#### TYPICAL SHEAR WALL NOTES 1. WOOD STRUCTURAL PANEL SHEAR WALLS:

(1) NAILING TO -

EDGE

PLYWOOD -

PANEL

TOP OF CONCRETE

PLYWOOD MAY BE-

EITHER VERTICAL

SIMPSON HOLDOWN @

END OF SHEARWALL

PER PLAN - PROVIDE FASTENERS PER

HOLDOWN SCHEDULE

ON THIS SHEET

(2) #5 VERT @-

HOLDOWN LOCATION

OR HORIZONTAL

DBL TOP PL

INTERMEDIATE

PLYWOOD PANEL

FRAMING MEMBERS

- a. 8d NAILS SHALL BE COMMON (2 1/2" X 0.113" DIAMETER) WITH 1 3/8" MINIMUM PENETRATION INTO FRAMING. NO. 14 GAGE STAPLES WITH A MINIMUM 7/16" OD CROWN AND 1 1/2" LENGTH MAY BE USED ONE FOR ONE IN LIEU OF 8d NAILS. FASTENERS EXPOSED TO WEATHER SHALL BE ZINC COATED BY HOT DIP GALVANIZING, MECHANICALLY DEPOSITED, OR ELECTRO DEPOSITED.
- b. WHERE PLYWOOD IS APPLIED BOTH SIDES OF SHEAR WALL, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, OR FRAMING MEMBERS SHALL BE 3" WIDE (NOMINAL) AND NAILS ON EACH SIDE SHALL BE STAGGERED.
- c. FRAMING AT ADJOINING PANEL EDGES AND BOTTOM PLATES OF SHEAR WALLS SHALL BE 3-INCH NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED WHERE THE REQUIRED SHEAR CAPACITY EXCEEDS 700 plf.
- d. ALLOWABLE SHEAR VALUES IN TABLE ABOVE ARE FOR HEM-FIR FRAMING MEMBERS (GROUP III). NO SUBSTITUTION OF LESSER GROUPS WILL BE ALLOWED.
- 2. PLATE WASHERS A MINIMUM OF 3 INCH X 3 INCH X 0.229 INCH THICK SHALL BE USED ON EACH ANCHOR BOLT. SEE DETAIL A/S2.1.
- 3. ALL BLOCKING SHALL BE 2X HEM-FIR STUD GRADE OR BETTER. (USE 3 X HF BLOCKING WHERE REQUIRED BY NOTE #1b & 1c.)

RAFTER-

BLKG

(2) A35 -

PROVIDE TRIM STUD @ FULL HEIGHT OPNGS AS

BOLTHEADS (DO NOT CTSK INTO HOLDOWN STUDS)

REQ'D TO COVER

- 2 X P.T. BOTTOM PLATE

3 X P.T. BOTTOM PLATE

A.BOLT PER SHEARWALL

▼ TYPE P-1 & P-2

● TYPE P-3 OR GREATER W/ 1/2"0

NOTE: IN LIEU OF SIMPSON SSTB ANCHOR BOLT @

HOLDOWN, CONTRACTOR MAY USE A36 ALLTHREAD

W/ 3 X 3 X 1/4 PLATE & NUT ON EMBEDDED END -

HDU5 HOLDOWN: USE 5/8" ALLTHREAD (20" MIN EMBED)

DIAMETER & LENGTH AS FOLLOWS:

HD HOLDOWN DETAIL AT CONCRETE

4. PROVIDE DOUBLE BLOCKING OR RIM JOIST UNDER WOOD SILL WHERE (2) ROWS OF FASTENERS ARE REQUIRED. PROVIDE TRIPLE BLOCKING OR RIM JOIST UNDER WOOD SILL WHERE (3) ROWS OF FASTENERS ARE REQUIRED. (CLOSEST ALLOWABLE SPACING FOR 16d NAILS IN 1 1/4" "TIMBERSTRAND" LSL RIM IS 6"o.c.)

