

GENERAL NOTES

FLOOR PLAN NOTES

1- GARAGE CEILINGS BEHIND HABITABLE ROOMS SHALL BE PROVIDED WITH 5/8" MIN. TYPE-X GYPSUM BOARD OR EQUIVALENT PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

2- PROVIDE GARAGE SEPARATION FROM THE RESIDENCE AND ITS ATTIC, AND OPENING PROTECTION PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

3- BATHROOMS MIN. CEILING HEIGHT OF 6'-8" OVER FIXTURES AND FRONT FIXTURE CLEARANCE AREA THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

4- OUTDOOR INTAKE AND EXHAUST OPENINGS SHALL BE LOCATED AND PROTECTED PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

5- MECHANICAL VENTILATION PER SECTION M1507 OF THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

6- ALL EXHAUST SYSTEMS PER CHAPTER 15 OF THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

7- STAIRWAY CONSTRUCTION PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

8- DUCTS LOCATED IN THE GARAGE SHALL BE 26 GAUGE SHEET METAL, 1" MIN. RIGID NON-METALLIC CLASS D OR CLASS 1 DUCTBOARD OR OTHER APPROVED MATERIAL AND HAVE NO OPENINGS INTO THE GARAGE PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

9- ATTIC ACCESS SIZE, LOCATION, AND HEADROOM PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

10- WATER HEATER INSTALLATION, DRAINING, AND VENTING PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

11- STAIRWAY CONSTRUCTION AND HANDRAILS PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

12- EXTERIOR WINDOWS AND DOORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

13- SKYLIGHTS SHALL BE TESTED, LABELED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION

14- FACTORY BUILT FIREPLACES AND CHIMNEYS SHOULD BE LISTED, LABELED, AND INSTALLED & TERMINATED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS AND LISTING CONDITIONS PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

15- GLASS BLOCK MASONRY UNITS SHALL CONFORM TO SUPPORT AND INSTALLATION REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION AND GLASS BLOCK DETAIL.

16- PROVIDE TEMPERED GLASS AND / OR SAFETY GLAZING PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

17- EXTERIOR EQUIPMENT/OUTDOOR HEATING AND COOLING EQUIPMENT AND APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

18- EQUIPMENT AND APPLIANCES IN GARAGES SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

+ ALL EXTERIOR WALLS, WALL COVERINGS AND SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN THE 2020 FLORIDA BUILDING CODE-RESIDENTIAL, SEVENTH EDITION P+ AIR HANDLERS ENCLOSED OR METAL DUCT TO BE USED IN EXPOSED AREAS.

+ CEMENT FIBER-CEMENT, OR GLASS MAT GYPSUM REQUIRED AS BACKERS FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL PANELS IN SHOWER AREAS.

+ DRYER EXHAUST DUCT TERMINATION: REQUIREMENT THAT EXHAUST TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENING INTO BUILDINGS.

19- DRILL AND EPOXY AS PER MANUFACTURER'S SPECS. EPOXY = SIMPSON SET EPOXY.

20- ALL DRILLED AND EPOXIED HOLES MUST BE PROPERLY VACUUMED, BRUSHED, AND BLOWN CLEAN PER MFGR'S RECOMMENDATIONS TO ACHIEVE UPLIFT CAPACITY

21- ANY MECHANICAL EQUIPMENT AND/OR APPLIANCES IN GARAGE TO BE PROTECTED AGAINST VEHICULAR IMPACT AS PER LOCAL JURISDICTION REQUIREMENTS. (IF EQUIPMENT OR APPLIANCE IS IN TRAVEL PATH OF THE VEHICLE)

ELEVATION PLAN NOTES

1- ALL EXTERIOR FINISHES APPLIED PER MANUFACTURER'S SPECIFICATIONS AND/OR INSTALLATION INSTRUCTIONS PER 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

2- EXTERIOR WALL MINIMUM WEATHER PROTECTION PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

3- EXTERIOR LATH INSTALLATION AND FRAMING PER ASTM C 926 AND ASTM C 1063 AND THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

4- CEMENTITIOUS FINISH APPLIED TO LATH OVER FRAME PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

5- CEMENTITIOUS TEXTURED FINISH PER ASTM C 926 AND ASTM C 1063 AND THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

6- PROVIDE APPROPRIATE CLEARANCE BETWEEN EXTERIOR WALL COVERING AND FINAL EARTH GRADE NOT LESS THAN SPECIFIED PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

7- FACTORY BUILT FIREPLACES AND CHIMNEYS SHOULD BE LISTED, LABELED, AND INSTALLED & TERMINATED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND LISTING CONDITIONS THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

8- SKYLIGHTS SHALL BE TESTED, LABELED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS PER 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

9- GLASS BLOCK MASONRY UNITS SHALL CONFORM TO SUPPORT AND INSTALLATION REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION AND GLASS BLOCK DETAIL.

10- PROVIDE ATTIC VENTILATION PER SECTION THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

11- PROVIDE EXTERIOR ENVELOPE WITH FLASHING, SEALANTS AND WEATHER STRIPPING.

12- SOFFITS TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DESIGN WIND LOAD PRESSURES AND IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE AND SEVENTH EDITION.

13- ALL DECORATIVE MOLDINGS, BRACKETS, LOUVERS, NICHES, SHUTTERS AND/OR SIDING TO BE INSTALLED, FASTENED OR ADHERED TO THE STRUCTURE PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DESIGN WIND LOAD PRESURES.

14- PROVIDE FLASHING & BOND BREAK PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION

CEMENTOUS FINISH NOTE

1- OVER MASONRY PORTLAND CEMENT PLASTER TO BE MIN. PER FBC 1/2" AND NOT LESS THAN A TWO-COAT SYSTEM APPLIED PER ASTM C 926.

2- OVER WOOD PORTLAND CEMENT PLASTER TO BE 7/8" MIN. PER FBC AND NOT LESS THAN A THREE COAT SYSTEM APPLIED PER ASTM C 926. ALL LATHE AND CORNER BEADS.

3- ARCHITECTURAL TRIM SHOULD BE INSTALLED OVER THE BROWN COAT OR THE SUBSTRATE. WHEN INSTALLED OVER THE SUBSTRATE IT MUST HAVE LATHE AND CORNER BEADS.

ROOF NOTES:

1- ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY TRUSS MANUFACTURER'S REGISTERED ENGINEER.

2- TRUSS MANUFACTURER TO VERIFY ALL TRUSS SPANS, SLOPES, BEARING POINTS, AND DIMENSIONS BEFORE FABRICATION. ALSO, TRUSS MANUFACTURER TO PROVIDE SHOP DRAWINGS TO RPI DESIGN STUDIO, INC.

7- STAIRWAY CONSTRUCTION PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

8- DUCTS LOCATED IN THE GARAGE SHALL BE 26 GAUGE SHEET METAL, 1" MIN. RIGID NON-METALLIC CLASS D OR CLASS 1 DUCTBOARD OR OTHER APPROVED MATERIAL AND HAVE NO OPENINGS INTO THE GARAGE PER THE 2020 FLORIDA BUILDING CODE - RESIDENTIAL, SEVENTH EDITION.

3- ALL ROOF PITCHES ARE TO BE SET AS INDICATED ON PLANS AND ELEVATIONS.

4- TOP PLATE HEIGHTS VARY. SEE BUILDING SECTIONS, WALL SECTIONS, AND ELEVATIONS FOR BEARING HEIGHTS.

5- TRUSS SPACING SHALL BE 24" O.C. UNLESS OTHERWISE NOTED. CONVENTIONAL FRAMING SHALL BE 16" O.C. OR AS OTHERWISE NOTED.

6- TRUSS MANUFACTURER TO PROVIDE ALL GABLE END TRUSSES WITH INTERMEDIATE STUD MEMBERS 24" O.C. MAX.

7- ROOF DECKING AS SPECIFIED.

8- OVERHANGS WILL VARY. SEE ROOF PLAN AND EXTERIOR ELEVATIONS. ALL OVERHANGS GREATER THAN 18" SHALL BE TACKED ON IN THE FIELD.

9- FRAME WALLS UP TO UNDERSIDE OF ROOF TRUSSES AT ALL NON-BEARING WALLS AND AT VOLUME AREA UNLESS OTHERWISE NOTED.

10- ALIGN TRUSSES AND HAND FRAMING SO AS ALL GYPSUM WALL BOARD TO BE CONTINUOUS FROM FLOOR TO CEILING.

11- TRUSS MANUFACTURER TO INSURE DESIGN CONSIDERATION TO THE FOLLOWING ADDITIONAL LOADS:

A: ALL CEILING HUNG SOFTS AND SOFTS W/ CABINETS AS SHOWN ON PLANS.

B: ATTIC LOCATED HVAC UNITS AS SHOWN ON PLAN

12- PROVIDE ROOF DECK WEATHER PROTECTION PER THE 2020 FBC-RESIDENTIAL SEVENTH EDITION.

13- PROVIDE ROOF COVERING MATERIALS PER THE 2020 FBC-RESIDENTIAL SEVENTH EDITION.

14- INSTALL ROOF COVERINGS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE PROVISIONS OF THE 2020 FBC-RESIDENTIAL SEVENTH EDITION..

15- INSTALLATION OF ALL FLASHINGS, VALLEYS, CRICKETS AND SADDLES, DRIP EDGES, UNDERLAYMENT AND FASTENERS PER APPLICABLE PROVISIONS OF THE 2020 FBC-RESIDENTIAL SEVENTH EDITION.

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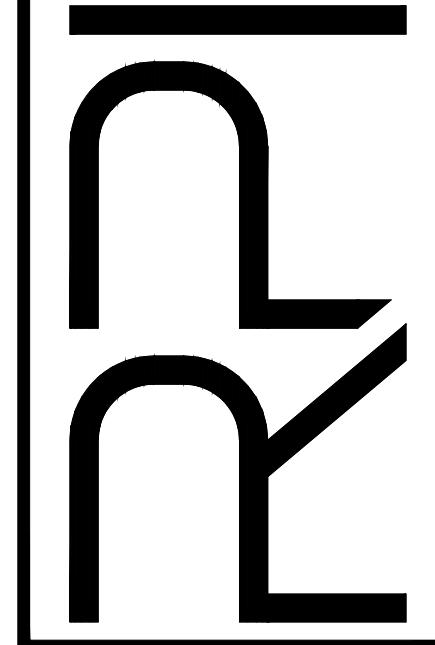
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Window R.O. Chart- Aluminum

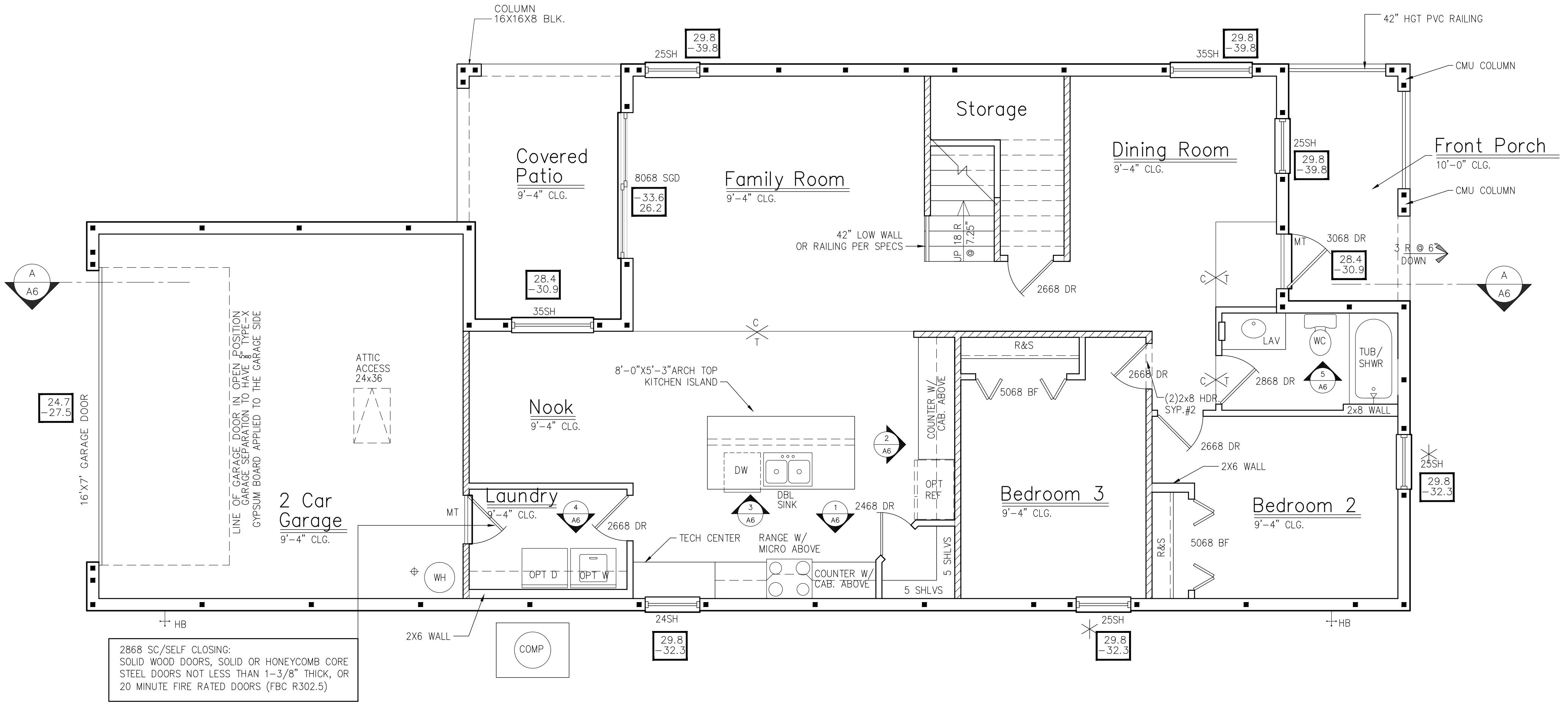
WINDOW / FLANGE (SINGLE HUNG)	ROUGH OPENING FRAME	ROUGH OPENING BLOCK	WINDOW / FLANGE (HALF RADUS)	ROUGH OPENING FRAME	ROUGH OPENING BLOCK	WINDOW / FLANGE (FULL RADUS)	ROUGH OPENING FRAME	ROUGH OPENING BLOCK	WINDOW / FLANGE (FIXED)	ROUGH OPENING FRAME	ROUGH OPENING BLOCK
SH13	24" X 36"	19" X 38"	2040	24" X 51"	2040	24" X 51"	2050	24" X 53"	2040	24" X 24"	24" X 24"
SH14	24" X 48"	19" X 50"	2050	24" X 63"	2060	24" X 75"	2060	24" X 75"	2050	24" X 36"	24" X 36"
SH15	24" X 60"	19" X 63"	2060	24" X 75"	2060	24" X 75"	2060	24" X 75"	2060	24" X 60"	24" X 60"
SH16	24" X 72"	19" X 72"	3040	36" X 51"	3040	36" X 51"	3050	36" X 63"			



1st Flr. Plan Notes

MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9543 FLORISH DR.

Lennar Homes



LINE OF GARAGE DOOR IN OPEN POSITION
GYPSUM BOARD APPLIED TO THE GARAGE SIDE

2868 SC/SELF CLOSING:
SOLID WOOD DOORS, SOLID OR HONEYCOMB CORE
STEEL DOORS NOT LESS THAN 1-3/8" THICK, OR
20 MINUTE FIRE RATED DOORS (FBC R302.5)

NOTES: 1.) ALL WNDWS. IN MSTR. AND HALL BATHS TO BE OBS. U.N.O.
2.) ALL EXT. WALLS ARE CONSIDERED AS SHEAR WALLS EXCEPT FOR THOSE PORTIONS OF WALL WITH OPENINGS.

3.) EXTERIOR DOORS AND GARAGE DOOR LEADING TO CONDITIONED SPACE SHALL BE SOLID CORE

+/- DESIGN PRESSURE @ OPENINGS

INDICATES EGRESS WINDOWS (ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MIN. NET CLEAR OPENING OF 5.7 SQ FT, AS PER FBC R310) MINIMUM OPENING ON ALL EGRESS WINDOWS IS 3'-0" X 5'-0"

INDICATES TOILET ROOM DOOR PER 2020 FBC-R

SC INDICATES SOLID CORE DOOR

-2X BUILT-UP POSTS TO BE NAILED TOGETHER W/ 10d's @ 4" O.C. STAGGERED. FIRST NAIL @ 2" FROM END U.N.O.

-ANY GLASS SHOWER ENCLOSURES ARE TO BE TEMPERED GLASS.

-ALL WOOD IN DIRECT CONTACT W/ CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WOOD.

- INDICATES INTERIOR BRG. WALL TO BE 2x4 #2 SYP @ 16" O.C. OR 2x4 #2 SPF @ 16" O.C. W/ MID-BLOCKING PER DETAIL 31/D1 U.N.O.

- INDICATES ONE-STORY EXTERIOR BEARING WALL

- INDICATES 4" FILLED SOLID FORMED CELL ON EACH SIDE OF ROUGH OPENING (W/ OR W/ OUT OPT, SL.) WITH 1 #5 BAR CONT. FROM BEAM TO FTG W/ 10" HOOK MIN AND 1/4" ROUND TIES AT 16" O.C. AROUND MASONRY CELL & FORMED CELL VERTICAL #5 BARS. NOTE STEEL REINFORCED 8" MASONRY FILLED CELLS COULD BE USED I.L.O. THE FILLED SOLID FORMED CELLS.

MULTIPLE 2x4 STUDS NAILED
TOGETHER W/ (1) 10d NAILS @ 8"
O.C. EA PLY STAGGERED TYP.

WRITTEN DIMENSIONS SHALL HAVE
PRECEDENCE OVER SCALE DIMENSIONS.
Contractors shall verify and be responsible for
dimensions and conditions of the job and RPi
must be notified in writing of any variation from
the dimensions, conditions and specifications
appearing on these plans.

Area Tabulations

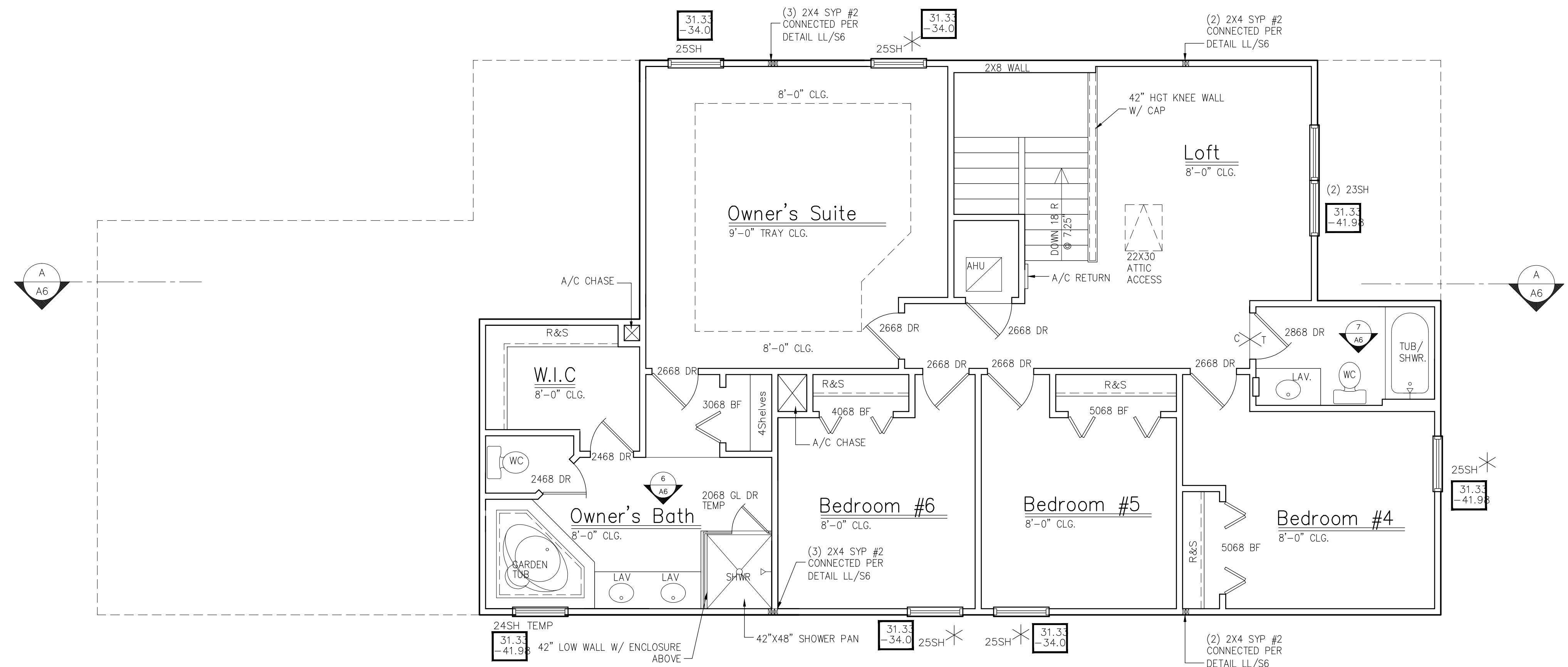
Living:	
1st floor:	1352 sf
2nd floor:	1282 sf
Total Living:	2634 sf
Covered Porch:	87 sf
Patio:	121 sf
Garage:	444 sf
Other:	N/A sf
Total Area:	3286 sf

NOTES:

1. GARAGE DOOR TO BE CERTIFIED BY MFR. FOR 145 M.P.H.
2. ALL TUB & SHOWER UNITS WILL HAVE ANTI-SCALDING DEVICES INSTALLED.
3. ALL DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER/CLIENT.

drawn by
K.L.
checked by
D.M.
date
03.16.2021
scale
AS NOTED
project no.
21-3004
drawing no.
A 1

ALBERTO GUIDA
LIC #; PE74000



NOTE: WINDOWS ON SECOND FLOOR
WILL REQUIRE DOUBLE 2X6 SYP#2
AS THE HEADER (MIN.)

NOTES:
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2nd Flr. Plan Notes

MODEL NAME: LENNAR 2603 B

LOT NUMBER: BLK. 68 - LOT 05

SUBDIVISION: CONNERTON 40

ADDRESS: 9543 FLURISH DR.

License No.: PE74000
803 Euclid Dr., Suite 6, Orlando, FL 32819
Phone: 407-385-2886, fax: 407-296-2990
Visit our website: www.rplplans.com

Lennar Homes

drawn by K.L.

checked by D.M.

date 03.16.2021

scale AS NOTED

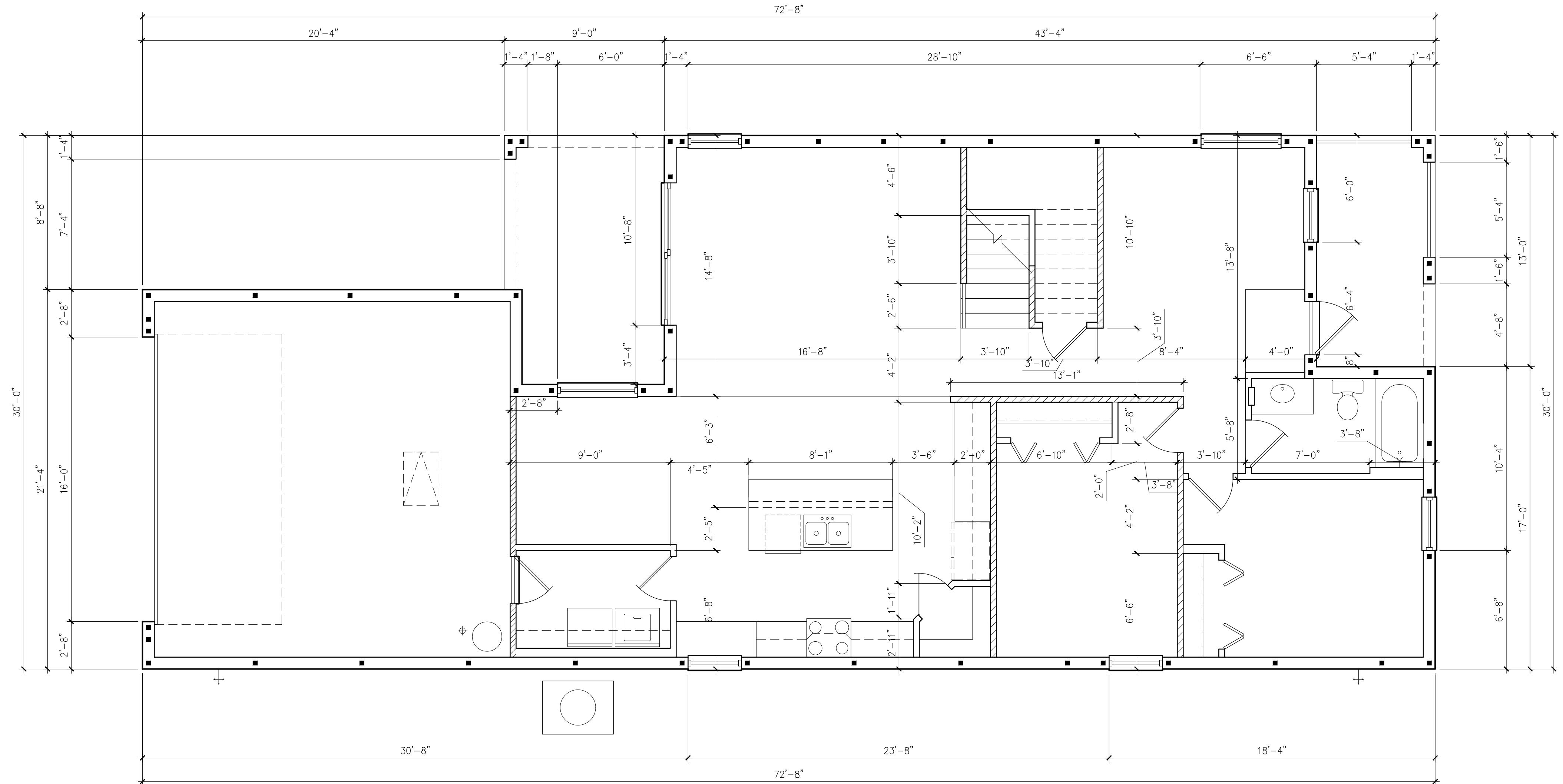
project no. 21-3004

drawing no. A1

ALBERTO GUIDA

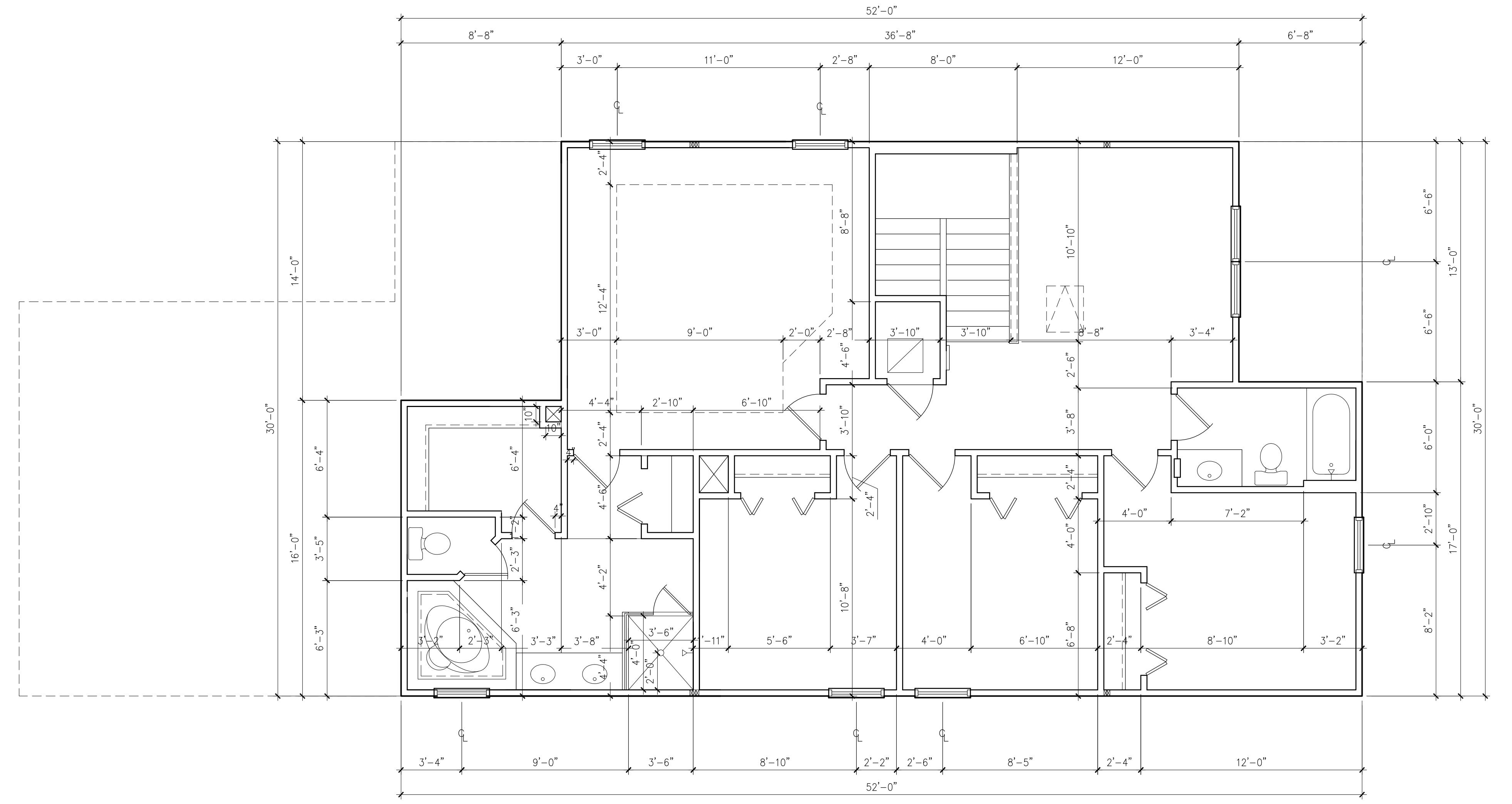
LIC #; PE74000

Lennar Homes



drawn by K.L	checked by D.M
date 03.16.2021	scale AS NOTED
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A2	
ALBERTO GUIDA LIC # PE74000	

