



ENGINEERING

1230 Oakley Seaver Drive, Suite 100
Clermont, Florida 34711
888.860.EFAE (3323)

AP102538-CA30900

ISSUE - REVISION LOG	
1	Initial Issue
2	Revision 1: Added detailed description of the problem and the proposed solution.
3	Revision 2: Updated the scope of the project to include additional features.
4	Revision 3: Added a new section on the timeline and milestones.
5	Revision 4: Final revision, incorporating all feedback and ensuring the document is complete and accurate.

DESCRIPTION

MARK.	DATE
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JOB NAME: HOUSING ASSISTANCE PROGRAM - WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

SHEET NAME: COVER SHEET

ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
NOTES SHALL BE BROUGHT
TO THE ATTENTION OF THE
DESIGN PROFESSIONAL FOR
CLARIFICATION PRIOR TO
COMMENCEMENT OF
CONSTRUCTION.

JOB #: 25-14622

DATE: _____

SHEET NUMBER

A-001

STRUCTURAL ENGINEER

***Service Beyond Design***

ARCHITECTURE + ENGINEERING

License No. AR102538 License No. CA30900

DESIGN CRITERIA

**FLORIDA BUILDING CODE-
RESIDENTIAL
8TH EDITION (2023)**

TO THE BEST OF THI DESIGN PORFESSIONAL'S KNOWLEDGE, THESE
PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM
BUILDING

CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED
BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTER 553 AND
633 OF THE FLORIDA STATUTES AND MEET OR EXCEED THE
REQUIREMENTS

OF THE FLORIDA BUILDING CODE-RESIDENTIAL 8TH EDITION (2023),
AS DEVELOPED AND MAINTAINED BY THE FLORIDA BUILDING
COMMISSION, AND ADMINISTERED AND ENFORCED BY LOCAL
JURISDICTIONS.

LOT INFORMATION

COMMUNITY:

LOT: PARCEL ID: 2571-013-003

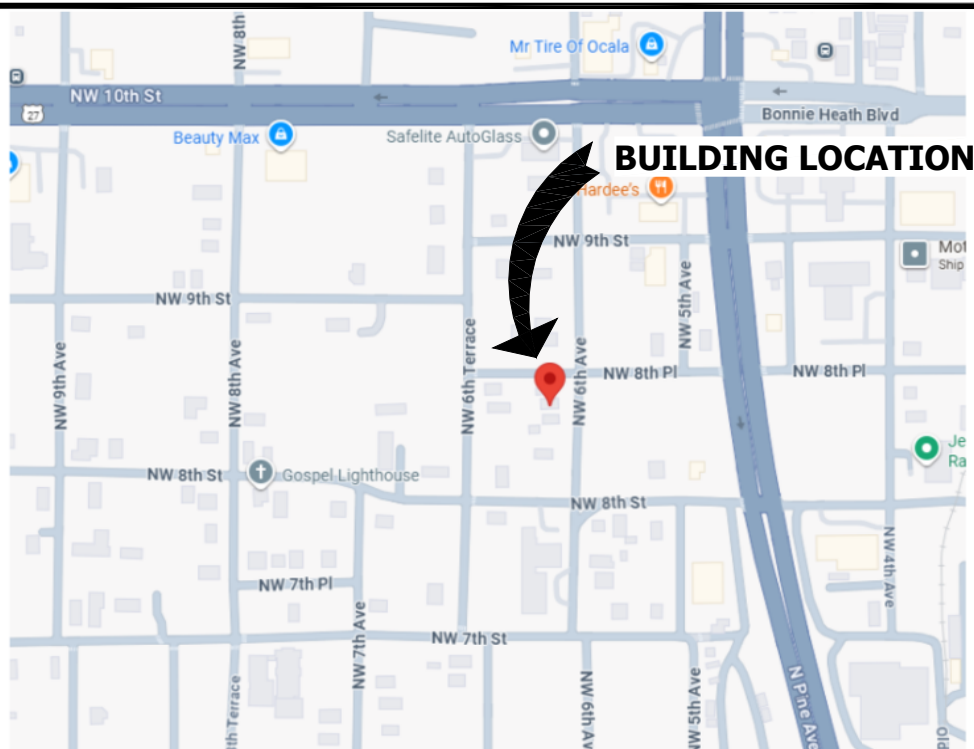
ADDRESS: 826 NW 6TH AVE., FL 34475

COUNTY: Ocala

WIND SPEED: 130

EXPOSURE: C

SITE MAP



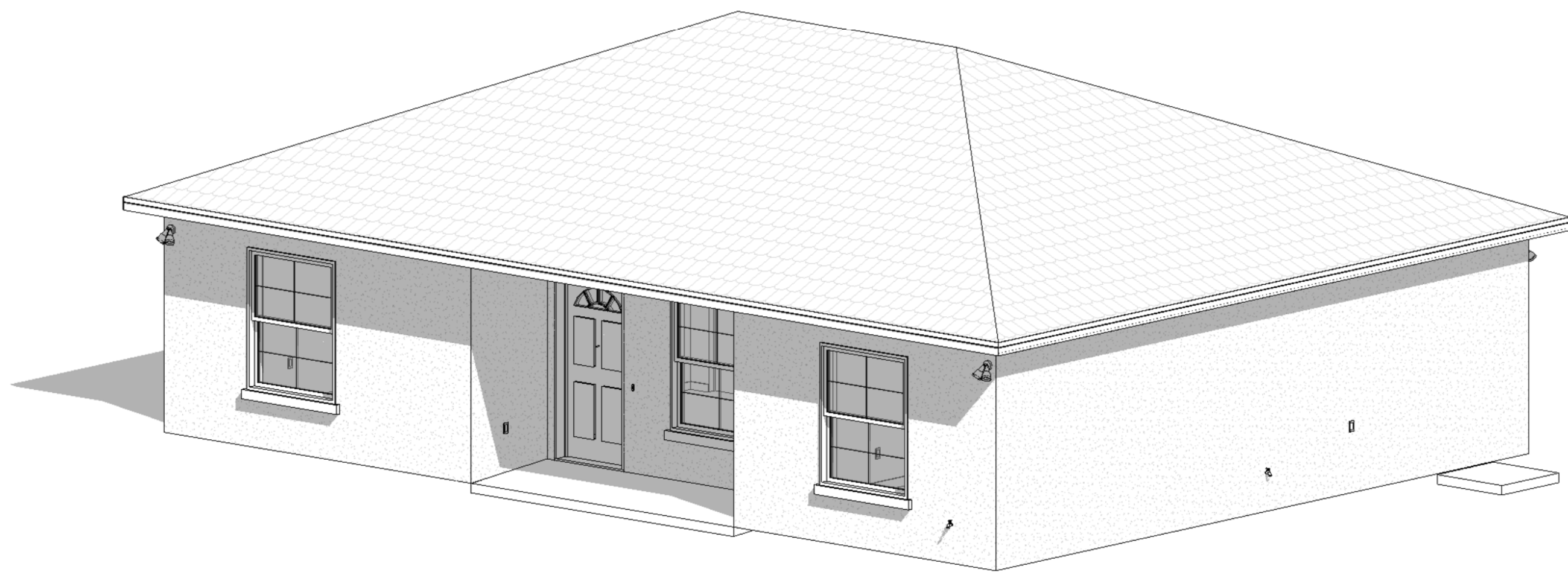
SHEET SCHEDULE

REV. NO.	SHEET NAME	REVISION	REV. DATE
3. GENERAL			
A-001	COVER SHEET		
A-002	GENERAL NOTES		
4. ARCHITECTURAL			
A-101	ARCHITECTURAL SITE PLAN		
A-102	FIRST LEVEL FLOORPLAN		
A-103	ROOF PLAN		
A-201	EXTERIOR ELEVATIONS		
A-202	EXTERIOR ELEVATIONS		
A-203	EXTERIOR ISOMETRIC		
A-301	BUILDING SECTIONS		
AD-01	ARCHITECTURAL DETAILS		
AD-02	ARCHITECTURAL DETAILS - ROOF		
AD-03	ARCHITECTURAL DETAILS - DOOR / WINDOW		
AD-04	ARCHITECTURAL DETAILS - WINDOW FLASHING		
AD-05	ARCHITECTURAL DETAILS - DOOR FLASHING		
AD-06	ARCHITECTURAL DETAILS		
5. ELECTRICAL			
E-101	FIRST FLOOR ELECTRICAL PLAN		
6. STRUCTURAL			
S001	STRUCTURAL NOTES		
S002	STRUCTURAL NOTES		
S101	FOUNDATION PLAN		
S102	ROOF FRAMING PLAN		
S103	LINTEL SCHEDULE		
SD100	GENERAL DETAILS		
SD101	GENERAL DETAILS		
SD200	FOUNDATION DETAILS - S.O.G.		
SD201	FRAMING DETAILS - ROOF		

AREA SCHEDULE

Name	Area
LIVABLE AREA	1016 SF
NON-LIVABLE AREA	48 SF
TOTAL	1064 SF

THE ELECTRONIC SEAL
PLACED ON THESE
DOCUMENTS DOES NOT
APPLY TO THE
FOLLOWING PAGES:
E101 AND E102



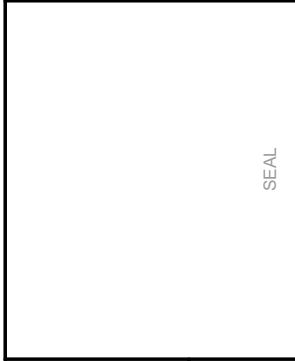


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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION



JOB NAME
HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

SHEET NAME
ARCHITECTURAL SITE PLAN



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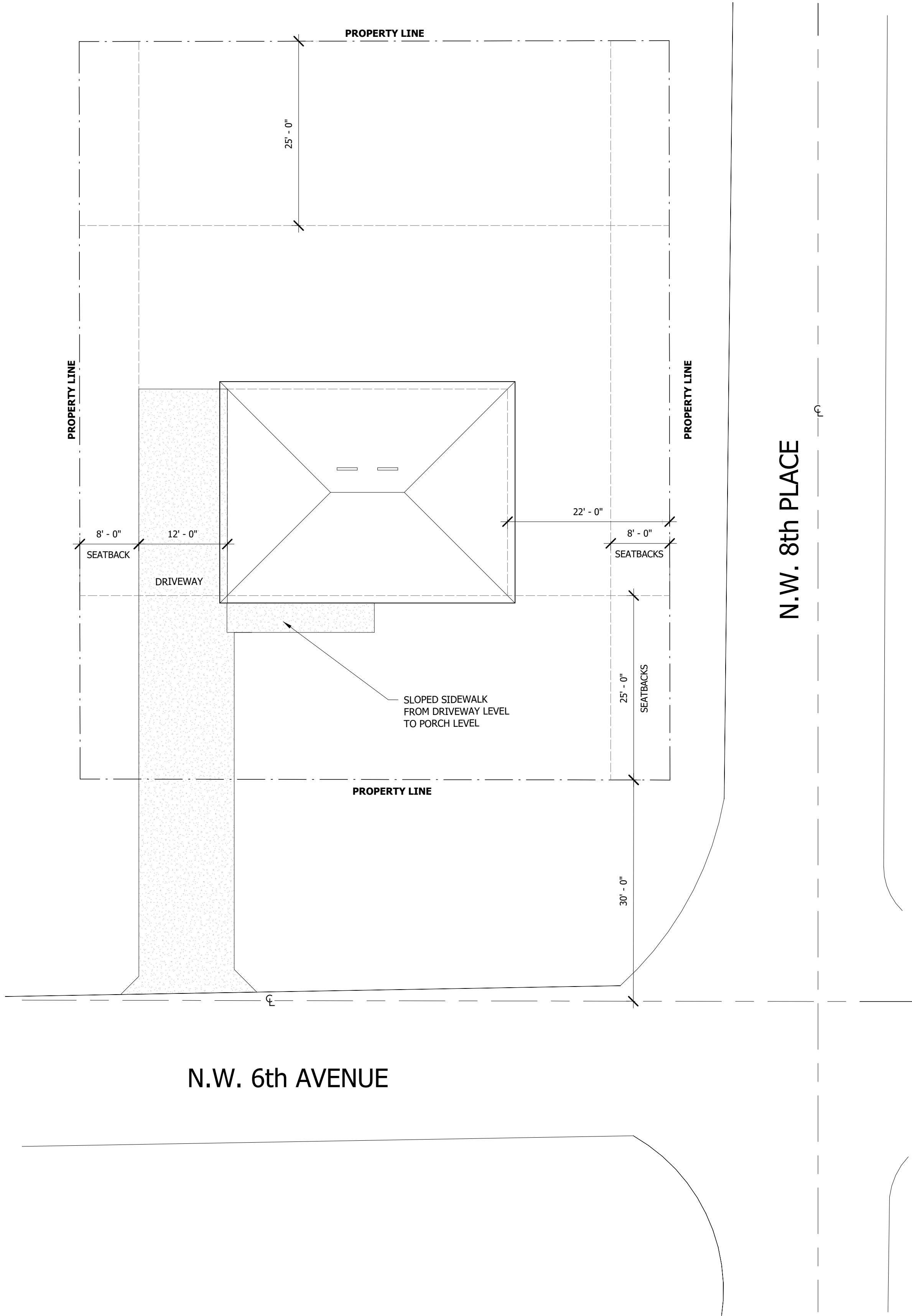
JOB #: 25-14622

DATE:

SHEET NUMBER

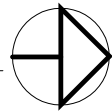
A-101

BID PROGRESS SET - NOT FOR CONSTRUCTION



1 ARCHITECTURAL SITE PLAN

1" = 10'-0"



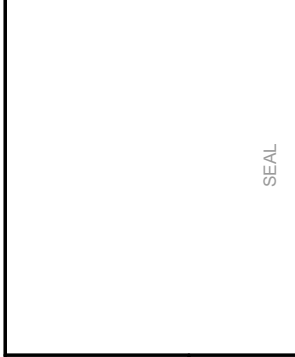


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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION



