

PERENNIAL GARDEN DETAIL

HORIZONTAL SCALE 1"=5"

BOTANICAL NAME SIZE REMARKS COMMON NAME ALCHEMILLA MOLLIS 1 GAL. CONT. LADY'S MANTLE CAMPANULA 'RAPIDO BLUE' 1 GAL. CONT. RAPIDO BLUE BELLFLOWER CAREX 'EVERILLO' 1 GAL. CONT. EVERILLO SEDGE DIGITALIS MERTONENSIS 1 GAL. CONT. STRAWBERRY FOXGLOVE HEMEROCALLIS 'STRAWBERRY CANDY' 1 GAL. CONT. STRAWBERRY CANDY DAYLILY HEUCHERA 'PALACE PURPLE' 1 GAL. CONT. PALACE PURPLE CORAL BELLS HOSTA 'PATRIOT' 1 GAL. CONT. PATRIOT PLANTAIN LILY HOSTA 'PRAYING HANDS' PRAYING HANDS PLANTAIN LILY LEUCOTHOE FONTANESIANA 'SCARLETTA' SCARLETTA LEUCOTHOE LIRIOPE MUSCARI 'BIG BLUE' 1 GAL. CONT. BIG BLUE LILYTURF POLEMONIUM 'TOUCH OF CLASS' 1 GAL. CONT. TOUCH OF CLASS JACOBS LADDER POLYSTICHUM ACROSTICHOIDES 1 GAL. CONT. CHRISTMAS FERN TIARELLA X 'CUTTING EDGE' 1.5 GAL. CONT. CUTTING EDGE FOAM FLOWER

- THE IRRIGATION SYSTEM SHALL BE DESIGNED BY AN APPROVED IRRIGATION DESIGN/BUILD CONTRACTOR OR BY AN APPROVED EQUAL, TO BE DETERMINED BY THE OWNERS REPRESENTATIVE/LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE IRRIGATION SYSTEM DESIGN AND SHOP DRAWINGS TO THE OWNER 30 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITIES AND NOTIFY THE OWNER'S REPRESENTATIVE OF CONFLICTS.
- THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR, BUT NOT LIMITED TO, THE COMPLETE INSTALLATION OF THE IRRIGATION SYSTEM AND SHALL FOLLOW ALL APPLICABLE CODES.
- REFER TO ARCHITECTURAL PLANS FOR LOCATION OF THE IRRIGATION SYSTEM'S BUILDING

REV. DATE

- REFER TO MANUFACTURER'S INSTRUCTIONS AND PRODUCT SPECIFICATIONS FOR INSTALLATION.

LANDSCAPE LEGEND

SYMBOL	QTY	BOTANICAL NAME COMMON NAME	SIZE	REMARK
SHADE TREES	STATE OF THE	THE PARTY OF THE PARTY OF	100	
⊕ AC	2	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	2 1/2" TO 3" CAL.	B&B
PE PE	1	PLATANUS X ACREIFOLIA 'BLOODGOOD' BLOODGOOD LONDON PLANETREE	2 1/2" TO 3" CAL.	B&B
OP	1	QUERCUS PALUSTRIS 'GREEN PILLAR' GREEN PILLAR PIN OAK	2 1/2" TO 3" CAL.	B&B
ORNAMENTAL	TREES		Marie Charles	
(+) cc	1	CRATAEGUS LAEVIGATA 'CRIMSON CLOUD' CRIMSON CLOUD HAWTHORN	2 1/2" TO 3" CAL.	В&В
SHRUBS	PARTY.		Tall the same	11+11-11
	11	CHAMAECYPRIS P. 'F. MOPS' MOP'S THREAD-LEAF FALSECYPRESS	3 GAL.	CONT.
⊗ CA	7	CLETHRA ALNIFOLIA 'RUBY SPICE' RUBY SPICE SUMMERSWEET	3 GAL.	CONT.
HU 🔁 JH	17.	JUNIPERUS H. 'PLUMOSA COMPACTA' YOUNGTOWN JUNIPER	3 GAL.	CONT.
PO	2	PHYSOCARPUS O. SUMMER WINE' SUMMER WINE NINEBARK	3 GAL.	CONT.
● TM	9	TAXUS MEDIA 'HICKSII' HICK'S YEW	2' TO 2 1/2'	B&B
П	8	THUJA O. 'TECHNY' MISSION ARBORVITAE	5' TO 6'	B&B
⊕ PA	40	PENNISETUM ALO. 'HAMELN' HAMELN DWARF FOUNTAIN GRASS	1 GAL.	CONT.
		PREMIUM KENTUCKY BLUE SOD	2,240 SF	

INTERIOR GREEN SPACE (18.3 SITE PLAN REGULATIONS):
-MORE THAN 50 AND LESS THAN 375 SPACE = 5% INTERIOR GREEN

TOTAL REQUIRED = (97 SPACES) 5% INTERIOR GREEN (PARKING AREA 43,391 SF) = 2,170 SF TOTAL PROVIDED = 4,724 SF OR 10.9%

PARKING AREA SHADE TREES (18.17 SITE PLAN REGULATIONS) -ONE (1) ORNAMENTAL OR SHADE TREE PER 1,000 SQUARE FEET OF PARKING LOT AREA TREES TO BE WITHIN 20' OF THE PARKING LOT, OR IN LANDSCAPED AREAS BETWEEN BUILDINGS AND

THE PARKING FIELD. TOTAL REQUIRED = 3,463 SF/1,000 SF = 3 TREES TOTAL PROVIDED = 3 TREES

LANDSCAPE NOTES (SEE DETAILS FOR ADDITIONAL NOTES)

