#### **GENERAL NOTES:**

ALL WORK SHALL COMPLY WITH THE 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA RESIDENTIAL CODE, ALSO COMPLY WITH ADMINISTRATIVE REQUIREMENTS OF CCR TITLE 24, PART 1, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, CHAPTER 4, GROUP 1, (LATEST REVISION). CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

CONTRACTOR SHALL COMPARE AND CHECK ALL CONTRACT DOCUMENTS A MINIMUM OF TWO WEEKS PRIOR TO COMMENCING WORK. HE SHALL IMMEDIATELY REPORT ANY DISCREPANCY TO THE SEOR FOR CLARIFICATION AND HE SHALL NOT PROCEED WITH ANY WORK AFFECTED BY THE DISCREPANCY UNTIL SUCH CLARIFICATION HAS BEEN RECEIVED IN WRITING. GENERAL CONTRACTOR MUST THOROUGHLY REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS PRIOR TO START OF CONSTRUCTION TO MINIMIZE THE QUANTITY OF RFI'S DURING CONSTRUCTION. ALL REQUESTS FOR INFORMATION (RFI'S) MUST COME FROM THE GENERAL CONTRACTOR AND MUST BE TYPED OR LEGIBLY HAND PRINTED WITH CLEAR, CONCISE INFORMATION. THEY MUST BE FIRST SUBMITTED TO THE OWNER'S INSPECTOR AND MUST BEAR THE INSPECTOR'S SIGNATURE AND COMMENTS PRIOR TO BEING SENT TO THE ARCHITECT. ALL RFI'S MUST BE SUBMITTED IN A TIME FRAME THAT ALLOWS A MINIMUM OF 10 WORKING DAYS FOR REVIEW AND GENERAL CONTRACTOR WILL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR HIS EXPENSES INCURRED IN THE PROCESSING OF RFI'S. NO EXTENSIONS IN TIME OR OVERHEAD COST INCREASES WILL BE PERMITTED FOR ANY WORK PERFORMED AS A RESULT OF ANY RFI'S RESPONDED TO IN THE TIME FRAME OUTLINED ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WORK AND IDENTIFY ANY CONFLICTS IN A TIMELY MANNER SUCH THAT ALTERNATIVE DESIGNS OR DETAILS, IF REQUIRED, MAY BE

RESPONSE. (RFI'S CONCERNING UNFORSEEABLE CONDITIONS WILL RECEIVE PRIORITY ATTENTION)

I'HE CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES OR SEQUENCE OF CONSTRUCTION, WHICH ARE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. NEITHER THE OWNER NOR ARCHITECT/ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO DETAILS FOR SIMILAR CONSTRUCTION SHOWN ON THESE DRAWINGS. THE CONTRACTOR ADMITS AND AGREES THAT THE CONTRACT DOCUMENTS EXHIBIT THE INTENT AND PURPOSE OF THE OWNER IN REGARD TO THE WORK. AND THAT THEY ARE NOT COMPLETE IN EVERY DETAIL AND ARE TO BE CONSIDERED AS SHOWING THE PURPOSE AND INTENT ONLY: AND THE CONTRACTOR FURTHER AGREES TO FURNISH ALL LABOR OR MATERIAL FOR ANY DETAIL THAT IS NECESSARY TO CARRY OUT SAID INTENT AND PURPOSE OF THE CONTRACT DOCUMENTS WITHOUT EXTRA CHARGE TO THE OWNER. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK. NO STRUCTURAL MEMBERS SHALL BE CUT, NOTCHED OR OTHERWISE PENETRATED UNLESS SPECIFICALLY APPROVED BY THE SEOR

WHERE THE DRAWINGS, INCLUDING THESE GENERAL NOTES AND THE TYPICAL DETAILS, ARE IN CONFLICT WITH THE SPECIFICATIONS, THE DRAWINGS, INCLUDING THESE GENERAL NOTES AND THE TYPICAL DETAILS, SHALL GOVERN. PROVIDE OPENINGS, CURBS, BLOCKING, FRAMING AND/OR SUPPORTS FOR ITEMS INDICATED ON ARCHITECTURAL, MECHANICAL ELECTRICAL. OTHER DRAWINGS OR SPECIFICATIONS INCLUDED IN CONSTRUCTION DOCUMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS AND OTHER INFORMATION NOT SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS PROVIDE INSPECTIONS. TESTS, AND REPORTS IN ACCORDANCE WITH THE 2022 CBC, ESPECIALLY CHAPTER 17A, AND CCR TITLE 24. PART 1. CHAPTER 4. GROUP 1.

IN ADVANCE OR SHOWN ON THESE DRAWINGS, TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

ALL REQUIRED INSPECTIONS AND TESTS ARE THE RESPONSIBILITY OF THE OWNER. THE SEOR AND SPECIAL INSPECTORS OR TESTING AGENCY SHALL PROVIDE INSPECTION AND TEST REPORTS AND OTHER REQUIRED DOCUMENTATION TO THE OWNER, ARCHITECT, STRUCTURAL ENGINEER OF RECORD PER CBC SECTIONS 1703,7.2 AND 1704.1.2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION OR TESTING. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CBC SECTION 1706.1. CONTRACTOR SHALL INSURE ALL MECHANICAL AND ELECTRICAL EQUIPMENT HAS SEISMIC CERTIFICATION PER CBC SECTION 1708.5 TO ACCOMMODATE THE DESIGN LOADS NOTED ON THESE DRAWINGS.