JOB NAME
HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

SHEET NAME
ROOF PLAN

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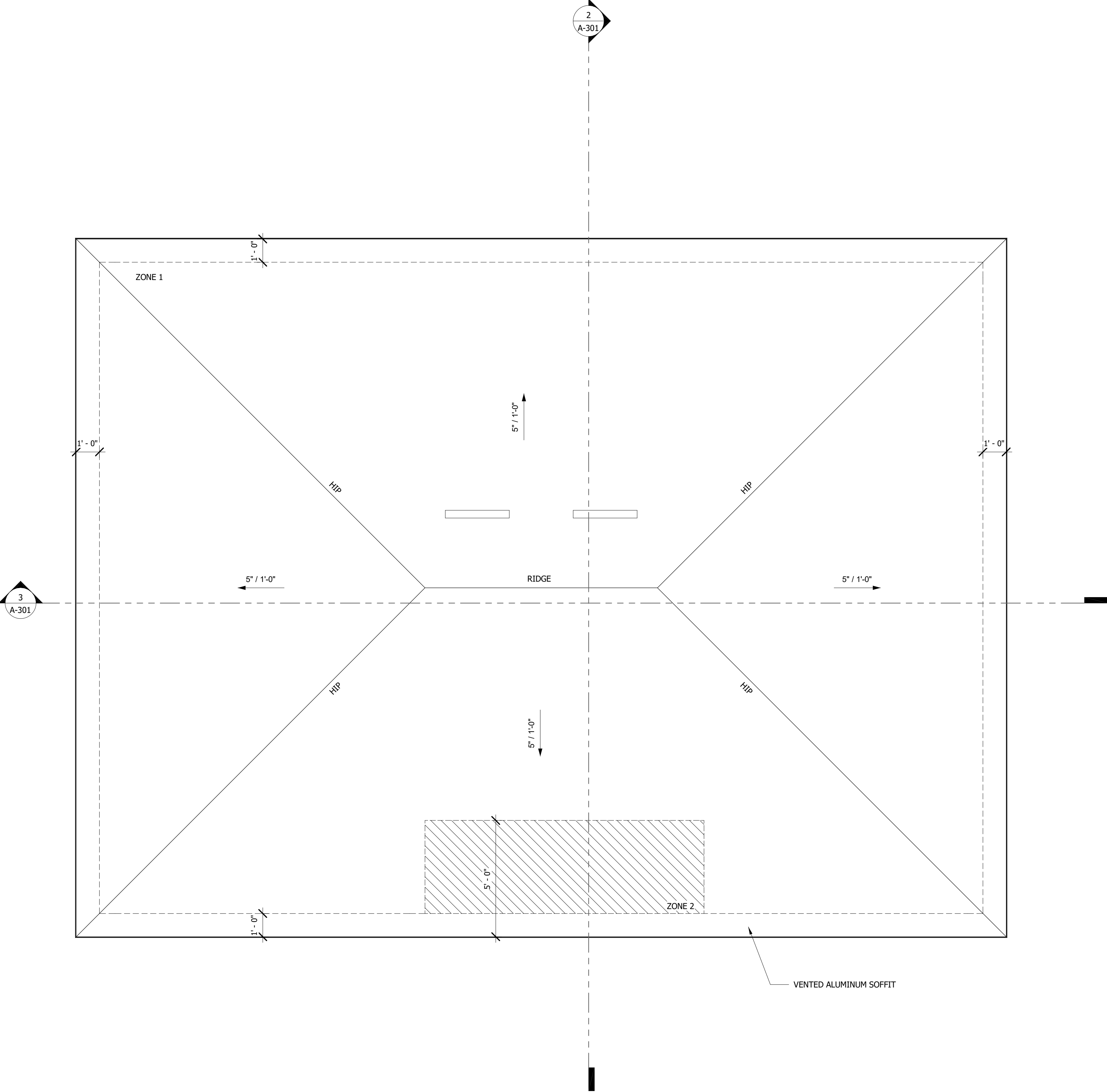
JOB #: 25-14622
DATE:
SHEET NUMBER

A-103

BID PROGRESS SET - NOT FOR CONSTRUCTION

ROOF LEGEND

DENOTES SINGLE OFF-RIDGE VENT



1 ROOF PLAN
3/8" = 1'-0"



AR102538-CA30900

ISSUE - REVISION LOG

[illegible]

JOB NAME: HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

SHEET NAME: EXTERIOR ELEVATIONS

ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
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CONSTRUCTION.

JOB #: 25-14622

DATE: _____

A-201

[illegible]



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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION

	SEAL
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JOB NAME HOUSING ASSISTANCE PROGRAM - WOODBURY RESIDENCE 826 N WEST 6TH AVE., OCALA, FL 34475	SHEET NAME EXTERIOR ELEVATIONS
--	-----------------------------------

ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
NOTES SHALL BE BROUGHT
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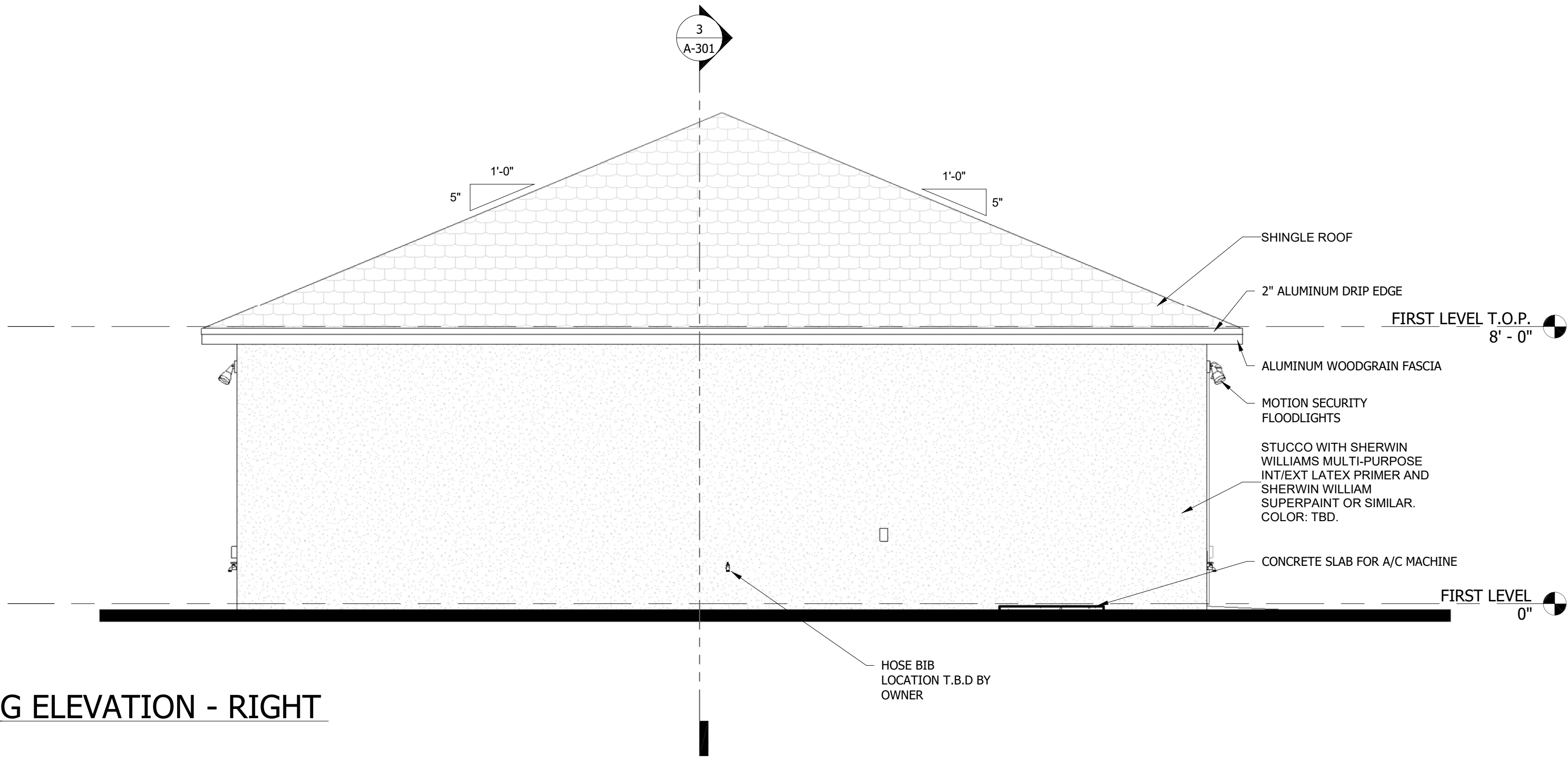
JOB # 25-14622

DATE:

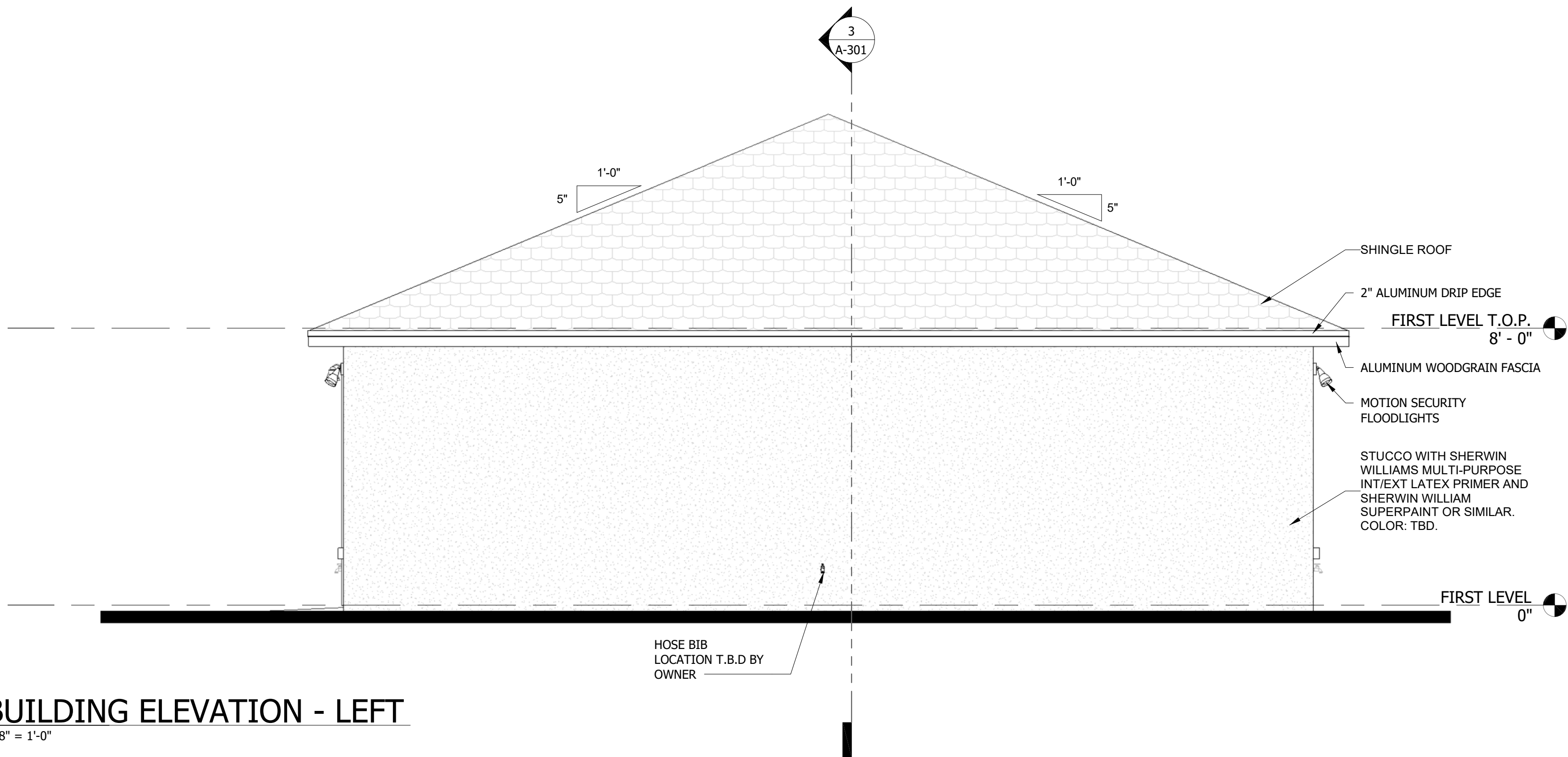
SHEET NUMBER

A-202

BID PROGRESS SET - NOT FOR CONSTRUCTION



1 BUILDING ELEVATION - RIGHT
3/8" = 1'-0"



3 BUILDING ELEVATION - LEFT
3/8" = 1'-0"



BID PROGRESS SET - NOT FOR CONSTRUCTION

ISSUE - REVISION LOG	
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SEAL

HOUSING ASSISTANCE PROGRAM - WOODBURY RESIDENCE 826 N WEST 6TH AVE., OCALA, FL 34475	SHEET NAME EXTERIOR ISOMETRIC
--	----------------------------------

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IS #: 25-14622

TE:

HEET NUMBER

A-203



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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION

MARK.	DATE	DESCRIPTION

MARK.	DATE	DESCRIPTION

MARK.	DATE	DESCRIPTION

JOB NAME HOUSING ASSISTANCE PROGRAM - WOODBURY RESIDENCE 826 N WEST 6TH AVE., OCALA, FL 34475	SHEET NAME BUILDING SECTIONS

ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION

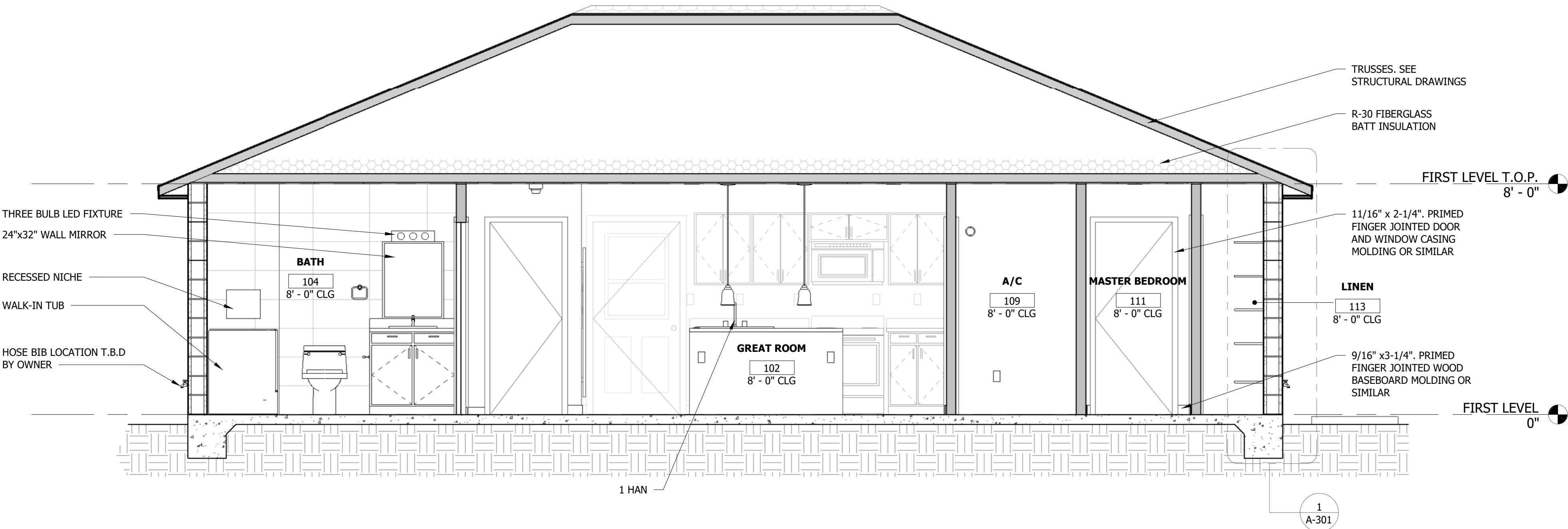
JOB # 25-14622

DATE

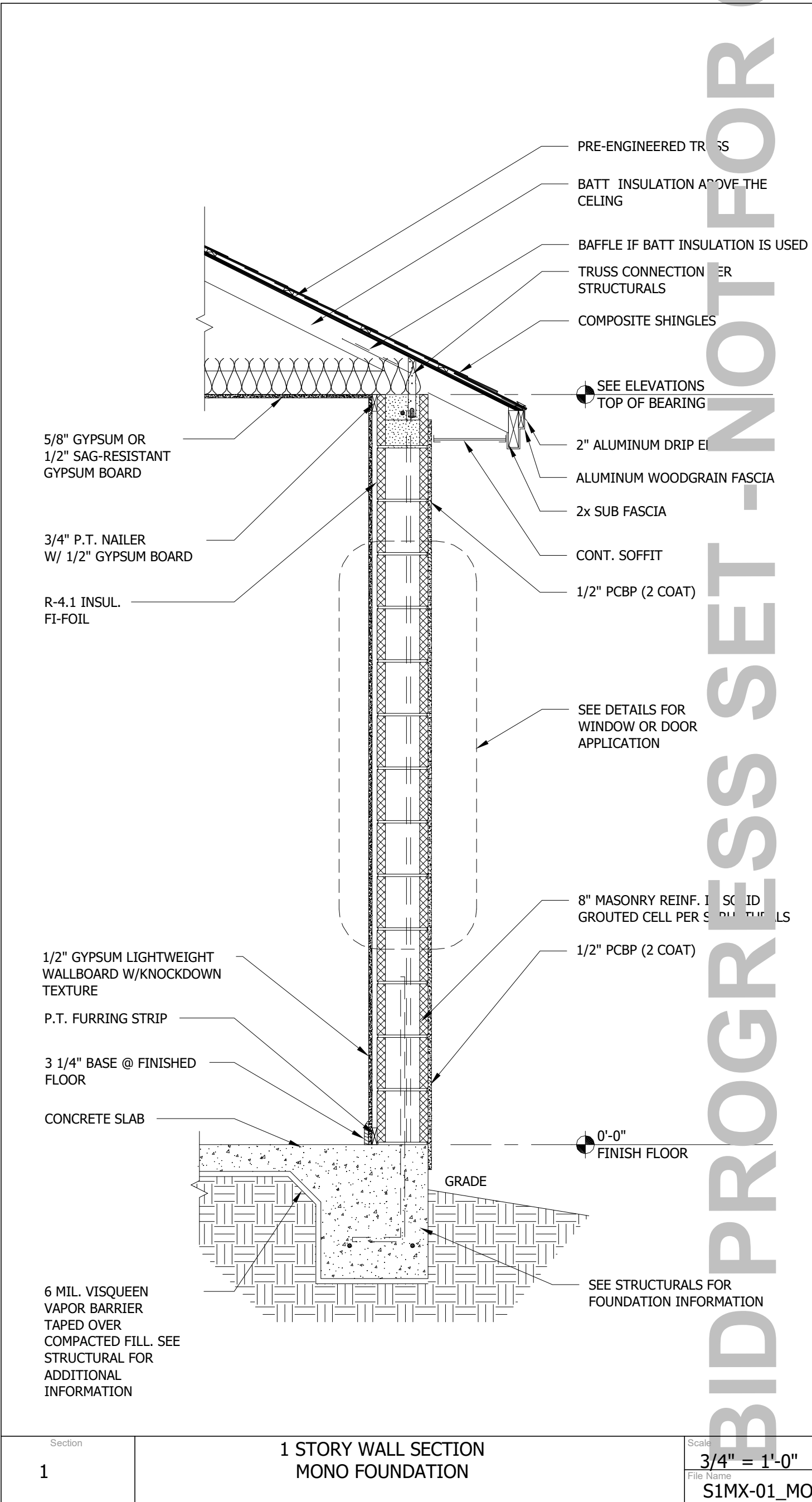
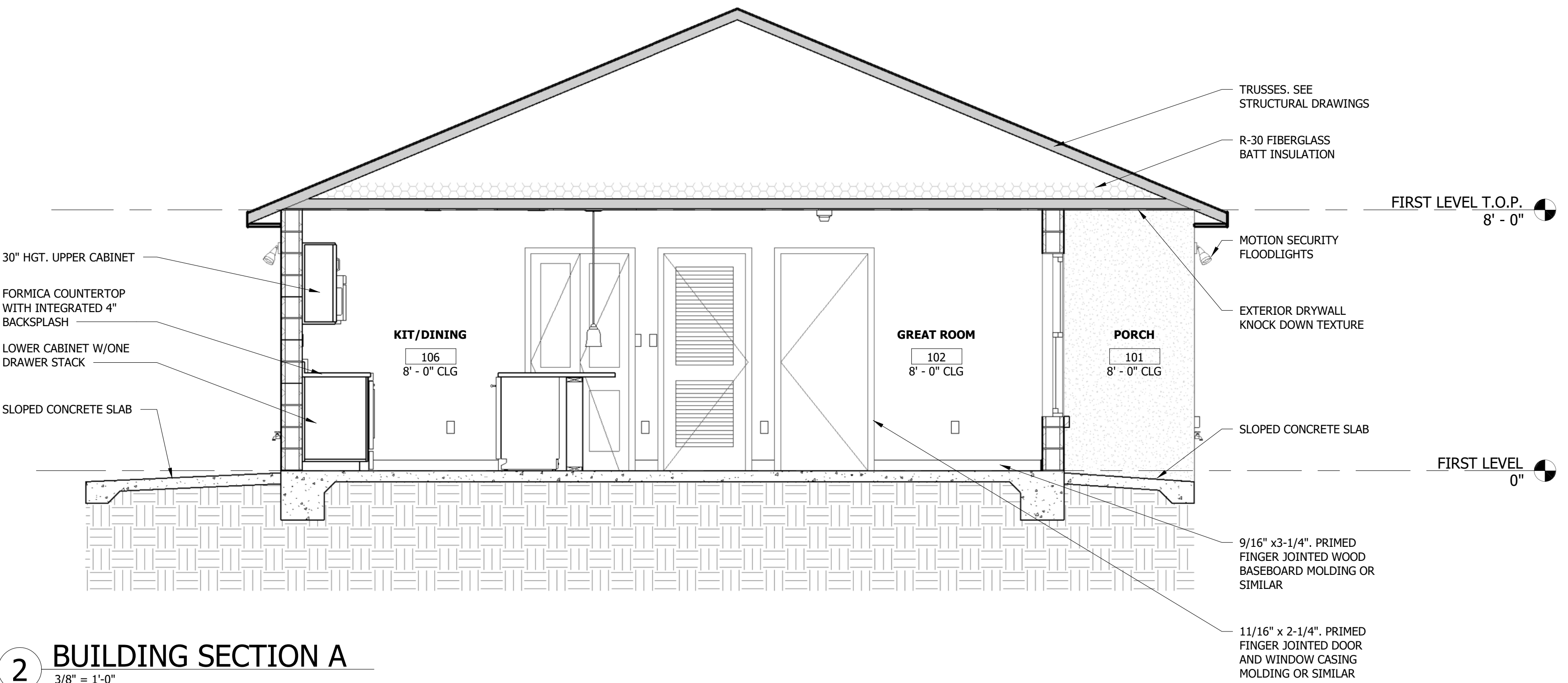
SHEET NUMBER

A-301

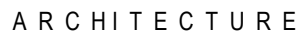
3 BUILDING SECTION B
3/8" = 1'-0"



2 BUILDING SECTION A
3/8" = 1'-0"



Section	1 STORY WALL SECTION MONO FOUNDATION	Scale 3/4" = 1'-0" Title Block S1MX-01_MDO
1		



AR102538-CA30900

ISSUE - REVISION LOG

JOB #:	25-14622
DATE:	
SHEET NUMBER	AD-02



METAL VALLEY FLASHING DETAIL

Scale 1 1/2" = 1'-0"

File Name DRS-03



RIDGE/HIP CAP FLASHING

3/8" = 1'-0"

SRS-01



SHEATHING FINISH AT ROOF

1" = 1'-0"



PIPE JACK DETAIL SHINGLE

Scale $1\frac{1}{2}" = 1'-0"$

File Name DRS-02



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ISSUE - REVISION LOG

[illegible]

HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

JOB NAME

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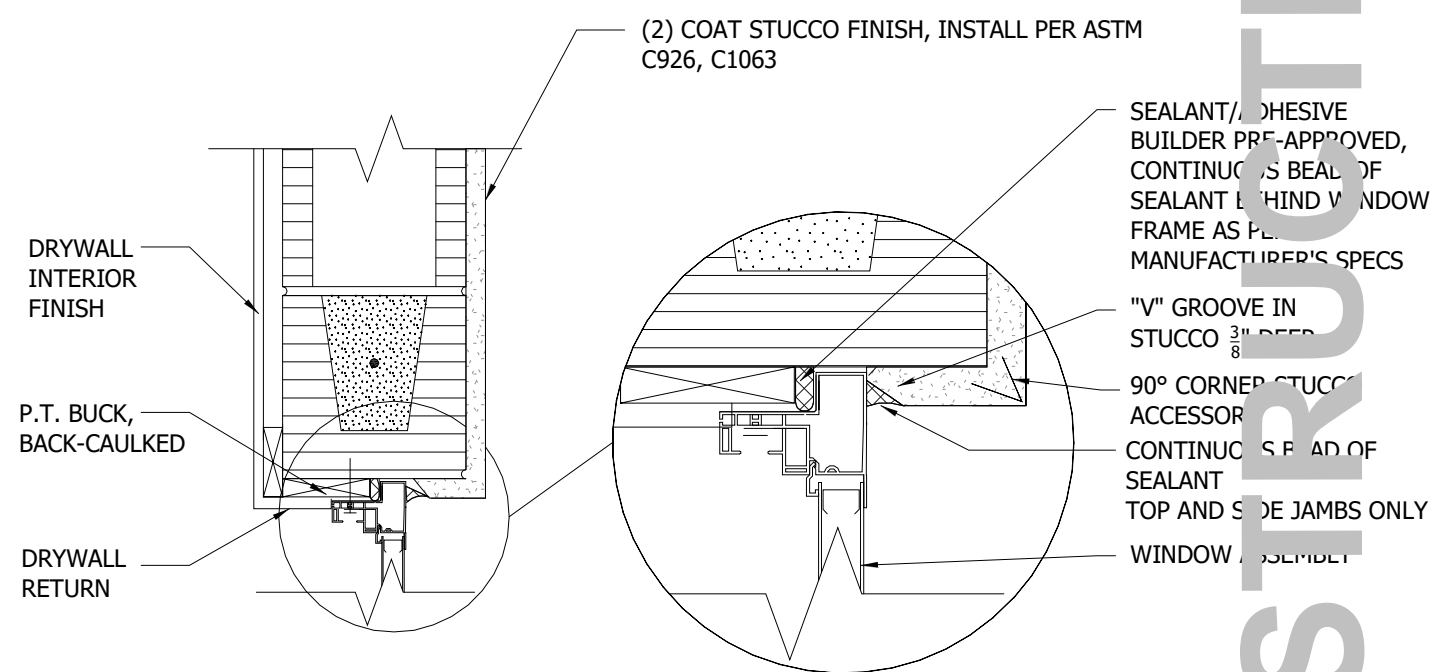
JOB #: 25-14622

