GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.

2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETE DESIGN OF THE STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION UNLESS SO STATED OR NOTED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE WORKMEN, OR OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO BRACING, SHORING FOR EARTH BANKS, FORMS, SCAFFOLDING, PLANKING, SAFETY NETS, SUPPORT AND BRACING FOR CRANES AND GIN POLES.

3. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING OF ALL STRUCTURAL MEMBERS AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER OF ANY CONDITION WHICH, IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS IN THE STRUCTURE.

4. CONSTRUCTION MATERIALS SHALL NOT BE STACKED ON ROOFS IN EXCESS OF THE POSTED ROOF LIVE LOAD. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE THAT THE SUBCONTRACTORS ARE INFORMED AND DO NOT VIOLATE THIS IMPORTANT REQUIREMENT. IMPACT SHALL BE AVOIDED WHEN PLACING MATERIALS ON ROOFS.

5. PLANS, SECTIONS AND DETAILS ARE NOT TO BE SCALED FOR DETERMINATION OF QUANTITIES, LENGTHS, OR FIT OF MATERIALS.

6. SUBMIT WRITTEN REQUESTS TO THE ENGINEER FOR APPROVAL OF ANY PROPOSED CHANGE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SPLICING, CUTTING, NOTCHING OR OTHER ALTERATIONS TO STRUCTURAL MEMBERS ARE NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION OF THE STRUCTURAL ENGINEER. ANY UNAUTHORIZED DEVIATION FROM THE CONTRACT DOCUMENTS, AND CORRECTION THEREOF, IS THE RESPONSIBILITY OF THE CONTRACTOR.

7. THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK FROM THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. PERIODIC SITE OBSERVATION, IF PROVIDED, BY FIELD REPRESENTATIVES OF NORTH FLORIDA PROFESSIONAL SERVICES, INC. IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

DESIGN CRITERIA

1. THE DESIGN IS BASED ON, AND ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE (FBC) WITH AMENDMENTS AND DESIGN CODES REFERENCED WITHIN THESE DOCUMENTS. USE THE REFERENCED EDITIONS FROM THE FBC CHAPTER 35 OR THE LATEST EDITIONS IF NOT REFERENCED:
   - AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7-22
     "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"
   - STRUCTURAL CONCRETE:
     "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
     THE AMERICAN CONCRETE INSTITUTE (ACI 318-19 AND ACI 350-06)
   - MASONRY:
     "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
     THE MASONRY SOCIETY (TMS 402/602-16)
   - STRUCTURAL STEEL:
     STEEL CONSTRUCTION MANUAL - FIFTEENTH EDITION BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC 360-16)
   - WOOD:
     "NATIONAL DESIGN SPECIFICATION" AND SUPPLEMENT (ANS/AWC NDS-18)

2. LIVE LOADS:
   - ROOF — 20 PSF (REDUCIBLE BY CODE)

3. SUPERIMPOSED DEAD LOADS:
   - ROOFING / CEILING / M.E.P. — 10 PSF

4. WIND LOAD DESIGN DATA:
   WIND LOADS SHALL BE IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE (REFERENCING ASCE 7-22).
   MAIN WIND FORCE RESISTING SYSTEM
   WIND DESIGN DATA:

a.	ULTIMATE DESIGN WIND SPEED, 3 SECOND GUSTS, VULT.	125 MPH
b.	HURRICANE PRONE REGION	YES
c.	WINDBORNE DEBRIS REGION	NO
d.	BUILDING RISK CATEGORY	II
e.	WIND EXPOSURE CATEGORY	C
f.	WIND TOPOGRAPHIC FACTOR (KZT)	1.0
g.	ENCLOSURE CATEGORY	PARTIALLY OPEN
h.	INTERNAL PRESSURE COEFFICIENT	±0.18
i.	MEAN ROOF HEIGHT	15 FEET
j.	WIND DIRECTIONALLY FACTOR, KD	0.85
k.	VELOCITY PRESSURE COEFFICIENT (KH)	0.85
l.	ULTIMATE VELOCITY PRESSURE (QH[ULT])	34.0 PSF
m.	COMPONENT & CLADDING WIND PRESSURES	SEE TABLE THIS SHEET
n.	DIMENSION "a"	5'-0"
o.	GROUND ELEVATION FACTOR, KE	1.0

5. 60-MINUTE RAINFALL INTENSITY — 4.5 INCHES PER HOUR.

