

BOND RELEASE REQUEST

48 FRIARS DRIVE – WATER & SEWER

Attached, please find a request from the Town Engineer for the Planning Board to approve a bond release relative to the water & sewer infrastructure at 48 Friars Drive, Hudson NH. This bond was previously in amount of \$1,659,268.00, and reduced to \$214,500.00 at the February 14, 2024 Planning Board meeting. The request is to release the remaining \$214,500.00.

SITE: 48 Friars Drive – Map 209/Lot 001-000

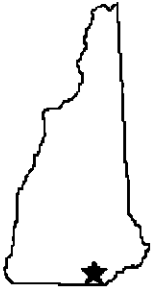
ATTACHMENTS:

- A. Memorandum from Elvis Dhima, dated September 5, 2024 – Attachment “A”
- B. Bond Reduction Notice of Approval Form dated February 20, 2024 – Attachment “B”
- C. Town of Hudson, NH Road Guarantee Estimate Form dated July 08, 2022 – Attachment “C”

DRAFT MOTION:

I move to release the bond for 48 Friars Drive relative to the Water & Sewer infrastructure, in the amount of \$214,500.00, in accordance with the recommendation of the Town Engineer, Elvis Dhima.

Motion by: _____ Second: _____ Carried/Failed: _____




TOWN OF HUDSON
Engineering Department



12 School Street · Hudson, New Hampshire 03051 · Tel: 603-886-6008 · Fax: 603-594-1142

INTEROFFICE MEMORANDUM

TO: Jay Minkarah, Acting Town Planner
Planning Department

FROM: Elvis Dhima P.E., Town Engineer 

DATE: 9/5/2024

RE: 48 Friar Drive– Onsite Water & Sewer Bond Release

The applicant's has requested a bond release related to private water and sewer infrastructure at the site. All the work related to this bond has been completed and the site has received the building occupancy.

The request was reviewed, verified in the field and approved by the Engineering Department and the current amount of **\$214,500**, should be released by Planning Board, as recommended by Town Engineer.

ORIGINAL
BOND

TOWN OF HUDSON, NH
ROAD GUARANTEE ESTIMATE FORM

I hereby certify that, in addition to any work already completed, the following itemized statement and estimate unit costs will complete all improvements required by the Hudson, NH Planning Board for the following Streets:

Owner/Developer Name: Lowell Road Property Owner, LLC

Date: 08 July, 2022

Project Name: Warehouse at 161 Lowell Rd (Friars Drive) - Swr & water only Map: 209

Lot: 001-000

Street Name: Friars Drive

Street Length: (Site Plan)

					Total	Bond Remaining	Date
Clearing, 50' width	A.C.	@	\$	8,000.00 =	_____	_____	_____
Excavation	C.Y.	@	\$	15.00 =	_____	_____	_____
Ledge Removal Mass	C.Y.	@	\$	45.00 =	_____	_____	_____
Trench Ledge	C.Y.	@	\$	65.00 =	_____	_____	_____
Drainage Swales	L.F.	@	\$	15.00 =	_____	_____	_____
Drainage Swale w/Riprap	L.F.	@	\$	15.00 =	_____	_____	_____
Hay Bale Dike	EA	@	\$	5.00 =	_____	_____	_____
Silt Fence	L.F.	@	\$	5.00 =	_____	_____	_____
Storm Drains Size/Type							
12" RCP	_____ L.F.	@	\$	40.00 =	_____	_____	_____
15" RCP	_____ L.F.	@	\$	45.00 =	_____	_____	_____
18" RCP	_____ L.F.	@	\$	48.00 =	_____	_____	_____
21" RCP	_____ L.F.	@	\$	50.00 =	_____	_____	_____
24" RCP	_____ L.F.	@	\$	60.00 =	_____	_____	_____
30" RCP	_____ L.F.	@	\$	70.00 =	_____	_____	_____
36" RCP	_____ L.F.	@	\$	90.00 =	_____	_____	_____
6" PVC	_____ L.F.	@		\$30.00 =	_____	_____	_____
6" Underdrain	_____ L.F.	@	\$	25.00 =	_____	_____	_____
8" Underdrain	_____ L.F.	@	\$	30.00 =	_____	_____	_____
Additional Excavation for Structures	C.Y.	@	\$	15.00 =	_____	_____	_____
Catch Basin Grate	U	@	\$	1,000.00 =	_____	_____	_____
4' Catch Basins	V.F.	@	\$	400.00 =	_____	_____	_____
5' Catch Basins	V.F.	@	\$	500.00 =	_____	_____	_____
4' Drain Manholes	V.F.	@	\$	500.00 =	_____	_____	_____
5' Drain Manholes	V.F.	@	\$	550.00 =	_____	_____	_____
Drainage Manhole Covers	U	@	\$	750.00 =	_____	_____	_____
Headwalls	EA	@	\$	1,500.00 =	_____	_____	_____
Rip-Rap	S.Y.	@	\$	50.00 =	_____	_____	_____

