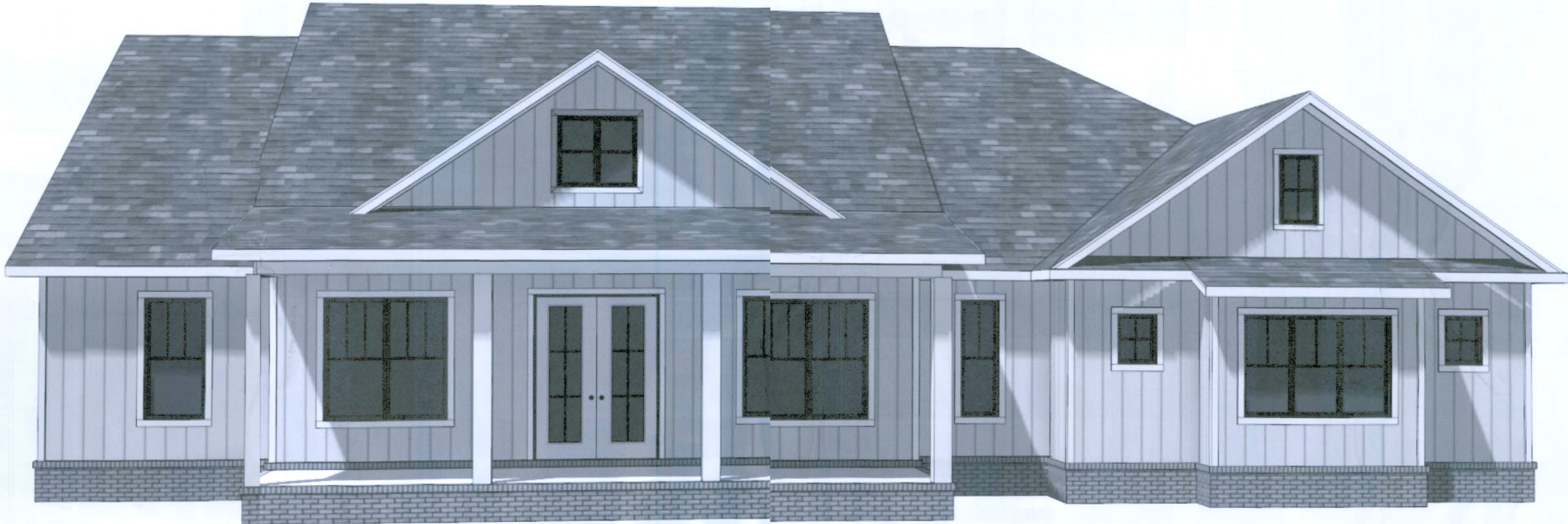


A CUSTOM HOME FOR:

JONES / FREEMAN RESIDENCE

PROJECT ADDRESS:
587 Pinehurst Drive
Lake City, Florida 32055



SHEET INDEX

- A1 FRONT & REAR ELEVATIONS
- A2 LEFT & RIGHT ELEVATIONS
- A3 DIMENSIONED FLOOR PLANS
- A4 ELECTRICAL PLANS
- S1 FOUNDATION PLAN, DETAILS & NOTES
- S2 ROOF PLAN, DETAILS & NOTES
- S3 WINDLOAD INFO, NOTES & DETAILS
- S4 FRAMING DETAILS & NOTES

AREA SUMMARY		
LIVING AREA	2,900	S.F.
GARAGE AREA	627	S.F.
COVERED PORCH AREA	360	S.F.
ENTRY PORCH AREA	251	S.F.
TOTAL AREA	4,138	S.F.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



REVISIONS

June 04, 2024

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

COVER PAGE

A NEW CUSTOM HOME FOR:

JONES / FREEMAN

PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055

SPARKS CONSTRUCTION, INC.

LAKE CITY, FLORIDA 32024

© WILLIAMS ASSOCIATES, INC.