6. DISTRIBUTE THE MAXIMUM LOAD HUNG FROM ANY STRUCTURAL MEMBERS FOR MEP DUCTWORK, PIPING ETC OVER THE MEMBER'S TRIBUTARY AREA IN A WAY THAT THE DESIGN SUPERIMPOSED DEAD LOADS LISTED IN CONTRACT DOCUMENTS ARE NOT EXCEEDED. THE CONTRACTOR SHALL COORDINATE THE LOADS OF ALL TRADES AND PROVIDE ADDITIONAL SUPPORT OR DISTRIBUTION FRAMING AS REQUIRED TO ACHIEVE THE ALLOWABLE LOAD DISTRIBUTION.

7. STRUCTURAL COMPONENTS ARE NOT DESIGNED FOR VIBRATING EQUIPMENT. MOUNT VIBRATING EQUIPMENT ON VIBRATION ISOLATORS.

POST-INSTALLED ANCHORS

1. ANCHOR PRODUCTS APPROVED FOR USE ON THIS PROJECT ARE LISTED BELOW UNLESS OTHERWISE SPECIFIED IN SECTIONS/DETAILS:
   - 1.a. ADHESIVE ANCHORS INTO CONCRETE SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE:
     - 1.a.1. USE THE FOLLOWING (UNO):
       - 1.a.1.a. HILTI HIT-HY 200 ADHESIVE (ICC-ES ESR 3187)
       - 1.a.1.a. HILTI "HIT-RE 500-SD" ADHESIVE (ICC-ES ESR2322)
       - 1.a.1.b. EPCON "G5" ADHESIVE (ICC-ES ESR1137)
       - 1.a.1.c. SIMPSON STRONG-TIE "SET-XP" ADHESIVE (ICC-ES ESR2508)
       - 1.a.1.d. SIMPSON STRONG-TIE "AT-XP" ADHESIVE (IAPMO-ES ER263)
       - 1.a.1.e. EPCON "S7" ADHESIVE (ICC-ES ESR2308)

2. INSTALL ANCHORS TO MEET THE REQUIREMENTS INDICATED IN THE CONTRACT DOCUMENTS AND THE MANUFACTURER' S RECOMMENDATIONS.

3. LOCATE, BY NON-DESTRUCTIVE MEANS, AND AVOID ALL EXISTING REINFORCEMENT PRIOR TO INSTALLATION OF ANCHORS. IF EXISTING REINFORCING LAYOUT PROHIBITS THE INSTALLATION OF ANCHORS AS INDICATED IN THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONALS IMMEDIATELY.

4. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEER OF RECORD (SER) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.

5. ANCHOR INSTALLER SHALL BE TRAINED BY THE MANUFACTURER ON PROPER INSTALLATION METHODS.

6. CARE SHALL BE EXERCISED TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. PILOT HOLES SHALL BE INSTALLED AS REQUIRED. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE OR ON THE STRUCTURAL DRAWINGS. EMBEDMENT SHALL BE THE MINIMUM SPECIFIED ON THE STRUCTURAL DRAWINGS.

WOOD

1. STRUCTURAL FRAMING PLANS DEPICT THE PRIMARY STRUCTURAL FRAMING SYSTEM. CONTRACTOR SHALL PROVIDE SECONDARY AND MISCELLANEOUS FRAMING AS REQUIRED TO COMPLETE THE PROJECT (SEE ARCHITECTURAL DRAWINGS).

