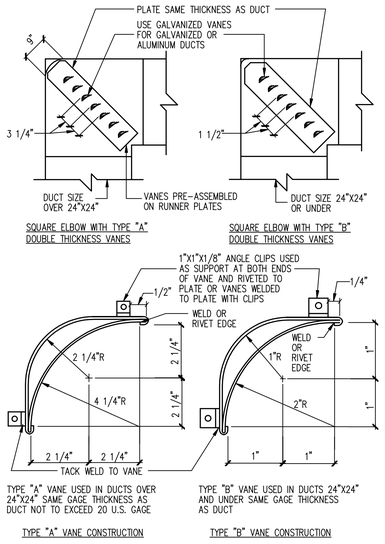
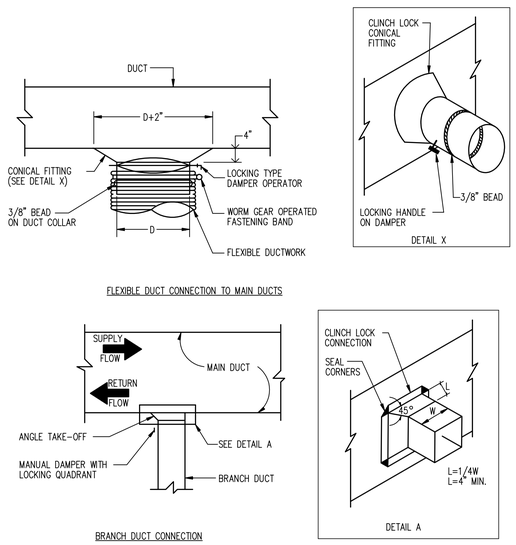
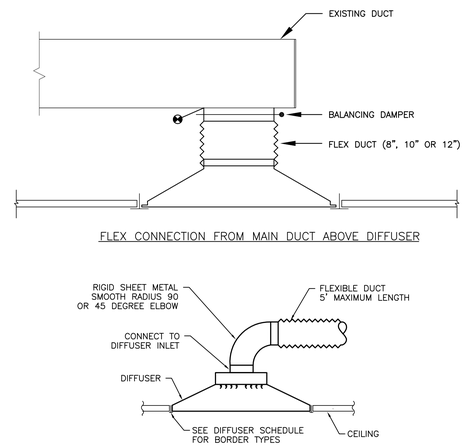


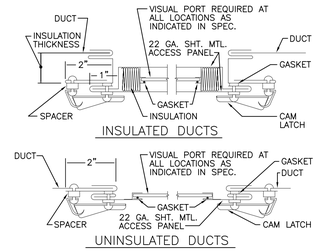
1 SQUARE DUCT ELBOWS
NOT TO SCALE



2 LOW PRESSURE BRANCH DUCT CONNECTIONS
NOT TO SCALE



3 DIFFUSER/GRILLE CONNECT DETAIL
NOT TO SCALE



NOTE:
1. ALL ACCESS PANELS TO BE A MINIMUM OF 15"x15" WHERE DUCT SIZE ALLOWS.
2. PROVIDE TRACK FULL LENGTH OF ACCESS PANEL RIVETED PANEL FOR PANEL ALIGNMENT.

4 DUCT ACCESS PANELS LOW PRESSURE DUCTWORK
NOT TO SCALE

DIFFUSER, REGISTER, & GRILLE SCHEDULE

NECK SIZE (INCHES) — 8"ø SC-1 / 380 — FUNCTION (S=SUPPLY; R=RETURN; E=EXHAUST; T=TRANSFER); MOUNTING (C=CEILING; W=WALL; F=FLOOR; D=DUCT;); DESIGNATION; FLOW RATE (CFM)

☒ SHADED PORTION INDICATES BLANKED OFF SECTION

DESIGNATION	MANUFACTURER	MODEL NUMBER	DESCRIPTION	MATERIAL	FRAME BORDER	FINISH	REMARKS
ESC-1	-	-	EXISTING SQUARE DIFFUSER	-	-	-	-
SC-1	TITUS	TMSA	24"X24" HIGH PERFORMANCE SQUARE DIFFUSER	STEEL	LAY-IN	WHITE	1
RC-1	TITUS	PAR	PERFORATED RETURN GRILLE	STEEL	LAY-IN	WHITE	-

REMARKS
1. PROVIDE SCREW DRIVER ADJUSTMENT OPTIONAL DAMPER.

Revisions: | Date

CONSULTANTS:

BUILDING IS FULLY SPRINKLED

ARCHITECT/ENGINEERS:
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Des Moines, IA 50309-4136
515 244 7167

AE PROJECT NO. 10031

Drawing Title: MECHANICAL DETAILS
Scale: AS NOTED
Approved: Project Director

Project Title: CANTEEN RETAIL STORE
Location: DES MOINES, IOWA
Date: 11/01/2011
Checked: CR
Drawn: RR

Project Number: 636A6-10-712
Building Number: –
Drawing Number: M102
Dwg. 12 of 16

Department of Veterans Affairs