Subdivision Name: Warehouse at 161 Lowell Rd (Friars Drive) - Swr & water only

					Total	Bond Remaining	Date
Sanitary Sewer Size							
6" PVC Service Connection	_____ L.F.	@ \$	30.00	=	_____	_____	_____
8" PVC							
0' - 12' Depth	1504 L.F.	@ \$	80.00	=	\$ 120,320.00	_____	_____
12' - 18' Depth	620 L.F.	@ \$	90.00	=	\$ 55,800.00	_____	_____
10" PVC	_____ L.F.	@ \$	95.00	=	_____	_____	_____
Sewer Manhole Grate and Cover	11 E.A.	@ \$	750.00	=	\$ 8,250.00	_____	_____
Sanitary Sewer Manholes 4' dia.							
	114 V.F.	@ \$	450.00	=	\$ 51,300.00	_____	_____
Sanitary Sewer Manholes 5' dia.							
	_____ V.F.	@ \$	550.00	=	_____	_____	_____
Service Cleanout							
	_____ EA.	@ \$	350.00	=	_____	_____	_____
Water Main Size (valves included)							
4" DIP Class 52	_____ L.F.	@ \$	65.00	=	_____	_____	_____
6" DIP Class 52	415 L.F.	@ \$	75.00	=	\$ 31,125.00	_____	_____
8" DIP Class 52	_____ L.F.	@ \$	85.00	=	_____	_____	_____
10" DIP Class 52	678 L.F.	@ \$	95.00	=	\$ 64,410.00	_____	_____
12" DIP Class 52	4811 L.F.	@ \$	105.00	=	\$ 505,155.00	_____	_____
T/S&V	_____ L.F.	@	\$4,000.00	=	_____	_____	_____
Hydrants							
	13 EA	@ \$	5,000.00	=	\$ 65,000.00	_____	_____
1" Copper Service (stops included)							
	_____ EA.	@ \$	500.00	=	_____	_____	_____
Bank Run Gravel							
	C.Y.	@ \$	25.00	=	_____	_____	_____
Crushed Bank Run Gravel							
	C.Y.	@ \$	30.00	=	_____	_____	_____
Sand Cushion							
	_____ C.Y.	@	\$30.00	=	_____	_____	_____
Hot Bituminous Pavement 28' width							
2 1/2" or 2" Base Course	_____ TONS	@ \$	100.00	=	_____	_____	_____
1 1/2" Wearing Course Type F	_____ TONS	@ \$	110.00	=	_____	_____	_____
_____ Other	_____	@		=	_____	_____	_____
Tack Coat	_____ S.Y.	@ \$	75.00	=	_____	_____	_____
Curbing							
Granite	_____ L.F.	@ \$	50.00	=	_____	_____	_____
Cape Cod	_____ L.F.	@ \$	30.00	=	_____	_____	_____
Street Light & Foundation							
	_____ U	@ \$	2,000.00	=	_____	_____	_____
Sidewalks							
5' Wide bituminous	_____ S.Y.	@ \$	75.00	=	_____	_____	_____
Loam and Seed							
Easement areas	_____ L.F.	@ \$	10.00	=	_____	_____	_____
R.O.W. areas	_____ L.F.	@ \$	10.00	=	_____	_____	_____
Wetland Boundary Markers	_____ U	@ \$	10.00	=	_____	_____	_____

Subdivision Name: Warehouse at 161 Lowell Rd (Friars Drive) - Swr & water only

					Total	Bond Remaining	Date
Bounds and Pins							
Property Pins	_____	EA.	@	\$ 350.00 =	_____	_____	_____
Road Bounds	_____	EA.	@	\$ 500.00 =	_____	_____	_____
Stop Signs	_____	EA.	@	\$ 200.00 =	_____	_____	_____
Street Signs	_____	EA.	@	\$ 200.00 =	_____	_____	_____
As-Built Plans	_____	L.F.	@	\$ 10.00 =	_____	_____	_____
Landscaping							
Trees	_____	EA.	@	\$ 400.00 =	_____	_____	_____
Bushes	_____	EA.	@	\$ 250.00 =	_____	_____	_____
Guard Rails	_____	L.F.	@	\$ 60.00 =	_____	_____	_____
Utility Trench (Elec/Tel/TV)	_____	L.F.	@	\$50.00 =	_____	_____	_____
Other required improvements							
Water Facility	250000 GAL	@		\$1.50 = \$ 375,000.00	_____	_____	_____
Subtotal:					\$ 1,276,360.00	_____	_____
Mobilization (10% subtotal):					\$ 127,636.00	_____	_____
Engineering & Contingencies (10% subtotal):					\$ 127,636.00	_____	_____
Total Estimate					\$ 1,531,632.00	_____	_____
Maintenance Level (10% of the Original Amount):					\$ 127,636.00	_____	_____
Total Estimate:					\$ 1,659,268.00	_____	_____

Preparer Name: The Dubai Group, Inc. Date: 08 July, 2022