DIMENSIONS AND ELEVATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED AS AN AID IN INTERPRETING THE DRAWINGS ONLY. DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH ARCHITECTURAL DRAWINGS, ORIGINAL DRAWINGS AND EXISTING CONDITIONS. IN THE EVENT OF CONFLICT, DIMENSIONS AND ELEVATIONS SHOWN ON ARCHITECTURAL DRAWINGS SHALL GOVERN. DRAWING SCALES GIVEN ARE APPROXIMATE - DO NOT SCALE PLANS OR DETAILS. ALL BOLTS EMBEDDED IN CONCRETE SHALL BE HEADED UON. PROVIDE ASTM A307 TYPE A OR C (INCLUDING SUPPLEMENTARY REQUIREMENT S1) OR ASTM F1554 (WELDABLE GRADE 55 w/ SUPPLEMENTARY REQUIREMENT S1, UON), UNLESS NOTED OTHERWISE ON DRAWINGS. ALL BOLTS SHALL HAVE FULL DIAMETER

### **EQUIPMENT ANCHORAGE NOTES:**

1.ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE ANCHORED OR BRACED TO MEET THE HORIZONTAL AND VERTICAL FORCES PRESCRIBED IN THE 2022 CBC, SECTION 1614A.1.13 AND ASCE 7-10 SECTIONS 13.3, 13.4 & 13.6. THE ATTACHMENT OF THE FOLLOWING ITEMS SHALL BE DESIGNED BY THE CONTRACTOR'S CIVIL OR STRUCTURAL ENGINEER TO RESIST THE FORCES PRESCRIBED ABOVE, BUT NEED NOT TO BE DETAILED ON THE PLANS:

EQUIPMENT WEIGHING LESS THAN 400 POUNDS SUPPORTED DIRECTLY ON THE FLOOR OR ROOF. FURNITURE REQUIRED TO BE ATTACHED IN ACCORDANCE WITH PART 2, TITLE 24.C.C.R.

TEMPORARY OR MOVABLE EQUIPMENT EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS.

EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS. THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL/ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE

# **REINFORCING STEEL NOTES:**

BOARD

CEILING

BLK'G

C.B.C.

CLG.

C.B.

O.C.

CONC

CONT

F.O.S.

FIN.

F.C.B.

FTG.

GLB

HGR.

HDR..

HORIZ.

H.D.G.

ICBO

**BLOCK OR BLOCKING** 

BLOCK OR BLOCKING

CALIFORNIA BUILDING CODE

BOUNDRY NAILING

CEILING BEAM

ON CENTER

COLUMN

CONCRETI

CONTINUOUS

DEAD LOAD

DIAMETER

EXISTING

EXTERIOR

FLOOF

FOOTING

**GYPSUN** 

HEM FIR

HANGE

**HEADER** 

HOLDOWN

INTERIOR

LAG SCREW

LIVE LOAD

JOIST

HORIZONTAL

HOT DIPPED GALVANIZED

LAMINATED VENEER LUMBER

INTERNATIONAL CONF

OF BLDG. OFFICIALS

DOUGLAS FIF

DOUBLE STUD

**EDGE NAILING** 

FACE OF STUD

FIELD NAILING

FACE OF CONCRET

FLAT HEAD WOOD SCREV

FLUSH CEILING BEAM

GLUED, PRESSURE

LAMINATED BEAM

CENTER TO CENTER

BARS FOR REINFORCING SHALL BE GRADE 60 DEFORMED BARS CONFORMING TO ASTM A615 INCLUDING SUPPLEMENT S1. WHERE REINFORCING STEEL IS SHOWN TO BE WELDED, BARS SHALL CONFORM TO ASTN 706. LAP SPLICES SHALL CLASS B U.N.O. IN ACCORDANCE WITH ACI 318-14. STANDARD HOOKS SHALL BE IN **ACCORDANCE WITH ACI 318-19.** 

O.H.

P.A.

P.E.N.

PLF

P.S.I.

PSL

P.T.D.F

S.W.S

SPECS

THD.

T.O.BM.

T&G

T&B

U.B.C.

KICK BRACE

MST ABOVE

MAXIMUM

MINIMUN

METAL

NEW

MACHINE BOL'

NOT TO SCALE

OPPOSITE HANI

POST ABOVE

PLATE

**PLYWOOD** 

PLYWOOD

PLYWOOD EDGE NAILING

POUNDS PER SQ. INCH

POUNDS PER SQ. FOOT

PRESSURE TREATED

PRESSURE TREATED

DOUGLAS FIR

SHEATHING

STANDARD

STEEL

SQUARE

THREAD

**SPECIFICATIONS** 

TOP OF BEAM., ETC.

**TONGUE & GROOVE** 

UNIFORM BUILDING

UNLESS OTHERWISE

TOP & BOTTOM

TOTAL LOAD

UNLESS NOTED

**OTHERWISE** 

NOTED

VERTICAL

WITH

**TYPICAL** 

CODE

POUNDS PER LINEAL FOOT

PARALLAM STRAND LUMBER

DEFORMED REINFORCING BAR

SHEAR WALL SCHEDULE

SEE ARCHITECTURAL DRAWINGS

ON CENTER **OUTSIDE FACE** 

**MANUFACTURER** 

KING POST OR KICKER POST

#### FOUNDATION/CONCRETE NOTES:

1.FOUNDATION CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI(DESIGNED FOR 2500 PSI). UNLESS SPECIFIED OTHERWISE. REINFORCING STEEL SHALL BE DEFORMED BARS OF BILLET OR AXLE STEEL PER ASTM A615 GRADE 40. FOR #5 AND BIGGER BARS, GRADE 60 SHALL BE USED. REBAR, DOWELS AND OTHER EMBEDDED ELEMENTS SHALL BE SECURED IN PLACE BEFORE POURING CONCRETE. REINFORCEMENT SHALL BE CLEAN AND FREE OF EXTRANEOUS MATERIAL. ALL BUILDINGS SHALL BE GRADED SO AS TO PROVIDE 5% POSITIVE DRAINAGE AWAY FROM THE HOUSE.

2.HOLDOWN LOCATIONS SHALL NOT BE SCALED OFF OF FOUNDATION PLANS. THEY SHALL BE LOCATED BY CLOSE EVALUATION OF ARCHITECTURAL FLOOR PLANS, SHEARWALL PLANS, AND THE FRAMING PLANS, FOR ALL HOLDOWN INSTALLATIONS, CONTRACTOR SHALL REFER TO MANUFACTURER'S SPECIFICATIONS FOR EMBEDMENT, COVERAGE AND OTHER REQUIREMENTS.