DATE: _____

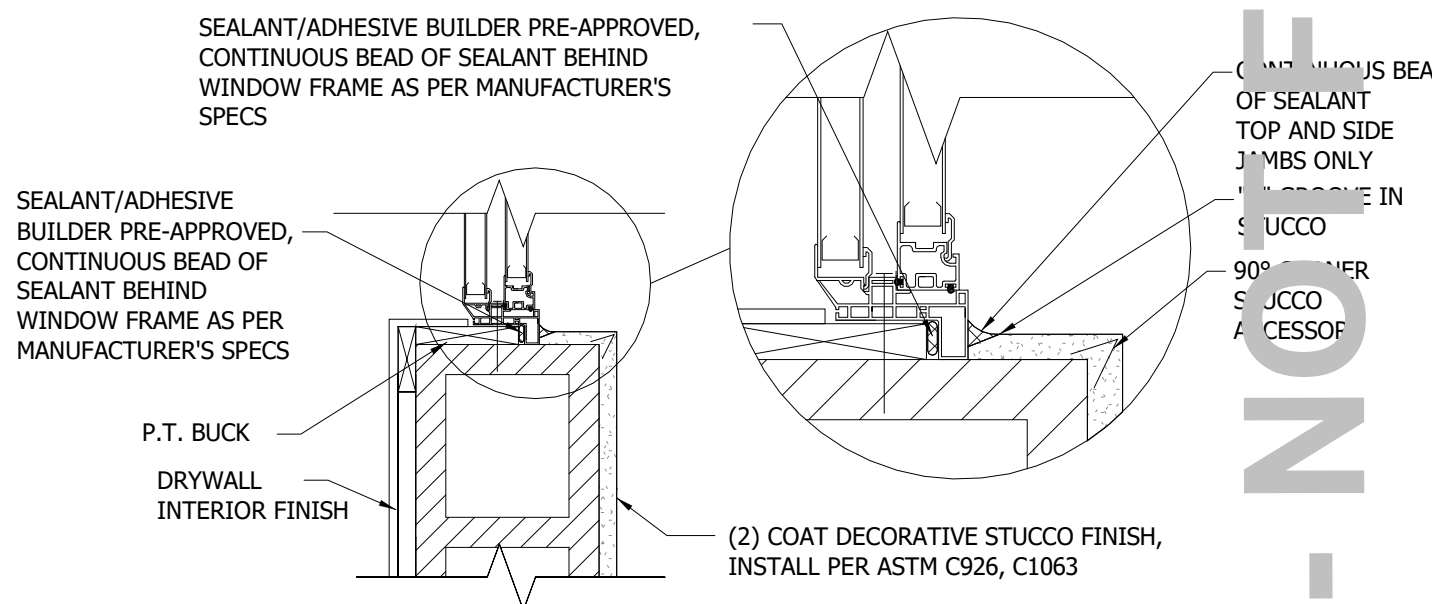
SHEET NUMBER

AD-03

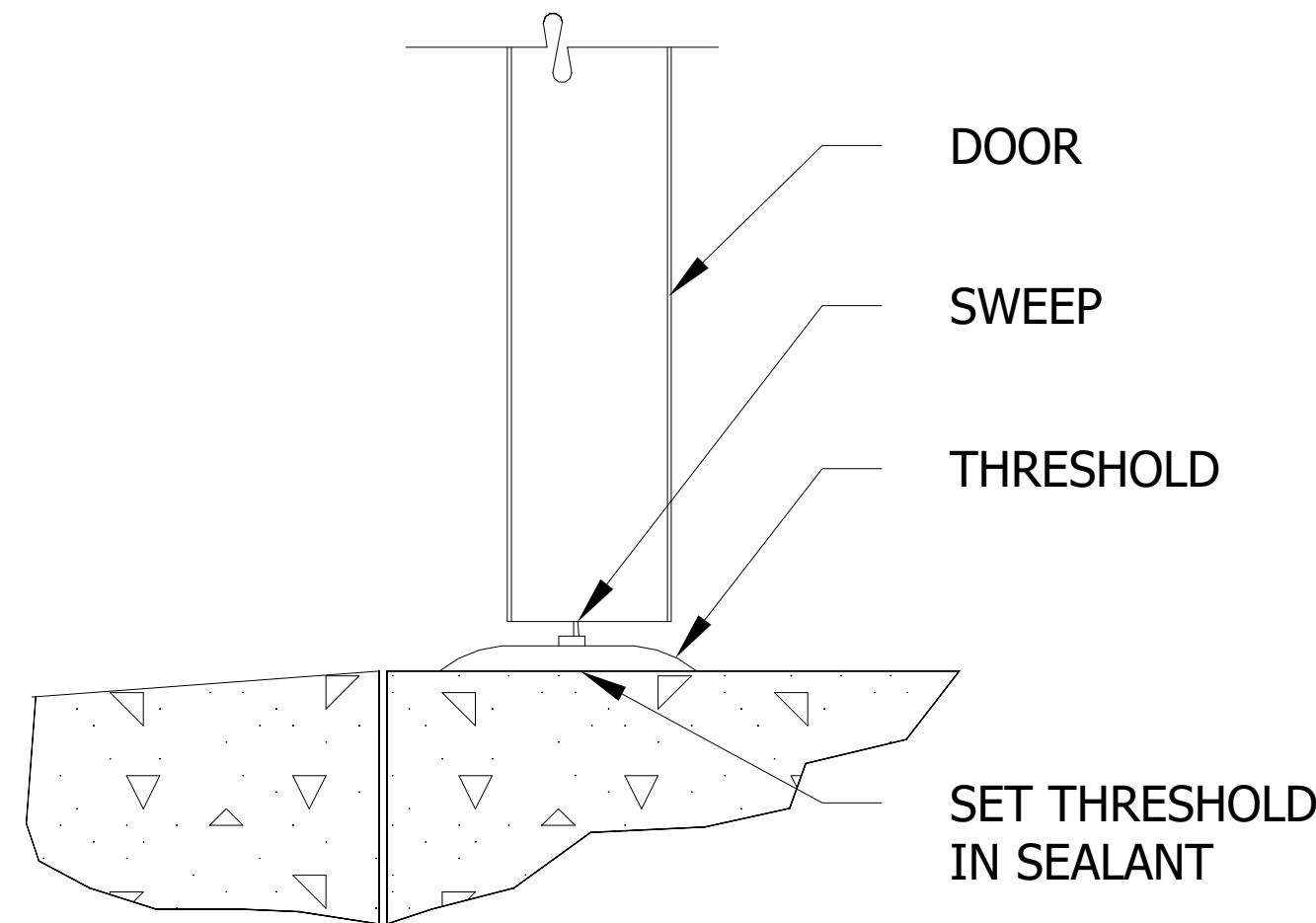
C:\Users\michelle\Documents\Documents\2025-09-10 HOUSING ASSISTANCE PROGRAM-WOODBURY RESIDENCE ARCH RVT24 01 michelleeq55JJB.rvt



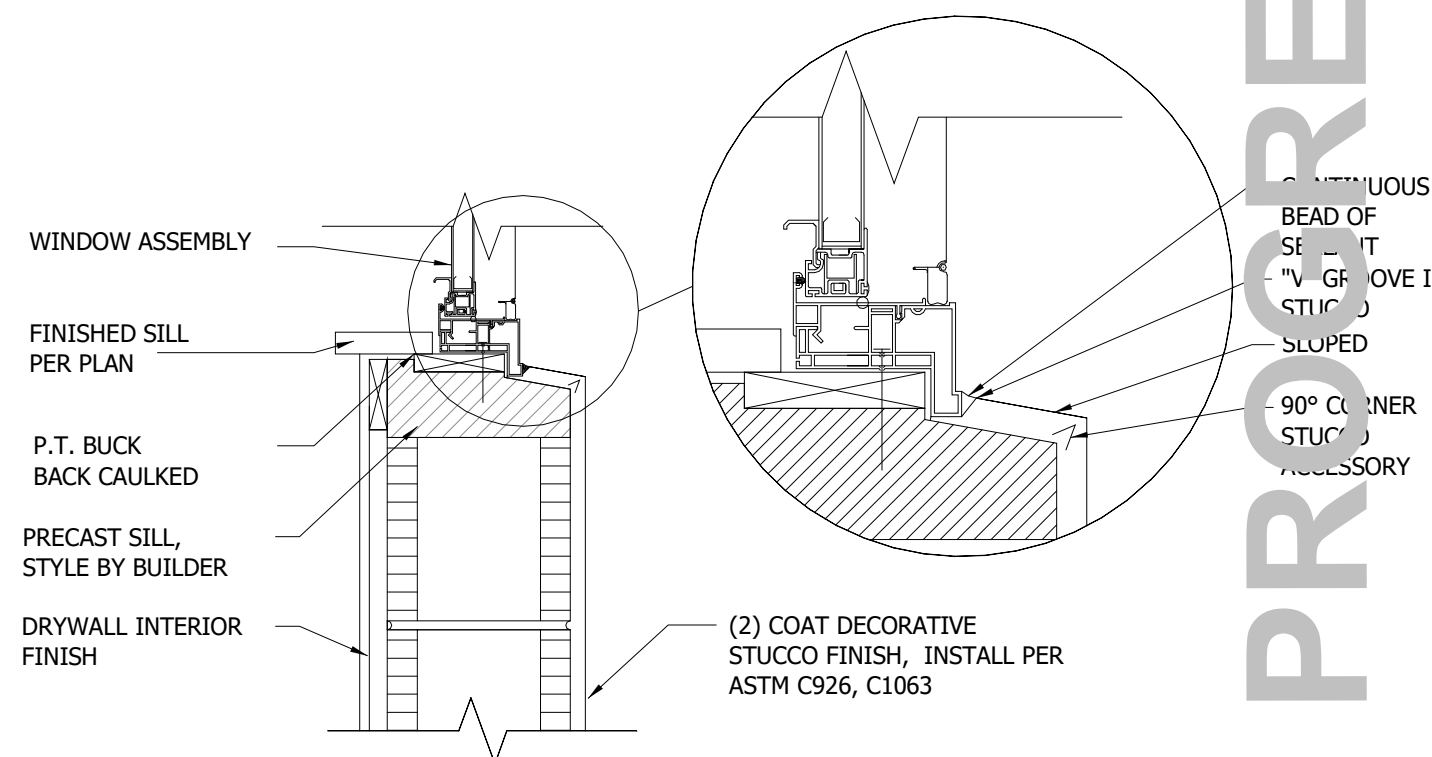
3	DETAIL AT WINDOW HEAD - CMU	$1 \frac{1}{2}" = 1$ File Name: 2
---	-----------------------------	--------------------------------------



2	DETAIL AT WINDOW SIDE JAMB - CMU	1 1/2" = 1 File Name ?
---	----------------------------------	--



4	SWINGING DOOR SILL	1/2" = 1'
		File Name



1	DETAIL AT WINDOW SILL - CMU	1 1/2" = 1 File Name ?
---	-----------------------------	---



AR102538-CA30900

[illegible]

HOUSING ASSISTANCE PROGRAM -
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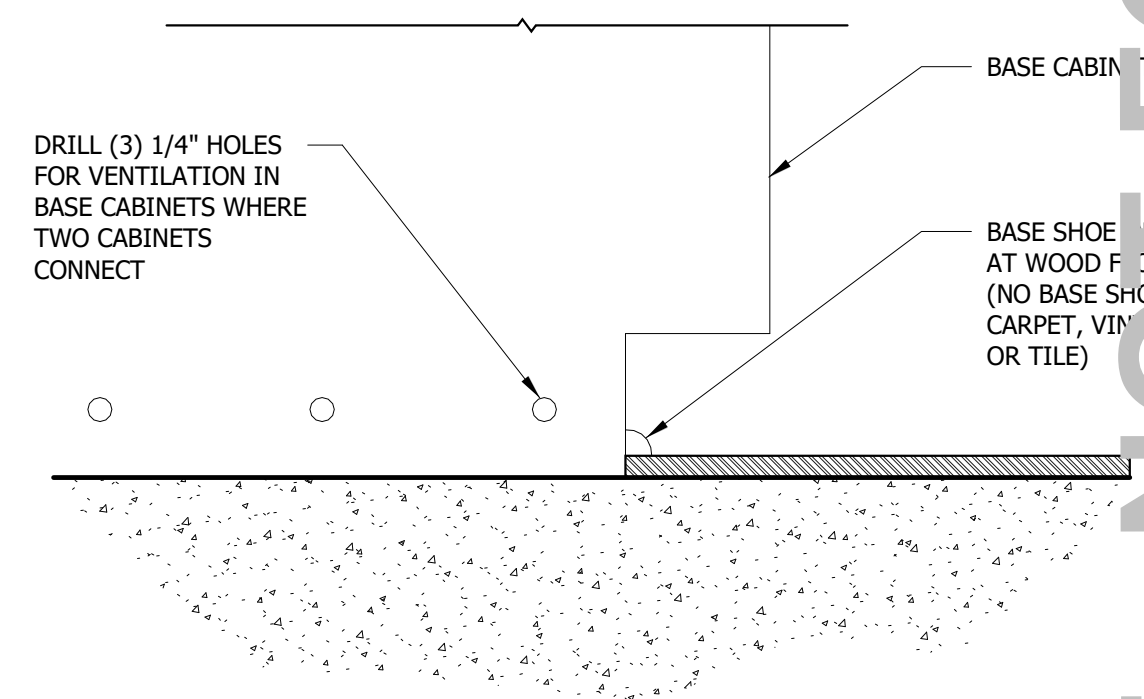
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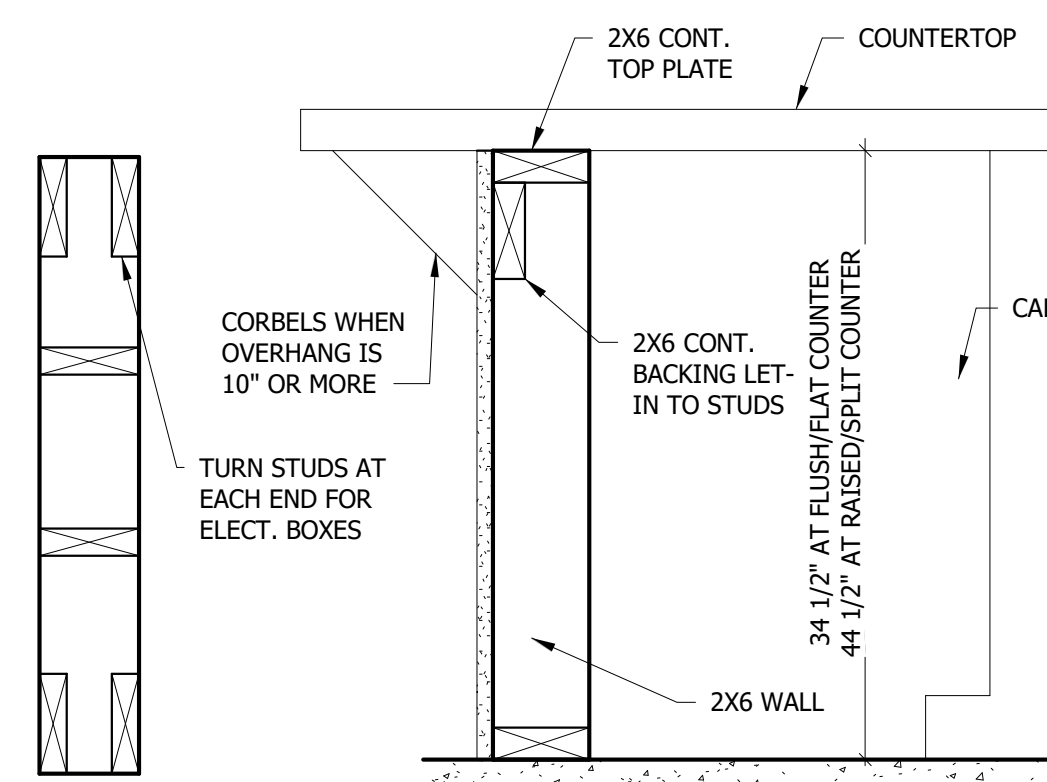
SHEET NUMBER

AD-06

[illegible]

PLAN VIEW

SIDE VIEW



PLAN VIEW

SIDE VIEW

ABBREVIATIONS

AB	ANCHOR BOLT	JT	JOINT
A.F.F.	ABOVE FINISH FLOOR	КСI	KIPS PER SQUARE INCH
ADJ	ADJACENT	LT	LIGHT
AL	ALUMINUM	LV	LOUVER
ARCH	ARCHITECTURAL	LT	LAUNDRY TUB
ATT	ATTACHED	MAS	MASONRY
BD	BOARD	MATL	MATERIAL
BLDG	BUILDING	MAX	MAXIMUM
BM	BEAM	MECH	MECHANICAL
BOT	BOTTOM	MIN	MINIMUM
BLKG	BLOCKING	MET	METAL
BRG	BEARING	(N.T.S.)	NOT TO SCALE
CJ	CONTROL JOINT	OC	ON CENTER
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
COL	COLUMN	OPT	OPTIONAL
CONC	CONCRETE	OSB	ORIENTED STRAND BOARD
COND	CONDITION	OZ	OUNCE
CONT	CONTINUOUS	1/R	ONE ROD
CONST	CONSTRUCTION	1/S	ONE SHELF
CSK	COUNTERSINK	PRCAST	PRECAST
C.O.	CASED OPENING	PREFAB	PREFABRICATED
C.T.	CERAMIC TILE	PB	PARTICLE BOARD
CLG	CEILING	PCBP	PORTLAND CEMENT BASED PLASTER
C.M.	CROWN MOULD	PL	PLATE
C.R.	CHAIR RAIL	PNL	PANEL
D	DRYER	PLY	PLYWOOD
d	PENNY	PR	PAIR
dbl	DOUBLE	PROJ	PROJECT/PROJECTED
DET	DETACHED	PSI	POUNDS PER SQ. IN.
DIA	DIAMETER	PSF	POUNDS PER SQ. FT.
DIR	DIRECTION	PT	PRESSURE TREATED
DN	DOWN	QUAD	QUADRUPLE
DR	DOOR	REF	REFERENCE
DW	DISHWASHER	REINF	REINFORCE-ING-ED
DWG	DRAWING	REQD	REQUIRED
DS	DOWNSPOUT	RM	ROOM
DTL	DETAIL	RNG	RANGE
EA	EACH	RGH OPNG	ROUGH OPENING
EXP JT	EXPANSION JOINT	R	RISER
ELEC	ELECTRICAL	RND	ROUND
EL	ELEVATION	R.&S.	ROD AND SHELF
EQ	EQUAL	SCH	SCHEDULE
EQUIP	EQUIPMENT	SHLV	SHELF
EXP	EXPANSION	SHTHG	SHEATHING
EXT	EXTERIOR	SIM	SIMILAR
FD	FLOOR DRAIN	SP	SOUTHERN PINE
FDN	FOUNDATION	SPF	SPURCE-PINE-FIR
FL	FLOOR	SR	SHOWER ROD
FP	FIREPLACE	SST	STAINLESS STEEL
FR	FRAME	STL	STEEL
FT	FOOT/FEET	STR	STRUCTURAL
FTG	FOOTING	SUSP	SUSPENDED/SUSPENSION
GA	GAUGE	SGD	SLIDING GLASS DOOR
GALV	GALVANIZED	SQ	SQUARE
GC	GENERAL CONTRACTOR	TB	TOWEL BAR
GEN	GENERAL	TP	TOILET PAPER DISPENSER
GRADE	TOP OF FINISH GRADE	T & G	TONGUE AND GROOVE
GYP	GYPSUM	TYP	TYPICAL
HDWR	HARDWARE	T OR TR	TREAD
HDWD	HARDWOOD	TPL	TRIPLE
HGT	HEIGHT	UNO	UNLESS NOTED OTHERWISE
HOR	HORIZONTAL	VERT	VERTICAL
HR	HOSE BIBB	VP	VENT PIPE
HDR	HEADER	W	WASHER
HB	HOSE BIBB	W/	WITH
ID	INSIDE DIAMETER	WC	WATER CLOSET
INS	INSULATION	WD	WOOD
INT	INTERIOR	WWF	WELDED WIRE FABRIC
ID	INSIDE DIAMETER	W/O	WITHOUT
		WDW	WINDOW

1. GENERAL REQUIREMENTS

1.1 DESIGN CODE:

- TO THE BEST OF THE DESIGN PROFESSIONALS KNOWLEDGE, THESE DOCUMENTS HAVE BEEN PREPARED WITH AND ARE IN COMPLIANCE WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE CHAPTERS 553 AND 633 OF THE FLORIDA STATUTES. THESE DOCUMENTS MEET OR EXCEED THE REQUIREMENTS OF: THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023)

1.2 DESIGN CRITERIA:

- REFERENCE STANDARDS
 - ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 318 AND 332.
 - ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH ACI 530/530.1; AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE); TMS 402.
 - REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 318
 - ALL WOOD FRAMING SHALL BE IN ACCORDANCE WITH THE EDITIONS LISTED IN THE FLORIDA BUILDING CODE OF THE FOLLOWING REFERENCED DOCUMENTS:
 - NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION BY THE AMERICAN FOREST AND PAPER ASSOCIATION (APPA)
 - TIMBER CONSTRUCTION MANUAL BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
 - NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSSES (ANSI: TPI-1 BY TRUSS PLATE INSTITUTE (TPI))
 - GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES (BCSI BY TPI AND WTCA).
 - ROOF AND WALL SHEATHING SHALL BE IN ACCORDANCE WITH APA PS 1-09.
 - AMERICAN WOOD PROTECTION ASSOCIATION STANDARDS.

