

Shop Drawing Submission for:

Chute & Waste Management System

1st Submittal (September 27, 2021)

Project:

FORESTSIDE BLDG A
65-95 ATTMAR DR,
BRAMPTON, ON

Job # 19-381**To:**

ROYAL PINE HOMES
3550 LANGSTAFF RD, STE 200,
WOODBRIIDGE, ON

Attn: JEFFREY ELLIS

United Engineering Inc.	
PROFESSIONAL CONSULTING ENGINEERS	
THIS SHOP DRAWING IS:	
<input checked="" type="checkbox"/> REVIEWED	
<input type="checkbox"/> REVIEWED AS MODIFIED	
<input type="checkbox"/> REVISE AND RESUBMIT	
<input type="checkbox"/> SUBMIT TO HYDRO FOR APPROVAL	
The Review of these shop drawings is for general design only and shall not relieve the contractor from conforming to the contract drawings and specifications.	
All dimensions and sizes shall be checked.	
DATE:	CHECKED BY:
2021-10-04	MECH ELEC SP

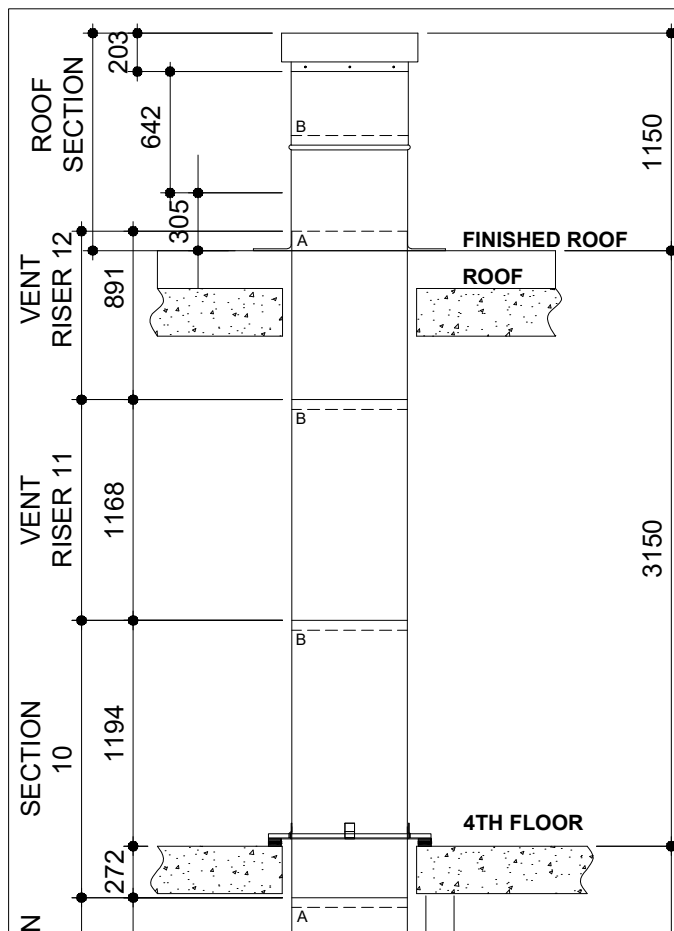
REVIEWED	<input checked="" type="checkbox"/>
REVIEWED AS NOTED	
REVISE AND RESUBMIT	
This review by GRAZIANI + CORAZZA Architects Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that GRAZIANI + CORAZZA Architects Inc. approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the contract documents. The Contractor is responsible for dimensions to be confirmed and correlated at job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all subtrades. GRAZIANI + CORAZZA Architects Inc.	
By: MA	Date: 05.OCT.2021

- ❖ Please provide your anticipated install date and occupancy date so that we may schedule any site visits and production schedules accordingly. Once we have received approved drawings please advise when you will be ready for the site verification. Once completed we can start the fabrication of Chute with 8-10 weeks lead time and Waste Management System with varying production lead time.

Anticipated Install Date: Chute: _____**WME:** _____**Anticipated Occupancy Date:** _____**Site Check Date:** _____

[illegible]

DISINFECTING AND SANITIZING DETAILS SCALE (1:30)



	DATE	REVISION	BY
1			
2			

1	<p>CHUTE RISER TO BE 610mm [24"] DIA. FABRICATE WITH 16ga. SATINCOOTE STEEL</p>
	<p>50MM FOIL BACK INSULATION, TO BE WRAPPED AROUND EXTERIOR OF CHUTE FROM SECTION 2 TO 8</p>
2	<p>TYPICAL INTAKE DOOR WILKINSON TYPE DOOR <i>W5VD/BEI</i> 380mm x 450mm. BOTTOM HINGED NOISELESS, SELF-CLOSING, SELF-LATCHING, STAINLESS STEEL FINISHED C/W TOP HINGED INSWINGING BAFFLES. BEARING A CANADIAN UNDERWRITER'S LABORATORIES 1-1/2 HR., TEMP. RISE 250F. 30MIN LABEL.</p> <p>TWO (2) INTAKE TOTAL</p> <p>C/W TRIM SET FOR EI DOORS (WILKINSON SYSTEM BELOW)</p> <p>C/W INTEGRATED CONTROL BOXES FOR RECYCLING SYSTEM (COMPONENTS NOT INCLUDED)</p>
3	<p>DISCHARGE TYPE "AC" HORIZONTAL ACCORDIAN SPRING LOADED HELD OPEN ON A FUSIBLE LINK ASSEMBLY. ASSEMBLY BEARS 1-1/2 HOUR U.L.C. FIRE RATING.</p>
4	<p>FLUSHING SPRAY HEAD WITH 19mm CONNECTOR READY FOR CONNECTION BY OTHERS.</p>
5	<p>TOED IN CHUTE SUPPORT BY MEANS OF CLIPS WELDED AT QUARTERS TO SIT ON ANGLE IRON AND BAR GRID TYPE FLOOR FRAME. STEEL TO BE 5mm THICK MINIMUM.</p> <p>C/W NEOPRENE - CORK - NEOPRENE ISOLATOR PADS</p>
6	<p>FUSIBLY LINKED 155 F SPRINKLERS TO BE INSTALLED AT TOP INTAKE AND ALTERNATE INTAKE BELOW AND READY FOR CONNECTION BY OTHERS.</p> <p>SPRINKLERS ARE ON: 1ST AND 3RD LEVELS</p>
7	<p>ROOF SECTION TO EXTEND FULL DIAMETER THRU ROOF TO A HEIGHT ABOVE 1000mm. HAVING A FULLY VENTED CAP C/W BIRD SCREEN. PROVIDED WITH A FLAT FLASHING (SEALING BY OTHERS). ROOF EXTENSION AND VENT SHALL BE SATINCOOTE STEEL FINISH.</p>
8	<p>ONE (1) FR 16 X16 - 406mm X 406mm SIDE HINGE ACCESS DOOR. DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. (INSTALLED BY OTHERS)</p>
9	<p>ONE (1) DISINFECTING AND SANITIZING UNIT WHERE DESIGNATED ON DRAWING. VACUUM BREAKER, CONTROL VALVE, AND BACKFLOW PREVENTER BY OTHERS. (FLUID & CONNECTION BY OTHERS)</p>

NOTE: SUPPLY & INSTALL

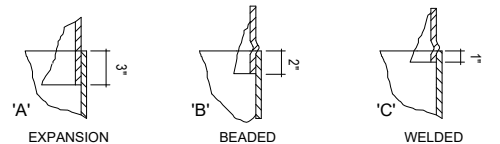
COMPANY:

23 RACINE RD,
TORONTO, ONTARIO
M9W 2Z4

TEL (416) 746-5547
FAX (416) 743 5632
WCHUTES@METROGROUPCAN.COM



DETAIL OF ROUNDABOUT JOINTS



1ST SUBMITTAL	<input checked="" type="checkbox"/>	September 27, 2021
2ND SUBMITTAL	<input type="checkbox"/>	
3RD SUBMITTAL	<input type="checkbox"/>	
APPROVED FOR FABRICATION	<input type="checkbox"/>	

JOB NAME:

FORESTSIDE - A

LOCATION:

BRAMPTON, ON

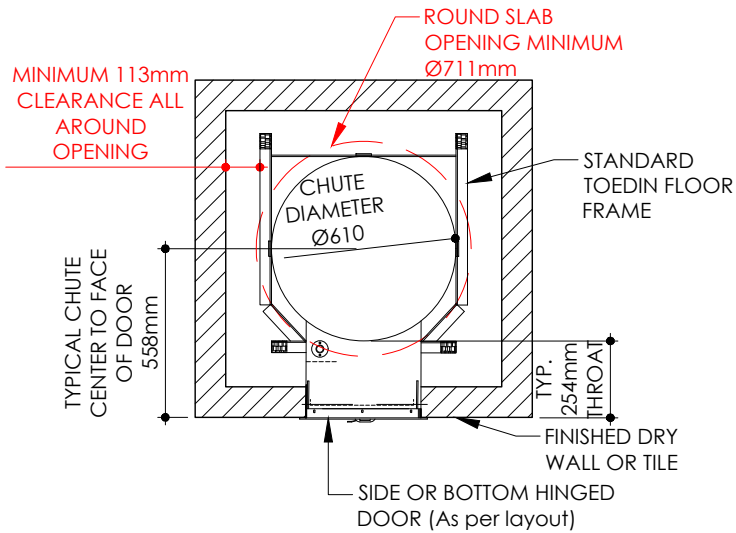
REPRESENTATIVE: ROYAL PINE HOMES

DRAWN BY:
R.P

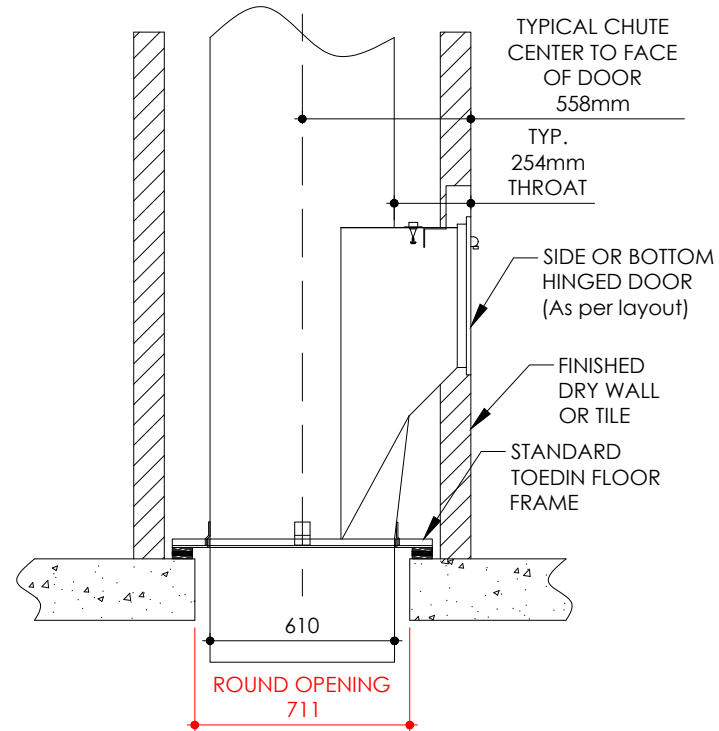
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JOB #:
19-381

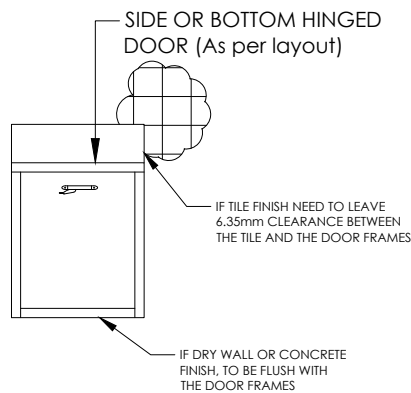
SHEET #:
1 OF 1



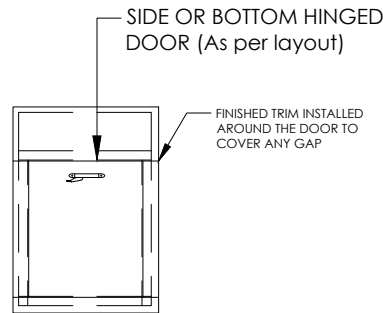
PLAN VIEW



SECTION VIEW



DOOR FRONT VIEW (NO TRIM)



DOOR FRONT VIEW (WITH TRIM)

NOTE: FLOOR FRAME NEEDS TO REST INSIDE SHAFT WALL DUE TO SOUND ISOLATION REQUIREMENT.

PLEASE CLARIFY FLOOR TYPE:

WOOD/CONCRETE/PRECAST FLOOR SLAB

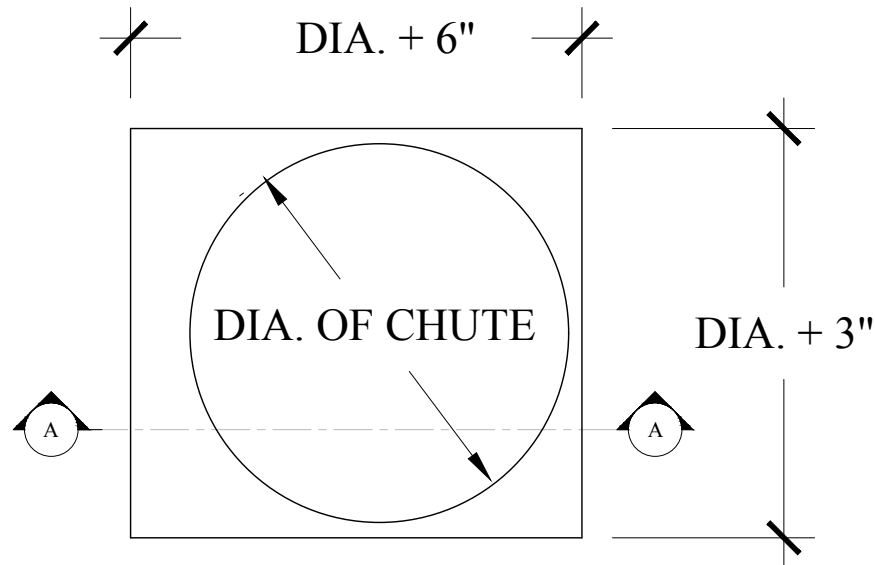
WILKINSON
CHUTES CANADA®

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
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TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: TYPICAL ROUND SLAB OPENING		SHEET#:	
DRAWN BY: R.P.	SCALE: 1:25	DATE: 2020/12/11	

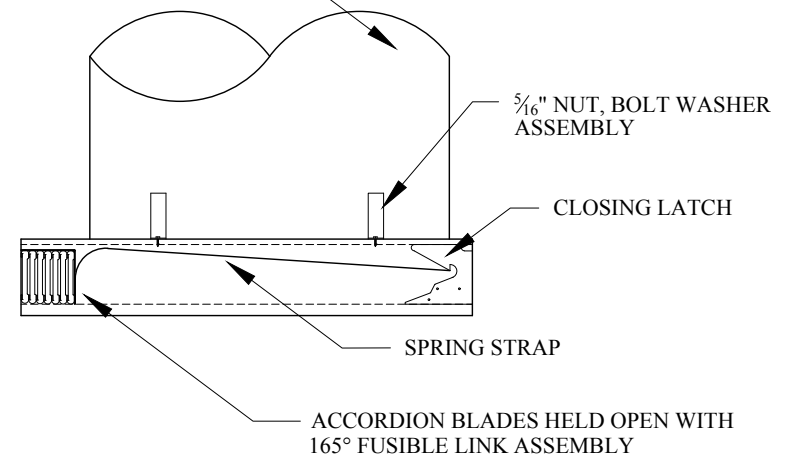
ULC RATED ACCORCION DAMPER ASSEMBLY

DOOR ASSEMBLY CONSISTS OF A SET OF INTERLOCKING TYPE BLADES. HELD OPEN WITH A FUSIBLE LINK. WHEN HEAT RISES ABOVE 165°F OCCURS, LINK MELTS AND TWO SPRING STEEL STAPS PULL BLADES ACROSS CHUTE OPENING.

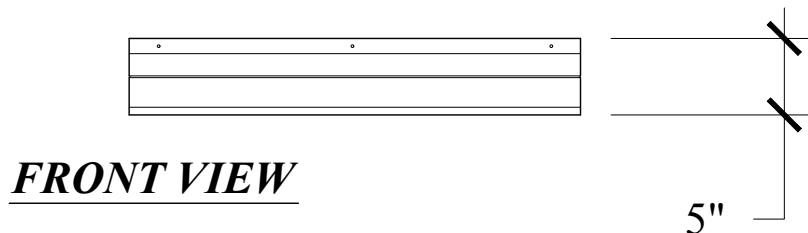


PLAN VIEW

CHUTE RISER WITH CLIPS WELDED FOR
BOLTING TO DAMPER



SECTION A-A



FRONT VIEW

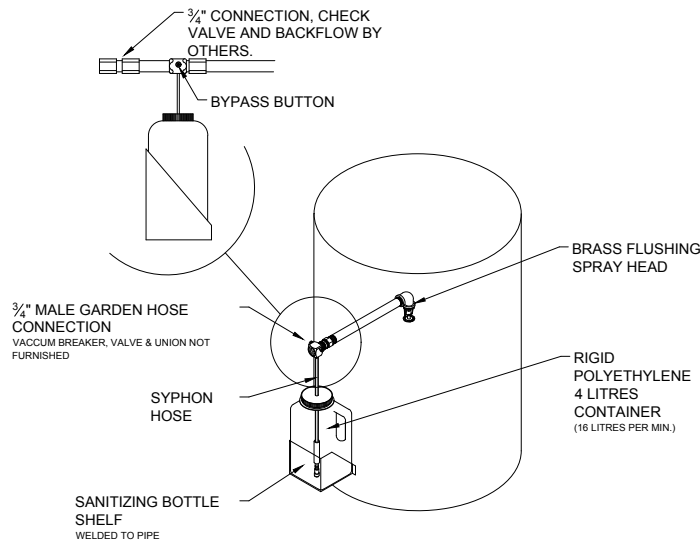
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DWG. TITLE: AC DISCHARGE

SCALE: 1" = 1'-0"

SHEET: 1 OF 1



167 PROPORTIONER

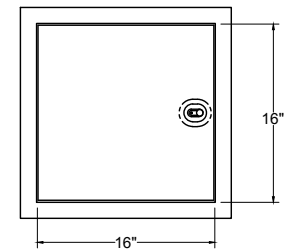
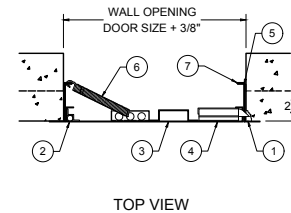
INJECTION RATES FOR VISCOSITIES SHOWN					
1 cps		75 cps		200 cps	
Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio
12.00	10 - 1	3.20	40 - 1	1.10	116 - 1

NOTE: 1 cps IS EQUAL TO THE VISCOSITY OF WATER, 75 cps IS APPR. EQUAL TO VISCOSITY OF 10 WIEGHT MOTOR OIL, AND 200 cps IS APPR. EQUAL TO THE VISCOSITY OF MOST DISHWASHING DETERGENTS.

DISINFECTING & SANITIZING UNIT

INSTRUCTIONS:

1. PROPORTIONING VALVE DILUTES SOLUTION USED TO 60:1
2. FILL BOTTLE WITH SOLUTION (USE OF A BACTERICIDE IS RECOMMENDED)
3. SLIDE BYPASS (RED) BUTTON OVER TO ENGAGE MIXING.
4. A REASONABLE WASH DOWN PERIOD IS 2 MINUTES PLUS 3 SECONDS PER FLOOR
5. SLIDE BYPASS (GREEN) BUTTON ACROSS TO DISENGAGE MIXING AND ALLOW A RINSE PERIOD WITH CLEAR WATER.



1. CHIP OUT MASONRY TO CLEAN OUT BOLT COVER
2. CONCEALED HINGE
3. DOOR
4. RECESSED LATCH
5. INTERIOR LATCH RELEASE SLIDE
6. CLOSING SPRING
7. FRAME

MATERIAL: 16 GAGE, GALVANNEALED STEEL
WHITE PRIME COAT FINISH

DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. DOOR HAS A HEAVY DUTY SPRING CLOSER TO ASSURE POSITIVE LATCHING WHEN PANEL CLOSSES. THIS DOOR IS FOR WALL INSTALLATION ONLY.

FR 16X16 ACCESS DOOR



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WEBSITE: WWW.WILKINSONCHUTES.CA

NOTE:

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE:

DISINFECTING & SANITIZING UNIT WITH ACCESS DOOR

JOB NAME:

LOCATION:

SCALE: 1:16

DATE: 28-04-2020

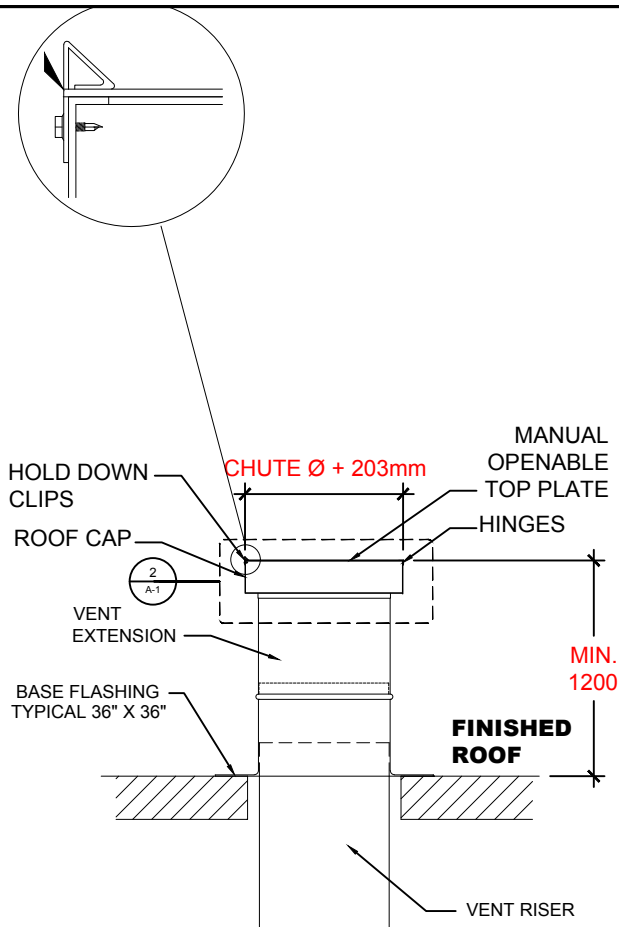
REPRESENTATIVE:

SHEET. #:

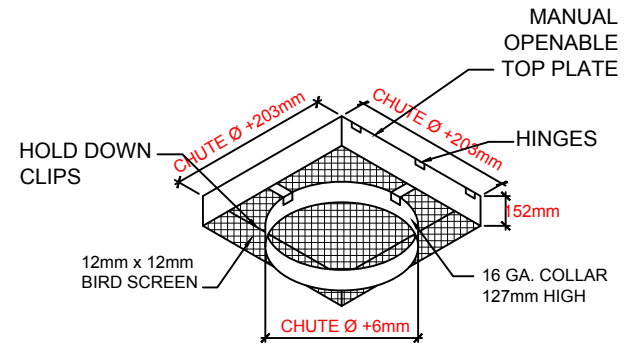
JOB #:

P.O. #:

DRAWN BY: A.Z



SECTION VIEW



DETAIL
A1 -2



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4. REMOVE ALL WELD SPLATTER & GRIND SMOOTH ALL SHARP AREAS
5. DESIGNED TO MEET WITH STANDARD AP-100 SERIES COMPACTION UNITS
6. STANDARD TO ALL CONTAINERS: TWO (2) STEEL LIDS, TOW HITCH, DRAIN FLANGE WITH PLUG, REINFORCED PICK UP POCKETS, ONE (1) HOLD DOWN BAR PER SITE. CONTAINERS CUSTOM BUILT TO SUIT SITE CONDITIONS - CONTAINER SIZES MAY CHANGE DUE TO ROOM LAYOUT AND/OR OTHER SITE OBSTRUCTIONS.

TITLE:

FLAT ROOF SECTION

JOB NAME:

LOCATION:

SCALE: 1:50

DATE: 20-12-19

REPRESENTATIVE:

SHEET. #:

JOB #:

P.O. #:

DRAWN BY: A.Z

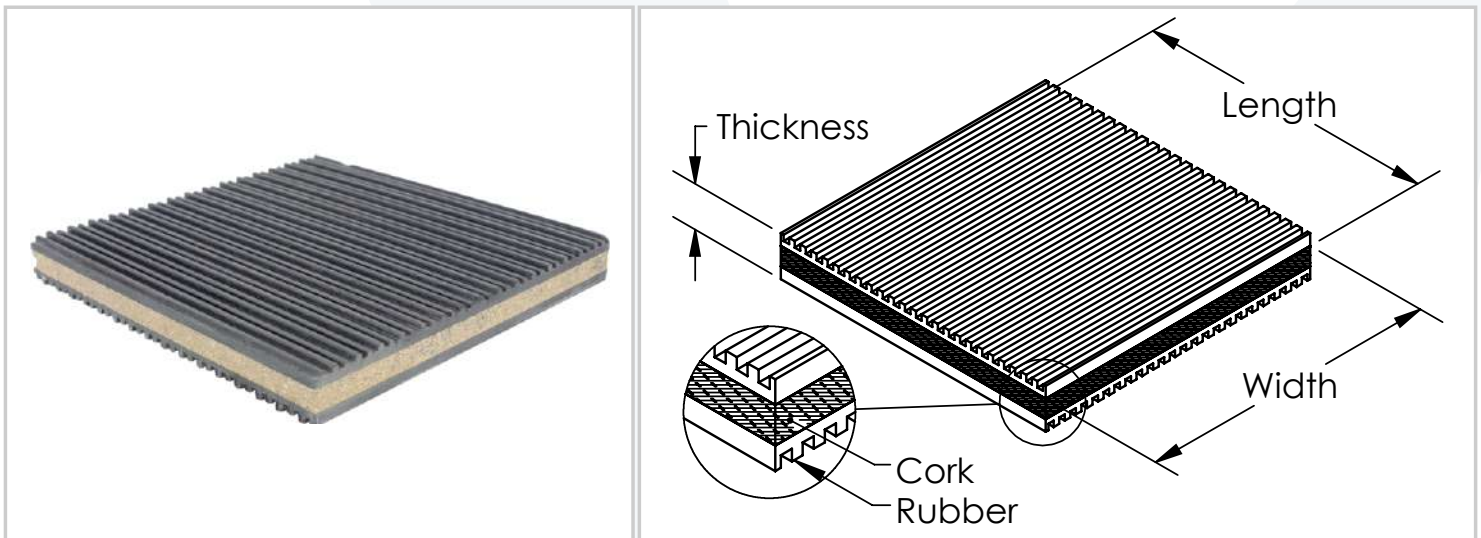
CORK RUBBER MOUNTING PADS

CRMP Series

VibraSystem Inc. CRMP Cork Rubber Mounting Pad is designed to solve problems caused by structure born vibration and noise. Constructed of cork with opposed ribbed pads on either sides for added isolation and positive grip.

Recommended for:

The CRMP Pad is suitable for applications where bolting is to be avoided and minor non-critical vibration conditions exist. It is also recommended for indoors applications such as compressors, blowers, AC units, chillers, pumps, etc.



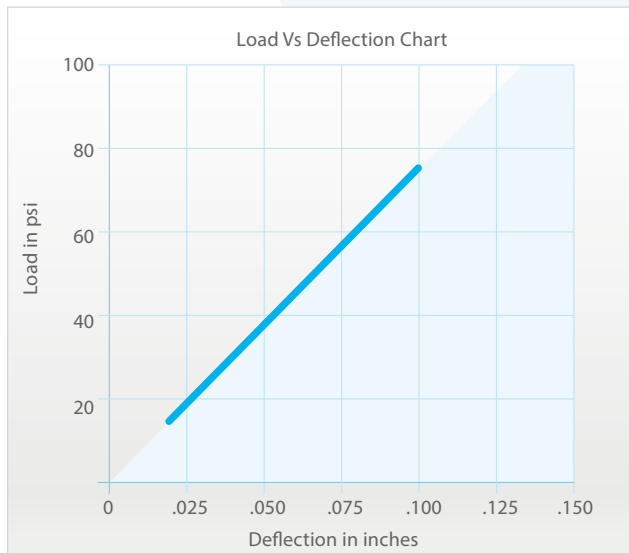
Features:

- ✓ Simple field installation. No bolting required.
- ✓ Excellent product for acoustic problems applications.
- ✓ Anti-skid surfaces through ribbed construction.

CORK RUBBER MOUNTING PADS

Cut size : 2" x 1.5" x 0.90"

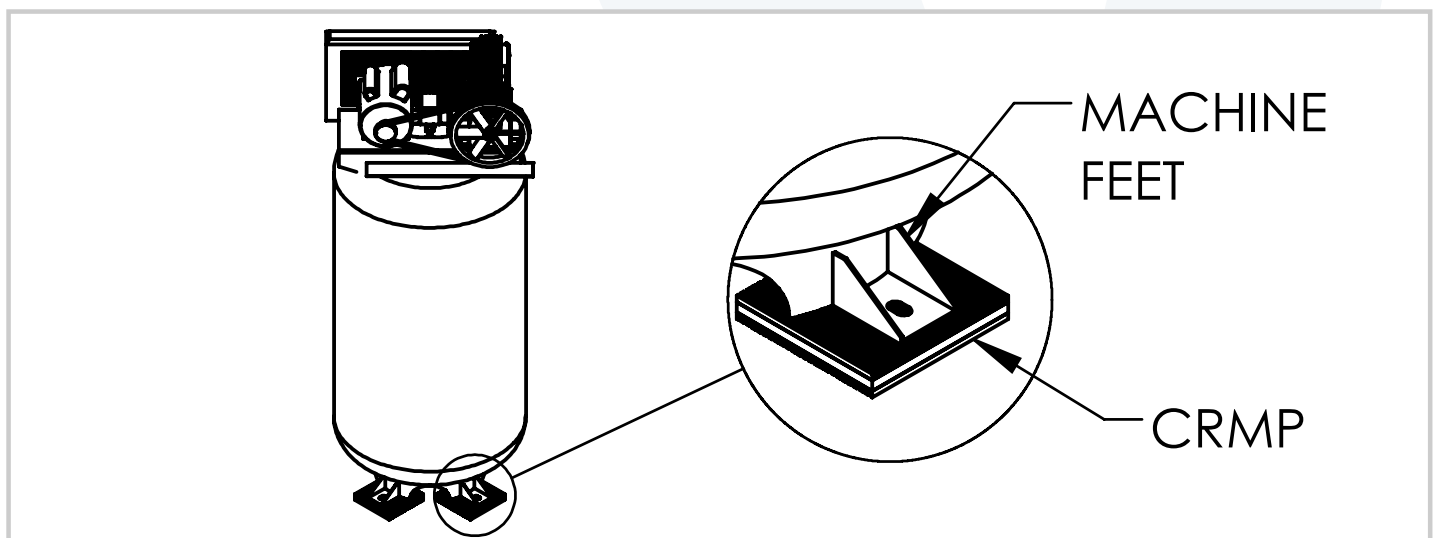
Model	Working Load Range (lbs)	Dimensions in inches			Color
		Length (in)	Width (in)	Thickness (in)	
CRMP-0202	60 - 300	2	2	.90	Black
CRMP-0303	135 - 675	3	3	.90	Black
CRMP-0404	240 - 1,200	4	4	.90	Black
CRMP-0606	540 - 2,700	6	6	1.25	Black
CRMP-0808	960 - 4,800	8	8	1	Black
CRMP-1212	2,160 - 10,800	12	12	1	Black
CRMP-1818	4,860 - 24,300	18	18	.90	Black

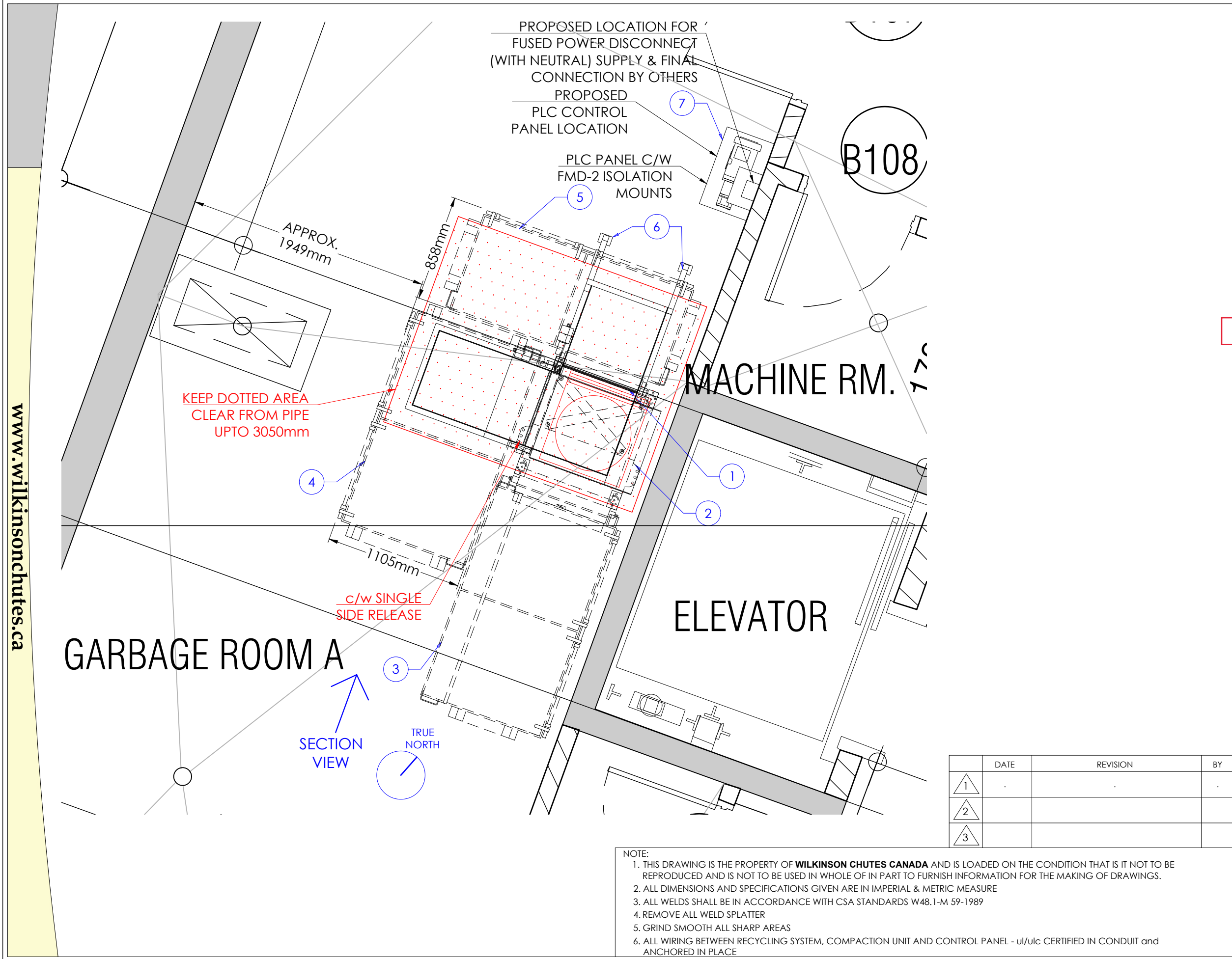


Note:

1. Material: Special rubber cross-ribbed pad with low density cork.
2. Working Range: 15 to 75 psi.

Typical Installation:





www.wilkinsonchutes.ca

PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.

COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

WASTE MANAGEMENT EQUIPMENT LIST	
1	ELECTRIC TRISORTER CORNER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	

WILKINSON
CHUTES CANADA®

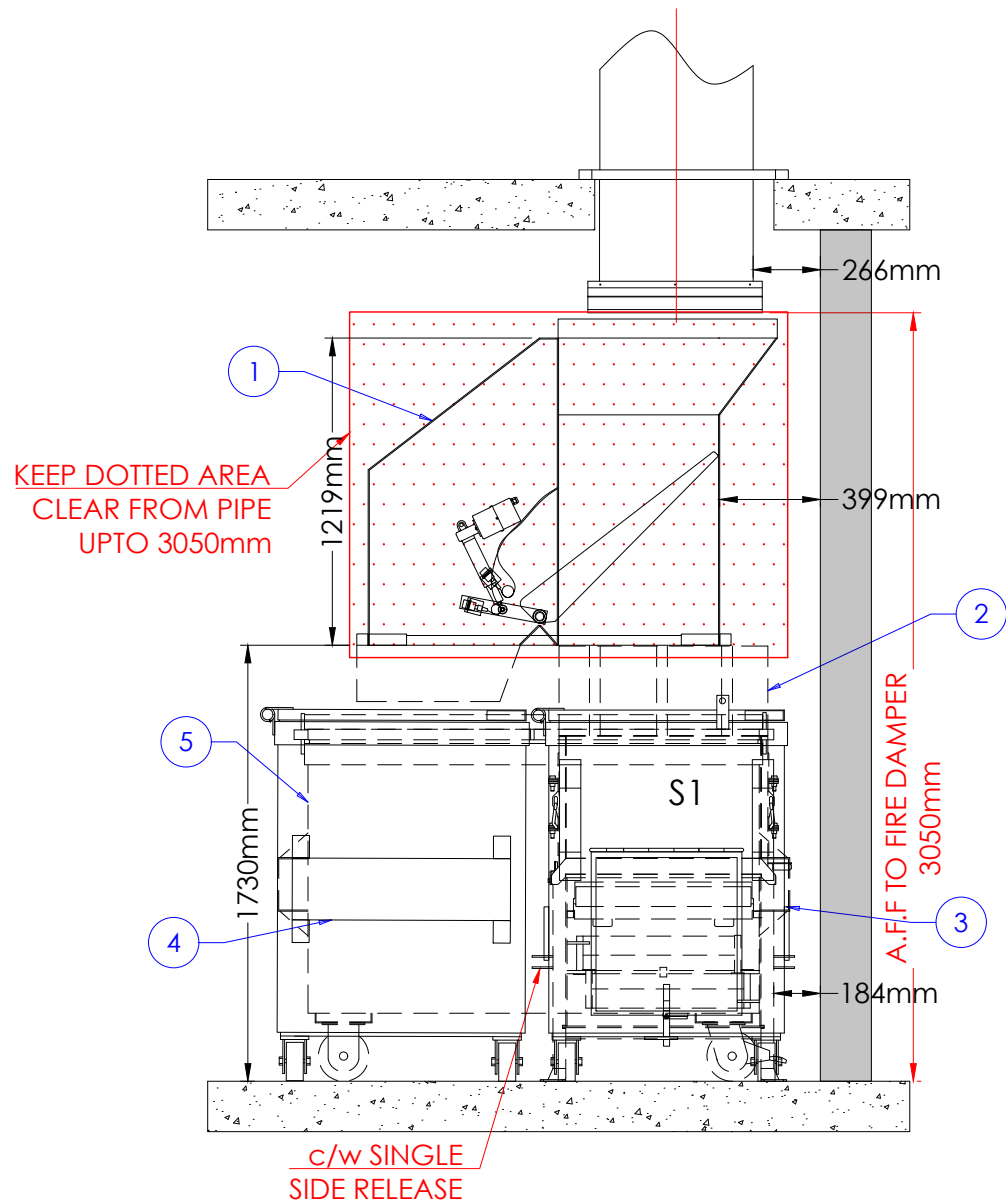


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	DATE	REVISION	BY
1			
2			
3			

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - PLAN VIEW		
JOB NAME: FORESTSIDE A		
REPRESENTATIVE: ROYAL PINE HOMES		
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC001



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POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.
COMPACTION TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP
(208V, 30AMP PREFERRED)

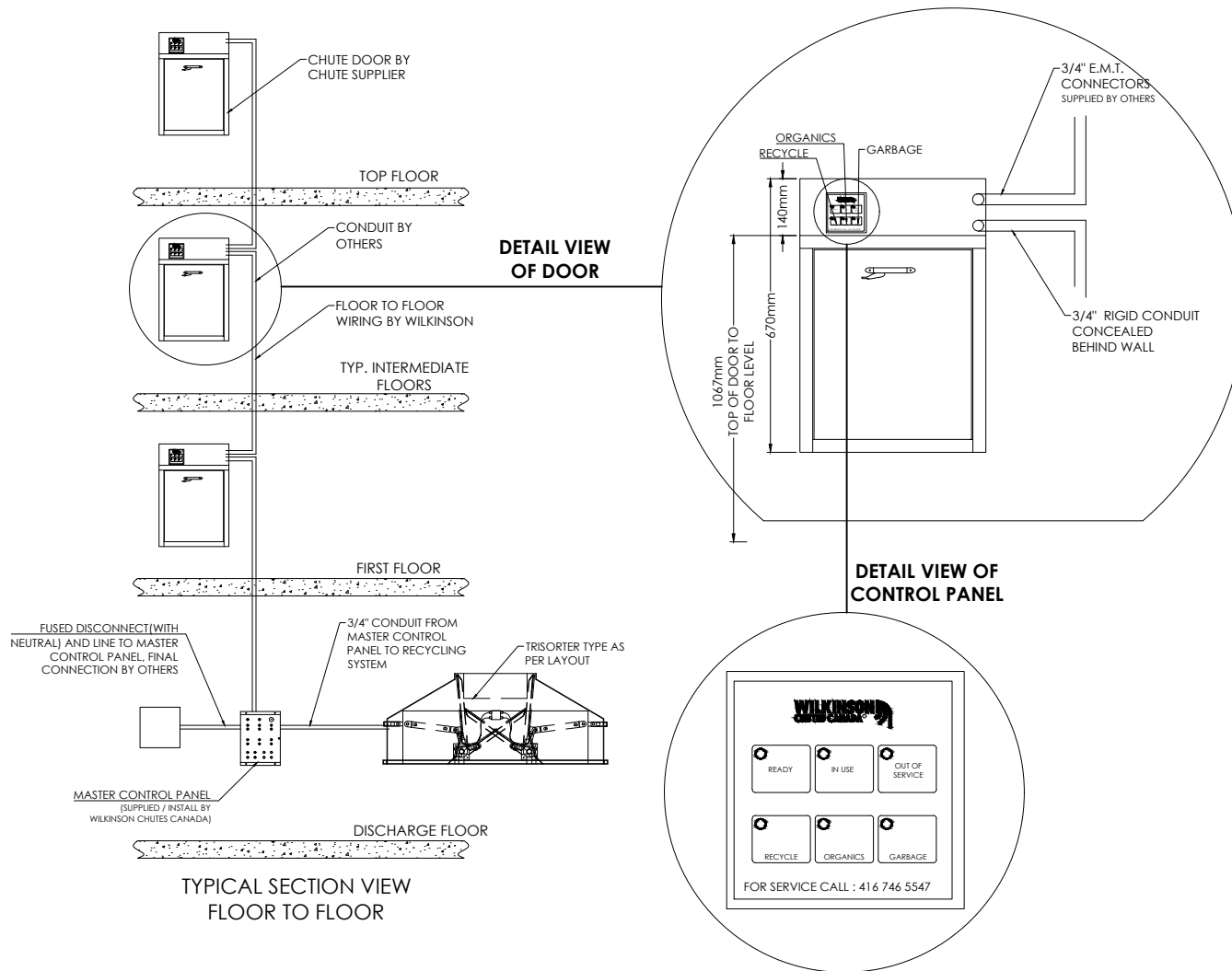
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2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
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4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
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6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	



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WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - SECTION VIEW		
JOB NAME: FORESTSIDE A		
REPRESENTATIVE: ROYAL PINE HOMES		
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC002

ELECTRICAL AND WIRING INFORMATION



NOTE:

1. CONTRACTORS TO SUPPLY AND INSTALL 3/4" CONDUIT.
2. FACE WALL OF DISCHARGE ROOM MUST NOT BE INSTALLED PRIOR TO CHUTE AND INTAKE DOOR.
3. CONTRACTORS TO CONFIRM DETAILS WITH WILKINSON CHUTES CANADA.
4. VOLTAGE IN DISCHARGE ROOM TO BE 120V, 15AMP SWITCH C/W NEUTRAL FOR TRISORTER AND 3 PHASE, 208 VOLT, 30 AMP (OR 575 VOLT, 15 AMP) 2HP FOR COMPACTOR
VOLTAGE FLOOR TO FLOOR TO BE 24VOLT
5. PROVIDE SIGNAGE FOR SYSTEM OPERATION.

x TWO (2)
RESIDENTIAL CONTROLS
FOR ELECTRICAL INTERLOCKING
TRI-SORTER SYSTEM

**WILKINSON
CHUTES CANADA®**

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TITLE: ELECTRICAL & WIRING INFORMATION

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

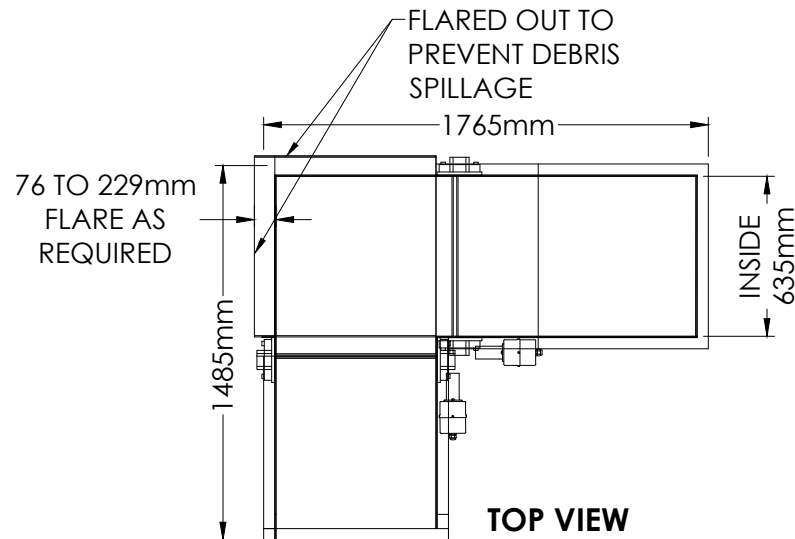
SHEET#:

DRAWN
BY: R.P.

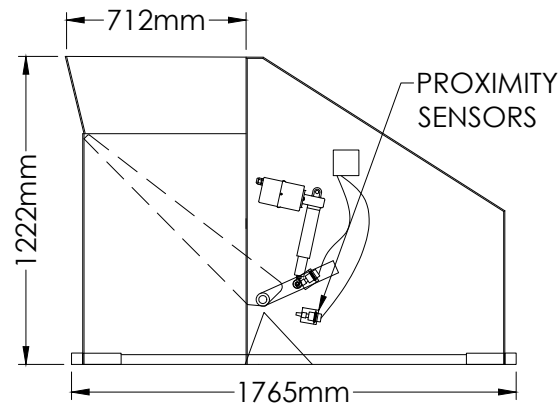
SCALE: N.T.S

JOB#: 19-381

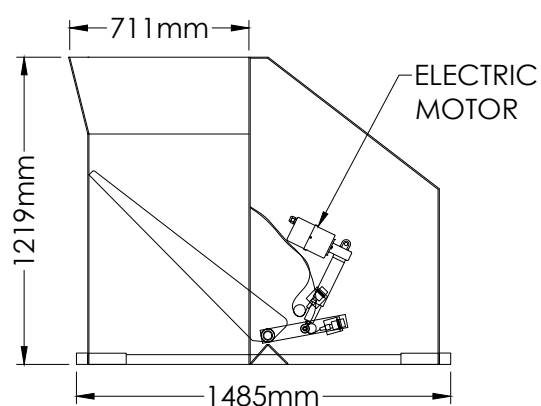
WCC003



CLEAR TOP OPENING

**FRONT VIEW**

CLEAR TOP OPENING

**SIDE VIEW****NOTE:**

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - U/I/C CERTIFIED IN CONDUIT and ANCHORED IN PLACE

SPECIFICATION:

- | | |
|------------------------------------|----------|
| 1. WEIGHT | 1000 lbs |
| 2. BODY - 1752mm x 1500mm x 1219mm | |
| 3. CLEAR AREA REQUIRED | 3050mm |
| 4. CLEAR TOP OPENING | 686mm |
| 5. TUBE FRAME | 51mm |
| 6. HOUSING STRUCTURE | 14 GA |
| 7. MECHANICAL COVER | 16 GA |

FLAPS:

- | | |
|-------------------------|---------------|
| 1. SIZE (APPROX.) | 635mm x 914mm |
| 2. H.D. PIVOT SHAFT ROD | Ø51mm |
| 3. H.D. PIVOT SHAFT CAM | 51mm x 75mm |

CYLINDERS:

- | | |
|-------------|-----------|
| 1. ELECTRIC | 2 - 101mm |
| 2. DIAMETER | 38mm |

POWER UNIT:

POWER SUPPLY: 120VOLT, 15AMP ELECTRIC
PLUG C/W NEUTRAL AND GROUND

- | | |
|----------|---|
| 1. MOTOR | 2 H.P |
| 2. POWER | 600V-15AMP / 208V-30AMP
(PLEASE SPECIFY) |

CONTROL PANEL:

1. OPEN/CLOSE (NON LOCKING/LOCKING SYSTEM)
*USER CONTROL BOX (ON ALL FLOORS)
2. ON/OFF
3. EMERGENCY BUTTON

**WILKINSON
CHUTES CANADA®**

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
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WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: ELECTRIC TRI-SORTER CORNER UNIT

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

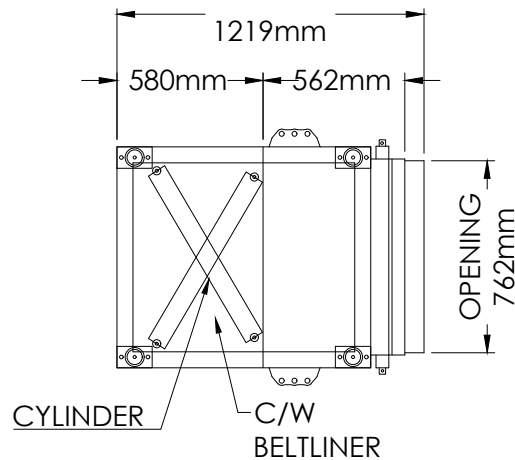
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DRAWN BY: R.P.

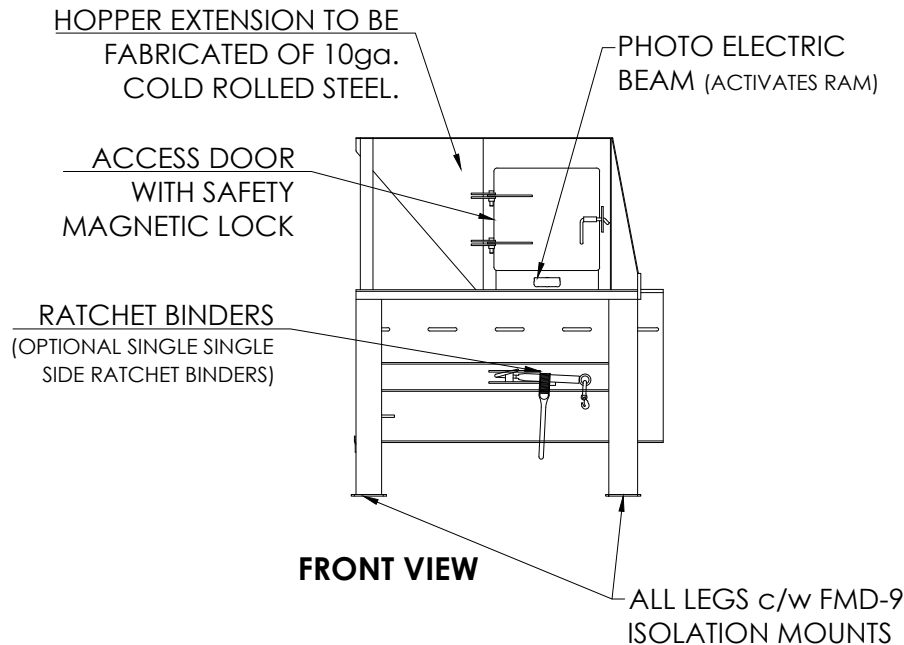
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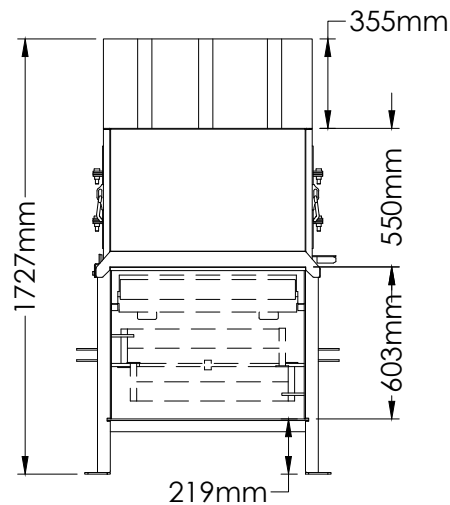
WCC00



TOP VIEW



FRONT VIEW



SIDE VIEW

CONSTRUCTION:

- | | |
|----------------------|--------------|
| 1. WEIGHT | 1500lbs |
| 2. SIDES | 9.5mm |
| 3. BOTTOM | 9.5mm |
| 4. RAM FLOOR | 9.5mm |
| 5. RAM FACE | 9.5mm |
| 6. RAM PENETRATION | 100mm |
| 7. LEGS (TUBE STEEL) | 100mm x 51mm |
| 8. HOPPER EXTENSION | 10ga |

SPECIFICATIONS:

- OVERALL FOOTPRINT/ELEVATION 1.22m x 0.88m x 1.42m
- CHARGE CHAMBER CAPACITY 0.32cu/yd
- VOLUME DISPLACEMENT CAPACITY
- DUAL ADJUSTABLE CONTAINER RATCHET BINDERS. * OPTIONAL SINGLE SIDE RELEASE MECHANISM
- FULL CONTAINER AUTO SHUT DOWN

ELECTRICAL:

- 3 PHASE POWER SUPPLY
- PHOTO ELECTRIC BEAM
- SIDE DOOR MAGNETIC INTERLOCK WITH LATCH
- MOTOR 575V / 208V
- CONTROL PANEL**
- SMART LOGIC RELAY CONTROLS
- ON / OFF SWITCH
- EMERGENCY SHUT DOWN BUTTON

HYDRAULIC:

- OIL TANK CAPACITY 9gals
- PUMP 3 G.P.M
- CYLINDER 2-76mm BORE
- OPERATING PRESSURE 1500 PSI
- STEEL BRADED HOSES c/w 12.7mm COUPLINGS

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- GRIND SMOOTH ALL SHARP AREAS
- ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - u/i/c CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE: AP-4830 COMPACTOR UNIT

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

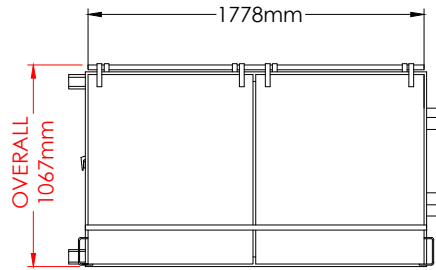
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BY: R.P.

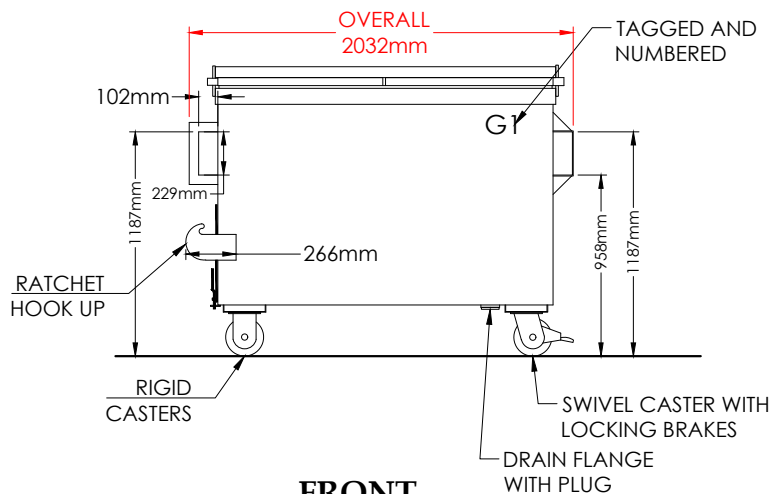
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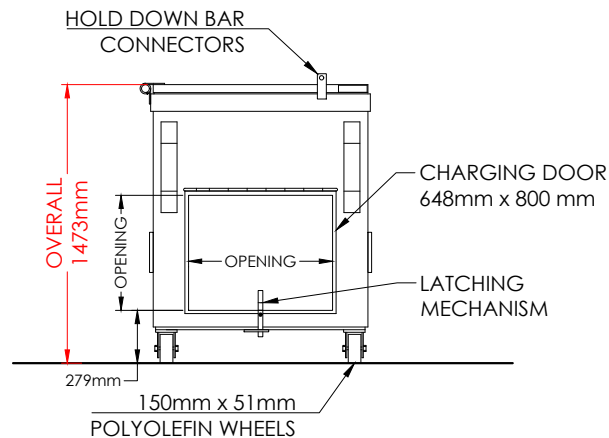
WCC005



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLACK
2. LABELED / NUMBER
 - 2.1. Ex. G1, G2, G3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. CHARGING DOOR WITH LATCHING MECHANISM
5. TWO (2) RATCHET HOOK UP
 - 5.1. SINGLE SIDE HOOK UP ALSO AVAILABLE
6. DRAIN FLANGE WITH PLUG
7. LIDS PIVOT AT 270 DEGREES
8. OVERALL LENGTH 2030mm
9. OVERALL HEIGHT 1473mm
10. OVERALL WIDTH 1016mm

QUANTITIES: TWO (2) TOTAL

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CHUTES CANADA®**

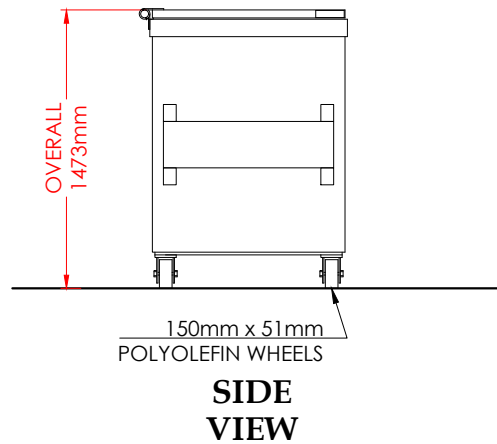
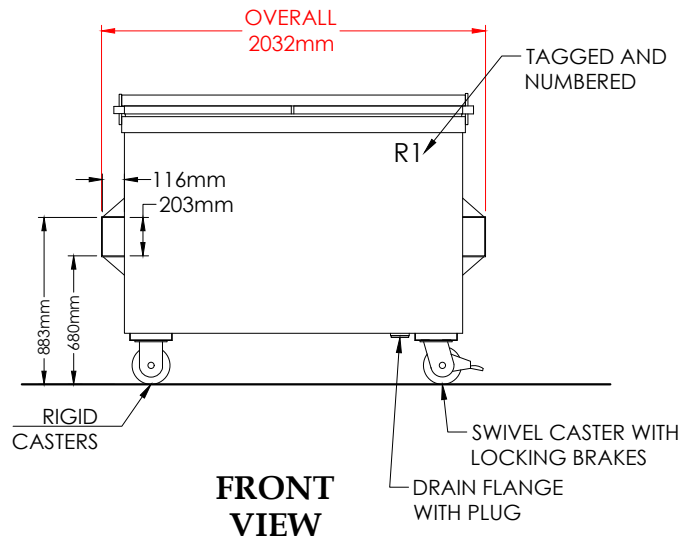
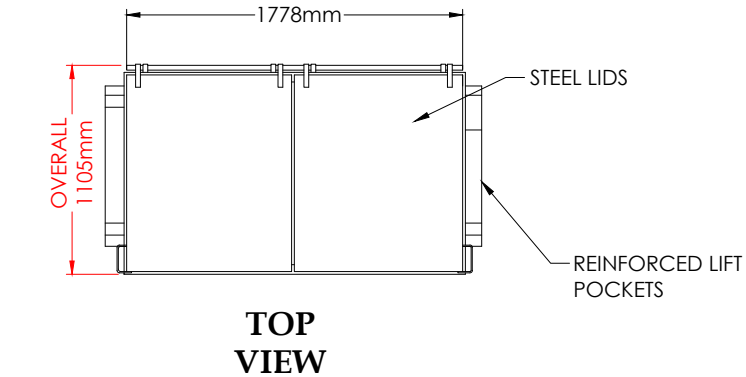
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TITLE: STANDARD GARBAGE BIN

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC006

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLUE
2. LABELED / NUMBER
 - 2.1. Ex. R1, R2, R3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1473mm
8. OVERALL WIDTH 1117mm

QUANTITIES: TWO (2) TOTAL

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CHUTES CANADA®**

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WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: RECYCLE BIN

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

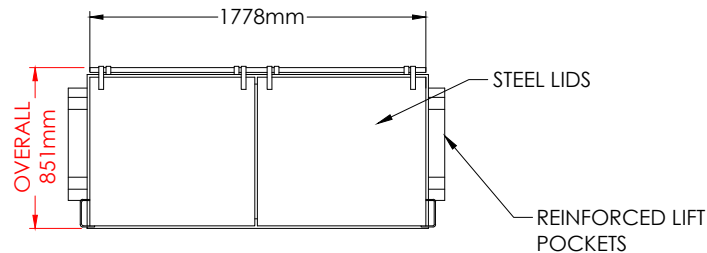
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BY: R.P.

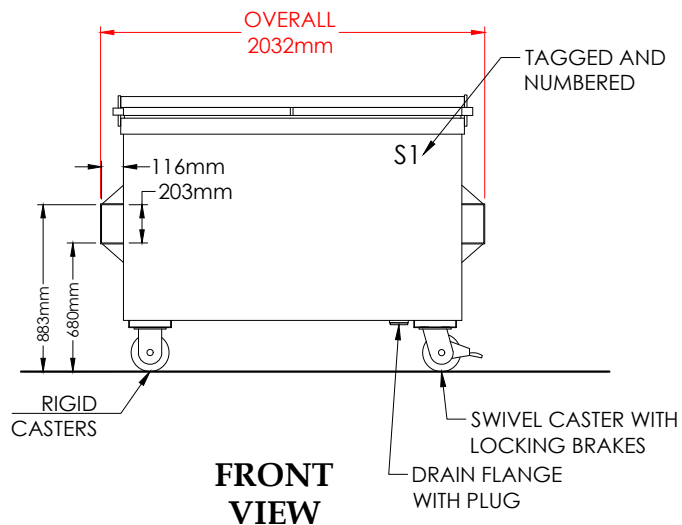
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JOB#: 19-381

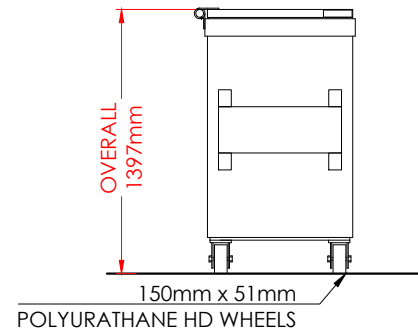
WCC007



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED GREEN
2. LABELED / NUMBER
 - 2.1. Ex. S1, S2, S3...
3. 150mm x 51mm POLYURATHANE WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1397mm
8. OVERALL WIDTH 813mm

QUANTITIES: ONE (1) TOTAL

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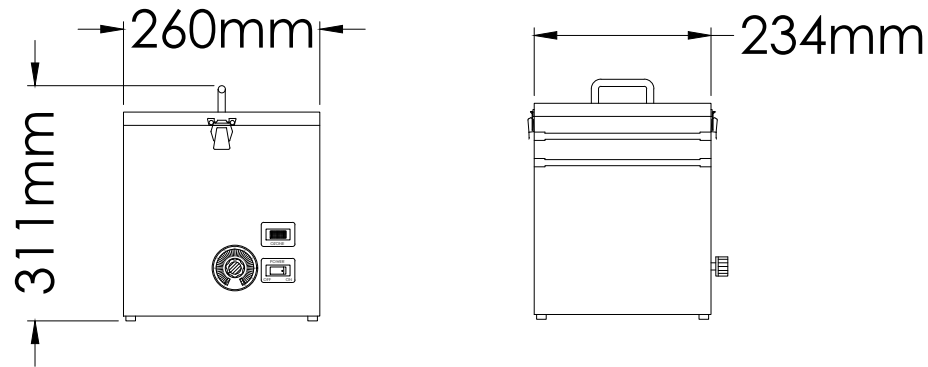
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TITLE: ORGANICS BIN

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC008



SPECIFICATION:

1. WIDTH: 26CM
2. DEPTH: 24.8CM
3. HEIGHT: 31.1CM
4. COVERAGE: 700M³
5. OUTPUT: 400 MGS/HR
6. AIR FLOW: 100 CFM
7. POWER USAGE: 30W
8. WEIGHT: 4.1KGS
9. VOLTAGE 110/220V

SITE REQUIREMENT:

ELECTRICAL PLUG CONNECTION
TO BE PROVIDED 2' RADIUS
INSTALLATION OF UNIT.

QUANTITIES: ONE (1) TOTAL

**WILKINSON
CHUTES CANADA®**

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TITLE: ODOUR CONTROL UNIT

JOB NAME: FORESTSIDE A

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:10	JOB#: 19-381
		WCC010



RODENT (VERMIN) CONTROL SYSTEM

PART # WCC-3



QUANTITY: ONE (1) TOTAL

Safe, effective “catch & release” Vermin Control System.
Bait Optional (Peanut Butter etc.) – Multiple Capacity (10 +).
No chemicals or poisons required.
Durable Galvanized Steel, Construction.
Ideal in Compactor / Waste – Recycling – Organics Areas

WCC FLY CONTROL



WCC– Fly Control falls in the range of top of the line “electrocuting” flytraps that are ideal for sensitive areas where effectiveness and ease of maintenance is a top priority.

Constructed in either white metal or high quality stainless steel, the WCC– Fly Control has been manufactured with the specific needs of industrial and commercial users in mind.

SPECIFICATIONS

- Material: White metal
- Dimensions: 25.25"W x 14.5"H x 5.25"D
- Coverage: 20000ft²
- Tube: 2x20W
- Unit Weight: 18.5Lbs
- Box Weight: 21Lbs

IDEAL USE FOR:

- Industrial plants and factories
- Compactor rooms
- Hospitals
- Warehouses
- Loading docks
- Dumpster areas
- Office buildings
- All industrial and commercial premises that require a pest free zone without the need of excessive maintenance

FEATURES

- Industrial strength ultraviolet bulbs
- Easy-glide pullout tray
- Follows all requirements of FDA, USDA, & EPA codes
- 20000ft² coverage
- Large catch area
- Pull out front for easy cleaning
- Safety cut-off switch
- UL listed
- 3 year warranty

QUANTITY: ONE (1) TOTAL

****REQUIRES STANDARD ELECTRICAL OUTLET. MOUNTING DEPENDS ON END CLIENT. WE PREFER IT TO BE ON FLOOR NEXT TO OUTLET**

24HR EMERGENCY SERVICE AVAILABLE 416.746.5547

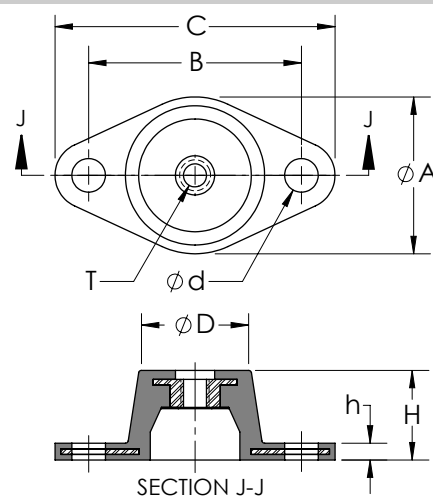
COMPRESSION MOUNTS

FMD compression mounts have great vertical-direction flexibility, and significantly reduce transfer of vibration to the supporting structure. These models are designed for installation on applications with continuous and intermittent loads. Elastomeric bodies of the isolators effectively prevent metal-to-metal contact.

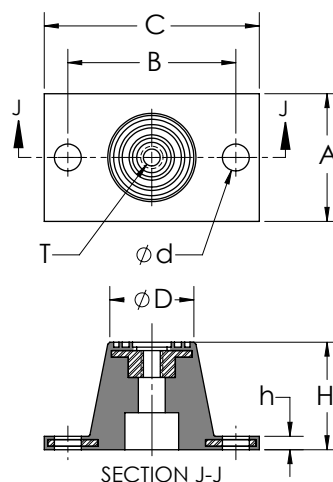
Recommended for:

Motors, fans, pumps, compressors, transformers, electrical, lab-testing equipment and cabinet enclosures, as well as HVAC and other industrial equipment.

FMD-1, 2, 3, 4, 5, 6, 7N, 8N, 9N



FMD-7, 8, 9

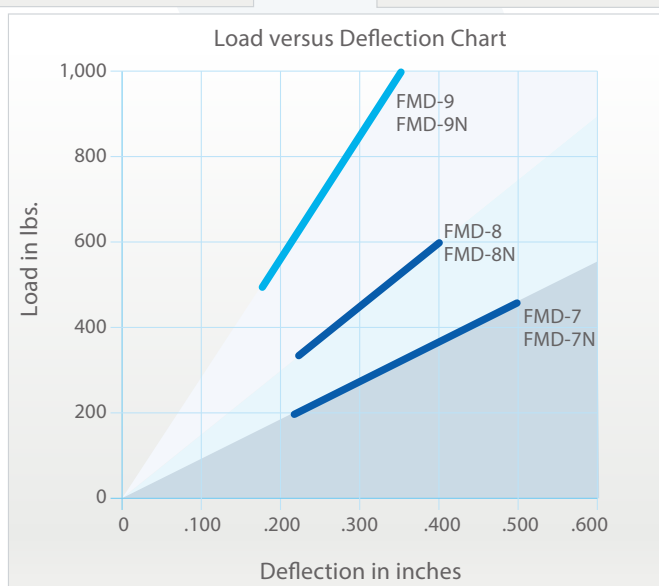
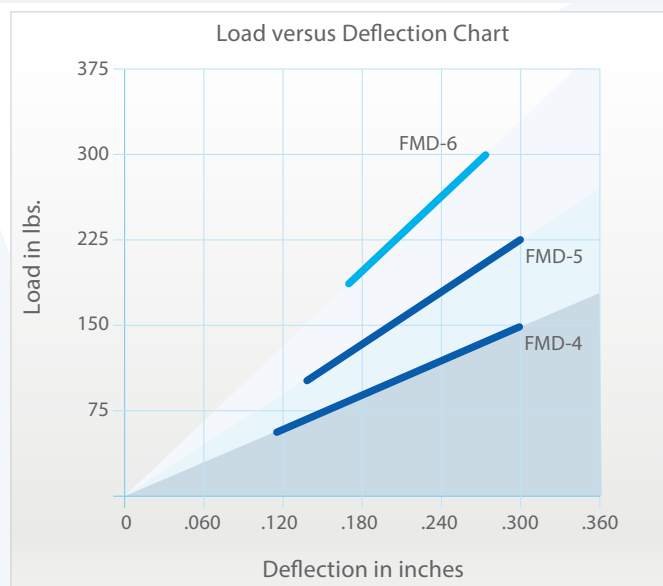
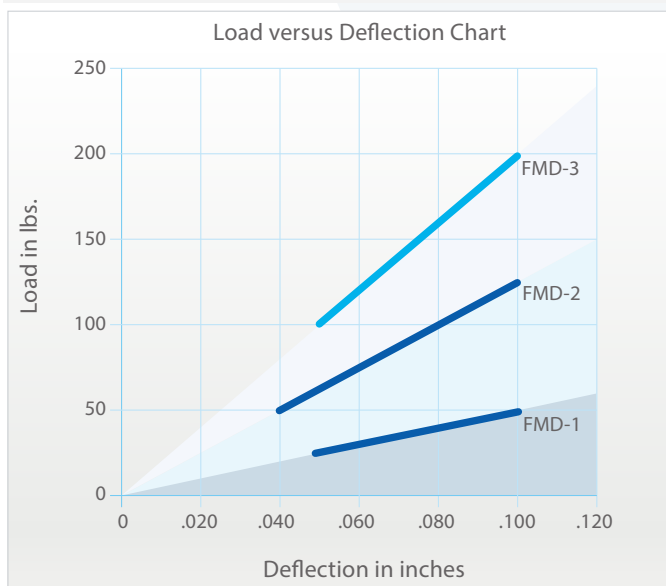


Features:

- ✓ Maximum dynamic loads should not exceed 70% of maximum load capacity
- ✓ FMD models 1 to 6 can be used for wall ceiling mounts installations.
- ✓ Double deflection mounts provide better isolation for low frequency equipment such as fans, etc.
- ✓ Durable and corrosion-resistant.

COMPRESSION MOUNTS

Model	Maximum Load (lbs)	Mount Dimensions (inch)								Color
		A	B	C	D	H	h	d	T	
FMD-1	50	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Red
FMD-2	125	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Green
FMD-3	200	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Black
FMD-4	150	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Red
FMD-5	225	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Green
FMD-6	300	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Black
FMD-7	450	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Green
FMD-8	600	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Red
FMD-9	1,000	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Black
FMD-7N	450	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Green
FMD-8N	600	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Red
FMD-9N	1,000	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Black



COMPACTOR BELTLINER

PLYLON PLUS PROTECTOR 330/3/48 1/4 X 1/16"

PROTECTOR

International Standards

ARPM Grade II, AS Grade E

A Grade II compound for applications requiring good abrasion and gouge resistance and very good flex life.

Resistance Properties

Abrasion	Good
Flame	No
Cut & Gouge	Good
Oil	No
Static Conductive	ISO 284

Physical Properties

Tensile	2300	psi
Elongation	510	%
DIN Abrasion	145	cu.mm
Hardness	61	Shore A

Material Temperature

Low Temperature	-30 degree F
High Temperature	150 degree F

Conveyor Belt Data

Warp Yarn	Polyester
Weft Yarn	Polyester
Nominal Carcass Gauge	0.161 in
Nominal Overall Gauge	0.474 in
Nominal Carcass Weight	1.06 lb/sq.ft
Nominal Belt Weight	11.8 lb/ft
Average Permanent Elongation	0.8 %
Elastic Modulus	34,500 piw
Step Length	10 in
Recommended Fasteners	Plate 190
	Hinge R2
	Hinge U35A

Load Support

Max Belt Width (in)

0-40 lbs/cu.ft	20 deg	60
	35 deg	54
	45 deg	48
41-80 lbs/cu.ft	20 deg	60
	35 deg	48
	45 deg	42
81-120 lbs/cu.ft	20 deg	54
	35 deg	48
	45 deg	42
Over 120 lbs/cu.ft	20 deg	48
	35 deg	42
	45 deg	36

Note: Widths in red indicate that your selected width is outside the recommended guidelines for this application. Please consult ContiTech.

Continental



ContiTech | DISTRIBUTOR

Ultimate Tensile	3310 PIW
Rip	1310 lbs
Transverse Tear	380 lbs
Longitudinal Tear	250 lbs

Troughability

Min. Belt Width (in)

20 deg idlers	18
35 deg idlers	24
45 deg idlers	30

If top and pulley cover are balanced or less than 1/16" differential, add 6" to the minimum belt width.

Minimum Pulley Diameters (in)

Over 80% Tension	18
60% to 80% Tension	16
40% to 60% Tension	12
Up to 40% Tension	12

If the cover gauge exceeds 1/2" please consult ContiTech for the appropriate minimum pulley diameters.

REVIEWED	
REVIEWED AS NOTED	
REVISE AND RESUBMIT	

This review by GRAZIANI + CORAZZA Architects Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that GRAZIANI + CORAZZA Architects Inc. approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the contract documents. The Contractor is responsible for dimensions to be confirmed and related at job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all subtrades. GRAZIANI + CORAZZA Architects Inc.

By: **MA** Date: **05.OCT.2021**

Shop Drawing Submission for:

Chute & Waste Management System

1st Submittal (September 27, 2021)

Project:

FORESTSIDE BLDG B
65-95 ATTMAR DR,
BRAMPTON, ON

Job # 19-381

To:

ROYAL PINE HOMES
3550 LANGSTAFF RD, STE 200,
WOODBRIIDGE, ON

Attn: JEFFREY ELLIS

United Engineering Inc.	
PROFESSIONAL CONSULTING ENGINEERS	
THIS SHOP DRAWING IS:	
<input checked="" type="checkbox"/> REVIEWED	
<input type="checkbox"/> REVIEWED AS MODIFIED	
<input type="checkbox"/> REVISE AND RESUBMIT	
<input type="checkbox"/> SUBMIT TO HYDRO FOR APPROVAL	
The Review of these shop drawings is for general design only and shall not relieve the contractor from conforming to the contract drawings and specifications.	
All dimensions and sizes shall be checked.	
DATE:	CHECKED BY:
2021-10-04	MECH ELEC SP

- ❖ Please provide your anticipated install date and occupancy date so that we may schedule any site visits and production schedules accordingly. Once we have received approved drawings please advise when you will be ready for the site verification. Once completed we can start the fabrication of Chute with 8-10 weeks lead time and Waste Management System with varying production lead time.

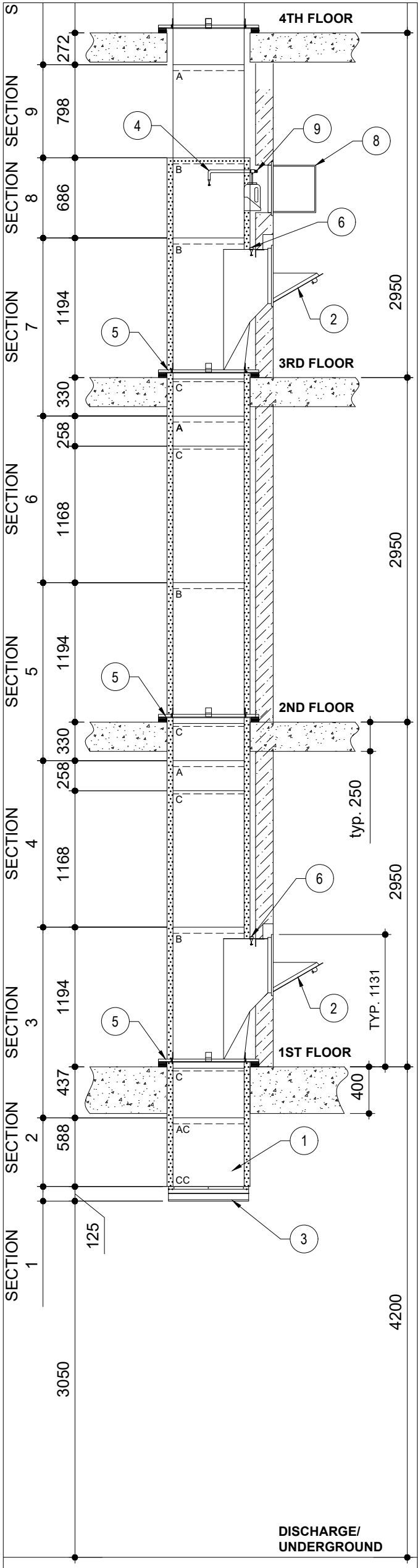
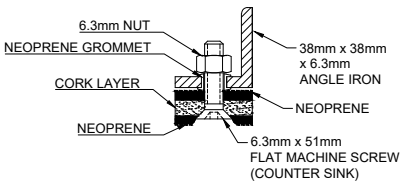
Anticipated Install Date: Chute: _____

WME: _____

Anticipated Occupancy Date: _____

Site Check Date: _____

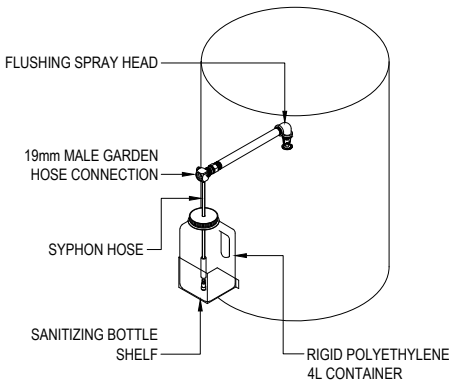
FLOOR FRAME & ISO
PADS DETAILS SCALE (1:4)



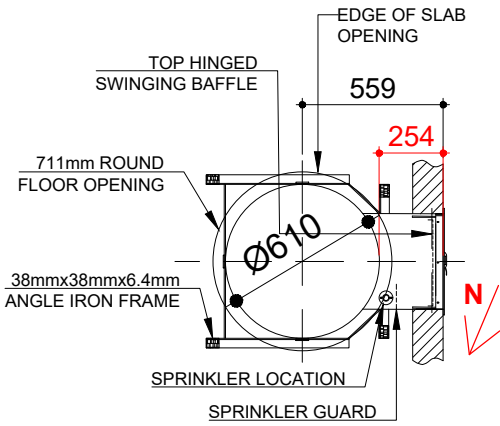
1 TRISORTER CHUTE SECTION
SCALE: 1:40

FINISHED WALL TO BE FLUSH WITH
3/16" ANGLE AROUND THE DOOR TO
INCLUDE BLOCK, DRY WALL, TILES
OR ALL THREE.