3.ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2022CBC (CALIFORNIA BUILDING CODE, CCR TITLE 24, PART 2) AND ACI STANDARD 318, OF THE AMERICAN CONCRETE INSTITUTE, UNLESS SHOWN OR NOTED OTHERWISE ON THESE DRAWINGS. AGGREGATE SHALL CONFORM TO ASTM C33, UON. USE 1" MAXIMUM AGGREGATE, UON. ALSO SEE ACI 318 SECTION 3.3 AND CBC SECTION 1903A.3 FOR ADDITIONAL REQUIREMENTS. CEMENT SHALL BE ASTM C150, TYPE I OR TYPE II, UON. SEE ALSO REQUIREMENTS OF CBC SECTION 1903A.5. TEST CEMENTIOUS MATERIAL PER CBC SECTION 1916A.1 IF MANUFACTURER CERTIFICATION IS NOT AVAILABLE, REINFORCING STEEL SHALL BE DEFORMED CONFORMING TO ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SEE ALSO REQUIREMENTS OF CBC SECTION 1903A.4. WHEREVER POSSIBLE CLEAR DISTANCE BETWEEN PARALLEL REINFORCEMENT SHALL NOT BE LESS THAN 2 TIMES THE NOMINAL DIAMETER OF THE REINFORCEMENT. OR 1-1/3 TIMES MAXIMUM SIZE AGGREGATE. NOR LESS THAN 1-1/2". WHERE REINFORCING IS TO BE WELDED, OR IN CONCRETE FRAMES OR SHEARWALLS, UTILIZE ASTM A706 DEFORMED REINFORCEMENT. TEST REINFORCING PER CBC SECTION 1916A.2. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185. WELDING OF REINFORCING STEEL SHALL BE PERFORMED ONLY WHERE INDICATED ON THE DRAWINGS AND SHALL BE IN COMPLIANCE WITH ALL REQUIREMENTS OF THE CBC AND THE STRUCTURAL WELDING CODE - REINFORCING STEEL, AWS D1.4, OF THE AMERICAN WELDING SOCIETY. PROVIDE WELDING PROCEDURE AND MILL TEST REPORTS FOR ALL REINFORCEMENT TO BE WELDED. REINFORCING WITH C.E. ABOVE 0.75 SHALL NOT BE WELDED. OWNER'S TESTING LABORATORY SHALL APPROVE WELDING PROCEDURE, WELDER QUALIFICATIONS AND MILL TEST REPORTS PRIOR TO EXECUTION OF WELDING. PROVIDE INSPECTION PER CBC CHAPTER 17A AND AWS D1.4. SEE ESPECIALLY CBC SECTION 1704A.4.2. SEE CBC SECTION 1903A.4 FOR ADDITIONAL REQUIREMENTS. COVERAGE FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CBC AND ACI STANDARD 318 UNLESS SHOWN OTHERWISE ON THE DRAWINGS. LAP SPLICES FOR REINFORCING BARS SHALL BE PER THE REINFORCING LAP SPLICE SCHEDULE ON THESE DRAWINGS OR 24" MINIMUM UNLESS SHOWN OTHERWISE ON THE DRAWINGS. WIRE BARS TOGETHER AT LAPS OR SPLICES. STAGGER LAPS IN ADJACENT HORIZONTAL OR SLOPING REINFORCING BARS A MINIMUM OF THE REQUIRED SPLICE LENGTH. HOOKS AND BENDS SHALL BE ACI STANDARD HOOKS AND BENDS PER CBC SECTION 1907A UNLESS SHOWN OTHERWISE. WELDED WIRE FABRIC SHALL BE SPLICED BY LAPPING A MINIMUM OF 12 INCHES OR TWO CROSS WIRES. WHICHEVER IS GREATER, CONCRETE SHALL BE PLACED IN ACCORDANCE WITH CBC, ACI 318, ASTM C94 AND ACI STANDARD 304, NO WATER SHALL BE ADDED TO CONCRETE AFTER INITIAL BATCHING. COMPLY ESPECIALLY WITH THE REQUIREMENTS OF CBC SECTION 1905A AND ACI SECTIONS 5.7 THRU 5.13. ALL EMBEDDED ITEMS SHALL BE PLACED ACCURATELY AND SECURED PRIOR TO BEGINNING CONCRETE PLACEMENT. INSERTING EMBEDDED ITEMS INTO CONCRETE AFTER PLACEMENT IS NOT ALLOWED. CONSTRUCTION JOINTS SHALL BE LOCATED SO AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE. CONSTRUCTION JOINTS SHALL COMPLY WITH CBC SECTION 1906A.4. REINFORCING AND EMBEDMENT ITEMS SHALL BE FREE OF EXCESSIVE SCALE OR RUST, DIRT, GREASE, OIL, ICE OR ANY OTHER SUBSTANCE THAT WILL IMPAIR BOND WITH CONCRETE, ALL CONCRETE WORK SHALL BE FORMED. CASTING OF FOUNDATION CONCRETE AGAINST SIDES OF FOOTING EXCAVATIONS SHALL NOT BE ALLOWED EXCEPT WHERE FOOTING DIMENSION IS INCREASED 1" ON ALL SIDES AND DSA FIELD ENGINEER APPROVAL IS OBTAINED. DRILLED IN CONCRETE EXPANSION BOLTS SHALL BE "KWIK-BOLT-TZ" BY HILTI, INC., PER ICC APPROVAL NO. ESR-1917, OR APPROVED EQUIVALENT. USE EXPANSION AND EPOXY ANCHORS ONLY WHERE SHOWN ON THE DRAWINGS OR APPROVED IN ADVANCE BY THE STRUCTURAL ENGINEER.

4. THE FOLLOWING MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL AND FACE OF CONCRETE SHALL BE MAINTAINED UNLESS NOTED OTHERWISE

POURED AGAINST FORMS 2" POURED AGAINST EARTH 3"

PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT SHALL NOT BE EMBEDDED THEREIN. PIPES OF DUCTS EXCEEDING ONE-THIRD. THE SLAB OR FOOTING THICKNESS SHALL BE PLACE IN THE STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAINED. DOWELS, ANCHOR BOLTS AND OTHER EMBEDDED ITEMS ARE TO BE SECURED IN PLACE BEFORE CONCRETE IS POURED.

