

AIR DEVICE SCHEDULE											
UNIT MARK	AIR FLOW RANGE (CFM)	MAX. SP (IN WG)	MAX. NC	DEVICE TYPE	SIZE			NO. OF SLOTS	BASIS OF DESIGN		NOTES
					NECK (IN)	MODULE (IN)	SLOT (IN)		MANUFACTURER	MODEL	
LRD-1	70/LF	0.1	22	LINEAR LOT DIFFUSER	6	24X2.5	1	2	TITUS	MLR39	1, 2, 3
SG-1	70-210	0.1	13	SUPPLY GRILLE	12X6	14X8	-	-	TITUS	300R	1, 2, 3
EG-1	0-70	0.1	10	EXHAUST GRILLE	6X6	8X8	-	-	TITUS	350RL	1,2
EG-2	70-210	0.1	11	EXHAUST GRILLE	12X6	14X8	-	-	TITUS	350RL	1,2
NOTES: 1. PROVIDE OPPOSED BLADE DAMPERS IN ALL DIFFUSERS & GRILLES WITH SCREWDRIVER ADJUSTMENT ACCESSIBLE THROUGH FACE OF THE GRILLE. 2. DIFFUSER/GRILLES SHALL BE TESTED IN ACCORDANCE WITH ANSI/ASHRAE STANDARD 70-2006. 3. ALL ML TYPE LINEAR SUPPLY/RETURN DIFFUSERS SHALL BE PROVIDED WITH MP TYPE PLENUM BOX.											

CONVECTOR SCHEDULE											
UNIT NO	TYPE	SIZE			MBH	GPM	EWT (°F)	TEMP DROP (°F)	BASIS OF DESIGN		NOTES
		LENGTH	DEPTH	HEIGHT					MANUFACTURER	MODEL	
C-1	RECESSED	29"	4"	17"	1.5	0.40	190	20	TRANE	RG	1, 2, 3
NOTES: 1. UNIT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION. 2. COLOR AS SPECIFIED BY ARCHITECT. 3. PROVIDE SHUT-OFF VALVES, CIRCUIT SETTER, TEST PORTS AND INLET STRAINERS.											

RESTROOM RENOVATION
PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

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PHASE 2:

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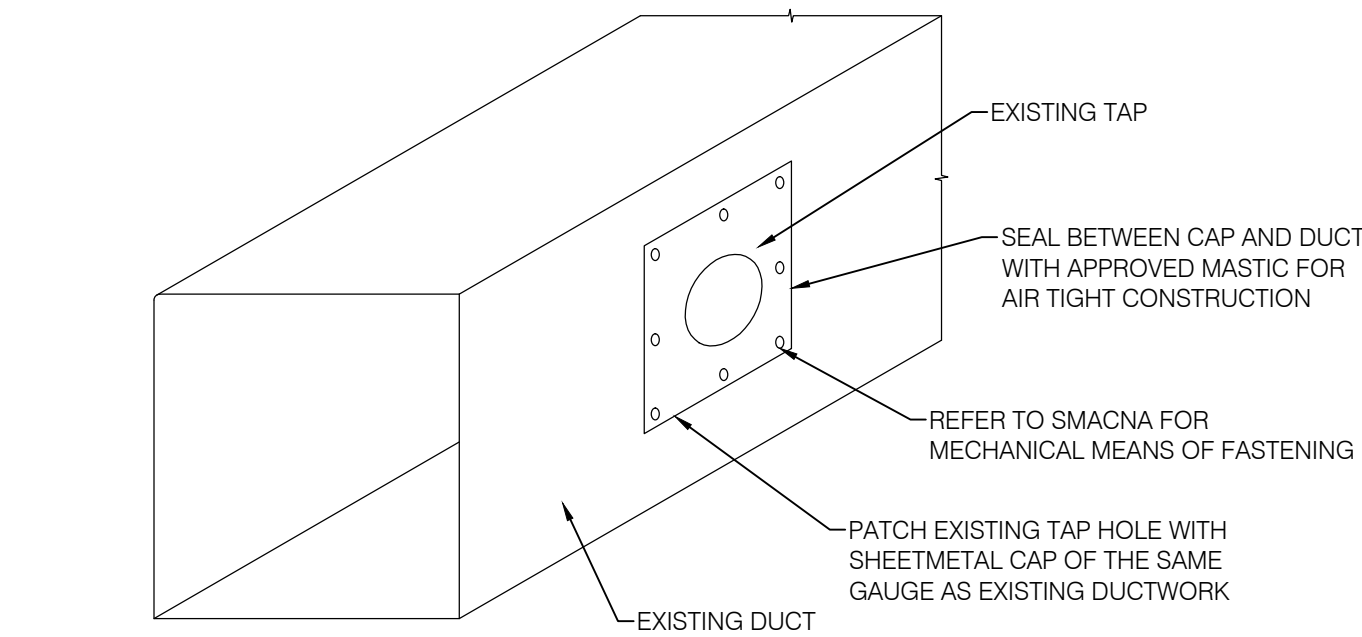
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