1.3 DESIGN LOADS

- | | UNIFORM | CONCENTRATED |
|---|----------------------------|--------------|
| 1. ROOF DEAD LOADS: <ol style="list-style-type: none">TOP CHORD (ROOF)BOTTOM CHORD (CEILING) | 10 PSF
20 PSF | |
| 2. ROOF LIVE LOADS: | | |
| 3. DEAD LOAD FOR UPLIFT CALCULATION: | | |
| 4. ATTIC LIVE LOADS: <ol style="list-style-type: none">UNINHABITABLE - NO STORAGEUNINHABITABLE - NO STORAGEHABITABLE AND SERVED BY FIXED STAIRS | 10 PSF
20 PSF
30 PSF | |
| 5. FLOOR DESIGN LIVE LOADS: <ol style="list-style-type: none">SLEEPING ROOM:ALL OTHER ROOMS:EXTERIOR BALCONIES AND DECK: | 30 PSF
40 PSF
40 PSF | |
| 6. FLOOR DESIGN DEAD LOADS: | 15 PSF | |
| 7. STAIR DESIGN LIVE LOADS: | 40 PSF | 300# |
| 8. GUARDRAILS AND HANDRAILS: <ol style="list-style-type: none">INFILL COMPONENTS:POINT LOAD APPLIED ANYWHERE ALONG THE TOP IN ANY DIRECTION: | | 50 #
200# |
| 9. FIRE ESCAPES | 40 PSF | |
| 10. PASSENGER VEHICLE GARAGES | 50PSF | 2,000# |

1.4 STRUCTURE CATEGORY AND CONSTRUCTION:

- | | |
|---|----------------|
| <ol style="list-style-type: none">BUILDING RISK CATEGORY:BUILDING CONSTRUCTION TYPE:OCCUPANCY CLASSIFICATION:WIND SPEED PER ASCE 7-22:WIND SPEED PER ASCE 7-22:EXPOSURE:ENCLOSURE CLASSIFICATION:INTERNAL PRESSURE COEFFICIENT:WIND-BORNE DEBRIS ZONE:REFER TO DRAWINGS FOR NUMBER OF STORIES AND STRUCTURE HEIGHT | II
TYPE V-B |
|---|----------------|

1.5 GENERAL:

- CONTRACTOR AND SUB-CONTRACTORS SHALL STRICTLY OBSERVE ALL APPLICABLE CODES DURING THE COURSE OF CONSTRUCTION INCLUDING ALL STATE, CITY, AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE CODES. CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL NOTIFY THE DESIGN PROFESSIONAL OF RECORD OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
- THE ARCHITECT / ENGINEER SHALL NOT BE RESPONSIBLE FOR SAFETY PROCEDURES, THE MEANS AND METHODS OF CONSTRUCTION, TECHNOLOGIES, OR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS OR THE RELATED CODES.
- CONTRACTOR SHALL FULLY REVIEW ALL ITEMS CONTAINED IN THE DRAWING AND SHALL COORDINATE ALL DIMENSIONS, LOCATE DEPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, BOLT SETTINGS, SLEEVES, ETC.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCING.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL CONSTRUCTION SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE APPLICABLE FLORIDA BUILDING CODE AND LOCAL ORDINANCES.
- ALL CODES, TRADE STANDARDS, AND MANUFACTURER'S INSTRUCTIONS NOTED IN THE DOCUMENTS SHALL BE THE LATEST ADOPTED EDITION.
- NOTES, DETAILS, AND SECTIONS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED "TYPICAL" IMPLY ALL CONDITIONS TREATED SIMILARLY. CONTRACTOR SHALL MAKE MODIFICATIONS TO ACCOMMODATE MINOR VARIATIONS.
- THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES OR MODIFICATIONS WITHOUT EXPRESSED WRITTEN APPROVAL OF THE DESIGN PROFESSIONAL OF RECORD.

2.1 SITE WORK

2.1 SOIL:

- ALL WORK SHALL CONFORM TO THE FINAL GEOTECHNICAL REPORT AND FINAL GRADING PLAN ACCEPTED BY THE AUTHORITY HAVING JURISDICTION.
- ALL SITE PREPARATORY WORK REQUIRED BY THE GEOTECHNICAL REPORT SHALL BE PRESUMED TO BE COMPLETED PRIOR TO COMMENCEMENT OF WORK.
- IF SOILS REPORT IS NOT AVAILABLE, SOIL BEARING CAPACITY IS ASSUMED TO BE A MINIMUM OF 1.5 TONS PER SQUARE FOOT.
- CONTRACTOR SHALL VERIFY COMPACTION REQUIREMENTS PRIOR TO THE EXECUTION OF WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL PRIOR TO COMMENCEMENT OF WORK.
- FOOTINGS SHALL BE PLACED ON UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL FREE OF ORGANIC MATTER AND COMPACTED TO 95% OF THE MODIFIED PROCTOR, UNLESS OTHERWISE STATED IN THE GEOTECHNICAL REPORT.
- BOTTOM OF FOOTINGS SHALL BE -INCHES MINIMUM BELOW FINISHED GRADE, OR AS REQUIRED BY LOCAL REQUIREMENTS.
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, CELLULOSE CONTAINING MATERIALS, OR TRASH SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING.
- WATER MANAGEMENT AT THE PERIMETER SHALL BE MAINTAINED AND SHALL INCLUDE:
 - CONDENSATE DRAINS AND ROOF DOWN SPOUTS SHALL DISCHARGE AT LEAST 1'-0" FROM BUILDING SIDEWALLS.
 - IRRIGATION / SPRINKLER SYSTEMS, INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF BUILDING SIDEWALLS.

2.2 SOIL TREATMENT PER FBC R 8TH EDITION (2023) SECTION 318:

- TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD OR OTHER APPROVED METHODS.
- BOXED AREAS IN CONCRETE FLOORS FOR INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS SHALL BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER INITIAL TREATMENT.
- SOIL SHALL BE PROTECTED WITH MINIMUM 6 MIL VAPOR RETARDER FOLLOWING TREATMENT.
- AFTER COMPLETION OF WORK, ALL LOOSE WOOD AND ORGANIC MATERIAL SHALL BE REMOVED FROM WITHIN 1'-0" OF THE BUILDING PERIMETER.
- AT COMPLETION OF TERMITE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE SHALL STATE:
 - "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

3. CONCRETE

3.1 CONCRETE:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE ACI 318.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28-DAYS OF PSI, COMPLYING WITH ASTM C-94 UNLESS NOTED OTHERWISE IN DRAWINGS.
- A MIX DESIGN SHALL BE SUBSTITUTED TO THE DESIGN PROFESSIONAL OF RECORD FOR ALL CONCRETE USED PRIOR TO PLACEMENT OF ANY CONCRETE.
- MATERIALS FOR CONCRETE SHALL CONFORM TO THE FOLLOWING:
 - PORTLAND CEMENT - ASTM C 150
 - AGGREGATES:
 - COURSE AGGREGATE - ASTM C33
 - LIGHTWEIGHT AGGREGATE - ASTM C33
 - FINE AGGREGATE - ASTM C33
- WATER SHALL BE CLEAN, POTABLE AND FREE OF CONTAMINANTS
- ADMIXTURES SHALL BE AS NOTED IN THE APPROVED MIX DESIGN.

3.2 TESTING AND SAMPLES

- ALL TESTING OF CONCRETE SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH ASTM PROTOCOL. TEST REPORTS SHALL BE SUBMITTED TO THE DESIGN PROFESSIONAL OF RECORD WITHIN SEVEN-DAYS OF LABORATORY TESTING.
- THREE (3) TEST CYLINDERS SHALL BE MADE FOR EACH DAY'S POUR, FOR APPROXIMATELY 50 YARDS OF CONCRETE PLACED.
- SUMP TEST SHALL BE MADE ON EACH BATCH TESTED IN ACCORDANCE WITH ASTM C143.
- ONE CYLINDER SHALL BE BROKEN AT 7-DAYS AND ONE AT 28-DAYS. IF NO FURTHER TEST IS NEEDED, THE RESERVE CYLINDER MAY BE DISCARDED AFTER SIXTY DAYS.

3.3 GROUT:

- GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 HAVING A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- FILL CMU CELLS SOLID WITH GROUT AT ALL UNITS RECEIVING REINFORCEMENT AND AS INDICATED ON DRAWINGS.
- FILL SOLID FIRST COURSE BELOW CHANGE IN WALL THICKNESS AND AT TOP OF ALL CMU WALLS.
- GROUT SHALL BE PLACED FLUSH TO THE TOP OF ALL LINTELS AND BOND BEAMS.
- CONSOLIDATE AND RECONSOLIDATE GROUT WITH VIBRATOR FOR FULL HEIGHT OF FILLED CELLS, BOND BEAMS, AND LINTELS.

3.4 REINFORCING

- REINFORCING SHALL HAVE GRADE IDENTIFICATION MARKS AND SHALL CONFORM TO ASTM A615 GRADE 40 OR 60.

REINFORCING STEEL MINIMUM REQUIREMENTS							
40 KSI				60 KSI			
BAR SIZE	MINIMUM LAP	MINIMUM BEND DIA.	MINIMUM ACI HOOK	BAR SIZE	MINIMUM LAP	MINIMUM BEND DIA.	MINIMUM ACI HOOK
#4	20"	3"	10"	# 4	24"	3"	10"
#5	25"	3-3/4"	10"	# 5	30"	3-3/4"	10"
#6	34"	4-1/2"	12"	# 6	36"	4-1/2"	11"
#7	42"	5-1/4"	12"	# 7	42"	5-1/4"	13"

- REINFORCING SHALL BE FREE OF RUST, SCALE, OR OTHER BOND-REDUCING COATINGS.
- REINFORCING SHALL BE PLACED IN CONCRETE TO PROVIDE MINIMUM COVERAGE IN ACCORDANCE WITH ACI 318, OR AS INDICATE HEREIN:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3-INCHES.
 - CONCRETE EXPOSED TO EARTH OR WEATHER - 1 1/2-INCHES.
 - CONCRETE NOT EXPOSED. CONCRETED TO WEATHER OR IN CONTACT WITH GROUND - 3/4- INCHES
- ACCURATELY PLACE AND SUPPORT REINFORCING WITH CHAIRS, BAR SUPPORTS, SPACERS, OR HANGERS AS RECOMMENDED BY ACI DETAILING MANUAL.
- PLACE ONE (1) ACI STANDARD LAP SPLICE BAR, OF THE SAME SIZE AS FOUNDATION REINFORCING, LOCATED AT THE OUTSIDE BAR OF FOUNDATION CORNERS.
- WELDED WIRE MESH, IF USED, SHALL BE IN ACCORDANCE WITH ASTM A82 AND SHALL BE 6x6xW1.4xW1.4, UNLESS NOTED OTHERWISE ON DRAWINGS.
 - INSTALL WELDED WIRE MESH IN THE MIDDLE OF THE SLAB AND SUPPORT WITH APPROVED MATERIALS OR SUPPORTS AT SPACING NOT TO EXCEED 3 FEET ON CENTER OR IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
 - LAP ALL JOINTS IN WELDED WIRE MESH 8"
- FIBER MESH, IF USED, SHALL BE IN LIEU OF WELDED WIRE MESH AND AS SPECIFIED IN THE CONCRETE DESIGN MIX.

3.5 PLACEMENT AND FINISHING

- ALL CONCRETE PLACED UNDER ROOF PROTECTION SHALL BE PLACED OVER MIL POLYETHYLENE VAPOR BARRIER, LAPPED 6" MINIMUM WITH ALL SEAMS TAPED, UNLESS NOTED OTHERWISE
- PLACE ALL EMBEDDED ITEMS (ANCHOR BOLTS, DOWELS, ETC.) IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE OR DURING CONCRETING OPERATIONS.
- PROTECT ALL CONCRETE FROM DAMAGE AFTER PLACEMENT.
- CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF BATCHING.
- CONCRETE SHALL BE PLACED WITHIN THE SLUMP LIMITS SPECIFIED IN THE DESIGN MIX.
- WATER ADDED AT THE SITE SHALL BE KEPT TO A MINIMUM AND WITHIN THE SPECIFIED SLUMP. RUN MIXER FOR 30 REVOLUTIONS AT EIGHT TO TWELVE RPM FOLLOWING THE ADDITION OF WATER AT THE SITE.
- CONCRETE SHALL NOT BE PLACED DURING RAIN. FOLLOWING PLACEMENT OF CONCRETE, PROTECT FROM RAIN PRIOR TO INITIAL SET.
- PLACEMENT SHALL BE CONTINUOUS UNTIL ALL WORK IS COMPLETED.
- DO NOT USE CONTAMINATED, DETERIORATED, OR RE-TEMPERED CONCRETE.
- THOROUGHLY WORK CONCRETE AROUND REINFORCING BARS.
- PLACE CONCRETE TO GRADES AND ELEVATIONS REQUIRED FOR PROJECT
- REMOVE ALL GRADE STAKES AFTER PLACEMENT OF CONCRETE.
- CONTRACTOR SHALL INSTALL SAW-CUT CONTROL JOINTS IN CONCRETE SLABS PER ACI 224.3R AS FOLLOWS:
 - PROVIDE SAW-CUT FOLLOWING FINISHING AS SOON AS CUT EDGES WILL NOT RAVEL
 - SAW CUTS SHALL BE A MINIMUM OF 1/8 " WIDE
 - CUTS SHALL BE 1/4 OF SLAB DEPTH NO LESS THAN 1", WHICHEVER IS GREATER. FOR STEEL-FIBER-REINFORCED SLABS 1/3 THE SLAB DEPTH.
 - SAW CUTS SHALL NOT EXCEED 12 FEET IN ANY DIRECTION
 - LOCATE SAW CUT JOINTS:
 - MAKE PANELS AS SQUARE AS POSSIBLE
 - JOINT LOCATIONS SHALL NOT EXCEED 1.5 TO 1 RATIO
 - PANELS SHALL NOT HAVE "T" OR "L" SHAPE
 - NO RE-ENTRANT CORNERS SHALL BE ALLOWED
- PROVIDE SURFACE FINISH REQUIRED FOR INTENDED FINAL APPLICATION.
- SILL PLATE ANCHORS SHALL BE AS SPECIFIED IN SECTION 6.
- CONSOLIDATE CONCRETE DURING PLACEMENT OPERATIONS.

