STRUCTURAL NOTES		GEOTECHNICAL INSPECTION: THE GEOTECHNICAL ENGINEER OR THIRD-PARTY INSPECTOR SHALL INSPECT ALL PREPARED SOIL BEAF					
GENERAL REQUIREMENTS			TO PLACEMENT OF CONCRETE AND REINFORCING STEEL AND PROVIDE A LETTER TO THE OWNER STATING THAT SOILS ARE ADEQUA "ALLOWABLE FOUNDATION PRESSURE" SHOWN BELOW. SOIL COMPACTION SHALL BE SUPERVISED BY AN APPROVED TESTING AGENC ENCINEER, SITE SOIL CONDITIONS, FILL BLACEMENT, AND LOAD READING REQUIREMENTS SHALL BE AS REQUIRED BY SECTION 4725				
BUILDING CODE & REFERENCE STANDARDS: THE "INTERNATIONAL BUILDING CODE" (IBC), 2018 EDITION, AS ADOPTED AND MODIFIED BY THE CITY OF MERCER ISLAND, GOVERNS THE DESIGN AND CONSTRUCTION OF THIS PROJECT. REFERENCE TO A SPECIFIC SECTION IN THE CODE DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE ENTIRE MATERIALS REFERENCE STANDARDS NOTED BELOW. THE LATEST EDITION OF THE MATERIALS REFERENCE STANDARDS SHALL BE USED.			ASSUMED VALUES SHALL BE FIELD VERIFIED BY THE BUILDING OFFICIAL OR THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONC OFFICIAL SHALL BE PERMITTED TO WAIVE THE REQUIREMENT FOR A GEOTECHNICAL INVESTIGATION WHERE SATISFACTORY DATA FI AVAILABLE THAT DEMONSTRATES AN INVESTIGATION IS NOT NECESSARY FOR ANY OF THE CONDITIONS IN SECTIONS 1803.5.1 - 1803. 1803.5.10 - 1803.5.11.				
SCOPE OF STRUCTURAL WORK: STRUCTURAL DESIGN OF NEW SINGLE FAMILY RESIDENC	Ε.	DESIGN SOIL VALUES					
<ul> <li>DEFINITIONS: THE FOLLOWING DEFINITIONS APPLY TO THESE GENERAL NOTES:</li> <li>"ENGINEER OF RECORD" (EOR) - THE ENGINEER WHO IS LEGALLY RESP FOR THE PROJECT. THE EOR IS RESPONSIBLE FOR THE DESIGN OF THE</li> <li>"SPECIALTY STRUCTURAL ENGINEER" (SSE) - A LICENSED PROFESSION. STRUCTURAL ENGINEERING SERVICES NECESSARY TO COMPLETE THE SPECIFIC SPECIALTY. THE GENERAL CONTRACTOR, SUBCONTRACTOR, FABRICATION AND INSTALLATION OF SPECIALTY-ENGINEERED ELEMENT SIGNED BY THE SSE. DOCUMENTS STAMPED AND SIGNED BY THE SSE S THE SSE WITH A PE OR SE LICENSE ISSUED BY THE STATE OF WASHING</li> </ul>	ONSIBLE FOR STAMPING & SIGNING THE STRUCTURAL DOCUMENTS PRIMARY STRUCTURAL SYSTEM. AL ENGINEER, NOT THE EOR, WHO PERFORMS SPECIALTY STRUCTURE, WHO HAS EXPERIENCE AND TRAINING IN THE OR SUPPLIER WHO IS RESPONSIBLE FOR THE DESIGN, TS SHALL RETAIN THE SSE. SUBMITTALS SHALL BE STAMPED AND SHALL BE COMPLETED BY OR UNDER THE DIRECT SUPERVISION OF STON.	ALLOWABLE SOIL BE 2,500 PSF D SLABS-ON-GRADE & PER THE GEOTECHN FINISH GRADE, OR A INCHES BELOW FINIS FOUNDATION STEM N WALLS (DIFFERENCE	FOUNDATIONS: ALL SLABS-O ICAL REPORT OR AS NOTED S REQUIRED BY THE GEOTEC SH FLOOR. MALLS: UNLESS OTHERWISE IN ELEVATION BETWEEN INT	N-GRADE AND FC IN THESE DOCUM CHNICAL ENGINEE NOTED ON THE D FERIOR AND EXTE	OUNDATIONS SHALL BEAF IENTS. EXTERIOR PERIM IR AND THE BUILDING OF IRAWINGS, THE MAXIMUN IRIOR SOIL GRADES) SHA	R ON STRUCTURAL COMP ETER FOOTINGS SHALL I FICIAL. INTERIOR FOOTII M UNBALANCED SOIL COM	<sup>2</sup> ACTED FILL OR COM BEAR NOT LESS THA NGS SHALL BEAR NC NDITION FOR ALL FO MINIMUM 8" SEPARA
NOTE PRIORITIES: NOTES ON THE INDIVIDUAL DRAWINGS SHALL GOVERN OVER THESE GE	ENERAL NOTES.	GRADE AND UNTREA	TED WOOD FRAMING.				
STRUCTURAL DETAILS: THE STRUCTURAL DRAWINGS ARE INTENDED TO SHOW THE GE INTENDED TO SHOW ALL DETAILS OF THE WORK.	NERAL CHARACTER AND EXTENT OF THE PROJECT AND ARE NOT	BACKFILLING: BACKF AS DIRECTED BY THI FLOOR SLAB OR TEM FROM OPERATING H	FILL BEHIND RETAINING AND I E GEOTECHNICAL REPORT. B IPORARY BRACING. BACKFILI EAVY EQUIPMENT BEHIND RE	FOUNDATION WAI BACKFILL BEHIND L SHALL BE COMP	LS SHALL BE OF FREE-D WALLS SHALL NOT BE PL PACTED USING HAND-OPI	RAINING MATERIAL PLAC ACED BEFORE THE WAL ERATED EQUIPMENT ONL	CED IN MAXIMUM LOC L IS PROPERLY SUP LY. THE CONTRACTO
ARCHITECTURAL DRAWINGS: REFER TO THE ARCHITECTURAL DRAWINGS FOR INFORMATI SLOPES, DOOR AND WINDOW OPENINGS, NON-BEARING WALLS, STAIRS, CURBS, DRAINS, NONSTRUCTURAL ITEMS.	ON INCLUDING, BUT NOT LIMITED TO: DIMENSIONS, ELEVATIONS, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES AND OTHER	WALL, UNLESS OTHE SUPPORTING CONCE	RETE SLAB OR PAVING.	OR. ALL TOPSOIL	ORGANICS AND LOOSE S	SURFACE SOIL SHALL BE	REMOVED FROM BE
STRUCTURAL RESPONSIBILITIES: THE EOR IS RESPONSIBLE FOR THE STRENGTH AND STA	BILITY OF THE PRIMARY STRUCTURE IN ITS COMPLETED STATE.	CAST-IN-PLACE CON	CRETE				
CONTRACTOR RESPONSIBILITIES: THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AN STANDARDS SUCH AS OSHA AND WSHA. THE CONTRACTOR IS RESPONSIBLE FOR THE STR CONSTRUCTION AND SHALL PROVIDE TEMPORARY SHORING, BRACING AND OTHER ELEM COMPLETED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE WORK	ND METHODS OF CONSTRUCTION AND ALL JOB RELATED SAFETY RENGTH AND STABILITY OF THE STRUCTURE DURING ENTS REQUIRED TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS REQUIRED IN THE CONSTRUCTION DOCUMENTS AND THE	REFERENCE STANDA         (1)       ACI 3         (2)       IBC C         FIELD REFERENCE: 1         CONCRETE (ACI 201)	ARDS: CONFORMS TO THE LA 18 "BUILDING CODE REQUIRE HAPTER 19. THE CONTRACTOR SHALL KEE	TEST EDITIONS O EMENTS FOR STR EP A COPY OF AC	I FIELD REFERENCE MAN	D COMMENTARY". IUAL, SP-15, "STANDARD	SPECIFICATIONS FO
				ADTED 40 "CONCE			
DISCREPANCIES. IN CASE OF DISCREPANCIES BETWEEN THESE GENERAL NOTES, THE CO STANDARDS, THE EOR SHALL DETERMINE WHICH SHALL GOVERN. DISCREPANCIES SHALL PROCEEDING WITH THE WORK. ACCORDINGLY, ANY CONFLICT IN OR BETWEEN THE CONT THE CONTRACT PRICE.	BE BROUGHT TO THE ATTENTION OF THE EOR BEFORE RACT DOCUMENTS SHALL NOT BE A BASIS FOR ADJUSTMENT IN	MATERIALS: CONFOR	RM TO ACI 318 CHAPTERS 19	& 20.	ETE. DESIGN AND DURA	DILITT REQUIREMENTS.	
SITE VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS	AT THE SITE PRIOR TO FABRICATION AND/OR CONSTRUCTION.	<u>SUBMITTALS</u> : PROVI	DE ALL SUBMITTALS REQUIRE	ED BY ACI 301 SEC	C 4.1.2. SUBMIT MIX DESI	GNS FOR EACH MIX IN TH	IE TABLE BELOW.