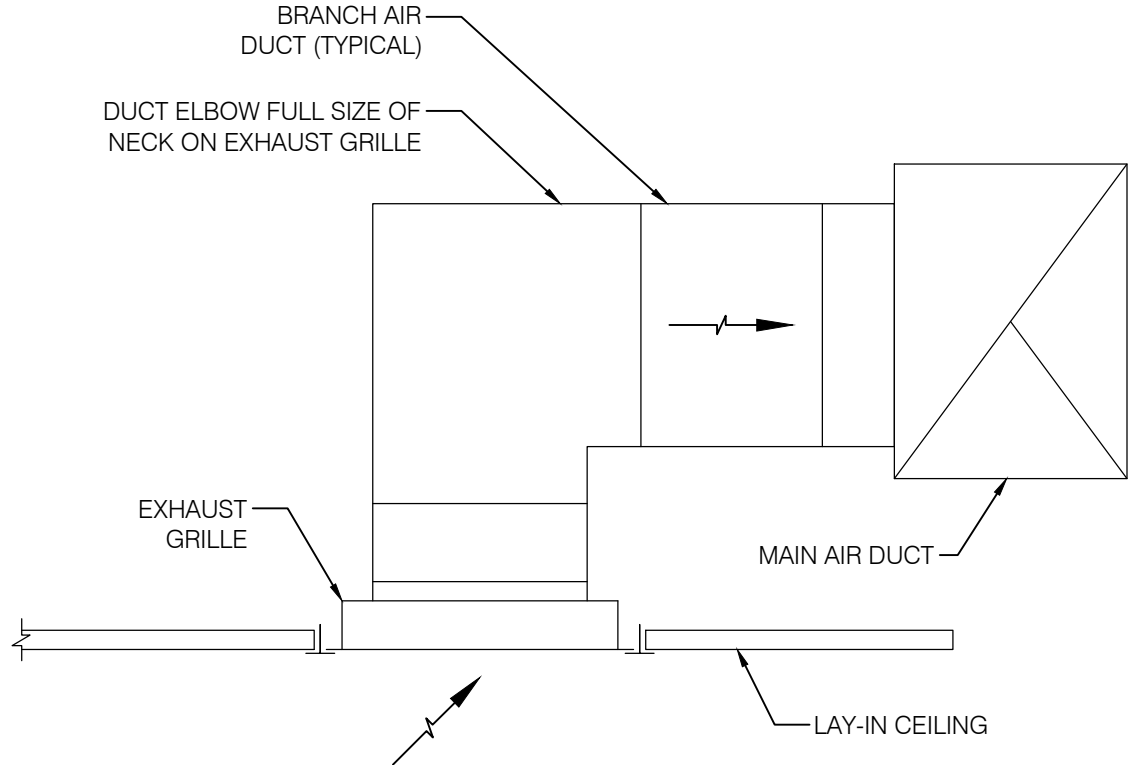
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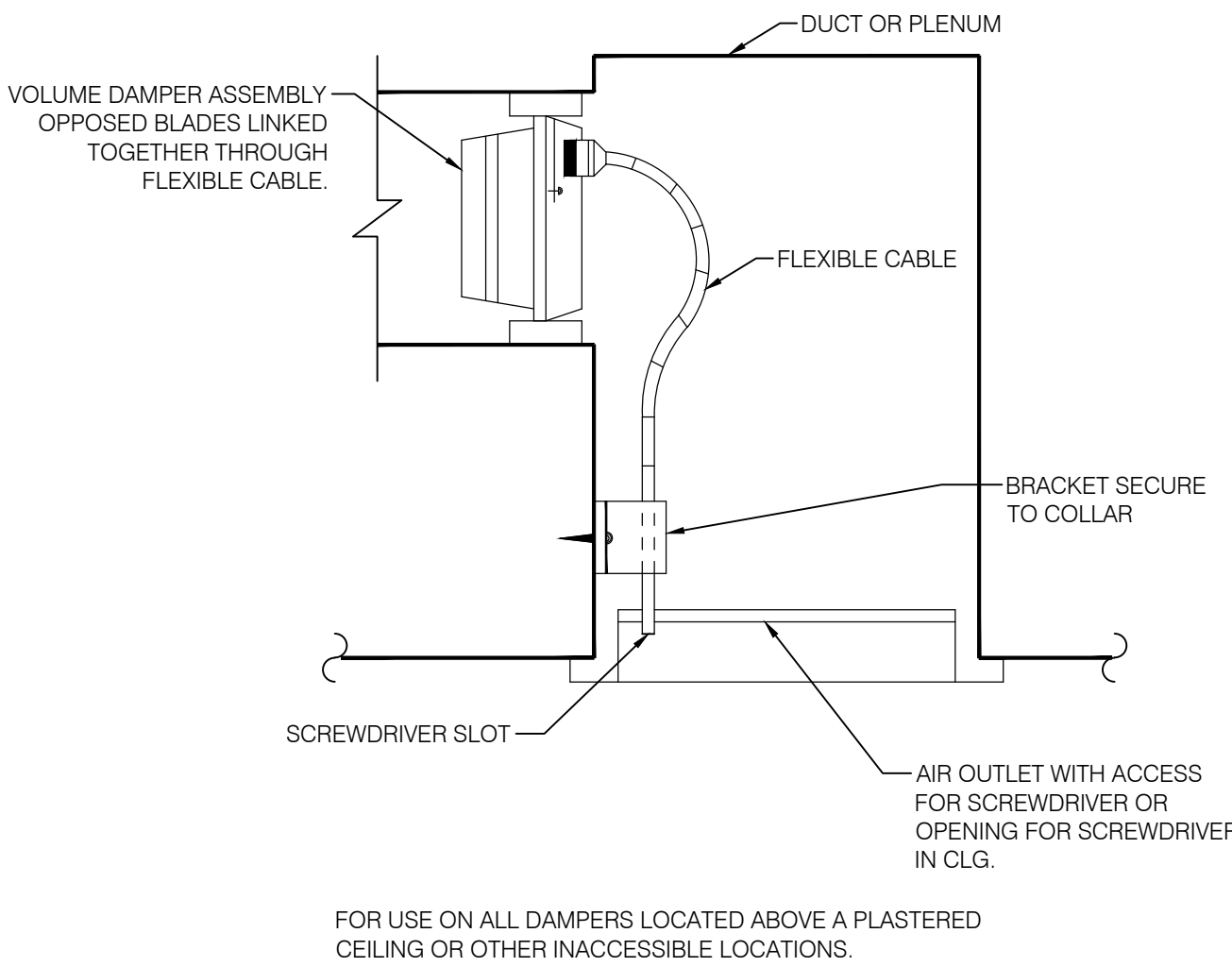
