

SINGH RESIDENCE 11380 FREDERICK RD ELLICOTT CITY, MD 21042 RENOVATION AND ADDITION



SCOPE OF WORK:

- RENOVATION AND ADDITION TO EXISTING HOUSE WITH SECOND FLOOR ADDITION TO MAKE TWO STORY HOUSE WITH 6 BEDROOMS, 5.5 BATH, WALK OUT BASEMENT.
- EXISTING BASEMENT REMAIN AS IT IS WITH EXISTING FIRST FLOOR AND FIRST FLOOR WALLS EXCEPT FRONT WALL (EAST).
- ALL WORK SHALL BE IN ACCORDANCE WITH IRC 2021 AND HOWARD COUNTY CODE REQUIREMENTS.

EXISTING RANCH HOUSE

EXISTING HOUSE BASEMENT AND FIRST FLOOR REMAIN AS IT WITH EXISTING FIRST FLOOR WALLS AS PER FIRST FLOOR PLAN. ONLY FRONT WALL (EAST WALL) SHALL BE REMOVED FOR RENOVATION. MORE THAN 50 % OF EXISTING WALLS REMAIN AS IT IS. FIRST FLOOR SHALL REMAIN AS IT IS.

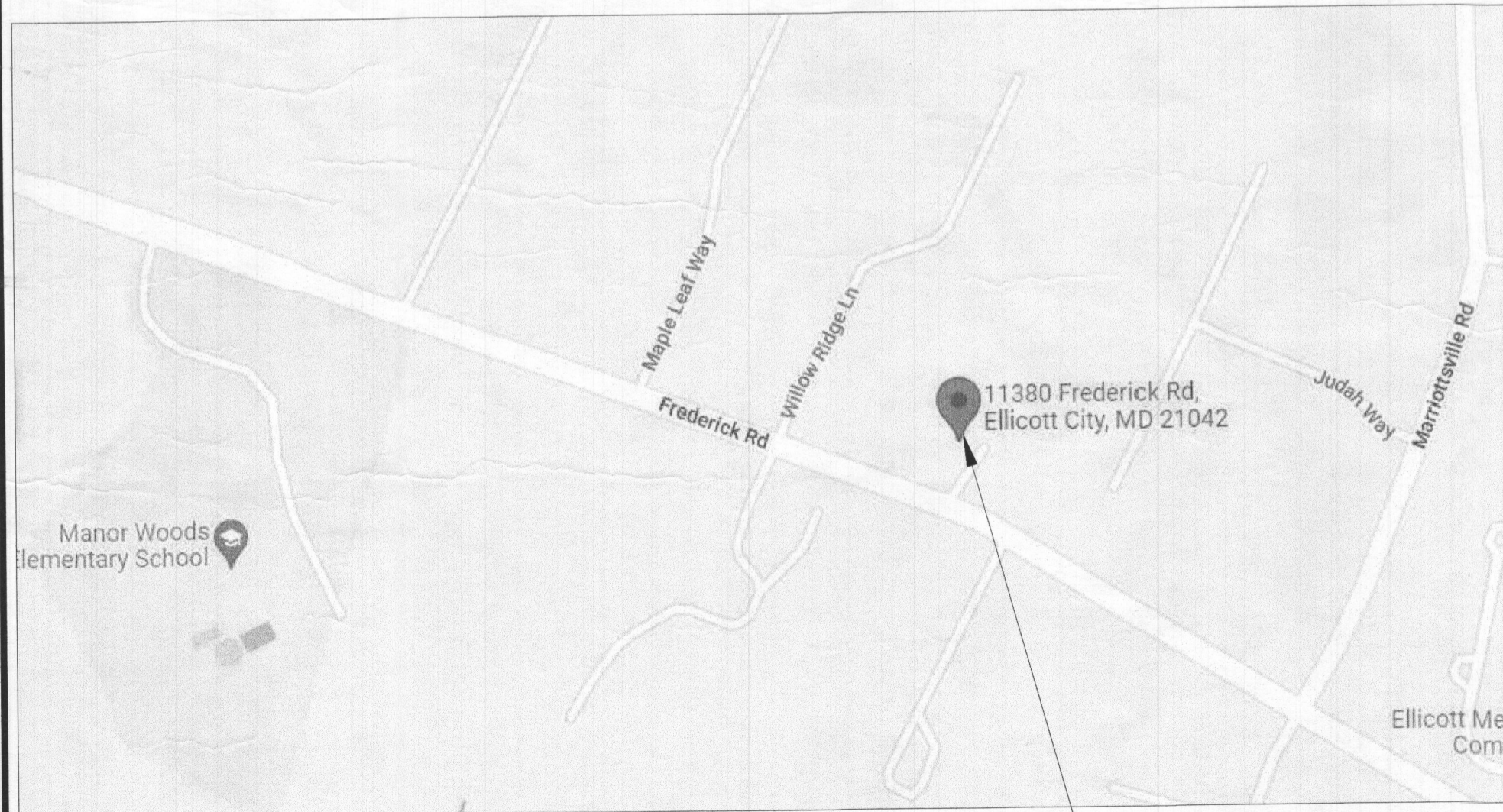
BUILDING SUMMARY:
 BASEMENT FLOOR AREA = 2961 SF
 FIRST FLOOR AREA = 3089 SF
 SECOND FLOOR AREA = 2750 SF
 TOTAL FLOOR AREA = 8800 SF

