

ARCHITECT

REVISED

BASIC PERMIT PACKAGE REVIEWED FOR CODE COMPLIANCE WITH IRC 2015 KITSAP COUNTY BUILDING DEPARTMENT

CHANGES **MUST Be Approved Prior** To Performing Work

STRUCTURAL NOTES

1. REINFORCING STEEL (TYPICAL, UNLESS NOTED OTHERWISE): ASTM A 615, GRADE 60.

2. DETAIL, FABRICATE AND PLACE REINFORCING ACCORDING TO ACI 315, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT".

3. TYPICAL REINFORCING (MINIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS): CORNERS AND INTERSECTIONS OF WALLS AND FOUNDATIONS: CORNER BARS EQUAL IN SIZE AND NUMBER TO HORIZONTAL

REINFORCING. LEG LENGTH: 48 BAR DIAMETERS (2'-0" MINIMUM).

4. DO NOT FIELD BEND, DISPLACE, WELD, HEAT OR CUT REINFORCING UNLESS INDICATED ON THE DRAWINGS, OR APPROVED BY ENGINEER

5. PLACE ELECTRICAL CONDUIT NEAR CENTER OF ELEVATED SLAB.

6. SPLAY REINFORCING AROUND SLAB OPENINGS WITH 1" IN 10" SPLAY, UNLESS NOTED OTHERWISE.

• 3 ± 1/2" TO BOTTOM OF FOOTING

2" ± 1/4" TO EARTH FACE OF WALL

1" ± 1/4" TO INSIDE FACE OF WALL

• 3/4" SLAB TO TOP AND BOTTOM SURFACES

9. REINFORCING LAP SPLICES: CONFORM WITH ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", 2-FEET, UNLESS NOTED OTHERWISE ON DRAWINGS:

1. PROVIDE CONCRETE MATERIALS, FORM WORK, MIXING, PLACING AND CURING ACCORDING TO ACI 301, "STANDARD SPECIFICATION FOR

CAST-IN-PLACE ANCHORS SHALL BE ACCURATELY AND SECURELY PLACED.

• ANCHOR BOLTS; BOLTS WITH ROLLED THREADS, ANCHOR BOLT NUTS: CONFORM WITH ASTM A194, ASTM A307 MATERIAL HOT-DIPPED GALVANIZED ACCORDING TO ASTM A153.

• UNLESS NOTED OTHERWISE ON PLANS PROVIDE 5/6" Ø x 7" EMBEDMENT WITH 1/4" x3" SQ PL WASHERS AT MAXIMUM 72" ON-CENTER SPACING AT FOUNDATION SILL PLATES. SIMPSON STRONG-TIE MASA OR MASAP MUDSILL ANCHORS MY BE USED IN-LIEU-OF ANCHOR BOLTS AND PLATE WASHERS. SEE SHEARWALL SCHEDULE FOR SPACING. 2. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS & WITH IBC SPECIAL INSPECTION ACCORDING TO SPECIAL INSPECTION

 MECHANICAL ANCHORS: ICC-APPROVED; CONFORM WITH FF-S-325, GROUP II, TYPE 4, CLASS 1. MATERIAL: (ZINC PLATED ACCORDING TO ASTM B 633, HOT-DIPPED GALVANIZED ACCORDING TO ASTM A 153, OR AISI 304 STAINLESS STEEL). UNLESS NOTED OTHERWISE ON PLANS EMBED MECHANICAL ANCHORS 4" MINIMUM INTO CONCRETE. ACCEPTABLE ANCHORS: "KWIK-BOLT TZ", BY HILTI FASTENING SYSTEMS, INC, "STRONG BOLT 2" BY SIMPSON STRONG-TIE COMPANY,

 ADHESIVE ANCHORS (CONCRETE): ICC APPROVED. ANCHOR COMPONENTS: ALL-THREAD ROD, NUT, WASHER AND ADHESIVE INJECTION GEL SYSTEM. ANCHOR RODS: RODS WITH ROLLED THREADS. ANCHOR ROD NUTS: CONFORM WITH ASTM A 194. ASTM A 36 MATERIAL HOT-DIPPED GALVANIZED ACCORDING TO ASTM A 153.

ACCEPTABLE ADHESIVE INJECTION GEL SYSTEMS

"SET", BY SIMPSON STRONG-TIE COMPANY, INC. "HIT HY 200 SAFE", BY HILTI FASTENING SYSTEMS, INC.

1. LUMBER SPECIES: DOUGLAS FIR-LARCH GRADE LUMBER ACCORDING TO RULES OF WEST COAST LUMBER INSPECTION BUREAU (WCLIB).

NO. 1 INTERIOR BEARING WALL STUDS NO. 1 NO. 1 NO. 1

NO. 1 BLOCKING, PLATES, BRIDGINGSTANDARD OR BETTER OR STUD GRADE

3. MAXIMUM MOISTURE CONTENT: 19% AT 3x OR LESS (LEAST DIMENSIONS) MEMBERS. 4. PROVIDE SOLID BLOCKING (SAME DEPTH OF MEMBER) AT ALL POINTS OF BEARING (MAXIMUM SPACING OF 8'-0" ON-CENTER), AT JOISTS

WITH A 5:1 OR GREATER DEPTH-TO-THICKNESS RATIO OR WHERE ONE EDGE OF JOIST IS NOT ATTACHED TO SHEATHING, WALLBOARD,

5. MEMBER DIMENSIONS INDICATED ARE STANDARD NOMINAL UNLESS NOTED OTHERWISE.

6. WOOD IN CONTACT WITH CONCRETE OR MASONRY ACCORDING TO AWPA STANDARD C-2. LABEL PRESERVATIVE-TREATED LUMBER WITH THE AWPB (AMERICAN WOOD PRESERVERS BUREAU) QUALITY MARK.

7. DOUBLE ALL FLOOR JOISTS UNDER ALL PARALLEL PARTITIONS. 8. SEE SCHEDULE AND DRAWINGS FOR FASTENING.

1. MEMBER SPECIES: WESTERN; MEMBER GRADE: SIMPLE SPANS; 24F-V4; CONTINUOUS OR CANTILEVERED SPANS: 24F-V8. 2. MATERIAL STANDARDS: ALLOWABLE STRESSES: AITC 117. ARCHITECTURAL APPEARANCE GRADE: AITC 110-2001. MANUFACTURE AND FABRICATION: AITC A190.1. FABRICATE WITH WATERPROOF GLUES. SHAPE TOP OF MEMBERS TO ROOF SLOPE. ADD LAMINATIONS AS REQUIRED FOR SHAPING. PROVIDE STANDARD 3500 FOOT RADIUS CAMBER, UNLESS NOTED OTHERWISE ON DRAWINGS. IDENTIFY MEMBERS WITH THE APA-EWS MARK OF AMERICAN WOOD SYSTEMS OR MEMBER INSPECTION IS REQUIRED BY AN INDEPENDENT TESTING LAB. ERECT MEMBERS ACCORDING TO AITC SPECIFICATIONS.

1. PLYWOOD MATERIAL: GRADE: C-D, UNLESS NOTED OTHERWISE. MANUFACTURED WITH EXTERIOR GLUE ACCORDING TO UNITED STATES PRODUCT STANDARD PS 1-83/ANSI AL 99.1. CONFORM WITH APA PRODUCT STANDARD PS 1-07. SHALL BEAR THE AMERICAN PLYWOOD ASSOCIATION (APA) TRADEMARK. SUBSTITUTION OF ORIENTED STRAND BOARD (OSB) FOR PLYWOOD IS ACCEPTABLE IF THE OSB: CONFORMS WITH APA PS 2-04, GRADE 2-M-W. MANUFACTURED WITH EXTERIOR GLUE. LOAD/SPAN RATING INDEX EQUAL TO PLYWOOD.

2. PROVIDE PRESSURE-TREATED PLYWOOD WHERE INDICATED ON DRAWINGS. CONFORM WITH AWPA STANDARD C-9. MARK SHEETS WITH

•• ROOF SHEATHING: ¹⁵/₃₂" INDEX ³²/₁₆ FLOOR: ³/₄" INDEX ⁴⁸/₂₄ T&G MINIMUM.

•• WALLS: ¹⁵/₃₂" INDEX ³²/₁₆

3. PLYWOOD LAYOUT AND INSTALLATION: LAY OUT PLYWOOD SHEATHING WITH END JOINTS STAGGERED, UNLESS NOTED OTHERWISE. LAY OUT PLYWOOD TO ELIMINATE WIDTHS LESS THAN 2'-0" UNLESS ALL EDGES OF UNDERSIZED PIECES ARE SUPPORTED BY BLOCKING. PROVIDE PANEL SPACING ACCORDING TO APA RECOMMENDATIONS. BLOCK SHEAR WALL SHEATHING WITH 2x4 FLAT BLOCKING AT ALL EDGES. FASTEN ACCORDING TO SCHEDULE AND DRAWINGS.

Permit Number: 19-03650R

4. PROTECT FLOOR AND ROOF SHEATHING FROM EXTREME WET CONDITIONS.

ENGINEERED WOOD PRODUCTS

- 1. CONFORM WITH ALL APPLICABLE PROVISIONS OF TH 2. WOOD PRODUCT MANUFACTURER: TRUS JOIST, A WE
- 3. TJI SERIES JOISTS: FURNISH ALL END AND INTERMEDIATE STIFFENE AS REQUIRED TO PROVIDE A COMPLETE FLOOR MANUFACTURED FROM LVL MATERIAL AND SHAL BUSINESS SERIES INDICTED ON THE DRAWINGS.
- WRITTEN APPROVAL OF THE STRUCTURAL ENGI 4. PARALLEL STRAND LUMBER "PSL". BEAM, HEADER, BLOCKING: 2.0E GRADE OTHER
- 5. LAMINATED STRAND LUMBER "LSL". RIM BOARD: 1¹/₄" WIDE, 1.3E GRADE OTHERWISE
- BEAM, HEADER, BLOCKING: 1.5E GRADE OTHER
- STUDS: 1 ½" WIDE, 1.5E GRADE. FOUNDATION SILL PLATES: STRANDGUARD 1.3E
- 7. SLOPED BEARING REQUIREMENTS: JOIST SUPPLIER /
- 8. DOUBLE ALL JOISTS UNDER MECHANICAL UNITS, UNL 9. DO NOT NOTCH OR DRILL STRUCTURAL MEMBERS, EX
- FASTENING AND CONNECTIONS
- 1. PROVIDE THE MINIMUM NUMBER OF FASTENERS PER
- DRAWINGS 2. SIMPSON STRONG-TIE CONNECTORS IN CONTACT WI TO EXTERIOR SHALL BE ZMAX, HDG OR SST300. FOLI
- RESISTANT CONNECTORS. 3. PROVIDE GRACE VYCOR® DECK PROTECTOR IN-LIEU
- PRESERVATIVE-TREATED WOOD, FIRE-RETARDANT-1
- 4. FASTENERS IN PRESERVATIVE-TREATED OR FIRE-RE HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAII
- 5. NAIL TYPE: COMMON OR SINKER, UNLESS NOTED OT

6. SEE FASTENER SCHEDULE FOR FASTENER SIZE AND

- **PLYWOOD SHEATHING CONNECTIONS** 1. ROOF SHEATHING
- BLOCK ALL EDGES WITH 2x4 FLATS
- FASTENING: ALL NAILS COMMON UNLESS NOTEI
- •• AT EDGES OF EACH SHEET, BLOCKING & WA AT INTERIOR OF SHEETS...
- •• AT BOUNDARIES OF ROOF
- 2. FLOOR SHEATHING
- IMMEDIATELY PRIOR TO PLACING PANELS, APPL
- WITH AFG-01, TO TOPS OF ALL JOISTS, BLOCKING FASTENING: ALL NAILS COMMON UNLESS NOTE
- USED IN-LIEU-OF COMMON NAILS, AT SAME SPAC
- AT EDGES OF EACH SHEET, BLOCKING & WA
- AT INTERIOR OF SHEETS ..
- AT BOUNDARIES OF FLOOR .
- 3. WALL SHEATHING BLOCK ALL EDGES NOT SUPPORTED BY FRAMING
- FASTENING: ALL NAILS COMMON UNLESS NOTE
- •• AT EDGES OF EACH SHEET, BLOCKING & WA
- AT INTERIOR OF SHEETS .. •• AT BOUNDARIES OF ROOF ... ••

LIGHT-METAL PLATE-CONNECTED WOOD TRUSSES

- 1. DESIGN TRUSS SYSTEM ACCORDING TO PROVISIONS TRUSSES", BY THE TRUSS PLATE INSTITUTE, UNLESS
- 2. TRUSS DESIGN CRITERIA: ROOF TRUSSES:
- •• DEAD LOAD: 15 PSF
- SNOW LIVE LOAD: 25 PSF
- WIND UPLIFT LOAD: 18.1 PSF ZONE 1, 22.9 PS ••
- LIVE LOAD DEFLECTION: L/360, MAX •• FLOOR TRUSSES:
- DEAD LOAD: 15 PSF ••
- LIVE LOAD: 40 PSF AT FLOORS & 60 PSF AT I ••
- LIVE LOAD DEFLECTION: L/600, MAX
- PROVIDE TRUSS AND COMPRESSIVE MEMBI LOADS, INCLUDING BRACING FOR WIND UPL
- 3. CONNECTION PLATE DESIGN: DEVELOP FULL DESIGN
- POUNDS. 4. SHOP DRAWINGS:
- INCLUDE ERECTION PLAN SHOWING LATERAL BF CONNECTIONS.
- SUBMIT TRUSS DESIGN CALCULATIONS SHOWIN
 - SUBMIT ICC APPROVAL INFORMATION. 5. SUBMIT CERTIFICATES FROM AN INDEPENDENT INSP CONFORM WITH APPROVED SHOP DRAWINGS SUBM