## WOOD NOTES:

1.ALL WOOD CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC), ESPECIALLY CHAPTERS 17A AND 23, AND THE 2018 NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION BY OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST REVISIONS. WOOD MEMBERS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT TIME OF INSTALLATION. ALL 4x AND LARGER MEMBERS SHALL BE FREE OF HEART CENTER. DOUGLAS FIR SOUTH IS NOT ALLOWED. EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW THE GRADES INDICATED. GRADES REPLACED WITH A MINIMUM OF (2)16D AT 16" O.C. FOR THE FOLLOWING CONDITIONS: SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

ALL FRAMING EXCEPT AS NOTED -----NO. 2 (ALL FIRST FLOOR POSTS TO BE NO.1)

2.ALL PLYWOOD SHOWN ON THESE DRAWINGS SHALL BE C-D STRUCTURAL I WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-95 (DOC PS 1). ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH A PANEL SPAN RATING IN NAILING MUST BE PROVIDED AT TWO FOLLOWING LOCATIONS: ACCORDANCE WITH CBC TABLE NO. 2304.7(3). USE 4'x8' PANELS, MINIMUM, EXCEPT AT BOUNDARIES AND FRAMING CHANGES WHERE ALONG THE RIM JOIST OR BLOCKINGS AT THE FLOOR THICKNESS THE MINIMUM PANEL DIMENSION SHALL BE 24" FOR ROOFS UNLESS PANEL IS SUPPORTED AT ALL FOUR SIDES BY FRAMING OR BLOCKING. MINIMUM PANEL DIMENSION SHALL BE 12" FOR PANELS SUPPORTED ON ALL SIDES. ALL MEMBERS CLOSER THAN 8" TO EXPOSED SOIL (U.O.N.), SILL PLATES AND ALL OTHER MEMBERS IN CONTACT WITH CONCRETE OR MASONRY OR EXPOSED TO THE WEATHER SHALL BE PPT, U.O.N. PPT MEMBERS SHALL BE PRESSURE PRESERVATIVE TREATED DOUGLAS FIR-LARCH. PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE PER THE REQUIREMENTS OF 2022 CBC CHAPTER 23, ESPECIALLY SECTIONS 2303.1.8 AND 2304.11, AND THE AWPA (AWPA UI-04 PER CBC STANDARDS, CHAPTER 35) PROVIDE AWPA USE CATEGORY UC2 @ INTR LCTNS, UC3B @ EXTR ABV. GROUND, AND UC4C FOR GROUND CONTACT, UNLESS OTHERWISE NOTED. EXPOSED SURFACES RESULTING FROM FIELD CUTTING, BORING OR HANDLING SHALL BE FIELD TREATED IN ACCORDANCE WITH AWPA M-4. SEE ALSO REQUIREMENTS FOR 2X BLOCKINGS, JOISTS: 3D TOE NAILS SPACED OF MAXIMUM 8" ON CENTER. OF CBC SECTION 2304.11. WHERE WALLS OR PARTITIONS ARE SUPPORTED BY WOOD JOISTS: DOUBLE JOISTS UNDER PARTITIONS
FOR TJI OR SIMILAR BLOCKINGS OR JOISTS: 16D SINKERS AT 8" ON CENTER VERTICALLY APPLIED THROUGH PARALLEL TO JOISTS AND PROVIDE 2x JOIST DEPTH SOLID BLOCKING BETWEEN JOISTS UNDER PARTITIONS CROSSING JOISTS. PROVIDE 2x FULL DEPTH SOLID BLOCKING FOR ALL FRAMING MEMBERS AT ENDS. ALL SUPPORTS AND AS REQUIRED BY CBC SECTION 2308.8.5. BOLTS FOR TIMBER CONNECTIONS SHALL BE FULL DIAMETER BODY AND PER THE REQUIREMENTS OF ASTM A307, AT PERIMETER SHEARWALLS, THE BLOCK NAILING PRESCRIBED IN THE ABOVE SCHEDULE MAY BE OMITTED GRADE A AND ANSI/ASME STANDARD B18.2.1, UNLESS OTHERWISE NOTED.

3.BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE, CHAPTER 23 AND ANSI/AF&PA NDS-2015 2015NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION OF THE AMERICAN FOREST AND PAPER ASSOCIATION (NDS), AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH OF 45,000 PSI. BOLT HOLES SHALL BE 1/16 INCH NAILED TO THE RIM JOIST OR BLOCKINGS ABOVE. EDGE NAILING PER THE LOWER LEVEL SHEARWALL IS LARGER THAN BOLT DIAMETER. RETIGHTEN BOLTS BEFORE CLOSING IN WORK. LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1, THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE, CHAPTER 23, AND THE NDS. HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. PROVIDE FULL DIAMETER BODY, STEEL LAG SCREWS WITH MINIMUM BENDING YIELD STRENGTHS PER NDS PART 11 TABLES. PROVIDE MALLEABLE IRON WASHERS OR STANDARD CUT PLATE WASHERS UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON WOOD, UON. PROVIDE 1/4"x3"x3" WASHERS AT SILL PL ANCHOR BOLTS, TYPICAL.

4.WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1, THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE, ON BOTH SIDES OF 3X SHALL BE STAGGERED. CHAPTER 23, AND THE NDS. WOOD SCREWS SHALL BE STEEL, WITH MINIMUM BENDING YIELD STRENGTHS PER NDS PART 11 TABLES NAILS: 7/8 OF THE THREAD ROOT DIAMETER FOR THE THREADED PORTION OF THE SCREW. WOOD MEMBERS SHALL BE CUT OR NOTCHED BOX NAILS. MINIMUM NAIL DIAMETERS SHALL BE 0.131" FOR 8D NAILS AND 0.148" FOR 10D NAILS.

