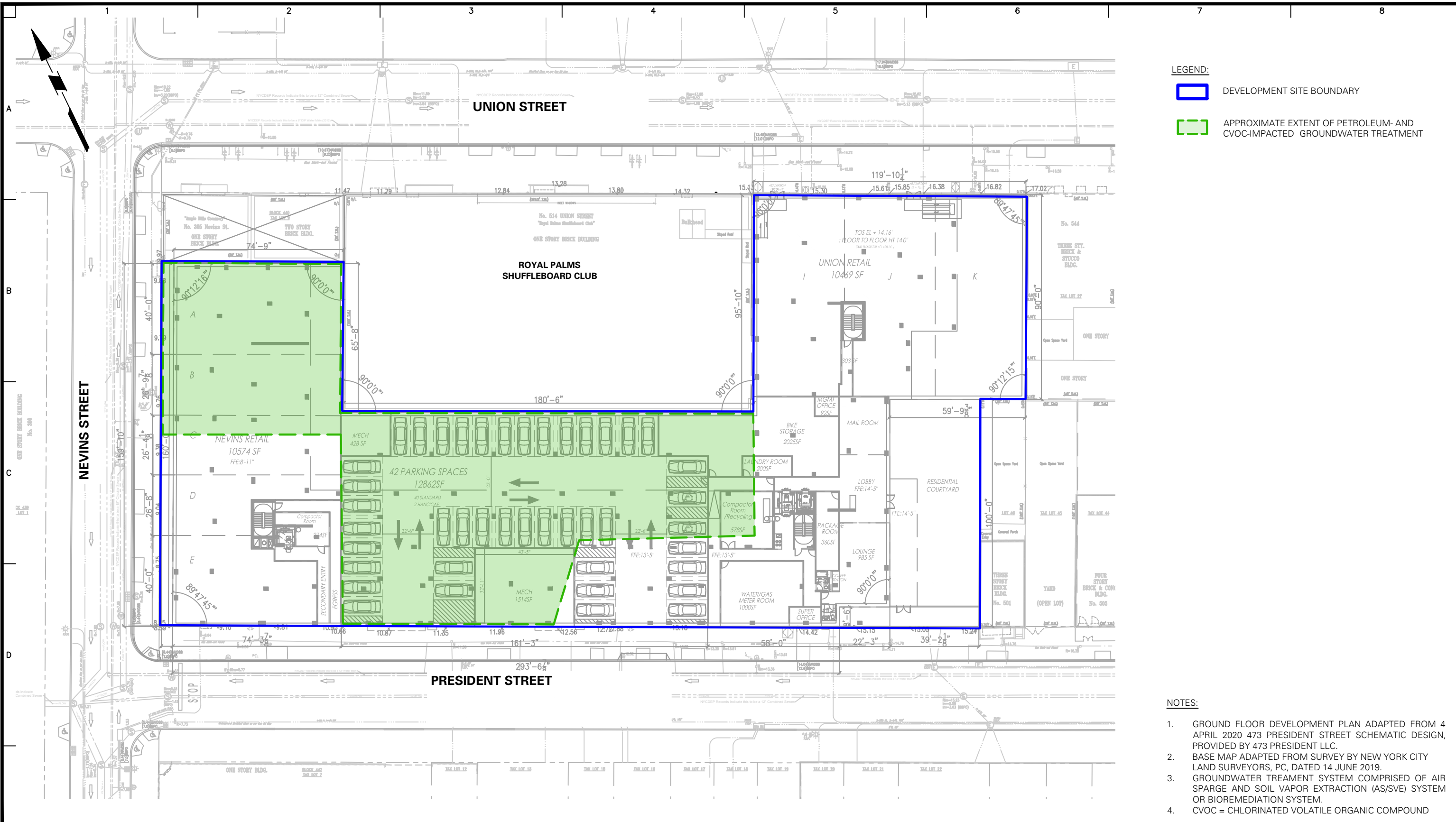


**ATTACHMENT I**  
**SCHEMATIC DESIGN-LEVEL CONCEPTUAL PLANS**

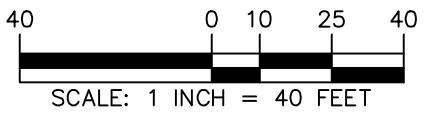


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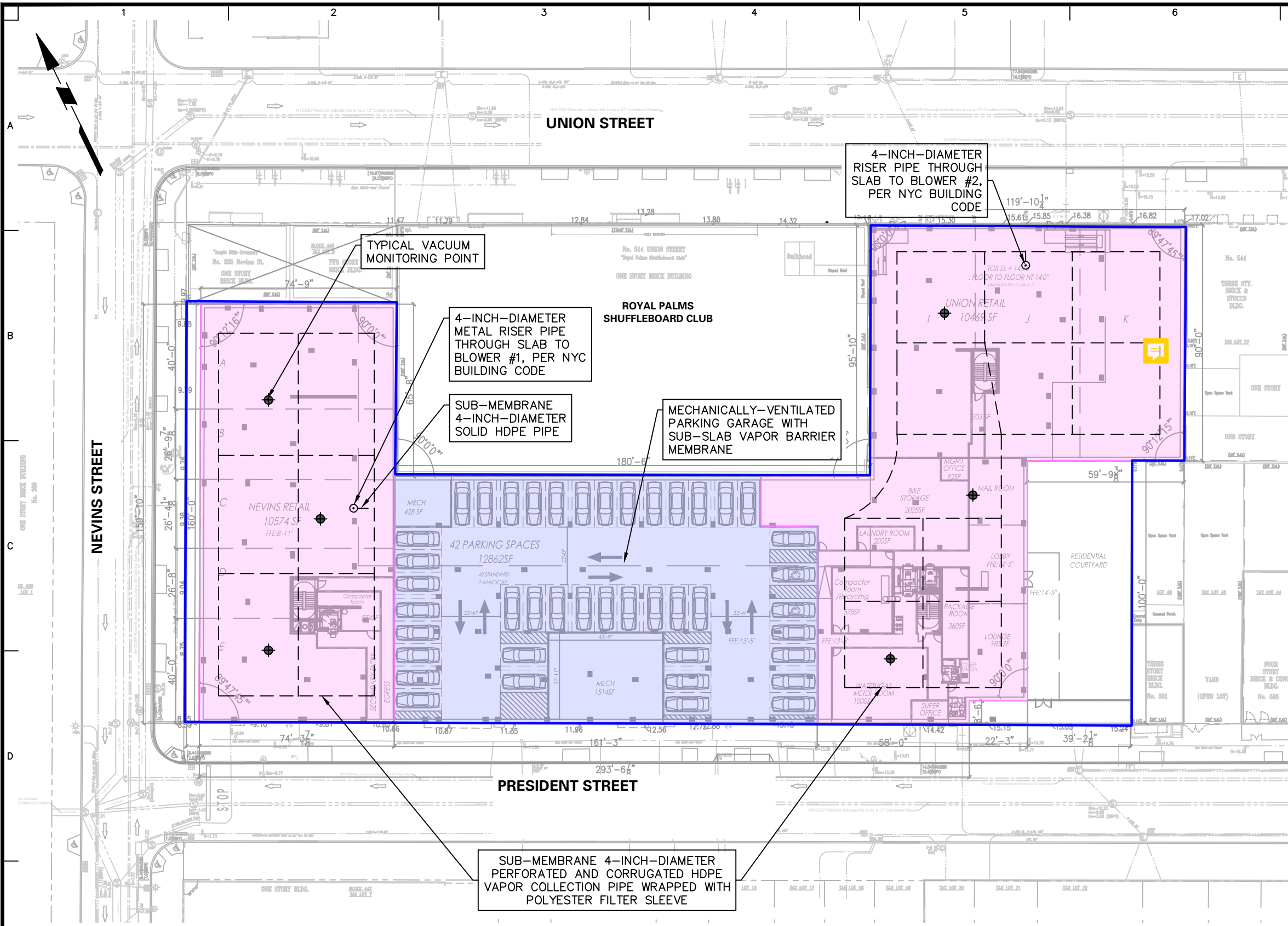
- DEVELOPMENT SITE BOUNDARY
- APPROXIMATE EXTENT OF PETROLEUM- AND CVOC-IMPACTED GROUNDWATER TREATMENT

- NOTES:**
1. GROUND FLOOR DEVELOPMENT PLAN ADAPTED FROM 4 APRIL 2020 473 PRESIDENT STREET SCHEMATIC DESIGN, PROVIDED BY 473 PRESIDENT LLC.
  2. BASE MAP ADAPTED FROM SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
  3. GROUNDWATER TREATMENT SYSTEM COMPRISED OF AIR SPARGE AND SOIL VAPOR EXTRACTION (AS/SVE) SYSTEM OR BIOREMEDIATION SYSTEM.
  4. CVOC = CHLORINATED VOLATILE ORGANIC COMPOUND

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.



