED STRUCTURAL SUPPORT SYSTEMS**

Sheet Title  
**DROP FRAME - CONCRETE**

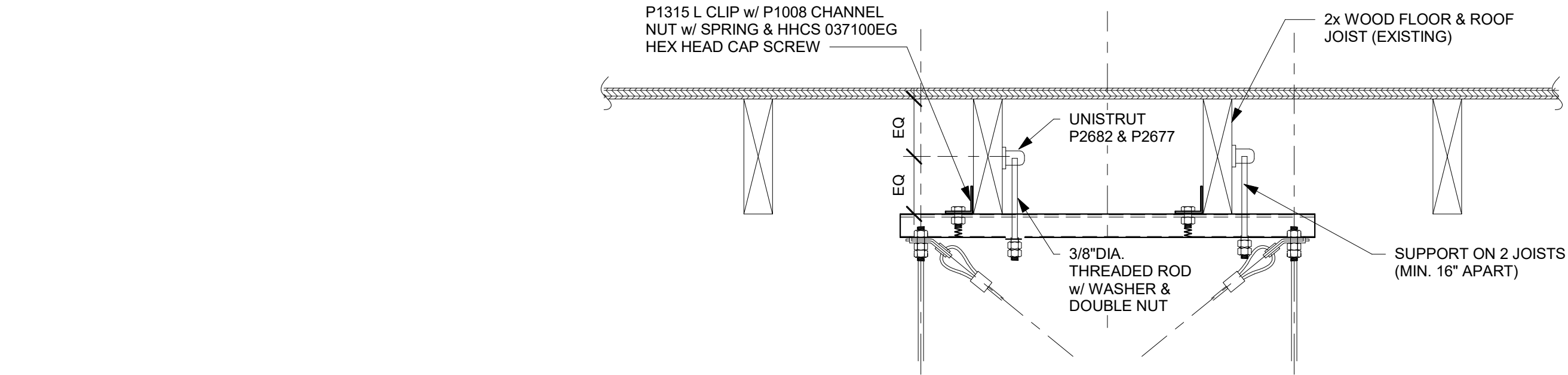