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Lennar Homes

drawn by
K.L
checked by
D.M
date
03.16.2021
scale
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A 2.1

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2nd Flr. Plan Dim

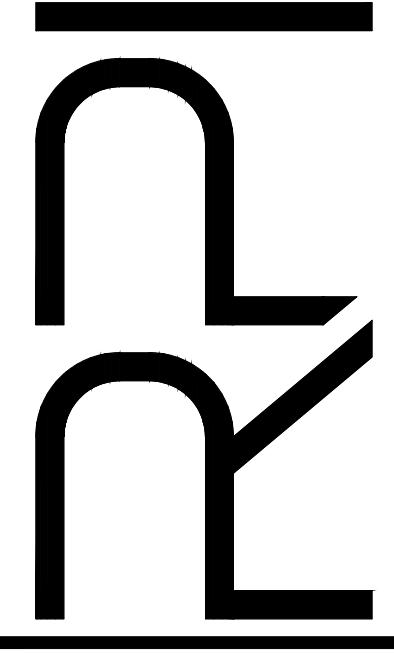
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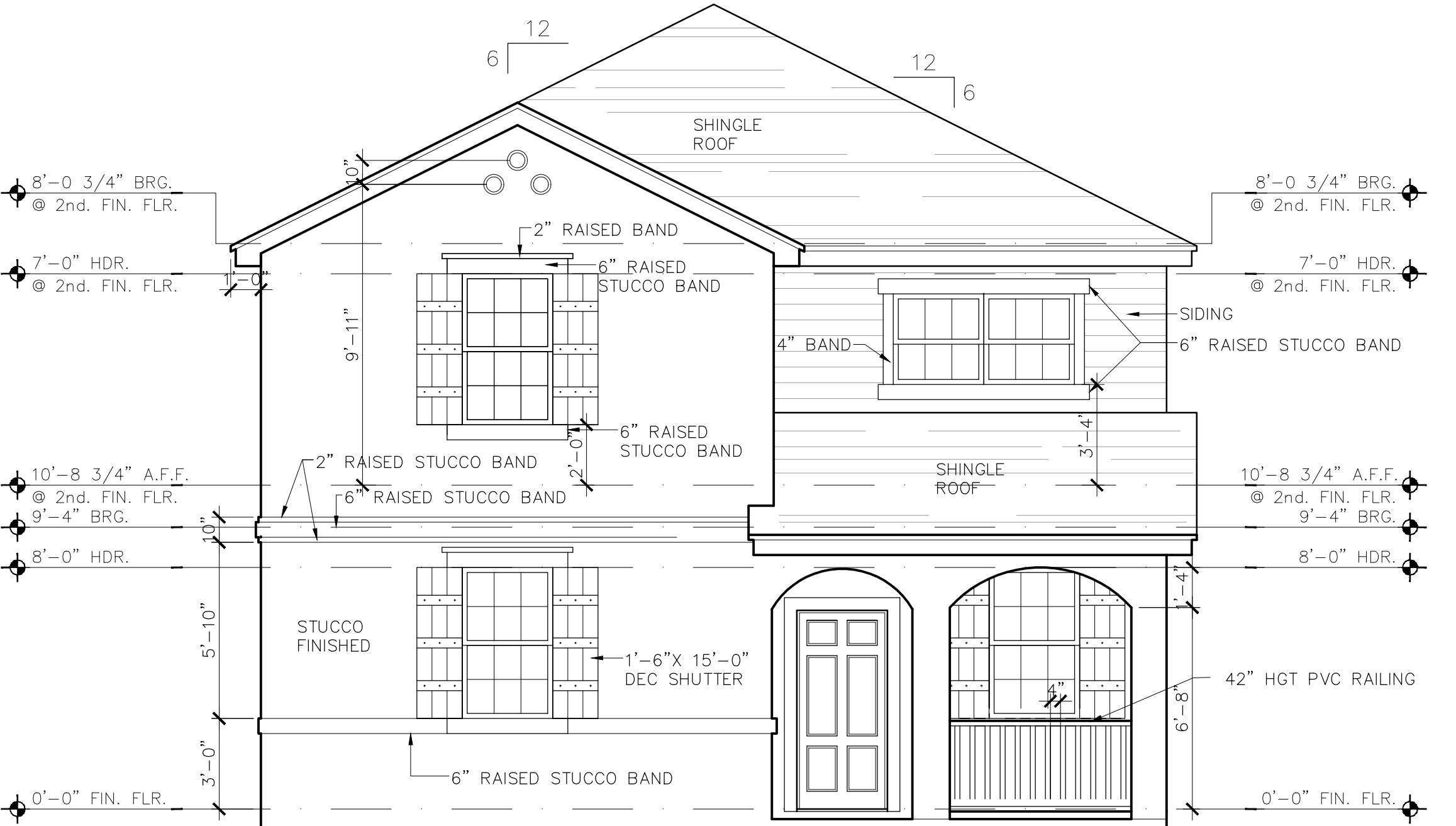
Elevations
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LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON A0
ADDRESS: 9543 FLOURISH DR.

Lennar Homes

drawn by K.L.	checked by D.M.
date 03.16.2021	scale AS NOTED
project no. 21-3004	drawing no. A3

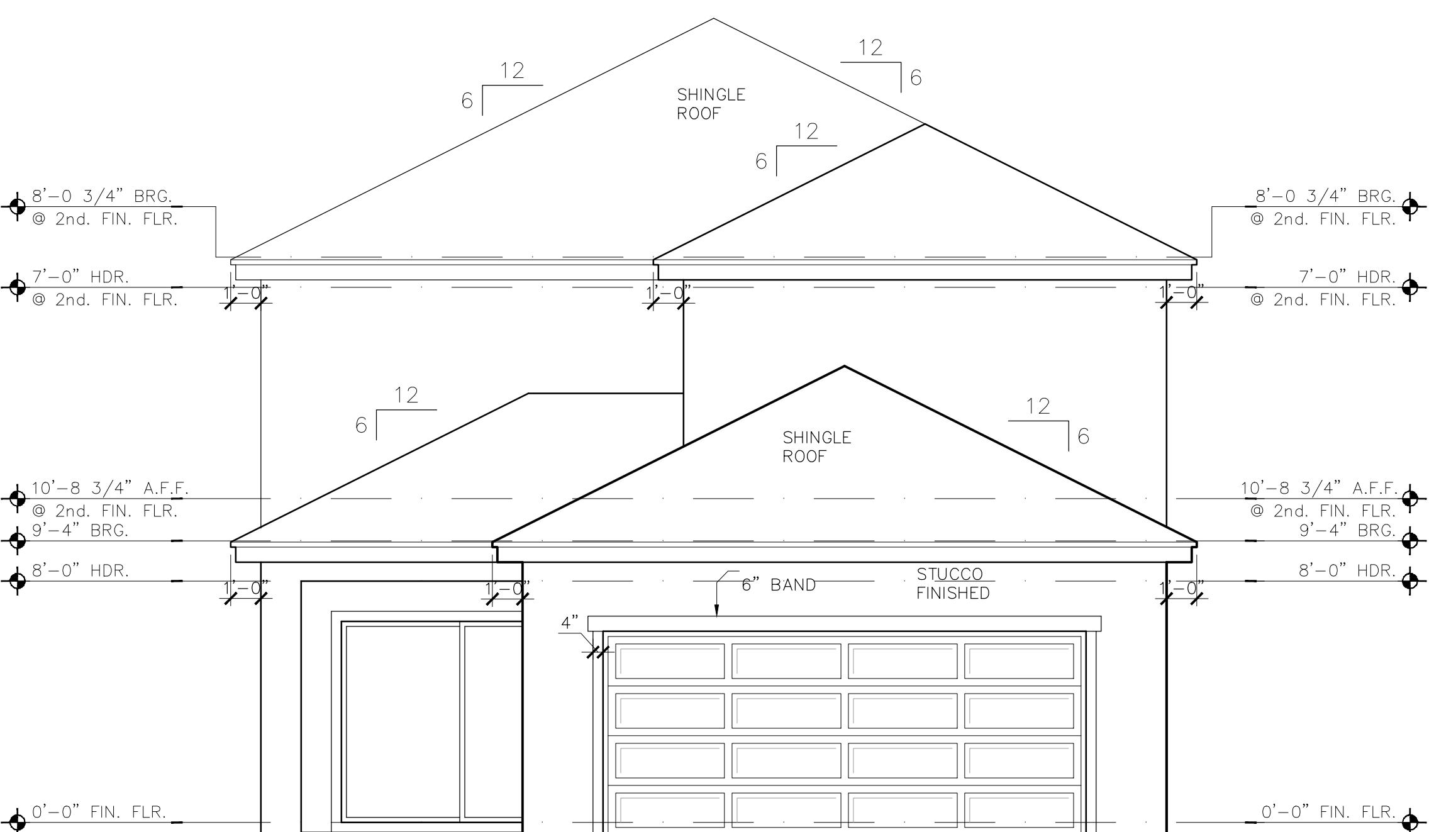
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LIC # PE74000

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Front Elevation

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



Rear Elevation

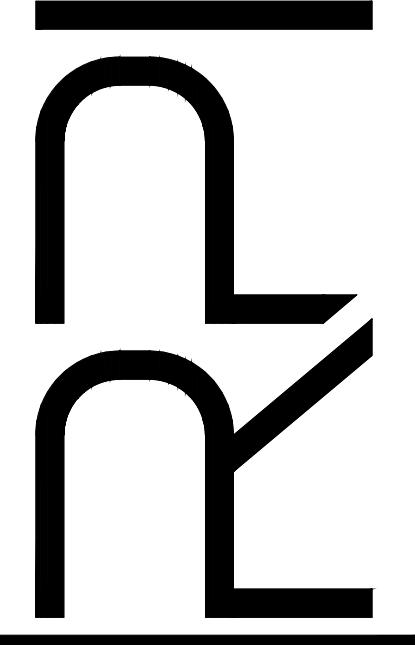
SCALE: 1/4" = 1'-0"

NOTE:
1. STUCCO APPLICATION MUST BE FBC-R OR THE EXCEPTION , WHICH REFERENCES ASTM C926 R703.6.1, ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION RESISTANT MATERIAL, EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1¹/₈" 11 GAUGE NAILS HAVING A 1¹/₁₆" HEAD OR 7¹/₂" LONG 16 GAGE STAPLES SPACED NO MORE THAN 6 INCHES, OR AS OTHERWISE APPROVED.

2. FBC-R WEEP SCREDES. MINIMUM NO.26 GALVANIZED SHEET GAGE CORROSION- RESISTANT WEEP SCREDE OR PLASTIC WEEP SCREDE WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3-1/2" SHALL BE PROVIDED AT OR BELOW THE PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREDE SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREDE. R703.6.3 WATER RESISTIVE BARRIERS INSTALLED OVER WOOD BASED SHEATHING SHALL INCLUDE A WATER RESISTIVE VAPOR PERMEABLE BARRIER EQUIVALENT TO 2 LAYERS OF GRADE D PAPER.

NOTE:
* PROVIDE FLASHINGS & BOND BREAK PER DETAILS 1/A5 AND 2/A5.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.



Elevations

MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9545 FLORISH DR.

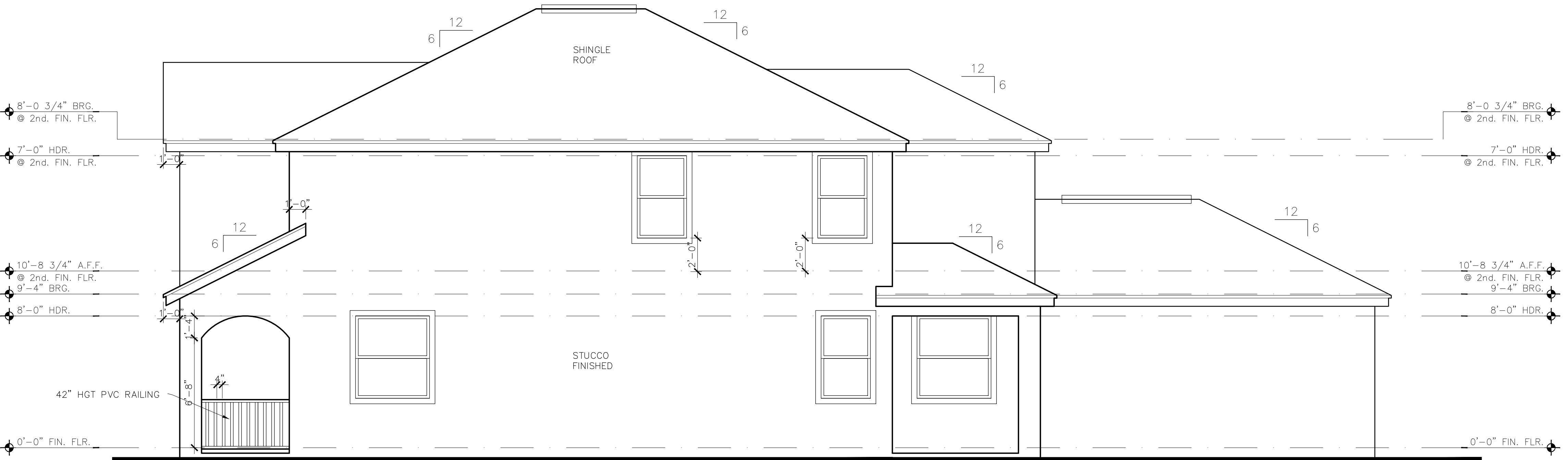
Lennar Homes

drawn by K.L	checked by D.M
date 03.16.2021	scale AS NOTED
project no. 21-3004	drawing no. A4

NOTE:
* PROVIDE FLASHINGS & BOND BREAK PER DETAILS 1/A5 AND 2/A5.

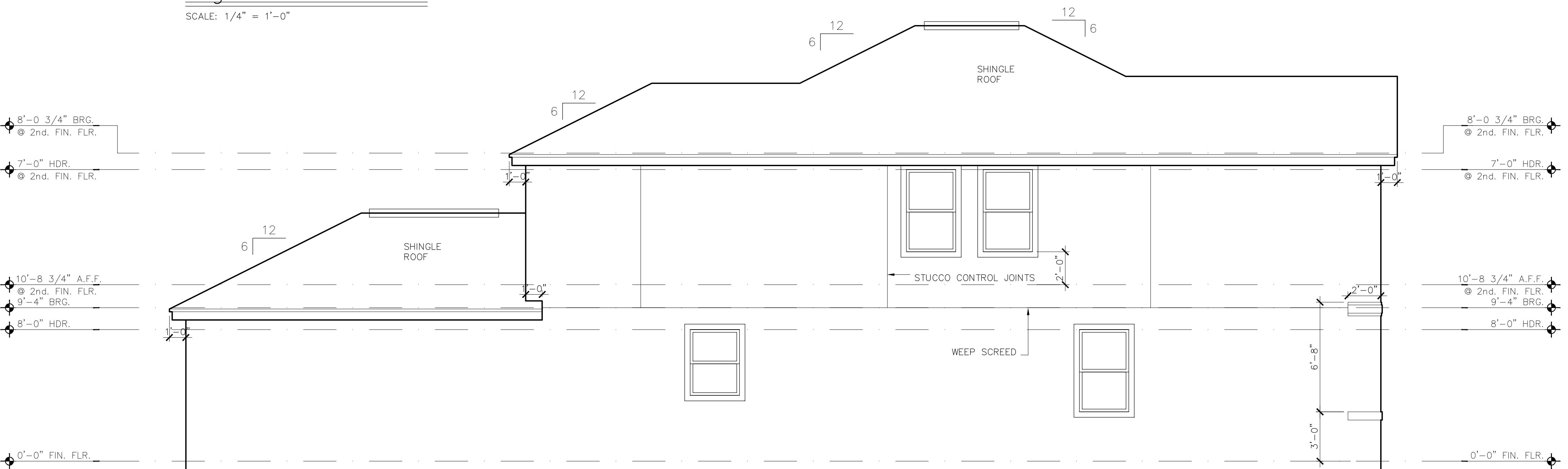
WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

ALBERTO GUIDA
LIC ##: PE74000



Right Side Elevation

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



Left Side Elevation

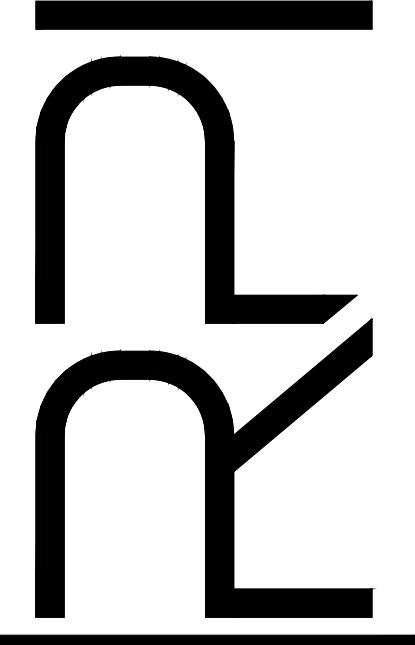
SCALE: 1/4" = 1'-0"

NOTE:
1. STUCCO APPLICATION MUST BE FBC-R OR THE EXCEPTION , WHICH REFERENCES ASTM C926 R703.6.1. ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION RESISTANT MATERIAL EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1 $\frac{1}{4}$ " 11 GAUGE NAILS HAVING A $\frac{1}{8}$ " HEAD OR $\frac{1}{8}$ " LONG 16 GAGE STAPLES SPACED NO MORE THAN 6 INCHES, OR AS OTHERWISE APPROVED.

2. FBC-R WEPP SCREDS. MINIMUM NO.26 GALVANIZED SHEET GAGE CORROSION- RESISTANT WEPP SCREED OR PLASTIC WEPP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3-1/2" SHALL BE PROVIDED AT OR BELOW THE PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEPP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEPP SCREED. R703.6.3 WATER RESISTIVE BARRIERS INSTALLED OVER WOOD BASED SHEATHING SHALL INCLUDE A WATER RESISTIVE VAPOR PERMEABLE BARRIER EQUIVALENT TO 2 LAYERS OF GRADE D PAPER.

NOTE:
* PROVIDE FLASHINGS & BOND BREAK PER DETAILS 1/A5 AND 2/A5.

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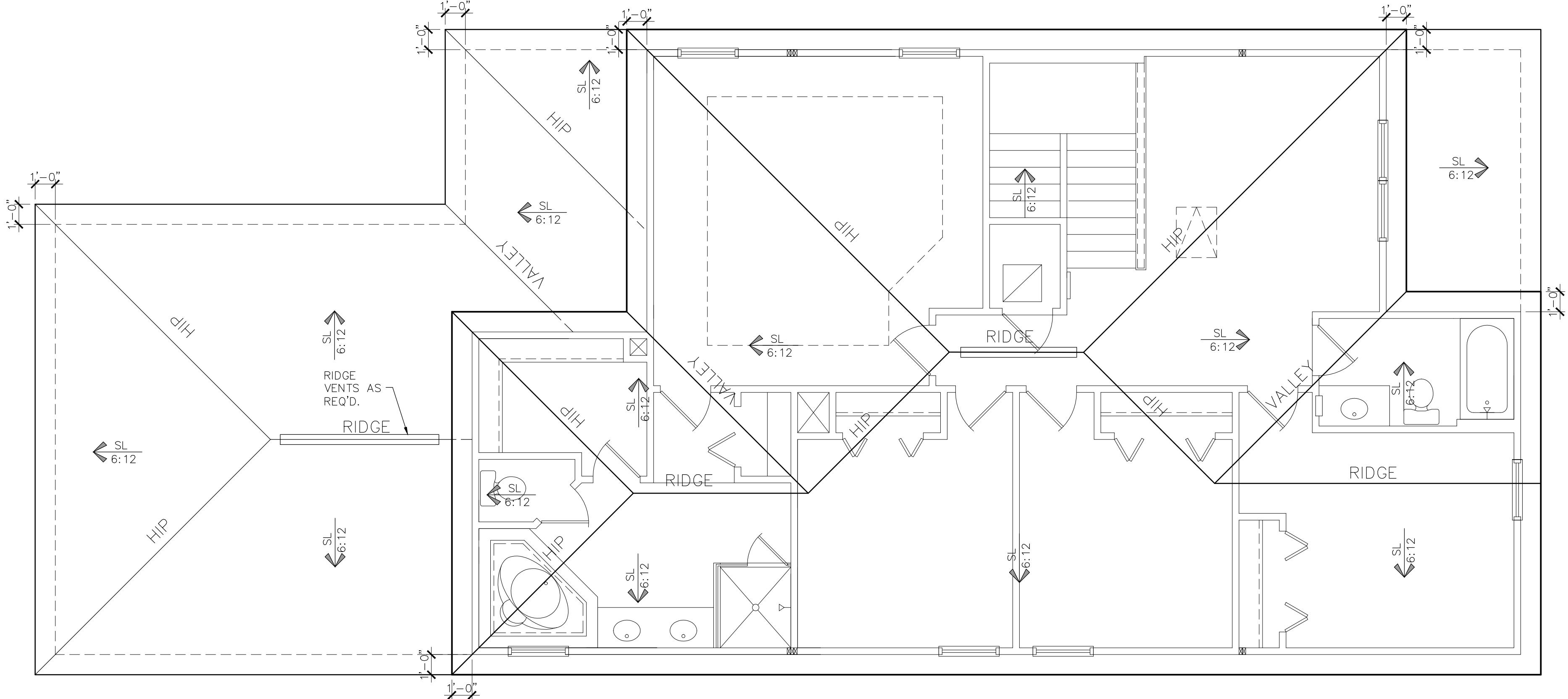
Roof Plan
MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9545 FLORISH DR.

Lennar Homes

drawn by	K.L
checked by	D.M
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	A5

ALBERTO GUIDA
LIC ##: PE74000

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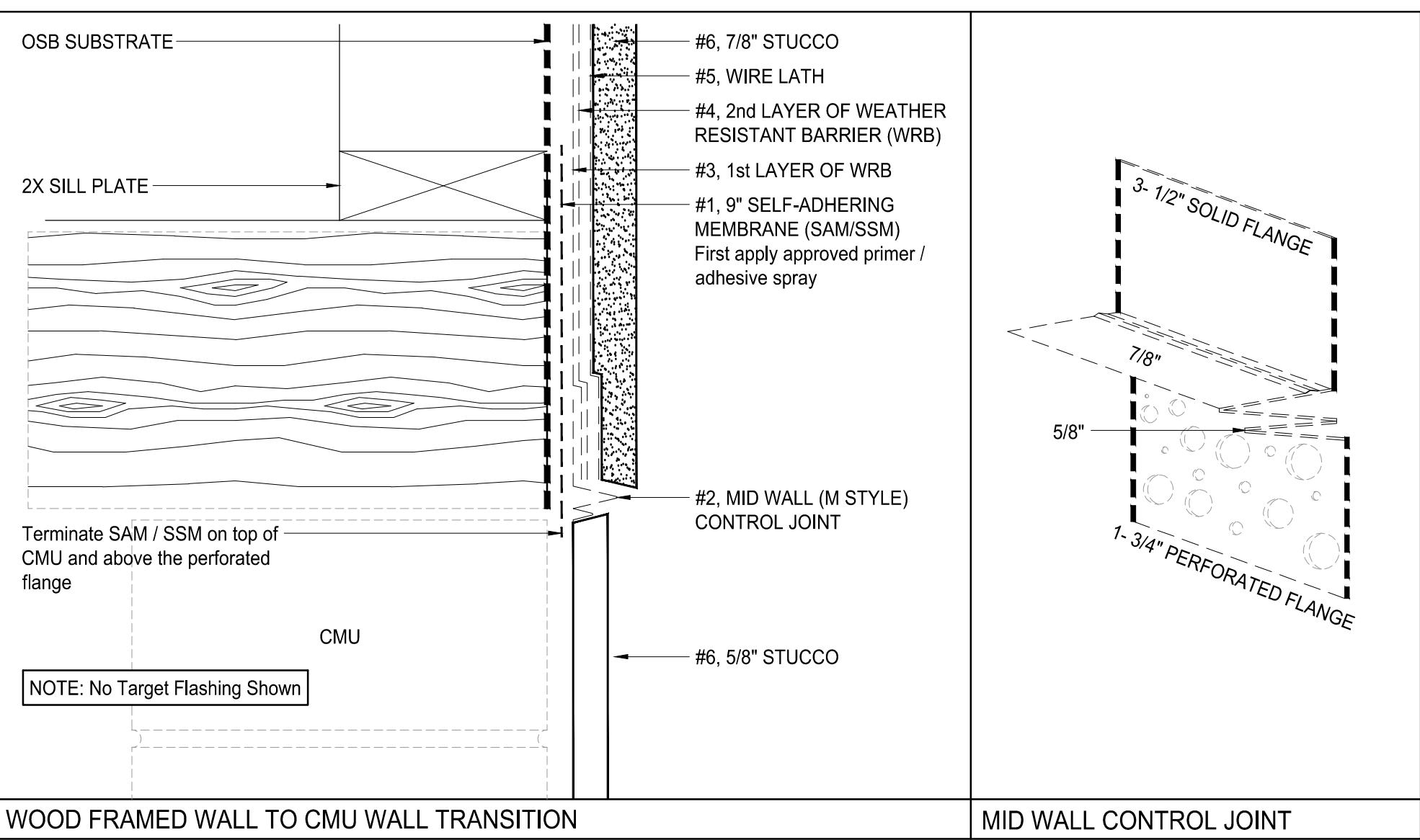
NOTE:
ALL ROOF SLOPES AT 6:12 UNLESS OTHERWISE NOTED.

NOTE:
NO STRUCTURAL CHANGES FROM THE APPROVED PLANS SHALL BE MADE IN THE FIELD UNLESS, PRIOR TO MAKING CHANGES, WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER/ARCHITECT OF RECORD. IF CHANGES ARE MADE WITHOUT WRITTEN APPROVAL SUCH CHANGES SHALL BE THE LEGAL AND FINANCIAL RESPONSIBILITY OF THE CONTRACTOR OR SUB-CONTRACTORS INVOLVED AND SHALL BE THEIR RESPONSIBILITY TO REPLACE OR REPAIR THE CONDITION AS DIRECTED BY THE ENGINEER.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

NOTE:

- WATER RESISTIVE BARRIERS SHALL BE IN ACCORDANCE WITH R703.6.3
- UNDERLAYMENT REQUIREMENTS SHALL BE IN ACCORDANCE WITH R905.2.7



1ST FLOOR ATTIC VENTILATION CALCULATIONS
PER 2020 FBC-R WITH 50% OF REQUIRED VENTILATION IN UPPER PORTION OF ATTIC SPACE AND BALANCE PROVIDED AT LOWER PORTION (EAVES).

MAIN ROOF CALCULATIONS:
MIN. REQ'D NET FREE VENTILATING AREA = (565 SQ. FT.) 144 SQ. IN. = 135 SQ. IN. IN EACH PORTION

VENTILATION PROVIDED AT UPPER PORTION WITH = (2) OFF-RIDGE VENTS 108 SQ. IN = 206 Q.I.N. VENT RIDGE VENTS

NOTES:
PLAN SHOWS APPROXIMATE VENT LOCATIONS ACTUAL LOCATIONS TO BE FIELD DETERMINED.

FIELD INSTALLED SOFFIT TO PROVIDE A MINIMUM NET FREE VENTILATING AREA OF 206 SQ.IN. CUMULATIVE IN MAIN ROOF

2ND FLOOR ATTIC VENTILATION CALCULATIONS

PER 2020 FBC-R WITH 50% OF REQUIRED VENTILATION IN UPPER PORTION OF ATTIC SPACE AND BALANCE PROVIDED AT LOWER PORTION (EAVES).