426 SW COMMERCE DR., STE. 130

LAKE CITY, FL 32025

(386) 758-8406

williams@williams.net

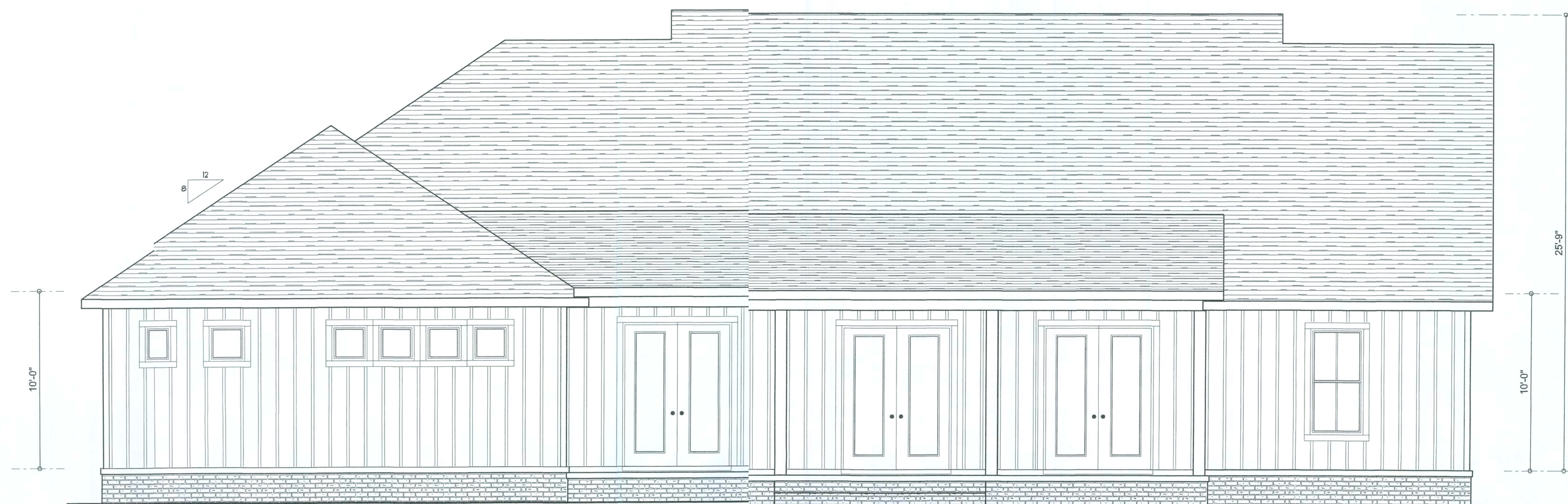
JOB NUMBER

20210322

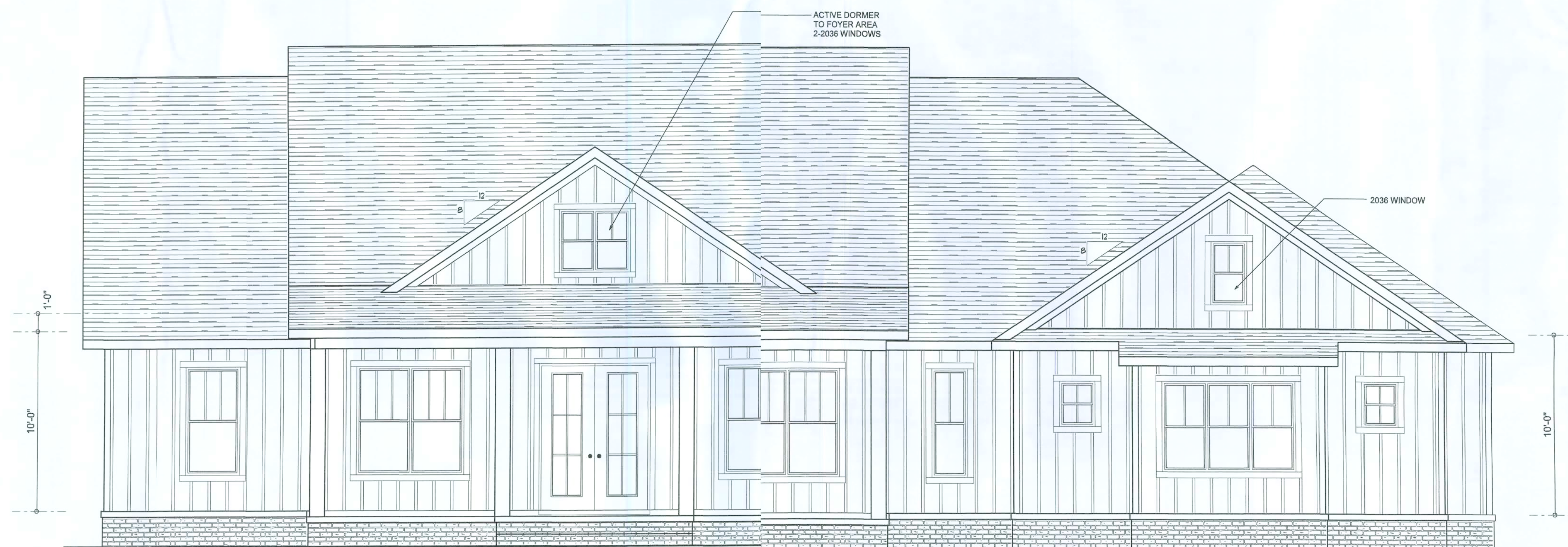
SHEET NUMBER

COVER

Will C. Myers



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



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

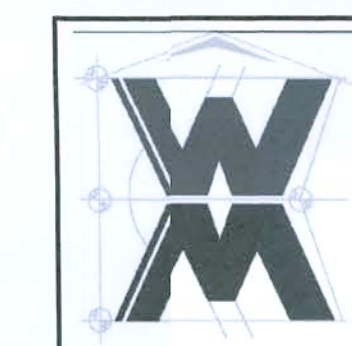
REVISIONS
May 04, 2021



FRONT & REAR ELEVATIONS
SCALE: 1/4" = 1'-0"

A NEW CUSTOM HOME FOR:
JONES / FREEMAN
PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055
SPARKS CONSTRUCTION, INC.
LAKE CITY, FLORIDA 32024

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JOE NUMBER
20210322

SHEET NUMBER

A.1

Will C. Myers



Wahl C-7M

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

A NEW CUSTOM HOME FOR:

JONES / FREEMAN

PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055

SPARKS CONSTRUCTION, INC.

