GENERAL REQUIREMENTS:

- 1. THE STRUCTURAL SYSTEMS AND MEMBERS DEPICTED HEREIN HAVE BEEN DESIGNED PRIMARILY TO SAFEGUARD AGAINST MAJOR STRUCTURAL DAMAGE AND LOSS OF LIFE, NOT TO LIMIT DAMAGE OR MAINTAIN FUNCTION (IBC SECTION 101.3).
- 2. THESE DRAWINGS, AND THEIR ASSOCIATED STRUCTURAL CALCULATIONS, HAVE BEEN PERFORMED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE STRUCTURAL ENGINEER'S IN THIS OR SIMILAR LOCALITIES. THEY NECESSARILY ASSUME THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKMEN WHO HAVE A WORKING KNOWLEDGE OF THE INTERNATIONAL BUILDING CODE CONVENTIONAL FRAMING REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR FRAMING ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, IT IS UNDERSTOOD THAT THE CONTRACTOR WILL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR ALL MISCELLANEOUS WORK NOT EXPLICITLY SHOWN
- 3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION SUCH THAT DESIGN LIVE LOAD PER SQUARE FOOT AS STATED HEREIN IS NOT EXCEEDED. OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS USED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, AND SHALL COORDINATE ALL DETAILS.
- WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS. THE GREATER REQUIREMENTS SHALL GOVERN. TYPICAL DETAILS AND NOTES ARE NOT NECESSARILY INDICATED ON THE PLANS, BUT SHALL APPLY NONE-THE-LESS, WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. DETAILS MAY SHOW ONLY ONE SIDE OF CONNECTION OR MAY OMIT INFORMATION FOR CLARITY.
- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL. MECHANICAL, PLUMBING AND ELECTRICAL WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH THE ARCHITECT AND STRUCTURAL ENGINEER.
- 6. ANY INSPECTIONS, SPECIAL (IBC CHAPTER 17) OR OTHERWISE THAT ARE REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS, OR BY THESE PLANS SHALL BE DONE BY AN INDEPENDENT INSPECTION COMPANY OR THE BUILDING DEPARTMENT, SITE VISITS BY THE STRUCTURAL ENGINEER DO NOT CONSTITUTE AN OFFICIAL INSPECTION, UNLESS SPECIFICALLY CONTRACTED FOR.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL ITEMS IN ADDITION TO ITEMS REQUIRED BY ARCHITECTURAL SPECIFICATIONS. THE CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMITTAL. ITEMS NOT IN ACCORDANCE WITH CONTRACT DRAWINGS SHALL BE FLAGGED UPON HIS REVIEW. VERIFY ALL DIMENSIONS WITH ARCHITECT. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS SHALL BE CLOUDED. ANY OF THE AFOREMENTIONED WHICH ARE NOT CLOUDED OR FLAGGED BY SUBMITTING PARTIES SHALL NOT BE CONSIDERED APPROVED AFTER THE STRUCTURAL ENGINEER'S REVIEW, UNLESS NOTED ACCORDINGLY. ANY ENGINEERING PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF A STRUCTURAL ENGINEER REGISTERED IN THE APPROPRIATE STATE. THE SHOP DRAWINGS DO NOT REPLACE THE ORIGINAL CONTRACT DRAWINGS. ITEMS OMITTED OR SHOWN INCORRECTLY AND ARE NOT FLAGGED BY THE STRUCTURAL ENGINEER ARE NOT TO BE CONSIDERED CHANGES TO ORIGINAL DRAWINGS. THE ADEQUACY OF ENGINEERING DESIGNS AND LAYOUT PERFORMED BY THE OTHERS RESTS WITH THE DESIGNING OR SUBMITTING AUTHORITY. REVIEWING IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS. RESPONSIBILITY FOR CORRECTNESS SHALL REST WITH THE CONTRACTOR. ALLOW (5) WORKING DAYS FOR THE STRUCTURAL ENGINEER'S REVIEW. ONE COPY OF EACH SUBMITTAL WILL BE RETAINED FOR THE STRUCTURAL ENGINEER'S RECORDS.

BASIS FOR DESIGN:

BUILDING CODE: 2018 EDITION OF THE IBC WITH CITY/COUNTY AMENDMENTS. RISK CATEGORY = II

2. VERTICAL LOADS:

LOCATION	LIVE / SNOW LOAD	DEAD LOAD
ROOF	GROUND = 120 PSF ROOF = 100 PSF	20 PSF
FLOOR (RESIDENTIAL)	40 PSF	20 PSF
FLOOR (HALLS AND GATHERINGS)	100 PSF	20 PSF
STAIRS	100 PSF	25 PSF
3. DEFLECTION LIMITS:		
ELEMENTS	LIVE LOAD	TOTAL LOAD
ROOF TRUSSES/JOISTS	L/360	L/240
FLOOR TRUSSES/JOISTS	L/720	L/240
BEAMS	L/360	L/240
4. SEISMIC DESIGN PARAME	TERO	

ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE
IMPORTANCE FACTOR	le = 1.00
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D
MAPPED SPECTRAL RESPONSE ACCELERATIONS	S ₁ = 0.152, S _S = 0.470
DESIGN SPECTRAL RESPONSE ACCELERATIONS	S _{D1} = 0.222, S _{DS} = 0.446
PERCENT SNOW INCLUDED WITH SEISMIC LOADS	35%
VERTICAL SHEAR TRANSFER ELEMENTS:	
PLYWOOD SHEARWALL(S)	R = 6.5, C _S = 0.069
5. WIND DESIGN PARAMETERS (STRENGTH)	1

ULTIMATE WIND SPEED	115 MPH (3 SECOND GUST)
WIND EXPOSURE	С
IMPORTANCE FACTOR	lw = 1.00
INTERNAL PRESSURE COEFFICIENT	-0.18
COMPONENT AND CLADDING PRESSURE	40 PSF
NET UPLIFT ON ROOF	20 PSF

FOUNDATION NOTES:

- 1. IN LIEU OF A GEOTECHNICAL REPORT: THE FOUNDATION HAS BEEN DESIGNED
- THE SOIL DESIGN VALUES LISTED BELOW HAVE BEEN APPROVED BY THE CITY/COUNTY BUILDING DEPARTMENT, CONTINGENT THAT THE SOIL ON THE SITE PREDOMINATELY CONSISTS OF SAND AND/OR GRAVEL.

SAND(SC), SILTY GRAVEL(GM), OR CLAYEY GRAVEL(GC), THESE SOIL

CONTRACTOR.

THE SOIL DESIGN VALUES FOR THE FOUNDATION ARE:

LOWABLE BEARING PRESSURE	1500 PSF
LOWABLE LATERAL BEARING PRESSURE	150 PSF/FT
LOWABLE LATERAL SLIDING COEFFICIENT	0.25
TERAL BACKFILL PRESSURE (UNRESTRAINED)	30 PSF/FT
TERAL BACKFILL PRESSURE (RESTRAINED)	50 PSF/FT
FOUNDATION BEARING DEPTH	

MAY BE COMBINED.

3

- ALL FOUNDATIONS SHALL BEAR ON COMPACTED ENGINEERED FILL OR COMPETENT NATIVE SOIL SUBBASE COMPACTED TO 95% DRY DENSITY (STANDARD PROCTOR). GRADE IS DEFINED AS LOWEST ADJACENT GRADE WITHIN 5 FEET OF THE BUILDING FOR PERIMETER FOOTINGS, WHERE EXTERIOR PAVING OR CONCRETE IS DIRECTLY ADJACENT TO BUILDING, GRADE IS DEFINED AS TOP OF EXTERIOR PAVING AT LEAST 5 FEET FROM BUILDING. CONCRETE FOOTING EXCAVATIONS SHALL BE CLEAN AND FREE OF LOOSE DEBRIS OR UN-COMPACTED MATERIAL AT TIME OF CONCRETE PLACEMENT.
- 5. CONCRETE SLABS ON GRADE SHALL BE SUPPORTED ON A 4 INCH (MIN) LAYER OF FREE-DRAINING GRANULAR MAT (DRAINAGE FILL COURSE). THE MAT SHOULD CONSIST OF A WELL GRADED SAND AND GRAVEL MIXTURE WITH MAXIMUM 3/4-INCH CRUSHED AGGREGATE. THE GRANULAR MAT SHOULD BE COMPACTED TO NO LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.
- BACKFILL AGAINST RESTRAINED WALLS SHALL NOT BE PLACED UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF INTERIOR FLOOR SYSTEMS AND CONCRETE OR GROUT STRENGTH HAS REACHED THE 28 DAY STRENGTH LISTED BELOW

REINFORCING STEEL:

- ASTM A615 GRADE 60 (FY = 60 KSI) DEFORMED BARS FOR ALL BARS #4 AND LARGER. ASTM A615 GRADE 40 (FY = 40 KSI) DEFORMED BARS FOR ALL BARS #3 AND SMALLER. GRADE 60 DEFORMED BARS SHALL BE USED FOR CONCRETE WALLS, BEAMS, ELEVATED SLABS AND COLUMN REINFORCING.
- WELDING OF REINFORCING BARS SHALL BE MADE ONLY TO ASTM A706 GRADE 60 BARS AND ONLY USING E90 SERIES RODS. WELDING OF REINFORCING BARS SHALL BE MADE ONLY AT LOCATIONS SHOWN ON PLANS OR DETAILS.
- REINFORCING BAR SPACING GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.

STEEL

- MATERIALS: ROLLED W SHAPES, SHALL CONFORM TO ASTM A992 (FY=50 KSI). ALL OTHER STRUCTURAL STEEL SHAPES, ROLLED SECTIONS, BARS AND PLATES SHALL CONFORM TO ASTM A36 (FY = 36 KSI). ALL PIPE STEEL SHALL BE ASTM A501 (FY = 36 KSI) OR ASTM A53, TYPE E OR S, GRADE B (FY = 35 KSI). ALL TUBULAR STEEL SHALL BE ASTM A500 GRADE C (FY = 50 KSI).
- ALL BOLTS AND STUDS SHALL BE ASTM A307, UNLESS NOTED OTHERWISE. ALL EXPANSION BOLTS TO HAVE CURRENT ICC REPORT RATING FOR MATERIAL INTO WHICH INSTALLATION TAKES PLACE. HEADED STUDS SHALL CONFORM TO ALL REQUIREMENTS OF THE LATEST EDITION OF THE "RECOMMENDED PRACTICES FOR STUD WELDING" AND THE "STRUCTURAL WELDING CODE" PUBLISHED BY AWS. ALL BOLTS, ANCHOR BOLTS, EXPANSION BOLTS, ETC. SHALL BE INSTALLED WITH STEEL WASHERS AT FACE OF WOOD OR AT SLOTTED HOLES IN STEEL SECTIONS.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE FABRICATED AND FRECTED IN ACCORDANCE WITH AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. LATEST EDITION.
- WELDING SHALL BE BY WELDERS HOLDING VALID CERTIFICATES AND HAVING 4. CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS OR NOTES. ALL WELDING SHALL USE E70 SERIES LOW HYDROGEN RODS UNLESS NOTED OTHERWISE ALL WELDING PER LATEST AMERICAN WELDING SOCIETY STANDARDS. ALL WELDS ON DRAWINGS ARE SHOWN AS SHOP WELDS. CONTRACTOR MAY SHOP WELD OR FIELD WELD AT HIS DISCRETION. ALL FULL PENETRATION WELDS SHALL BE TESTED AND CERTIFIED BY AN INDEPENDENT TESTING LABORATORY
- STEEL TO STEEL BOLTED CONNECTIONS: HIGH STRENGTH BOLTS SHALL BE ASTM A325N AND SHALL BE INSTALLED AS BEARING-TYPE CONNECTIONS WITH THREADS INCLUDED IN SHEAR PLANE (TYPE "N" CONNECTION UNLESS NOTED OTHERWISE). BOLTS MAY BE TIGHTENED USING ANY AISC APPROVED METHOD.
- 6. DRYPACK SHALL BE 5,000 PSI FIVE STAR NON-SHRINK GROUT OR EQUIVALENT. INSTALL DRYPACK UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED. AT COLUMNS, INSTALL DRYPACK UNDER BASE PLATES AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO FLOOR OR ROOF INSTALLATION

ACCORDING TO THE RECOMMENDATIONS OF CHAPTER 18 OF THE IBC.

- SPECIFIC SOIL CLASSIFICATIONS SHOULD BE ONE OF THE FOLLOWING: SANDY GRAVEL OR GRAVEL(GW OR GP), SAND(SW AND SP), SILTY SAND(SM), CLAYEY CLASSIFICATIONS CAN BE FOUND IN TABLE 1806.2 OF CHAPTER 18 OF THE IBC.
- VERIFICATION OF SOIL CLASSIFICATION IS THE RESPONSIBILITY OF THE

24" BELOW FINISHED GRADE

A ONE-THIRD INCREASE IN BEARING PRESSURES IS ALLOWED WITH SEISMIC OR WIND LOAD COMBINATIONS. LATERAL BEARING AND LATERAL SLIDING RESISTANCE

GENERAL STRUCTURAL NOTES

(APPLY UNLESS NOTED OTHERWISE ON PLANS/DETAILS)

CONCRETE:

1. MINIMUM 28 DAY CONCRETE STRENGTH SHALL BE AS FOLLOWS:

USE:	CONCRETE STRENGTH:	MAX W/C RATIO	AIR ENTRAINMENT
FOOTINGS	3500 PSI	0.50	5.5% ± 1%
FOUNDATION WALLS	4500 PSI	0.45	5.5% ± 1%
INTERIOR CONCRETE SLABS ON GRADE	3500 PSI	0.45	N/A
BEAMS, COLUMNS, ELEVATED SLABS, WALLS	4500 PSI	0.45	5.5% ± 1%

2. ALL NORMAL WEIGHT CONCRETE SHALL BE REGULAR WEIGHT OF 150 POUNDS PER CUBIC FOOT USING HARD-ROCK AGGREGATES. AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C33.

- LAP SPLICES FOR BEAMS AND FLOOR SLABS SHALL BE ACCORDING TO CHAPTER 12 OF ACI 318 OR LAP SCHEDULE ON THESE DRAWINGS.
- STAGGER SPLICES A MINIMUM OF ONE LAP LENGTH. NO TACK WELDING OF REINFORCING BARS ALLOWED WITHOUT PRIOR REVIEW OF PROCEDURE WITH THE STRUCTURAL ENGINEER. LATEST ACI CODE AND DETAILING MANUAL APPLY. PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES.
- ALL DIMENSIONS SHOWING THE LOCATION OF REINFORCING STEEL NOT NOTED AS "CLEAR" OR "CLR" ARE TO CENTER OF STEEL. MINIMUM COVER FOR NON-PRESTRESSED CONCRETE REINFORCING SHALL BE AS FOLLOWS:

LOCATION:	MINIMUM COVER	TOLERANCE
CAST AGAINST EARTH (FOOTINGS)	3"	± 3/8"
SLABS ON GRADE	1½"	± 1⁄4"
EXPOSED TO EARTH OR WEATHER - #5 AND SMALLER	1½"	± ³ ⁄8"
EXPOSED TO EARTH OR WEATHER - #6 AND LARGER	2"	± 3⁄8"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND ROOF SLAB	1"	1⁄8"
STRUCTURAL SLABS AND WALLS	3⁄4"	1⁄8"
BEAMS AND COLUMNS (PRIMARY) REINFORCEMENT, TIES, STIRRUPS AND SPIRALS	1½"	3⁄8"

5. MAXIMUM SLUMP FOR ALL CONCRETE SHALL BE 6". PORTLAND CEMENT SHALL CONFORM TO ASTM C150. TYPE V CEMENT SHALL BE USED FOR CONCRETE IN CONTACT WITH ALKALINE SOIL, AND TYPE II ELSEWHERE.

- NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY THE TESTING AGENCY.
- 7. CONCRETE PLACEMENT AND QUALITY SHALL BE PER RECOMMENDATIONS IN ACI 614, ACI 301 AND ACI 318. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THAT SLABS ON GRADE NEED BE VIBRATED ONLY AROUND AND UNDER FLOOR DUCTS, ETC. CAST CLOSURE POUR, WHERE SHOWN ON PLANS AROUND COLUMNS AFTER COLUMN DEAD LOAD IS APPLIED. REMOVE ALL DEBRIS FROM FORMS BEFORE PLACING CONCRETE.

ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING, DOWELS, BOLTS, ANCHORS, PIPES, SLEEVES, ETC., SHALL BE SECURELY POSITIONED IN THE FORMS BEFORE PLACING THE CONCRETE.

ALL CONCRETE SLABS ON GRADE SHALL BE DIVIDED INTO AREAS BY CONTROL JOINTS (KEYED OR SAW CUT) SUCH THAT ONE SLAB AREA DOES NOT EXCEED A MAXIMUM LENGTH OF 24 TIMES THE SLAB THICKNESS IN BOTH DIRECTIONS (EXAMPLE: 4" SLAB = 8'-0" LENGTH). SQUARE LAYOUTS ARE PREFERRED, BUT THE SLAB GEOMETRY MAY DICTATE OTHERWISE. THE RATIO OF THE LONG TO SHORT DISTANCE SHALL NOT EXCEED 1.3. IT IS RECOMMENDED THAT SAW CUTS BE MADE WITHIN 16 HOURS OF CONCRETE BATCHING.

KEYED CONTROL JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING POURING, ALL OTHER JOINTS MAY BE SAW CUT.

- 9. HORIZONTAL PIPES AND ELECTRICAL CONDUITS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE AND SLABS ON GRADE EXCEPT WHERE SPECIFICALLY APPROVED OR NOTED BY THE STRUCTURAL ENGINEER. PIPES AND CONDUITS SHALL NOT IMPAIR THE STRENGTH OF THE WORK.
- 10. FLY ASH MAY BE USED ONLY IF PERMITTED BY ARCHITECTURAL SPECIFICATIONS AND SHALL BE LIMITED TO 18 PERCENT OF CEMENTITIOUS MATERIALS AND SHALL HAVE A REPLACEMENT FACTOR OF 1.2 RELATIVE TO CEMENT REPLACED. NO FLY ASH ADDITIVES SHALL BE USED IN FLATWORK OR ARCHITECTURALLY EXPOSED CONCRETE.
- 11. COLD/HOT WEATHER CONCRETE CONSTRUCTION: PROTECT CONCRETE FROM DAMAGE OR REDUCED STRENGTH IN COMPLIANCE WITH ACI 305 AND 306.
- 12. CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.
- 13. LIMIT ALKALI-SILICA REACTION (ASR) TO 0.1% EXPANSION AT 28 DAYS IN CONCRETE MIX AT ALL EXTERIOR CONCRETE AND INTERIOR CONCRETE EXPOSED TO MOISTURE.

WOOD:

- GENERAL: DO NOT NOTCH OR DRILL JOISTS, BEAMS, OR LOAD BEARING STUDS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT. DOUBLE UP JOISTS AND BLOCKING UNDER PARTITIONS. PROVIDE 2" (NOMINAL) SOLID BLOCKING AT SUPPORTS OF ALL JOISTS. UNLESS NOTED OTHERWISE ON PLANS/DETAILS PROVIDE 2x SOLID BLOCKING AT MID-HEIGHT OF BEARING STUD WALLS. ALL NAILING NOT NOTED SHALL BE ACCORDING TO IBC TABLE 2304.10.1. JOIST HANGERS AND OTHER MISC. FRAMING ANCHORS SHALL BE SIMPSON STRONG-TIE COMPANY, INC. OR OTHER MANUFACTURER WITH CURRENT ICC-ES APPROVAL
- 2. SAWN LUMBER: FRAMING LUMBER SHALL COMPLY WITH THE LATEST EDITION OF THE GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION (WWPA) OR THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB). ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY. SAWN LUMBER SHALL HAVE THE FOLLOWING MINIMUM GRADE UNLESS NOTED OTHERWISE IN SCHEDULES:

USE:	MATERIAL:
2x4 STUDS	DOUGLAS-FIR NO. 2, MINIMUM (U.N.O.)
2x6 STUDS	DOUGLAS-FIR NO. 2, MINIMUM (U.N.O.)
JOISTS, TOP PLATES AND ALL OTHER SAWN LUMBER	DOUGLAS-FIR NO. 2, MINIMUM (U.N.O.)
BEAMS AND POSTS	DOUGLAS-FIR NO. 2, MINIMUM (U.N.O.)