MAIN ROOF CALCULATIONS:
MIN. REQ'D NET FREE VENTILATING AREA = (1351 SQ. FT.) 144 SQ. IN. = 324 SQ. IN. IN EACH PORTION

VENTILATION PROVIDED AT UPPER PORTION WITH = (3) OFF-RIDGE VENTS 108 SQ. IN = 324 Q.I.N. VENT RIDGE VENTS

NOTES:
PLAN SHOWS APPROXIMATE VENT LOCATIONS ACTUAL LOCATIONS TO BE FIELD DETERMINED.

FIELD INSTALLED SOFFIT TO PROVIDE A MINIMUM NET FREE VENTILATING AREA OF 324 SQ.IN. CUMULATIVE IN MAIN ROOF

7/8" NOMINAL THICKNESS STUCCO.
PAPER BACK LATH OVER 15# FELT PAPER & OVER LAPPING FLASHING/CONTROL JOINT.

15# FELT PAPER DRAINAGE PLANE OVER LAPPING FLASHING/CONTROL JOINT.

SELF ADHERING MEMBRANE OVER MASONRY/FRAME JOINT EQUAL TO PROTECTO WRAPS EIFS TAPE (W/ NO. 100 PRIMER OVER MASONRY).

CORROSION RESISTIVE METAL OR PLASTIC FLASHING/CONTROL JOINT OVER SELF ADHERING MEMBRANE.

1/2" NOMINAL THICKNESS STUCCO.

NOTES:
1) ALL MATERIALS TO BE APPROVED, INSTALLED PER MFG'S INSTRUCTIONS & IN ACCORDANCE W/ FBC-R 703.

2) ALL FLASHING JOINTS, ENDS, ANGLES, CORNERS, INTERSECTIONS, ETC. TO BE SEALED AT TIME OF INSTALLATION.

3) WHEN STUCCO IS NOT APPLIED DIRECTLY TO THE SELF ADHERING MEMBRANE, PROTECTO WRAPS BUILDING TAPE 20 (GT-20XL) OR EQUAL COULD BE USED I.O. THE ETFS TAPE.

2/6A FLASHING/CONTROL JOINT - WEEP SCREED DETAIL

WALL SHEATHING PER PLAN.
7/8" NOMINAL THICKNESS STUCCO.
PAPER BACK LATH OVER 15# FELT PAPER & OVER LAPPING FLASHING/CONTROL JOINT.

15# FELT PAPER DRAINAGE PLANE OVER LAPPING FLASHING/CONTROL JOINT.

SELF ADHERING MEMBRANE OVER MASONRY/FRAME JOINT EQUAL TO PROTECTO WRAPS EIFS TAPE (W/ NO. 100 PRIMER OVER MASONRY).

CORROSION RESISTIVE METAL OR PLASTIC FLASHING/CONTROL JOINT OVER SELF ADHERING MEMBRANE.

1/2" NOMINAL THICKNESS STUCCO.

NOTES:
ANY RAFTER OVER 2' LONG GETS STRAPPED TO TOP CHORD OF UNDERLYING MFG. TRUSS.

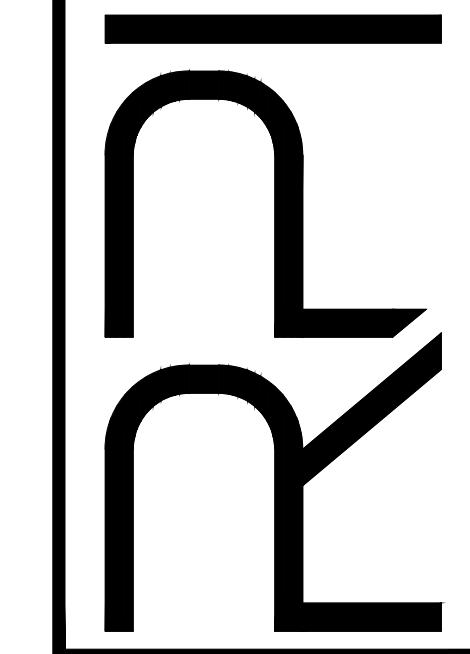
SHINGLES
UNDERLAYMENT PER 2020 FBC-R
15/20 C.D.X. OR 7/16" O.S.B. MIN. 2.5:12 PLYWOOD

ROOF FRAMING PER PLAN & AT 24" O.C. MAX.

SINGLES
UNDERLAYMENT PER FBC-R
ROOF SHEATHING

VALLEY LININGS PER FBC-R

VALLEY RAFTER



Sections

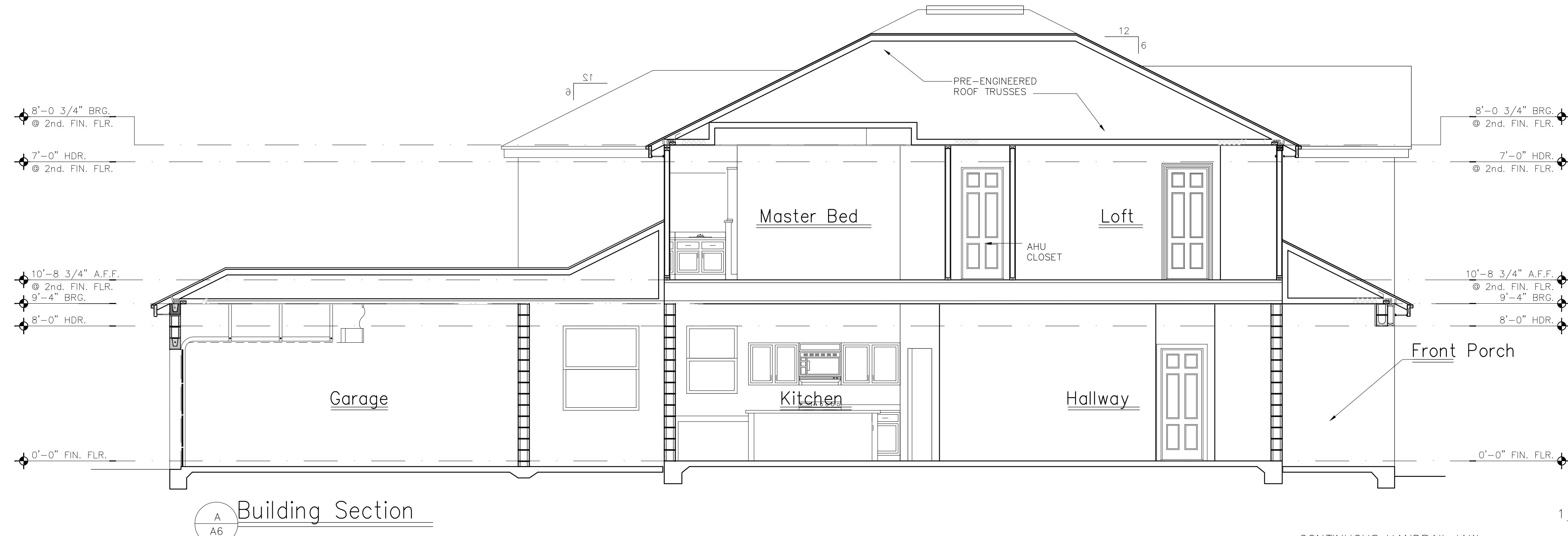
MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9545 FLORISH DR.

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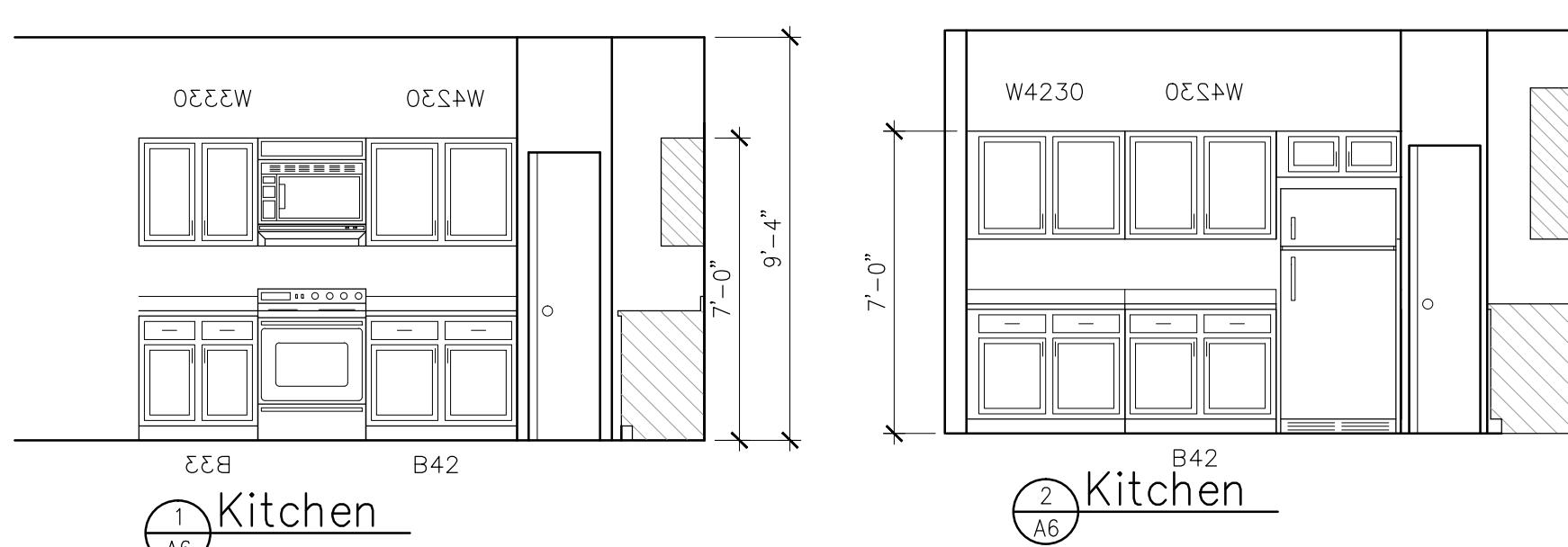
Lennar Homes

drawn by	K.L.
checked by	D.M.
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	A6

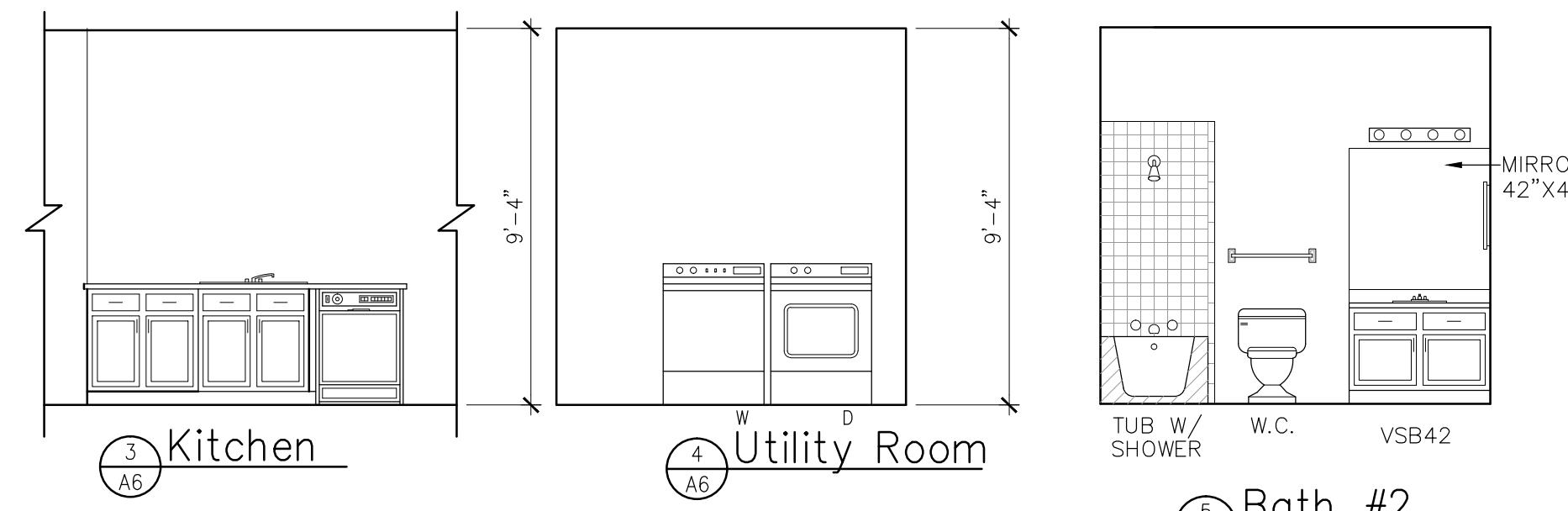
ALBERTO GUIDA
LIC ##: PE74000



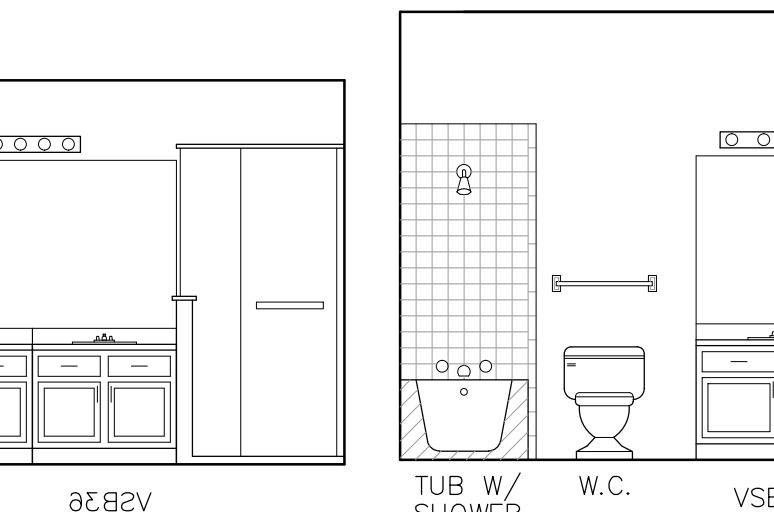
Building Section



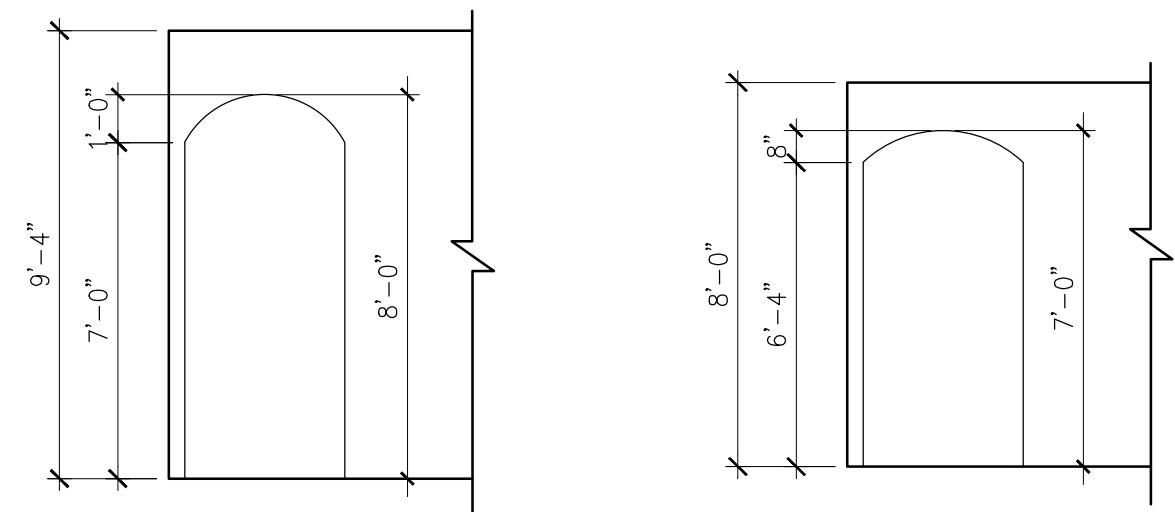
1 Kitchen



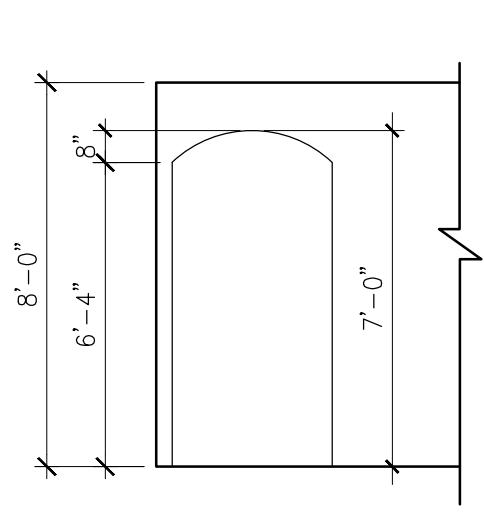
2 Kitchen



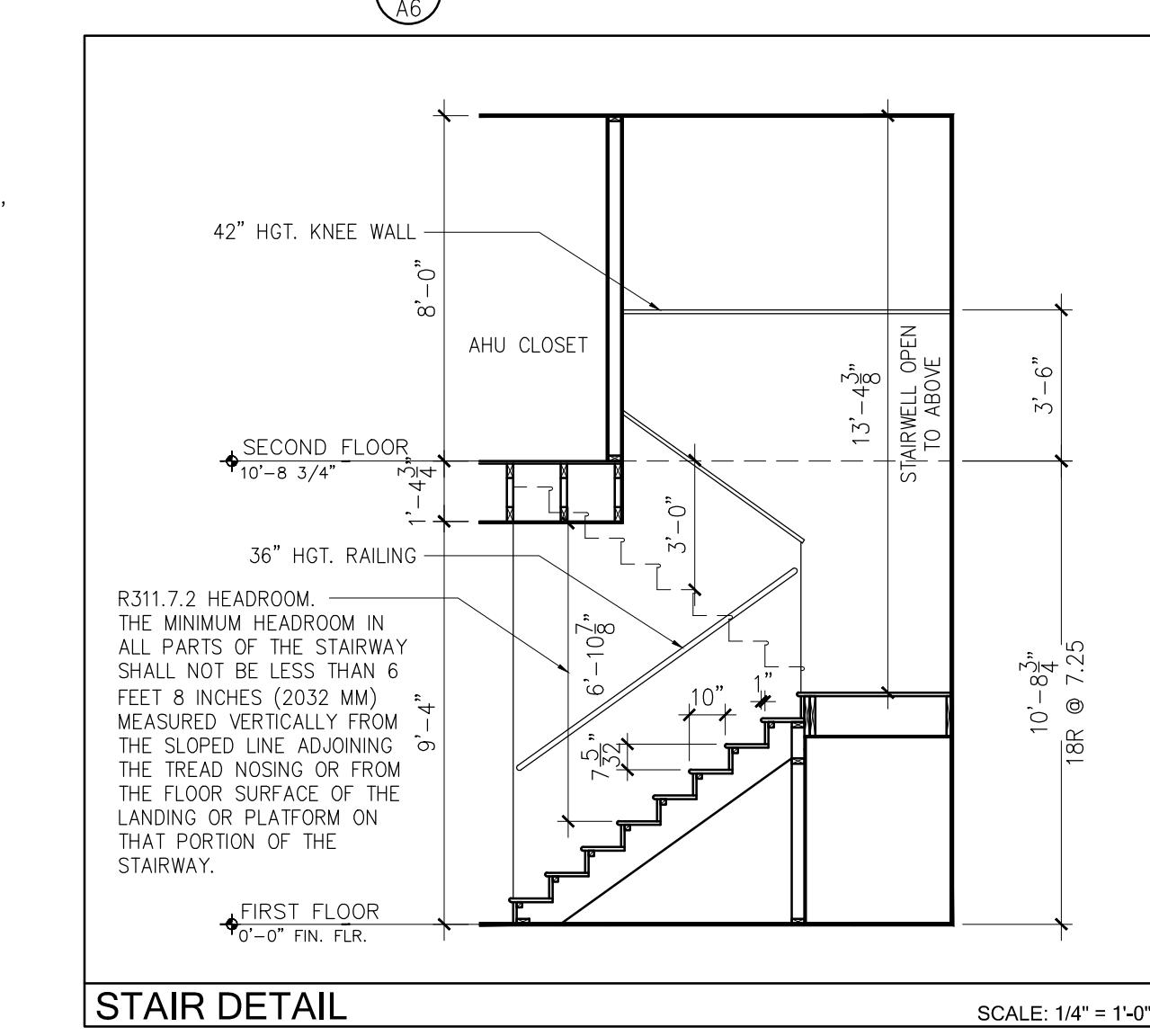
6 Master Bath



Typ. Arch @ 1st Floor



Typ. Arch @ 2nd Floor



STAIR DETAIL

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

CONTINUOUS HANDRAIL IAW
FBC. SECTION R311, INSTALL
34"-38" ABV. TREAD NOSING

BALUSTRADE HANDRAIL BRACKET AT
6'-6" O.C. MAX- SELECTED BY OTHERS
-SEE MANUFACT. RECOMMENDATIONS
FOR ATTACHMENT

SOLID 2X4 WOOD BLOCKING
AT EACH BRACKET

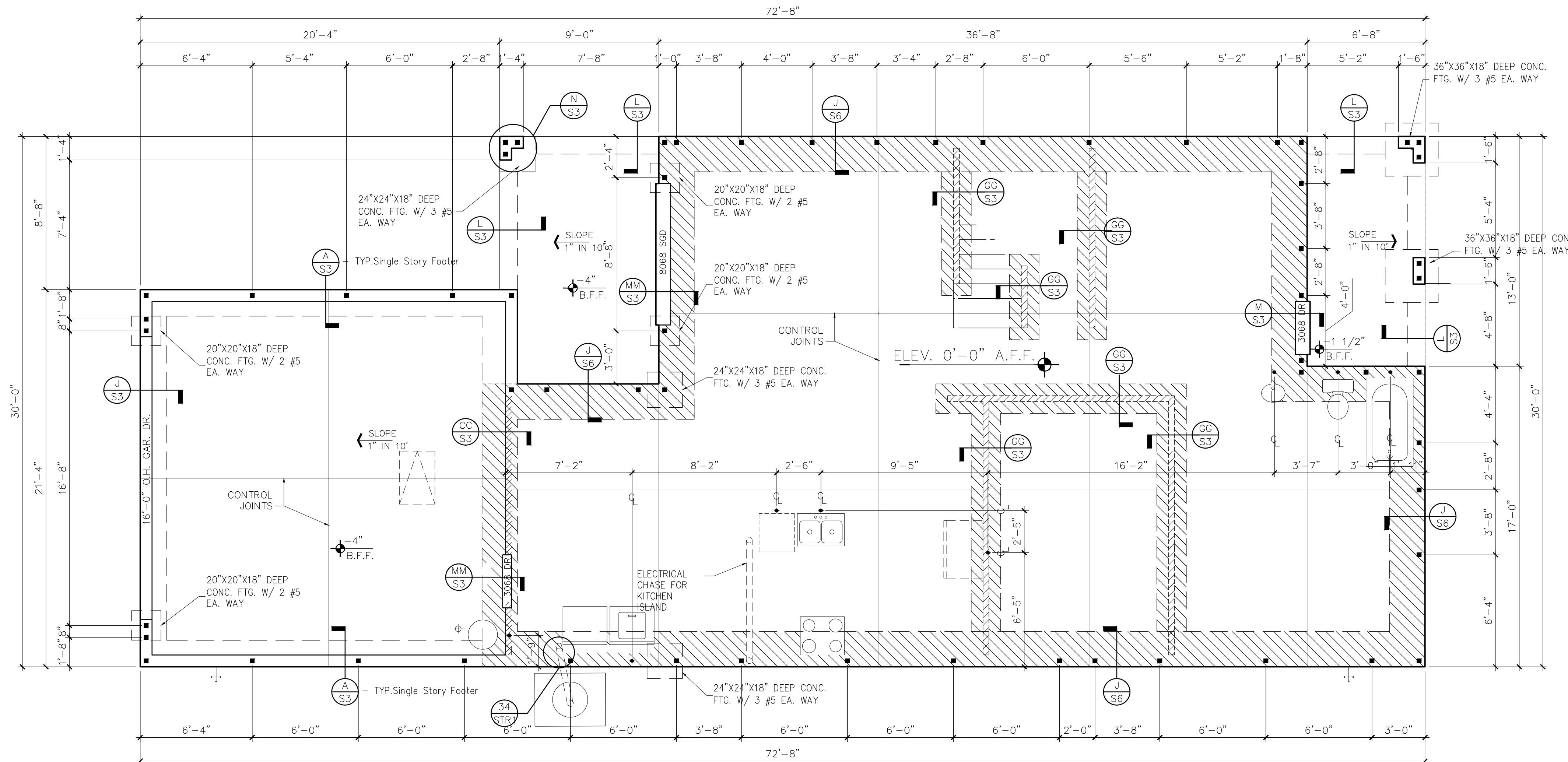
TYPICAL INTERIOR WALL
CONSTRUCTION

TYP. HANDRAIL DET.

NOTE:
R302.7 UNDER-STAIR PROTECTION.
ENCLOSED ACCESSIBLE SPACE UNDER STAIRS
SHALL HAVE WALLS, UNDER-STAIR SURFACE
AND ANY SOFFITS PROTECTED ON THE
ENCLOSED SIDE WITH 1/2-INCH (12.7 MM)
GYPSUM BOARD

R311.7.3 NOISING
THE RADIUS OF CURVATURE AT THE NOSING
SHALL BE NO GREATER THAN $\frac{1}{8}$ " (14mm). A
NOSING NOT LESS THAN $\frac{3}{8}$ " (19 mm) BUT
NOT MORE THAN 1 $\frac{1}{4}$ " (32 mm) SHALL BE
PROVIDED ON STAIRWAYS WITH SOLID RISERS.
THE GREATEST NOSING PROJECTION SHALL
NOT EXCEED THE SMALLEST NOSING
PROJECTION BY MORE THAN $\frac{1}{8}$ " (9.5 mm)
BETWEEN TWO STORIES, INCLUDING THE
NOSING AT THE LEVEL OF FLOORS AND
LANDINGS. BEVELING OF NOSINGS SHALL NOT
EXCEED $\frac{1}{2}$ " (12.7mm)

WRITTEN DIMENSIONS SHALL
HAVE PRECEDENCE OVER
SCALE DIMENSIONS. Contractors
shall verify and be responsible for
dimensions and conditions of the
job and RPi must be notified in
writing of any variation from the
dimensions, conditions and
specifications appearing on these
plans.