LAKE CITY, FLORIDA 32024

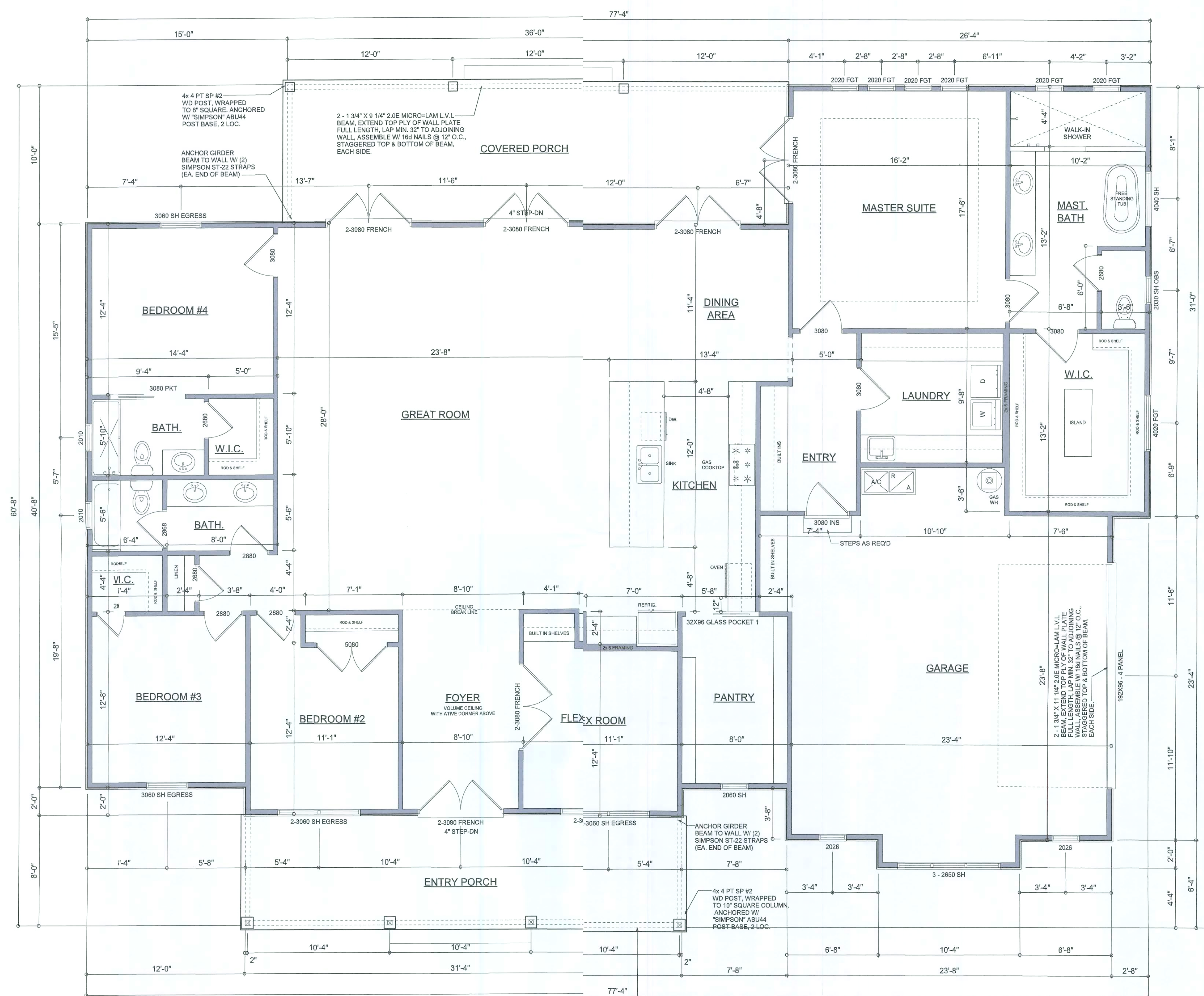
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(385) 758-8406
w@willmyers.net



JO3 NUMBER 20210322

SHEET NUMBER

A.2



DIMEIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"
NOTE: ALL W.S. SHALL BE 10'-0" UNLESS OTHERWISE NOTED.

