ONCRETE NOTES:

- 1. CONCRETE MIX, MINIMUM COMPRESSIVE STRENGTH 3000 PSI.
 2. REINFORCING STREIL (REBAR) ASTM A-615 GRADE 60.
 3. ALL WOOD/LIMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED OR REDWOOD.
 4. EXTEND ALL FOOTINGS DOWN TO UNDISTURBED SOIL OF THE SPECIFIED STRENGTH WITH A MIN. DEPTH OF 12" BELOW GRADE OR AS REQUIRED BY LOCAL BUILDING CODE, BASED ON LOCAL FROST LINE DEPTH.
 5. CONCRETE FOOTINGS SHALL BE CENTERED BELOW THE WALL ABOVE WITH MIX LESS ONTED OTHERWISE.
 6. CONCRETE FOOTINGS SHALL BE MINIMUM 16" X 8" X CONT. WITH (2) #4 BARS HORIZONTAL CONT. AND #4 BARS YERTICAL (30 DEG. HOOK) 40 24" O/C NITO STEMWALL ABOVE WITH MIX 16" LENGTH DEVELOPED INTO STEM WALL STEMWALL SHALL BE MINIMUM 16" X 8" X CONT. WITH (1) #4 BARS HORIZONTAL CONT. AS 3"-6" FROM TOP OF STEMWALL UNLESS NOTED OTHERWISE.
 7. SOTED OTHERWISE.
 8. ANCHOR BOLTS SHALL BE MIX (2) PER SILL PLATE SEGMENT AND WITHIN 4"-12" OF WALL CORNERS AND SILL PLATE ENDS.
 9. CONCRETE SLAB OF GARAGET ELOOR SHALL BE MIX 4" THICK WITH MIX 3000 PSI STRENGTH W/ 6X6-W2,3XWZ.3 WWM REINF OR SLADS SLADS SLADS SLADS SHALL BE MIX 4" THICK WITH MIX 3000 PSI STRENGTH W/ 6X6-W2,3XWZ.3 WWM REINF OR HEER REINF.
 1. EXT. CONCRETE SLABS SHALL BE MIXED BROWNESS ETC...) SHALL BE MIX 4" THICK WITH MIX 3000 PSI STRENGTH W/ 6X6-W2,3XWZ.3 WWM REINF OR HEER REINF.
 1. ALL CONCRETE SLADS SHALL BE MIDERILAN BY 4 IN OF COMPACTED, FREE DRAINING GRANULAR MATERIAL SUCH AS 3/4-1 IN MIXUS CLEAN GRAVEL.
 1. A 6 MIL POLYETHYLENE VAPOR BARRIER SHALL BE PROVIDED BENEATH THE CONCRETE SLADS AT THE REQUEST OF OWNER OR NI LOCATIONS WITH POOR DRAINLAGE OR HIGH WATER TABLES.
 1. ALL CONCRETE SLADS SHALL BE PROPERED SHALL BE PROVIDED DENEATH THE CONCRETE SLADS AT THE REQUEST OF OWNER OR NI LOCATIONS WITH POOR DRAINLAGE OR HIGH WATER TABLES.
 1. AND MILL SLADS SHALL BE PROPERED SHALL BE PROVIDED DENEATH THE CONCRETE SLAD AT THE REQUEST OF OWNER OR NI LOCATIONS WITH POOR DRAINLAGE OR HIGH WATER TABLES.