Lennar Homes

drawn by
K.L.
checked by
D.M.
date
03.16.2021
scale
AS NOTED
project no.
21-3004

STR1

**ALBERTO GUIDA
LIC N#: PE74000**

 - INDICATES TWO-STORY BEARING FOOTING

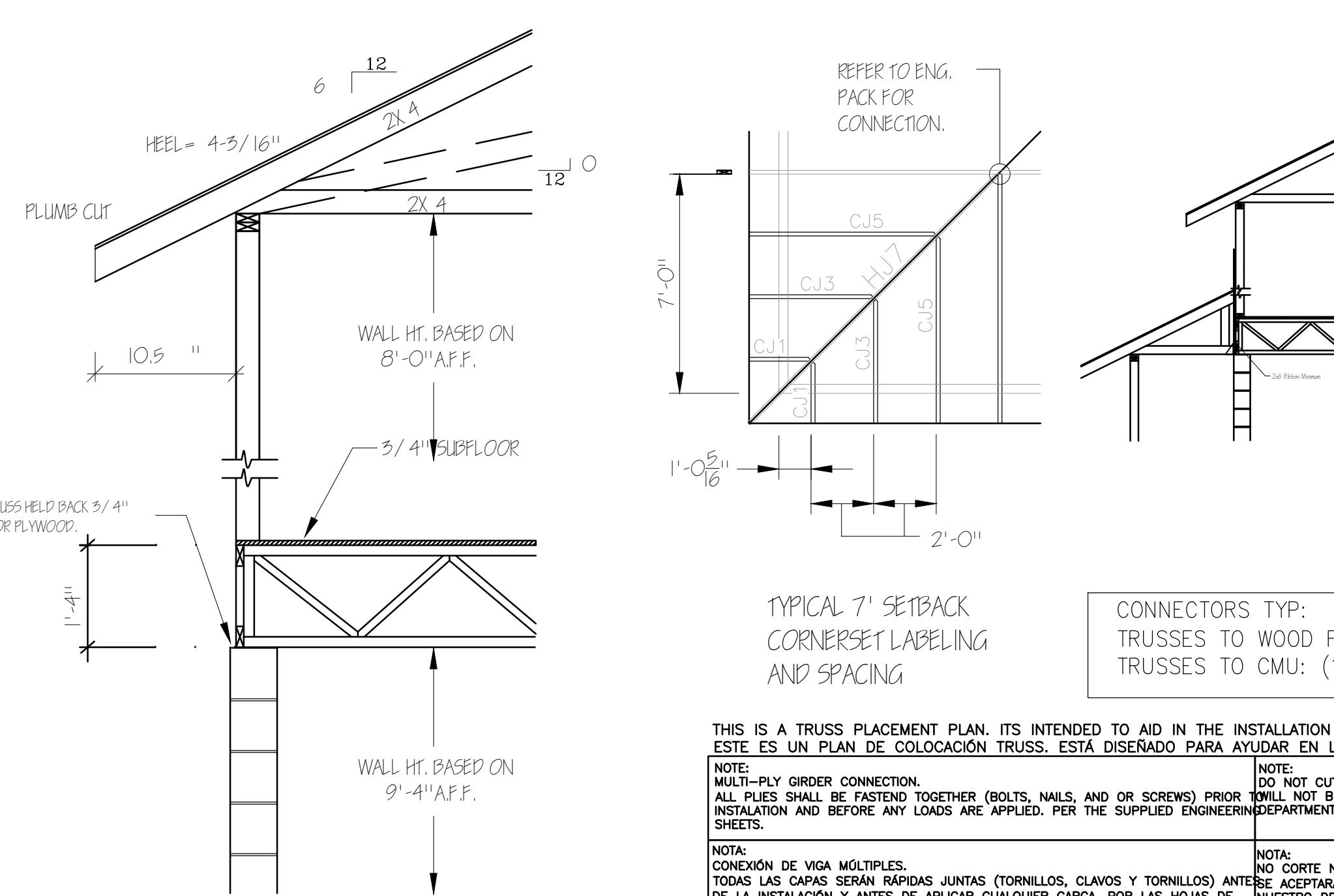
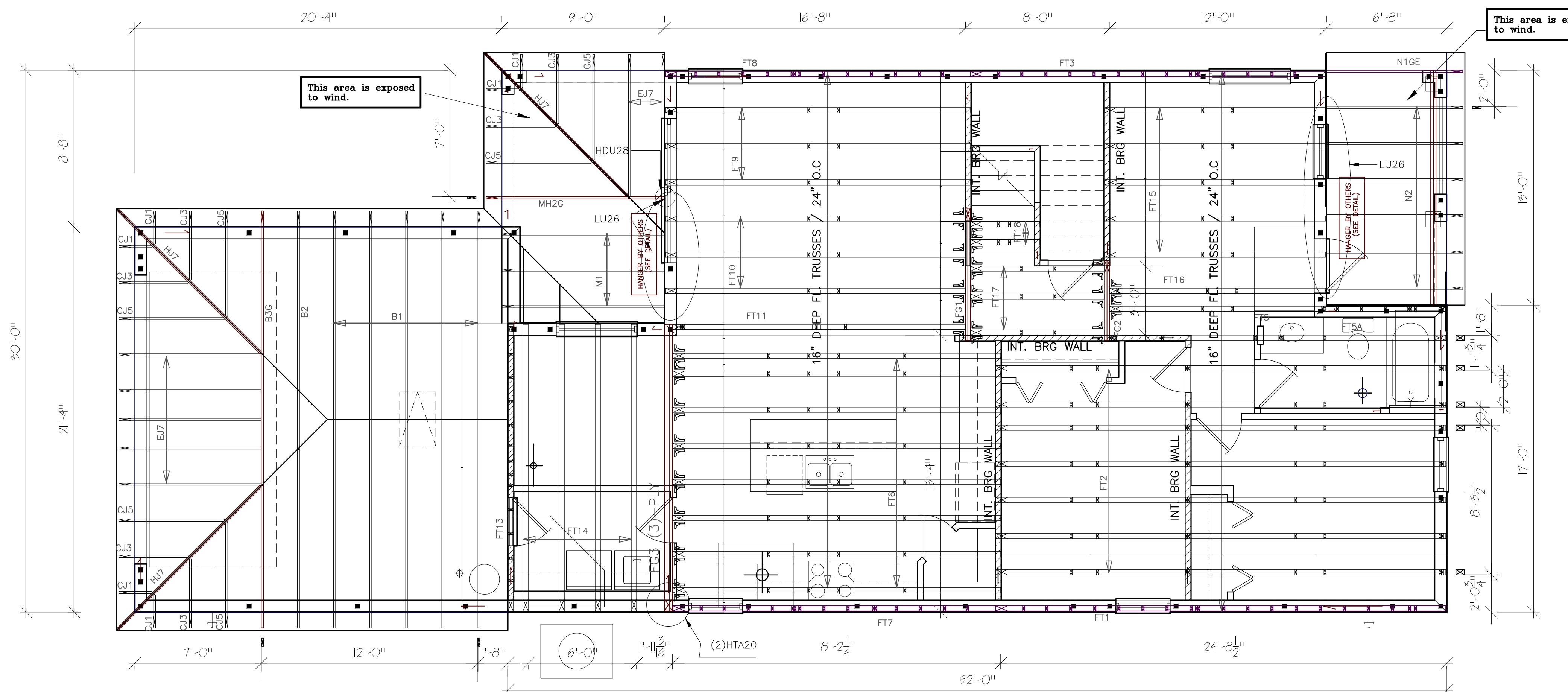
CMU FOUNDATIONS:
STRUCTURE 1 FLOOR: 14"
STRUCTURE 2 FLOORS: 18"
INTERNAL BEARING WALLS: 12"

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI Design Studio. must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.

This technical drawing shows a cross-section of a foundation wall and slab system. The wall is labeled 'WALL PER PLAN' and has a vertical dimension of '12" MIN'. A horizontal dimension of '12" MIN' is also indicated. The slab is labeled '4" CONC. SLAB. W/ VAPOR BARRIER'. The ground surface is labeled 'FINISH GRADE'. Below the slab, there is a layer of 'CLEAN, COMP., TERMITE TREATED FILL.' with a 'P.V.C. CHASE AS REQ.' running through it. The foundation wall has a thickness of '1'-6" TYP.'. The wall sits on a '3" COVER' layer. Below the cover, there are two layers of varying thicknesses: '18" 2-STORY' and '14" 1-STORY'. The bottom-most layer is '20" 2-STORY'. A note at the bottom right says 'FOOTING NOTE:'. A legend indicates that hatching represents 'WALL PER PLAN'.

64 |110CT05 UTILITY CHASE

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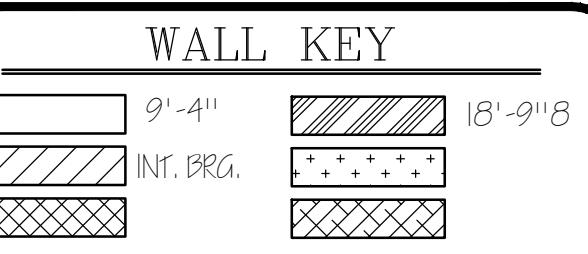
NOTE: MULTI-PLY GIRDERS CONNECTION.
ALL PLES SHALL BE FASTEN TOGETHER (BOLTS, NAILS, AND OR SCREWS) PRIOR TO USE. THEY NOT BE ACCEPTED WITHOUT PRIOR WRITTEN APPROVAL BY OUR SERVICE DEPARTMENT AT CARPENTER CONTRACTORS OF AMERICA, INC. 877-233-9457

NOTE: NO CORTE NI ALTERE LOS TRUSSES SIN EL CONSENTIMIENTO DE ESTA OFICINA. NO SE ACEPTARAN CARGOS ANTERIORES SIN APROBACION PREVIA POR ESCRITO DE OFICINA DE SERVICIO. CONTACTO AL DEPARTAMENTO DE SERVICIO EN CARPENTER CONTRACTORS OF AMERICA, INC. 877-233-9457

NOTE: CONEXIÓN DE VIGAS MÚLTIPLES.
NO SE PODRÁN CORTAR NI MODIFICAR LAS VIGAS JUNTAS (TORNILLOS, CLAVOS Y TORNILLOS) ANTES DE QUE SE APLIQUE CUALQUIER CARGA. POR FAVOR CONSULTAR CON EL DEPARTAMENTO DE SERVICIO EN CARPENTER CONTRACTORS OF AMERICA, INC. 877-233-9457

ROOF DESIGNED FOR SHINGLE

ALL REACTIONS OVER 5000# AND UPLIFTS OVER 1000# ARE SHOWN ON LAYOUT.

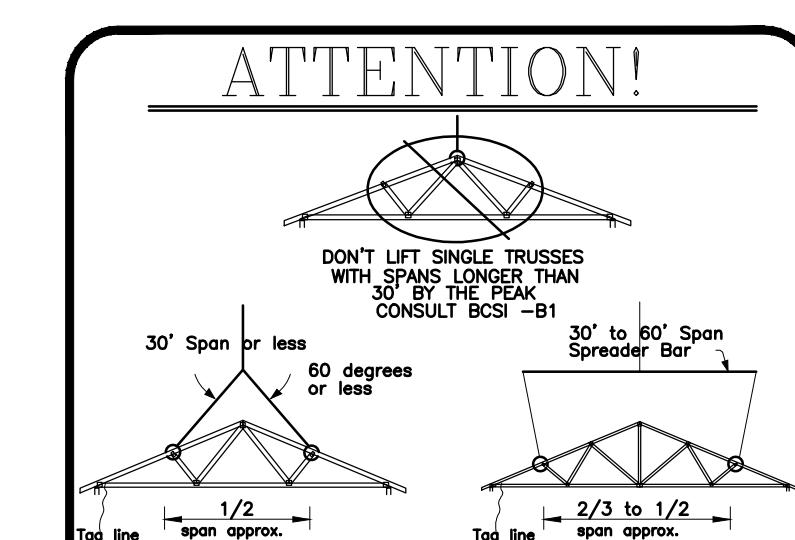


Total Truss Quantity = 166.

HANGER CHART

- △ = HUS 26 (SIMPSON)
- ▲ = HHUS46 (SIMPSON)
- ▲ = HHUS26-2 (SIMPSON)

Labeled End Mark



General Notes

- 1) All parallel chord trusses, flat trusses and flat girders have the top chord partially painted green to be installed green side up.
- 2) All hangers to be Simpson HUS26 unless otherwise noted.
- 3) All truss spacing is 24" O.C. unless otherwise noted.
- 4) Per Truss Plate Institute BCSI-B1 recommendation permanent X-bracing should be placed at a maximum spacing 15' O.C. across the span, to be repeated at a maximum of 20' between each X-brace throughout the structure. Please refer to BCSI-B1 for any additional bracing details.

ROOF LOADING SCHEDULE

TCLL	= 20	PSF
TCDL	= 7	PSF
BCLL	= *	PSF
BCDL	= 10	PSF
TOTAL	= 37	PSF
DURATION	= 125	%

WIND SPD/TYPE = 145
ENCLOSED
BLDG EXPOSURE = C
USAGE = RESIDENTIAL CAT II
WIND IMPORTANCE FACTOR = 1
UPLIFTS BASED ON = 9.2 PSF

DESIGN CRITERIA

FBC 2020
TPI 2014

Truss member design & connector plates are designed for ASCE 7-16 and maximum forces from both components and claddings and main wind force resisting systems.

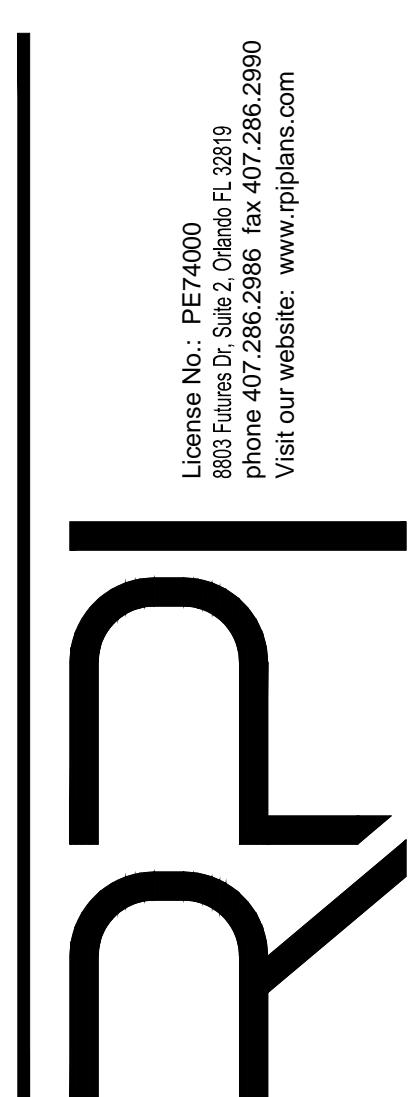
* These trusses have been reviewed to carry an additional 10# psf non-concurrent bottom chord live load.

FLOOR LOADING SCHEDULE

TCLL	= 40	PSF
TCDL	= 10	PSF
BCDL	= 5	PSF
TOTAL	= 55	PSF

THIS PLACEMENT PLAN SHOWS THE DESIGNATION AND RELATIVE LOCATION OF EACH TRUSS COMPONENT AND IS TO BE USED IN CONJUNCTION WITH THE CORRESPONDING TRUSS DESIGNS. THE TRUSS ENGINEER'S RESPONSIBILITY RELATIVE TO THIS STRUCTURE CONSISTS SOLELY OF THE DESIGN OF THE INDIVIDUAL TRUSSES, TRUSS-TO-TRUSS CONNECTIONS AND DOES NOT INCLUDE THE DESIGN OF ANY SUPPORTING STRUCTURAL ELEMENTS. THE BUILDING DESIGN PROFESSIONAL HAS FINAL APPROVAL OF THE TRUSS FRAMING AND/OR TRUSS PLACEMENT PLAN. THE DESIGN OF THE PERMANENT BRACING, THE DIAPHRAGM SYSTEM, SHEAR WALLS AND STRUCTURAL ELEMENTS TO RESIST LATERAL LOADS FROM WIND AND/OR SEISMIC ACTIVITY IS THE RESPONSIBILITY OF THE BUILDING DESIGN PROFESSIONAL. ADDITIONAL APPROVAL BY THE BUILDING DESIGN PROFESSIONAL SHALL INCLUDE, BUT NOT BE LIMITED TO, DESIGN LOADING, LENGTHS, PROFILES, PITCHES AND DEPTHS.

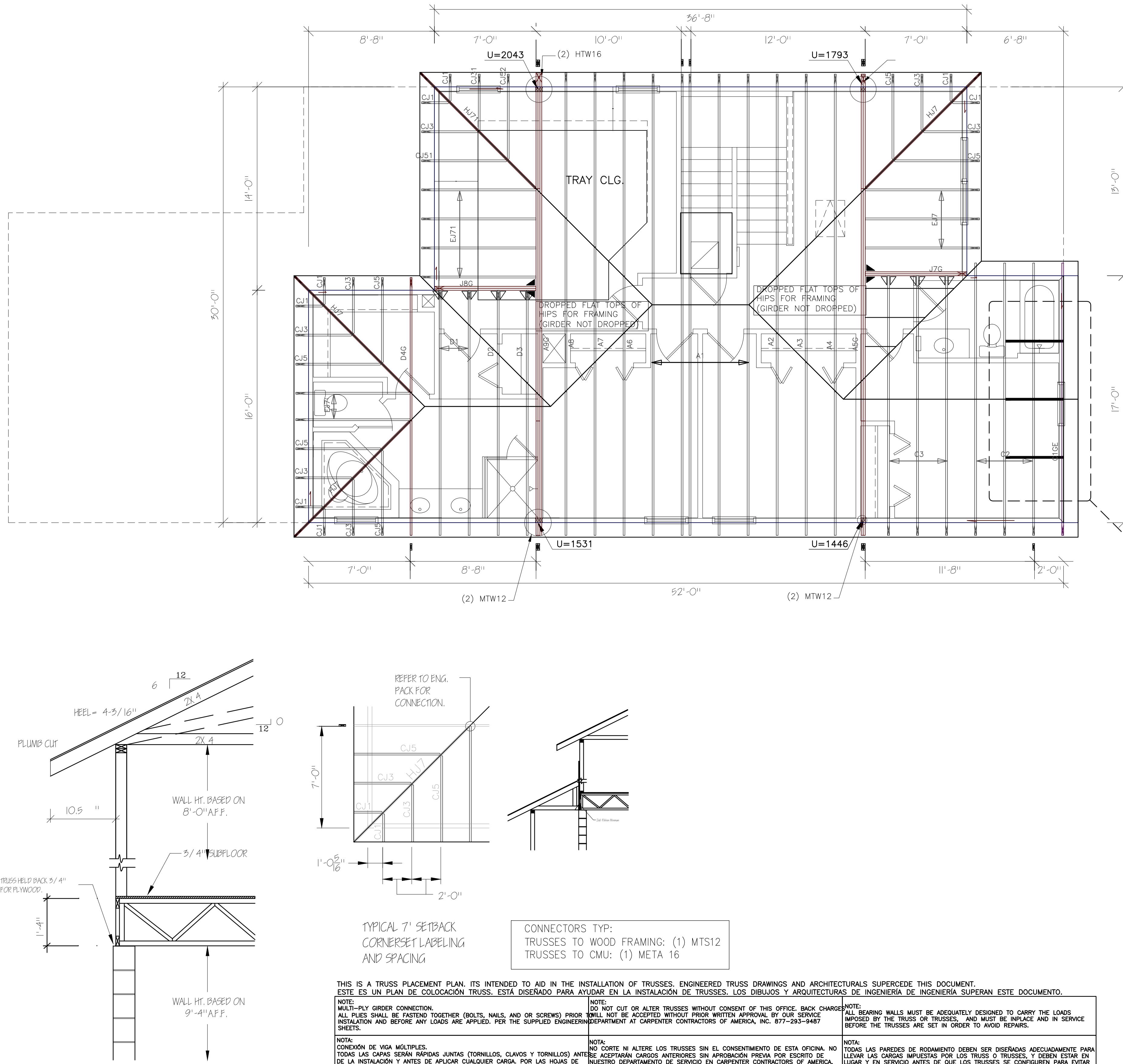
WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.



Model Name:	LENNAR 2603 B
Lot Number:	BLL. 68 - LOT 05
Subdivision:	CONNERTON 40
Address:	9543 FLORISH DR.

Lennar Homes

drawn by	K.L
checked by	D.M
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	STR2
ALBERTO GUIDA	LIC #6: PE74000



Total Truss Quantity = 166.

HANGER CHART

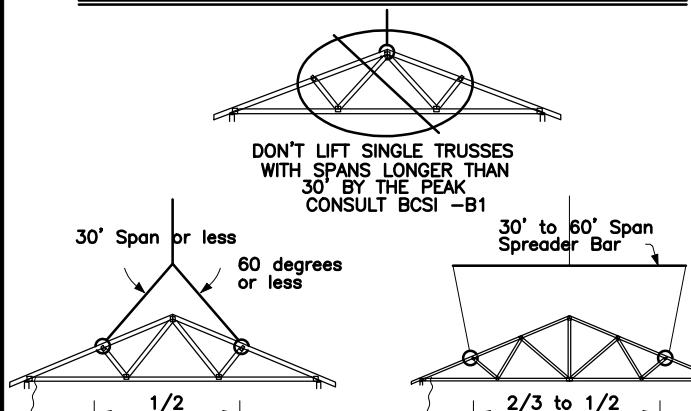
Δ = HUS 26 (SIMPSON)

\square = HHUS46 (SIMPSON)

\blacktriangle = HHUS26-2 (SIMPSON)

Labeled End Mark

ATTENTION!



REFER TO BCSI-B1
Truss must be set this way if crane used.
Truss is on example, your truss may not match.
Insist crane operator sets truss this way.

General Notes

- All parallel chord trusses, flat trusses and flat girders have the top chord partially painted green to be installed green side up.
- All hangers to be Simpson HUS26 unless otherwise noted.
- All truss spacing is 24" O.C. unless otherwise noted.
- Per Truss Plate Institute BCSI-B1 recommendation permanent X-bracing should be placed at a maximum spacing 15' O.C. across the span, to be repeated at a maximum of 20' between each X-brace throughout the structure.
Please refer to BCSI-B1 for any additional bracing details.

ROOF LOADING SCHEDULE

TCLL	=	20	PSF
TCDL	=	7	PSF
BCLL	=	*	PSF
BCDL	=	10	PSF
TOTAL	=	37	PSF
DURATION	=	125	%

WIND SPD/TYPE = 145

ENCLOSED

BLDG EXPOSURE = C

USAGE = RESIDENTIAL CAT II

WIND IMPORTANCE FACTOR = 1

UPLIFTS BASED ON = 9.2 PSF

DESIGN CRITERIA

FBC 2020

TPI 2014

Truss member design & connector plates are designed for ASCE 7-16 and maximum forces from both components and claddings and main wind force resisting systems.

* These trusses have been reviewed to carry an additional 10# psf non-concurrent bottom chord live load.

FLOOR LOADING SCHEDULE

TCLL	=	40	PSF
TCDL	=	10	PSF
BCLL	=	5	PSF
TOTAL	=	55	PSF

ROOF DESIGNED FOR SHINGLE

ALL REACTIONS OVER 5000# AND UPLIFTS OVER 1000# ARE SHOWN ON LAYOUT.

WALL KEY

9'-4"	18'-9 1/8"
INT. BRG.	
• • •	

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License No.: PE74000
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Phone: 407-285-2885, Fax: 407-286-2990
Visit our website: www.rpiplans.com

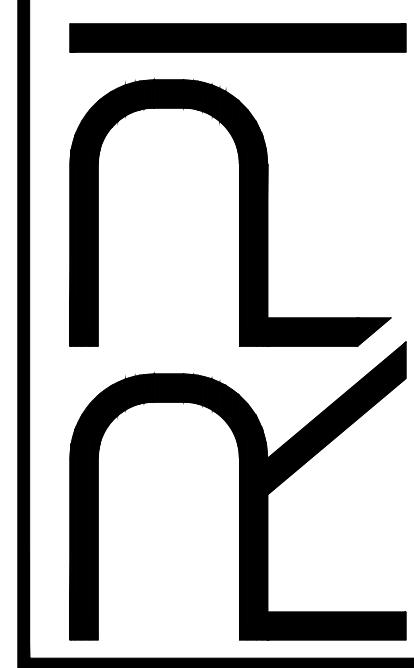
Floor Joist System
MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9543 FLORISH DR.

Lennar Homes

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drawn by
K.L.
checked by
D.M.
date
03.16.2021
scale
AS NOTED
project no.
21-3004
drawing no.
STR2.1

ALBERTO GUIDA
LIC #4: PE74000



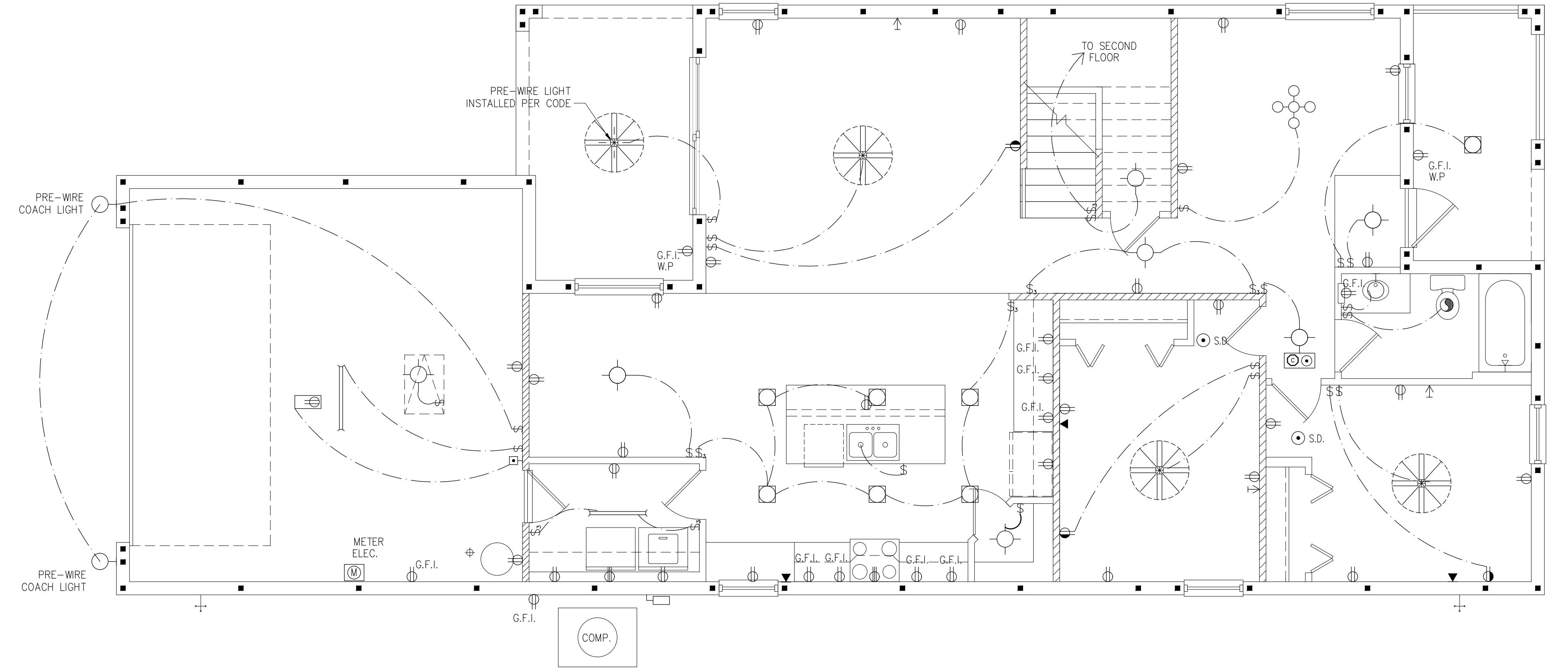
Lintel Notes

MODEL NAME:	LENNAR 2603 B
LOT NUMBER:	BLLK. 68 - LOT 05
SUBDIVISION:	CONNERTON 40
ADDRESS:	9543 FLORISH DR.

