

POST/FOOTING SCHEDULE 12' - 24' SPANS, 50 PSF LIVE LOAD, GLUE LAMINATED TIMBER TECH SYP #1 TREATED POSTS										
POST SPACING	COLUMN		FOOTING		CONCRETE	CORNER COLUMN		FOOTING		CONCRETE
	"H"	W X D	"B" DIA.	"T"	VOLUME, YD3	W X D	"B" DIA.	"T"	VOLUME, YD3	
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	16'-0"	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	26"	3'-0"	0.41	THREE PLY 4 1/2" X 5 3/8"	20"	3'-0"	0.25	
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	28"	3'-0"	0.48	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	28"	3'-0"	0.48	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	28"	3'-0"	0.48	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	28"	3'-0"	0.48	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	16'-0"	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	30"	3'-0"	0.55	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	30"	3'-0"	0.55	THREE PLY 4 1/2" X 5 3/8"	21"	3'-0"	0.27	

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC. WILL REQUIRE ACTION BY THE ENGINEER.

WAMBEKE ENGINEERING			
Daniel Wambeke, P. E.		2913 East 61st Court Spokane, WA 99223	
Tel: 509-443-6186 Fax: 509-448-6382 e-mail: dwwambeke@msn.com			
POST & FOOTING SIZES 12' TO 24' SPANS - 50 PSF LIVE LOAD STANDARD POST FRAME BUILDING PLANS			
DRAWN BY WAMBEKE		DATE 12-26-18	IBC05.50
APPROVED		SCALE NTS	
			REV.

POST/FOOTING SCHEDULE 30' SPANS, 50 PSF LIVE LOAD, GLUE LAMINATED TIMBER TECH SYP #1 TREATED POSTS										
POST	COLUMN		FOOTING		CONCRETE	CORNER COLUMN		FOOTING		CONCRETE
SPACING	"H"	W X D	"B" DIA.	"T"	VOLUME, YD3	W X D	"B" DIA.	"T"	VOLUME, YD3	
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	21"	3'-0"	0.27	
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	21"	3'-0"	0.27	
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	21"	3'-0"	0.27	
10'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	21"	3'-0"	0.27	
10'-0"	16'-0"	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	FOUR PLY 5 1/2" X 5 3/8"	21"	3'-0"	0.27	
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	30"	3'-0"	0.55	FOUR PLY 5 1/2" X 5 3/8"	22"	3'-0"	0.30	
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	30"	3'-0"	0.62	FOUR PLY 5 1/2" X 5 3/8"	22"	3'-0"	0.30	
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.62	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.62	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.62	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.00	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	16'-0"	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.62	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	32"	3'-0"	0.62	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35	
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	32"	3'-0"	0.62	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35	

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC.) WILL REQUIRE ACTION BY THE ENGINEER.

WAMBEKE ENGINEERING			
Daniel Wambeke, P. E.		2913 East 61st Court Spokane, WA 99223	
Tel: 509-443-6186 Fax: 509-448-6582 e-mail: d.wambeke@msn.com			
POST & FOOTING SIZES 26' TO 32' SPANS - 50 PSF LIVE LOAD STANDARD POST FRAME BUILDING PLANS			
DRAWN BY WAMBEKE	DATE 12-26-18	IBC05.50	REV.
APPROVED	SCALE NTS		

POST/FOOTING SCHEDULE 36' SPANS, 50 PSF LIVE LOAD, GLUE LAMINATED TIMBER TECH SYP #1 TREATED POSTS									
POST	COLUMN		FOOTING		CONCRETE	CORNER COLUMN	FOOTING		CONCRETE
SPACING	"H"	W X D	"B" DIA.	"T"	VOLUME, YD ³	W X D	"B" DIA.	"T"	VOLUME, YD ³
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	32"	3'-0"	0.63	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	32"	3'-0"	0.63	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	32"	3'-0"	0.63	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	34"	3'-0"	0.70	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	34"	3'-0"	0.70	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	34"	3'-0"	0.70	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	14'-0"	THREE PLY 4 1/8" X 5 3/8"	34"	3'-0"	0.70	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	34"	3'-0"	0.70	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	36"	3'-0"	0.79	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	36"	3'-0"	0.79	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC. WILL REQUIRE ACTION BY THE ENGINEER.

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POST & FOOTING SIZES
 34' TO 38' SPANS - 50 PSF LIVE LOAD
 STANDARD POST FRAME BUILDING PLANS

DRAWN BY WAMBEKE	DATE 12-26-18	IBC05.50	REV.
APPROVED	SCALE NTS		

POST/FOOTING SCHEDULE 40' SPANS, 50 PSF LIVE LOAD, GLUE LAMINATED TIMBER TECH SYP #1 TREATED POSTS									
POST	COLUMN		FOOTING		CONCRETE	CORNER COLUMN	FOOTING		CONCRETE
SPACING	"H"	W X D	"B" DIA.	"T"	VOLUME, YD3	W X D	"B" DIA.	"T"	VOLUME, YD3
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	33"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	33"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	33"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	14'-0"	FOUR PLY 5 1/2" X 5 3/8"	33"	3'-0"	0.55	THREE PLY 4 1/8" X 5 3/8"	24"	3'-0"	0.35
10'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	33"	3'-0"	0.55	FOUR PLY 5 1/2" X 5 3/8"	24"	3'-0"	0.35
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	34"	3'-0"	0.63	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	34"	3'-0"	0.63	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	36"	3'-0"	0.79	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	36"	3'-0"	0.79	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	36"	3'-0"	0.79	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	14'-0"	FOUR PLY 5 1/2" X 5 3/8"	36"	3'-0"	0.79	THREE PLY 4 1/8" X 5 3/8"	26"	3'-0"	0.41
12'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	36"	3'-0"	0.79	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	38"	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	38"	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	26"	3'-0"	0.41

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC. WILL REQUIRE ACTION BY THE ENGINEER.