GENERAL

- THE CONTRACTOR SHALL COMPLY WITH CITY OF CONCORD CONSTRUCTION STANDARDS. 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND
- UTILITIES AND NOTIFY OWNER'S REPRESENTATIVE OF CONFLICTS. 3. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON PLANS BEFORE PRICING THE WORK. ANY DIFFERENCE IN QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. LANDSCAPE QUANTITIES SHOWN ON THE PLAN SHALL
- SUPERCEDE QUANTITIES LISTED IN LANDSCAPE LEGEND. 4. THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT PRIOR TO STARTING WORK AND VERIFY THAT THE PLANS IN THE CONTRACTOR'S POSSESSION ARE THE MOST CURRENT PLANS AVAILABLE AND ARE THE
- APPROVED PLAN SET FOR USE IN CONSTRUCTION. 5. ALL PLANT MATERIALS INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

ALL PLANTS SHALL BE FIRST CLASS AND SHALL BE REPRESENTATIVE OF THEIR NORMAL SPECIES AND/OR

- VARIETIES. ALL PLANTS MUST HAVE GOOD, HEALTHY, WELL-FORMED UPPER GROWTH AND A LARGE, FIBEROUS, COMPACT ROOT SYSTEM. 7. ALL PLANTS SHALL BE FREE FROM DISEASE AND INSECT PESTS AND SHALL COMPLY WITH ALL APPLICABLE
- STATE AND FEDERAL LAWS PERTAINING TO PLANT DISEASES AND INFESTATIONS.
- 8. ALL TREES SHALL BE BALLED AND BURLAPPED (B & B) UNLESS OTHERWISE NOTED OR APPROVED BY LANDSCAPE ARCHITECT
- 9. ALL LANDSCAPED AREAS INCLUDING LAWNS SHALL BE PROVIDED WITH UNDERGROUND IRRIGATION, SEE IRRIGATION NOTES. 10. IF APPLICABLE, THE CONTRACTOR SHALL HAVE ALL FALL TRANSPLANTING HAZARD PLANTS DUG IN THE
- SPRING AND STORED FOR FALL PLANTING. 11. ALL INVASIVE PLANT SPECIES FROM THE "NEW HAMPSHIRE PROHIBITED INVASIVE PLANT SPECIES LIST", TO
- BE REMOVED SHALL BE DONE SO IN ACCORDANCE WITH THE "INVASIVE SPECIES ACT, HB 1258-FN." 12. NO TREES SHALL BE PLANTED WITHIN 10 FEET OF AN EXISTING OR PROPOSED UNDERGROUND UTILITY LINE
- 13. ALL OPEN SPACE AREAS NOT COVERED WITH NATURAL VEGETATION SHALL BE COVERED WITH GRASS OR OTHER VEGETATIVE GROUNDCOVERS, WITH THE EXCEPTION OF PLANTING BEDS WHICH MAY BE MULCHED.

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE WORK FOR A PERIOD OF ONE YEAR, BEGINNING AT THE START OF THE MAINTENANCE PERIOD.

RESTRICTIONS IN REQUIRED LANDSCAPE AREAS:

PARKING, AND THE STORAGE AND DISPLAY OF VEHICLES, GOODS, AND MATERIALS ARE PROHIBITED WITHIN PERIMETER LANDSCAPING AREAS, RESIDENTIAL DISTRICT BUFFERS, AND INTERIOR PARKING LOT LANDSCAPED AREAS, INTERNAL PARKING LOT ISLANDS SHALL EITHER BE GRASSED OR PLANTED WITH GROUND COVER. NON-ORGANIC MULCH, STONE, OR LANDSCAPED FABRIC IS NOT ALLOWED IN REQUIRED LANDSCAPE AREAS.

SITE DEVELOPMENT PLANS

TAX MAP 06P LOT 5

LANDSCAPE PLAN PHASE 2C SITE PLANS MERCHANTS WAY, CONCORD, NH

OWNED BY/ PREPARED FOR INTERCHANGE DEVELOPMENT L.L.C.

152 MORRILL ROAD, CANTERBURY, NH 03224

SCALE: 1'=20'

JULY 15, 2024



48 Constitution Drive Bedford, NH 03110 Phone (603) 472-4488 Fax (603) 472-9747 www.tfmoran.com

CK JSH CADFILE 95830-11_SITE PLANS

JMR JSH JMR JSH DR CK ARCHITECTURAL COORDINATION REVISED PER CITY COMMENTS DESCRIPTION

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Concord, New Hampshire

September 30, 2024

AnneMarie Skinner Planning Department 41 Green Street, 3rd floor Concord, NH 03301 via email: askinner@concordnh.gov

Re: Interchange Development LLC- Waiver Request Letter
Phase 2C - Mixed Use Development
10 Merchants Way

Dear AnneMarie,

On behalf of our client, Interchange Development LLC, TFMoran is submitting this waiver request letter in conjunction with the proposed mixed-use development located at the above-noted address.

1. We respectfully request <u>waiver of transportation impact fees</u> to the City as per Zoning Ordinance Article 28-2-4(j), Table of Principal Uses and in accordance with Article 29.2-1-2(e)(1) and 29.2-1-2(e)(4)(a) of the Zoning Ordinance, which states that an applicant for the development of permitted nonresidential uses shall qualify for a waiver of the transportation facilities impact fees.

Whereas the developer paid for construction of significant off-site improvements including 2 round-abouts and associated sidewalks to facilitate off-site traffic flows near the proposed development, an impact fee assessment is redundant.