4. MASONRY

4.1 MATERIALS

- ALL HOLLOW LOAD-BEARING CONCRETE BLOCK SHALL CONFORM TO ASTM C90.
- COMPRESSIVE STRENGTH OF ALL CONCRETE MASONRY UNITS (CMU) SHALL BE 2000 PSI MINIMUM BASED ON THE NET CROSS SECTIONAL AREA.
- MORTAR SHALL BE TYPE S AND SHALL CONFORM TO ASTM C270.
- GROUTING SHALL BE AS SPECIFIED IS SECTION 3.3.

4.2 EXECUTION

- ALL CONCRETE MASONRY UNITS SHALL BE LAID IN FULL SETTING BED.
- ALL CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE ON DRAWINGS.
- OVER ALL MASONRY OPENINGS IN WALLS, PROVIDE PRE-CAST LINTELS, CAST-IN-PLACE CONCRETE TIE-BEAMS, BOND BEAMS OR OTHER HEADERS AS INDICATED ON DRAWINGS.
 - LINTELS AND BOND BEAMS SHALL BE REINFORCED AND FULLY GROUTED SOLID UNLESS OTHERWISE INDICATED ON DRAWINGS.
 - TIE-BEAMS SHALL BE REINFORCED AND POURED SOLID WITH CONCRETE.
 - VERTICAL REINFORCING AT OPENINGS SHALL BE AS INDICATED ON DRAWINGS
- VERTICAL FILLED CELLS SHALL MEET THE FOLLOWING:
 - HAVE A MINIMUM OF ONE (1)#5 REBAR, LAPPED AND TIED FOR FULL LENGTH OF FILLED CELL.
 - VERTICAL REINFORCING SHALL BE LAPPED AND TIED TO FOUNDATION DOWEL EMBEDDED IN FOOTING.
 - TERMINATE VERTICAL REINFORCING AT THE TOP WITH A STANDARD ACI HOOK LAPPED AND TIED TO HORIZONTAL REINFORCING IN BOND BEAM, TIE-BEAM, OR LINTEL
 - REFER TO SECTION 3 FOR GROUT AND REINFORCING REQUIREMENTS
- PROVIDE TEMPORARY BRACING FOR ALL CMU WALLS AND STEM WALLS DURING CONSTRUCTION.
- PROVIDE MASONRY CONTROL JOINTS AS REQUIRED BY ACI 530.
- IF DOWELS ARE MISPLACED OR MISSING, THE FOLLOWING REMEDIAL ACTION MAY BE TAKEN, AS APPROPRIATE:
 - IF THE WALL HAS NOT BEEN BUILT: DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE CORRECT LOCATION. INSTALL A 36" LONG #5 REBAR WITH SIMPSON TYPE "SET-XP" EPOXY. FOLLOW THE MANUFACTURER'S REQUIREMENTS REGARDING CLEANING THE HOLE AND MIXING THE EPOXY.
 - IF THE WALL HAS BEEN BUILT: PRIOR TO LINTEL POUR, OPEN THE WALL AT THE CORRECT LOCATION APPROX. 16" HIGH AND 4" WIDE AT THE FLOOR. DRILL AND EPOXY A REBAR AS DESCRIBED ABOVE. LAP VERTICAL STEEL TO THE TIE OR BOND BEAM. FORM WALL AND POUR SOLID WITH GROUT.

5. METALS

5.1 MATERIALS

- ALL STRUCTURAL PLATES, CHANNELS, AND MISCELLANEOUS METALS SHALL BE IN ACCORDANCE WITH ASTM A36
- ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ASTM A992.
- ALL ANCHOR BOLTS AND THREADED RODS SHALL BE A MINIMUM GRADE A307 STEEL.
- ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED.

5.2 EXECUTION

- INSTALL METALS AS DETAILED ON DRAWINGS.
- STEEL WORK SHALL CONFORM TO THE LATEST EDITION OF THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING AS ADOPTED BY THE A.I.S.C.
- ALL STEEL SHALL BE PAINTED WITH ONE COAT OF RED OXIDE PRIMER. TOUCH UP ALL FIELD WELDS AND DAMAGED AREAS.

6. WOOD FRAMING AND PRE-ENGINEERED WOOD TRUSSES

6.1 LUMBER

1.1 MATERIAL

- ALL WOOD AND WOOD CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS AND CODES INDICATED IN THE DESIGN CRITERIA:
- LUMBER SHALL BE IN ACCORDANCE WITH NATIONAL GRADING RULES AND SHALL BEAR GRADE STAMP OF SPIB, OR OTHER ASSOCIATION RECOGNIZED BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
- LUMBER 2-INCH OR LESS IN NOMINAL THICKNESS SHALL NOT EXCEED 19% MOISTURE CONTENT AT TIME OF INSTALLATION AND SHALL BE STAMPED "S-DRY", "K-D", OR "MC15". ALL LUMBER SHALL BE S4S.
- ALL ROOF FRAMING MEMBERS ABOVE THE CEILING LINE SHALL BE SOUTHERN PINE #2 GRADE, OR BETTER.
- INTERIOR BEARING AND EXTERIOR WOOD FRAMED WALLS SHALL BE SPF #2, OR BETTER, UNLESS NOTED OTHERWISE ON DRAWINGS.
- INTERIOR NON-BEARING WALLS MAY BE 2x WOOD OR METAL STUDS @ 16" O.C. OR 2x4"

1.1.1 PROTECTION OF WOOD & WOOD BASED PRODUCTS AGAINST DECAY

1.2 EXECUTION

- WOOD FASTENING SHALL BE SPECIFIED IN THE DRAWINGS. FASTENING NOT SPECIFICALLY IDENTIFIED ON DRAWINGS SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE.
- INTERIOR BEARING AND EXTERIOR WOOD FRAMED WALLS SHALL BE NOMINAL 4-INCHES WIDE SPACED AT 16-INCHES O.C. MAXIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS.
- DOUBLE TOP PLATES OF FRAME WALLS SHALL BE LAPPED 4'-0".
- REFER TO RAFTER SPAN TABLE FOR CONVENTIONAL FRAME AND OVER-BUILT FRAMING MEMBERS AND CONNECTIONS.

MAXIMUM LOAD

MEMBER SIZE	MAXIMUM SPAN		
	24" C.C.	16" C.C.	12" C.C
2 X 4	5'-6"	6'-6"	7'-0"
2 X 6	10'-0"	12'-0"	13'-0"
2 X 8	13'-0"	15'-0"	16'-0"
2 X 10	10'-0"	12'-0"	13'-0"
2 X 12	20'-0"	23'-0"	26'-0"

- RAFTERS SHALL BE SOUTHERN PINE #2 GRADE OR BETTER.
- MAXIMUM SPACING SHALL BE AS NOTED IN TABLE.
- RAFTERS SHALL BE SHEATHED WITH SPAN RATED STRUCTURAL SHEATHING AS NOTED IN PLAN.
- NO CONCENTRATED LOADS SHALL BE PLACED ON RAFTERS

- RIDGE AND VALLEY MEMBERS SHALL HAVE A NOMINAL DEPTH OF 2-INCH LARGER THAN RAFTERS AND SHALL BE 2-PLY FOR MEMBERS LONGER THAN 16'-0"
- HEADERS SHALL BE AS SPECIFIED IN HEADER SCHEDULE WITH STUDS AND STRAPPING SPECIFIED. HEADERS SHALL BE SOUTHERN PINE #2, OR BETTER, NAILED W/ (2) ROWS OF 16d's @ 12" O.C. MAX SPACING.
- MINIMUM HEADER, UNLESS NOTED OTHERWISE SHALL BE (2)x12.
- A BUILT-UP OR SOLID SAWN COLUMN SHALL BE INSTALLED UNDER GIRDERS AND / OR BEAMS IN BEARING WALLS AS NOTED ON DRAWINGS.
- SQUASH BLOCKS SHALL BE INSTALLED BELOW ALL COLUMNS AND BUILT-UP MEMBERS (INCLUDING JACKS AND KINGS AT OPENINGS) BETWEEN BOTTOM OF FLOOR SHEATHING AND TOP OF WALL BELOW. SQUASH BLOCKS SHALL BE OF THE SAME GRADE AND SIZE AS THE MEMBER ABOVE.
- DRAFTSTOPPING SHALL BE INSTALLED WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE TO 1000 SQUARE FEET.
 - DRAFTSTOPPING SHALL BE INSTALLED IN APPROXIMATELY EQUAL AREAS TO LIMIT THE CONCEALED SPACE OF A FLOOR / CEILING ASSEMBLY.
 - DRAFTSTOPPING SHALL BE OF NOT LESS THAN 1/2-INCH GYPSUM BOARD, 3/8-INCH WOOD STRUCTURAL PANELS, 3/8-INCH TYPE 2-M-W PARTICLEBOARD.
 - DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO FLOOR FRAMING MEMBERS.
- FIREBLOCKING SHALL BE INSTALLED AT ALL HORIZONTAL AND VERTICAL DRAFT OPENINGS.
 - BLOCKING SHALL BE IN THE FOLLOWING LOCATIONS:
 - IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS.
 - VERTICALLY AT CEILING AND FLOOR LEVELS.
 - HORIZONTALLY AT INTERVALS EXCEEDING 10 FEET.
 - AT INTERCONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES SUCH AS SOFFITS, DROP CEILINGS, AND COVE CEILINGS.
 - AT OPENINGS AROUND VENTS, PIPES, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL.
 - FIREBLOCKING SHALL BE:
 - 2-INCH NOMINAL LUMBER, OR
 - ONE THICKNESS OF 23/32-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED WITH 23/32-INCH WOOD STRUCTURAL PANELS, OR
 - 1/2-INCH GYPSUM BOARD, OR
 - OTHER MATERIALS APPROVED BY THE CODE.



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SEAL

JOB NAME
HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

SHEET NAME
STRUCTURAL NOTES

ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
NOTES SHALL BE BROUGHT
TO THE ATTENTION OF THE
DESIGN PROFESSIONAL FOR
CLARIFICATION PRIOR TO
COMMENCEMENT OF
CONSTRUCTION

JOB #:
25-14622

DATE:
Issue Date

SHEET NUMBER

S002

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6.2 SHEATHING

1.1 MATERIALS

1. SHEATHING SHALL BE IN ACCORDANCE WITH PS 1-09. ALL SHEETS BEAR APPROPRIATE GRADING STAMP OF APA AND SPAN RATING.
2. SHEATHING SHALL NOT EXCEED 19% MOISTURE CONTENT WHEN INSTALLED.
3. FLOOR SHEATHING SHALL BE MINIMUM OF 23/32-INCH 24/16 SPAN RATED STRUCTURAL SHEATHING FOR 16" OC; 48/24 FOR SPACING GREATER THAN 16" O.C.
4. WALL SHEATHING SHALL BE 24/16 SPAN RATED STRUCTURAL SHEATHING.
5. ROOF SHEATHING SHALL BE AS SPECIFIED IN ROOF SHEATHING AND ATTACHMENT.

1.2 EXECUTION

1. FLOOR SHEATHING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS WITH 10D NAILS AT 12-INCHES O.C. IN THE FIELD AND 6-INCHES O.C. AT ALL PANEL EDGES.
2. ROOF SHEATHING SHALL BE FASTENED AS INDICATED IN THE DRAWINGS.

6.3 PRE-ENGINEERED WOOD TRUSSES

1.1 GENERAL

1. NO MODIFICATIONS TO THE TRUSS LAYOUT SHOWN ON THIS PLAN SHALL BE MADE WITHOUT THE APPROVAL OF THE DESIGN PROFESSIONAL OF RECORD.
2. ALL TRUSSES AND TRUSS DETAILS SHALL BE DESIGNED, SPECIFIED AND CERTIFIED BY THE TRUSS MANUFACTURER'S REGISTERED ENGINEER.
3. TRUSS MANUFACTURER SHALL VERIFY ALL DIMENSIONS AND SUBMIT SHOP DRAWINGS TO ENGINEER OF RECORD AND CONTRACTOR FOR APPROVAL BEFORE FABRICATION.
4. SECURE ALL ROOF TRUSSES, JOISTS AND RAFTERS AT BOTH ENDS AS NOTED ON DRAWINGS.
5. AT THE SECOND TRUSS IN FROM GABLE TRUSSES ADD A TOP CHORD LOADING OF plf TO ACCOUNT FOR VERTICAL REACTIONS OF GABLE END BRACING. LOADING IS IN ADDITION TO STANDARD LOADING. WHERE PARTIAL GABLES EXIST THIS LOAD IS ONLY REQUIRED IN THE BRACED AREAS. SEE PLAN FOR EXTENT OF BRACING.

1.2 MATERIAL

1. THE SPECIALTY TRUSS MANUFACTURER SHALL DESIGN ALL TRUSSES FOR LOADS SPECIFIED HEREIN. THE TRUSS DESIGN AND FABRICATION OF WOOD TRUSSES SHALL COMPLY WITH TRUSS PLATE INSTITUTE (TPI).
2. SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A FLORIDA REGISTERED TRUSS ENGINEER SHALL BE SUBMITTED TO THE DESIGN PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO THE USE FOR THIS PROJECT.
3. TRUSSES SHALL BE SHIPPED TO THE JOB WITH THE FOLLOWING MINIMUM DOCUMENTATION SUPPLIED BY THE TRUSS MANUFACTURER:
 - A. GABLE END BRACING DETAILS AND RECOMMENDATIONS
 - B. LATERAL BRACING AND RESTRAINT DETAILS
 - C. CONTINUOUS LATERAL BRACING (CLB) INSTALLATION REQUIREMENTS
 - D. PIGGYBACK INSTALLATION DETAILS
 - E. CONVENTIONAL FRAMED VALLEY DETAIL
 - F. TOE NAIL DETAIL
 - G. TWO-PLY CONNECTION DETAIL

1.3 EXECUTION

1. ERECTION OF TRUSSES SHALL BE IN ACCORDANCE WITH BUILDING COMPONENTS SAFETY INFORMATION PUBLICATION, BCSI 2015. THE ERECTION CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER WOOD TRUSS HANDLING AND FOR PROPER TEMPORARY AND PERMANENT BRACING. TRUSSES SHALL BE MAINTAINED IN PROPER ALIGNMENT AND SHALL NOT BE STRUCTURALLY DAMAGED.
2. WOOD TRUSSES SHALL BE INSTALLED AS INDICATED IN THE LAYOUT DOCUMENTS SUPPLIED BY THE TRUSS MANUFACTURER, BUT NOT LESS THAN 2'-0" O.C.
3. PERMANENT 2x4 HORIZONTAL BRACING SHALL BE INSTALLED ON TOP OF THE BOTTOM CHORDS OF ALL ROOF TRUSSES WITH SPANS GREATER THAN 10'-0". BRACING SHALL BE NAILED WITH 2-10d NAILS AT EACH TRUSS AND BE SPACED NOT MORE THAN 10'-0" O.C.
4. FLOOR FRAMING SHALL BE OF PRE-ENGINEERED FLOOR TRUSSES OR MANUFACTURED LUMBER SPACED AT 2'-0" O.C. MAXIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS.
5. FLOOR FRAMING SHALL BE LOCATED TO ACCOMMODATE MECHANICAL LAYOUT.