2. DRESSED SEASONED LUMBER: S4S, 19% MAXIMUM MOISTURE CONTENT AT TIME OF DRESSING.
   - 2.1. COLUMNS AND STUD FRAMING: SOUTHERN PINE NO.2 OR STRONGER.
   - 2.2. LINTELS, FLOOR JOISTS AND BEAMS: SOUTHERN PINE, NO.2 GRADE
   - 2.3. WOOD IN CONTACT WITH CONCRETE OR MASONRY OR EXPOSED TO WEATHER: ABOVE GRADE PRESSURE-TREATED (AWPA-UC3A OR UC3B) OR GROUND CONTACT RATED PRESSURE TREATED (AWPA-UC4A). GROUND CONTACT RATED WOOD IS RECOMMENDED AT THE CRAWLSPACE AND DECK AREAS (IF PRESENT). USE HOT-DIP GALVANIZED NAILS IN PRESSURE TREATED WOOD.

3. STRUCTURAL PANELS
   - 3.1. WALL PANELS: 1/2" APA RATED SHEATHING.
   - 3.2. ROOF PANELS: 1/2" APA RATED SHEATHING.

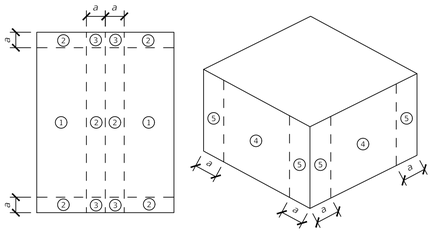
4. WOOD SHEAR WALLS
   - 4.1. PANELS SHALL BE ORIENTED WITH THE LONG DIMENSION IN THE VERTICAL DIRECTION.
   - 4.2. SOLID 2x BLOCKING SHALL BE PROVIDED AT UNSUPPORTED, HORIZONTAL PANEL EDGES.
   - 4.3. NAIL PANELS WITH 8d HOT-DIPPED GALVANIZED RINGSHANK NAILS SPACED AT 6" AT THE PERIMETER OF THE PANELS AND AT 6" AT INTERMEDIATE SUPPORTS, UON.
   - 4.4. DOUBLE 2x FRAMING STUDS SHALL BE USED AT THE ENDS OF EACH SHEAR WALL, UON.
   - 4.5. CONNECTIONS FOR STRUCTURAL TIMBER: GALVANIZED STRONG-TIE CONNECTORS BY THE SIMPSON STRONG TIE COMPANY OR APPROVED EQUAL.

5. LAMINATED VENEER LUMBER (LVL) SHALL BE WEYERHAUSER/TRUS JOIST MICROLLAM LVL (OR EQUAL) WITH Fb NOT LESS THAN 2,600 PSI AND MINIMUM 2.0E.

6. BOLTED CONNECTIONS SHALL CONSIST OF ASTM A307 BOLTS, FASTENED TO A SNUG-TIGHT CONDITION.

WIND PRESSURE DIAGRAM

1. DESIGN WIND PRESSURES TO BE USED IN THE DESIGN OF ALL COMPONENTS AND CLADDING ELEMENTS. PRESSURES INDICATED IN TABLE ARE SERVICE LOADS. MULTIPLY TABULATED VALUES BY 0.6 FOR ALLOWABLE STRESS DESIGN (ASD) AND BY 1.0 FOR LOAD AND RESISTANCE FACTOR DESIGN (LRFD).
2. REFER TO WIND PRESSURE DIAGRAM FOR ZONE LOCATIONS AND EXTENTS.
3. POSITIVE PRESSURES ACT TOWARD COMPONENT SURFACES AND NEGATIVE PRESSURES ACT AWAY FROM COMPONENT SURFACES.



COMPONENTS AND CLADDING WIND PRESSURES ON ROOF AND WALLS (PSF)

ZONE	1, 2, 3	1	2	3	4		5	
TRIB AREA	(+)	(-)	(-)	(-)	(+)	(-)	(+)	(-)
10	23	-49	-77	-92	34	-37	34	-46
20	21	-44	-67	-79	33	-35	33	-43
50	18	-38	-51	-61	30	-33	30	-38
100	16	-33	-40	-46	29	-32	29	-35
200	14	-28	-40	-46	27	-30	27	-32
500	14	-28	-40	-46	25	-28	25	-28

WINDOWS, DOORS, AND ROOFING

1. FOR THE SELECTION OF WINDOW, DOOR, AND ROOFING PRODUCTS, TABULATED VALUES ARE NORMALLY MULTIPLIED BY 0.6 PRIOR TO COMPARISON WITH THE POSITIVE AND NEGATIVE PRESSURE RATINGS PROVIDED IN EACH FLORIDA PRODUCT APPROVAL. IT IS RECOMMENDED THAT THE MANUFACTURER'S REPRESENTATIVE REVIEW THESE DRAWINGS FOR VERIFICATION. THE TRIBUTARY AREA FOR ROOFING PRODUCTS IS TYPICALLY BASED ON 10 SQUARE FEET, AND FOR DOORS AND WINDOWS IT IS BASED ON THE SURFACE AREA OF THE WALL OPENINGS.