- INTERMEDIATE

FRAMING

MEMBERS

- HOLDOWN

(4) SILL PLATE

BOLTING

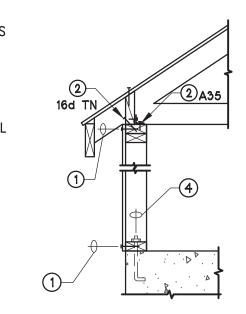
SHEARWALL SCHEDULE

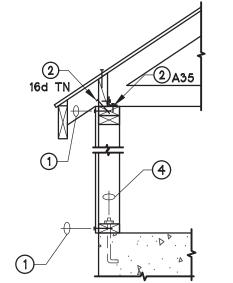
5. " (#) " INDICATES CONNECTION TYPE AS DESCRIBED IN SCHEDULE ABOVE - LOCATE PER DIAGRAM AT RIGHT.

1) EDGE NAILING AT ALL-

JAMB, CORNER AND

WALL END MEMBERS





# SILL PLATE ANCHORAGE

**SPECIAL** 

# SHEAR WALL SYSTEMS:

- 1. PANELS SHALL NOT BE LESS THAN 4' X 8', EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING. ALL EDGES OF ALL PANELS SHALL BE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.
- NAILS SHALL BE LOCATED AT LEAST 3/8" FROM THE PANEL EDGES. MAXIMUM NAIL SPACING AT PANEL EDGES SHALL BE 6" ON CENTER.
- NAILS ALONG INTERMEDIATE FRAMING MEMBERS SHALL BE THE SAME SIZE AS NAILS SPECIFIED FOR PANEL EDGE NAILING. AT INTERMEDIATE FRAMING MEMBERS, THE MAXIMUM NAIL SPACING SHALL BE 6" ON CENTER.
- THE WIDTH OF THE NAILED FACE OF FRAMING MEMBERS AND BLOCKING SHALL BE 2" NOMINAL OR GREATER AT ADJOINING PANEL EDGES EXCEPT THAT A 3" NOMINAL OR GREATER WIDTH AT ADJOINING PANEL EDGES AND STAGGERED NAILING AT ALL PANEL EDGES ARE REQUIRED
- NAIL SPACING OF 2" ON CENTER OR LESS AT ADJOINING PANEL EDGES IS SPECIFIED, OR 10d COMMON NAILS HAVING PENETRATION INTO FRAMING MEMBERS AND BLOCKING OF MORE THAN
- 1-1/2" ARE SPECIFIED AT 3" ON CENTER, OR LESS AT ADJOINING PANEL EDGES, OR REQUIRED NOMINAL UNIT SHEAR CAPACITY ON EITHER SIDE OF THE SHEAR WALL EXCEEDS 700 plf IN SEISMIC DESIGN CATEGORY D, E, OR F.
- MAXIMUM STUD SPACING SHALL BE 24" ON CENTER.
- WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS FOR ITS TYPE IN DOC PS 1 OR PS 2.

## REQUIRED SPECIAL INSPECTIONS AND TEST OF **CONCRETE CONSTRUCTION (TABLE 1705.3 IBC 2021)** CONTINUOUS PERIODIC

INSPECTION I INSPECTION

SPECIAL

ANCHOR BOLTS

CENTERED IN SOLE

PLATE W/ SIMPSON

BPS\_-6 PLATE WASHERS

ANCHOR ROLTS

STAGGERED W/

SIMPSON BPS\_-3

PLATE WASHERS

SHEAR ANCHOR OPTIONS

FOR 2 X 6 WALL

SHEATHED BOTH SIDES

-STD PLATE WASHER

MIN 3 X 3 X 0.229"