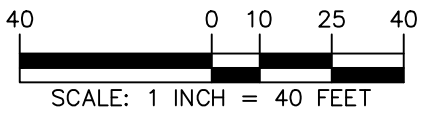
 Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com	Project <b>473 PRESIDENT STREET</b> BLOCK No. 440, LOT No. 1 BROOKLYN	Figure Title <b>PROPOSED EXTENT OF          IN-SITU          GROUNDWATER          TREATMENT SYSTEM</b>	Project No. 170361303 Date 04/15/2020 Drawn By KR Checked By PM	Figure No. <b>1</b> Sheet 1 of 4
	KINGS NEW YORK			



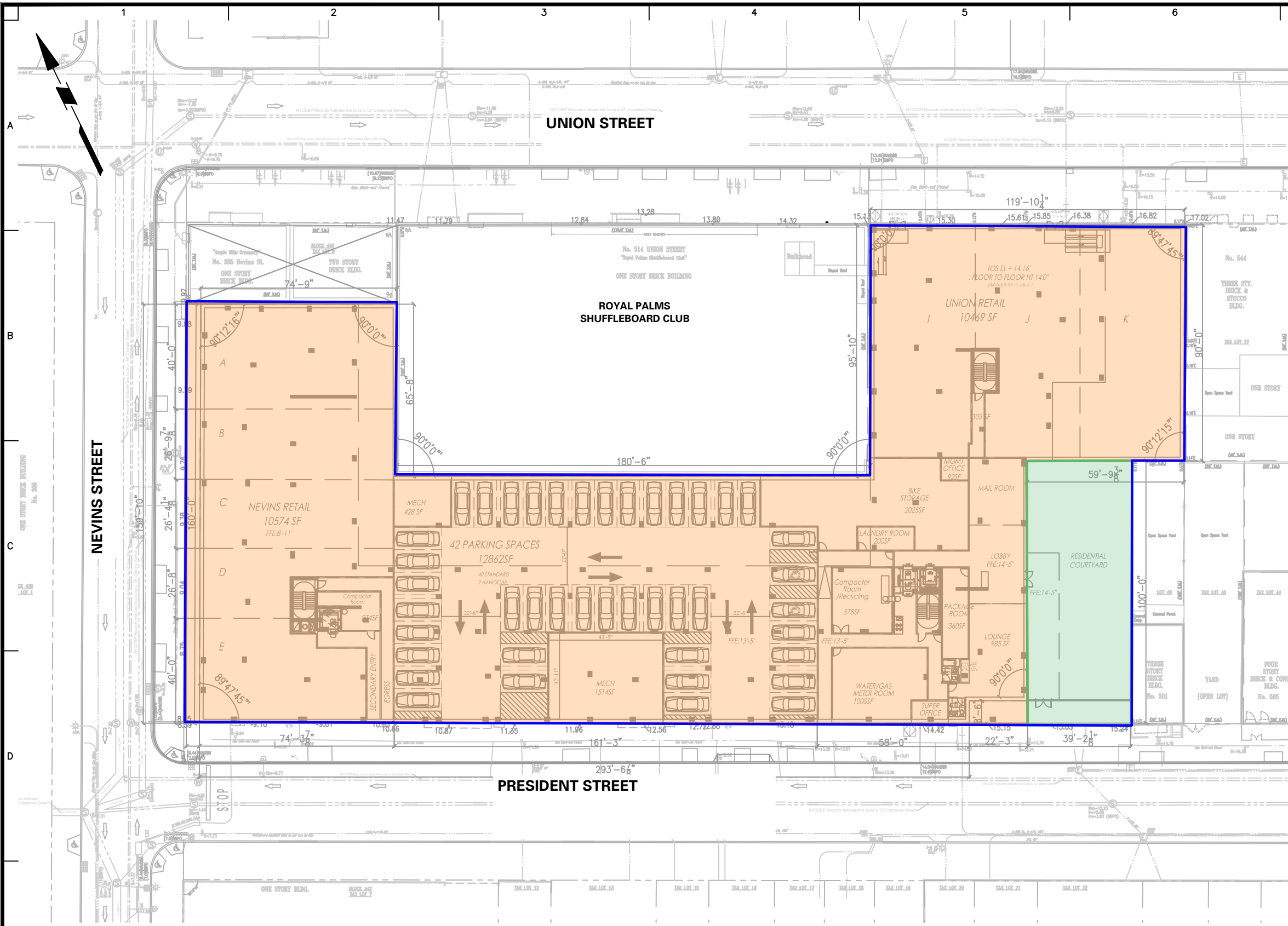
- LEGEND:**
- DEVELOPMENT SITE BOUNDARY
  - PROPOSED EXTENT OF MECHANICALLY-VENTILATED PARKING GARAGE WITH SUB-SLAB VAPOR BARRIER MEMBRANE
  - PROPOSED EXTENT OF VAPOR MITIGATION SYSTEM AND 8-INCH-THICK GRAVEL LAYER AND SUB-SLAB VAPOR BARRIER MEMBRANE