WORK. ALL UNDERGROUND UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR PRIC	R TO EXCAVATION OF THE EOR BEFORE PROCEEDING WITH THE	MEMBER	STRENGTH	TEST AGE	MAXIMUM	EXPOSURE	MAX
ADJACENT UTILITIES: THE CONTRACTOR SHALL DETERMINE THE LOCATIONS OF ALL ADJA PLACEMENT. ANY UTILITY INFORMATION SHOWN ON THE DRAWINGS AND DETAILS IS APP	CENT UNDERGROUND UTILITIES PRIOR TO EXCAVATION OR PILE ROXIMATE AND NOT NECESSARILY COMPLETE.	TYPE/LOCATION FOUNDATION ELEMENTS	(PSI) 3,500	(DAYS) 28	AGGREGATE 1"	CLASSIFICATION F1, C0	W/C RATIO 0.45
DESIGN CRITERIA		MIX DESIGN NOTES: 1) W/C RAT	IO: WATER-CEMENTITIOUS N	IATERIAL RATIOS	SHALL BE BASED ON TH	E TOTAL WEIGHT OF CEN	MENTITIOUS MATERIA
<u>CONSTRUCTION LOADS</u> : LOADS ON THE STRUCTURE DURING CONSTRUCTION SHALL NOT COMPLETED CONSTRUCTION.	EXCEED THE DESIGN LOADS OR THE CAPACITY OF THE PARTIALLY	2) SHOWN 2) CEMENT THE USE	IN THE TABLE ABOVE ARE CO TIOUS CONTENT: OF FLY ASH, OTHER POZZO	DNTROLLED BY ST	TRENGTH REQUIREMENT IE, OR SLAG SHALL CONF	S. FORM TO ACI 301 SEC 4.2	2.2 9B. MAXIMUM
SNOW LOAD: THE ROOF SNOW LOAD IS DETERMINE BY USING CHAPTER 7 OF ASCE 7-10 IN FACTORS:	I ACCORDANCE WITH IBC SECTION 1608 AND WITH THE FOLLOWING	3) OF FLY A 3) AIR CON EXPOSU	ASH SHALL BE 20% OF TOTAL ITENT: CONFORM TO ACI 301 RE CATEGORY F0, S0, W0, AN	. CEMENTITIOUS ( SEC 4.2.2.4. HORI ND C0 UNLESS NC	CONTENT UNLESS REVIE ZONTAL EXTERIOR SURF DTED OTHERWISE. TOLE	WED AND APPROVED OT ACES IN CONTACT WITH RANCE IS +/- 1.5%. AIR CO	HERWISE BY EOR. THE SOIL REQUIRE ONTENT SHALL BE
GROUND SNOW LOAD, PG = 20 PSF IMPORTANCE FACTOR, IS = $1.0$ THERMAL FACTOR, CT = $1.0$		4) EXPOSU EXPOSU 5) SLUMP:	RE CLASSIFICATION: THE MIX RE CLASSIFICATION INDICAT UNLESS OTHERWISE SPECIF	C DESIGN PROVID ED IN THE TABLE IED OR PERMITTE	ED SHALL MEET THE RE( ABOVE. ED, CONCRETE SHALL HA	QUIREMENTS OF ACI 318 VE AT THE POINT OF DEI	CHAPTER 19, BASED
	1/240		DM TO ACI 201 SEC 2 "EODM				
ROOF / FLOOR LICE LOAD DEFLECTION LIMIT:	L/360	INDICATED IN SEC 2.	3.2.5 SHALL BE 0.75 F'C.		ACCESSONIES. NEWOW		NI OKWI TO 3EC 2.3.2
LIVE LOADS: ROOF (LIVE)	20 PSF	MEASURING, MIXING	, AND DELIVERY: CONFORM 1	FO ACI 301 SEC 4.3	3.		
ROOF (SNOW)	25 PSF	HANDLING, PLACING	, CONSTRUCTING, AND CURIN	NG: CONFORM TO	ACI 301 SEC 5.		
WIND DESIGN: WIND LOAD IS DETERMINED USING CHAPTER 28 OF ASCE 7-16 IN ACCORDA BASIC WIND SPEED (3-SECOND GUST) V = 110 MPH WIND IMPORTANCE FACTOR IW = 1.0 RISK CATEGORY = II	NCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:	EMBEDDED ITEMS: POSITION AND SECURE IN PLACE EXPANSION JOINT MATERIAL, ANCHORS AND OTHER STRUCTURAL AND NO EMBEDDED ITEMS BEFORE PLACING CONCRETE. CONTRACTOR SHALL REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND A DRAWINGS AND COORDINATE ALL OTHER EMBEDDED ITEMS.				RUCTURAL AND NON ., PLUMBING, AND AR	
EXPOSURE CATEGORY = B GCPI = $\pm 0.18$		CONCRETE REINFOR	CEMENT				
FOR COMPONENTS & CLADDING AS DEFERRED SUBMITTAL, THE DESIGN WIND PF CLADDING SHALL BE 40 PSF UNLESS OTHERWISE DETERMINED USING CHAPTER [WASHINGTON] STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONS	RESSURES FOR DETERMINING FORCES ON COMPONENTS AND 30 OF ASCE 07-10 IN ACCORDANCE WITH IBC SECTION 1609 BY THE SIBLE FOR THE DESIGN OF SUCH ELEMENTS.	REFERENCE STANDA (2) ACI 3 (3) IBC C (4) ACI 3	A <u>RDS</u> : CONFORM TO: 01 "STANDARD SPECIFICATIC HAPTER 19, CONCRETE. 18 AND ACI 318R.	ONS FOR STRUCT	URAL CONCRETE."SEC 3'	REINFORCEMENT, AND	REINFORCEMENT SL
<u>SEISMIC DESIGN</u> : EARTHQUAKE DESIGN IS DETERMINED USING CHAPTER 12 ASCE 7-10 IN FACTORS: IMPORTANCE FACTOR IE = 1.0	ACCORDANCE WITH IBC CHAPTER 16 WITH THE FOLLOWING	(1) ACI S (5) ACI S (6) CRSI (7) ANSI	P-66 "ACI DETAILING MANUAL MSP-2 "MANUAL OF STANDAL AWS D1.4 "STRUCTURAL WEI	L" INCLUDING ACI RD PRACTICE." LDING CODE - REI	315 "DETAILS AND DETA NFORCING STEEL."	LING OF CONCRETE REII	NFORCEMENT."
RISK CATEGORY = II SS = $1.437 \text{ G}$ SDS = $0.958 \text{ G}$ S1 = $0.499 \text{ G}$ SD1 = N/A SITE CLASS = D		MATERIALS: REINFORCING BARS				ASTM A615, GRADE 60,	DEFORMED BARS.
WOOD STRUCTURE (SUPER-STRUCTURE)		BAR SUPPORTS				CRSI MSP-2, CHAPTER	3 "BAR SUPPORTS."
BASIC SEISMIC FORCE RESISTING SYSTEM: A-15 (BEARING WALL SYSTEMS) LIGH	T-FRAMED WALLS WITH WOOD STRUCTURAL PANELS RATED FOR	FABRICATION: CONF	ORM TO ACI 301. SEC 3.2.2 "F.	ABRICATION." ANI	D ACI SP-66 "ACI DETAILII	NG MANUAL."	
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE, PER ASCE 7 R=6.5 CS=0.147	-10, SECTION 12.8	WELDING: BARS SHA	LL NOT BE WELDED UNLESS	AUTHORIZED. WH	IEN AUTHORIZED, CONF	DRM TO ACI 301, SEC 3.2.	.2.2. "WELDING" AND
W = 2.5		PLACING: CONFORM	TO ACI 301, SEC 3.3.2 "PLACE	EMENT." PLACING	TOLERANCES SHALL CO	NFORM TO SEC 3.3.2.1 "T	OLERANCES."
TESTS & INSPECTIONS		CONCRETE COVER:	CONFORM TO THE FOLLOWIN	IG COVER REQUI	REMENTS FROM ACI 301,	TABLE 3.3.2.3.	
INSPECTIONS: ALL CONSTRUCTION IS SUBJECT TO INSPECTION BY THE BUILDING OFFICIA COORDINATE ALL REQUIRED INSPECTIONS WITH THE BUILDING OFFICIAL. SUBMIT COPIES REVIEW. THE BUILDING OFFICIAL MAY ACCEPT INSPECTION OF AND REPORTS BY APPROV INSPECTIONS. THE CONTRACTOR SHALL OBTAIN APPROVAL OF BUILDING OFFICIAL TO US SHALL ALERT THE ARCHITECT/EOR AS SUCH.	L IN ACCORDANCE WITH IBC SEC 110. THE CONTRACTOR SHALL OF ALL INSPECTION REPORTS TO THE ARCHITECT/EOR FOR ED INSPECTION AGENCIES IN LIEU OF BUILDING OFFICIAL'S E THE THIRD-PARTY INSPECTION AGENCY AND CONTRACTOR	<ul> <li>CC</li> <li>CC</li> <li>CC</li> <li>TI</li> <li>BA</li> </ul>	DNCRETE CAST AGAINST EAF DNCRETE EXPOSED TO EART DNCRETE EXPOSED TO EART ES IN COLUMNS AND BEAMS ARS IN SLABS AND WALLS	RTH 3" TH OR WEATHER ( TH OR WEATHER ( 1-1/2" 3/4"	#5 & SMALLER) 1-1/2 #6 & LARGER) 2"	n	
SOILS AND FOUNDATIONS		LAP & DEVELOPMEN	T SCHEDULE (CONCRETE ST	RENGTH F'C = UP	TO 4,500)		
REFERENCE STANDARDS: CONFORM TO IBC CHAPTER 18 "SOILS AND FOUNDATIONS."		BAR DESIGNATION		LAP LENGT	H, LS	DEVI	ELOPMENT LENGTH,
		#4 #5		32" 39"		24" 30"	
		WWF		8" ON ALL S	BIDES AND EDGES		

