

SHOP DRAWING TRANSMITTAL

To: Daniel Cusimano Architect Inc.
185 Bridgeland Ave.
Suite 107
Toronto, ON M6A 1Y7

Att: Stacey Melville

Project: **Shopper's Drug Mart #9685**
1950 Fischer-Hallman Road, Building 200
Kitchener, Ontario N2R 1R3

From: Kyle McCallum
Date: November 28, 2024
File No: 7298.pt

We have reviewed the attached contractor's equipment shop drawings for general conformity with the design documents and are forwarding them to you for your use in association with the above noted project.

The documents are sent by: Courier • Hand • Pick-up • Facsimile • **E-Mail**

<u>Qty</u>	<u>Shop Drawings</u>	<u>Notes</u>
1	Trench Drain	Reviewed: Alternate trench drain provided. No comment.

**ENSURE COPIES OF FINAL SHOP DWGS ARE
INSERTED INTO MAINTENANCE MANUALS.**

PROJECT
TITLE: **25101 - Shopper's Drug Mart Kitchener**

GC SUBMITTAL #: 25101-SD-15-MECH-016	DATE: November 25, 2024
PRODUCT SUBMITTED: Plumbing - TD1 Alternative	
MANUFACTURER: Zurn	

SUBCONTRACTOR / SUPPLIER

COMPANY:	Consult Mechanical Inc.	
ADDRESS:	54 Audia Court, Unit 2 Concord, ON L4K 3N5	
CONTACT:	Inzaman Khan	226-886-1409

ARCHITECT

COMPANY:	Cusimano Architect	
ADDRESS:	185 Bridgeland Avenue Suite 107 Toronto, ON M6A 1Y7	
CONTACT:	Stacey Melville	416-564-9791

MECHANICAL / ELECTRICAL CONSULTANT

COMPANY:	Integrated Engineering	
ADDRESS:	1930 Blue Heron Drive London, ON N6H 5L9	
CONTACT:		

STRUCTURAL CONSULTANT

COMPANY:		
ADDRESS:		
CONTACT:		

GENERAL CONTRACTOR

COMPANY:	Royalty General Construction	
ADDRESS:	2580 Matheson Blvd E, Suite 201, Mississauga, ON L4W 4J1	
CONTACT:	Mark Fazio	416-558-4585



- ☒ REVIEWED
☐ REVIEWED AS NOTED
☐ REVISE AND RE-SUBMIT
☐ NOT REVIEWED

DATE: November 25, 2024

PROJECT NO: 25101

REVIEWED BY: George Tabucan

THIS REVIEW BY ROYALTY GENERAL CONSTRUCTION IS FOR THE SOLE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW SHALL NOT MEAN THAT ROYALTY GENERAL CONTRACTORS APPROVE 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 THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE 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.

INTEGRATED ENGINEERING

REVIEW OF THIS DRAWING IS FOR
GENERAL CONFORMITY WITH THE DESIGN ONLY.
THE CONTRACTOR IS RESPONSIBLE FOR ALL
REQUIREMENTS OF THE INSTALLATION.