- NOTES:**
1. GROUND FLOOR DEVELOPMENT PLAN ADAPTED FROM 4 APRIL 2020 473 PRESIDENT STREET SCHEMATIC DESIGN, PROVIDED BY 473 PRESIDENT LLC.
  2. BASE MAP ADAPTED FROM SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
  3. VAPOR MITIGATION SYSTEM COMPRISED OF SUB-MEMBRANE DEPRESSURIZATION (SMD) SYSTEM AND VAPOR BARRIER MEMBRANE. THE SMD SYSTEM WILL NOT BE INSTALLED BELOW THE MECHANICALLY-VENTILATED PARKING GARAGE. A VAPOR BARRIER MEMBRANE IS REQUIRED SITE-WIDE, INCLUDING THE PARKING GARAGE FOOTPRINT.
  4. HDPE = HIGH-DENSITY POLYETHYLENE
  5. SVI = SOIL VAPOR INTRUSION

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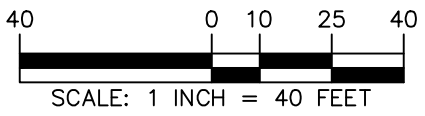
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com	Project <b>473 PRESIDENT STREET</b> BLOCK No. 440, LOT No. 1 BROOKLYN	Figure Title <b>PROPOSED EXTENT OF SVI MITIGATION SYSTEM</b>	Project No. 170361303	Figure No. <div style="font-size: 24px; font-weight: bold; text-align: center;">2</div>
	Project <b>KINGS</b>	Project <b>NEW YORK</b>	Date 04/15/2020	Drawn By KR
Sheet 2 of 4		Sheet 2 of 4		



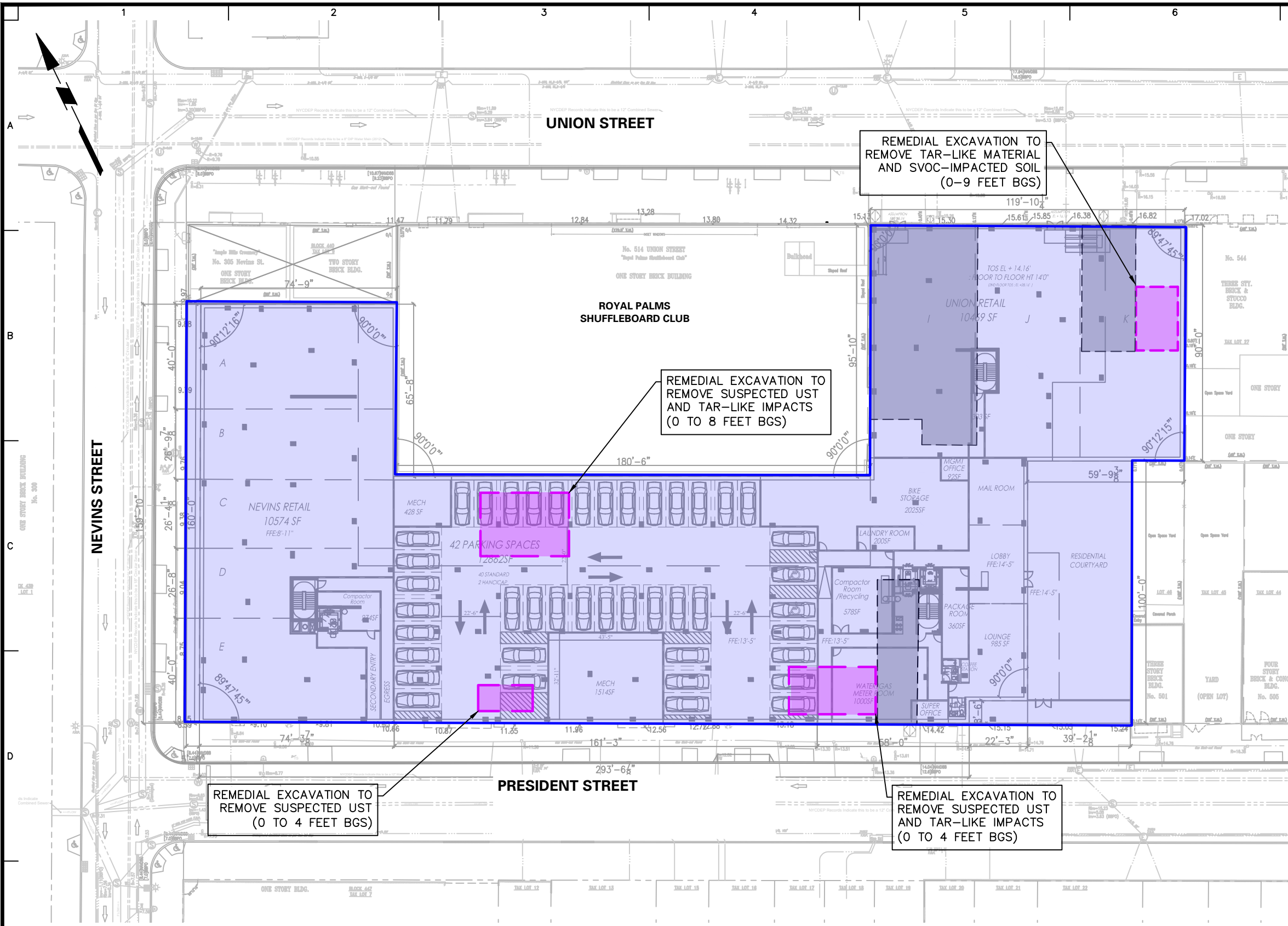
- LEGEND:**
- DEVELOPMENT SITE BOUNDARY
  - APPROXIMATE EXTENT OF CONCRETE FOUNDATION SLAB
  - APPROXIMATE EXTENT OF 2-FOOT-THICK CLEAN FILL LAYER MEETING LOWER OF RURR AND PGW SCOs OVER DEMARCATION LAYER