DRAWING IN	DFX	<u></u>	ANY
S1.0 STRUCTURAL NOTES & PROJECT INFORMATION			COMPANY
S1.1 STRUCTURAL SCHEDULES		EST UP,	
S2.0 SHEARWALL & HOLDOWN PLANS & SCHEDULES S2.1 FOUNDATION/FIRST FLOOR PLAN	~~~~~~		DNI
S2.1A ALTERNATE FOUNDATION/FIRST FLOOR PLAN		THWES	EER
S2.2 SECOND FLOOR FRAMING PLAN			ENGINEERING
S2.2A ALTERNATE SECOND FLOOR FRAMING PLAN			EN
S2.3 THIRD FLOOR ROOF FRAMING PLAN		N N N	VAL
S2.4 UPPER ROOF FRAMING PLAN		U E	ESSIONAL LBON CT. NA 98346 3
S3.0 SECTIONS & DETAILS			DFESSI MALBON NN, WA 98 2803
S3.1 SECTIONS & DETAILS S3.2 SECTIONS & DETAILS		PACIF	PROF I 33 NE MA GSTON, V 0.903.280
S3.3 SECTIONS & DETAILS		P/ ST	A P 6193 KING 360.9
S3.4 TYPICAL SECTIONS & DETAILS			
ENGINEERED WOOD PRODUCTS 1. CONFORM WITH ALL APPLICABLE PROVISIONS OF THE IBC.			
 WOOD PRODUCT MANUFACTURER: TRUS JOIST, A WEYERHAEUSER BUSINES TJI SERIES JOISTS: 			-
 FURNISH ALL END AND INTERMEDIATE STIFFENERS, BLOCKING AND/OR S AS REQUIRED TO PROVIDE A COMPLETE FLOOR OR ROOF STRUCTURAL 	SYSTEM. TOP AND BOTTOM CHORDS OF TJI JOISTS SHALL BE		20
MANUFACTURED FROM LVL MATERIAL AND SHALL BE EQUAL TO OR GRE BUSINESS SERIES INDICTED ON THE DRAWINGS. DEPTH(S) OF JOIST(S) (WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.			Γ
4. PARALLEL STRAND LUMBER "PSL".			- -
 BEAM, HEADER, BLOCKING: 2.0E GRADE OTHERWISE NOTED ON PLANS 5. LAMINATED STRAND LUMBER "LSL". 		< <p>< ≥</p>	Σ
 RIM BOARD: 1¼" WIDE, 1.3E GRADE OTHERWISE NOTED ON PLANS. BEAM, HEADER, BLOCKING: 1.5E GRADE OTHERWISE NOTED ON PLANS. 		ΟŹ	SR SR
 STUDS: 1½" WIDE, 1.5E GRADE. FOUNDATION SILL PLATES: STRANDGUARD 1.3E GRADE 			F O
 SLOPED BEARING REQUIREMENTS: JOIST SUPPLIER AND CONTRACTOR TO C DOUBLE ALL JOISTS UNDER MECHANICAL UNITS, UNLESS NOTED OTHERWISE 		RD 16	Ζ
 DO NOT NOTCH OR DRILL STRUCTURAL MEMBERS, EXCEPT AS APPROVED BY FASTENING AND CONNECTIONS 	Y THE ENGINEER OF RECORD PRIOR TO INSTALLATION.		-
 PROVIDE THE MINIMUM NUMBER OF FASTENERS PER THE FASTENER SCHED DRAWINGS. 	ULE FOR WOOD MEMBERS, UNLESS NOTED OTHERWISE ON	80 0N	
 SIMPSON STRONG-TIE CONNECTORS IN CONTACT WITH PRESERVATIVE-TREATOR EXTERIOR SHALL BE ZMAX, HDG OR SST300. FOLLOW SIMPSON STRONG- 		N S	Ш
RESISTANT CONNECTORS. 3. PROVIDE GRACE VYCOR® DECK PROTECTOR IN-LIEU-OF CORROSION RESIST			L C
PRESERVATIVE-TREATED WOOD, FIRE-RETARDANT-TREATED WOOD AT INTE 4. FASTENERS IN PRESERVATIVE-TREATED OR FIRE-RETARDANT-TREATED WOO			R
HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON B 5. NAIL TYPE: COMMON OR SINKER, UNLESS NOTED OTHERWISE ON DRAWINGS			₽_
6. SEE FASTENER SCHEDULE FOR FASTENER SIZE AND LOCATION. PLYWOOD SHEATHING CONNECTIONS			S ⊂
 1. ROOF SHEATHING BLOCK ALL EDGES WITH 2x4 FLATS 		Ц П С Щ	м М М
FASTENING: ALL NAILS COMMON UNLESS NOTED OTHERWISE			о С С Ш
•• AT INTERIOR OF SHEETS8D AT	Г 12" ОС	oo	Ē
•• AT BOUNDARIES OF ROOF			
 IMMEDIATELY PRIOR TO PLACING PANELS, APPLY A ¼" DIAMETER CONTINUE WITH AFG-01, TO TOPS OF ALL JOISTS, BLOCKING AND PLATES. 			≤ 2
 FASTENING: ALL NAILS COMMON UNLESS NOTED OTHERWISE. SIMPSON USED IN-LIEU-OF COMMON NAILS, AT SAME SPACING INDICATED BELOW. 			۲, ۲
AT EDGES OF EACH SHEET, BLOCKING & WALLS	NT10"OC		20 2 2
AT BOUNDARIES OF FLOOR		N N	Г П
 BLOCK ALL EDGES NOT SUPPORTED BY FRAMING MEMBERS WITH 2x4 FL FASTENING: ALL NAILS COMMON UNLESS NOTED OTHERWISE 		ŏ ⊅	
 AT EDGES OF EACH SHEET, BLOCKING & WALLS	Г 12" ОС		
AT BOUNDARIES OF ROOF8D AT	[−] 6" OC		SREN STRU
LIGHT-METAL PLATE-CONNECTED WOOD TRUSSES 1. DESIGN TRUSS SYSTEM ACCORDING TO PROVISIONS OF "DESIGN SPECIFICA"	TIONS FOR LIGHT METAL PLATE CONNECTED WOOD	R ⊨ N = N	
TRUSSES", BY THE TRUSS PLATE INSTITUTE, UNLESS NOTED OTHERWISE. 2. TRUSS DESIGN CRITERIA:			
 ROOF TRUSSES: DEAD LOAD: 15 PSF 		NH MARK	S S
 SNOW LIVE LOAD: 25 PSF WIND UPLIFT LOAD: 18.1 PSF ZONE 1, 22.9 PSF ZONE 2, & 44.7 PSF Z 	ONE 3	The of W.	ASPART I
 LIVE LOAD DEFLECTION: L/360, MAX FLOOR TRUSSES: 		T S S	they the
 DEAD LOAD: 15 PSF LIVE LOAD: 40 PSF AT FLOORS & 60 PSF AT DECKS 			
 LIVE LOAD DEFLECTION: L/600, MAX PROVIDE TRUSS AND COMPRESSIVE MEMBER LATERAL BRACING AI 	ND CONNECTIONS FOR CONSTRUCTION AND PERMANENT	POL	TERED NER
LOADS, INCLUDING BRACING FOR WIND UPLIFT. 3. CONNECTION PLATE DESIGN: DEVELOP FULL DESIGN STRESS IN A MEMBER.		ESSION	ALENG
POUNDS. 4. SHOP DRAWINGS:			
 INCLUDE ERECTION PLAN SHOWING LATERAL BRACING FOR TRUSS COM CONNECTIONS. 	IPRESSIVE MEMBERS AND REQUIRED BRACING	REVIS	
 SUBMIT TRUSS DESIGN CALCULATIONS SHOWING MEMBER FORCES AND SUBMIT ICC APPROVAL INFORMATION. 	COMBINED STRESSES.		EC-19 PR-20
5. SUBMIT CERTIFICATES FROM AN INDEPENDENT INSPECTION COMPANY ASSE CONFORM WITH APPROVED SHOP DRAWINGS SUBMIT INSPECTION CERTIFIC		<u>/2\</u> 08-A	FR-20
 CONNECT TRUSSES TO SUPPORTING MEMBERS WITH ONE SIMPSON H1 ANC DOUBLE TRUSSES UNDER MECHANICAL UNITS, UNLESS NOTED OTHERWISE. 	HOR & TWO 10D TOE NAILS, UNLESS NOTED OTHERWISE.		
	DIGITAL SIGNATURE	DATE: 22- II	JN-19
		PROJECT NO: 19	9-002A
		S1	
			. U
		1 OF 12	SHEETS

BAR	D A	180° H	OOKS	90° HOOKS
SIZE		A OR G	J	A OR G
#3	21⁄4"	5"	3"	6"
#4	3"	6"	4"	8"
# 5	3¾"	7"	5"	10"
#6	4½"	8"	6"	1'-0"
<i>#</i> 7	5¼"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
# 9	9½"	1'-3"	11¾"	1'-7"
# 10	10¾"	1'-5"	1'-1¼"	1'-10"
<i>#</i> 11	12"	1'-7"	1'-2¾"	2'-0"
#14	18¼"	2'-3"	1'-9¾"	2'-7"
<i>#</i> 18	24"	3'-0"	2'-4½"	3'-5"

DETAILING DIMENSION

#8

#9

#1O

NOTES:

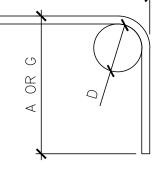
22

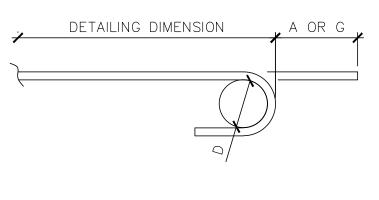
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1. ALL LENGTHS ARE IN INCHES.

NORMAL-WEIGHT CONCRETE.





	SEISMIC STIRRUP/TIE			
	BAR SIZE	D A		MIC HOOK
			A OR G	НB
	#3	1 1/2"	4 ¼"	3"
	#4	2"	4 ½"	3"
	#5	2 1/2"	5 ½"	3 3/4"
	#6	4 ½"	8"	4 ½"
	#7	5 ¼"	9"	5 1/4"
	#8	6"	10 ½"	6"
DETAILING DIMENSION A OR			NPPROXIMAT	

HOO	K DEVELOPMENT LENGTH
BAR SIZE	f'c = 3,000 psi
#3	9
#4	11
#5	14
#6	17
#7	19

2. VALUES ARE BASED ON GRADE 60 REINFORCING BARS &

	#6
	#7
N	#8
υ	A) D = FI B) H DIME
A OR G	B) H DIME
<	
	$\overline{\mathbf{x}}$
IS N	
, IN	
0	
DETAILING DIMENSION	

BAR SIZE

#3

#4

#5

D ^A

1½"

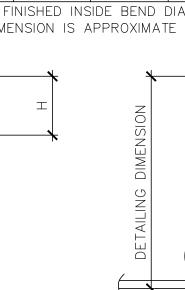
2"

2½"

4½" 5¼"

6"

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BASIC PERMIT PACKAGE REVIEWED FOR CODE COMPLIANCE WITH IRC 2015 KITSAP COUNTY BUILDING DEPARTMENT

Subject To Field Inspection

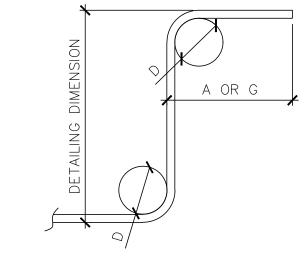
Reviewed for code compliance with IRC 2015 Kitsap County Building Department GShapiro@co.kitsap.wa.us 07/24/2020

Reviewed for code compliance with IRC 2015 Kitsap County Building Department gshapiro@co.kitsap.wa.us 08/05/2020

CHANGES MUST Be Approved Prior To Performing Work

SEISMIC STIRRUP/TIE

STI	STIRRUP AND TIE HOOKS					
A	13	35°	90°			
	A OR G	Н ^В	A OR G			
,,	4"	21⁄2"	4"			
	4½"	3"	4½"			
"	5½"	3¾"	6"			
"	8"	4½"	1'-0"			
,,	9"	5¼"	1'-2"			
	10½"	6"	1'-4"			
D INSIDE BEND DIAMETER						



			ABBRE\	/IATIC	DNS		
AB	ANCHOR BOLT	EQ	EQUAL, EQUIVALENT	JT	JOINT	R	RADIUS
ACI	AMERICAN CONCRETE INST.	EQUIP	EQUIPMENT	L	ANGLE SECTION	REF	REFERENCE
ADD'L	ADDITIONAL	ES	EACH SIDE	LG	LONG	REINF	REINFORCING
ALT	ALTERNATE	EW	EACH WAY	LONGIT	LONGITUDINAL	REQ'D	REQUIRED
APPROX	APPROXIMATE	(E)	EXISTING	LL	LIVE LOAD	RW	RETAINING WALL
ARCH	ARCHITECTURAL	EXP	EXPANSION	LLH	LONG LEG HORIZONTAL	REV	REVISION
AT	ATTIC TRUSS	EXT	EXTERIOR	LLV	LONG LEG VERTICAL	SC	SLIP CRITICAL
BLDG	BUILDING		COMPRESSIVE STRENGTH OF	LT	LIGHT	SCHED	SCHEDULE
BLKG	BLOCKING	f'c	CONCRETE, PSI	МАХ	MAXIMUM	SHTG	SHEETING, SHEATHING
BM	BEAM	FDN	FOUNDATION	МВ	MACHINE BOLT	SIM	SIMILAR
BRG	BEARING	FIN	FINISH	МС	MISC CHANNEL SECTION	SECT	SECTION
BOT	воттом	FF	FAR FACE, FINISH FLOOR	MANF	MANUFACTURED	SOG	SLAB ON GRADE
С	CHANNEL SECTION	FLR	FLOOR	МЕСН	MECHANICAL	SPECS	SPECIFICATIONS
CGS	CENTROID OF TENDON	FLG	FLANGE	MEZZ	MEZZANINE	SQ	SQUARE
CJ	CONTROL JOINT	FOC	FACE OF CONCRETE	MIN	МІЛІМИМ	SS	STAINLESS STEEL
Ę	CENTERLINE	FOM	FACE OF MASONRY	MISC	MISCELLANEOUS	STAG	STAGGER(ED)
CLR	CLEAR	FOS	FACE OF STEEL, STUD	NF	NEAR FACE	STD	STANDARD
СМU	CONCRETE MASONRY UNIT	FS	FAR SIDE	NIC	NOT IN CONTRACT	STIFF	STIFFENER
COL	COLUMN	FTG	FOOTING	NO or #	NUMBER	STL	STEEL
CONC	CONCRETE	GA	GAUGE	NS	NEAR SIDE	STRUCT	STRUCTURAL
CONN	CONNECTION	GALV	GALVANIZED	NOM	NOMINAL	SW	SHEARWALL
CONST	CONSTRUCTION	GAT	GIRDER ATTIC TRUSS	NTS	NOT TO SCALE	SYMM	SYMMETRICAL
CONT	CONTINUOUS, CONTINUITY	GRD	GRADE	OC	ON CENTER	Т	MANUFACTURED WOOD TRUSS
CONT'D	CONTINUED	GT	GIRDER TRUSS	OD	OUTSIDE DIAMETER	(T)	TOP
CSK	COUNTERSINK	HD	HOLDOWN	OPNG	OPENING	Т&В	TOP & BOTTOM
DBL	DOUBLE	HDG	HOT DIPPED GALVANIZED	OPP	OPPOSITE	THRD	THREAD
DET	DETAIL	HDR	HEADER	PARA	PARALLEL	тос	TOP OF CONCRETE
Ø	DIAMETER	HGR	HANGER	PCF	POUNDS PER CUBIC FOOT	TOS	TOP OF STEEL
DIM	DIMENSION	HORIZ	HORIZONTAL	PEN	PANEL EDGE NAILING	TYP	TYPICAL
DL	DEAD LOAD	HS	HIGH STRENGTH	PERP	PERPENDICULAR	UNO	UNLESS NOTED OTHERWISE
DO	DITTO	HSS	HOLLOW STRUCTURE STEEL	PL	PLATE	VERT	VERTICAL
DT	DRAG TRUSS	ΗT	HEIGHT OR HIP TRUSS	PROJ	PROJECTION	W	WIDE FLANGE SECTION
DWL	DOWEL	IBC	INTERNATIONAL BUILDING CODE	PSF	POUNDS PER SQUARE FOOT	W/	WITH
EA	EACH	INFO	INFORMATION	PSI	POUNDS PER SQUARE INCH	W/O	WITHOUT
EF	EACH FACE	INFO	INFORMATION	PT	PRESERVATIVE TREATED	WWF	WELDED WIRE FABRIC
ELEV	ELEVATION	INT	INTERIOR				

