



- LEGEND**
- TREE WITHIN TREE PIT
  - STREET LIGHT
  - STEPS
  - LOW WALL
  - FENCE WITH GATE
  - HYDRANT WITH BALLARD(S)

5 PLOT PLAN  
DOT-1 1/32" = 1'-0"



PLAN  
SHOWING LOCATION OF  
PROPOSED SNOW MELT SYSTEM  
TO BE LOCATED AT  
20 EAST 78TH STREET  
BOROUGH OF MANHATTAN  
TO ACCOMPANY APPLICATION  
DATED 12/20/2023  
OF  
MASILESTE, LLC  
TO THE  
DEPARTMENT OF TRANSPORTATION  
CITY OF NEW YORK

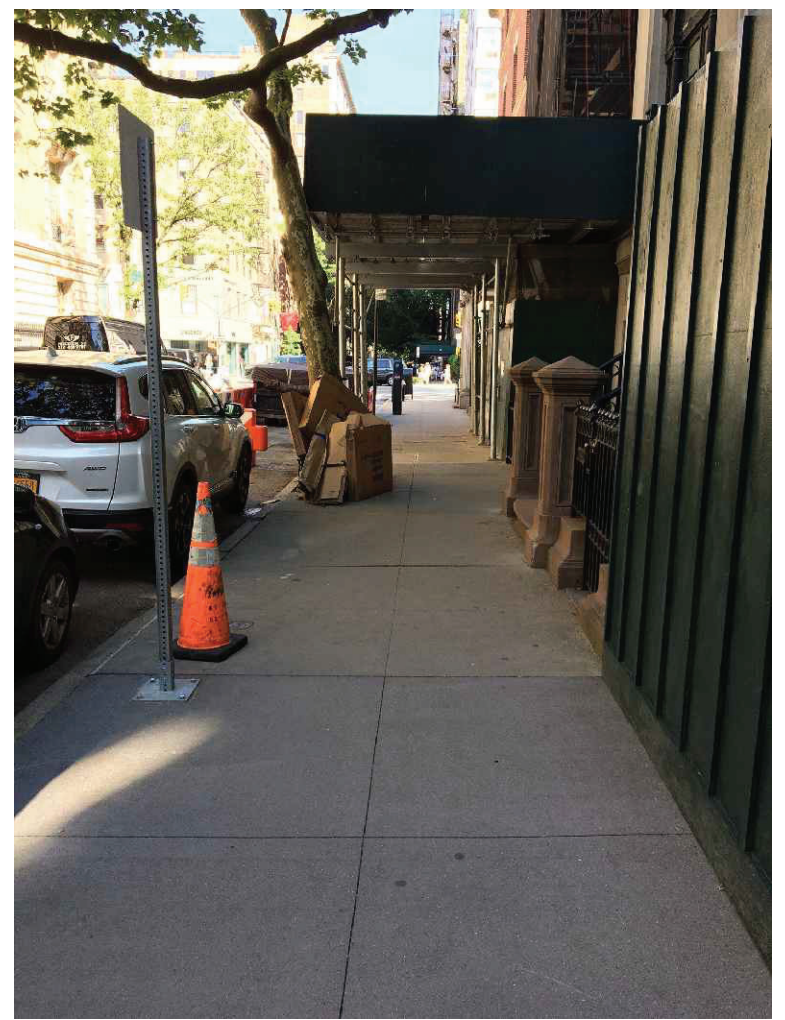
MASILESTE, LLC  
BY *M. Stern*  
MATHILDE STERN, OWNER, APPLICANT

ZONING INFORMATION:  
BLOCK: 1392  
LOT(S): 61  
ZONING DISTRICT: R8B  
ZONING MAP: 8c

CHARACTER OF MATERIALS:  
SIDEWALK PAVING: CONCRETE  
HYDRONIC SNOW MELT: 3/4" "WATTS" ONIX SNOW  
MELT TUBING: 9" o.c.  
SIDEWALK LOOP LENGTH: 212 LF