- NOTES:**
1. GROUND FLOOR DEVELOPMENT PLAN ADAPTED FROM 4 APRIL 2020 473 PRESIDENT STREET SCHEMATIC DESIGN, PROVIDED BY 473 PRESIDENT LLC.
  2. BASE MAP ADAPTED FROM SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
  3. THE 2-FOOT-THICK CLEAN FILL LAYER SHALL MEET THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 RESTRICTED USE RESTRICTED-RESIDENTIAL (RURR) AND PROTECTION OF GROUNDWATER (PGW) SOIL CLEANUP OBJECTIVES (SCOs).

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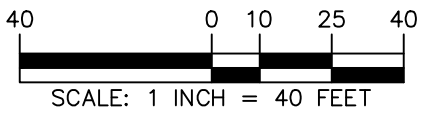
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com	Project <b>473 PRESIDENT STREET</b> BLOCK No. 440, LOT No. 1 BROOKLYN	Figure Title <b>PROPOSED EXTENT OF COMPOSITE COVER SYSTEM</b>	Project No. 170361303 Date 04/15/2020 Drawn By KR Checked By PM	Figure No. <span style="font-size: 24px; font-weight: bold;">3</span> Sheet 3 of 4
	KINGS NEW YORK			



- LEGEND:**
- DEVELOPMENT SITE BOUNDARY
  - APPROXIMATE EXTENT OF EXISTING CELLAR
  - APPROXIMATE EXTENT OF EXCAVATION TO ABOUT 2 FEET BGS
  - APPROXIMATE EXTENT OF REMEDIAL EXCAVATION (SEE CALLOUTS FOR DEPTHS)

- NOTES:**
1. GROUND FLOOR DEVELOPMENT PLAN ADAPTED FROM 4 APRIL 2020 473 PRESIDENT STREET SCHEMATIC DESIGN, PROVIDED BY 473 PRESIDENT LLC.
  2. BASE MAP ADAPTED FROM SURVEY BY NEW YORK CITY LAND SURVEYORS, PC, DATED 14 JUNE 2019.
  3. BGS = BELOW GRADE SURFACE
  4. SVOC = SEMIVOLATILE ORGANIC COMPOUND

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.



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	Project <b>KINGS</b>	Project No. 170361303 Date 04/15/2020 Drawn By KR Checked By PM	Project No. 170361303 Date 04/15/2020 Drawn By KR Checked By PM	Sheet 4 of 4