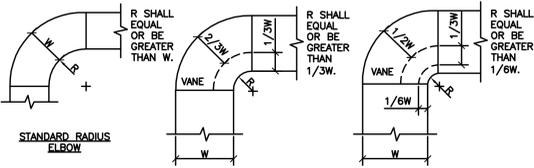
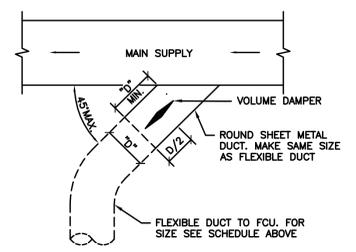
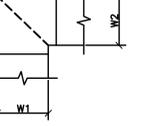
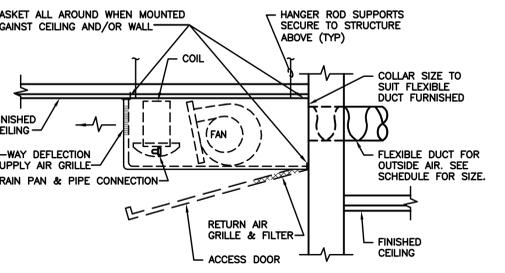
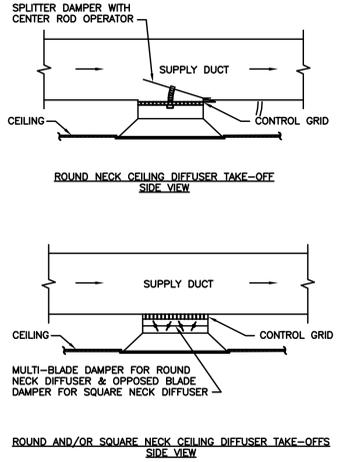
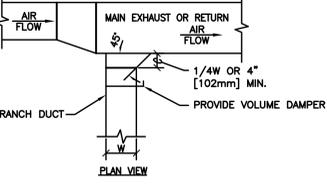
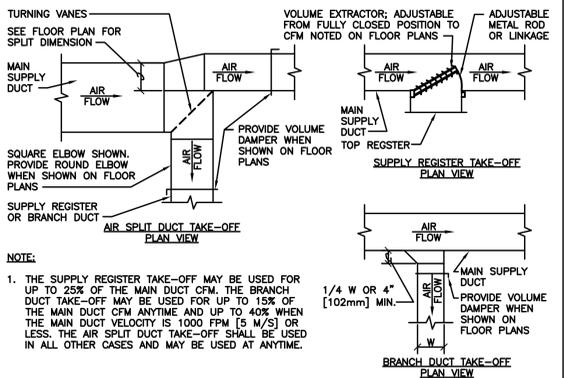
 <p>FLEXIBLE DUCT CONNECTION FOR AIR TERMINAL UNITS No Scale VA CAD DETAIL: 15840-30</p> <p>7</p> <p>NOTE:</p> <ol style="list-style-type: none"> FLEXIBLE DUCT CONNECTION OF 3'-0" [914mm] MAXIMUM LENGTH SHALL BE PROVIDED FOR AIR TERMINAL UNIT INLET DUCT CONNECTION. FLEXIBLE DUCT CONNECTION (WHEN USED) FROM TERMINAL UNIT SUPPLY AIR DUCT TO DIFFUSER SHALL NOT EXCEED 5'-0" [1524mm]. BENDS SHALL BE MADE WITH NOT LESS THAN ONE DUCT DIAMETER CENTER LINE RADIUS. USE SOUND ATTENUATOR ONLY IF REQUIRED TO MEET DESIGN ROOM NC LEVEL. 	 <p>DUCTWORK RADIUS ELBOWS No Scale VA CAD DETAIL: 15840-10</p> <p>5</p> <p>NOTE:</p> <ol style="list-style-type: none"> THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND. ALL STANDARD RADIUS ELBOWS SHOWN ON FLOOR PLANS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMAGNA. 	 <p>SUPPLY BRANCH DUCT FOR FAN COIL UNITS No Scale VA CAD DETAIL: 15840-8</p> <p>3</p> <p>NOTE:</p> <ol style="list-style-type: none"> ALL VANED ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMAGNA. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE VANE TYPE REGARDLESS OF W DIMENSION. ALL SINGLE VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE. 	 <p>DUCTWORK SQUARE VANED ELBOWS No Scale VA CAD DETAIL: 15840-5</p> <p>1</p>
 <p>EXPOSED HORIZONTAL FAN COIL UNIT WITH OUTSIDE AIR MOUNTING DETAIL No Scale VA CAD DETAIL: 15740-7</p> <p>8</p> <p>NOTE: UNLESS OTHERWISE NOTED, ALL UNITS SHALL BE MOUNTED AGAINST FINISHED CEILING.</p>	 <p>CEILING DIFFUSER DUCTWORK TAKE-OFFS No Scale VA CAD DETAIL: 15840-15</p> <p>6</p>	 <p>EXHAUST OR RETURN BRANCH DUCTWORK No Scale VA CAD DETAIL: 15840-9</p> <p>4</p>	 <p>SUPPLY DUCTWORK TAKE-OFFS No Scale VA CAD DETAIL: 15840-7</p> <p>2</p> <p>NOTE:</p> <ol style="list-style-type: none"> THE SUPPLY REGISTER TAKE-OFF MAY BE USED FOR UP TO 25% OF THE MAIN DUCT CFM. THE BRANCH DUCT TAKE-OFF MAY BE USED FOR UP TO 15% OF THE MAIN DUCT CFM ANYTIME AND UP TO 40% WHEN THE MAIN DUCT VELOCITY IS 1000 FPM [5 M/S] OR LESS. THE AIR SPLIT DUCT TAKE-OFF SHALL BE USED IN ALL OTHER CASES AND MAY BE USED AT ANYTIME.

CONSULTANTS



255 S. Orange Avenue
Suite 1800
Orlando, Florida 32801
Phone: 407-841-9050
Fax: 407-843-5445
www.tlc-engineers.com
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EB #0000015 TLC NO:108302

ARCHITECT/ ENGINEERS:



HELLMUTH, OBATA & KASSABAUM, INC.

ARCHITECTURE, ENGINEERING, PLANNING,
INTERIORS, GRAPHICS, CONSULTING
One Tampa City Center, Suite 1900, Tampa, FL 33602
Voice: (813) 229-0300
Fax: (813) 223-7118
Internet: <http://www.hok.com>
FL Reg. AAC001130
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Drawing Title:
DETAILS
HVAC

Approved: Checker

Project Title
Lee County Outpatient Clinic

Client Location
Cape Coral, Florida

Date
06/15/09

Checked:
MPS

Drawn:
ESC

Project Number
516CA2400

Building Number

Drawing Number:

H505

Office of Construction and Facilities Management