SPRINKLER REQUIREMENT

THE HOUSE WILL BE CONSTRUCTED WITH AUTOMATIC SPRINKLER SYSTEMS THAT COMPLY WITH HOWARD COUNTY BUILDING CODE. SPRINKLER CONTRACTOR TO OBTAIN SPRINKLER PERMIT SEPARATELY.

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FIRST FLOOR PLAN
 NOT TO SCALE
 11380 FREDERICK ROAD

PROJECT	SINGH RESIDENCE 11380 FREDERICK RD ELLICOTT CITY, MD 21042
ARCHITECTS ARENCO LLC	6000 WILLOW CREEK CT LAUREL, MD 20703 TEL: (443) 413-1300 FAX: (443) 974-6418
PROJECT TITLE	RENOVATION AND ADDITION 11380 FREDERICK RD ELLICOTT CITY, MD 21042
SHEET TITLE	COVER SHEET
DISCLAIMER	I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AS A PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 2023-01 EXPIRATION DATE 04/24/2028
PROJECT NUMBER	2023-01
DRAWN BY	SP
APPROVED BY	PP
DATE	05-01-23
ORIGINAL SHEET SIZE	36x24 SHOULD MEASURE 1"
SCALE	AS SHOWN
DRAWING	G1

WALL SYMBOLS

TYPE	DESCRIPTION
	EXISTING BRICK WALL
	NEW CMU WALL
	NEW INTERIOR PARTITION WALL
	FIRE BARRIER - 1 HR RATED WALL

STAIR:
RISER = 7.75" MAXIMUM
TREAD = 11"



HARDWIRED AND INTERCONNECTED SMOKE ALARM



HARDWIRED AND INTERCONNECTED CARBON MONOXIDE ALARM -UL 2034

NOTES:

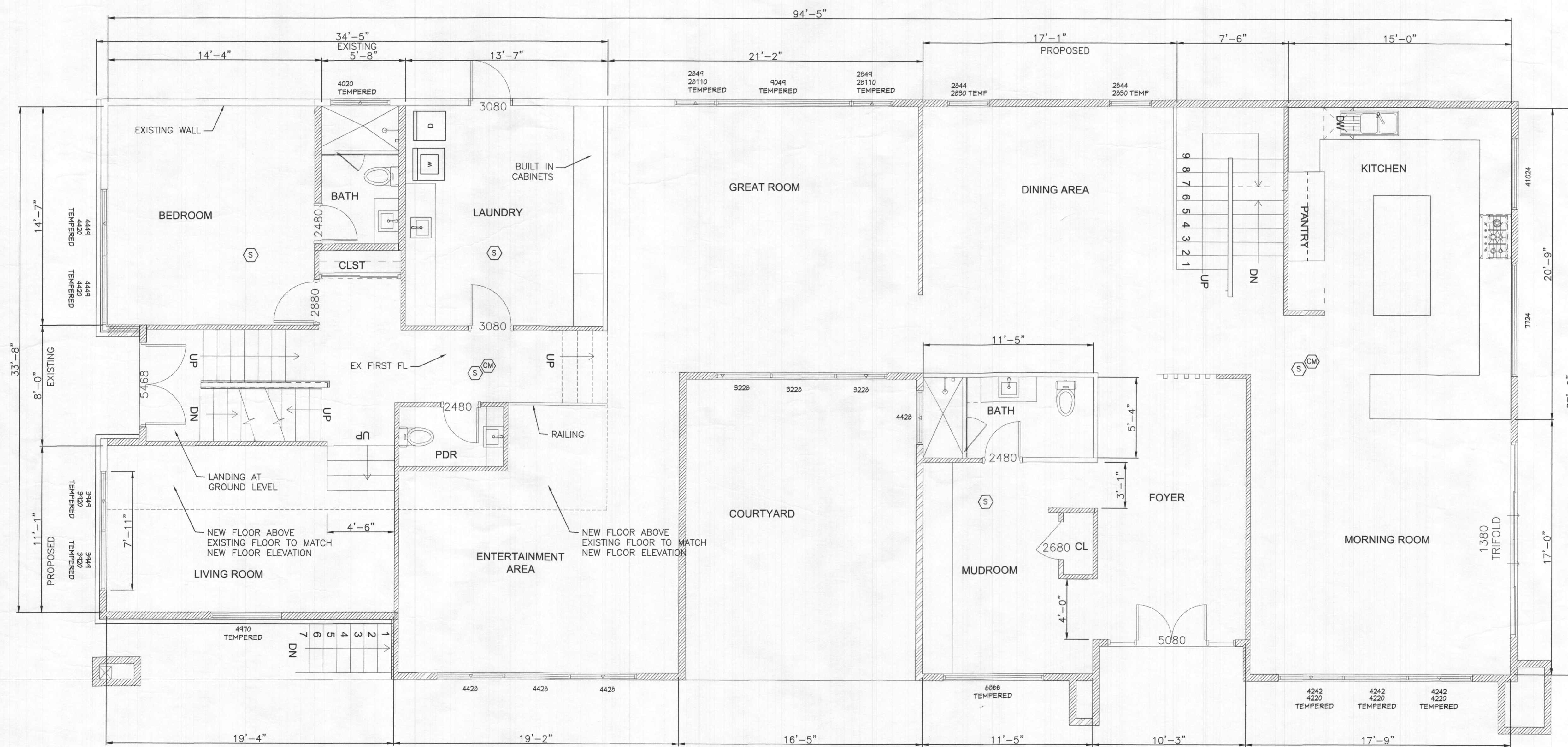
- FOR GENERAL NOTES SEE DRAWING A1.
- NEW INTERIOR PARTITION WALLS SHALL BE 2X4 STUDS @ 16" O/C WITH 5/8" GB ON EACH FACE.
- ALL NEW EXTERIOR WALLS SHALL BE 2X6 STUDS @ 16" O/C WITH 5/8" GB ON INSIDE FACE AND 3/8" SHEATHING BROAD, MOISTURE BARRIER WITH SIDING ON EXTERIOR FACE

NEW DOORS SCHEDULE:

MARK	WIDTH	HEIGHT	NOTES	HEADER
2480	2'-4"	8'-0"	-	2-2X10
2880	2'-8"	8'-0"	-	2-2X10
3080	3'-0"	8'-0"	-	2-2X10
5080	5'-0"	8'-0"	-	2-2X12
5480	5'-4"	8'-0"	-	2-2X12
1380	13'-0"	8'-0"	TRIFOLD	LVL
7780	7'-7"	8'-0"	-	LVL
5580	5'-5"	8'-0"	-	2-2X12
8080	8'-0"	8'-0"	-	LVL

NEW WINDOW SCHEDULE:

MARK	WIDTH	HEIGHT	NOTES
2844	2'-8"	4'-4"	-
2830	2'-8"	3'-0"	-
2849	2'-8"	4'-9"	-
28110	2'-8"	4'-0"	-
9049	9'-0"	4'-9"	-
4020	4'-0"	2'-0"	-
4449	4'-4"	4'-9"	-
4420	4'-4"	2'-0"	-
3949	3'-9"	4'-9"	-
3920	3'-9"	2'-0"	-
4970	4'-9"	7'-0"	-
4428	4'-4"	2'-8"	-
6866	6'-8"	6'-6"	-
4242	4'-2"	4'-2"	-
4220	4'-2"	2'-0"	-
4056	4'-0"	5'-6"	-
4020	4'-0"	2'-0"	-
41070	4'-10"	7'-0"	-
41048	4'-10"	4'-8"	-
41020	4'-10"	2'-0"	-
2849	2'-8"	4'-9"	-
6648	6'-6"	4'-8"	-
6624	6'-6"	2'-4"	-
4020	4'-0"	2'-0"	-
2424	2'-4"	2'-4"	-
3048	3'-0"	4'-8"	-
3020	3'-0"	2'-0"	-
3920	3'-9"	2'-0"	-
2638	2'-6"	3'-8"	-
2849	2'-8"	4'-9"	-
2820	2'-8"	2'-0"	-



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

PROJECT: SINGH RESIDENCE
11380 FREDERICK RD
ELLCOTT CITY, MD 21042

ARENCO LLC
ARCHITECTS
ENGINEERS
CONSTRUCTION MANAGERS
6807 DRACONUTLY CT
LAUREL, MD 20783
TEL: (840) 418 1386 . FAX: (849) 974 6418

PROJECT TITLE: RENOVATION AND ADDITION
PROJECT ADDRESS: 11380 FREDERICK RD
ELLCOTT CITY, MD 21042
SHEET TITLE: PROPOSED FIRST FLOOR PLAN

DISCLAIMER
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALIFIED LICENSED PROFESSIONAL ENGINEER UNDER THE BOARD OF PROFESSIONAL ENGINEERS, STATE OF MARYLAND, LICENSE NO. 20231

PROJECT NUMBER: 2023-01
DRAWN BY: SP
APPROVED BY: PP
DATE: 05-01-23
ORIGINAL SHEET SIZE: 36x24
SHOULD MEASURE 1":
SCALE: AS SHOWN
DRAWING: A3

WALL SYMBOLS

TYPE	DESCRIPTION
[Symbol]	EXISTING BRICK WALL
[Symbol]	NEW CMU WALL
[Symbol]	NEW INTERIOR PARTITION WALL
[Symbol]	FIRE BARRIER - 1 HR RATED WALL

STAIR:
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TREAD = 11"