PLATE WASHER W/

MAX. 1 3/4" SLOT

		1 11 101 20 11011	11101 20 11011		
1.	INSPECTION OF REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	_	Х	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2.	REINFORCING BAR WELDING:  a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	_	Х	AWS D1.4	
	<ul><li>b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND</li></ul>	-	Х	ACI 318 26.6.4	-
	c. INSPECT ALL OTHER WELDS.	Х	-		
3.	INSPECT ANCHORS CAST IN CONCRETE.	-	Х	ACI 318 17.8.2	-
4.	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. b				
	a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318 17.8.2.4	-
	<ul> <li>MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.α.</li> </ul>	-	Х	ACI 318 17.8.2	
5.	VERIFY USE OF REQUIRED DESIGN MIX.	-	Х	ACI 318 CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
6.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	х	-	ASTM C31 ASTM C172 ACI 318: 26.5, 26.12	-
7.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	-	ACI 318 26.5	1
8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	_	Х	ACI 318 26.5.3-26.5.5	_
9.	INSPECT PRESTRESSED CONCRETE FOR:				
	a. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318 26.10	-
	b. GROUTING OF BONDED PRESTRESSING TENDONS.	Х	-		
10.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	Х	ACI 318 CH. 26.9	-
11.	FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENTS @ JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR NDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTIONS & REINFORCEMENT IN THE FIELD FOR:			ACI 318: 26.13.1.3	
	a. INSTALLATION OF THE EMBEDDED PARTS	X	-		_
	b. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS	х	_	ACI550.5	
	c. COMPLETION OF CONNECTIONS IN THE FIELD	X	_		
12.	INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	-	Х	ACI 318: 26.13.1.3	-
13.	VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONSED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	Х	ACI 318: 26.11.2	-
14.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		Х	ACI 318: 26.11.1.2(b)	<del>-</del>

## NOTES: a. WHERE APPLICABLE, SEE SECTION 1705.13.

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

GENERAL NOTE INTERNATIONAL BUILDING CODE -- 2021 EDITION ALL ASTM'S CALLED OUT ARE TO BE THE LATEST EDITION

## BUILDING RISK CATEGORY II (IBC TABLE 1604.5)

COEFFICIENT OF FRICTION: . . . . 0.35

ANCHOR BOLTS

SIMPSON BPS\_-6

PLATE WASHERS

ANCHOR BOLTS

SIMPSON BPS\_-3

PLATE WASHERS

LOCATED W/

SHEAR ANCHOR OPTIONS

FOR 2 X 6 WALL

SHEATHED ONE SIDE

1. A PLATE WASHER MUST BE A MINIMUM

SHEATHED EDGE OF THE SILL PLATE.

SLOTS ARE PERMITTED IN THE PLATE

WASHER TO ALLOW FOR A TOLERANCE

OF 3" X 3" X 0.229" AND MUST

EXTEND TO WITHIN 1/2" OF THE

IN ANCHOR BOLT PLACEMENT.

2. THE 3" X 3" PLATE WASHER WORKS

WELL W/ A 2 X 4 SILL PLATE BUT

OFFSET TOWARD THE SHEATHED

BOTH SIDES, A STAGGERED BOLT

PATTERN IS REQUIRED.

STANDARD O

WHEN USED W/ A 2 X 6 SILL PLATE,

IT REQUIRES THE ANCHOR BOLT TO BE

EDGE. IF THE WALL IS SHEATHED ON

IBC REFERENCED

LOCATED W/

GRAVITY LOADS:		
SNOW	GROUND SNOW LOAD	Pg = 36 psf
	FLAT ROOF SNOW LOAD	Pf = 25 psf
	SNOW EXPOSURE FACTOR	Ce = 1.0
	SNOW IMPORTANCE FACTOR	Is = 1.0
	THERMAL FACTOR	Ct = 1.0
FLOOR	60 PSF	
DECK	60 PSF	

LATERAL LOADS: WIND . . . . . . . . . . Vult = 110 MPH  $\,$  Vasd = 85 MPH .... EXPOSURE "B" Kzt = 1.00

SEISMIC . . . . . . . . . SITE CLASS "C" SEISMIC DESIGN CATEGORY "D" IMPORTANCE FACTOR Ie = 1.0Ss = 1.271q  $S_1 = 0.439q$ Fv = NULL $F_A = 1.2$ Sps = 1.017g Sp1 = NULL

#### **FOUNDATION** FOUNDATION DESIGN WAS BASED ON THE FOLLOWING ASSUMED ALLOWABLE VALUES:

FOOTING BEARING PRESSURE:.... 1500 PSF ON DENSE NATIVE MATERIAL OR COMPACTED STRUCTURAL FILL (33% INCREASE FOR WIND OR SEISMIC) LATERAL EARTH PRESSURE: . . . . . 35 PCF EQUIVALENT FLUID PRESSURE (ACTIVE) . . . . . 250 PCF EQUIVALENT FLUID PRESSURE (PASSIVE)