FASTENER SCHEDULE				
CONNECTION	FASTENING	LOCATION		
JOIST TO SILL OR GIRDER	(3) 8D	TOE NAIL		
BRIDGING TO JOIST	(2) 8D	TOE NAIL EACH END		
SOLE PLATE TO JOIST OR BLKG	16D AT 16" OC	TYPICAL FACE NAIL		
SOLE PLATE TO JOIST OR BLKG	(3) 16D AT 16" OC	SHEARWALL - FACE NAIL		
TOP PLATE TO STUD	(2) 16D	END NAIL		
STUD TO SOLE PLATE	(2) 16D	END NAIL		
STUD TO 3x SOLE PLATE	(2) 20D	END NAIL		
BUILT-UP CORNER STUDS	16D AT 12" OC			
MULTIPLE STUDS	16D AT 12" OC	FACE NAIL		
DBL TOP PLATE	16D AT 16" OC	FACE NAIL		
DBL TOP PLATE - LAP SPLICE	(8) 16D	FACE NAIL (EACH SIDE)		
BLKG JOISTS OR RAFTERS TO TOP PLATE	(3) 8D			
RIM JOIST TO TOP PLATE	8D AT 6" OC	TOE NAIL		
CONTINUOUS HEADER, TWO PIECES	16D AT 16" OC	ALONG EDGE		
CEILING JOISTS TO PLATE	(3) 8D	TOE NAIL		
CONTINUOUS HEADER TO STUD	(4) 8D	TOE NAIL		
CEILING JOISTS, LAPS OVER PARTITIONS	(3) 16D	FACE NAIL		
CEILING JOISTS .TO PARA RAFTERS	(3) 16D	FACE NAIL		
RAFTER TO PLATE	(3) 8D COMMON	TOE NAIL		
BUILT-UP GIRDER, FLR JOISTS, AND BEAMS	(2) 16D AT 12" OC CLINCHED	FACE NAIL AT TOP & BOT STAGGERED ON OPPOSITE SIDES EQUAL 6" OC		
COLLAR TIE TO RAFTER	(3) 10D	FACE NAIL		
JACK RAFTER TO HIP	(3) 10D	TOE NAIL		
JACK RAFTER TO HIP	(2) 16D	FACE NAIL		
ROOF RAFTER TO 2x RIDGE BM	(2) 16D	TOE NAIL		
JOIST TO RIM JOIST	(3) 16D	FACE NAIL		
LEDGER STRIP	(3) 16D	FACE NAIL		

#	P	DST S	CHEDULE
MARK	SIZE	SPECIES & GRADE	COMMENTS
1	6x6	DF-L NO. 1	
2	(2) 2x4	DF-L NO. 1	
3	(2) 2x6	DF-L NO. 1	
4	4×4	DF-L NO. 1	
5	4x6	DF-L NO. 1	
6	PT 4x4	HF NO. 1	

BEAF	RING WALL
	SCHEDULE
SIZE	SPECIES & GRADE

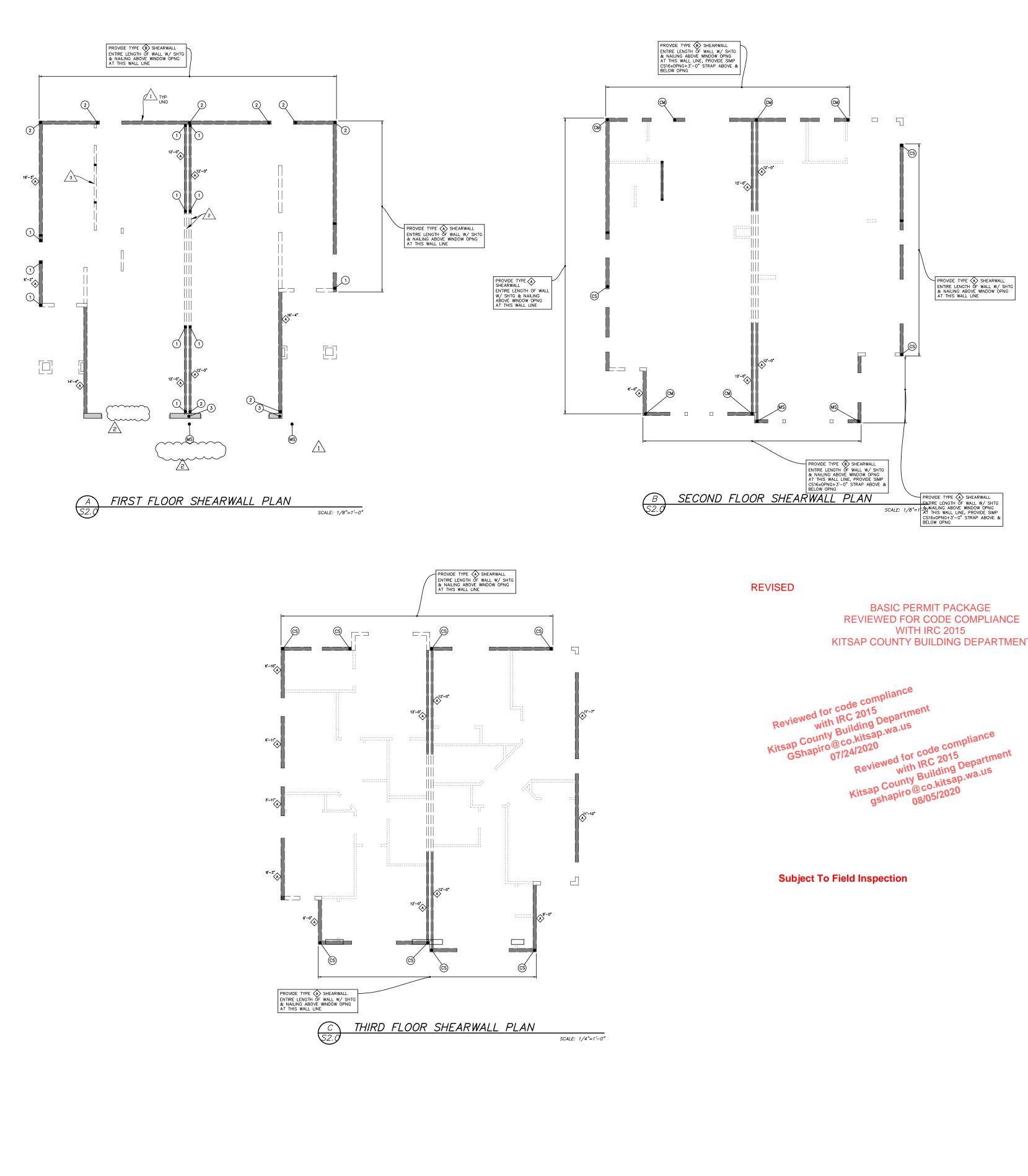
MARK	SIZE	SPECIES & GRADE
1	2x6 @ 16" OC	DF-L NO. 2
2	2x4 @ 16" OC	DF-L NO. 2
3	2x4 @ 8" OC	DF-L NO. 2

#

F#	FOC	TING	SCHE	EDULE
			1	

MARK	SIZE	REINFORCING
F1.6	1'-6" SQx0'-10"	#4 @ 8" OC EW
F2	2'-0" SQx0'-10"	#4 @ 8" OC EW
F3.2	3'-2" SQx0'-10"	#4 @ 8" OC EW

PROJECT	W AN	RED BARN LANE - DUPLEX 1880/1620A	PACIFIC NORTHWEST
22-J ^{NO:} 1 DF 12	P OF W ACCOUNTS OF THE STORE	NW HOGAN LN & NELS NELSON RD NW	STRUCTURAL GROUP, INC
9-0	303 STERED VAL EN	REMERTON WA 98311	A PROFESSIONAL ENGINEERING COMPANY
-19 02A 1	-		6193 NE MALBON CT. KINGSTON, WA 98346
ГS			360.903.2803



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HOLDOWN & TENSION STRAP SCHEDULE

	HOLDOWN OR ¹	ANCHOR	POST ³	FOC	FOOTING		
MARK	TENSION STRAP	ROD ²	P031	SIZE	REINF'G	(LBS)	
1	HDU2-SDS2.5	%"∅x1'−6" EMBED	(2) 2x	N/A	N/A	3,075	
2	HDU5-SDS2.5	5%"øx1'−3" EMBED	(2) 2x	2'-0" SQx1'-0"	#4x1-8 @ 12" OC	5,645	
CS	CSx14-4'-0"	N/A	2x	N/A	N/A	2,490	
СМ	CMST14x6'-0"	N/A	(2) 2x	N/A	N/A	6,490	
MS	MSTC48B3	N/A	(2) 2x	N/A	N/A	3,975	

NOTES:

- 1. PROVIDE SIMPSON STRONG-TIE OR EQUIVALENT. FOR EQUIVALENT HOLDOWN OR STRAP, SUBMIT TO ENGINEER OF
- RECORD FOR APPROVAL. INSTALL PER MANUFACTURER SPECIFICATIONS. 2. PROVIDE ASTM A36 OR A307 THREADED ROD W/ PL 1/4"x3" SQ W/ DBL NUTS @ END.
- 3. USE MINIMUM TWO STUDS AT END OF SHEARWALL. PROVIDE EDGÉ NAILING FOR FULL HEIGHT OF MULTIPLE STUDS OR POST AT TIE DOWN ANCHOR, DOOR AND WINDOW JAMBS.
- 4. PLACE HD NO CLOSER THAN 6" TO FND VENT OR OTHER CONC STEM WALL OPNG'S.

$\langle X \rangle$		SHEARWALL SCHEDULE					
MARK	WALL SHEATHING	FAS	TENING ²	FOUNI	DATION SILL PLATE	SOLE PLATE	
	SHEATTING	PANEL EDGE ³	INTERMEDIATE SUPPORT	SIZE	FASTENER	FASTENERS	FASTENERS
A	¹⁵ ⁄ ₃₂ " SHTG	8d @ 6" OC	8d @ 12" OC	2x	5%"ø @ 60" OC	16d @ 8" OC	SIMP LS50 @ 24" OC
В	¹⁵ ⁄ ₃₂ " SHTG	8d @ 4" OC	8d @ 12" OC	Зx	5%"ø @ 40" OC	(2) 16d @ 12" OC	SIMP LS50 @ 16" OC
С	¹⁵ ⁄ ₃₂ " SHTG	8d @ 3" OC	8d @ 12" OC	Зx	5%"ø @ 32" OC	(3) 16d @ 12" OC	SIMP LS70 @ 16" OC

NOTES:

- 1. BLOCK ALL PANEL EDGES. SEE STRUCTURAL NOTES FOR SHTG REQUIREMENTS. SEE DETAIL 6/S3.3 FOR TYPICAL CONSTRUCTION.
- NAILS SHALL BE COMMON TYPE.
- PROVIDE EDGE NAILING AT ALL END STUDS, SILL PLATES, RIM BOARDS, AND TOP PLATES. STAGGER EDGE NAILING FOR FULL HEIGHT OF STUDS AT HOLD DOWN ANCHORS, DOOR JAMBS, AND WINDOW JAMBS. 4.
- 5. USE 3x STUDS OR DBL 2x STUDS FASTENED TOGETHER W/ (2) 10d NAILS @ 12" OC @ LOCATIONS RECEIVING EDGE NAILING FROM ABUTTING PANELS FOR SHEARWALL TYPE(S) B & C AT ALL FRMG LEVELS.
- BOLT LAYOUT AND SILL PLATE NOTCHING REQUIREMENTS. 7. PROVIDE ASTM A307 ANCHOR BOLTS WITH 7" MIN EMBEDMENT FOR FOUNDATION SILL PLATES AGAINST CONC. APPROVED MECHANICAL ANCHORS MAY BE USED IN-LIEU-OF ANCHOR BOLTS. SEE STRUCTURAL NOTES FOR
- MECHANICAL ANCHOR PLACE WALL SHEATHING ON SAME SIDE OF WALL AS WHERE SHEARWALL MARK IS LOCATED OR ARROW POINTS. 9. PROVIDE DOUG-FIR LARCH MEMBERS FOR ALL SHEARWALLS.
- 10. PROVIDE MINIMUM TWO (2) STUDS AT END OF SHEARWALL UNO. SEE HOLDOWN SCHEDULE FOR ADD'L POST SIZE INFORMATION.