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POST & FOOTING SIZES
 38' TO 42' SPANS - 50 PSF LIVE LOAD
 STANDARD POST FRAME BUILDING PLANS

DRAWN BY WAMBEKE	DATE 12-26-18	IBC05.50	REV.
APPROVED	SCALE NTS		

POST SPACING	COLUMN		FOOTING		CONCRETE VOLUME, YD3	CORNER COLUMN W X D	FOOTING		CONCRETE VOLUME, YD3
	"H"	W X D	"B" DIA.	"T"			"B" DIA.	"T"	
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	38"	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	27"	3'-0"	0.45
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	38*	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	27"	3'-0"	0.45
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	38*	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	27"	3'-0"	0.45
10'-0"	14'-0"	FOUR PLY 5 1/2" X 7 1/8"	38*	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	27"	3'-0"	0.45
10'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	38*	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	27"	3'-0"	0.45
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	38*	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	27"	3'-0"	0.45
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	38*	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	27"	3'-0"	0.45
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.97	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.97	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.97	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55
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12'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	40"	3'-0"	0.97	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	42"	3'-0"	1.07	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	42"	3'-0"	1.07	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC. WILL REQUIRE ACTION BY THE ENGINEER.

WAMBEKE ENGINEERING		
Daniel Wambeke, P. E.		2913 East 61st Court Spokane, WA 99223
Tel: 509-443-6186 Fax: 509-448-6582 e-mail: d.wambeke@msn.com		
POST & FOOTING SIZES 48' TO 52' SPANS - 50 PSF LIVE LOAD STANDARD POST FRAME BUILDING PLANS		
DRAWN BY WAMBEKE	DATE 12-26-18	IBC05.50
APPROVED	SCALE NTS	
		REV.

POST/FOOTING SCHEDULE 60' SPANS, 50 PSF LIVE LOAD, GLUE LAMINATED TIMBER TECH SYP #1 TREATED POSTS										
POST	COLUMN		FOOTING		CONCRETE	CORNER COLUMN		FOOTING		CONCRETE
SPACING	"H"	W X D	"B" DIA.	"T"	VOLUME, YD3	W X D		"B" DIA.	"T"	VOLUME, YD3
10'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	40"	3'-0"	0.88	THREE PLY 4 1/8" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	14'-0"	FOUR PLY 5 1/2" X 5 3/8"	40"	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	40"	3'-0"	0.88	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	42"	3'-0"	1.07	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	
10'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	42"	3'-0"	1.07	FOUR PLY 5 1/2" X 5 3/8"	30"	3'-0"	0.55	
12'-0"	8'-0"	THREE PLY 4 1/8" X 5 3/8"	44"	3'-0"	1.18	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	10'-0"	THREE PLY 4 1/8" X 5 3/8"	44"	3'-0"	1.18	THREE PLY 4 1/8" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	12'-0"	THREE PLY 4 1/8" X 5 3/8"	44"	3'-0"	1.18	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	14'-0"	FOUR PLY 5 1/2" X 5 3/8"	44"	3'-0"	1.18	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	16'-0"	FOUR PLY 5 1/2" X 7 1/8"	44"	3'-0"	1.18	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	18'-0"	FOUR PLY 5 1/2" X 7 1/8"	45"	3'-0"	1.23	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.63	
12'-0"	20'-0"	FOUR PLY 5 1/2" X 7 1/8"	45"	3'-0"	1.23	FOUR PLY 5 1/2" X 5 3/8"	32"	3'-0"	0.63	

NOTES FOR ENDWALL POSTS:

1. ENDWALL POSTS SHALL BE 4 1/8" X 5 3/8" THREE PLY GLUE LAM SYP #1 TREATED POSTS FOR BUILDINGS UP TO 16'-0" WALL HEIGHT. ABOVE 16'-0" WALL HEIGHT, POSTS SHALL BE 5 1/2" X 5 3/8" FOUR PLY GLUE LAM SYP #1 TREATED POSTS.
2. FOOTINGS FOR ENDWALL POSTS SHALL BE A MINIMUM OF 20"Ø X 3'-0" DEEP FOR WALL HEIGHTS TO 16'-0". ABOVE 16'-0" WALL HEIGHTS, POST FOOTINGS SHALL BE 24"Ø X 3'-4" DEEP.
3. THE ABOVE FOOTING DESIGNS ARE FOR POST FRAME BUILDINGS WITH CONSTRAINED POSTS (CONCRETE OR ASPHALT FLOORS). IF THE BUILDING WILL NOT HAVE CONSTRAINED POSTS, INCREASE THE POST DEPTH 8".



NOTE: THESE PLANS DO NOT ADDRESS OPEN (CANOPY) BUILDINGS. OTHER VARIATIONS FROM THE PLANS (ROOF PITCH, LARGER OPENINGS, MULTIPLE BUILDINGS, ETC.) WILL REQUIRE ACTION BY THE ENGINEER.

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POST & FOOTING SIZES 54' TO 60' SPANS - 50 PSF LIVE LOAD STANDARD POST FRAME BUILDING PLANS			
DRAWN BY WAMBEKE	DATE 12-26-18	IBC05.50	REV.
APPROVED	SCALE NTS		