ROOF OVERHANG PRESSURES (WHERE NOT TABULATED ABOVE)

1. ROOF OVERHANG PRESSURES ARE DETERMINED BY SUMMING THE ABSOLUTE VALUE OF THE NEGATIVE ROOF ZONE (1, 2, OR 3) PRESSURE AND THE POSITIVE WALL ZONE (4 OR 5) PRESSURE, BASED ON THE APPLICABLE TRIBUTARY AREA. THE SUM IS THEN MULTIPLIED BY -1 TO GET THE CORRESPONDING ROOF OVERHANG UPLIFT PRESSURE.

SYMBOLS AND ABBREV.

ALT	ALTERNATE/ALTERNATIVE
ACI	AMERICAN CONCRETE INSTITUTE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
AB	ANCHOR BOLTS
ARCH	ARCHITECTURE/ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
AWS	AMERICAN WELDING SOCIETY
BB	BOND BEAM
BFB	BOTTOM FLANGE BRACE
BP	BASE PLATE/BEARING PLATE
BRG	BEARING
BM	BEAM
BLK	BLOCK
B/	BOTTOM OF
BLDG	BUILDING
CANT	CANTILEVER
CL	CENTERLINE
CLR	CLEAR/CLEARANCE
COL	COLUMN
CB	CONCRETE BEAM
CC	CONCRETE COLUMN
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
CONNX	CONNECTION
CONST	CONSTRUCTION
CS J	CONSTRUCTION JOINT
C J	CONTRACTION JOINT / CONTROL JOINT
DET	DETAIL
DEPT	DEPARTMENT
DBA	DEFORMED BAR ANCHOR
DFT	DRY FILM THICKNESS
DIA	DIAMETER
DIM	DIMENSION
DIST	DISTANCE
DN	DOWN
DR	DRAIN
DWG	DRAWING
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
EMB	EMBEDMENT
ENGR	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
ES	EACH SIDE
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FBC	FLORIDA BUILDING CODE
FL	FULL LENGTH WELD, WELD ENTIRE DIST.
F V	FIELD VERIFY
F F	FINISHED FLOOR
FLR	FLOOR
F D	FLOOR DRAIN
FTG	FOOTING
GA	GAGE/GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLU-LAM	GLUE LAMINATED
HAS	HEADED ANCHOR STUD
HC	HOLLOW CORE
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
INT	INTERIOR
JT	JOINT
JST	JOIST
K	KIP = 1000 LB
KO	KNOCK OUT
LGTH	LENTGH
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MANUF	MANUFACTURE/MANUFACTURER
M B	MASONRY BEAM
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
N I C	NOT IN CONTRACT
NOM	NOMINAL
N T S	NOT TO SCALE
N W T	NORMAL WEIGH TOPPING
O C	ON CENTER
OPNG	OPENING
OPP	OPPOSITE
PAF	POWER ACTUATED FASTENER
PL	PLATE
PLY	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PC	PRECAST CONCRETE
PRE-ENG	PRE-ENGINEERED
PREFAB	PREFABRICATED
PROJ	PROJECTION
PT	PRESSURE TREATED
PW	PANEL WIDTH
REF	REFERENCE
REINF	REINFORCING
R C P	REINFORCED CONCRETE PIPE
REQD	REQUIRED
R W	RETAINING WALL
R D	ROOF DRAIN
SCHED	SCHEDULE
SIM	SIMILAR
SPC	SPACE/SPACES
SPECS	SPECIFICATIONS
SPF	SPRUCE PINE FUR
SQ	SQUARE
S A	STUD ANCHOR
S S	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUC	STRUCTURAL
SYM	SYMMETRICAL
SF	STEPPED FOOTING
SYP	SOUTHERN YELLOW PINE
THK	THICK
THD	THREAD/THREADED
TB	TIE BEAM
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
T.O.C.	TOP OF CONCRETE
T.O.S.	TOP OF STEEL
TRANS	TRANSVERSE
TYP	TYPICAL
T/	TOP OF
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VOL	VOLUME
WF	WALL FOOTING
WPF	WATERPROOF
WWF	WELDED WIRE FABRIC
WH	WEEP HOLE
WT	WEIGHT
WF	WIDE FLANGE
W /	WITH
W / O	WITHOUT
WD	WOOD
WP	WORKING POINT

