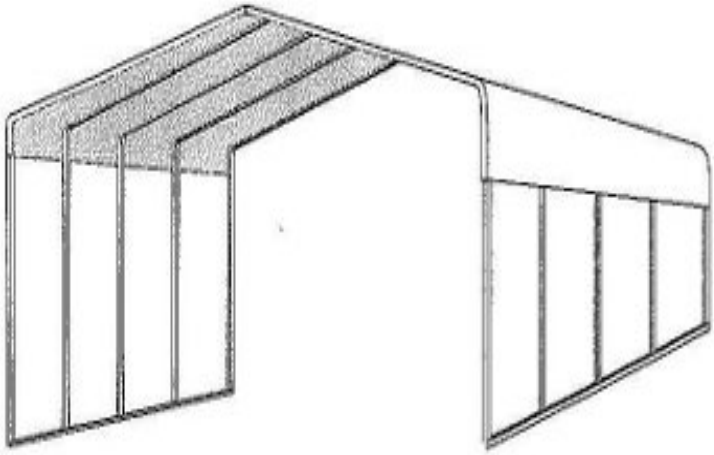
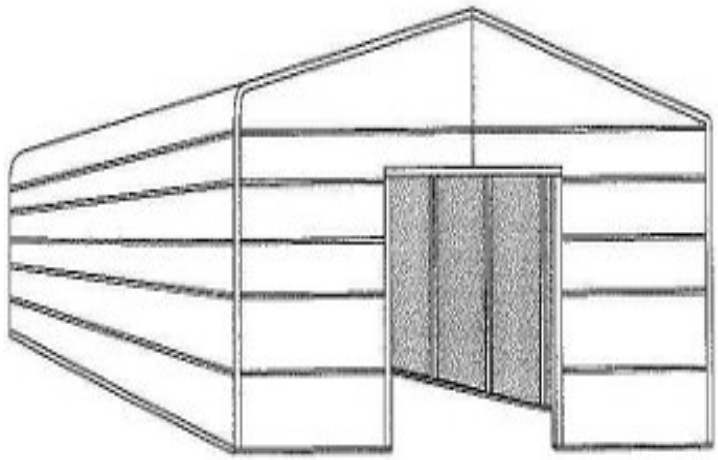




REGULAR / A-FRAME - VERTICAL / HORIZ.
12' THRU 40' CARPORTS
(STATE OF GEORGIA)
AS PER DESIGN CRITERIA

DESIGN NOTES

1. ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH IBC 2009, OSHA, AISC, ASCE7-05, AWSD 1.1 CODES AND ALL APPLICABLE LOCAL REQUIREMENTS.
2. SHELTER BASE CONNECTIONS SHALL BE PROVIDED AS SHOWN ON SHEET 9
3. ALL MATERIALS IDENTIFIED BY MANUFACTURER NAME MAY BE SUBSTITUTED WITH MATERIAL EQUAL OR EXCEEDING ORIGINAL.
4. ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTIONS.
5. ALL FIELD CONNECTIONS SHALL BE TEKS #12 (1/4"X1").
6. STEEL SHEATHING SHALL BE 29GA. CORRUGATED GALV. OR PAINTED STEEL - MAIN RIB HT. 3/4" (FY=80KSI) OR EQ.
7. ALL STRUCTURAL LIGHT GAUGE TUBING AND CHANNELS SHALL BE GRADE 50 STEEL.
8. STUCTURAL TUBE TS2 1/2"X2 1/2" - 14GA. IS EQUIVALANT TO TS2 1/4"X2 1/4" - 12GA.
9. STRUCTURAL TUBE TS2 1/4"X2 1/4" - 12GA. SHOULD BE ACCEPTED IN LIEU OF TS2 1/4"X2 1/4" - 14GA. FOR IT IS A BETTER STRUCTURAL TUBING.

DESIGN CRITERIA

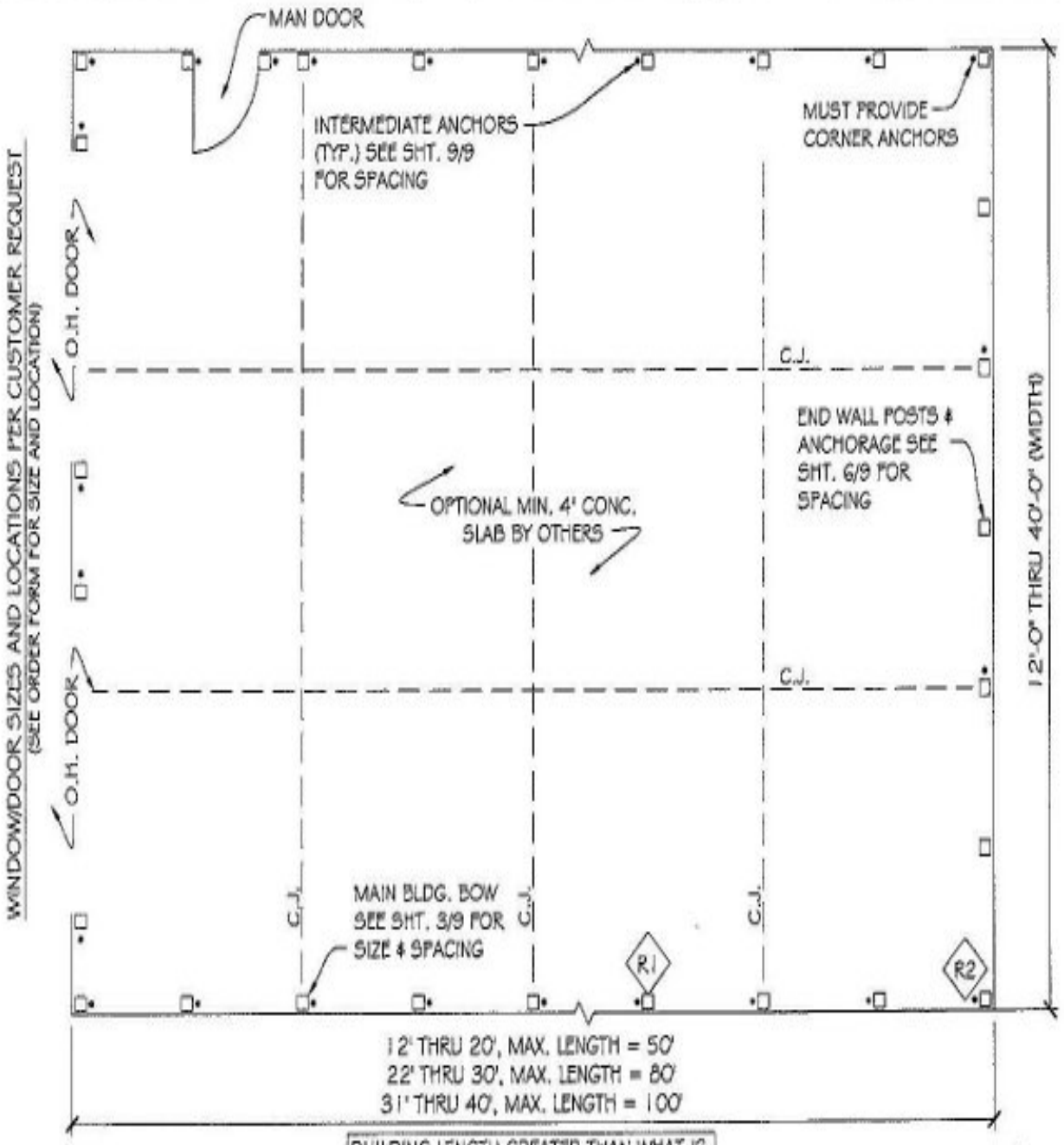
PREVAILING CODE: IBC 2006 / IBC 2009
USE GROUP: U (CARPORTS, BARNS)
BASIC WIND VELOCITY: 90 TO 150 MPH
(SEE SCHEDULE)
ROOF DEAD LOAD: 2.0 PSF
ROOF LIVE LOAD: AS PER GROUND SNOW
MIN. 20 PSF / MAX. 55 PSF