COST OF REMOVAL AND RESTORATION:  
\$6500

NOTE: PROPOSED IMPROVEMENTS SHOWN  
IN RED



1 SITE PHOTO  
DOT-1



2 SITE PHOTO  
DOT-1



3 SITE PHOTO  
DOT-1

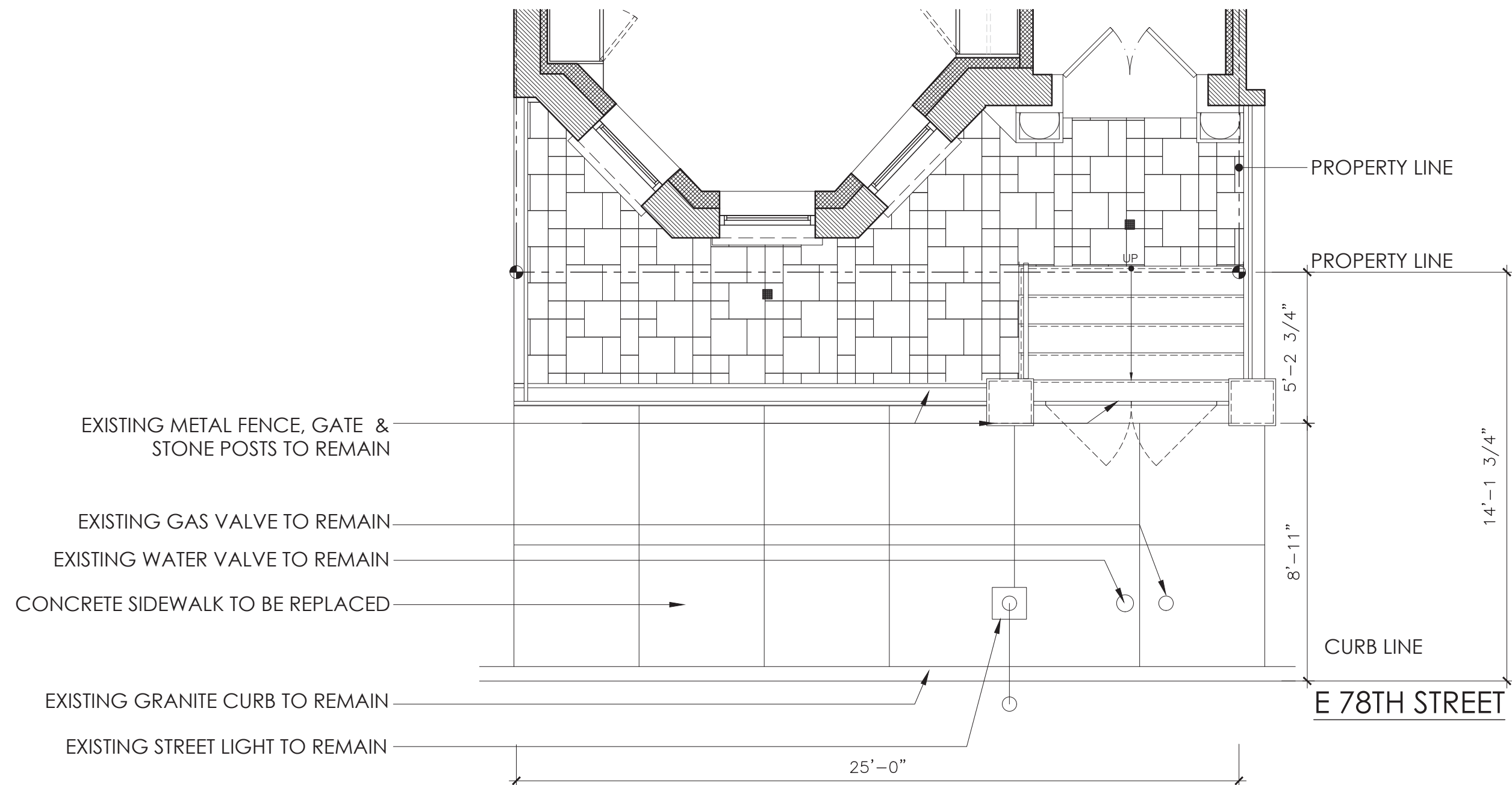


4 SITE PHOTO  
DOT-1

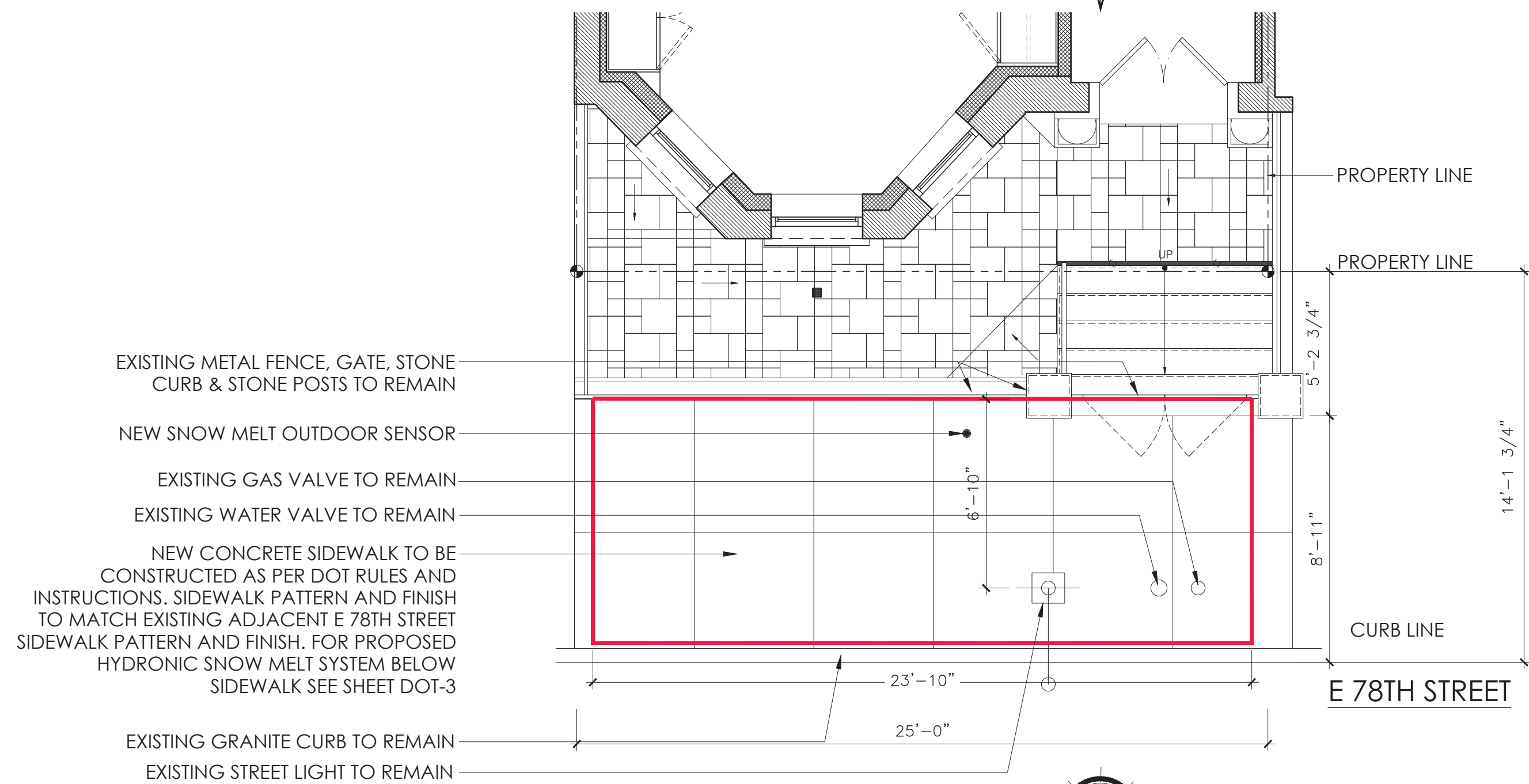
ARCHITECT OF RECORD  
LYON/SZOT ARCHITECTURE  
STUDIO, D.P.C.

