

10-0969-023D-02
March 12, 2024

Frank Smeriglio
Director of Public Works
Town of Wilton
238 Danbury Road
Wilton, Connecticut 06897

Re: **20 Westport Road
ASML B20 Third Wing Expansion**

Dear Mr. Smeriglio:

On behalf of ASML, we are notifying you that as part of its B20 Third Wing Expansion project, ASML anticipates generating an additional 48,000 gpd of sanitary sewerage. The B20 Third Wing Expansion project will add a third building at ASML's 20 Westport Road campus, in addition to a parking garage.

At this time, the project is in the beginning of the conceptual design stage, therefore no plans or drawings are currently available. We will coordinate with you as the design progresses. The 48,000 gpd estimate is based upon a conceptual estimate prepared by the project plumbing engineer.

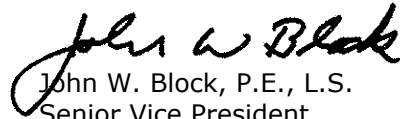
If you have any questions with the plans or calculations, please feel free to contact me at (203) 712-1109 at your convenience.

Very truly yours,

TIGHE & BOND, INC.



Joseph Canas, PE, LEED AP, CFM
Principal Engineer



John W. Block, P.E., L.S.
Senior Vice President

Copy: Zack Sullivan, ASML
David Oppizzi, Jones Lang Lasalle
J. Casey Healy, Gregory & Adams

J:\A\A0969 ASML\043 B20 New Building\Correspondence\A0969-043 2024_03-12 Letter F Smeriglio Re Wpca Agenda.Docx



Rochester, Jacqueline

Subject: FW: ASML B20 3rd wing expansion - Sanitary Sewer Load
Attachments: A0969-043 2024_03-12 letter f smeriglio re wpcap agenda.pdf

From: Patrick van den Bogaard <patrick.van.den.bogaard@asml.com>
Sent: Friday, March 8, 2024 10:30 AM
To: Smeriglio, Frank <Frank.Smeriglio@WILTONCT.ORG>; Will Schnell <william.schnell@asml.com>
Cc: Louis Lu <louis.lu@asml.com>; Diane Montemarano Azzam <diane.montemarano.azzam@asml.com>; Boucher, Toni <Toni.Boucher@WILTONCT.ORG>; Andy Judge <andy.judge@asml.com>; Steve Bean <steve.bean@asml.com>
Subject: Building 77 and 20 westport road

CAREFUL - From outside - CHECK before you CLICK.

Hi Frank,

Apologies took a bit longer to understand all the detailed work done by all the design teams.
But as discussed the other day below the requested information :

Building 20 Sewer Usage :

