

September 23, 2022

Sutton Town Hall
Attn: Sutton Planning Board
4 Uxbridge Road
Sutton, MA 01590

RE: Revised Building 3 Location – Drainage Memorandum
UGPG RE Sutton, LLC
Unified Building 2 & 3 (40 & 42 Unified Parkway)
Providence Road/Boston Road, Sutton, Massachusetts

Dear Members of the Sutton Planning Board:

Due to a slight change in location of the existing 250-foot electrical easement, the location of the Building 3 shifted approximately 25-feet closer to Unified Parkway to remain outside of the easement. To illustrate the minor nature of the change, we've attached an overlay plan showing the original location in black and revised location in red.

This building shift has no impact on the previously proposed drainage areas, patterns, or overall drainage design intent. However, it results in a negligible increase of 1,300 s.f. of impervious area from what was previously permitted (+/-0.2%). This is due to a minor modification in the trailer storage areas on the west side of the building and minor deviations to the parking area on the northern side of the building. The increase in impervious area equates to roughly 828-cubicfeet of additional runoff generated in the 100-year storm event. To conservatively account for this additional runoff Stormwater Management Areas B3a and B3b have incased in size by +/-11% and +/-20% respectively (36,782 cubic feet and 26,748 cubic feet respectively). We've exponentially increased the basin sizes to seize the opportunity to provide more recharge which was a prior request. The basin bottom elevations, outlet control structures, overflow weir elevations, etc. remain unchanged. As such, we believe the proposed modification is actually an improvement to the original design as it provides opportunity for additional recharge above what was permitted with no impact to the design intent.

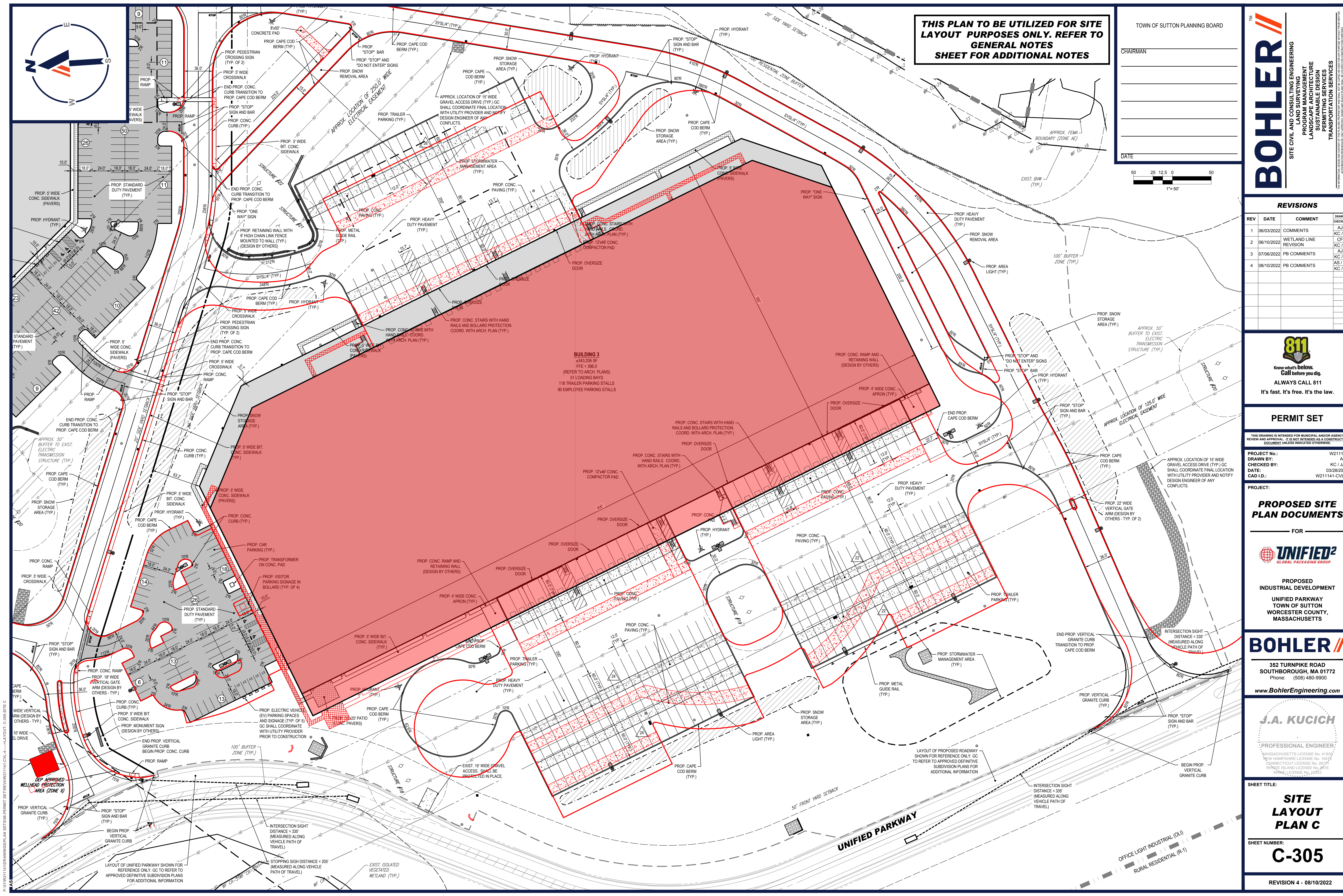
If you should have any questions, comments or require additional information, please do not hesitate to contact me at (508) 480-9900.

Thank you,

BOHLER ENGINEERING



John A. Kucich, PE



THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES

TOWN OF SUTTON PLANNING BOARD

CHAIRMAN _____

DATE _____

50 25 12.5 0 50

1"= 50'

BOHLER

SITE CIVIL AND CONSULTING ENGINEERING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

REVISIONS				
REV	DATE	COMMENT	CHECKED BY	
1	06/03/2022	COMMENTS	AJS	KC / JK
2	06/10/2022	WETLAND LINE REVISION	CFD	KC / JK
3	07/06/2022	PB COMMENTS	AJS	KC / JK
4	08/10/2022	PB COMMENTS	AS / CE	KC / JK

811

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PROJECT No.: W211141
DRAWN BY: AJS
CHECKED BY: KC / JAK
DATE: 03/28/2022
CAD ID: W211141-CVL-4

PROPOSED SITE PLAN DOCUMENTS

FOR



PROPOSED INDUSTRIAL DEVELOPMENT

UNIFIED PARKWAY
TOWN OF SUTTON
WORCESTER COUNTY,
MASSACHUSETTS

BOHLER

352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900

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J.A. KUCICH

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SHEET TITLE:

SITE LAYOUT PLAN C

SHEET NUMBER:

C-305

REVISION 4 - 08/10/2022