HARDWIRED AND INTERCONNECTED SMOKE ALARM



HARDWIRED AND INTERCONNECTED CARBON MONOXIDE ALARM -UL 2034

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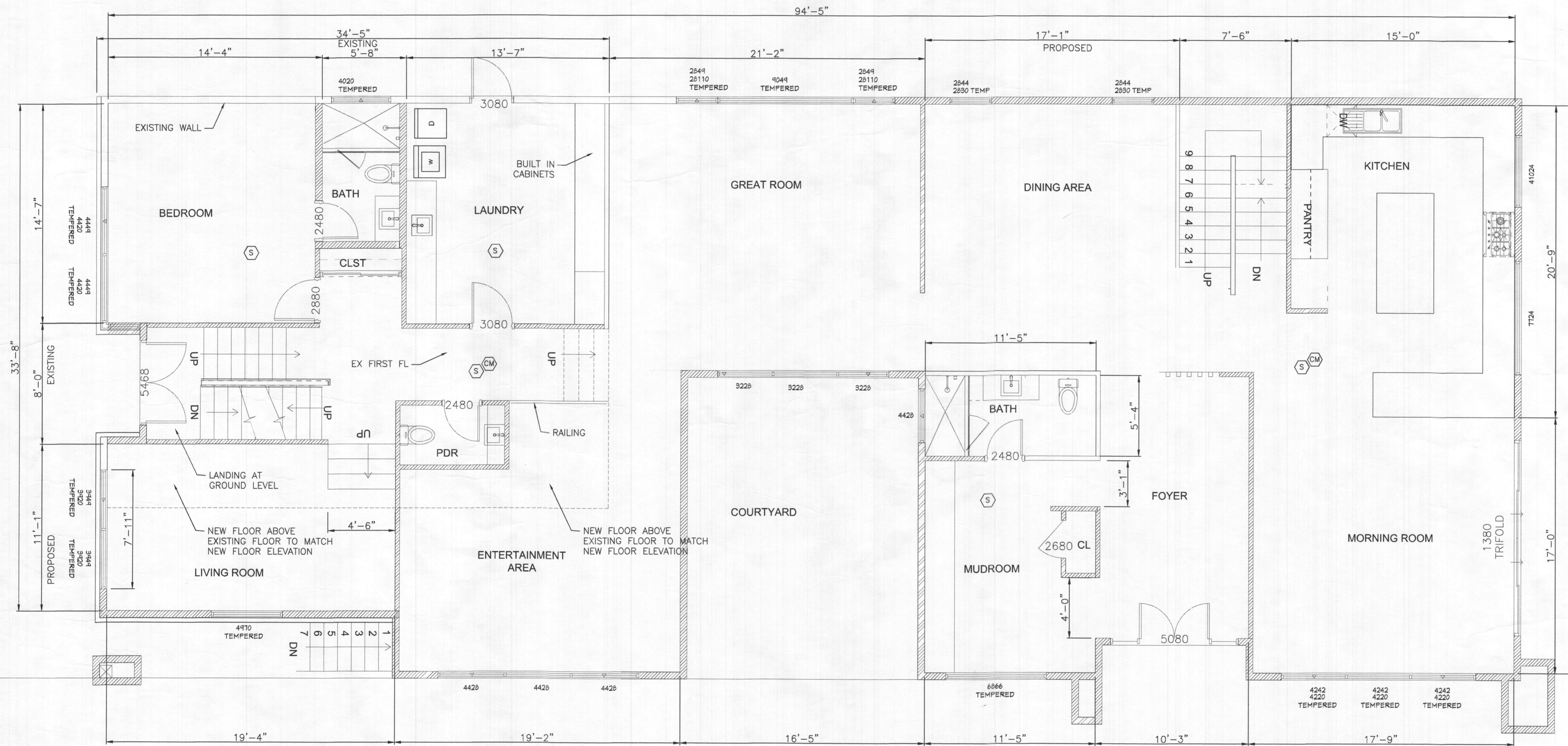
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FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

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LAUREL, MD 20783
TEL: (410) 418 1980 . FAX: (410) 974 6418

PROJECT TITLE
RENOVATION AND ADDITION
PROJECT ADDRESS
11380 FREDERICK RD
ELLCOTT CITY, MD 21042
SHEET TITLE
PROPOSED FIRST FLOOR PLAN

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PROJECT NUMBER
2023-01

DRAWN BY
SP

APPROVED BY
PP

DATE
05-01-23

ORIGINAL SHEET SIZE
30X24
SHOULD MEASURE 1":
[Scale bar]