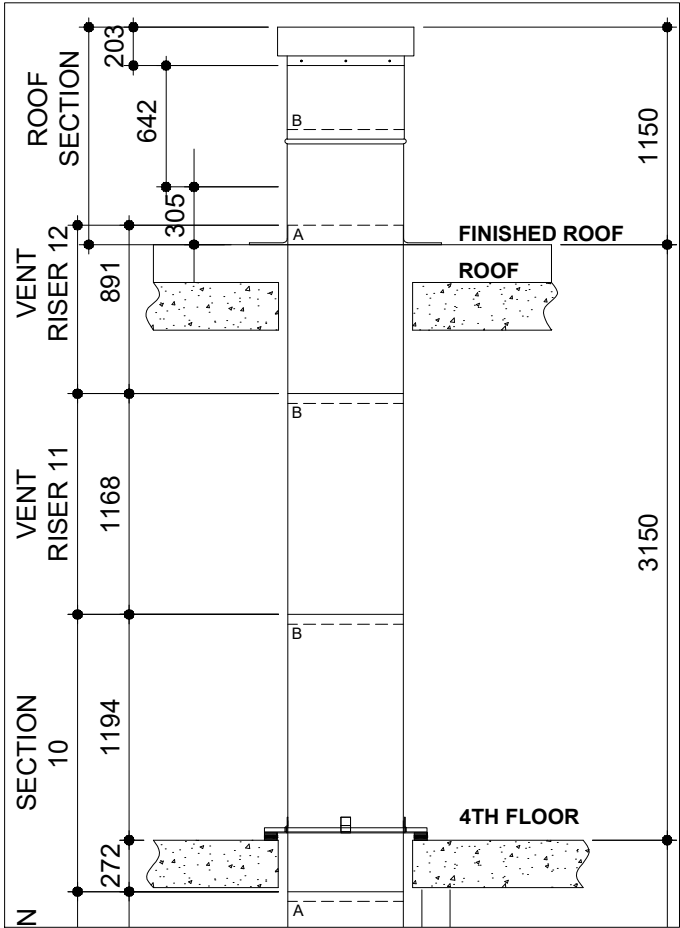
DISINFECTING AND SANITIZING
DETAILS SCALE (1:30)



TYPICAL INTAKE
DETAIL SCALE (1:30)



711mm [28"] ROUND FLOOR
OPENING REQUIRED



	DATE	REVISION	BY
1			
2			

- NOTES:
- ALL CHUTES TO HAVE WELDED VERTICAL LOCK SEAMS AND INSIDE LAP ROUNDOUT JOINTS. PARTITIONS AROUND CHUTES NOT TO BE PLACED UNTIL AFTER CHUTE INSTALLATION, CUTTING OF FLOOR(S) SLAB(S) / ROOF OPENINGS OR CHUTES SHALL BE PERFORMED BY OTHERS. MISCELLANEOUS STEEL TO HAVE SHOP COAT OF PROTECTIVE ENAMEL.
 - CONTRACTORS TO VERIFY AND APPROVE ALL DIMENSIONS ON THESE DRAWING WITH CONDITIONS ON THE JOB SITE. WILKINSON CHUTES CANADA WILL NOT BE RESPONSIBLE FOR DEVIATIONS FROM THE DRAWING ONCE APPROVED.
 - IF FLOOR FRAMES ARE TO SIT ON SUB FLOORS, PLEASE PROVIDE INFORMATION REGARDING THICKNESS OF FINISHED FLOOR.
 - THE FINAL RESPONSIBILITY FOR ENSURING THAT DOORS ARE SITTING FLUSH TO WALLS, MUST LIE ON TRADES CONSTRUCTING THESE WALLS, DUE TO MOVEMENT WHICH MAY OCCUR AFTER INSTALLATION.
 - THIS DRAWING IS THE PROPERTY OF WILKINSON CHUTES CANADA AND IS LOANED ON THE CONDITION THAT IT IS NOT TO BE REPRODUCED AND IS NOT TO BE USED IN WHOLE OR PART TO FURNISH INFORMATION FOR THE MAKING OF DRAWING.
 - LINTEL, IF REQUIRED ABOVE DOOR, BY OTHERS

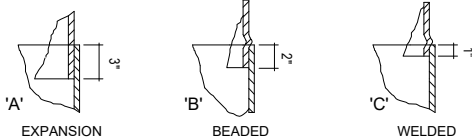
1	CHUTE RISER TO BE 610mm [24"] DIA. FABRICATE WITH 16ga. SATINCOTE STEEL
2	50MM FOIL BACK INSULATION, TO BE WRAPPED AROUND EXTERIOR OF CHUTE FROM SECTION 2 TO 8
3	TYPICAL INTAKE DOOR WILKINSON TYPE DOOR W5VDBEI 380mm x 450mm. BOTTOM HINGED NOISELESS, SELF-CLOSING, SELF-LATCHING, STAINLESS STEEL FINISHED C/W TOP HINGED INSWINGING BAFFLES . BEARING A CANADIAN UNDERWRITER'S LABORATORIES 1-1/2 HR., TEMP. RISE 250F. 30MIN LABEL.
4	TWO (2) INTAKE TOTAL
5	C/W TRIM SET FOR EI DOORS (WILKINSON SYSTEM BELOW)
6	C/W INTEGRATED CONTROL BOXES FOR RECYCLING SYSTEM (COMPONENTS NOT INCLUDED)
7	DISCHARGE TYPE "AC" HORIZONTAL ACCORDIAN SPRING LOADED HELD OPEN ON A FUSIBLE LINK ASSEMBLY. ASSEMBLY BEARS 1-1/2 HOUR U.L.C. FIRE RATING.
8	FLUSHING SPRAY HEAD WITH 19mm CONNECTOR READY FOR CONNECTION BY OTHERS.
9	TOED IN CHUTE SUPPORT BY MEANS OF CLIPS WELDED AT QUARTERS TO SIT ON ANGLE IRON AND BAR GRID TYPE FLOOR FRAME. STEEL TO BE 5mm THICK MINIMUM.
10	C/W NEOPRENE - CORK - NEOPRENE ISOLATOR PADS
11	FUSIBLY LINKED 155 F SPRINKLERS TO BE INSTALLED AT TOP INTAKE AND ALTERNATE INTAKE BELOW AND READY FOR CONNECTION BY OTHERS.
12	SPRINKLERS ARE ON: 1ST AND 3RD LEVELS
13	ROOF SECTION TO EXTEND FULL DIAMETER THRU ROOF TO A HEIGHT ABOVE 1000mm. HAVING A FULLY VENTED CAP C/W BIRD SCREEN . PROVIDED WITH A FLAT FLASHING (SEALING BY OTHERS). ROOF EXTENSION AND VENT SHALL BE SATINCOTE STEEL FINISH.
14	ONE (1) FR 16 X16 - 406mm X 406mm SIDE HINGE ACCESS DOOR . DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. (INSTALLED BY OTHERS)
15	ONE (1) DISINFECTING AND SANITIZING UNIT WHERE DESIGNATED ON DRAWING. VACUUM BREAKER, CONTROL VALVE, AND BACKFLOW PREVENTER BY OTHERS. (FLUID & CONNECTION BY OTHERS)

NOTE: SUPPLY & INSTALL

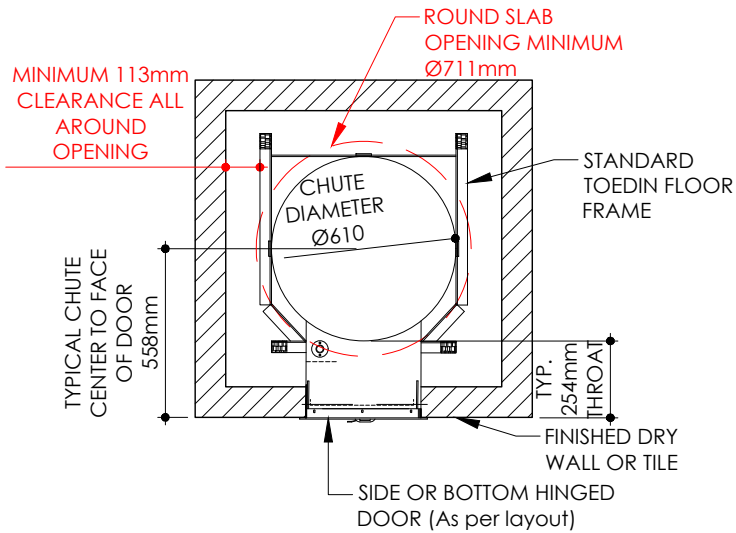
COMPANY:
23 RACINE RD,
TORONTO, ONTARIO
M9W 2Z4
TEL (416) 746-5547
FAX (416) 743 5632
WCHUTES@METROGROUPCAN.COM



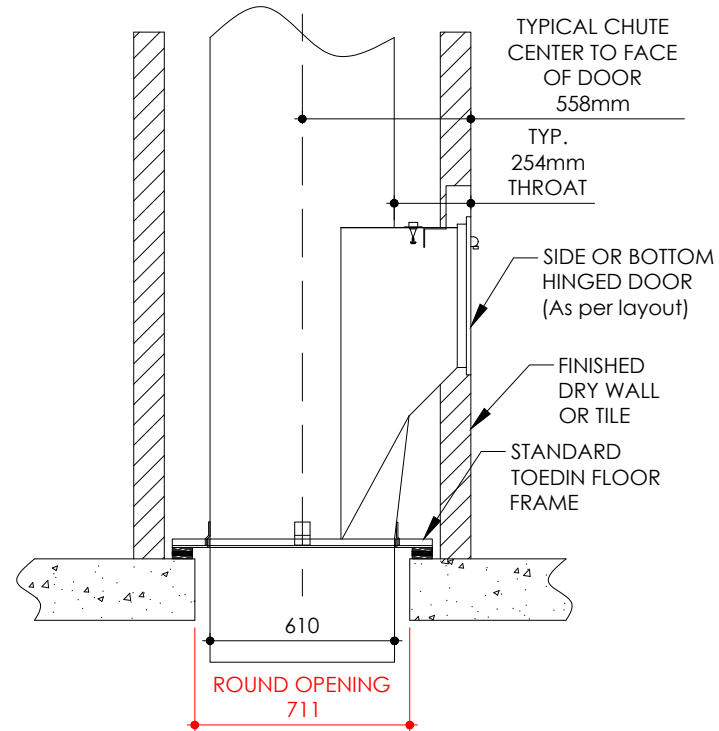
DETAIL OF ROUNDOUT JOINTS



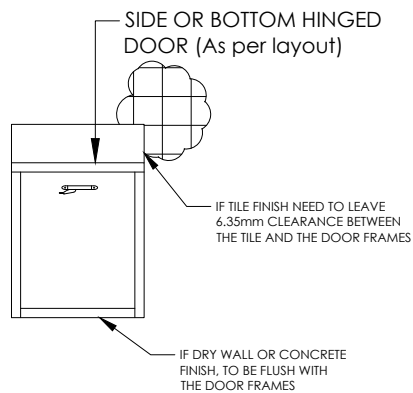
1ST SUBMITTAL	XX	September 27, 2021
2ND SUBMITTAL		
3RD SUBMITTAL		
APPROVED FOR FABRICATION		
JOB NAME:	FORESTSIDE - B	
LOCATION:	BRAMPTON, ON	
REPRESENTATIVE:	ROYAL PINE HOMES	
ITEM: TRISORTER CHUTE - W5VDBEIRAC60	SHEET #:	
DRAWN BY: R.P	P.O #: -	JOB #: 19-381
		1 OF 1



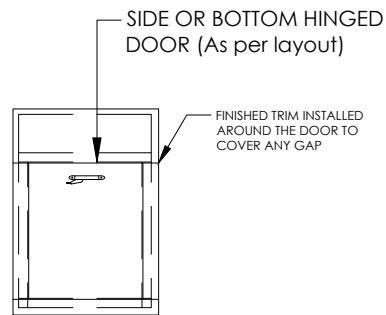
PLAN VIEW



SECTION VIEW



DOOR FRONT VIEW (NO TRIM)



DOOR FRONT VIEW (WITH TRIM)

NOTE: FLOOR FRAME NEEDS TO REST INSIDE SHAFT WALL DUE TO SOUND ISOLATION REQUIREMENT.

PLEASE CLARIFY FLOOR TYPE:

WOOD/CONCRETE/PRECAST FLOOR SLAB

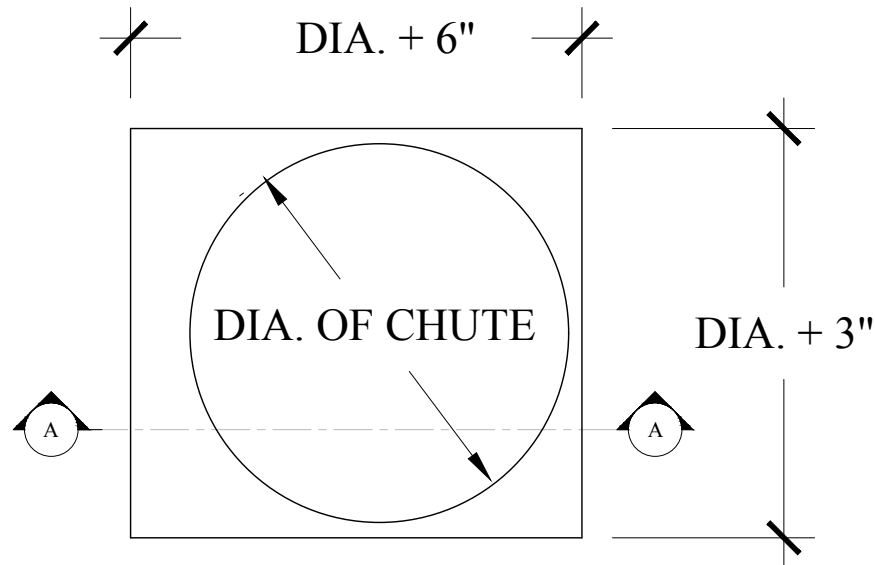
WILKINSON
CHUTES CANADA®

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: TYPICAL ROUND SLAB OPENING		SHEET#:	
DRAWN BY:	R.P.	SCALE: 1:25	DATE: 2020/12/11

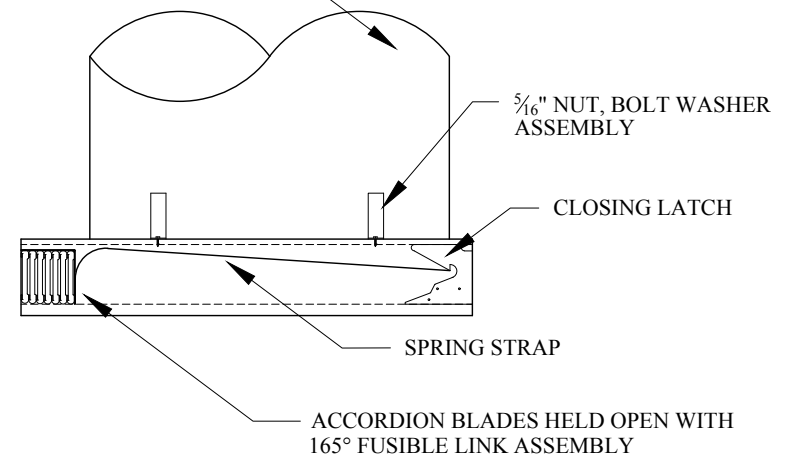
ULC RATED ACCORCION DAMPER ASSEMBLY

DOOR ASSEMBLY CONSISTS OF A SET OF INTERLOCKING TYPE BLADES. HELD OPEN WITH A FUSIBLE LINK. WHEN HEAT RISES ABOVE 165°F OCCURS, LINK MELTS AND TWO SPRING STEEL STAPS PULL BLADES ACROSS CHUTE OPENING.

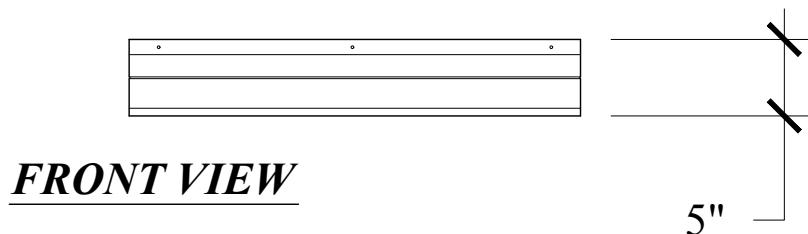


PLAN VIEW

CHUTE RISER WITH CLIPS WELDED FOR
BOLTING TO DAMPER



SECTION A-A



FRONT VIEW

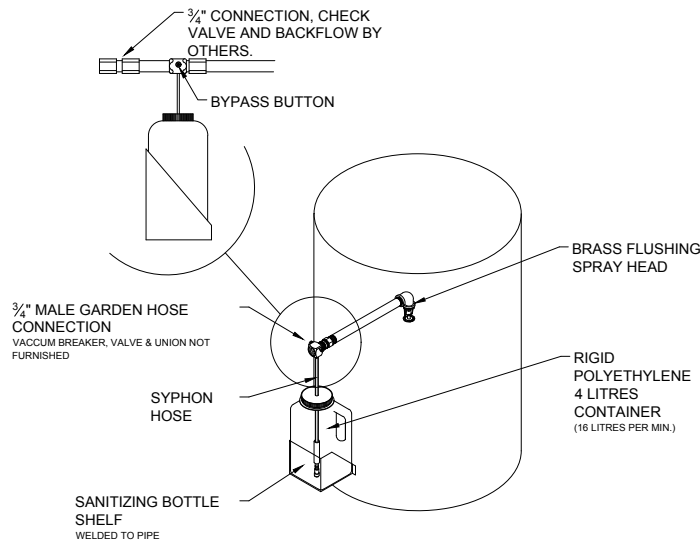


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DWG. TITLE: AC DISCHARGE

SCALE: 1" = 1'-0"

SHEET: 1 OF 1



167 PROPORTIONER

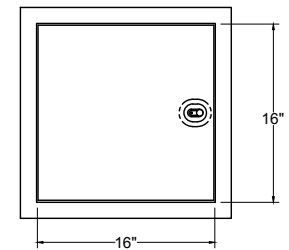
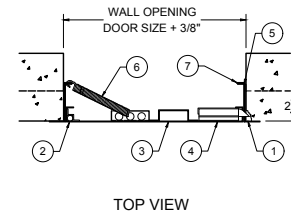
INJECTION RATES FOR VISCOSITIES SHOWN					
1 cps		75 cps		200 cps	
Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio
12.00	10 - 1	3.20	40 - 1	1.10	116 - 1

NOTE: 1 cps IS EQUAL TO THE VISCOSITY OF WATER, 75 cps IS APPR. EQUAL TO VISCOSITY OF 10 WIEGHT MOTOR OIL, AND 200 cps IS APPR. EQUAL TO THE VISCOSITY OF MOST DISHWASHING DETERGENTS.

DISINFECTING & SANITIZING UNIT

INSTRUCTIONS:

1. PROPORTIONING VALVE DILUTES SOLUTION USED TO 60:1
2. FILL BOTTLE WITH SOLUTION (USE OF A BACTERICIDE IS RECOMMENDED)
3. SLIDE BYPASS (RED) BUTTON OVER TO ENGAGE MIXING.
4. A REASONABLE WASH DOWN PERIOD IS 2 MINUTES PLUS 3 SECONDS PER FLOOR
5. SLIDE BYPASS (GREEN) BUTTON ACROSS TO DISENGAGE MIXING AND ALLOW A RINSE PERIOD WITH CLEAR WATER.



1. CHIP OUT MASONRY TO CLEAN OUT BOLT COVER
2. CONCEALED HINGE
3. DOOR
4. RECESSED LATCH
5. INTERIOR LATCH RELEASE SLIDE
6. CLOSING SPRING
7. FRAME

MATERIAL: 16 GAGE, GALVANNEALED STEEL
WHITE PRIME COAT FINISH

DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. DOOR HAS A HEAVY DUTY SPRING CLOSER TO ASSURE POSITIVE LATCHING WHEN PANEL CLOSSES. THIS DOOR IS FOR WALL INSTALLATION ONLY.

FR 16X16 ACCESS DOOR



23 RACINE RD. TORONTO,
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TEL (416) 746-5547 FAX (416) 743 5632
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E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

NOTE:

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE:

DISINFECTING & SANITIZING UNIT WITH ACCESS DOOR

JOB NAME:

LOCATION:

SCALE: 1:16

DATE: 28-04-2020

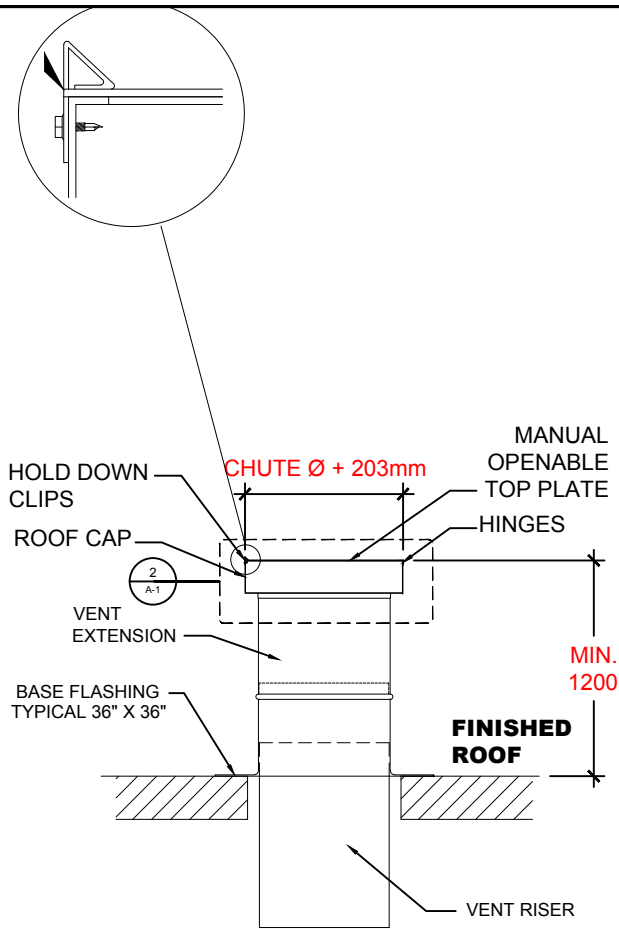
REPRESENTATIVE:

SHEET. #:

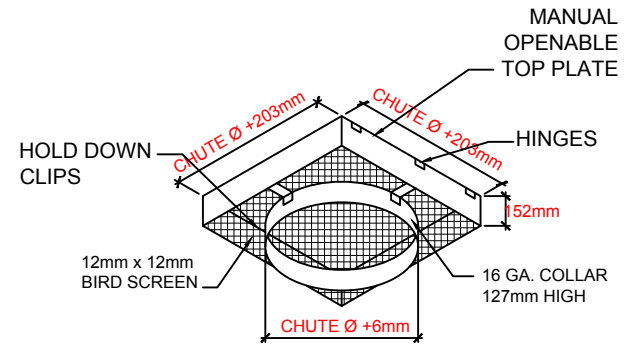
JOB #:

P.O. #:

DRAWN BY: A.Z



SECTION VIEW



DETAIL
A1 -2



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3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER & GRIND SMOOTH ALL SHARP AREAS
5. DESIGNED TO MEET WITH STANDARD AP-100 SERIES COMPACTION UNITS
6. STANDARD TO ALL CONTAINERS: TWO (2) STEEL LIDS, TOW HITCH, DRAIN FLANGE WITH PLUG, REINFORCED PICK UP POCKETS, ONE (1) HOLD DOWN BAR PER SITE. CONTAINERS CUSTOM BUILT TO SUIT SITE CONDITIONS - CONTAINER SIZES MAY CHANGE DUE TO ROOM LAYOUT AND/OR OTHER SITE OBSTRUCTIONS.

TITLE:

FLAT ROOF SECTION

JOB NAME:

LOCATION:

SCALE: 1:50

DATE: 20-12-19

REPRESENTATIVE:

SHEET. #:

JOB #:

P.O. #:

DRAWN BY: A.Z

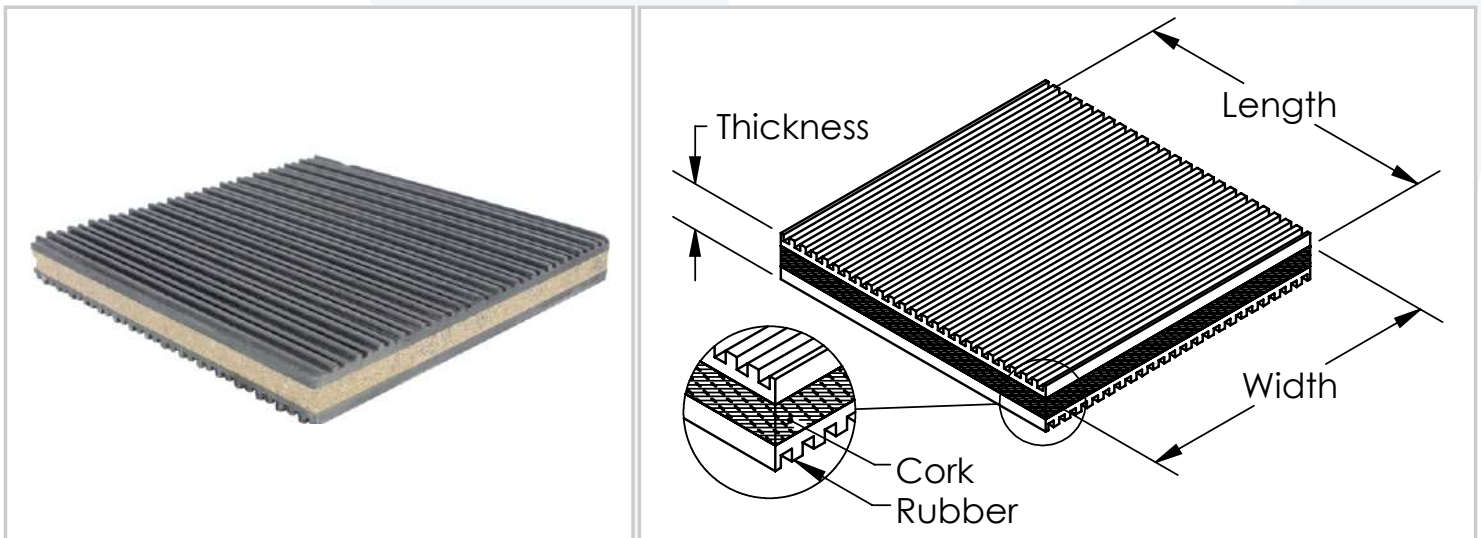
CORK RUBBER MOUNTING PADS

CRMP Series

VibraSystem Inc. CRMP Cork Rubber Mounting Pad is designed to solve problems caused by structure born vibration and noise. Constructed of cork with opposed ribbed pads on either sides for added isolation and positive grip.

Recommended for:

The CRMP Pad is suitable for applications where bolting is to be avoided and minor non-critical vibration conditions exist. It is also recommended for indoors applications such as compressors, blowers, AC units, chillers, pumps, etc.



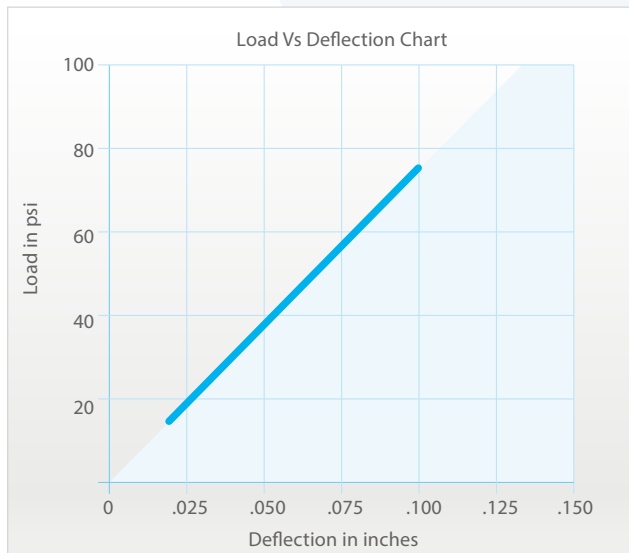
Features:

- ✓ Simple field installation. No bolting required.
- ✓ Excellent product for acoustic problems applications.
- ✓ Anti-skid surfaces through ribbed construction.

CORK RUBBER MOUNTING PADS

Cut size : 2" x 1.5" x 0.90"

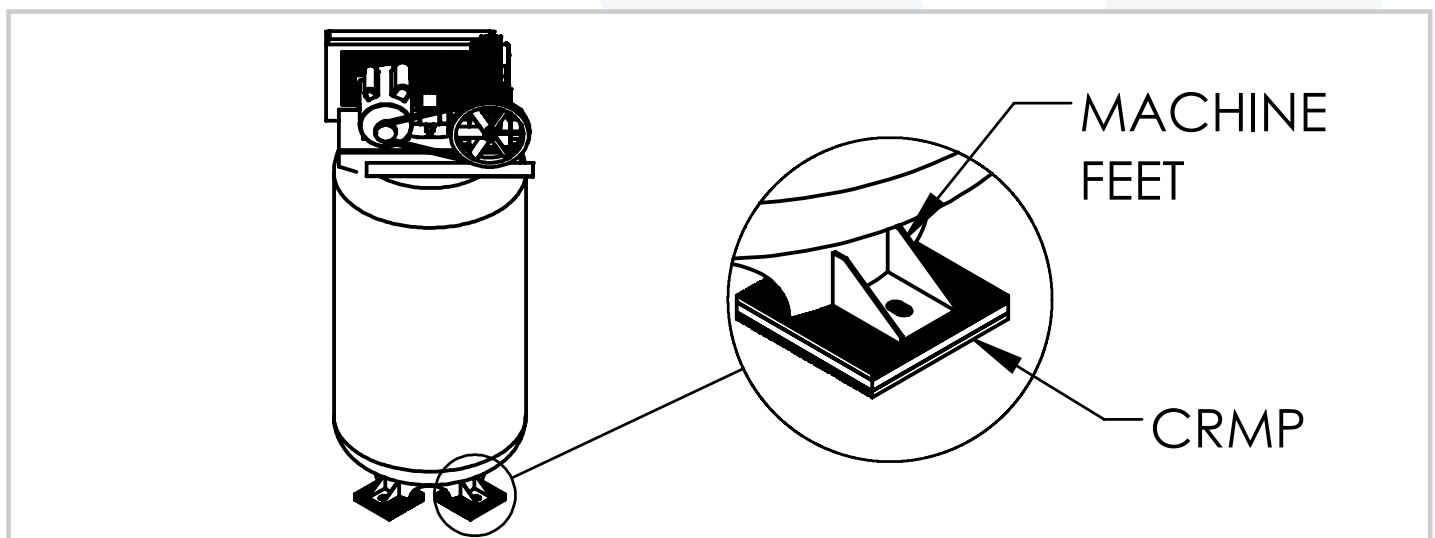
Model	Working Load Range (lbs)	Dimensions in inches			Color
		Length (in)	Width (in)	Thickness (in)	
CRMP-0202	60 - 300	2	2	.90	Black
CRMP-0303	135 - 675	3	3	.90	Black
CRMP-0404	240 - 1,200	4	4	.90	Black
CRMP-0606	540 - 2,700	6	6	1.25	Black
CRMP-0808	960 - 4,800	8	8	1	Black
CRMP-1212	2,160 - 10,800	12	12	1	Black
CRMP-1818	4,860 - 24,300	18	18	.90	Black

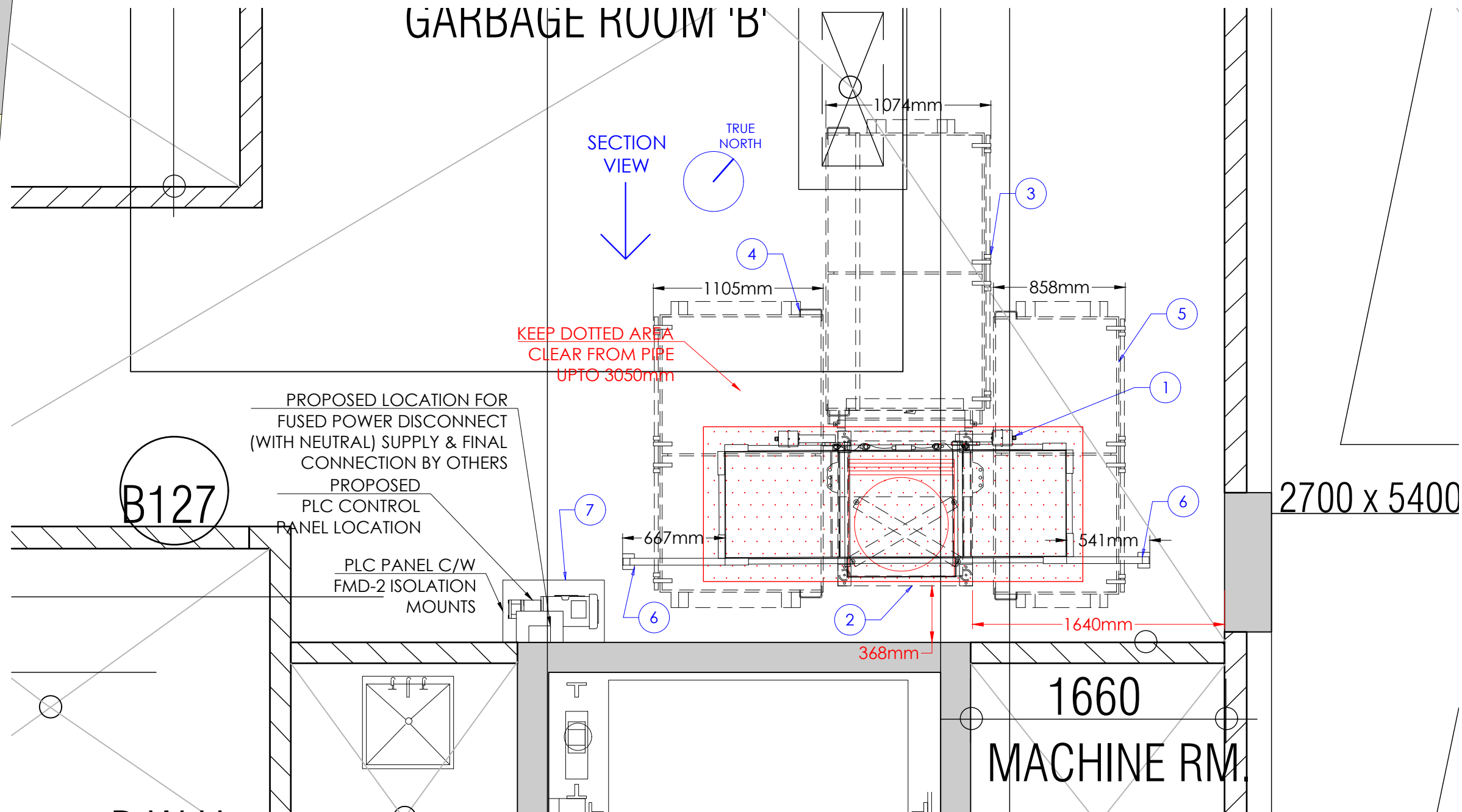


Note:

1. Material: Special rubber cross-ribbed pad with low density cork.
2. Working Range: 15 to 75 psi.

Typical Installation:





PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.
COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

WASTE MANAGEMENT EQUIPMENT LIST	
1	ELECTRIC TRISORTER CENTER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	

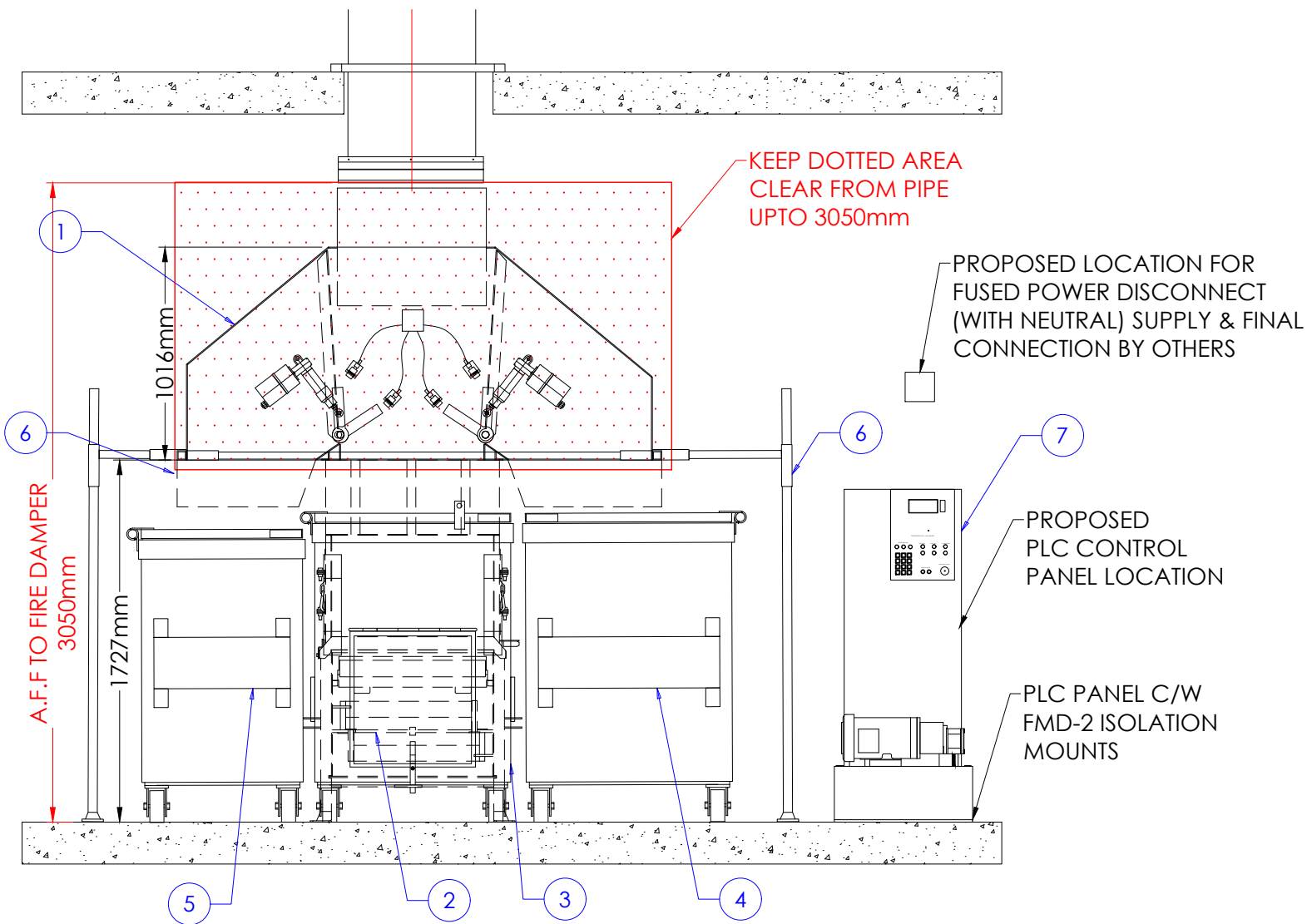
WILKINSON
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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - PLAN VIEW			
JOB NAME: FORESTSIDE B			
REPRESENTATIVE: ROYAL PINE HOMES			
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:	
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381	WCC001