5.WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER. STRUCTURAL NAILING SHALL BE WITH COMMON STEEL WIRE NAILS PER ASTM F1667, ALL REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE. CHAPTER 23. ESPECIALLY SECTION 2303.6. AND THE NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CBC TABLE 2304.10.1. PROVIDE NAILS WITH MINIMUM BENDING YIELD STRENGTHS PER CBC SECTION 2303.6. EDGE OR END DISTANCES SHALL NOT BE LESS THAN ONE HALF OF THE REQUIRED PENETRATION, U.O.N. THE SPACING CENTER TO CENTER OF NAILS SHALL NOT BE LESS THAN THE REQUIRED PENETRATION, U.O.N. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. NAILS, BOLTS, LAG SCREWS, SCREWS, OTHER FASTENERS, CONNECTORS & ALL OTHER STEEL ITEMS EXPOSED TO MOISTURE. HIGH HUMIDITY. THE EXTERIOR OR IN PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE HOT DIP GALVANIZED PER ASTM A153, OR TYPE 304 OR 316 STAINLESS STEEL. PROVIDE

ELECTROGALVANIZED ELSEWHERE. SEE CBC SECTION 2304.10.1, FOR ADD'L. REQUIREMENTS. NAILING OF BLOCKING FOR FLOOR AND ROOF FRAMING MEMBERS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE

BLOCKING ENDS TO FRAMING - 4-10d TOENAILS (2 E.S.) OR

3-16d END NAILS EACH END. PLYWOOD ABOVE TO BLOCKING - PLYWOOD EDGE NAILS AND

BLOCKING TO STRUCTURE BELOW - 16d TOENAILS AT PLYWOOD EDGE NAIL SPACING (STAGGERED, 1/2 EACH SIDE).

PROVIDE CROSS BRIDGING. SOLID BRIDGING OR OTHER LATERAL SUPPORT FOR ALL FRAMING MEMBERS IN ACCORDANCE WITH THE REQUIREMENTS OF NDS AND CBC SECTION 2308.8.5. PROVIDE SHOP DRAWINGS FOR ALL PREFABRICATED JOIST MEMBERS AND GLUED-LAMINATED BEAMS TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. INFORMATION IN BOX INDICATES MODEL NUMBER OF CONNECTOR HARDWARE BY THE SIMPSON COMPANY, SAN LEANDRO, CALIFORNIA. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR MAXIMUM RATED LOADS. (PROVIDE SKEWED/SLOPED HANGERS AS REQ'D., TYP.) SEE ALSO CBC SECTIONS 1715A & 2303.5 FOR ADDITIONAL REQUIREMENTS FOR SUBSTITUTIONS. PROVIDE ICC EVALUATION REPORTS

6.GLUED-LAMINATED BEAMS (GLB) SHALL BE SP/SP 30F-E2. FABRICATE WITH WET-USE ADHESIVE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE, ESPECIALLY ANSI/AITC STANDARD A190.1 STRUCTURAL GLUED LAMINATED TIMBER. ASTM D3737 AND ASTM D2559. SEE ALSO CBC SECTION 2303.1.3. WRAP INDIVIDUALLY AND END SEAL. GLUED-LAMINATED BEAMS SHALL BE INDUSTRIAL APPEARANCE GRADE UNLESS NOTED OTHERWISE. PROVIDE ARCHITECTURAL APPEARANCE GRADE WHERE EXPOSED TO VIEW IN THE COMPLETED STRUCTURE. FABRICATOR SHALL PROVIDE AITC OR APA COMPLIANCE CERTIFICATE TO ARCHITECT AND DSA . ALL GLUE-LAMINATED TIMBER SHALL BE CONTINUOUSLY INSPECTED DURING FABRICATION IN ACCORDANCE WITH CBC SECTION 1704A.6. PRESSURE TREAT PER CBC SECTION 2304.11.3 WHERE EXPOSED TO MOISTURE, WEATHER OR HIGH HUMIDITY

EXCEPT WHERE MORE STRINGENT CONSTRUCTION IS SHOWN ON THE DRAWINGS, WOOD CONSTRUCTION SHALL COMPLY WITH CBC CHAPTER 23, SECTION 2308, CONVENTIONAL LIGHT FRAME CONSTRUCTION PROVISIONS, AS A MINIMUM.

7.WOOD INDICATED ON THE DRAWINGS TO BE PRESSURE PRESERVATIVE TREATED (PPT) SHALL BE TREATED IN ACCORDANCE WITH THE CBC AND AWPA STANDARDS UNLESS OTHERWISE NOTED. ALL CUTS, HOLES AND NOTCHES SHALL BE FIELD TREATED PER AWPA M4. ALL TREATED MEMBERS SHALL BE IDENTIFIED WITH CERTIFICATION STAMP OF AN APPROVED INDEPENDENT AGENCY ACCREDITED BY THE AMERICAN LUMBER STANDARDS COMMITTEE PER CBC SECTION 2303.1.8.1. FRAMING MEMBERS OR PLYWOOD SHEATHING SHALL BE DAPPED OR NOTCHED TO ACCOMMODATE TOP FLANGES OF JOIST OR BEAM HANGERS, SHEET METAL STRAPS AND OTHER CONNECTION HARDWARE SHOWN OR INDICATED ON THESE DRAWINGS. DAPS, CUTS OR NOTCHES SHALL BE MADE IN A NEAT MANNER AND SHALL BE THE MINIMUM SIZE AND DEPTH NECESSARY TO ALLOW MEMBERS TO FIT TIGHT. SHEATHING TO BE FLAT, AND BEAR ON SUPPORT MEMBERS AND AVOID UNSIGHTLY OR OTHERWISE UNACCEPTABLE UNDULATIONS IN SHEATHING.