BEAMS AND POSTS

PLYWOOD: ALL PLYWOOD SHALL BE C-D OR C-C SHEATHING CONFORMING TO 3 STANDARD PS 1-95. LAY UP PLYWOOD WITH FACE GRAIN IN PERPENDICULAR TO SUPPORTS (ON ROOFS WHERE PLYWOOD IS LAID UP WITH FACE GRAIN PARALLEL TO SUPPORTS, USE A MINIMUM OF 5-PLY PLYWOOD, STAGGER JOINTS). ALL NAILING, COMMON NAILS. BLOCKING AT PANEL EDGES WHERE INDICATED ON PLANS. ALL PLYWOOD SHALL BE OF THE FOLLOWING NOMINAL THICKNESS, SPAN/INDEX RATING AND SHALL BE NAILED AS FOLLOWS UNLESS NOTED OTHERWISE ON THE PLANS:

LOCATION:	NOMINAL THICKNESS:	SPAN INDEX RATING:	EDGE ATTACHMENT:	FIELD ATTACHMENT:
WALL	7∕ ₁₆ " OR ½"	²⁴ / ₁₆	8d AT 6" O.C.	8d AT 12" O.C.
ROOF	7/16" OR 1/2"	²⁴ /16	8d AT 6" O.C.	8d AT 12" O.C.
ROOF	¹⁵ / ₃₂ " OR ½"	³² / ₁₆	8d AT 6" O.C.	8d AT 12" O.C.
ROOF	¹⁹ ⁄ ₃₂ " OR ⁵ ⁄ ₈ "	⁴⁰ / ₂₀	10d AT 6" O.C.	10d AT 12" O.C.
ROOF	²³ ⁄ ₃₂ " OR ³ ⁄ ₄ "	⁴⁸ /24	10d AT 6" O.C.	10d AT 12" O.C.
ROOF	7⁄8"	⁶⁰ / ₃₂	10d AT 6" O.C.	10d AT 12" O.C.
FLOOR	³∕₄" T&G	48/24	10d AT 6" O.C. OR #8 SCREWS AT 6" O.C.	10d AT 6" O.C. OR #8 SCREWS AT 12" O.C.
FLOOR	7∕8" T&G	⁶⁰ / ₃₂	10d AT 6" O.C. OR #8 SCREWS AT 6" O.C.	10d AT 6" O.C. OR #8 SCREWS AT 12" O.C.
FLOOR	1½" T&G	⁶⁰ ⁄ ₄₈	10d AT 6" O.C. OR #8 SCREWS AT 6" O.C.	10d AT 6" O.C. OR #8 SCREWS AT 12" O.C.

LEAST 1//" INTO THE SUPPORTING MEMBER. ALL FLOOR SHEATHING SHALL BE GLUED TO SUPPORTING MEMBERS WITH AN APA AFG-01 QUALIFIED ADHESIVE.

PLYWOOD ALTERNATE: AMERICAN PLYWOOD ASSOCIATION PERFORMANCE RATED SHEATHING MAY BE USED AS AN ALTERNATE TO PLYWOOD WITH PRIOR APPROVAL OF OWNER, ARCHITECT AND ROOFER. IT MAY NOT BE USED ON ROOFS WHERE BUILT-UP ROOF SYSTEM IS TO BE GUARANTEED BY ROOFER. RATED SHEATHING SHALL COMPLY WITH CURRENT ICC-ES REPORTS AND SHALL HAVE A SPAN RATING EQUIVALENT TO OR BETTER THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN $\frac{1}{32}$ ") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

- NOMINAL 2x AND 3x DECKING. TONGUE AND GROOVE TYPE. MINIMUM Fb = 1,600 PSI, MINIMUM E = 1.300.000 PSI. INSTALL WITH TONGUES UP SLOPE ON PITCHED ROOFS. AND OUTWARD IN THE DIRECTION OF LAYING ON FLAT ROOFS. NAIL EACH PLANK WITH 16d TOENAIL (THRU THE TONGUE) AND 16d FACE NAIL AT EACH SUPPORT. DECK SHALL BE INSTALLED AS SIMPLE SPAN WITH ALL PLANKS BEARING ON TWO SUPPORTS. FOR REFERENCE AND/OR ADDITIONAL INFORMATION SEE AITC 117-2010.
- 5. GLUED-LAMINATED BEAMS (GLB): GLUED-LAMINATED BEAMS SHALL BE DOUGLAS FIR COMBINATION AT 24F-V4 AT SIMPLE SPAN BEAMS AND 24F-V8 AT MULTI-SPAN AND CANTILEVERED BEAMS WITH THE FOLLOWING MINIMUM PROPERTIES: FB = 2,400 PSI, FV = 190 PSI, FC (PERPENDICULAR) = 650 PSI, E =1,800 KSI. ALL BEAMS SHALL BE FABRICATED USING WATERPROOF GLUE. FABRICATION AND HANDLING PER LATEST AITC AND WCLA STANDARDS. BEAMS TO BEAR GRADE STAMP AND AITC STAMP AND CERTIFICATE. CAMBER AS SHOWN ON DRAWINGS. STANDARD CAMBER IS BASED ON A RADIUS OF CURVATURE OF 5000 FEET.
- GLUED-LAMINATED COLUMNS: GLUED-LAMINATED COLUMNS SHALL BE DOUGLAS FIR 6. COMBINATION 3 WITH THE FOLLOWING MINIMUM PROPERTIES: FBY = 2.100 PSI. FBX = 2000 PSI, FVY = 230 PSI, FVX = 265 PSI, FC (PERPENDICULAR) = 650 PSI, E =1,900 KSI. ALL COLUMNS SHALL BE FABRICATED USING WATERPROOF GLUE. FABRICATION AND HANDLING PER LATEST AITC AND WCLA STANDARDS. COLUMNS TO BEAR GRADE STAMP AND AITC STAMP AND CERTIFICATE.
- LAMINATED VENEER LUMBER (LVL): DESIGN, FABRICATION AND ERECTION IN ACCORDANCE WITH THE LATEST ICC-ES REPORT. MINIMUM PROPERTIES FOR LVLs SHALL BE: FB = 2,600 PSI, FV = 285 PSI, E = 2,000 KSI.
- 8. PARALLEL STRAND LUMBER (PSL): DESIGN, FABRICATION AND ERECTION IN ACCORDANCE WITH THE LATEST ICC-ES REPORT. MINIMUM PROPERTIES FOR PSLs SHALL BE: FB = 2,900 PSI, FV = 290 PSI, E = 2,200 KSI.
- 9. LAMINATED STRAND LUMBER (LSL): DESIGN, FABRICATION AND ERECTION IN ACCORDANCE WITH THE LATEST ICC-ES REPORT. MINIMUM PROPERTIES FOR LSLs SHALL BE: FB = 2,325 PSI, FV = 310 PSI, E = 1,550 KSI.
- 10. SILL PLATES RESTING ON CONCRETE OR MASONRY SHALL BE OF TREATED FIR. SHEAR WALLS AND EXTERIOR WALL SILLS AT CONCRETE SLAB SHALL HAVE A MINIMUM OF (2) ANCHOR BOLTS PER PIECE. PROVIDE ANCHOR BOLT AT 9" MAXIMUM. 4" MINIMUM FROM THE END OF EACH PIECE AT SPLICE OR END OF WALL. MAXIMUM ANCHOR BOLT SPACING SHALL BE 72" ON CENTER UNLESS NOTED OTHERWISE ON PLANS OR DETAILS. ALL ANCHOR BOLTS (OTHER THAN BOLTS FOR HOLDOWNS) SHALL EMBED 7" INTO CONCRETE. ANCHOR BOLTS FOR HOLDOWNS SHALL NOT BE CONSIDERED AS PART OF REQUIRED ANCHOR BOLTS ON SHEAR WALLS. ALL EXTERIOR WALLS SHALL BE SECURED WITH MINIMUM ANCHOR BOLTS, INTERIOR WALLS MAY BE SECURED TO CONCRETE WITH EITHER ANCHOR BOLTS OR POWER DRIVEN SHOT PINS UNLESS NOTED OTHERWISE ON PLANS.
- 11. BOLTING: ALL BOLTS IN WOOD CONNECTIONS SHALL CONFORM TO ASTM A307. BOLTS SHALL BE INSTALLED IN HOLES BORED WITH A BIT $\frac{1}{16}$ " LARGER THAN THE Ø (DIAMETER) OF THE BOLT. BOLTS AND NUTS SEATING ON WOOD SHALL HAVE CUT STEEL WASHERS UNDER HEADS AND NUTS. NICK THREADS TO PREVENT LOOSENING.
- 12. PREFABRICATED WOOD TRUSSES: PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED TO SUPPORT SELF WEIGHT PLUS LIVE LOAD AND SUPERIMPOSED DEAD LOADS. WHERE UNINHABITABLE ATTIC SPACE CAN BE USED FOR STORAGE, A 20 PSF LIVE LOAD ON THE BOTTOM CHORD SHALL BE INCLUDED IN THE ANALYSIS. BRIDGING SIZE AND SPACING BY TRUSS MANUFACTURER UNLESS NOTED OTHERWISE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER FOR REVIEW PRIOR TO MANUFACTURE FOR BOTH ROOF AND FLOOR TRUSSES WHEN USED.

SHOP DRAWINGS SHALL SHOW ANY SPECIAL DETAILS REQUIRED AT BEARING POINTS. ALL CONNECTORS SHALL HAVE CURRENT ICC-ES APPROVAL. ADDITIONAL TRUSSES SHALL BE SUPPLIED AS REQUIRED TO SUPPORT MECHANICAL EQUIPMENT. PER IBC SECTION 2303.4 AND TPI-1: EACH TRUSS SHALL BE LEGIBLY BRANDED. MARKED OR OTHERWISE HAVE PERMANENTLY AFFIXED THERETO THE IDENTITY OF THE COMPANY MANUFACTURING THE TRUSS. THE DESIGN LOADS, AND THE TRUSS SPACING - WITHIN TWO FEET OF THE CENTER OF THE SPAN ON THE FACE OF THE BOTTOM CHORD.

PREFABRICATED WOOD/STEEL WEB JOIST/PURLINS (TJI/TJL SERIES OR EQUAL): DESIGN, FABRICATION AND ERECTION IN ACCORDANCE WITH THE LATEST EDITION ICC-ES REPORT. CONNECTIONS AND BEARING MATERIAL TO BE DESIGNED AND FURNISHED BY JOIST FABRICATOR. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH DESIGN CALCULATIONS SEALED BY A REGISTERED STRUCTURAL ENGINEER FOR REVIEW PRIOR TO MANUFACTURE. ADDITIONAL JOISTS SHALL BE SUPPLIED AS REQUIRED TO SUPPORT MECHANICAL EQUIPMENT.

CTDIICTIIDAI	NOTES

DEFERRED SUBMITTAL ITEMS:

PREFABRICATED WOOD ROOF TRUSSES

SCREWS AT FLOOR SHEATHING SHALL BE #8 SCREWS AND SHALL PENETRATE AT

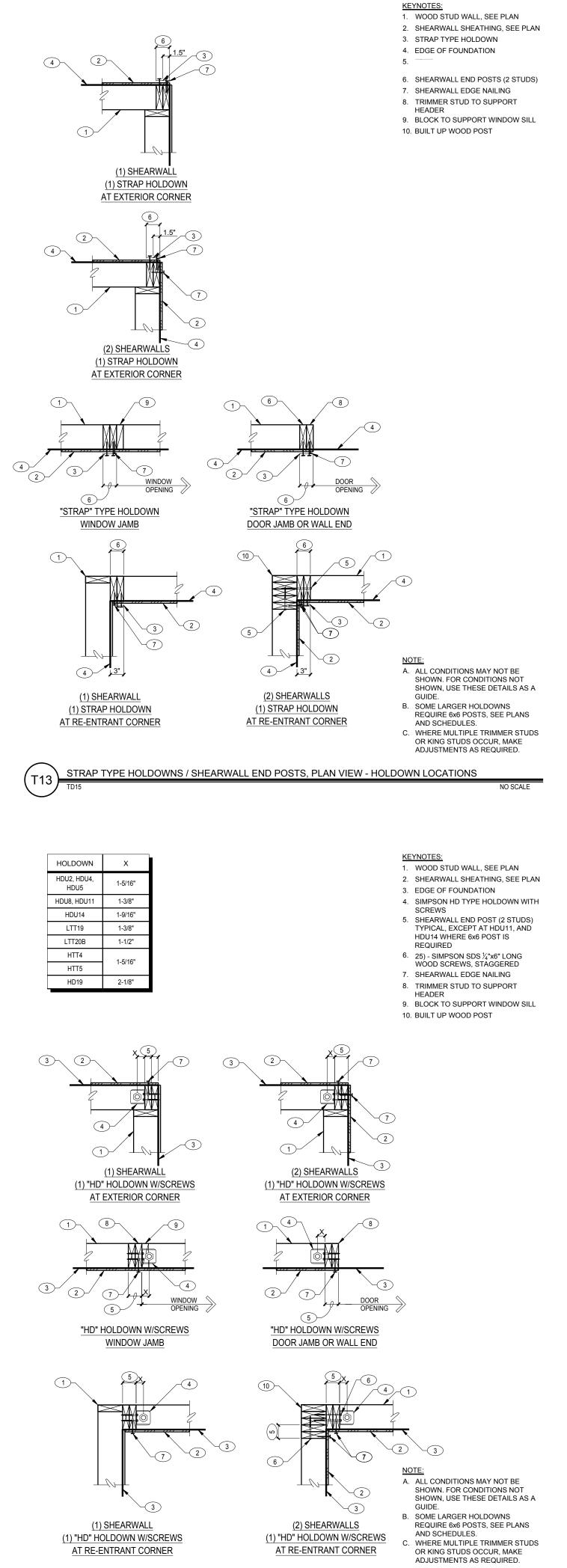
	ABBRE\	/IATIONS	
A.B.C. — — -		HORIZ — — —	- — HORIZONTAL
A/C — — -		K(KIP) — — —	- — 1000 POUNDS
A.F.F. — — -	— ABOVE FINISHED FLOOR	KS — — —	– — KING STUD
ALT — — -	— ALTERNATE	LL	— — LIVE LOAD
	- ANCHOR BOLT	LBS (#) — — —	
	— AT (MEASUREMENT)		— — LONG LEG HORIZONTAL
	— BEAM		— — LONG LEG VERTICAL
	- BELOW FINISHED FLOOR	MIN — — — –	-
	— BOTTOM OF BEAM	MAX — — — –	
	— BOTTOM OF DECK		- — MANUFACTURER('S)
	- BOTTOM OF FOOTING		MASONRY CONTROL JOINT
BRG — — -			— MECHANICAL
	- CAST IN PLACE		NOT TO SCALE
		0.C	
	- CENTERLINE OF BEAM		
	- CENTERLINE OF COLUMN	OPP	
	- CENTERLINE OF FOOTING		
	- CENTERLINE OF WALL		POUNDS PER LINEAR FOOT
CLR — — -			
			PREFAB FLOOR TRUSSES
			 PREFAB ROOF TRUSSES POUNDS PER SQUARE FOOT
	- CONCRETE SAWCUT JOINT - CONCRETE MASONRY UNIT		 POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
	- CONCRETE MASONRY UNIT		PRESSURE TREATED
	- CONTINUOUS		
	- DEAD LOAD		
2 OR DIA. — -			 – – SHORT LEG HORIZONTAL
	— DOWN	-	 — — SHORT LEG VERTICAL
	— DRAWING(S)	SIM	
	— EDGE OF SLAB		SQUARE
EQ — — -		STD	
	- EQUIPMENT		— — TOTAL LOAD
	- EXPANSION BOLT		TOP OF BEAM
	- EXPANSION JOINT	T.O.D	— — TOP OF DECK
	— EXISTING	T.O.F. — — –	— — TOP OF FOOTING
Ξ.W. — — -		T.O.L	— — TOP OF LEDGER
	- FINISHED FLOOR	Т.О.М.— — — –	— — TOP OF MASONRY
	- FACE OF MEMBER	Т.О.Р.— — — –	— — TOP OF PLATE
	- FACE OF STEEL	T.O.S.— — — –	— — TOP OF STEEL
	— FACE OF WALL	T.O.W	— — TOP OF WALL
	— GAUGE	TYP	
	— GALVANIZED	U.N.O	— — UNLESS NOTED OTHERWISE
GSN — — -	- GENERAL STRUCTURAL NOTES	VERT	
GLB — — -	- GLUED-LAMINATED BEAM	W.W.F. — — —	 — WELDED WIRE FABRIC
	- GIRDER TRUSS	W/	— — WITH

- INSIDE FACE OF WALL

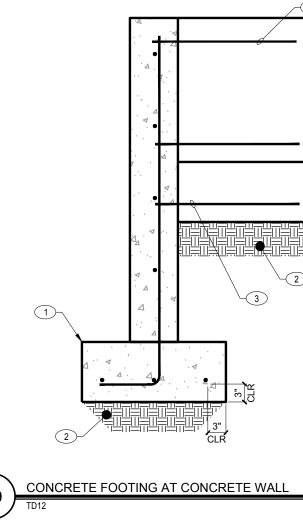
	SHEET INDEX	
SHEET	DESCRIPTION	DETAILS
S1.0	GENERAL STRUCTURAL NOTES	
S1.1	TYPICAL DETAILS	T-SERIES
S1.2	TYPICAL DETAILS	T-SERIES
S1.3	TYPICAL DETAILS	T-SERIES
S2.0	FOUNDATION PLAN	
S2.1	FIRST FLOOR FRAMING PLAN	
S2.2	SECOND FLOOR FRAMING PLAN	
S2.3	THIRD FLOOR FRAMING PLAN	
S2.4	ROOF FRAMING PLAN	
S3.0	FOUNDATION DETAILS	100 - SERIES
S4.0	FRAMING DETAILS	200 - SERIES

W/O - - - - WITHOUT

		PROJECT:		REV. DATE	BY DESCRIPTION	
	OJEC D OPE B NO.:	ELLSWORTH INN	This drawing is the property of KORE 4 Legally, the drawing can NOT he conied in whole or in nieces. It is only to he used			
1/24 GE	T MAN	623 SOUTH 4TH AVENUE	for the project and site specifically identified hereon and is not			
			to be used on any other project. Contractor shall carefully review all dimensions, details, and conditions and report at			
	DML		once any error, inconsistency or omission discovered before construction.	·		
	M G G		The contractor assumes full liability for deviations from the	<u></u>		
■ Idaho Falls, ID ■ Logan, UT ■	THE BANK	CLIENT: ARCH COMMUNITY HOUSING TRUST		· ·		
	P/1/24					



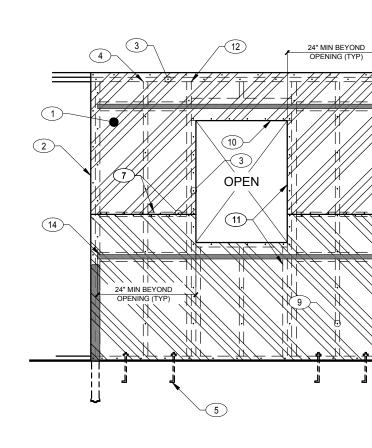
PLAN VIEW - HOLDOWN LOCATIONS/SHEARWALL END POSTS, "HD" TYPE HOLDOWNS USING SCREWS



	CLASS B TENSION SPLICE LENGTH				
BAR	fc = 3,000 PSI		f'c = 4,000 PSI		
SIZE	HORIZONTAL BARS W/ >12" OF CONC. BELOW	VERTICAL AND BOTTOM HORIZONTAL BARS	HORIZONTAL BARS W/ >12" OF CONC. BELOW	VERTICAL AND BOTTOM HORIZONTAL BARS	
#3	12"	12"	12"	12"	
#4	19"	15"	17"	13"	
#5	29"	23"	26"	20"	
#6	32"	25"	28"	21"	
#7	54"	41"	47"	36"	
#8	70"	54"	61"	47"	
#9	89"	68"	77"	59"	
#10	112"	87"	97"	75"	
	NOTEO				

NOTES 1. TOP BARS ARE ANY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT. 2. UNLESS NOTED OTHERWISE, LAP SPLICES IN CONCRETE BEAMS, SLABS AND WALLS SHALL BE CLASS "B" TENSION LAP SPLICES.







7			NO SCA
	RAMING OR ROOF OVER		_
	AMING OR ROOF OVER		_
MAXIMUM HORIZONTAL SPAN	JOIST	RIDGE/VALLEY/HIP FRAMING	
3'-6"	2x4	2x6	
5'-0"	2x6	2x8	
6'-6"	2x8	2x10	
	IMPLE CEILING FRAMIN	<u> </u>	
		G	_
MAXIMUM HORIZONTAL SPAN		CEILING JOIST	
6'-0"		2x4	
7'-0"		2x6	-
101.01		2x8	
10'-0"			

TYPICAL JOIST SCHEDULE FOR SIMPLE FRAMING



KEYNOTES: 1. CONCRETE FOOTING, SEE PLAN

NOTE:

A. FOR ITEMS SHOWN BUT NOT KEYNOTED, SEE FOUNDATION DETAILS B. WHERE NEW FOOTING TIES INTO

EXISTING FOOTING, DRILL AND EPOXY 24" LONG DOWELS INTO

NO SCALE

VERTICAL AND

BOTTOM

HORIZONTAL

12"

12"

18"

19"

32"

42"

53"

67"

NO SCALE

BARS

EXISTING, PROVIDE 4" MIN

f'c = 5,000 PSI

HORIZONTAL

BARS W/ >12" OF

CONC. BELOW

12"

15"

23"

25"

42"

54"

69"

87"

KEYNOTES:

1. SHEATHING MATERIAL

AT HOLDOWN U.N.O.)

