OFFSETS 2 AND 3 AND TRANSITIONS MAY HAVE EQUAL ON UNEQUAL INLET AND OUTLET AREAS. TRANSITIONS MAY CONVERT DUCT PROFILES TO ANY COMBINATION FOR RECTANGULAR, ROUND OR FLAT OVAL SHAPES.





CONCENTRIC TRANSITION Θ MAX. 45° DIVERGING, 60° CONVERGING



ECCENTRIC TRANSITION O MAX. 30° (EXCEPT 45° IS PERMITTED AT ROUND TO FLAT OVAL)



OFFSET TYPE 2 (MITERED)



STANDARD BELLMOUTH ON SHORT PATTERN BELL C = 3" (76 mm) B = A + 4" (102 mm))

OFFSETS AND TRANSITIONS DETAIL SCALE: N.T.S.



TYPICAL ELBOW DETAIL SCALE: N.T.S.





RESTRICTED TO 90°. SQUARE THROAT = 0.5, MAY BE USED, UP TO 1000 FPMT (FRATE 2 RECTANGULAR THROAT ELBOW WITH VANES







TYPE RE 5 DUAL RADIUS ELBOW

TYPE RE 6 MITERED ELBOW





COMBUSTION AIR INTAKE DETAIL SCALE: N.T.S.

NOTE: FLEX DUCT SHALL NOT BE USED IN ELBOWS



SQUARE DIFFUSER INSTALLATION DETAIL SCALE: N.T.S.



Rev. No. Date

Revision Notes

0 19-11-06 Issued for Construction



Epp Siepman Engineering Inc. No. 4035

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Project

ST. JAMES CIVIC CENTRE

Drawing DETAILS - HVAC

Drawn By:

EB

Scale:

NTS

Date: Sheet: Review By: JS Tender No: 1176-2019 11/06/19

MH4.2