55A 9TH ST. UNIT#3, BROOKLYN, NY 11215  
tel. 315-992-7730

SEAL & SIGNATURE:	PROJECT:
	20 E 78TH ST NEW YORK, NY 10075
	DRAWING #: <b>DOT-1</b>
	DATE: 12.20.2023
	PROJECT #: Sheet 1 of 3



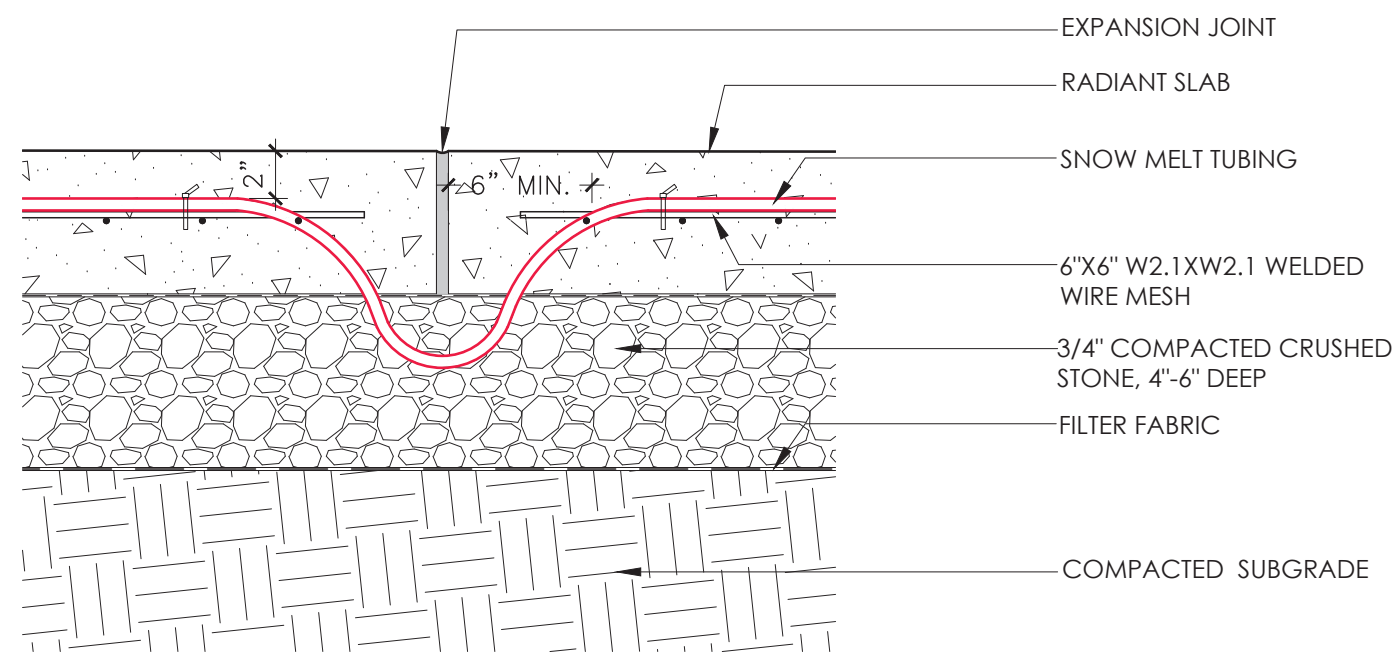
1 EXISTING SIDEWALK PLAN  
DOT-2 1/4" = 1'-0"



