

NOT FOR
CONSTRUCTION

PROJECT MANAGER	DESIGNER
DLL	KAB

DATE
2022359.04

USPS - MID-HUDSON, NY
99 GOVERNOR DRIVE
NEWBURGH, NY 12550

UNITED STATES
POSTAL SERVICE

Facilities: 4301 wilson bvd., suite 300, arlington, va 22203-1861

MECHANICAL LEGEND, SCHEDULES, AND DETAILS

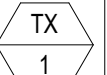
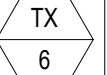
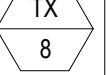
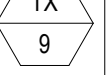
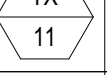
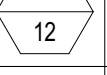
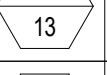
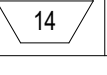
M-001.1

Scale: NTS
Project: USPS - MID-HUDSON, NY
USPS File Number: 355006-G02

Revisions: 100% OWNER RE-REVIEW

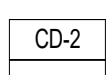
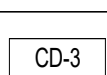
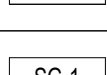
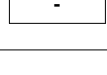
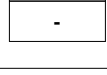
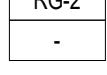
Date: 02/23/2023

EXHAUST FAN SCHEDULE

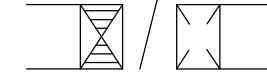
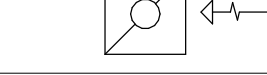
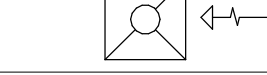
MARK	MANUFACTURER MODEL	SERVICE	AIRFLOW (CFM)	E.S.P. (IN WC)	FRPM	MOTOR (HP)	OPERATING POWER (HP)	ELECTRIC	WEIGHT (LBS)	REMARKS
 TX 1	GREENHECK G-09S-VG	RESTROOM EXHAUST	500	0.40	1,337	1/6	0.08	120/1	29	①
 TX 6	GREENHECK G-080-VG	RESTROOM EXHAUST	200	0.40	1,372	1/10	0.04	120/1	28	①
 TX 7	GREENHECK G-09S-VG	RESTROOM EXHAUST	300	0.40	1,204	1/6	0.05	120/1	29	①
 TX 8	GREENHECK G-09S-VG	RESTROOM EXHAUST	100	0.30	1,581	1/15	0.02	120/1	18	①
 TX 9	GREENHECK G-09S-VG	RESTROOM EXHAUST	325	0.40	1,212	1/6	0.05	120/1	29	①
 TX 11	GREENHECK G-090-VG	RESTROOM EXHAUST	500	0.40	1,492	1/6	0.07	120/1	29	①
 TX 12	GREENHECK G-080-VG	RESTROOM EXHAUST	150	0.30	1,157	1/10	0.02	120/1	28	①
 TX 13	GREENHECK G-090-VG	RESTROOM EXHAUST	450	0.40	1,425	1/6	0.06	120/1	29	①
 TX 14	GREENHECK G-09S-VG	RESTROOM EXHAUST	500	0.40	1,337	1/6	0.08	120/1	29	①

① PROVIDE WITH BACKDRAFT DAMPER, FACTORY MOUNTED DISCONNECT SWITCH, 18" ROOF CURB AND BIRD SCREEN. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL LOW VOLTAGE CONTROL WIRING. FAN TO RUN CONTINUOUSLY

DIFFUSER AND GRILLE SCHEDULE

MARK	MANUFACTURER MODEL NUMBER	NECK SIZE	FACE SIZE	MOUNTING	MAX CFM	PATTERN	SP @ MAX CFM	REMARKS
 CD-1 -	TITUS OMINI-AA	8"Ø	24"x24"	DUCT	280	4-WAY	0.04	① ②
 CD-2 -	TITUS OMINI-AA	10"Ø	24"x24"	DUCT	440	4-WAY	0.04	① ②
 CD-3 -	TITUS OMINI-AA	12"Ø	24"x24"	DUCT	575	4-WAY	0.04	① ②
 SG-1 -	TITUS 300RL	6"x6"	8"x8"	DUCT	130	-	0.03	① ②
 RG-1 -	TITUS 50F	22"x10"	24"x12"	DUCT	2,220	-	0.03	① ②
 RG-2 -	TITUS 50F	22"x22"	24"x24"	DUCT	2,220	-	0.03	① ②
 EG-1 -	TITUS 50F	10"x10"	12"x12"	DUCT	400	-	0.04	① ②

① MAXIMUM NC-25 @ MAXIMUM CFM NOTED.
② FINISH & COLOR SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARDS.