- 2. <u>City of Concord, NH Construction Standards, 4 ft minimum cover over drainage system.</u> Due to the proposed water table elevation and subsequent required minimum elevation to provide water quality treatment, several pipes in the proposed network have less than four feet of cover. These pipes are proposed to be insulated where applicable and have adequate cover to support traffic loads. For these reasons the waiver would not be contrary to the spirit and intent of the regulations.
- 3. Concord Site Plan Regulation section 22.07 (2) requires 4 feet of separation to the Seasonal High-Water Table for an infiltration practice. The City approved a similar design for the most recent site plan (4-6 Merchants Way) on this property. We are specifying filtration for treatment because of the shallow water table at this location, and had provided at least 3 ft above the ESHWT (see attached feasibility report section of the approved storm report). Due to shallow groundwater in the vicinity of SMA Z, we are proposing the same design with a stormtech 310 system with 18" filter media. The engineered filter media provides greater water quality treatment than typical backfill, which will result in higher quality controls of the system. The proposed system is designed to conform to the NHDES Alteration of Terrain Program requirements. For these reasons the waiver would not be contrary to the spirit and intent of the regulations.

- 4. We respectfully request a waiver from Section 16.03 (11) Signs of the Site Plan Regulations to allow the applicant to provide site signage as a separate submittal at a later date.

 The proposed tenants have specific corporate signage requirements. A separate signage vendor will be retained to provide the services of the sign design. We would propose that a separate signage submittal package be provided by the applicant to the Planning Board for review and approval prior to the issuance of a building permit.
- 5. Shared overflow parking is provided on Tax Map Lot 06P 5/4 of Phase 1 (to the northeast of Phases 2A, 2B, and 2C) of the comprehensive development plan. An easement on Tax Map Lot 06P 5/4 (Unit 4) is provided for the use of up to 45 spaces for the benefit of Unit 1. The retail business on Unit 4 requires 54 spaces with 112 provided. Overall, with Phases 1, 2A, 2B, and 2C, there is a total off-street parking space requirement of 683 spaces with 852 being provided.
- 6. We respectfully request a <u>waiver from Section 18.17 which requires 1 tree per 1000 SF</u> or paved parking area, to be planted in an internal landscape island. This proposal provides at least 1 internal tree per 2,000 sf of parking area, as well as street trees.
- 7. We respectfully request a waiver from <u>Section 16.03(9)</u> requiring a landscape rendering at time of planting and with 5 years of plant growth.

Thank you very much for your consideration.

Sincerely,

TFMORAN INC.

James M. Robinson, P.E. Senior Project Engineer

Jus M. Blinson

NHDES-W-09-008



APPLICATION FOR SEWER CONNECTION PERMIT Water Division/Wastewater Engineering Bureau Design Review Section



RSA/Rule: RSA 485-A:37 / Env-Wq 703.07

TYPE OR PRINT CLEARLY

Use this application for Sewer Connection Permit to request NHDES review/approval for any proposed sewerage design. Under RSAs 485 and 485-A, design plans for new sewerage facilities – whether publicly or privately owned, and regardless of design flow – must be submitted to NHDES for review/approval action at least 30 days prior to construction. Pursuant to Env-Wq 703, design submittals must include 1 set of engineering plans/specifications, pertinent design calculations, the required fee, and a Municipal Certification (signed by an authorized municipal official, see page 2).

, ,	• • •	<u> </u>				
1. Engin	neer of Record - Contact Infor	mation				
Engineer	/ Contact: Jason S. Hill		Company: TFMoran, Inc.			
Mailing A	Address: 48 Constitution Drive					
Town/City: Bedford			State: NH		ZIP: 03110	
Phone Number: 603-472-4488			Email: jhill@tfmoran.com			
2. Desc	cription of Proposed Work (ch	eck all that apply	·)			
\boxtimes	An extension of a collector or	interceptor;				
	A sewage pumping station gro	eater than 50 gpm or	er than 50 gpm or serving more than one building;			
A proposed sewer that serves more than one building or that requires a manhole at the connection.					hole at the connection.	
Project Name or Description: Interchange Development LLC - Mixed Use Development						
Project Location - Street Address: 1 Whitney Road						
Project Location - Town / City: Concord, NH						
Name Of	Receiving WWTF: Penacook					
Average L	Design Flow (ADF, gal/day): 22,633	GPD				
Proposed Sewer Length (Linear ft)		Pipe Diameter (inches)		Pipe Material		
2,661		8		PVC		
3. Requ	uired Fee					
Sev	wer connection design submittals n	nust be accompanied	by a review fee pay	ment k	pased on the project's	
average design flow - \$0.10 per gal/day ("a dime a gallon") for design flows up to 10,000 gal/day, plus \$0.05 per						
gal/day for any flows in excess thereof.						
A fee of \$200 per plan sheet shall be paid for review of modifications to privately owned pump stations, force					ned pump stations, force	
mains, interceptors, and wastewater treatment facilities which a			hich are not associa	ted wit	th an increase in wastewater	
flov	W.					
☐ Fee	es are not required of municipalitie	s for municipal proje	cts.			
Fee Enclos	sed: \$639.25 (+ 12,633 gpd x	Please make checks p	ayable to "Treasurer S	tate of	NH".	
\$0.05 =>	\$7.60 + \$631.65)					
4 Mun	nicinal Certification					

Italics indicate items are optional.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095 (603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

RSA/Rule: RSA 485-A:37 / Env-Wq 703.07

On behalf of Interchange Development LLC, the Town or City of Concord hereby provides				
the following municipal certification.				
The municipal sewage collection system and wastewater treatment facilities have been demonstrated, pursuant to				
Env-Wq 703.07(d), to have adequate processing capability for the	ne proposed added hydraulic flow and organic flow at			
the time of connection. The proposed sewer connection and/or	sewerage design meet with the approval of the local			
jurisdictional authority.				
Name Of Municipal Official (Project Location):	Title:			
Signature:	Date:			
Email Address:				
When the Receiving WWTF is in a different Municipality from th	at of the Project Location, the following additional			
certification is required.				
Name Of WWTF Official (Host Community):	Title:			
Signature:	Date:			
Email Address:				

Submit completed application package to:

NHDES Wastewater Engineering Bureau
Design Review Section
29 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095

NOTE: A Separate INDUSTRIAL WASTEWATER INDIRECT DISCHARGE REQUEST (IDR) May be Required For Industrial Waste Contributions, Depending On Quantity And Quality. For Further Information, Contact The Industrial Pretreatment Supervisor Of The Wastewater Engineering Bureau At (603)-271-2052.

