MATERIAL:  
- EXTRUDED ALUMINUM

FINISH:  
- B12 WHITE

NOTES:  
- REGIMENTATION AT O/C
- THROUGH SLOTS AT O/C
- C/W UNIVERSAL ASSEMBLY CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:  SPEC. SYMBOL:

UNITEE  
4667 / 4787 CROSS TEE

230582  DEC 1999

(C) Copyright E.H.Price Limited 1999
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE

NOTES:
- REGIMENTATION AT  O/C
- c/w UNIVERSAL ASSEMBLY CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:  SPEC. SYMBOL:

UNITEE  230583  JULY 2004

4683, 4818, 4823 CROSS TEE

REV A

© Copyright E.H.PRICE LIMITED 2004
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE POWDER COAT

NOTES:
- REGIMENTATION AT 0/C
- c/w UNIVERSAL ASSEMBLY CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2010/11/29

SPEC. SYMBOL: 230584

UNITEE CR
4806, 4730, 4732
CROSS TEE
MATERIAL:
• EXTRUDED ALUMINUM

FINISH:
• B12 WHITE POWDER COAT

NOTES:
• REGIMENTATION AT 0/C
• c/w BUTT CONNECTOR CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE

NOTES:
- REGIMENTATION AT O/C
- THROUGH SLOTS AT O/C
- c/w BUTT CONNECTOR CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:  
CUSTOMER:  
SUBMITTAL DATE:  
SPEC. SYMBOL:  

UNITEE  
4667 / 4787  
MAIN TEE

230587  
DEC 1999  
REV 0
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE

NOTES:
- REGIMENTATION AT # O/C
- c/w BUTT CONNECTOR CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERSED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
LEFT END CONDITION | RIGHT END CONDITION
---|---
• BUTT END | • BUTT END
• MITRE R | • MITRE L
• MITRE L | • MITRE R

**MATERIAL:**
• EXTRUDED ALUMINUM

**FINISH:**
• B12 WHITE POWDER COAT

**NOTES:**
• c/w BUTT CONNECTOR CLIPS IF REQUIRED
• MITRES ARE 45° UNLESS OTHERWISE SPECIFIED
• c/w 90° ANGLE UNLESS OTHERWISE SPECIFIED
• REGIMENTATION AT O/C

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

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REV B
Submittal Sheet

LEFT END CONDITION | RIGHT END CONDITION
-------------------|-------------------
☐ BUTT END | ☐ BUTT END
☐ MITRE R | ☐ MITRE L
☐ MITRE L | ☐ MITRE R

MATERIAL:
• EXTRUDED ALUMINUM

FINISH:
• B12 WHITE

NOTES:
• c/w BUTT CONNECTOR CLIPS IF REQUIRED
• MITRES ARE 45° UNLESS OTHERWISE SPECIFIED
• c/w 90° ANGLE UNLESS OTHERWISE SPECIFIED
• REGIMENTATION AT O/C

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER: 
CUSTOMER: 230591
SUBMITTAL DATE: JULY 2004

SPEC. SYMBOL: UNITEE
4683, 4818, 4823
PERIMETER TEE

REV A
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE POWDER COAT

NOTES:
- c/w BUTT CONNECTOR CLIPS IF REQUIRED
- MITRES ARE 45° UNLESS OTHERWISE SPECIFIED
- c/w 90° ANGLE UNLESS OTHERWISE SPECIFIED
- REGIMENTATION AT O/C

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERSIONS. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
MATERIAL:
- EXTRUDED ALUMINUM

FINISH:
- B12 WHITE

NOTES:
- c/w BUTT CONNECTOR CLIPS IF REQUIRED
- MITRES ARE 45° UNLESS OTHERWISE SPECIFIED
- c/w 90° ANGLE UNLESS OTHERWISE SPECIFIED
- REGIMENTATION AT ______O/C