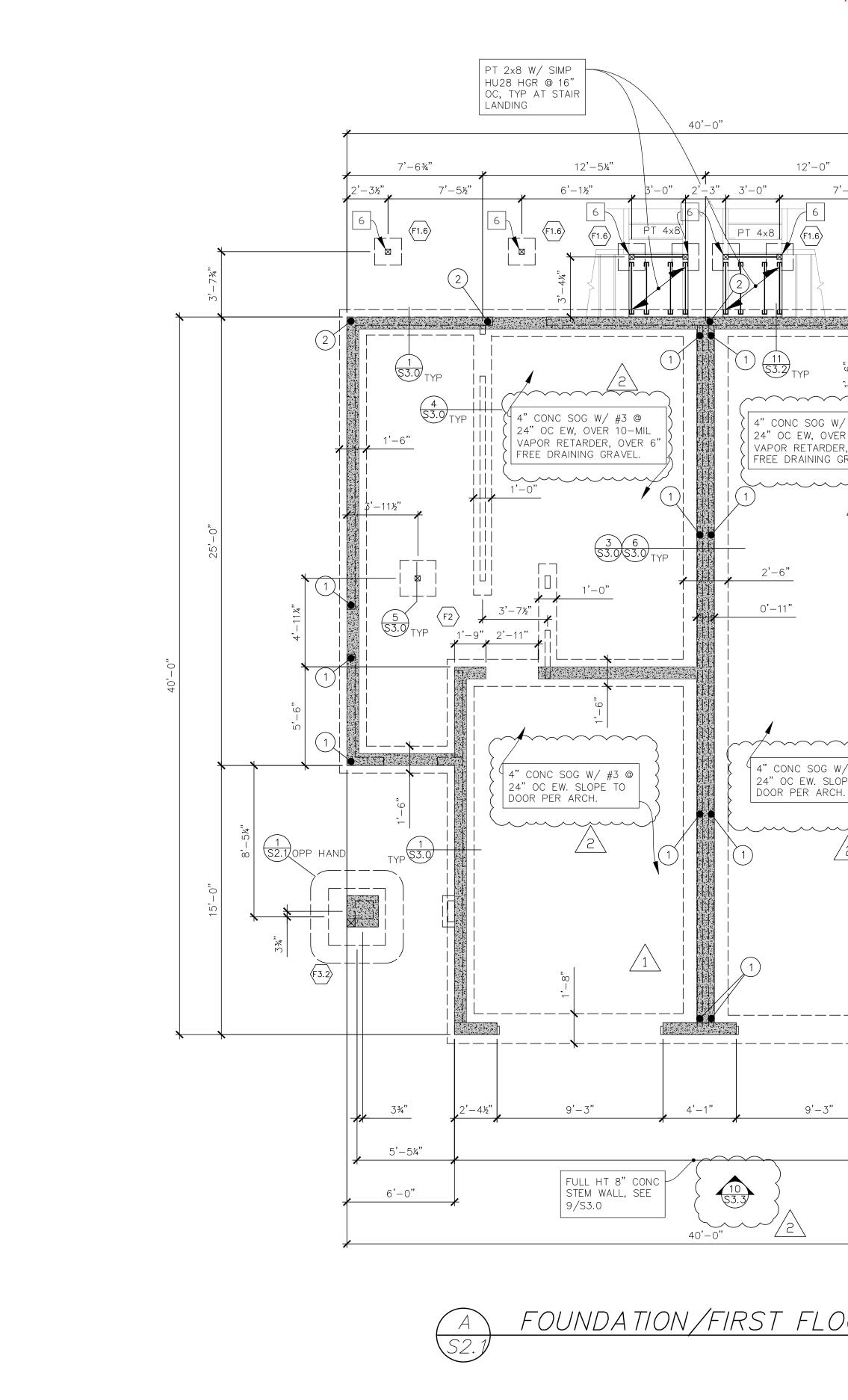
CHANGES MUST Be Approved Prior **To Performing Work**

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6. SILL PLATES AGAINST CONCRETE SHALL BE PRESERVATIVE-TREATED. SEE DETAIL 2/S3.3 FOR TYPICAL ANCHOR

APPROVED MECHANICAL ANCHORS. PROVIDE PL¼"x3" SQ GALVANIZED WASHERS AT EACH ANCHOR BOLT OR

PROJECT			RED BARN LANE - DUPLEX 1880/1620A	PACIFIC NORTHWEST
		DOF VERSION	NW HOGAN LN & NELS NELSON RD NW	STRUCTURAL GROUP, INC
UN-1 9-002	SIONS	STERED 303 STERED VAL ENGIN	BREMERTON, WA 98311	A PROFESSIONAL ENGINEERING COMPANY
		A A A A A A A A A A A A A A A A A A A	SHEARWALL & HOLDOWN PLANS & SCHEDULES	8133 NE MALEDUN CI. KINGSTON, WA 98346 360.903.2803

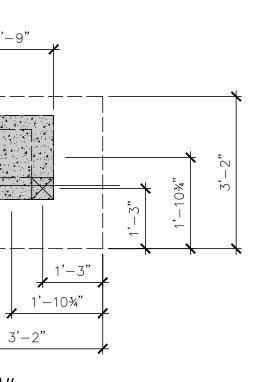


REVISED

BASIC PERMIT PACKAGE REVIEWED FOR CODE COMPLIANCE WITH IRC 2015 KITSAP COUNTY BUILDING DEPARTMENT

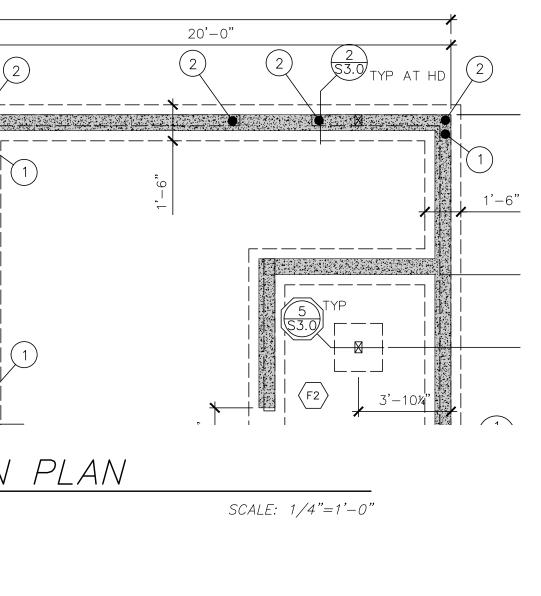
FOUNDATION NOTES: 12'-0" 8'-0" 7'-6¾" 7'-9½" 6%" 16 | 6 (F1.6) (F1.6) **Subject To Field Inspection** \$3.0 TYP (2 AT HE 10. (F#) 11. 1'-6" (#) $\sim \sim \sim \sim \sim \sim \sim$ 4" CONC SOG W/ #3 @ 24" OC EW, OVER 10-MIL VAPOR RETARDER, OVER 6" 12. WALL. FREE DRAINING GRAVEL. CHANGES MUST Be Approved Prior To Performing Work 1'-9" 1' - 6''\$3.0 $\overline{(\overline{3.9})}$ $\checkmark \sim \sim \sim \sim$ 4" CONC SOG W/ #3 @ 1 PLAN DETAIL 24" OC EW. SLOPE TO ____ 77 40'-0" 7'-6¾" 12'-5¼" (2 (1) (\$3.0) TY ·-8½" 3¾" 9'-3" 1'-6" 6'-9¼" 1'-0" 7'-4" $\overline{3}\overline{6}$ ALTERNATE FOUNDATION PLAN В <u>S2.</u> 1FOUNDATION/FIRST FLOOR FRAMING PLAN SCALE: 1/4"=1'-0"

- SEE SHEET S1.0 FOR STRUCTURAL NOTES. SEE SHEET S1.1 FOR STRUCTURAL SCHEDULES SEE SHEET S2.2 FOR PLAN NOTES.
- SEE SHEET S3.4 FOR TYPICAL DETAILS & SECTIONS.
- COORDINATE ALL DIMENSIONS AND FEATURES NOT SHOWN WITH ARCHITECT, AS ALL DIMENSIONS SHOWN ARE DERIVED FROM ARCHITECTURAL PLANS. IT REMAINS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS.
- BOTTOM OF EXTERIOR FOOTINGS TO BE A MINIMUM OF 1'-0''BELOW FINISH GRADE AND 1'-O" BELOW EXTERIOR FINISH
- GRADE, WHICH EVER IS GREATER. STEP FOOTING AS SHOWN OR NEEDED TO PROVIDE TOP OF FOOTING 1'-O" MINIMUM BELOW GRADE.
- ALL FOOTINGS MUST TO BEAR ON UNDISTURBED NATIVE SOILS OR ON APPROVED STRUCTURAL FILL THAT BEARS ON IN-PLACE NATIVE SOIL. CENTER FOOTINGS UNDER COLUMNS UNO.
- INDICATES 8" CONC STEM WALL. PROVIDE #4xCONT HORIZ T&B, & #4xCONT HORIZ @ 18" OC WHERE STEM HT EXCEEDS 3'-0". SEE DETAILS SHEET S3.0 FOR ADD'L INFO.
- INDICATES FOOTING TYPE & LOCATION. SEE FOOTING SCHEDULE FOR ADD'L INFORMATION.
- INDICATES HOLDOWN TYPE & LOCATION. SEE HOLDOWN SCHEDULE FOR ADD'L INFORMATION. NOTE HOLDOWNS WHICH ORIGINATE ON FOUNDATION ARE ALSO SHOWN ON SHEET S2.2.
- PLACE MAX 3'-O" DIFFERENTIAL BACKFILL AGAINST CONC STEM

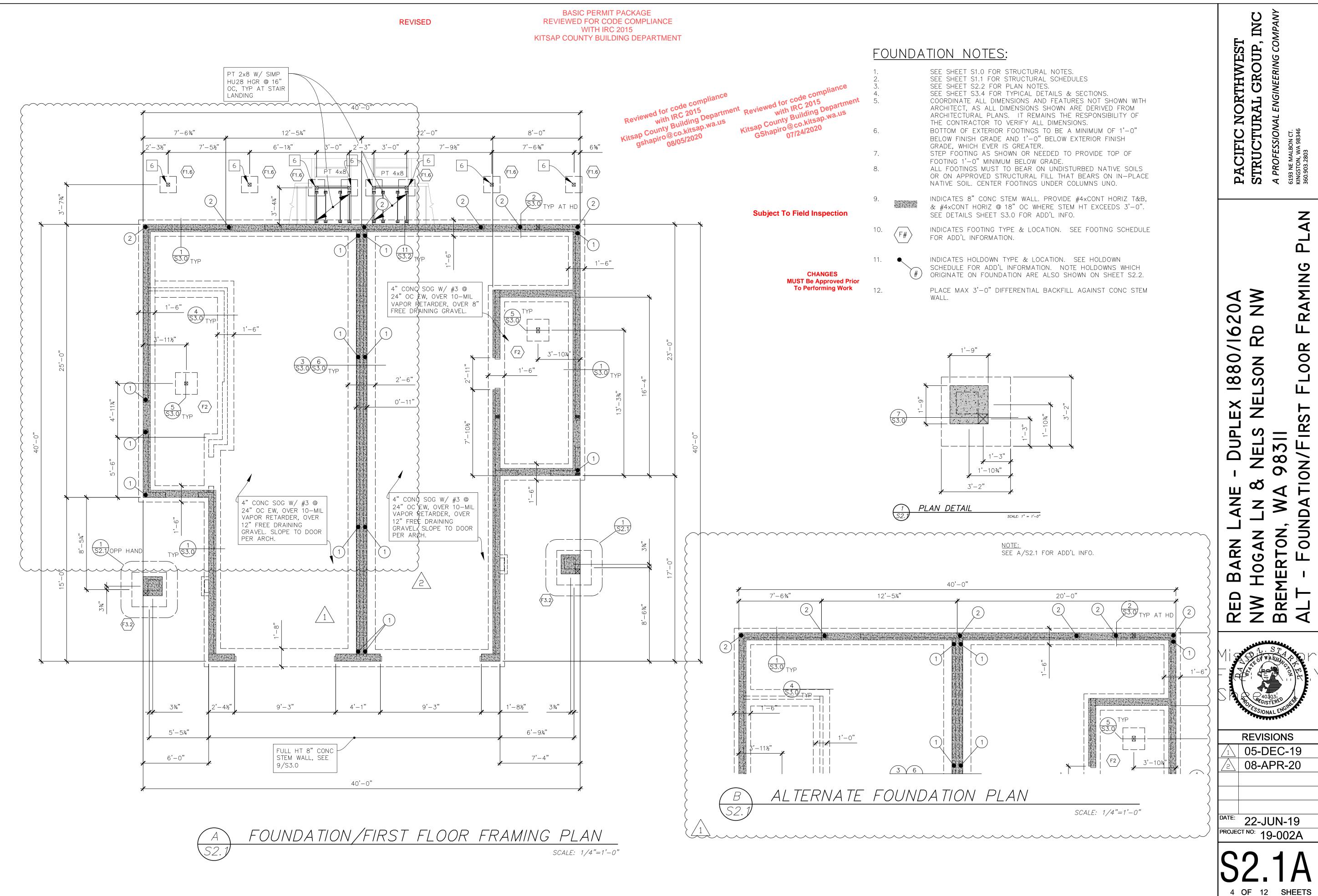


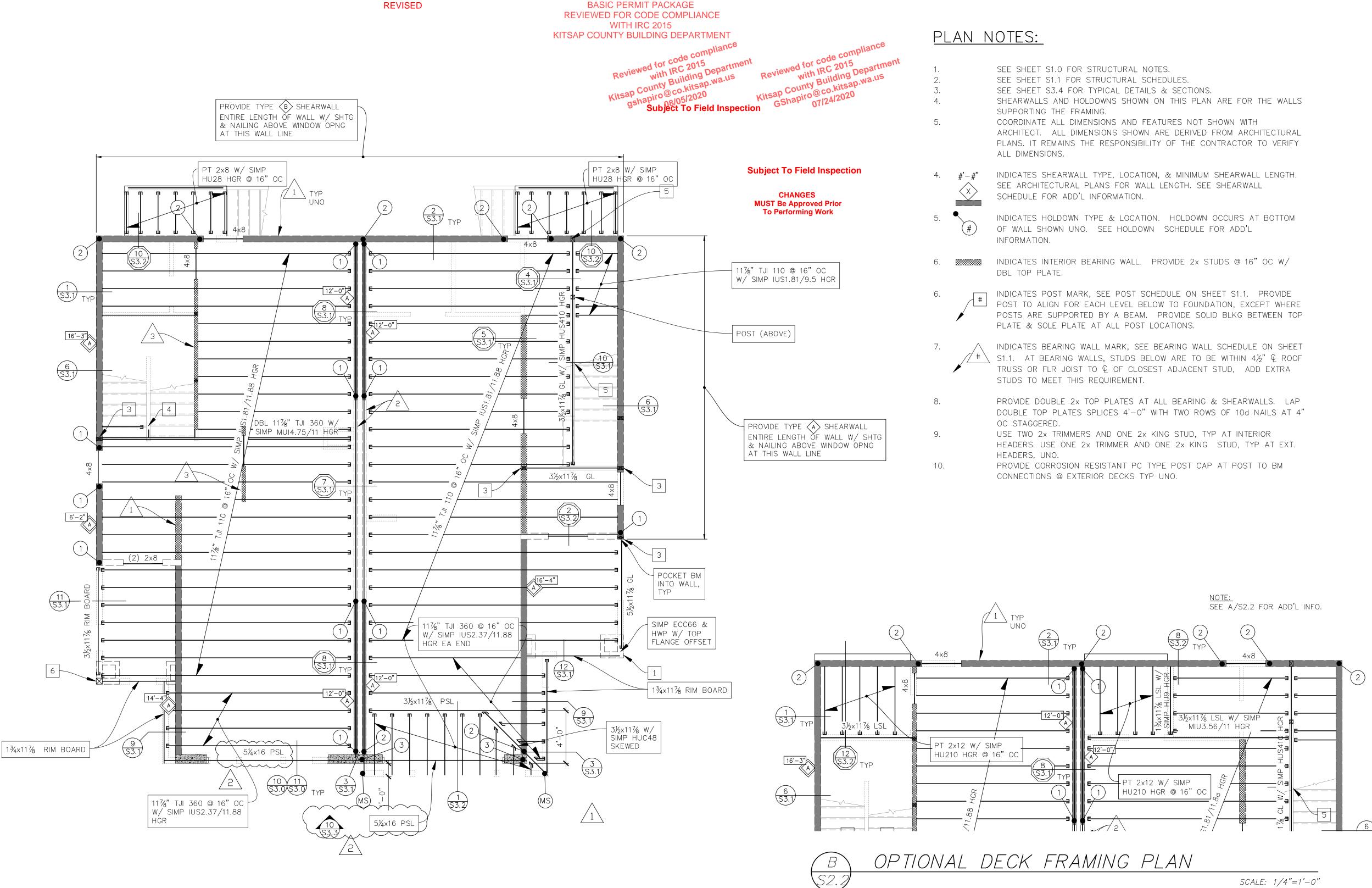
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<u>NOTE:</u> SEE A/S2.1 FOR ADD'L INFO.