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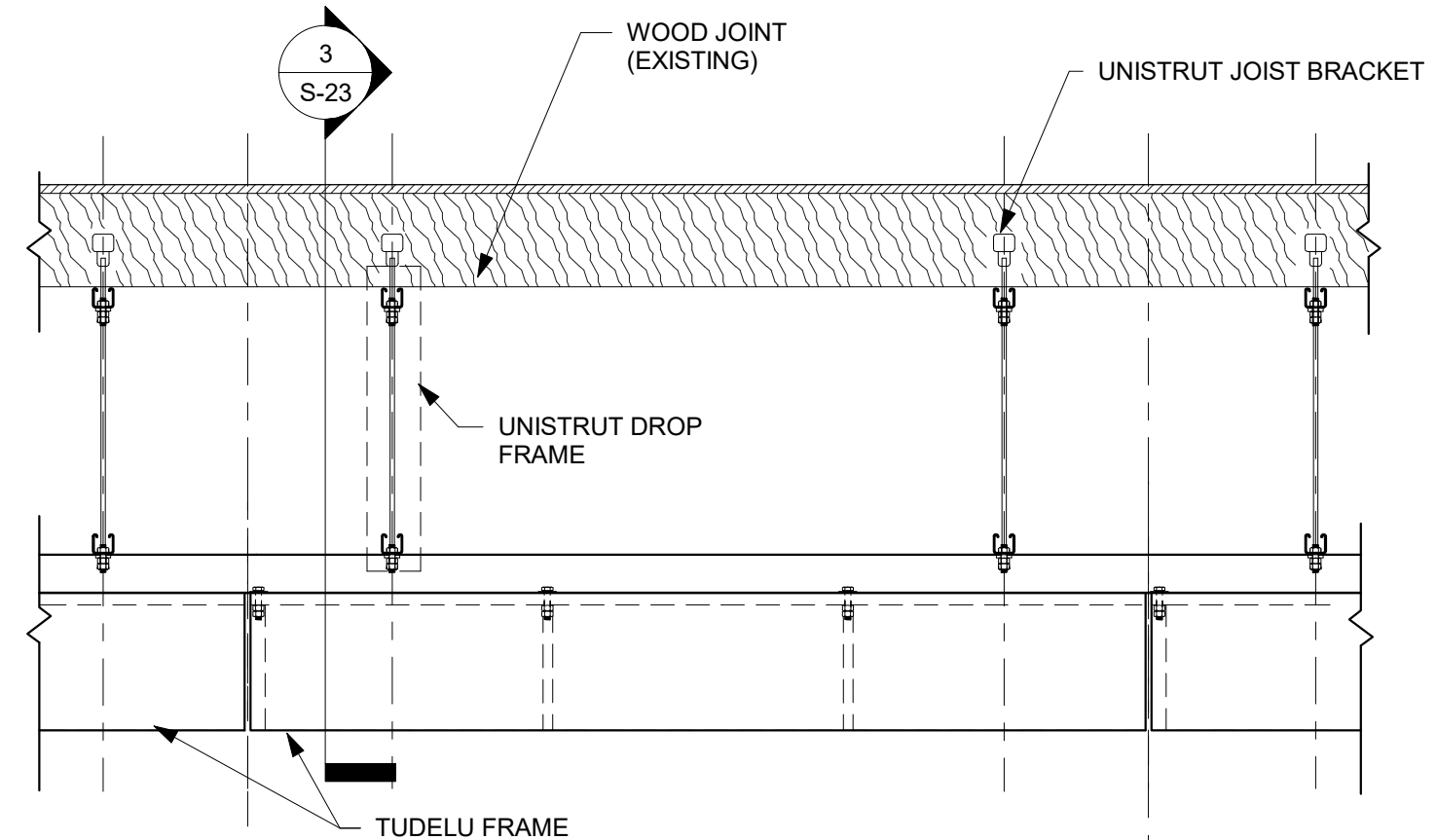
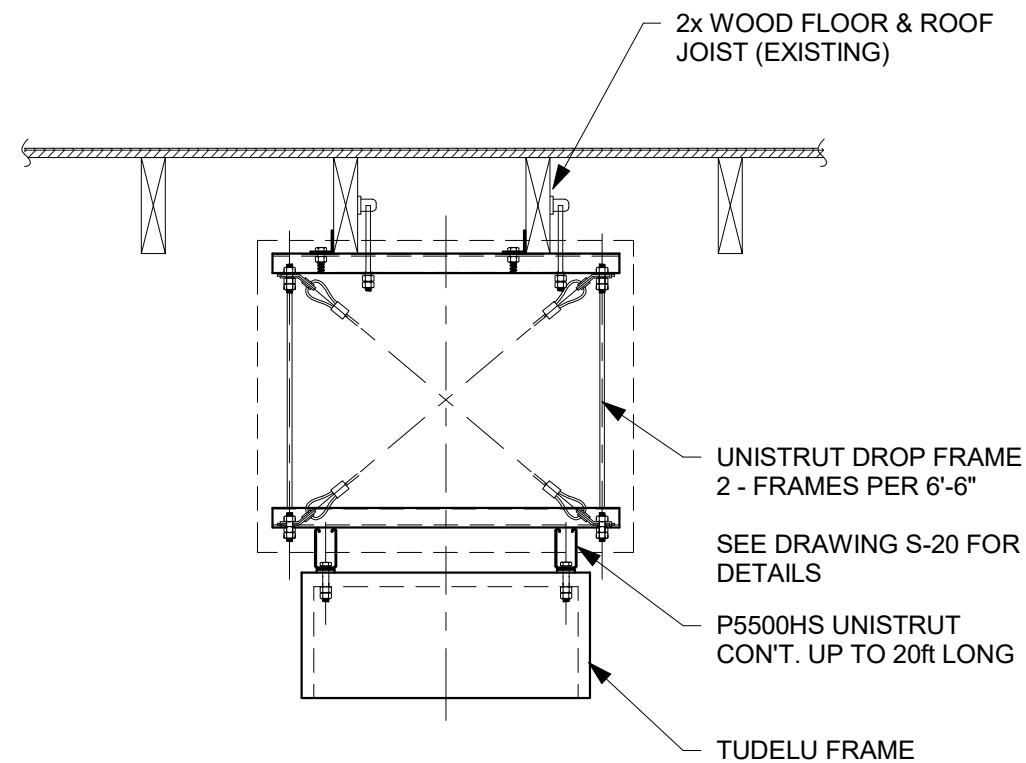
**S-22**