GROUND SNOW LOAD: 20 TO 80 PSF
(SEE SCHEDULE)
IMPORTANCE FACTOR = SNOW 0.8
WIND 0.87
SEISMIC 1.0

SEISMIC DESIGN CATEGORY: D

LOAD COMBINATIONS:
DL+LL, 0.6DL+WL
DL+0.75LL+0.75WL

DRAWING INDEX

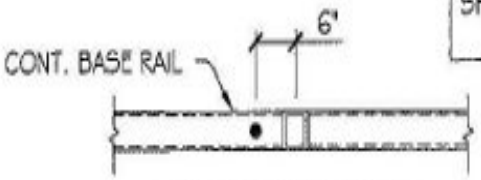


BUILDING LENGTH GREATER THAN WHAT IS SHOWN CAN BE ACHIEVED BY DOUBLING BOW AT MIDDLE SO TO DBL LENGTH

FLOOR PLAN

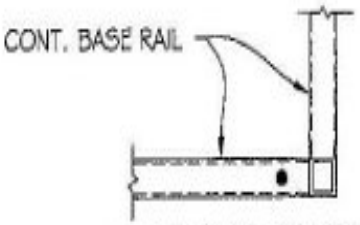
(SCALE: NTS)

C.J. - CONTROL JOINTS ON CONCRETE SLAB OPTION MAX. 20'X20'



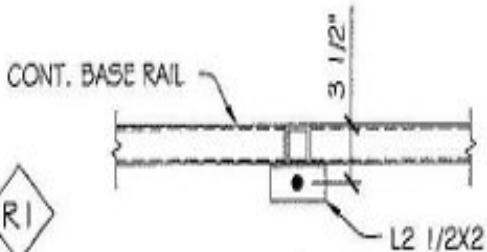
BASE ANCHOR

(SCALE: NTS)



BASE ANCHOR

(SCALE: NTS)



R1

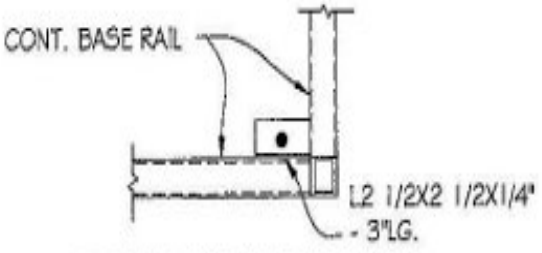
• ANCHOR - SEE OPTIONS & SPACING SHT. 9/9

ALTERNATE ANCHOR

(SCALE: NTS)