2. SHEARWALL END POST (DBL STUD

3. EDGE NAILING AT ALL SHEATHING

5. ANCHOR BOLTS TO FOUNDATION

6. SIMPSON STRAP TYPE HOLDOWN,

NAILING REQUIRED AT PLYWOOD

9. FIELD NAILING AWAY FROM PANEL

11. TRIMMER STUD UNDER HEADER

AND SILL, PROVIDE ADDITIONAL TRIMMER STUDS WHERE INDICATED

12. FULL HEIGHT KING STUD, PROVIDE ADDITIONAL KING STUDS WHERE

INDICATED ON PLANS 13. 2x BLOCKING FOR STRAP NAILING 14. STRAP, PER PLAN, ABOVE AND BELOW OPENING AS SHOWN

DOUBLE STUD END POSTS

4. FULL HEIGHT WOOD STUDS

SHEARWALL SCHEDULE

SOLID BLOCKING AND EDGE

WHERE OCCURS

SHEET EDGES

EDGES

10. WOOD HEADER

ON PLANS

8. CONT 2x PT SOLE PLATE

PANEL EDGES - STAGGER NAILS AT

OR NAILS TO LOWER FRAMING PER

EMBEDMENT

- FOOTING, SEE PLAN
- REINFORCEMENT
- WALL REINFORCEMENT
- 2. COMPACTED SUB-GRADE BELOW
- 3. #4 DOWEL TO MATCH FOOTING 24"
- 4. #4 DOWEL TO LAP AND MATCH

- 24"

TYPICAL CONCRETE CORNER

KEYNOTES: 1. CORNER DOWELS TO MATCH HORIZONTAL REINFORCEMENT 2. CONCRETE WALL WITH REINFORCEMENT 3. LAP SPLICE PER TYPICAL STEEL REINFORCING LAP SPLICES IN CONCRETE DETAIL

NO SCALE

NO SCAL

<u>2</u>

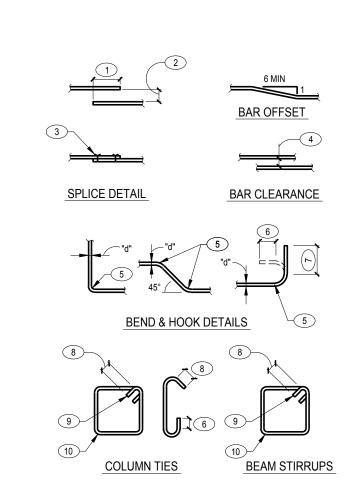
- KEYNOTES: 1. CONCRETE SLAB ON GRADE 2. CONT KEYED JOINT 3. SAWCUT ¹/₈" WIDE x ¹/₄ SLAB THICKNESS IN DEPTH - CUT SHALL BE MADE SOON ENOUGH TO PREVENT SHRINKAGE CRACKING, BUT NOT SO SOON AS TO CAUSE SPALLING OF THE CONCRETE WHILE SAWING. WORK MUST BE COMPLETE WITHIN 16 HOURS OF CONCRETE PLACEMENT. RR SAWCUT JOINT NOTE: A. KEYED JOINTS NEED ONLY OCCUR **KEYED JOINT** AT EXPOSED EDGES DURING PLACEMENT UNLESS SPECIFICALLY NOTED ON THE PLANS. B. "TOOL WET JOINT", "ZIP STRIP", ETC SHALL MATCH SAWCUT REQUIREMENTS CONTROL JOINTS IN CONCRETE SLAB ON GRADE Te KEYNOTES: 1. MINIMUM LAP PER PLAN (24" MIN) -TYPICAL 2. TOP OF WALL FOOTING 3. REGULAR FOOTING THICKNESS AS SHOWN ON PLAN OR FOOTING SCHEDULE <u>~(2)</u>

A. CONNECT FRAMING AT OVERBUILD AREAS PER TYPICAL DETAILS B. FRAMING NOT BEARING ON SUPPORT SHALL BE HUNG USING SIMPSON LU, U, LUP OR LSSU TYPE HANGERS DESIGNATED FOR THE JOIST SIZE AT SPANS LESS THAN 10'-0" SIMPSON A34 OR (4) 16d NAILS MAY BE USED, AT SPANS LESS THAN 5'-6", (3) 16d NAILS MAY BE

NO SCALE

T

USED



TYPICAL STEP IN CONCRETE FOOTING

<u>NOTE:</u> A. D = 2'-0" MAX

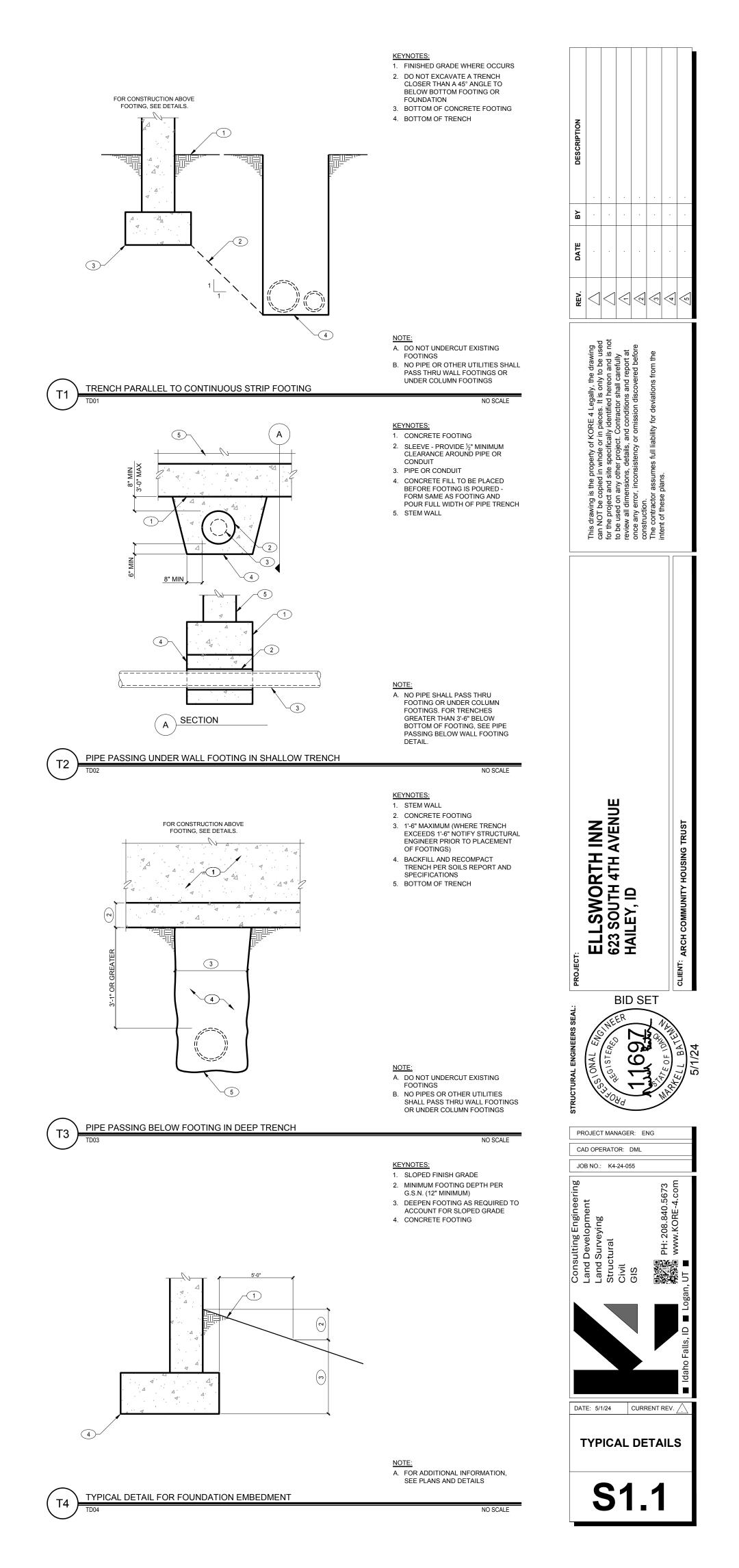
- KEYNOTES: 1. LAP - SEE G.S.N. FOR MASONRY
- AND TYPICAL DETAIL FOR CONCRETE 2. MAXIMUM 1/5 LAP BUT NOT MORE

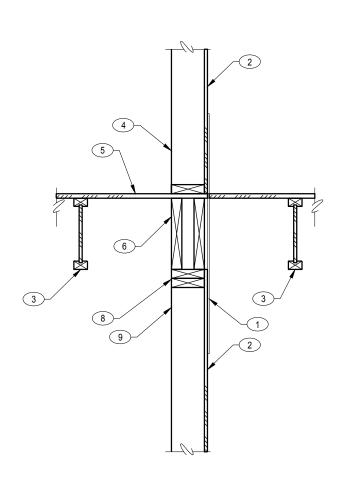
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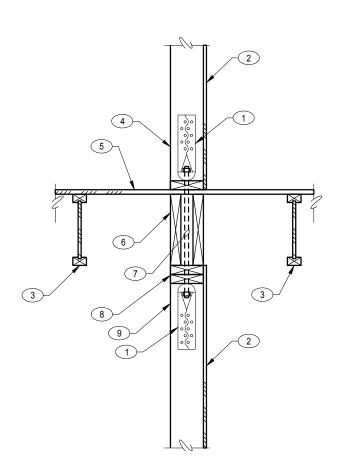
- THAN 6" 3. WIRE TIES
- 4. 1d (1" MINIMUM)
- 5. RADIUS = 3d FOR BARS NOT OVER #8; 4d FOR #9, #10, AND #11 BARS; 5d FOR #14 AND #18 BARS, 5d FOR ALL GRADE 40 BARS WITH 180 DEGREE HOOK
- 6. 4D (4" MINIMUM) 7. 12d (90 DEGREE HOOK)
- 8. 6d (4" MINIMUM)
- 9. 135 DEGREE BEND
- 10. BEND AROUND 1½" PIN FOR #3 BARS. BEND AROUND 2" PIN FOR #4 BARS. BEND AROUND 2½" PIN FOR #5 BARS.

TYPICAL REINFORCING DETAILS

NO SCAL

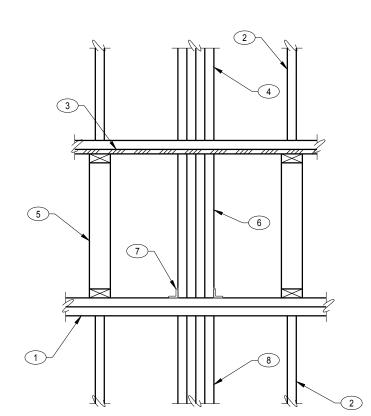


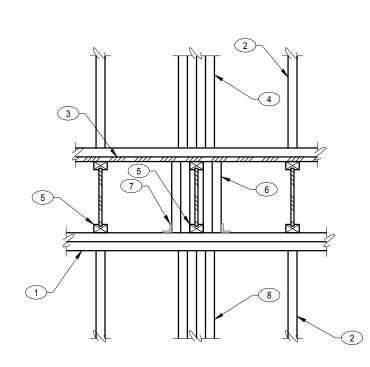


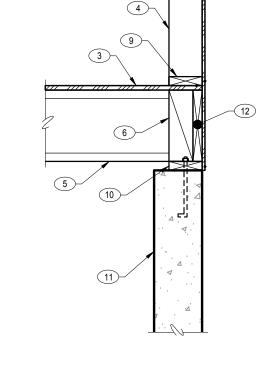


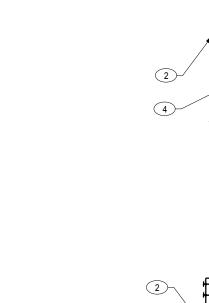
STRAP AND "HD" TYPE HOLDOWNS BETWEEN FLOORS

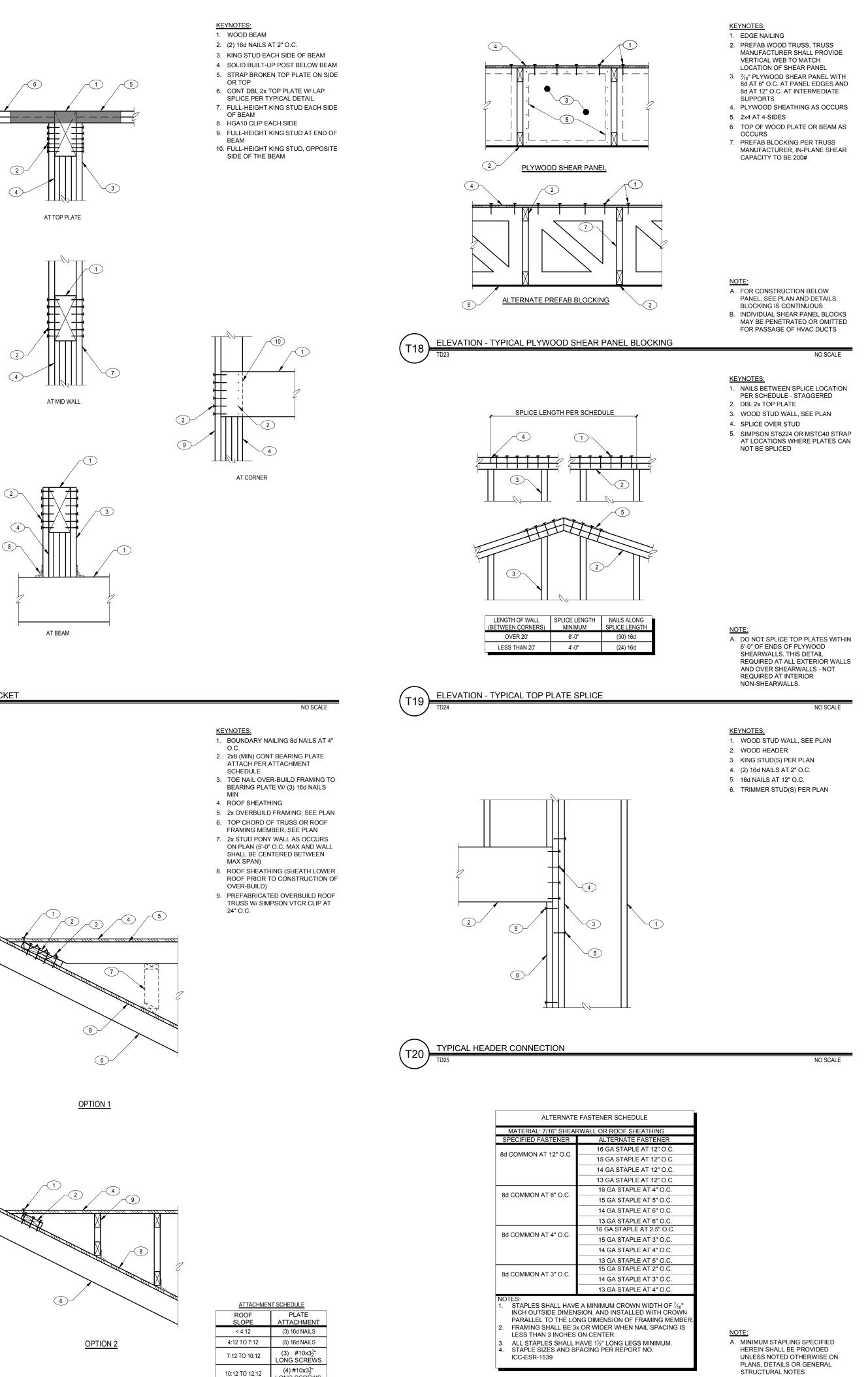
T24



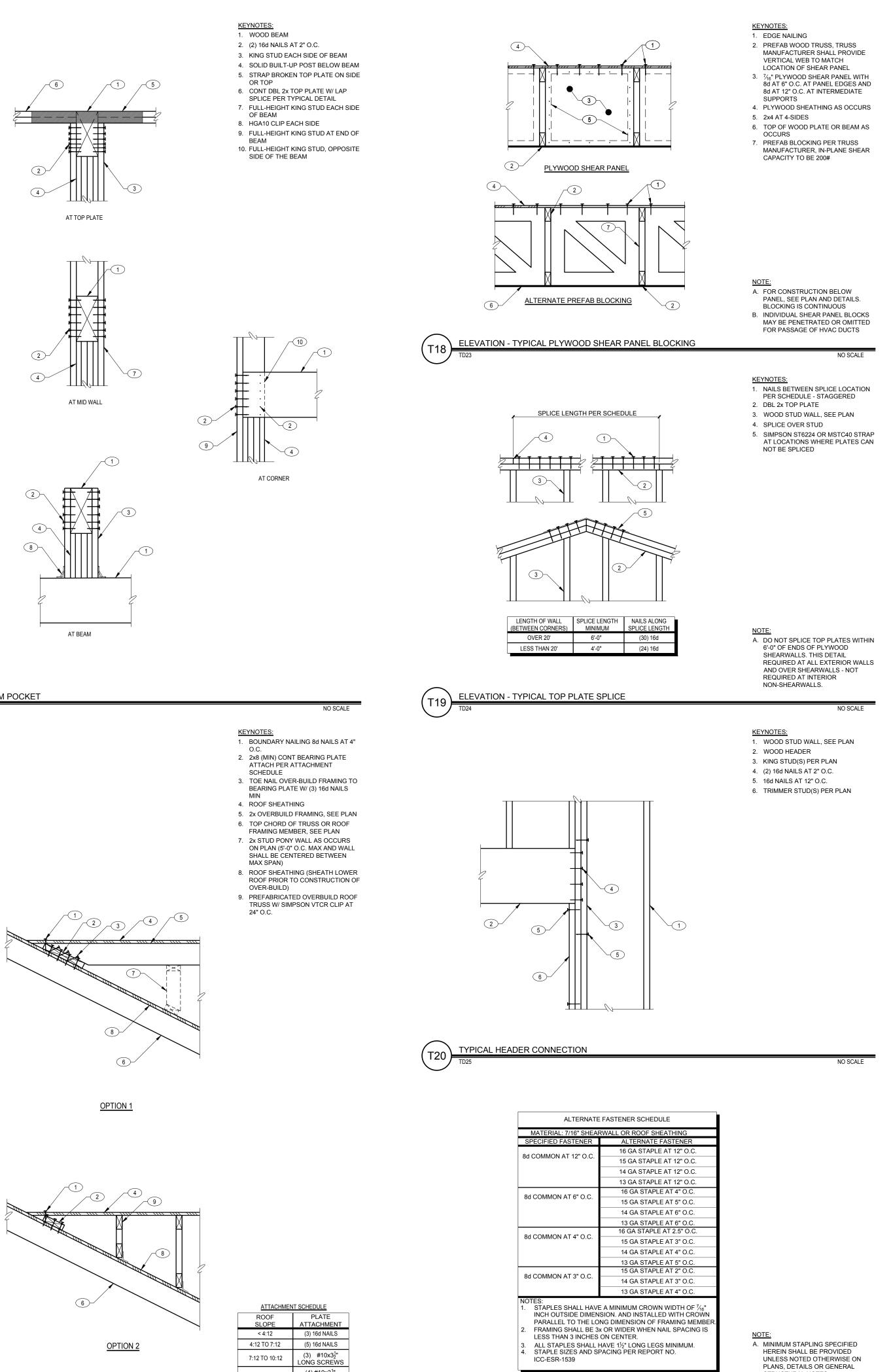


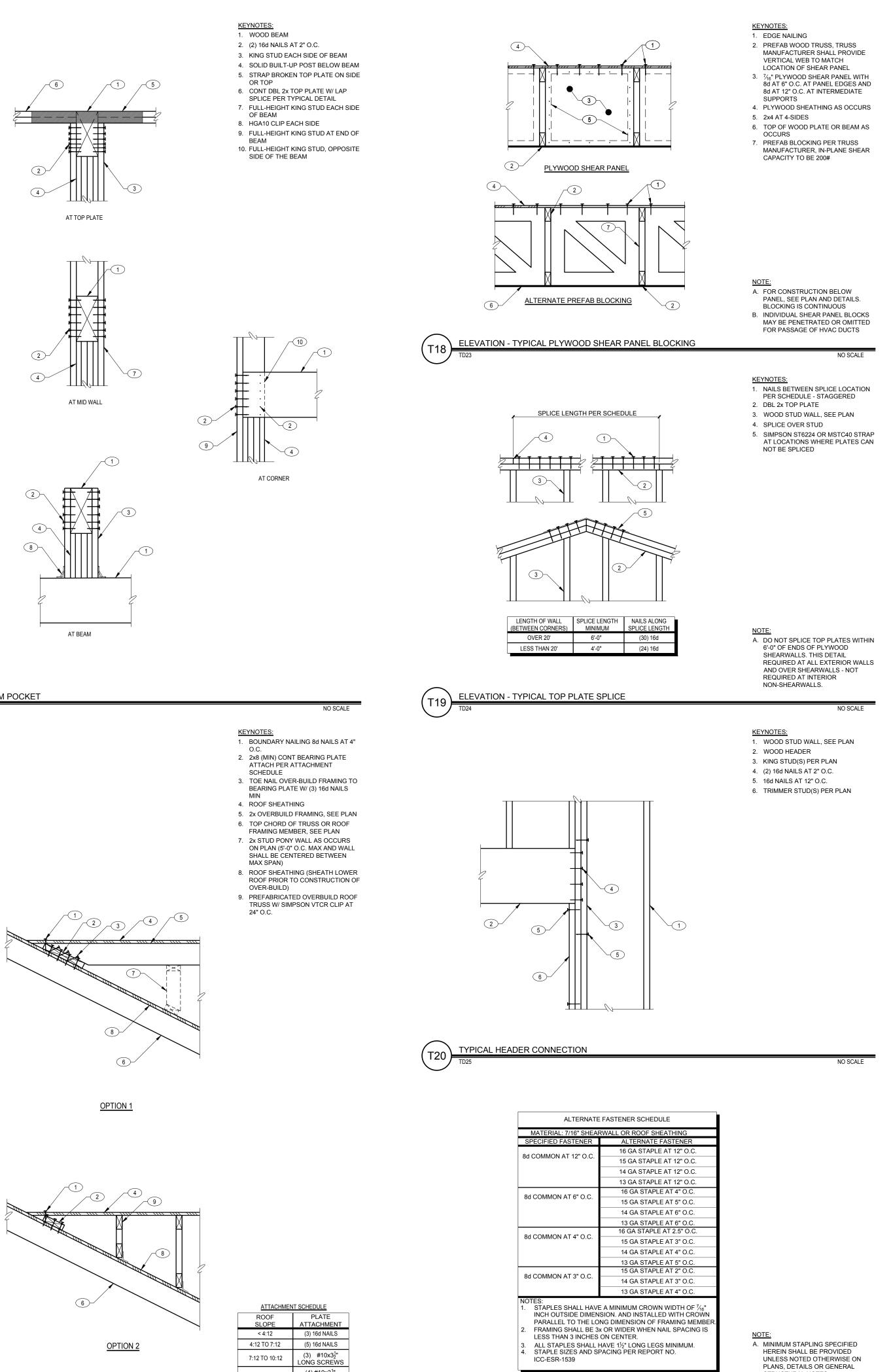








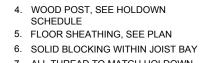






TYPICAL OVER-BUILD T23





2. WALL SHEATHING AS OCCURS, SEE

KEYNOTES:

PLAN

1. HOLDOWN, SEE PLAN

3. WOOD JOIST, SEE PLAN

- 9. WOOD POST, MATCH POST ABOVE
- 7. ALL THREAD TO MATCH HOLDOWN REQUIREMENTS 8. CONT 2x DBL TOP PLATE W/ LAP
- SPLICE, SEE TYPICAL DETAIL

NOTE: A. FLOOR JOIST ORIENTATION MAY

KEYNOTES:

1. DBL TOP PLATE

2. WOOD STUD WALL

3. PLYWOOD SHEATHING

5. WOOD TRUSS OR JOIST

6. SOLID BLOCKING BETWEEN FLOORS, MATCH BEARING WIDTH WITH POST ABOVE, MINIMUM

7. SIMPSON A35 CLIP EACH SIDE OF SOLID BLOCKING, WHERE POST ABOVE IS MORE

10. CONT 2x PT SOLE PLATE W/ ANCHOR

THAN (2) STUDS, OTHERWISE ATTACH TO

TOP PLATE W/ (2) 16d TOE-NAILS AT EACH

4. WOOD POST ABOVE

BLOCK

BOLTS

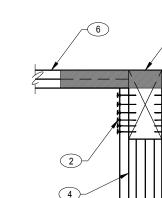
11. CONCRETE WALL

12. CONT RIM BOARD

8. WOOD POST BELOW

9. CONT 2x BOTTOM PLATE

NO SCALE





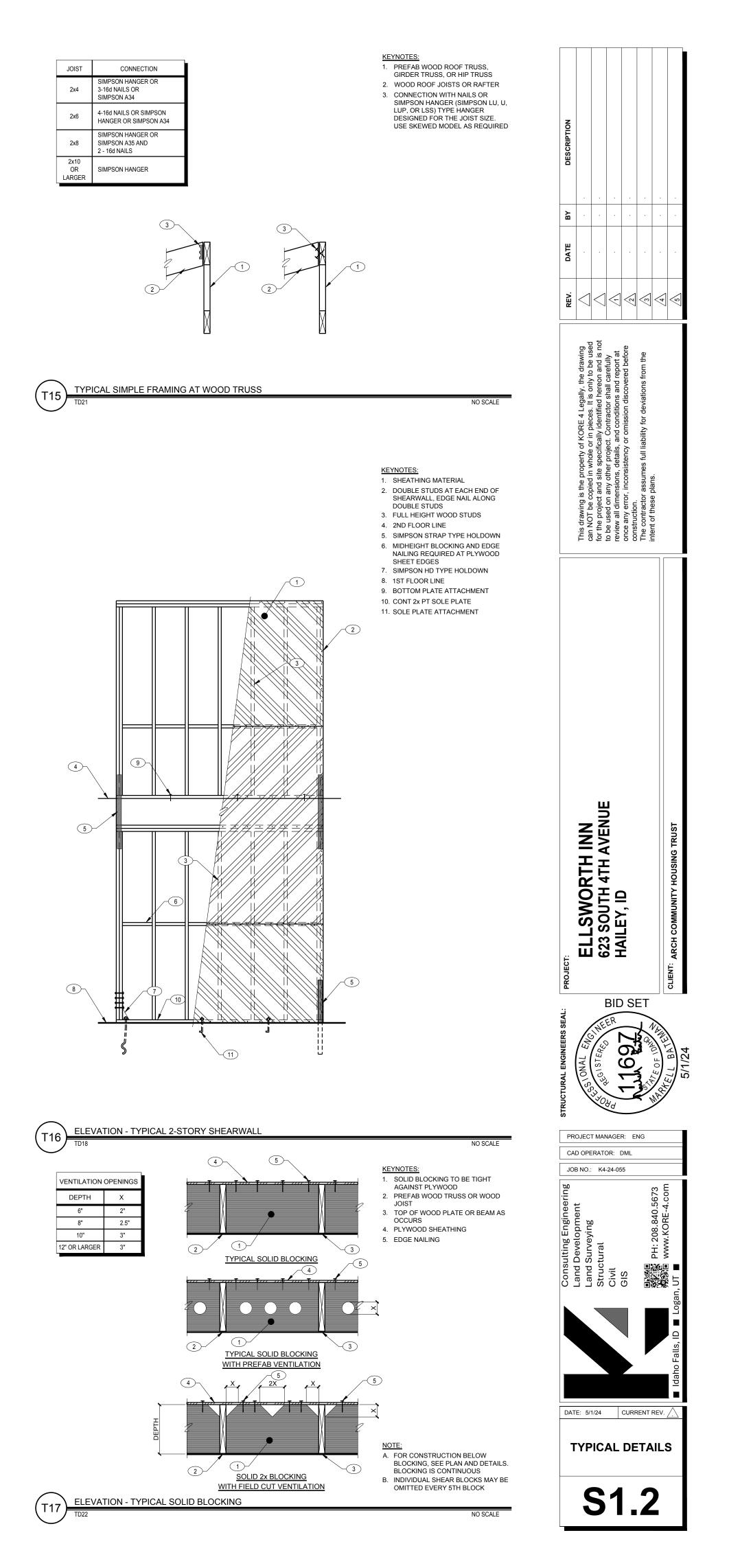
NO SCALE

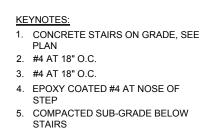
ALTERNATE SHEATHING STAPLE OPTION T2

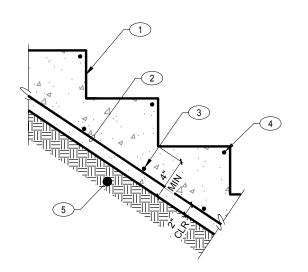
LONG SCREWS

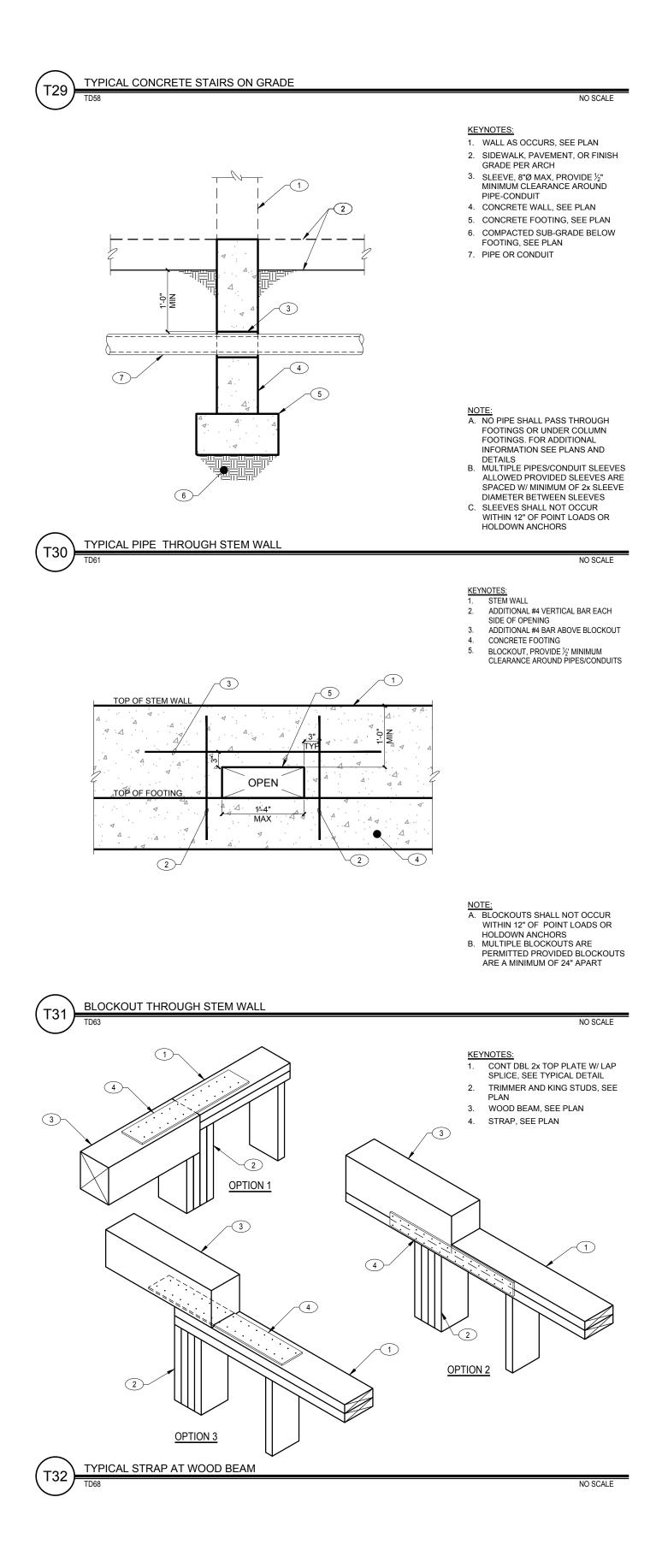
NO SCALE

NO SCALE









4 3 INTERSECTIN	G WALLS	 PLYW CONT GYPS DISCC 16d F/ EDGE FULL (3)-2x (2)-16 EACH PLYW 	IS: D STUD WALL, SEE PLAN OOD SHEATHING SHALL BE THRU WALL INTERSECTIONS, UM SHEATHING MAY BE DNTINUOUS ACENAIL AT 16" O.C. NAILING HEIGHT STUD BLOCKS 18" LONG d FACENAILS EACH SIDE OF BLOCK OOD OR GYPSUM ASECTING WALL	DESCRIPTION	UESCRIFTION				
GYPSUM SHE				ž					
				DATE		,			-
INTERSECTION INTERSECTION PLYWOOD SH	EARWALLS		NO SCALE	BEV	KORE 4 Legally, the drawing	es. It is only to be used		cct. Contractor shall carefully	
			1		ORE 4	or in pieces. It	/ ident	Contra	
CONNECTION	NAILING	TYPE	1		f		fically	ect. (, c
JOIST OR TRUSS BEARING ON SILL OR GIRDER	(3)-8d COMMON (2 1/2" x 0.131") (3)-3"x 0.131" NAILS (Gun Nail)	TOENAIL			This drawing is the property of	vhole	for the project and site specif	to be used on any other project. C	()
	(3)-3"x 14 GAUGE STAPLES		1		prop	l in v	site :	other	:
BRIDGING TO JOIST	(2)-8d COMMON (2 1/2" x 0.131")				s the	piec	and	any (1
	(2)-3"x 0.131" NAILS (Gun Nail)	TOENAIL EACH END			ng is	, e	ject	uo :	ŝ
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	(2)-3"x 14 GAUGE STAPLES 16d (3 1/2"x 0.135") AT 16" O.C.		1		rawi	OTE	pro	nsec	100
	3"x 0.131" NAILS (Gun Nail) AT 8" O.C.	FACE NAIL	1		his d	N NE	r the	be.	č
	3"x 14 GAUGE STAPLES AT 12" O.C.		1		È	8	ę	р р	ç
TOP PLATE TO STUD	(2)-16d COMMON (3 1/2"x 0.162")		1						-
	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES	END NAIL	1						
SOLE PLATE TO STUD	(3)-3"x 14 GAUGE STAPLES (2)-16d COMMON (3 1/2"x 0.162")		1						
	(3)-3"x 0.131" NAILS (Gun Nail)	END NAIL	1						
	(3)-3"x 14 GAUGE STAPLES		1						
DOUBLE STUDS, FACE NAIL	16d (3 1/2"x 0.135") AT 24" O.C.								
	3"x 0.131" NAILS (Gun Nail) AT 8" O.C. 3"x 14 GAUGE STAPLES AT 8" O.C.	FACE NAIL							
DOUBLE TOP PLATES	16d (3 1/2"x 0.135") AT 16" O.C.								
	3"x 0.131" NAILS (Gun Nail) AT 12" O.C.	FACE NAIL							
	3"x 14 GAUGE STAPLES AT 12" O.C.								
DOUBLE TOP PLATES - LAP SPLICE	(8)-16d COMMON (3 1/2"x 0.162")	_							
	(12)-3"x 0.131" NAILS (Gun Nail)	FACE NAIL	1						
	(12)-3"x 14 GAUGE STAPLES		1						
BLOCKING BETWEEN JOISTS OR RAFTERS	(3)-8d COMMON (2 1/2"x 0.131")								
BLOCKING BETWEEN JOISTS OR RAFTERS AND TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail)	TOENAIL		1					
	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES								
AND TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK	TOENAIL							
	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C.								
AND TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK	-NA-							
AND TOP PLATE RIM JOIST TO TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C.	-NA-					_		
AND TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162")	-NA- TOENAIL -NA-					Ľ	L C	
AND TOP PLATE RIM JOIST TO TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail)	-NA- TOENAIL				7		NC NC	
AND TOP PLATE RIM JOIST TO TOP PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162")	-NA- TOENAIL -NA-				27		VENUE	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES	-NA- TOENAIL -NA- -NA- FACE NAIL			ININ		AV/ENI IC	AVENUE	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131")	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES							
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail)	-NA- TOENAIL -NA- -NA- FACE NAIL FACE NAIL AT 16"			L L		ΠĻ	4 I H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131")	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES			L L		ΠĻ	4 I H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES			L L			4 I H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162)	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL			L L			4 I H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.162") (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162)	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL			L L				
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 0.131" NAILS (Gun Nail)	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL				LLOWORIN		20010 410	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS CEILING JOISTS TO PARALLEL RAFTERS, FACE NAI	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-164 COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL						SOUTH 41H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 0.131" NAILS (Gun Nail)	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL		JECT:		LLOWORIN		20010 410	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS CEILING JOISTS TO PARALLEL RAFTERS, FACE NAI	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (2 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL FACE NAIL		PROJECT:		LLOWORIN		20010 410	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS CEILING JOISTS TO PARALLEL RAFTERS, FACE NAI	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (3)-8d COMMON (2 1/2"x 0.131") (3)-8d COMMON (2 1/2"x 0.131") (3)-8d COMMON (2 1/2"x 0.131") </td <td>-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL FACE NAIL</td> <td></td> <td>PROJECT:</td> <td></td> <td>LLOWORIN</td> <td></td> <td>623 3001H 41H</td> <td></td>	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL FACE NAIL		PROJECT:		LLOWORIN		623 3001H 41H	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS, LAPS OVER PARTITIONS CEILING JOISTS TO PARALLEL RAFTERS, FACE NAI RAFTER OR TRUSS TO PLATE	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (3 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.131") (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (3)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (3)-3"x 14 GAUGE STAPLES	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL FACE NAIL FACE NAIL TOENAIL				ELLOWORIN	E22 COLITUATU	B 623 SOUIN 4IN	
AND TOP PLATE RIM JOIST TO TOP PLATE TOP PLATES, LAPS AND INTERSECTIONS CONTINUOUS HEADER, TWO PIECES CEILING JOISTS TO PLATE CEILING JOISTS TO PARALLEL RAFTERS, FACE NAI RAFTER OR TRUSS TO PLATE CONTINUOUS HEADER TO STUD	(3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES SIMPSON A35 AT EVERY OTHER BLOCK 8d (2 1/2"x 0.131") AT 6" O.C. 3"x 0.131" NAILS (Gun Nail) AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. 3"x 14 GAUGE STAPLES AT 6" O.C. USE- SIMPSON A35 AT 48" O.C. (2)-16d COMMON (3 1/2"x 0.162") (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 0.131" NAILS (Gun Nail) (3)-3"x 14 GAUGE STAPLES 16d COMMON (2 1/2"x 0.162") (3)-8d COMMON (2 1/2"x 0.162") (4)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 0.131" NAILS (Gun Nail) (5)-3"x 14 GAUGE STAPLES (3)-6d COMMON (3 1/2"x 0.162) (4)-3"x 0.131" NAILS (Gun Nail) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-16d COMMON (3 1/2"x 0.162) (4)-3"x 14 GAUGE STAPLES (3)-6d COMMON (2 1/2"x 0.131") (4)-3"x 14 GAUGE STAPLES (3)-8d COMMON (2 1/2"x 0.131") (3)-3"x 14 GAUGE STAPLES (4)-8d COMMON (2 1/2" x 0.131")	-NA- TOENAIL -NA- FACE NAIL FACE NAIL AT 16" O.C. ALONG EDGES TOENAIL FACE NAIL FACE NAIL FACE NAIL TOENAIL		GINEERS SEAL: PROJECT:		ELLOWORIN	E22 COLITUATU	B 623 SOUIN 4IN	

NOTE:
A. MINIMUM NAILING SPECIFIED HEREIN SHALL BE PROVIDED UNLESS NOTED OTHERWISE ON PLANS, DETAILS OR GENERAL STRUCTURAL NOTES
B. NAILING NOT NOTED ON THESE PLANS OR DETAILS SHALL BE PER I.B.C. TABLE 2304.10.1

<u>KEYNOTES:</u>
 HOLDOWN ANCHOR BOLT
 TOP OF CONCRETE OR COLD JOINT
 DBL NUT AND 2"Ø PLATE WASHER
 ADDITIONAL VERTICAL BAR(S), SEE SCHEDIU E