8.PROVIDE SPECIAL INSPECTIONS FOR WOOD CONSTRUCTION AS REQUIRED BY CBC CHAPTER 17A, ESPECIALLY SECTION 1704A.6 (ALL FLOOR AND ROOF PLYWOOD SHEATHING SHALL BE INSPECTED AS REQUIRED FOR HIGH LOAD DIAPHRAGMS). ALSO PROVIDE

AR WALL SCI	HEDULE				(ALL FLOOR AND ROOF PLYWOOD SHEA' SPECIAL INSPECTION PER CBC SECTION			MS). ALSO PROVIDE	
MARK	SHEATING	NO. OF SIDES	EDGE	FIELD	PLATE	SHEAR		L ANCHORS	ALLOWABLE
	APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 32/16		NAIL	NAIL	NAIL	CLIP	2X MUDSILL	3X MUDSILL	SHEAR (plf)
$\wedge$	15/32" Sheathing, plywood								
A	siding except Group 5	Single	10d @ 6"	10d @ 12"	16d @ 3" O.C.	RBC @ 1'-11"	5/8" x 10" @ 4'-0"	5/8" x 12" @ 4'-0"	310
<u> </u>	Species								
$\overline{}$	15/32" Sheathing, plywood								
B	siding except Group 5	Single	10d @ 4"	10d @ 12"	16d @ 2" O.C.	RBC @ 1'-3"	5/8" x 10" @ 3'-2"	5/8" x 12" @ 4'-0"	460
	Species								
$\wedge$	15/32" Sheathing, plywood								
	siding except Group 5	Single	10d @ 3"	10d @ 12"	SDS25600 @ 0'-11"	RBC @ 0'-11"		5/8" x 12" @ 3'-1"	600
	Species								
$\wedge$	19/32" Sheathing, plywood								
	siding except Group 5	Single	10d @ 2"	10d @ 12"	SDS25600 @ 0'-7"	RBC @ 0'-8"		5/8" x 12" @ 2'-2"	870
$\overline{\mathbf{D}}$	Species								
$\wedge$	15/32" Sheathing, plywood								
	siding except Group 5	Double	10d @ 3"	10d @ 12"	SDS25600 @ 0'-5"	RBC @ 0'-5"		3/4" x 12" @ 2'-0"	1200
<b>2C</b>	Species								
$\wedge$	15/32" Sheathing, plywood								
<b>AA</b>	siding except Group 5	Double	10d @ 2"	10d @ 12"	SDS25600 @ 0'-4"	LTP4 @ 0'-4"		3/4" x 12" @ 1'-7"	1540
<b>2D</b>	Species								
NAILING  CONNECTION  1. JOIST TO SILL OR GIRDER TOENAIL 2. BRIDGING TO JOIST, TOENAIL EACH END. 3. 1" X 6" SUBFLR. OR LESS TO EA. JOISTS, FACE NAIL 4. WINDER THAN 1" X 6" SUBFLR. TO EA. JST. FACE NAIL 5. 2" SUBFLR. TO JOIST OF GIRDER BLIND AND FACE NAIL 6. SOLE PLATE TO JOIST OR BLD'G, FACE NAIL. 7. TOP PLATE TO STUD, END NAIL 8. STUD TO SOLE PLATE  ANAILING (U.N.O.) ON NAILING (U		2-8d 3-8d 2-16d 16d @ 16" O.C.	NAILING SCHEDULE: WOOD MEMBERS SHALL BE CONNECTED WITH NAILING INDICATED IN 2022 CBC TABLE 2304.10.1 UNLESS GREATER SIZES AND NUMBER OF NAILS ARE SHOWN OR NOTED ON DRAWINGS; NAILS EXPOSED TO WEATHER SHALL BE GALVANIZED; NAILS SHALL BE COMMON WIRE NAILS; HOLES FOR NAILS SHALL BE PROVIDED WHERE THE WOOD MEMBERS TEND TO SPLIT; SPLIT WOOD MEMBERS SHALL BE REPLACED AND REMOVED FROM JOB PROMPTLY. SHORT PLYWOOD NAILS FOR EQUIVALENT SHEAR VALUE MAY BE USED. SEE PLANS FOR NAIL SPACING. PLYWOOD WALL SHEATHING SHALL BE NAILED PER SHEAR WALL SCHEDULE AT SHEAR WALLS, AND AT A MINIMUM OF 8d AT 6 INCHES O.C. ALL OTHER EDGES.			PLYWOOD SHEATHING NOTES:  1. ALL NAILS SHALL BE COMMON NAILS OR HOT DIPPED GALVANIZED BOX NAILS 2. INDIVIDUAL PIECES OF PLYWOOD SHALL NOT BE LESS THAN 24" IN THE LEAST DIMENSION NOR LESS THAN 4'-0" SQ. TOTAL AREA. 3. ALL PLYWOOD MUST BE APA RATED. 4. PRE-DRILL HOLES WHERE PLYWOOD OR FRAMING TENDS TO SPLIT. 5. PROVIDE EDGE NAILING ALONG ALL JOISTS, RAFTERS, BEAMS, COLLECTORS AND BLOCKING OVER OR IN LINE WITH SHEAR WALLS. (2 - ROW'S REQUIRED AT EACH OF THESE LOCATIONS).			
9. DOUBLE STUDS, FACE NAIL. 16d @ 24" O.C. 10. DOUBLE TOP PLATES FACE NAIL 16D @ 16" O.C.		NOTE: WOOD IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. HOT DIPPED GALVANIZED			6. DO NOT OVER DRIVE NAILS INTO PLYWOOD SHEATHING, ANYMORE THAN TO PROVIDE THE NAIL HEAD FLUSH WITH THE PLYWOOD SURFACE.				

Species Species		
NAILING		
	NAILING (U.N.O.) ON PLANS	
JOIST TO SILL OR GIRDER TOENAIL	3-8d	
2. BRIDGING TO JOIST, TOENAIL EACH END.	2-8d	
3. 1" X 6" SUBFLR. OR LESS TO EA. JOISTS, FACE NAIL	2-8d	
4. WINDER THAN 1" X 6" SUBFLR. TO EA. JST. FACE NAIL	3-8d	
5. 2" SUBFLR. TO JOIST OF GIRDER BLIND AND FACE NAIL	2-16d	
6. SOLE PLATE TO JOIST OR BLD'G, FACE NAIL.	16d @ 16" O.C.	
7. TOP PLATE TO STUD, END NAIL	2-16d	
8. STUD TO SOLE PLATE	4-8d TOENAIL OR	
A DOUBLE CTURE FACE MAIL	2-16d, END NAIL	
9. DOUBLE STUDS, FACE NAIL.	16d @ 24" O.C.	
10. DOUBLE TOP PLATES, FACE NAIL 11. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	16D @ 16" O.C. 4-16d	
12. CEILING JOIST TO PLATE, TOENAIL.	3-8d	
13. CONTINUOUS HEADER TO STUD, TOENAIL	4-8d	
14. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL.	3-16d	
15. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d	
16. RAFTER TO TRUSSES TO PLATE, TOENAIL.	3-16d	
17. 1" X 8" SHEATHING OR LESS TO EA. BEARING., FACE NAIL.	2-8d	
18. WIDER THAN 1" X 8" SHEATHING TO EA. BEARING, FACE NAI		
19. BUILT-UP CORNER STUDS.	16d @ 24" O.C.	

