12" MAX MAIN TEE OVERHANG, TYP.

48" MAX MAIN TEE SPACING, TYP.

12" MAX BEAM OVERHANG, TYP.

SEE SHEET A1.1 FOR AVAILABLE BEAM SIZES

INTERIOR INSTALLATION

BEAM END CAP
SEE DETAIL A1.6

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

BEAM SPECIFICATIONS
SEE DETAIL A1.1

SUSPENSION SPECIFICATIONS
SEE DETAIL A1.2

PLENUM ACCESS
SEE DETAIL A1.7

FIGURE RECOMMENDATIONS
SEE DETAIL A1.8 & A1.9

HANGER BRACKET ASSEMBLY
SEE DETAIL A1.4

BEAM SPICE
SEE DETAIL A1.4

12 GA HANGER WIRE, BY OTHERS, NOT BY HUNTER DOUGLAS
SEE DETAIL A1.2

15/16" HEAVY DUTY CLASS MAIN TEE
PER ASTM C635, BY OTHERS, TYP.

2" HANGER BRACKET ASSEMBLY

2" X 6" TAVOLA PRIME BEAM*

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

TYPICAL SYSTEM SECTION
SCALE: 3" = 1'-0"
**BEAM SIZES**

BEAM SIZES ARE DIMENSIONED WIDTH X HEIGHT

*PROFILES ARE AVAILABLE IN 1/2" INCREMENTS, CONTACT HUNTER DOUGLAS FOR OTHER SIZES

**CERTAIN PROFILES MAY BE 2-PIECE FACTORY-ASSEMBLED BEAMS, CONTACT HUNTER DOUGLAS

***MAX LENGTHS MAY BE PROFILE-SPECIFIC, CONTACT HUNTER DOUGLAS

BEAM LENGTHS AVAILABLE IN ±1/8" INCREMENTS, MINIMUM QUANTITIES MAY APPLY

**BEAM MATERIAL**

.025", .032", .040" ALUMINUM

**BEAM FINISHES**

PAINTED & POWDER COATED

DECORATED WOOD FINISH (POWDER COATED)

WOOD VENEER (NON-PERFORATED ONLY)

**PERFORATIONS**

<table>
<thead>
<tr>
<th>PERFORATION</th>
<th>% OPEN</th>
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<tbody>
<tr>
<td>106</td>
<td>16.0%</td>
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<tr>
<td>115</td>
<td>12.0%</td>
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<tr>
<td>119</td>
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STANDARD PERFORATION BORDERS ARE 1/4" NOM.

PERFORATIONS ARE ONLY ON THE SIDES OF THE BEAM

**SPECIFICATIONS**

PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.1
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 2/11/18
SLOPED OR CURVED (SHOWN) 15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635, BY OTHERS, TYP.

INDEX MAIN TEE WITH FASTENER FROM BELOW, BY OTHERS, TYP. FASTENER WILL PREVENT PIVOT CLIP FROM SLIDING.

TYPICAL SECTIONS
SCALE: 3" = 1'-0"

INTERIOR INSTALLATION

48" MAX MAIN TEE SPACING, TYP.

12" MAX BEAM OVERHANG, TYP.

2" HANGER BRACKET/PIVOT ASSEMBLY
TWO (2) MIN #6 FASTENERS PER BEAM/HANGER BRACKET, BY OTHERS, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.

12 GA HANGER WIRE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.

INDEX MAIN TEE WITH FASTENER FROM BELOW, BY OTHERS, TYP.

2" HANGER BRACKET/PIVOT ASSEMBLY
TWO (2) MIN #6 FASTENERS PER BEAM/HANGER BRACKET, BY OTHERS, TYP.

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

NOTE: ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

SPECIFICATIONS
MATERIAL: .025" | .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
PERFORATION: NON-PERFORATED | #106 | #115 | #19

SUSPENSION SPECIFICATIONS - SLOPED OR CURVED
PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.3
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 2/11/18
LIFT HANGER BRACKET ASSEMBLY INTO POSITION ON MAIN TEE AND SQUEEZE SCISSOR CLIP ONTO MAIN TEE WEB.

FEED FIRST TAVOLA PRIME BEAM HALFWAY ONTO HANGER AND SECURE WITH TWO (2) MIN #6 FASTENERS (BY OTHERS).

REMOV LINER FROM DOUBLE-SIDED ADHESIVE ON BOTTOM SPLICE PLATE AND SECURE HALFWAY INTO FIRST TAVOLA PRIME BEAM.

FEED SECOND TAVOLA PRIME BEAM ONTO HANGER BRACKET ASSEMBLY AND BOTTOM PLATE. SECURE WITH TWO (2) MIN #6 FASTENERS.

NON-SPLICE LOCATIONS: ONLY TWO (2) FASTENERS (1 PER SIDE) ARE REQUIRED AND BOTTOM PLATE IS OMITTED.