EPARED SOIL BEARING SURFACES PRIOR WOOD FRAM OILS ARE ADEQUATE TO SUPPORT THE ED TESTING AGENCY OR GEOTECHNICAL E REFE BY SECTION 1705.6 AND TABLE 1705.6. TO PLACING CONCRETE. THE BUILDING FACTORY DATA FROM ADJACENT AREA IS NS 1803.5.1 - 1803.5.6 AND SECTIONS

PACTED FILL OR COMPETENT NATIVE SOIL BEAR NOT LESS THAN 18 INCHES BELOW NGS SHALL BEAR NOT LESS THAN 12

NDITION FOR ALL FOUNDATION STEM MINIMUM 8" SEPARATION BETWEEN FINISH POSTS

ED IN MAXIMUM LOOSE LIFTS OF 12" OR L IS PROPERLY SUPPORTED BY THE Y. THE CONTRACTOR SHALL REFRAIN OR GREATER THAN THE HEIGHT OF THE REMOVED FROM BENEATH FILL

SPECIFICATIONS FOR STRUCTURAL

		TABLE OF MIX DES	SIGN REQUIREMENTS			
MEMBER	STRENGTH	TEST AGE	MAXIMUM	EXPOSURE	MAX	
	MINIMUM					
TYPE/LOCATION	(PSI)	(DAYS)	AGGREGATE	CLASSIFICATION	W/C RATIO	AIR CONTENT
FOUNDATION ELEMENTS	3,500	28	1"	F1, C0	0.45	4.5%

- ENTITIOUS MATERIALS. RATIOS NOT
- AMOUNT 2 9B. MAXIMUM
- HERWISE BY EOR.
- THE SOIL REQUIRE ENTRAINED AIR. USE ONTENT SHALL BE MEASURED AT POINT
- CHAPTER 19, BASED ON THE
- IVERY, A SLUMP OF 4" +/- 1". FOR

FORM TO SEC 2.3.2 EXCEPT STRENGTH

RUCTURAL AND NON-STRUCTURAL , PLUMBING, AND ARCHITECTURAL

- REINFORCEMENT SUPPORTS."
- VFORCEMENT."

2.2. "WELDING" AND PROVIDE ASTM A706,

BAR DESIGNATION	LAP LENGTH, LS	DEVELOPMENT LENGTH, LD
#4	32"	24"
#5	39"	30"
WWF	8" ON ALL SIDES AND EDGES	

FIELD BENDING: CONFORM TO ACI 301 SEC 3.3.2.8. "FIELD BENDING OR STRAIGHTENING." BAR SIZES #3 THROUGH #5 MAY BE FIELD BENT COLD THE FIRST TIME. OTHER BARS REQUIRE PREHEATING. DO NOT TWIST BARS.

RENCE S	TANDARDS: C
(1)	IBC CHAPTER
(2)	NDS AND ND
(3)	ANSI/TPI 1 "N
(4)	BCSI 2013 "Bl

ALTERNATES REPORT IDEN

**IDENTIFICATI** MATERIALS:

SAWN LUMBE ONLY.

MEMBER US STUDS & PLA POSTS BEAMS & HEA BEAMS & HEA

GLUED LAMIN MANUFACTU CAMBERED, U

MEMBER US BEAMS

ENGINEERED REDBUILT]. MAY BE SUBS AND ARE REV BELOW.

- •

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•

WOOD STRU WAFERBOAR AND PS-2-92 (

OCATION	THICKN
OOF	15/32"
LOOR	23/32" T
/ALLS	15/32"

JOIST HANG FOR THIS PR APPROVAL F BE INSTALLE EACH MEMBE SETTLE.