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DETAIL - THREADED ROD TO DROP FRAME

2 1 1/2" = 1'-0"



SEE S-21 FOR ATTACHMENT INFORMATION INCLUDING SPACING.

DROP FRAME - TUDELU PARALLEL TO WOOD JOISTS

1 3/4" = 1'-0"

3 SECTION 3/4" = 1'-0"

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Project  
**TUDELU MOVABLE PARTITION - PROPOSED STRUCTURAL SUPPORT SYSTEMS**

Sheet Title  
**DROP FRAME - WOOD PARALLEL**

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Project  
**TUDELÜ MOVABLE  
 PARTITION - PROPOSED  
 STRUCTURAL SUPPORT  
 SYSTEMS**

Sheet Title  
**DROP FRAME - WOOD  
 PERPENDICULAR**

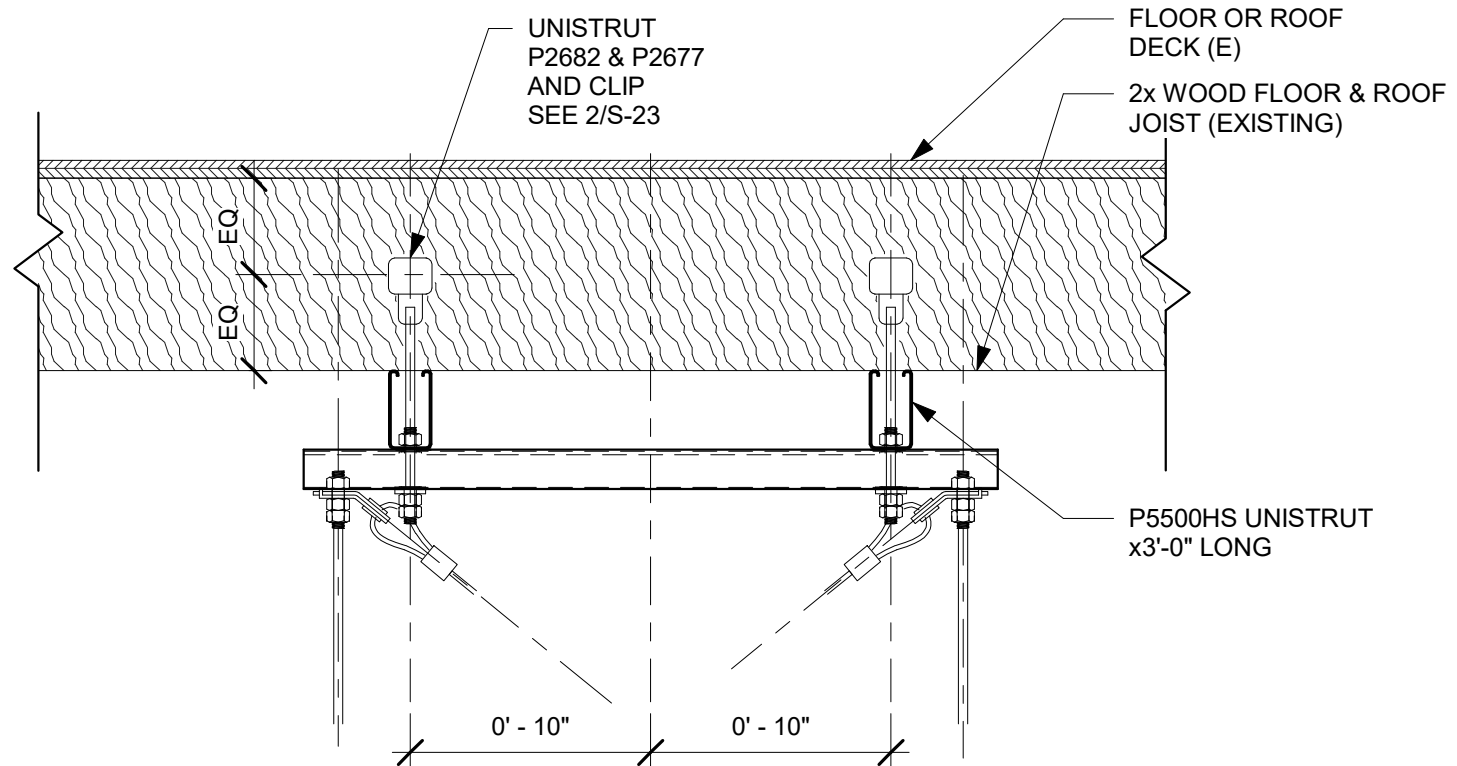
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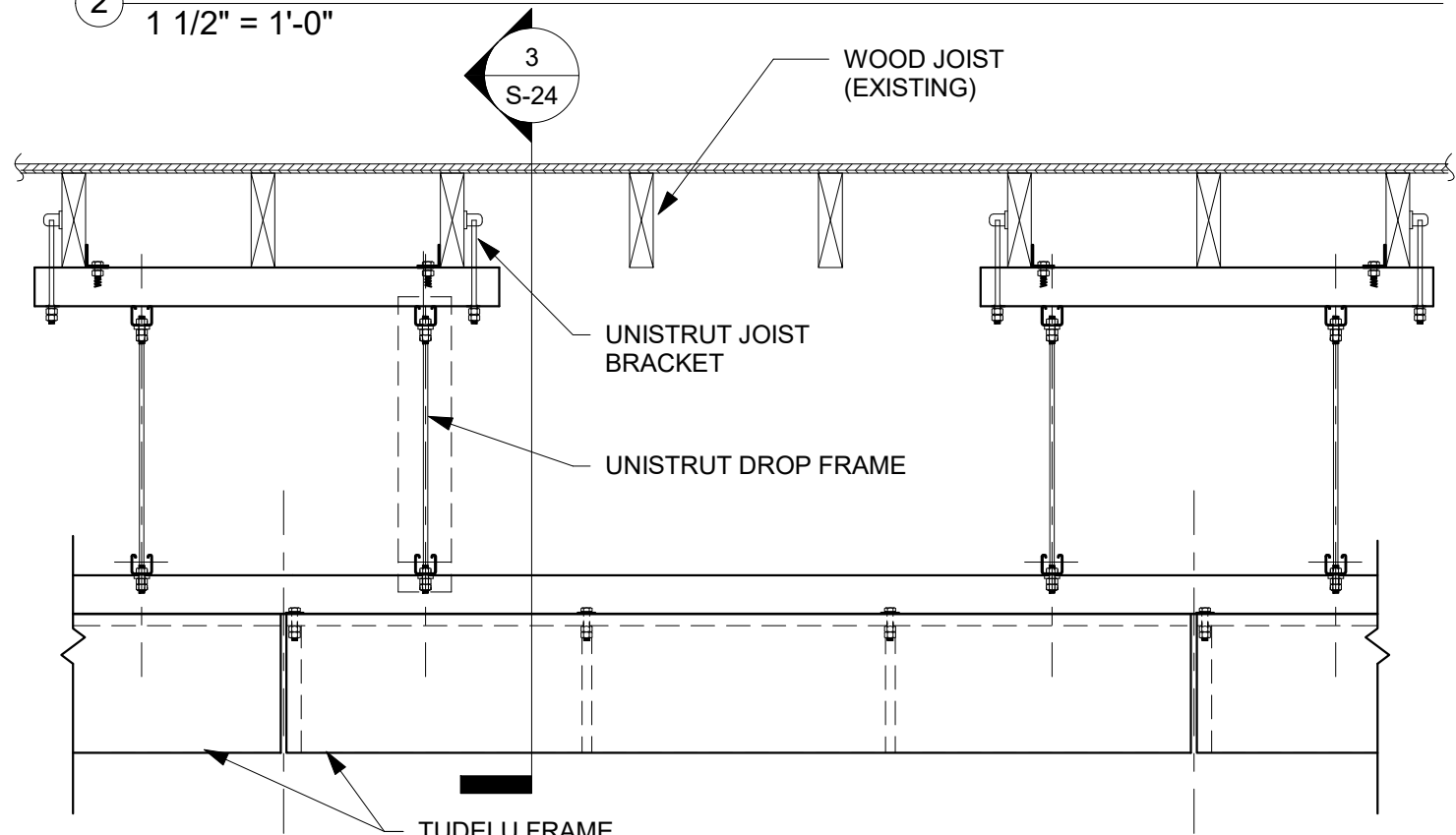
Sheet Number