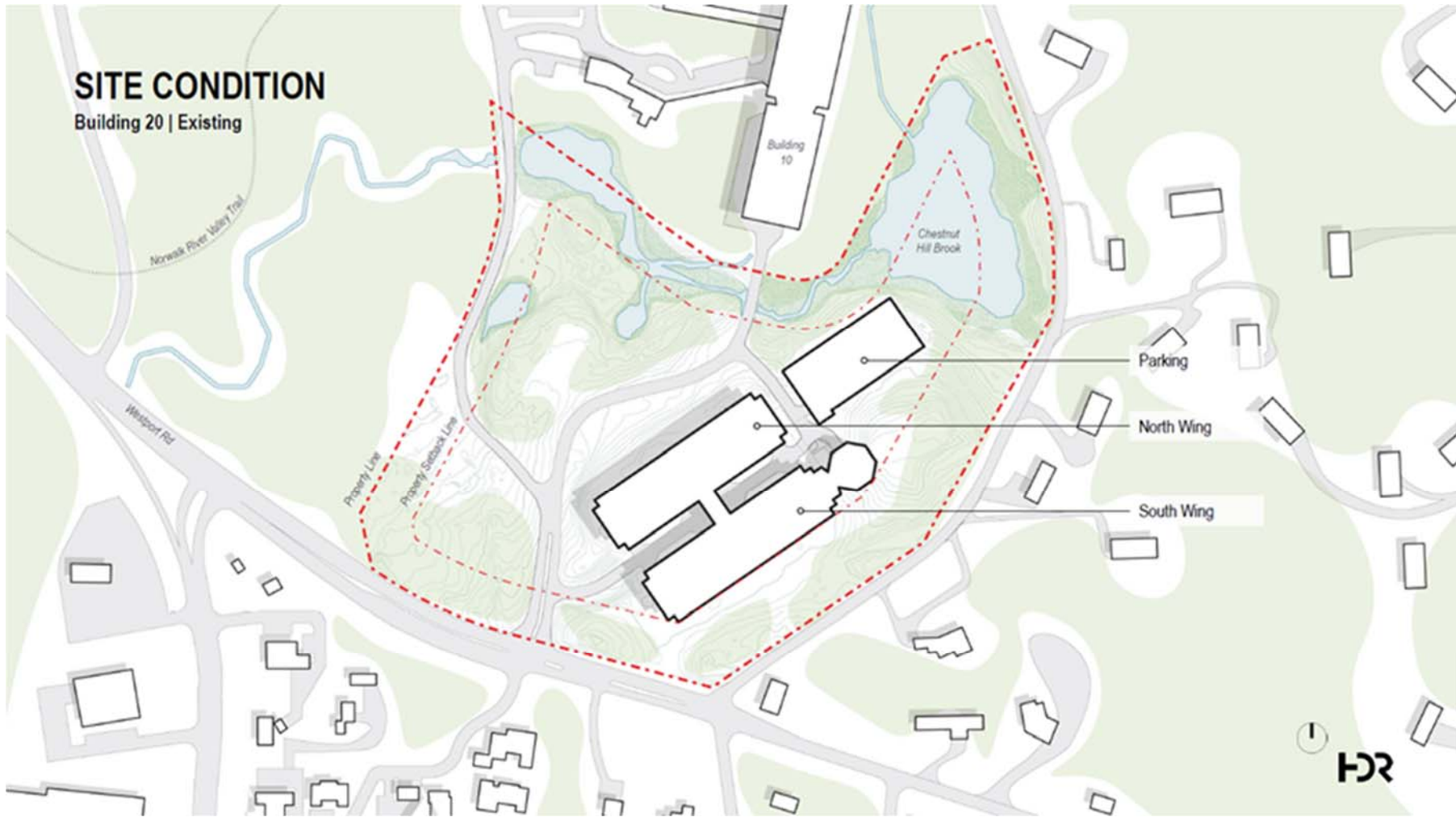
Today B20 is designed as an office building with an logistical area underneath a cafeteria in the South Wing. Besides this office building we have a parking garage.

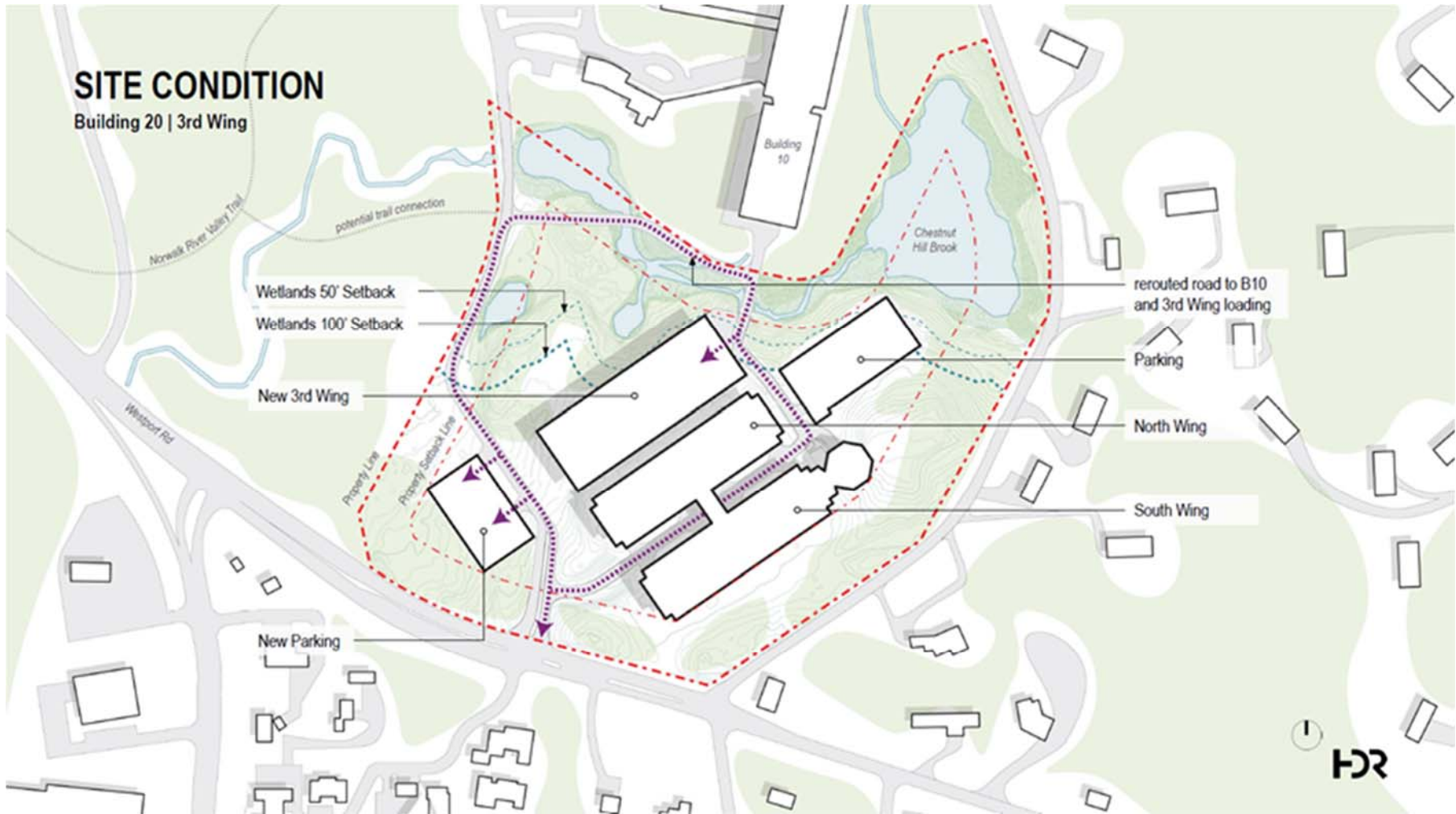
See screenshot below (site condition Existing).

