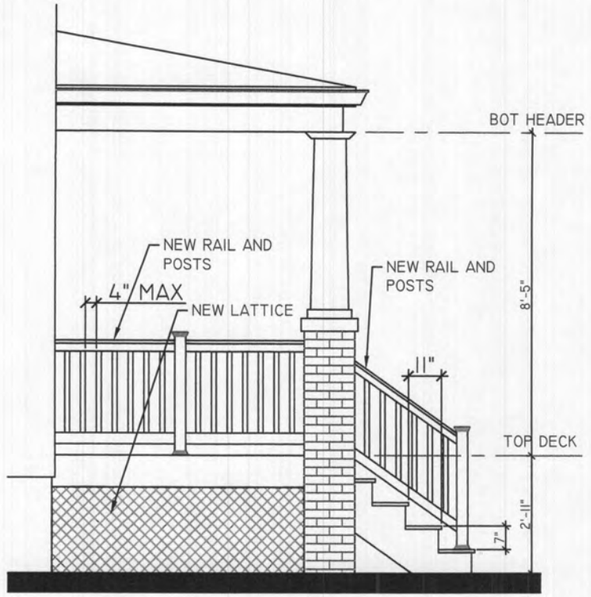
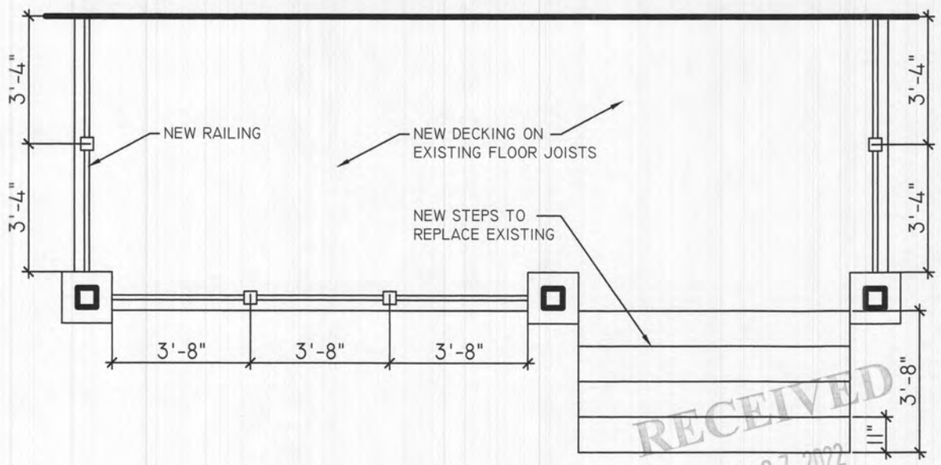


2 A006 LEFT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

3 A006 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



1 A006 FRONT PORCH PLAN
SCALE: 1/4" = 1'-0"

STATE OF MARYLAND
BRUCE D. AREY
49281
PROFESSIONAL ENGINEER
2/4/22

RECEIVED
FEB 07 2022
LICENSES & PERMITS DIVISION

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
PROPOSED NEW FRONT PORCH

SCALE	DATE
AS NOTED	06/30/21
	MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A006

1 / A007 FRONT ELEVATION
SCALE: 1/4" = 1'-0"

STATE OF MARYLAND
BRUCE D. AREY
49281
PROFESSIONAL ENGINEER
2/4/22

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LICENSES & PERMITS
DIVISION

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
FRONT ELEVATION

SCALE
AS NOTED

DATE
06/30/21

MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A007

1 A008 RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

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CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