SCHEDULE 5. TOP REINFORCING BAR (#4 BAR MINIMUM) PER PLAN

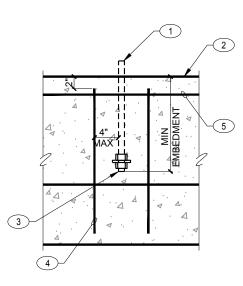
NO SCALE

NO SCALE

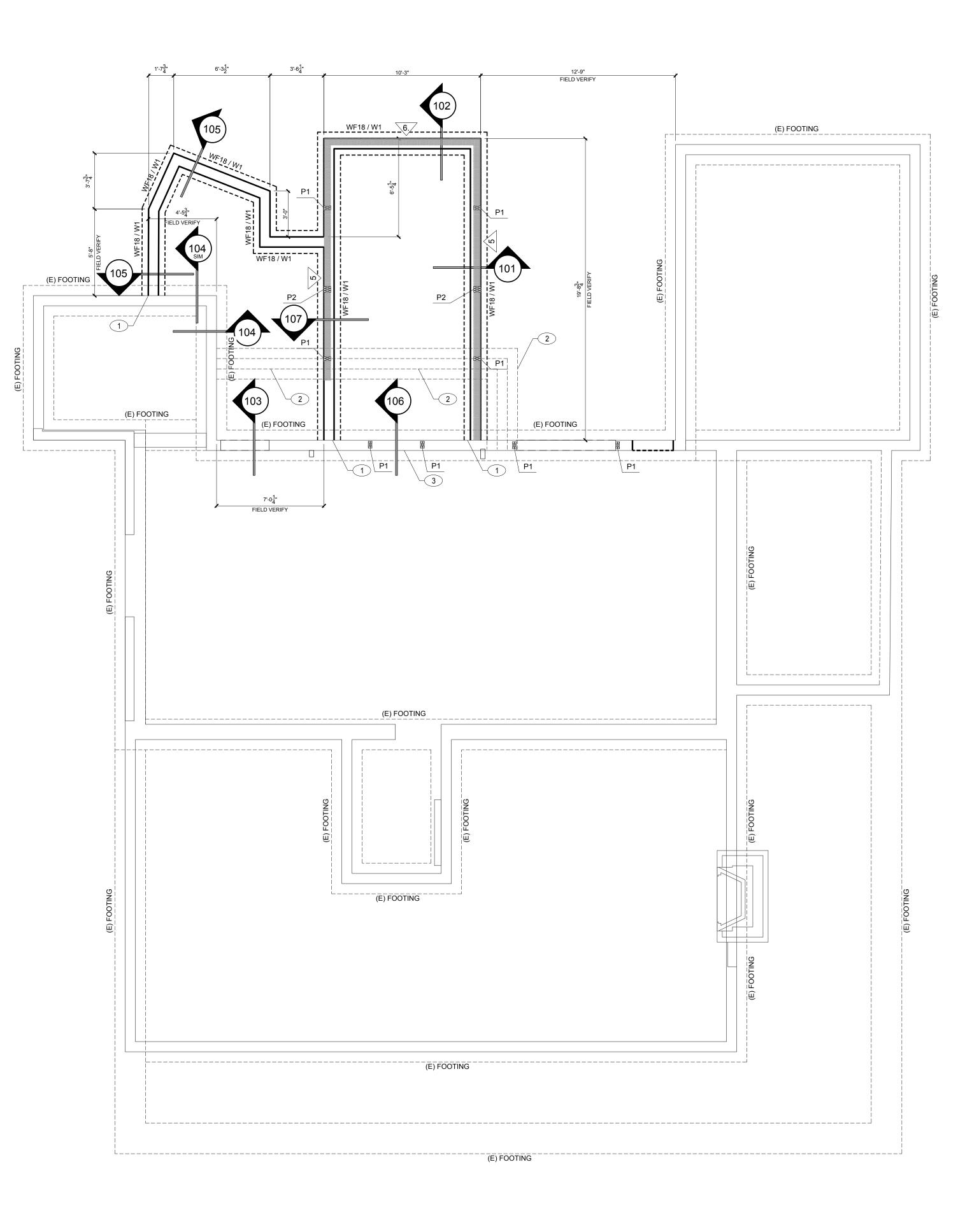
MINIMUM NAILING SCHEDULE - UNLESS NOTED OTHERWISE

(T27

ANCHOR SCHEDULE							
ALL-THREAD ANCHOR DIAMETER	MINIMUM EMBEDMENT	MINIMUM VERTICAL BARS (PROVIDE ADDITIONAL VERTICAL BARS AS REQUIRED)	ALTERNATE SIMPSON ANCHOR TYPE (INSTALL PER MANUFACTURER)				
1/2" 12"							
5⁄8"	16"	(1) #5 OR (2) #4	SB5/8X24				
7⁄8"	18"	(2) #5	SSTB34 OR SB7/8X24				
1"	20"	(2) #6	SB1X30				



U∉ 0 PROJECT MANAGER: ENG CAD OPERATOR: DML JOB NO.: K4-24-055 4 ■XXX = and and DATE: 5/1/24 CURRENT REV. TYPICAL DETAILS **S1.3**



SHEARWALL HOLDOWN SCHEDULE						
<u>NOTES:</u> 1. SEE TYPICAL DETAILS FOR ANCHOR BOLT EMBEDMENT REQUIREMENTS. 2. POSTS SHOWN ON THE PLANS AR A MINIMUM AS REQUIRED TO SUPPORT THE GRAVITY LOADS OF THE STRUCTURE. ADDITIONAL STUDS OR SOLID POSTS MAY BE REQUIRED DEPENDENT ON HOLDOWN TYPES.						
MARK	HOLDOWN	SHEARWALL END POST UNO ON PLAN	ALTERNATE HOLDOWN	ANCHOR BOLT DIA.		
A	SIMPSON STHD10	(2) 2x STUDS	HTT4 W/ (18) 0.162 x 2.5" NAILS	⁵ %" (FOR ALTERNATE)		
В	SIMPSON MSTC40	(2) 2x STUDS	N/A	N/A		

FOUNDATION PLAN SCALE:

FOUNDATION PLAN NOTES

A. VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.

- ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT. THE DEPTH OF FOOTING DIMENSION INDICATED IN THE G.S.N.
- J. THE DEPTH OF FOOTING DIMENSION INDICATED IN THE G.S.N. IS A MINIMUM. FOUNDATION CONTRACTOR SHALL COORDINATE WITH THE SOILS REPORT AND OTHER TRADES TO INSURE THAT THESE MINIMUMS ARE SUFFICIENT FOR THE WORK. SEE TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.
- WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.
- C_____ WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.

LENGTH.

- 5, 6, 7, -AS SHOWN ON PLAN INDICATES A SHEARWALL; HATCHING IN WALL DESIGNATES SHEARWALL
- A, B, AS SHOWN ON PLAN INDICATES A SHEARWALL HOLDOWN. SEE HOLDOWN SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION.
- W1, W2, ETC. AS SHOWN ON PLAN INDICATES CONCRETE OR MASONRY WALLS. SEE WALL SCHEDULE FOR ADDITIONAL INFORMATION.
- WF18, WF24, ETC. AS SHOWN ON PLAN INDICATES A CONTINUOUS WALL FOOTING. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.
- . F36, F48, ETC. AS SHOWN ON PLAN INDICATES A CONCRETE FOOTING. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.
- K. P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.
- PROVIDE CONTINUOUS BEARING FOR ALL POSTS AND BUILT-UP STUDS TO THE FOUNDATION PER TYPICAL "SOLID BLOCKING BETWEEN FLOORS" DETAIL.
- ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH TYPE "5" SHEARWALLS, UNO.

PLAN KEYNOTES (\mathbf{X})

- DOWEL INTO EXISTING FOUNDATION PER TYPICAL FOUNDATION DETAIL
- . DEMO EXISTING FOUNDATION
- . INFILL IN EXISTING BASEMENT WINDOW

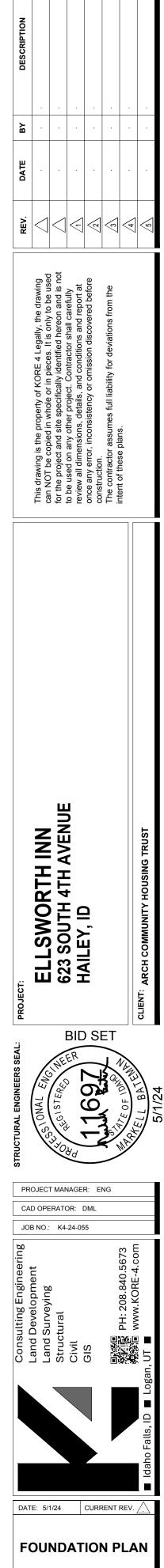
	WALL (W) SCHEDULE					
MARK	THICKNESS AND TYPE	VERTICAL REINFORCING	HORIZONTAL REINFORCING	REMARKS		
W1	8" CONCRETE	#4 AT 18" O.C.	#4 AT 12" O.C.			

FOOTING SCHEDULE						
<u>NOTES:</u> 1. FOR CONSTRUCTION ABOVE FOOTING, SEE DETAILS. 2. FOR MINIMUM CLEARANCE (CLR) OF REINFORCING, SEE GENERAL STRUCTURAL NOTES (GSN).						
MARK	LENGTH	WIDTH	THICK- NESS	FOOTING REINFORCING	REMARKS	
F36	36"	36"	10"	(4) #4 EACH WAY BOTTOM		
WF18	CONT	18"	10"	(2) #4 CONT BOTTOM		
WF24	CONT	24"	10"	(3) #4 CONT BOTTOM		

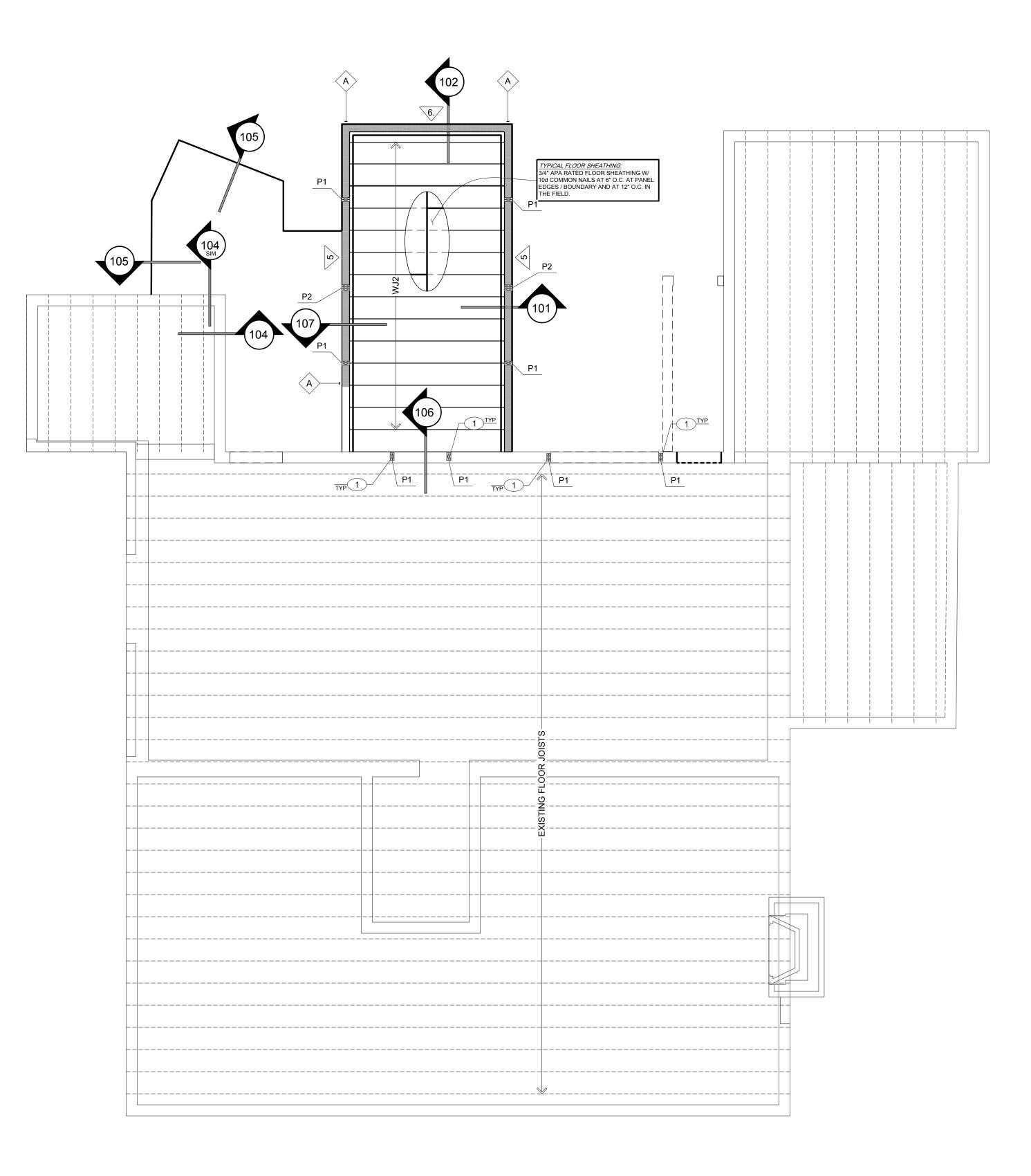
	POST (P) SCHEDULE						
	<u>NOTES:</u> 1. FOR CONNECTIONS AT EITHER END OF POST, SEE DETAILS. 2. UNO, SEE GENERAL STRUCTURAL NOTES (GSN) FOR LUMBER SPECIES AND GRADE.						
MARK	SIZE	SPECIES AND GRADE	CONNECTION				
P1	(2) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS				
P2	(3) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS				

SHEARWALL TYPE SCHEDULE

	-				
THE PLA 2. FRAMI 3. ANCHO EXPANSI SLAB ST 4. A MINI ANCHOF 5. PROVI NOTED C ON CENT 6. PROVI PLANS C	NS. ING MEMBER SUPPORT OR BOLTS TO FOUNDAT ION BOLTS OR SHOT PIL EP-DOWN) PER SUPPLE MUM OF (2) ANCHOR B(8 BOLT MINIMUM WITHIN DE CONTINUOUS DOUE OTHERWISE (U.N.O.), LA FER (O.C.) ((24) 16d NAIL	ING MATERIAL SH TON SHALL BE 10 MS MAY BE USED IMENTAL INSTRUC DLTS SHALL BE US N 9" OF EACH END BLE 2x TOP PLATE P SPLICE TOP PLA S TOTAL BETWEE LE STUDS AT END	ALL BE SPACED A ' LONG AND SHAL AT INTERIOR WAI CTIONS. SED ON EACH BAS PIECE. AT ALL SHEARWA ATE A MINIMUM 4' SN SPLICE JOINTS OS OF SHEARWAL	LS UNLESS NOTED OTHERWISE ON	Consulting Engineering
MARK	RK SHEATHING MATERIAL EDGE NAILING FIELD NAILING BOTTOM PLATE ATTACHMENT				
5	⁷ ∕₁6" APA RATED SHEATHING (BLOCKED) ONE SIDE OF WALL	8d COMMON AT 6" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 36" O.C. CONCRETE: %"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 48" O.C. WOOD: 16d STAGGERED AT 6" O.C.	
6.	7∕%" APA RATED SHEATHING (BLOCKED) ONE SIDE OF WALL	8d COMMON AT 4" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 24" O.C. CONCRETE: %"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 32" O.C. WOOD:16d STAGGERED AT 4" O.C.	
7	7 ₆ " APA RATED SHEATHING (BLOCKED) ONE SIDE OF WALL	8d COMMON AT 3" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 18" O.C. CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 26" O.C. WOOD:16d STAGGERED AT 3" O.C.	F



S2.0



	POST (P) SCHEDULE					
<u>NOTES:</u> 1. FOR CONNECTIONS AT EITHER END OF POST, SEE DETAILS. 2. UNO, SEE GENERAL STRUCTURAL NOTES (GSN) FOR LUMBER SPECIES AND GRADE.						
MARK	SIZE	SPECIES AND GRADE	CONNECTION			
P1	(2) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS			
P2	P2 (3) 2x6 DOUG FIR NO. 2 SEE TYPICAL DETAILS					
SHEARWALL HOLDOWN SCHEDULE						

<u>NOTES:</u> 1. SEE TYPICAL DETAILS FOR ANCHOR BOLT EMBEDMENT REQUIREMENTS. 2. POSTS SHOWN ON THE PLANS AR A MINIMUM AS REQUIRED TO SUPPORT THE GRAVITY LOADS OF THE STRUCTURE. ADDITIONAL STUDS OR SOLID POSTS MAY BE REQUIRED DEPENDENT ON HOLDOWN TYPES.					
MARK	HOLDOWN	SHEARWALL END POST UNO ON PLAN	ALTERNATE HOLDOWN	ANCHOR BOLT DIA.	
À	SIMPSON STHD10	(2) 2x STUDS	HTT4 W/ (18) 0.162 x 2.5" NAILS	⁵ %" (FOR ALTERNATE)	
B SIMPSON MSTC40		(2) 2x STUDS	N/A	N/A	

FIRST FLOOR FRAMING PLAN 1/4" = 1'-0"

FLOOR FRAMING PLAN NOTES

- VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.
- ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.
- IF DOUBLE TOP PLATE IS NOTCHED, STEPPED OR BROKEN, PROVIDE A SIMPSON MSTC40 STRAP AT DISCONTINUITY.
- TYPICAL BEARING WALL FRAMING SHALL BE 2x6 STUDS AT 16" O.C. UNO.
- PROVIDE TRIMMER STUDS (TS) AND KING STUDS (KS) AT OPENINGS AS FOLLOWS, U.N.O.: OPENINGS 6'-0" OR LESS, (1) TS & (1) KS, OPENINGS 6'-1" TO 9'-0", (1) TS & (2) KS, 9'-1" TO 12'-0", (2) TS & (3) KS. FOR ATTACHMENT, SEE "TYPICAL HEADER CONNECTION" DETAIL.
- WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.
- WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.
- 5, 6., 7, -AS SHOWN ON PLAN INDICATES A SHEARWALL; HATCHING IN WALL DESIGNATES SHEARWALL LENGTH.
- (A), (B), AS SHOWN ON PLAN INDICATES A SHEARWALL HOLDOWN. SEE HOLDOWN SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION.
- B1, B2, ETC. AS SHOWN ON PLAN INDICATES A BEAM OR HEADER. SEE BEAM SCHEDULE FOR ADDITIONAL INFORMATION.
- WJ1, WJ2, ETC. AS SHOWN ON PLAN INDICATES A WOOD JOIST. SEE WOOD JOIST SCHEDULE FOR ADDITIONAL INFORMATION.
- P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.
- I. CS16, CS18, ETC. AS SHOWN AT WALL OPENINGS, PROVIDE STRAPPING PER "TYPICAL STRAP AT OPENING"

DETAIL.

- PROVIDE CONTINUOUS BEARING FOR ALL POSTS AND BUILT-UP STUDS TO THE FOUNDATION PER TYPICAL "SOLID BLOCKING BETWEEN FLOORS" DETAIL.
- FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.
- ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH TYPE "5" SHEARWALLS, UNO.

(X	PLAN KEYNOT	ËS
1.	SOLID BLOCK BI DETAIL.	ETWEEN FLOOR BELOV	V POSTS, PER TYPICA

	BEAM (B) SCHEDULE		
MARK	SIZE		
(EB)	EXISTING BEAM		
B1	(2) 2x8 OR 4x8 OR (2) 1 ³ ⁄ ₄ x5 ¹ ⁄ ₂ LVL		
B2	(2) 2x10 OR 4x10 OR (2) 1¾x7¼ LVL		
В3	(1) 1 ³ ⁄ ₄ x9 ¹ ⁄ ₂ LVL		
B4	(2) 1 ³ ⁄ ₄ x9 ¹ ⁄ ₂ LVL OR 3 ¹ ⁄ ₂ x9 ¹ ⁄ ₂ LVL		
B5	(3) 1 ³ ⁄ ₄ x9 ¹ ⁄ ₂ LVL OR 5 ¹ ⁄ ₄ x9 ¹ ⁄ ₂ LVL		

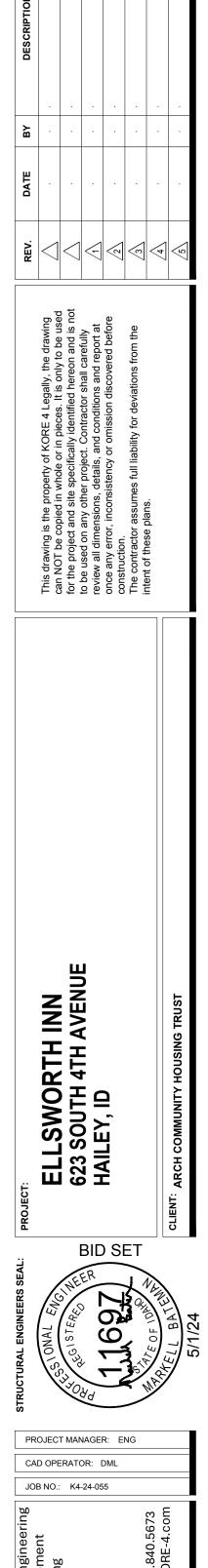
WOOD JOIST (WJ) SCHEDULE				
MARK JOIST FACE MOUNT HANGER TOP FLANGE				
WJ1	9½" BCI 5000 AT 24" O.C.	IUS2.06/9.5 OR LSSR2.1Z (SLOPE AS REQURED)	ITS2.06/9.5	
WJ2	9½" BCI 5000 AT 16" O.C.	IUS2.06/9.5	ITS2.06/9.5	

SHEARWALL	TYPE	SCHED	ULE

NOTES: 1. SHEARWALL TYPES LISTED BELOW ARE NOT JOB SPECIFIC. SOME TYPES MAY NOT BE USED ON THE PLANS. 2. FRAMING MEMBER SUPPORTING MATERIAL SHALL BE SPACED AT 16" ON CENTER (O.C.) MAXIMUM. 3. ANCHOR BOLTS TO FOUNDATION SHALL BE 10" LONG AND SHALL BE EMBED 7" INTO CONCRETE. XPANSION BOLTS OR SHOT PINS MAY BE USED AT INTERIOR WALLS (AWAY FROM EDGE OF SLAB OR SLAB STEP-DOWN) PER SUPPLEMENTAL INSTRUCTIONS. 4. A MINIMUM OF (2) ANCHOR BOLTS SHALL BE USED ON EACH BASE PLATE PIECE. PROVIDE (1) ANCHOR BOLT MINIMUM WITHIN 9" OF EACH END PIECE.

5. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS AND EXTERIOR WALL. UNLESS NOTED OTHERWISE (U.N.O.), LAP SPLICE TOP PLATE A MINIMUM 4'-0" WITH 16d NAILS STAGGERED AT 2' ON CENTER (O.C.) ((24) 16d NAILS TOTAL BETWEEN SPLICE JOINTS.) 6. PROVIDE FULL HEIGHT DOUBLE STUDS AT ENDS OF SHEARWALLS UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.

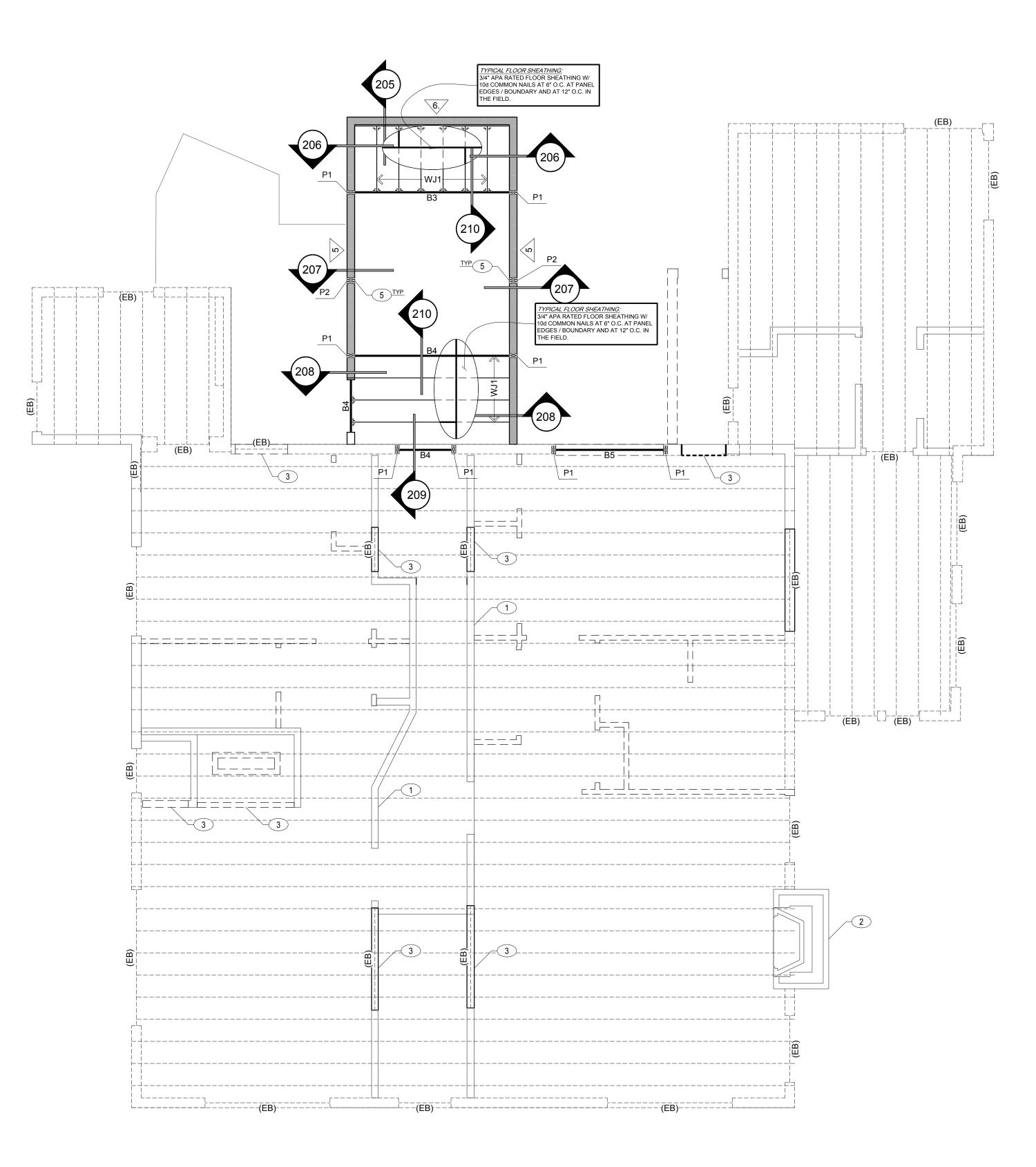
7. BLOCK ALL PANEL EDGES. EDGE NAIL SHEATHING AT BLOCKED EDGES.						
MARK	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	BOTTOM PLATE ATTACHMENT		
5	⅔6" APA RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 36" O.C.		
	SHEATHING (BLOCKED)	8d COMMON AT 6" O.C.	8d COMMON AT 12" O.C.	CONCRETE: 5/8"Ø A.B. W/ 1/4"x3"x3" PLATE WASHERS AT 48" O.C.		
	ONE SIDE OF WALL			WOOD: 16d STAGGERED AT 6" O.C.		
6.	7/16" APA RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 24" O.C.		
	SHEATHING (BLOCKED) ONE SIDE	8d COMMON AT 4" O.C.	8d COMMON AT 12" O.C.	CONCRETE: 5/8"Ø A.B. W/ 1/4"x3"x3" PLATE WASHERS AT 32" O.C.		
	OF WALL			WOOD:16d STAGGERED AT 4" O.C.		
7/	%₀" APA RATED			CONCRETE: ½"Ø A.B. W/¼"x3"x3" PLATE WASHERS AT 18" O.C.		
\sim	SHEATHING (BLOCKED) ONE SIDE OF WALL	EATHING 8d COMMON (ED) ONE SIDE AT 3" O.C.	8d COMMON AT 12" O.C.	CONCRETE: % Ø A.B. W/ ¼ X3 X3 PLATE WASHERS AT 26 O.C.		
	OF WALL			WOOD:16d STAGGERED AT 3" O.C.		



DATE: 5/1/24 CURRENT REV.

FIRST FLOOR FRAMING PLAN

S2.'



SHEARWALL HOLDOWN SCHEDULE						
NOTES: 1. SEE TYPICAL DETAILS FOR ANCHOR BOLT EMBEDMENT REQUIREMENTS. 2. POSTS SHOWN ON THE PLANS AR A MINIMUM AS REQUIRED TO SUPPORT THE GRAVITY LOADS OF THE STRUCTURE. ADDITIONAL STUDS OR SOLID POSTS MAY BE REQUIRED DEPENDENT ON HOLDOWN TYPES.						
MARK HOLDOWN SHEARWALL END ALTERNATE ANCHOR BOLT DIA. UNO ON PLAN HOLDOWN ANCHOR BOLT DIA.						
A	SIMPSON STHD10	(2) 2x STUDS	HTT4 W/ (18) 0.162 x 2.5" NAILS	⁵ ⁄8" (FOR ALTERNATE)		
B SIMPSON MSTC40 (2) 2x STUDS N/A N/A						
POST (P) SCHEDULE						

	<u>NOTES:</u> 1. FOR CONNECTIONS AT EITHER END OF POST, SEE DETAILS. 2. UNO, SEE GENERAL STRUCTURAL NOTES (GSN) FOR LUMBER SPECIES AND GRADE.					
MARK	SIZE SPECIES AND GRADE CONNECTION					
P1	P1 (2) 2x6 DOUG FIR NO. 2 SEE TYPICAL DETAILS					
P2	(3) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS			

SECOND FLOOR FRAMING PLAN

FLOOR FRAMING PLAN NOTES

- VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.
- ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.
- IF DOUBLE TOP PLATE IS NOTCHED, STEPPED OR BROKEN, PROVIDE A SIMPSON MSTC40 STRAP AT DISCONTINUITY.
- TYPICAL BEARING WALL FRAMING SHALL BE 2x6 STUDS AT 16" O.C. UNO.
- PROVIDE TRIMMER STUDS (TS) AND KING STUDS (KS) AT OPENINGS AS FOLLOWS, U.N.O.: OPENINGS 6'-0" OR LESS, (1) TS & (1) KS, OPENINGS 6'-1" TO 9'-0", (1) TS & (2) KS, 9'-1" TO 12'-0", (2) TS & (3) KS. FOR ATTACHMENT, SEE "TYPICAL HEADER CONNECTION" DETAIL.
- WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.
- WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.
- 5, 6., 7, -AS SHOWN ON PLAN INDICATES A SHEARWALL; HATCHING IN WALL DESIGNATES SHEARWALL LENGTH.
- (A), (B), AS SHOWN ON PLAN INDICATES A SHEARWALL HOLDOWN. SEE HOLDOWN SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION.
- B1, B2, ETC. AS SHOWN ON PLAN INDICATES A BEAM OR HEADER. SEE BEAM SCHEDULE FOR ADDITIONAL INFORMATION.
- WJ1, WJ2, ETC. AS SHOWN ON PLAN INDICATES A WOOD JOIST. SEE WOOD JOIST SCHEDULE FOR ADDITIONAL INFORMATION.
- P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.
- *I*. CS16, CS18, ETC. AS SHOWN AT WALL OPENINGS, PROVIDE STRAPPING PER "TYPICAL STRAP AT OPENING"
- PROVIDE CONTINUOUS BEARING FOR ALL POSTS AND BUILT-UP STUDS TO THE FOUNDATION PER TYPICAL "SOLID BLOCKING BETWEEN FLOORS" DETAIL.
- FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.
- ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH TYPE "5" SHEARWALLS, UNO.

PLAN KEYNOTES (\mathbf{X})

- . EXISTING INTERIOR BEARING WALL

DETAIL.

- 2. EXISTING BRICK CHIMNEY
- INFILL EXISTING WALL OPENING W/ 2x FRAMING AT 16" O.C.
- INVERTED HANGER
- SOLID BLOCKING BETWEEN FLOOR AT POST ABOVE PER TYPICAL DETAIL

	BEAM (B) SCHEDULE				
MARK	SIZE				
(EB)	EXISTING BEAM				
B1	(2) 2x8 OR 4x8 OR (2) 1 ³ ⁄ ₄ x5 ¹ ⁄ ₂ LVL				
B2 (2) 2x10 OR 4x10 OR (2) 1 ³ / ₄ x7 ¹ / ₄ LVL					
B3 (1) 1 ³ / ₄ x9 ¹ / ₂ LVL					
B4 (2) 1 ³ / ₄ x9 ¹ / ₂ LVL OR 3 ¹ / ₂ x9 ¹ / ₂ LVL					
B5	(3) 1¾x9½ LVL OR 5¼x9½ LVL				

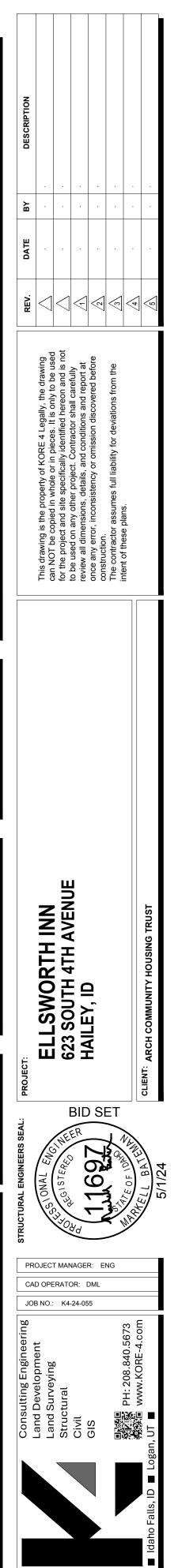
WOOD JOIST (WJ) SCHEDULE					
MARK	JOIST	FACE MOUNT HANGER	TOP FLANGE HANGER		
WJ1	9½" BCI 5000 AT 24" O.C.	IUS2.06/9.5 OR LSSR2.1Z (SLOPE AS REQURED)	ITS2.06/9.5		
WJ2	9½" BCI 5000 AT 16" O.C.	IUS2.06/9.5	ITS2.06/9.5		

SHEARWALL TYPE SCHEDULE

NOTES: 1. SHEARWALL TYPES LISTED BELOW ARE NOT JOB SPECIFIC. SOME TYPES MAY NOT BE USED ON THE PLANS. PLANS.
 FRAMING MEMBER SUPPORTING MATERIAL SHALL BE SPACED AT 16" ON CENTER (O.C.) MAXIMUM.
 ANCHOR BOLTS TO FOUNDATION SHALL BE 10" LONG AND SHALL BE EMBED 7" INTO CONCRETE.
 EXPANSION BOLTS OR SHOT PINS MAY BE USED AT INTERIOR WALLS (AWAY FROM EDGE OF SLAB OR SLAB STEP-DOWN) PER SUPPLEMENTAL INSTRUCTIONS. 4. A MINIMUM OF (2) ANCHOR BOLTS SHALL BE USED ON EACH BASE PLATE PIECE. PROVIDE (1) ANCHOR BOLT MINIMUM WITHIN 9" OF EACH END PIECE. 5. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS AND EXTERIOR WALL. UNLESS NOTED OTHERWISE (U.N.O.), LAP SPLICE TOP PLATE A MINIMUM 4'-0" WITH 16d NAILS STAGGERED AT 2 ON CENTER (O.C.) ((24) 16d NAILS TOTAL BETWEEN SPLICE JOINTS.) 6. PROVIDE FULL HEIGHT DOUBLE STUDS AT ENDS OF SHEARWALLS UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.

7. BLOCK ALL PANEL EDGES. EDGE NAIL SHEATHING AT BLOCKED EDGES.

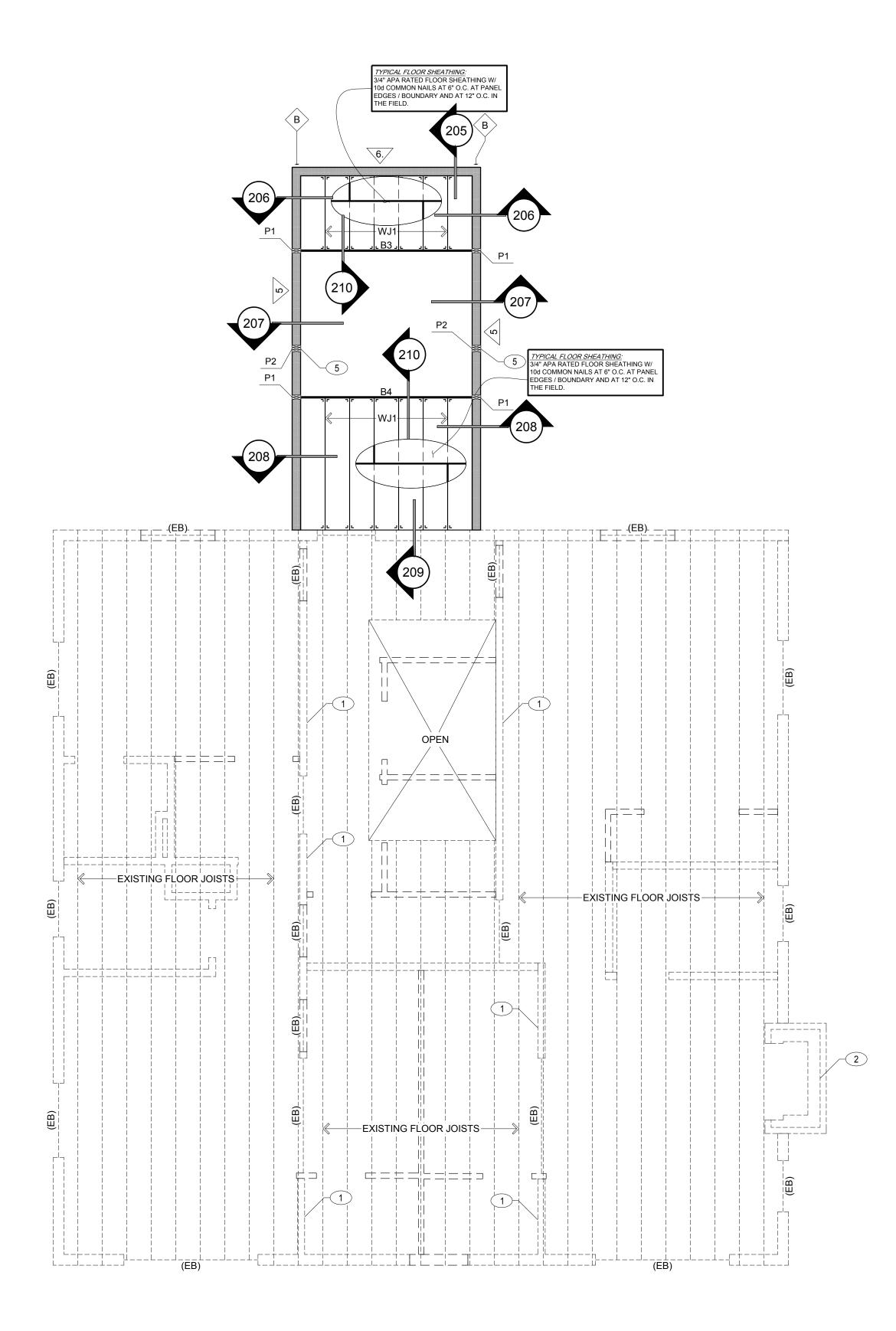
MARK	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	BOTTOM PLATE ATTACHMENT
5	7/16" APA RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 36" O.C.
	SHEATHING (BLOCKED)	8d COMMON AT 6" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ⁵ %"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 48" O.C.
	ONE SIDE OF WALL			WOOD: 16d STAGGERED AT 6" O.C.
6.	7/16" APA RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 24" O.C.
	SHEATHING (BLOCKED) ONE SIDE	8d COMMON AT 4" O.C.	8d COMMON AT 12" O.C.	CONCRETE: 5% Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 32" O.C.
	OF WALL			WOOD:16d STAGGERED AT 4" O.C.
7	(BLOCKED) ONE SIDE			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 18" O.C.
		8d COMMON AT 3" O.C.		CONCRETE: 5% "Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 26" O.C.
	OF WALL			WOOD:16d STAGGERED AT 3" O.C.

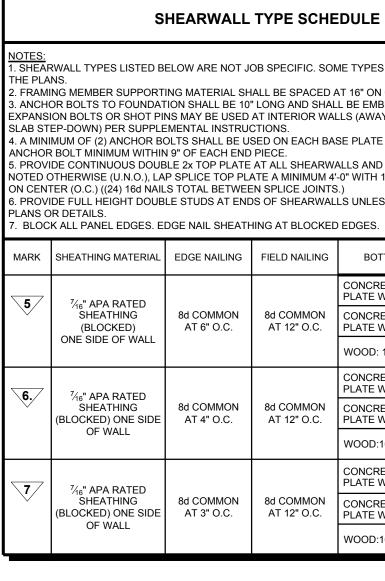


DATE: 5/1/24 CURRENT REV. SECOND FLOOR

FRAMING PLAN

S2.2





THIRD FLOOR FRAMING PLAN 1/4" = 1'-0"

SCALE:

SHEARWALL TYPE SCHEDULE

NOTES: 1. SHEARWALL TYPES LISTED BELOW ARE NOT JOB SPECIFIC. SOME TYPES MAY NOT BE USED ON 2. FRAMING MEMBER SUPPORTING MATERIAL SHALL BE SPACED AT 16" ON CENTER (O.C.) MAXIMUM. 3. ANCHOR BOLTS TO FOUNDATION SHALL BE 10" LONG AND SHALL BE EMBED 7" INTO CONCRETE. EXPANSION BOLTS OR SHOT PINS MAY BE USED AT INTERIOR WALLS (AWAY FROM EDGE OF SLAB OR SLAB STEP-DOWN) PER SUPPLEMENTAL INSTRUCTIONS. 4. A MINIMUM OF (2) ANCHOR BOLTS SHALL BE USED ON EACH BASE PLATE PIECE. PROVIDE (1)

5. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS AND EXTERIOR WALL. UNLESS NOTED OTHERWISE (U.N.O.), LAP SPLICE TOP PLATE A MINIMUM 4'-0" WITH 16d NAILS STAGGERED AT 2" ON CENTER (O.C.) ((24) 16d NAILS TOTAL BETWEEN SPLICE JOINTS.) B. PROVIDE FULL HEIGHT DOUBLE STUDS AT ENDS OF SHEARWALLS UNLESS NOTED OTHERWISE ON

G MATERIAL	EDGE NAILING	FIELD NAILING	BOTTOM PLATE ATTACHMENT
A RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 36" O.C.
THING CKED)	8d COMMON AT 6" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ⁵ /8"Ø A.B. W/ ¹ /4"x3"x3" PLATE WASHERS AT 48" O.C.
E OF WALL			WOOD: 16d STAGGERED AT 6" O.C.
A RATED ITHING D) ONE SIDE WALL	8d COMMON AT 4" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 24" O.C.
			CONCRETE: 5/8"Ø A.B. W/ 1/4"x3"x3" PLATE WASHERS AT 32" O.C.
			WOOD:16d STAGGERED AT 4" O.C.
A RATED			CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 18" O.C.
(THING)) ONE SIDE WALL	8d COMMON AT 3" O.C.	8d COMMON AT 12" O.C.	CONCRETE: 5% Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 26" O.C.
			WOOD:16d STAGGERED AT 3" O.C.