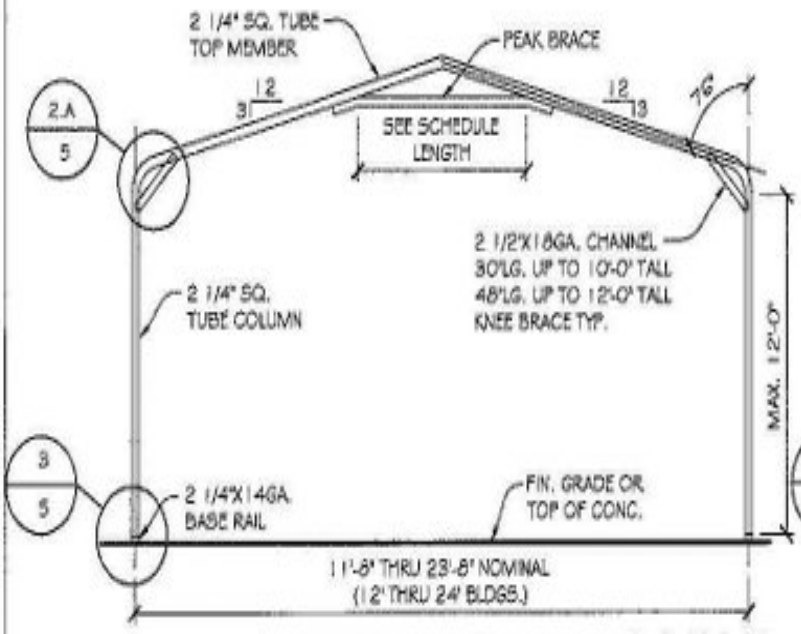
R2

• ANCHOR - SEE OPTIONS & SPACING SHT. 9/9



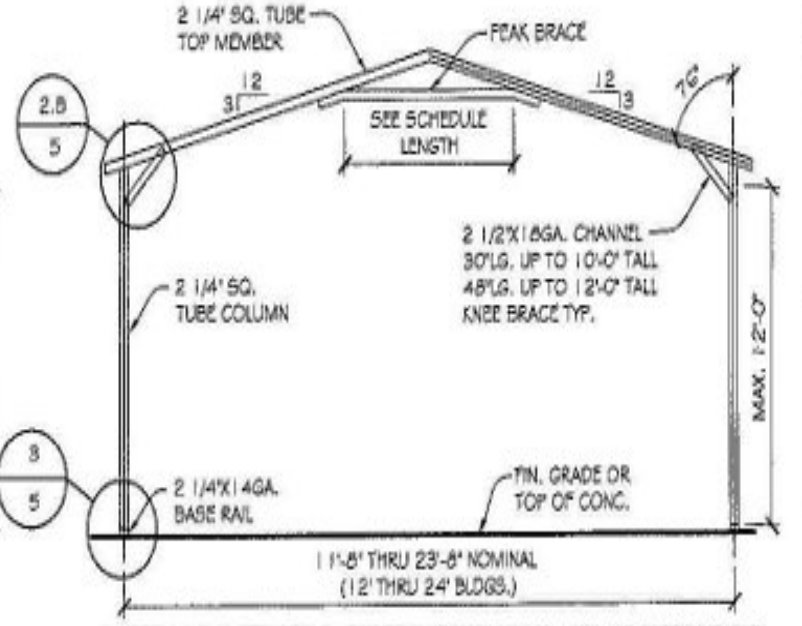
ALTERNATE ANCHOR

(SCALE: NTS)



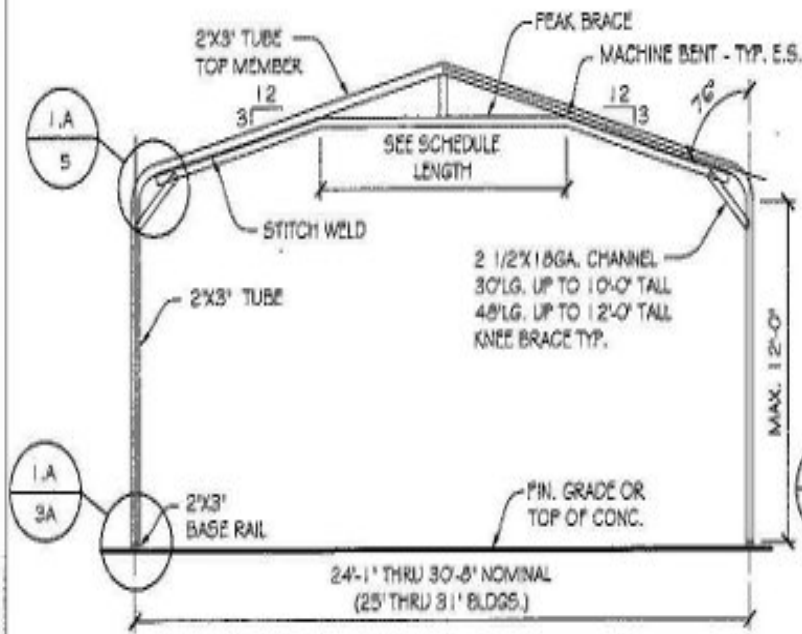
REGULAR SINGLE BOW "SB" BUILDING SECTION

(SCALE: NTS)



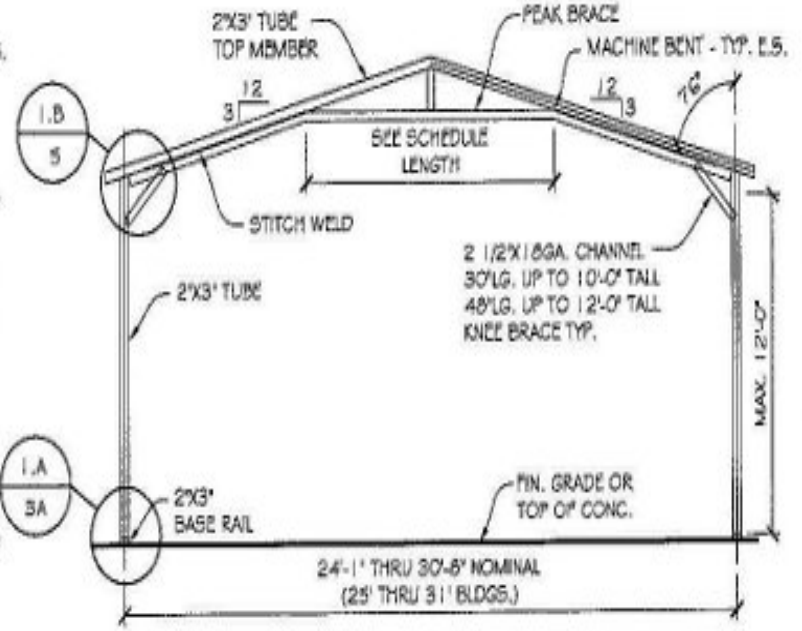
A-FRAME SINGLE BOW "SB" BUILDING SECTION

(SCALE: NTS)



