
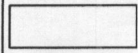


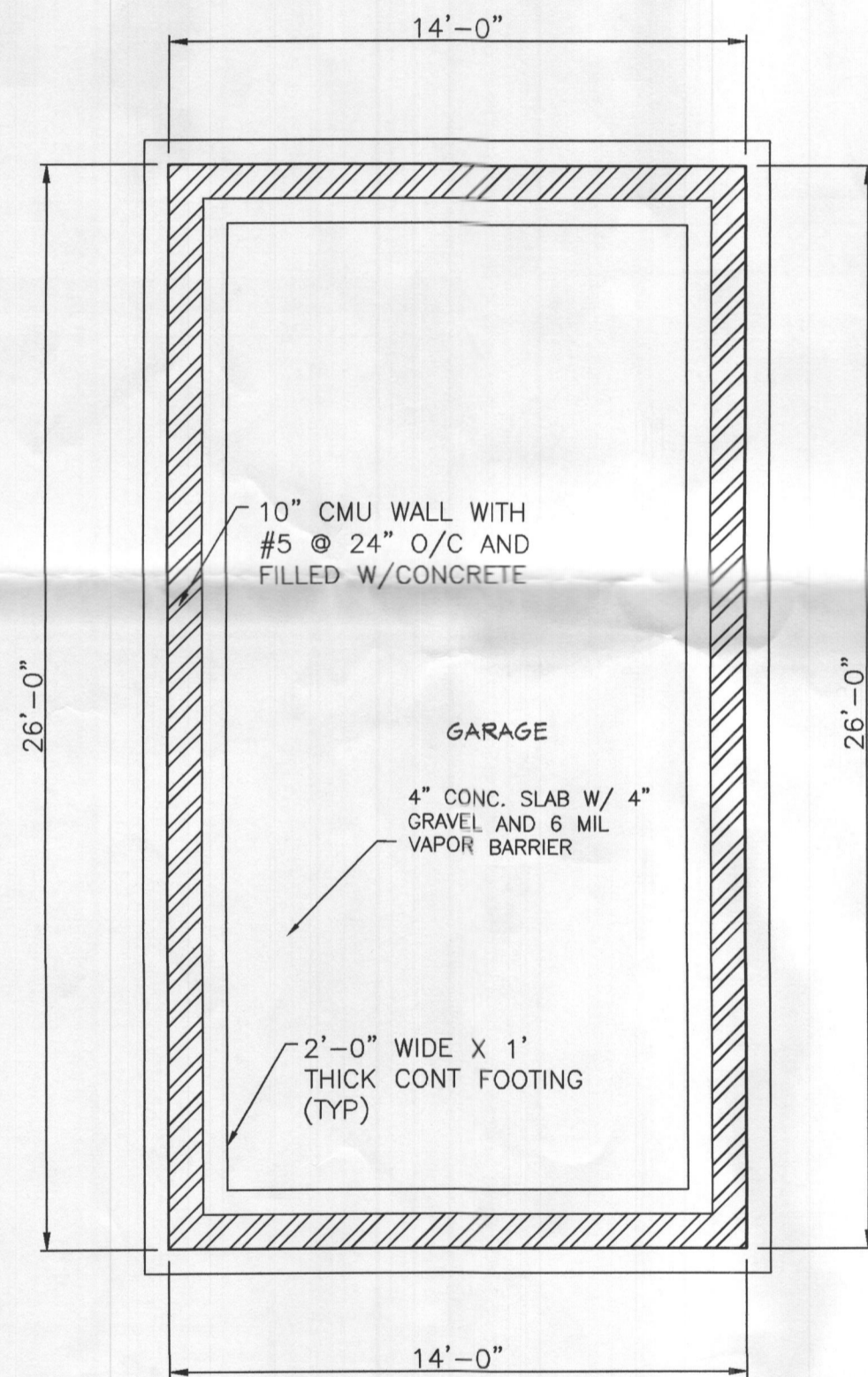


# WALL SYMBOLS

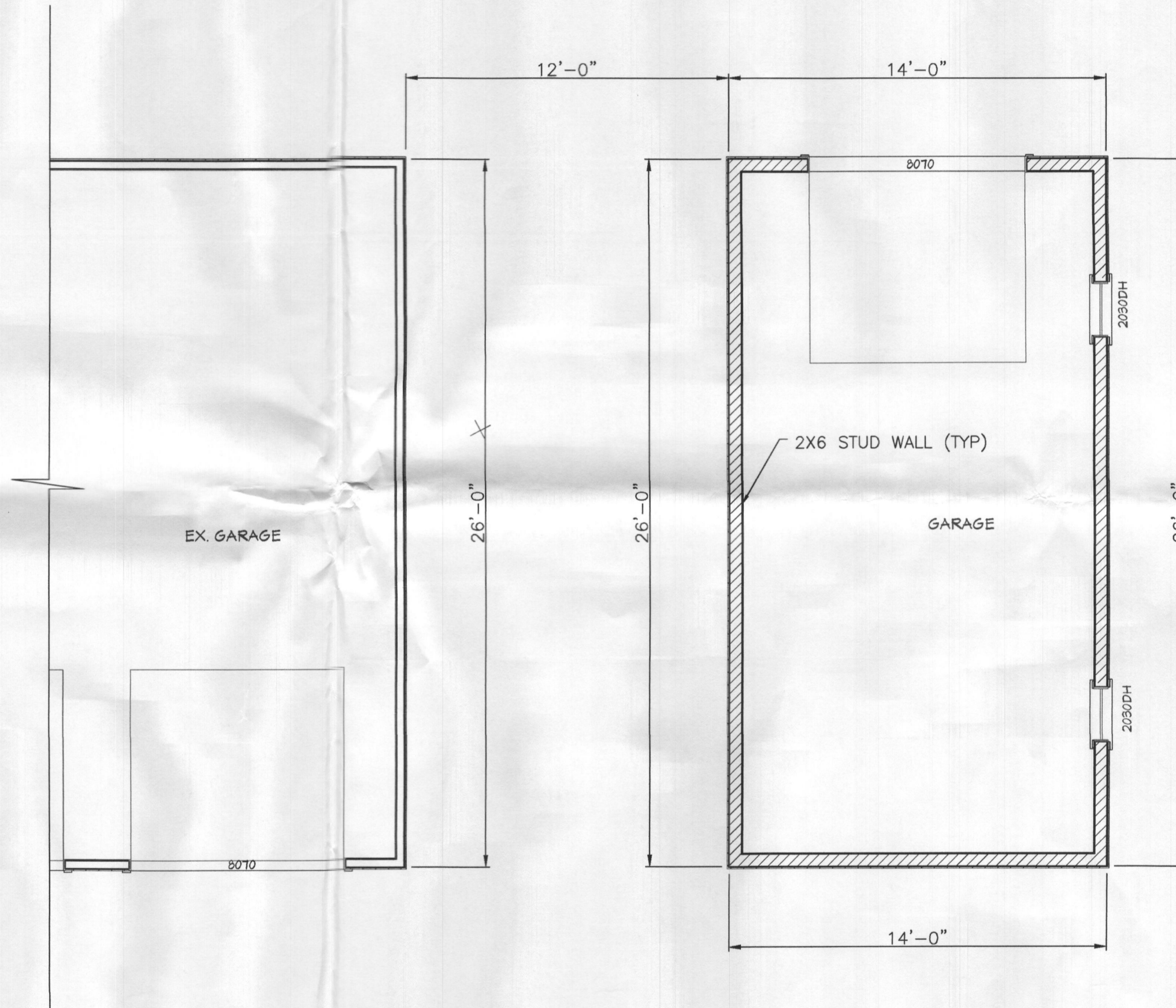
TYPE	DESCRIPTION
	EXISTING WALLS DEMOLITION
	EXISTING WALLS
	PROPOSED STUD WALL
	NEW CMU WALL