SAFE LOAD TABLES FOR GRAVITY, UPLIFT + LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	GRAVITY								UPLIFT								LATERAL	
		8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8U8	8F8	
2'-10"(34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	2727	2878	4101	5332	6569	7811	9055	2021	2021		
		3166	4473	6039	7526	9004	10472	11936	2727	2784	3981	5190	6407	7630	8855				
3'-6"(42") PRECAST	2302	3138	3377	4689	6001	7315	8630	9947	2165	2289	3260	4237	5219	6204	7192	1257	1257		
		3166	4473	6039	7526	9004	10472	11936	2165	2215	3165	4125	5091	6061	7036				
4'-0"(48") PRECAST	2029	2325	2496	3467	4438	5410	6384	7358	1878	1989	2832	3680	4532	5387	6245	938	938		
		2646	4473	6039	7526	9004	10472	11936	1878	1925	2507	3257	4010	4767	5525	727	727		
4'-6"(54") PRECAST	1651	1787	1913	2657	3403	4149	4896	5644	1660	1762	2435	3171	3913	4658	5406	727	727		
		2170	4027	6039	7526	9004	10472	11936	1878	1925	2750	3583	4422	5264	6110				
5'-4"(64") PRECAST	1184	1223	1301	1809	2317	2826	3336	3846	1393*	1484	2110	2741	3375	4010	4648	505	505		
		1665	2889	5057	6096	5400	6424	7450	1393	1437	2050	2670	3293	3920	4549				
5'-10"(70") PRECAST	972	1000	1059	1474	1889	2304	2721	3137	1272*	1357	1930	2505	3084	3665	4247				
		1459	2464	4144	5458	4437	5280	6122	1272	1315	1875	2441	3010	3583	4157	418	418		
6'-6"(78") PRECAST	937	1255	2101	3263	2746	3358	3971	4585	1141*	1200	1733	2250	2769	3290	3812	887	887		
		1255	2101	3396	5260	7134	8995	6890	1141	1182	1684	2192	2703	3216	3732				
7'-6"(90") PRECAST	767	1029	1675	2385	1994	2439	2886	3333	959*	912	1475	1914	2354	2797	3240	657	657		
		1029	1675	2610	3839	5596	6613	5047	990	1029	1466	1907	2351	2797	3245				
9'-4"(112") PRECAST	573	632	1049	1469	1210	1482	1754	2027	801*	612	980	1269	1852	2144					
		768	1212	1818	2544	3469	4030	3127	801	755	1192	1550	1910	2271	2634	630			
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535	716*	498	793	1027	1261	1496	1731	396	493		
		658	1025	1514	2081	2774	3130	2404	716	611	1039	1389	1711	2034	2358				
11'-4"(136") PRECAST	445	598	935	1365	1854	2355	1793	2075	666*	439	696	899	1104	1309	1515	363	556		
		598	935	1365	1854	2441	3155	4044	666	535	905	1295	1595	1896	2198				
12'-0"(144") PRECAST	414	545	864	1254	1689	2074	1570	1818	607*	400	400	631	816	1186	1372	340	494		
		555	864	1254	1693	2211	2832	3590	631	486	818	1209	1514	1799	2086				
13'-4"(160") PRECAST	362	427	726	1028	1331	1635	1224	1418	500*	340	532	686	841	997	1153	302	398		
		485	748	1076	1438	1855	2343	2920	573	409	682	1004	1367	1637	1897				
14'-0"(168") PRECAST	338	381	648	919	1190	1462	1087	1260	458*	316	493	635	778	922	1065	286	360		
		455	700	1003	1335	1714	2153	2666	548	378	629	922	1254	1567	1816				
14'-8"(176") PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	243	295	459	591	724	857	990	N.R.	357		
		465	765	1370	2045	2610	3185	3765	243	352	582	852	1156	1491	1742				
15'-4"(184") PRESTRESSED	N.R.	420	695	1250	1855	2370	2890	3410	228	329	542	791	1072	1381	1676	N.R.	327		
		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	188	236	361	464	567	670	774	N.R.	255		
17'-4"(208") PRESTRESSED	N.R.	310	530	950	1400	1800	2200	2600	188	276	449	649	874	1121	1389				
		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	165	207	313	401	490	578	667	N.R.	204		
19'-4"(232") PRESTRESSED	N.R.	240	400	750	1090	1400	1720	2030	165	239	383	550	736	940	1160				
		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	145	186	278	356	433	512	590	N.R.	172		
21'-4"(256") PRESTRESSED	N.R.	183	330	610	940	1340	1780	2110	142	212	336	477	635	807	993				
		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	140	180	343	418	493	568	N.R.	161			
22'-0"(264") PRESTRESSED	N.R.	160	300	570	870	1250	1660	1970	137										



Typical 150-200 Amp Electrical Riser Diagram

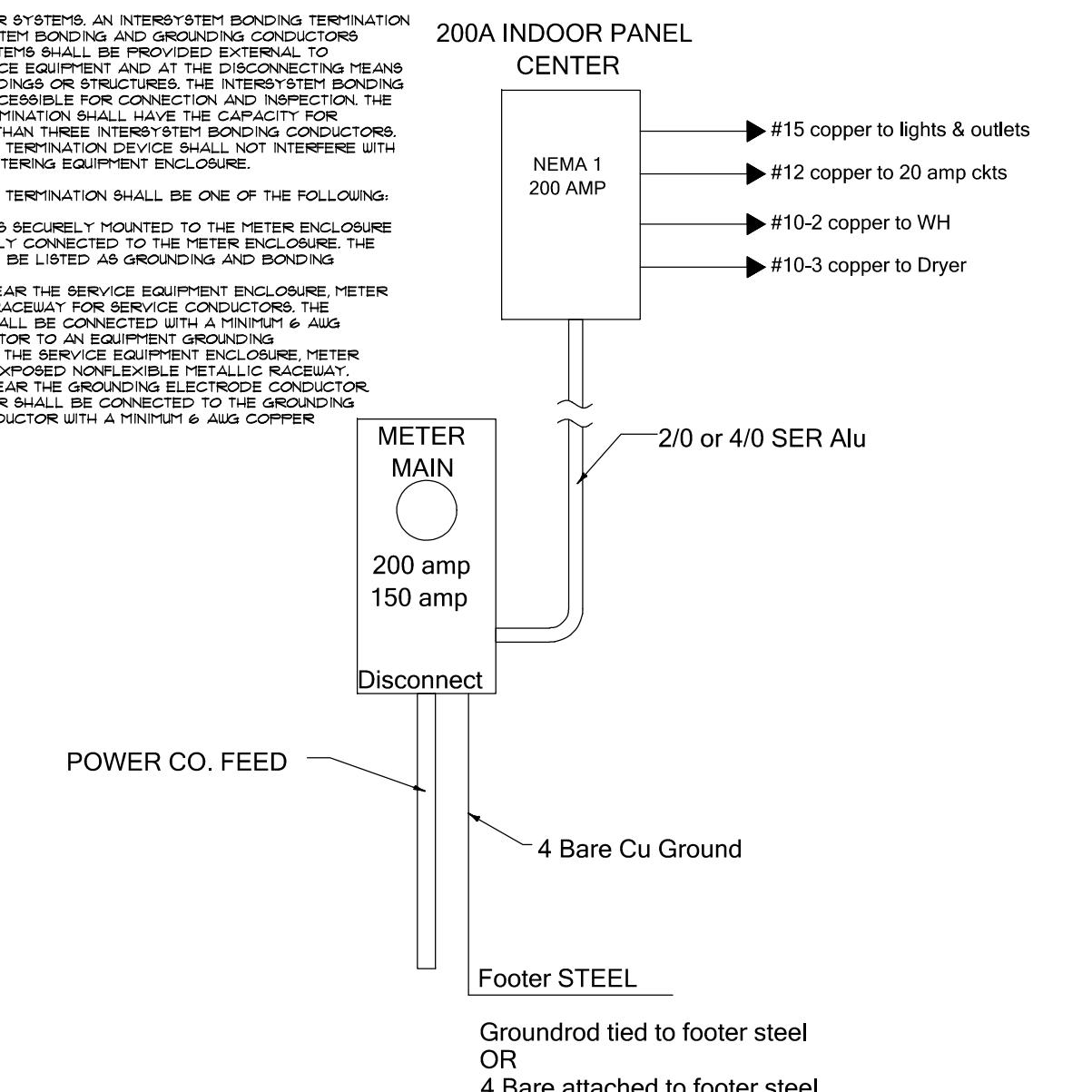
30.94 BONDING FOR OTHER SYSTEMS. AN INTERSYSTEM BONDING TERMINATION OR CONNECTING INTERSYSTEM BONDING AND GROUNDING CONDUCTORS REQUIRED FOR OTHER SYSTEMS SHALL BE PROVIDED EXTERNAL TO ENCLOSURES AT THE SERVICE EQUIPMENT AND AT THE DISCONNECTING MEANS OR ANY ADDITIONAL BUILDINGS OR STRUCTURES. THE INTERSYSTEM BONDING TERMINATION SHALL BE ACCESSIBLE FOR CONNECTION AND INSPECTION. THE INTERSYSTEM BONDING TERMINATION SHALL HAVE THE CAPACITY FOR CONNECTION OF NOT LESS THAN THREE INTERSYSTEM BONDING CONDUCTORS. HE INTERSYSTEM BONDING TERMINATION DEVICE SHALL NOT INTERFERE WITH OPENING A SERVICE OR METERING EQUIPMENT ENCLOSURE.

HE INTERSYSTEM BONDING TERMINATION SHALL BE ONE OF THE FOLLOWING:

(1) A SET OF TERMINALS SECURELY MOUNTED TO THE METER ENCLOSURE AND ELECTRICALLY CONNECTED TO THE METER ENCLOSURE. THE TERMINALS SHALL BE LISTED AS GROUNDING AND BONDING EQUIPMENT.

(2) A BONDING BAR NEAR THE SERVICE EQUIPMENT ENCLOSURE, METER ENCLOSURE, OR RACEWAY FOR SERVICE CONDUCTORS. THE BONDING BAR SHALL BE CONNECTED WITH A MINIMUM 6 AWG COPPER CONDUCTOR TO AN EQUIPMENT GROUNDING CONDUCTOR(S) IN THE SERVICE EQUIPMENT ENCLOSURE, METER ENCLOSURE, OR EXPOSED NONFLEXIBLE METALLIC RACEWAY.

(3) A BONDING BAR NEAR THE GROUNDING ELECTRODE CONDUCTOR. THE BONDING BAR SHALL BE CONNECTED TO THE GROUNDING ELECTRODE CONDUCTOR WITH A MINIMUM 6 AWG COPPER



NOTE:
RECEPTACLE OUTLETS SHALL NOT BE INSTALLED IN A FACE
UP POSITION IN THE WORK SURFACES OR COUNTERTOPS IN A
BATHROOM BASIN LOCATION.

ELECTRICAL FIXTURE NOTES

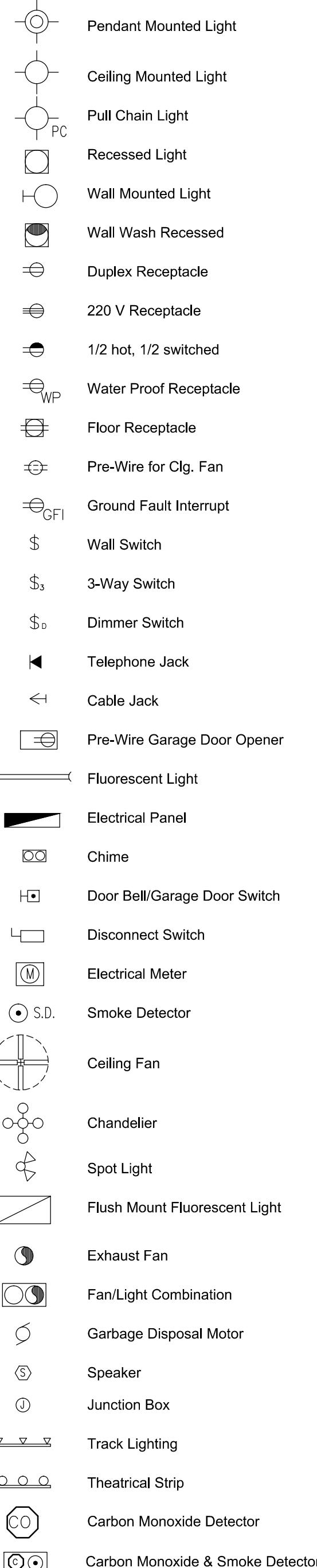
- ELECTRICAL NOTES:

 1. ALL ELECTRICAL WORK TO COMPLY WITH 2017 N.E.C.
 2. ALL 120-VOLT SINGLE PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOM, LIVING ROOM, PARLOR LIBRARIES, DENS, BEDROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOM OR AREAS SHALL BE PROTECTED BY A LISTED ARC-BUILT CIRCUIT INTERRUPTER COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT [2017 N.E.C.].
 3. IN ALL AREAS SPECIFIED IN 2017 N.E.C. ALL 125-VOLT, 15 AND 20 AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES (2017 N.E.C.).
 4. A MINIMUM OF ONE COMMUNICATION OUTLET SHALL BE INSTALLED WITHIN THE DWELLING AND CABLED TO THE SERVICE PROVIDER DEMARcation POINT (2017 N.E.C.).
 5. GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL (2017 N.E.C.)
 - A. DWELLING UNITS: ALL 125-VOLT, SINGLE-PHASE 15 AND 20 - AMPERES RECEPTACLES INSTALLED IN THE LOCATIONS

- SPECIFIED IN:

 1. BATHROOMS.
 2. GARAGE AND ALSO ACCESSORY BUILDINGS THAT HAVE FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS , WORK AREAS AND AREAS OF SIMILAR USE.
 3. OUTDOORS.
 4. KITCHEN-WHERE THE RECEPTACLE ARE INSTALLED TO SERVE THE COUNTERTOP SURFACE.
 5. LAUNDRY, UTILITY AND WET BAR SINK - WHERE THE RECEPTACLE ARE INSTALLED WITHIN 1.8 M (6 FT) TO THE EDGE OF THE SINK.

Fixture Legend

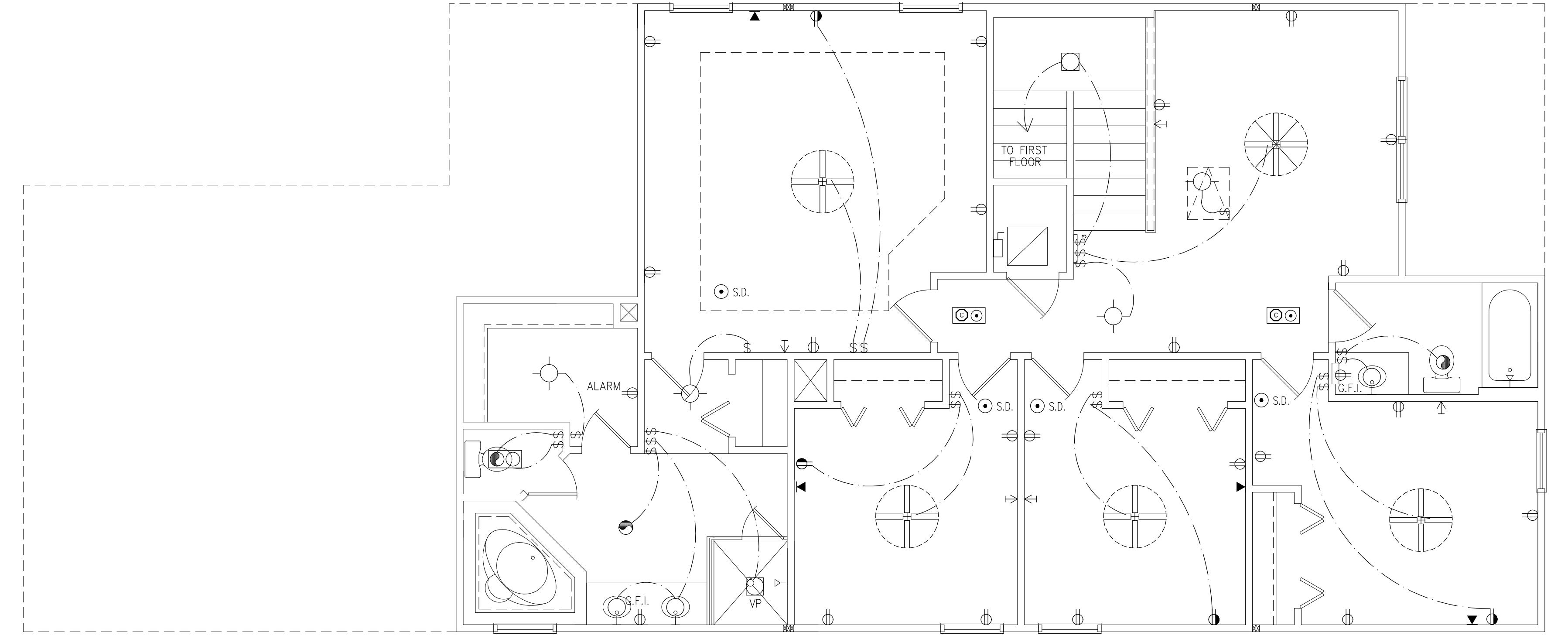


8803 Futures Dr, Suite 2, Orlando FL 32819
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Visit our website: www.rpiplans.com

MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9543 FLOURISH DR.

Lennar Homes

drawn by	K.L
checked by	D.M
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	E 1
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Fixture Legend	
	Pendant Mounted Light
	Ceiling Mounted Light
	Pull Chain Light
	Recessed Light
	Wall Mounted Light
	Wall Wash Recessed
	Duplex Receptacle
	220 V Receptacle
	1/2 hot, 1/2 switched
	Water Proof Receptacle
	Floor Receptacle
	Pre-Wire for Clg. Fan
	Ground Fault Interrupt
	Wall Switch
	3-Way Switch
	Dimmer Switch
	Telephone Jack
	Cable Jack
	Pre-Wire Garage Door Opener
	Fluorescent Light
	Electrical Panel
	Chime
	Door Bell/Garage Door Switch
	Disconnect Switch
	Electrical Meter
	Smoke Detector
	Ceiling Fan
	Chandelier
	Spot Light
	Flush Mount Fluorescent Light
	Exhaust Fan
	Fan/Light Combination
	Garbage Disposal Motor
	Speaker
	Junction Box
	Track Lighting
	Theatrical Strip
	Carbon Monoxide Detector
	Carbon Monoxide & Smoke Detector Combo

2nd Floor Elect. Layout
 MODEL NAME: LENNAR 2603 B
 LOT NUMBER: BLK. 68 - LOT 05
 SUBDIVISION: CONNERTON 40
 ADDRESS: 9543 FLURISH DR.

Lennar Homes

drawn by K.L
checked by D.M
date 03.16.2021
scale AS NOTED
project no. 21-3004
drawing no. E2

NOTE:
 RECEPTACLE OUTLETS SHALL NOT BE INSTALLED IN A FACE UP POSITION IN THE WORK SURFACES OR COUNTERTOPS IN A BATHROOM BASIN LOCATION.

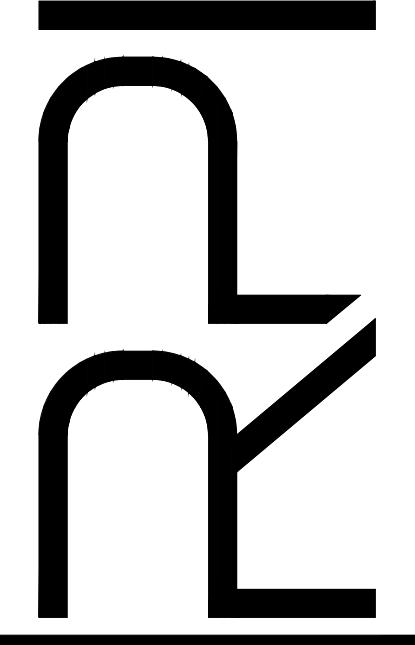
ELECTRICAL FIXTURE NOTES

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK TO COMPLY WITH 2017 N.E.C.
- ALL 120-VOLT SINGLE PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOM, LIVING ROOM, PARLOR LIBRARIES, DENS, BEDROOMS, CLOSETS, HALLWAY OR SLEEPING ROOM OR AREAS SHALL BE PROTECTED BY A LISTED ARC-BREAK CIRCUIT INTERRUPTER COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT (2017 N.E.C.).
- IN ALL AREAS SPECIFIED IN 2017 N.E.C. ALL 120-VOLT, 15 AND 20 AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES (2017 N.E.C.).
- A MINIMUM OF ONE COMMUNICATION OUTLET SHALL BE INSTALLED WITHIN THE DWELLING AND CABLED TO THE SERVICE PROVIDER DEMARCTION POINT (2017 N.E.C.).
- GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL (2017 N.E.C.)
- DWELLING UNITS: ALL 120-VOLT, SINGLE-PHASE 15 AND 20-AMPERES RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN:

- BATHROOMS.
- GARAGE AND ALSO ACCESSORY BUILDINGS THAT HAVE FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND NOT USED TO STORAGE AREAS, WORK AREAS AND AREAS OF SIMILAR USE.
- OUTDOORS.
- KITCHEN-WHERE THE RECEPTACLE ARE INSTALLED TO SERVE THE COUNTERTOP SURFACE.
- LAUNDRY, UTILITY AND WET BAR SINK-WHERE THE RECEPTACLE ARE INSTALLED WITHIN 1.8 M (6 FT) TO THE EDGE OF THE SINK.

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and RPI. Must be notified in writing of any variation from the dimensions, conditions and specifications appearing on these plans.



NOTES

MODEL NAME: LENNAR 2803 B

LOT NUMBER: BLK. 68 - LOT 05

SUBDIVISION: CONNERTON 40

ADDRESS: 9543 FLURISH DR.

Lennar Homes

STRUCTURAL NOTES

NOTE: BORATE/SENTRA CON SYSTEM APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F.

1) METHOD OF TREATMENT SHALL BE APPROVED BY THE GOVERNING JURISDICTION. LIQUID BORATE OR BORA-COP® PRODUCT METHODS MUST BE DETERMINED AT PERMIT STAGE.

2) PRESSURE TREATED LUMBER THAT HAS BEEN CUT OR DRILLED THAT EXPOSES UNTREATED PORTIONS OF WOOD ARE REQUIRED TO BE FIELD TREATED TO PREVENT INSECT INFESTATION.

ATTENTION: CHEMICAL CHANGES IN PRESSURE TREATED WOODS

AS OF DECEMBER 31ST, 2019, CHROMATED COPPER ARSENATE (CCA-C) WILL NO LONGER BE PRODUCED FOR RESIDENTIAL OR GENERAL CONSUMER USE. SEVERAL NEW PRESSURE TREATED WOOD ALTERNATIVES HAVE BEEN CREATED TO REPLACE CCA-C. MANY OF THE NEW PRESSURE TREATED WOOD USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE TYPE OF WOOD TREATMENT AND TO SELECT APPROPRIATE CONNECTORS THAT RESIST CORROSION. FOR EXAMPLE, ACC-C, ACC-D, CBA-A, OR CA-B REQUIRE HOT-DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS. DOT SODIUM BORATE (SB) DOES NOT.

REQUIRED SAFETY GLAZING IN HAZARDOUS LOCATIONS (RE: FBC R308.4)

R308.3 HUMAN IMPACT LOADS. INDIVIDUAL GLAZED AREAS INCLUDING GLASS MIRRORS IN HAZARDOUS LOCATIONS SUCH AS THOSE INDICATED AS DEFINED IN SECTION R308.4 SHALL PASS THE TEST REQUIREMENTS OF CPSC 16 CFR, PART 1201 CRITERIA FOR CATEGORY I OR CATEGORY II AS INDICATED IN TABLE R308.3.1

EXCEPTIONS:

1. POLISHED WIRED GLASS FOR USE IN FIRE DOORS AND OTHER FIRE RESISTANT LOCATIONS SHALL COMPANY WITH ANSI Z97.1-14.

2. LOUVERED WINDOWS AND JALOUSIES SHALL COMPANY WITH SECTION R308.2

R308.4 HAZARDOUS LOCATIONS.

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSE OF GLAZING:

1. GLAZING IN SWINGING DOORS EXCEPT JALOUSIES.

2. GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES AND PANELS IN SLIDING AND BI-FOLD CLOSET DOOR ASSEMBLIES.

3. GLAZING IN STORM DOORS.

4. GLAZING IN ALL UNFRAMED SWINGING DOORS.

5. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS. GLAZING IN ANY PART OF A WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524MM) MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

6. GLAZING, IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH(610MM) ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES (1524MM) ABOVE THE FLOOR OR WALKING SURFACE.

7. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 5 AND 6 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

7.1 EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET (0.836 M²).

7.2 BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR.

7.3 TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.

7.4 ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE GLAZING.

8. ALL GLAZING IN RAILINGS REGARDLESS OF AN AREA OR HEIGHT ABOVE WALKING SURFACE. INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN FILL-PANELS.

9. GLAZING IN WALLS AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) ABOVE A WALKING SURFACE AND WITHIN 60 INCHES (1524 MM) HORIZONTAL TO THE WATER'S EDGE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING.

10. GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36 INCHES (914 MM) HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLASS IS LESS THAN 60 INCHES (1524 MM) ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

11. GLAZING ADJACENT TO STAIRWAYS WITHIN 60 INCHES (1524 MM) HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLASS IS LESS THAN 60 INCHES (1524 MM) ABOVE THE NOSE OF THE TREAD.

EXCEPTION: THE FOLLOWING PRODUCTS, MATERIALS AND USES ARE EXEMPT FROM THE ABOVE HAZARDOUS LOCATIONS:

1. OPENINGS IN DOORS THROUGH WHICH A 3-INCH(76 MM) SPHERE IS UNABLE TO PASS.

2. DECORATIVE GLASS IN ITEMS 1, 6 OR 7.

3. GLAZING IN SECTION R308.4, ITEM 6, WHEN THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING.

4. GLAZING IN SECTION R308.4, ITEM 5, IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION OR WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET (914 MM) OR LESS IN DEPTH. GLAZING IN THESE APPLICATIONS SHALL COMPANY WITH SECTION R308.4, ITEM 2.

5. GLAZING IN SECTION R308.4, 3, WHEN A PROTECTIVE BAR IS INSTALLED ON THESE ACCESSIBLE SIDE(S) OF THE GLAZING 36 INCHES 2 INCHES (914 + MM 51 MM) ABOVE THE FLOOR, THE BAR SHALL BE CAPABLE OF WITHSTANDING A HORIZONTAL LOAD OF 50 POUNDS PER LINEAR FOOT (KG/M) WITHOUT CONTACTING THE GLASS AND BE A MINIMUM OF 1 1/2 INCHES (38 MM) IN HEIGHT.

6. OUTBOARD PANES IN INSULATING GLASS UNITS AND OTHER MULTIPLE GLAZED PANELS IN SECTION R308.4, ITEM 7, WHEN THE BOTTOM EDGE OF THE GLASS IS 25 FEET (7620 MM) OR MORE ABOVE GRADE, A ROOF, WALKING SURFACES, OR OTHER HORIZONTAL (WITHIN 45 DEGREES (0.79 RAD)) OF HORIZONTAL SURFACE ADJACENT TO THE GLASS EXTERIOR.

7. LOUVERED WINDOWS AND JALOUSIES COMPLYING WITH THE REQUIREMENTS OF SECTION R308.2.

8. MIRRORS AND OTHER GLASS PANELS MOUNTED OR HUNG ON A SURFACE THAT PROVIDES A CONTINUOUS BACKING SUPPORT.

9. SAFETY GLAZING IN SECTION R308.4, IS NOT REQUIRED WHERE:

9.1 THE SIDE OF STAIRWAY, LANDING OR RAMP HAS A GUARDRAIL OR HANDRAIL, INCLUDING BALUSTERS OR IN-FILL PANELS, COMPLYING WITH THE PREVISIONS OF 2020 FLORIDA BUILDING CODE, BUILDING

9.2 THE PLANE OF THE GLASS IS GREATER THAN 18 INCHES (457 MM) FROM THE RAILING.

STRUCTURAL NOTES

1. SPECIFICATIONS

1.1. CONSTRUCTION :

- 1.1.1. ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- 1.1.2. ACI 530-13, ASCE 5/MS 402-16 & ACI 530-13, ASCE 8/MS 602-16 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.1.3. ASTM C270-12a, C90-09 & C91-05 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.1.4. NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, 2012 EDITION, AND ALL ACCOMPANYING SUPPLEMENTS.
- 1.1.5. FLORIDA RESIDENTIAL CODE (FRC), FLORIDA BUILDING CODE (FBC) 7th ed. (2020)
- 1.1.6. "MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN", BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, (AISC) 13TH EDITION
- 1.1.7. "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE (TRI)-14.

1.2. DESIGN :

- 1.2.1. ACI 301-11 CONCRETE CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- 1.2.2. ACI 530-13, ASCE 5/MS 402-16 & ACI 530-13, ASCE 8/MS 602-16 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.2.3. ASTM C270-12a, C90-09 & C91-05 SPECIFICATIONS FOR MASONRY STRUCTURES
- 1.2.4. NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, 2015 EDITION, AND ALL ACCOMPANYING SUPPLEMENTS.
- 1.2.5. PLYWOOD DESIGN SPECIFICATIONS (APA)
- 1.2.6. FLORIDA BUILDING CODE (FBC) 7th ed. (2020) AND FLORIDA BUILDING CODE 7th ed. RESIDENTIAL (FBCR)

1.3. SHOP DRAWINGS :

- 1.3.1. THERE SHALL NOT BE ANY DEVIATIONS FROM THESE DESIGN PLANS BY OTHERS DURING THE PREPARATION OF SHOP DRAWINGS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
- 1.3.2. ALL SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 1.3.3. ALL CONSTRUCTION DRAWINGS SHOULD BE SIGNED AND SEALED BY A FLA. REG. PE. AND SHALL INCLUDE: DRAWINGS AND CALCULATIONS, REACTIONS AND BEARING POINTS, BRACING REQUIREMENTS, AND CONNECTIONS TO SUPPORTING TRUSS MEMBERS.

2. DESIGN LOADS

2.1. DEAD LOADS :

- 2.1.1. UNIT WEIGHT OF SOIL, COMPAKTED : 120 PCF
- 2.1.2. UNIT WEIGHT OF REINFORCED CONCRETE : 150 PCF
- 2.1.3. UNIT WEIGHT OF C.M.U. BLOCKS : 50 PSF
- 2.1.4. 1ST FLOOR SUPERIMPOSED LOAD : 20 PSF
- 2.1.5. UNIT WEIGHT OF 2x4 PARTITION WALLS : 11 PSF
- 2.1.6. UNIT WEIGHT OF 2x8 BEARING WALLS : 12 PSF
- 2.1.7. UNIT WEIGHT OF 2x10 BEAMS : 15 PSF
- 2.1.8. TILE ROOF : 15 PSF
- 2.1.9. BOTTON CHORD : 10 PSF
- SHINGLE ROOF : 7 PSF
- TOP CHORD : 10 PSF
- FLOOR TRUSSES : 15

2.2. LIVE LOADS :

- 2.2.1. SIDEWALK AND DRIVEWAY LOAD : 250 PSF
- 2.2.2. GARAGE LOADS : 40 PSF
- 2.2.3. PARTITIONED ROOMS : 40 PSF
- 2.2.4. BATHROOMS : 60 PSF-UNDER 100 sq. ft.
- 2.2.5. STAIRWAYS AND LANDINGS : 40 PSF
- 2.2.6. SLEEPING ROOMS : 30 PSF
- 2.2.7. FLOOR TRUSS : 40 PSF
- TOP CHORD MINIMUM : 20 PSF
- BOTTOM CHORD (ATTIC W/O LIMITED STORAGE) : 20 PSF (NON-CORRUGATED)
- BOTTOM CHORD (ATTIC W/LIMITED STORAGE) : 20 PSF

2.3. RAILING LOADS :

- 2.3.1. ALL RAILING AND GUARD RAIL SYSTEMS ARE TO BE DESIGNED TO WITHSTAND A CONCENTRATED LOAD OF 200 POUNDS APPLIED AT ANY POINT AND IN ANY DIRECTION ALONG THE RAILING.
- 2.3.2. ALL RAILING AND GUARD RAIL SYSTEMS ARE TO BE DESIGNED TO WITHSTAND A HORIZONTAL LOAD OF 100 PFS APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL.
- 2.3.3. GUARDRAIL SYSTEM SHALL BE DESIGNED TO WITHSTAND 200lb CONCENTRATED LOAD APPLIED VERTICALLY AT 1 SQ FT AREA OF THE GUARDRAIL.
- 2.3.4. 2.1, 2.2, 2.3 & 2.3.3 ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY, BUT EACH SHALL BE APPLIED TO PRODUCE THE MAXIMUM STRESSES IN THE MEMBER COMPONENTS.