AREA SUMMARY		
LIVING AREA	2,900	S.F.
GARAGE AREA	627	S.F.
COVERED PORCH AREA	360	S.F.
ENTRY PORCH AREA	251	S.F.
TOTAL AREA	4,138	S.F.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

Will C. My

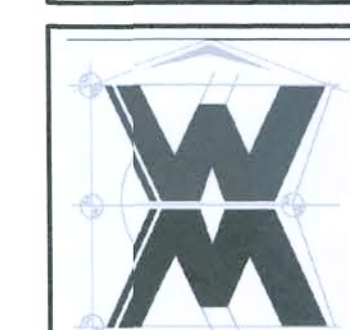
REVISIONS	
May 04, 2021	



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

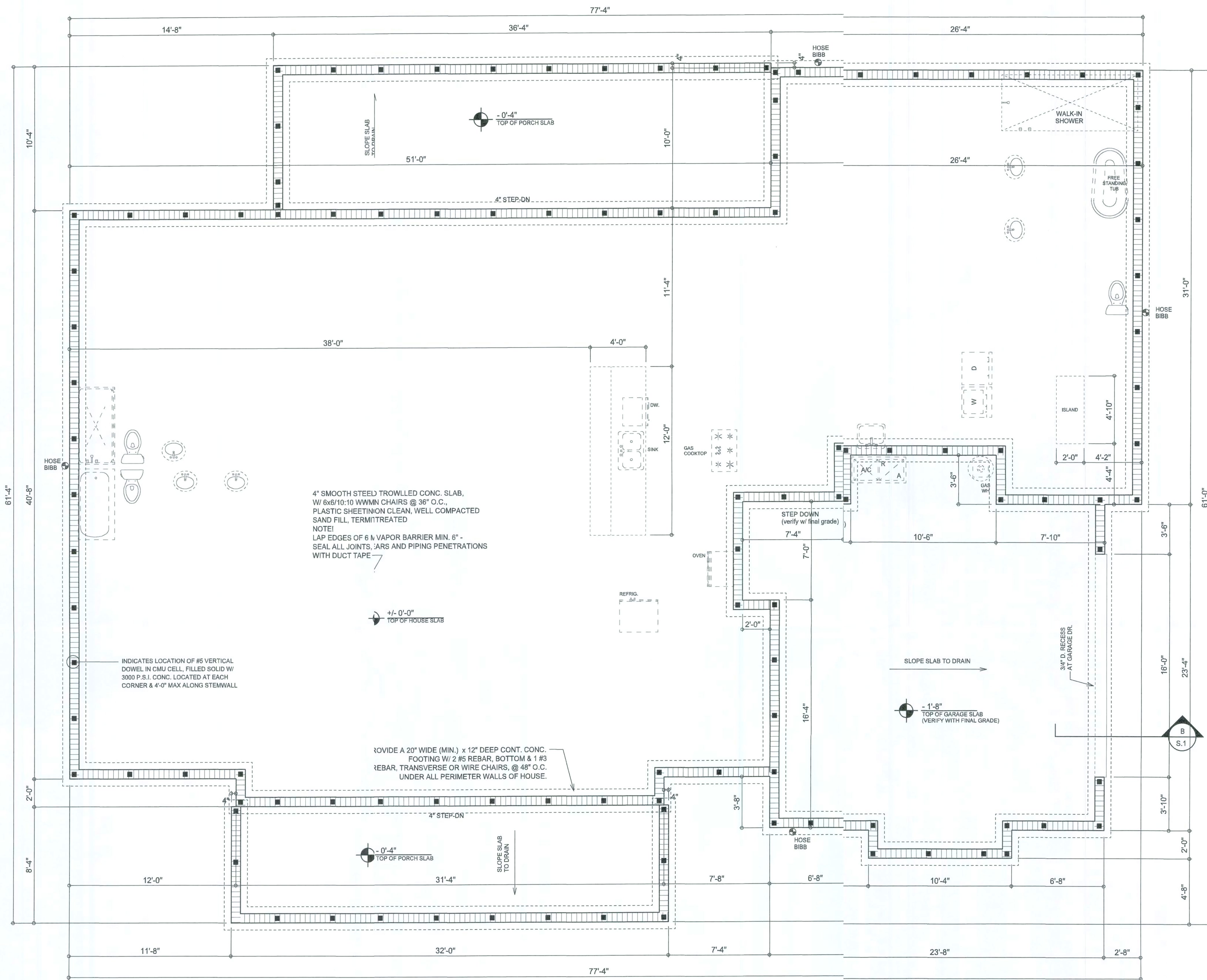
A NEW CUSTOM HOME FOR:
JONES / FREEMAN
PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055
SPARKS CONSTRUCTION, INC.
LAKE CITY, FLORIDA 32024