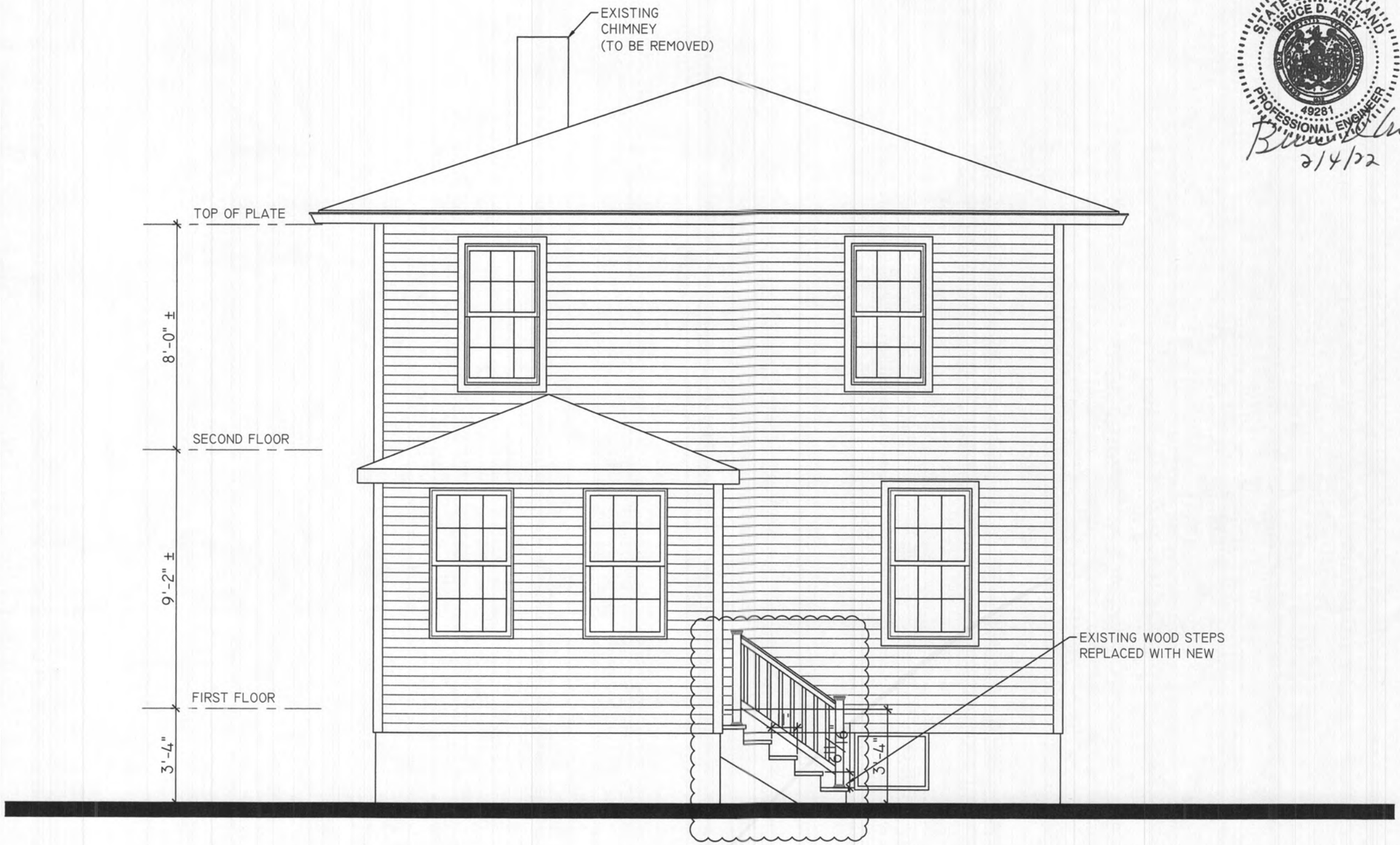
PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
RIGHT SIDE ELEVATION

SCALE	DATE
AS NOTED	06/30/21
	MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A008



1 / A009 REAR ELEVATION
SCALE: 1/4" = 1'-0"

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2/4/22

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DIVISION

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
REAR ELEVATION

SCALE	DATE
AS NOTED	06/30/21
	MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A009

1 / A010 LEFT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

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BRUCE D. AREY
49281
PROFESSIONAL ENGINEER
2/4/22

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FEB 07 2022
LICENSES & PERMITS DIVISION