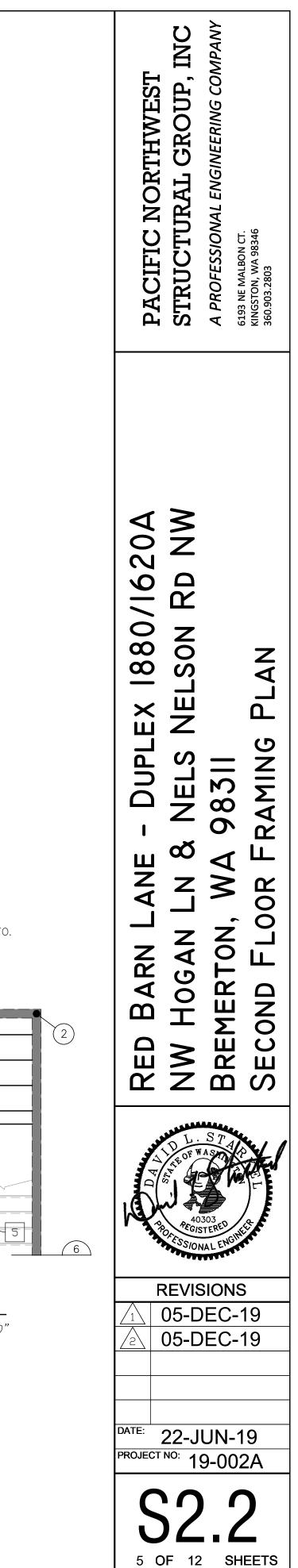


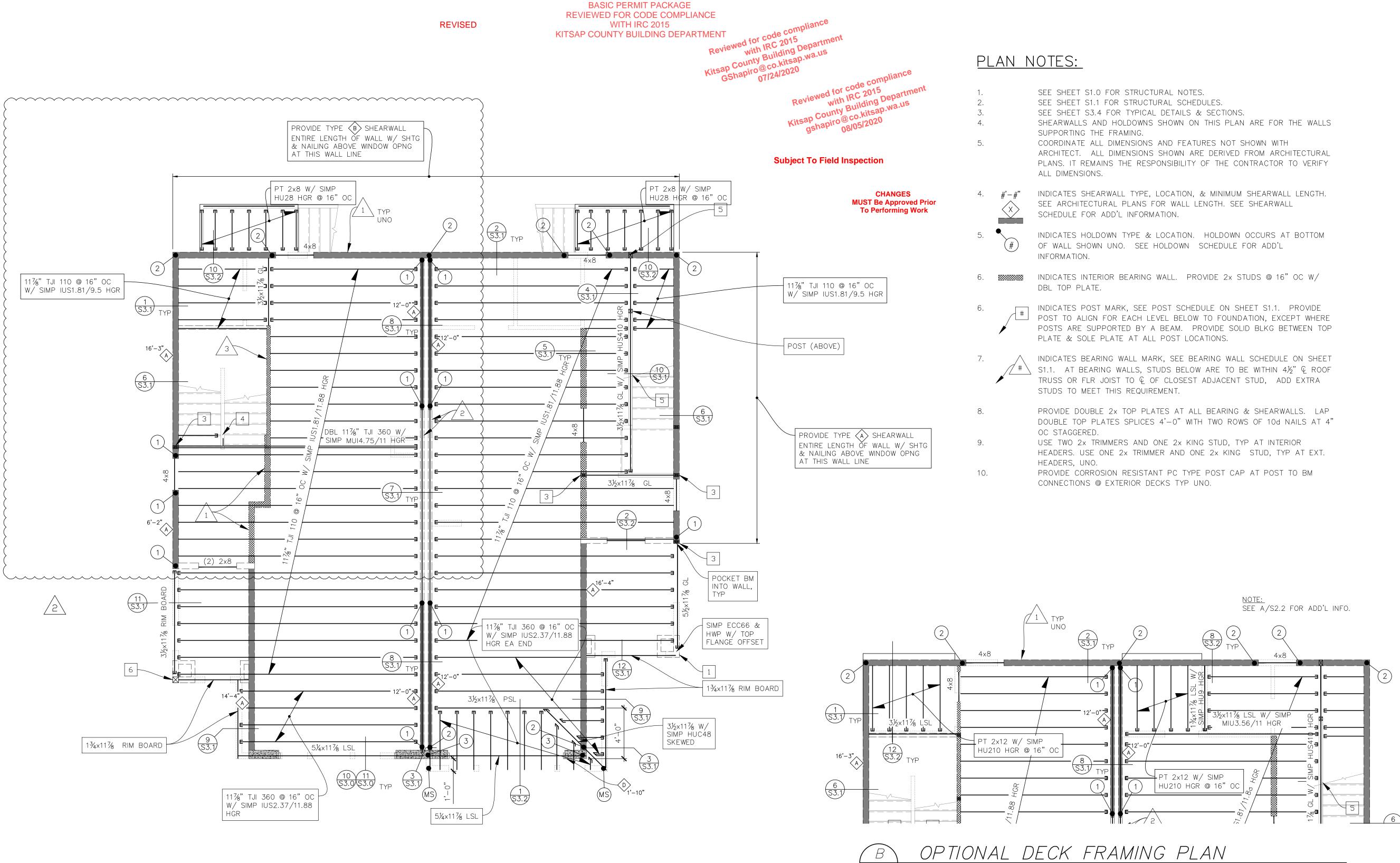






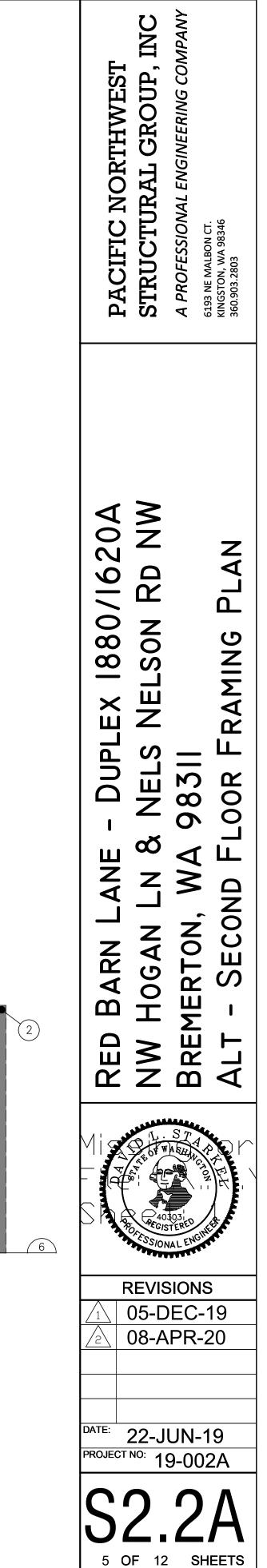
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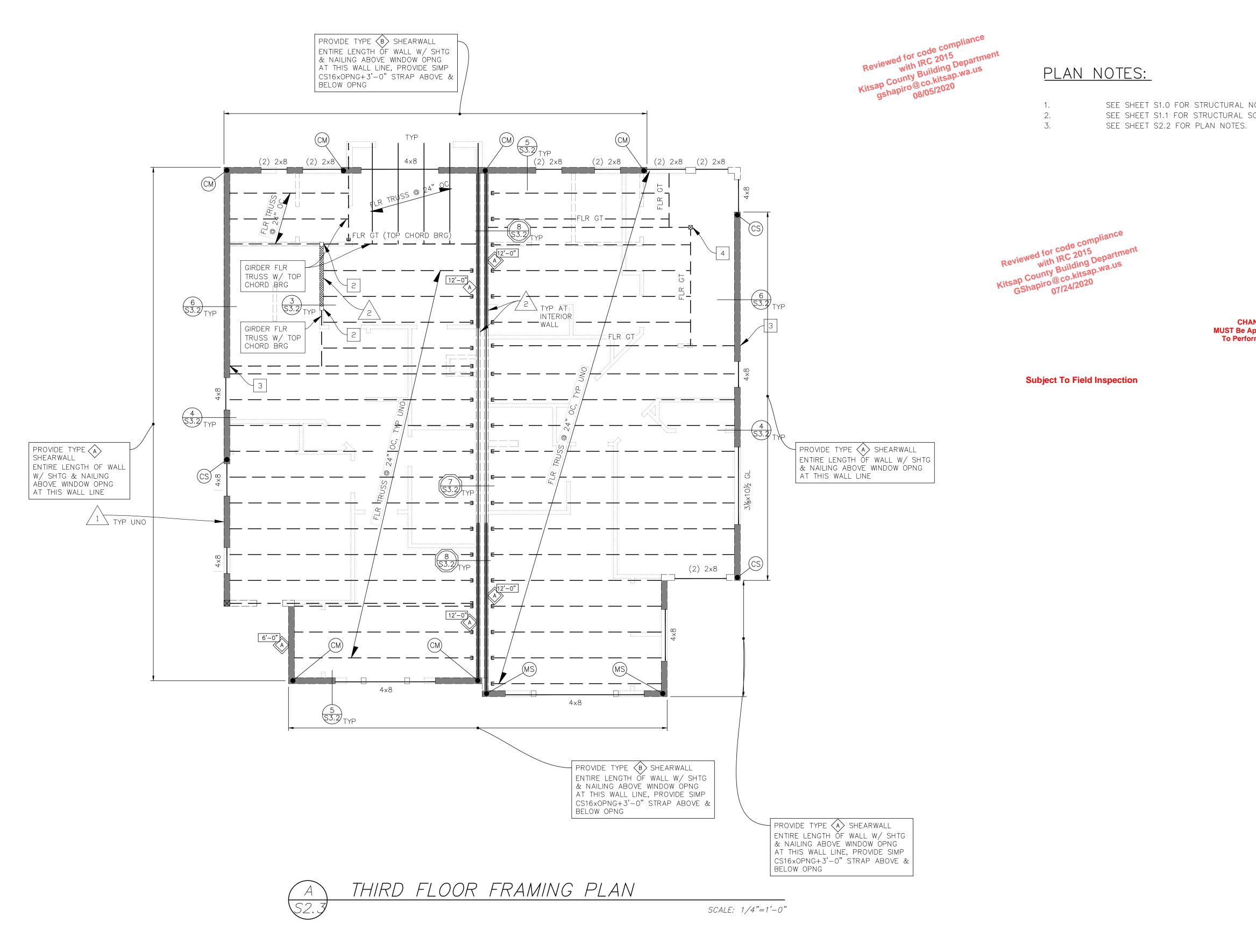




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SCALE: 1/4"=1'-0"



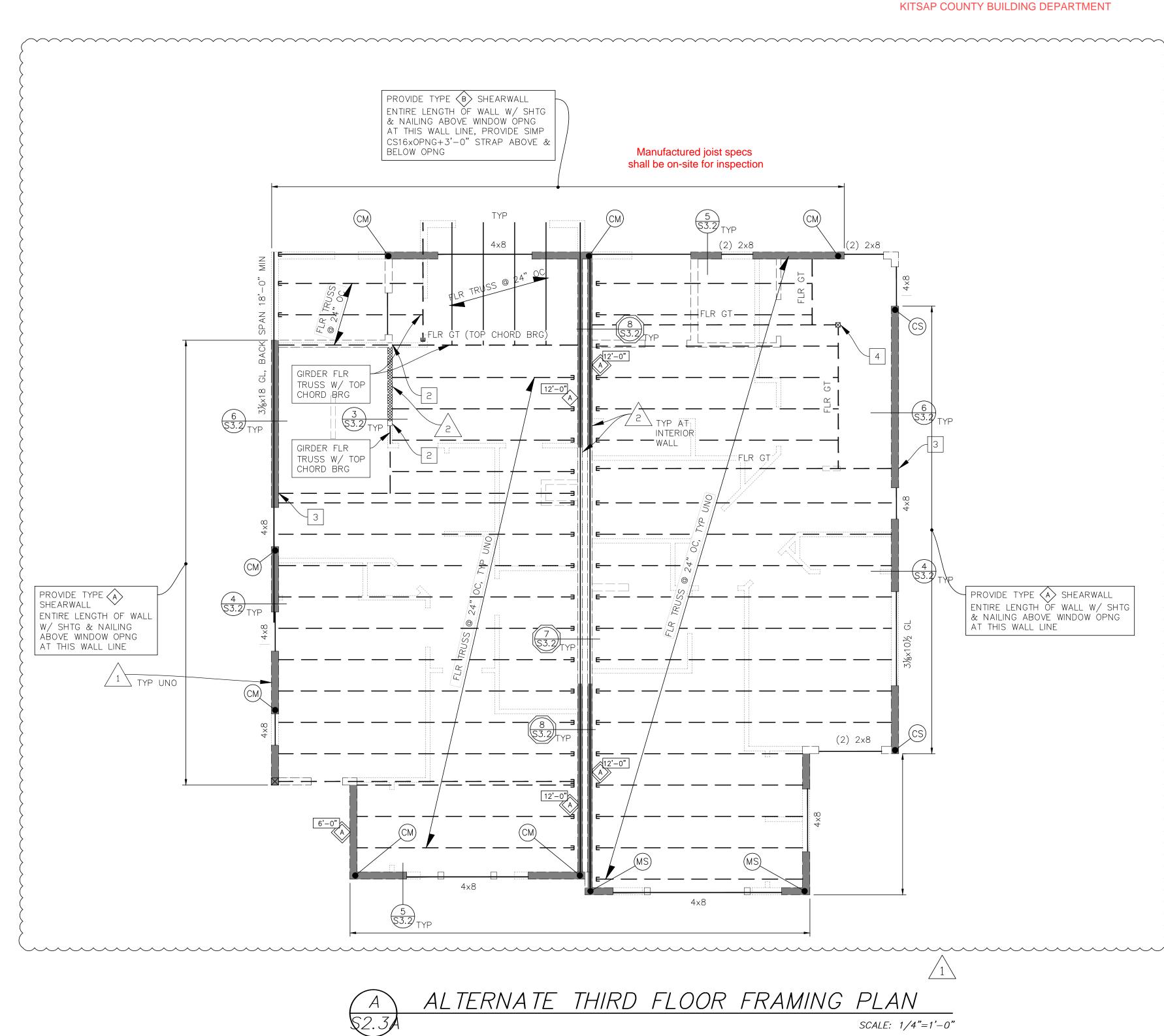
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BASIC PERMIT PACKAGE REVIEWED FOR CODE COMPLIANCE WITH IRC 2015 KITSAP COUNTY BUILDING DEPARTMENT

