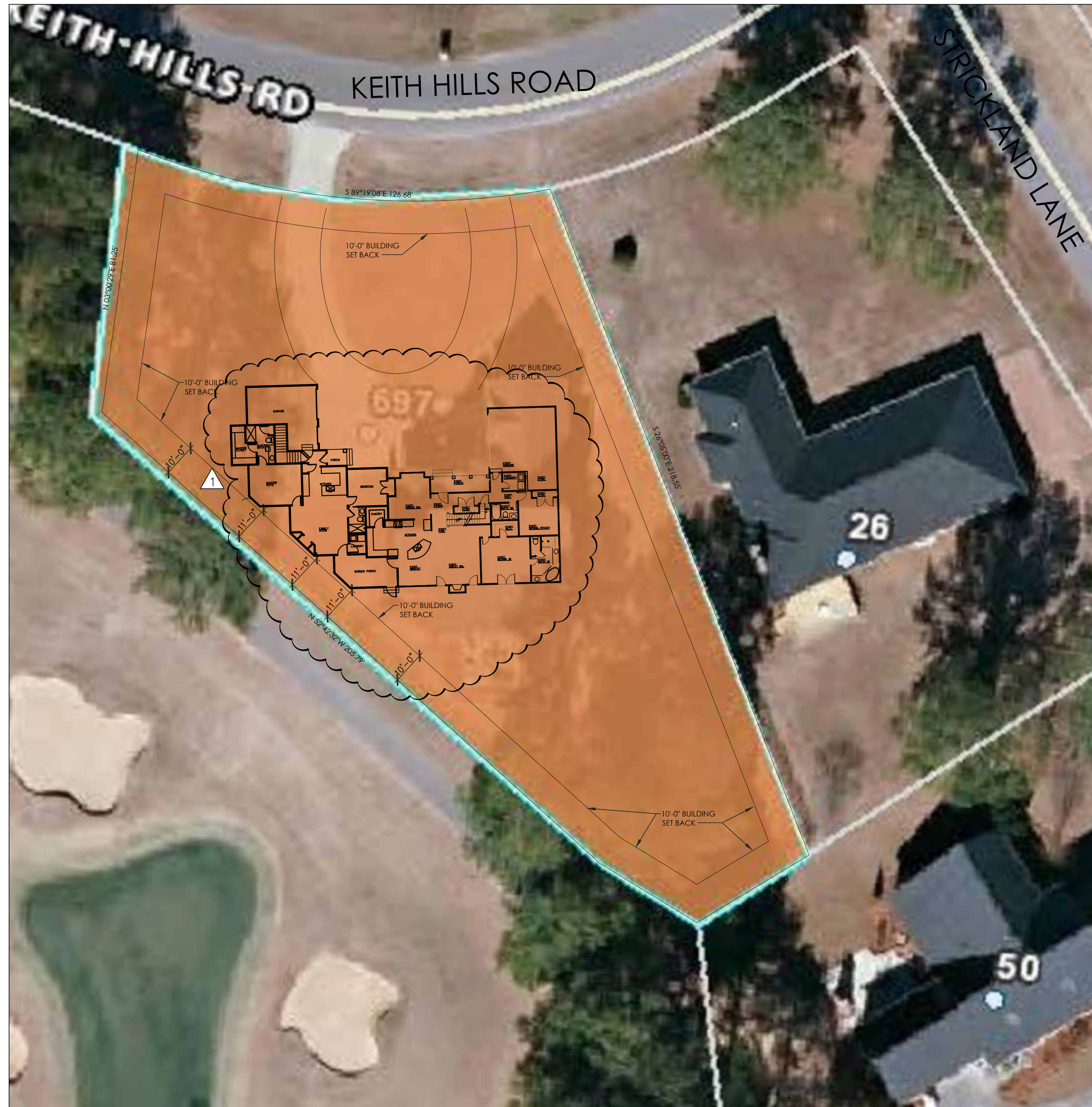


HARRIS RESIDENCE RENOVATION

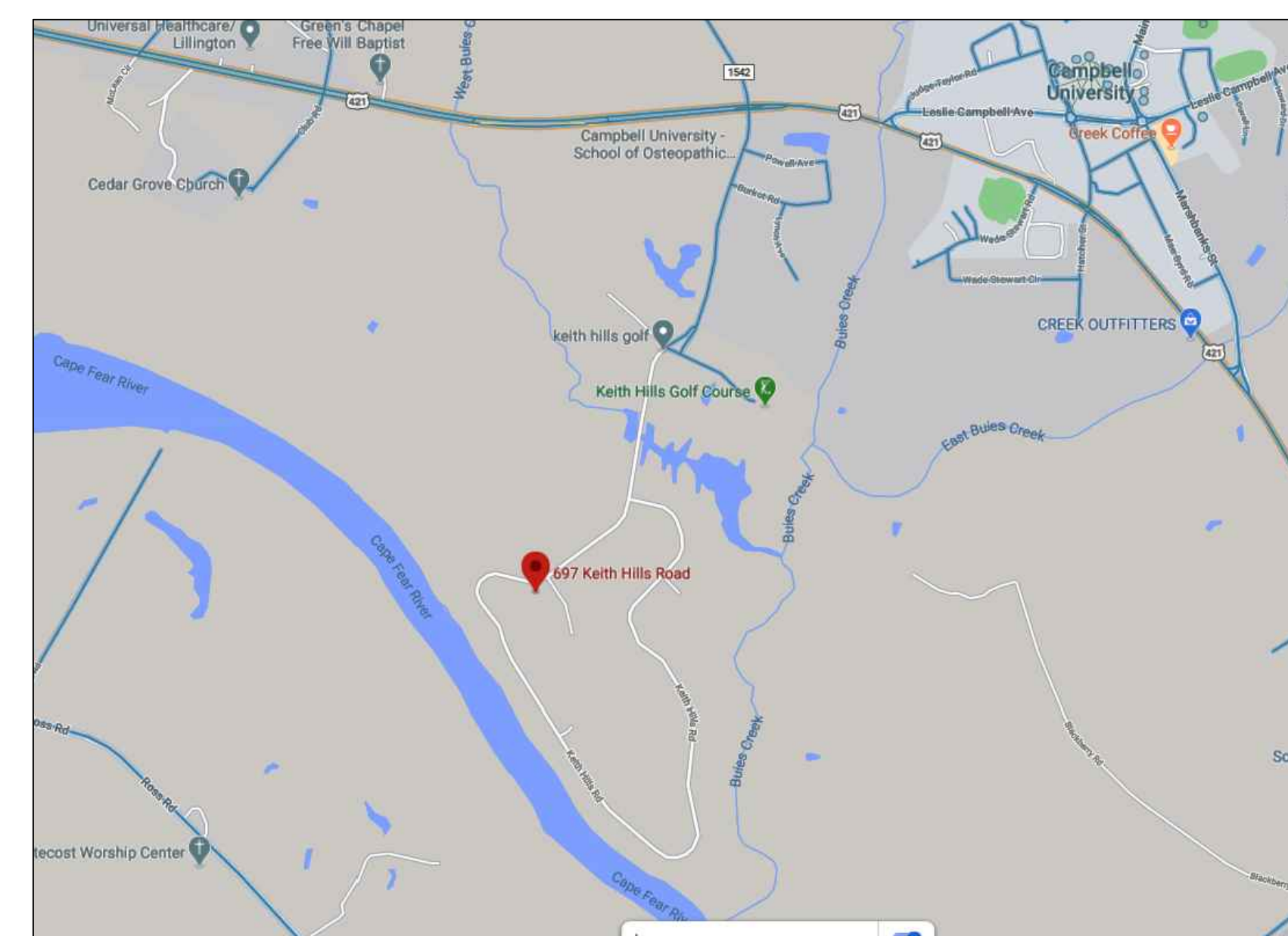
697 KEITH HILLS ROAD LILLINGTON, NC 27546



2 | ARCHITECTURAL SITE PLAN
A001 | SCALE: 1"=20'

DRAWING LEGEND	
G001	COVER
S100	FOUNDATION PLAN
S111	CEILING PLAN
S121	ROOF FRAMING PLAN
A111	FIRST FLOOR PLAN
A201	NEW EXTERIOR ELEVATIONS
A202	NEW EXTERIOR ELEVATIONS

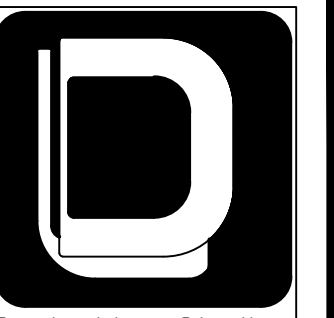
SET 06.30.2020	
DATE	PURPOSE
06.30.2020	PERMIT
10.13.2021	CORRECTIONS
02.04.2022	CORRECTIONS



1 | LOCATION
A001 | SCALE: NTS



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PROJECT: **HARRIS RESIDENCE**