6.4 FASTENERS

1.1 MATERIAL

1. WOOD CONNECTORS AND HOLD-DOWNS SHALL BE AS SPECIFIED IN THE DRAWINGS AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. CONNECTORS FOR TRUSSES TO TRUSS COMPONENTS SHALL BE AS SPECIFIED BY THE TRUSS MANUFACTURER.
3. FASTENERS AND CONNECTORS USED ON UN-TREATED WOOD EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.
4. FASTENERS AND CONNECTORS (INCLUDING TRUSS PLATES, NAILS, BOLTS, ANCHORS, ETC.) USED IN CONTACT WITH TREATED WOOD SHALL BE COMPATIBLE WITH THE TREATMENT METHOD AND AS FOLLOWS:
 - A. WOOD TREATED WITH DOT SODIUM BORATE (SBX) - MINIMUM G90 ZINC COATING.
 - B. WOOD TREATED WITH ACQ-C OR ACQ-D (CARBONATE) OR OTHER BORATE (NON-DOT) - MINIMUM G185 ZINC COATING.
 - C. FOR ALL OTHER TREATMENT - COMPLY WITH THE RECOMMENDATIONS OF THE PRESERVATIVE WOOD SUPPLIER.
 - D. STAINLESS STEEL CONNECTORS AN FASTENERS MAY BE USED FOR ALL TYPES OF TREATED WOOD.

1.2 EXECUTION

1. HANGERS AND FRAMED COMPONENTS SHALL BE FURNISHED BY THE MANUFACTURER WITH NAILS FOR SPECIFIC USE AND INSTALLATION.
2. ALL PRE-MANUFACTURED CONNECTORS SHALL HAVE NAILS INSTALLED IN ACCORDANCE WITH THE CONNECTOR SCHEDULE AND MANUFACTURER'S SPECIFICATIONS DRIVEN FULLY.
3. ALL SOLE PLATES SHALL BE AS DESCRIBED HEREIN AND SHALL MEET THE FOLLOWING:
 - A. ALL ANCHOR BOLTS SHALL HAVE 2"x2"x1/8" PLATE WASHERS.
 - B. BOLTS SHALL BE LOCATED AT CORNERS AND JAMBS AND WITHIN 6-INCHES OF EACH END OR JOINT IN PLATE.
 - C. PLATES LESS THAN 20-INCHES IN LENGTH SHALL HAVE ONE ANCHOR INSTALLED IN THE MIDDLE THIRD OF THE PLATE LENGTH.
 - D. SLEEVE ANCHORS ARE NOT PERMITTED.
4. REFER TO SOLE PLATE ANCHORAGE SCHEDULE ATTACHMENTS OF PLATE TO CONCRETE OR MASONRY.

7.0 THERMAL AND MOISTURE PROTECTION

FLASHING

- 1.1 PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERPROOFING, SHEET METAL, SEALANTS, AND RAIN GUTTERS AND/OR DIVERTERS WHERE REQUIRED TO MAKE WORK COMPLETELY WATERPROOF.
- 1.2 FLASHING SHALL BE INSTALLED IN SUCH A MANNER SO AS TO PREVENT MOISTURE FROM ENTERING THE TOP AND SIDES OF EXTERIOR WINDOWS AND DOOR OPENINGS. FLASHING SHALL BE INSTALLED AT INTERSECTIONS WITH THE ROOF PLANE OR PENETRATIONS.
- 1.3 SHEET METAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING NATIONAL ASSOCIATION (SMACNA).
- 1.4 SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED AND GALVANIZED CONFORMING TO ASTM A 525 AND SHALL BE 24 GAGE UNLESS OTHERWISE NOTED.
- 1.5 SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY WATER-PROOF, WEATHER RESISTANT INSTALLATION.
- 1.6 PROVIDE DRIP EDGE AT EAVES AND GABLES OF ROOFS. OVERLAP TO BE A MINIMUM OF 3 INCHES. EAVE DRIP EDGES SHALL EXTEND MINIMUM OF 0.5 INCHES BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MINIMUM OF 2 INCHES. DRIP EDGE SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12 INCHES ON CENTER.

UNDERLAYMENT

- 1.1 ROOF COVERINGS SHALL BE APPLIED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF FBC-R SECTION 905 AND MANUFACTURER'S INSTALLATION INSTRUCTION.
- 1.2 ROOFS AND ROOF COVERINGS SHALL BE OF MATERIALS THAT ARE COMPATIBLE WITH EACH OTHER AND WITH THE BUILDING OR STRUCTURE TO WHICH THE MATERIALS ARE APPLIED.
- 1.3 ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS.
- 1.4 INSTALLATION OF UNDERLAYMENT SHALL COMPLY WITH THE PROVISIONS OF FBC-R 905.2.3 AND SHALL BE USED ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES OF 2:12 TO 4:12, DOUBLE UNDERLAYMENT APPLICATION AS REQUIRED.
- 1.5 UNDERLAYMENT SHALL CONFORM TO ASTM D 226, TYPE I, OR TYPE II, ASTM D 4869, TYPE II OR TYPE IV, OR ASTM D 6757 UNLESS OTHERWISE NOTED.
- 1.6 SELF-ADHERED POLYMER MODIFIED BITUMEN SHEET SHALL COMPLY WITH ASTM D 1970.
- 1.7 UNDERLAYMENT FOR TILE ROOFING SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023), R905.3.3.

ROOFING

- 1.1 ROOF COVERINGS SHALL BE APPLIED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF FBC-R SECTION 905 AND MANUFACTURER'S INSTALLATION INSTRUCTION.
- 1.2 ROOFS AND ROOF COVERINGS SHALL BE OF MATERIALS THAT ARE COMPATIBLE WITH EACH OTHER AND WITH THE BUILDING OR STRUCTURE TO WHICH THE MATERIALS ARE APPLIED.
- 1.3 ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS.
- 1.4 ASPHALT SHINGLES SHALL COMPLY WITH ASTM D3462.
- 1.5 FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS; MINIMUM 12 GAGE SHANK WITH A MINIMUM 3/8 " DIAMETER HEAD OF SUFFICIENT LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF ¾ " INTO THE ROOF SHEATHING. FASTENERS FOR ROOF SHEATHING LESS THAN ¾ " SHALL CONFORM TO REQUIREMENTS OF ASTM F 1667.
- 1.6 SHINGLES SHALL BE FASTENED WITH A MINIMUM REQUIRED BY MANUFACTURER, BUT NOT LESS THAN FOUR FASTENERS PER SHINGLE STRIP OR TWO FASTENERS PER INDIVIDUAL TAB.
- 1.7 TILE ROOFING SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023), R905.3 - R905.3.8.

8.0 FINISHES

GYPSUM BOARD

- 1.1 GYPSUM BOARD SHALL BE INSTALLED IN CONFORMANCE WITH THE CURRENT EDITION OF THE ABOVE REFERENCED BUILDING CODE.
- 1.2 GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL BE IDENTIFIED BY THE MANUFACTURER'S DESIGNATION TO INDICATE COMPLIANCE WITH THE APPROPRIATE STANDARDS REFERENCED IN THE CODE AND SUITABLY STORED TO PROTECT FROM THE WEATHER.
- 1.3 GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO THE APPROPRIATE REFERENCES WHERE REQUIRED FOR FIRE PROTECTION AND SHALL CONFORM TO THE PROVISIONS OF THE PREVAILING BUILDING CODE.
- 1.4 GYPSUM WALLBOARD OR GYPSUM SHEATHING MAY BE USED ON WOOD STUDS FOR VERTICAL DIAPHRAGMS IF APPLIED IN ACCORDANCE WITH SHEAR RESISTING VALUES.
- 1.5 WHEN GYPSUM WALLBOARD IS USED AS A BASE FOR TILE OR WALL PANELS FOR THE TUB, SHOWER, OR WATER CLOSET WALLS; WATER-RESISTANT GYPSUM BOARD SHALL BE USED.

WATER-RESISTIVE BARRIER

- 1.1 WATER RESISTIVE BARRIER SHALL BE INSTALLED OVER WOOD-BASED SHEATHING IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023) - R703.1.
- 1.2 BARRIER SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER.
- 1.3 THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING PER SECTION R703.4.

EXTERIOR LATH

- 1.1 ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIAL.
- 1.1.1 LATH SHALL BE APPLIED WITH LONG DIMENSION AT RIGHT ANGLES TO THE SUPPORTS WITH ½ " LAP AT THE SIDES AND 1 " AT THE ENDS.
- 1.1.2 LATH SHALL BE LAPPED SO WATER WILL FLOW TO THE EXTERIOR.
- 1.1.3 FASTENERS SHALL BE CORROSION-RESISTANT 1 ½ "LONG-LONG, 11 GAGE NAILS HAVING A 7/16 " OR 7/8" LONG, 16 GAGE STAPLES, SPACED AT NO MORE THAN 6 INCHES ON CENTER. WHEN INSTALLED OVER SHEATHING USE FASTENERS THAT WILL PENETRATE THE STRUCTURAL MEMBERS NOT LESS THAN ¾ ".
- 1.1.4 LATH SHALL NOT BE CONTINUOUS THOUGH CONTROL JOINTS AND SHALL BE STOPPED AND TIED AT EACH SIDE.
- 1.2 BACKING OR LATH SHALL PROVIDE SUFFICIENT RIGIDITY TO PERMIT PLASTER APPLICATION.
- 1.3 WHERE LATH ON VERTICAL SURFACES EXTENDS BETWEEN RAFTERS OR OTHER SIMILAR PROJECTING MEMBERS, SOLID BACKING SHALL BE INSTALLED TO PROVIDE SUPPORT FOR LATH AND ATTACHMENT. WIRE BACKING IS NOT REQUIRED UNDER EXPANDED METAL LATH OR PAPERBACK WIRE FABRIC.
- 1.4 LATH.
- 1.5 INSTALLATION OF EXTERIOR LATHING SHALL COMPLY WITH PROVISIONS OF FBC-R, 8TH EDITION, R703.7.1 AND ASTM C 1063.
- 1.6 INSTALL A CORROSION RESISTANT WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 ½ INCHES BELOW THE FOUNDATION PLATE LINE OR INTERFACE BETWEEN FRAME AND MASONRY AS DETAILED AND IN ACCORDANCE WITH FBC-R, 8TH EDITION, R703.7.2.1 ASTM C 926. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE SCREED. FIND

EXTERIOR PLASTER

- 1.1 PORTLAND CEMENT BASED PLASTER (PCBP) SHALL BE THREE (3) COATS WHEN APPLIED OVER METAL LATH OR WIRE FABRIC LATH AND SHALL BE NOT LESS THAN 7/8 " TOTAL THICKNESS. PCBP SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023) R703.7.2 AND ASTM C 926 AS FOLLOWS:
 - 1.1.1 SCRATCH COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO FILL SOLIDLY ALL OPENING IN THE LATH. COAT SHALL BE APPROXIMATELY 3/8 INCH THICK. THE SURFACE SHALL BE SCORED HORIZONTALLY SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND TO RECEIVE THE SECOND COAT.
 - 1.1.2 THE SECOND COAT (BROWN COAT) OF APPROXIMATELY 3/8 INCH THICK SHALL BE BROUGHT OUT TO PROPER THICKNESS, RODDED AND FLOATED SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND FOR THE FINISH COAT. THE SECOND COAT SHALL HAVE NO VARIATION GREATER THAN ¼ INCH IN ANY DIRECTION UNDER A 5-FOOT STRAIGHT EDGE.
 - 1.1.3 FINISH COAT SHALL BE APPLIED APPROXIMATELY 1/8 INCH THICK FOLLOWING SUFFICIENT CURING OF BASE COATS.
 - 1.1.4 CURING OF EACH COAT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C 926.
 - 1.2 PORTLAND CEMENT BASED PLASTER (PCBP) SHALL BE TWO (2) COATS WHEN APPLIED OVER CONCRETE OR MASONRY AND SHALL BE NOT LESS THAN 1/2 " TOTAL THICKNESS. PCBP SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023) R703.7.2 AND ASTM C 926 AS FOLLOWS:
 - 1.2.1 SCRATCH/BROWN COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO FILL SOLIDLY ALL OPENING IN THE LATH. COAT SHALL BE APPROXIMATELY 3/8 INCH THICK. THE SURFACE SHALL BE BROUGHT OUT TO PROPER THICKNESS, RODDED AND FLOATED SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND FOR THE FINISH COAT. THE SECOND COAT SHALL HAVE NO VARIATION GREATER THAN ¼ INCH IN ANY DIRECTION UNDER A 5-FOOT STRAIGHT EDGE.
 - 1.2.2 FINISH COAT SHALL BE APPLIED APPROXIMATELY 1/8 INCH THICK FOLLOWING SUFFICIENT CURING OF BASE COATS.
 - 1.2.3 CURING OF EACH COAT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C 926.

CONTROL JOINTS

- 1.1 INSTALL CONTROL JOINTS IN PORTLAND CEMENT BASED PLASTER IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, 8TH EDITION (2023), ASTM C 926, AND ASTM C 1063.
- 1.2 JOINTS SHALL BE INSTALLED TO INSURE NO PANEL EXCEEDS 144 SQUARE FEET WITH PROPORTIONS LIMITED TO THOSE DEFINED IN ASTM C 926 AND ASTM C 1063.
- 1.3 LATH SHALL BE CUT AT EACH JOINT WITH FLASHING AND INSTALLATION OF THE LATH SUCH THAT THE PANELS HAVE ISOLATION FROM ADJACENT MOVEMENT.