NOTES. SCHEDULES	PACIFIC NORTHWEST PACIFIC NORTHWEST STRUCTURAL GROUP, INC A PROFESSIONAL ENGINEERING COMPANY 6193 NE MALBON CT. KINGSTON, WA 98346 360.903.2803
NGES pproved Prior ming Work	RED BARN LANE - DUPLEX 1880/1620A NW HOGAN LN & NELS NELSON RD NW NW HOGAN LN & NELS NELSON RD NW NW HOGAN LN & NELS NELSON RD NW REVISIONS DIFE 22-JUN-19 PROFECTION MA 98311 THIRD FLOOR FRAMING PLAN

SEE SHEET S1.1 FOR STRUCTURAL SC

CHANC MUST Be App To Perform



BASIC PERMIT PACKAGE REVIEWED FOR CODE COMPLIANCE WITH IRC 2015 KITSAP COUNTY BUILDING DEPARTMENT

<u>PLAN NOTES:</u>

1.	SEE	SHEET	S1.0	FOR	STRUC	TURAL	NC
2.	SEE	SHEET	S1.1	FOR	STRUC	TURAL	SC
3.	SEE	SHEET	S2.2	FOR	PLAN	NOTES.	

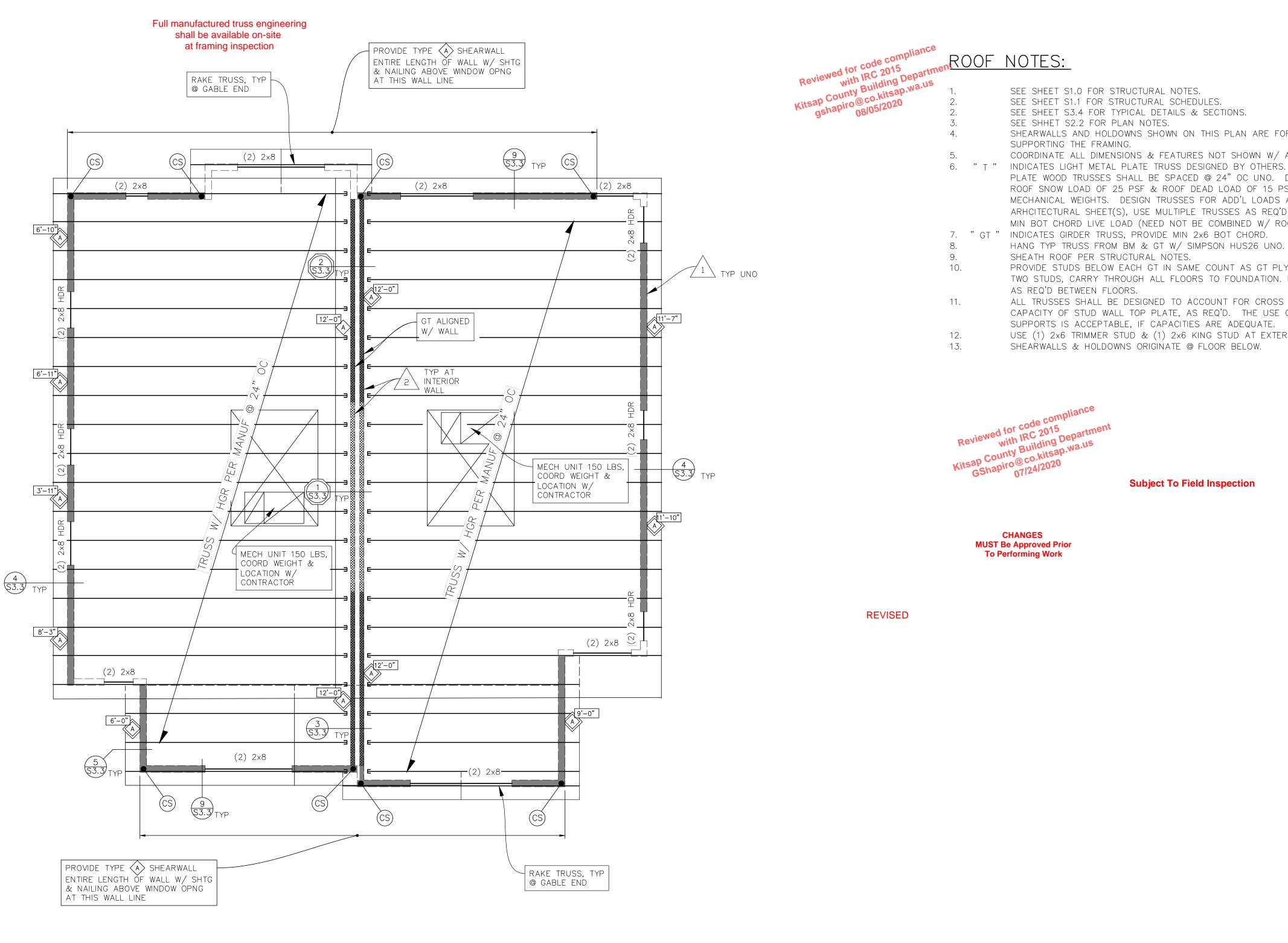
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Subject To Field Inspec



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OR STRUCTURAL NOTES. OR STRUCTURAL SCHEDULES OR PLAN NOTES.	PACIFIC NORTHWEST STRUCTURAL GROUP, INC A PROFESSIONAL ENGINEERING COMPANY 6193 NE MALBON CT. 6193 NE MALBON
Reviewed for code compliance with IRC 2015 With Building Department Kitsap County Building Department GShapiro@co.kitsap.wa.us 07/24/2020	PA ST A PF A PF KINGS1 360:90
ect To Field Inspection	RED BARN LANE - DUPLEX 1880/1620A NW HOGAN LN & NELS NELSON RD NW NW HOGAN LN & NELS NELSON RD NW NW 98311 THIRD FLOOR FRAMING PLAN DATE: 22-JUN-19 PROJECT NG: 19-002A MARCE 12 SHEETS





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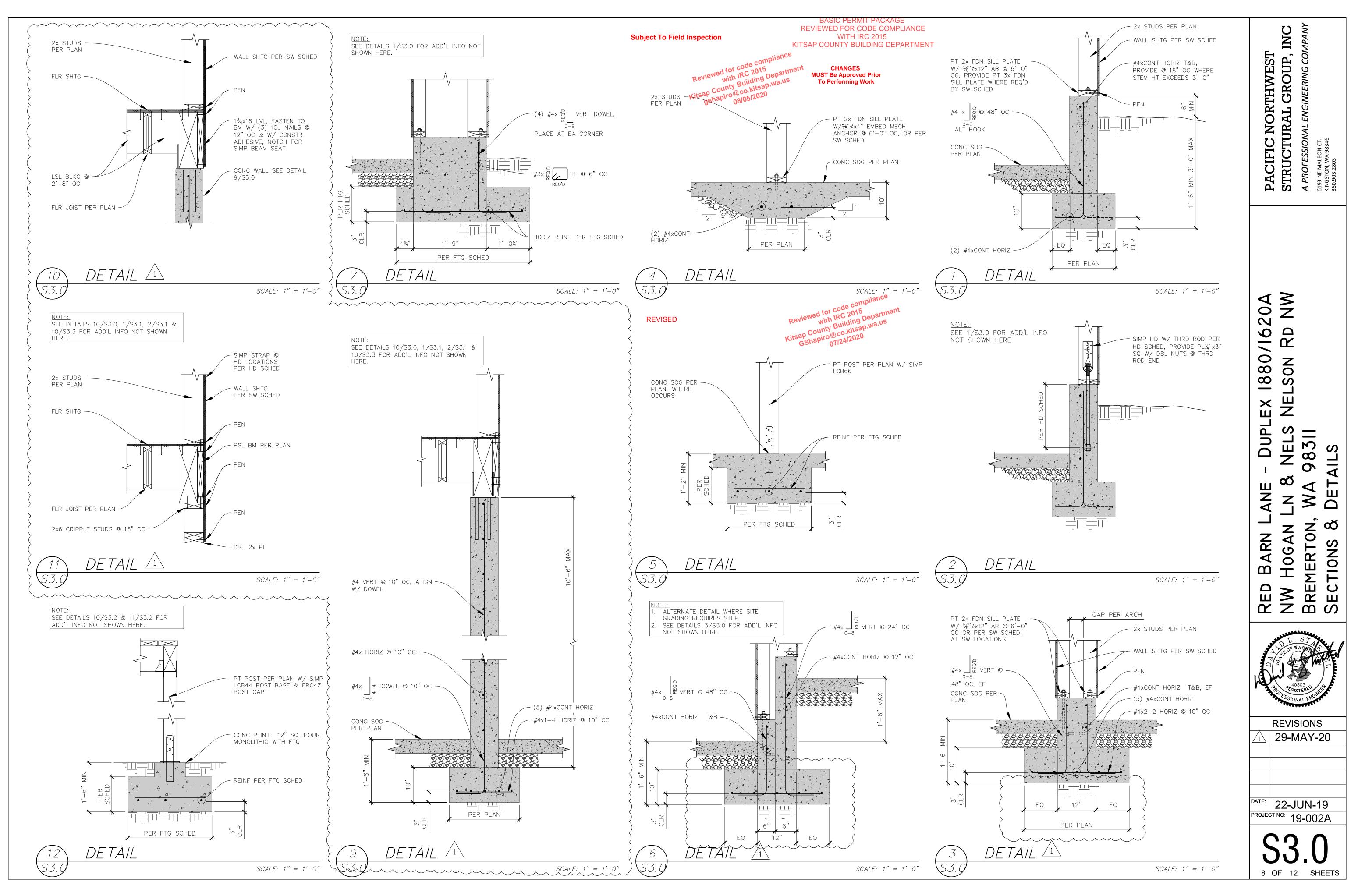
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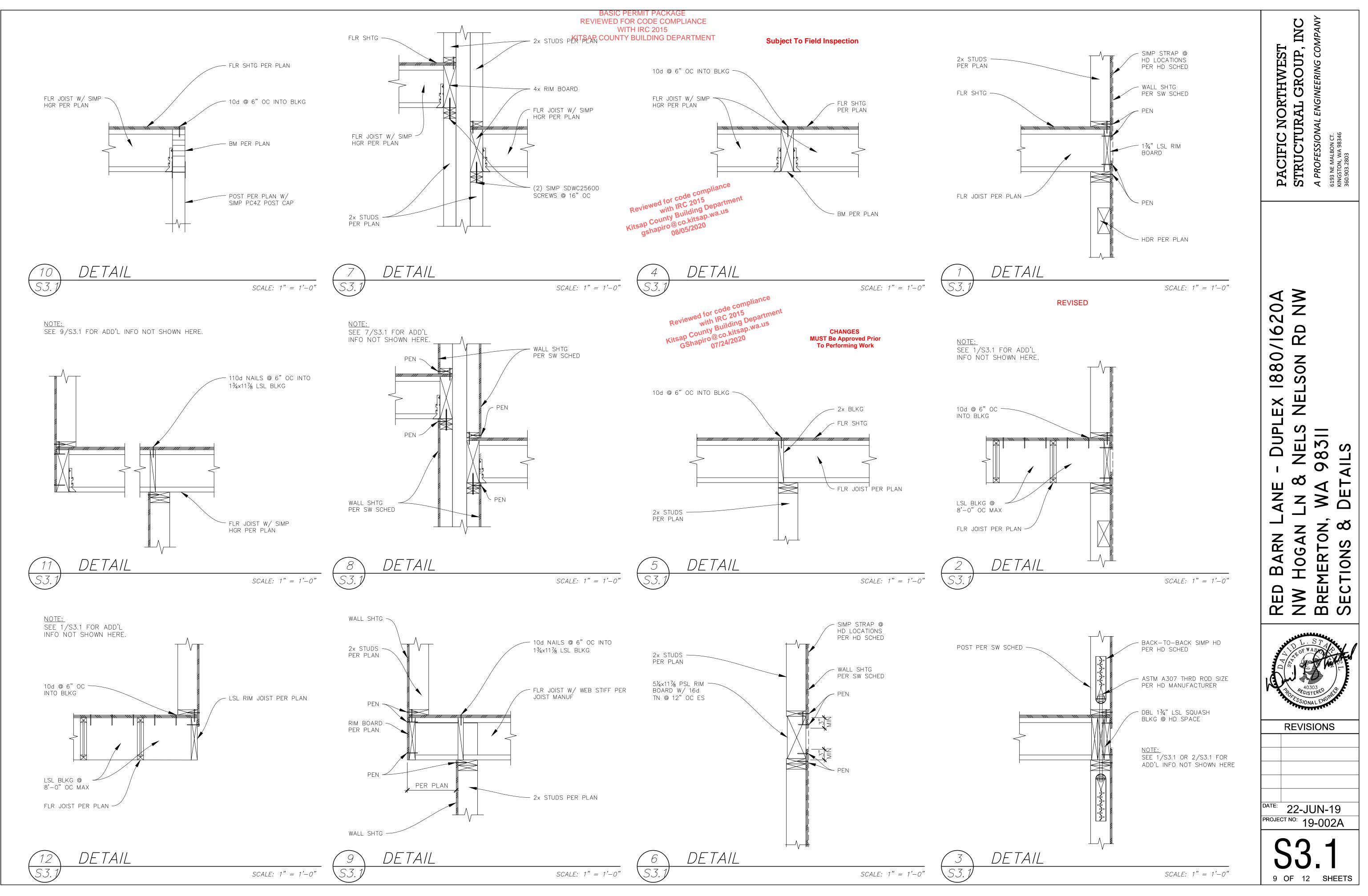
SHEARWALLS AND HOLDOWNS SHOWN ON THIS PLAN ARE FOR THE WALLS COORDINATE ALL DIMENSIONS & FEATURES NOT SHOWN W/ ARCHITECT. 6. "T" INDICATES LIGHT METAL PLATE TRUSS DESIGNED BY OTHERS. ALL LIGHT-METAL PLATE WOOD TRUSSES SHALL BE SPACED @ 24" OC UNO. DESIGN TRUSSES FOR ROOF SNOW LOAD OF 25 PSF & ROOF DEAD LOAD OF 15 PSF IN ADDITION TO MECHANICAL WEIGHTS. DESIGN TRUSSES FOR ADD'L LOADS AS SHOWN ON ARHCITECTURAL SHEET(S), USE MULTIPLE TRUSSES AS REQ'D. DESIGNED FOR 10 PSF MIN BOT CHORD LIVE LOAD (NEED NOT BE COMBINED W/ ROOF LIVE LOAD). PROVIDE STUDS BELOW EACH GT IN SAME COUNT AS GT PLYS, BUT NOT LESS THAN TWO STUDS, CARRY THROUGH ALL FLOORS TO FOUNDATION. PROVIDE SOLID BLK'G ALL TRUSSES SHALL BE DESIGNED TO ACCOUNT FOR CROSS GRAIN BEARING

CAPACITY OF STUD WALL TOP PLATE, AS REQ'D. THE USE OF SIMPSON TBE USE (1) 2x6 TRIMMER STUD & (1) 2x6 KING STUD AT EXTERIOR HEADERS UNO.