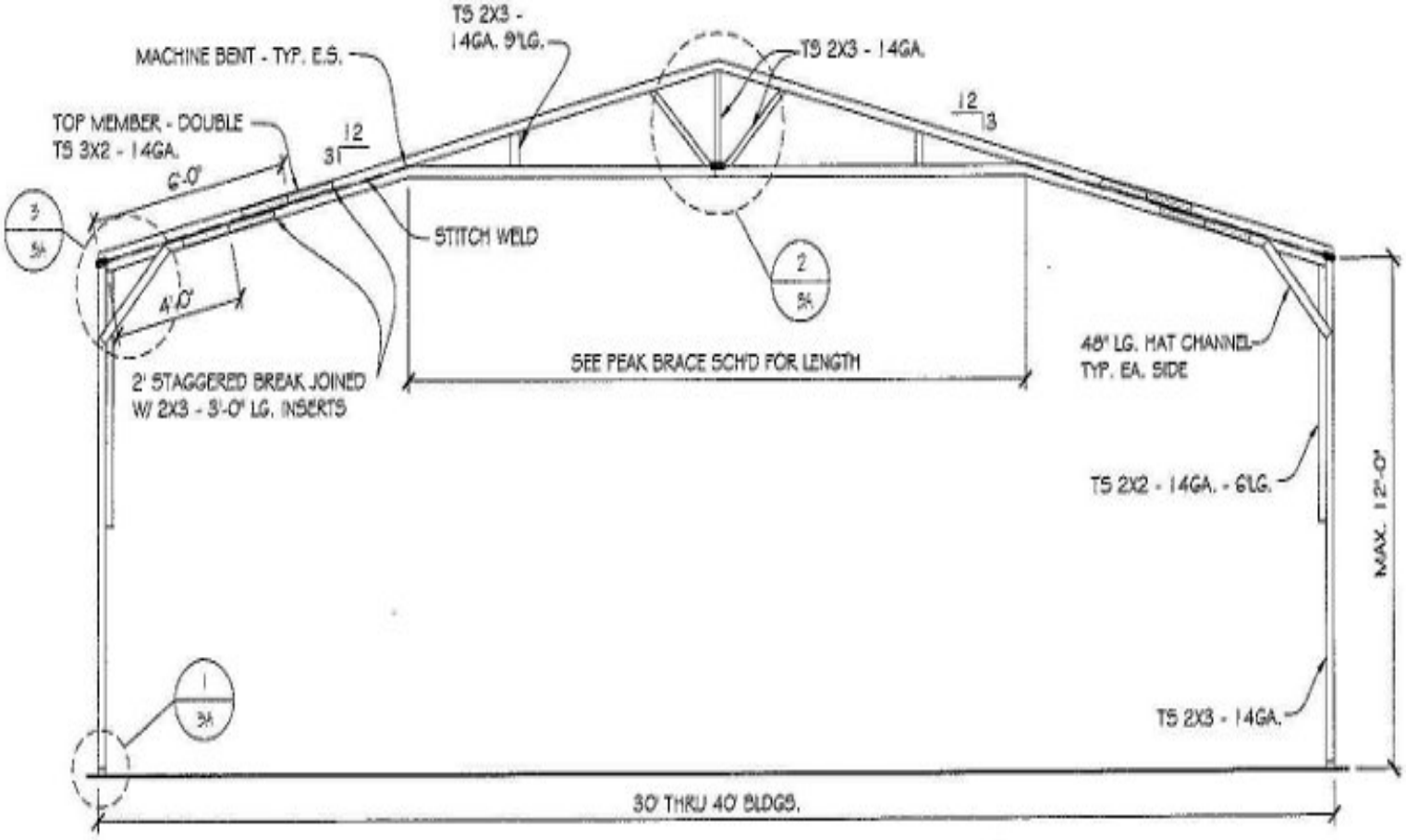
REGULAR DOUBLE BOW "DB" BUILDING SECTION

(SCALE: NTS)



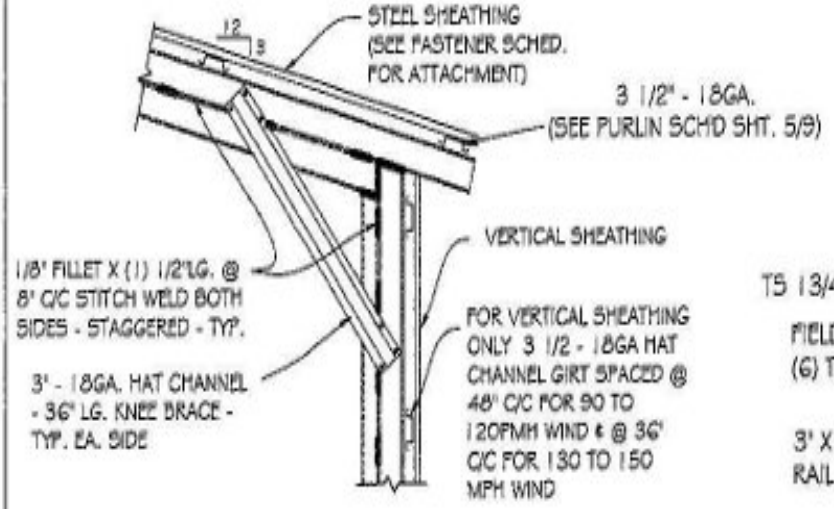
A-FRAME DOUBLE BOW "DB" BUILDING SECTION

(SCALE: NTS)



30' THRU 40' BUILDING SECTION

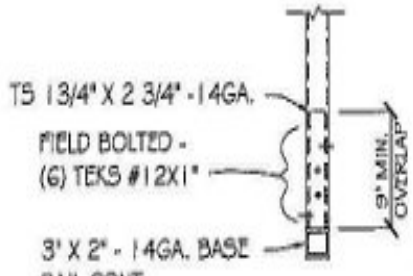
SCALE: NTS



A-FRAME DOUBLE BOW "DB" SECTION DETAIL

3 / 3A

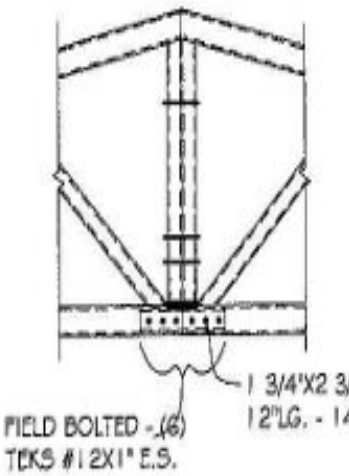
(SCALE: NTS)