DAVID M. CRAPPS LICENSE No.60989 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by David M Crapps
Digitally signed by David M Crapps
Date: 2025.05.28 07:36:17-04'00'
on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FL 32056
PH. 386-752-4675
LIC NO. LB8356
2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET
CA# 29011

JOB NUMBER: L250421KAY
EOR: DAVID M. CRAPPS
P.E. NO.: 60989

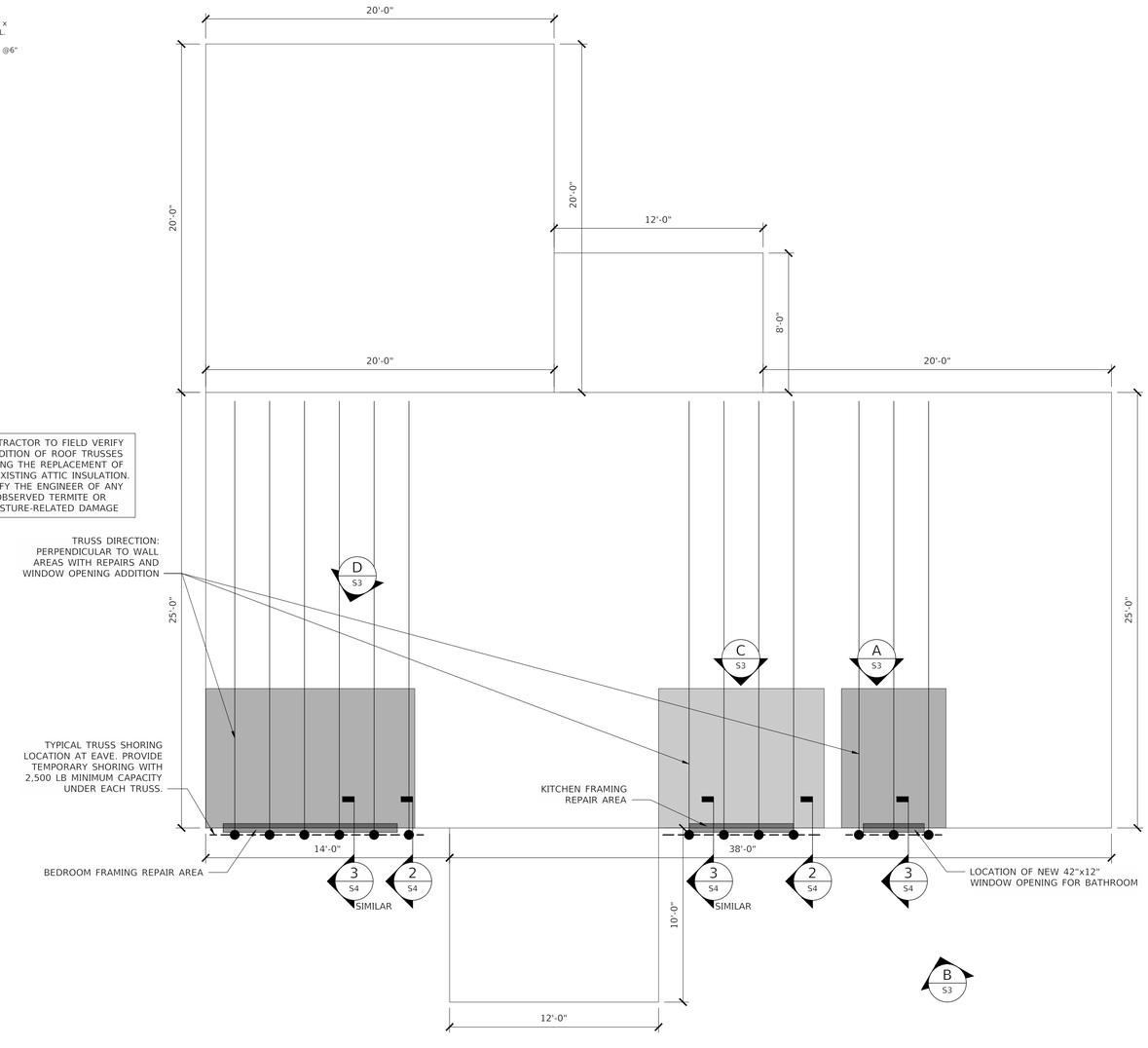
STRUCTURAL GENERAL NOTES

MORALES RESIDENCE
412 SW BEAR LN, FORT WHITE
COLUMBIA COUNTY, FLORIDA 32038

SHEET NO. S1

PLAN NOTES

1. SPIKE MULTIPLE PLY BEAMS TOGETHER WITH 2 ROWS OF 10d HOT DIPPED GALV. COMMON NAILS @12"O.C. STAGGERED, PER PLY.
2. ROOF SHEATHING SHALL BE 1/2" APA RATED PLYWOOD OR OSB WITH 8d x 2-1/2" LONG HOT DIPPED GALV. RINGSHANKED NAILS @6" O.C. AT PANEL EDGES AND @6" O.C. IN FIELD OF PANEL. PROVIDE 1/8" GAP BETWEEN ADJACENT PANELS AND/OR USE SIMPSON PSCL CLIPS.