NOTE: WOOD IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. HOT DIPPED GALVANIZED CONNECTORS AND FASTENERS SHALL BE USED IN ALL PRESSURE TREATED WOOD CONNECTIONS.

 WALL SHALL BE FRAMED WITH STUDS AT 16" O.C. OR PANELS ARE APPLIED WITH LONG DIMENSION ACROSS STUDS. 2. ALL FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL NOT BE LESS THAN A SINGLE

3-INCH NOMINAL MEMBER OR TWO 2-INCH NOMINAL MEMBERS FASTEND IN ACCORDANCE WITH SECTION 2306.1 TO

TRANSFER THE DESIGN SHEAR VALUE BETWEEN FRAMING MEMBERS. . WOOD STRUCTURAL PANEL JOINT AND SILL PLATE NAILING SHALL BE STAGGERED IN ALL CASES. 4. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 19/32" PLYWOOD WITH 8d AT 6" O.C. EDGES AND 12" O.C.

THE FIELD UNLESS OTHERWISE NOTED IN THE SHEAR WALL SCHEDULE

### **SHEARWALL NOTES:**

CONTRACTOR SHALL REVIEW ALL TYPICAL SHEARWALL CONNECTION DETAILS PRIOR TO START CONSTRUCTION. ALL SHEAR MATERIALS ON SHEARWALLS SHALL BE EXTENDED FROM HORIZONTAL DIAPHRAGM TO HORIZONTAL DIAPHRAGM. SILL NAILING IS THE FASTENING OF THE SILL (SOLE) PLATE THE AMERICAN FOREST & PAPER ASSOCIATION (AF&PA NDS-15, PER CBC STANDARDS-CHAPTER 35). STRUCTURAL FRAMING SHALL LOCATED AT THE BOTTOM OF THE SHEARWALL THROUGH THE HORIZONTAL DIAPHRAGM (FLOOR SHEATHING) BE DOUGLAS FIR - LARCH GRADED IN ACCORDANCE WITH PS 20, AMERICAN SOFTWOOD LUMBER STANDARD (DOC PS 20) AND WITH INTO THE FRAMING MEMBER BELOW. CARE MUST BE TAKEN TO ENSURE THE PENETRATION OF THESE THE WESTERN LUMBER GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 17 FASTENERS INTO THE BLOCKINGS, RIM JOISTS, BEAM OR CONCRETE SLAB BELOW. SILL NAILING DOES NOT APPLY WHEN SILL PLATE IS RESTING DIRECTLY OVER CONCRETE SURFACE. IN THIS CASE, ANCHOR BOLTS AS INDICATED ON THE FOUNDATION PLANS SHALL BE FOLLOWED. SILL NAILING MAY BE OMITTED AND

> AT ALL NON-SHEARWALLS AT PERIMETER SHEARWALLS WHERE THE SHEAR MATERIAL (PANEL) COVERING THE UPPER LEVEL SHEARWALL IS ONE-PIECE EXTENDED CONTINUOUSLY ACROSS THE FLOOR THICKNESS TO THE RIM JOIST (UPPER FLOOR CONDITION) OR THE MUD SILL (GROUND LEVEL CONDITION), IN THIS CASE, SHEARWALL EDGE PROVIDE A MINIMUM OF 3 WORKING DAYS NOTICE PRIOR TO REQUIRED

#### ALONG THE SILL PLATE OF THE UPPER LEVEL SHEARWALL BLOCK NAILING

**ROOF LIVE LOAD 20 PSF** 

SECTION 2304.10.5.1.

ALLOWABLE

ROOF DEAD LOAD 15 PSF

**CEILING LIVE LOAD 10 PSF** 

BLOCK NAILING IS THE FASTENING OF BLOCKINGS. THE RIM JOISTS OR THE BEAM LOCATED DIRECTLY BELOW THE SHEARWALI TO THE TOP PLATES OR BEAMS OF THE LOWER LEVEL. A35F CLIPS MAY REPLACE A35 CLIPS WITH THE EXCEPTION THAT IT IS NOT PERMITTED WHERE NAILS WOULD BE DRIVEN INTO LAMINATION OF LUMBER. ALL BLOCKINGS OTHER THAN THOSE LOCATED UNDERNEATH THE SHEARWALL SHALL BE HELD IN PLACE BY THE FOLLOWINGS:

THE BOTTOM CHORD. FOR TIMBERSTRAND OR SIMILAR VERTICAL-LAMINATED LUMBER A34 AT 16" IS RECOMMENDED.

AND REPLACED PER 3.B. ABOVE IF ALL THE THREE FOLLOWING CONDITIONS ARE MET: THE SHEARWALLS OF THE UPPER LEVEL IS STOCKED OVER THE LOWER LEVEL (VERTICALLY & HORIZONTALLY ALIGNED). THE SHEAR MATERIAL (PANEL) COVERING THE LOWER SHEARWALL IS ONE-PIECE EXTENDED UPWARD CONTINUOUSLY ACROSS THE TOP PLATES AND THE FLOOR THICKNESS AND EDGE PROVIDED ALONG THE UPPER TOP PLATE OF THE LOWER LEVEL SHEARWALL.