SECTION

SCALE: NTS

1 / 3A



SECTION

SCALE: NTS

2 / 3A

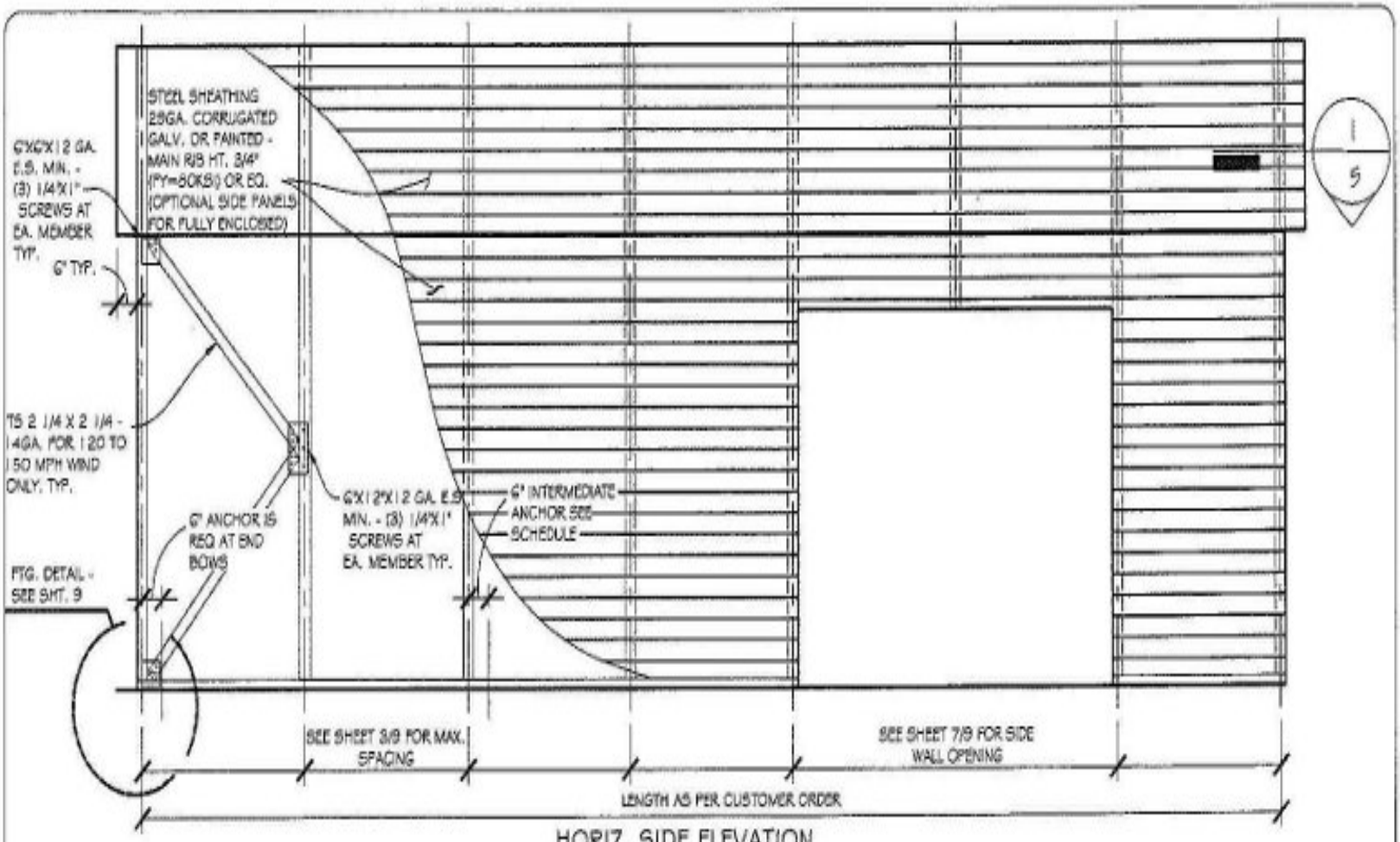
BOW SCHEDULE (TOP & COLUMN MEMBERS GAUGE AND SPACING)

WIND (MPH)			90 - 100			101 - 120			121 - 150		
GS/LL	POST HT.		12' - 24'	24' - 31'	32' - 40'	12' - 24'	24' - 31'	32' - 40'	12' - 24'	24' - 31'	32' - 40'
			2 1/4" TUBE SQ.	2"X3" TUBE		2 1/4" TUBE SQ.	2"X3" TUBE		2 1/4" TUBE SQ.	2"X3" TUBE	
20/20	5'-0" TO 8'-0"	F	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 54"	14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
	9'-0" TO 12'-0"	F	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P	14GA. S.B. @ 54"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 54"	14GA. S.B. @ 54"	14GA. D.B. @ 48"	14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
30/20	5'-0" TO 8'-0"	F	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 54"	14GA. S.B. @ 54"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 54"	14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
	9'-0" TO 12'-0"	F	14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 54"	14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 54"	14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P	14GA. S.B. @ 54"	14GA. S.B. @ 54"	14GA. D.B. @ 54"	14GA. S.B. @ 54"	14GA. S.B. @ 48"	14GA. D.B. @ 48"	14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
40/30	5'-0" TO 8'-0"	F	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 42"
		P	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 36"	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 36"	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 36"
	9'-0" TO 12'-0"	F	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 42"
		P	14GA. S.B. @ 48"	14GA. S.B. @ 36"	14GA. D.B. @ 36"	14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 36"	14GA. S.B. @ 36"	14GA. S.B. @ 30"	14GA. D.B. @ 36"
50/40	5'-0" TO 8'-0"	F	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 30"	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 36"	14GA. S.B. @ 36"	14GA. S.B. @ 30"	14GA. D.B. @ 30"
		P	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 30"	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 30"	14GA. S.B. @ 36"	14GA. S.B. @ 24"	14GA. D.B. @ 30"
	9'-0" TO 12'-0"	F	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 24"	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 30"	14GA. S.B. @ 36"	14GA. S.B. @ 30"	14GA. D.B. @ 30"
		P	14GA. S.B. @ 42"	14GA. S.B. @ 30"	14GA. D.B. @ 24"	14GA. S.B. @ 36"	14GA. S.B. @ 30"	14GA. D.B. @ 30"	14GA. S.B. @ 30"	14GA. S.B. @ 24"	14GA. D.B. @ 30"
60/40	5'-0" TO 8'-0"	F	14GA. S.B. @ 42"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 42"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. S.B. @ 24"	N.A.
		P	14GA. S.B. @ 42"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 36"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. S.B. @ 24"	N.A.
	9'-0" TO 12'-0"	F	14GA. S.B. @ 42"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 36"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. S.B. @ 24"	N.A.
		P	14GA. S.B. @ 36"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 36"	14GA. S.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. S.B. @ 24"	N.A.
70/45	5'-0" TO 8'-0"	F	14GA. S.B. @ 36"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 24"	N.A.
		P	14GA. S.B. @ 36"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 24"	14GA. D.B. @ 24"	N.A.
	9'-0" TO 12'-0"	F	14GA. S.B. @ 36"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 24"	14GA. D.B. @ 24"	N.A.
		P	14GA. S.B. @ 30"	14GA. D.B. @ 24"	N.A.	14GA. S.B. @ 24"	14GA. D.B. @ 24"	N.A.	N.A.	14GA. D.B. @ 24"	N.A.
80/55	5'-0" TO 8'-0"	F	14GA. S.B. @ 36"	14GA. D.B. @ 18"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 18"	N.A.	N.A.	N.A.	N.A.
		P	14GA. S.B. @ 36"	14GA. D.B. @ 18"	N.A.	14GA. S.B. @ 24"	14GA. D.B. @ 18"	N.A.	N.A.	N.A.	N.A.
	9'-0" TO 12'-0"	F	14GA. S.B. @ 36"	14GA. D.B. @ 18"	N.A.	14GA. S.B. @ 30"	14GA. D.B. @ 18"	N.A.	N.A.	N.A.	N.A.
		P	14GA. S.B. @ 30"	14GA. D.B. @ 18"	N.A.	14GA. S.B. @ 24"	14GA. D.B. @ 18"	N.A.	N.A.	N.A.	N.A.

