

SYMBOL LEGEND

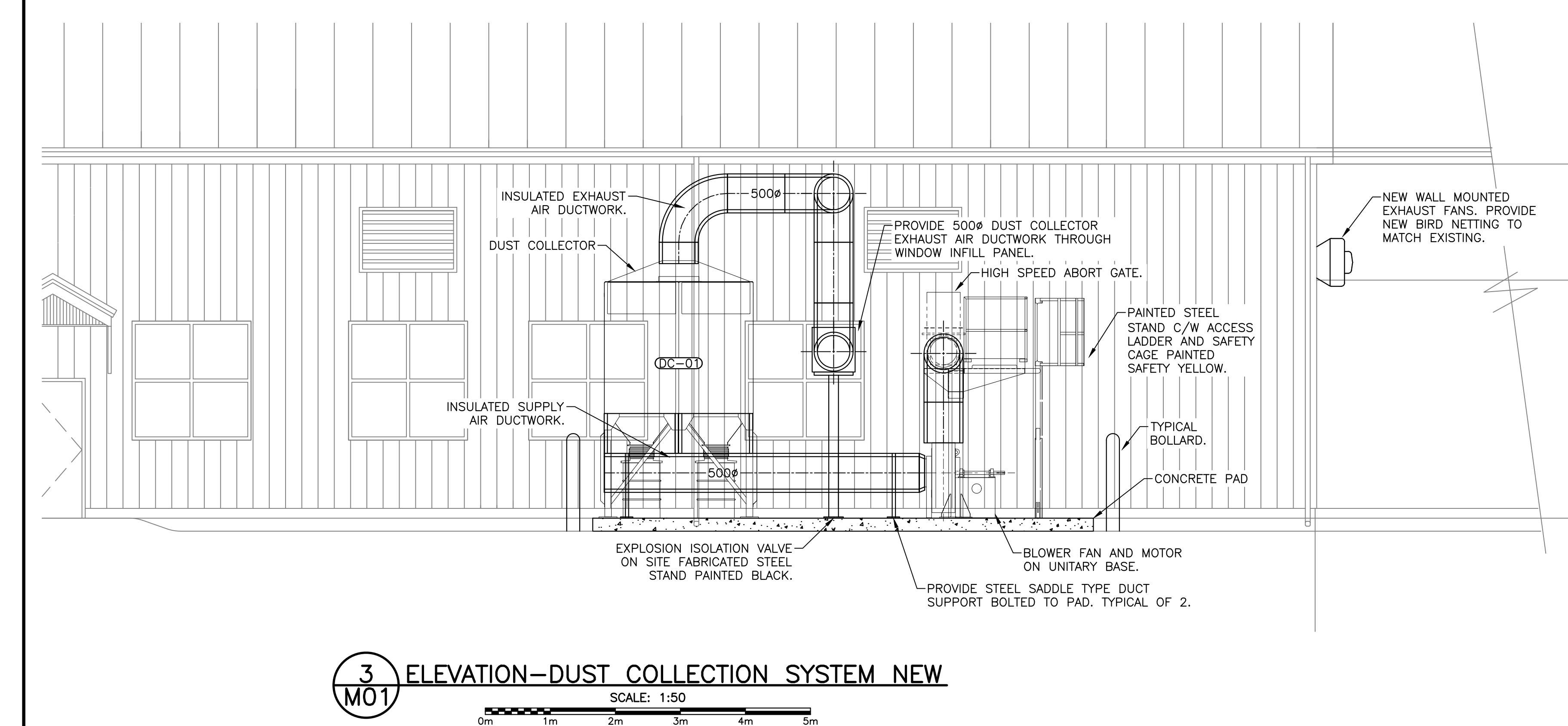
[Symbol] SUPPLY OR OUTDOOR AIR DUCT UP
 [Symbol] SUPPLY OR OUTDOOR AIR DUCT DOWN
 [Symbol] RETURN AIR DUCT UP
 [Symbol] RETURN AIR DUCT DOWN
 [Symbol] EXHAUST AIR DUCT UP
 [Symbol] EXHAUST AIR DUCT DOWN
 [Symbol] BALANCING DAMPER
 [Symbol] DUCT CAP
 [Symbol] SUPPLY AIR GRILLE OR DIFFUSER
 [Symbol] RETURN AIR GRILLE OR DIFFUSER
 [Symbol] EXHAUST AIR GRILLE OR DIFFUSER
 [Symbol] DUCTWORK
 [Symbol] DUCTWORK WITH ACOUSTICAL LINER
 [Symbol] DUCTWORK - DEMO
 [Symbol] TYPE
 [Symbol] SIZE
 [Symbol] FLOW
 [Symbol] TAG
 [Symbol] THERMOSTAT
 [Symbol] KEYNOTE
 [Symbol] EXHAUST ENCLOSURE KEY
 [Symbol] DRAWING REVISION
 [Symbol] DETAIL NUMBER
 [Symbol] DRAWING NUMBER
 [Symbol] SECTION NUMBER
 [Symbol] DRAWING NUMBER
 S/A SUPPLY AIR
 R/A RETURN AIR
 E/A EXHAUST AIR
 O/A OUTDOOR AIR
 T/A TRANSFER AIR
 NTS NOT TO SCALE
 OED OPEN ENDED DUCT