### NOTES:

- FOR GENERAL NOTES SEE DRAWING S-1 AND S-2.
- ALL NEW EXTERIOR STUD WALLS SHALL HAVE 2"x6" STUDS @ 16" O/C. WITH 5/8" DRY WALL INSIDE FACE AND 5/8" EXTERIOR SHEATHING BOARD ON EXTERIOR FACE.
- ALL NEW INTERIOR STUD WALLS SHALL BE 2"x4" STUDS @ 16" O/C. WITH 5/8" DRY WALL ON BOTH SIDES EXCEPT NOTES OTHERWISE.
- ALL WORK SHALL BE DONE ACCORDANCE WITH HOWARD COUNTY BUILDING CODE.



 **FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



 **GARAGE PLAN**  
SCALE: 1/4" = 1'-0"

**ARENCO LLC**

12430 HILL CREST  
FULTON, MD 20769  
ARCHITECTS  
ENGINEERS  
CONSTRUCTION MANAGERS  
TEL. (240) 418 1389, FAX (888) 374 5418

PROJECT TITLE  
**NEW DETACHED GARAGE**  
PROJECT ADDRESS  
**10764 FREDERICK RD  
ELLICOTT CITY, MD 21042**

SHEET TITLE  
**GARAGE PLAN**

DISCLAIMER  
PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 22671 EXPIRATION DATE: 06/24/2025



PROJECT NUMBER  
**R23-121**

DRAWN BY  
**SP**

APPROVED BY  
**PP**

DATE  
**06/01/23**


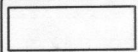


ORIGINAL SHEET SIZE  
36X24  
SHOULD MEASURE 1":