Italics indicate items are optional.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

Project: Interchange Development LLC – Phase 2C Project #: 95830.11

Location: Whitney Rd., Concord NH

Calculated By: G. Sepulveda Date: 8/26/2024

Checked By: Date:

Title: Sewer Design Flow Rates & Pipe Capacity

Retail 2 employees / 1000 SF Assumed # emp. per floor area

2 GPD/ parking space NHDES Env-Wq 704.03(b)
1 parking space/ 250 SF City Required Parking

Supermarket Billed sewer flows from FALL RIVER, MA Store

FF Restaurant Conventional 20 GPD/ seat + 20 GPD/ employee Env-Wq 1000 Table 1008-1

Branch Bank 15 GPD/ employee Env-Wq 1000 Table 1008-1

Sit Down Restaurant w/ bar 40 GPD/ seat + 20 GPD/ employee Env-Wq 1000 Table 1008-1 Dental Office/ Eye Care Center 15 GPD/ 100 SF Env-Wq 1000 Table 1008-1

Medical Office 15 GPD / 100 SF Env-Wq 1000 Table 1008-1 Industrial Warehouse 20 GPD / employee NHDES Env-Wq 704.03(b)

1 parking space/ 1500 SF City Required Parking

SEWER FLOW CALCULATIONS:

Sit Down Restaurant (Connected to Retail):

200 seats x 40 gpd/ seat = 8000 gpd

40 emp x 30 gpd / emp = 1200 gpd

= 9200 gpd

Retail (Connected to Sit Down Restaurant):

2 employees / 1000 sf Assumed # emp. per floor area

2 gpd/ parking space NHDES Env-Wq 704.03(b)

1 parking space/ 250 sf City Required Parking

2,035 sf x 2 emp/ 1000 sf x 15 gpd / emp= 62 gpd

2,035 sf / 250 sf x 2 gpd = 17 gpd

79 gpd

Net flow 9,279 gpd

Peak flow (x6) 38.7 gpm

PHASE 1 SEWER FLOW CALCULATIONS:

Retail (Liquor Store)/ Phase 1:

(=-q=-=================================			
	2 emp/ 1000 sf x (13,554 sf)	=	27 emp
	27 emp x 15 gpd / emp	=	405 gpd
	2 gpd/ prk sp x 56 prk sp	=	112 gpd
			517 gpd
Supermarket / Phase 1	(See attached Memo)		
			4233 gpd
Retail (attached) / Phase 1			
	2 emp/ 1000 sf x (22,483 sf)	=	45 emp
	45 emp x 15 gpd/ emp	=	675 gpd
	2 gpd/ prk sp x 100 prk sp	=	200 gpd
			875 gpd
Infiltration			
		Assum	e 500 gpd
Net flow			6,125 gpd
Peak flow (x6)			25.5 gpm

PREVIOUS SEWER FLOW CALCULATIONS:

Wendy's:

62 seats x 20 gpd/ seat = 1240 gpd

 $20 \text{ emp x } 20 \text{ gpd / emp} \qquad = \qquad 400 \text{ gpd}$

= 1640 gpd

Infiltration:

300 gallons per inch diameter per mile per day

300 gal x 6 x (85 ft / 5280 ft) x 1 day

= 29 gpd

Net flow 1669 gpd

Peak flow (x6) 7.0 gpm

PREVIOUS SEWER FLOW CALCULATIONS:

Jersey Mike's:

40 seats x 20 gpd/ seat = 800 gpd

12 emp x 20 gpd / emp = 240 gpd

= 1040 gpd

Service Credit Union

Branch Bank 15 GPD/ employee Table 1008-1

15 employees x 15 gpd/ empl = 225 gpd

Unspecified Retail

2 employees / 1000 SF Assumed # emp. per floor area

2 GPD/ parking space NHDES Env-Wq 704.03(b)

1 parking space/ 250 SF City Required Parking

2750 sf x 2 empl/ 1000 SF X 15 gpd / empl= 82.5 gpd

2750 sf / 250 sf x 2 gpd = 22 gpd

NET 105 GPD

Infiltration: 300 gallons per inch diameter per mile per day

 $300 \text{ gal } \times 6 \times (150 \text{ ft} / 5280 \text{ ft}) \times 1 \text{ day}$ = 51 gpd

Net flow 1421 gpd

Peak flow (x6) 5.9 gpm

PHASE 2B SEWER FLOW CALCULATIONS:

Urgent Care (#1 Interchange Drive):

15 gpd / 100 sf Table 1008-1

15 gpd / 100 sf x 4,940 sf = 741 gpd

741 gpd

Medical Office (#5 Interchange Drive):

15 gpd / 100 sf Table 1008-1

15 gpd / 100 sf x 3,612 sf = 542 gpd

542 gpd

Retail (#7 Interchange Drive):

2 employees / 1000 sf Assumed # emp. per floor area

2 gpd/ parking space NHDES Env-Wq 704.03(b)

1 parking space/ 250 sf City Required Parking

2,562 sf x 2 emp/ 1000 sf x 15 gpd / emp= 77 gpd

2,562 sf / 250 sf x 2 gpd = 20 gpd

97 gpd

Retail (#9 Interchange Drive):

2 employees / 1000 sf Assumed # emp. per floor area

2 gpd/ parking space NHDES Env-Wq 704.03(b)