JAMES HARRIS

697 KEITH HILLS ROAD
LILLINGTON, NC 27546

DRAWING: COVER SHEET

Revisions

REVISION DATE

CONST. ADMIN 2/4/22

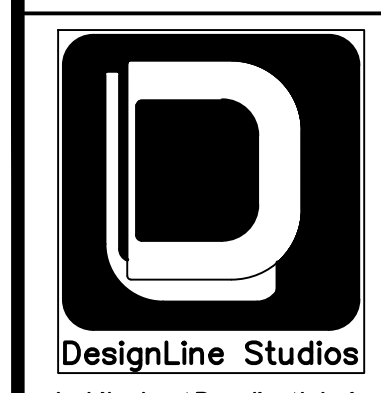
PROJECT DATE
09/15/2020

Drawn By
MTP

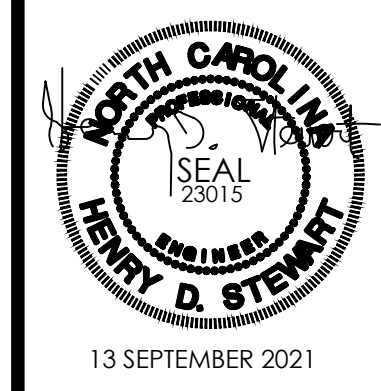
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Sheet No.

G001



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13 SEPTEMBER 2021

PROJECT: **HARRIS RESIDENCE**
JAMES HARRIS
697 KEITH HILLS ROAD
LILLINGTON, NC 27546
DRAWING: **CEILING PLAN**

Revisions	
REVISION	DATE
CONST. ADMIN	2/4/22
PROJECT DATE 09/15/2020	
Drawn By MTP	
Checked By BLJ	
Sheet No. S111	

DESIGN LOADS:

Importance Factors: Wind (Iw) : 1.0
Snow (Is) : 1.0
Seismic (IF) : 1.0

Live Loads: Roof: 20 psf
Mezzanine: N/A
Floor: 100 psf

2012 NC Administrative Codes & Policies

Wind Loads: Basic Wind Speed: 100 mph (ASCE-7)
Exposure Category: B
Wind Base Shears (for MWFRS): Vx: 5.4k Vy: 5.4k

SEISMIC DESIGN CATEGORY: B

Provide the following seismic design parameters:
Occupancy Category: II
Spectral Response Acceleration Ss: 222% S1: 8.5%
Site Classification: D
Data Source: Presumptive
Basic Structural System: Bearing Wall
Seismic Base Shear: Vx: 4k Vy: 4k
Analysis Procedure: Equivalent Lateral Force
Architectural, Mechanical Components Anchored: Yes
LATERAL DESIGN CONTROL: Wind
SOIL BEARING CAPACITY: Presumptive Bearing Capacity 2000 psf
SPECIAL INSPECTIONS REQUIRED: ND
WALL BRACING

- AT ALL CORNERS OF ADDITIONAL 1/2" PLYWOOD SHEETS W/ 10-D NAILS AT 3" O.C. VERTICALLY IN EACH STUD WHERE PLYWOOD OVERLAPS.
- ALL REMAINING SHEATHING TO BE 1/2" OSB OR BETTER

STRUCTURAL DESIGN

GENERAL NOTES:

- BOTTOM OF FOOTINGS TO BE A MINIMUM OF 24" BELOW GRADE.
- ALL DIMENSIONS TO BE VERIFIED PRIOR TO CONSTRUCTION.
- ALL NEW LUMBER TO BE SPF #2 OR BETTER.
- ALL LUMBER IN CONTACT WITH MASONRY/CONCRETE TO BE PRESSURE TREATED.
- ALL W SHAPE STEEL SECTIONS TO BE Fy=50 KSI, ALL OTHERS TO BE Fy=36 KSI.
- ALL REBAR TO BE PLACED IN ACCORDANCE WITH THE LATEST ACI 318 CODE.
- MASONRY TO HAVE A COMPRESSIVE STRENGTH OF Fm=1500 PSI.
- ALL CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- ALL MASONRY CELLS CONTAINING REBAR OR BELOW STRUCTURAL STEEL SHAPES TO BE FULLY GROUTED.
- INSTALL ALL ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.
- HIGH STRENGTH BOLTS TO BE A325 OR BETTER.