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

© Copyright E.H.PRICE LIMITED 1999
**MATERIAL:**
- EXTRUDED ALUMINUM

**FINISH:**
- B12 WHITE

**NOTES:**
- REGIMENTATION AT □ O/C
- THROUGH SLOTS AT □ O/C
- c/w UNIVERSAL ASSEMBLY CLIPS
- c/w 90° ANGLE
- c/w BUTT CONNECTOR CLIP

**PROJECT:**

<table>
<thead>
<tr>
<th>LEFT END CONDITION</th>
<th>RIGHT END CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ BUTT END</td>
<td>BUTT END</td>
</tr>
<tr>
<td>□ MITRE R</td>
<td>MITRE L</td>
</tr>
<tr>
<td>□ MITRE L</td>
<td>MITRE R</td>
</tr>
<tr>
<td>□ STANDARD L</td>
<td>STANDARD R</td>
</tr>
<tr>
<td>□ SPECIAL L</td>
<td>SPECIAL R</td>
</tr>
</tbody>
</table>

NOMINAL LENGTH =

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

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© Copyright E.H.PRICE LIMITED 1999

**UNITEE**

4667 / 4787

CUSTOM TEE

DEC 1999

REV 0
**LEFT END CONDITION**

- BUTT END
- MITRE R
- MITRE L
- STANDARD L
- SPECIAL L

**RIGHT END CONDITION**

- BUTT END
- MITRE L
- MITRE R
- STANDARD R
- SPECIAL R

**MATERIAL:**
- EXTRUDED ALUMINUM

**FINISH:**
- B12 WHITE POWDER COAT

**NOTES:**
- REGIMENTATION AT 0/C
- c/w UNIVERSAL ASSEMBLY CLIPS
- c/w 90° ANGLE
- c/w BUTT CONNECTOR CLIP

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND Rounded TO THE NEAREST MILLIMETER.

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:** 2010/11/29

**SPEC. SYMBOL:**

230597

**UNITEE CR**

4730, 4732, 4806

CUSTOM TEE

REV B

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### LEFT END CONDITION
- BUTT END
- MITRE R
- MITRE L
- STANDARD L
- SPECIAL L

### RIGHT END CONDITION
- BUTT END
- MITRE L
- MITRE R
- STANDARD R
- SPECIAL R

**MATERIAL:**
- EXTRUDED ALUMINUM

**FINISH:**
- B12 WHITE POWDER COAT

**NOTES:**
- REGIMENTATION AT O/C
- THROUGH SLOTS AT O/C
- c/w UNIVERAL ASSEMBLY CLIPS
- c/w 90° ANGLE
- c/w BUTT CONNECTOR CLIP

**NOMINAL LENGTH =**

---

**PROJECT:**

---

**ENGINEER:**

---

**CUSTOMER:**

---

**SUBMITTAL DATE:**

---

**SPEC. SYMBOL:**

---

**UNITEE CR**

---

**4726**

---

**CUSTOM TEE**

---

**R V**

---

**230598**

---

**2010/11/29**

---
MATERIAL:
• EXTRUDED ALUMINUM

FINISH:
• B12 WHITE

NOTES:
• REGIMENTATION AT O/C
• c/w UNIVERSAL ASSEMBLY CLIPS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

© Copyright E.H.PRIICE LIMITED 2004
MATERIAL:
• EXTRUDED ALUMINUM
FINISH:
• B12 WHITE POWDER COAT
NOTES:
• REGIMENTATION AT 0/C
• c/w UNIVERSAL ASSEMBLY CLIPS

ALL METRIC DIMENSIONS (.) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: UNITEE CR
4730/4732/4806 BASKET WEAVE

ENGINEER:
CUSTOMER: 230602
SUBMITTAL DATE: 2010/11/29
SPEC. SYMBOL:

REV B
MATERIAL:
• EXTRUDED ALUMINUM

FINISH:
• B12 WHITE POWDER COAT

NOTES:
• C/W 90° ANGLE

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2010/11/29

SPEC. SYMBOL: 230603

REV C
HEAVY DUTY WELDED CEILING SYSTEM
SAMPLE REFLECTED CEILING PLAN

CEILING OPENING = C TO C + .750 (219.000)

EQUIPMENT/LIGHT BOOM PROVIDED AND INSTALLED BY OTHERS, NO ACCESS THROUGH THESE PANELS

CEILINGS SHIPPED IN FACTORY WELDED SECTIONS NO LARGER THAN 10' x 5' TO BE FASTENED IN FIELD BY OTHERS

CENTER TO CENTER DIMENSION

HDCR AREA = 221 sq. ft.

DIFFUSER
48 x 24 (x 13)

LIGHT FIXTURES
48 x 24 (x 12)

ACCESS PANELS
24 x 24 (x 4)

- FINISH OPTIONS:
  - B12 POWDER COAT WHITE
  - AC ANODIZED CLEAR

- PANEL CUTOUTS FOR BOOMS DONE IN FIELD BY OTHERS

- THE CEILING IS FACTORY PREMANUFACTURED TO SIZES AND TOLERANCE +/- .032"

- SITE ADJUSTMENTS TO PERIMETER SOFFITS AND/OR DRYWALL MAY BE REQUIRED AND ARE THE RESPONSIBILITY OF THE INSTALLER

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER: DK

CUSTOMER: 261082

SUBMITTAL DATE: 06/04/2015

REVISION: C

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HDCR SECTION VIEW

- Equipment/Light Boom provided and installed by others
- Ductwork by others
- Laminar Flow Diffuser

- Hanger wire to be provided by others and installed per ASTM C636
- Cutouts in access panel for boom mounting done in field by others

NOTES:

- Ceiling height

1. Ceiling cross section

All metric dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeters.

PROJECT:

ENGINEER: D K

CUSTOMER: 261082

SUBMITTAL DATE: 06/04/2015

REVISION: C

HDCR: Heavy Duty Welded Ceiling System

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HDCR SECTION VIEWS

CLOSED CELL POLYETHYLENE GASKET (.031" x .750" THICK UNCOMPRESSED) APPLIED BETWEEN TEES IN FIELD

FASTENING DONE IN FIELD WITH SELF-TAPPING SCREWS #8 x .500 MAX PROVIDED BY OTHERS

HALF TEE

ALLOW .375 GAP AROUND CEILING PERIMETER

FASTENING DONE IN FIELD WITH SELF-TAPPING SCREWS #8 x .500 MAX PROVIDED BY OTHERS

HALF TEE OF CEILING SECTION

HALF TEE WALL MOLD

PERIMETER WALL

PERIMETER WALL TO WALL DETAIL

FULL TEE

TEE BARS FACTORY PRE-Punched EVERY 6" ON CENTER FOR HANGER WIRES (SUPPLIED BY OTHERS)

PERIMETER SHEETROCK SOFFIT BY OTHERS

CLOSED CELL POLYETHYLENE GASKET (.125" x .500" UNCOMPRESSED) SHIPPED LOOSE AND FIELD APPLIED ON ALL TEES

FULL TEE PERIMETER SHEETROCK SOFFIT DETAIL

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: DK

ENGINEER: HDCR

CUSTOMER: HEAVY DUTY WELDED CEILING SYSTEM

SUBMITTAL DATE: 261082

REVISION: C 06/04/2015

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HDCR MODULE DETAIL

SECTION 1 - DETAIL VIEW

DETAIL A

DETAIL B

DETAIL C

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 06/04/2015

REVISION: C

261082

HDCR
HEAVY DUTY
WELDED
CEILING SYSTEM

DK

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ACCESS PANEL
SC - SOLID CORE

PANEL MATERIAL / FINISH OPTIONS:
- B12 POWDER COAT WHITE ALUMINUM
- AC ANODIZED CLEAR ALUMINUM
- #4 STAINLESS STEEL
- B25 CUSTOM FINISH