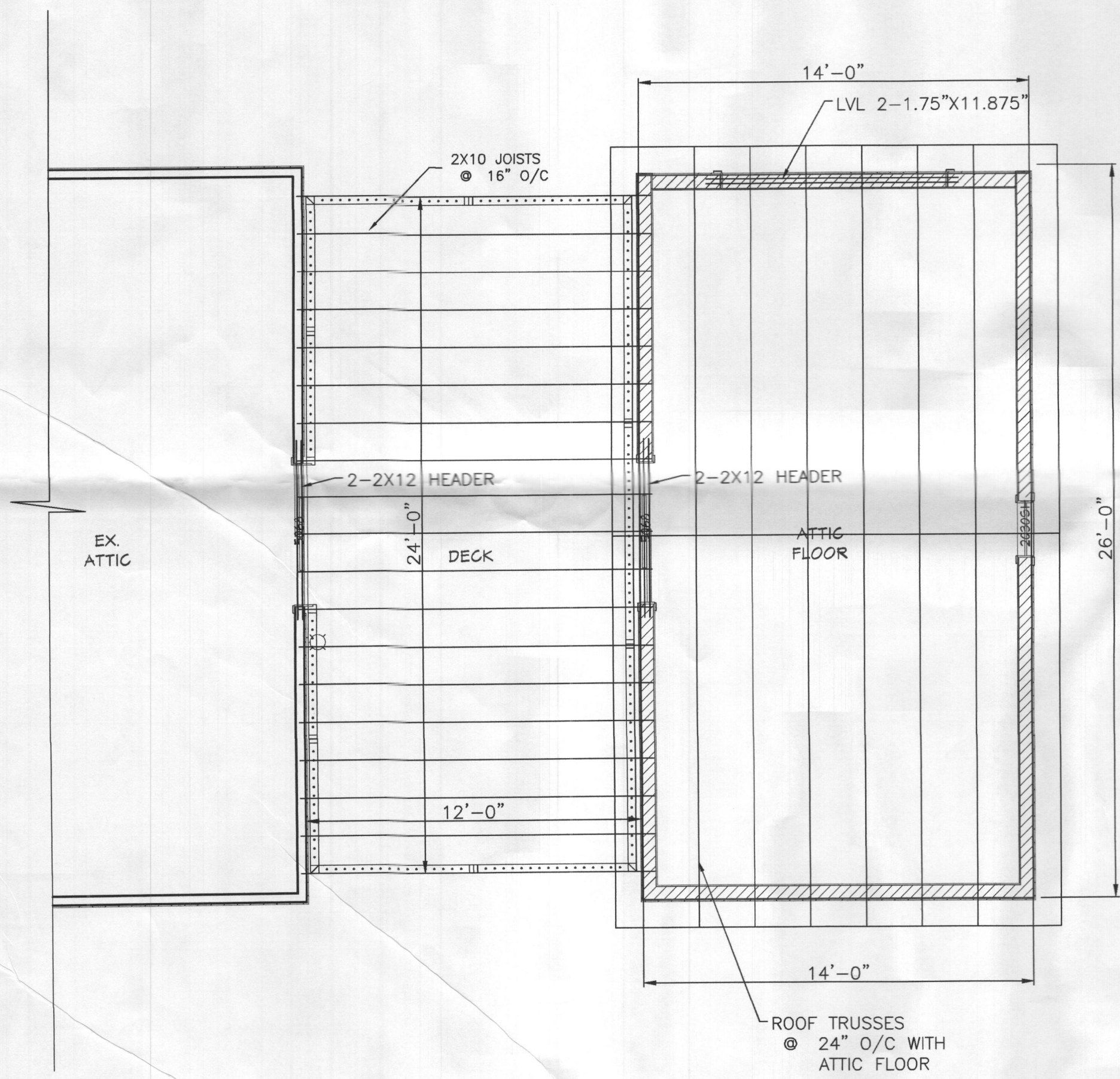
SCALE  
**AS SHOWN**

DRAWING

**S3**

# WALL SYMBOLS

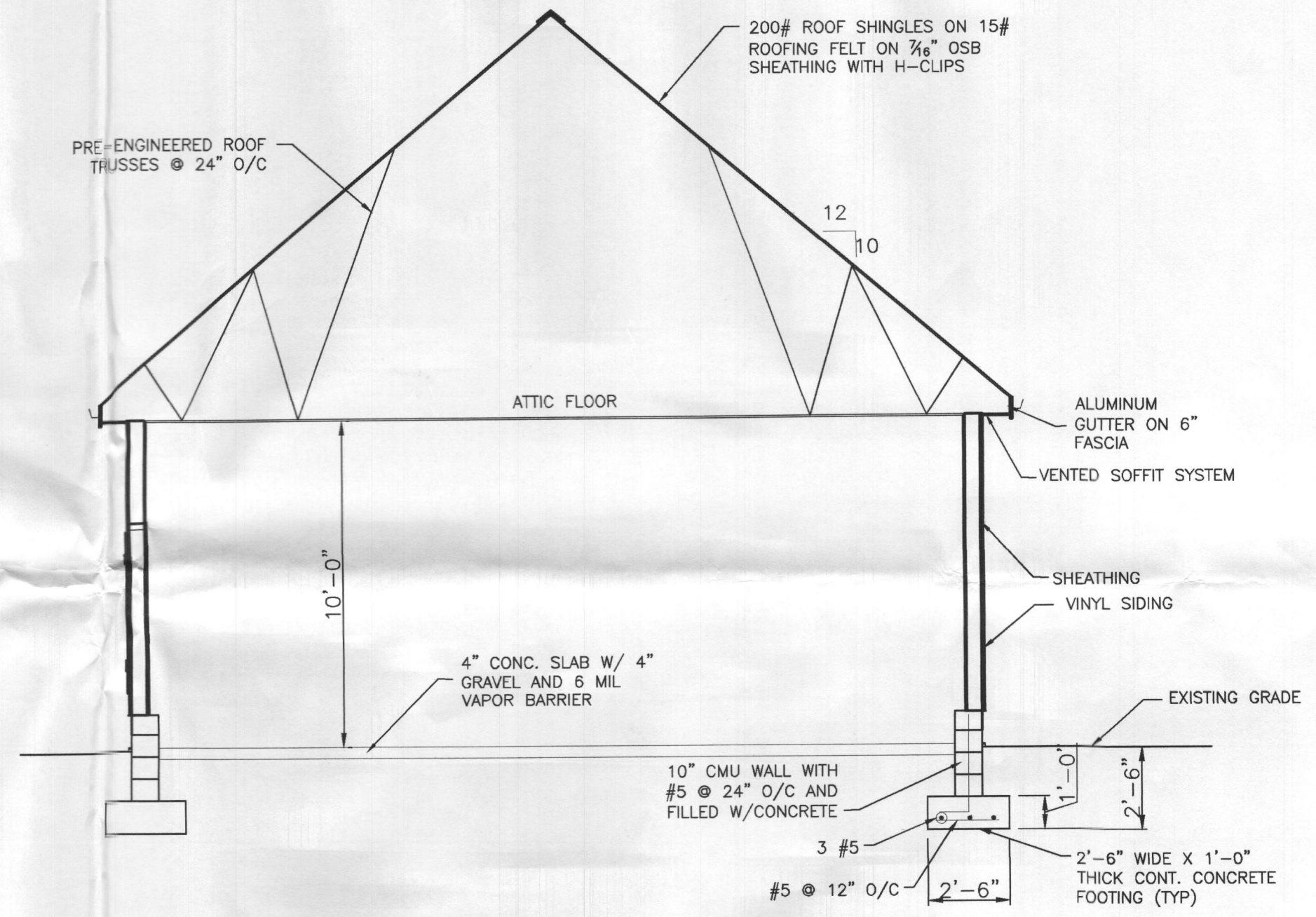
TYPE	DESCRIPTION
	EXISTING WALLS DEMOLITION
	EXISTING WALLS
	PROPOSED STUD WALL
	NEW CMU WALL