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TRUCTURAL NOTES:

STRUCTURAL LOOKOUTS SHALL BE SPACED NO MORE THAN 24" O/C AT GABLE ENDS. LOOKOUTS CA BE VERTICALLY OR HORIZONTALLY ORIENTED.
GABLE TRUSS AND GABLE END WALL BRACING PER DETAIL (3). ADDITIONAL PERMANENT BRACING SHALL BE INSTALLED PER TRUSS MANUFACTURER AND BCSI-B3 SUMMARY SHEET.
ANCHOR BOLTS FOR HOLDOWNS SHALL BE NO LESS THAN 1-3/4" FROM CORNERS OR EDGES. LOOKOUTS CAN

HD7	HD6	HD5	HD4	HD3	HD2	HD1	Header#	
	_	_	_	_	_	_	Ply	
3	4	6	8	12	8	18	Span (ft)	
685	524	685	108	685	620	126	Load (plf)	
6 x 6	6 x 8	6 x 10	6 x 8	5-1/2 x 12	5-1/2 x 9	5-1/2 x 16-1/2	Size	HEADERS
Timber	Timber	Timber	Timber	Glulam	Glulam	Glulam	Туре	RS
DF	DF	DF	DF	DF/DF	DF/DF	DF/DF	Species	
No. 2	No. 2	No. 2	No. 2	24F-V4 1.8E	24F-V4 1.8E	24F-V4 1.8E	Grade	
(1) 2x6	(1) 2x6	(2) 2x6	(1) 4x6	(2) 2x6	(1) 4x6	(2) 2x6	Trimmers	

	_
*Multi-span hea	
neaders	
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-	,	>)	>	1	;	5	(4) 000	
/UH		C	685	o ×	IImber	두	No. Z	(1) 2x6	
*Multi-span headers	ders								
					SHEATHING	G			
Location		Unit Shear (plf)			Specific	Specifications and Nailing	ling Requirements	ents	
WALL SHEATHING	HING	N/A	Building fully shea all sheathing withi	thed 7/16 OSB/PL n 4 feet of wall con	Building fully sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6" call sheathing within 4 feet of wall corners w/ 8d nails @ 6" o/c edges, 6" o/c field) with 8d nails @ " o/c edges, 6" o/	6" o/c edge, 12' c field.	o/c field, streng	Building fully sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6" o/c edge, 12" o/c field, strength axis perpendicular to studs. Nail all sheathing within 4 feet of wall corners w/ 8d nails @ 6" o/c edges, 6" o/c field.
ROOF SHEATHING	HING	150/194	Roof fully sheathe overhangs and 4"	d 15/32 PLY (APA o/c edge, 4" o/c fie	Grade 32/16) with 8 Id at perimeter and	id nails @ 6" o/c peak zones (4 ft.)	edge, 6" o/c field). Use "h" clips at	. Use 8d nails @ tall unsupported	Roof fully sheathed 15/32 PLY (APA Grade 32/16) with 8d nails @ 6" o/c edge, 6" o/c field. Use 8d nails @ 4" o/c edge, 4" o/c field at overhangs and 4" o/c edge, 4" o/c field at perimeter and peak zones (4 ft.). Use "h" clips at all unsupported panel edges @ 24" o/c spacing.
SWL A SHEATHING	HING	301	Shearwall sheathe	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6"o/c	vith 8d nails @ 6'	o/c edge, 12" o/d	: field. Blocking r	edge, 12" o/c field. Blocking required at panel edges.
SWL B SHEATHING	HING	516	Shearwall sheathe adjoining panel ec	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) w/ 8d nails @ 3" o/c edge, 12" o/c field, blocking requadjoining panel edges shall be min. 3" nominal or double 2" nominal with staggered nailing at all panel edges.	// 8d nails @ 3" c 2" nominal with	/c edge, 12" o/c staggered nailing	field, blocking reat all panel edge	Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) w/ 8d nails @ 3" o/c edge, 12" o/c field, blocking required. Members and blocking at adjoining panel edges shall be min. 3" nominal or double 2" nominal with staggered nailing at all panel edges.
SWL C SHEATHING	HING	446	Shearwall sheathe adjoining panel ec	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) w/ 8d nails @ 4" o/c edge, 12" o/c field, blocking requadjoining panel edges shall be min. 3" nominal or double 2" nominal with staggered nailing at all panel edges	// 8d nails @ 4" c 2" nominal with	/c edge, 12" o/c staggered nailing	field, blocking reat all panel edge	dge, 12" o/c field, blocking required. Members and blocking at greed nailing at all panel edges.
SWL D SHEATHING	HING	215	Shearwall sheathe	ed 7/16 OSB/PLY (APA Grade 24/16) v	vith 8d nails @ 6'	o/c edge, 12" o/c	field. Blocking r	Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6"o/c edge, 12" o/c field. Blocking required at panel edges.
SWL 1 SHEATHING	HING	205	Shearwall sheathe	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6"o/c	vith 8d nails @ 6'	o/c edge, 12" o/c	field. Blocking r	edge, 12" o/c field. Blocking required at panel edges.
SWL 2 SHEATHING	HING	307	Shearwall sheathe	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) with 8d nails @ 6"o/c	vith 8d nails @ 6'	o/c edge, 12" o/o	: field. Blocking r	edge, 12" o/c field. Blocking required at panel edges.
SWL 3 SHEATHING	HING	420	Shearwall sheathe adjoining panel ec	ed 7/16 OSB/PLY (Shearwall sheathed 7/16 OSB/PLY (APA Grade 24/16) w/ 8d nails @ 4" o/c edge, 12" o/c field, blocking requadjoining panel edges shall be min. 3" nominal or double 2" nominal with staggered nailing at all panel edges.	// 8d nails @ 4" c 2" nominal with	/c edge, 12" o/c staggered nailing	field, blocking re at all panel edge	ired. Members a
				V 7/16 OSB/DI V /	boothou 7/16 OSD/DIV /ADA OZIGO 2/1/6) ::// 94 spille @ 0" o	/ od selle @ o" e	0000	40" o/o fiold blooking to	animal Mambana and blooking of