2.4. WIND LOADS :

- 2.4.1. WIND DESIGN TO BE CONDUCTED IN ACCORDANCE WITH SECT. R301.2 OF THE FBC 7th ed. (2020), AND CONDUCTED BASED ON 145 MPH . 3 SECOND GUST, EXPOSURE "C", IMPORTANCE FACTOR "I" = 1.0, ENCLOSED BUILDING
- 2.4.2. NET UPLIFT DEAD LOADS - 10 PSF SHINGLE, 15 PSF TILE
- 2.4.3. WIND LOAD DETERMINATION BASED ON ASCE 7-10

2.5. DEFLECTIONS :

- 2.5.1. FLOOR TRUSSES SHALL LIMIT DEFLECTION TO 1/480 TIMES THE SPAN FOR LIVE LOADS AND 1/240 TIMES THE SPAN FOR TOTAL LOAD.

3. DESIGN METHOD

3.1. LOAD FACTOR DESIGN :

- 3.1.1. THE LOAD FACTOR DESIGN METHOD WAS USED TO DESIGN: CAST-IN-PLACE CONCRETE SLABS AND FOOTINGS

3.2. SERVICE LOAD DESIGN :

- 3.2.1. THE SERVICE LOAD DESIGN METHOD WAS USED TO DESIGN: MAXIMUM ALLOWABLE LOADS, INTERIOR AND EXTERIOR WOOD FRAMING AND SHEATHING, STAIRS AND FLOOR FRAMING, ROOF FRAMING, SHEATHING AND UPLIFT

3.3. LOAD COMBINATIONS FOR LRFD DESIGNS :

- 3.3.1. THE FOLLOWING LOAD COMBINATIONS WERE DESIGNED FOR: TOTAL DL + FLOOR LL + ROOF LL
- 3.3.2. ALL ROOF AND FLOOR TRUSSES SHALL BE DESIGNED TO RESIST THE WORST LOAD COMBINATION RESULTING IN THE MAXIMUM STRESSES PLACED ON THAT COMPONENT. BOTH PARTIAL AND FULL ALTERNATING SPAN LOADING ARE TO BE CONSIDERED.

3.4. DESIGN ASSUMPTIONS :

- 3.4.1. ALL FOUNDATIONS ARE CENTERED UNDER SUPPORTED COLUMNS AND WALLS UNLESS SHOWN OTHERWISE IN THE DESIGN PLANS.

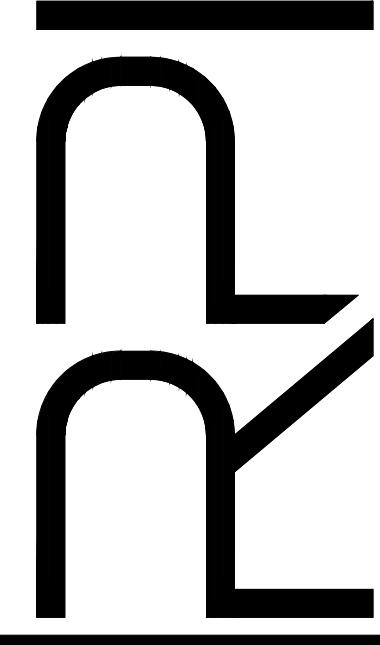
4. MATERIALS

4.1. REINFORCING STEEL :

- 4.1.1. REINFORCING STEEL SHALL BE ASTM A615 / A615M-12 MIN. GRADE 40, fy = 295 ksi
- 4.1.2. LAP SPLICE SHALL BE AS FOLLOWS: #8 BAR 25° #4 BAR 20° #3 BAR 20°
- 4.1.3. ALL DIMENSIONS PERTAINING TO THE LOCATION OF REINFORCING ARE TO THE CENTERLINE OF EACH BAR EXCEPT WHERE THE COVER DIMENSION IS SHOWN TO THE FACE OF THE CONCRETE.
- 4.1.4. REINFORCING DETAIL DIMENSIONS ARE OUT TO OUT OF BARS.
- 4.1.5. REINFORCING MECHANICAL COUPLERS ARE TO DEVELOP 125 % OF THE REQUIRED YIELD STRENGTH OF THE BAR AND ARE TO BE APPROVED BY THE ENGINEER OF RECORD.
- 4.1.6. DESIGN COVER REQUIREMENTS:
C-IP CONCRETE FORMED AGAINST EARTH : 3"
C-IP CONCRETE EXPOSED TO EXTERIOR : 2"
C-IP CONCRETE EXPOSED TO INTERIOR : 1 1/2"
GROUT FILLED MASONRY : 3/4"
- 4.1.7. WELDED WIRE FABRIC (WWF): ASTM A-185 / A 185M-14
- 4.1.8. DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 318-11 (STRUCTURAL CONCRETE)
- ACI 530-13 (MASONRY STRUCTURES)

4.2. CONCRETE :

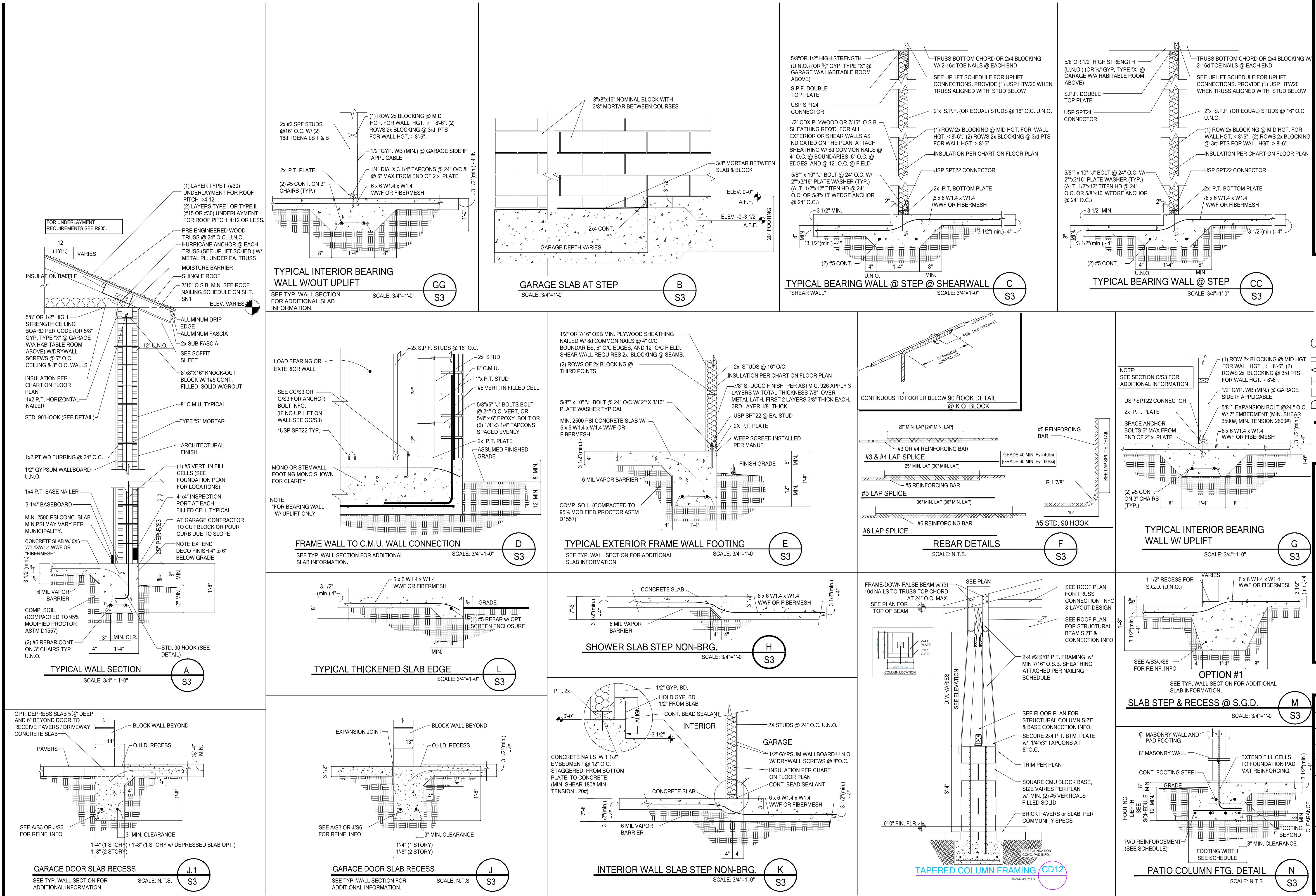
CONCRETE TYPE	MIN. 28 DAY DESIGN (f'c)	MODULES OF ELASTICITY DESIGN (E)
C-I-P CONCRETE (NORMAL WEIGHT)	2,500 Psi	2,850 Ksi
C-I-P CONCRETE (NORMAL WEIGHT) HERNANDO CO. ONLY	3	

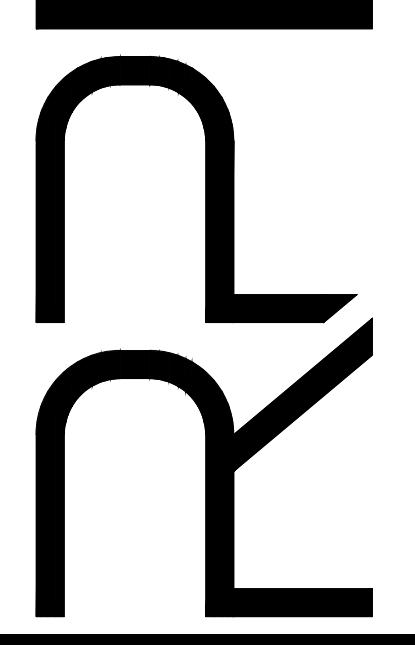


Lennar Homes

DETAILS

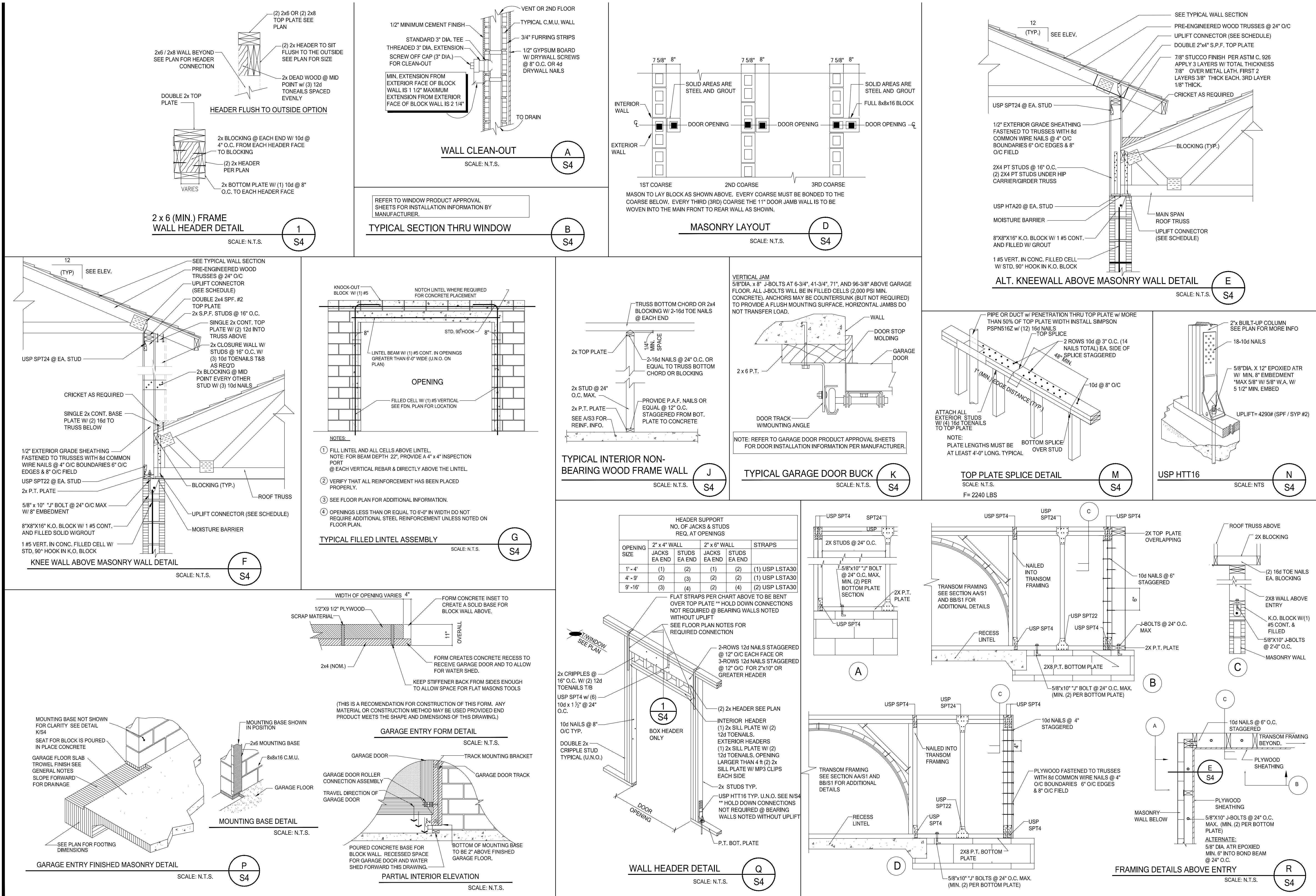
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LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9543 FLORISH DR.

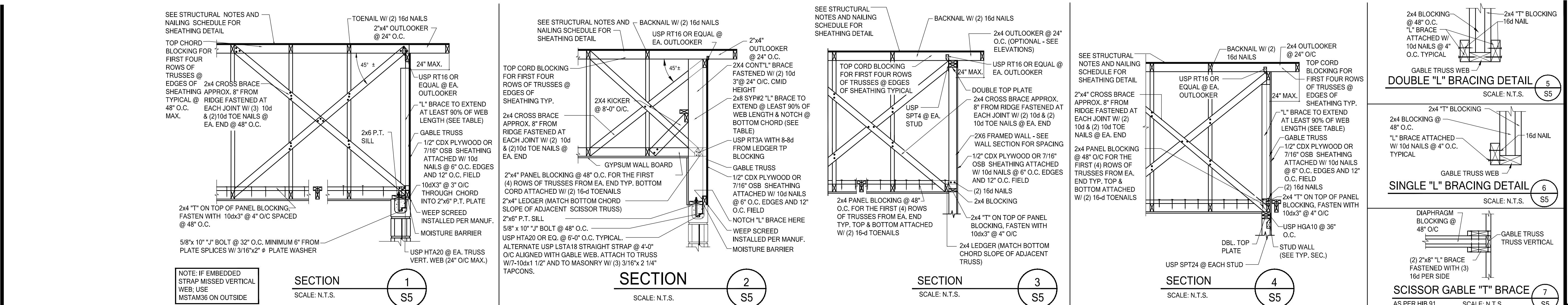
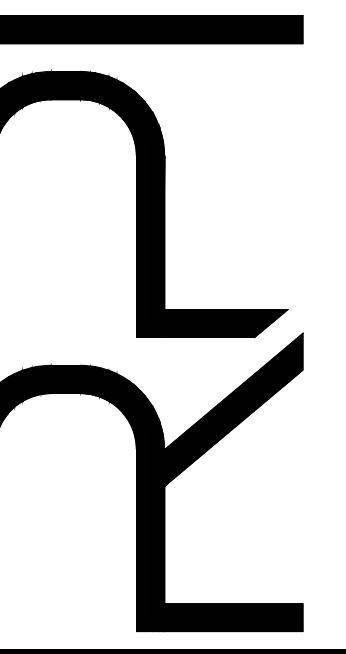




DETAILS
MODEL NAME: LENNAR 2603 B
LOT NUMBER: BLK. 68 - LOT 05
SUBDIVISION: CONNERTON 40
ADDRESS: 9543 FLORISH DR.

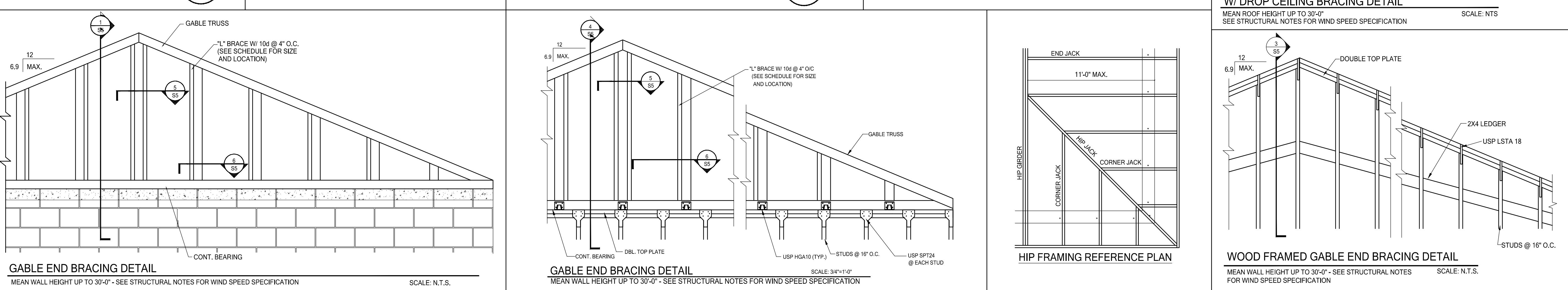
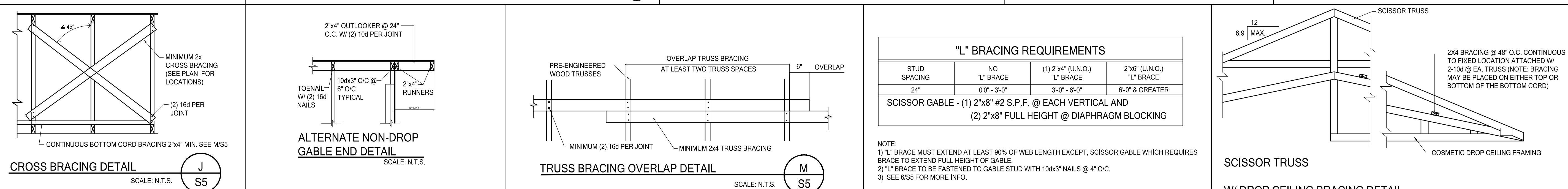
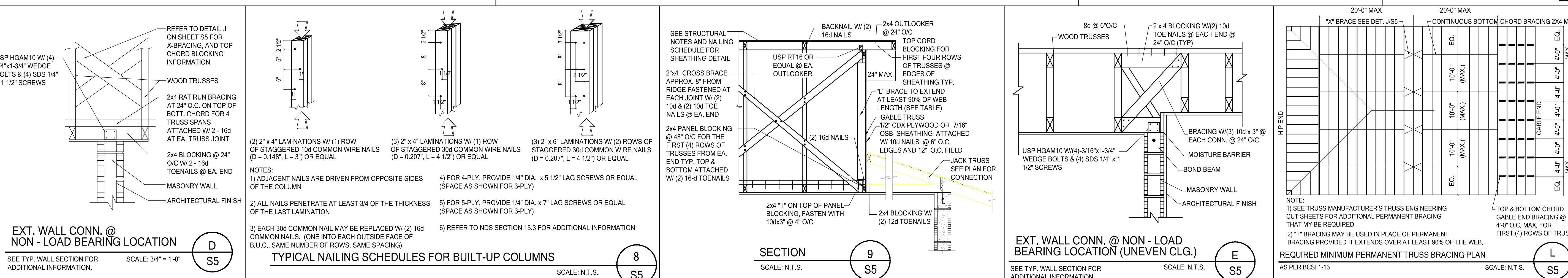
Lennar Homes





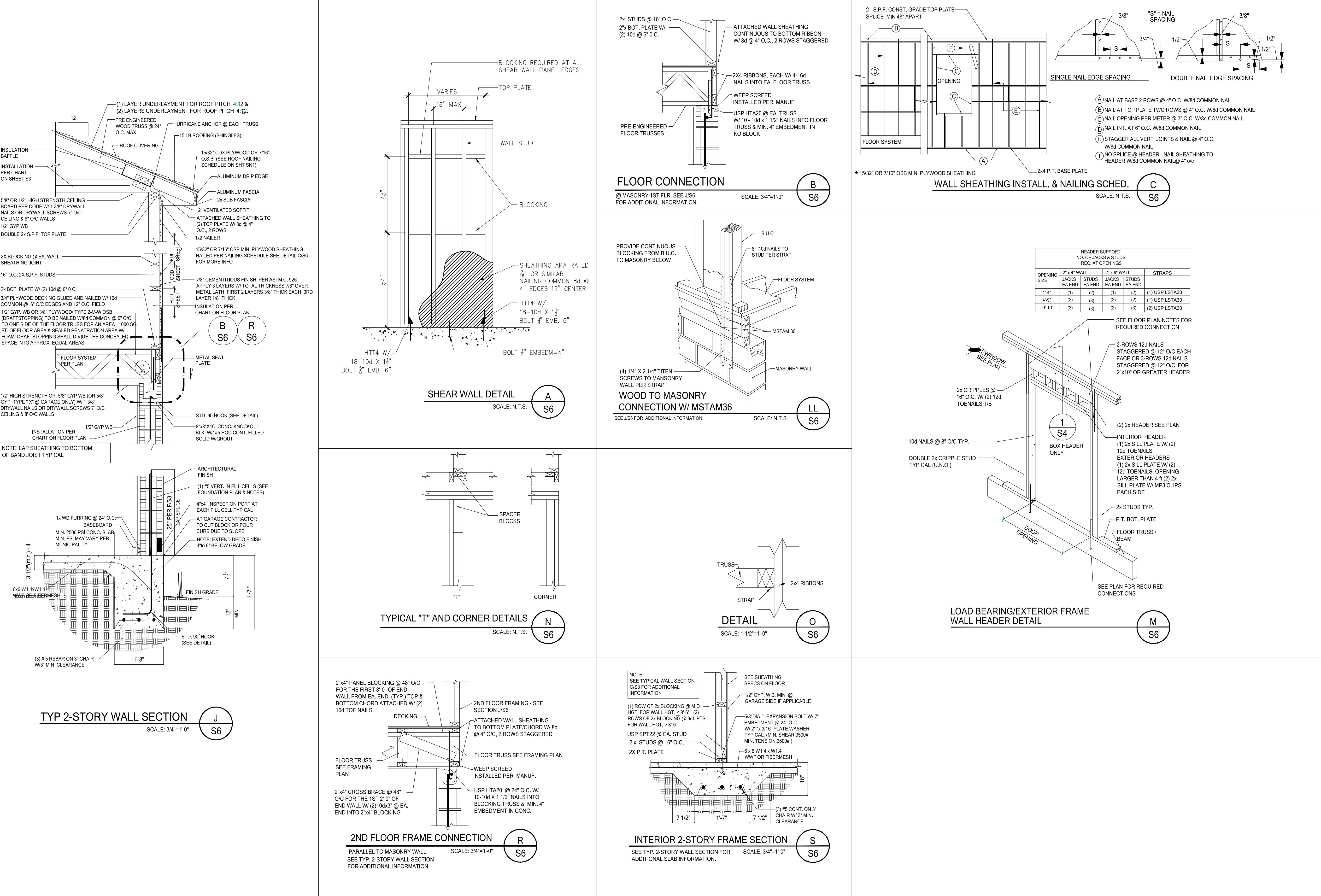
DETAILS	MODEL NAME: LENNAR 2603 B
	LOT NUMBER: BLK. 68 - LOT 05
	SUBDIVISION: CONNERTON 40
	ADDRESS: 9545 FLORISH DR.