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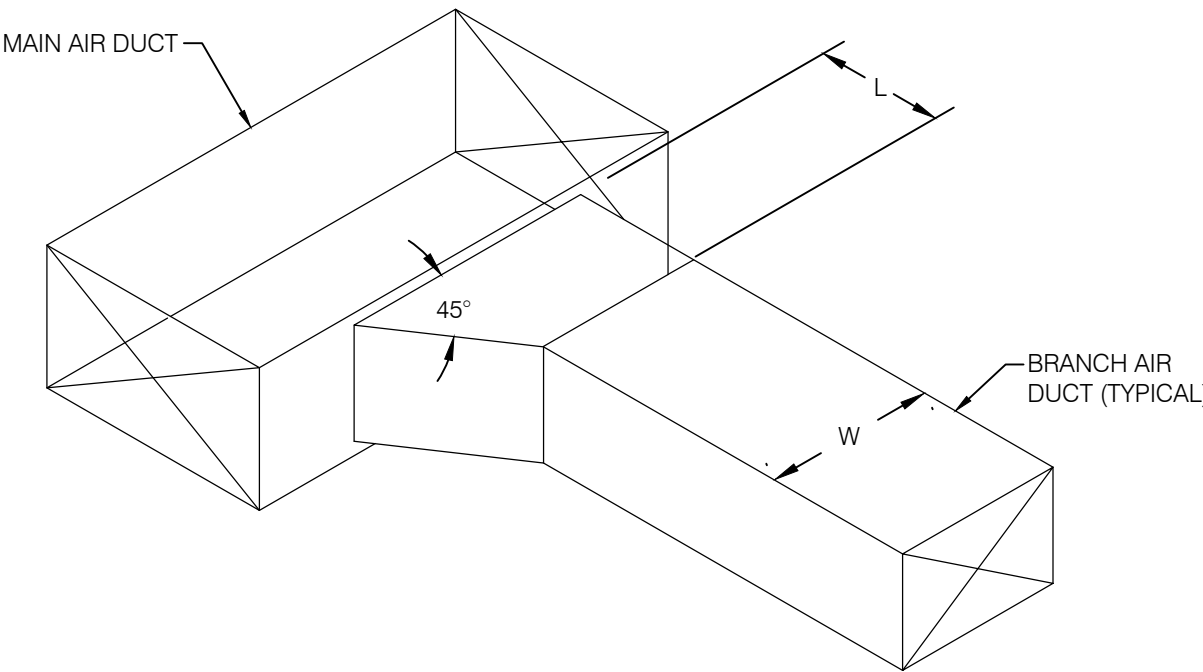
5 PATCHING AND SEALING EXISTING DUCT TAP
M-601.00 SCALE: NOT TO SCALE