S.B. = SINGLE BOW
D.B. = DOUBLE BOW
F = FULLY ENCLOSED (CLOSED)
P = PARTIALLY ENCLOSED (OPEN)
G.S. = GROUND SNOW
L.L. = LIVE LOAD

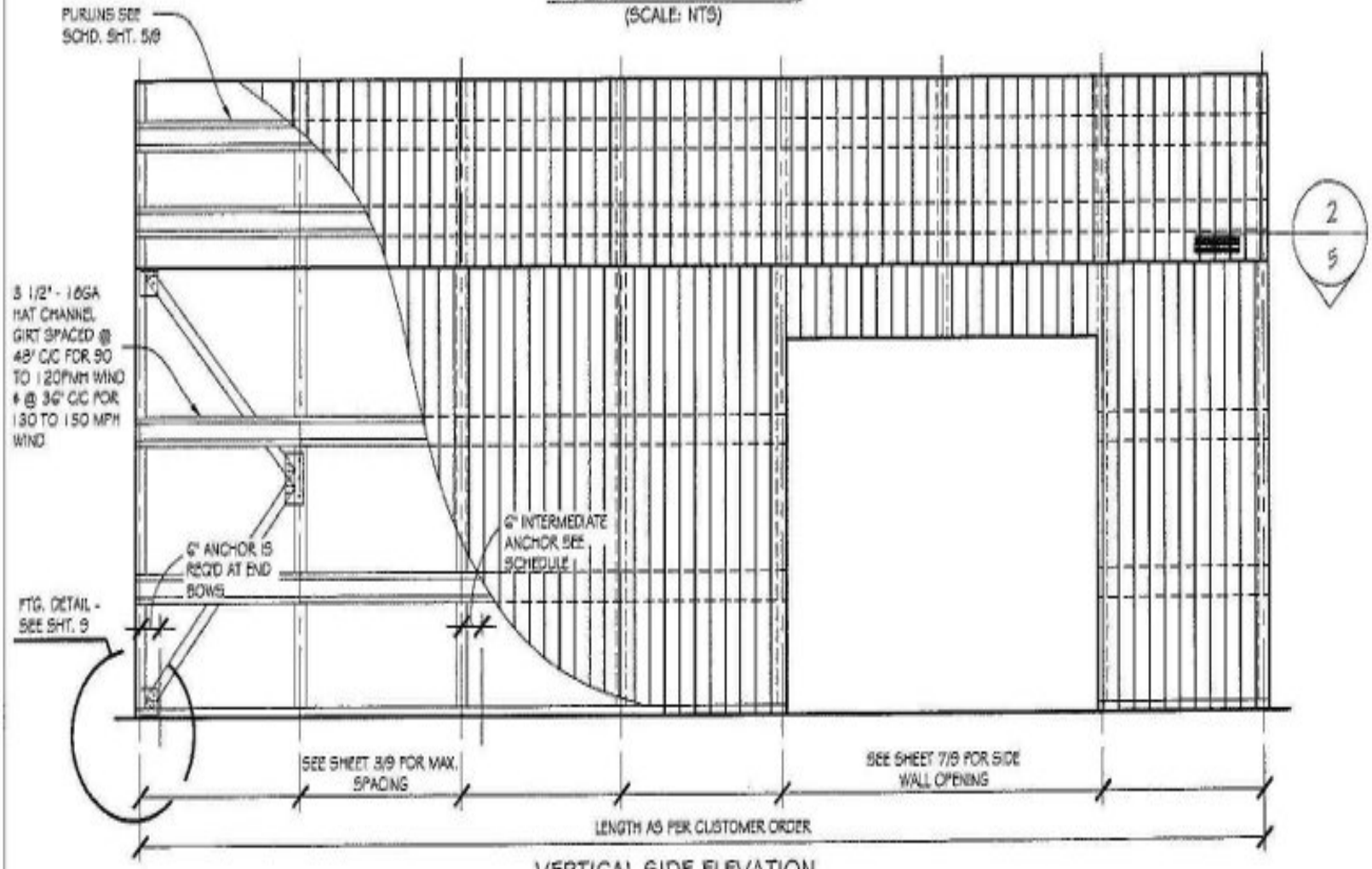
PEAK BRACE SCHEDULE

WIDTH	SIZE	LENGTH
12	2 1/2"X18GA. CHANNEL	2'-0"
14	2 1/2"X18GA. CHANNEL	4'-0"
16	2 1/2"X18GA. CHANNEL	6'-0"
18	2 1/2"X18GA. CHANNEL	6'-0"
20-24	2 1/2"X14GA. SQ. TUBE	10'-0"
25-26	2X2" - 14GA. SQ. TUBE	14'-0"
28-31	2X2" - 14GA. SQ. TUBE	16'-0"
32-35	2"X2" - 14GA. SQ. TUBE	18'-0"
36-40	2"X3" - 14GA. TUBE	20'-0"