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ASSOCIATES INC.
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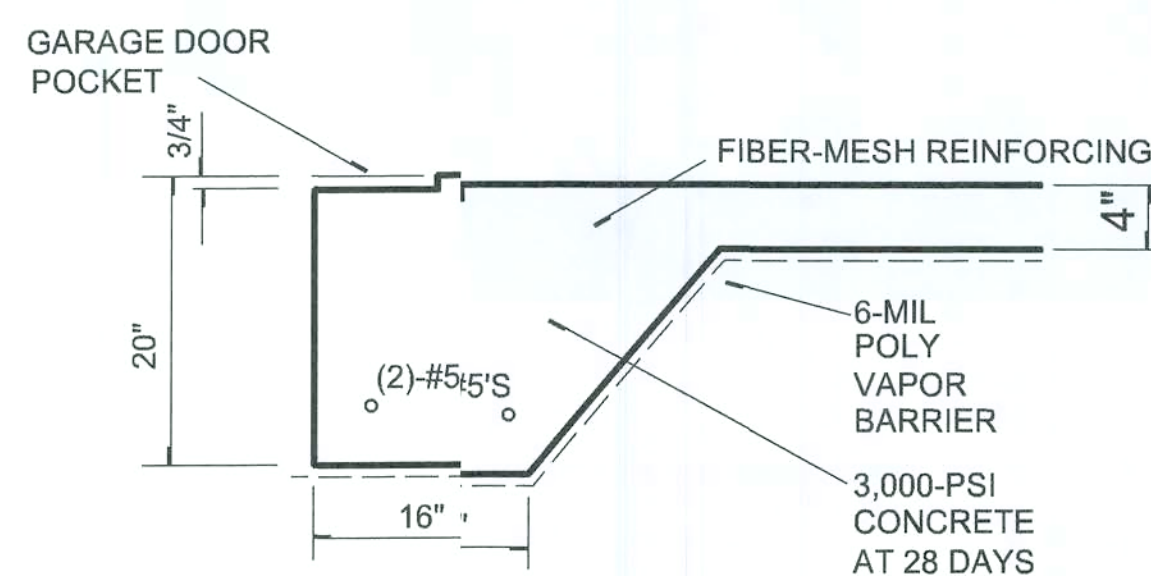
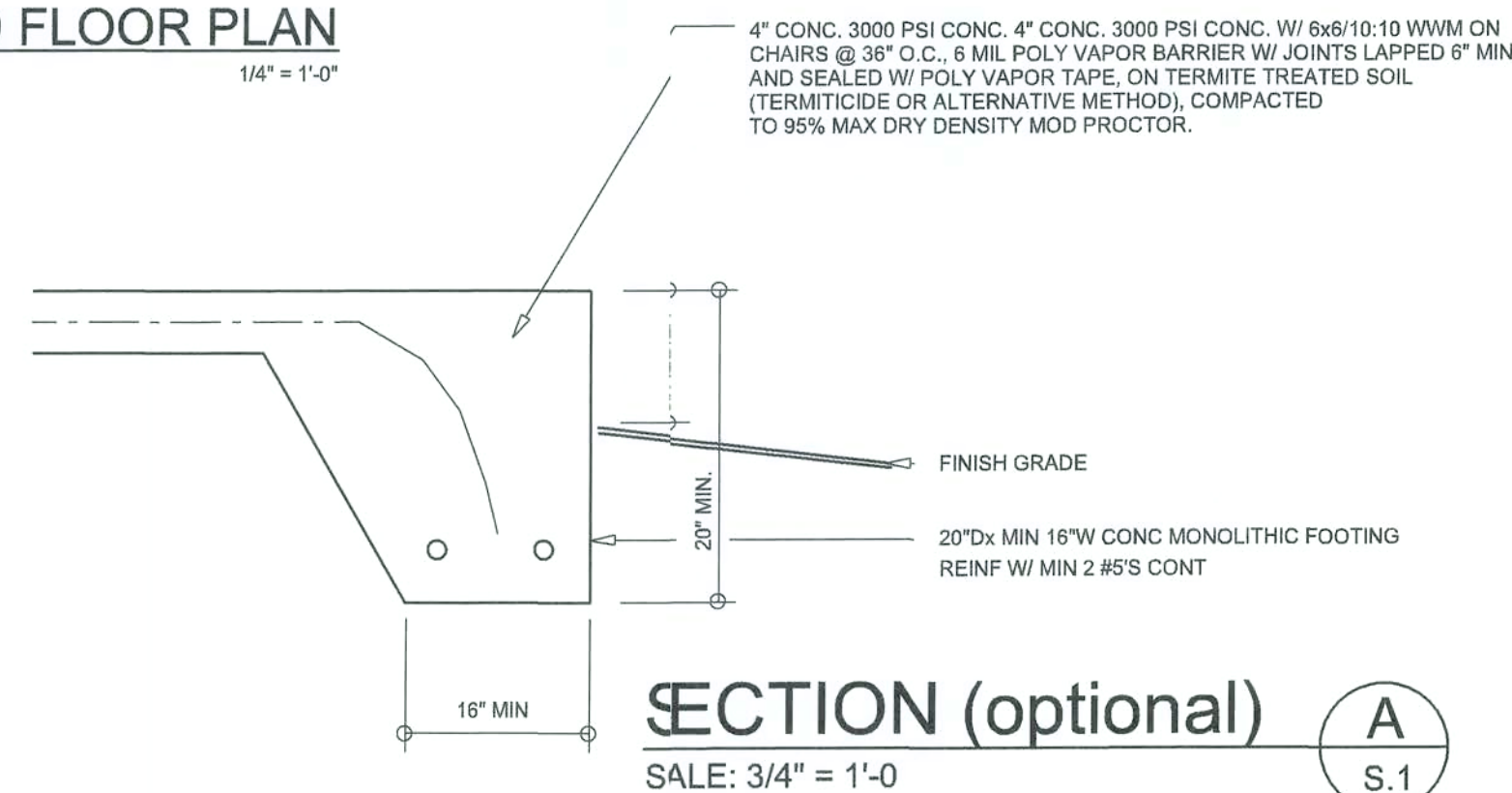