**S-24**

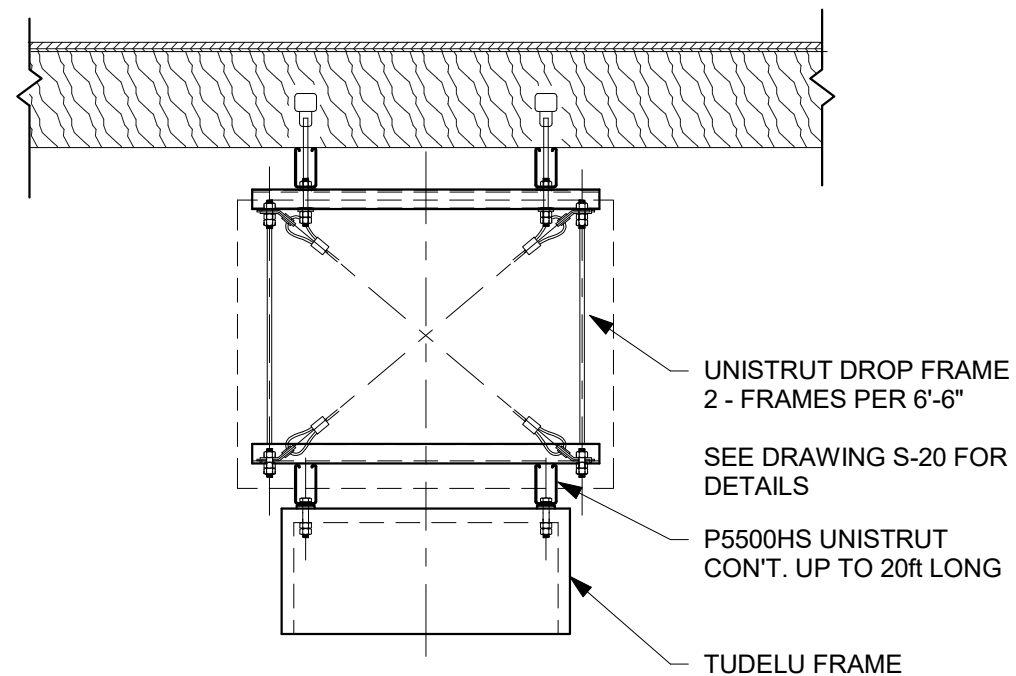
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**2 SECTION**  
 1 1/2" = 1'-0"



**1 DROP FRAME - TUDELÜ  
 PERPENDICULAR TO WOOD JOISTS**  
 3/4" = 1'-0"



**3 SECTION**  
 3/4" = 1'-0"