PROJ No.	7298	REVIEWED	☒
DATE	24.11.28	REVISED	☐
BY	KJM	RESUBMIT	☐

H	JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com						LOCATION 															
	DRAWING NUMBER S9660		SIZE A		SCALE: NONE		DATE: 08/09/07		APPROVED BY: Pace		CHECKED BY: PJ		DRAWN BY: JJ									
STAINLESS STEEL TRENCH DRAIN																						
6" WIDE MODULAR STAINLESS STEEL TRENCH DRAIN SYSTEM ENGINEERING SPECIFICATION: Jay R. Smith Mfg. Co.® stainless steel trench drain channels shall be 39.38" long, 6.38" wide, and have a 4" wide throat with bolting end plates. 23 modular channel sections shall be made of 16 gauge type 304 stainless steel. Channels shall be provided either neutral (flat) or with a .6% pre-slope. Channels shall be available with inverts ranging from 3.75" to 7.50". Regularly furnished with secured light duty 9870-450-SS slotted stainless steel grate and 4" no-hub vertical outlet on channel sections 2, 5, 10 and 15. End outlet plates are available in 2", 3", and 4" no-hub, see table for channel selection. Trench drain shall be Jay R. Smith Mfg. Co.® figure number 9660 series. **9660 -CB Connects to Ch. #15 only 49' - 2 1/2" (15 meters) Sloped 1' - 7 11/16" (671) 26.43 (671) 4" No Hub Side Outlet 39.38 (1000) 1 meter 3 3/16 (81) 2 1/2 (64) Typical Dimension from invert of channel to bottom of outlet connection 2" (51) Top of Flange 4 (100) No Hub Outlet Channels 2, 5, 10, 15 6.38 (162) 4.90 (125) 4.00 (102) INVERT DEPTH PER CHANNEL SECTION <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <tr> <td>Channel 1 thru 6</td> <td>"A"</td> <td>6.44 (164)</td> </tr> <tr> <td>Channel 7 thru 11</td> <td>"A"</td> <td>7.69 (195)</td> </tr> <tr> <td>Channel 12 thru 15</td> <td>"A"</td> <td>8.94 (227)</td> </tr> </table> SIDE VIEW OF CHANNEL END VIEW OF CHANNEL REGULARLY FURNISHED: Fabricated 16 Gauge type 304 stainless steel trench drain system with pre-sloped modular trench drain body sections (depth as specified #1 shallowest #15 deepest) with bolting end plates, 4" NO-HUB bottom outlet at low end, supplied with secured stainless steel 9870-450-SS slotted grate. VARIATIONS: ☐ Buttweld Outlet -BW ☐ Dome Bottom Strainer -DBS ☐ 2 (50), 3 (75), 4 (100) End Outlet (specify size) ☐ 4" Center Bottom Outlet (10N only) ☐ Shallow End Cap (Specify Channel) ☐ Deep End Cap (Specify Channel) ☐ Flashing Flange and Collar -FC ☐ Catch Basin -CB ☐ Stainless Steel Bucket -BSS OPTIONAL MATERIALS: ☐ Type 316 Stainless Steel -316SS Trench Body only NOTE: For Grating Options, See Back Sheet NOTE: Dimensions shown in parentheses are in millimeters.														Channel 1 thru 6	"A"	6.44 (164)	Channel 7 thru 11	"A"	7.69 (195)	Channel 12 thru 15	"A"	8.94 (227)
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FIGURE NUMBER 9660		REV.		DATE		DESCRIPTION		BY		CKD. BY		WEIGHT POUNDS		VOLUME CUBIC FEET		FIGURE NUMBER 9660						