JOB NUMBER
20210322

SHEET NUMBER
A.3



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



NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 2020 (7TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

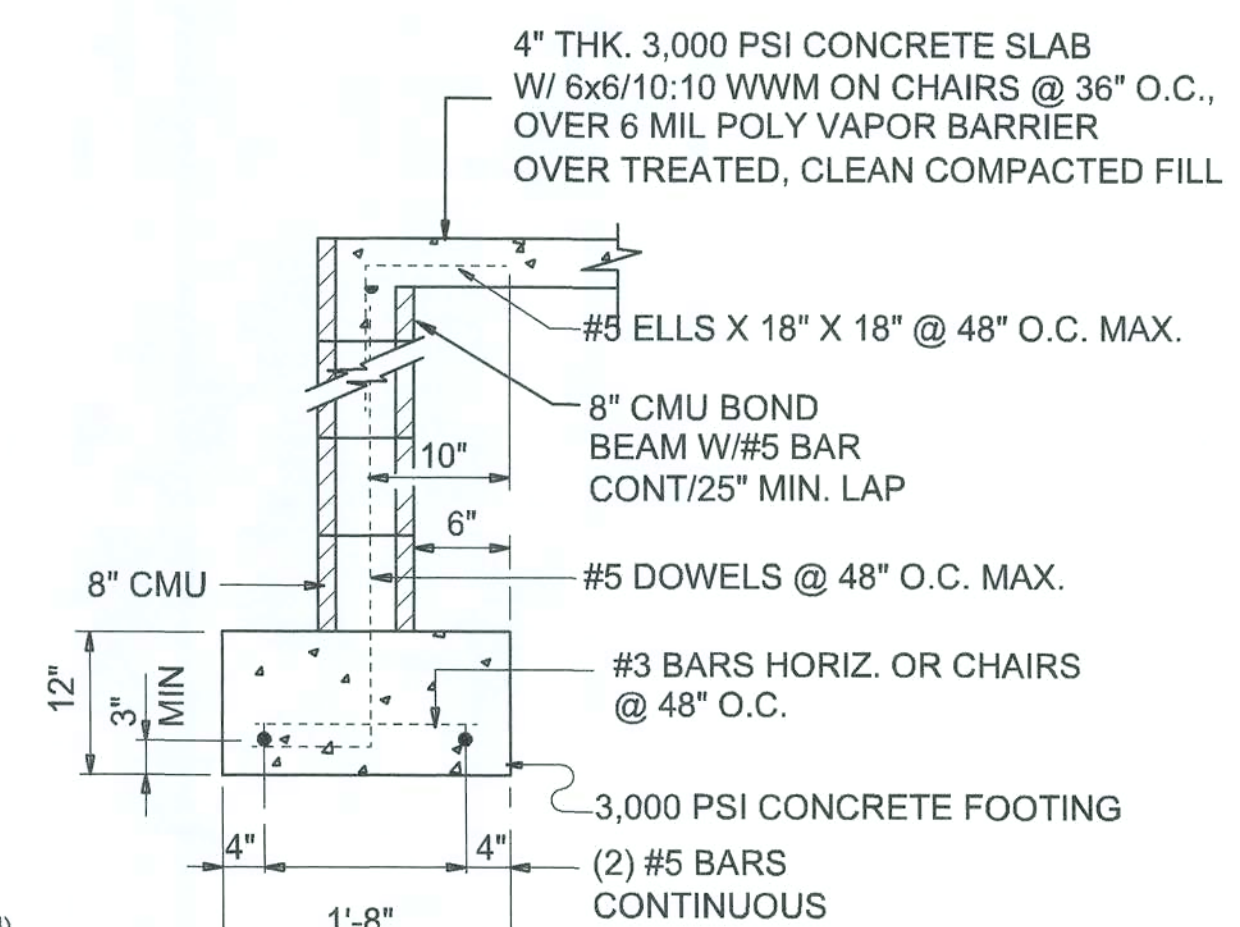
NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 P.T. WOOD SILL, CONT., ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 6" EMBEDMENT INTO THE CONCRETE.

NOTE!
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.