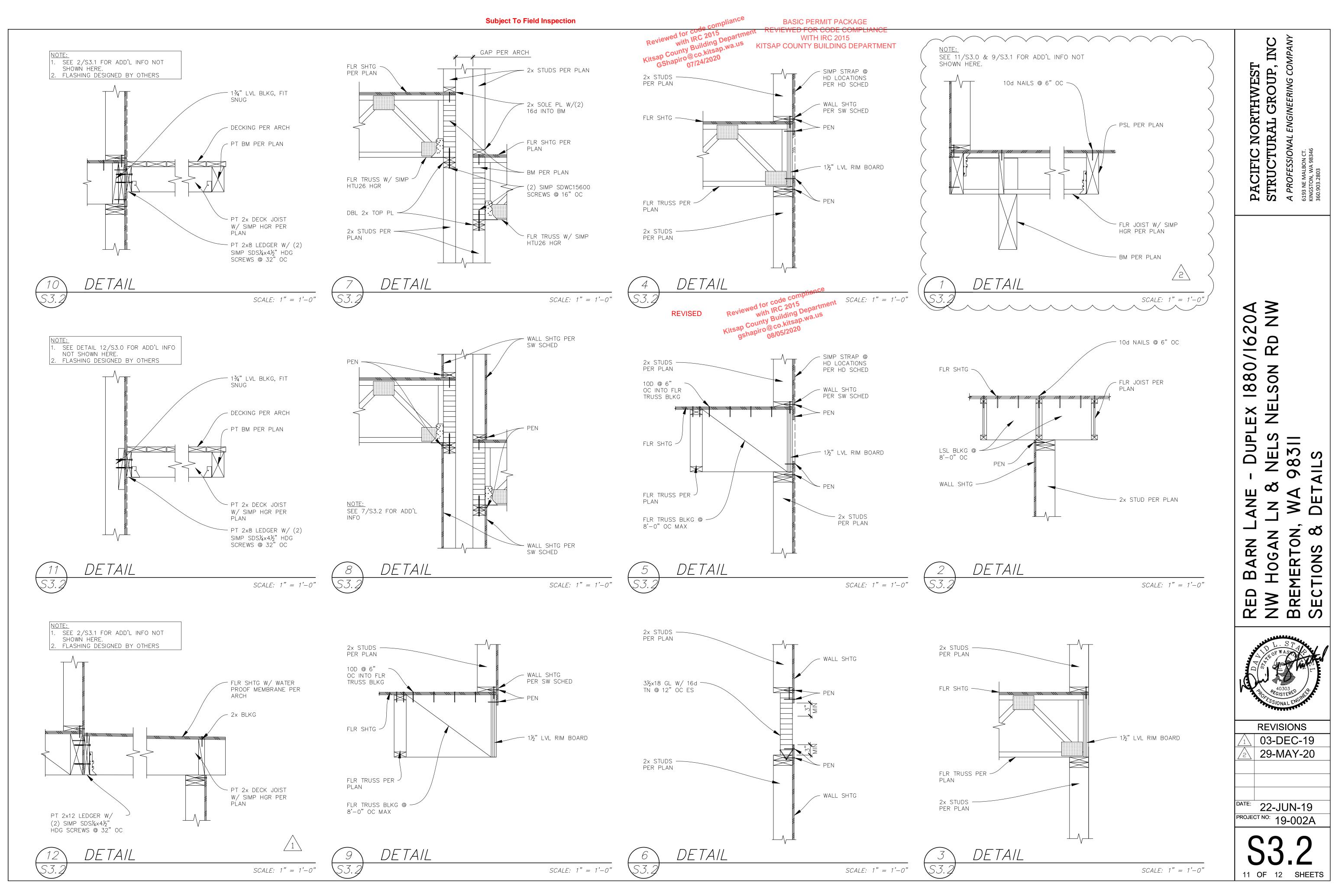
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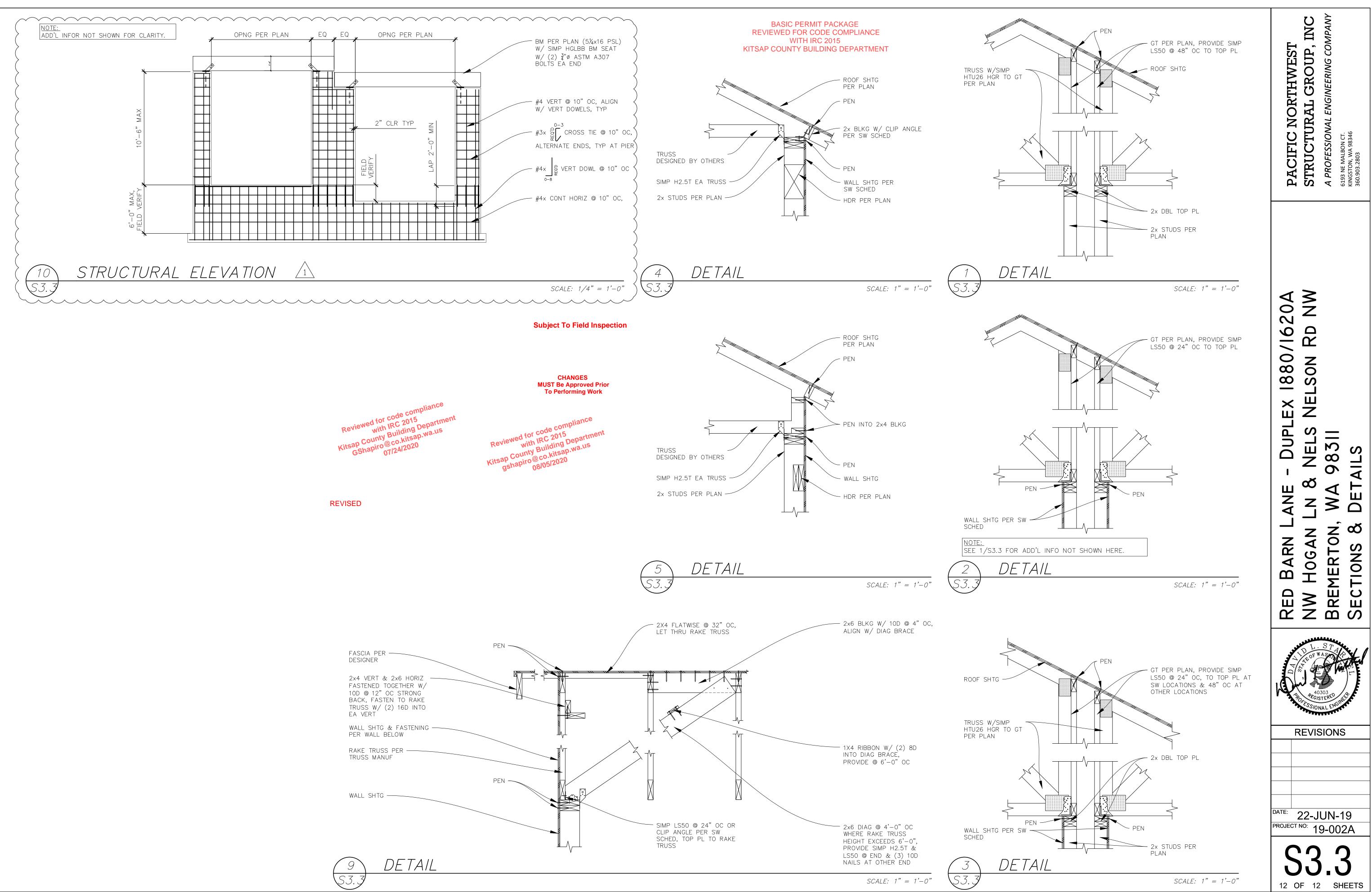




Permit Number: 19-03650R



Permit Number: 19-03650R



FASCIA PER
2x4 VERT & 2x6 HORIZ FASTENED TOGETHER W/ 10D @ 12" OC STRONG BACK, FASTEN TO RAKE TRUSS W/ (2) 16D INTO EA VERT
WALL SHTG & FASTENING
RAKE TRUSS PER
WALL SHTG

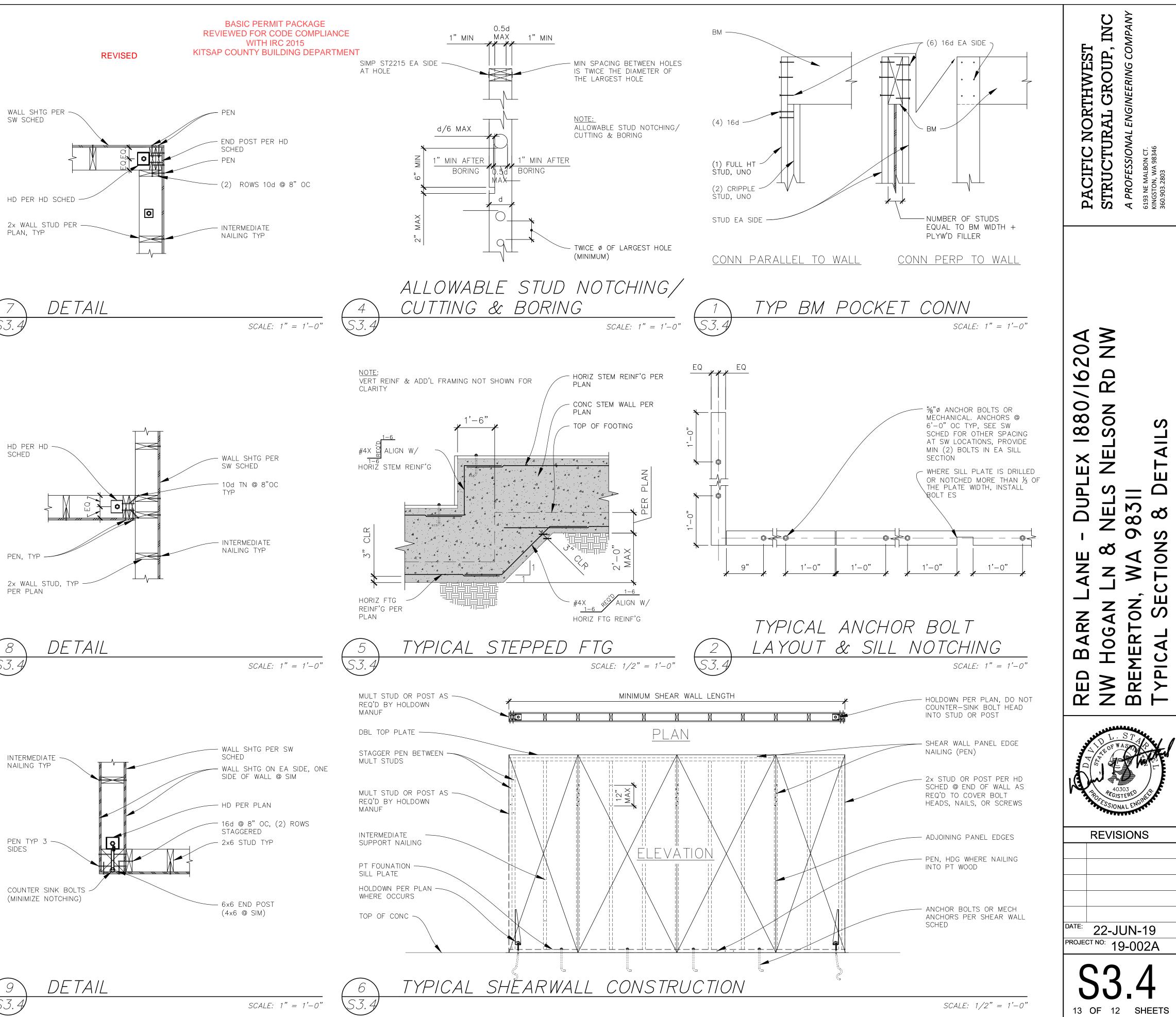




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Reviewed for code comp with IRC 2015 Kitsap County Building Depart, gshapiro@co.kitsap.wa.us 08/05/2020