1 parking space/ 250 sf City Required Parking

23,520 sf x 2 emp/ 1000 sf x 15 gpd / emp= 706 gpd

23,520 sf / 250 sf x 2 gpd = 188 gpd

894 gpd

Infiltration: 300 gallons per inch diameter per mile per day

300 gal x 6 x (284 ft / 5280 ft) x 1 day = 97 gpd

Net flow 2,371 gpd

Peak flow (x6) 9.9 gpm

FUTURE SEWER FLOW CALCULATIONS:

Industrial Warehouse/ Phase 3

60 emp x 20 gpd/ emp = **1200 gpd**

Retail (Pharmacy) 2 emp/ 1000 sf x (14,842 sf) = 30 emp

30 emp x 15 gpd / emp = 450 gpd

2 gpd/ prk sp x 59 prk sp = 118 gpd

568 gpd

TOTAL: 22,633 gpd

PEAK FLOW (x6): 94.30 gpm



ALTERATION OF TERRAIN AMENDMENT REQUEST FORM

Water Division / Land Resources Management



Check the status of your application

RSA/ Rule: RSA 485-A:17, Env-Wq 1500

						File Nu	ımber:		
Administrative		Administrative		Administrative		Check	Check No.		
Use Only		Use Only		Use Only		Amour	Amount:		
						Initials	Initials:		
1.TYPE OF AMENDMENT REC	QUESTED) [Env-Wg 1503.27(a)]							
Permit Transfer [use Sect		Time Extension [u	se Sec	tion 8]	Projec	t or Plan C	Change [use Section 9]		
2. PROJECT INFORMATION [E	nv-Wq	1503.27(b)]							
Project Name:									
Street/Road Address:									
Town/City:			Cou	nty:					
x Map: Block:			Lot Number:			Unit:			
3. CURRENT PERMIT INFORMATION [Env-Wq 1503.27(c)-(d)]									
Please note that expired permits cannot be extended.									
Permit No.: Current Expiration Date:									
Name of NHDES Signatory:									
Current Permit Holder Name:				Contact Name:					
Email:			Day	Daytime Telephone:					
Mailing Address:									
Town/City:				State	:	ZIP Code:			
4. CURRENT PERMIT HOLDER'S AGENT [Env-Wq 1503.27(d)]			If	If none, check here:					
Agent's Name:			Con	Contact Name:					
Email:			Day	Daytime Telephone:					
Mailing Address:									
Town/City:					State	:	ZIP Code:		
5. CURRENT PROPERTY OWN Check here if more than one		· ·				· · ·	1503.27(e)]		
Name:			Con	tact Name	9:				
Email:		Daytime Telephone:							

Mailing Address:				
Town/City:			State:	ZIP Code:
6. CURRENT PROPERTY OWNER'S AGENT INFOR	RMATION [Env	v-Wq 1503.27(e)]	f none, check here	: 🗌
Business Name:		Contact Name:		
Email:		Daytime Telephone	e:	
Address:				
Town/City:			State:	ZIP Code:
7. COMPLETE THIS SECTION IF THERE IS A CHAN [Env-Wq 1503.23, Env-Wq 1503.27(f)]	IGE IN PERMI	T HOLDER OR PROP	ERTY OWNER	
A. Transferee Information				
Name:		Contact Name:		
Email:		Daytime Telephone	e:	
Mailing Address:				
Town/City:			State:	ZIP Code:
B. Transferee Signature and Certification				
 By signing below, I certify that: I have received a copy of the permit and all at a large eto comply with RSA 485-A:17, Env-W the requirement for on-going inspection and The information contained in or otherwise subest of my knowledge and belief; I understand that the submission of false, indepartment to deny the request, revoke any refer the matter to the board of professional and I understand that I am subject to the penal currently RSA 641:3. 	q 1500, the poly I maintenance ubmitted with complete, or representations of permit amental engineers es	ermit, and all condite of the stormwater this request is true misleading informated ament that is grant tablished by RSA 31	cions contained in to management syster, complete, and no ion constitutes ground ed based on the in .0-A:3 if I am a pro	em(s); of misleading to the ounds for the formation, and/or fessional engineer;
Transferee:	Print Name l	egibly:		Date:
C. Transferor Signature and Certification				
 By signing below, I certify that: I have provided a copy of the permit and all at a line and relinquishing all rights to the permit as a line and in a relinquishing all rights to the permit as a line and in a relinquishing all rights to the permit as a line and in a relinquishing all rights to the permit as a line and in a relinquishing all rights to the permit as a line and in a line an	originally issurubmitted with complete, or repermit amen I engineers es	ed; In this request is true misleading informat Idment that is grant tablished by RSA 31	e, complete, and no ion constitutes gro ed based on the in	ot misleading to the ounds for the formation, and/or fessional engineer.
Transferor:	Print Name I	₋egibly:		Date:

8. COMPLETE THIS SECTION TO REQUEST A TIME EXTENSION [Env-Wq 1503.25, Env-Wq 1503.27(g)]
A. Timing of Request
Is this request being submitted not more than 90 days prior to the permit expiration date? Yes No Any request submitted more than 90 days prior to the permit expiration date will be denied.
B. Activity to Date
Has any terrain alteration occurred to date? Yes No If Yes: Attach the inspection report required by Env-Wq 1503.27(g)
C. Other Changes
Are changes to the project or project plans being made? Yes No If Yes: Do the changes meet the criteria of Env-Wq 1503.21(d) for deviations allowed without a permit amendment? Yes No
If Yes: Submit the plans and narrative required by Env-Wq 1503.21(d)(9)
If No: Submit a request for a permit amendment under Env-Wq 1503.22 in addition to a request for a permit extension.
D. Basis for Request
D. PERMIT HOLDER SIGNATURE
 By signing below, I certify that: The information contained in or otherwise submitted with this request is true, complete, and not misleading to the best of my knowledge and belief; I understand that the submission of false, incomplete, or misleading information constitutes grounds for the department to deny the request, revoke any permit amendment that is granted based on the information, and/or refer the matter to the board of professional engineers established by RSA 310-A:3 if I am a professional engineer; and I understand that I am subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641:3.
☐ PERMIT HOLDER ☐ PERMIT HOLDER'S AGENT:
Signature: Date:
Name (print or type): Title:

9. COMPLETE THIS SECTION IF THERE IS A CHANGE TO THE PLAN OR PROJECT [See Env-Wq 1503.22 and Env-Wq 1503.27(h)
A. Type and Extent of Proposed Changes
Do the proposed changes meet the criteria of Env-Wq 1503.22(c)? Yes No If No: The changes do not qualify for an amendment and a new application must be filed. Area of disturbance associated with proposed changes, in square feet: Are revised calculations needed? Yes No If Yes: Attach the revised calculations. Is the area proposed to be disturbed outside the area allowed to be disturbed under the original permit? Yes No If Yes: Attach a Natural Heritage Bureau report for the area proposed to be disturbed.
B. Revisions to Plan Sheets
Identify which plan sheets reflect the proposed changes: Briefly summarize the plan changes (do not attach a separate page): Attach the identified revised plan sheets with changes highlighted.
C. Fee Calculation
Per RSA 485-A:17, II, Area of disturbance (square feet) \times \$0.10/square foot = \$ + \$500 Base Fee = \$ Fee must be submitted with request.
D. Submission Requirements
Date a copy of the application was sent to the municipality as required by Env-Wq 1503.05(e) ((Env-Wq 1503.22(d)(3) requires proof that a copy of the complete amendment request has been sent or delivered to the governing body of each municipality in which the project is located and, if the project is within ¼ mile of a designated river, to the Local River Advisory Committee):
(Attach proof of delivery)
Date a copy of the application was sent to the local river advisory committee if required by Env-Wq 1503.05(f) (Env-Wq 1503.22(d)(3) requires proof that a copy of the complete amendment request has been sent or delivered to the governing body of each municipality in which the project is located and, if the project is within ¼ mile of a designated river, to the Local River Advisory Committee):
(Attach proof of delivery)
 By signing below, I certify that: The information contained in or otherwise submitted with this request is true, complete, and not misleading to the best of my knowledge and belief; I understand that the submission of false, incomplete, or misleading information constitutes grounds for the department to deny the request, revoke any permit amendment that is granted based on the information, and/or refer the matter to the board of professional engineers established by RSA 310-A:3 if I am a professional engineer; and I understand that I am subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641:3.
PERMIT HOLDER PERMIT HOLDER'S AGENT:
Signature: Date:
Name (print or type): Title:

Irm@des.nh.gov or (603) 271-2147 PO Box 95, Concord, NH 03303-0095 des.nh.gov

Return to:	
Orr & Reno, P.A. 45 S. Main Street Concord, NH 03301 (sdg)	

\$40.00

DECLARATION OF EASEMENTS

THIS DECLARATION OF EASEMENTS is made this 18 day of 5, 2024, by **Interchange Development, LLC**, a New Hampshire limited liability company, having a principal place of business at 152 Morrill Road, Canterbury, New Hampshire 03224 (the "Declarant").

WITNESSETH:

- 1. The Declarant is the owner of Condominium Land Unit #1 ("Land Unit #1") and Condominium Land Unit #4 ("Land Unit #4"), as defined, described and identified in the Merchants Way Condominium Declaration dated September 10, 2021, and recorded in the Merrimack County Registry of Deeds at Book 3757, Page 2894, as amended by First Amendment to Merchants Way Condominium Declaration dated August 30, 2022, and recorded in the Merrimack County Registry of Deeds at Book 3805, Page 889, and as shown on a certain plan entitled "Condominium Plat Merchants Way Condominium Land of Interchange Development LLC Location Whitney Road Concord NH-Merrimack County Tax Map 06P Lot 5, prepared by FWS Land Surveying P.L.L.C. dated July 26, 2021, and recorded in the Merrimack County Registry of Deeds as Plan Number 202100023379 (the "Plan").
- 2. The Declarant desires to create and establish certain rights and easements across Land Unit 4 in favor of Land Unit 1.

NOW THEREFORE, in consideration of easements and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Declarant hereby declares and creates the following rights and easements for the benefit of Land Unit 1:

1. <u>DECLARATION OF EASEMENTS.</u>

Subject to the terms and conditions of this Declaration, the Declarant hereby declares that Land Unit 1, its Owner and Permitted Users, both as hereinafter defined, shall have a non-exclusive right and easement for the parking of passenger vehicles within the parking areas located on Land Unit 4 from time to time (the <u>"Parking Areas"</u>), together with a non-exclusive right and easement to access by foot or by passenger vehicles and trucks over, across and upon

the designated parking areas and walkways for ingress and egress to such Parking Areas. Use of the Parking Areas shall be shared between the Owners and their Permitted Users on a first-come, first-served basis. Notwithstanding the foregoing, the Owner of Land Unit 4 shall have the right to designate a reasonable number of parking spaces located on Land Unit 4 for the exclusive use of Land Unit 4 and its Permitted Users, provided that no less than 45 parking spaces are available for use by the Owner of Land Unit 1.

2. MAINTENANCE/REPAIRS.

The Owner of Land Unit 4 shall be responsible for the proper maintenance, repair and replacement of the Parking Areas, including winter snow removal. Provided, however, the owner of Land Unit 1 shall be responsible for and pay for any damage, together with associated expenses, costs and fees, which may result from the owner of Land Unit 1 and/or its Permitted Users' use of the Parking Areas.