NOTES:
- SOLID CORE, UNPERFORATED
- FACTORY TOLERANCE +/- 1/32"

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER: D K

CUSTOMER: 261082

SUBMITTAL DATE: 06/04/2015

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ACCESS PANEL
SCE - SOLID CORE WITH EXTRUDED FRAME

PANEL MATERIAL / FINISH OPTIONS:
- B12 POWDER COAT WHITE ALUMINUM
- AC ANODIZED CLEAR ALUMINUM
- #4 STAINLESS STEEL
- B25 CUSTOM FINISH

NOTES:
- SOLID CORE WITH EXTRUDED PERIMETER FRAME
- FACTORY TOLERANCE +/- 1/32 "

ACCESS PANEL CLIP

HDCR GRID

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: D K

ENGINEER: HDCR

CUSTOMER: HEAVY DUTY WELDED CEILING SYSTEM

SUBMITTAL DATE: 06/04/2015

REVISION: C

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ACCESS PANEL
PCE - PERFORATED FACE WITH EXTRUDED FRAME

**PANEL MATERIAL / FINISH OPTIONS:**
- B12 POWDER COAT WHITE ALUMINUM
- AC ANODIZED CLEAR ALUMINUM
- #4 STAINLESS STEEL
- B25 CUSTOM FINISH

**PERFORATION OPTIONS:**
- 13% FREE AREA (TO MATCH LFD, LFD3)
- 51% FREE AREA (TO MATCH LFDC)

**NOTES:**
- PERFORATED CORE WITH SOLID BACK PANEL AND EXTRUDED PERIMETER FRAME
- FACTORY TOLERANCE +/- 1/32"
HEAVY DUTY CLEANROOM CEILING SYSTEM
INTEGRATED PLENUM

STANDARD CONSTRUCTION
• 14 GA (.064 THICK) ALUMINUM PLENUM
• ADJUSTABLE DAMPER - ACCESSIBLE ROOM SIDE BY REMOVING THE DIFFUSER FACE FIRST
• DIFFUSER FACE SECURED WITH QUICK RELEASE [1/4 TURN] FASTENERS
• STAINLESS STEEL RETAINER CABLES, 2 PER SECTION

FINISH OPTIONS
☐ B12 WHITE POWDERCOAT STANDARD FINISH
☐ AC ANODIZED CLEAR FINISH

INSTALLATION NOTES
• LARGER PLENUMS ARE SUPPLIED IN MULTIPLE SECTIONS FOR FIELD ASSEMBLY (SEE PAGE 2)
• PLENUM INSTALLATION AND MOUNTING IS THE RESPONSIBILITY OF THE INSTALLER.
• RECOMMENDED SCREW SPECIFICATIONS: #8 THREAD, LENGTH NO LONGER THAN 1/2"

NOTE: REQUEST CUSTOMIZED SUBMITTAL TO SUIT JOB SPECIFIC CONFIGURATION

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: HDSCR-PL
HEAVY DUTY CLEANROOM CEILING SYSTEM INTEGRATED PLENUM

ENGINEER: D K
CUSTOMER: 248726

SUBMITTAL DATE: SPEC. SYMBOL: 2015/06/02
HEAVY DUTY CLEANROOM CEILING SYSTEM
INTEGRATED PLENUM

NOTES:
• PLENUMS WILL SHIP IN MAXIMUM DIMENSIONS OF 121.250" x 48.500"
• PLENUM CONNECTIONS DONE IN FIELD BY OTHERS WITH FACTORY PROVIDED HARDWARE AND TO BE SEALED IN FIELD BY OTHERS WITH FACTORY PROVIDED SILICONE

ASSEMBLY EXAMPLE:

EXAMPLE OF INLET OPTIONS

OPENING CUTOUT FOR AIR TO PASS BETWEEN PLENUMS

OVERALL SIZE

DETAIL C
BOLTED JOINT ASSEMBLY

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:

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