PANEL JOINTS VS. 3X FRAMING WHERE SHEAR MATERIAL IS APPLIED ON BOTH FACES OF A SHEARWALL AND NAIL SPACING IS CLOSER THAN

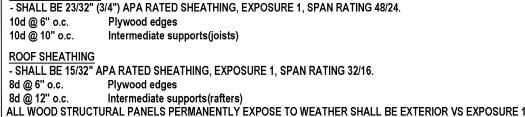
6" ON CENTER, ALL THE FOLLOWING REQUIREMENTS SHALL BE MET: USE 3X SILL AND 3X TOP PLATE WHEN THE HORIZONTAL SHEAR PANEL JOINTS OCCUR AT THE SILL AND THE THE VERTICAL SHEAR PANEL JOINTS OF OPPOSITE FACES SHALL BE OFFSET TO FALL ON DIFFERENT

FRAMING MEMBERS UNLESS SUCH FRAMING MEMBERS ARE 3X OR THICKER. WHEN 3X ARE USED, THE NAILS

AND CUT THREADS. LEAD HOLES FOR SCREWS SHALL BE 7/8 OF THE SHANK DIAMETER AT THE SHANK (UNTHREADED PORTION) AND ALL COMMON NAILS SPECIFIED IN THE ABOVE SCHEDULE MAY BE REPLACED WITH HOTDIPPED GALVANIZED

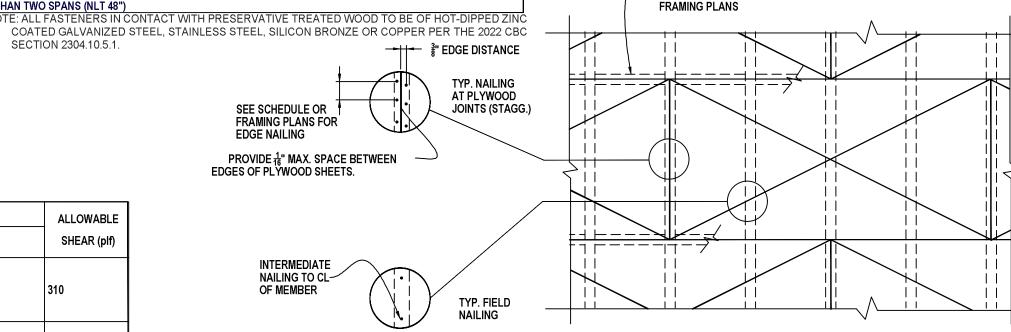
FLOOR FLOOR	LIVE LOAD 40 PSF DEAD LOAD 15 PSF ALCONIES LIVE LOAD 60 PSF			
	COLLECTOR CONNECTION		SCH	EDULE
MARK	SIMPSON HARDWARE	CAPACITY	DETAIL	NOTE
1				JOIST

	COLLECTOR CONNECTION		3011	ILDOLL
IARK	SIMPSON HARDWARE	CAPACITY	DETAIL	NOTES
1	`ST6236' STRAP	3845#		JOIST TO JOIST
2	`ST6236' STRAP	3845#		BEAM TO PLATE
3	`ST6236' STRAP	3845#		BEAM/JOIST TO PLATE/BEAM



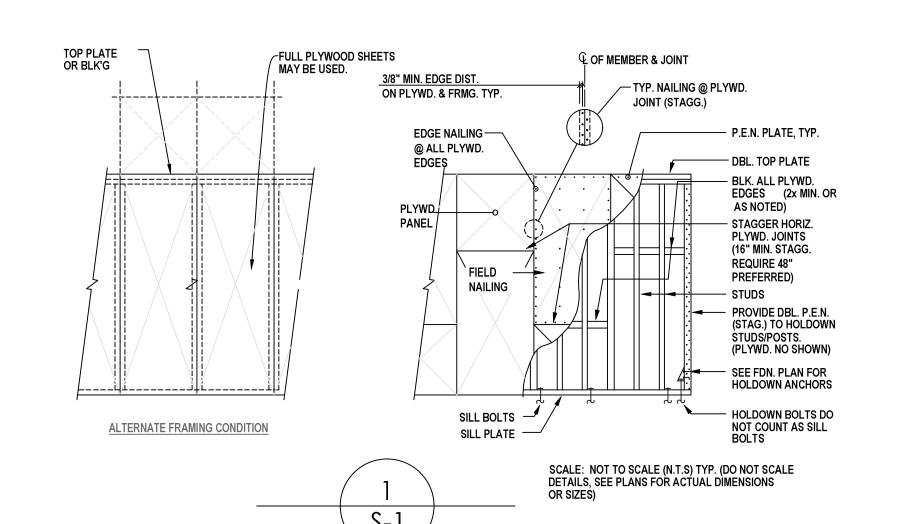
AS REFERENCED ABOVE. ALL UNBLOCKED ROOF AND FLOOR SHEATHING EDGES SHALL BE TONGUE-AND-GROOVE. AS AN ALTERNATIVE, UNBLOCKED ROOF SHEATHING MAYBE SUPPORTED WITH PLYWOOD CLEATS OR EDGE CLIPS. NOTE: BUILDER MAY INSTALL OPTIONAL ROOF SHEATHING OF 7/16" O.S.B. WITHOUT USING "H" CLIPS

(EDGE SUPPORT CLIPS) WHEN THE PANEL SPAN RATING MEETS OR EXCEEDS 24/16 AND THE PANELS ARE APPLIED STAGGERED AND PERPENDICULAR TO TRUSSES AND EACH PANEL COVERS NOT LESS THAN TWO SPANS (NLT 48") : ALL FASTENERS IN CONTACT WITH PRESERVATIVE TREATED WOOD TO BE OF HOT-DIPPED ZIN



BLOCK ALL EDGES AT ALL WALL

PLYWD. AND AS SPECIFIED ON



REQUIRED SPECIAL INSPECTIONS:

L-FORXY HOLDOWNS INSTALLATION

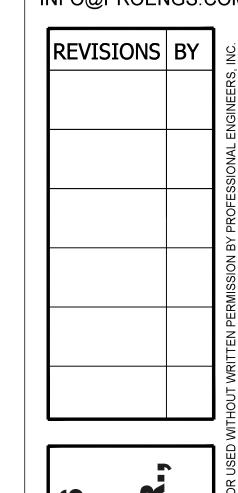
TIME OF VISIT.

R VERIFICATIONS OF ALL DIMENSIONS WIT CHITECTURAL PLANS AT THE JOBSIT

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-PLYWOOD SHEAR WALL SYSTEMS WITH NAIL SPACING OF 4" O.C. OR CLOSER.





12-12-2023