

The posted plan is subject to change. Please note that this site plan may be modified during the Town Planning Board and/or Town Board review process. Please contact the assigned planning department staff member if you have questions regarding the date and status of any posted graphics.

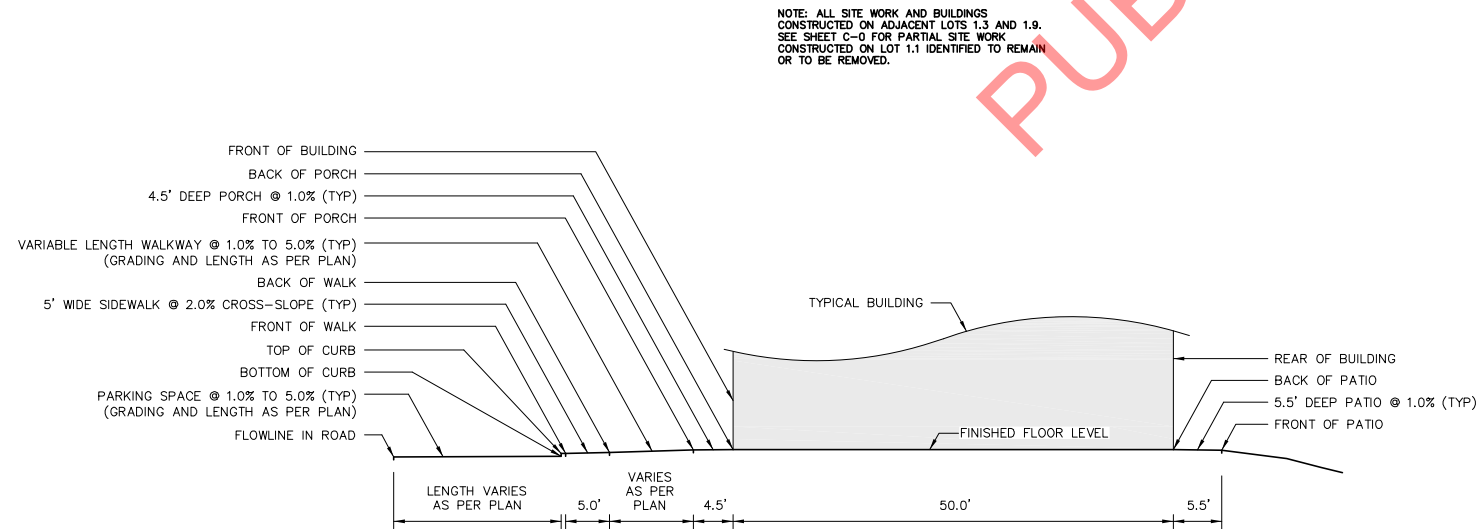
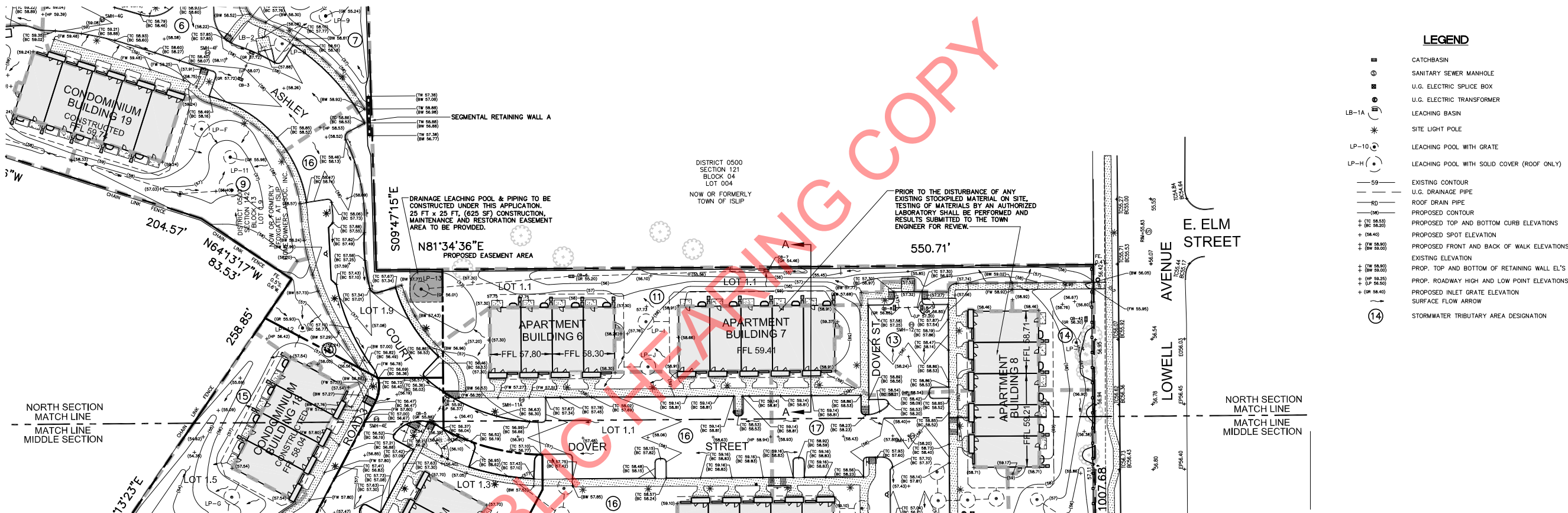
**NORTH SECTION ROOF DRAINAGE CALCULATIONS:**