R = 6.5 (PLYWOOD SHEARWALLS)

ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 1'-6" BELOW FINISH GRADE. SLABS AND FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR STRUCTURAL FILL COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D-1557. CONTRACTOR SHALL PROVIDE POSITIVE PERMANENT DRAINAGE OF BUILDING PERIMETER.

f'c = 2500 psi FOR FOOTINGS & SLABS ON GRADE (UNINSPECTED - 5 1/2 SACK MIX) WORKING STRESS DESIGN METHOD USED. MIXING AND PLACING OF ALL CONCRETE AND SELECTION OF MATERIALS SHALL BE IN ACCORDANCE WITH THE IBC AND ACI CODE 318. PROPORTIONING OF AGGREGATE TO CEMENT SHALL BE SUCH AS TO PRODUCE A DENSE WORKABLE MIX WITH 5" MAXIMUM SLUMP WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER FOR ADMIXTURES, SEE SPECIFICATIONS. 1/2" CHAMFER ALL EXPOSED EDGES, UNLESS INDICATED OTHERWISE ON ARCHITECTURAL DRAWINGS. WATER CURING SHALL BE USED. AIR ENTRAIN ALL CONCRETE EXPOSED TO WEATHER WITH 3% TO 6% AIR BY VOLUME.

## REINFORCING STEEL

ALL CONCRETE REINFORCING STEEL SHALL BE DEFORMED PER ASTM A615, GRADE 60 (fy=60,000 psi) EXCEPT ALL #4 SLAB DOWELS SHALL BE GRADE 40 (fy=40,000 psi). LAP CONTINUOUS REINFORCING BARS 30 BAR DIAMETERS, 1'-7" MINIMUM UNLESS NOTED OTHERWISE. CORNER BARS (1'-7" BEND) WILL BE PROVIDED FOR ALL HORIZONTAL REINF. DETAIL STEEL IN ACCORDANCE WITH "ACI MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES" WELDED WIRE FABRIC (WWF) TO CONFORM WITH ASTM A185. REINFORCING HOOKS TO COMPLY WITH STANDARD ACI HOOKS.

## UNLESS NOTED OTHERWISE, COVER TO MAIN REINFORCEMENT TO BE:

CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH . . . . . . . 3 INCHES CONCRETE EXPOSED TO EARTH OR WEATHER . . 1 1/2 INCHES (#5 BARS & SMALLER) . . . . 2 INCHES (#6 THRU #18 BARS) CONCRETE NOT EXPOSED TO WEATHER 

## MISCELLANEOUS STEEL PLATES

MISCELLANEOUS STEEL PLATES SHALL CONFORM TO ASTM A36 (fy=36,000 PSI). WELDS NOT SPECIFIED SHALL BE 1/4" CONTINUOUS FILLET MINIMUM. ALL WELDS TO BE BY WABO CERTIFIED WELDERS -- USE FRESH E70 ELECTRODES. MISCELLANEOUS HANGERS TO BE SIMPSON OR I.C.C. APPROVED EQUAL. NAIL ALL HOLES WITH NAILS AS SPECIFIED BY MANUFACTURER UNLESS NOTED OTHERWISE ON DRAWINGS. MACHINE BOLTS TO BE A-307.

..... 1 1/2 INCHES (#14 & #18 BARS)

#### TIMBER H.F.#2 (Fb=1035 psi REP.) (2 X 8 OR LARGER) 4X MEMBERS . . . . . . . . . . D.F.#2 (Fb=1080 psi) (4 X 10 OR LESS) D.F.#2 (Fb=990 psi) (4 X 12 OR LARGER)

6X MEMBERS . . . . . . . . . . . D.F.#1 (Fb=1350 psi)
LUMBER NOT NOTED TO BE . . . . . D.F.#2 BOLTS IN WOOD CONFORM WITH ASTM A307

