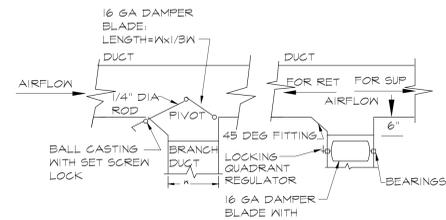


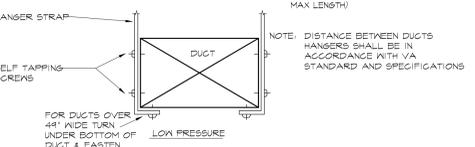
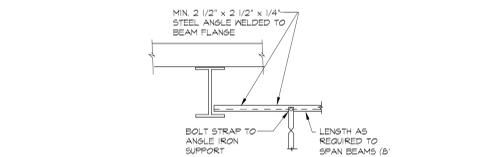
IF THIS SHEET IS NOT 30" x 42" FULL SIZE, USE GRAPHIC SCALES



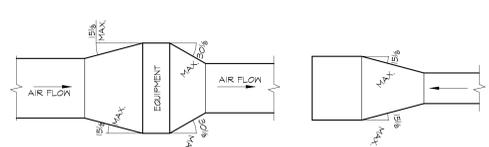
SUPPLY BRANCH DUCT SPLITTER TYPE DAMPER

- ALL BRANCH DUCTS SHALL BE PROVIDED WITH MANUALLY OPERATED VOLUME DAMPERS. DAMPERS AT DIFFUSERS ARE IN ADDITION TO BRANCH DAMPERS.
- DUCTS LARGER THAN 48 IN SHALL HAVE MULTIPLE SINGLE LEAF DAMPERS WITH LOCKING QUADRANTS EACH SIDE.

VOLUME DAMPER DETAILS NTS



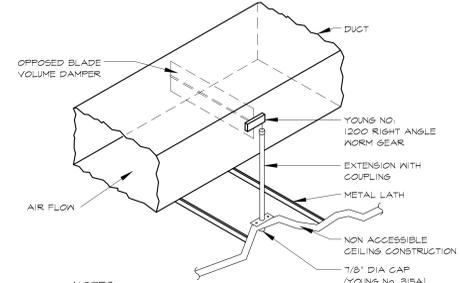
METHOD OF HANGING DUCT WORK NTS



TYPICAL DUCTWORK TRANSITION WITH EQUIPMENT MOUNTED IN DUCT PLAN OR SIDE VIEW

NOTE: UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

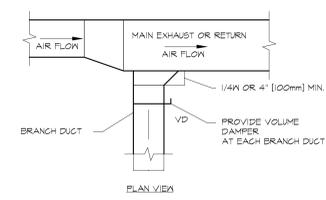
DUCTWORK TRANSITIONS (WITH EQUIPMENT MOUNTED IN DUCT) NTS



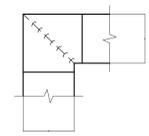
NOTES:

- WHEN DAMPER IS LOCATED WITHIN 10' OF A DIFFUSER OR WITHIN A LOBBY OR SPECIALTY SPACE (COORDINATE WITH ARCHITECT), VOLUME DAMPER ASSEMBLY SHALL BE OPERABLE THROUGH FACE OF NEAREST DIFFUSER BY MEANS OF FLEXIBLE-CABLE BASED ON BOWDEN REMOTE CABLE CONTROL SYSTEM WITH YOUNG'S REGULATOR.
- ALL OTHER NON-ACCESSIBLE CEILING AREAS SHALL BE AS INDICATED.

VOLUME CONTROL DAMPER FOR NON ACCESSIBLE CEILING ONLY



EXHAUST OR RETURN BRANCH DUCTWORK NTS

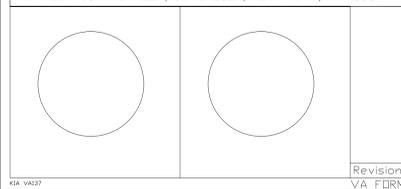


NOTES:

- ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMAGNA.
- WHEN R1 DOES NOT EQUAL R2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF R DIMENSION.
- ALL SINGLE THICKNESS VANES SHALL HAVE A 2" (50mm) RADIUS, 1/2" (40mm) MAXIMUM SPACE BETWEEN VANES AND A 3/4" (20mm) TRAILING EDGE.
- WHEN R1 EQUALS R2 AND R1 IS GREATER THAN 20" (500mm) VANES SHALL BE DOUBLE VANE TYPE.

DUCTWORK SQUARE VANE ELBOWS NTS

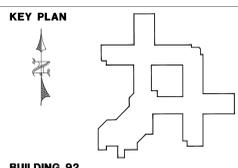
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Revisions
 VA FORM 08-6231, DEC 1989

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 PHONE (914) 747-0002 E-MAIL mandrao@kiarch.com FAX (914) 747-9211

NOTE AND READ CAREFULLY:
 The Contractor shall consult and study the requirements of each and every drawing and each specification section of this contract so that he/she may become acquainted with the project as a whole in order to determine how the work of his/hers subcontractor or vendor may affect the work required under this contract.
 Written Specifications are part of this contract.



Drawing Title
MECHANICAL DETAILS

Approved: Division Chief
 Approved: Service Director

Project Title
Implement Community Living Center Cultural Transformation

Building Number: **92**
 Checked: **MA**
 Drawn: **MA/DC**

Location
Northport, New York

Date
3/30/2012

Project No.
632-08-123

DRAWING NO.
M-3
 Dwg. 24 of 34