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

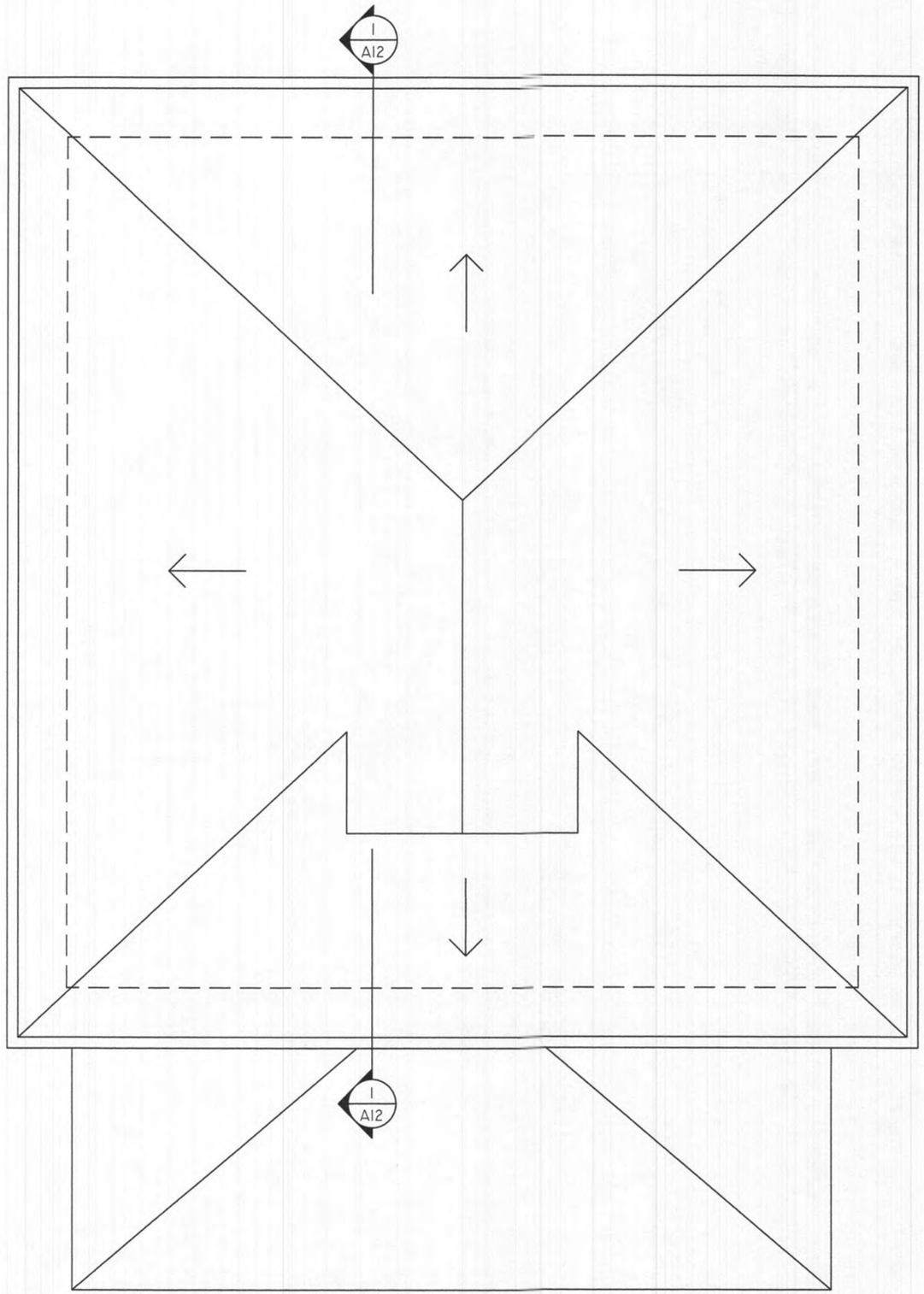
PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
LEFT SIDE ELEVATION

SCALE	DATE
AS NOTED	06/30/21
	MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A010



1 A011 EXISTING ROOF PLAN
SCALE: 1/4" = 1'-0"

STATE OF MARYLAND
BRUCE D. AREY
49281
PROFESSIONAL ENGINEER
2/4/22

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FEB 07 2022
LICENSES & PERMITS DIVISION