NAILS AND S OTHERWISE

# COMMON NAI

SIZE
8D
10D
16D
16D SINKER

LAG BOLTS/B

WOOD HOLD PROVIDED PE MANUFACTU

NAILING REQ DRAWINGS. I THE SURFAC

STANDARD L LIGHT-FRAME

RAMING						S	
NCE STA	NDARDS: CONFORM TO:						ACF S072
(1) IB	C CHAPTER 23 "WOOD."						NNA 19
(2) N	DS AND NDS SUPPLEMEN	T - "NATIONAL DESIGN	SPECIFICATION FOR WOOD CO	NSTRUCTION."		Z	MA WA
(3) A (4) B	CSI 2013 "BUILDING COMF	ONENT SAFETY INFOR	MATION."				ЧD 198
						Ž	VILL VILL
ATES: AL	TERNATES FOR SPECIFIE	D ITEM MAY BE SUBMIT	TED TO THE EOR FOR REVIEW	CONTRACTOR SHALL SUBMIT A CU	JRRENT ICC-ESR/IAPMO-ER		DIN DIN
					IVI.	$\frown$	DES 784 /00
ICATION:	ALL SAWN LUMBER AND F	PRE-MANUFACTURED V	VOOD PRODUCTS SHALL BE IDE	ENTIFIED BY THE GRADE MARK OR /	A CERTIFICATE OF		~ >
ALS:							
UMBER: C	CONFORM TO GRADING R	ULES OF WWPA, WCLIB	, OR NLGA. FINGER JOINTED ST	TUDS ACCEPTABLE AT INTERIOR NO	ON-STRUCTURAL WALLS		
RUSE	SIZE		SPECIES	GRADE			
& PLATES	2X4, 2X6		HF	NO. 2			
	4X4		HF	NO. 2			
& HEADER	۵۸ RS 4X8 4X1	2	HF	NO. 1 NO. 2			
& HEADER	RS 6X		DF	NO. 1			
	AND DESIGN" AND ANSI/	AITC 117 "STANDARD S AITC A190.1 "STRUCTU	RAL GLUED LAMINATED TIMBER	RAL GLUED LAMINATED TIMBER OF	AMS SHALL NOT BE		
RED, UNLI	ESS SHOWN OTHERWISE	ON THE PLANS OR SPE	CIFICATIONS.				
	01750						
RUSE	ALL		DE/DE	STRESS CLASS 24F-V4	USES ALL SPANS		
ERED WC	OD PRODUCTS (EWP): TH	E FOLLOWING MATERIA	ALS ARE BASED ON LUMBER M	ANUFACTURED BY [TRUSJOIST BY V	WEYERHAEUSER,		
LT]. TRUS SUBSTITI		ER WAS USED AS THE E	BASIS OF DESIGN FOR THIS PRO	DJECT. ALTERNATE PRODUCTS BY (	OTHER MANUFACTURERS		
E REVIEW	/ED AND APPROVED BY T	HE EOR. A HUD MATER	AL RELEASE FORM IS REQUIRE	ED FOR ALL MANUFACTURED WOOD	PRODUCTS LISTED		
•	LAMINATED VENEER LU	MBER (LVL): CONFORM	TO ICC ES REPORT NO. [ESR-1	387/ESR-2993], CCMC REPORT NO. [	[12627-R/13485-R], OR NES		
•	PARALLEL STRAND LUM	BER (PSL): CONFORM 1	O ICC ES REPORT NO. ESR-138	37, CCMC REPORT NO. 11161-R, OR	NES REPORT NO. NER-481.		
	USE 2.2EUNLESS NOTE	D OTHERWISE.				NOI	
•	LAMINATED STRAND LU	MBER (LSL): CONFORM	TO ICC ES REPORT NO. ESR-13	387, CCMC REPORT NO. 12627-R, OF	R NES REPORT NO.		
•	OPEN WEB WOOD TRUS	S (OWWT): CONFORM	O ICC ES REPORT NO. [PFC-43	54/ESR-1774] OR NES REPORT NO. I	NER-148. THE	RE	
	MANUFACTURER SHALL	DESIGN THE JOISTS F	OR THE SPANS AND CONDITION	NS SHOWN ON THE PLANS. JOISTS S	SHALL HAVE WOOD		
	CHORDS AND EITHER W	OOD OR METAL WEBS.					
STRUCTU	RAL SHEATHING (PLYWO	DD): WOOD APA-RATED	STRUCTURAL SHEATHING INC	LUDES: ALL VENEER PLYWOOD, OR	IENTED STRAND BOARD,	ш	
BOARD, P	ARTICLEBOARD, T1-11 SI	DING, AND COMPOSITE	S OF VENEER AND WOOD BASE	D MATERIAL. CONFORM TO PRODU	ICT STANDARDS PS-1-95	DAT	
-2-92 OF 1	THE U.S. DEPT. OF COMME		AN PLYWOOD ASSOCIATION (A	PA)			
N	THICKNESS	SPAN RATING	PLYWOOD GRADE	EXPOSURE		AN I.	LOSHBO
	15/32"	24/16	C-D	1			A CALL CLE
	23/32" T&G	24 OC	STURD-I-FLOOR	1		Euron T	
	15/32"	32/16	C-D	1			
ANGERS	AND CONNECTORS: SIMP	SON STRONG-TIE COM	PANY INC. AS SPECIFIED IN THE	EIR LATEST CATALOGS WAS USED A	AS THE BASIS OF DESIGN	ROFESSI	ISTERED INE
S PROJE	CT. ALTERNATE CONNECT	FORS BY OTHER MANU	FACTURERS MAY BE SUBSTITU	TED PROVIDED THEY HAVE CURREN	NT ICC-ESR/IAPMO-ER	4.0	02/22/2021
AL FOR E	R THE MANUFACTURER'S	S INSTRUCTIONS. WHEF	CONNECTOR STRAPS CONN	ECT TWO MEMBERS, PLACE 1/2 OF	THE NAILS OR BOLTS IN	$\bigcirc$	
EMBER. N	IAIL STRAPS TO WOOD FF	RAMING AS LATE AS PO	SSIBLE IN THE FRAMING PROC	ESS TO ALLOW THE WOOD TO SHRI	INK AND THE BUILDING TO	$\uparrow$	
						$\bigcirc$	
ND STAPL	ES: CONFORM TO IBC SE	C 2303.6 "NAILS AND S	APLES." UNLESS NOTED ON PL	ANS. NAIL PER IBC TABLE 2304.10.1	I. UNLESS NOTED		
VISE ALL	NAILS SHALL BE COMMON	N. NAIL SIZES SPECIFIE	O ON THE DRAWINGS ARE BASE	ED ON THE FOLLOWING SPECIFICAT	TIONS:	()	
						$\triangleleft$	
N NAILS	LENG	iTH I	DIAMETER			$\geq$	
	2-1/2"	,	0.131"				
	3"		).148" D.162"				
KER	3-1/2		).148"				$\square$
_TS/BOLT	S: CONFORM TO ASTM A3	807. PROVIDE WASHERS	SUNDER THE HEADS AND NUTS	S OF ALL BOLTS AND LAG SCREWS I	BEARING ON WOOD.		
HOLDOWN	S: HOLDOWNS SPECIFIE	D ARE AS MANUFACTU	RED BY SIMPSON STRONG-TIE	COMPANY INC. ADDITIONAL FRAMIN	IG MEMBERS SHALL BE	$\geq$ $-$	$\leq$
ED PER T	HE MANUFACTURER'S RE	QUIREMENTS. ACCEPT	ABLE EQUIVALENT PRODUCT S	SUBSTITUTIONS ARE AVAILABLE FRO	OM OTHER		
ACTURER	S WITH EOR APPROVAL. [	DO NOT COUNTERSINK	HOLDOWN BOLTS.				
REQUIRE	EMENTS: PROVIDE MINIM	JM NAILING IN ACCORD	ANCE WITH IBC TABLE 2304.10.	1 "FASTENING SCHEDULE" EXCEPT	AS NOTED ON THE		$\bigcirc$
GS. NAIL	NG FOR ROOF/FLOOR DIA	APHRAGMS/SHEAR WAL	LS SHALL BE PER DRAWINGS.	NAILS SHALL BE DRIVEN FLUSH ANI	D SHALL NOT FRACTURE		
RFACE OF	SHEATHING.						
RD LIGHT	-FRAME CONSTRUCTION	UNLESS NOTED ON TH	E DRAWINGS, CONSTRUCTION	I SHALL CONFORM TO IBC SEC 2308	3 "CONVENTIONAL	$\geq$	$\sim$
RAME CO	NSTRUCTION" AND IBC S	EC 2304 "GENERAL CON	ISTRUCTION REQUIREMENTS."				
(1) W		OTED OTHERWISE ON I	PLANS AND DETAILS) ALL INTER	RIOR WALLS SHALL BE 2X4 @ 16"OC		$\downarrow$	
( 1 /	ALL FRAMING (UNLESS N				S. ALL SOLID SAWN	$\bigcirc$ >	
V N	/ALL FRAMING (UNLESS N /ALLS SHALL BE 2X6 @ 16	"OC. PROVIDE (2) BUND	LED STUDS MIN AT WALL ENDS	S AND EACH SIDE OF ALL OPENINGS			
W L	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOR	LED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN	S AND EACH SIDE OF ALL OPENINGS /I AND (1) KING STUD AND ALL GLUL	AM OR ENGINEERED	$\cap$	