3. WALL SHEATHING SHALL BE 1/2" APA RATED PLYWOOD OR OSB WITH 8d HOT DIPPED GALV x 2-1/2" LONG RINGSHANK NAILS @6" O.C. AT PANEL EDGES AND @6" O.C. IN FIELD OF PANEL. PROVIDE 2x SOLID BLOCKING AT HORIZONTAL PANEL EDGES.
4. AT STUD PACKS, SPIKE STUD PLIES TOGETHER WITH 10d HOT DIPPED GALV COMMON NAILS @6" O.C. STAGGERED, PER PLY.



1 STRUCTURAL REPAIR PLAN

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

N

DAVID M. CRAPPS LICENSE No.60989 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by David M Crapps
Digitally signed by David M Crapps
Date: 2025.05.28 07:36:39-04'00'
on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.

P.O. BOX 3823
LAKE CITY, FL 32056
PH. 386-752-4675
LIC NO. LB8356

2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET
CA# 29011

JOB NUMBER: L250421KAY
EOR: DAVID M. CRAPPS
P.E. NO.: 60989

STRUCTURAL REPAIR PLAN

MORALES RESIDENCE
412 SW BEAR LN, FORT WHITE
COLUMBIA COUNTY, FLORIDA 32038

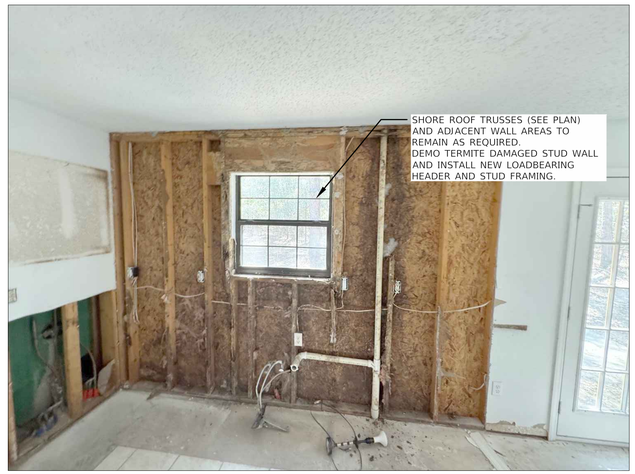
SHEET NO. S2

A **BATHROOM REPAIR PHOTO DETAIL (INTERIOR)**

SCALE: N.T.S.