CRITICAL: SCISSOR CLIP WILL NOT FUNCTION PROPERTY IF INSTALLED AT A CROSS TEE. SHIFT CROSS TEE LOCATIONS AS NECESSARY.

SPECIFICATIONS
(unless noted otherwise)

MATERIAL: .025" | .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
PERFORATION: NON-PERFORATED | #106 | #115 | #119

HANGER BRACKET ASSEMBLY INSTALLATION
PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.4
SCALE: NOT TO SCALE
DRAWN BY: HD ENGINEERING
DATE: 2/11/18
**VERTICAL SUPPORT OMITTED FOR CLARITY**

**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR**

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**PIVOT CLIP INSTALLATION**

**PROJECT:** TAVOLA PRIME PRODUCT SPECIFICATIONS

**DRAWING NUMBER:** TAVOLA-PRIME-A1.5

**SCALE:** NOT TO SCALE

**DRAWN BY:** HD ENGINEERING

**DATE:** 2/11/18

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**SPECIFICATIONS (unless noted otherwise)**

**MATERIAL:** .025" / .032" / .040" ALUMINUM

**FINISH:** PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER

**PERFORATION:** NON-PERFORATED | #106 | #115 | #119

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1. **AT SLOPED OR CURVED CONDITIONS, INDEX MAIN TEE WITH FASTENER FROM BELOW.**

2. **INSERT HANGER BRACKET/PIVOT ASSEMBLY ONTO MAIN TEE AND ROTATE TO ENGAGE TWIST CLIP.**

3. **FEED FIRST TAVOLA PRIME BEAM HALFWAY ONTO HANGER BRACKET AND SECURE WITH TWO (2) MIN #6 FASTENERS.**

4. **REMOVE LINER FROM DOUBLE-SIDED ADHESIVE ON BOTTOM SPLICE PLATE AND SECURE HALFWAY INTO FIRST TAVOLA PRIME BEAM.**

5. **FEED SECOND TAVOLA PRIME BEAM ONTO HANGER BRACKET ASSEMBLY AND BOTTOM PLATE AND SECURE WITH TWO (2) MIN #6 FASTENERS.**

6. **ENSURE TAVOLA BEAM IS PLUMB AND TIGHTEN 1/4"-20 NYLOCK NUT.**

**NON-SPICE LOCATIONS:** ONLY TWO (2) FASTENERS (1 PER SIDE) ARE REQUIRED AND BOTTOM PLATE IS OMITTED.

---

**SCALE:** NOT TO SCALE

**DRAWN BY:** HD ENGINEERING

**DATE:** 2/11/18
**INTEGRAL METAL END CAP**
PAINTED & POWDER COATED FINISHES
END CAP IS FACTORY-FORMED AND FACTORY-POP-RIVETED

**METAL END CAP**
PAINTED, POWDER COATED, & DECORATED WOOD FINISHES

1. INSERT END CAP ONTO BEAM END AND ENSURE CAP INSERT GOES INSIDE OF BEAM
2. SECURE END CAP WITH TWO (2) MIN #6 FASTENERS

**WOOD END CAP**
VENEER FINISH

1. APPLY CONSTRUCTION ADHESIVE TO BOTTOM OF END CAP AS NEEDED
2. INSERT END CAP INTO BEAM END AND ENSURE CAP INSERT GOES INSIDE OF BEAM
3. SECURE END CAP WITH TWO (2) MIN #6 FASTENERS

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**SPECIFICATIONS**

- **MATERIAL:** .025” | .032” | .040” ALUMINUM
- **FINISH:** PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
- **PERFORATION:** NON-PERFORATED | #106 | #115 | #119

**END CAP SPECIFICATIONS**

- **PROJECT:** TAVOLA PRIME PRODUCT SPECIFICATIONS
- **DRAWING NUMBER:** TAVOLA-PRIME-A1.6
- **SCALE:** NOT TO SCALE
- **DRAWN BY:** HD ENGINEERING
- **DATE:** 2/11/18

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*2" X 6" BEAM SHOWN, ALL SIZES SIMILAR*
ACCESSIBLE TAVOLA PRIME BEAMS MUST HAVE MIN TWO (2) HANGER BRACKET ASSEMBLIES, TYP.

15/16" CROSS TEE

FIELD CUT BEAMS TO CREATE ACCESS AREAS. USE END CAPS AT FIELD CUT ENDS AND CREATE 1/2" GAP BETWEEN END CAPS.

SQUEEZE SCISSOR CLIP TO RELEASE BEAM ASSEMBLY FROM MAIN TEE (USE CHANNEL LOCKS IF NEEDED)

FIELD CUT 6" MAX, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635

*VERTICAL SUPPORT OMITTED FOR CLARITY
**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR

SPECIFICATIONS (unless noted otherwise)
MATERIAL: .025" | .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
PERFORATION: NON-PERFORATED | #106 | #115 | #119

PLENUM ACCESS
PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.7
SCALE: NOT TO SCALE
DRAWN BY: HD ENGINEERING
DATE: 2/11/18
TYPICAL ISOMETRIC
SCALE: NOT TO SCALE

47-1/16" CLEAR BETWEEN MAIN TEES (ABOVE BEAMS)
48" MAX MAIN TEE SPACING, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635
15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE

4" CLEAR BASED ON 6" BEAM SPACING, ACTUAL CAN VARY, TYP.