3 GRILLE CONNECTION DETAIL
M-601.00 SCALE: NOT TO SCALE

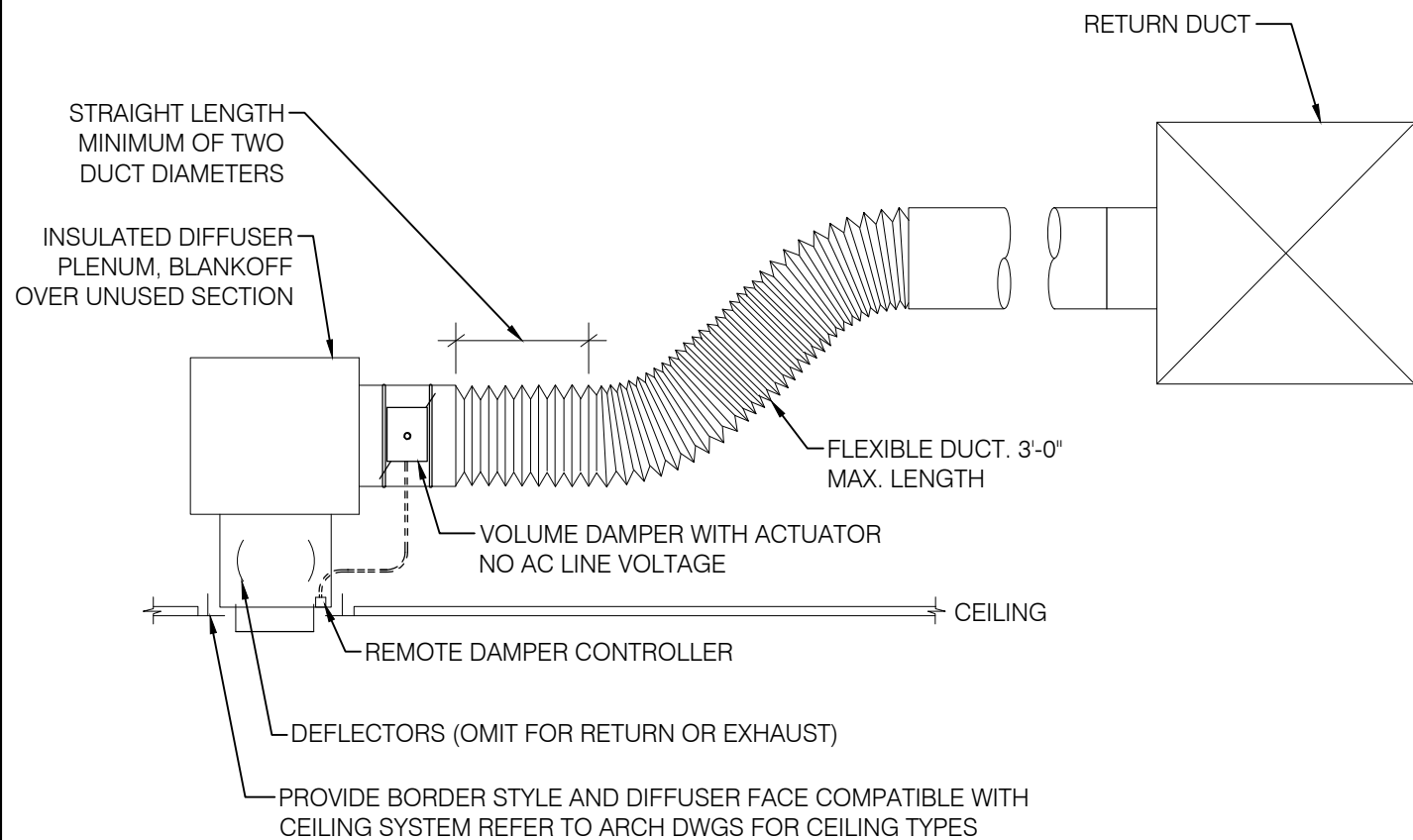


1 REMOTE DAMPER OPERATOR FOR INACCESSIBLE DAMPER
M-601.00 SCALE: NOT TO SCALE



NOTES:
1. L = 1/4 W, 6" MINIMUM

6 EXHAUST AIR DUCT CONNECTION DETAIL
M-601.00 SCALE: NOT TO SCALE



NOTES:
1. SUPPORT FLEXIBLE DUCT AT 2'-0" OC MAX. CLAMPS AND HANGERS NOT SHOWN.
2. PROVIDE SHEET METAL TRANSITION AS REQUIRED BETWEEN FLEXIBLE DUCT AND DIFFUSER COLLAR IF DIFFUSER DOES NOT HAVE ROUND DUCT CONNECTION.
3. PROVIDE REMOTE DAMPER CONTROL FOR ALL DIFFUSERS.
4. DIFFUSER SHOWN, REGISTER OR GRILLE SIMILAR.
5. ROUND BRANCH DUCT SHOWN, RECTANGULAR BRANCH DUCT SIMILAR WITH APPROPRIATE CONNECTIONS/TRANSITIONS.

4 LINEAR CEILING DIFFUSER (SLOT-TYPE) INSTALLATION (WITH FLEX)
M-601.00 SCALE: NOT TO SCALE

TABLE 1 ALLOWABLE HANGER LOAD (MAX)				TABLE 2 TRAPEZE ANGLE LOAD (MAX)	
STRAPS	LBS	RODS	LBS	L	2" x 2" x 1/4" 2 1/2" x 2 1/2" x 1/4"
2-1"x22 GA	520	2-1/4" Ø	540	36"	1200 LBS 1940 LBS
2-1"x20 GA	640	2-3/8" Ø	1360	48"	1160 LBS 1900 LBS
2-1"x18 GA	840	2-1/2" Ø	2500	60"	1060 LBS 1800 LBS
2-1"x16 GA	1400	2-5/8" Ø	4000	72"	900 LBS 1640 LBS
		2-3/4" Ø	6000	84"	660 LBS 1400 LBS
				96"	320 LBS 1060 LBS

NOTES:
1. TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOADS.
2. PROVIDE HIGH DENSITY INSERT AT TRAPEZE FOR INSULATED DUCTS.
3. SEE STRUCTURAL DRAWINGS FOR DETAILS FOR SECURING RODS TO STRUCTURE.

2 RECTANGULAR DUCT HANGERS
M-601.00 SCALE: NOT TO SCALE

Title
MECHANICAL SCHEDULES
AND DETAILS

Date 01-16-2020
Project No. 1944
Drawing By AKV
CHK By BS
Scale AS NOTED

DOB Rev
M-601.00