				SHEA	SHEAR WALL LINES SHOWN IN RED	NI NWOHS	RED			
SWL#	Shear (lbs)	Wall Length (ft)	Shear Length (ft)	Unit Shear (plf)	Wall Hgt. (ft)	Uplift (lbs)	Anchor	Chords	Top Plt. Clips	Bottom Plt.
SWL A	4897	53	16.3	301	10	3014	HDU4 & SB5/8X24	(2) 2X6 DF No. 2	A35 @ 24" o/c	16d @ 4" o/c
SWL B	7139	21.5	13.8	516	10	5161	HDU5 & SB5/8X24	(2) 2X6 DF No. 2	A35 @ 18" o/c	16d @ 4" o/c
SWL C	4681	10.5	10.5	446	9	4012	HDU4 & SB5/8X24	(2) 2X6 DF No. 2	A35 @ 16" o/c	16d @ 4" o/c
SWL D	3657	42	17	215	9	1936	HDU2 & SSTB16	(2) 2X6 DF No. 2	A35 @ 32" o/c	16d @ 4" o/c
SWL 1	5769	56	28.2	205	9	1843	HDU2 & SSTB16	(2) 2X6 DF No. 2	A35 @ 32" o/c	16d @ 4" o/c
SWL 2	8550	41.5	27.8	307	9	2765	HDU2 & SSTB20	(2) 2X6 DF No. 2	A35 @ 24" o/c	16d @ 4" o/c
SWL 3	2517	14	6	420	9	3776	HDU4 & SB5/8X24	(2) 2X6 DF No. 2	A35 @ 16" o/c	16d @ 4" o/c
SWL 4	3454	26	8	432	10	4318	HDU5 & SB5/8X24	(2) 2X6 DF No. 2	A35 @ 16" o/c	16d @ 4" o/c