3. INDEMNIFICATION/INSURANCE.

- A. <u>Indemnification</u>. The Owner of Land Unit 1 shall hold harmless, defend and indemnify the Owner of Land Unit 4 from and against all suits, demands, claims, losses, damages, causes of action and expenses, including reasonable attorney's fees, arising out of the use of the Parking Areas by the Owner of Land Unit 1 and it Permitted Users. This indemnity shall not be effective in the event of suits, demands, claims, losses, damages, causes of action and expenses caused by the negligent, reckless, willful or wanton conduct of the Owner of Land Unit 4, its Permitted Users, contractors or subcontractors.
- B. <u>Insurance</u>. Each Owner shall procure and maintain in full force and effect policy or policies of commercial general liability insurance against any liability or claims for personal liability, wrongful death, property damage or liability for which such Owner is responsible under this Declaration or under the Laws, with financially responsible insurers authorized to transact business in the State of New Hampshire. Such policy or policies shall: (i) have a combined single limit of not less than \$1,000,000.00 per occurrence (such amount to be increased over time so as to maintain comparable coverage amounts as dollar values erode with inflation or if reasonably required under then-prevailing industry standards for retail shopping centers); (ii) name the other Owner(s) (and their mortgagees and/or lessors, if required) as additional named insureds; and (iii) provide that the insurer will give thirty (30) days written notice to each other Owner(s) (and any additional named insureds) prior to cancellation, termination or material modification of the policy. Each Owner shall provide the other Owner(s) with certificates of such insurance upon written request.

4. MISCELLANEOUS.

A. <u>Reserved Rights.</u> Insofar as the proper use and function of the areas of the easements granted hereunder are not impaired, the Owner of Land Unit 4 shall retain the right to the normal use and enjoyment of the Parking Areas to be shared with the Owner of Land Unit 1 and its Permitted Users.

- Owner. As used herein, the term "Owner" shall mean the record owner from time to time (whether one or more persons) of title to Land Unit 1 and/or Land Unit 4, or portion thereof, but excluding those holding security interests for the performance of an obligation.
- Permitted Users. As used herein, the term "Permitted Users" shall mean the C. tenants, agents, vendors, licensees, customers, employees and invitees of an Owner.
- Compliance With Law. The Owners shall use, possess, maintain and repair the D. Parking Areas in compliance with all applicable federal, state and local laws, codes, ordinances, statutes, rules and regulations.

IN WITNESS WHEREOF, this Declaration has been executed as of the date first written above.

INTERCHANGE DEVELOPMENT, LLC

By:

David S. Rauseo, a Member

Duly Authorized

By:

Laurie M. Rauseo, a Member

Duly Authorized

STATE OF NEW HAMPSHIRE COUNTY OF Merimack

The foregoing instrument was acknowledged before me this _/\delta day of September, 2024, by Daivd S. Rauseo, a duly authorized Member of Interchange Development, LLC, a New Hampshire limited liability company.

> COMMISSION EXPIRES ULY 12, 2027

Notary Public/Justice of the Peace
My commission expires: 7/12/27

STATE OF NEW HAMPSHIRE COUNTY OF Merrimach

The foregoing instrument was acknowledged before me this day of September, 2024, by Laurie M. Rauseo, a duly authorized Member of Interchange Development, LLC, a New Hampshire limited liability company, on behalf of the limited liability company.

Sotary Public/Justice of the Peace

Ny commission expires: 7/12/27

From: Kohalmi, Peter

To: Skinner, AnneMarie; David Rauseo
Cc: James Robinson; Jason Hill; "Laurie Rauseo"

Subject: RE: Interchange Development - Question

Date: Tuesday, September 24, 2024 9:46:21 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png image005.png image006.png

The City Engineer and I have talked about this and in this case we are going to allow one sewer pipe for the building assuming there is only one building owner.

Pete

From: Skinner, AnneMarie <ASkinner@ConcordNH.gov>

Sent: Tuesday, September 17, 2024 9:30 AM

To: David Rauseo <drauseo@comcast.net>; Kohalmi, Peter <PKohalmi@ConcordNH.gov>

Cc: 'James Robinson' <jrobinson@tfmoran.com>; Jason Hill <jhill@tfmoran.com>; 'Laurie Rauseo'

<lrauseo@comcast.net>

Subject: RE: Interchange Development - Question

Hi David,

Pete and I are investigating this issue. Last week was the push to get staff reports done for Planning Board and this week is Planning Board, so I apologize for the delay but hope to have an answer for you by the end of this week.

AnneMarie Skinner, AICP

City Planner



City of Concord 41 Green Street, Concord NH 03301 (603) 230-3636

askinner@concordnh.gov

www.concordnh.gov







From: David Rauseo < drauseo@comcast.net > Sent: Friday, September 13, 2024 12:37 PM

Subject: RE: Interchange Development - Question

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Peter and AnneMarie,

We're doing our best to understand the City's regulations regarding sewer service to a multitenanted commercial building.

We see the 2020 Version of the City of Concord Construction Standards and Details on-line that you referenced recently. Here's an excerpt from Section 4.03 B:

- 13. Sewer service lateral sizing shall be as follows: a. Single residential unit = 4-inch minimum. b. Commercial, Industrial or multifamily = 6-inch minimum.
- 14. Sewer service laterals shall be constructed with the following minimum slopes, yet not to exceed a 10% slope: a. 4 inch service = 1/4 inch per foot = 2% b. 6 inch service = 1/8 inch per foot = 1%
- 15. Each individual unit will have its own service connection and shall be accompanied by its own individual cleanout.

Perhaps "each individual unit" applies to a single residential unit, and not each single commercial tenant? As a local example, we have multiple tenants at 2 Whitney Road served by a single sewer service and the previously mentioned single sewer for multiple tenants at 4-8 Merchants Way. Also, I believe the recently approved three-tenant Building #2 at 80 Storrs Street has a single sewer line for Xfinity, T-Mobil, and Playa Bowls. I think we have a similar situation.