	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS STITCH-NAIL BU	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2)	NEED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMUI	S AND EACH SIDE OF ALL OPENINGS / AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR ) BLOCKING THRU FLOORS TO SUP	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR		
N Ll N O B	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 FS. ATTACH BOTTOM PL	LED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMU () 10D @ 12"OC. PROVIDE SOLIE ATES OF STUD WALLS TO WOO	S AND EACH SIDE OF ALL OPENINGS / AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR 2"OC OR TO CONCRETE		GEN
W LL W O B W	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 FS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A	ALED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMUM (1) 10D @ 12"OC. PROVIDE SOLID ATES OF STUD WALLS TO WOO AT 48"OC. REFER TO SHEAR WA	S AND EACH SIDE OF ALL OPENINGS A AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR "OC OR TO CONCRETE THING, STUD, AND NAILING		GEN
N LL W O B N R	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO EQUIREMENTS AT SHEAR URFACES.	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOR RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 IS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A WALLS. PROVIDE GYPS	ALED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMU (1) 10D @ 12"OC. PROVIDE SOLID ATES OF STUD WALLS TO WOO AT 48"OC. REFER TO SHEAR WA SUM SHEATHING ON INTERIOR	S AND EACH SIDE OF ALL OPENINGS / AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT SURFACES AND PLYWOOD SHEATH	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR "OC OR TO CONCRETE THING, STUD, AND NAILING HING ON EXTERIOR	MERCER	GEN
N LL M O B N R S	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO EQUIREMENTS AT SHEAR URFACES.	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOR RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 IS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A WALLS. PROVIDE GYPS	ALED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMU (1) 10D @ 12"OC. PROVIDE SOLID ATES OF STUD WALLS TO WOO AT 48"OC. REFER TO SHEAR WA SUM SHEATHING ON INTERIOR	S AND EACH SIDE OF ALL OPENINGS / AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPF DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT SURFACES AND PLYWOOD SHEATH	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR 2"OC OR TO CONCRETE THING, STUD, AND NAILING HING ON EXTERIOR	MERCER	GEN
(2) <u>R</u>	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO EQUIREMENTS AT SHEAR URFACES.	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 IS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A WALLS. PROVIDE GYPS	ALED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMUM (1) 10D @ 12"OC. PROVIDE SOLIE (ATES OF STUD WALLS TO WOO AT 48"OC. REFER TO SHEAR WA SUM SHEATHING ON INTERIOR (ISE ON PLANS AND DETAILS) P	S AND EACH SIDE OF ALL OPENINGS A AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT SURFACES AND PLYWOOD SHEATH	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR 2"OC OR TO CONCRETE THING, STUD, AND NAILING HING ON EXTERIOR	4 MERCER	GEN
(2) <u>R</u> (2) <u>R</u> M	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEADE PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO EQUIREMENTS AT SHEAR URFACES. OOF/FLOOR FRAMING: (UI EARING PARTITIONS AND ULTI-JOISTS/RAFTERS SH	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 IS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A WALLS. PROVIDE GYPS NLESS NOTED OTHERW SOLID BLOCKING AT AN JALL BE STITCH-NAMED	ALED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMUM (1) 10D @ 12"OC. PROVIDE SOLIE (1) ATES OF STUD WALLS TO WOO ATES OF STUD WALLS TO WOO (1) ATES OF STUD WALLS TO WOO (1) ATE	S AND EACH SIDE OF ALL OPENINGS A AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT SURFACES AND PLYWOOD SHEATH PROVIDE DOUBLE JOISTS/RAFTERS DOUBLE JOISTS AROUND ALL ROOF OC. PROVIDE ROOF SHEATHING FD	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR 2"OC OR TO CONCRETE THING, STUD, AND NAILING HING ON EXTERIOR UNDER ALL PARALLEL F/FLOOR OPENINGS.	)24 MERCER	GEN
(2) <u>R</u> (2) <u>R</u> (2) <u>R</u> (2) <u>R</u> (2) <u>R</u> (2) <u>R</u> (2) <u>R</u> (3) <u>B</u>	ALL FRAMING (UNLESS N ALLS SHALL BE 2X6 @ 16 JMBER BEAMS AND HEAD OOD BEAMS AND HEAD PENINGS. STITCH-NAIL BU EARING WALLS AND POST (ITH 5/8"-DIA. ANCHOR BO EQUIREMENTS AT SHEAR URFACES. OOF/FLOOR FRAMING: (UI EARING PARTITIONS AND ULTI-JOISTS/RAFTERS SH ETWEEN FRAMING AT UNI	"OC. PROVIDE (2) BUND PERS SHALL BE SUPPOF RS BY (2) TRIM AND (2) JNDLED STUDS WITH (2 IS. ATTACH BOTTOM PL LTS X 7" EMBEDMENT A WALLS. PROVIDE GYPS NLESS NOTED OTHERW SOLID BLOCKING AT A IALL BE STITCH-NAILED BLOCKED PLYWOOD EE	LED STUDS MIN AT WALL ENDS RTED BY A MINIMUM OF (1) TRIN KING STUDS. PROVIDE MINIMU (1) 10D @ 12"OC. PROVIDE SOLIE ATES OF STUD WALLS TO WOO T 48"OC. REFER TO SHEAR WA SUM SHEATHING ON INTERIOR (ISE ON PLANS AND DETAILS) P LL BEARING POINTS. PROVIDE I TOGETHER WITH (2)10D @ 12" (0) OGES. ALL FLOOR SHEATHING S	S AND EACH SIDE OF ALL OPENINGS A AND (1) KING STUD AND ALL GLUL M 4X10] HEADERS AT ALL INTERIOR D BLOCKING THRU FLOORS TO SUPP DD FRAMING BELOW WITH 16D @ 12 LL SCHEDULE FOR SPECIFIC SHEAT SURFACES AND PLYWOOD SHEATH PROVIDE DOUBLE JOISTS/RAFTERS DOUBLE JOISTS AROUND ALL ROOF OC. PROVIDE ROOF SHEATHING ED SHALL HAVE TONGUE AND GROOVE	AM OR ENGINEERED AND EXTERIOR WALL PORTS BELOW FOR 2°OC OR TO CONCRETE THING, STUD, AND NAILING HING ON EXTERIOR UNDER ALL PARALLEL F/FLOOR OPENINGS. GE CLIPS CENTERED E JOINTS OR BE	5024 MERCER	GEN