FLOOR FRAMING PLAN NOTES

- VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.
- ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.
- IF DOUBLE TOP PLATE IS NOTCHED, STEPPED OR BROKEN, PROVIDE A SIMPSON MSTC40 STRAP AT DISCONTINUITY.
- TYPICAL BEARING WALL FRAMING SHALL BE 2x6 STUDS AT 16" O.C. UNO.
- PROVIDE TRIMMER STUDS (TS) AND KING STUDS (KS) AT OPENINGS AS FOLLOWS, U.N.O.: OPENINGS 6'-0" OR LESS, (1) TS & (1) KS, OPENINGS 6'-1" TO 9'-0", (1) TS & (2) KS, 9'-1" TO 12'-0", (2) TS & (3) KS. FOR ATTACHMENT, SEE "TYPICAL HEADER CONNECTION" DETAIL.
- WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.
- WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.
- 5, 6, 7, -AS SHOWN ON PLAN INDICATES A SHEARWALL; HATCHING IN WALL DESIGNATES SHEARWALL LENGTH.
- (A), (B), AS SHOWN ON PLAN INDICATES A SHEARWALL HOLDOWN. SEE HOLDOWN SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION.
- B1, B2, ETC. AS SHOWN ON PLAN INDICATES A BEAM OR HEADER. SEE BEAM SCHEDULE FOR ADDITIONAL INFORMATION.
- WJ1, WJ2, ETC. AS SHOWN ON PLAN INDICATES A WOOD JOIST. SEE WOOD JOIST SCHEDULE FOR ADDITIONAL INFORMATION.
- P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.
- 1. CS16, CS18, ETC. AS SHOWN AT WALL OPENINGS, PROVIDE STRAPPING PER "TYPICAL STRAP AT OPENING"
- PROVIDE CONTINUOUS BEARING FOR ALL POSTS AND BUILT-UP STUDS TO THE FOUNDATION PER TYPICAL "SOLID BLOCKING BETWEEN FLOORS" DETAIL.
- FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.
- ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH TYPE "5" SHEARWALLS, UNO.

PLAN KEYNOTES (\mathbf{X})

- EXISTING INTERIOR BEARING WALL

DETAIL.

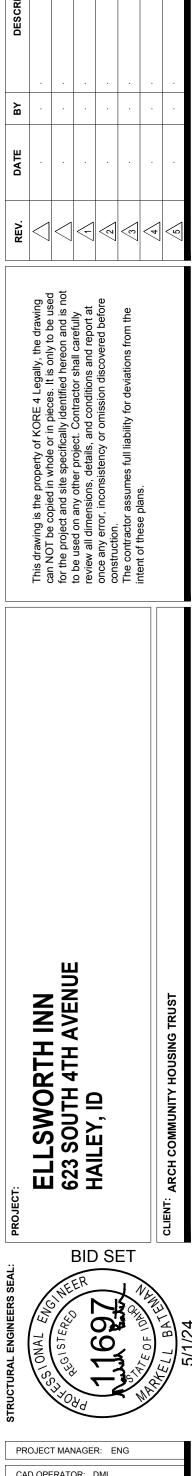
- 2. EXISTING BRICK CHIMNEY
- . INFILL EXISTING WALL OPENING W/ 2x FRAMING AT 16" O.C.
- INVERTED HANGER
- SOLID BLOCKING BETWEEN FLOOR AT POST ABOVE PER TYPICAL DETAIL

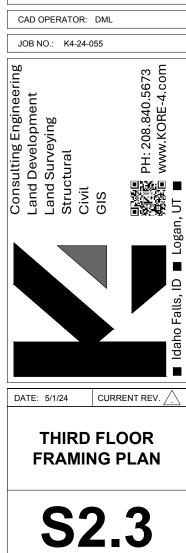
	BEAM (B) SCHEDULE			
MARK	SIZE			
(EB)	EXISTING BEAM			
B1	B1 (2) 2x8 OR 4x8 OR (2) 1 ³ / ₄ x5 ¹ / ₂ LVL			
B2 (2) 2x10 OR 4x10 OR (2) 1 ³ / ₄ x7 ¹ / ₄ LVL				
B3 (1) 1 ³ / ₄ x9 ¹ / ₂ LVL				
B4 (2) 1 ³ / ₄ x9 ¹ / ₂ LVL OR 3 ¹ / ₂ x9 ¹ / ₂ LVL				
B5	(3) 1¾x9½ LVL OR 5¼x9½ LVL			

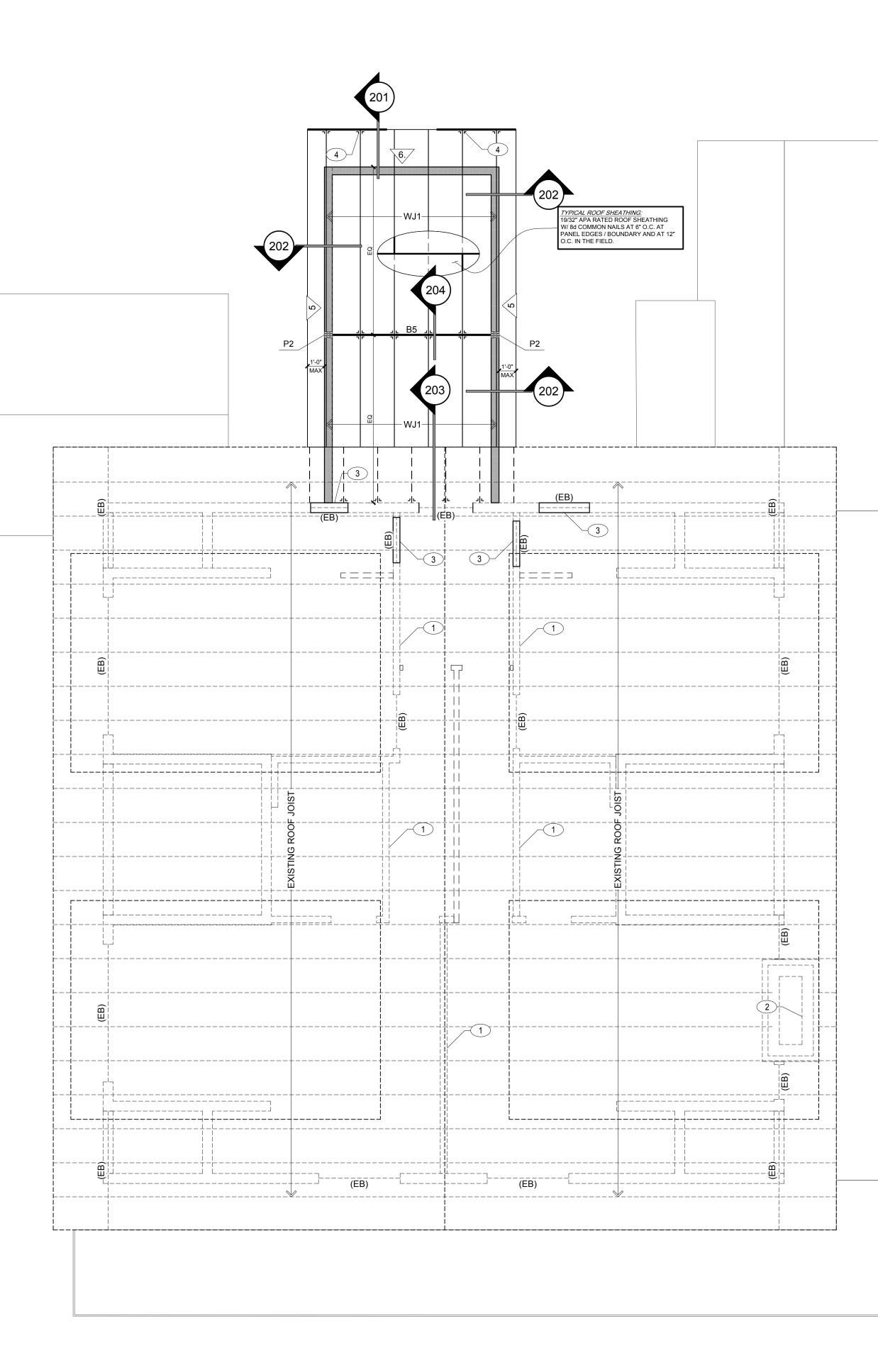
WOOD JOIST (WJ) SCHEDULE					
MARK	JOIST	FACE MOUNT HANGER	TOP FLANGE HANGER		
WJ1	9½" BCI 5000 AT 24" O.C.	IUS2.06/9.5 OR LSSR2.1Z (SLOPE AS REQURED)	ITS2.06/9.5		
WJ2	9½" BCI 5000 AT 16" O.C.	IUS2.06/9.5	ITS2.06/9.5		

WJ2 9 ¹ / ₂ " BCI 5000 AT 16" O.C.		. IUS2.	06/9.5	ITS2.06/9.5			
					STRUCTURAL E		
SHEARWALL HOLDOWN SCHEDULE							
	CAL DETAILS FOR ANCHOR BOLT EI			Y LOADS OF THE	0 PROJI		
STRUCTURE	. ADDITIONAL STUDS OR SOLID PC	OSTS MAY BE REQUIRE	D DEPENDENT ON H	OLDOWN TYPES.	CAD C		
MARK	HOLDOWN	SHEARWALL END POST UNO ON PLAN	ALTERNATE HOLDOWN	ANCHOR BOLT DIA.	JOB N		
$\langle \mathbf{A} \rangle$	SIMPSON STHD10	(2) 2x STUDS	HTT4 W/ (18) 0.162 x 2.5" NAILS	⁵ ⁄8" (FOR ALTERNATE)	Engineering opment		
В	SIMPSON MSTC40	(2) 2x STUDS	N/A	N/A	ting Enginee evelopment		

POST (P) SCHEDULE				
<u>NOTES:</u> 1. FOR CONNECTIONS AT EITHER END OF POST, SEE DETAILS. 2. UNO, SEE GENERAL STRUCTURAL NOTES (GSN) FOR LUMBER SPECIES AND GRADE.				
MARK	SIZE	SPECIES AND GRADE	CONNECTION	
P1	(2) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS	
P2	(3) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS	







MARK	
WJ1	91
WJ2	9)

ROOF FRAMING PLAN

SCALE:

WOOD JOIST (WJ) SCHEDULE

JOIST	FACE MOUNT HANGER	TOP FLANGE HANGER	
2" BCI 5000 AT 24" O.C.	IUS2.06/9.5 OR LSSR2.1Z (SLOPE AS REQURED)	ITS2.06/9.5	
2" BCI 5000 AT 16" O.C.	IUS2.06/9.5	ITS2.06/9.5	

ROOF FRAMING PLAN NOTES

VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.

MEMBER.

- B. ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.
- PROVIDE A SIMPSON MSTC40 STRAP AT DISCONTINUITY.
 TYPICAL BEARING WALL FRAMING SHALL BE 2x6 STUDS AT 16"
 O.C. UNO. WHERE ROOF TRUSSES OR JOISTS SPANS EXCEED 20'-0" ALIGN ADDITIONAL STUD BELOW ROOF FRAMING

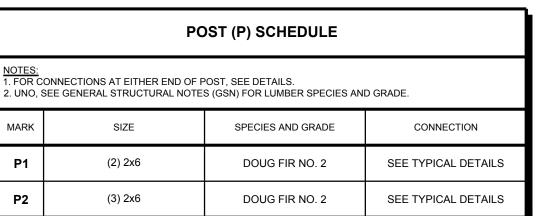
IF DOUBLE TOP PLATE IS NOTCHED, STEPPED OR BROKEN,

- E. PROVIDE TRIMMER STUDS (TS) AND KING STUDS (KS) AT OPENINGS AS FOLLOWS, U.N.O.: OPENINGS 6'-0" OR LESS, (1) TS & (1) KS, OPENINGS 6'-1" TO 9'-0", (1) TS & (2) KS, 9'-1" TO 12'-0", (2) TS & (3) KS. FOR ATTACHMENT, SEE "TYPICAL HEADER CONNECTION" DETAIL.
- WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.
- G. _____ WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.
- . <u>5</u>, <u>6</u>, <u>7</u>, -AS SHOWN ON PLAN INDICATES A SHEARWALL; HATCHING IN WALL DESIGNATES SHEARWALL LENGTH.
- I. B1, B2, ETC. AS SHOWN ON PLAN INDICATES A BEAM OR HEADER. SEE BEAM SCHEDULE FOR ADDITIONAL INFORMATION.
- J. WJ1, WJ2, ETC. AS SHOWN ON PLAN INDICATES A JOIST. SEE JOIST SCHEDULE FOR ADDITIONAL INFORMATION.
- K. P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.
- L. TIE EACH ROOF TRUSS AT BEARING LOCATIONS WITH (1) H2.5A OR (1) H1 CLIP, AND EACH GIRDER TRUSS WITH (2) H2.5A CLIPS, UNO.
- M. TIE EACH ROOF JOIST AT BEARING LOCATIONS WITH (1) H2.5A CLIP, UNO.
- N. PROVIDE BUILT-UP 2x POSTS BELOW EACH GIRDER TRUSS, MATCH GIRDER TRUSS WIDTH, U.N.O.
- O. OVERBUILD PONY WALLS (MAX 5'-6" SPACING FOR 2x6 OVERBUILD FRAMING AT 24" O.C. W/ SIMPSON LUS26 HANGER) PER "TYPICAL OVERBUILD" DETAIL.
- P. CS16, CS18, ETC. AS SHOWN AT WALL OPENINGS, PROVIDE STRAPPING PER "TYPICAL STRAP AT OPENING" DETAIL.
- Q. PROVIDE CONTINUOUS BEARING FOR ALL POSTS AND BUILT-UP STUDS TO THE FOUNDATION PER TYPICAL "SOLID BLOCKING BETWEEN FLOORS" DETAIL
- R. FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.
- S. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH TYPE "5" SHEARWALLS, UNO.

X PLAN KEYNOTES

- . EXISTING INTERIOR BEARING WALL
- 2. EXISTING BRICK CHIMNEY
- INFILL IN EXISTING WALL OPENING W/ 2x FRAMINT AT 16" O.C.

BEAM (B) SCHEDULE			
MARK	SIZE		
(EB)	EXISTING BEAM		
B1 (2) 2x8 OR 4x8 OR (2) 1 ³ / ₄ x5 ¹ / ₂ LVL			
B2 (2) 2x10 OR 4x10 OR (2) 1 ³ / ₄ x7 ¹ / ₄ LVL			
B3 (1) 1 ³ / ₄ x9 ¹ / ₂ LVL			
B4	(2) 1 ³ ⁄ ₄ x9 ¹ ⁄ ₂ LVL OR 3 ¹ ⁄ ₂ x9 ¹ ⁄ ₂ LVL		
B5 (3) 1 ³ / ₄ x9 ¹ / ₂ LVL OR 5 ¹ / ₄ x9 ¹ / ₂ LVL			

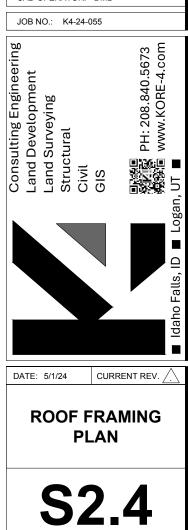


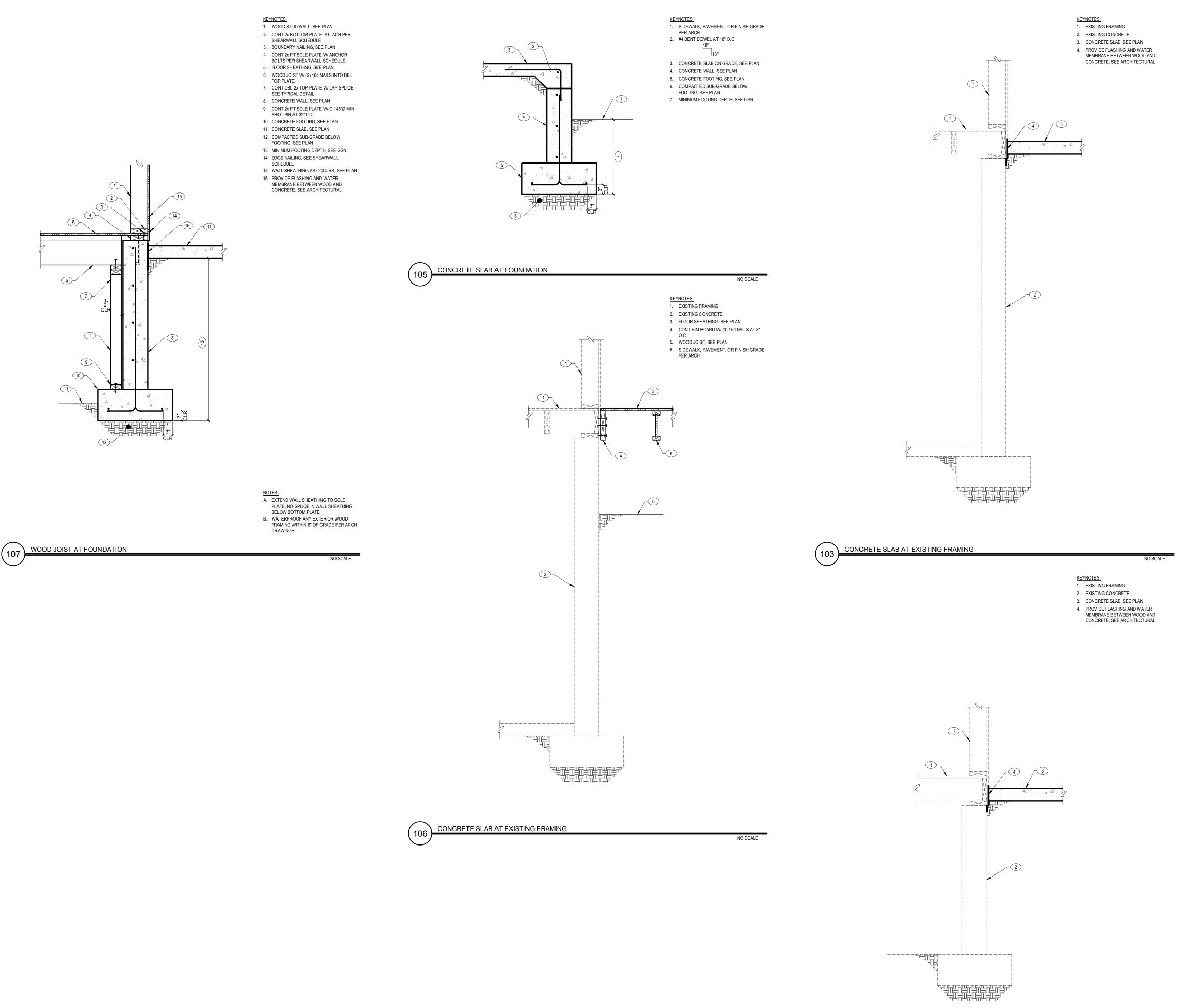
SHEARWALL TYPE SCHEDULE

NOTES: 1. SHEARWALL TYPES LISTED BELOW ARE NOT JOB SPECIFIC. SOME TYPES MAY NOT BE USED ON THE PLANS. 2. FRAMING MEMBER SUPPORTING MATERIAL SHALL BE SPACED AT 16" ON CENTER (O.C.) MAXIMUM. 3. ANCHOR BOLTS TO FOUNDATION SHALL BE 10" LONG AND SHALL BE EMBED 7" INTO CONCRETE. EXPANSION BOLTS OR SHOT PINS MAY BE USED AT INTERIOR WALLS (AWAY FROM EDGE OF SLAB OR SLAB STEP-DOWN) PER SUPPLEMENTAL INSTRUCTIONS. 4. A MINIMUM OF (2) ANCHOR BOLTS SHALL BE USED ON EACH BASE PLATE PIECE. PROVIDE (1) ANCHOR BOLT MINIMUM WITHIN 9" OF EACH END PIECE. 5. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS AND EXTERIOR WALL. UNLESS

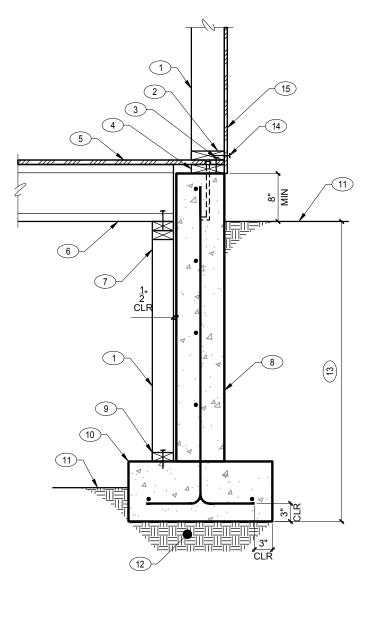
 5. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS AND EXTERIOR WALL. UNLESS NOTED OTHERWISE (U.N.O.), LAP SPLICE TOP PLATE A MINIMUM 4'-0" WITH 16d NAILS STAGGERED AT 2" ON CENTER (O.C.) ((24) 16d NAILS TOTAL BETWEEN SPLICE JOINTS.)
 6. PROVIDE FULL HEIGHT DOUBLE STUDS AT ENDS OF SHEARWALLS UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.
 7. BLOCK ALL PANEL EDGES. EDGE NAIL SHEATHING AT BLOCKED EDGES.