ROOF DRAINAGE:  
PROVIDE ON-SITE DRAINAGE STORAGE WITHIN PROPOSED LEACHING POOLS FOR 2" RAINFALL ON ALL ROOF AREAS

BUILDING NUMBER	ROOF AREA (SF) C=1.0	STORAGE VOLUME REQUIRED (CF)	STORAGE VOLUME PROVIDED (CF)	LEACHING POOL DESIGNATION
APT BLDG 6	5,075 X 2/12 X 1.0 =	845.8 CF	907.92 CF (9 LF OF 12" LEACHING POOL)	LP-J
APT BLDG 7	6,338 X 2/12 X 1.0 =	1,056.3 CF	1,210.56 CF (12 LF OF 12" LEACHING POOL)	LP-I
APT BLDG 8	6,338 X 2/12 X 1.0 =	1,056.3 CF	1,210.56 CF (12 LF OF 12" LEACHING POOL)	LP-H

**NORTH SECTION SITE DRAINAGE CALCULATIONS:**

AREA NUMBER	TOTAL AREA S.F.	IMPERVIOUS S.F. C=1.0	GRASS S.F. C=0.20	STORAGE VOL. REQUIRED	STORAGE STRUCTURE DESIGNATION	STORAGE VOLUME PROVIDED C.F.
11	18,065	679 X 2/12 X 1.0 = 113.2 CF	17,386 X 2/12 X 0.2 = 579.5 CF	692.7 CF	LP-13	PROVIDE 1-12" LP @ 7' E.D. (100.88 X 7 = 706.2 C.F)
12	OMITTED	OMITTED	OMITTED	OMITTED	OMITTED	OMITTED
13	8,622	6,063 X 2/12 X 1.0 = 1,010.5 CF	2,559 X 2/12 X 0.2 = 85.3 CF	1,095.8 CF	LB-3	PROVIDE 1-12" LB @ 12' E.D. (100.88 X 12 = 1,210.6 C.F)
14	3,941	493 X 2/12 X 1.0 = 82.2 CF	3,448 X 2/12 X 0.2 = 114.9 CF	197.1 CF	LP-14	PROVIDE 1-6" LP @ 11' E.D. (22.34 X 11 = 245.8 C.F)



SECTION NOTES:  
1. ALL BACK OF PORCH AND BACK OF PATIO ELEVATIONS ARE AT BUILDING FINISHED FLOOR LEVEL.  
2. ALL PORCH AND PATIO SLOPES FALL 1.0% AWAY FROM THE BUILDING.  
3. ALL SIDEWALK CROSS-SLOPES, IN FRONT OF BUILDINGS, ARE 2.0% AS SHOWN.

1	5/23/22	REVISE AS PER TOWN COMMENT LETTER DATED 4/6/22	JRH
NO.	DATE	REVISION	BY
<b>NORTH SECTION GRADING AND DRAINAGE PLAN</b>			
<b>FOXGATE AT ISLIP APARTMENT DEVELOPMENT CENTRAL ISLIP, NEW YORK</b>			
TOI SITE PLAN #: SP2022 - 005			
SCTM# 0500-142.00-13.00-001.001			
<b>J.R. HOLZMACHER P.E., LLC</b>			
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DESIGNED BY: JRH	DRAFTED BY: DAH	CHECKED BY: AJZ	PROJECT NO: MRECJ15-01
SHEET NUMBER <b>C-5</b>			DATE: 12-27-21