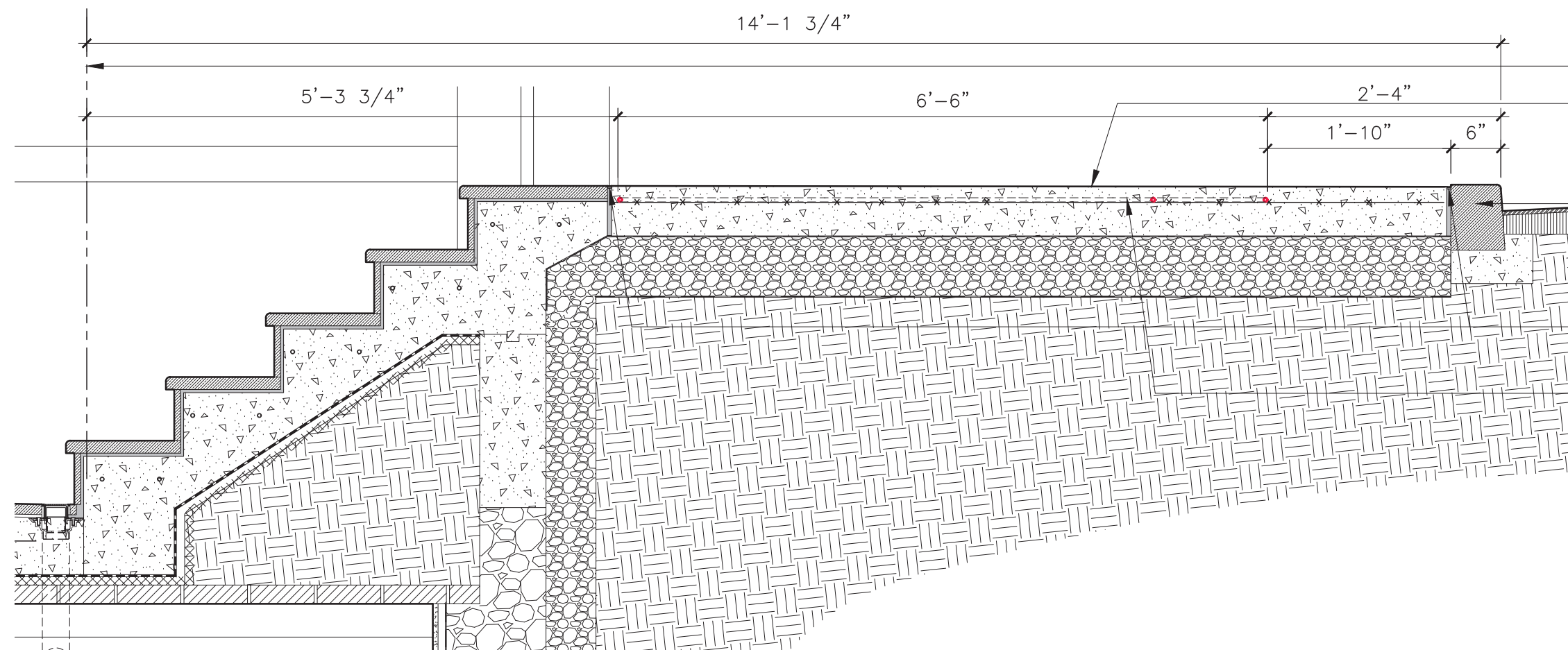
2 PROPOSED SIDEWALK PLAN  
DOT-2 1/4" = 1'-0"