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
EXISTING ROOF PLAN

SCALE
AS NOTED

DATE
06/30/21

MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
A011

NOTES

1. LOAD CRITERIA FOR DESIGN FOR REPLACEMENT OF EXISTING PIER IS:
   A. TRIBUTARY DEAD LOAD OF EXISTING AND PROPOSED STRUCTURE
   B. TRIBUTARY LIVE LOAD OF 50 PSF AND A CONCENTRATED LOAD OF 2,000 LBS
   C. GROUND SNOW LOAD OF 40 PSF USED TO DETERMINE THE TRIBUTARY DESIGN SNOW LOAD
   D. BASIC WIND SPEED OF 100 MPH USED TO DETERMINE THE TRIBUTARY DESIGN WIND LOAD

2. JACK UP AND SUPPORT EXISTING STRUCTURE ADJACENT TO EXISTING CONCRETE PIER TO BE REMOVED. THE JACK SHALL LIFT THE EXISTING STRUCTURE OFF OF THE EXISTING PIER APPROX 1/2" AND THEN BE LOCKED IN PLACE.

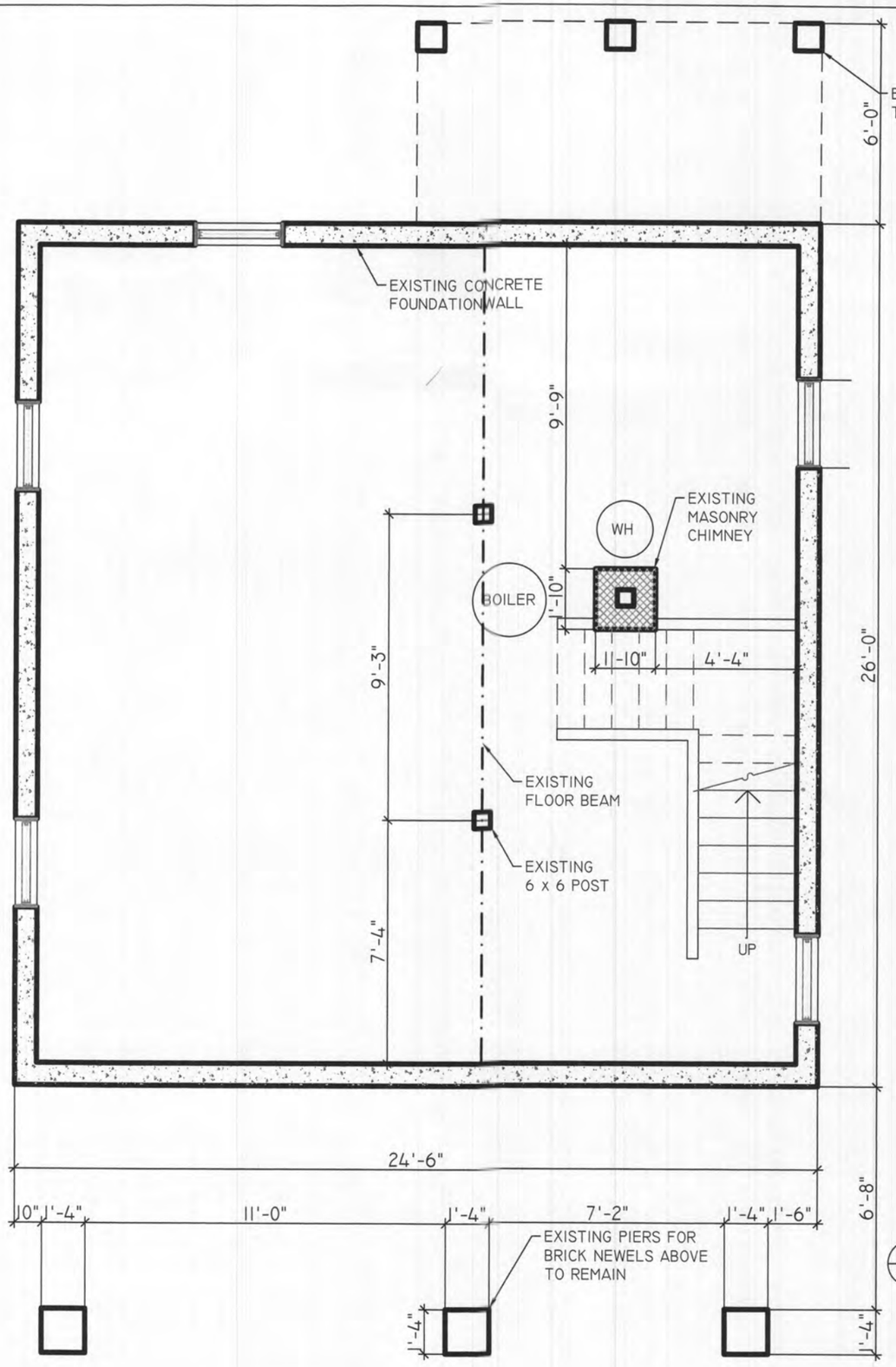
3. EXCAVATE AROUND THE EXISTING PIER TO THE TOP OF EXISTING FOOTING. REMOVE THE PIER AND CUT AND REMOVE EXISTING REINFORCING STEEL DOWELS THAT CONNECT THE PIER TO THE FOOTING. THE FOOTING SHALL REMAIN IN PLACE.