MB1	Beam #			SWL 4	SWL 3	SWL 2	SWL 1	SWLD	SWL C	SWL B	SWL A	SWL#
1	Ply			3454	2517	8550	5769	3657	4681	7139	4897	Shear (lbs)
16	Span (ft)			26	14	41.5	56	42	10.5	21.5	53	Wall Length (ft)
361	Load (plf)			00	6	27.8	28.2	17	10.5	13.8	16.3	Shear Length (ft)
5-1/2" x 12"	Size	BEAMS		432	420	307	205	215	446	516	301	Unit Shear (plf)
Glulam	Туре			10	9	9	9	9	9	10	10	Wall Hgt. (ft)
ו				4318	3776	2765	1843	1936	4012	5161	3014	Uplift (lbs)
DF/DF	Species			HDU5 & SB5/	HDU4 & SB5/	HDU2 & SSTB20	HDU2 & SSTB16	HDU2 & SSTB16	HDU4 & SB5/	HDU5 & SB5/8X24	HDU4 & SB5/	Anchor
24F-V4 1.8E	Grade			SB5/8X24	SB5/8X24	B20	ТВ16	ТВ16	SB5/8X24	8X24	SB5/8X24	
1.8E	ē			(2) 2X6 DF No. 2	Chords							
				A35 @ 16" o/c	A35 @ 16" o/c	A35 @ 24" o/c	A35 @ 32" o/c	A35 @ 32" o/c	A35 @ 16" o/c	A35 @ 18" o/c	A35 @ 24" o/c	Top Plt. Clips
				16d @ 4" o/	Bottom Plt							

MB2	MB1	Beam#
1	1	Ply
6	16	Span (ft)
298	361	Ply Span (ft) Load (plf)
6 x 10	5-1/2" x 12"	Size
Timber	Glulam	Туре
DF	DF/DF	Species
No. 2	24F-V4 1.8E	Grade

				FLOOR BEAMS	3		
Beam#	Ply	Ply Span (ft)	Load (plf)	Size	Туре	Species	Grade
FB1	1	55.0*	700	4 x 8	Sawn Lumber	DF	No. 2
FB2	1	55.0*	607	4 x 8	Sawn Lumber	DF	No. 2
FB3	1	13.0*	704	4 x 8	Sawn Lumber	DF	No. 2
*Multi-span beams	eams						

FLOOR BEAM / FLOOR BEAM

ST22

Use horizontal strap at beam-to-beam splice

EUILDING DATA

LENGTH: 56'-0"

WIDTH: 55'-0"

STUD WALL HEIGHT: 9'-10'

GRADE TO RIDGE HEIGHT: 19'-6"

EAVE HEIGHT: 11'-0"

FLOOR DEAD LOAD: 10 PSF
FLOOR LIVE LOAD: 40 PSF
ROOF TO DEAD LOAD: 1 PSF
ROOF BC DEAD LOAD: 5 PSF
CEILING DEAD LOAD: 5 PSF
ROOF LIVE LOAD: 20 PSF
ROOF SNOW LOAD: 40 PSF
STAIR LIVE LOAD: 40 PSF
DECK LIVE LOAD: 50 PSF

GARAGE: 559 SQFT STORAGE: N/A

TOTAL LIVING AREA: 1,950 SQFT USABLE LIVING AREA: 1,811 SQFT

DESIGN LOADS

MAIN FLOOR: 1,950 SQFT UPPER FLOOR: N/A BASEMENT: N/A

BUILDING AREA

DESIGN

CRITERIA

RDER TRUSS/TOP PLATE
LOOKOUT/TRUSS
WALL TOP PLATE

LGT2 or LGT3
H4
MSTC40

Tie ends of rafters and trusses to ext. wall top plate for all truss bearing points with uplift greater than 600 lbs. See truss shop drawings.

Tie ends of girder trusses to ext. wall top plate.

Tie all lookouts to top chord of gable end trusses or rafters.

Tie top plate to beam where top plate is not continuous over beam.