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

### NOTES:

- FOR GENERAL NOTES SEE DRAWING S-1 AND S-2.
- WOOD TRUSSES SHALL BE 2' O/C AND DESIGNED BY THE MANUFACTURER. DESIGN LOADS FOR THE ROOF TRUSSES SHALL BE AS PER IRC AND ON AS SHOWN S1.
- ALL ROOF TRUSSES SHALL BE ANCHORED WITH HURRICANE ANCHOR AT TOP OF THE WALL.
- BUILDING SHALL BE BRACED IN ACCORDANCE WITH CHAPTER 6 OF IRC 2015. BRACED WALL LINES SHALL BE AS SHOWN ON PLANS AND IN ACCORDANCE WITH IRC.
- BUILDING BRACING SHALL BE CS-WSP - CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL.
- A MINIMUM 24" WIDE PANEL FOR CS-WSP IS APPLIED TO EACH SIDE OF THE BUILDING CORNER AS SHOWN ON PLANS.
- THE END OF EACH BRACED WALL PANEL CLOSEST TO THE BRACED WALL LINE SHALL HAVE AN 1800 LB HOLD-DOWN DEVICE FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION BELOW.



**SECTION**  
SCALE: 1/4" = 1'-0"

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12430 HILL CREST  
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PROJECT TITLE  
**NEW DETACHED GARAGE**  
PROJECT ADDRESS  
**10764 FREDERICK RD  
ELLCOTT CITY, MD 21042**  
SHEET TITLE  
**ROOF PLAN AND SECTION**

**DISCLAIMER**  
PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM AN INDIVIDUALLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 23353, EXPIRES 04/24/2025