Lennar Homes



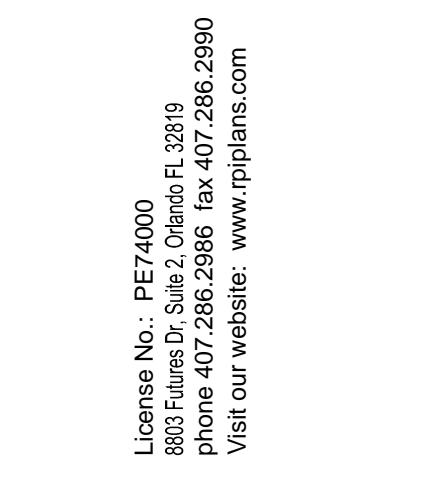
drawn by K.L.
checked by D.M.
date 03.16.2021
scale AS NOTED
project no. 21-3004
drawing no. S5

ALBERTO GUIDA
LIC #; PE74000



Lennar Homes

drawn by	K.L.
checked by	D.M.
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	S6
ALBERTO GUIDA LIC N#: PE74000	



0000-00000000, Suite 2, Unit 1000 FL 32033
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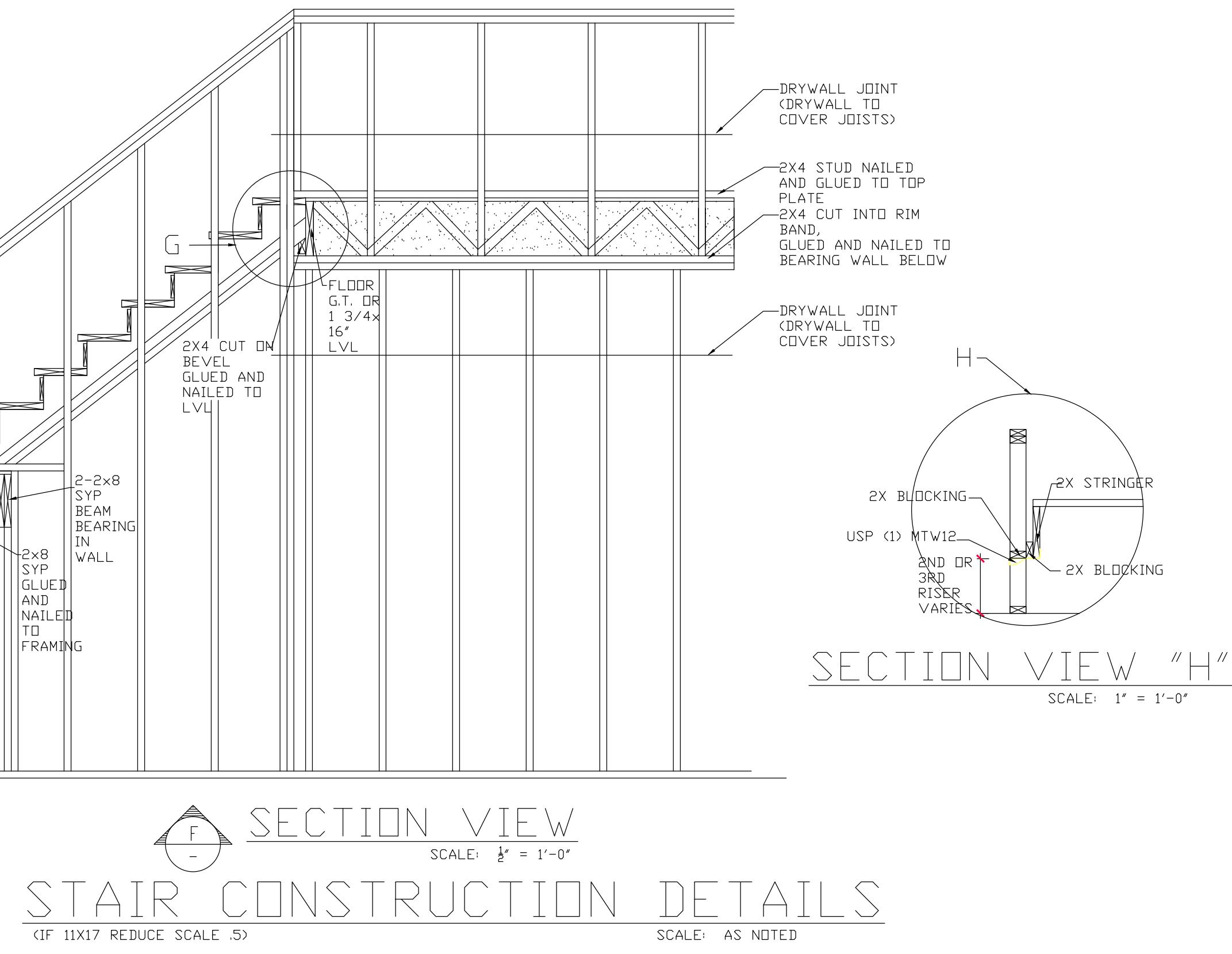
MODEL NAME: _____
LOT NUMBER: _____

MODEL NAME: LE LOT NUMBER: BL SUBDIVISION: CC ADDRESS: 95

Third party without first obtaining the express written permission from RPI

Lennar Homes

drawn by	K.L
checked by	D.M
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	ST



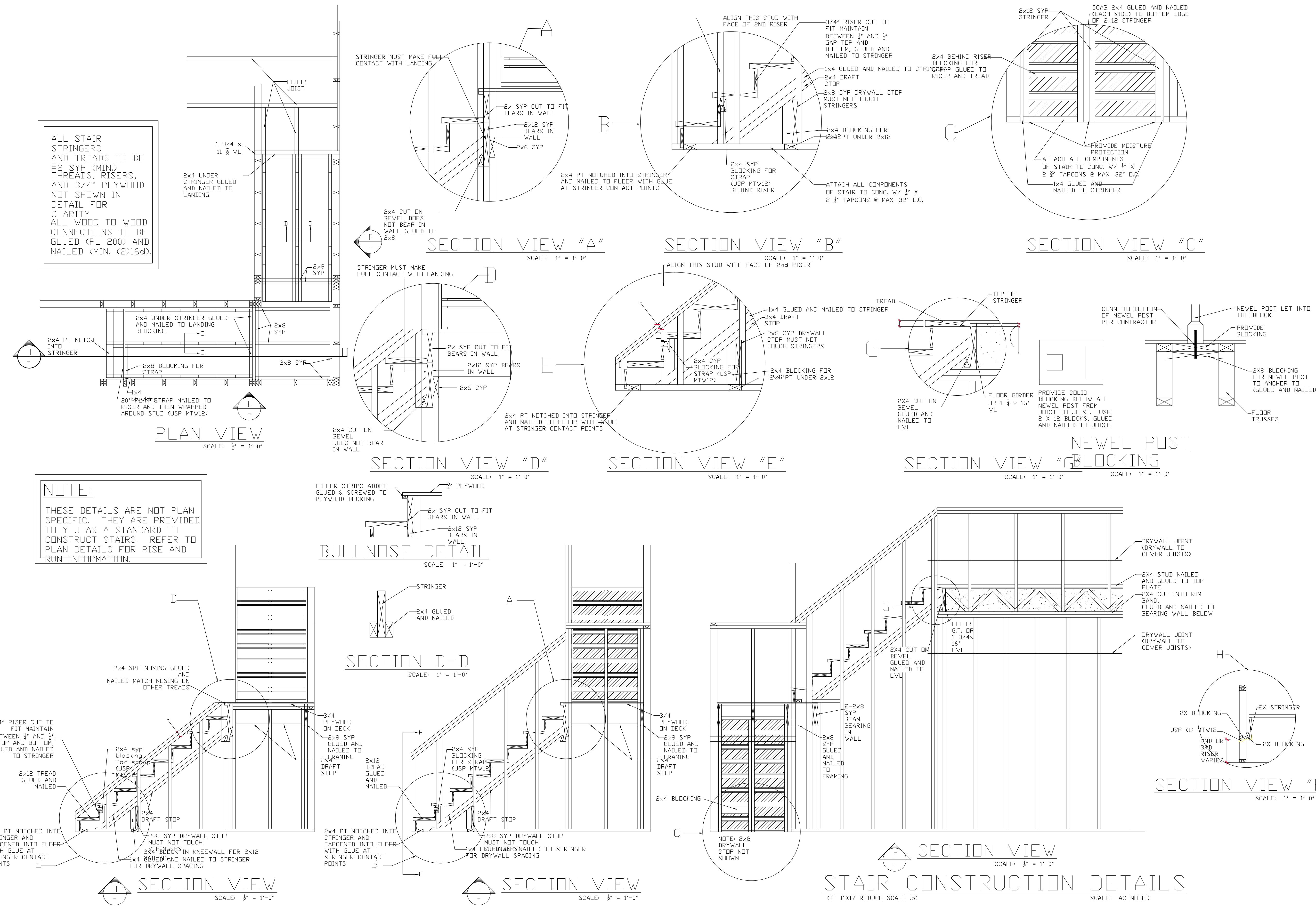
 SECTION VIEW

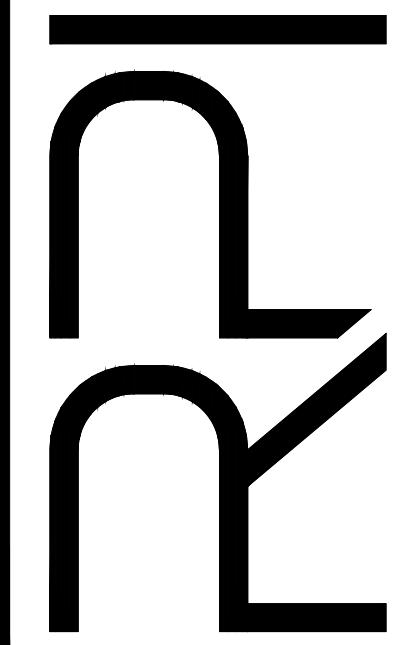
 - SCALE: $\frac{1}{2}'' = 1'-0''$

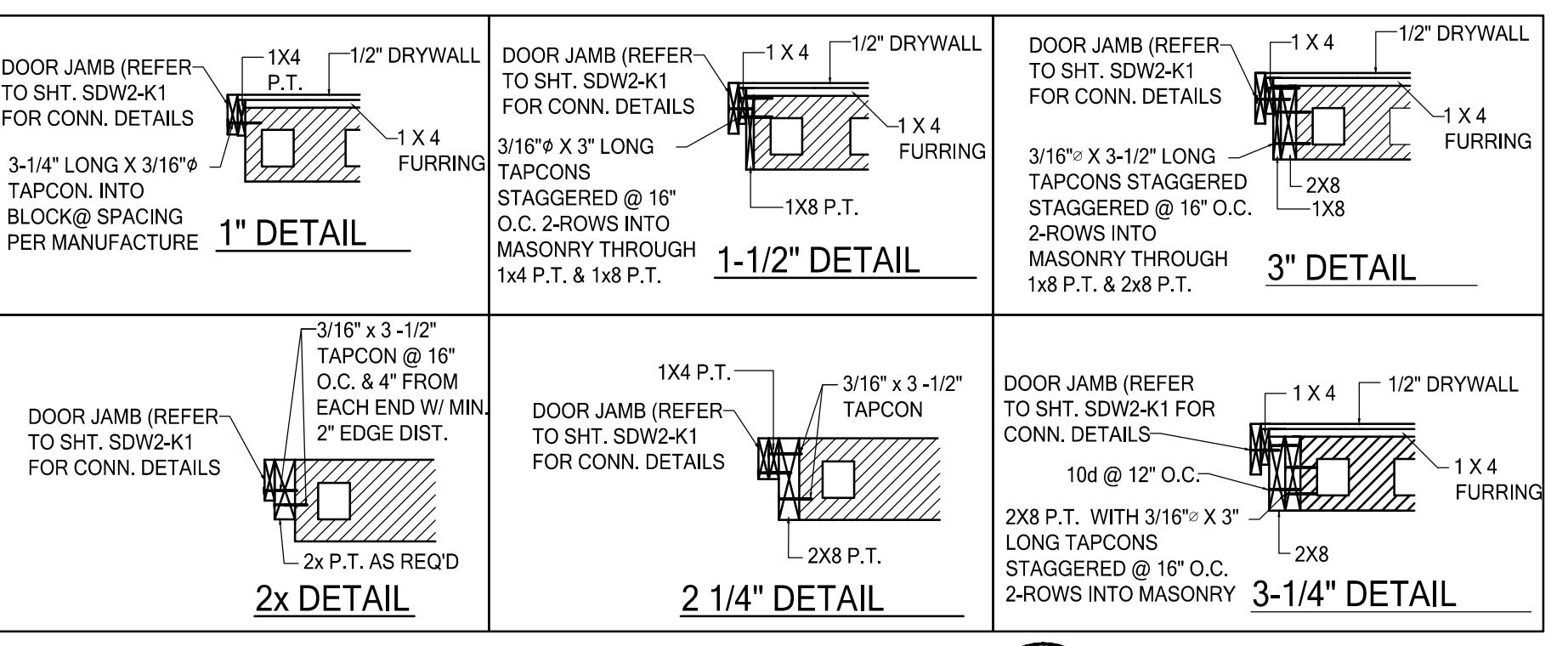
STAIR CONSTRUCTION DETAIL

(IF 11X17 REDUCE SCALE .5)

SCALE: AS NOTED

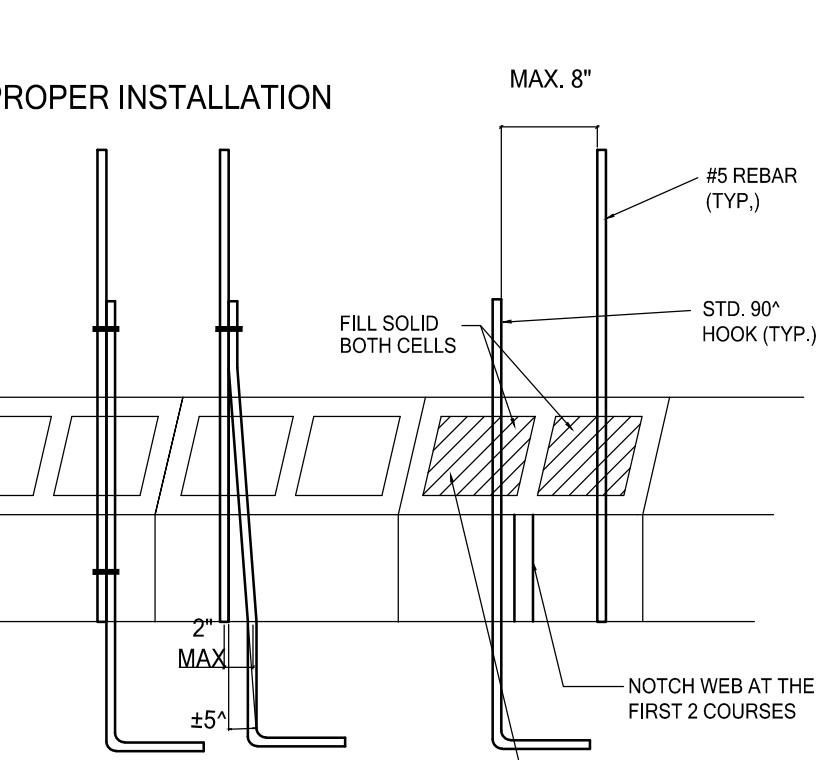






BUILDOUT @ OVER SIZE DOOR-WINDOW ROUGH OPENINGS

SCALE: N.T.S. CC SS



PROPER INSTALLATION

MAX. 8"

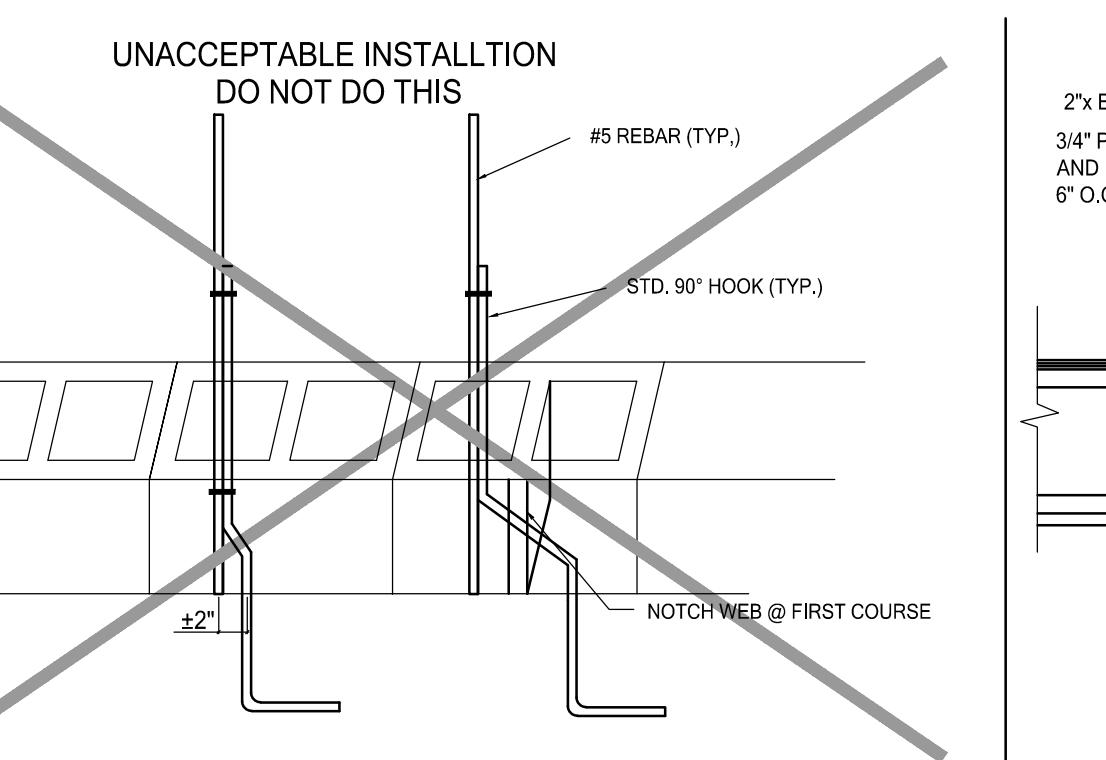
#5 REBAR (TYP.)

STD. 90° HOOK (TYP.)

FILL SOLID BOTH CELLS

NOTCH WEB AT THE FIRST 2 COURSES

FILLED CELL PER FOUNDATION PLAN

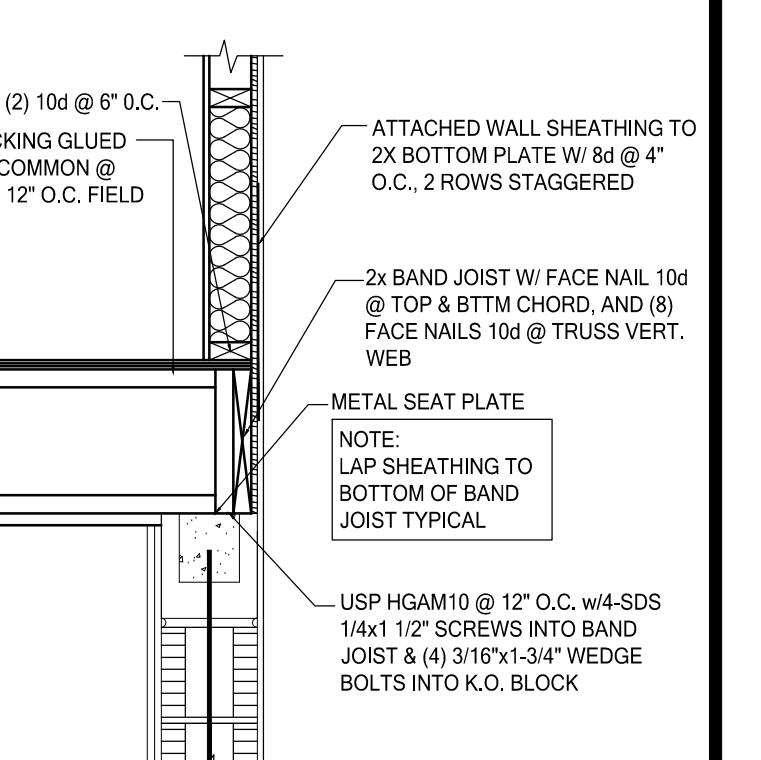


**UNACCEPTABLE INSTALLTION
DO NOT DO THIS**

#5 REBAR (TYP.)

STD. 90° HOOK (TYP.)

NOTCH WEB @ FIRST COURSE



RETROFIT FOR MISSING EMBEDDED STRAP

SEE TYP. 2-STORY WALL SECTION FOR ADDL. INFO

SCALE: N.T.S.

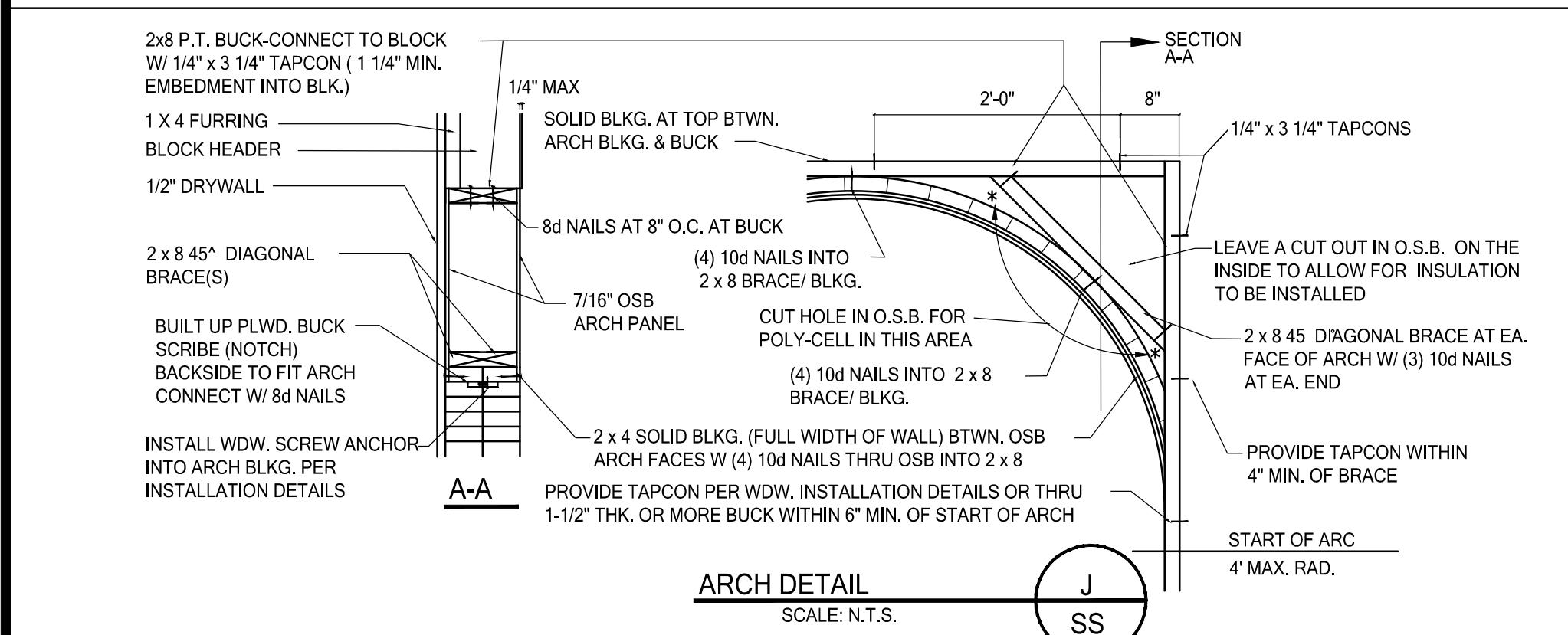
ATTACHED WALL SHEATHING TO 2X BOTTOM PLATE W/ 4d @ 4" O.C., 2 ROWS STAGGERED

2x BAND JOIST W/ FACE NAIL 10d @ TOP & BTM CHORD, AND (8) FACE NAILS 10d @ TRUSS VERT. WEB

METAL SEAT PLATE

NOTE: LAP SHEATHING TO BOTTOM OF BAND JOIST TYPICAL

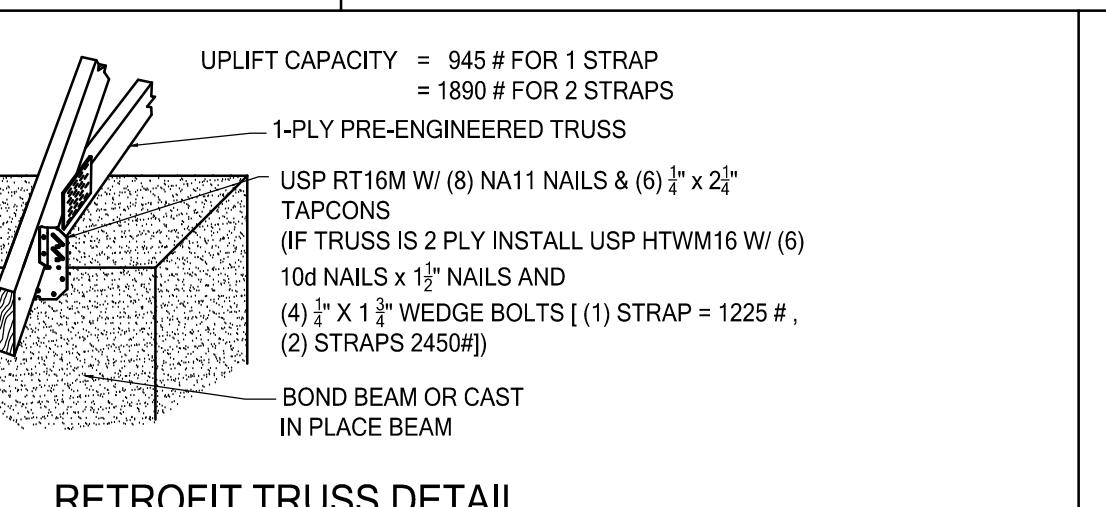
USP HGANT10 @ 12" O.C. w/4-SDS 1/4" 1 1/2" SCREWS INTO BAND JOIST & (4) 3/16" x 1/4" WEDGE BOLTS INTO K.O. BLOCK



ARCH DETAIL

SECTION A-A

SCALE: N.T.S. J SS



RETROFIT TRUSS DETAIL

SECTION A-A

UPLIFT CAPACITY = 945 # FOR 1 STRAP
= 1890 # FOR 2 STRAPS

1-PLY PRE-ENGINEERED TRUSS

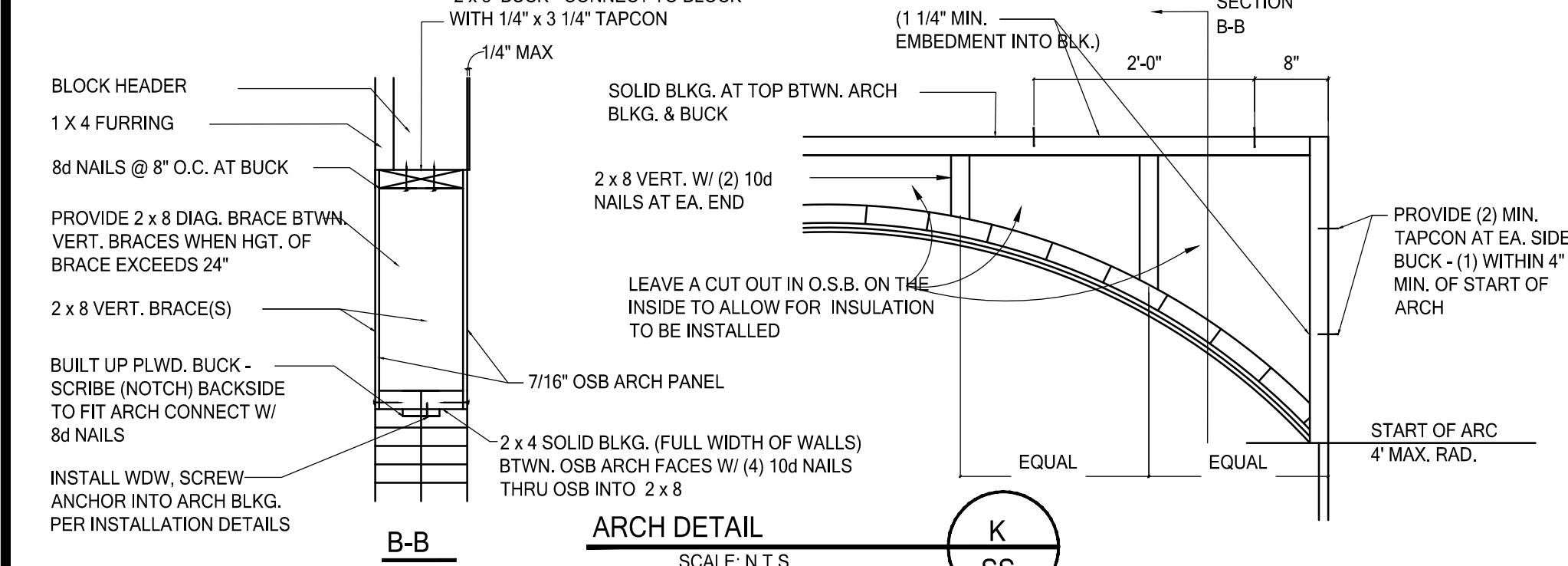
LSP RT16M W/ (8) NA11 NAILS & (6) 1/4" x 2 1/2" TAPCONS

(IF TRUSS IS 2 PLY INSTALL LSP HTWM16 W/ (6) 10d NAILS x 1 1/2" NAILS AND (4) 1/4" x 1 1/2" WEDGE BOLTS ((1) STRAP = 1225 #, (2) STRAPS 2450#))

BOND BEAM OR CAST IN PLACE BEAM

PROVIDE TAPCON WITHIN 4" MIN. OF BRACE

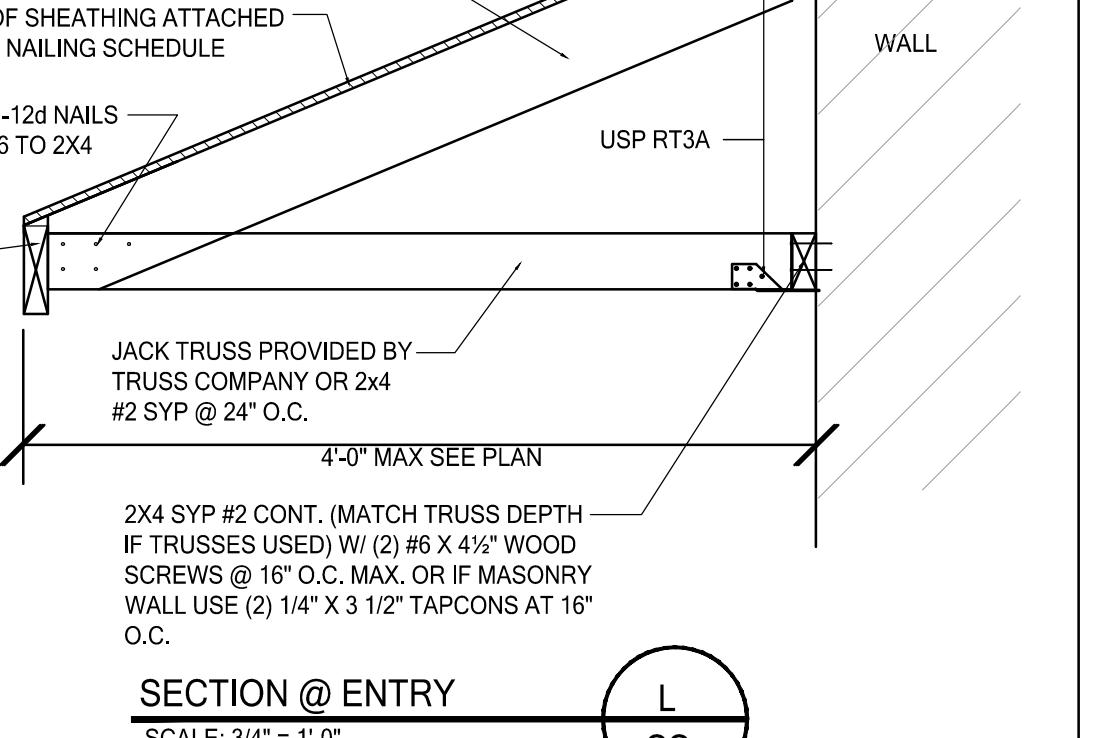
START OF ARC 4" MAX. RAD.