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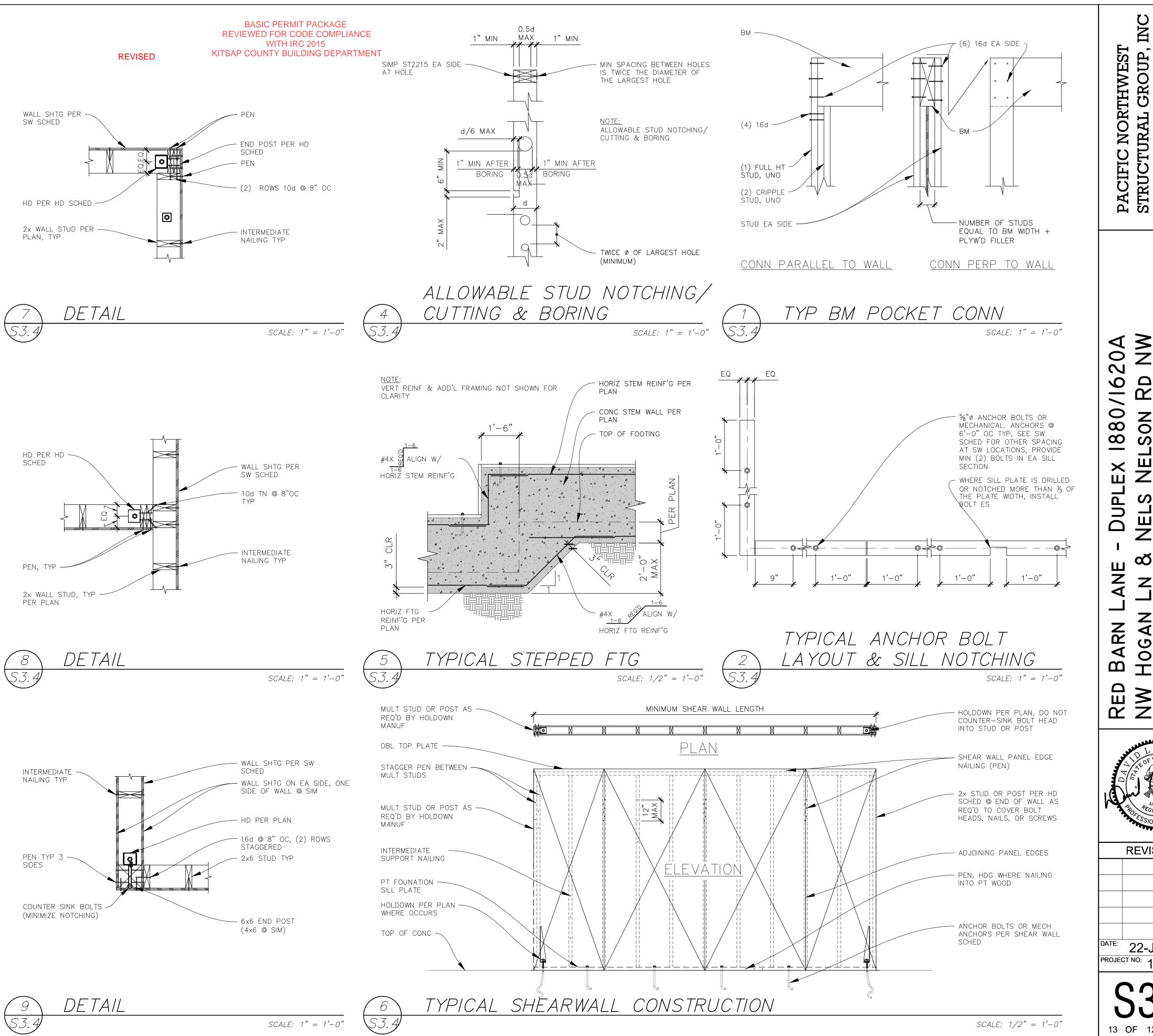
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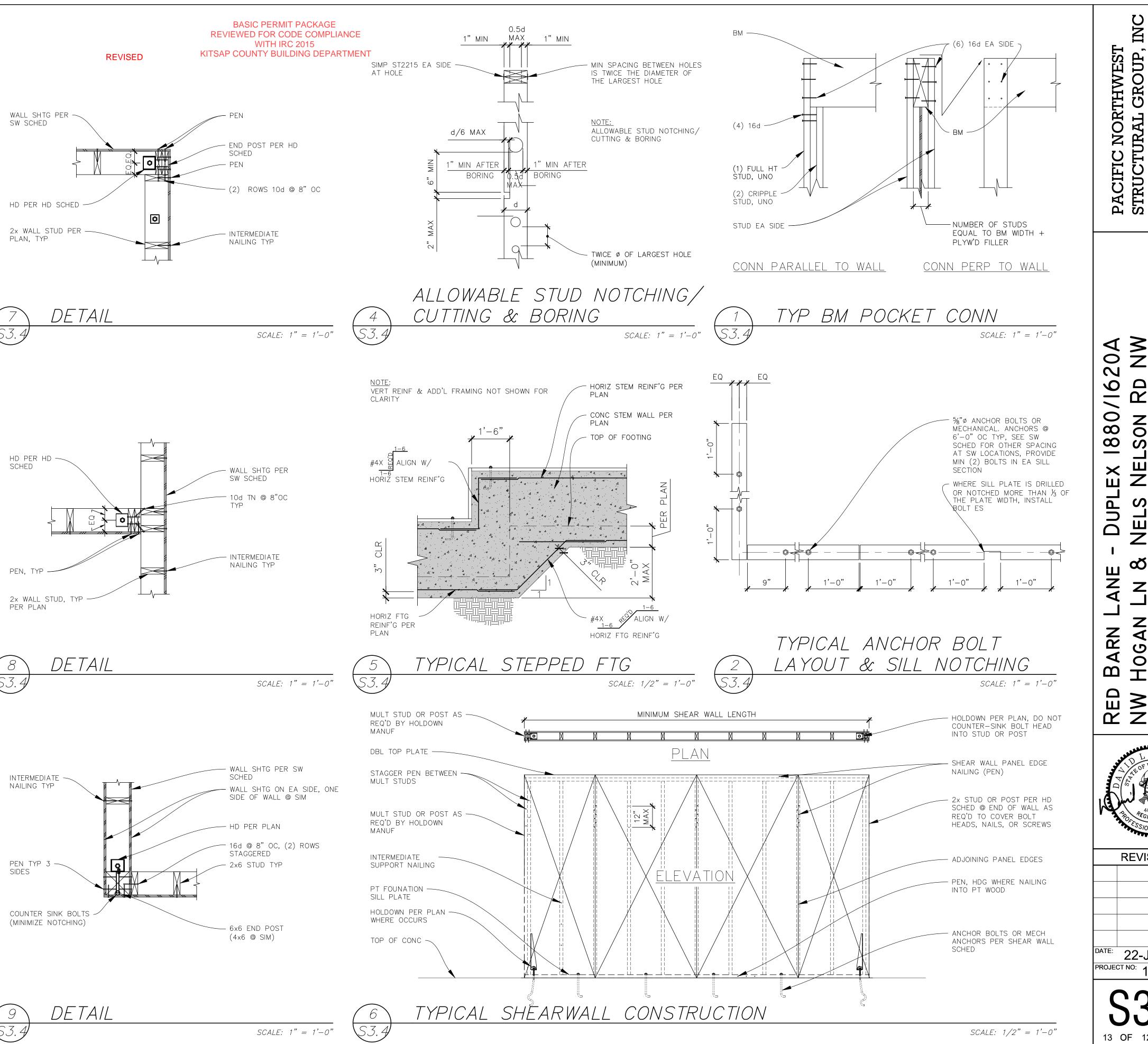
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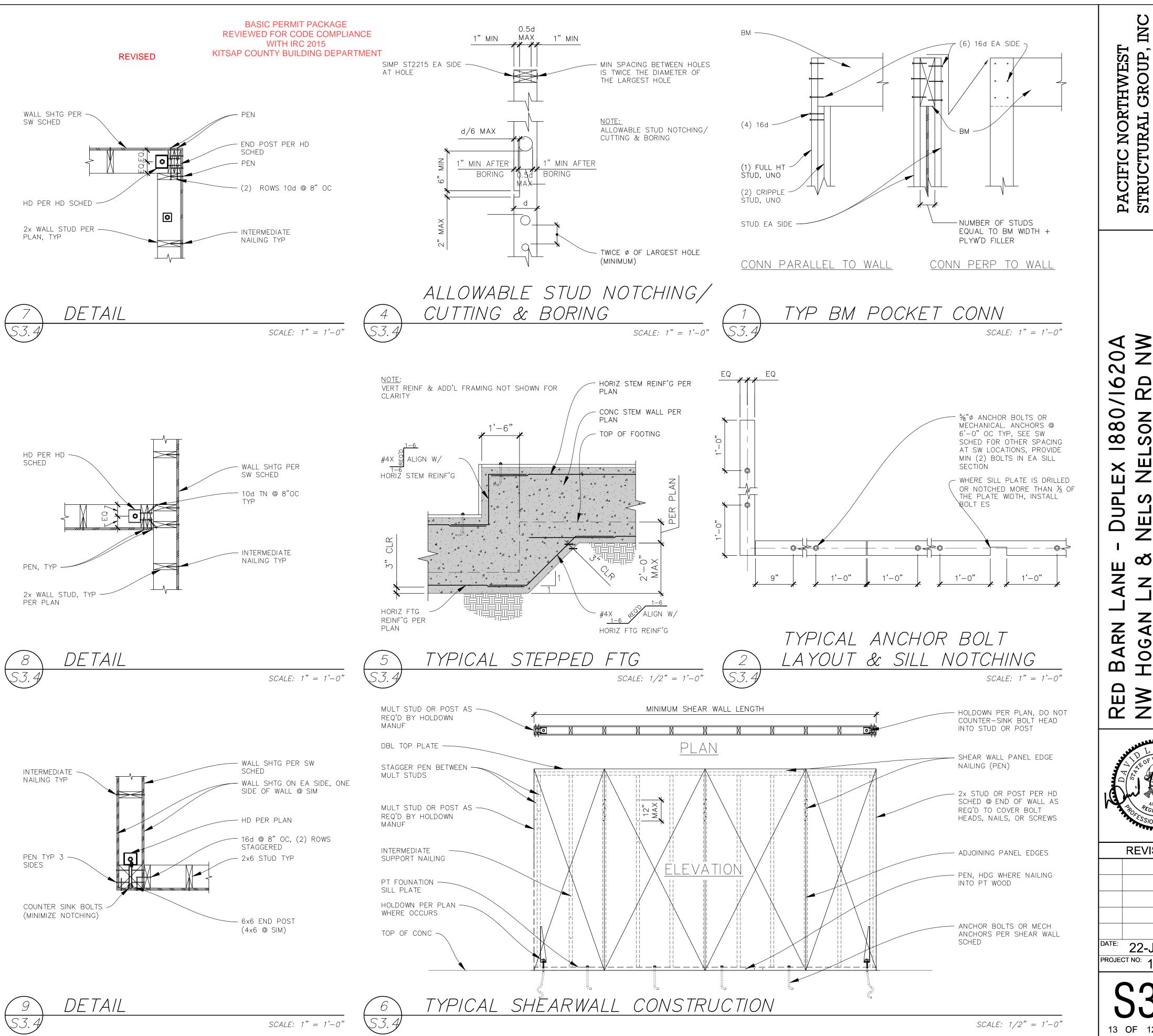
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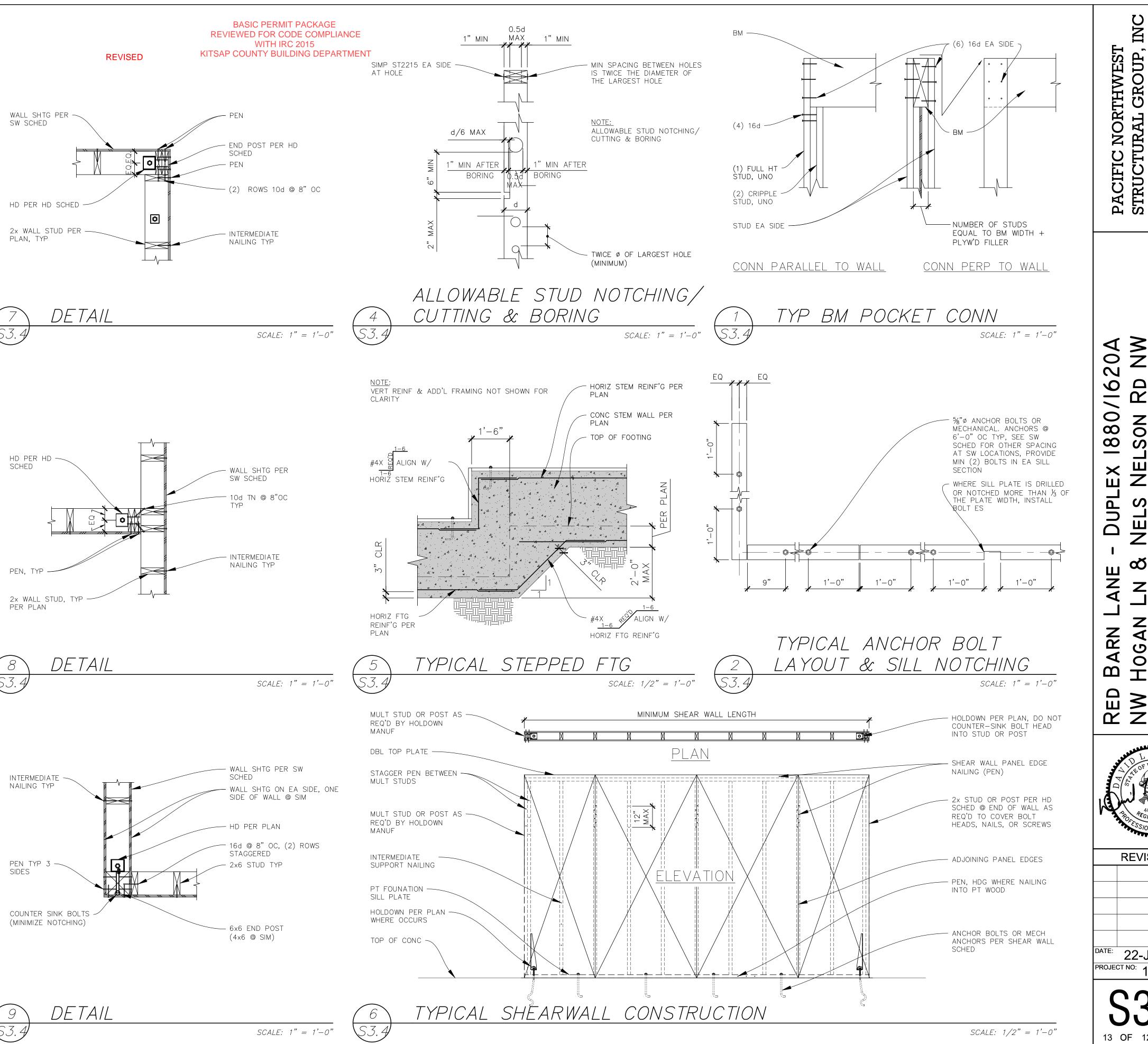
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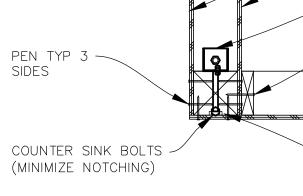
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Permit Number: 19-03650R