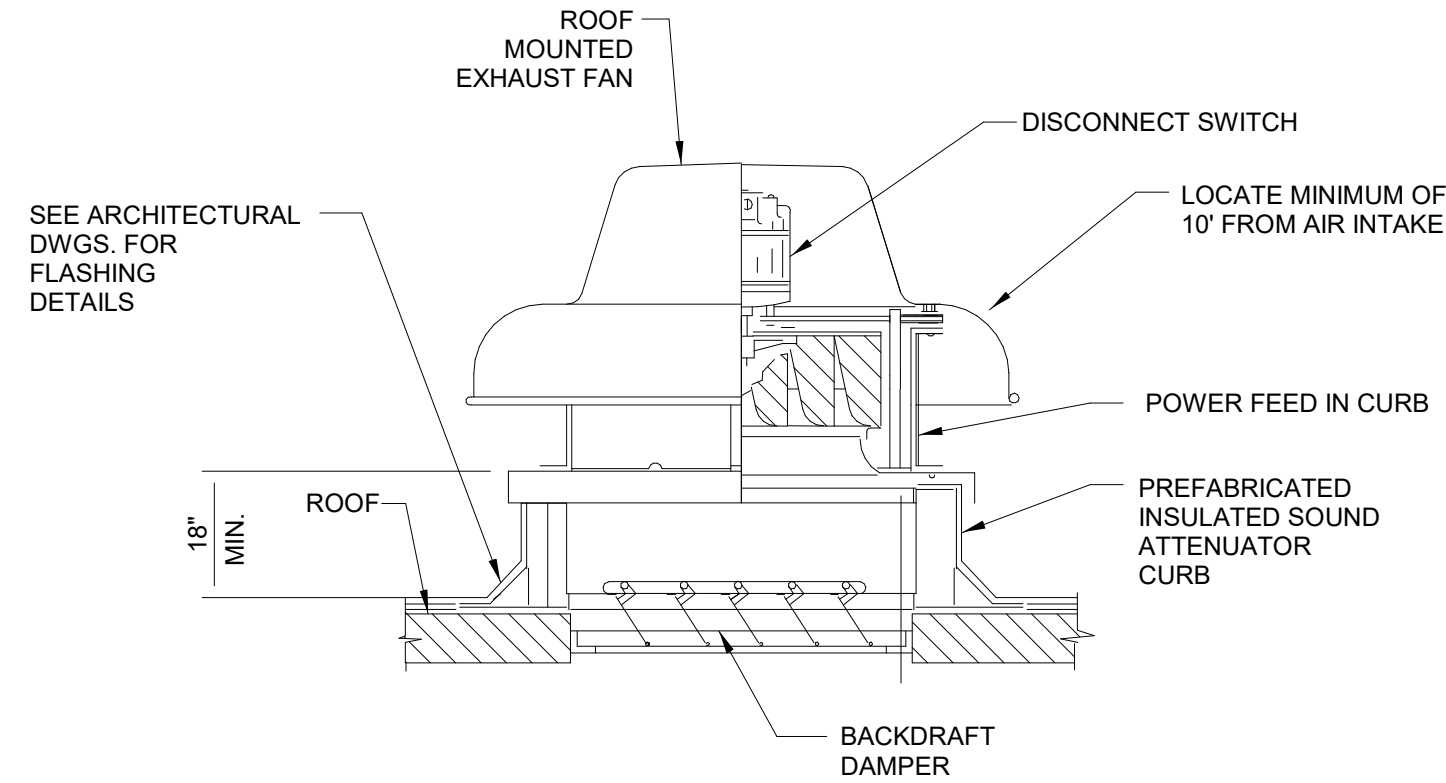
LEGEND MECHANICAL SYMBOLS	
SYMBOL & ABBREVIATION	DESCRIPTION
 SA/SUP	SUPPLY AIR (RISE/DROP)
 RA/RET	RETURN AIR DUCT (RISE/DROP)
 EA/EXH	EXHAUST AIR DUCT (RISE/DROP)
 CD/SR	CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)
 RR/RG	RETURN REGISTER/GRILL
 ER/EG	EXHAUST REGISTER/GRILL
 DIA	DIAMETER
 MECH EQUIP	MECHANICAL EQUIPMENT DESIGNATION DESIGNATION NUMBER
 D-1 200	DIFFUSER/GRILLE DESIGNATION CFM QUANTITY
 S	DUCT MOUNTED SMOKE DETECTOR
 T	TEMPERATURE SENSOR
 MECH EQUIP	MECHANICAL EQUIPMENT DESIGNATION DESIGNATION NUMBER

SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS AND SPECIFICATIONS DETAILED IN THE MOST RECENT USPS MRF SPECIFICATION.

HVAC WORK COORDINATION

COORDINATE ALL HVAC WORK ASSOCIATED WITH THIS WORK WITH ON GOING HVAC UPGRADE PROJECT ENGINEER AND CONTRACTOR.



1 ROOF MOUNTED EXHAUST FAN DETAIL
1/2" = 1'-0"