	DATE	REVISION	BY
1	.	.	.
2			
3			

NOTE:
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PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.
COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

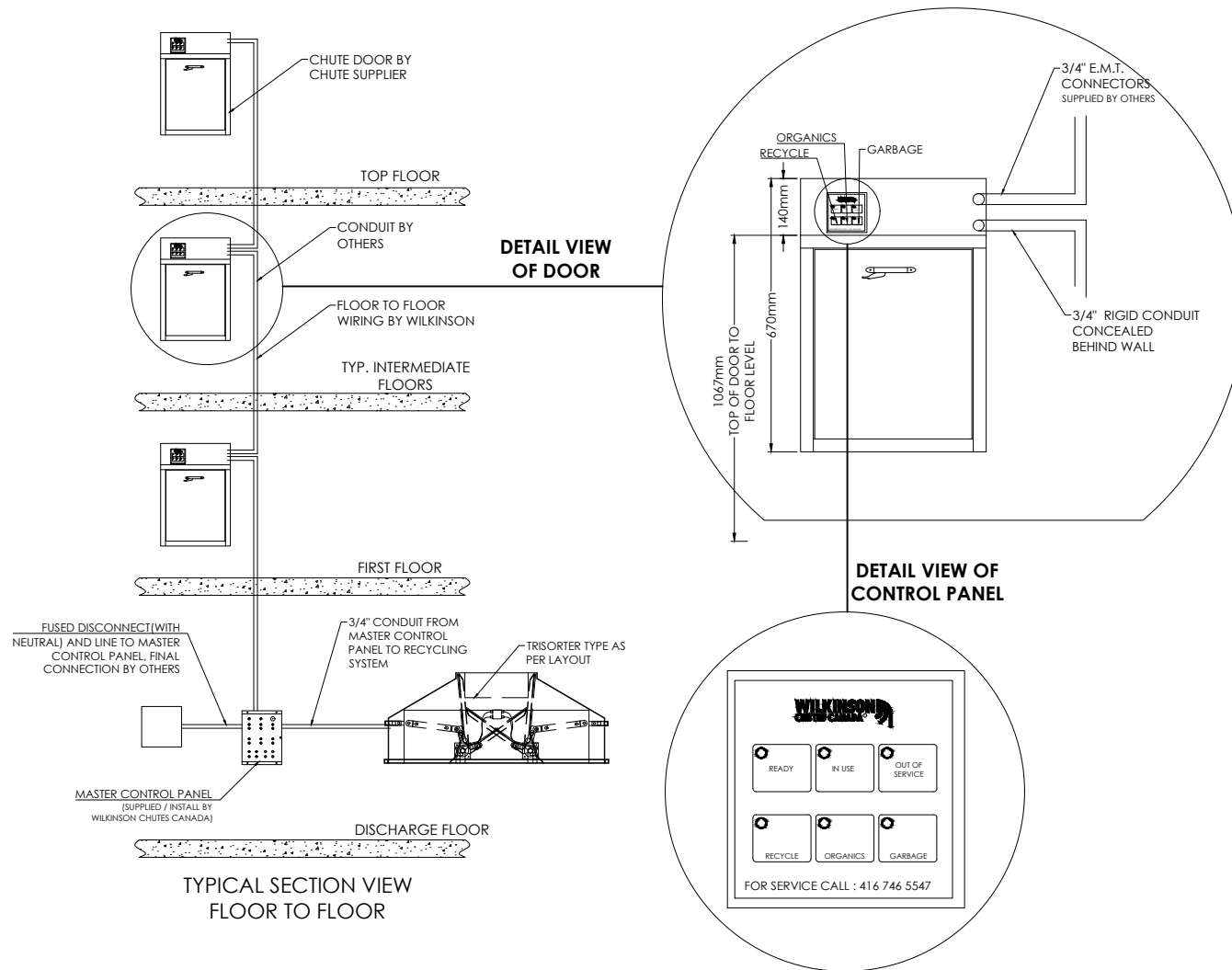
	WASTE MANAGEMENT EQUIPMENT LIST
1	ELECTRIC TRISORTER CENTER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	



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E-MAIL: WCHUTES@METROGROUPOCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - SECTION VIEW			
JOB NAME: FORESTSIDE B			
REPRESENTATIVE: ROYAL PINE HOMES			
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:	
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381	WCC002

ELECTRICAL AND WIRING INFORMATION



NOTE:

1. CONTRACTORS TO SUPPLY AND INSTALL 3/4" CONDUIT.
2. FACE WALL OF DISCHARGE ROOM MUST NOT BE INSTALLED PRIOR TO CHUTE AND INTAKE DOOR.
3. CONTRACTORS TO CONFIRM DETAILS WITH WILKINSON CHUTES CANADA.
4. VOLTAGE IN DISCHARGE ROOM TO BE 120V, 15AMP SWITCH C/W NEUTRAL FOR TRISORTER AND 3 PHASE, 208 VOLT, 30 AMP (OR 575 VOLT, 15 AMP) 2HP FOR COMPACTOR
VOLTAGE FLOOR TO FLOOR TO BE 24VOLT
5. PROVIDE SIGNAGE FOR SYSTEM OPERATION.

x TWO (2)
RESIDENTIAL CONTROLS
FOR ELECTRICAL INTERLOCKING
TRI-SORTER SYSTEM

**WILKINSON
CHUTES CANADA®**

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
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E-MAIL: WCHUTES@METROGROUPECAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

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5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - uI/uIC CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE: ELECTRICAL & WIRING INFORMATION

JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

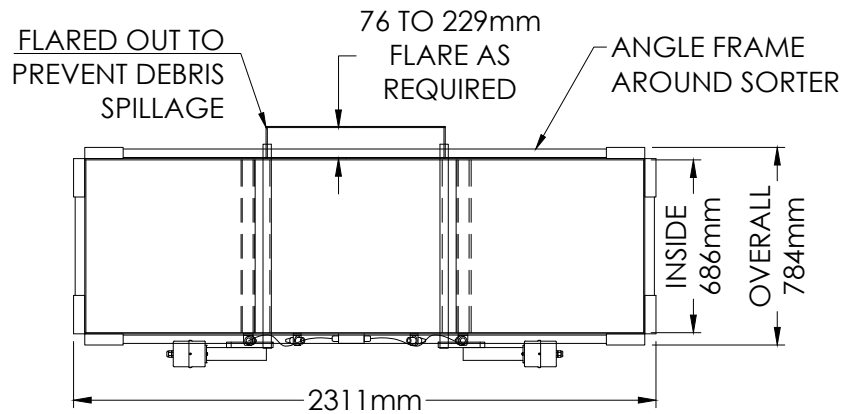
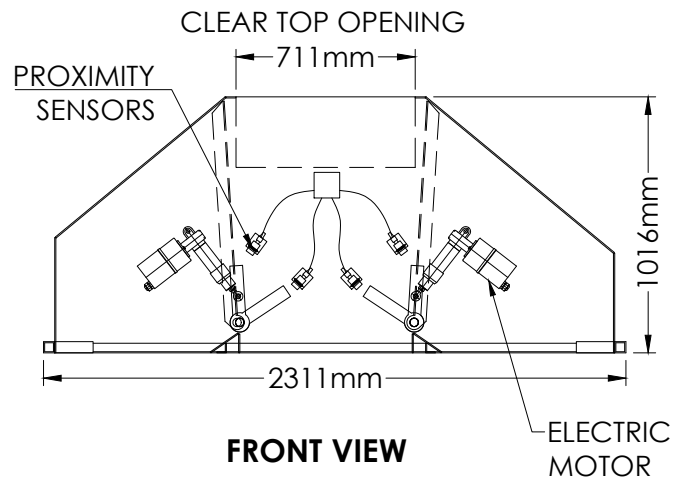
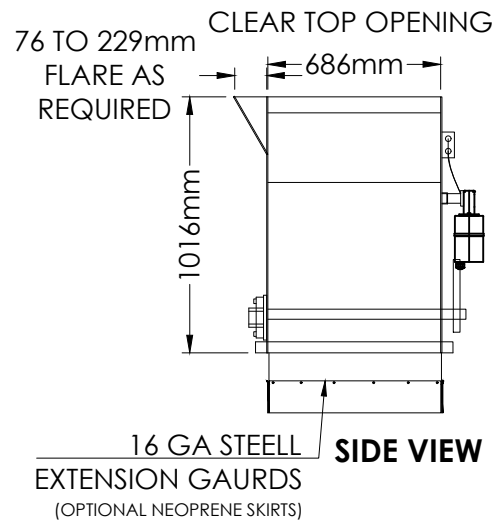
SHEET#:

DRAWN BY: R.P.

SCALE: N.T.S

JOB#: 19-381

WCC003

**TOP VIEW****FRONT VIEW****SIDE VIEW****NOTE:**

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SPECIFICATION:

- | | |
|-----------------------------------|--------|
| 1. WEIGHT | 500 kg |
| 2. BODY - 2300mm x 787mm x 1016mm | |
| 3. CLEAR AREA REQUIRED | 3050mm |
| 4. CLEAR TOP OPENING | 686mm |
| 5. TUBE FRAME | 51mm |
| 6. HOUSING STRUCTURE | 14 GA |

FLAPS:

- | | |
|-------------------------|---------------|
| 1. SIZE (APPROX.) | 686mm x 914mm |
| 2. H.D. PIVOT SHAFT ROD | Ø51mm |
| 3. H.D. PIVOT SHAFT CAM | 51mm x 75mm |

CYLINDERS:

- | | |
|-------------|-----------|
| 1. ELECTRIC | 2 - 101mm |
| 2. DIAMETER | 38mm |

POWER UNIT:

POWER SUPPLY: 120VOLT, 15AMP ELECTRIC
PLUG C/W NEUTRAL AND GROUND

- | | |
|----------|---|
| 1. MOTOR | 2 H.P |
| 2. POWER | 600V-15AMP / 208V-30AMP
(PLEASE SPECIFY) |

CONTROL PANEL:

1. OPEN/CLOSE (NON LOCKING/LOCKING SYSTEM)
*USER CONTROL BOX (ON ALL FLOORS)
2. ON/OFF
3. EMERGENCY BUTTON

**WILKINSON
CHUTES CANADA®**

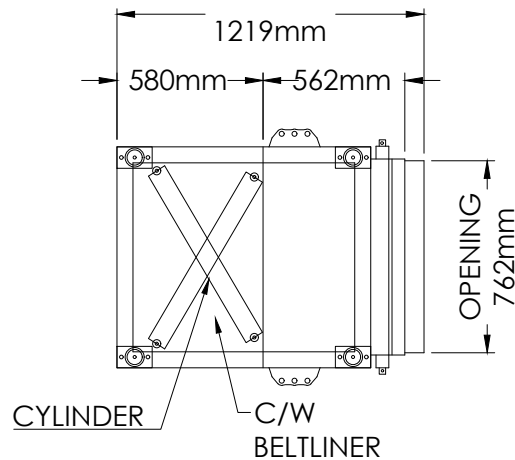
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TITLE: ELECTRIC TRI-SORTER CENTER UNIT

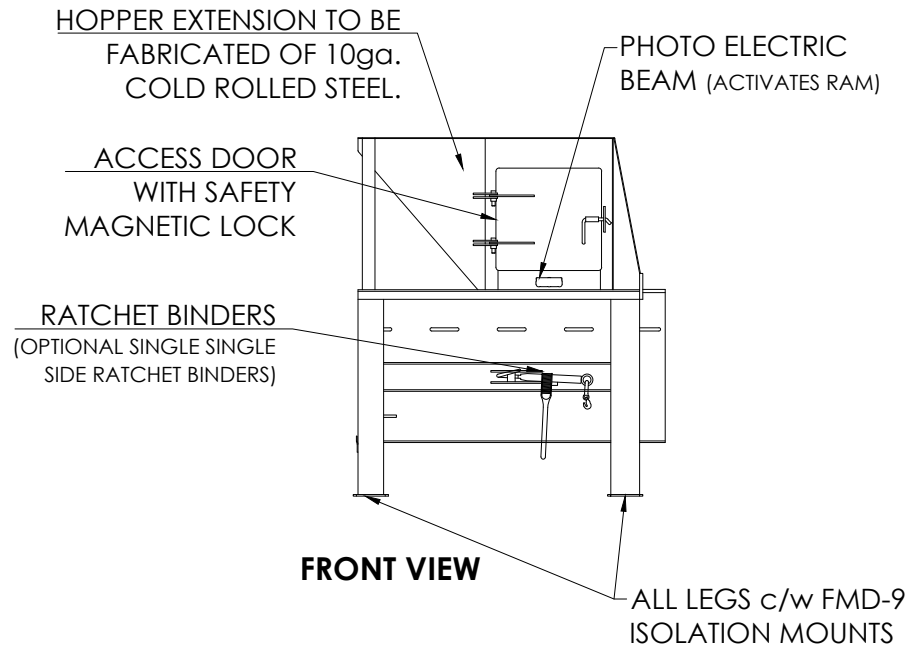
JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

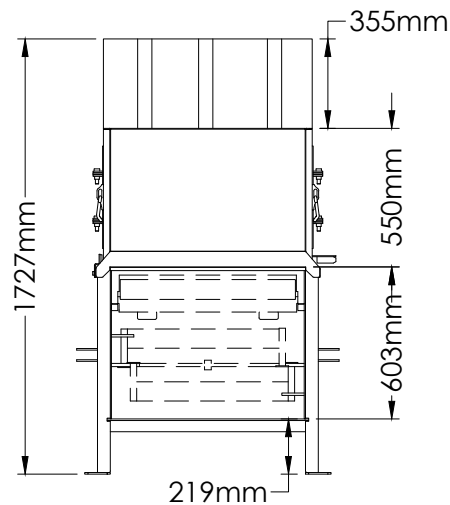
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC004



TOP VIEW



FRONT VIEW



SIDE VIEW

CONSTRUCTION:

- | | |
|----------------------|--------------|
| 1. WEIGHT | 1500lbs |
| 2. SIDES | 9.5mm |
| 3. BOTTOM | 9.5mm |
| 4. RAM FLOOR | 9.5mm |
| 5. RAM FACE | 9.5mm |
| 6. RAM PENETRATION | 100mm |
| 7. LEGS (TUBE STEEL) | 100mm x 51mm |
| 8. HOPPER EXTENSION | 10ga |

SPECIFICATIONS:

- OVERALL FOOTPRINT/ELEVATION 1.22m x 0.88m x 1.42m
- CHARGE CHAMBER CAPACITY 0.32cu/yd
- VOLUME DISPLACEMENT CAPACITY
- DUAL ADJUSTABLE CONTAINER RATCHET BINDERS. * OPTIONAL SINGLE SIDE RELEASE MECHANISM
- FULL CONTAINER AUTO SHUT DOWN

ELECTRICAL:

- 3 PHASE POWER SUPPLY
- PHOTO ELECTRIC BEAM
- SIDE DOOR MAGNETIC INTERLOCK WITH LATCH
- MOTOR 575V / 208V
- CONTROL PANEL**
- SMART LOGIC RELAY CONTROLS
- ON / OFF SWITCH
- EMERGENCY SHUT DOWN BUTTON

HYDRAULIC:

- OIL TANK CAPACITY 9gals
- PUMP 3 G.P.M
- CYLINDER 2-76mm BORE
- OPERATING PRESSURE 1500 PSI
- STEEL BRADED HOSES c/w 12.7mm COUPLINGS

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TITLE: AP-4830 COMPACTOR UNIT

JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

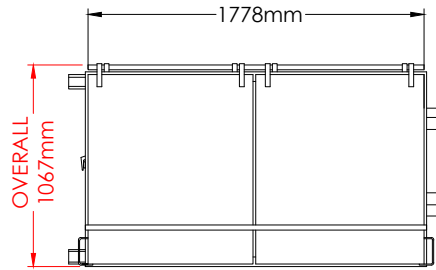
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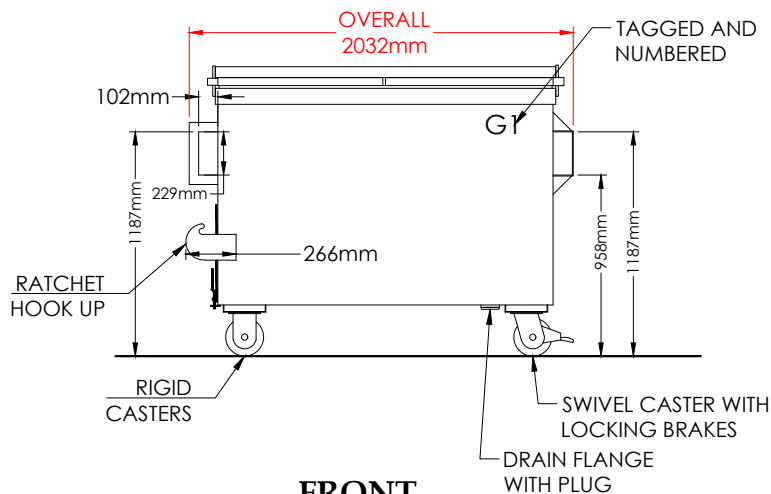
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JOB#: 19-381

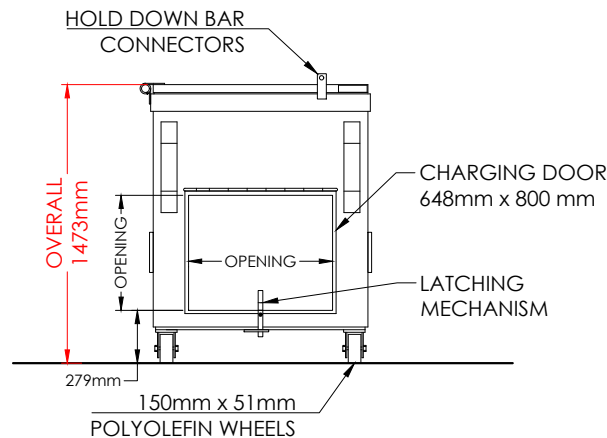
WCC005



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLACK
2. LABELED / NUMBER
 - 2.1. Ex. G1, G2, G3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. CHARGING DOOR WITH LATCHING MECHANISM
5. TWO (2) RATCHET HOOK UP
 - 5.1. SINGLE SIDE HOOK UP ALSO AVAILABLE
6. DRAIN FLANGE WITH PLUG
7. LIDS PIVOT AT 270 DEGREES
8. OVERALL LENGTH 2030mm
9. OVERALL HEIGHT 1473mm
10. OVERALL WIDTH 1016mm

QUANTITIES: TWO (2) TOTAL



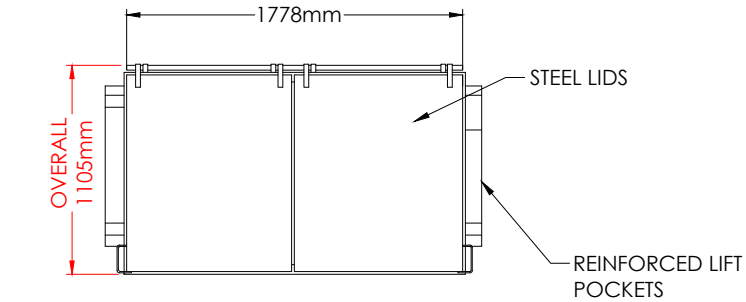
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TITLE: STANDARD GARBAGE BIN

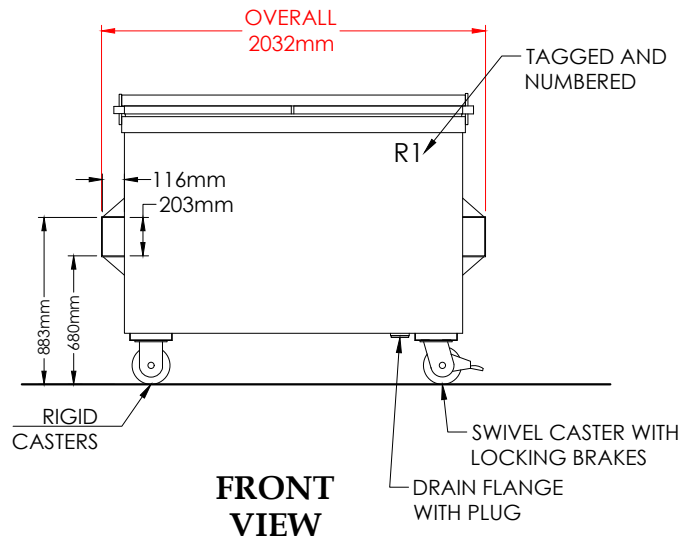
JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

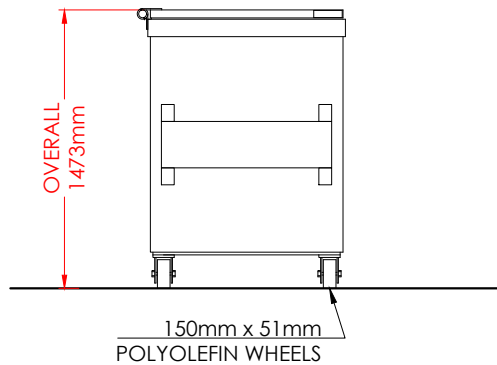
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC006



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLUE
2. LABELED / NUMBER
 - 2.1. Ex. R1, R2, R3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1473mm
8. OVERALL WIDTH 1117mm

QUANTITIES: TWO (2) TOTAL

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TITLE: RECYCLE BIN

JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

SHEET#:

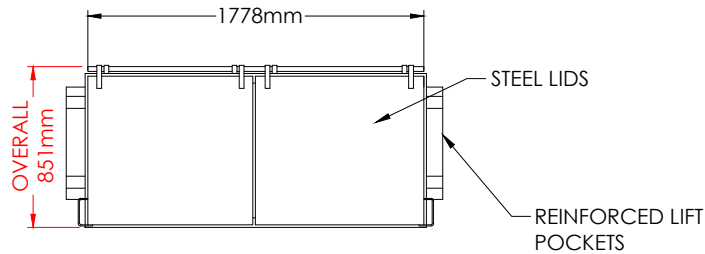
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R.P.

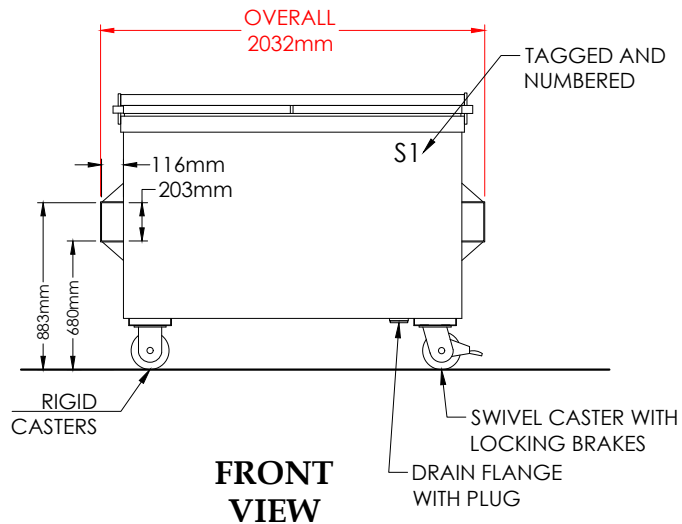
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JOB#: 19-381

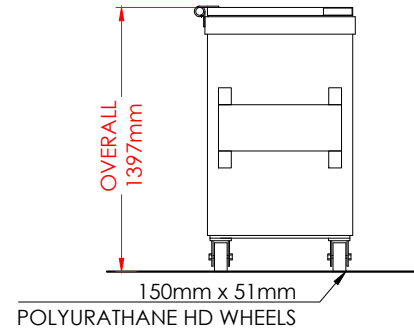
WCC007



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED GREEN
2. LABELED / NUMBER
 - 2.1. Ex. S1, S2, S3...
3. 150mm x 51mm POLYURATHANE WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1397mm
8. OVERALL WIDTH 813mm

QUANTITIES: ONE (1) TOTAL

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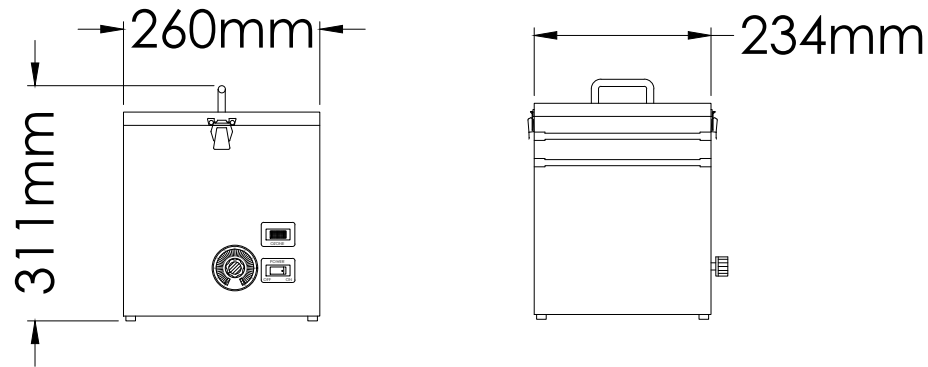
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TITLE: ORGANICS BIN

JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC008



SPECIFICATION:

1. WIDTH: 26CM
2. DEPTH: 24.8CM
3. HEIGHT: 31.1CM
4. COVERAGE: 700M³
5. OUTPUT: 400 MGS/HR
6. AIR FLOW: 100 CFM
7. POWER USAGE: 30W
8. WEIGHT: 4.1KGS
9. VOLTAGE 110/220V

SITE REQUIREMENT:

ELECTRICAL PLUG CONNECTION
TO BE PROVIDED 2' RADIUS
INSTALLATION OF UNIT.

QUANTITIES: ONE (1) TOTAL

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TITLE: ODOUR CONTROL UNIT

JOB NAME: FORESTSIDE B

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:10	JOB#: 19-381
		WCC010



RODENT (VERMIN) CONTROL SYSTEM

PART # WCC-3



QUANTITY: ONE (1) TOTAL

Safe, effective “catch & release” Vermin Control System.
Bait Optional (Peanut Butter etc.) – Multiple Capacity (10 +).
No chemicals or poisons required.
Durable Galvanized Steel, Construction.
Ideal in Compactor / Waste – Recycling – Organics Areas

WCC FLY CONTROL



WCC– Fly Control falls in the range of top of the line “electrocuting” flytraps that are ideal for sensitive areas where effectiveness and ease of maintenance is a top priority.

Constructed in either white metal or high quality stainless steel, the WCC– Fly Control has been manufactured with the specific needs of industrial and commercial users in mind.

SPECIFICATIONS

- Material: White metal
- Dimensions: 25.25"W x 14.5"H x 5.25"D
- Coverage: 20000ft²
- Tube: 2x20W
- Unit Weight: 18.5Lbs
- Box Weight: 21Lbs

IDEAL USE FOR:

- Industrial plants and factories
- Compactor rooms
- Hospitals
- Warehouses
- Loading docks
- Dumpster areas
- Office buildings
- All industrial and commercial premises that require a pest free zone without the need of excessive maintenance

FEATURES

- Industrial strength ultraviolet bulbs
- Easy-glide pullout tray
- Follows all requirements of FDA, USDA, & EPA codes
- 20000ft² coverage
- Large catch area
- Pull out front for easy cleaning
- Safety cut-off switch
- UL listed
- 3 year warranty

QUANTITY: ONE (1) TOTAL

****REQUIRES STANDARD ELECTRICAL OUTLET. MOUNTING DEPENDS ON END CLIENT. WE PREFER IT TO BE ON FLOOR NEXT TO OUTLET**

24HR EMERGENCY SERVICE AVAILABLE 416.746.5547

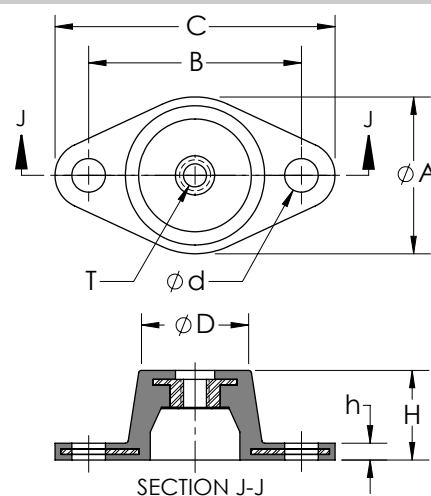
COMPRESSION MOUNTS

FMD compression mounts have great vertical-direction flexibility, and significantly reduce transfer of vibration to the supporting structure. These models are designed for installation on applications with continuous and intermittent loads. Elastomeric bodies of the isolators effectively prevent metal-to-metal contact.

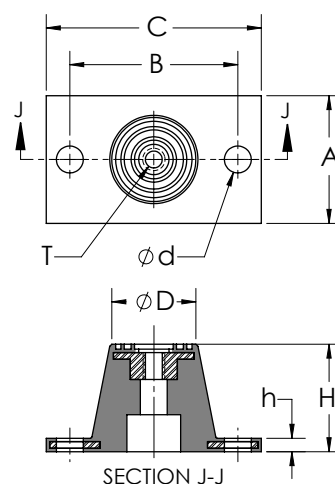
Recommended for:

Motors, fans, pumps, compressors, transformers, electrical, lab-testing equipment and cabinet enclosures, as well as HVAC and other industrial equipment.

FMD-1, 2, 3, 4, 5, 6, 7N, 8N, 9N



FMD-7, 8, 9

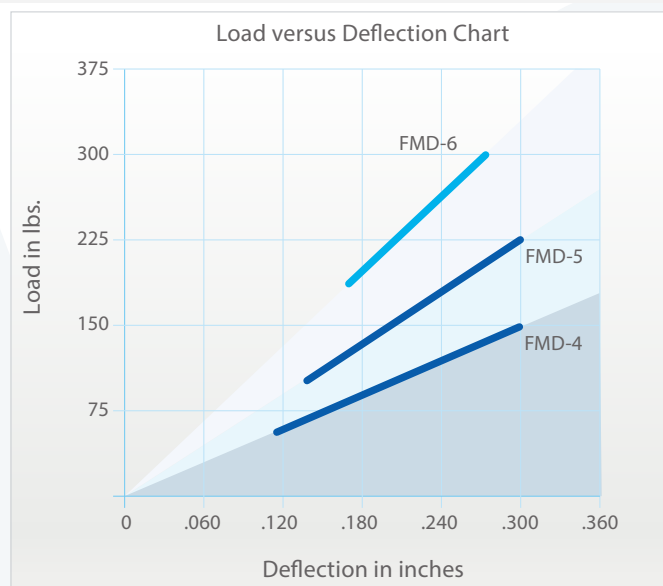
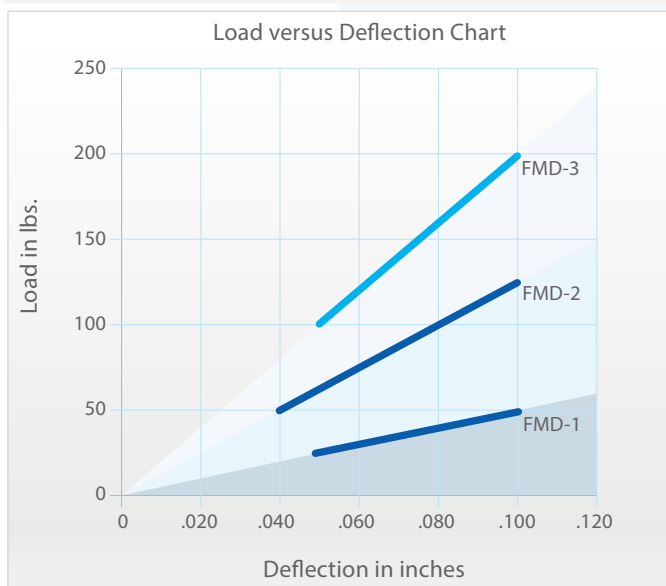


Features:

- ✓ Maximum dynamic loads should not exceed 70% of maximum load capacity
- ✓ FMD models 1 to 6 can be used for wall ceiling mounts installations.
- ✓ Double deflection mounts provide better isolation for low frequency equipment such as fans, etc.
- ✓ Durable and corrosion-resistant.

COMPRESSION MOUNTS

Model	Maximum Load (lbs)	Mount Dimensions (inch)								Color
		A	B	C	D	H	h	d	T	
FMD-1	50	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Red
FMD-2	125	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Green
FMD-3	200	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Black
FMD-4	150	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Red
FMD-5	225	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Green
FMD-6	300	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Black
FMD-7	450	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Green
FMD-8	600	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Red
FMD-9	1,000	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Black
FMD-7N	450	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Green
FMD-8N	600	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Red
FMD-9N	1,000	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Black



COMPACTOR BELTLINER

PLYLON PLUS PROTECTOR 330/3/48 1/4 X 1/16"

PROTECTOR

International Standards

ARPM Grade II, AS Grade E

A Grade II compound for applications requiring good abrasion and gouge resistance and very good flex life.

Resistance Properties

Abrasion	Good
Flame	No
Cut & Gouge	Good
Oil	No
Static Conductive	ISO 284

Physical Properties

Tensile	2300	psi
Elongation	510	%
DIN Abrasion	145	cu.mm
Hardness	61	Shore A

Material Temperature

Low Temperature	-30 degree F
High Temperature	150 degree F

Conveyor Belt Data

Warp Yarn	Polyester
Weft Yarn	Polyester
Nominal Carcass Gauge	0.161 in
Nominal Overall Gauge	0.474 in
Nominal Carcass Weight	1.06 lb/sq.ft
Nominal Belt Weight	11.8 lb/ft
Average Permanent Elongation	0.8 %
Elastic Modulus	34,500 piw
Step Length	10 in
Recommended Fasteners	Plate 190
	Hinge R2
	Hinge U35A

Load Support

Max Belt Width (in)

0-40 lbs/cu.ft	20 deg	60
	35 deg	54
	45 deg	48
41-80 lbs/cu.ft	20 deg	60
	35 deg	48
	45 deg	42
81-120 lbs/cu.ft	20 deg	54
	35 deg	48
	45 deg	42
Over 120 lbs/cu.ft	20 deg	48
	35 deg	42
	45 deg	36

Note: Widths in red indicate that your selected width is outside the recommended guidelines for this application. Please consult ContiTech.

Continental



ContiTech | DISTRIBUTOR

Ultimate Tensile	3310 PIW
Rip	1310 lbs
Transverse Tear	380 lbs
Longitudinal Tear	250 lbs

Troughability

Min. Belt Width (in)

20 deg idlers	18
35 deg idlers	24
45 deg idlers	30

If top and pulley cover are balanced or less than 1/16" differential, add 6" to the minimum belt width.

Minimum Pulley Diameters (in)

Over 80% Tension	18
60% to 80% Tension	16
40% to 60% Tension	12
Up to 40% Tension	12

If the cover gauge exceeds 1/2" please consult ContiTech for the appropriate minimum pulley diameters.

REVIEWED	✓
REVIEWED AS NOTED	
REVISE AND RESUBMIT	

This review by GRAZIANI + CORAZZA Architects Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that GRAZIANI + CORAZZA Architects Inc. approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the contract documents. The Contractor is responsible for dimensions to be confirmed and correlated at job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all subtrades. GRAZIANI + CORAZZA Architects Inc.

By: MA Date: 05.OCT.2021

Shop Drawing Submission for:

Chute & Waste Management System

1st Submittal (September 27, 2021)

Project:

FORESTSIDE BLDG C
65-95 ATTMAR DR,
BRAMPTON, ON

Job # 19-381**To:**

ROYAL PINE HOMES
3550 LANGSTAFF RD, STE 200,
WOODBRIIDGE, ON

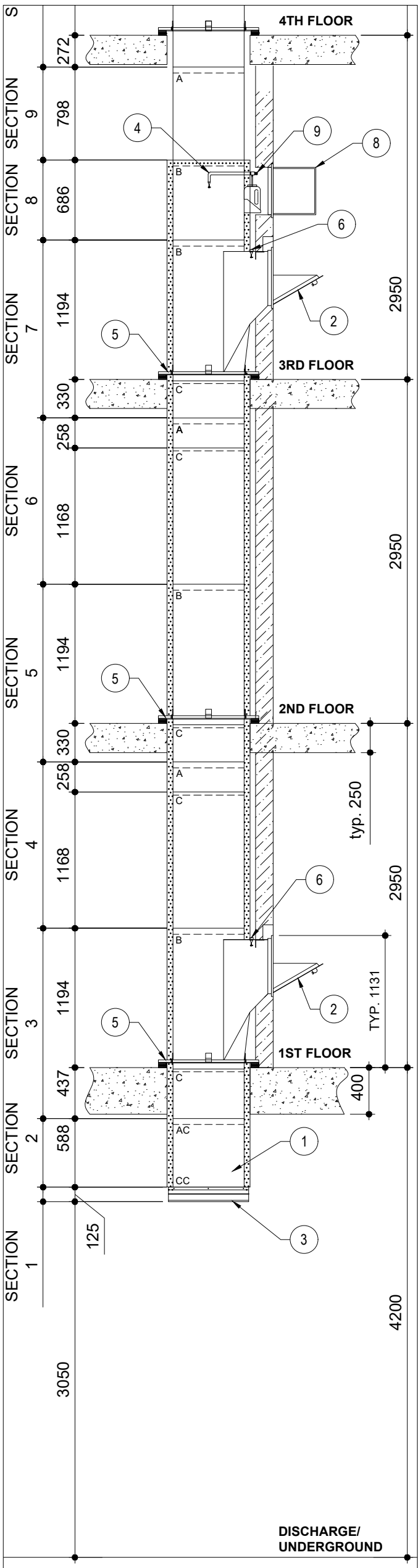
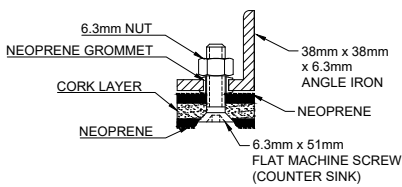
Attn: JEFFREY ELLIS

United Engineering Inc.	
PROFESSIONAL CONSULTING ENGINEERS	
THIS SHOP DRAWING IS:	
<input checked="" type="checkbox"/> REVIEWED	
<input type="checkbox"/> REVIEWED AS MODIFIED	
<input type="checkbox"/> REVISE AND RESUBMIT	
<input type="checkbox"/> SUBMIT TO HYDRO FOR APPROVAL	
The Review of these shop drawings is for general design only and shall not relieve the contractor from conforming to the contract drawings and specifications.	
All dimensions and sizes shall be checked.	
DATE:	CHECKED BY:
2021-10-04	MECH ELEC SP

- ❖ Please provide your anticipated install date and occupancy date so that we may schedule any site visits and production schedules accordingly. Once we have received approved drawings please advise when you will be ready for the site verification. Once completed we can start the fabrication of Chute with 8-10 weeks lead time and Waste Management System with varying production lead time.

Anticipated Install Date: Chute: _____**WME:** _____**Anticipated Occupancy Date:** _____**Site Check Date:** _____

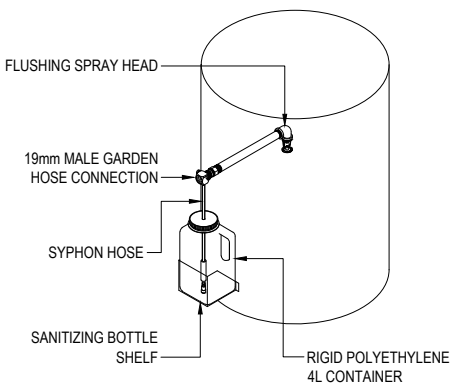
FLOOR FRAME & ISO
PADS DETAILS SCALE (1:4)



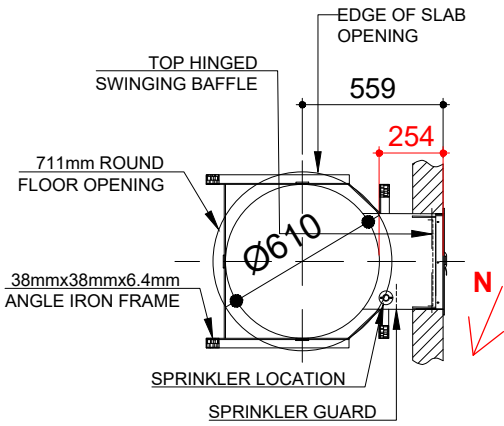
1 TRISORTER CHUTE SECTION
SCALE: 1:40

FINISHED WALL TO BE FLUSH WITH
3/16" ANGLE AROUND THE DOOR TO
INCLUDE BLOCK, DRY WALL, TILES
OR ALL THREE.