GENERAL NOTES:

- DUCT ROUTING AND QUANTITY AS SHOWN ARE APPROXIMATE AND TO BE CONFIRMED ON SITE.
- ALL EQUIPMENT AND DUCTWORK ASSOCIATED WITH EXISTING AIR HANDLING UNIT LOCATED ABOVE THE CEILING LEVEL IS TO REMAIN.
- VERTICAL DUCT BRANCHES ARE TYPICALLY SUPPORTED FROM THE WALL. REFER TO DETAIL 14/M02.
- EQUIPMENT AND ENCLOSURE LOCATIONS SHOWN ARE APPROXIMATE ONLY. FINAL LOCATION TO BE COORDINATED ON SITE WITH AAFC.
- EXISTING DRYWALL CEILING IN ROOMS 122-7 AND 122-9 TO BE CUT, PATCHED AND PAINTED AS REQUIRED TO SUIT NEW DUCT INSTALLATION.
- ALL DUCTWORK LOCATED ON THE EXTERIOR OF THE BUILDING TO BE INSULATED COMPLETE WITH A MINIMUM 45 ML ALUMINUM WEATHERPROOF JACKET.
- SEAL ALL NEW AND EXISTING PENETRATIONS THROUGH WALLS IN ROOMS 122-5, 122-7 AND 122-9.

KEYNOTES:

- TAKEOFF FROM BOTTOM OF EXHAUST MAIN TO SERVE EXHAUST HOOD BELOW
- PROVIDE ACCESS HATCHES IN DUCTWORK PER DETAIL 12/M02 TO FACILITATE CLEANING OF THE DUCT SYSTEM.



CEREAL PROCESSING EQUIPMENT SCHEDULE					
TAG	EQUIPMENT SERVED	CONNECTION TYPE	INLET DIA.	AIRFLOW (L/s)	DETAIL REFERENCE
1	DE-AWNER	NEW COUNTERTOP ENCLOSURE	125	265	3/M02
2	EXISTING FLOOR SWEEP TO BE REMOVED				
3	SAMPLE CLEANER	NEW EXTRACTION ARM	150	375	16/M02
4	SPARE DUCT TO BE REMOVED				
5	CLIPPER/CLEANER	NEW COUNTERTOP ENCLOSURE	150	474	4/M02
6	CLIPPER/CLEANER	NEW EXTRACTION ARM	150	375	16/M02
7	CLIPPER/CLEANER	NEW COUNTERTOP ENCLOSURE	300	1183	1/M02
8	EXISTING FLOOR SWEEP TO BE REMOVED				
9	SOYBEAN CLEANER	NEW FLOOR STANDING ENCLOSURE	200	125	627
10	EXISTING FLOOR SWEEP TO BE REMOVED				
11	CLIPPER/CLEANER	NEW COUNTERTOP ENCLOSURE	150	1183	1/M02
12	BAG CLEANER	EXISTING DIRECT CONNECTION	300	1300	-
13	GRINDER	NEW COUNTERTOP ENCLOSURE	100	128	8/M02
14	GRINDER	NEW COUNTERTOP ENCLOSURE	100	128	8/M02
15	GRINDER	NEW COUNTERTOP ENCLOSURE	150	275	7/M02
16	GRINDER	NEW COUNTERTOP ENCLOSURE	150	275	7/M02
17	NOT USED				
18	GRINDER	NEW COUNTERTOP ENCLOSURE	150	270	5/M02
19	DE-AWNER	NEW ENCLOSURE AND ADJUSTABLE STAND	200	750	6/M02
20	DE-AWNER	NEW EXTRACTION ARM	150	375	16/M02

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

CBCL

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND
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DATE: FEB 12, 2021
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF PRINCE EDWARD ISLAND

0	ISSUED FOR TENDER	FEB/12/2021
revisions		date
project	AAFC HARRINGTON DUST COLLECTION UPGRADE HARRINGTON QUEENS CO. PE	
drawing	design	
MECHANICAL PLANS AND SECTION		
designed	P. Arsenault	conçu
date	November 2020	
drawn	A. Belyea	dessiné
date	November 2020	
approved	M. Peachman	approuvé
date	February 2021	
Tender	Soumission	
PWOSC Project Manager	Administrateur de projets TPSC	
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R.112327.001		
drawing no.	no. du dessin	
M01		

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