We also find this in the Zoning Ordinance:

9-6-6 - Building Sewers and Connections Specified.
All connections to the facilities must conform to the following:

(d)Separate Building Sewers Required. A separate and independent building sewer shall be provided for every building. However, with the approval of the City Engineer, two (2) or more building sewers on a single property may be connected to a nonpublic sewer which in turn is connected to a public sewer.

As I mentioned in a previous email, we would like to run the sewer through the entire building, maximizing the flexibility of future location of bathrooms. The long interior sewer run was a planned attribute of 4-8 Merchants Way, and allowed us flexibility to market the 6 Merchants Way to multiple tenants or a single one (see attached plan for reference). Also, our experience, and that of our commercial brokers, is that commercial tenants often resize and relocate, and minimization of exterior digging and distruption of adjacent tenant spaces is important.

Our read of the Zoning Ordinance is that the separate sewer service is not required for each tenant in a building, much like we constructed sewer serving three or four tenants at 4-8 Merchants Way. If necessary, we can ask for a waiver from the construction standards to allow for a similar sewer line construction to better allow for future resizing and relocation of tenants with minimization of exterior digging and distruption of adjacent tenant spaces in mind.

Please let me know your thoughts.

Thanks,

David

David Rauseo Interchange Development www.Merchants-Way.com 603-491-1103 (cell)

From: Kohalmi, Peter [mailto:PKohalmi@ConcordNH.gov]

Sent: Thursday, September 12, 2024 9:22 AM

To: David Rauseo; 'Jason Hill' **Cc:** 'James Robinson'; Laurie Rauseo

Subject: RE: Interchange Development - Question

David, our office probably should have requested separate sewer services back when we reviewed that. We are going to ask you to follow policy and provide a separate service for each unit. We don't want the maintenance or responsibility of the service to be shared.

Pete

From: David Rauseo < drauseo@comcast.net > Sent: Wednesday, September 11, 2024 1:54 PM

To: 'Jason Hill' < jhill@tfmoran.com; Kohalmi, Peter < PKohalmi@ConcordNH.gov>

Cc: 'James Robinson' <<u>jrobinson@tfmoran.com</u>>; Laurie Rauseo <<u>lrauseo@comcast.net</u>>

Subject: RE: Interchange Development - Question

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

Jason and Peter,

For your information, please see attached Plumbing Plan for 4-8 Merchants Way, showing a sewer line running through the building in a north/south orientation. This arrangement was chosen in part to increase flexibility of future tenant layouts without impacting site improvements. We would also appreciate that flexibility at the 10 Merchants Way building.

Thanks,

David

David Rauseo Interchange Development www.Merchants-Way.com 603-491-1103 (cell)

From: Jason Hill [mailto:jhill@tfmoran.com]
Sent: Wednesday, September 11, 2024 1:35 PM

To: PKohalmi@concordnh.gov
Co: James Robinson; David Rauseo

Subject: Interchange Development - Question

Hi Pete, Regarding your comment:

Utility Plan

8. c Please show a separate sanitary sewer service for the retail building.

What is the basis for this request? We typically provide only one single domestic service to a building. Which is the case here, with a demising wall between the restaurant and retail space. Is there a regulation or is this your opinion?

Thank you

Jason S. Hill, PE

Project Manager

TFMoran, Inc.48 Constitution Drive Bedford, NH 03110

Tel: (603) 472-4488 Fax: (603) 472-9747

jhill@tfmoran.com



From: <u>David Rauseo</u>
To: <u>Skinner, AnneMarie</u>

Cc: "Laurie Rauseo"; "Jason Hill"

Subject: RE: Staff Report for November 20, 2024 - 2024-047 - 10-12 Merchants Wy

Date: Thursday, November 14, 2024 2:16:52 PM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png image005.png

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Good afternoon AnneMarie,

Thank you for sharing the staff report for 10-12 Merchants Way.

We noted Precedent Condition 1d regarding lighting as follows:

d. A lighting plan was submitted in accordance with Section 18.18 Lighting and Section 29 Lighting of the Site Plan Regulations and Article 28-7 Access, Circulation, and Parking of the Zoning Ordinance. The submitted lighting plan, however, appears to show light trespass beyond property boundaries greater than 0.2 foot-candles and needs to be revised to be compliant with Section 29.07 Nuisance and Glare and not have any foot-candles greater than 0.2 beyond property boundaries. Additionally, a detail for light poles was included on Sheet C-21, but Sheet C-5 does not appear to show any proposed light poles. Confirm that the project at 10 Merchants Wy will, in fact, be installing light poles as part of the project and show the location of the proposed installations on Sheet C-5 or remove the light pole details from Sheet C-21.

Interchange Development LLC respectfully requests a waiver from Section 18.18 and Section 29.07 of the Site Plan Regulations to allow for light trespass beyond property boundaries. Any light trespass from this property will occur on privately owned roadways which are lighted in order to provide safety for both pedestrians and vehicles in the shopping center.

With respect to the note about light pole details, there are no <u>new</u> light poles that haven't already been approved in prior site plans. However, there is an existing pole which may need to be relocated during construction as it is located very close to the eastern side of the building.

Thank you.

David and Laurie

David Rauseo Interchange Development <u>www.Merchants-Way.com</u> 603-491-1103 (cell)

From: Skinner, AnneMarie [mailto:ASkinner@ConcordNH.gov]

Sent: Wednesday, November 13, 2024 2:10 PM

To: Jason Hill

Cc: Laurie Rauseo; David Rauseo

Subject: Staff Report for November 20, 2024 - 2024-047 - 10-12 Merchants Wy

Hi,

Attached is the staff report for the Planning Board public hearing on November 20, 2024, at 7:00 p.m.

Please let me know if you have any questions.

Thank you,

AnneMarie Skinner, AICP

City Planner



City of Concord 41 Green Street, Concord NH 03301 (603) 230-3636 askinner@concordnh.gov www.concordnh.gov