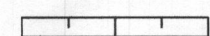


PROJECT NUMBER  
**R23-121**

DRAWN BY  
**SP**

APPROVED BY  
**PP**

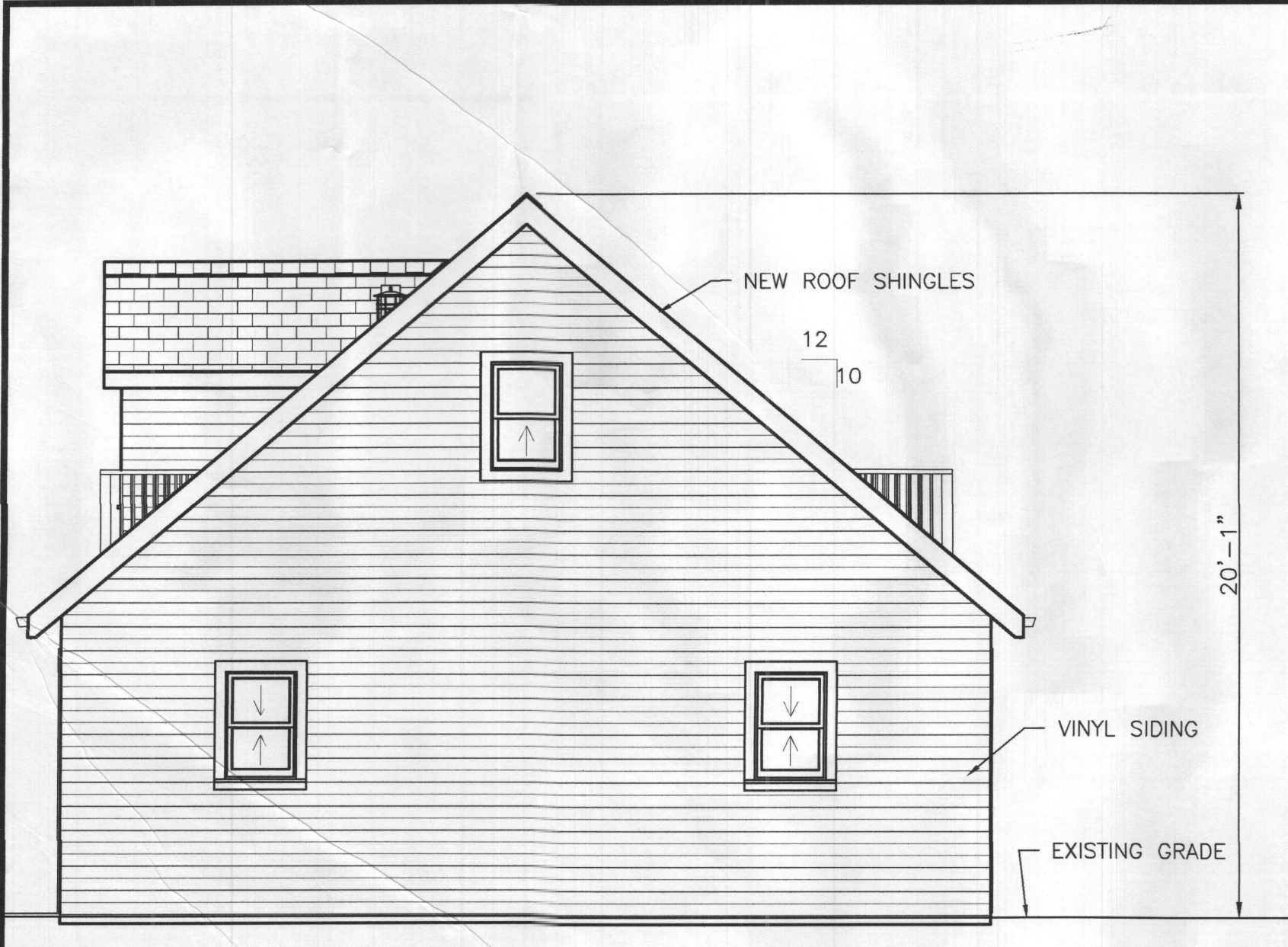
DATE  
**06/01/23**

ORIGINAL SHEET SIZE  
36X24  
SHOULD MEASURE 1":  