ALL GRADES SHALL CONFORM TO "WWPA GRADING RULES FOR WESTERN LUMBER -- LATEST EDITION." BOLT HEADS AND NUTS BEARING AGAINST WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS. PLATE WASHERS A MINIMUM OF 3" X 3" X 1/4" SHALL BE USED AT ALL SILL PLATE ANCHOR BOLTS. ALL NEW FRAMING LUMBER SHALL HAVE 19% MAXIMUM MOISTURE CONTENT AT TIME OF INSTALLATION. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. ALL NAILS ARE "COMMON" UNLESS INDICATED OTHERWISE. MINIMUM NAILING PER IBC TABLE 2304.10.1. S4S TYPICAL UNLESS NOTED OTHERWISE. SUBSTITUTION OF OTHERS SPECIES WITHOUT WRITTEN APPROVAL OF THE ENGINEER IS PROHIBITED. MISCELLANEOUS HANGERS TO BE SIMPSON

OR I.C.C. APPROVED EQUAL. ALL CONNECTORS FOR PRESSURE TREATED LUMBER AND ALL NAILS IN EXTERIOR SHEATHING SHALL BE HOT-DIPPED GALVANIZED. NAIL ALL HOLES WITH NAILS AS

SPECIFIED BY MANUFACTURER UNLESS NOTED OTHERWISE ON DRAWINGS.

#### NAILS SHALL BE COMMON, AMERICAN OR CANADIAN MANUFACTURED ONLY WITH MINIMUM DIAMETERS AS FOLLOWS:

NAIL DESIGNATION	MINIMUM NAIL SHANK DIAMETER (IN)	MINIMUM NAIL LENGTH
8d	0.131"ø	2 1/2"
10d	0.148"ø	3"
16d SINKER OR 12d	0.148"ø	3 1/4"
16d	0.162"ø	3 1/2"
20d	0.192"ø	4"

#### SIMPSON STRONG—TIE HARDWARE ALL FRAMING HARDWARE SHALL BE SIMPSON STRONG—TIE OR ENGINEER APPROVED EQUAL. CONTRACTOR SHALL INSTALL ALL FRAMING HARDWARE WITH SIZE, TYPE AND NUMBER OF

## GLU-LAMINATED WOOD MEMBERS

FASTENERS SPECIFIED BY THE MANUFACTURER.

GLU-LAMINATED WOOD BEAMS, DOUGLAS FIR COAST REGION, KILN DRIED, AITC COMBINATION 24F-V4 (DF/DF) (Fb=2400 PSI) FOR SIMPLE SPAN MEMBERS AND COMBINATION 24F-V8 (DF/DF) (Fb=2400 PSI) FOR CANTILEVERED MEMBERS. BOTTOM LAM TO BE FREE OF UNSOUND KNOTS LARGER THAN 1/2" DIAMETER. PROVIDE AITC STAMP ON EACH MEMBER AND PROVIDE AITC CERTIFICATE TO ARCHITECT. MATERIALS MUST BE OBTAINED FROM AN APPROVED FABRICATOR. ALL GLU-LAM BEAMS SHALL FIT SNUG AND TIGHT IN THEIR CONNECTIONS AND DEVELOP FULL BEARING AS INDICATED ON DRAWINGS. ALL BEAMS SHALL BE CAMBERED WITH 2000 FOOT RADIUS UNLESS NOTED OTHERWISE ON DRAWINGS.

#### METAL GUSSET/WOOD TRUSSES

TRUSSES SHALL BE FABRICATED IN ACCORDANCE WITH IBC CHAPTER 2303.4 AND INSPECTED IN ACCORDANCE WITH IBC CHAPTER 1704.2. IN ADDITION, THE MANUFACTURER SHALL MAINTAIN A RECORD BY A SEPARATE IN-HOUSE STAFF WHICH CHECKS AMONG OTHER THINGS, LUMBER GRADES PLATE SIZE, PLATE LOCATION AND FABRICATION QUALITY FOR ALL TRUSSES. RECORDS SHALL BE SUBMITTED TO ARCHITECT UPON REQUEST. CERTIFIED, FULL SCALE LOAD TEST RESULTS RUN ON SIMILAR TRUSSES AND IN ACCORDANCE WITH IBC CHAPTER 1704.2 SHALL BE SUBMITTED TO THE ARCHITECT UPON REQUEST.