(2)	ROOF/FLOOR
	BEARING PAR
	MULTI-JOISTS
	BETWEEN FRA
	SUPPORTED E
	SHEATHING SI

MOISTURE CONTENT: WOOD MATERIAL USED FOR THIS PROJECT SHALL HAVE MAXIMUM MOISTURE CONTENT OF 19% EXCEPT FOR THE PRESSURE-TREATED WOOD SILL PLATE.

PRESERVATIVE TREATMENT: WOOD MATERIALS ARE REQUIRED TO BE "TREATED WOOD" UNDER CERTAIN CONDITIONS IN ACCORDANCE WITH IBC SEC 2304.12 "PROTECTION AGAINST DECAY AND TERMITES." CONFORM TO THE APPROPRIATE STANDARDS OF THE AMERICAN WOOD-PRESERVERS ASSOCIATION (AWPA) FOR SAWN LUMBER, GLUED LAMINATED TIMBER, ROUND POLES, WOOD PILES, AND MARINE PILES. FOLLOW AMERICAN LUMBER STANDARDS COMMITTEE (ALSC) QUALITY ASSURANCE PROCEDURES. PRODUCTS SHALL BEAR THE APPROPRIATE MARK.

METAL CONNECTORS/PT WOOD: ALL METAL HARDWARE AND FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE STAINLESS STEEL TYPE 316L. AT THE OWNER'S RISK AND DISCRETION, HOT-DIPPED GALVANIZED METAL HARDWARE AND FASTENERS MAY BE INVESTIGATED FOR USE IN LIEU OF STAINLESS STEEL PROVIDED THAT THE FINISH HAS A MINIMUM ZINC CONTENT OF AT LEAST 1.85 OZ./SF AND ITS USE IS COORDINATED BY THE CONTRACTOR AND WOOD SUPPLIER FOR THE EXPECTED ENVIRONMENT AND MOISTURE EXPOSURE FOR APPROPRIATE USE BASED ON THE METHOD OF PRESERVATIVE TREATMENT OF THE WOOD.

AMING AT UNBLOCKED PLYWOOD EDGES. ALL FLOOR SHEATHING SHALL HAVE TONGUE AND GROOVE JOINTS OR BE BY SOLID BLOCKING. ALLOW 1/8" SPACING AT ALL PANEL EDGES AND ENDS OF ROOF/FLOOR SHEATHING. ROOF/FLOOR SHALL BE LAID FACE GRAIN PERPENDICULAR TO FRAMING MEMBERS.

CHK BY: DRW BY:

SCALE: AS SHOWN

DATE: 02/22/202

JOB NO: 20-084

SHEET: 1 OF 10

DWG NO: S100

TNT

L2E

BAR = 1"

FULL SIZE

	STRUCTURAL A	BBREVIATIONS	
&	AND	IF	INSIDE FACE
0	AT	IN	INCH
#	NUMBER	INT	INTERIOR
AB	ANCHOR BOLT	INV	INVERT
ABV	ABOVE	KIP, K	1,000 POUNDS
ADD'L		KSI	KIPS PER SQUARE INCH
		LB	
ARCH	ARCHITECT(URAL)		
ATR	ALL-THREADED ROD		
В/	BOTTOM OF	LONGIT	
BN	BOUNDARY NAILING	Ls	LAP SPLICE LENGTH
BLDG	BUILDING	LSL	LAMINATED STRAND LUMBER
BLKG	BLOCKING	LVL	LAMINATED VENEER LUMBER
ВМ	BEAM	МАХ	МАХІМИМ
BOTT	BOTTOM OF	MECH	MECHANICAL
BR	BRACE	MFR	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
С	STANDARD CHANNEL	MTL	METAL
00		(N)	NEW
CDF	CONTROLLED DENSITY FILL	NIC	
		NOM	
		NTE	NUT TO SCALE
		NTS	
	CONCRETE MASONRY LINUT		
CONC			ORIENTED STRAND BOARD
CONN	CONNECTION	OWSJ	OPEN WEB STEEL JOIST
CONST	CONSTRUCTION	OWWJ	OPEN WEB WOOD JOIST
CONT	CONTINUOUS	PC	PRECAST
CTRD	CENTERED	PCF	POUNDS PER CUBIC FOOT
CTSK	COUNTERSINK	PL	PLATE
d	PENNY (NAILS)	PERP	PERPENDICULAR
DBL	DOUBLE	PLY	PLYWOOD
DEMO	DEMOLITION	PRE-MFR	PRE-MANUFACTURED
DET	DETAIL	PS	PRESTRESSED
DE			
DF	DOUGLAS FIR	PSI	POUNDS PER SQUARE INCH
DIA	DOUGLAS FIR DIAMETER	PSI PSL	POUNDS PER SQUARE INCH PARALLEL STRANDED LUMBER
DIA DIAG	DOUGLAS FIR       DIAMETER       DIAGONAL	PSI PSL PT	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED
DIA DIAG DL	DOUGLAS FIR       DIAMETER       DIAGONAL       DEAD LOAD	PSI           PSL           PT           R	POUNDS PER SQUARE INCH PARALLEL STRANDED LUMBER PRESSURE TREATED RADIUS
DIA DIAG DL DN	DOUGLAS FIR       DIAMETER       DIAGONAL       DEAD LOAD       DOWN	PSI PSL PT R REF	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE
DIA DIAG DL DN DP	DOUGLAS FIR       DIAMETER       DIAGONAL       DEAD LOAD       DOWN       DEPTH	PSI           PSL           PT           R           REF           REINF	POUNDS PER SQUARE INCH PARALLEL STRANDED LUMBER PRESSURE TREATED RADIUS REFERENCE REINFORCING
DF DIA DIAG DL DN DP DWG(S)	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)	PSI           PSL           PT           R           REF           REINF           REQ'D	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REINFORCING         REQUIRED
DF DIA DIAG DL DN DP DWG(S) DWL(S)	DOUGLAS FIR       DIAMETER       DIAGONAL       DEAD LOAD       DOWN       DEPTH       DRAWING(S)       DOWEL(S)	PSI           PSL           PT           R           REF           REINF           REQ'D           RET	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REINFORCING         REQUIRED         RETAINING
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA	DOUGLAS FIR       DIAMETER       DIAGONAL       DEAD LOAD       DOWN       DEPTH       DRAWING(S)       DOWEL(S)       EACH	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REINFORCING         REQUIRED         RETAINING         ROOF JOIST
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)         DOWEL(S)         EACH         EACH FACE	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF EN	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)         DOWEL(S)         EACH         EACH FACE         EDGE NAILING	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF EN EL	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)         DOWEL(S)         EACH         EACH FACE         EDGE NAILING         ELEVATION	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV           SCHED	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF EN EL EMBED ENCP	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)         DOWEL(S)         EACH         EACH FACE         EDGE NAILING         ELEVATION         EMBEDMENT         ENCINEER	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           SCHED           SECT	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REINFORCING         REQUIRED         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SECTION
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF EN EL EN EL EN EL EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIR         DIAMETER         DIAGONAL         DEAD LOAD         DOWN         DEPTH         DRAWING(S)         DOWEL(S)         EACH         EACH FACE         EDGE NAILING         ELEVATION         EMBEDMENT         ENGINEER         FOUAL(LY)	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV           SCHED           SECT           SHTG	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REJNFORCING         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SECTION         SHEATHING
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EF EN EL EN EL ENGR EQ EW	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAY	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           SCHED           SECT           SHTG           SIM	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SHEATHING         SIMILAR
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EA EF EN EL EN EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EL EN EN EL EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONEMBEDMENTENGINEEREQUAL(LY)EACH WAYEXISTING	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           SCHED           SECT           SHTG           SIM           SOG	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SECTION         SHEATHING         SIMILAR         SLAB ON GRADE
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EA EF EN EL EN EN EL EN EL ENGR EQ EQ EXP EXP	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXPANSION	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV           SCHED           SECT           SIM           SOG	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SECTION         SHEATHING         SIMILAR         SLAB ON GRADE         SQUARE
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EA EF EN EL EN EN EN EQ EN EQ EN EQ EQ EX ST (E) EX ST	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EXPANSIONEXTERIOR	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           SCHED           SECT           SHTG           SIM           SOG           SPEC           SQ	POUNDS PER SQUARE INCH         PARALLEL STRANDED LUMBER         PRESSURE TREATED         RADIUS         REFERENCE         REQUIRED         RETAINING         ROOF JOIST         ROOF TRUSS         REVISION         SCHEDULE         SECTION         SHEATHING         SIMILAR         SLAB ON GRADE         SQUARE         STAINLESS STEFI
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EA EF EN EL EN EN EN EL EN EN EL EN EN EL EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXPANSIONEXTERIORFLAT BAR	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           REQ'D           RET           SCHED           SCHED           SECT           SIM           SOG           SPEC           SQ           SS           STD	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESQUARESTAINLESS STEELSTAINLARD
DF DIA DIAG DL DN DP DWG(S) DWL(S) EA EA EF EN EL EN EN EN EQ EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXPANSIONEXTERIORFLAT BARFLOOR DRAIN	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV           SCHED           SCHED           SUM           SECT           SHTG           SUM           SOG           SPEC           SQ           STD           STIFF	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTIFFENER
DF           DIAG           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           EN           EL           ENGR           EQ           EXIST, (E)           EXT           FB           FD           FIN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIOREXTERIORFLAT BARFINISH	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           REQ'D           RET           SCHED           SCHED           SECT           SIM           SOG           SPEC           SQ           STIFF           STIFF	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESQUARESTAINLESS STEELSTAINLERSTIFFENERSTEEL
DF           DIAG           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           EN           EL           EMBED           EQ           EXIST, (E)           EXT           FB           FD           FIN           FJ	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONEMBEDMENTENGINEEREQUAL(LY)EXTERIOREXTERIORFLAT BARFLOOR DRAINFINISHFLOOR JOIST	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RJ           RT           REV           SCHED           SCHED           SUM           SECT           SHTG           SUM           SOG           SPEC           SQ           STD           STIFF           STL           STRUCT	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTIFFENERSTEELSTRUCTURAL
DF           DIAG           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           EN           EL           ENGR           EQ           EXIST, (E)           EXT           FB           FD           FIN           FJ           FLR	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLAT BARFLOOR DRAINFLOOR JOISTFLOOR	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RUNF           REQ'D           RET           SCHED           SCHED           SCHED           SUM	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSJMILARSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTAINLESS STEELSTEELSTRUCTURALSHEAR WALL
DF           DIAG           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           ENGR           EQ           EXIST, (E)           EXT           FB           FD           FIN           FJ           FLR           FDN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EXTERIORFLAT BARFLOOR DRAINFLOOR JOISTFLOORFOUNDATION	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RU           REQ'D           RET           SCHED           SCHED           SCHED           SUM           SCHED           SUM           SUM	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTIFFENERSTEELSTRUCTURALSHEAR WALLSYMMETRICAL
DF           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           ENGR           ENGR           EQ           EXIST, (E)           EXT           FB           FD           FJ           FJ           FDN           FJ           FDN           FDN           FDN           FDN           FDN           FDN           FDN           FDN           FDN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLAT BARFLOOR DRAINFLOOR JOISTFOUNDATIONFOUNDATIONFOUNDATIONFOUNDATIONFOUNDATION	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           REQ'D           RET           SCHED           SCHED           SCHED           SCHED           SUM           SSCHED           SUM           SSQ           SS           STD           STIFF           STL           SW           SYM           T/	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSUARESLAB ON GRADESQUARESTAINLESS STEELSTAINLESS STEELSTEELSTRUCTURALSHEAR WALLSYMMETRICALTOP OF
DF           DIAG           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           ENGR           EQ           EXIST, (E)           EXP           FD           FJ           FJ           FJ           FJN           FJ           FTG	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLAT BARFLOOR DRAINFLOOR JOISTFLOORFOOT, FEETFOOTING	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           REQ'D           RET           SCHED           SCHED           SCHED           SCHED           SECT           SHTG           SN           SOG           SPEC           SQ           STD           STIFF           STIL           STRUCT           SW           SYM           T/           T&XB	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESQUARESTAINLESS STEELSTAINLESS STEELSTEELSTRUCTURALSHEAR WALLSYMMETRICALTOP OFTOP AND BOTTOM
DF           DIA           DIAG           DL           DN           DP           DWG(S)           DWL(S)           EA           EF           ENGR           EQ           EXIST, (E)           EXT           FB           FD           FJ           FJR           FDN           FJR           FDN           FT           FTG           GA	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLOOR DRAINFLOOR JOISTFLOORFOOT, FEETFOOTINGGAUGE	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           REQ'D           RET           SCHED           SCHED           SCHED           SUM           SUM     <	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSUARESUARESTAINLESS STEELSTAINLESS STEELSTRUCTURALSHEAR WALLSYMMETRICALTOP OFTOP AND BOTTOM
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DF DIA DIAG DL DN DP DWG(S) DWG(S) DWL(S) EA EA EF EN EA EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLOOR DRAINFINISHFLOOR DRAINFILOORFOUNDATIONFOOTINGGALVANIZEDGRADE BEAM	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RUNF           REQ'D           RET           RUNF           SCHED           SCHED           SCHED           SUM           SUM	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSUARESUARESTAINLESS STEELSTAINLESS STEELSTRUCTURALSHEAR WALLSYMMETRICALTOP OFTOP AND BOTTOMTHROUGH
DF DIA DIAG DL DN DP DWG(S) DWG(S) DWL(S) EA EA ER EN EN EN EN EN EN EN EN EN EN EN EN EN	DOUGLAS FIRDIAMETERDIAGONALDEAD LOADDOWNDEPTHDRAWING(S)DOWEL(S)EACHEACH FACEEDGE NAILINGELEVATIONENGINEEREQUAL(LY)EACH WAYEXTERIORFLOOR DRAINFLOOR JOISTFLOOR JOISTFOOT, FEETFOOTINGGALVANIZEDGRADE BEAMGENERAL	PSI           PSL           PT           R           REF           REINF           REQ'D           RET           RU           REQ'D           RET           RU           RET           RJ           RT           REV           SCHED           SECT           SHTG           SUM           SOG           SPEC           SQ           SS           STD           STIFF           STU           STRUCT           SW           SYM           T/           T&B           T&CG           THK           THRU           TJI	POUNDS PER SQUARE INCHPARALLEL STRANDED LUMBERPRESSURE TREATEDRADIUSREFERENCEREINFORCINGREQUIREDRETAININGROOF JOISTROOF TRUSSREVISIONSCHEDULESECTIONSHEATHINGSIMILARSLAB ON GRADESTAINLESS STEELSTAINLESS STEELSTAINLESS STEELSTEELSTRUCTURALSHEAR WALLSYMMETRICALTOP OFTOP AND BOTTOMTHROUGHTRUSS JOIST
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<u>NOTES</u>