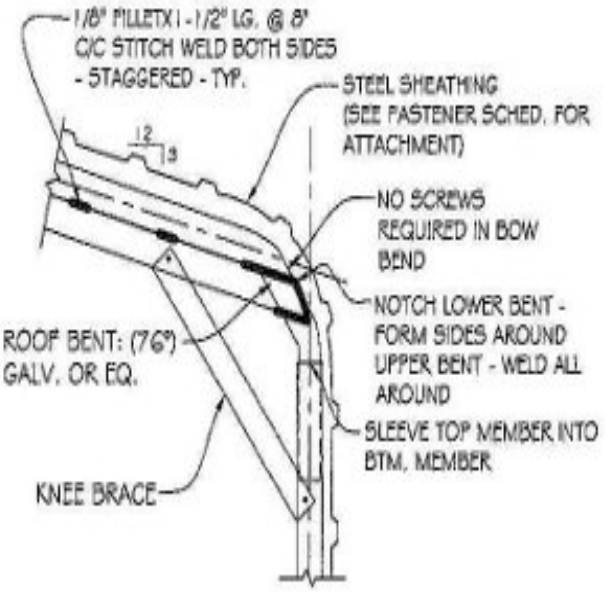
HORIZ. SIDE ELEVATION

(SCALE: NTS)



VERTICAL SIDE ELEVATION

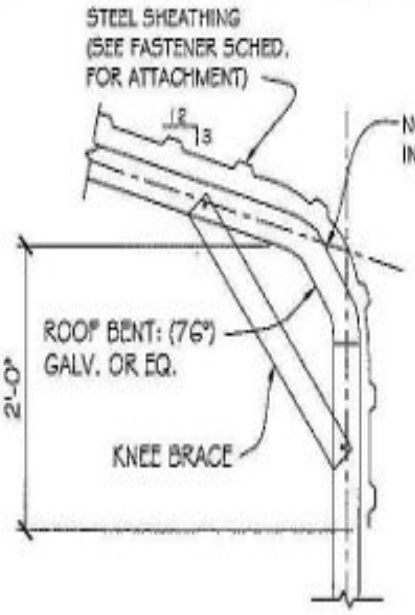
(SCALE: NTS)



REGULAR DOUBLE BOW "DB" SECTION DETAIL

1.A / 3

(SCALE: NTS)

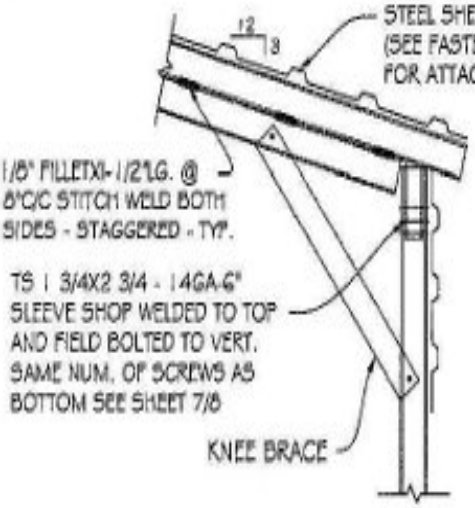


REGULAR SINGLE BOW "SB" SECTION DETAIL

2.A / 3

(SCALE: NTS)

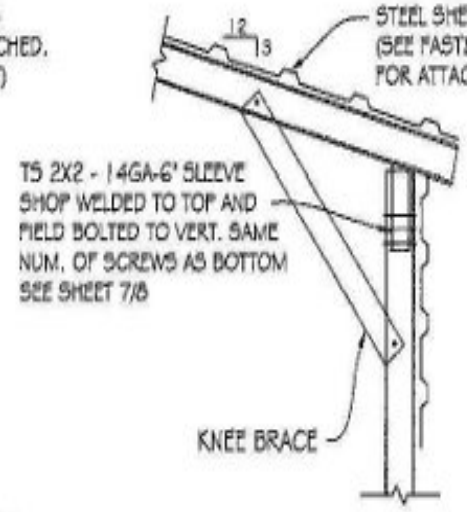
PURLIN SCHD.	
SNOW LOAD	HAT CHANNEL SPACING
20	48" O/C
30	48" O/C
40	36" O/C
50	36" O/C
60	30" O/C
70	30" O/C
80	24" O/C



A-FRAME DOUBLE BOW "DB" SECTION DETAIL

1.B / 3

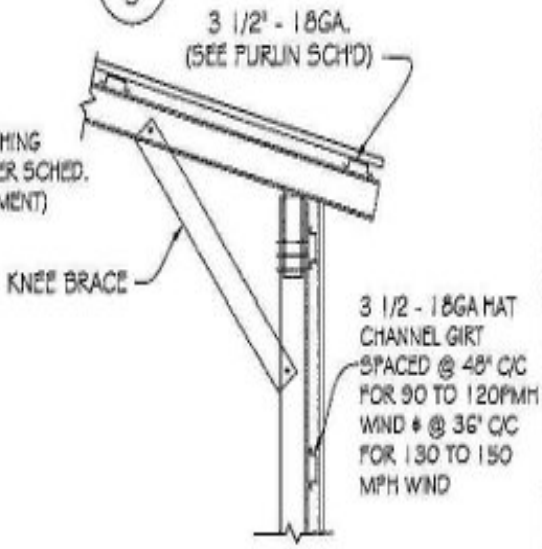
(SCALE: NTS)



A-FRAME SINGLE BOW "SB" SECTION DETAIL

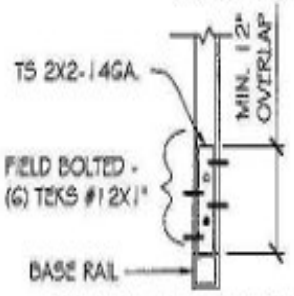
2.B / 3

(SCALE: NTS)



TYPICAL A-FRAME VERTICAL SECTION DETAIL

(SCALE: NTS)



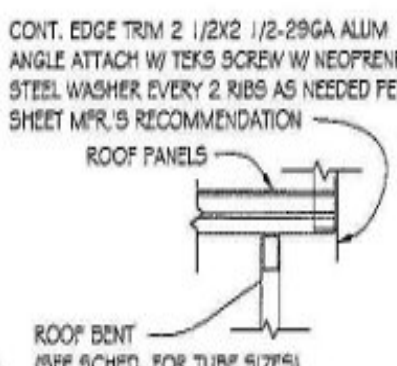
COLUMN / BASE RAIL DETAIL

3 / 3

(SCALE: NTS)

FASTENER SCHD.