TRUSS/TOP PLATE

H8 or H10A

1/2" DIA X 10" ANCHOR BOLTS W/ 3"X3"X1/4" WASHERS MIN. 1" EMBEDMENT @ 48' O/C MAX. SEE ANCHOR BOLT SCHEDULE A" CONCRETE SLAB REINF. W/ 6X6-W2.9XW2.9 WWM 16" X 8" CONC. FTG (2) #4 CONT. HORIZ BOTTOM 3" CLR. MIN. TYP COMPACTED MIL POLYETHYLENE VAPOR BARRIER 4" GRAVEL BASE AS REQUIRED 2X6 PT SILL PLT. W/ FOAM GASKET $\underline{\varrho}^{\tilde{i}}$ #4 VERT. BARS W/ 90 DEG HOOK @ 24" O/C 6"X24" CONC. STEMWALL FND. (1) #4 CONT. HORIZ TOP UNDISTURBED NATIVE SOIL LAP SIDING 6 12" COMPLY WITH LOCAL REQ. FOR FROSTLINE DEPTH

PEN PLAN

- 2X4 DF NO. 2 VERT. OUTLOOKER © 24" O/C

L-REINF. ON GABLE TRUSS YERTS AS SPECIFIED BY TRUSS MANUF.

ROOF SHEATHING \$ NAILING

- 2X BLOCKING W/ (5) 8D NAIL

OCK BTW. OUT

END NAIL

H4 CLIP

(2) I6D NAILS ATTACH TO VERT. GABLE TRUSS STUDS -

(4) 100 NAILS INTO VERT.

- 2X4 DF NO. 2 DRZ. BRACE)

2X6 D# NO. 2

(2) 10D NAILS INTO 2X6

GABLE TRUSS SHEATHING PER FRAMING NOTES -SHT. 3

2X6 DBL

10P PL1.

2X6 EXT. 9 SHEAR

(w)

GABLE

END

MALL

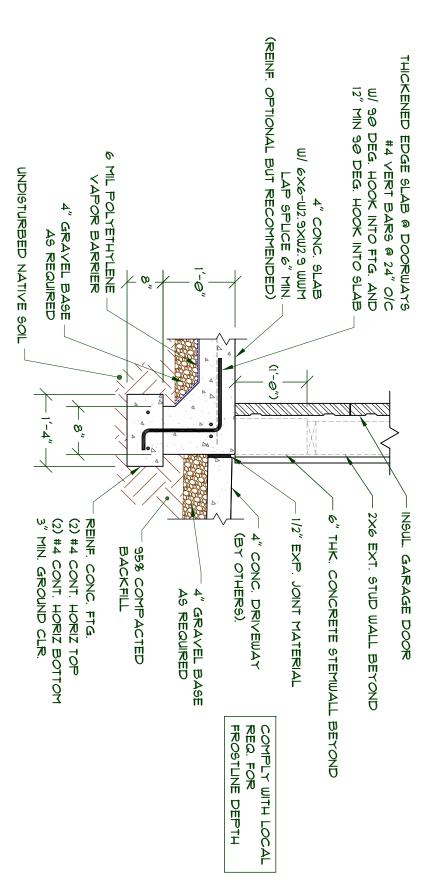
BRACE

A35 CLIPS
BTW. TOP PLT. \$
GABLE TRUSS
PER SCHEDULE -

- (2) 16D NAILS ATTACH TO CLR

- 2X6 DF NO. 2
DIAGONAL BRACE @ 48"
O/C, USE DBL 2X6 BRACE
NAILED TOGETHER @ 12" O/C
WHERE UNBRACED
LENGTH > 6'-0"





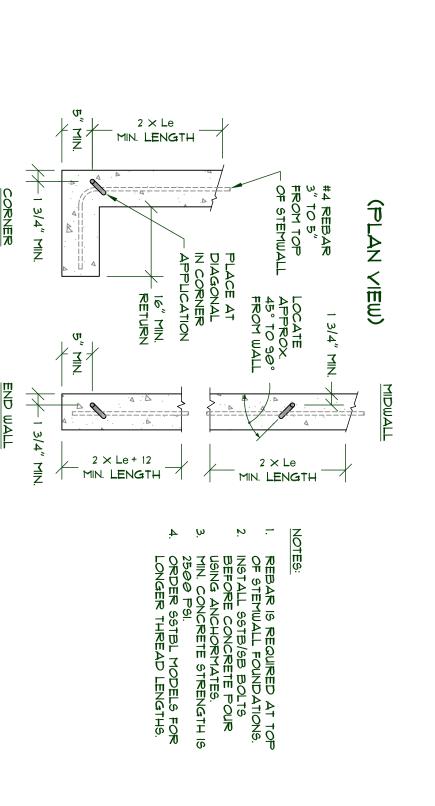
2 GARAGE DOOR FOOTING DETAIL

SCALE: 3/4"=1'-0"