SCALE
AS SHOWN

DRAWING

A3

WALL SYMBOLS

TYPE	DESCRIPTION
	EXISTING BRICK WALL
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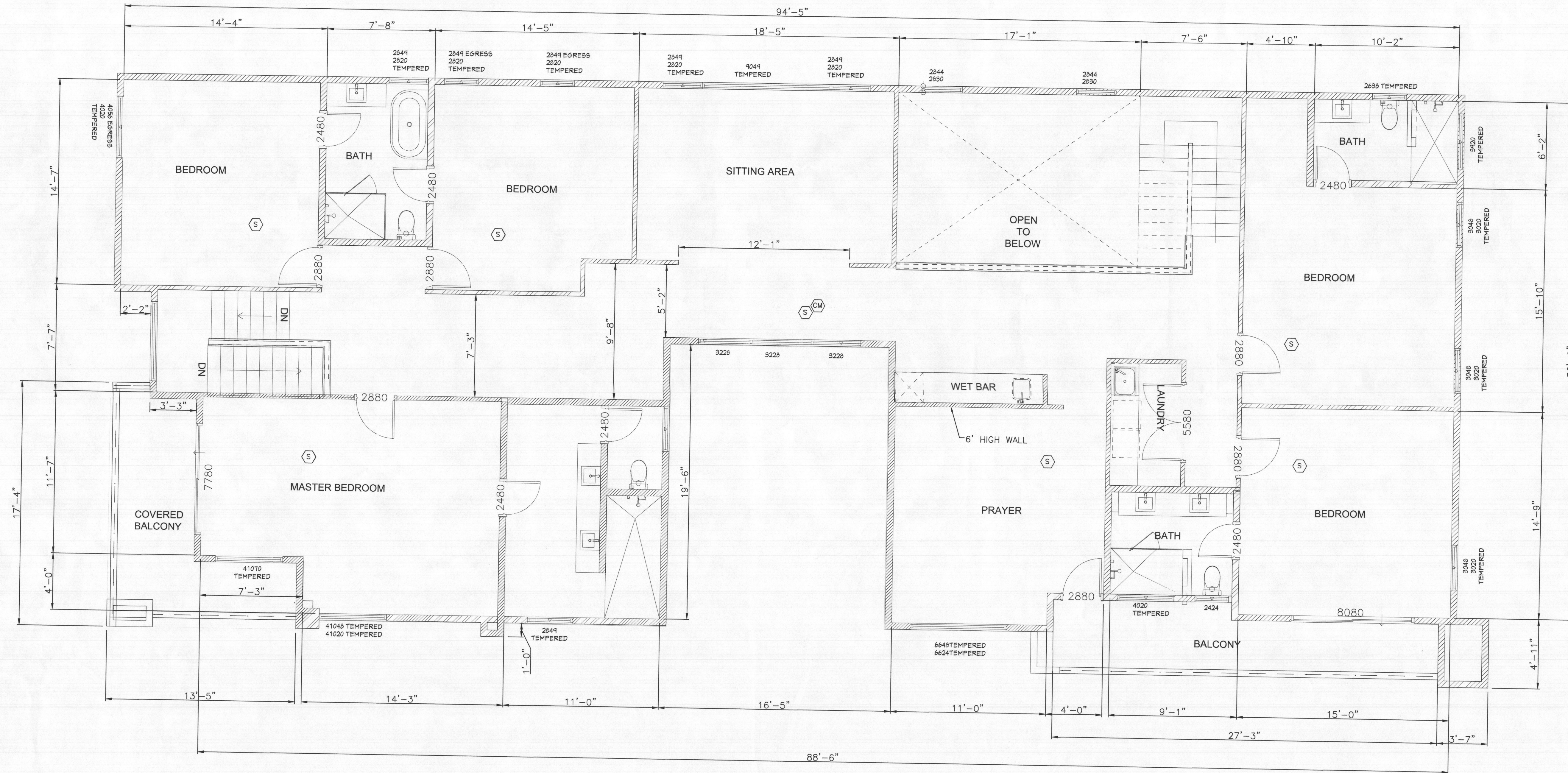
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SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

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ELLICOTT CITY, MD 21042

ARENCO LLC
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8807 DRAGONWY CT
LAUREL, MD 20723
TEL: (410) 418 1389 FAX (800) 374 4418

PROJECT TITLE: RENOVATION AND ADDITION TO 11380 FREDERICK RD
SHEET TITLE: SECOND FLOOR PLAN

DISCLAIMER
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 2023-01

PROJECT NUMBER: 2023-01
DRAWN BY: SP
APPROVED BY: PP
DATE: 05-01-23
ORIGINAL SHEET SIZE: 36X24 SHOULD MEASURE 1":
SCALE: AS SHOWN
DRAWING: A4