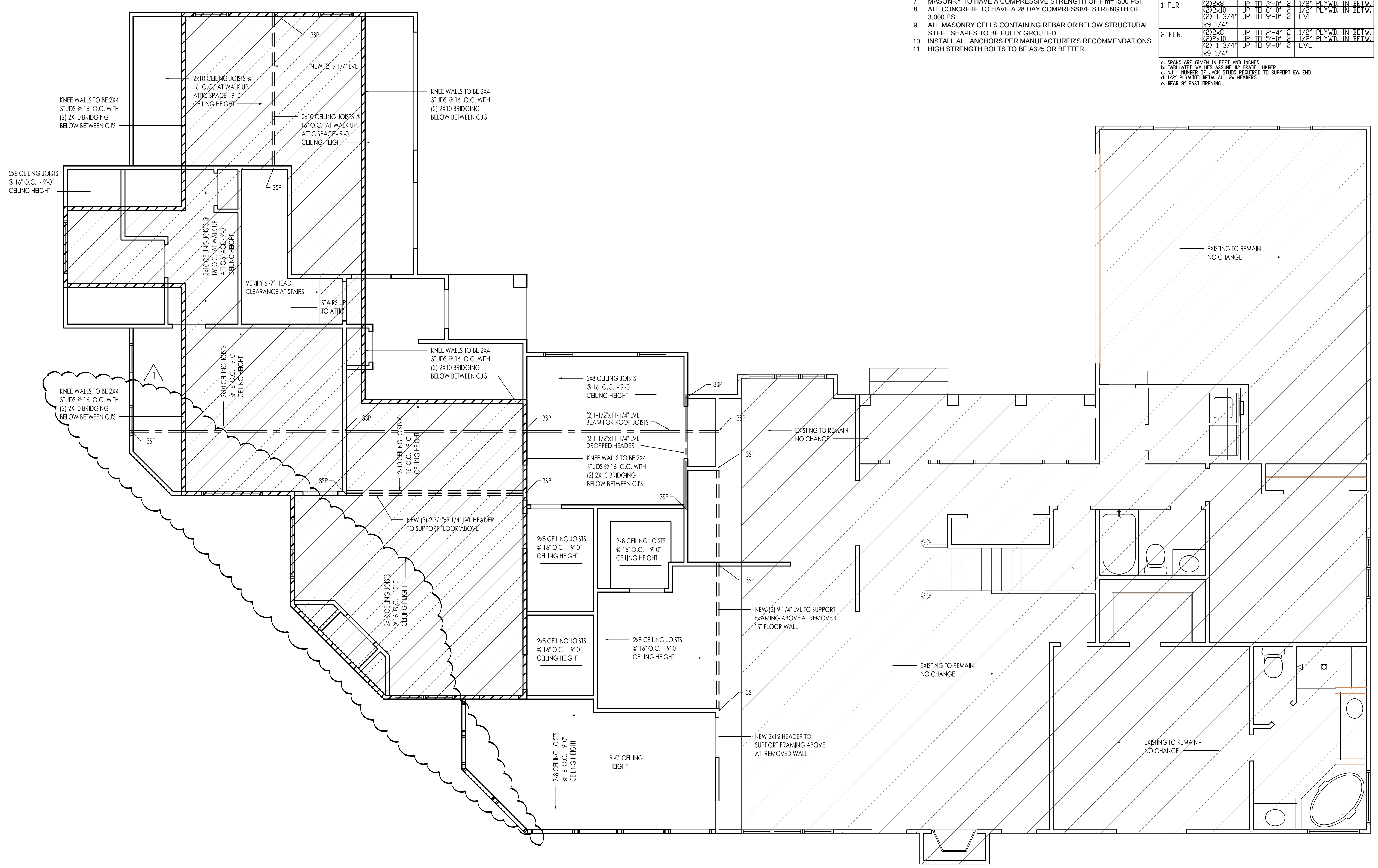
BEAM SCHEDULE

- DJ: (2)2x10s W/ 1/2" PLYWOOD U.N.O. (BEAMS BEAR ON STUD PACKS)
- ALL WINDOWS AND DOORS TO HAVE HEADER PER HEADER SCHEDULE BELOW & 2SP EA. END
- SEE PLANS FOR LVL BEAM LOCATIONS AND SIZES

HEADER SCHEDULE

HEADERS SUPPORTING	SIZE	SPAN	NOTES
1 FLR.	(2)2x8	UP TO 3'-0"	2 1/2" PLYWD. IN BELV.
	(2)2x10	UP TO 2'-0"	2 1/2" PLYWD. IN BELV.
	(2) 1 3/4"	UP TO 9'-0"	2 LVL
2 FLR.	(2)2x8	UP TO 2'-0"	2 1/2" PLYWD. IN BELV.
	(2)2x10	UP TO 5'-0"	2 1/2" PLYWD. IN BELV.
	(2) 1 3/4"	UP TO 9'-0"	2 LVL

SPANS ARE GIVEN IN FEET AND INCHES
TABULATED VALUES ASSUME #5 GRADE LUMBER
N = NUMBER OF STUD PACKS REQUIRED TO SUPPORT EA. END
1/2" PLYWOOD BELV. ALL 2x MEMBERS
BEAR @ PAST OPENING