ARCH DETAIL

SECTION B-B

SCALE: N.T.S. K SS



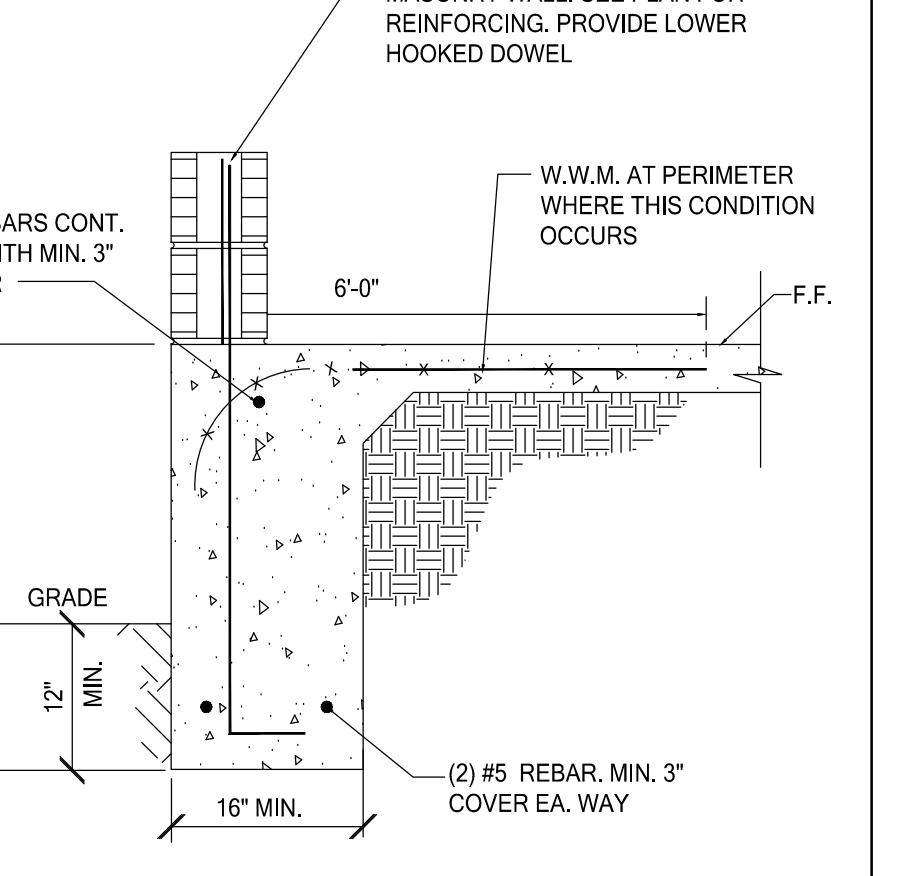
SECTION @ ENTRY

SECTION B-B

SECTION @ ROOF EXTENSION

SECTION M

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



SECTION AT DEEP MONO FOUNDATION

GRADE

12' MIN.

32' MAX.

16' MIN.

6' MIN. LAP SPLICE W/ REINFORCING PANEL

SEALANT

EXPANSION STRIP

20 ga. PANEL ANCHOR

9 ga. PANEL REINFORCING (EVERY OTHER COURSE)

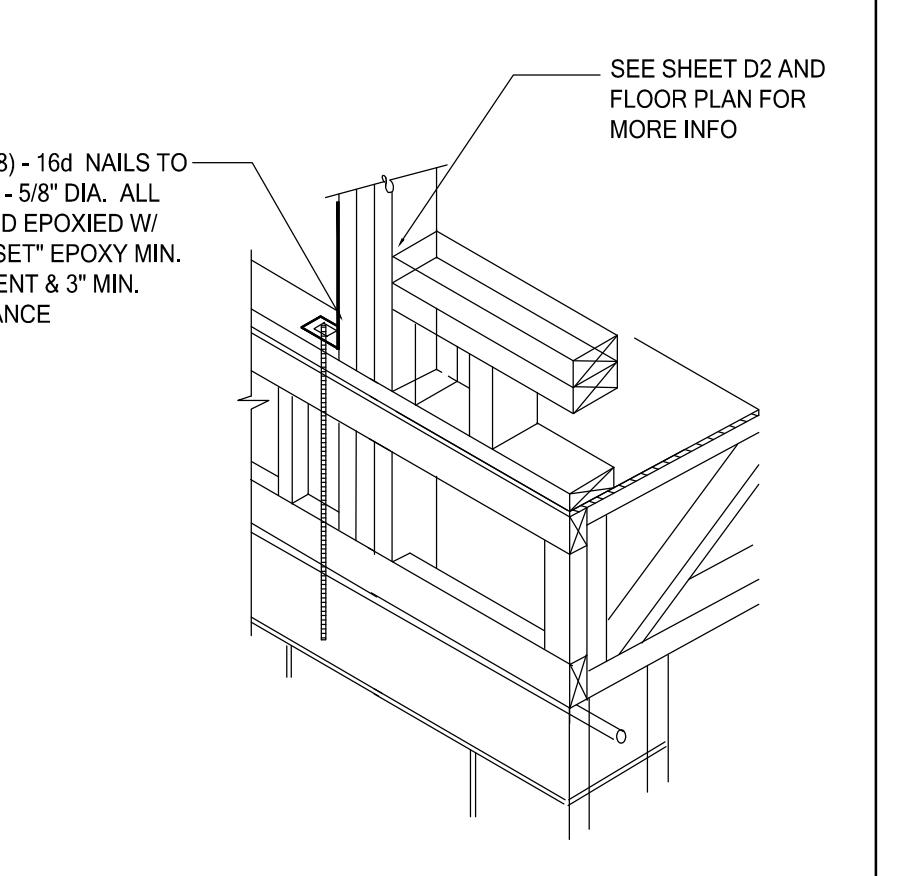
1/4" EXPANSION BOLT (2 PER ANCHOR)

W.W.M. AT PERIMETER WHERE THIS CONDITION OCCURS

NOTE: SEE GLASS BLOCK INSTALLATION NOTES.

GLASS BLOCK SHALL BE INSTALLED PER THE FLORIDA BUILDING CODE RESIDENTIAL SECTION R160

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



RETROFIT FOR MISSING MSTAM STRAP

SEE SHEET D2 AND FLOOR PLAN FOR MORE INFO

HTT16 W/ (18) - 16d NAILS TO STUDS & (1) 5/8" DIA. ALL THREAD ROD EPOXYED W/ SIMPSON "SET" EPOXY MIN. 5" EMBEDMENT & 3" MIN. EDGE DISTANCE

6'-0"

12'

16' MIN.

32' MAX.

25' MIN. LAP SPLICE

EXISTING BOND BEAM

DRILL 3/4"x6" MIN. HOLE SET BAR IN EPOXY CAP TO PREVENT LEAKAGE

#5x6' EMBEDDED INTO EXISTING BOND BEAM

FILL CELL FULL HEIGHT W/ NON SHRINK GROUT,

#5x6' EMBEDDED INTO EXISTING FOOTING

DRILL 3/4"x6" MIN. HOLE SET BAR IN EPOXY

2-#5x6" IN CONC. FILLED CELL

4" SAW CUT

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FILL CELL FULL HEIGHT W/ NON SHRINK GROUT,

#5x6' EMBEDDED INTO EXISTING FOOTING

DRILL 3/4"x6" MIN. HOLE SET BAR IN EPOXY

2-#5x6" IN CONC. FILLED CELL

4" SAW CUT

EXISTING FOOTING

EXISTING BOND BEAM

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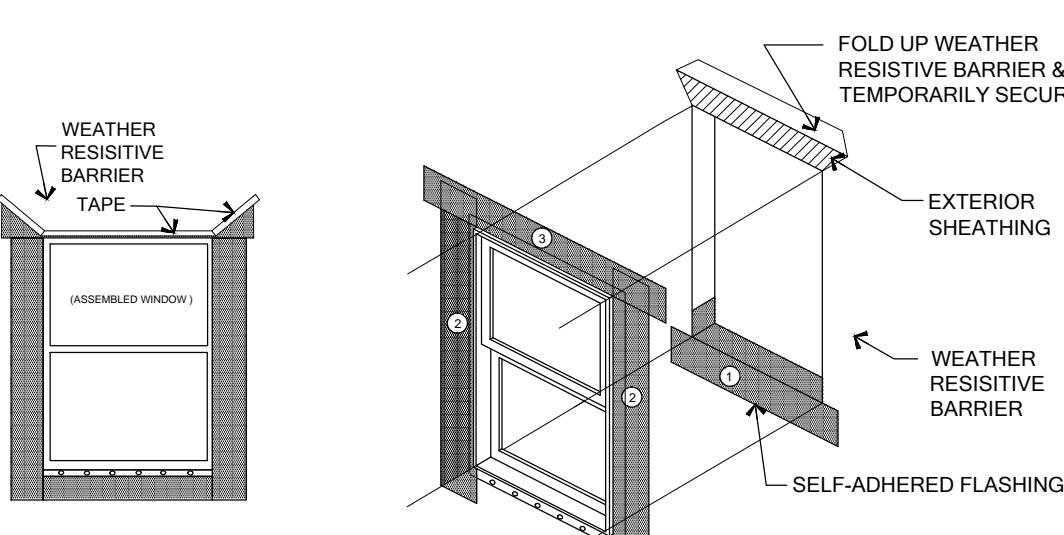
4" SAW CUT

EXISTING FOOTING

EXISTING BOND BEAM

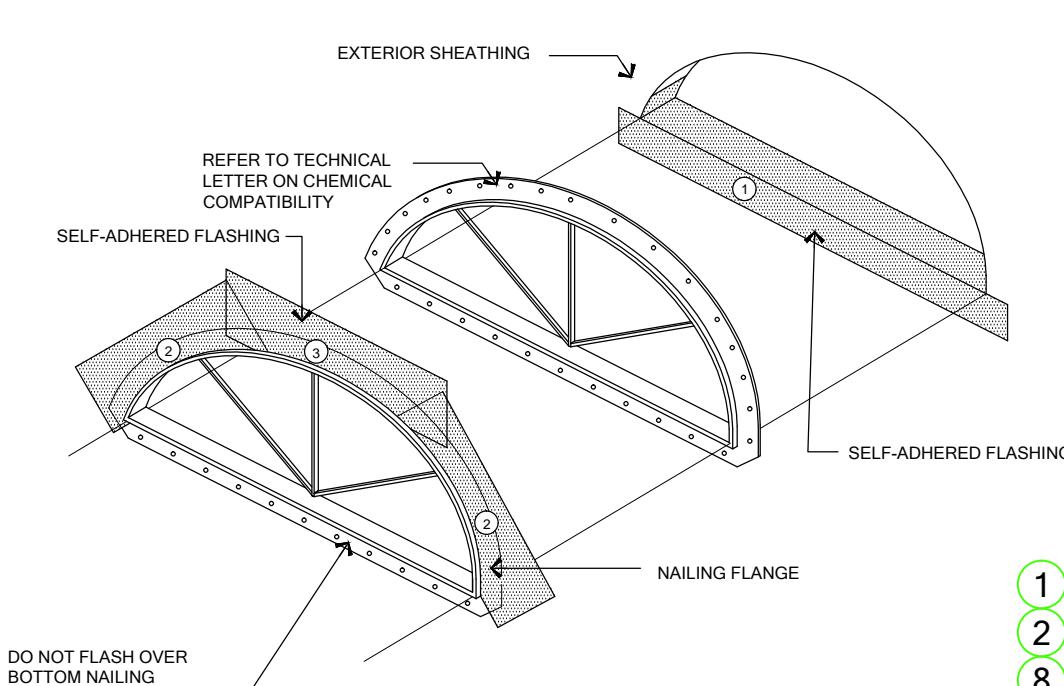
DRILL 3/4"x6" MIN. HOLE SET BAR IN EPOXY CAP TO PREVENT LEAKAGE

#5x6' EMBEDDED INTO EXISTING BOND BE



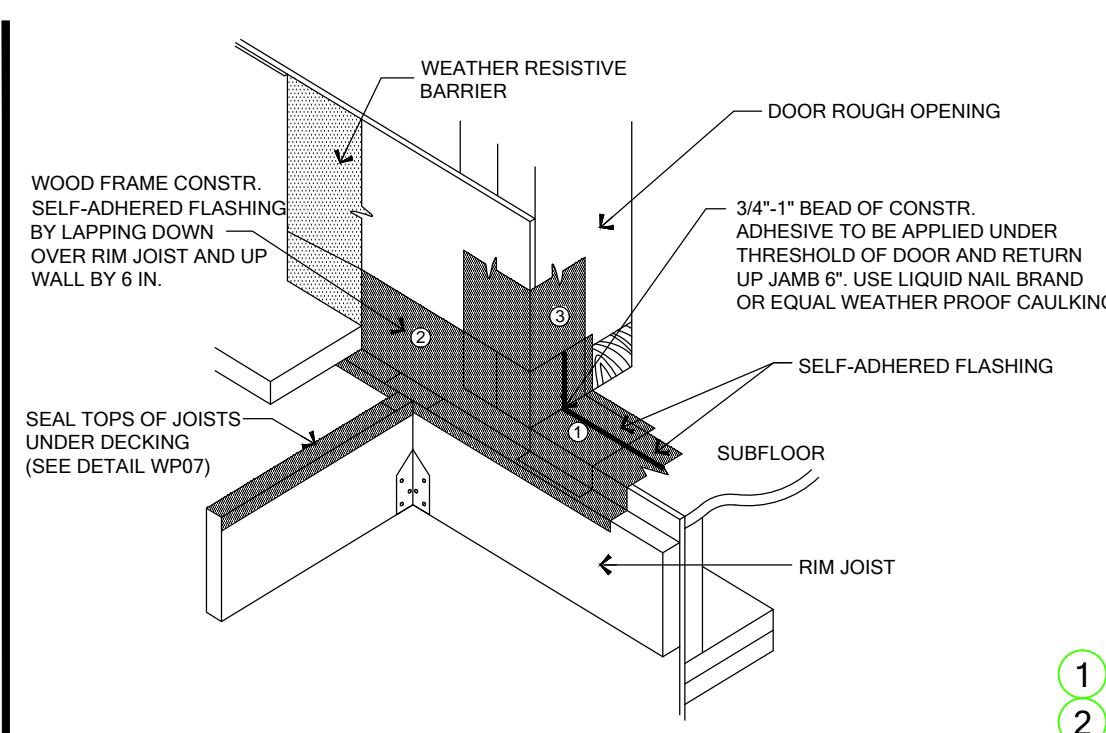
SELF-ADHERED FLASHING
FLANGED WINDOW
FLASHING INSTALLATION AFTER WEATHER RESISTIVE BARRIER

WP01



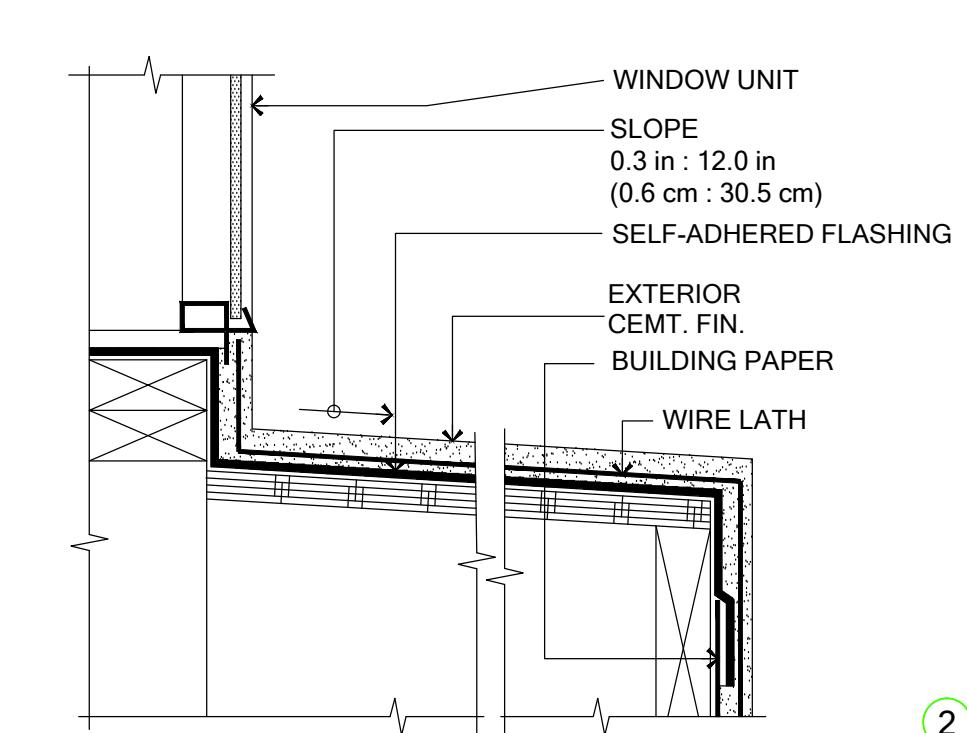
SELF-ADHERED FLASHING
HALF ROUND WINDOW

WP04



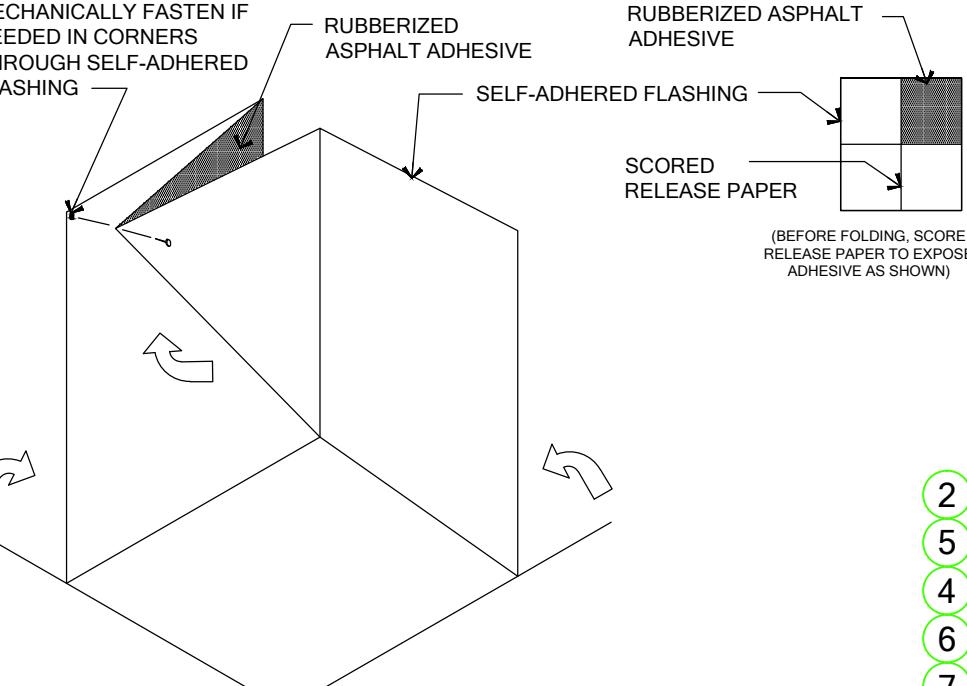
SELF-ADHERED FLASHING
EXTERIOR DOOR WITH DECK - SECTION A

WP02



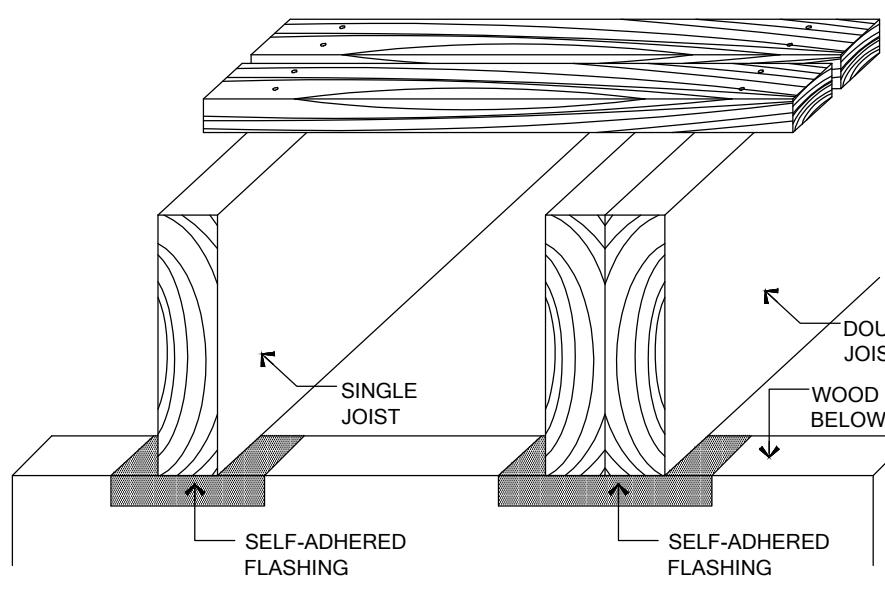
SELF-ADHERED FLASHING
CEMT. FINISH SILL/ POTSHLF/ CHIMNEY SHOULDER

WP03



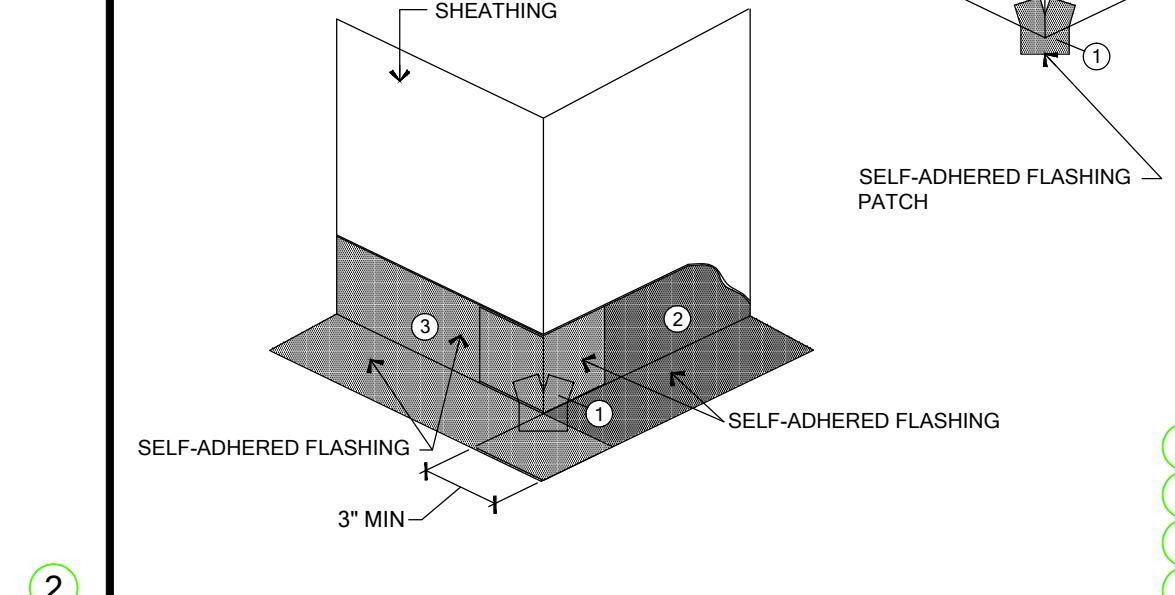
SELF-ADHERED FLASHING
INSIDE CORNER

WP06



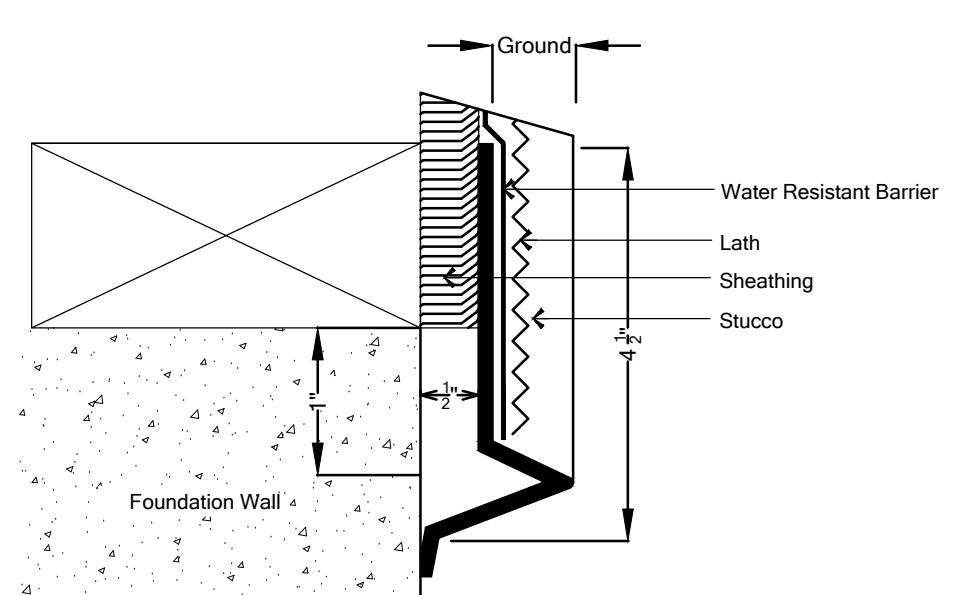
SELF-ADHERED FLASHING
DECK JOIST

WP07



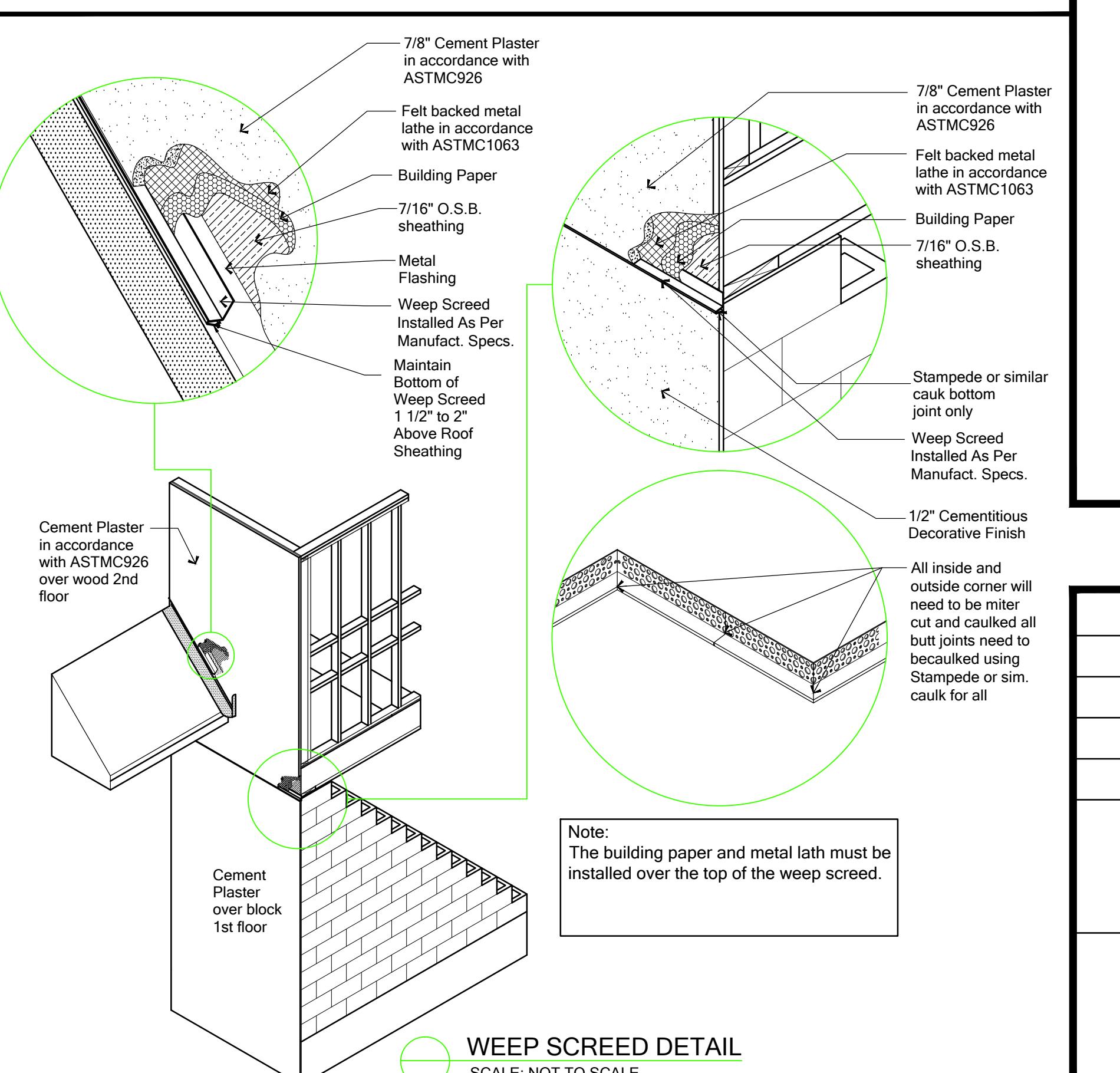
SELF-ADHERED FLASHING
OUTSIDE CORNER

WP08



FOUNDATION WEEP SCREED

WP09



WEEP SCREED DETAIL
SCALE: NOT TO SCALE

NOT USED

WP10

NOT USED

WP11

NOT USED

WP12

Lennar Homes

drawn by	K.L
checked by	D.M
date	03.16.2021
scale	AS NOTED
project no.	21-3004
drawing no.	WP