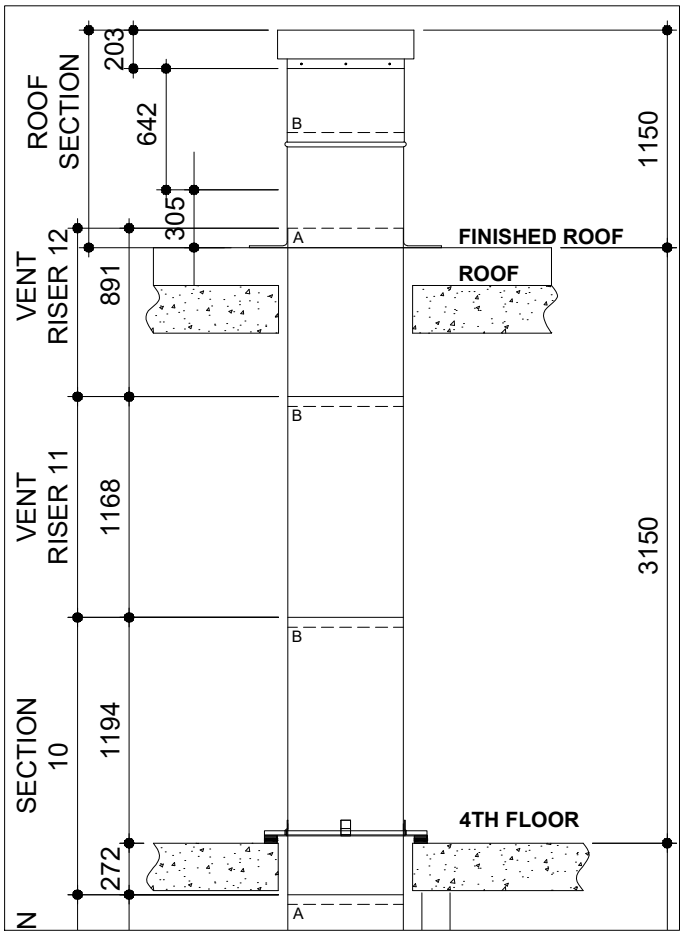
DISINFECTING AND SANITIZING
DETAILS SCALE (1:30)



TYPICAL INTAKE
DETAIL SCALE (1:30)



711mm [28"] ROUND FLOOR
OPENING REQUIRED



	DATE	REVISION	BY
1			
2			

- NOTES:
- ALL CHUTES TO HAVE WELDED VERTICAL LOCK SEAMS AND INSIDE LAP ROUNDOUT JOINTS. PARTITIONS AROUND CHUTES NOT TO BE PLACED UNTIL AFTER CHUTE INSTALLATION, CUTTING OF FLOOR(S) SLAB(S) / ROOF OPENINGS OR CHUTES SHALL BE PERFORMED BY OTHERS. MISCELLANEOUS STEEL TO HAVE SHOP COAT OF PROTECTIVE ENAMEL.
 - CONTRACTORS TO VERIFY AND APPROVE ALL DIMENSIONS ON THESE DRAWING WITH CONDITIONS ON THE JOB SITE. WILKINSON CHUTES CANADA WILL NOT BE RESPONSIBLE FOR DEVIATIONS FROM THE DRAWING ONCE APPROVED.
 - IF FLOOR FRAMES ARE TO SIT ON SUB FLOORS, PLEASE PROVIDE INFORMATION REGARDING THICKNESS OF FINISHED FLOOR.
 - THE FINAL RESPONSIBILITY FOR ENSURING THAT DOORS ARE SITTING FLUSH TO WALLS, MUST LIE ON TRADES CONSTRUCTING THESE WALLS, DUE TO MOVEMENT WHICH MAY OCCUR AFTER INSTALLATION.
 - THIS DRAWING IS THE PROPERTY OF WILKINSON CHUTES CANADA AND IS LOANED ON THE CONDITION THAT IT IS NOT TO BE REPRODUCED AND IS NOT TO BE USED IN WHOLE OR PART TO FURNISH INFORMATION FOR THE MAKING OF DRAWING.
 - LINTEL, IF REQUIRED ABOVE DOOR, BY OTHERS

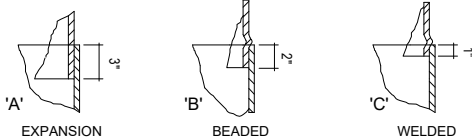
1	CHUTE RISER TO BE 610mm [24"] DIA. FABRICATE WITH 16ga. SATINCOTE STEEL
2	50MM FOIL BACK INSULATION, TO BE WRAPPED AROUND EXTERIOR OF CHUTE FROM SECTION 2 TO 8
3	TYPICAL INTAKE DOOR WILKINSON TYPE DOOR W5VDBEI 380mm x 450mm. BOTTOM HINGED NOISELESS, SELF-CLOSING, SELF-LATCHING, STAINLESS STEEL FINISHED C/W TOP HINGED INSWINGING BAFFLES . BEARING A CANADIAN UNDERWRITER'S LABORATORIES 1-1/2 HR., TEMP. RISE 250F. 30MIN LABEL.
4	TWO (2) INTAKE TOTAL
5	C/W TRIM SET FOR EI DOORS (WILKINSON SYSTEM BELOW)
6	C/W INTEGRATED CONTROL BOXES FOR RECYCLING SYSTEM (COMPONENTS NOT INCLUDED)
7	DISCHARGE TYPE "AC" HORIZONTAL ACCORDIAN SPRING LOADED HELD OPEN ON A FUSIBLE LINK ASSEMBLY. ASSEMBLY BEARS 1-1/2 HOUR U.L.C. FIRE RATING.
8	FLUSHING SPRAY HEAD WITH 19mm CONNECTOR READY FOR CONNECTION BY OTHERS.
9	TOED IN CHUTE SUPPORT BY MEANS OF CLIPS WELDED AT QUARTERS TO SIT ON ANGLE IRON AND BAR GRID TYPE FLOOR FRAME. STEEL TO BE 5mm THICK MINIMUM.
10	C/W NEOPRENE - CORK - NEOPRENE ISOLATOR PADS
11	FUSIBLY LINKED 155 F SPRINKLERS TO BE INSTALLED AT TOP INTAKE AND ALTERNATE INTAKE BELOW AND READY FOR CONNECTION BY OTHERS.
12	SPRINKLERS ARE ON: 1ST AND 3RD LEVELS
13	ROOF SECTION TO EXTEND FULL DIAMETER THRU ROOF TO A HEIGHT ABOVE 1000mm. HAVING A FULLY VENTED CAP C/W BIRD SCREEN . PROVIDED WITH A FLAT FLASHING (SEALING BY OTHERS). ROOF EXTENSION AND VENT SHALL BE SATINCOTE STEEL FINISH.
14	ONE (1) FR 16 X16 - 406mm X 406mm SIDE HINGE ACCESS DOOR . DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. (INSTALLED BY OTHERS)
15	ONE (1) DISINFECTING AND SANITIZING UNIT WHERE DESIGNATED ON DRAWING. VACUUM BREAKER, CONTROL VALVE, AND BACKFLOW PREVENTER BY OTHERS. (FLUID & CONNECTION BY OTHERS)

NOTE: SUPPLY & INSTALL

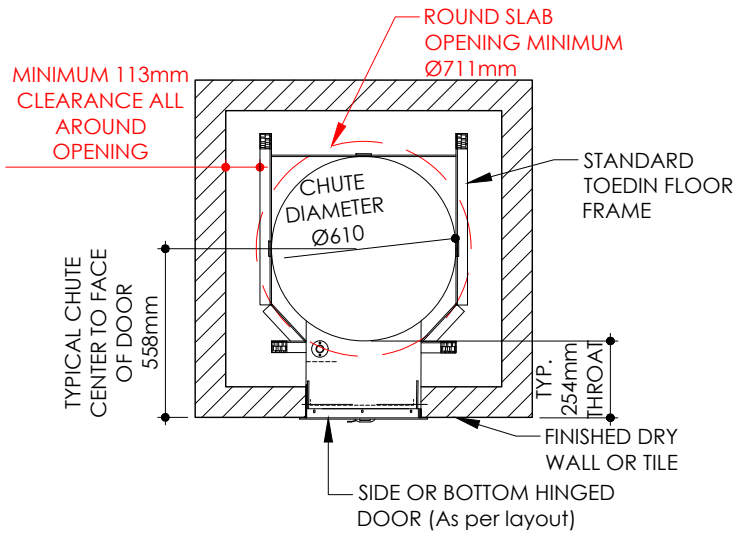
COMPANY:
23 RACINE RD,
TORONTO, ONTARIO
M9W 2Z4
TEL (416) 746-5547
FAX (416) 743 5632
WCHUTES@METROGROUPCAN.COM



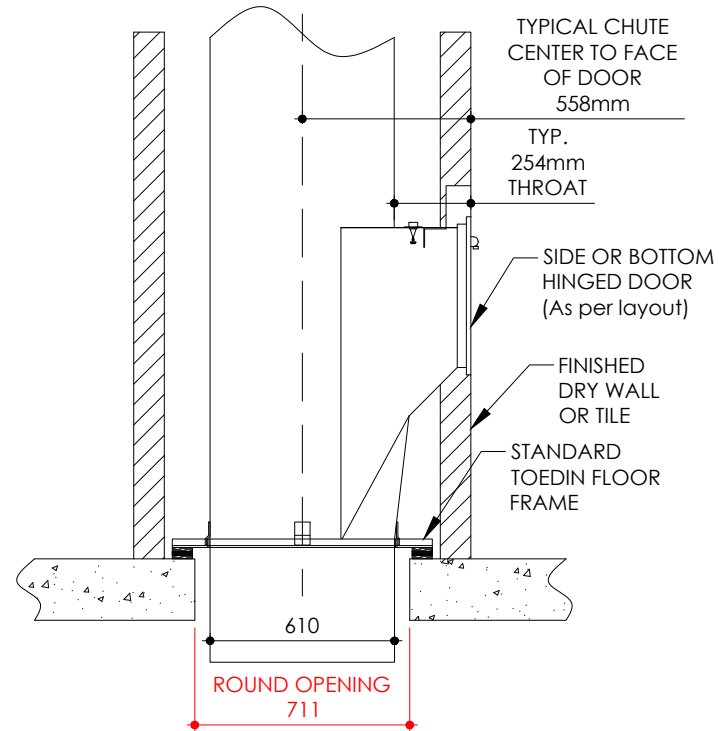
DETAIL OF ROUNDOUT JOINTS



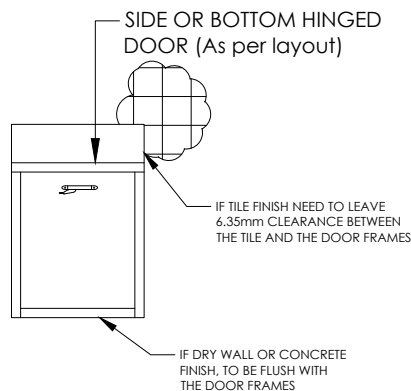
1ST SUBMITTAL	XX	September 27, 2021
2ND SUBMITTAL		
3RD SUBMITTAL		
APPROVED FOR FABRICATION		
JOB NAME:	FORESTSIDE - C	
LOCATION:	BRAMPTON, ON	
REPRESENTATIVE:	ROYAL PINE HOMES	
ITEM: TRISORTER CHUTE - W5VDBEIRAC60	SHEET #:	
DRAWN BY: R.P	P.O #: -	JOB #: 19-381
		1 OF 1



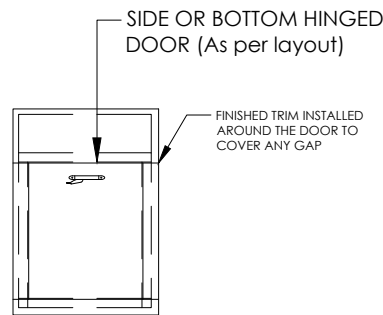
PLAN VIEW



SECTION VIEW



DOOR FRONT VIEW (NO TRIM)



DOOR FRONT VIEW (WITH TRIM)

NOTE: FLOOR FRAME NEEDS TO REST INSIDE SHAFT WALL DUE TO SOUND ISOLATION REQUIREMENT.

PLEASE CLARIFY FLOOR TYPE:

WOOD/CONCRETE/PRECAST FLOOR SLAB

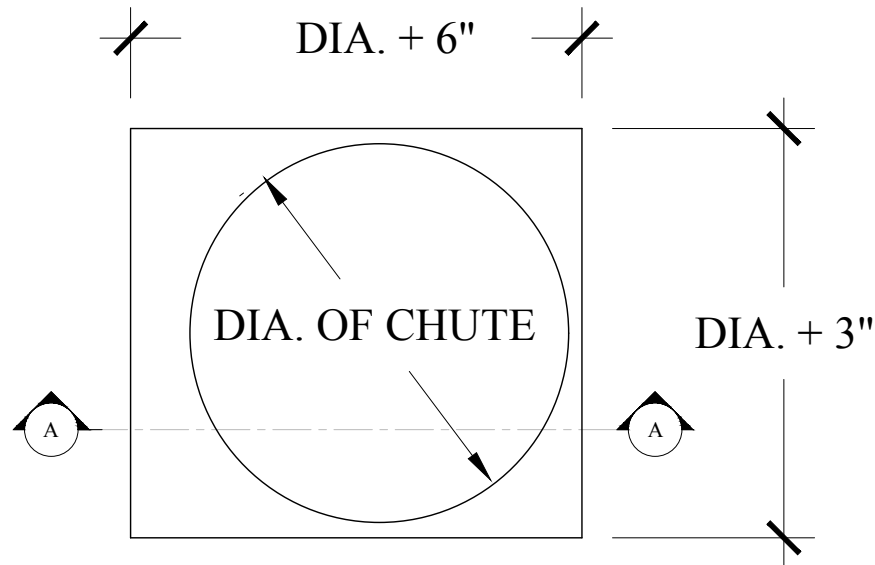
WILKINSON
CHUTES CANADA®

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: TYPICAL ROUND SLAB OPENING		SHEET#:	
DRAWN BY: R.P.	SCALE: 1:25	DATE: 2020/12/11	

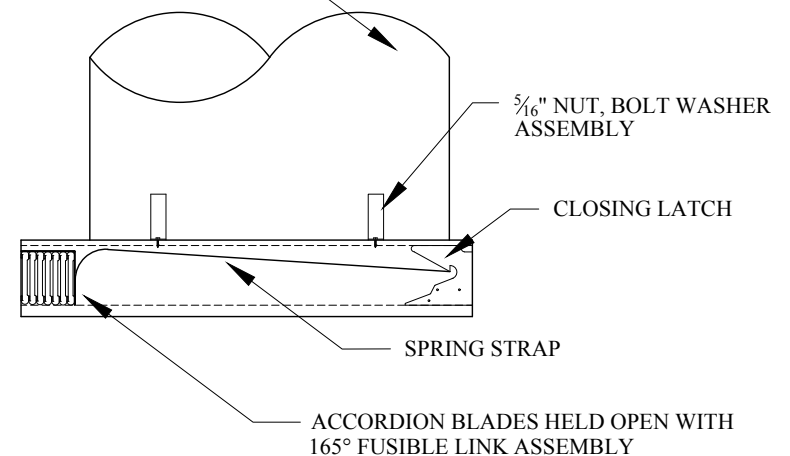
ULC RATED ACCORCION DAMPER ASSEMBLY

DOOR ASSEMBLY CONSISTS OF A SET OF INTERLOCKING TYPE BLADES. HELD OPEN WITH A FUSIBLE LINK. WHEN HEAT RISES ABOVE 165°F OCCURS, LINK MELTS AND TWO SPRING STEEL STAPS PULL BLADES ACROSS CHUTE OPENING.

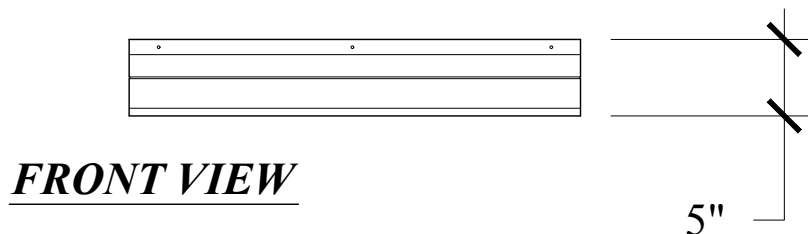


PLAN VIEW

CHUTE RISER WITH CLIPS WELDED FOR
BOLTING TO DAMPER



SECTION A-A



FRONT VIEW

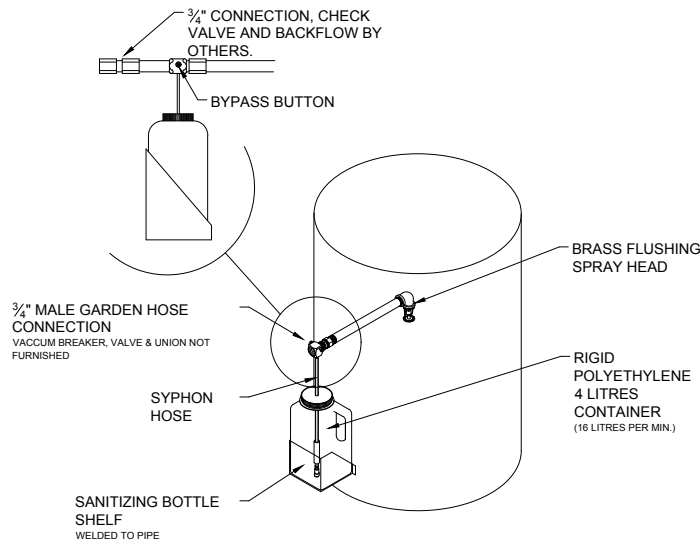
WILKINSON
CHUTES CANADA®

ADDRESS: 23 RACINE RD. TORONTO, ONTARIO M9W-2Z4
TEL: (416) 746-5547 FAX: (416) 743-5632
WCHUTES@METROGROUPECAN.COM

DWG. TITLE: **AC DISCHARGE**

SCALE: 1" = 1'-0"

SHEET: 1 OF 1



167 PROPORTIONER

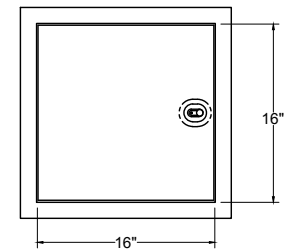
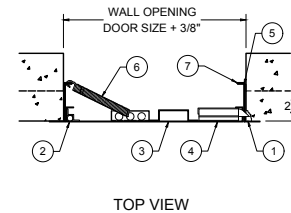
INJECTION RATES FOR VISCOSITIES SHOWN					
1 cps		75 cps		200 cps	
Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio
12.00	10 - 1	3.20	40 - 1	1.10	116 - 1

NOTE: 1 cps IS EQUAL TO THE VISCOSITY OF WATER, 75 cps IS APPR. EQUAL TO VISCOSITY OF 10 WIEGHT MOTOR OIL, AND 200 cps IS APPR. EQUAL TO THE VISCOSITY OF MOST DISHWASHING DETERGENTS.

DISINFECTING & SANITIZING UNIT

INSTRUCTIONS:

1. PROPORTIONING VALVE DILUTES SOLUTION USED TO 60:1
2. FILL BOTTLE WITH SOLUTION (USE OF A BACTERICIDE IS RECOMMENDED)
3. SLIDE BYPASS (RED) BUTTON OVER TO ENGAGE MIXING.
4. A REASONABLE WASH DOWN PERIOD IS 2 MINUTES PLUS 3 SECONDS PER FLOOR
5. SLIDE BYPASS (GREEN) BUTTON ACROSS TO DISENGAGE MIXING AND ALLOW A RINSE PERIOD WITH CLEAR WATER.



1. CHIP OUT MASONRY TO CLEAN OUT BOLT COVER
2. CONCEALED HINGE
3. DOOR
4. RECESSED LATCH
5. INTERIOR LATCH RELEASE SLIDE
6. CLOSING SPRING
7. FRAME

MATERIAL: 16 GAGE, GALVANNEALED STEEL
WHITE PRIME COAT FINISH

DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. DOOR HAS A HEAVY DUTY SPRING CLOSER TO ASSURE POSITIVE LATCHING WHEN PANEL CLOSSES. THIS DOOR IS FOR WALL INSTALLATION ONLY.

FR 16X16 ACCESS DOOR



23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

NOTE:

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE:

DISINFECTING & SANITIZING UNIT WITH ACCESS DOOR

JOB NAME:

LOCATION:

SCALE: 1:16

DATE: 28-04-2020

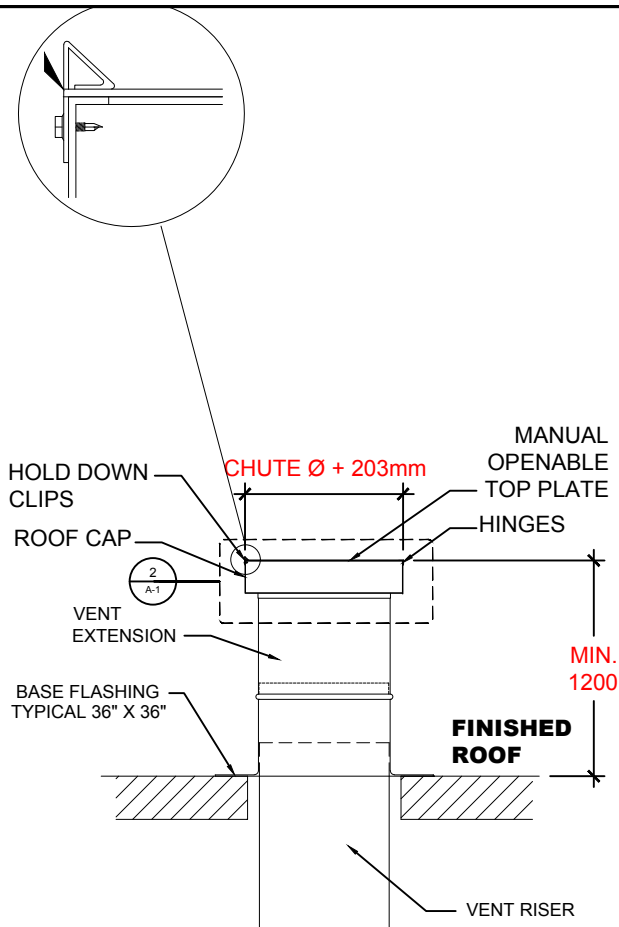
REPRESENTATIVE:

SHEET. #:

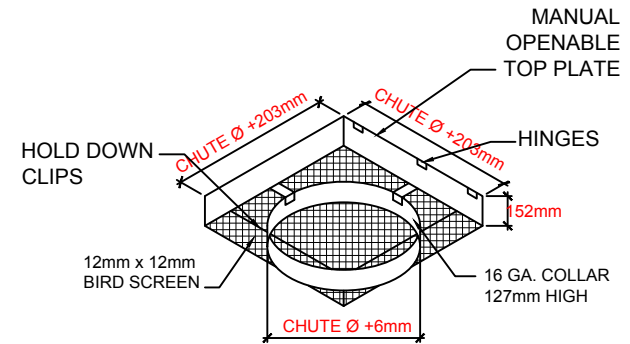
JOB #:

P.O. #:

DRAWN BY: A.Z



SECTION VIEW



DETAIL
A1-2



23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER & GRIND SMOOTH ALL SHARP AREAS
5. DESIGNED TO MEET WITH STANDARD AP-100 SERIES COMPACTION UNITS
6. STANDARD TO ALL CONTAINERS: TWO (2) STEEL LIDS, TOW HITCH, DRAIN FLANGE WITH PLUG, REINFORCED PICK UP POCKETS, ONE (1) HOLD DOWN BAR PER SITE. CONTAINERS CUSTOM BUILT TO SUIT SITE CONDITIONS - CONTAINER SIZES MAY CHANGE DUE TO ROOM LAYOUT AND/OR OTHER SITE OBSTRUCTIONS.

TITLE:

FLAT ROOF SECTION

JOB NAME:

LOCATION:

SCALE: 1:50

DATE: 20-12-19

REPRESENTATIVE:

SHEET. #:

JOB #:

P.O. #:

DRAWN BY: A.Z

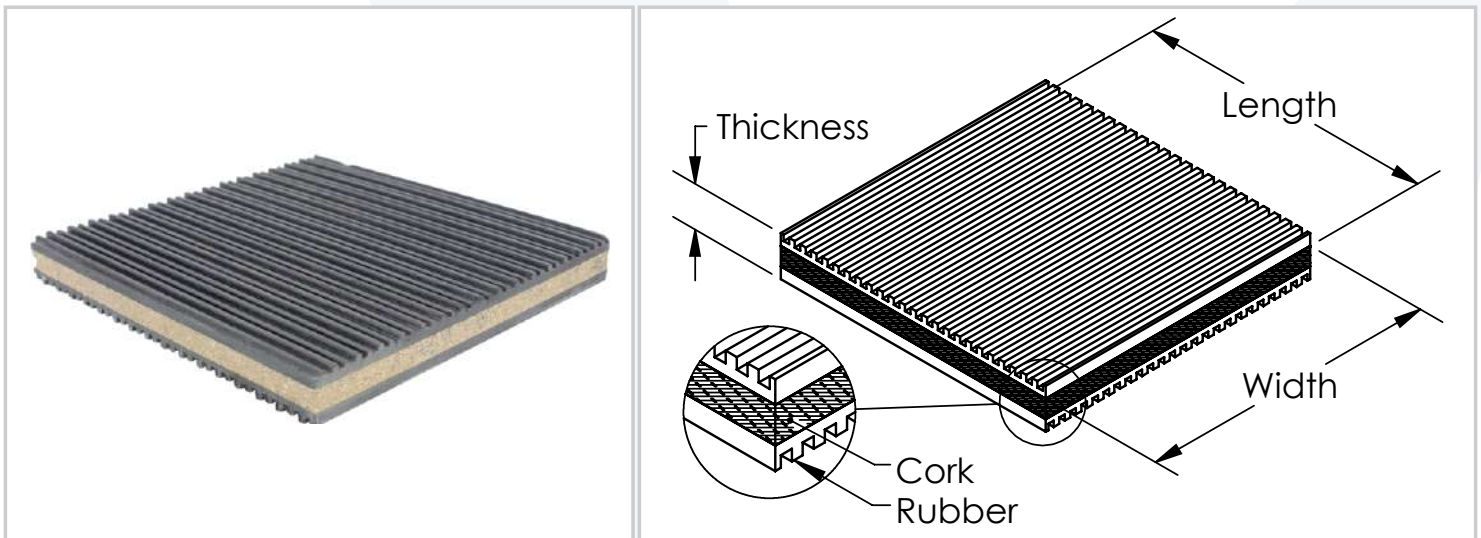
CORK RUBBER MOUNTING PADS

CRMP Series

VibraSystem Inc. CRMP Cork Rubber Mounting Pad is designed to solve problems caused by structure born vibration and noise. Constructed of cork with opposed ribbed pads on either sides for added isolation and positive grip.

Recommended for:

The CRMP Pad is suitable for applications where bolting is to be avoided and minor non-critical vibration conditions exist. It is also recommended for indoors applications such as compressors, blowers, AC units, chillers, pumps, etc.



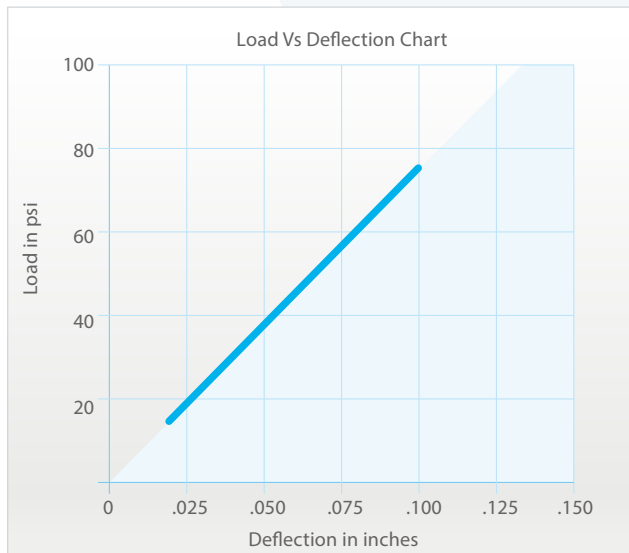
Features:

- ✓ Simple field installation. No bolting required.
- ✓ Excellent product for acoustic problems applications.
- ✓ Anti-skid surfaces through ribbed construction.

CORK RUBBER MOUNTING PADS

Cut size : 2" x 1.5" x 0.90"

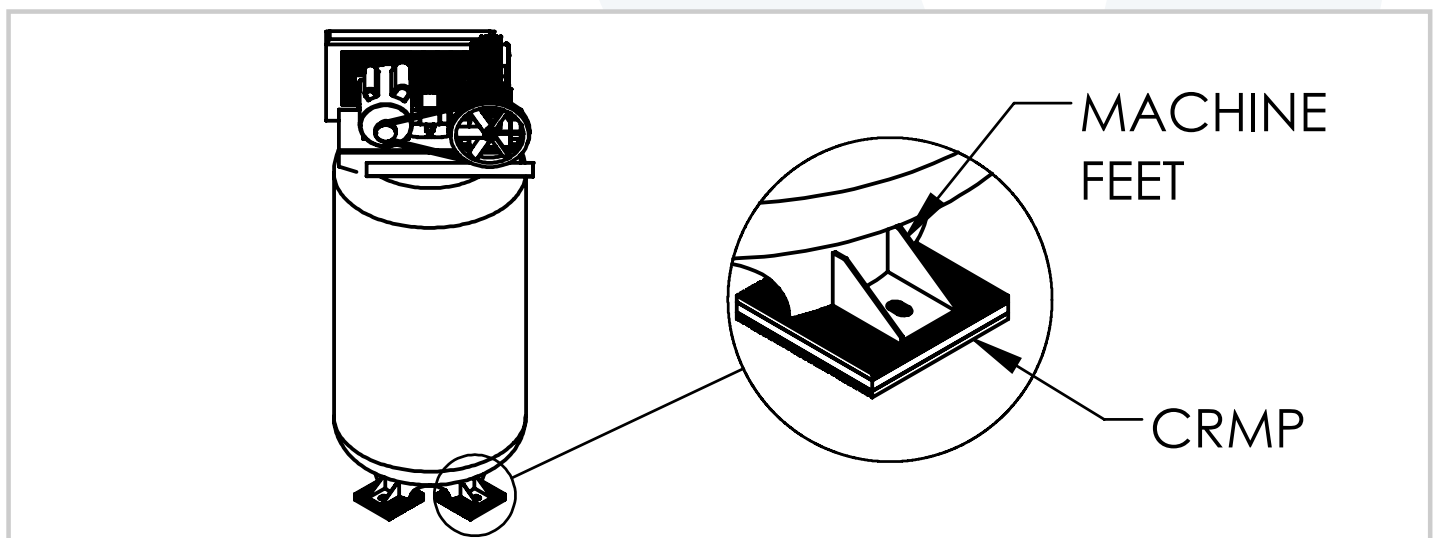
Model	Working Load Range (lbs)	Dimensions in inches			Color
		Length (in)	Width (in)	Thickness (in)	
CRMP-0202	60 - 300	2	2	.90	Black
CRMP-0303	135 - 675	3	3	.90	Black
CRMP-0404	240 - 1,200	4	4	.90	Black
CRMP-0606	540 - 2,700	6	6	1.25	Black
CRMP-0808	960 - 4,800	8	8	1	Black
CRMP-1212	2,160 - 10,800	12	12	1	Black
CRMP-1818	4,860 - 24,300	18	18	.90	Black

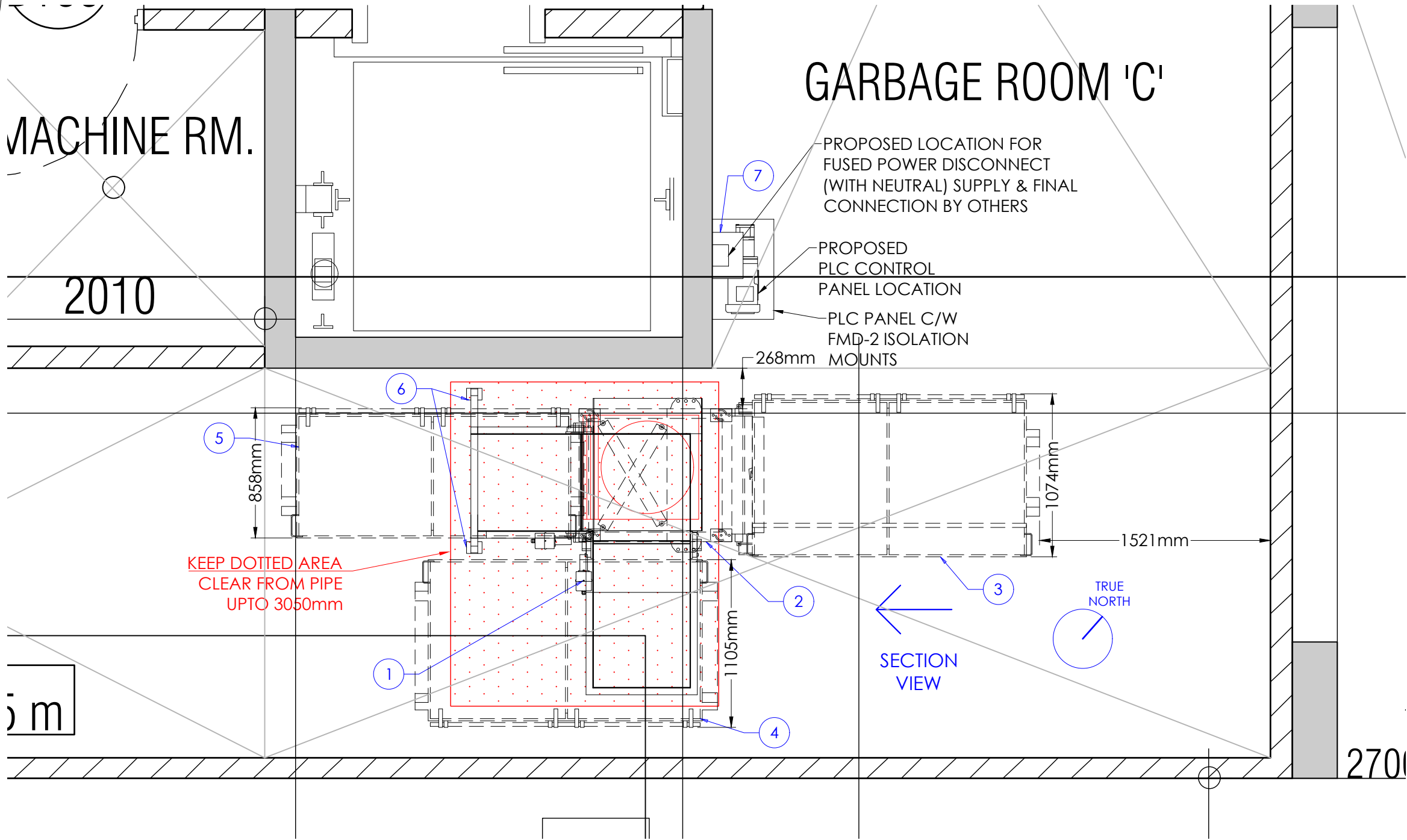


Note:

1. Material: Special rubber cross-ribbed pad with low density cork.
2. Working Range: 15 to 75 psi.

Typical Installation:





GARBAGE ROOM 'C'

PROPOSED LOCATION FOR
FUSED POWER DISCONNECT
(WITH NEUTRAL) SUPPLY & FINAL
CONNECTION BY OTHERS

PROPOSED
PLC CONTROL
PANEL LOCATION

PLC PANEL C/W
FMD-2 ISOLATION
MOUNTS

KEEP DOTTED AREA
CLEAR FROM PIPE
UPTO 3050mm

SECTION
VIEW

TRUE
NORTH

	DATE	REVISION	BY
1			
2			
3			

NOTE:
1. THIS DRAWING IS THE PROPERTY OF **WILKINSON CHUTES CANADA** AND IS LOADED ON THE CONDITION THAT IS IT NOT TO BE REPRODUCED AND IS NOT TO BE USED IN WHOLE OF IN PART TO FURNISH INFORMATION FOR THE MAKING OF DRAWINGS.
2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

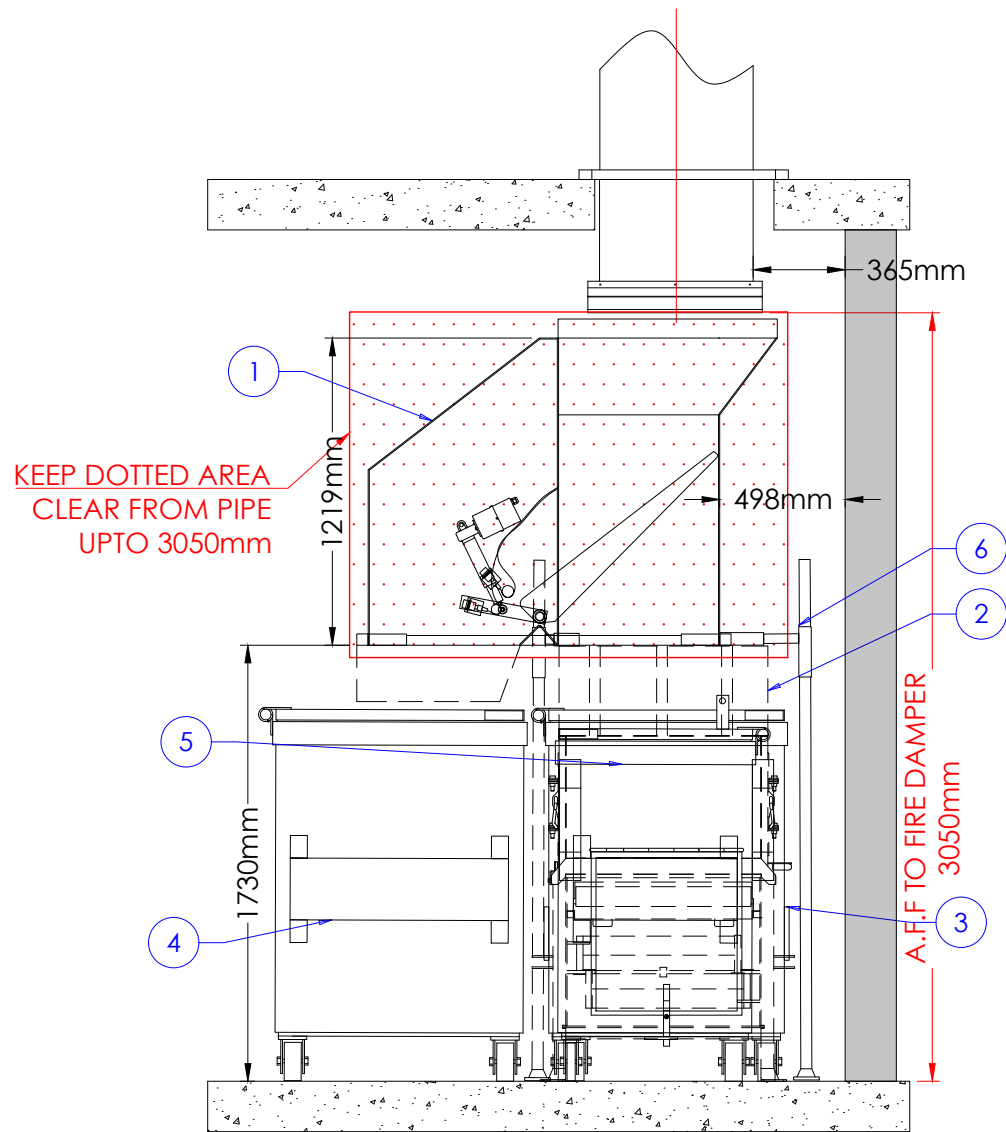
POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.
COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP
(208V, 30AMP PREFERRED)

WASTE MANAGEMENT EQUIPMENT LIST	
1	ELECTRIC TRISORTER CORNER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	



23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPECAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - PLAN VIEW		
JOB NAME: FORESTSIDE C		
REPRESENTATIVE: ROYAL PINE HOMES		
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC001



	DATE	REVISION	BY
1	.	.	.
2			
3			

NOTE:

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.