K	JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com MEMBER OF: MEMBER OF:					LOCATION 																																																																																																																																																																																																																													
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Channel Number	Shallow Invert Depth	Deep Invert Depth	"A" Body Height Deep End	Bottom Outlet Size Avail.	End Outlet Size Avail.	Max Flow Rate*		GPM	CFS	9660-1	3.75 (95)	4.00 (102)	6.44 (164)	-		102	.23	9660-2	4.00 (102)	4.25 (108)	6.44 (164)	-	2"	115	.26	9660-2 Outlet -Y	4.00 (102)	4.25 (108)	6.44 (164)	4"		115	.26	9660-2 Neutral	4.25 (108)	4.25 (108)	6.44 (164)	-	2"	115	.26	9660-3	4.25 (108)	4.50 (114)	6.44 (164)	-		128	.29	9660-045 1/2 Neutral	4.50 (114)	4.75 (121)	6.44 (164)	-		141	.31	9660-4	4.50 (114)	4.75 (121)	6.44 (164)	-		141	.31	9660-5	4.75 (121)	5.00 (127)	6.44 (164)	-	2", 3"	154	.34	9660-5 Outlet -Y	4.75 (121)	5.00 (127)	6.44 (164)	4"		154	.34	9660-5 Neutral	5.00 (127)	5.00 (127)	6.44 (164)	-	2", 3"	154	.34	9660-6	5.00 (127)	5.25 (133)	6.44 (164)	-	2", 3"	167	.37	9660-7	5.25 (133)	5.50 (140)	7.69 (195)	-		183	.41	9660-8	5.50 (140)	5.75 (146)	7.69 (195)	-		196	.44	9660-9	5.75 (146)	6.00 (152)	7.69 (195)	-		209	.47	9660-095 1/2 Neutral	6.00 (152)	6.00 (152)	7.69 (195)	-		209	.47	9660-10	6.00 (152)	6.25 (159)	7.69 (195)	-	2", 3", 4"	222	.50	9660-10 Outlet -Y	6.00 (152)	6.25 (159)	7.69 (195)	4"		222	.50	9660-10 Neutral	6.25 (159)	6.25 (159)	7.69 (195)	-	2", 3", 4"	222	.50	9660-10 N-Outlet -Y	6.25 (159)	6.25 (159)	7.69 (195)	4"		222	.50	9660-11	6.25 (159)	6.50 (165)	7.69 (195)	-		235	.52	9660-12	6.50 (165)	6.75 (171)	8.94 (227)	-		248	.55	9660-13	6.75 (171)	7.00 (178)	8.94 (227)	-		261	.58	9660-14	7.00 (178)	7.25 (184)	8.94 (227)	-		274	.61	9660-15	7.25 (184)	7.50 (190)	8.94 (227)	-	2", 3", 4"	287	.64	9660-15 Outlet -Y	7.25 (184)	7.50 (190)	8.94 (227)	4"		287	.64	9660-15 Neutral	7.50 (190)	7.50 (190)	8.94 (227)	-	2", 3", 4"	287	.64