SECTION

SCALE: 3/4" = 1'-0"

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	DATE	DESCRIPTION
1	June 04, 2021	

SCOTTMAN
ARCHITECTURAL DESIGN & CONSTRUCTION

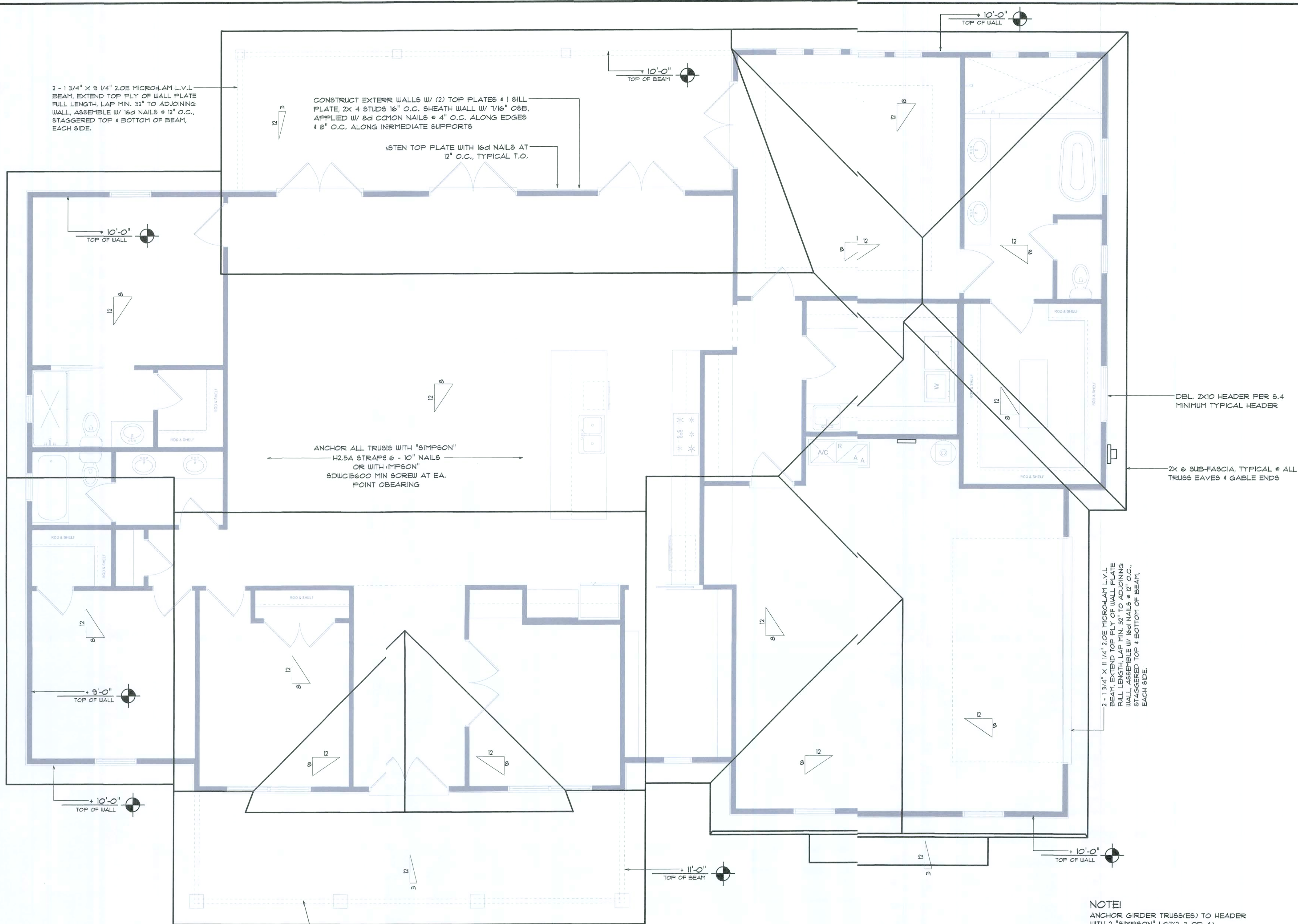
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

A NEW CUSTOM HOME FOR:
JONES / FREEMAN
PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055
SPARKS CONSTRUCTION, INC.
LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1768 NW Brown Rd.
Lake City, FL 32055
(386) 965-4355

JOI NUMBER
2(210322)

SHEET NUMBER
S.1
OF 4 SHEETS



Roof Framing PLAN

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

NOTE:
SHEATH ROOF W/ 5/8" CDX PLYWOOD PLACED
W/ LONG DIMENSION PERPENDICULAR TO THE
ROOF TRUSSES, SECURE TO FRAMING W/ 8d
NAILS - AS PER DETAIL ON SHEET 5.4

NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER FBC 2020 (1TH EDITION)
AND LOCAL JURISDICTION REQUIREMENTS

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR
REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF
THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN
ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR
ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE
PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY
THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR
SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE
WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION"
MANUAL FOR "STRESS RATED" LUMBER AND ITS CONNECTIONS, LATEST EDITION, ALONG
W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND
PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL
INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR
REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND
UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE
AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE
PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY
SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS
STRUCTURE.

ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG IS
UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN AC-
CORDANCE WITH SCHEDULE ON 5.2
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR
PLANS TO VERIFY FLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER
ROOF PENETRATIONS TO REAR

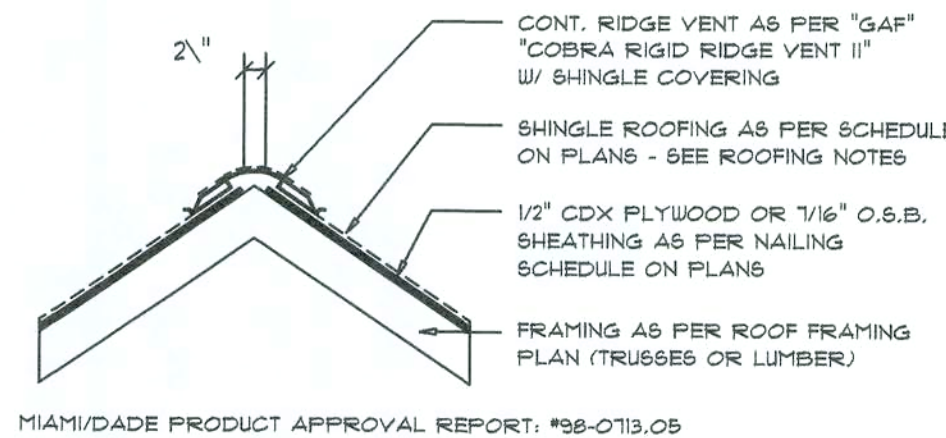
PROJECT COORDINATION REQUIREMENTS

NOTICE:
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES
AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES
RULES AND REGULATIONS, N.P. GEISLER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE
STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS
THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT
COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY
OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED
TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED
FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-
SIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT
BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-
LINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL
ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN
SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS
CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS
OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL
BE NOT LESS THAN N.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR
BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS
AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED.
REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CON-
NECTIONS.

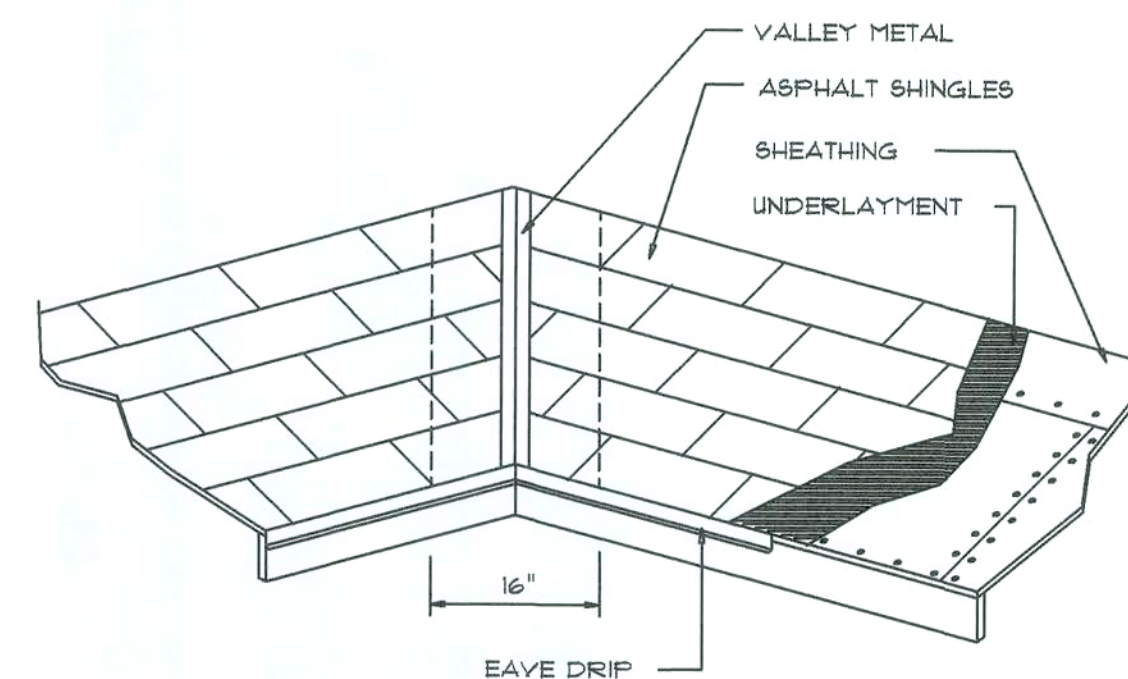
AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ. IN.
1800 SF	24 LF	490 SQ. IN.
2200 SF	38 LF	570 SQ. IN.
2500 SF	32 LF	650 SQ. IN.
2800 SF	36 LF	730 SQ. IN.
3100 SF	40 LF	820 SQ. IN.
3600 SF	44 LF	900 SQ. IN.



Ridge Vent DETAIL

SCALE: 3/4" = 1'-0"

B



Valley Flashing

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

A

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A NEW CUSTOM HOME FOR:

JONES / FREEMAN
PROJECT ADDRESS: 587 Pinehurst Drive, Lake City, Florida 32055
SPARKS CONSTRUCTION, INC.
LAKE CITY, FLORIDA 32055

10/1/2021
AR000005

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified

JOB NUMBER
2010322

SHEET NUMBER
5.2
OF 4 SHEETS

REVISIONS
June 04, 2021
1/4" = 1'-0"
ROOF PLAN