SECTION 'A'
SCALE: 3" = 1'-0"

3" x 48" FIXTURE SHOWN, ALL SIZES SIMILAR

4" CLEAR BASED ON 6" BEAM SPACING, ACTUAL CAN VARY, TYP.

SECTION 'B'
SCALE: 3" = 1'-0"

3" x 48" FIXTURE SHOWN, ALL SIZES SIMILAR

TYPICAL FIXTURE
PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.8
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 2/11/18
**2" X 6" BEAM SHOWN, ALL SIZES SIMILAR**

48" MAX MAIN TEE SPACING, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635*

FIELD CUT BEAMS AT FIXTURE, TYP.

ADD MAIN TEES (AND HANGER WIRE) AS REQUIRED TO MAINTAIN 12" MAX BEAM OVERHANG, TYP.

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT TERMINATIONS, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FIELD CUT BEAM FOR TYPICAL FIXTURE

PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS

DRAWING NUMBER: TAVOLA-PRIME-A1.9

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 2/11/18

**SPECIFICATIONS**

(Unless noted otherwise)

MATERIAL: .025" | .032" | .040" ALUMINUM

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER

PERFORATION: NON-PERFORATED | #106 | #115 | #119

TYPICAL ISOMETRIC

SCALE: NOT TO SCALE

6" BEAM SPACING SHOWN, ACTUAL CAN VARY, TYP.

TAVOLA PRIME BEAM**

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE

2" X 6" TAVOLA PRIME BEAM**

ADD MAIN TEES (AND HANGER WIRE) AS REQUIRED TO MAINTAIN 12" MAX BEAM OVERHANG, TYP.

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT TERMINATIONS, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FIELD CUT BEAM AT FIXTURE, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

ADD END CAPS AT BEAM TERMINATIONS, TYP.

FIELD CUT BEAMS AT TERMINATIONS, TYP.

12" DIA. FIXTURE SHOWN, BY OTHERS, ALL SHAPES SIMILAR

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

12 GA HANGER WIRE BY OTHERS, TYP.
1. Feed top corner bracket assembly into factory-mitered beam and align POP rivet holes.
2. Secure top corner bracket assembly with four (4) 1/8" POP rivets.
3. Use double-sided adhesive to secure bottom corner bracket into beam.
4. Feed second beam into brackets and secure with four (4) 1/8" POP rivets.
5. Lift corner assembly into position and on main tee and squeeze scissor clip onto main tee web.

8" beam spacing shown, actual can vary, typ.

15/16" heavy duty class main tee per ASTM C635

6" beam spacing shown, actual can vary, typ.

*Vertical support omitted for clarity

**2" x 6" beam shown, all sizes similar

**2" x 6" TAVOLA beams**
LATERAL BRACING:

BRACE WITH HANGER WIRES AND STRUTS PER ASTM E-580 AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.

(4) #12 GAUGE WIRES SPLAYED 90° FROM EACH OTHER AT ANGLE NOT EXCEEDING 45° FROM PLANE OF CEILING. A STRUT FASTENED TO MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO STRUCTURE ABOVE. SPLAYED WIRE AND STRUT BRACING TO BE PLACED NOT MORE THAN 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL.

INTERIOR INSTALLATION

1/2" X 1-1/2" 16 GA CRC BY OTHERS

SPLAYED 12 GA HANGER WIRE, BY OTHERS, TYP.

BAC CLIP SECURED WITH FOUR (4) #8 X 1/2" HEX HEAD SELF-DRILLING SCREWS, BY OTHERS, TYP.

2" X 6" TAVOLA PRIME BEAM SHOWN, ALL SIZES SIMILAR

TYPICAL SECTION AT MAIN TEE
SCALE: FULL

LATERAL BRACING: BRACE WITH HANGER WIRES AND STRUTS PER ASTM E-580 AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.

(4) #12 GAUGE WIRES SPLAYED 90° FROM EACH OTHER AT ANGLE NOT EXCEEDING 45° FROM PLANE OF CEILING. A STRUT FASTENED TO MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO STRUCTURE ABOVE. SPLAYED WIRE AND STRUT BRACING TO BE PLACED NOT MORE THAN 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL.

SPECIFICATIONS

MATERIAL: .025" | .032" | .040" ALUMINUM
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
PERFORATION: NON-PERFORATED | #106 | #115 | #119

SEISMIC SPECIFICATIONS

PROJECT: TAVOLA PRIME PRODUCT SPECIFICATIONS
DRAWING NUMBER: TAVOLA-PRIME-A1.11
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 2/11/18