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GRATING OPTIONS Light Duty-DIN 19580/EN 1433 Load Class A-3500 lbs-70 psi. Pedestrian, Bicycle, and Wheelchair Traffic: ☐ 9870-447-SSADA ADA Stainless Steel ☐ 9870-450-SS Slotted Stainless Steel ☐ 9870-451-SSPA Perforated Stainless Steel Extra Heavy duty DIN 19580 Class E- 135,000 lbs-2,788 psi. For Commercial Solid Tire Traffic Patterns, Forklifts and Impacts from Steel Struts or Metal Wheels. ☐ 9870-490-SSHDE-3 1/4 x 3/8 Slotted Stainless Steel Grate (42.60 SQ. IN.) Heavy Duty-DIN 19580/EN 1433 Load Class C-56,000 lbs-1,162 psi. Commercial Pneumatic Tire Traffic Patterns, Pneumatic Tire Forklifts and Pneumatic Tire Tractor Trailers: ☐ 9870-430-SSM Stainless Steel Mesh ☒ 9870-455-SSHD Slotted Stainless Steel ☐ 9870-465-SSP Perforated Stainless Steel ☐ 9870-466-SBG Stainless Steel Bar Grate (Type 316SS) ☐ 9870-466-SBG-ASNG Anti-Slip Notched Stainless Steel Bar Grate NOTE: Dimensions shown in parentheses are in millimeters.																																																																																																																																																																																																																																			
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FIGURE NUMBER	9870-465-SSP	DRAWN BY: EMB	CHECKED BY: PJ	APPROVED BY: PJ	DATE: 12-17-96	SCALE: NONE	SIZE A	DRAWING NUMBER a9870-465-SSP	B
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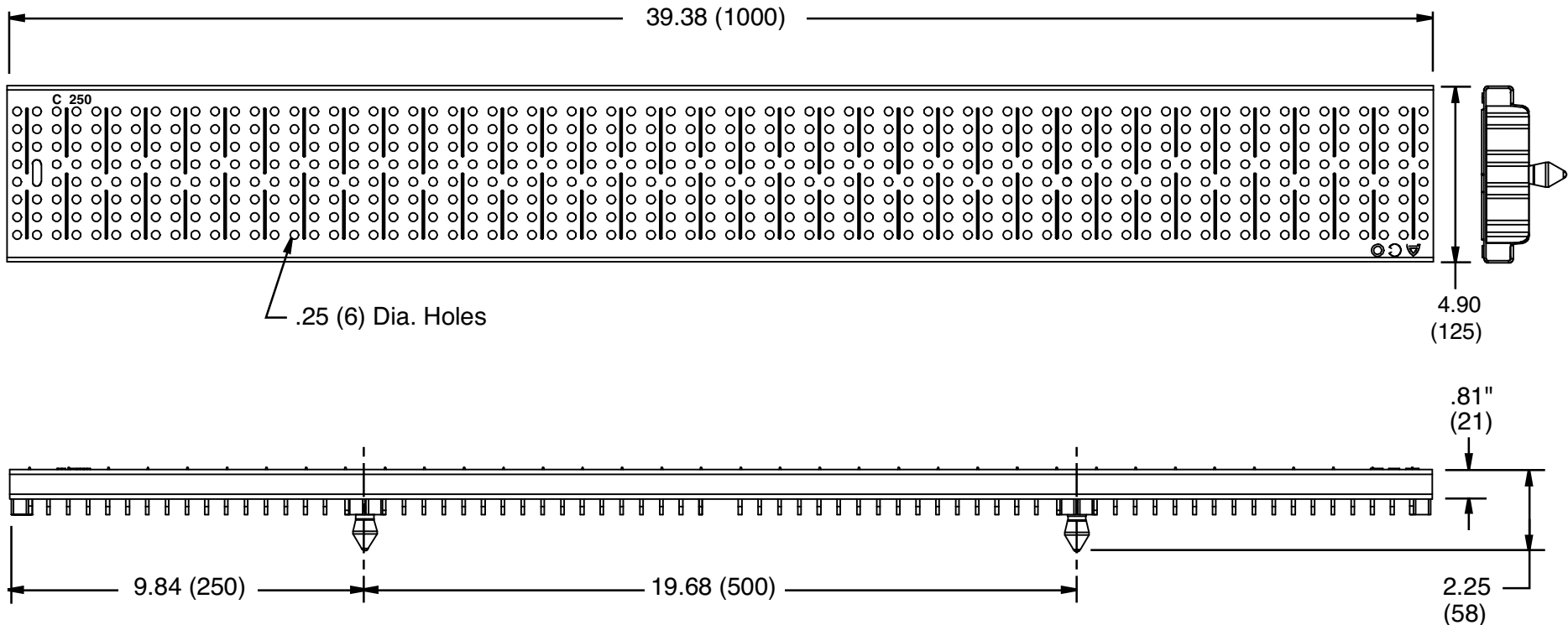
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

9870-465-SSP STAINLESS STEEL HEAVY DUTY PERFORATED GRATE



Heavy Duty, DIN 19580 Class C -56,000 lbs - 1,162 psi
For commercial pneumatic tire traffic patterns, forklifts and tractor trailers



REGULARLY FURNISHED:
 304 Stainless Steel 14 GA.
 Designed for Heavy Loads and
 Frequent Traffic w/Quicklock
 Securing Feature, ADA/Heel
 Proof Compliant.

VARIATIONS:
☐ 1 Meter Grate 39.38"
☐ 1/2 Meter Grate 19.68"

OPEN AREA
 27.60 SQ IN. (1 meter)
 13.80 SQ IN. (1/2 meter)

NOTE: Dimensions in
 parentheses are Metric.

SMITH® JAY R. SMITH MFG. CO.®
 MEMBER OF MORRIS GROUP INTERNATIONAL
 POST OFFICE BOX 3237
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B A	3-10-21 8-30-04	Added Heel/Wheelchair Revised Drawing	KK RN	PJ PJ
REV.	DATE	DESCRIPTION	BY	CKD. BY