FOR 7⁄8"NUT.

MODEL	L <sub>t</sub> OR L <sub>h</sub> (in.)	SHI REINFOF
WSW12	10¼	(1) #3 H
WSW18	15	(1) #3 H
WSW24	19	(2) #3 H

STRONG WALL ANCHORAGE SCHEDULE

STRONG WALL ANCHORAGE SHEAR REINFORCEMEN

N TOP EL <u>ZONE</u> §° OF PANEL HOWN EXISTING	LZ ENGINEERS Design and planning 17848 NE 198TH PLACE WOODINVILLE, WA 98072
	DATE REVISION
I PER PLAN	POPERSTONAL ENGINE
	SIDENCE CER ISLAND, WA BBREVIATIONS AILS / SCHEDUL
60 JRE DURING NT.	ERCER WAY, MER Structural a Trong Wall Det
E SIM) Q'D QUANTITY	HK BY: DRW BY: L2E TNT
	SCALE: AS SHOWN BAR = 1" FULL SIZE DATE: $02/22/2021$ JOB NO: 20-084 SHEET: 2 OF 10
IT	DWG NO: S101



SHEAR WALL SCHEDULE NOTES:

1. ALL NAILS ARE COMMON, UNO. REFERENCE GENERAL STRUCTURAL NOTES FOR NAIL DIAMETER AND LENGTH.

REFERENCE SHEAR WALL KEY DETAIL FOR DESCRIPTION OF TERMS. 3. PROVIDE SHEAR WALL SHEATHING AND NAILING FOR ENTIRE LENGTH OF THE WALLS INDICATED ON THE PLANS. ENDS OF SHEAR WALLS ARE TYPICALLY AT