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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION

	SEAL
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JOB NAME HOUSING ASSISTANCE PROGRAM - WOODBURY RESIDENCE 826 N WEST 6TH AVE., OCALA, FL 34475	SHEET NAME FOUNDATION PLAN
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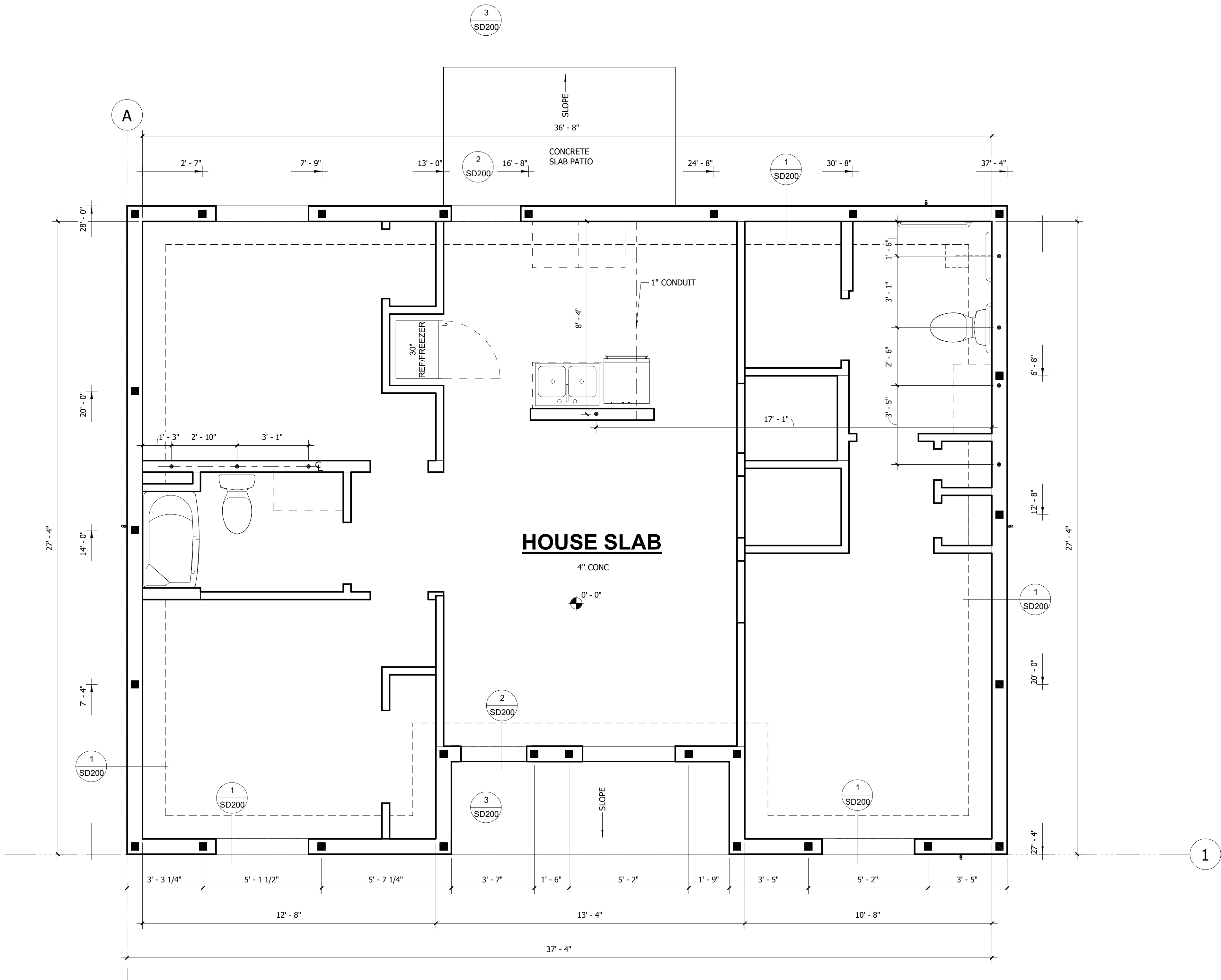
ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
NOTES SHALL BE BROUGHT
TO THE ATTENTION OF THE
DESIGN PROFESSIONAL FOR
CLARIFICATION PRIOR TO
COMMENCEMENT OF
CONSTRUCTION

JOB # 25-14622
DATE Issue Date

SHEET NUMBER

S101

FOUNDATION LEGEND
■ INDICATES REINFORCED FILLED CELL LOCATION (FILLED CELL DIMENSION SHOWN ARE ± 4")
FILLED CELL SPACING SHOWN ON PLANS BASED ON USING 40ksi REBAR



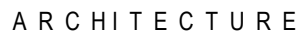
1 FOUNDATION PLAN
3/8" = 1'-0"

FOUNDATIONS SOIL
DISCLAIMER NOTE

NOTE:
THESE PLANS ARE SEALED BY THE ENGINEER OF RECORD PRIOR TO RECEIPT OF A
QUALIFIED SOILS REPORT FOR THE REFERENCED SUBDIVISION. THE
FOUNDATIONS DESIGN SPECIFIED HEREIN IS BASED ON THE ASSUMPTION THAT
SOILS ON WHICH THE FOUNDATIONS ARE PLACED WILL PROVIDE A MINIMUM
2000psf SOIL BEARING PRESSURE, AND THAT NO UNDERLYING SOILS ISSUES ARE
PRESENT. FOUNDATIONS DESIGN WILL BE REVIEWED BY FOREFRONT SUBSEQUENT
TO THE RECEIPT OF THE SOILS REPORT, AND IF ANY DESIGN REVISION ARE
REQUIRED, THE PLANS WILL BE REVISED AND RESEALED.

FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	REINFORCING
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ISSUE - REVISION LOG

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HOUSING ASSISTANCE PROGRAM -
WOODBURY RESIDENCE
826 N WEST 6TH AVE., OCALA, FL 34475

NAME: ROOF FRAMING PLAN

JOB NAME: HO
SHEET NAME:

ANY DISCREPANCY OR
ERROR IN DIMENSIONS OR
NOTES SHALL BE BROUGHT
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CLARIFICATION PRIOR TO
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CONSTRUCTION.

JOB #:	25-14622
DATE:	Issue Date

SHEET NUMBER

S102

A detailed cross-sectional diagram of a window frame assembly. The diagram shows a vertical frame member (E) and a horizontal frame member (I) meeting at a corner. A glass pane (D) is held in place by a gasket (F) and a clip (C). The entire assembly is mounted on a wall (G). The labels are: I (top horizontal frame), C (clip), F (gasket), D (glass pane), E (vertical frame), and G (wall).

A	HEADER IDENTIFICATION MARK	(HXX)
B	NUMBER OF PLYS REQUIRED	
C	**HEADER SIZE	
D	NUMBER OF JACK/TRIMMER STUDS AT EACH END	
E	NUMBER OF KING/FULL LENGTH STUDS AT EACH END	
F	TYPE HEADER STRAP REQUIRED	
G	NUMBER OF JACK STUDS STRAPPED AT EACH END	
H	NUMBER OF FULL LENGTH STUDS STRAPPED AT EA. END	
I	*TYPE STRAP REQUIRED AT BASE OF JACKS AND BOTH TOP AND BOTTOM OF FULL LENGTH STUDS	

* ONLY JACKS THAT ARE REQUIRED TO BE STRAPPED AT TOP NEED TO BE STRAPPED AT BOTTOM

** HEADER MUST BE DOUGLAS FIR-LARCH #2 OR BETTER

NAIL JACK STUDS AND FULL STRENGTH STUDS TOGETHER
WITH 10d's STAGGERED AT 12" O.C. EACH PLY.

ALL HEADER SHALL BE NAILED TO JACK STUDS W/2 12d
TOE NAILS AND (3) 16d TOE NAILS TO KING STUDS

HEADER SCHEDULE LEGEND

MARK	# PLYS	HDR. SIZE	# JACK STUDS EA. END	# FULL LENGTH STUDS EA. END.	# HDR STRAP EA. END	HDR STRAP EA. END	# FULL LENGTH STUDS STRAP AT EA. END	STUD STRAP
H00	2	(2) 2X TOP PLATE	0	2	-	-	-	-
H01	2	2X6	1	1	-	-	-	-
H02	2	2X6	1	2	-	-	-	-
H03	2	2X6	1	3	-	-	-	-
H04	2	2X6	1	1	1	W7	-	\$1
H05	2	2X6	1	2	1	W7	-	\$1
H06	2	2X6	1	3	1	W7	-	\$1
H07	2	2X8	1	1	-	-	-	-
H08	2	2X8	1	2	-	-	-	-
H09	2	2X8	1	3	-	-	-	-
H10	2	2X8	1	1	1	W7	-	\$1
H11	2	2X8	1	2	1	W7	-	\$1
H12	2	2X8	1	3	1	W7	-	\$1
H13	2	2X8	2	1	2	W7	-	\$1
H14	2	2X8	2	2	2	W7	-	\$1
H15	2	2X8	2	3	2	W7	-	\$1
H16	2	2X10	1	1	-	-	-	-
H17	2	2X10	2	1	-	-	-	-
H18	2	2X10	1	1	1	W7	-	\$1
H19	2	2X10	1	2	1	W7	-	\$1
H20	2	2X10	1	3	1	W7	-	\$1

OPENING PRESSURES 100 EXP. C

OPENING SQ. FT.	MID ZONE		END ZONE	
	+W	-W	+W	-W
0-19.9999	+16.0	-16.0	+16.0	-18.5
20-49.9999	+16.0	-16.0	+16.0	-17.3
50-99.9999	+16.0	-16.0	+16.0	-16.0
100 & >	+16.0	-16.0	+16.0	-16.0

* DENOTES PRESSURES CALCULATED FOR DOOR PARTIALLY OPENED IN END ZONE

FRAMING NOTES 100 EXP. C
ULTIMATE DESIGN WIND SPEED

1. REFER TO GENERAL NOTES FOR GENERAL FRAMING REQUIREMENTS U.N.O. ON DRAWINGS
2. 2X6 DF #2 OR BETTER EXTERIOR WALL FRAMING @ O.C. U.N.O.
3. PROVIDE (2) 2X BUILD UP COLUMN AT ALL BEAM SUPPORTS U.N.O. ON PLAN
4. ALL NAILS ARE COMMON WIRE NAIL U.N.O.
5. FLOOR/ROOF SHEATHING SHALL HAVE (2) ROWS OF EDGE NAILING AT BEAMS/COLLECTORS

HEADER SUBSTITUTION CHAR

MATERIAL: ANTHONY 1.6E SHORT SPAN HEADER 3-1/2
WIDE; 1500 Fb; 160FV

SAWN LUMBER	EQUIVALENT SUBSTITUTION
2-2x6	3 1/2" x 5 1/2"
2-2x8	3 1/2" x 5 1/2"
2-2x10	3 1/2" x 7 1/2"
2-2x12	3 1/2" x 9 1/2"

*NOTE: HEADER CHART STRAPPING & DETAILS STILL APPLY

BUILDER NOTE

THE ENGINEERING FOR THIS CONSTRUCTION DOCUMENT
PREPARED W/ THE ROOFING MATERIAL AS: SHINGLE

ATTIC MOUNTED AIR HANDLER HANGER DETAIL

ENGINEERED ———
HORIZONTAL TRUSS
WEB

3/8" MIN. DIAMETER ALL
THREAD HUNG
HORIZONTAL WEB ABOVE
OPEN AREA IN TRUSSES FOR
AHU
HVAC HANGER W/ NUT &
WASHER BY HVAC
CONTRACTOR

LEGEND

L3F16-B	DENOTES LINTEL TYPE SEE SHEET SD110 FOR SCHEDULE
	DENOTES CONNECTOR TYPE SEE SHEET SD110 FOR SCHEDULE
	DENOTES HEADER TYPE SEE THIS SHEET FOR SCHEDULE

LEGEND

	CMU BEARING WALL AT 8'-0"
	INTERIOR BEARING WALL
	SHEAR WALL PER 7/SD400
	2x6 WOOD FRAMING WALL
	2x4 WOOD FRAMING WALL



AR102538-CA30900

[illegible]SEAL

JOB NAME: **HOW**

SHEET NAME:

JOB #: 25-14622

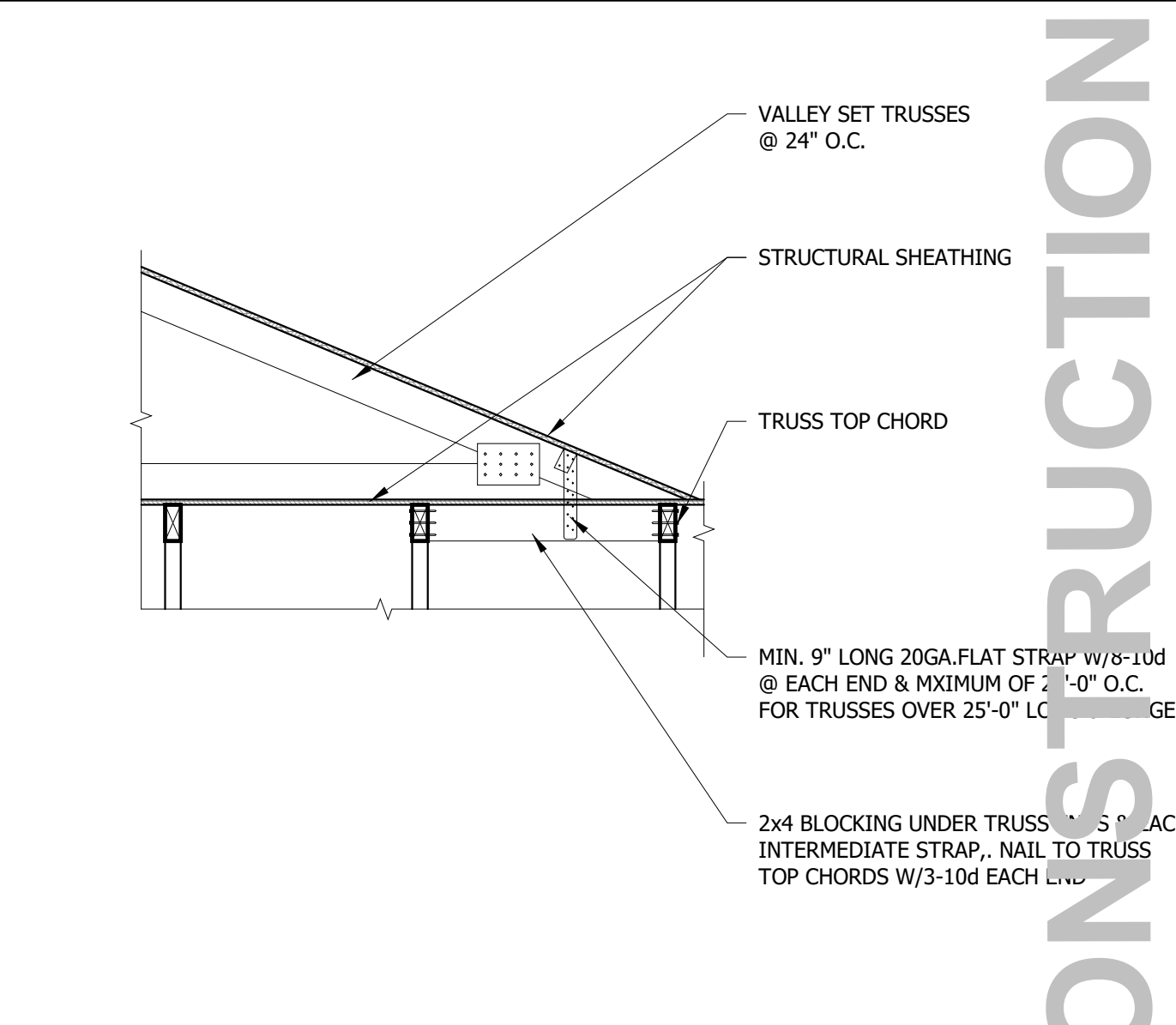
DATE: Issue Date

SHEET NUMBER

STREET FLOWERS

SD201

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C - 24