MARK	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	BOTTOM PLATE ATTACHMENT
5	‰" APA RATED	8d COMMON AT 6" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/¼"x3"x3" PLATE WASHERS AT 36" O.C.
\checkmark	SHEATHING (BLOCKED)			CONCRETE: 5/8"Ø A.B. W/ 1⁄4"x3"x3" PLATE WASHERS AT 48" O.C.
	ONE SIDE OF WALL			WOOD: 16d STAGGERED AT 6" O.C.
6.	7/6" APA RATED SHEATHING (BLOCKED) ONE SIDE	8d COMMON AT 4" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 24" O.C.
				CONCRETE: ⁵ /8"Ø A.B. W/ ¹ /4"x3"x3" PLATE WASHERS AT 32" O.C.
	OF WALL			WOOD:16d STAGGERED AT 4" O.C.
7	7∕16" APA RATED SHEATHING (BLOCKED) ONE SIDE OF WALL	8d COMMON AT 3" O.C.	8d COMMON AT 12" O.C.	CONCRETE: ½"Ø A.B. W/¼"x3"x3" PLATE WASHERS AT 18" O.C.
				CONCRETE: 5%"Ø A.B. W/ ¼"x3"x3" PLATE WASHERS AT 26" O.C.
				WOOD:16d STAGGERED AT 3" O.C.





- KEYNOTES: 1. WOOD STUD WALL, SEE PLAN 2. CONT 2x BOTTOM PLATE, ATTACH PER SHEARWALL SCHEDULE
- 3. BOUNDARY NAILING, SEE PLAN
- 4. CONT 2x PT SOLE PLATE W/ ANCHOR BOLTS PER SHEARWALL SCHEDULE
- 5. FLOOR SHEATHING, SEE PLAN
- 6. WOOD JOIST W/ (2) 16d NAILS INTO DBL
- TOP PLATE 7. CONT DBL 2x TOP PLATE W/ LAP SPLICE, SEE TYPICAL DETAIL
- CONCRETE WALL, SEE PLAN
 CONT 2x PT SOLE PLATE W/ 0.145"Ø MIN SHOT PIN AT 32" O.C.
- 10. CONCRETE FOOTING, SEE PLAN
- 11. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
- 12. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
- 13. MINIMUM FOOTING DEPTH, SEE GSN
- 14. EDGE NAILING, SEE SHEARWALL SCHEDULE
- 15. WALL SHEATHING AS OCCURS, SEE PLAN



NOTES: A. EXTEND WALL SHEATHING TO SOLE PLATE, NO SPLICE IN WALL SHEATHING

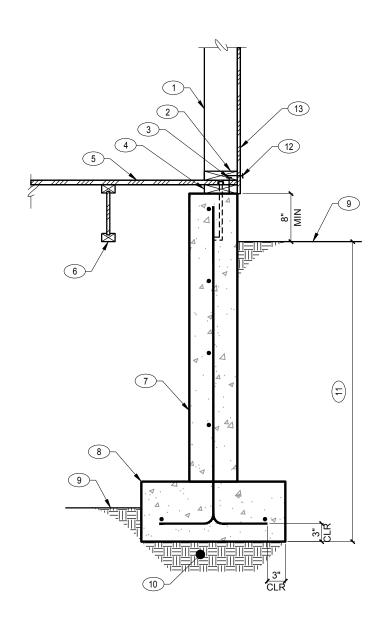
BELOW BOTTOM PLATE B. WATERPROOF ANY EXTERIOR WOOD FRAMING WITHIN 8" OF GRADE PER ARCH

NO SCALE

WOOD JOIST AT FOUNDATION 10

DRAWINGS

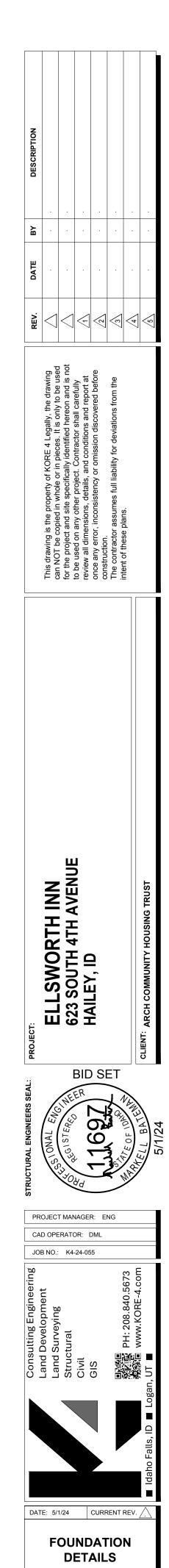
- KEYNOTES: 1. WOOD STUD WALL, SEE PLAN
- 2. CONT 2x BOTTOM PLATE, ATTACH PER SHEARWALL SCHEDULE
- 3. BOUNDARY NAILING, SEE PLAN 4. CONT 2x PT SOLE PLATE W/ ANCHOR BOLTS PER SHEARWALL SCHEDULE
- 5. FLOOR SHEATHING, SEE PLAN
- 6. WOOD JOIST, SEE PLAN
- 7. CONCRETE WALL, SEE PLAN 8. CONCRETE FOOTING, SEE PLAN
- 9. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH 10. COMPACTED SUB-GRADE BELOW
- FOOTING, SEE PLAN
- 11. MINIMUM FOOTING DEPTH, SEE GSN 12. EDGE NAILING, SEE SHEARWALL
- SCHEDULE 13. WALL SHEATHING AS OCCURS, SEE PLAN



NOTES: A. EXTEND WALL SHEATHING TO SOLE PLATE, NO SPLICE IN WALL SHEATHING

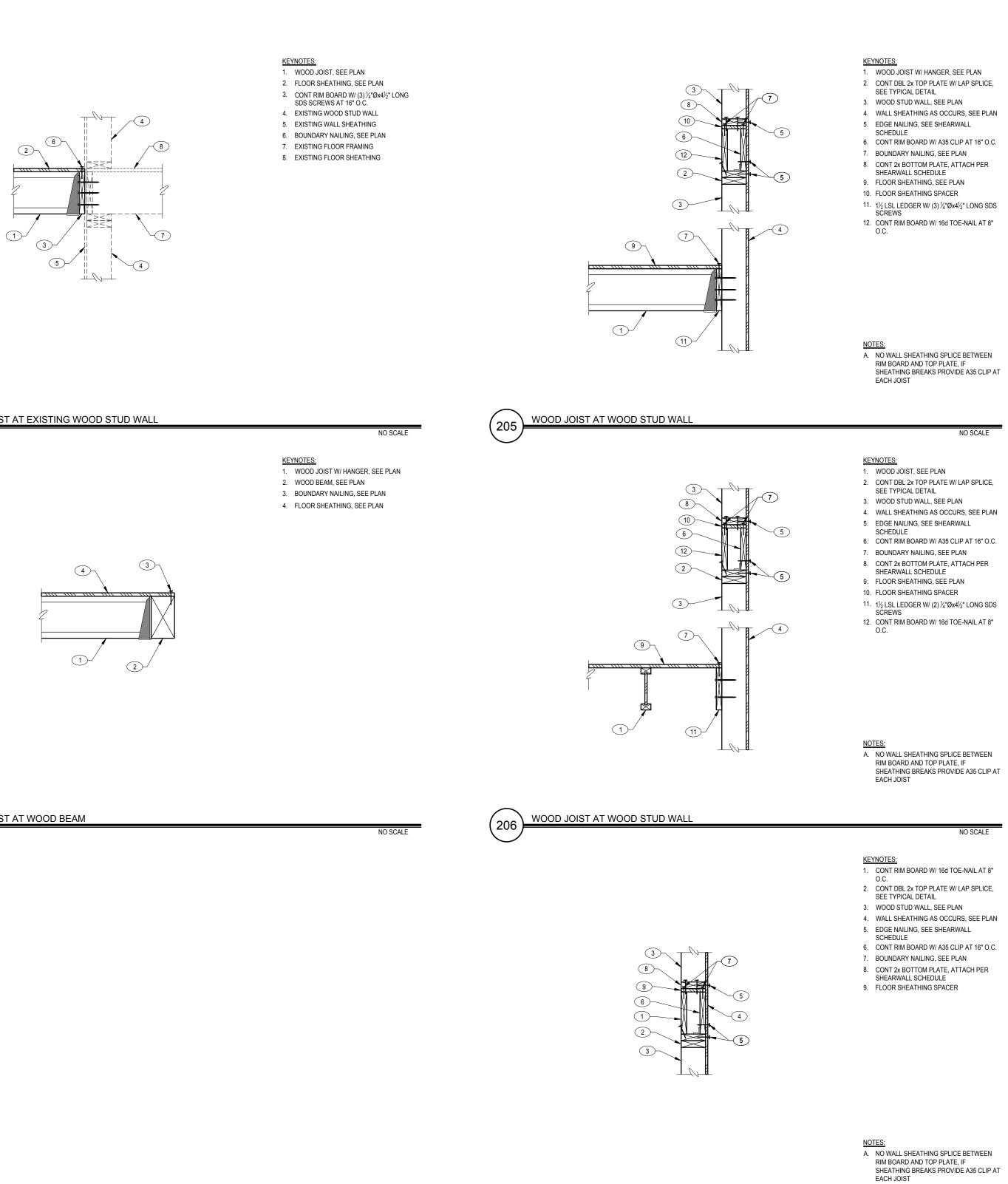
- BELOW BOTTOM PLATE B. WATERPROOF ANY EXTERIOR WOOD
- FRAMING WITHIN 8" OF GRADE PER ARCH DRAWINGS

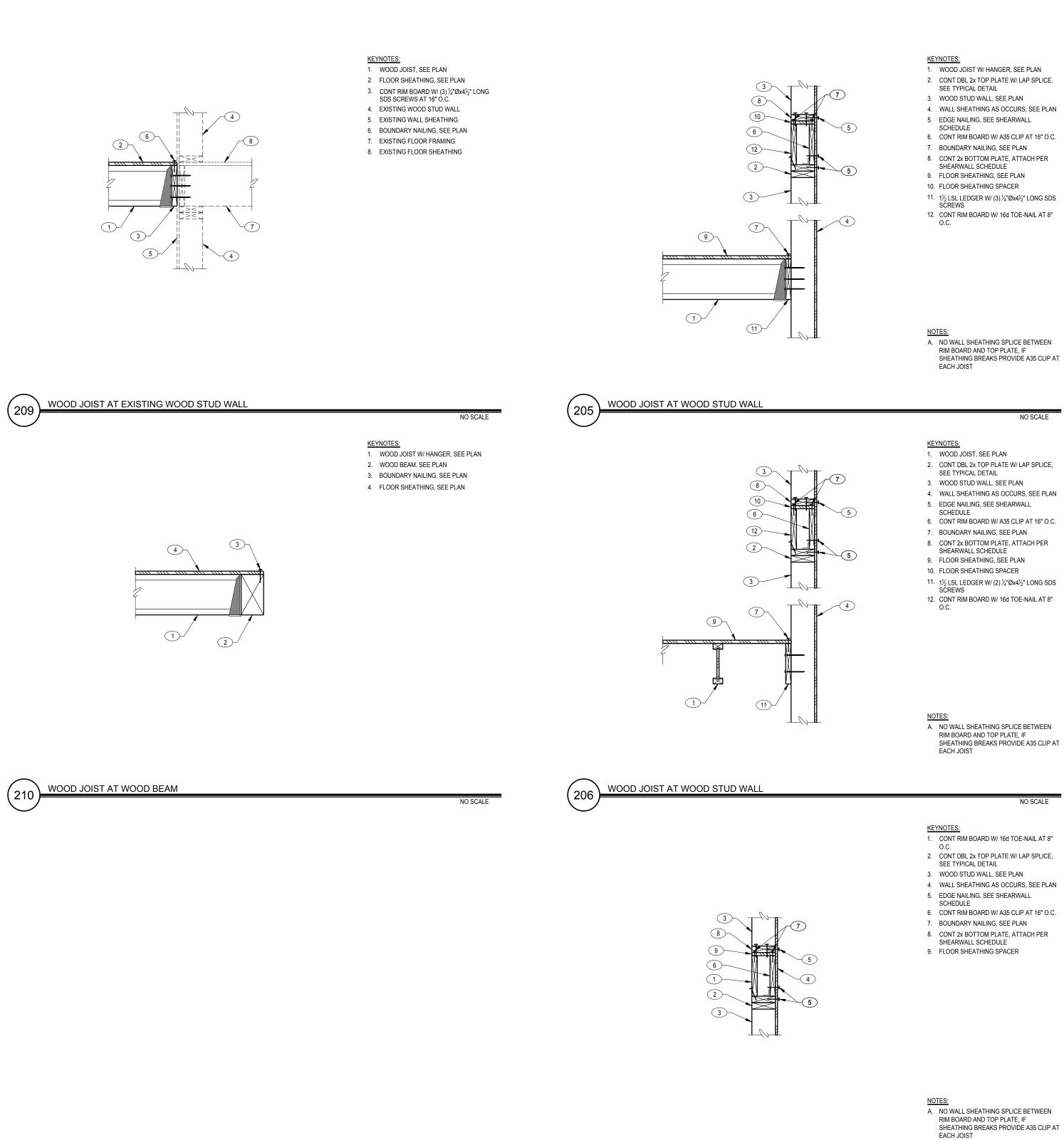
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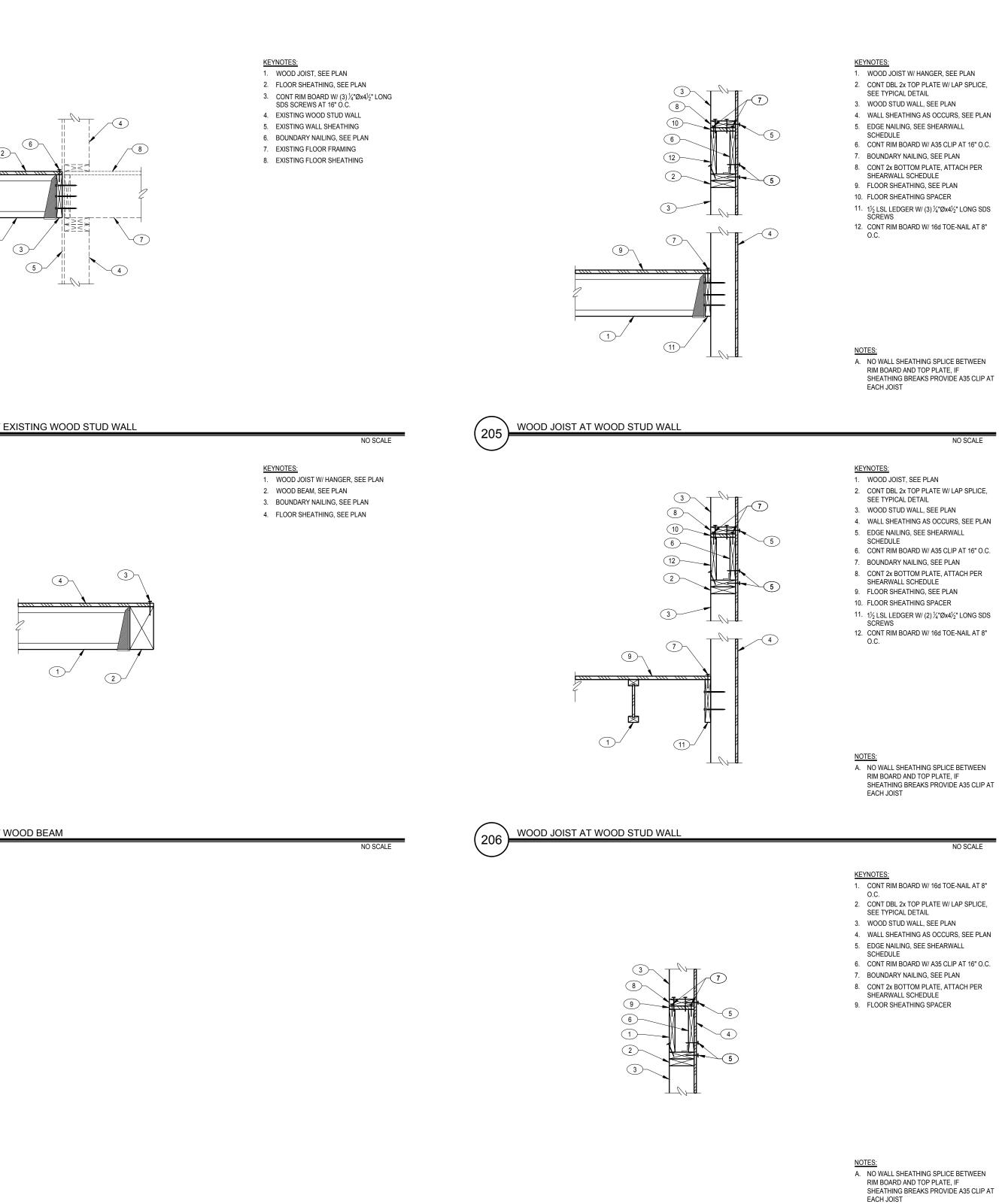


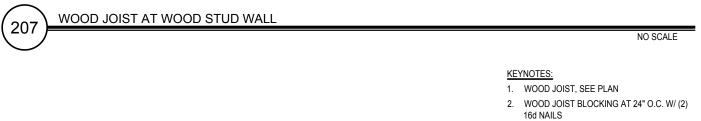
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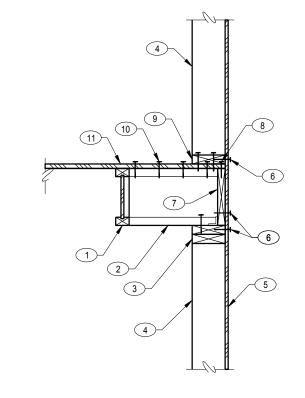




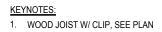


- 3. CONT DBL 2x TOP PLATE W/ LAP SPLICE,
- SEE TYPICAL DETAIL 4. WOOD STUD WALL, SEE PLAN
- 5. WALL SHEATHING AS OCCURS, SEE PLAN 6. EDGE NAILING, SEE SHEARWALL
- SCHEDULE 7. CONT RIM BOARD
- 8. BOUNDARY NAILING, SEE PLAN
- 9. CONT 2x BOTTOM PLATE, ATTACH PER SHEARWALL SCHEDULE
- 10. (4) 10d NAILS INTO EACH BLOCK 11. FLOOR SHEATHING, SEE PLAN

NOTES: A. NO WALL SHEATHING SPLICE BETWEEN RIM BOARD AND TOP PLATE, IF SHEATHING BREAKS PROVIDE A35 CLIP AT EACH JOIST



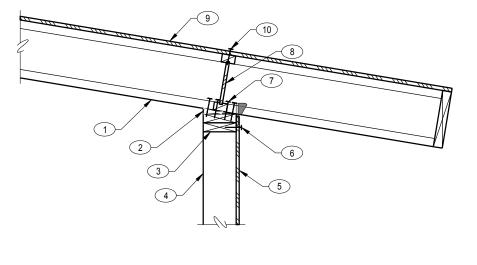




- 2. CONT SHAPED BLOCK W/ 16d NAILS AT 6"
- 3. CONT DBL 2x TOP PLATE W/ LAP SPLICE,
- SEE TYPICAL DETAIL 4. WOOD STUD WALL, SEE PLAN
- 5. WALL SHEATHING AS OCCURS, SEE PLAN
- 6. EDGE NAILING, SEE SHEARWALL SCHEDULE
- 7. (4) 16d NAILS IN BOTTOM FLANGE OF EACH JOIST
- 8. JOIST BLOCKING W/ (4) 16d NAILS BETWEEN EACH JOIST

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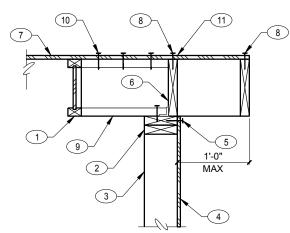
9. ROOF SHEATHING, SEE PLAN 10. BOUNDARY NAILING, SEE PLAN





WOOD JOIST AT WOOD STUD WALL

202



- KEYNOTES: 1. WOOD JOIST, SEE PLAN 2. CONT DBL 2x TOP PLATE W/ LAP SPLICE,

NO SCALE

NO SCALE

NO SCALE

- SEE TYPICAL DETAIL
- 3. WOOD STUD WALL, SEE PLAN

NOTES: A. COORDINATE ROOF VENTILATION

B. FASCIA PER ARCHITECTURAL DETAILS

- 4. WALL SHEATHING AS OCCURS, SEE PLAN 5. EDGE NAILING, SEE SHEARWALL
- SCHEDULE 6. CONT RIM JOIST W/ A35 CLIP AT 16" O.C.
- 7. ROOF SHEATHING, SEE PLAN
- 8. BOUNDARY NAILING, SEE PLAN
- 9. I-JOIST BLOCKING AT 24" O.C. W/ (2) 16d NAILS AT EACH BLOCK
- 10. (3) 8d NAILS INTO EACH JOIST BLOCK 11. NO SPLICE IN ROOF SHEATHING