COMPACTOR TO BE: 3 PHASE, 208V, 30AMP OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

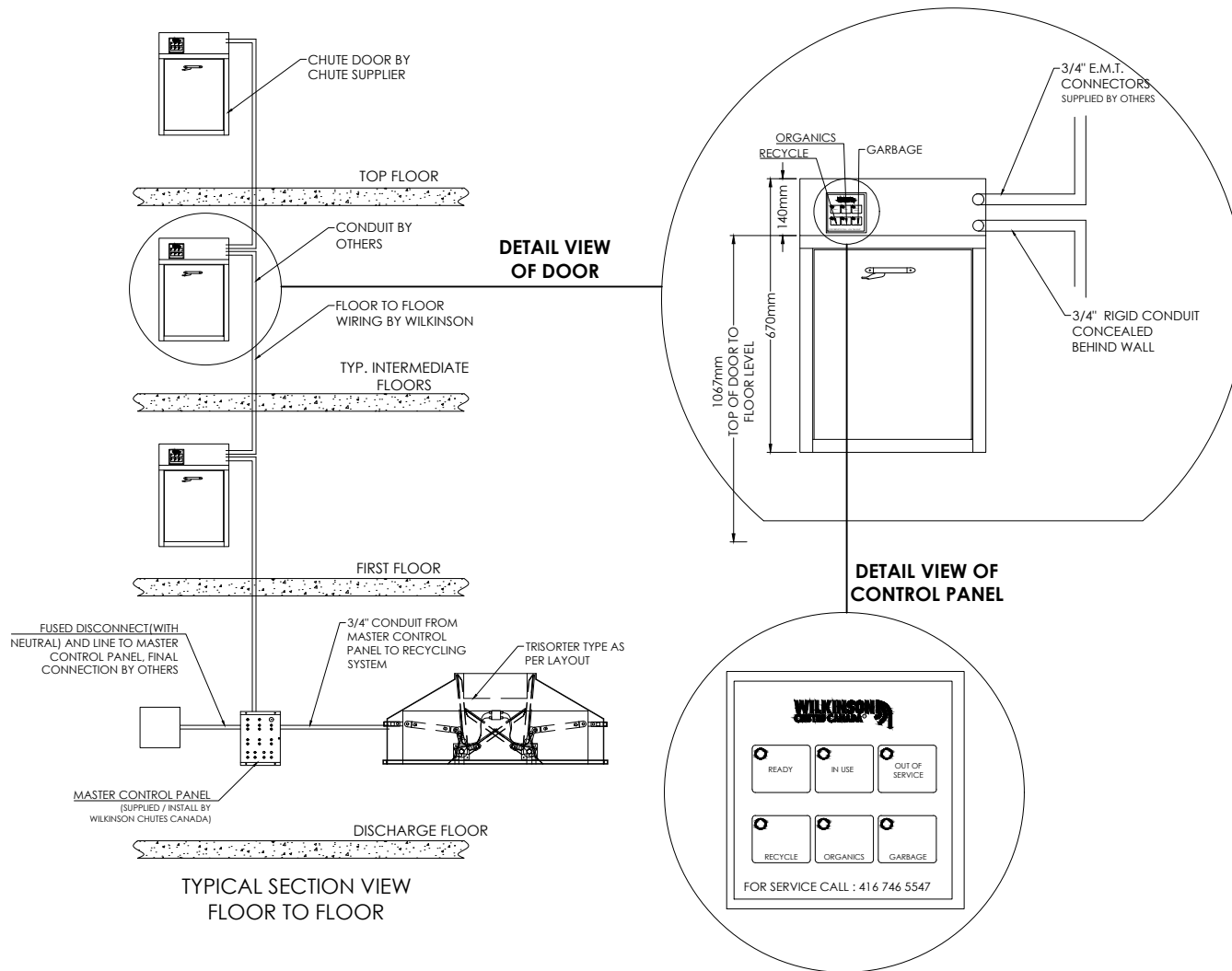
WASTE MANAGEMENT EQUIPMENT LIST	
1	ELECTRIC TRISORTER CORNER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	



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E-MAIL: WCHUTES@METROGROUPECAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - SECTION VIEW		
JOB NAME: FORESTSIDE C		
REPRESENTATIVE: ROYAL PINE HOMES		
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC002

ELECTRICAL AND WIRING INFORMATION



NOTE:

1. CONTRACTORS TO SUPPLY AND INSTALL 3/4" CONDUIT.
2. FACE WALL OF DISCHARGE ROOM MUST NOT BE INSTALLED PRIOR TO CHUTE AND INTAKE DOOR.
3. CONTRACTORS TO CONFIRM DETAILS WITH WILKINSON CHUTES CANADA.
4. VOLTAGE IN DISCHARGE ROOM TO BE 120V, 15AMP SWITCH C/W NEUTRAL FOR TRISORTER AND 3 PHASE, 208 VOLT, 30 AMP (OR 575 VOLT, 15 AMP) 2HP FOR COMPACTOR
VOLTAGE FLOOR TO FLOOR TO BE 24VOLT
5. PROVIDE SIGNAGE FOR SYSTEM OPERATION.

x TWO (2)
RESIDENTIAL CONTROLS
FOR ELECTRICAL INTERLOCKING
TRI-SORTER SYSTEM

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TITLE: ELECTRICAL & WIRING INFORMATION

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

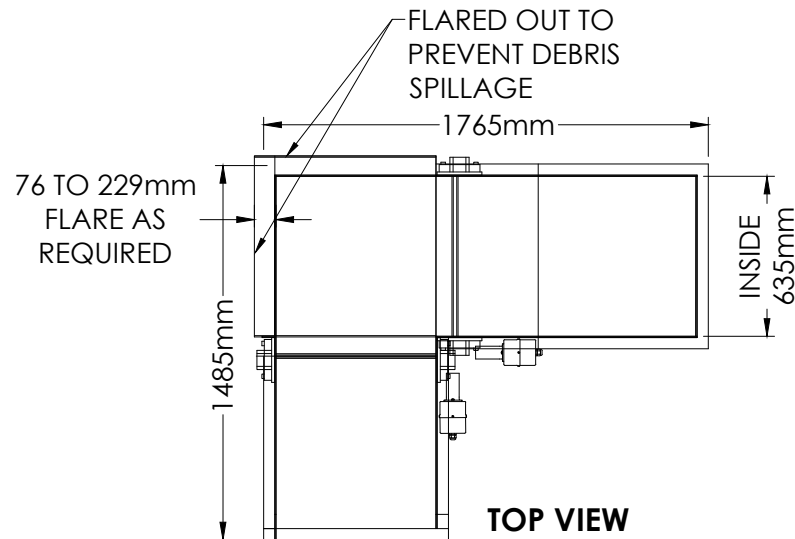
SHEET#:

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BY: R.P.

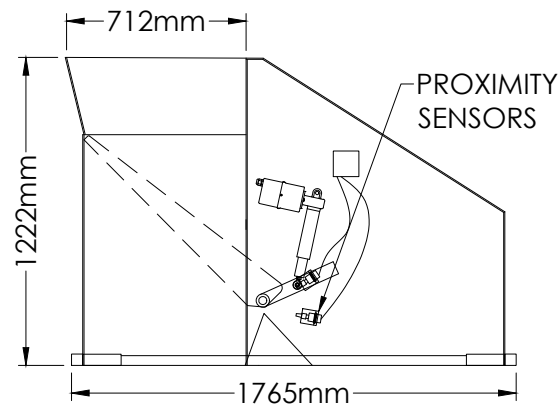
SCALE: N.T.S

JOB#: 19-381

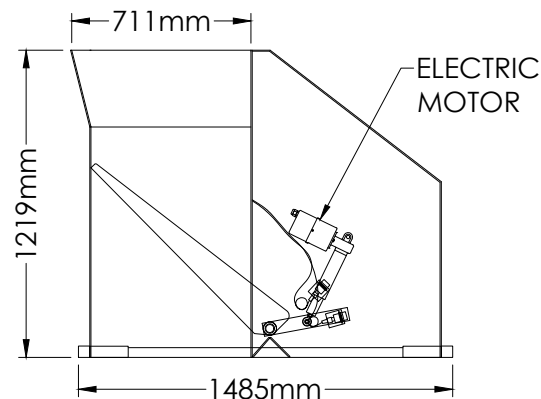
WCC003



CLEAR TOP OPENING

**FRONT VIEW**

CLEAR TOP OPENING

**SIDE VIEW****NOTE:**

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SPECIFICATION:

- | | |
|------------------------------------|----------|
| 1. WEIGHT | 1000 lbs |
| 2. BODY - 1752mm x 1500mm x 1219mm | |
| 3. CLEAR AREA REQUIRED | 3050mm |
| 4. CLEAR TOP OPENING | 686mm |
| 5. TUBE FRAME | 51mm |
| 6. HOUSING STRUCTURE | 14 GA |
| 7. MECHANICAL COVER | 16 GA |

FLAPS:

- | | |
|-------------------------|---------------|
| 1. SIZE (APPROX.) | 635mm x 914mm |
| 2. H.D. PIVOT SHAFT ROD | Ø51mm |
| 3. H.D. PIVOT SHAFT CAM | 51mm x 75mm |

CYLINDERS:

- | | |
|-------------|-----------|
| 1. ELECTRIC | 2 - 101mm |
| 2. DIAMETER | 38mm |

POWER UNIT:

POWER SUPPLY: 120VOLT, 15AMP ELECTRIC
PLUG C/W NEUTRAL AND GROUND

- | | |
|----------|---|
| 1. MOTOR | 2 H.P |
| 2. POWER | 600V-15AMP / 208V-30AMP
(PLEASE SPECIFY) |

CONTROL PANEL:

1. OPEN/CLOSE (NON LOCKING/LOCKING SYSTEM)
*USER CONTROL BOX (ON ALL FLOORS)
2. ON/OFF
3. EMERGENCY BUTTON

**WILKINSON
CHUTES CANADA®**

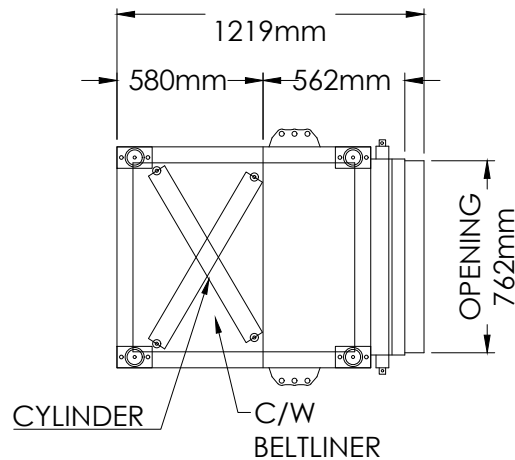
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WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: ELECTRIC TRI-SORTER CORNER UNIT

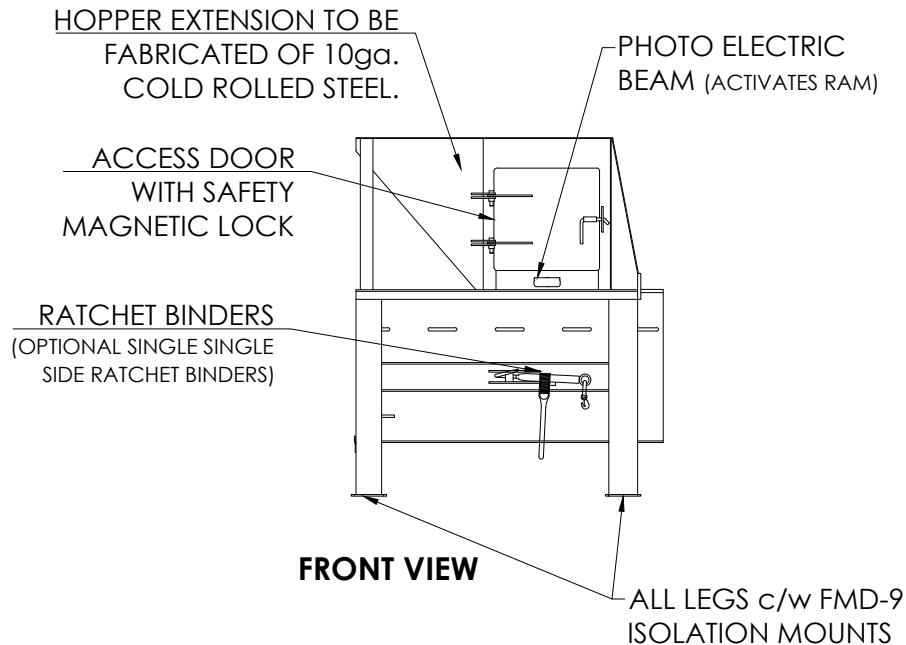
JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

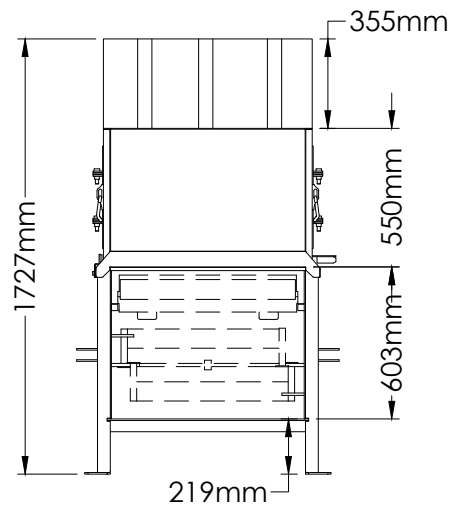
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:30	JOB#: 19-381
		WCC00



TOP VIEW



FRONT VIEW



SIDE VIEW

CONSTRUCTION:

- | | |
|----------------------|--------------|
| 1. WEIGHT | 1500lbs |
| 2. SIDES | 9.5mm |
| 3. BOTTOM | 9.5mm |
| 4. RAM FLOOR | 9.5mm |
| 5. RAM FACE | 9.5mm |
| 6. RAM PENETRATION | 100mm |
| 7. LEGS (TUBE STEEL) | 100mm x 51mm |
| 8. HOPPER EXTENSION | 10ga |

SPECIFICATIONS:

- OVERALL FOOTPRINT/ELEVATION 1.22m x 0.88m x 1.42m
- CHARGE CHAMBER CAPACITY 0.32cu/yd
- VOLUME DISPLACEMENT CAPACITY
- DUAL ADJUSTABLE CONTAINER RATCHET BINDERS. * OPTIONAL SINGLE SIDE RELEASE MECHANISM
- FULL CONTAINER AUTO SHUT DOWN

ELECTRICAL:

- 3 PHASE POWER SUPPLY
- PHOTO ELECTRIC BEAM
- SIDE DOOR MAGNETIC INTERLOCK WITH LATCH
- MOTOR 575V / 208V
- CONTROL PANEL**
- SMART LOGIC RELAY CONTROLS
- ON / OFF SWITCH
- EMERGENCY SHUT DOWN BUTTON

HYDRAULIC:

- OIL TANK CAPACITY 9gals
- PUMP 3 G.P.M
- CYLINDER 2-76mm BORE
- OPERATING PRESSURE 1500 PSI
- STEEL BRADED HOSES c/w 12.7mm COUPLINGS

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TITLE: AP-4830 COMPACTOR UNIT

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

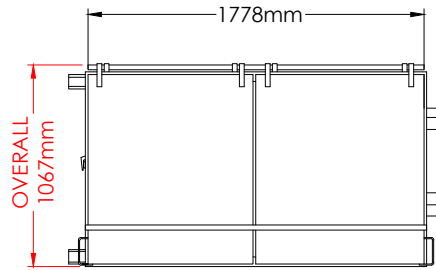
SHEET#:

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BY: R.P.

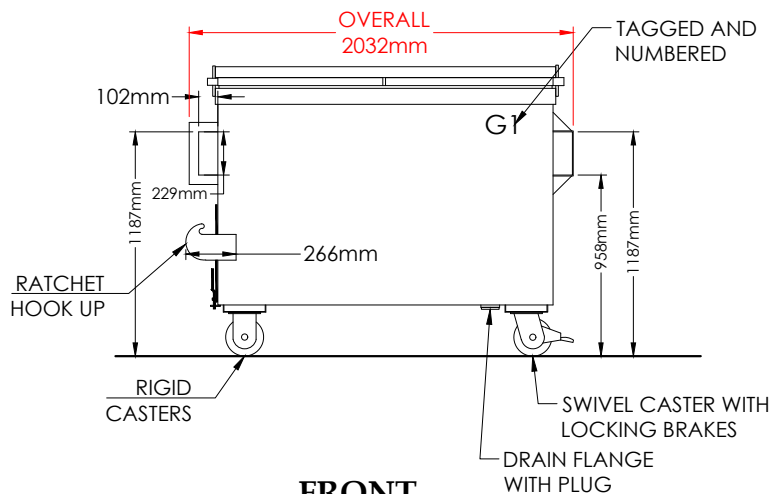
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JOB#: 19-381

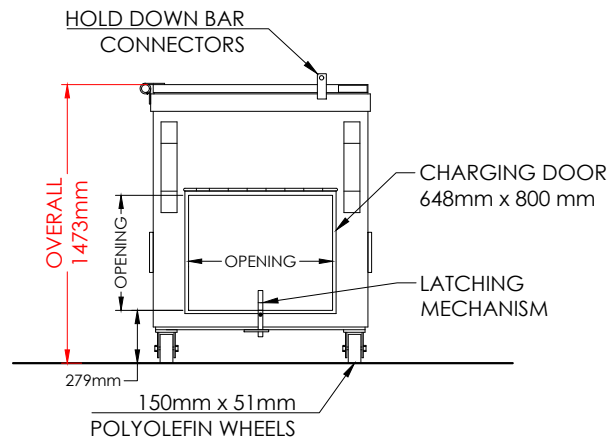
WCC005



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

1. SIDES 12GA.
2. BOTTOMS 10GA.
3. STEEL LIDS 14GA.
4. TWIN FORK POCKETS 11GA
5. CASTER PADS 10GA.
6. REINFORCING CHANNELS 10GA.
7. CHARGING DOORS 10GA.
8. TOW HITCH

SPECIFICATION:

1. PAINTED BLACK
2. LABELED / NUMBER
 - 2.1. Ex. G1, G2, G3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. CHARGING DOOR WITH LATCHING MECHANISM
5. TWO (2) RATCHET HOOK UP
 - 5.1. SINGLE SIDE HOOK UP ALSO AVAILABLE
6. DRAIN FLANGE WITH PLUG
7. LIDS PIVOT AT 270 DEGREES
8. OVERALL LENGTH 2030mm
9. OVERALL HEIGHT 1473mm
10. OVERALL WIDTH 1016mm

QUANTITIES: TWO (2) TOTAL



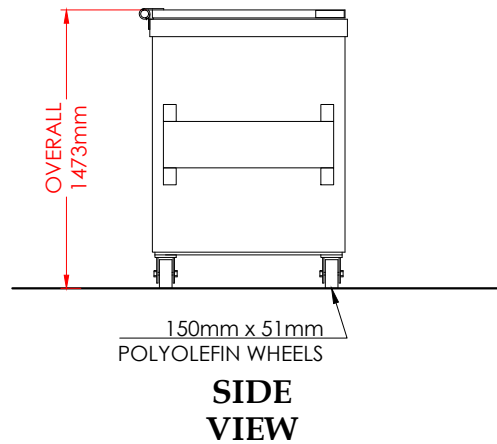
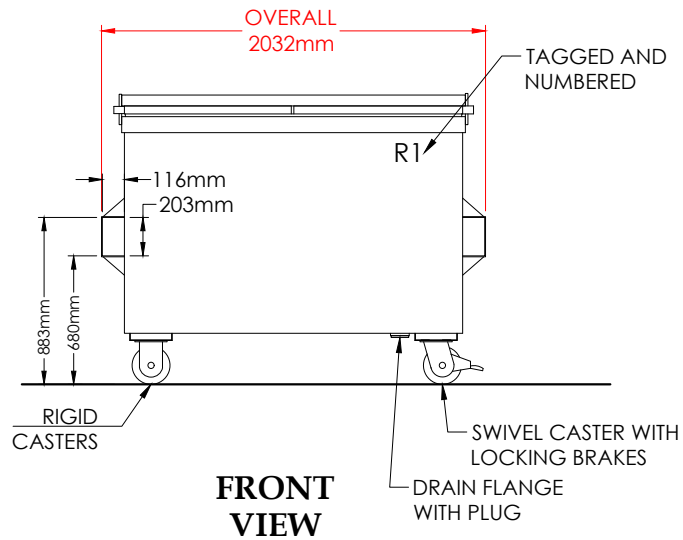
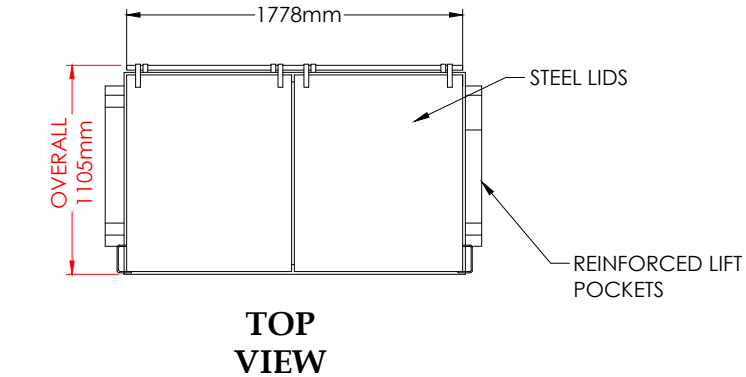
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TITLE: STANDARD GARBAGE BIN

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC006

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLUE
2. LABELED / NUMBER
 - 2.1. Ex. R1, R2, R3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1473mm
8. OVERALL WIDTH 1117mm

QUANTITIES: TWO (2) TOTAL

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TITLE: RECYCLE BIN

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

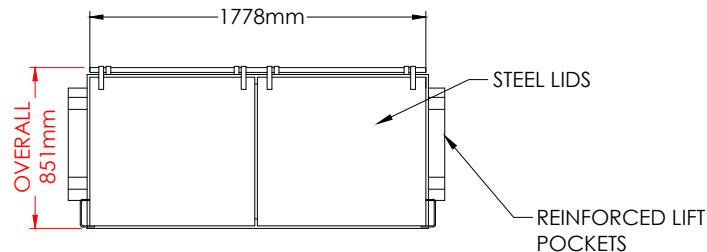
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BY: R.P.

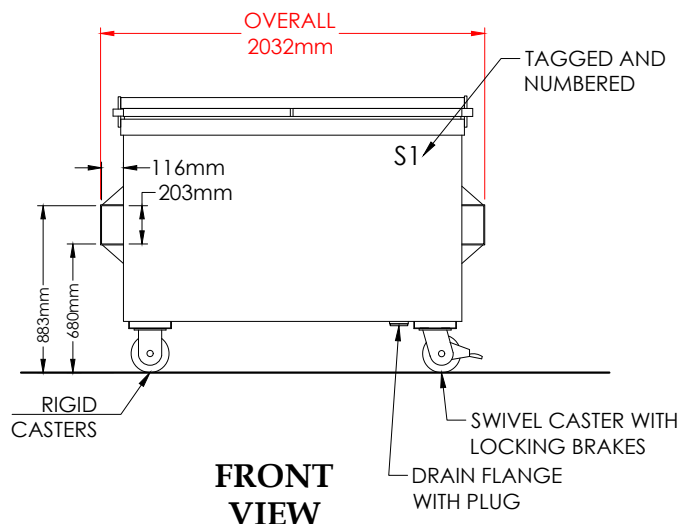
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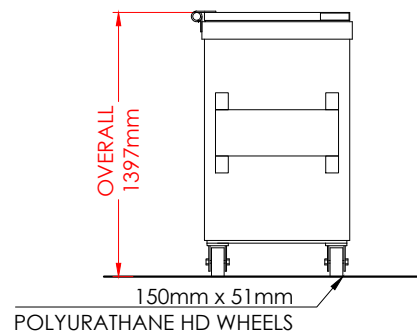
WCC007



**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED GREEN
2. LABELED / NUMBER
 - 2.1. Ex. S1, S2, S3...
3. 150mm x 51mm POLYURATHANE WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1397mm
8. OVERALL WIDTH 813mm

QUANTITIES: ONE (1) TOTAL

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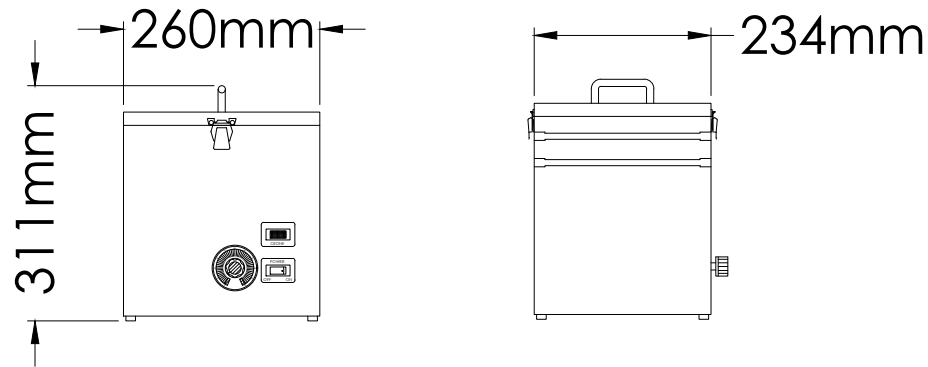
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TITLE: ORGANICS BIN

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC008



SPECIFICATION:

1. WIDTH: 26CM
2. DEPTH: 24.8CM
3. HEIGHT: 31.1CM
4. COVERAGE: 700M³
5. OUTPUT: 400 MGS/HR
6. AIR FLOW: 100 CFM
7. POWER USAGE: 30W
8. WEIGHT: 4.1KGS
9. VOLTAGE 110/220V

SITE REQUIREMENT:

ELECTRICAL PLUG CONNECTION
TO BE PROVIDED 2' RADIUS
INSTALLATION OF UNIT.

QUANTITIES: ONE (1) TOTAL

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TITLE: ODOUR CONTROL UNIT

JOB NAME: FORESTSIDE C

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:10	JOB#: 19-381
		WCC010



RODENT (VERMIN) CONTROL SYSTEM

PART # WCC-3



QUANTITY: ONE (1) TOTAL

Safe, effective "catch & release" Vermin Control System.
Bait Optional (Peanut Butter etc.) – Multiple Capacity (10 +).
No chemicals or poisons required.
Durable Galvanized Steel, Construction.
Ideal in Compactor / Waste – Recycling – Organics Areas

WCC FLY CONTROL



WCC– Fly Control falls in the range of top of the line “electrocuting” flytraps that are ideal for sensitive areas where effectiveness and ease of maintenance is a top priority.

Constructed in either white metal or high quality stainless steel, the WCC– Fly Control has been manufactured with the specific needs of industrial and commercial users in mind.

SPECIFICATIONS

- Material: White metal
- Dimensions: 25.25"W x 14.5"H x 5.25"D
- Coverage: 20000ft²
- Tube: 2x20W
- Unit Weight: 18.5Lbs
- Box Weight: 21Lbs

IDEAL USE FOR:

- Industrial plants and factories
- Compactor rooms
- Hospitals
- Warehouses
- Loading docks
- Dumpster areas
- Office buildings
- All industrial and commercial premises that require a pest free zone without the need of excessive maintenance

FEATURES

- Industrial strength ultraviolet bulbs
- Easy-glide pullout tray
- Follows all requirements of FDA, USDA, & EPA codes
- 20000ft² coverage
- Large catch area
- Pull out front for easy cleaning
- Safety cut-off switch
- UL listed
- 3 year warranty

QUANTITY: ONE (1) TOTAL

****REQUIRES STANDARD ELECTRICAL OUTLET. MOUNTING DEPENDS ON END CLIENT. WE PREFER IT TO BE ON FLOOR NEXT TO OUTLET**

24HR EMERGENCY SERVICE AVAILABLE 416.746.5547

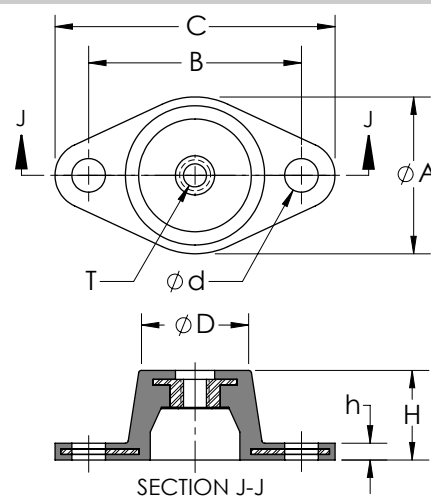
COMPRESSION MOUNTS

FMD compression mounts have great vertical-direction flexibility, and significantly reduce transfer of vibration to the supporting structure. These models are designed for installation on applications with continuous and intermittent loads. Elastomeric bodies of the isolators effectively prevent metal-to-metal contact.

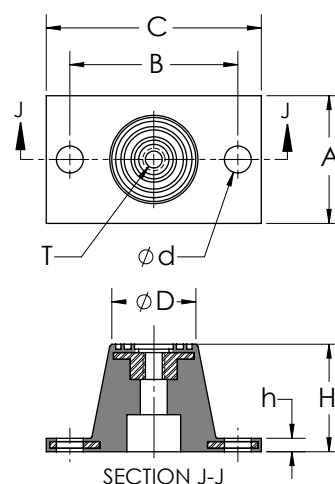
Recommended for:

Motors, fans, pumps, compressors, transformers, electrical, lab-testing equipment and cabinet enclosures, as well as HVAC and other industrial equipment.

FMD-1, 2, 3, 4, 5, 6, 7N, 8N, 9N



FMD-7, 8, 9

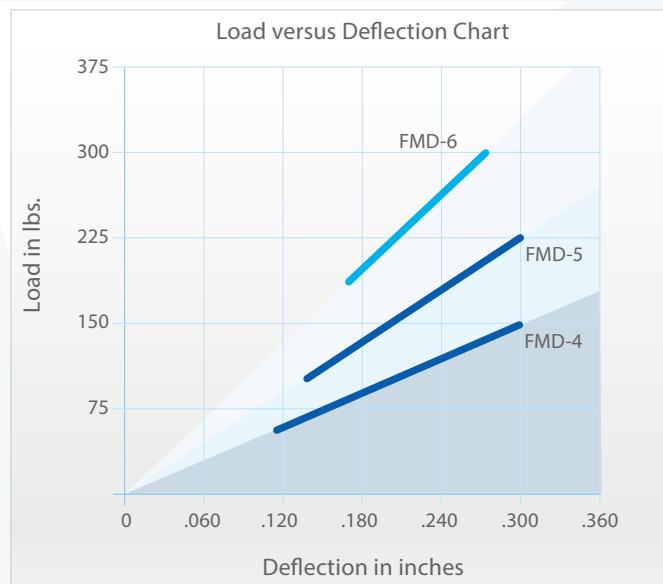
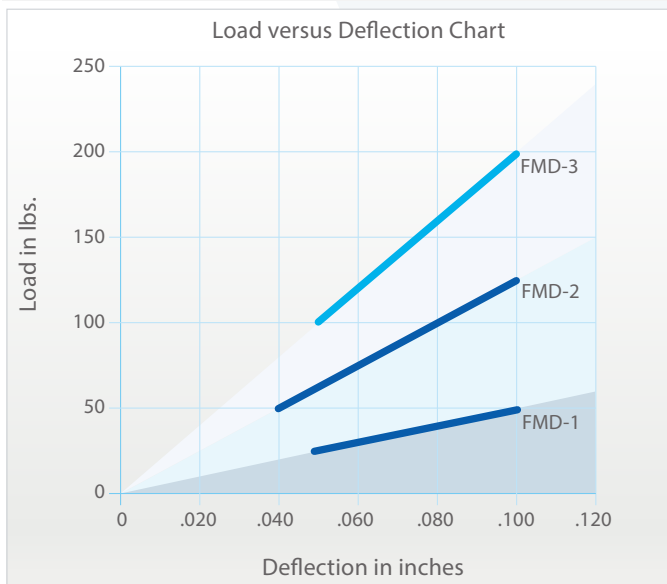


Features:

- ✓ Maximum dynamic loads should not exceed 70% of maximum load capacity
- ✓ Double deflection mounts provide better isolation for low frequency equipment such as fans, etc.
- ✓ FMD models 1 to 6 can be used for wall ceiling mounts installations.
- ✓ Durable and corrosion-resistant.

COMPRESSION MOUNTS

Model	Maximum Load (lbs)	Mount Dimensions (inch)								Color
		A	B	C	D	H	h	d	T	
FMD-1	50	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Red
FMD-2	125	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Green
FMD-3	200	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Black
FMD-4	150	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Red
FMD-5	225	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Green
FMD-6	300	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Black
FMD-7	450	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Green
FMD-8	600	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Red
FMD-9	1,000	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Black
FMD-7N	450	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Green
FMD-8N	600	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Red
FMD-9N	1,000	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Black



COMPACTOR BELTLINER

PLYLON PLUS PROTECTOR 330/3/48 1/4 X 1/16"

PROTECTOR

International Standards

ARPM Grade II, AS Grade E

A Grade II compound for applications requiring good abrasion and gouge resistance and very good flex life.

Resistance Properties

Abrasion	Good
Flame	No
Cut & Gouge	Good
Oil	No
Static Conductive	ISO 284

Physical Properties

Tensile	2300	psi
Elongation	510	%
DIN Abrasion	145	cu.mm
Hardness	61	Shore A

Material Temperature

Low Temperature	-30 degree F
High Temperature	150 degree F

Conveyor Belt Data

Warp Yarn	Polyester
Weft Yarn	Polyester
Nominal Carcass Gauge	0.161 in
Nominal Overall Gauge	0.474 in
Nominal Carcass Weight	1.06 lb/sq.ft
Nominal Belt Weight	11.8 lb/ft
Average Permanent Elongation	0.8 %
Elastic Modulus	34,500 piw
Step Length	10 in
Recommended Fasteners	Plate 190
	Hinge R2
	Hinge U35A

Load Support

Max Belt Width (in)

0-40 lbs/cu.ft	20 deg	60
	35 deg	54
	45 deg	48
41-80 lbs/cu.ft	20 deg	60
	35 deg	48
	45 deg	42
81-120 lbs/cu.ft	20 deg	54
	35 deg	48
	45 deg	42
Over 120 lbs/cu.ft	20 deg	48
	35 deg	42
	45 deg	36

Note: Widths in red indicate that your selected width is outside the recommended guidelines for this application. Please consult ContiTech.

Continental



ContiTech | DISTRIBUTOR

Ultimate Tensile	3310 PIW
Rip	1310 lbs
Transverse Tear	380 lbs
Longitudinal Tear	250 lbs

Troughability

Min. Belt Width (in)

20 deg idlers	18
35 deg idlers	24
45 deg idlers	30

If top and pulley cover are balanced or less than 1/16" differential, add 6" to the minimum belt width.

Minimum Pulley Diameters (in)

Over 80% Tension	18
60% to 80% Tension	16
40% to 60% Tension	12
Up to 40% Tension	12

If the cover gauge exceeds 1/2" please consult ContiTech for the appropriate minimum pulley diameters.

REVIEWED	
REVIEWED AS NOTED	
REVISE AND RESUBMIT	

This review by GRAZIANI + CORAZZA Architects Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that GRAZIANI + CORAZZA Architects Inc. approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the contract documents. The Contractor is responsible for dimensions to be confirmed and correlated at job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all subtrades. GRAZIANI + CORAZZA Architects Inc.

By: MA Date: 05.OCT.2021

Shop Drawing Submission for:

Chute & Waste Management System

1st Submittal (September 27, 2021)

Project:

FORESTSIDE BLDG D
65-95 ATTMAR DR,
BRAMPTON, ON

Job # 19-381

To:

ROYAL PINE HOMES
3550 LANGSTAFF RD, STE 200,
WOODBRIIDGE, ON

Attn: JEFFREY ELLIS

United Engineering Inc.	
PROFESSIONAL CONSULTING ENGINEERS	
THIS SHOP DRAWING IS:	
<input checked="" type="checkbox"/> REVIEWED	
<input type="checkbox"/> REVIEWED AS MODIFIED	
<input type="checkbox"/> REVISE AND RESUBMIT	
<input type="checkbox"/> SUBMIT TO HYDRO FOR APPROVAL	
The Review of these shop drawings is for general design only and shall not relieve the contractor from conforming to the contract drawings and specifications.	
All dimensions and sizes shall be checked.	
DATE:	CHECKED BY:
2021-10-04	MECH ELEC SP

- ❖ Please provide your anticipated install date and occupancy date so that we may schedule any site visits and production schedules accordingly. Once we have received approved drawings please advise when you will be ready for the site verification. Once completed we can start the fabrication of Chute with 8-10 weeks lead time and Waste Management System with varying production lead time.

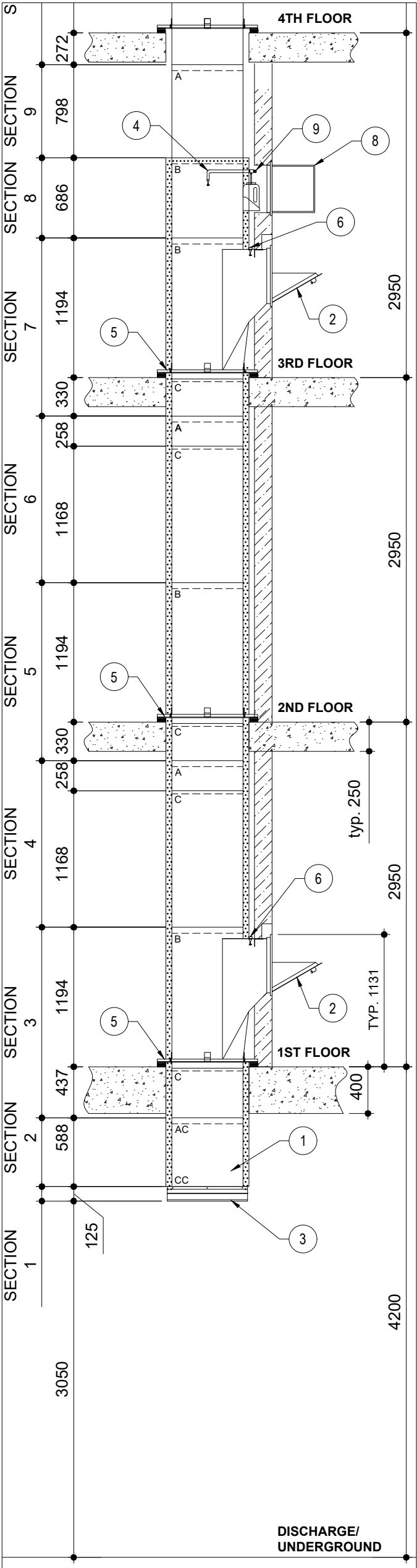
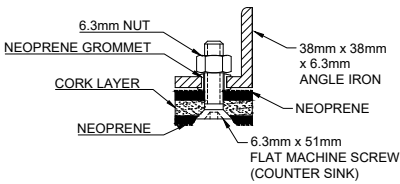
Anticipated Install Date: Chute: _____

WME: _____

Anticipated Occupancy Date: _____

Site Check Date: _____

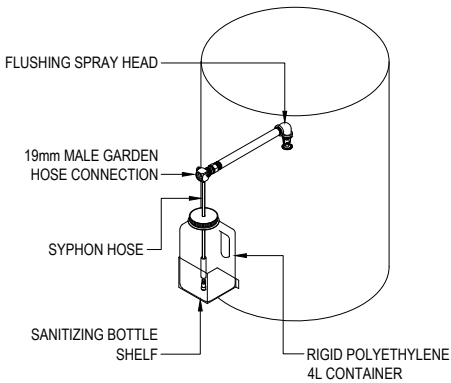
FLOOR FRAME & ISO
PADS DETAILS SCALE (1:4)



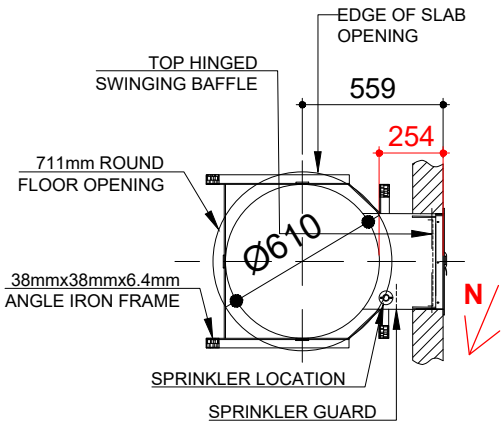
1 TRISORTER CHUTE SECTION
SCALE: 1:40

FINISHED WALL TO BE FLUSH WITH
3/16" ANGLE AROUND THE DOOR TO
INCLUDE BLOCK, DRY WALL, TILES
OR ALL THREE.