B **BATHROOM REPAIR PHOTO DETAIL (EXTERIOR)**

SCALE: N.T.S.



C **KITCHEN AREA REPAIR PHOTO DETAIL (INTERIOR)**

SCALE: N.T.S.

D **BEDROOM REPAIR PHOTO DETAIL (INTERIOR)**

SCALE: N.T.S.

DAVID M. CRAPPS LICENSE No.60989 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by David M Crapps
Digitally signed by David M Crapps
Date: 2025.05.28 07:36:54-04'00'
on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.

P.O. BOX 3823
LAKE CITY, FL 32056
PH. 386-752-4675
LIC NO. LB8356

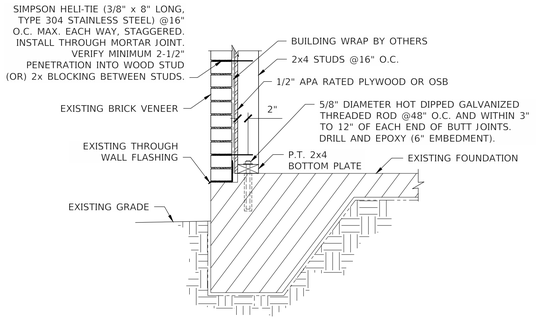
2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET
CA# 29011

JOB NUMBER: L250421KAY
EOR: DAVID M. CRAPPS
P.E. NO.: 60989

STRUCTURAL REPAIR PHOTOS

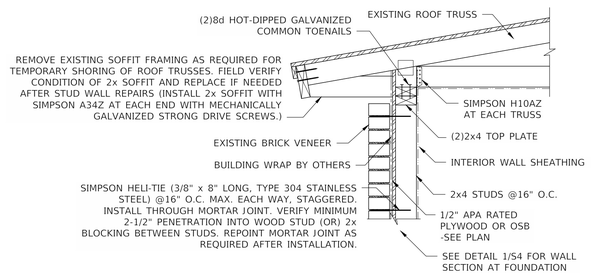
MORALES RESIDENCE
412 SW BEAR LN, FORT WHITE
COLUMBIA COUNTY, FLORIDA 32038

SHEET NO. **S3**



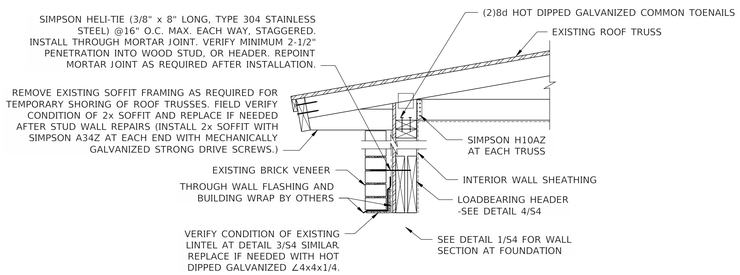
1 FOUNDATION SECTION

SCALE: 1" = 1'-0"