The second screenshot show the DRAFT and preliminary FUTURE state sketch we have today.
You see that the idea is to add a 3rd wing with an additional parking garage.

We are programming the usage of this 3rd wing, but now quite certain we will only bring DE lab space to this wing which DOES NOT require great sewerage increases.

So with what we know today, it is save to save that the volume of Building 20 as for impact on the sewerage system will **increase with 35-40%**





From: Joseph A. Canas <JACanas@tigebond.com>
Sent: Wednesday, January 31, 2024 5:02 PM
To: Smeriglio, Frank <Frank.Smeriglio@WILTONCT.ORG>
Cc: John W. Block <JWBlock@tigebond.com>
Subject: FW: ASML B20 3rd wing - Sanitary Sewer Load

CAREFUL - From outside - CHECK before you CLICK.

Frank-

Please see below for the projected sewer load from the proposed B20 Third Wing (new building) Expansion: 48,000 gpd.

Joseph Canas, PE, LEED AP, CFM

Subj: f.l.s.d.d.#Hqj lqjhu#

o. 203.712.1109 | m. 203.300.3840

4333#Eulqjhsruw#Dyhqch/#6⁰⁰#Iannu/#7khorq/#FW#97;7#

z -#hjkherqg1frp -##kqmrwrqghvjg1frp -#



From: Debrauske, Mark <Mark.Debrauske@hdrinc.com>

Sent: Wednesday, January 31, 2024 2:09 PM

To: John W. Block <JWBlock@tighebond.com>

Cc: Joseph A. Canas <JACanas@tighebond.com>; Dubadi, Anish <Anish.Dubadi@hdrinc.com>; Nazareno, Gemini <Gemini.Nazareno@hdrinc.com>; Oppizzi, David <David.Oppizzi@jll.com>; Zack Sullivan <zack.sullivan@asml.com>

Subject: ASML B20 3rd wing - Sanitary Sewer Load

[Caution - External Sender]

All,

Below is the HDR calculated assumptions for sanitary flow, Building 20, 3rd wing.

Please review and comment.

ASML - B20

Water / Sewer Demand

3rd Wing (Domestic)

Floor	Occupancy	Daily (GPD)	Total (GPD)
1	300	15	4,500
2	300	15	4,500
3	300	15	4,500
R	0	15	0
900 people			13,500 Daily Total

Cafeteria

Floor	Occupancy	Daily (GPD)	Total (GPD)
2	450	10	4,500
450 people			4,500 Daily Total

Average Usage Gallons per Day (GPD)	
15	Office
10	Per meal (Cafeteria)

Process (DI)	Flow (GPM)	Rejection	Total (GPM)	Total (GPD)
Lab	50	25%	62.5	30,000
				0
				30,000 Daily Total

Total Domestic GPD	18,000
Total Process GPD	30,000
Total GPD	48,000

Regards,
Mark

Mark Debrauske, AIA
Senior Project Manager

HDR
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