FP1	P9	P8	P7	P6	P5	P4	P3	P2	P1	Column #	
3174	1468	975	508	4795	3615	3102	4381	2713	1388	Load (lbs)	
1	1	1	1	3	1	1	2	1	2	Ply	
4	10	10	8	9	11	9	8	8	7	Height (ft)	POST
4 x 4	6 x 6	4 x 6	4 x 6	2 x 6	6 x 6	6 x 6	2 x 6	4 x 6	2 x 6	Size	POST AND COLUMNS
Sawn Lumber	Timber	Sawn Lumber	Sawn Lumber	Sawn Lumber	Timber	Timber	Sawn Lumber	Sawn Lumber	Sawn Lumber	Туре	S
HF	HF	DF	DF	DF	HF	DF	DF	DF	DF	Species	
No. 2 / PT	No. 2 / PT	No. 2	No. 2	No. 2	No. 2 / PT	No. 2	No. 2	No. 2	No. 2	Grade	

			POST	POST AND COLUMNS			
olumn#	Load (lbs)	Ply	Height (ft)	Size	Туре	Species	Grade
Р1	1388	2	7	2 x 6	Sawn Lumber	DF	No. 2
P2	2713	1	8	4 x 6	Sawn Lumber	DF	No. 2
P3	4381	2	8	2 x 6	Sawn Lumber	DF	No. 2
P4	3102	1	9	6 x 6	Timber	DF	No. 2
P5	3615	1	11	6 x 6	Timber	HF	No. 2 / PT
P6	4795	3	9	2 x 6	Sawn Lumber	DF	No. 2
P7	508	1	8	4 x 6	Sawn Lumber	DF	No. 2
P8	975	1	10	4 x 6	Sawn Lumber	DF	No. 2
P9	1468	1	10	6 x 6	Timber	HF	No. 2 / PT
FP1	3174	1	4	4 x 4	Sawn Lumber	HF	No. 2 / PT
FP2	3579	1	4	4 x 6	Sawn Lumber	픆	No. 2 / PT

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PF
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DF
DF
DF
DF
Species



4 55TB/5B ANCHOR 100 100 INSTALL DETAILS

THERE IS NO GUARANTEE THAN	SEISMIC IMPORTANCE FACTOR: 1.0 FP CONSTRUCTION TYPE: V-B
VIOLATE ANY CODE OR CITY O	SEISMIC DESIGN CATEGORY: D
WITH ALL MINIMUM STANDARDS	SITE CLASS: D (STIFF SOIL)
AND FOCAL CODES AND OND	WIND IMPORTANCE FACTOR: 1.0
RESPONSIBILITY FOR SURE 1	TERRAN EXPOSURE: C
	BIND SPEED: 155 MPH (111.1)
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	OCCUPANCY CLASSIFICATION: R
	FROST LINE DEPTH: 12"

FLOOR PLANS DIMENSIONS ARE TO FACE OF FRAMING OR CENTERLINE OF OPENINGS TYP. SHOWN.

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CUSTOMER: REVISION HISTORY: SHEET CONTENTS: LOCATION:

STRUCTURAL DETAILS 2

DESIGNED BY: NPW DATE: 10/31/2015

PLAN NO. HOUSE5655 SCALE 1:48 REVISION: A.1

MEDEEK ENGINEERING 3050 SR 109 COPALIS BEACH, WA 98535 ph (425) 420-5715 DESIGN.MEDEEK.COM

(2) 10D TYP