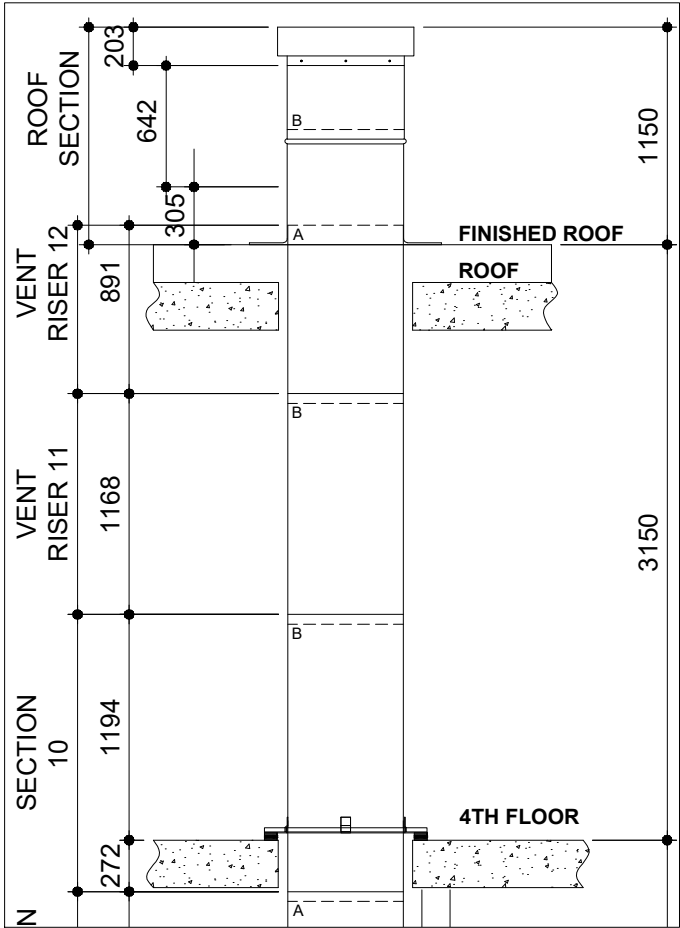
DISINFECTING AND SANITIZING
DETAILS SCALE (1:30)



TYPICAL INTAKE
DETAIL SCALE (1:30)



711mm [28"] ROUND FLOOR
OPENING REQUIRED



	DATE	REVISION	BY
1			
2			

- NOTES:
- ALL CHUTES TO HAVE WELDED VERTICAL LOCK SEAMS AND INSIDE LAP ROUNDOUT JOINTS. PARTITIONS AROUND CHUTES NOT TO BE PLACED UNTIL AFTER CHUTE INSTALLATION, CUTTING OF FLOOR(S) SLAB(S) / ROOF OPENINGS OR CHUTES SHALL BE PERFORMED BY OTHERS. MISCELLANEOUS STEEL TO HAVE SHOP COAT OF PROTECTIVE ENAMEL.
 - CONTRACTORS TO VERIFY AND APPROVE ALL DIMENSIONS ON THESE DRAWING WITH CONDITIONS ON THE JOB SITE. WILKINSON CHUTES CANADA WILL NOT BE RESPONSIBLE FOR DEVIATIONS FROM THE DRAWING ONCE APPROVED.
 - IF FLOOR FRAMES ARE TO SIT ON SUB FLOORS, PLEASE PROVIDE INFORMATION REGARDING THICKNESS OF FINISHED FLOOR.
 - THE FINAL RESPONSIBILITY FOR ENSURING THAT DOORS ARE SITTING FLUSH TO WALLS, MUST LIE ON TRADES CONSTRUCTING THESE WALLS, DUE TO MOVEMENT WHICH MAY OCCUR AFTER INSTALLATION.
 - THIS DRAWING IS THE PROPERTY OF WILKINSON CHUTES CANADA AND IS LOANED ON THE CONDITION THAT IT IS NOT TO BE REPRODUCED AND IS NOT TO BE USED IN WHOLE OR PART TO FURNISH INFORMATION FOR THE MAKING OF DRAWING.
 - LINTEL, IF REQUIRED ABOVE DOOR, BY OTHERS

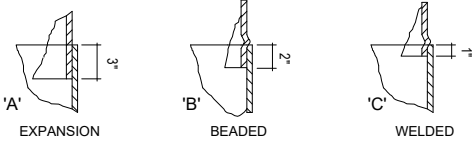
1	CHUTE RISER TO BE 610mm [24"] DIA. FABRICATE WITH 16ga. SATINCOTE STEEL
2	50MM FOIL BACK INSULATION, TO BE WRAPPED AROUND EXTERIOR OF CHUTE FROM SECTION 2 TO 8
3	TYPICAL INTAKE DOOR WILKINSON TYPE DOOR W5VDBEI 380mm x 450mm. BOTTOM HINGED NOISELESS, SELF-CLOSING, SELF-LATCHING, STAINLESS STEEL FINISHED C/W TOP HINGED INSWINGING BAFFLES . BEARING A CANADIAN UNDERWRITER'S LABORATORIES 1-1/2 HR., TEMP. RISE 250F. 30MIN LABEL.
4	TWO (2) INTAKE TOTAL
5	C/W TRIM SET FOR EI DOORS (WILKINSON SYSTEM BELOW)
6	C/W INTEGRATED CONTROL BOXES FOR RECYCLING SYSTEM (COMPONENTS NOT INCLUDED)
7	DISCHARGE TYPE "AC" HORIZONTAL ACCORDIAN SPRING LOADED HELD OPEN ON A FUSIBLE LINK ASSEMBLY. ASSEMBLY BEARS 1-1/2 HOUR U.L.C. FIRE RATING.
8	FLUSHING SPRAY HEAD WITH 19mm CONNECTOR READY FOR CONNECTION BY OTHERS.
9	TOED IN CHUTE SUPPORT BY MEANS OF CLIPS WELDED AT QUARTERS TO SIT ON ANGLE IRON AND BAR GRID TYPE FLOOR FRAME. STEEL TO BE 5mm THICK MINIMUM.
10	C/W NEOPRENE - CORK - NEOPRENE ISOLATOR PADS
11	FUSIBLY LINKED 155 F SPRINKLERS TO BE INSTALLED AT TOP INTAKE AND ALTERNATE INTAKE BELOW AND READY FOR CONNECTION BY OTHERS.
12	SPRINKLERS ARE ON: 1ST AND 3RD LEVELS
13	ROOF SECTION TO EXTEND FULL DIAMETER THRU ROOF TO A HEIGHT ABOVE 1000mm. HAVING A FULLY VENTED CAP C/W BIRD SCREEN . PROVIDED WITH A FLAT FLASHING (SEALING BY OTHERS). ROOF EXTENSION AND VENT SHALL BE SATINCOTE STEEL FINISH.
14	ONE (1) FR 16 X16 - 406mm X 406mm SIDE HINGE ACCESS DOOR . DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. (INSTALLED BY OTHERS)
15	ONE (1) DISINFECTING AND SANITIZING UNIT WHERE DESIGNATED ON DRAWING. VACUUM BREAKER, CONTROL VALVE, AND BACKFLOW PREVENTER BY OTHERS. (FLUID & CONNECTION BY OTHERS)

NOTE: SUPPLY & INSTALL

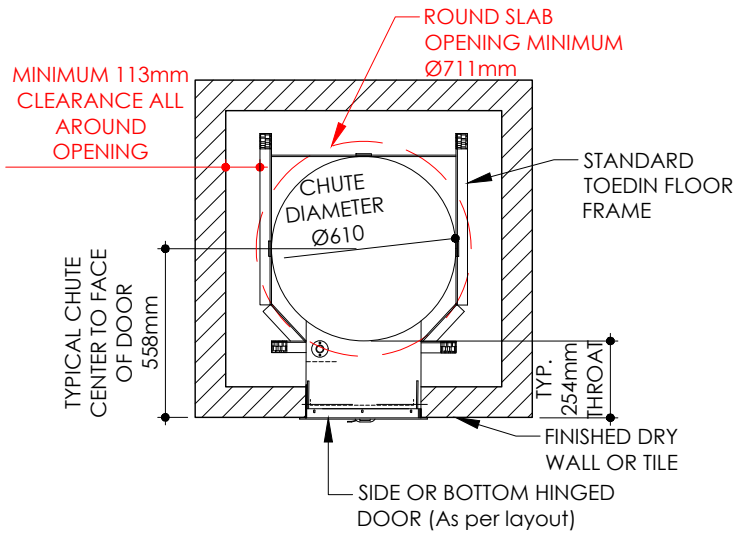
COMPANY:
23 RACINE RD,
TORONTO, ONTARIO
M9W 2Z4
TEL (416) 746-5547
FAX (416) 743 5632
WCHUTES@METROGROUPCAN.COM



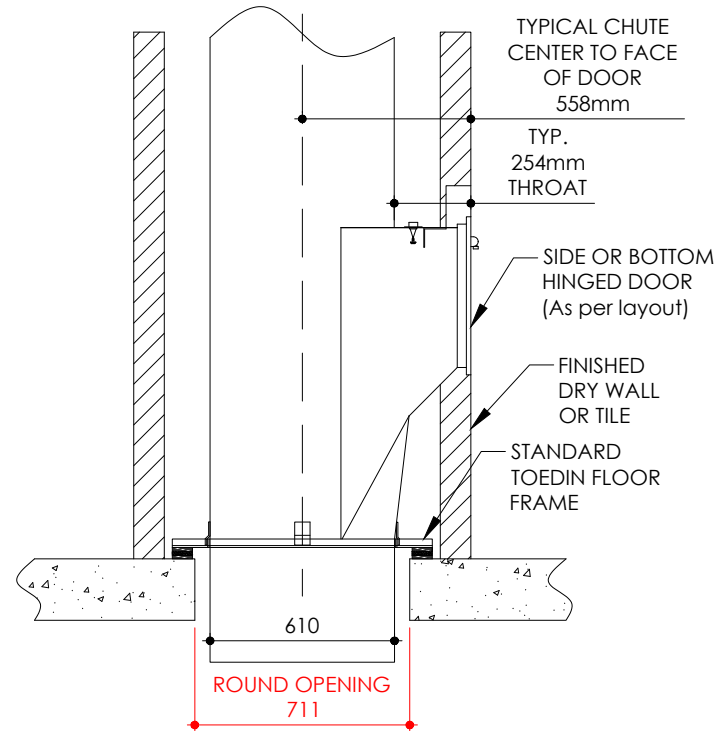
DETAIL OF ROUNDOUT JOINTS



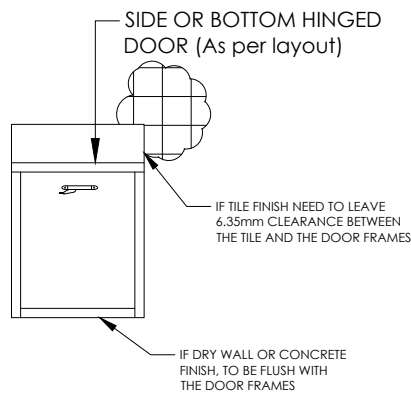
1ST SUBMITTAL	XX	September 27, 2021
2ND SUBMITTAL		
3RD SUBMITTAL		
APPROVED FOR FABRICATION		
JOB NAME:	FORESTSIDE - D	
LOCATION:	BRAMPTON, ON	
REPRESENTATIVE:	ROYAL PINE HOMES	
ITEM: TRISORTER CHUTE - W5VDBEIRAC60	SHEET #:	
DRAWN BY: R.P	P.O #: -	JOB #: 19-381
		1 OF 1



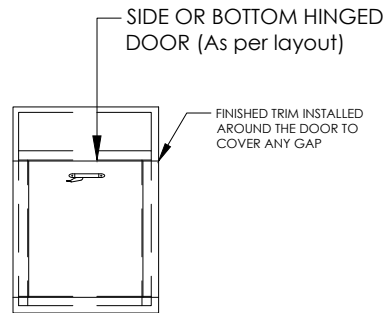
PLAN VIEW



SECTION VIEW



DOOR FRONT VIEW (NO TRIM)



DOOR FRONT VIEW (WITH TRIM)

NOTE: FLOOR FRAME NEEDS TO REST INSIDE SHAFT WALL DUE TO SOUND ISOLATION REQUIREMENT.

PLEASE CLARIFY FLOOR TYPE:

WOOD/CONCRETE/PRECAST FLOOR SLAB

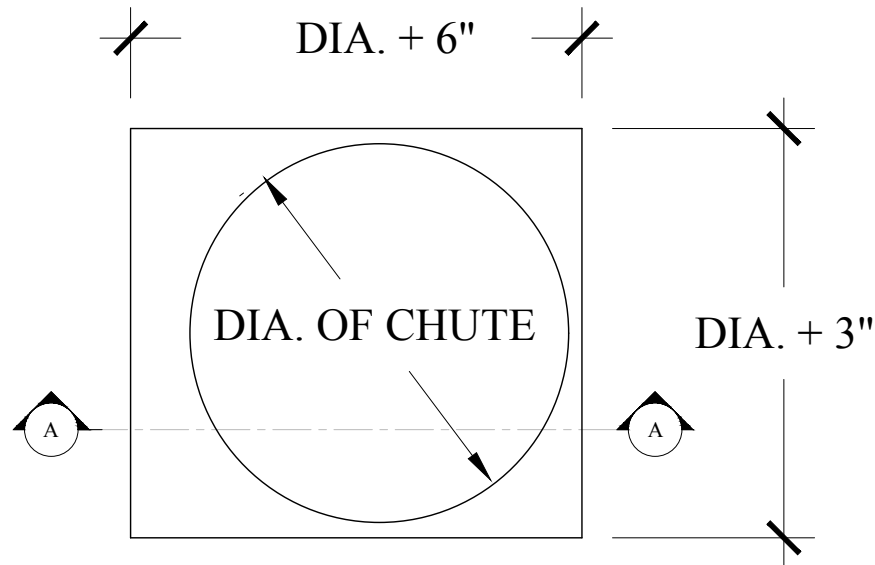
WILKINSON
CHUTES CANADA®

23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: TYPICAL ROUND SLAB OPENING		SHEET#:	
DRAWN BY: R.P.	SCALE: 1:25	DATE: 2020/12/11	

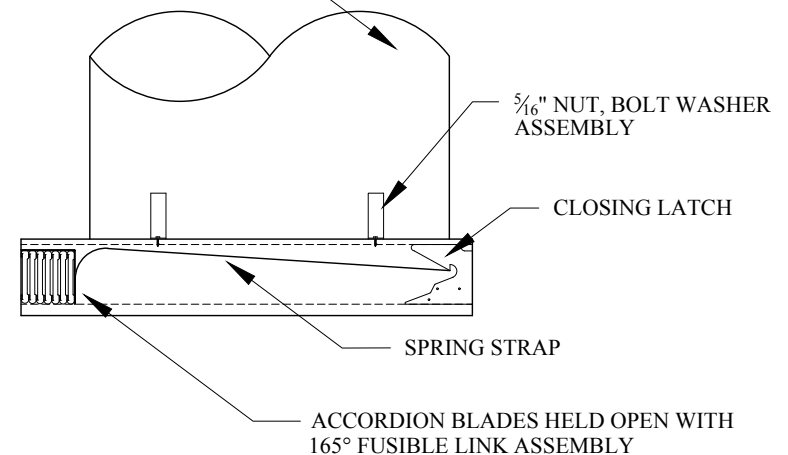
ULC RATED ACCORCION DAMPER ASSEMBLY

DOOR ASSEMBLY CONSISTS OF A SET OF INTERLOCKING TYPE BLADES. HELD OPEN WITH A FUSIBLE LINK. WHEN HEAT RISES ABOVE 165°F OCCURS, LINK MELTS AND TWO SPRING STEEL STAPS PULL BLADES ACROSS CHUTE OPENING.

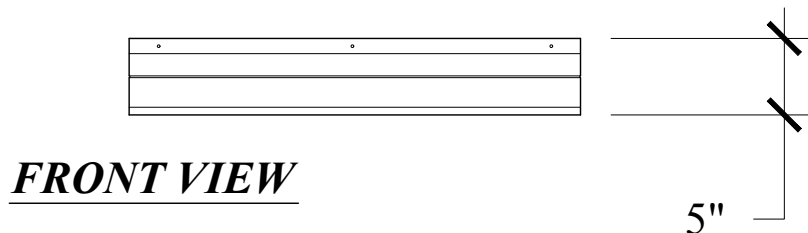


PLAN VIEW

CHUTE RISER WITH CLIPS WELDED FOR
BOLTING TO DAMPER



SECTION A-A



FRONT VIEW

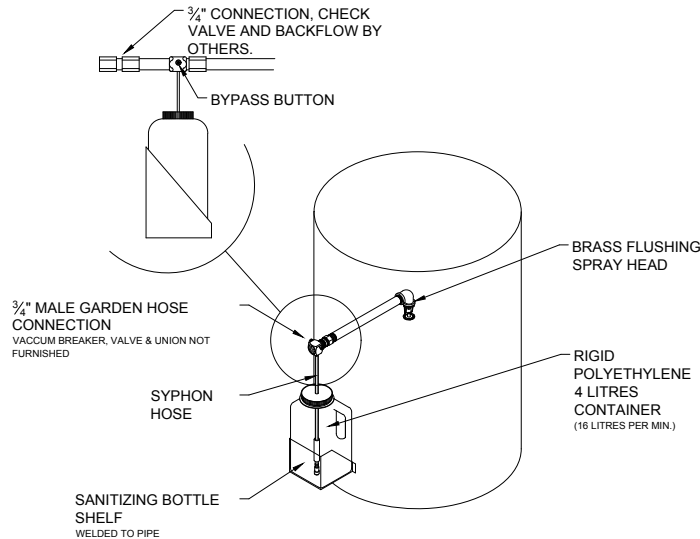


ADDRESS: 23 RACINE RD. TORONTO, ONTARIO M9W-2Z4
TEL: (416) 746-5547 FAX: (416) 743-5632
WCHUTES@METROGROUPECAN.COM

DWG. TITLE: AC DISCHARGE

SCALE: 1" = 1'-0"

SHEET: 1 OF 1



167 PROPORTIONER

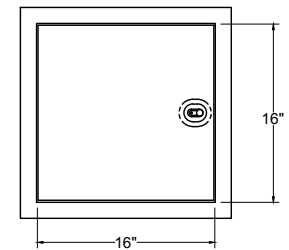
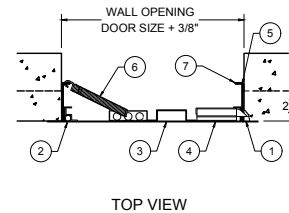
INJECTION RATES FOR VISCOSITIES SHOWN					
1 cps		75 cps		200 cps	
Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio
12.00	10 - 1	3.20	40 - 1	1.10	116 - 1

NOTE: 1 cps IS EQUAL TO THE VISCOSITY OF WATER, 75 cps IS APPR. EQUAL TO VISCOSITY OF 10 WIEGHT MOTOR OIL, AND 200 cps IS APPR. EQUAL TO THE VISCOSITY OF MOST DISHWASHING DETERGENTS.

DISINFECTING & SANITIZING UNIT

INSTRUCTIONS:

1. PROPORTIONING VALVE DILUTES SOLUTION USED TO 60:1
2. FILL BOTTLE WITH SOLUTION (USE OF A BACTERICIDE IS RECOMMENDED)
3. SLIDE BYPASS (RED) BUTTON OVER TO ENGAGE MIXING.
4. A REASONABLE WASH DOWN PERIOD IS 2 MINUTES PLUS 3 SECONDS PER FLOOR
5. SLIDE BYPASS (GREEN) BUTTON ACROSS TO DISENGAGE MIXING AND ALLOW A RINSE PERIOD WITH CLEAR WATER.



1. CHIP OUT MASONRY TO CLEAN OUT BOLT COVER
2. CONCEALED HINGE
3. DOOR
4. RECESSED LATCH
5. INTERIOR LATCH RELEASE SLIDE
6. CLOSING SPRING
7. FRAME

MATERIAL: 16 GAGE, GALVANNEALED STEEL
WHITE PRIME COAT FINISH

DOORS ARE FIRE RATED BY UNDERWRITERS LABORATORIES INC., FOR 1-1/2 HOURS, "B" LABEL, ANSI-UL 10B STANDARD, AND CAN/ULC S104 FOR 2 HOURS IN WALLS. DOOR HAS A HEAVY DUTY SPRING CLOSER TO ASSURE POSITIVE LATCHING WHEN PANEL CLOSSES. THIS DOOR IS FOR WALL INSTALLATION ONLY.

FR 16X16 ACCESS DOOR



23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
E-MAIL: WCHUTES@METROGROUPCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

NOTE:

1. THIS DRAWING IS THE PROPERTY OF **WILKINSON CHUTES CANADA** AND IS LOADED ON THE CONDITION THAT IS IT NOT TO BE REPRODUCED AND IS NOT TO BE USED IN WHOLE OF IN PART TO FURNISH INFORMATION FOR THE MAKING OF DRAWINGS.
2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE:

DISINFECTING & SANITIZING UNIT WITH ACCESS DOOR

JOB NAME:

LOCATION:

SCALE: 1:16

DATE: 28-04-2020

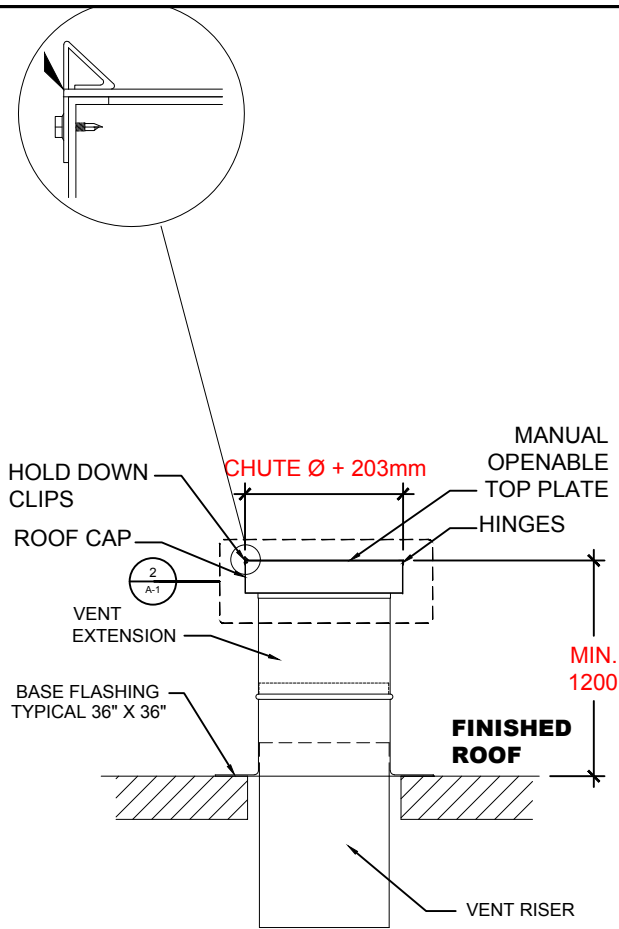
REPRESENTATIVE:

SHEET. #:

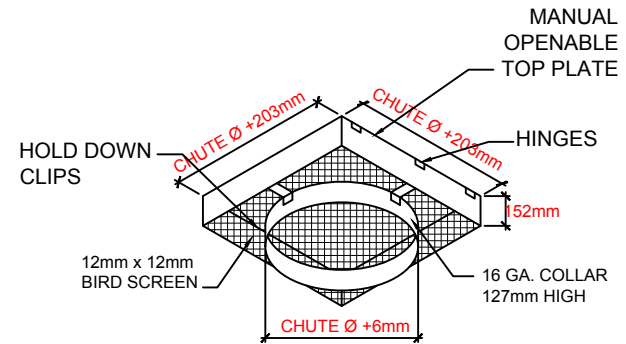
JOB #:

P.O. #:

DRAWN BY: A.Z



SECTION VIEW



DETAIL
A1 -2



23 RACINE RD. TORONTO,
ONTARIO M9W 2Z4
TEL (416) 746-5547 FAX (416) 743 5632
TOLL FREE: 1-866-535-0558
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WEBSITE: WWW.WILKINSONCHUTES.CA

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER & GRIND SMOOTH ALL SHARP AREAS
5. DESIGNED TO MEET WITH STANDARD AP-100 SERIES COMPACTION UNITS
6. STANDARD TO ALL CONTAINERS: TWO (2) STEEL LIDS, TOW HITCH, DRAIN FLANGE WITH PLUG, REINFORCED PICK UP POCKETS, ONE (1) HOLD DOWN BAR PER SITE. CONTAINERS CUSTOM BUILT TO SUIT SITE CONDITIONS - CONTAINER SIZES MAY CHANGE DUE TO ROOM LAYOUT AND/OR OTHER SITE OBSTRUCTIONS.

TITLE:

FLAT ROOF SECTION

JOB NAME:

LOCATION:

SCALE: 1:50

DATE: 20-12-19

REPRESENTATIVE:

SHEET. #:

JOB #:

P.O. #:

DRAWN BY: A.Z

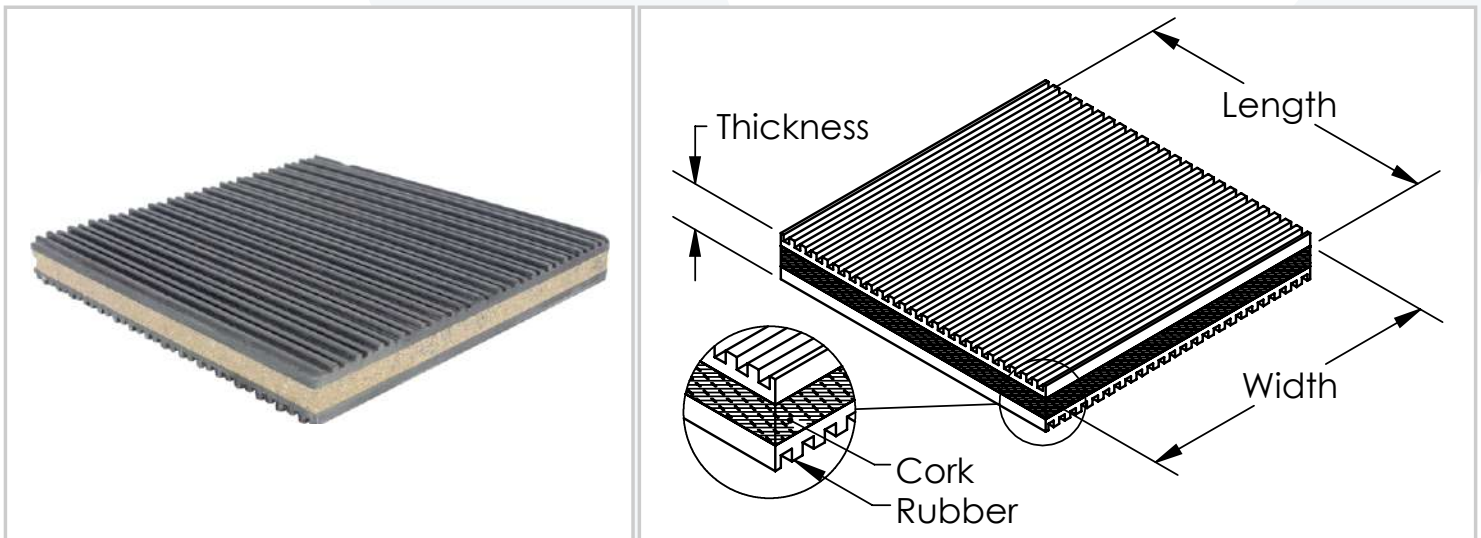
CORK RUBBER MOUNTING PADS

CRMP Series

VibraSystem Inc. CRMP Cork Rubber Mounting Pad is designed to solve problems caused by structure born vibration and noise. Constructed of cork with opposed ribbed pads on either sides for added isolation and positive grip.

Recommended for:

The CRMP Pad is suitable for applications where bolting is to be avoided and minor non-critical vibration conditions exist. It is also recommended for indoors applications such as compressors, blowers, AC units, chillers, pumps, etc.



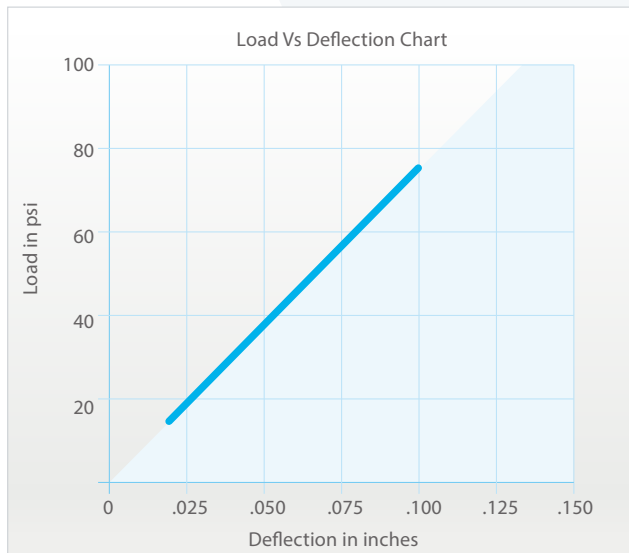
Features:

- ✓ Simple field installation. No bolting required.
- ✓ Excellent product for acoustic problems applications.
- ✓ Anti-skid surfaces through ribbed construction.

CORK RUBBER MOUNTING PADS

Cut size : 2" x 1.5" x 0.90"

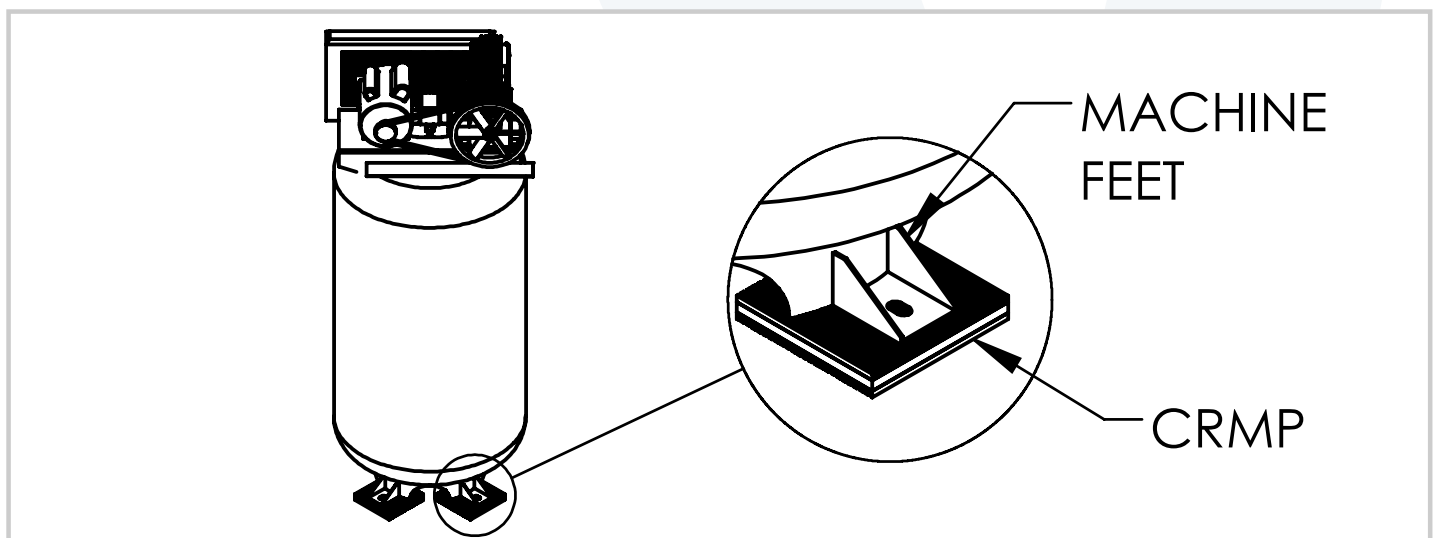
Model	Working Load Range (lbs)	Dimensions in inches			Color
		Length (in)	Width (in)	Thickness (in)	
CRMP-0202	60 - 300	2	2	.90	Black
CRMP-0303	135 - 675	3	3	.90	Black
CRMP-0404	240 - 1,200	4	4	.90	Black
CRMP-0606	540 - 2,700	6	6	1.25	Black
CRMP-0808	960 - 4,800	8	8	1	Black
CRMP-1212	2,160 - 10,800	12	12	1	Black
CRMP-1818	4,860 - 24,300	18	18	.90	Black

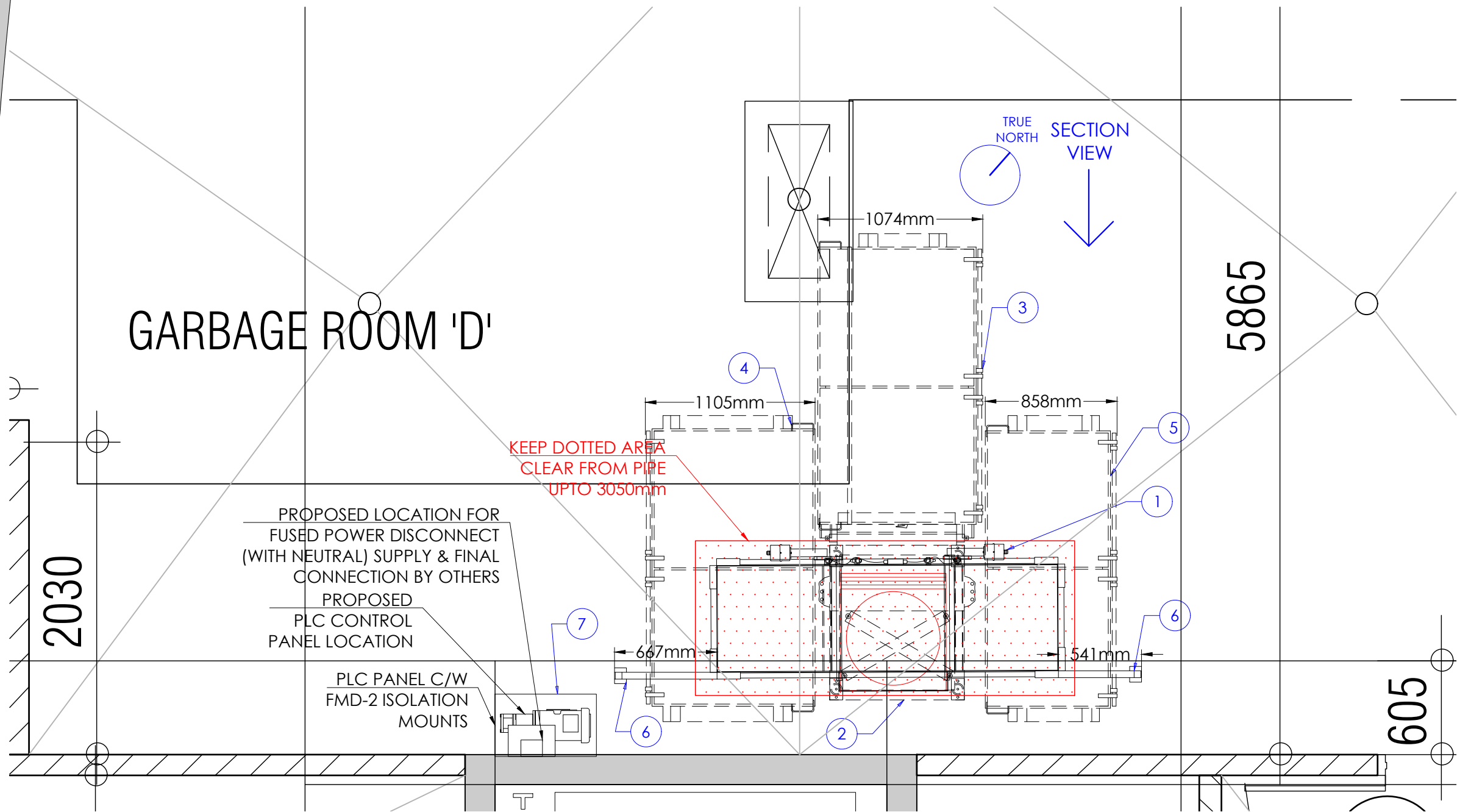


Note:

1. Material: Special rubber cross-ribbed pad with low density cork.
2. Working Range: 15 to 75 psi.

Typical Installation:





PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

POWER SUPPLY REQUIREMENT FOR TRISORTER TO BE: 120 VOLT, 15 AMP SWITCH C/W NEUTRAL AND GROUND.

COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

WASTE MANAGEMENT EQUIPMENT LIST	
1	ELECTRIC TRISORTER CENTER UNIT
2	AP-4830 COMPACTION UNIT C/W x4 FMD-9 ISOLATION MOUNTS & BELTLINER
3	TWO (2) - GARBAGE BIN (1016mm X 1472mm X 2032mm)
4	TWO (2) - RECYCLE BIN (1067mm X 1472mm X 2032mm)
5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	

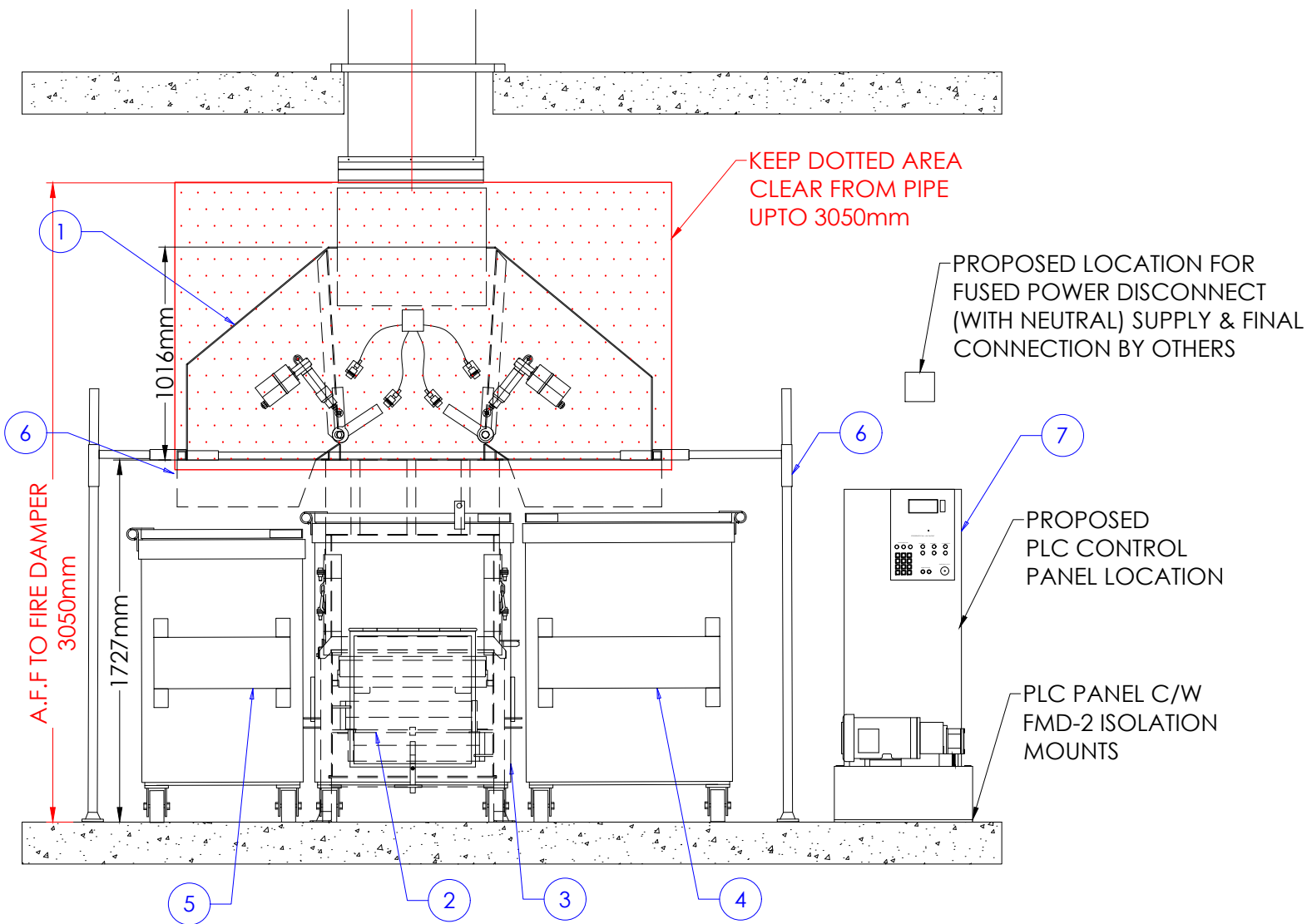


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E-MAIL: WCHUTES@METROGROUPOCAN.COM
WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - PLAN VIEW		
JOB NAME: FORESTSIDE D		
REPRESENTATIVE: ROYAL PINE HOMES		
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC001

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 3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
 4. REMOVE ALL WELD SPLATTER
 5. GRIND SMOOTH ALL SHARP AREAS
 6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - ul/ulc CERTIFIED IN CONDUIT and ANCHORED IN PLACE

	DATE	REVISION	BY
1			
2			
3			



	DATE	REVISION	BY
1	.	.	.
2			
3			

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PLEASE NOTE:
SUPPORTING OF THE RECYCLING SYSTEM TO BE DETERMINED UPON SITE VISIT AND BINS MAY CHANGE DUE TO ACTUAL SITE MEASUREMENTS AND/OR OTHER TRADE EQUIPMENT.

IF LIFTING EQUIPMENT REQUIRED FOR INSTALLATION, TO BE SUPPLIED BY OTHERS.

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COMPACTOR TO BE: 3 PHASE, 208V, 30AMP (OR 600V, 15AMP), 2HP (208V, 30AMP PREFERRED)

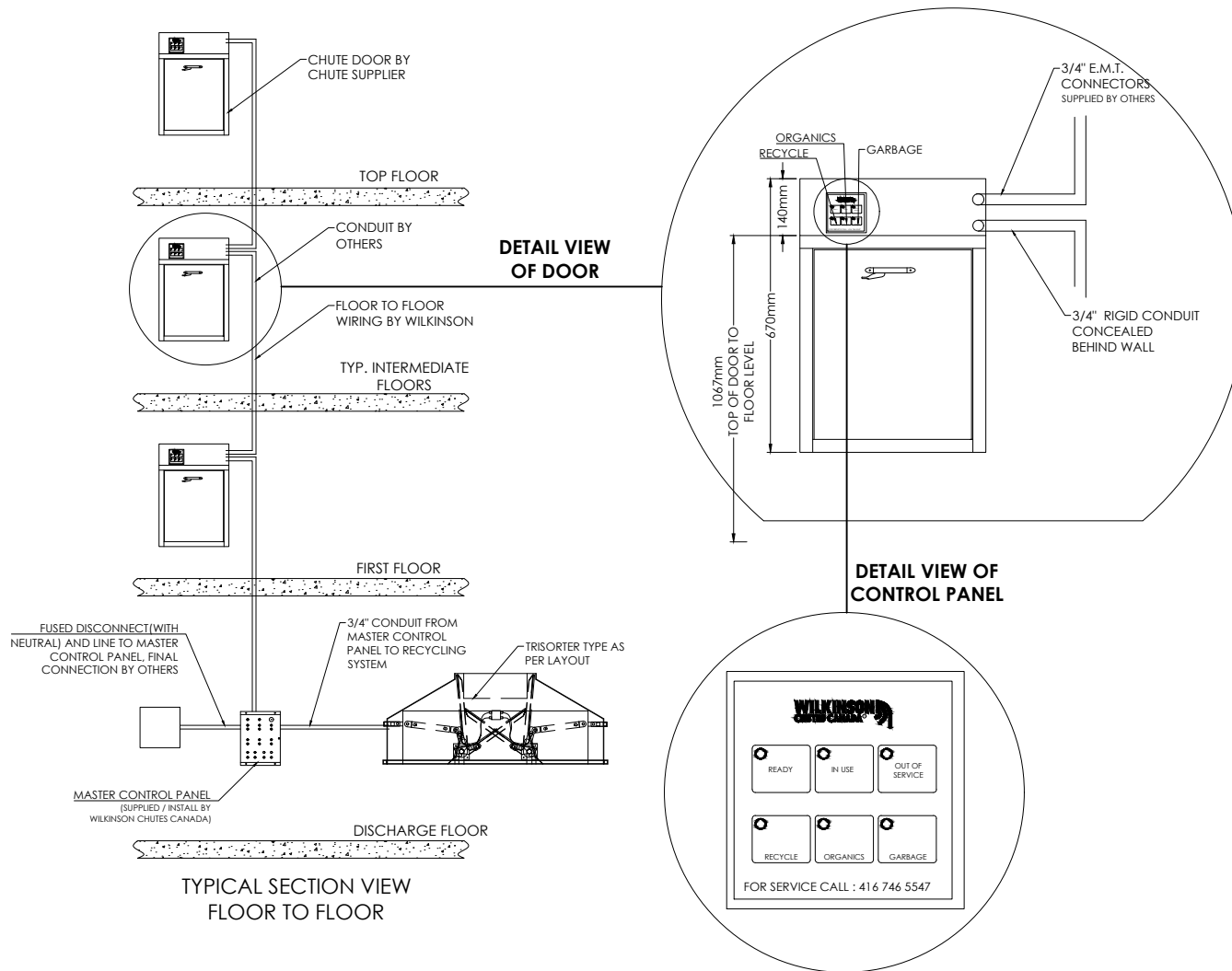
WASTE MANAGEMENT EQUIPMENT LIST	
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5	ONE (1) - ORGANICS BIN (838mm X 1397mm X 2032mm)
6	SUPPORT STANDS C/W x2 FMD-9 ISOLATION PADS
7	PLC CONTROL PANEL C/W x4 FMD-2 ISOLATION PADS
8	

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TITLE: WASTE MANAGEMENT SYSTEM LAYOUT - SECTION VIEW			
JOB NAME: FORESTSIDE D			
REPRESENTATIVE: ROYAL PINE HOMES			
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:	
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381	WCC002

ELECTRICAL AND WIRING INFORMATION



NOTE:

1. CONTRACTORS TO SUPPLY AND INSTALL 3/4" CONDUIT.
2. FACE WALL OF DISCHARGE ROOM MUST NOT BE INSTALLED PRIOR TO CHUTE AND INTAKE DOOR.
3. CONTRACTORS TO CONFIRM DETAILS WITH WILKINSON CHUTES CANADA.
4. VOLTAGE IN DISCHARGE ROOM TO BE 120V, 15AMP SWITCH C/W NEUTRAL FOR TRISORTER AND 3 PHASE, 208 VOLT, 30 AMP (OR 575 VOLT, 15 AMP) 2HP FOR COMPACTOR
VOLTAGE FLOOR TO FLOOR TO BE 24VOLT
5. PROVIDE SIGNAGE FOR SYSTEM OPERATION.

x TWO (2)
RESIDENTIAL CONTROLS
FOR ELECTRICAL INTERLOCKING
TRI-SORTER SYSTEM

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TITLE: ELECTRICAL & WIRING INFORMATION

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

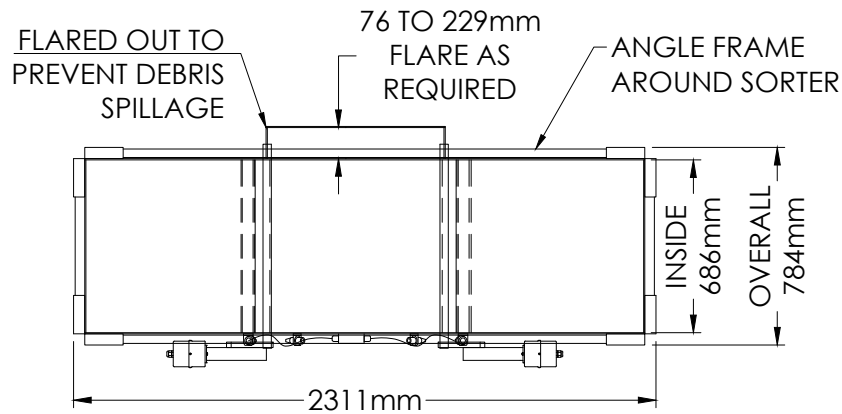
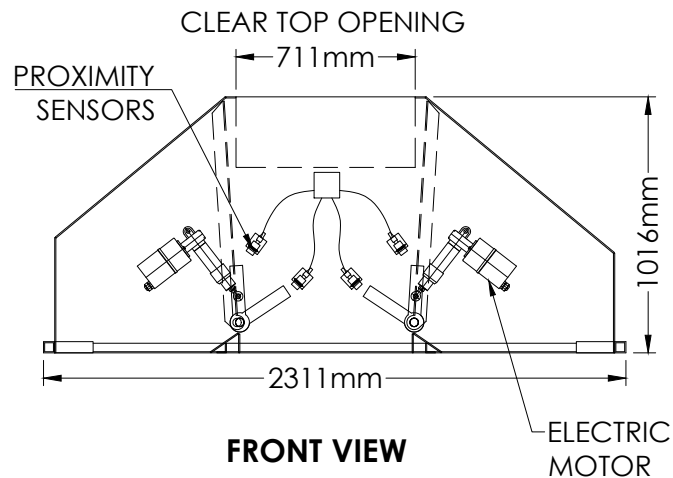
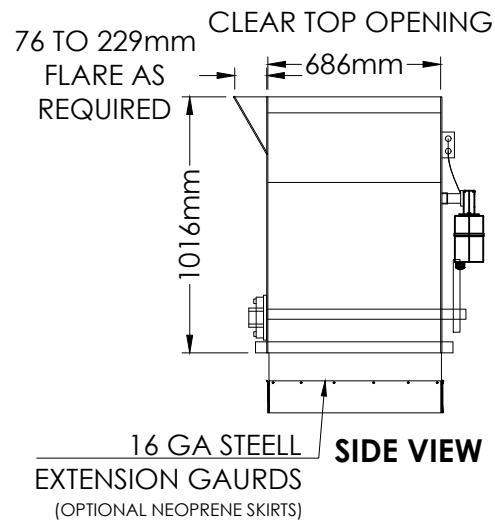
SHEET#:

DRAWN BY: R.P.

SCALE: N.T.S

JOB#: 19-381

WCC003

**TOP VIEW****FRONT VIEW****SIDE VIEW****NOTE:**

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SPECIFICATION:

- | | |
|-----------------------------------|--------|
| 1. WEIGHT | 500 kg |
| 2. BODY - 2300mm x 787mm x 1016mm | |
| 3. CLEAR AREA REQUIRED | 3050mm |
| 4. CLEAR TOP OPENING | 686mm |
| 5. TUBE FRAME | 51mm |
| 6. HOUSING STRUCTURE | 14 GA |

FLAPS:

- | | |
|-------------------------|---------------|
| 1. SIZE (APPROX.) | 686mm x 914mm |
| 2. H.D. PIVOT SHAFT ROD | Ø51mm |
| 3. H.D. PIVOT SHAFT CAM | 51mm x 75mm |

CYLINDERS:

- | | |
|-------------|-----------|
| 1. ELECTRIC | 2 - 101mm |
| 2. DIAMETER | 38mm |

POWER UNIT:

POWER SUPPLY: 120VOLT, 15AMP ELECTRIC
PLUG C/W NEUTRAL AND GROUND

- | | |
|----------|---|
| 1. MOTOR | 2 H.P |
| 2. POWER | 600V-15AMP / 208V-30AMP
(PLEASE SPECIFY) |

CONTROL PANEL:

1. OPEN/CLOSE (NON LOCKING/LOCKING SYSTEM)
*USER CONTROL BOX (ON ALL FLOORS)
2. ON/OFF
3. EMERGENCY BUTTON

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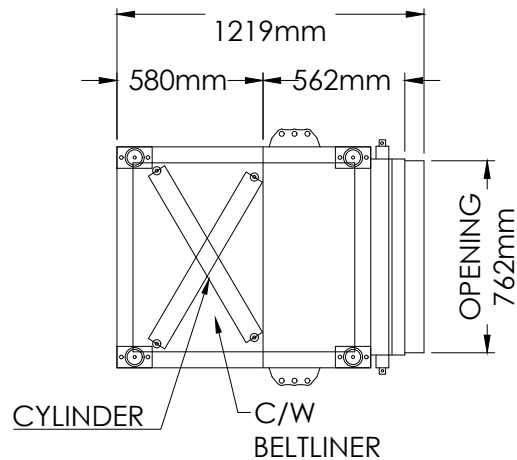
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TITLE: ELECTRIC TRI-SORTER CENTER UNIT

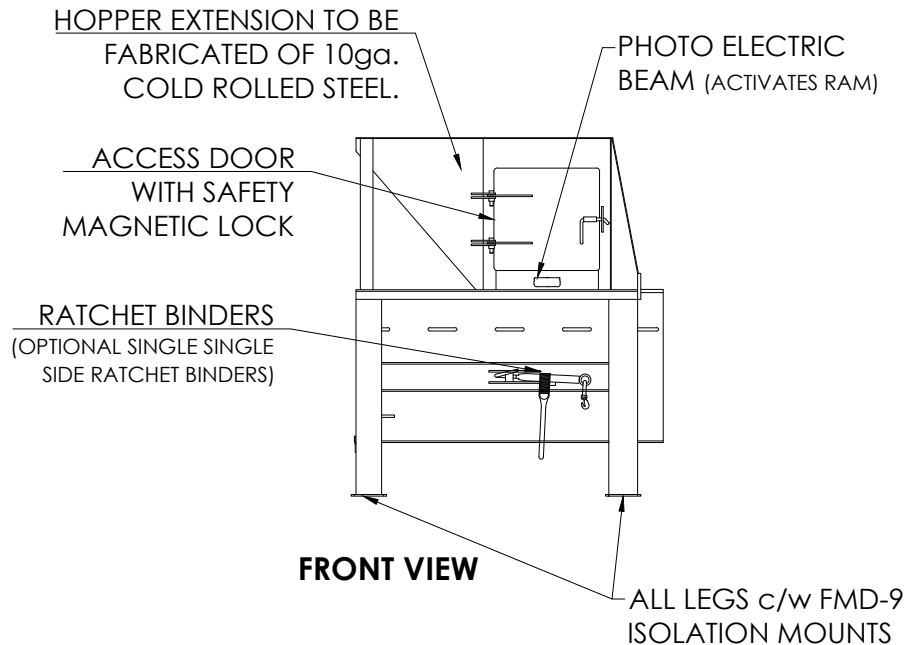
JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

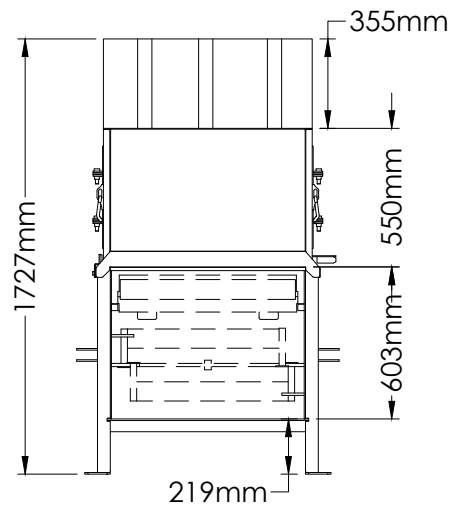
LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:30	JOB#: 19-381
		WCC004



TOP VIEW



FRONT VIEW



SIDE VIEW

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CONSTRUCTION:

- | | |
|----------------------|--------------|
| 1. WEIGHT | 1500lbs |
| 2. SIDES | 9.5mm |
| 3. BOTTOM | 9.5mm |
| 4. RAM FLOOR | 9.5mm |
| 5. RAM FACE | 9.5mm |
| 6. RAM PENETRATION | 100mm |
| 7. LEGS (TUBE STEEL) | 100mm x 51mm |
| 8. HOPPER EXTENSION | 10ga |

SPECIFICATIONS:

1. OVERALL FOOTPRINT/ELEVATION 1.22m x 0.88m x 1.42m
2. CHARGE CHAMBER CAPACITY 0.32cu/yd
3. VOLUME DISPLACEMENT CAPACITY
4. DUAL ADJUSTABLE CONTAINER RATCHET BINDERS. * OPTIONAL SINGLE SIDE RELEASE MECHANISM
5. FULL CONTAINER AUTO SHUT DOWN

ELECTRICAL:

1. 3 PHASE POWER SUPPLY
 2. PHOTO ELECTRIC BEAM
 3. SIDE DOOR MAGNETIC INTERLOCK WITH LATCH
 4. MOTOR 575V / 208V
- CONTROL PANEL**
5. SMART LOGIC RELAY CONTROLS
 6. ON / OFF SWITCH
 7. EMERGENCY SHUT DOWN BUTTON

HYDRAULIC:

1. OIL TANK CAPACITY 9gals
2. PUMP 3 G.P.M
3. CYLINDER 2-76mm BORE
4. OPERATING PRESSURE 1500 PSI
5. STEEL BRADED HOSES c/w 12.7mm COUPLINGS

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WEBSITE: WWW.WILKINSONCHUTES.CA

TITLE: AP-4830 COMPACTOR UNIT

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

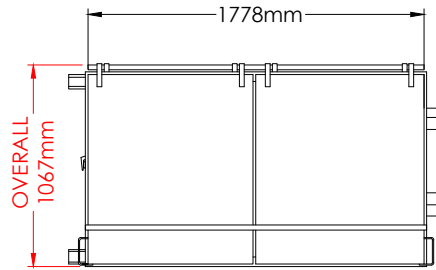
SHEET#:

DRAWN
BY: R.P.

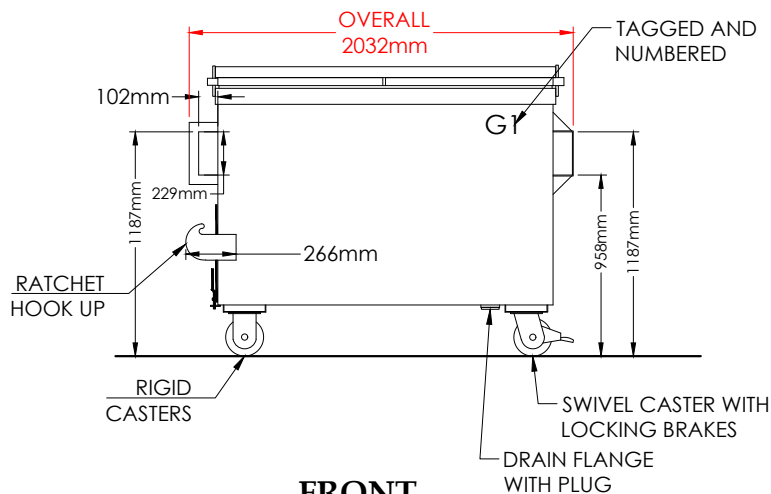
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JOB#: 19-381

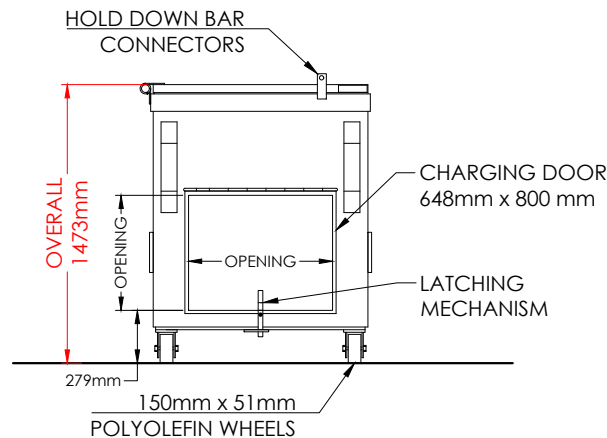
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**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLACK
2. LABELED / NUMBER
 - 2.1. Ex. G1, G2, G3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. CHARGING DOOR WITH LATCHING MECHANISM
5. TWO (2) RATCHET HOOK UP
 - 5.1. SINGLE SIDE HOOK UP ALSO AVAILABLE
6. DRAIN FLANGE WITH PLUG
7. LIDS PIVOT AT 270 DEGREES
8. OVERALL LENGTH 2030mm
9. OVERALL HEIGHT 1473mm
10. OVERALL WIDTH 1016mm

QUANTITIES: TWO (2) TOTAL



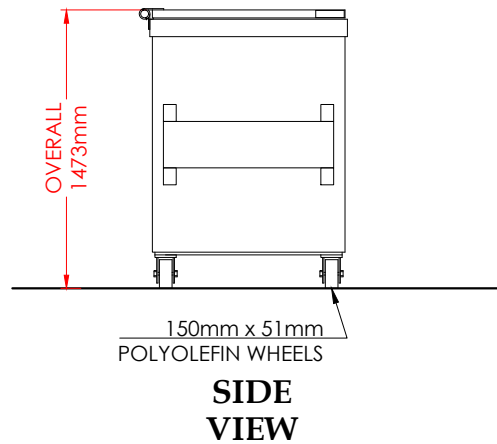
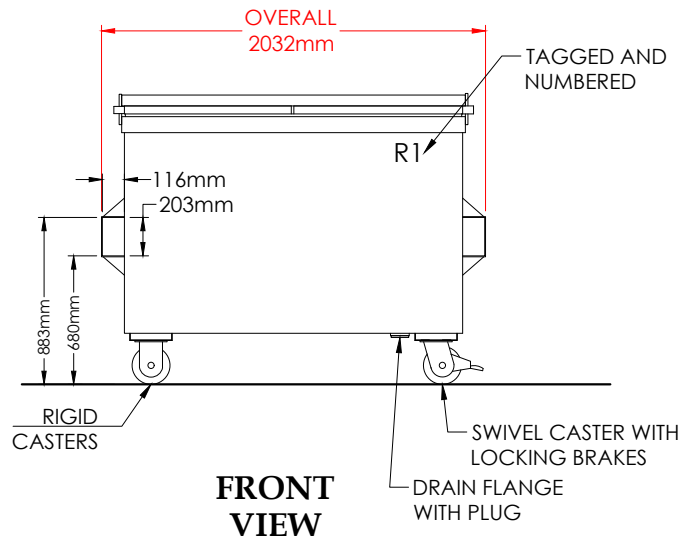
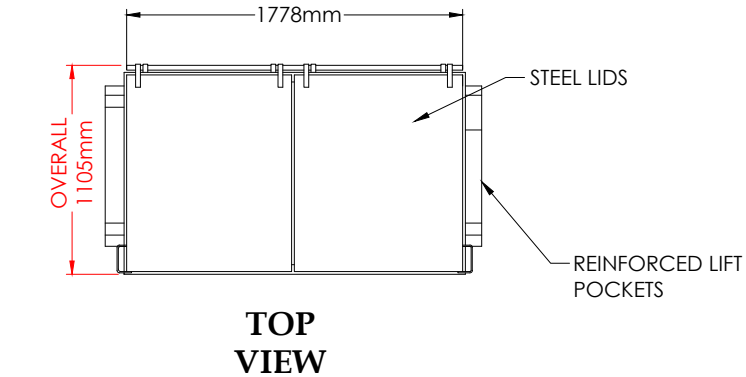
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TITLE: STANDARD GARBAGE BIN

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P.	SCALE: 1:40	JOB#: 19-381
		WCC006

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED BLUE
2. LABELED / NUMBER
 - 2.1. Ex. R1, R2, R3...
3. 150mm x 51mm POLYOLEFIN WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1473mm
8. OVERALL WIDTH 1117mm

QUANTITIES: TWO (2) TOTAL

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TITLE: RECYCLE BIN

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON

DATE: 2021-09-27

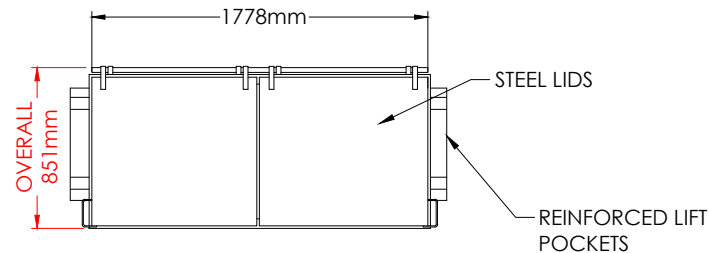
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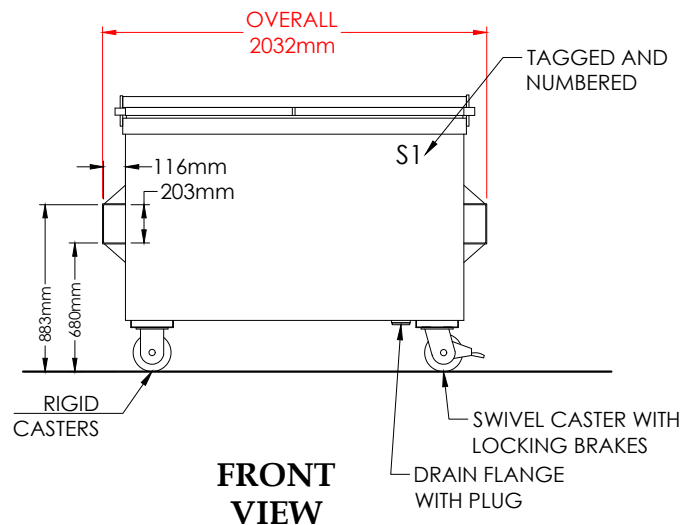
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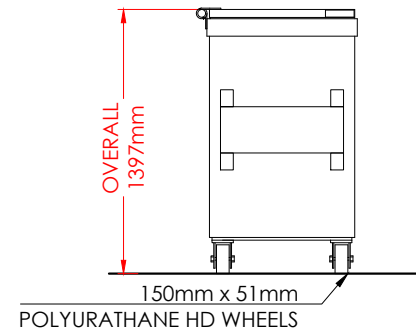
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**TOP
VIEW**



**FRONT
VIEW**



**SIDE
VIEW**

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CONSTRUCTION:

- | | |
|-------------------------|-------|
| 1. SIDES | 12GA. |
| 2. BOTTOMS | 10GA. |
| 3. STEEL LIDS | 14GA. |
| 4. TWIN FORK POCKETS | 11GA |
| 5. CASTER PADS | 10GA. |
| 6. REINFORCING CHANNELS | 10GA. |
| 7. CHARGING DOORS | 10GA. |
| 8. TOW HITCH | |

SPECIFICATION:

1. PAINTED GREEN
2. LABELED / NUMBER
 - 2.1. Ex. S1, S2, S3...
3. 150mm x 51mm POLYURATHANE WHEELS
 - 3.1. TWO (2) SWIVEL CASTERS WITH LOCKING BRAKES AND TWO (2) RIGID CASTERS PER BIN
 - 3.2. DIAMOND STYLE CONFIGURATION ALSO AVAILABLE
 - 3.3. H.D. TOWING WHEELS ALSO AVAILABLE
4. DRAIN FLANGE WITH PLUG
5. LIDS PIVOT AT 270 DEGREES
6. OVERALL LENGTH 2030mm
7. OVERALL HEIGHT 1397mm
8. OVERALL WIDTH 813mm

QUANTITIES: ONE (1) TOTAL

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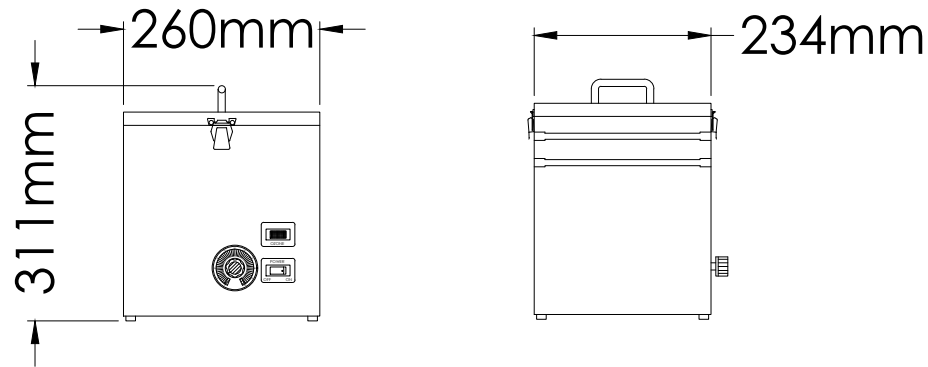
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TITLE: ORGANICS BIN

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:40	JOB#: 19-381
		WCC008



SPECIFICATION:

1. WIDTH: 26CM
2. DEPTH: 24.8CM
3. HEIGHT: 31.1CM
4. COVERAGE: 700M³
5. OUTPUT: 400 MGS/HR
6. AIR FLOW: 100 CFM
7. POWER USAGE: 30W
8. WEIGHT: 4.1KGS
9. VOLTAGE 110/220V

SITE REQUIREMENT:

ELECTRICAL PLUG CONNECTION
TO BE PROVIDED 2' RADIUS
INSTALLATION OF UNIT.

QUANTITIES: ONE (1) TOTAL

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2. ALL DIMENSIONS AND SPECIFICATIONS GIVEN ARE IN IMPERIAL & METRIC MEASURE
3. ALL WELDS SHALL BE IN ACCORDANCE WITH CSA STANDARDS W48.1-M 59-1989
4. REMOVE ALL WELD SPLATTER
5. GRIND SMOOTH ALL SHARP AREAS
6. ALL WIRING BETWEEN RECYCLING SYSTEM, COMPACTION UNIT AND CONTROL PANEL - u/u/c CERTIFIED IN CONDUIT and ANCHORED IN PLACE

TITLE: ODOUR CONTROL UNIT

JOB NAME: FORESTSIDE D

REPRESENTATIVE: ROYAL PINE HOMES

LOCATION: BRAMPTON, ON	DATE: 2021-09-27	SHEET#:
DRAWN BY: R.P	SCALE: 1:10	JOB#: 19-381
		WCC010



RODENT (VERMIN) CONTROL SYSTEM

PART # WCC-3



QUANTITY: ONE (1) TOTAL

Safe, effective "catch & release" Vermin Control System.
 Bait Optional (Peanut Butter etc.) – Multiple Capacity (10 +).
No chemicals or poisons required.
 Durable Galvanized Steel, Construction.
 Ideal in Compactor / Waste – Recycling – Organics Areas

WCC FLY CONTROL



WCC– Fly Control falls in the range of top of the line “electrocuting” flytraps that are ideal for sensitive areas where effectiveness and ease of maintenance is a top priority.

Constructed in either white metal or high quality stainless steel, the WCC– Fly Control has been manufactured with the specific needs of industrial and commercial users in mind.

SPECIFICATIONS

- Material: White metal
- Dimensions: 25.25"W x 14.5"H x 5.25"D
- Coverage: 20000ft²
- Tube: 2x20W
- Unit Weight: 18.5Lbs
- Box Weight: 21Lbs

IDEAL USE FOR:

- Industrial plants and factories
- Compactor rooms
- Hospitals
- Warehouses
- Loading docks
- Dumpster areas
- Office buildings
- All industrial and commercial premises that require a pest free zone without the need of excessive maintenance

FEATURES

- Industrial strength ultraviolet bulbs
- Easy-glide pullout tray
- Follows all requirements of FDA, USDA, & EPA codes
- 20000ft² coverage
- Large catch area
- Pull out front for easy cleaning
- Safety cut-off switch
- UL listed
- 3 year warranty

QUANTITY: ONE (1) TOTAL

****REQUIRES STANDARD ELECTRICAL OUTLET. MOUNTING DEPENDS ON END CLIENT. WE PREFER IT TO BE ON FLOOR NEXT TO OUTLET**

24HR EMERGENCY SERVICE AVAILABLE 416.746.5547

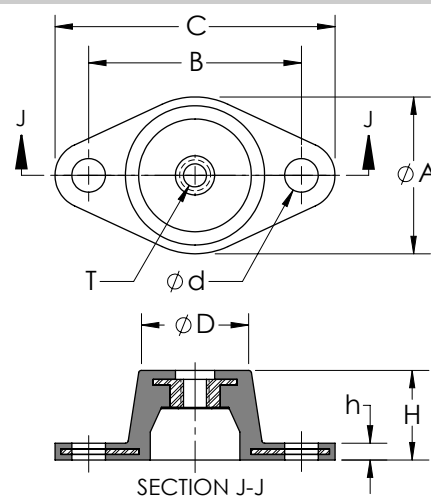
COMPRESSION MOUNTS

FMD compression mounts have great vertical-direction flexibility, and significantly reduce transfer of vibration to the supporting structure. These models are designed for installation on applications with continuous and intermittent loads. Elastomeric bodies of the isolators effectively prevent metal-to-metal contact.

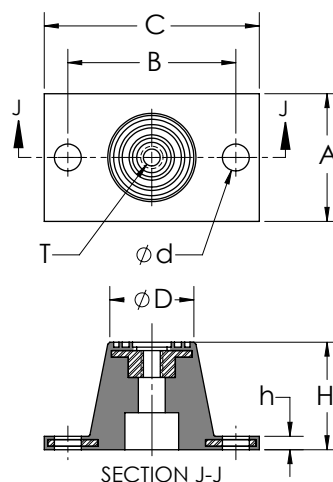
Recommended for:

Motors, fans, pumps, compressors, transformers, electrical, lab-testing equipment and cabinet enclosures, as well as HVAC and other industrial equipment.

FMD-1, 2, 3, 4, 5, 6, 7N, 8N, 9N



FMD-7, 8, 9

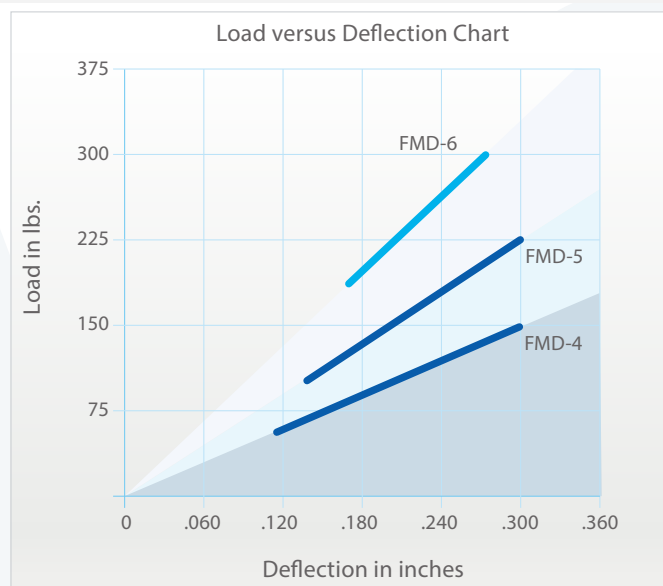
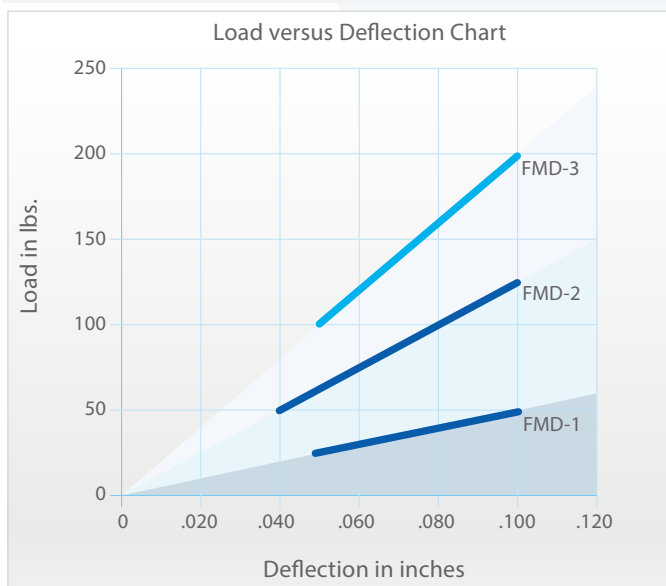


Features:

- ✓ Maximum dynamic loads should not exceed 70% of maximum load capacity
- ✓ FMD models 1 to 6 can be used for wall ceiling mounts installations.
- ✓ Double deflection mounts provide better isolation for low frequency equipment such as fans, etc.
- ✓ Durable and corrosion-resistant.

COMPRESSION MOUNTS

Model	Maximum Load (lbs)	Mount Dimensions (inch)								Color
		A	B	C	D	H	h	d	T	
FMD-1	50	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Red
FMD-2	125	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Green
FMD-3	200	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Black
FMD-4	150	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Red
FMD-5	225	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Green
FMD-6	300	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Black
FMD-7	450	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Green
FMD-8	600	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Red
FMD-9	1,000	3-3/8	4-1/8	5-1/2	2-3/8	2-7/8	5/16	9/16	1/2-13	Black
FMD-7N	450	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Green
FMD-8N	600	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Red
FMD-9N	1,000	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1/2-13	Black



COMPACTOR BELTLINER

PLYLON PLUS PROTECTOR 330/3/48 1/4 X 1/16"

PROTECTOR

International Standards

ARPM Grade II, AS Grade E

A Grade II compound for applications requiring good abrasion and gouge resistance and very good flex life.

Resistance Properties

Abrasion	Good
Flame	No
Cut & Gouge	Good
Oil	No
Static Conductive	ISO 284

Physical Properties

Tensile	2300	psi
Elongation	510	%
DIN Abrasion	145	cu.mm
Hardness	61	Shore A

Material Temperature

Low Temperature	-30 degree F
High Temperature	150 degree F

Conveyor Belt Data

Warp Yarn	Polyester
Weft Yarn	Polyester
Nominal Carcass Gauge	0.161 in
Nominal Overall Gauge	0.474 in
Nominal Carcass Weight	1.06 lb/sq.ft
Nominal Belt Weight	11.8 lb/ft
Average Permanent Elongation	0.8 %
Elastic Modulus	34,500 piw
Step Length	10 in
Recommended Fasteners	Plate 190
	Hinge R2
	Hinge U35A

Load Support

Max Belt Width (in)

0-40 lbs/cu.ft	20 deg	60
	35 deg	54
	45 deg	48
41-80 lbs/cu.ft	20 deg	60
	35 deg	48
	45 deg	42
81-120 lbs/cu.ft	20 deg	54
	35 deg	48
	45 deg	42
Over 120 lbs/cu.ft	20 deg	48
	35 deg	42
	45 deg	36

Note: Widths in red indicate that your selected width is outside the recommended guidelines for this application. Please consult ContiTech.

Continental



ContiTech | DISTRIBUTOR

Ultimate Tensile	3310 PIW
Rip	1310 lbs
Transverse Tear	380 lbs
Longitudinal Tear	250 lbs

Troughability

Min. Belt Width (in)

20 deg idlers	18
35 deg idlers	24
45 deg idlers	30

If top and pulley cover are balanced or less than 1/16" differential, add 6" to the minimum belt width.

Minimum Pulley Diameters (in)

Over 80% Tension	18
60% to 80% Tension	16
40% to 60% Tension	12
Up to 40% Tension	12

If the cover gauge exceeds 1/2" please consult ContiTech for the appropriate minimum pulley diameters.