



**SECTION VIEW
ROOF DRAINAGE SYSTEM**

- REAR ROOF SIZING CALCULATIONS BASED ON SOIL TYPES FROM:
- NORFOLK COUNTY SOIL SURVEY - CANTON FINE SANDY LOAM
 - SOIL TYPE SAND AND GRAVEL
 - USE RAWLS RATE OF 8.27 IN / HR
 - USE 100 YR STORM EVENT
 - PROPOSED REAR HOUSE ROOF AREA - 570 SQ. FT.

PROPOSED LOT COVERAGE - 16.2% WITH EXISTING HOUSE, EXISTING DRIVEWAY, FRONT WALKWAY, POOL, CONCE PADS, AND PROPOSED PERGOLA.

PROPOSED ROOF RECHARGE SYSTEM FOR THE REAR HOUSE ROOF - 570 SQ. FT. NET LOT COVERAGE - 15%

I HEREBY CERTIFY THAT THE LOT SHOWN IS IN ZONE C COMMUNITY PANEL 25021C0309E DATED JULY 17, 2012

ZONING: SF-III
AREA: 30,000
FRONTAGE: 125'
SETBACKS:
F- 40'
S- 25'
R- 30'

THE LOT SHOWN IS IN A ZONE II WATERSHED PROTECTION DISTRICT. LOT COVERAGE - 15%

TOTAL AREA 49,374 SF
TOTAL IMPERVIOUS AREA 7,980 SF
IMPERVIOUS COVERAGE 16.2 %



Andrew C. Murphy
9/18/24

ANDREW C. MURPHY P.L.S. #35042

SCALE: 1" = 40'

DATE: SEPTEMBER 17, 2024

OWNER: TIMOTHY AND HOLLY FIRESTONE
279 PLEASANT ST.
FRANKLIN, MA



Carlos A. Quintal
9/18/24

CARLOS A. QUINTAL P.E. #30812

PROPOSED PERGOLA PLAN
279 PLEASANT STREET
FRANKLIN, MA

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