- WINDOWS, DOORWAYS OR AS SHOWN ON PLAN. 4. EDGE NAILING IS REQUIRED AT ALL HOLDOWN POSTS. EDGE NAILING IS REQUIRED TO EACH STUD USED IN BUILT-UP HOLDOWN POSTS. REFERENCE HOLDOWN SCHEDULE & DETAILS FOR ADDITIONAL INFORMATION.
- 5. INTERMEDIATE FRAMING TO BE 2x MINIMUM MEMBERS UNO IN SCHEDULE. ATTACH SHEATHING TO INTERMEDIATE FRAMING WITH EDGE NAILING AT 12"OC WHERE STUDS ARE SPACED AT 16"OC AND EDGE NAILING AT 6"OC WHERE STUDS ARE SPACED AT 24"
- 6. SIMPSON STRONG-TIE "A35" MAY BE USED IN LIEU OF "LTP5." "LTP5" CLIPS SHALL BE ORIENTED LENGTHWISE (HORIZONTAL) AT PLATE TO RIM. USE 0.131"Øx1½ NAILS WHERE "LTP" TYPE CLIPS ARE ATTACHED DIRECTLY TO FRAMING AS OPPOSED TO OVER SHEATHING. USE 0.131"Øx2½ NAILS WHERE "LTP" TYPE CLIPS ARE INSTALLED OVER SHEATHING. REFERENCE DETAIL 2/S102 FOR CLARIFICATION.
- 7. (2) 2x STUDS NAILED TOGETHER MAY BE USED IN PLACE OF SINGLE 3x STUD. DOUBLE 2x STUDS SHALL BE SECURED TOGETHER WITH FASTENERS OF THE SAME DIAMETER AND SPACING AS THE BOTTOM PLATE ATTACHMENT PER SCHEDULE. 8. WHERE SHEATHING IS APPLIED ON BOTH SIDES OF A SHEAR WALL AND NAIL SPACING IS LESS THAN 6"OC ON EITHER SIDE, THE WIDTH OF THE NAILED FACE
- OF THE FRAMING MEMBER SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND NAILS AT ALL PANEL EDGES SHALL BE STAGGERED. ALTERNATIVELY, PANELS SHALL BE STAGGERED SO THAT EDGE JOINTS ON OPPOSITE SIDES ARE NOT LOCATED ON THE SAME STUD.
- 9. ANCHOR BOLTS SHALL BE PROVIDED WITH HOT-DIPPED GALVANIZED STEEL PLATE WASHERS PER DETAILS ON DRAWINGS. EMBED ANCHOR BOLTS 7" MINIMUM INTO THE CONCRETE PROVIDE AN ANCHOR BOLT AT EACH END OF EACH PLATE AND SHALL BE AT LEAST 7 TIMES THE ANCHOR BOLT DIAMETER FORM THE ENDS OF THE PLATE, BUT NOT MORE THAN ½ THE TABULATED ANCHOR BOLT SPACING OR 12", WHICHEVER IS LESS. SEE ANCHOR BOLT DETAIL FOR PLATE WASHER REQUIREMENTS. [ALT: %"ØX8" TITEN HD ANCHOR SCREWS MAY BE USED IN LIEU OF ANCHOR BOLTS AT EXISTING CONCRETE, WITH PLATE WASHER & SPACING REQUIREMENTS PER SCHEDULE.]
- 10. PROVIDE HOT-DIPPED GALVANIZED NAILS AND CONNECTOR PLATES (FRAMING ANGLES, ETC.) AT ALL PRESSURE TREATED LUMBER. REFERENCE
- GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION. 11. PANELS MAY BE INSTALLED HORIZONTALLY IF STUDS ARE SPACED AT 16"OC MAX.
- 12. STAGGER EDGE NAILING.

EDGES.

- 13. THE TOP EDGE OF THE WOOD STRUCTURAL PANEL SHALL BE ATTACHED TO THE UPPER TOP PLATE. ROOF OR UPPER LEVEL UPLIFT CONNECTORS SHALL BE ON THE SAME SIDE OF THE WALL AS THE SHEATHING. 14. THE BOTTOM EDGE OF THE WOOD STRUCTURAL PANEL SHALL EXTEND TO AND BE ATTACHED TO THE BOTTOM OR SILL PLATE.
- 15. REFERENCE DETAIL BELOW FOR STAGGERED NAIL AND SCREW SPACING AT RIM BOARDS.
- 16. WALL TYPE ACCEPTABLE WITH TRUSJOIST AND BOISE CASCADE RIM JOIST AND BLOCKING.
- 17. PROVIDE PLATE WASHERS AT EACH ANCHOR BOLT THAT IS NOT LESS THAN 0.229" X 3" X 3". 18. FOR SW2, 3X FRAMING MEMBERS AND BLOCKING MUST BE PROVIDED AT ADJOINING PANEL EDGES, AND NAILS MUST BE STAGGERED AT PANEL



BOLT TO FOUNDATION	SILL PLATE AT FOUNDATION	ALLOWABLE CAPACII	SHEAR WALL 'Y (PLF)	
@ 48" OC	PT 2X	242	770	
@ 60" OC	PT 3X	242	539	
@ 32" OC	PT 2X	353	495	
@ 40" OC	PT 3X		490	
© 24" OC	PT 2X	456	637	
© 32" OC	PT 3X	+50	007	
@ 18" OC	PT 2X	595	832	
@ 24" OC	PT 3X		852	
© 24" OC	PT 3X	707	990	
@ 16" OC	PT 3X	911	1274	
@ 12" OC	PT 3X	1190	1469	

HOLDOWN SCHEDULE (HF)							
MARK	MODEL #	ALLOWABLE UPLIFT					CONCRETE
		MID WALL	CORNER	END WALL	MIN END STODS	STOD FASTENERS	ANCHOR
HDU2	HDU2-SDS2.5	2,215			(2) 2X	(6) 1/4X2 1/2 SDS	SSTB16
HDU4	HDU4-SDS2.5	3,285		(2) 2X	(10) 1/4X2 1/2 SDS	SSTB16	
HDU5	HDU5-SDS2.5	4,340		(2) 2X	(14) 1/4X2 1/2 SDS	SSTB20	
HDU8	HDU8-SDS2.5	5,820			(2) 2X	(20) 1/4X2 1/2 SDS	SSTB
HDU11	HDU11-SDS2.5	8,030			4X6	(30) 1/4X2 1/2 SDS	PAB8
HDU14	HDU14-SDS2.5	9,260			4X6	(36) 1/4X2 1/2 SDS	PAB8

HOLDOWN SCHEDULE NOTES

1. REFERENCE FOUNDATION PLAN NOTE 1 FOR HOLDDOWNS AT EXISTING FOUNDATION LOCATIONS

2. HOLDOWNS SPECIFIED ARE BY SIMPSON STRONGTIE 3. REFERENCE PLANS FOR ADDITIONAL STUD REQUIREMENTS WHERE OCCUR

4. PROVIDE 1/4" X 3" SQ PLATE WASHER BETWEEN STANDARD DOUBLE NUTS. EMBED LENGTH EQUAL TO TOP OF CONCRETE DOWN TO TOP OF PLATE WASHER 5. INCREASE FOOTING DEPTH LOCALLY AS REQUIRED TO ACHIEVE REQUIRED EMBEDMENT DEPTH AS SPECIFIED BY HOLDDOWN MANUFACTURER



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1	DETAIL		
	SCALE: NTS TYPICAL HDU	TYPE	HOLDDOW

TIEDOWN STRAP SCHEDULE			
STRAP	MINIMUM END LENGTH	NAILING REQ'D AT EA END LENGTH	ALLOWABLE UPLIF (LBS)
CS20	9"	(16) 0.131 x 2 1/2"	1,030
CS16	15"	(26) 0.131 x 2 1/2"	1,370
CS14	19"	(36) 0.131 x 2 1/2"	2,490
CMSTC16	25"	(56) 0.148 x 3"	4,585
CMST14	34"	(76) 0.148 x 3"	6,490
CMST12	44"	(98) 0.148 X 3"	9,215



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dwg NO: S200





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DWG	NO:	S201
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