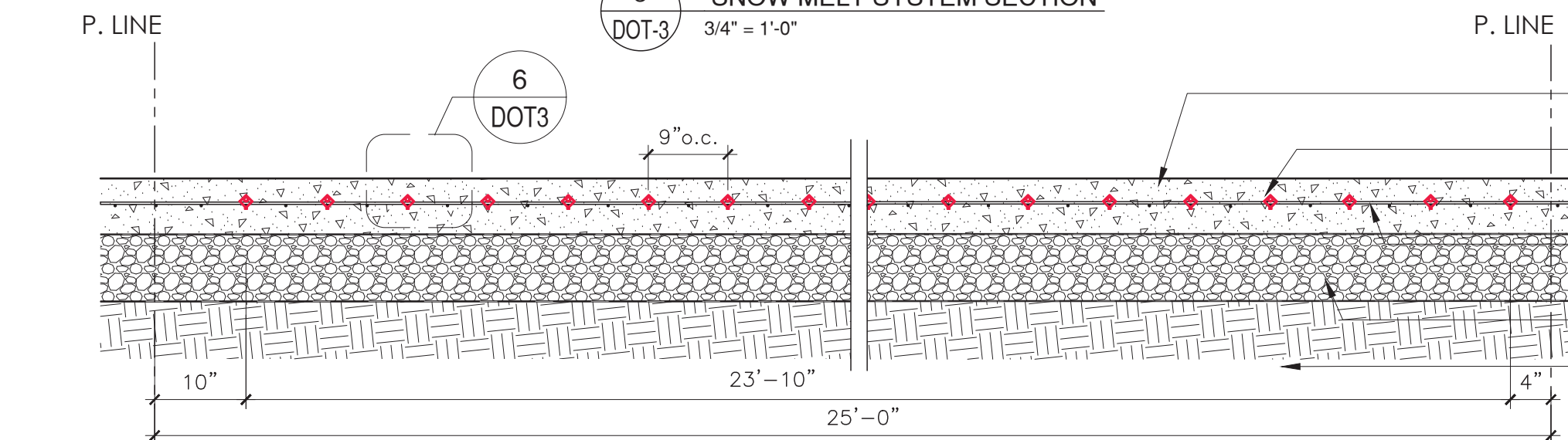
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55A 9TH ST. UNIT#3, BROOKLYN, NY 11215 tel. 315-992-7730	
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1 SNOW MELT SECTION DETAIL @ EXPANSION JOINT  
DOT-3 1 1/2" = 1'-0"



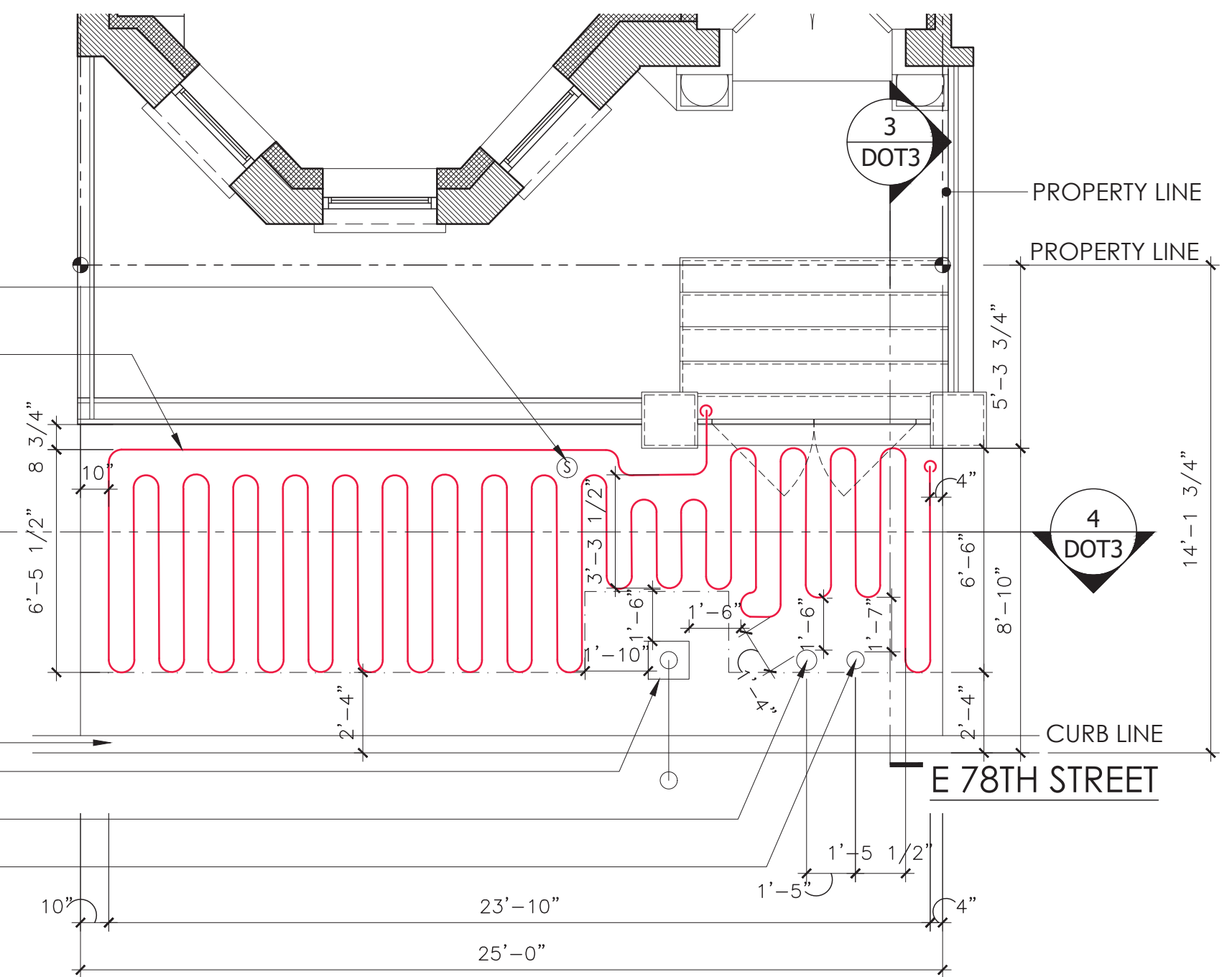
3 SNOW MELT SYSTEM SECTION  
DOT-3 3/4" = 1'-0"