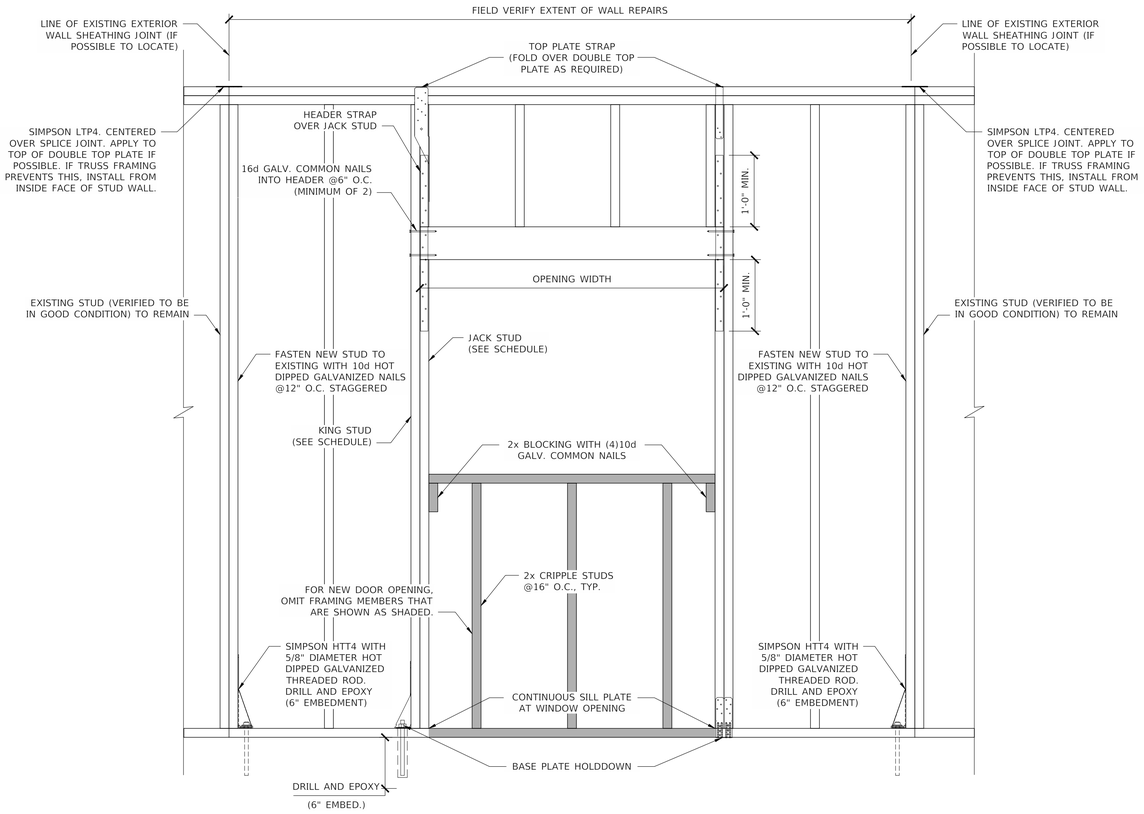
2 SECTION AT WALL

SCALE: 1" = 1'-0"



3 BATHROOM WINDOW HEADER / LINTEL DETAIL

SCALE: 1" = 1'-0"



4 TYPICAL EXTERIOR WALL OPENING DETAIL

SCALE: N.T.S.

NOTES

1. ALL LUMBER SHALL BE SOUTHERN YELLOW PINE NO.2 OR BETTER.
2. USE PLYWOOD SPACERS BETWEEN HEADER PLIES AS REQUIRED TO MATCH STUD DEPTH.
3. NAIL STUD PACKS TOGETHER WITH 10d HOT DIPPED GALVANIZED COMMON NAILS @6" O.C. STAGGERED.
4. INTERIOR NON-LOAD BEARING WALL HEADERS SHALL NOT BE LESS THAN CODE MINIMUMS.
5. USE 8d HOT DIPPED GALVANIZED COMMON NAILS ON SIMPSON H6, FULLY NAILED.
6. USE 10d HOT DIPPED GALVANIZED COMMON NAILS ON SIMPSON LSTA36, FULLY NAILED.

HEADER SCHEDULE

MAXIMUM OPENING WIDTH	HEADER SIZE	JACK STUDS	KING STUDS	SIMPSON STRONG-TIE CONNECTORS		
				TOP PLATE	HEADER	HOLDDOWN
3'-0"	(2) 2x6	(1) 2x4	(1) 2x4	H6 (OR) SP4	LSTA36	DSPZ
5'-0"	(2) 2x8	(1) 2x4	(2) 2x4	H6 (OR) SPH4	LSTA36	DTT2Z

DAVID M. CRAPPS LICENSE No.60989 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by David M Crapps
Digitally signed by David M Crapps
Date: 2025.05.28 07:37:08-04'00'
on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FL 32056
PH. 386-752-4675
LIC NO. LB8356
2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET
CA# 29011

JOB NUMBER: L250421KAY
EOR: DAVID M. CRAPPS
P.E. NO.: 60989

SECTIONS AND DETAILS

MORALES RESIDENCE
412 SW BEAR LN, FORT WHITE
COLUMBIA COUNTY, FLORIDA 32038

SHEET NO. S4