PLATE MANUFACTURER MUST BE A MEMBER OF THE TRUSS PLATE INSTITUTE (TPI) AND HAVE A CURRENT ICC REPORT FOR ITS METAL GUSSET PLATES.

ALL LUMBER TO BE KILN DRIED (TO A MAX. OF 19% MC) HEM FIR OR DOUG FIR. TOP CHORDS MUST BE DF. SHOP DRAWINGS TO INCLUDE TRUSS CALCULATIONS, LAYOUT AND PLACEMENT PLANS, INDICATE ALL BRIDGING AND BLOCKING, AND SHOW ALL BEARING CONDITIONS INCLUDING ADDITIONAL BEARING CLIPS TO INSURE ADEQUATE BEARING AREA. SHOP DRAWINGS TO BE PREPARED UNDER THE DIRECT SUPERVISION AND STAMPED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WASHINGTON, AND EMPLOYED BY TRUSS MANUFACTURER. ONE STRUCTURAL ENGINEER MUST STAMP ALL SHEETS INCLUDING ERECTION DRAWINGS AND CALCULATIONS.

#### ROOF & SHEARWALL SHEATHING

ROOF SHEATHING SHALL BE 1/2" (NOMINAL) APA RATED SHEATHING 24/0, EXPOSURE 1, SIZED FOR SPACING. INSTALL PANELS WITH 1/8" SPACING AT END JOINTS AND 1/4" SPACING AT EDGE JOINTS. NAILING SHALL BE 10d (COMMON) AT 6"o.c. AT PANEL EDGES AND 12"o.c. AT INTERMEDIATE SUPPORTS U.N.O. ON PLANS.

SHEARWALL SHEATHING SHALL BE 1/2" (NOMINAL) APA RATED SHEATHING WALL-16, EXPOSURE 1, SIZED FOR SPACING. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER. BLOCK ALL PANEL EDGES AND NAIL PER SHEARWALL SCHEDULE ON THIS SHEET.

#### SHOP DRAWINGS

SUBMIT THREE SETS OF SHOP DRAWINGS TO THE ENGINEER AND ONE SET TO THE BUILDING DEPARTMENT FOR APPROVAL PRIOR TO FABRICATION FOR:

REINFORCING STEEL, MISC. STEEL, METAL GUSSET WOOD TRUSSES & GLULAMINATED WOOD MEMBERS.

## SPECIAL INSPECTIONS

INSPECTIONS ARE TO BE PER IBC CHAPTER 17. SECTIONS 1704 AND 1705 AND ARE TO BE BY AN INDEPENDENT TESTING LAB AND APPROVED BY THE OWNER AND BUILDING DEPARTMENT AND ENGAGED BY AND PAID FOR BY THE OWNER PRIOR TO STARTING CONSTRUCTION.

NOTIFY BUILDING DEPARTMENT AND ENGINEER OF RECORD FOR INSPECTION DIAPHRAGM: 48 HOURS PRIOR TO COVERING.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS DURING CONSTRUCTION. CONTRACTOR SHALL NUTLEY ENGINEER OF ALL FIELD CHANGES PRIOR TO INSTALLATION.

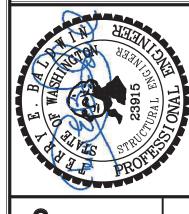
> City of Puyallup opment & Permitting Services ISSUED PERMIT Building Planning Engineering Public Works Fire Traffic

## GENERAL NOTES

REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS (TABLE 1705.6 IBC 2021)						
TYPE		CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION			
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	Х			
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	Х			
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	Х			
4.	DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS & PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	_			
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	Х			

 $\overline{\phantom{a}}$ 0 PR

DESIGN &



# ОШ $\forall \vdash >$ $\mathbf{\alpha}$ 0 0 X 0 D

O m d O W

| ANDA| | HEDUL Ø 0

10/17/24 DRAWN CHKD. SHEET

INSPECTION TABLES

© 2024 B&T DESIGN & ENGINEERING, INC