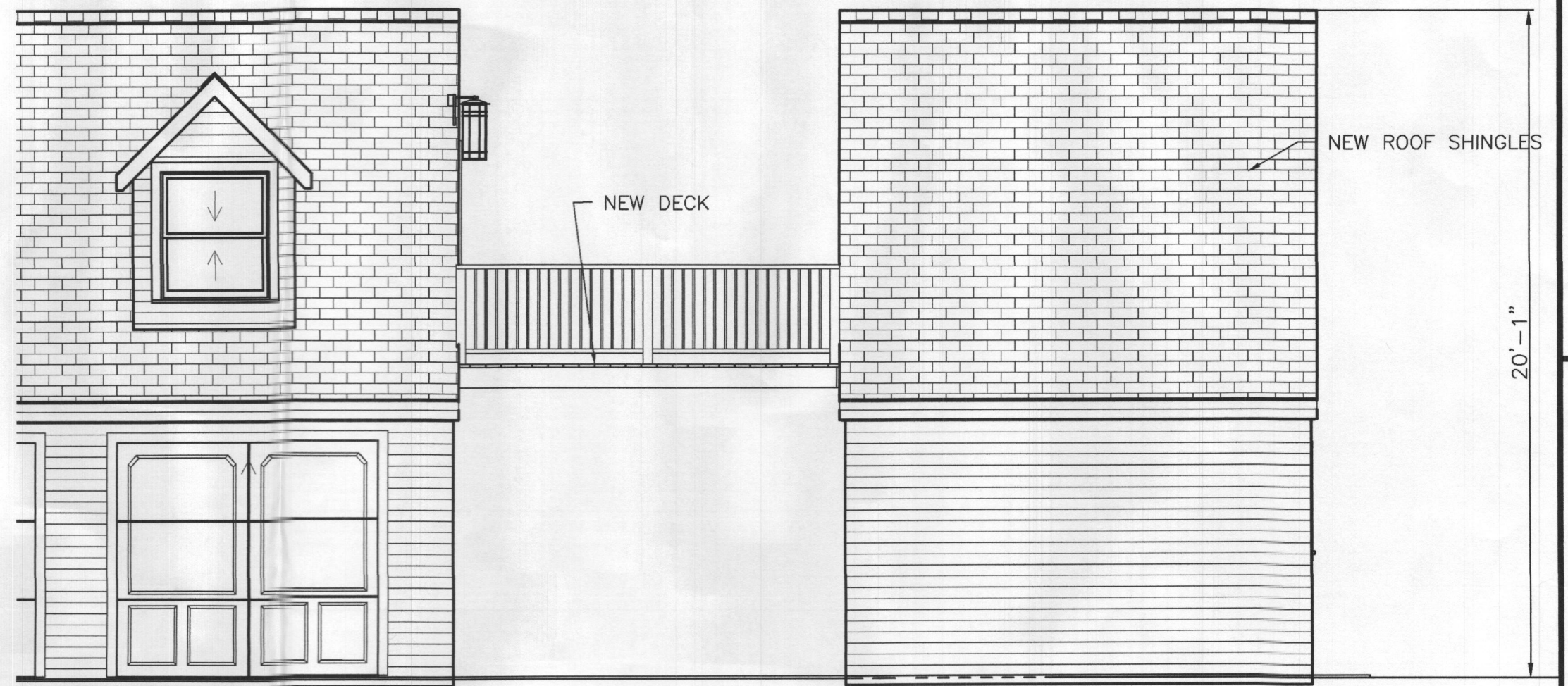
SCALE  
**AS SHOWN**

DRAWING

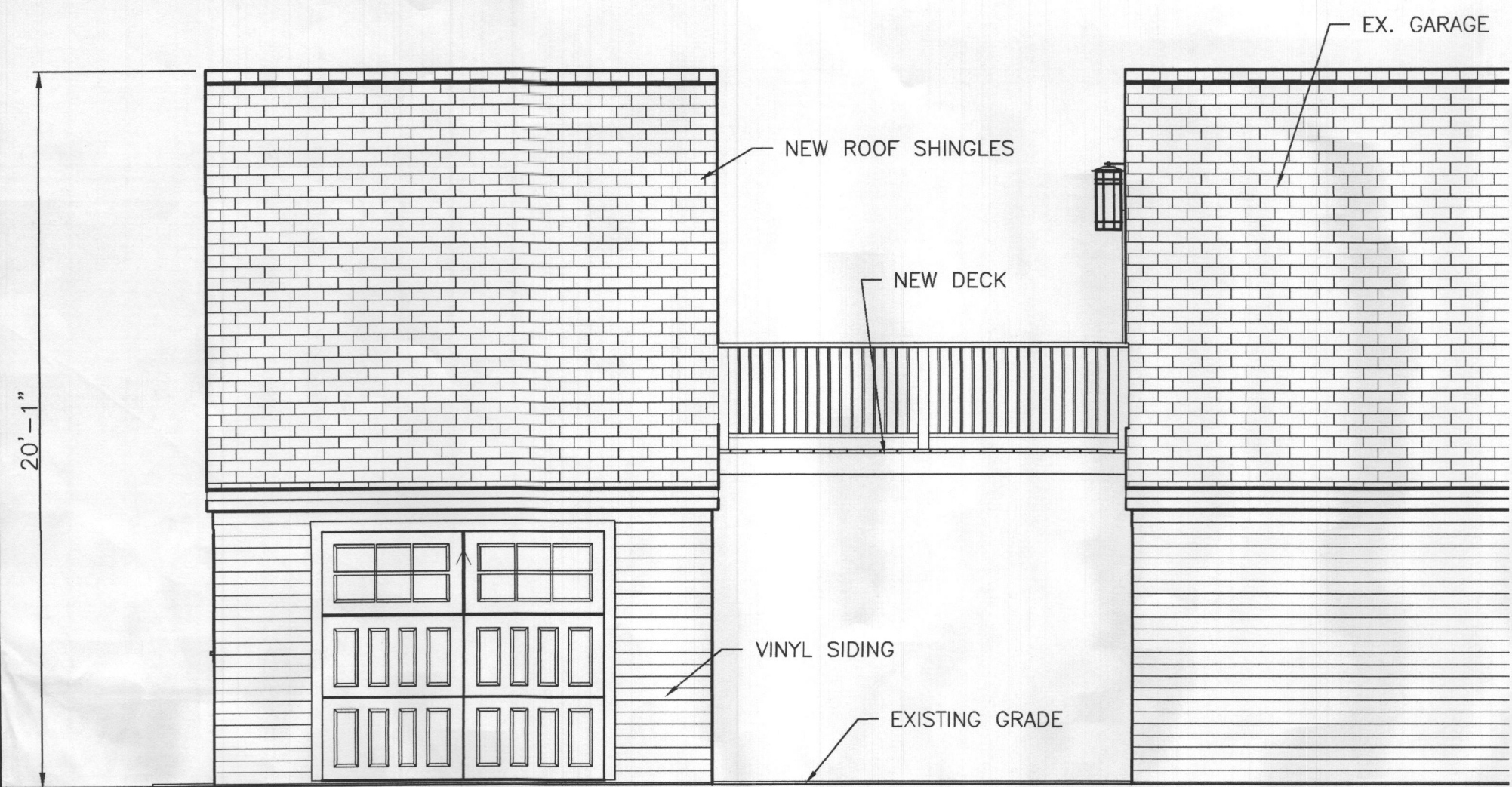
**S4**



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



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



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

**ARENCO LLC**  
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ENGINEERS  
CONSTRUCTION MANAGERS

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FULTON, MD 20769  
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PROJECT TITLE  
**NEW DETACHED GARAGE**  
PROJECT ADDRESS  
**10764 FREDERICK RD  
ELLICOTT CITY, MD 21042**

SHEET TITLE  
**ELEVATIONS**

**DISCLAIMER**  
PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE No. 23097 EXPIRATION DATE: 06/24/2023

PROJECT NUMBER  
**R23-121**

DRAWN BY  
**SP**

APPROVED BY  
**PP**

DATE  
**06/01/23**

ORIGINAL SHEET SIZE  
36X24  
SHOULD MEASURE 1":

SCALE  
**AS SHOWN**

DRAWING  
**S5**