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



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13 OCTOBER 2021

PROJECT: **HARRIS RESIDENCE**
JAMES HARRIS
697 KEITH HILLS ROAD
LILLINGTON, NC 27546
DRAWING: FIRST FLOOR PLAN

Revisions

REVISION DATE
CONST. ADMIN 2/4/22

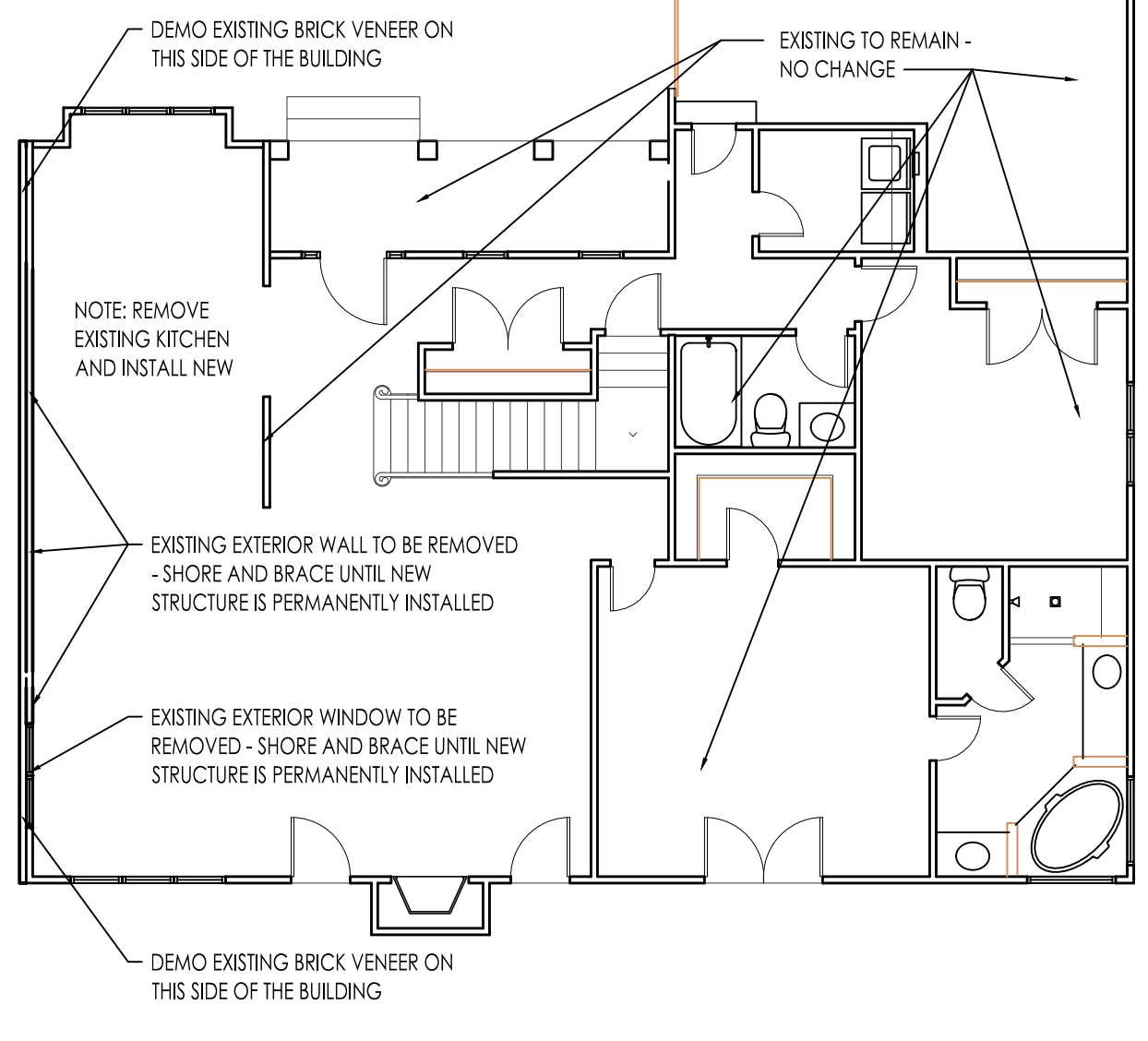
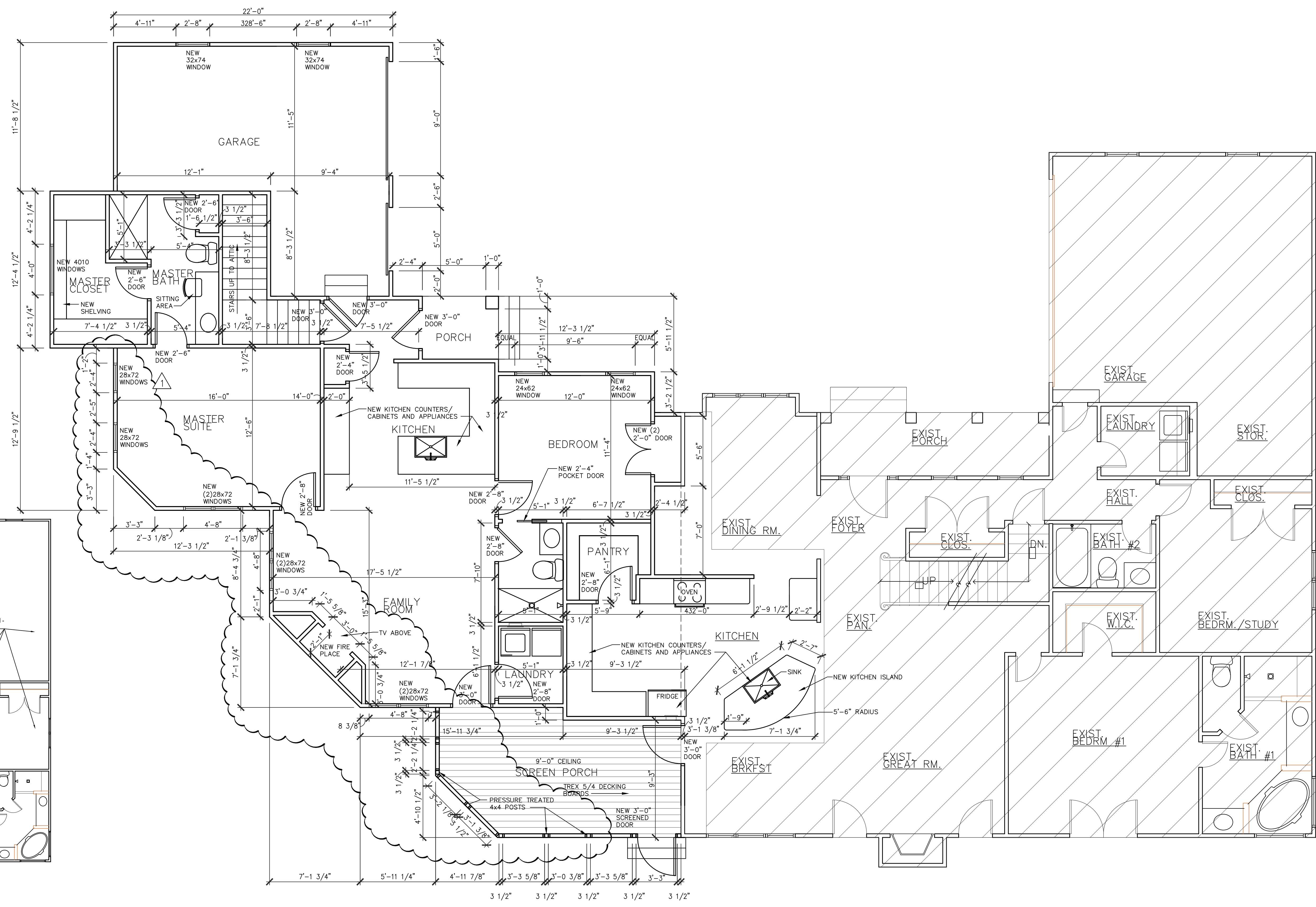
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Sheet No.