4. INSTALL A NEW 6 X 6 PRESSURE TREATED TIMBER POST AT LOCATION OF EXISTING PIER. THE TIMBER POST SHALL BE SOUTHERN YELLOW PINE NO. 1, USE CATEGORY UC4B AND PRESSURE TREATED WITH 0.31 PCF CA-C. THE TOP OF THE NEW POST SHALL BE THE SAME HEIGHT AS THE EXISTING CONCRETE PIER.

5. THE BASE OF THE POST SHALL BE CONNECTED TO THE EXISTING FOOTING WITH A SIMPSON STRONG-TIE ABU66Z POST BASE WITH ZMAX FINISH. THE POST SHALL BE FASTENED TO THE POST BASE WITH STRONG-DRIVE TIMBER HEX HDG SCREWS, HOT DIPPED GALV IN ACCORDANCE WITH ASTM A153 CLASS C. THE POST BASE SHALL BE FASTENED TO THE EXISTING FOOTING WITH 2-5/8" DIA HILTI HAS-E-55 HDG HOT DIPPED GALV ANCHOR RODS WITH 5" EMBEDMENT IN EXISTING FOOTING AND GROUTED WITH HVU2 ADHESIVE CAPSULE.

6. REMOVE EXISTING SIDING TO EXPOSE PORCH FRAMING AT LOCATION OF POST TO BE REPLACED. REMOVE JACKING LOADS SO THAT PORCH FRAMING IS SUPPORTED ON THE NEW POST. CONNECT THE TOP OF THE POST TO THE EXISTING PORCH FRAMING WITH A SIMPSON STRONG-TIE POST CAP LCE4 WITH ZMAX FINISH AND MITERED POST INSTALLATION CONFIGURATION. THE POST SHALL BE FASTENED TO THE POST CAP WITH STRONG-DRIVE TIMBER HEX HDG SCREWS, HOT DIPPED GALV IN ACCORDANCE WITH ASTM A153 CLASS C.

7. BACKFILL AND COMPACT SOIL AROUND NEW POST AND REPLACE SIDING PREVIOUSLY REMOVED.



EXISTING BASEMENT WALLS
TO BE DEMOLISHED
EXISTING INTERIOR WALLS

STATE OF MARYLAND
BRUCE D. AREY
49281
PROFESSIONAL ENGINEER
2/4/22

RECEIVED
FEB 07 2022
LICENSES & PERMITS DIVISION

1 S001 EXISTING BASEMENT PLAN (REMAINS UNCHANGED)
SCALE: 1/4" = 1'-0"

CONTRACTOR
PERWAZ AULAKH
13805 VANDERBILT WAY, LAUREL MD 20707
301-332-2800

PROJECT:
TWO STORY HOUSE REFURBISHING
10140 WASHINGTON BLVD NORTH, LAUREL, MD 20723

SHEET TITLE:
EXISTING BASEMENT PLAN

SCALE
AS NOTED

DATE
06/30/21

MODIFIED

DRAWN BY
HAYTHAM YOUNIS
18228 FIFESHIRE DRIVE
MONTGOMERY VILLAGE, MD 20886
Tel. (240) 899 - 2165

SHEET NO.
S001