4 SNOW MELT SYSTEM SECTION  
DOT-3 3/4" = 1'-0"

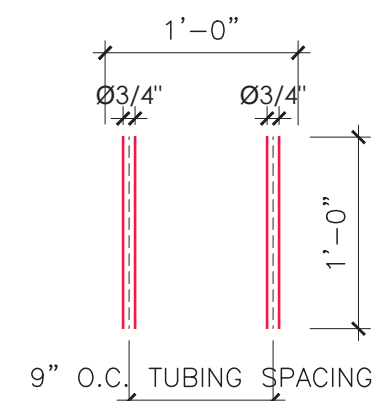
- HYDRONIC SNOW MELT SYSTEM:
- 3/4" WATTS ONIX SNOW MELT TUBING OR EQUAL 9" O.C.
  - SNOW MELT SYSTEM IS A 40% PROPYLENE GLYCOL SOLUTION (1) LOOP AT 9" O.C.
  - SIDEWALK LOOP LENGTH - 212 LINEAR FEET.

- EXISTING GRANITE CURB TO REMAIN
- EXISTING STREET LIGHT TO REMAIN
- EXISTING WATER VALVE TO REMAIN
- EXISTING GAS VALVE TO REMAIN



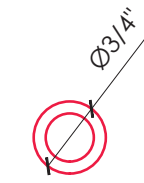
2 SNOW MELT PLAN  
DOT-3 1/4" = 1'-0"

- PROPERTY LINE
- 4" CONCRETE SIDEWALK W/ 6"x6" WIRE MESH REINFORCEMENT, SEE PLAN FOR TYPE & LOCATION.
- 6" STONE CURB ON CONCRETE GRADE TO MATCH EXISTING ADJACENT CURB INSTALLED PER DOT REQUIREMENTS
- EXPANSION JOINT PER DOT STANDARDS
- 3/4" SNOW MELT TUBING EMBEDDED INTO CONCRETE SIDEWALK & SECURED TO REINFORCE MESH.




5 SNOW MELT PLAN TUBING RUN PER SQ. FT.  
DOT-3 1" = 1'-0"

- NEW SIDEWALK CONCRETE TO MATCH "ORIGINAL" COLOR CONCRETE
- 3/4" SNOW MELT TUBING SECURED TO REINFORCE MESH.
- 6"x6" REINFORCEMENT MESH IN CONCRETE SLAB.
- CRUSHED STONE SUB-BASE
- EXISTING COMPACTED SUB-GRADE



6 SNOW MELT TUBING CROSS SECTION  
DOT-3 6" = 1'-0"

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