A111



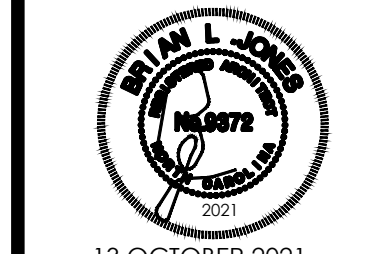
2 FIRST FLOOR DEMO PLAN
A111 SCALE: 1/8" = 1'-0"

1 FIRST FLOOR PLAN
A111 SCALE: 1/4" = 1'-0"



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13 OCTOBER 2021

PROJECT: **HARRIS RESIDENCE**
JAMES HARRIS
697 KEITH HILLS ROAD
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DRAWING: EXTERIOR ELEVATIONS

Revisions

REVISION DATE

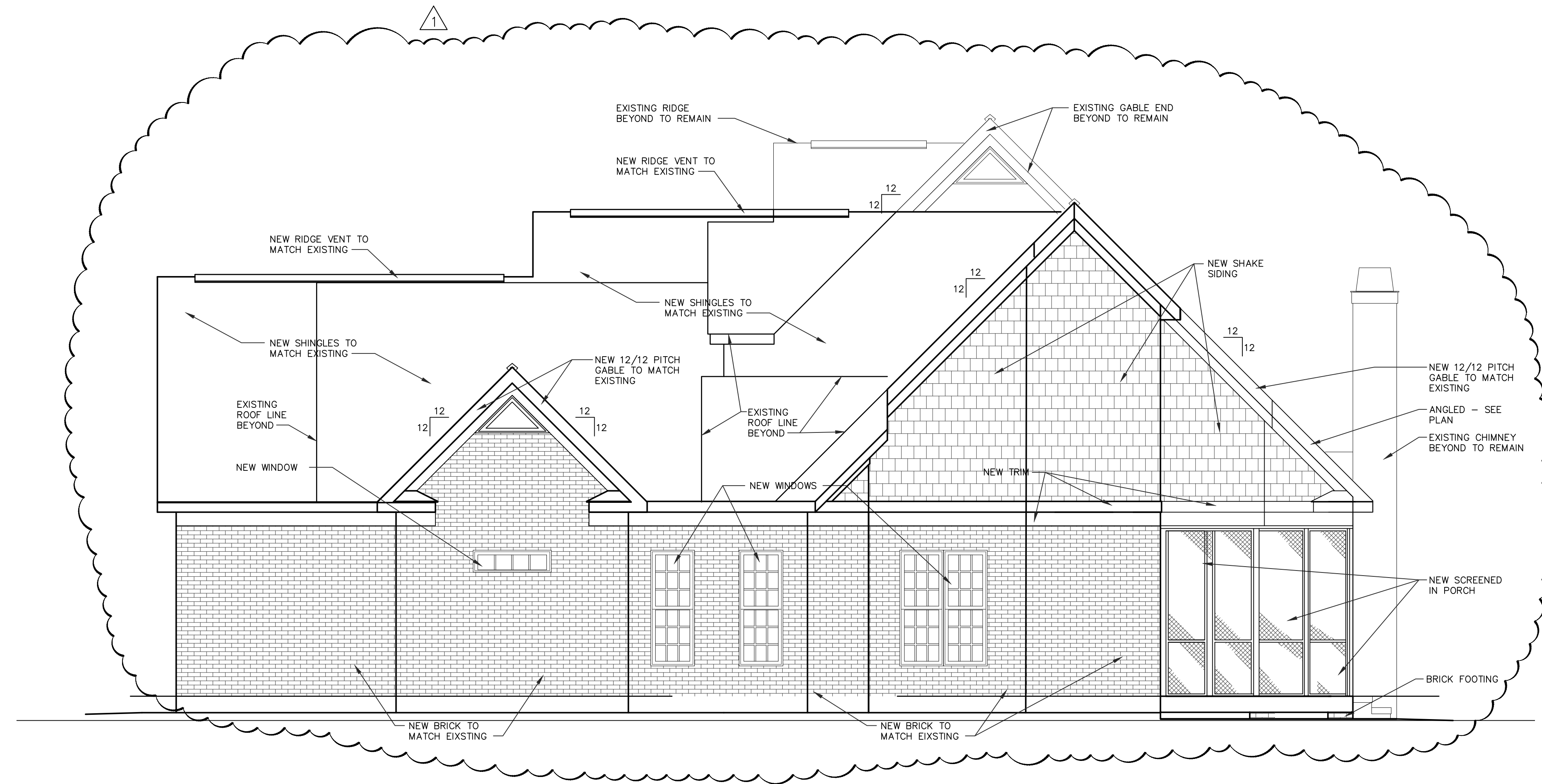
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PROJECT DATE
09/15/2020

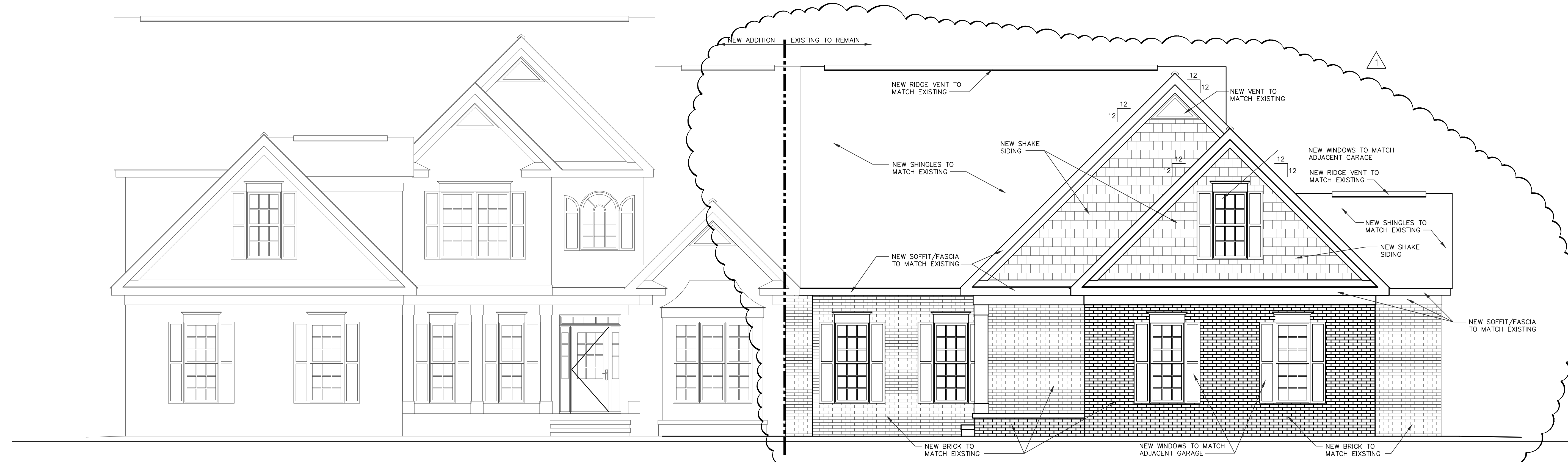
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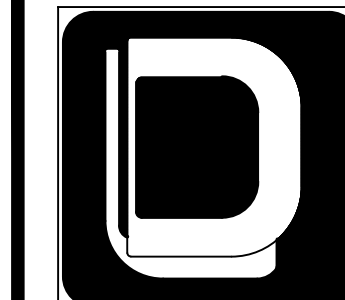
Sheet No.
A201



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

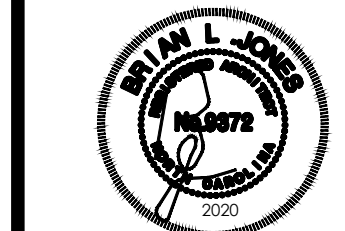


1 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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SEPTEMBER 15, 2020

PROJECT: **HARRIS RESIDENCE**
JAMES HARRIS
697 KEITH HILLS ROAD
LILLINGTON, NC 27546
DRAWING: EXTERIOR ELEVATIONS

Revisions

REVISION DATE

CONST. ADMIN 2/4/22

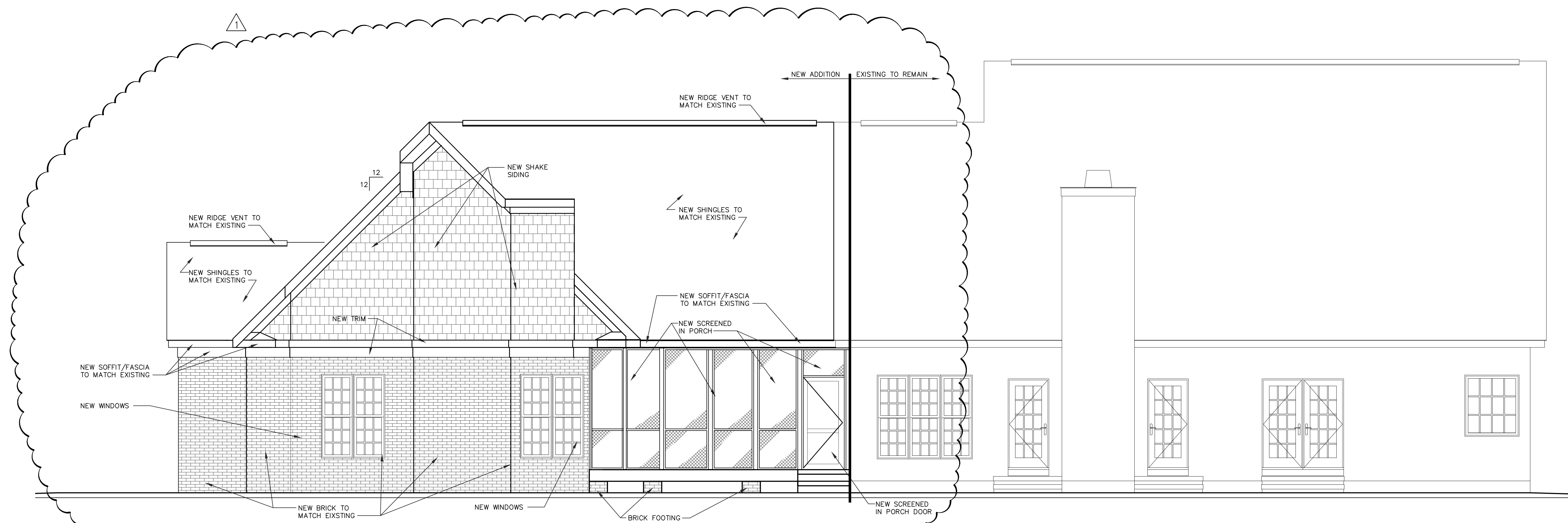
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A202



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