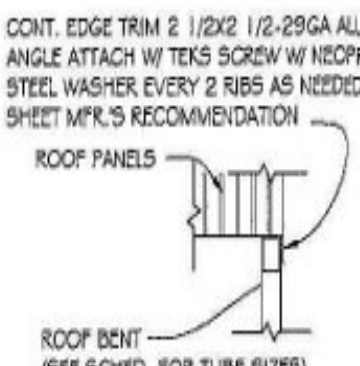
TYPE: TEKS #12X1" SCREWS W/ NEOPRENE/STEEL WASHER @ 6"O/C OF CORNER PANEL AND 8"O/C ELSEWHERE - MIN. ONE FASTENER PER SPAN AT SIDELAP PANELS MIN. 4"O/C AT EDGE LAP PANELS W/ SILICON CAULK IN BETWEEN PANELS



EDGE DETAIL

1 / 4

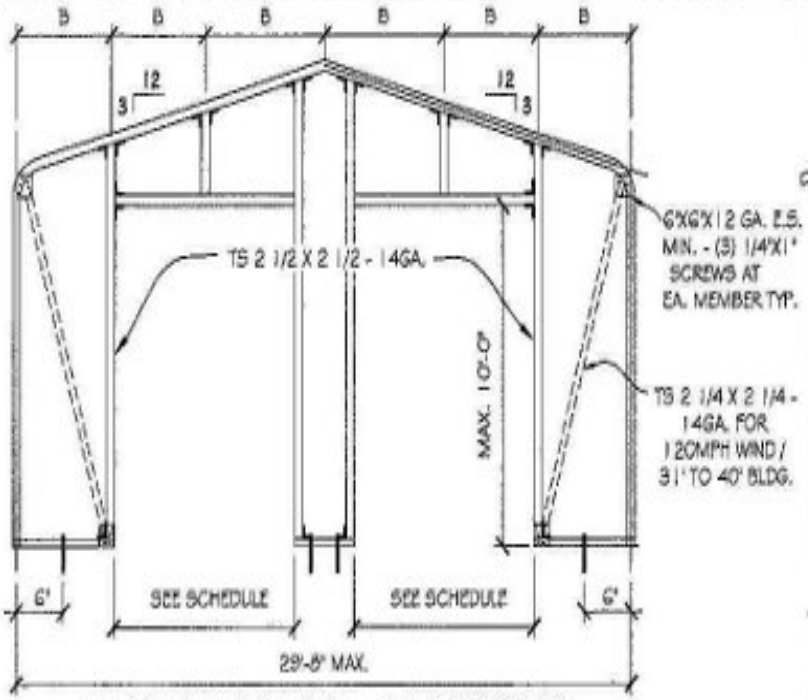
(SCALE: NTS)



EDGE DETAIL

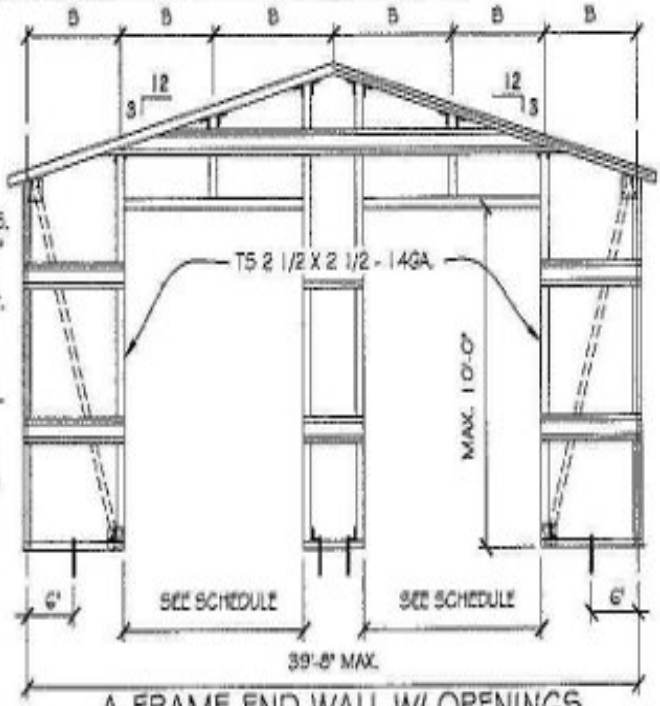
2 / 4

(SCALE: NTS)



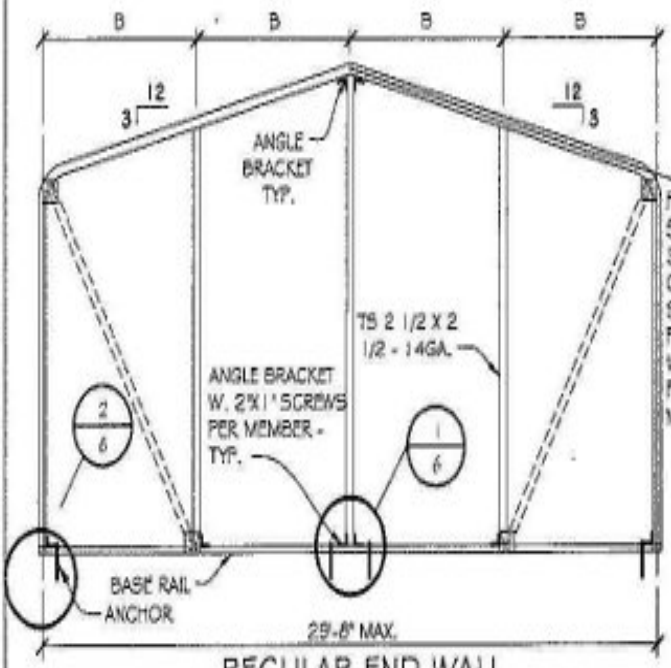
REGULAR END WALL W/ OPENINGS

(SCALE: NTS)



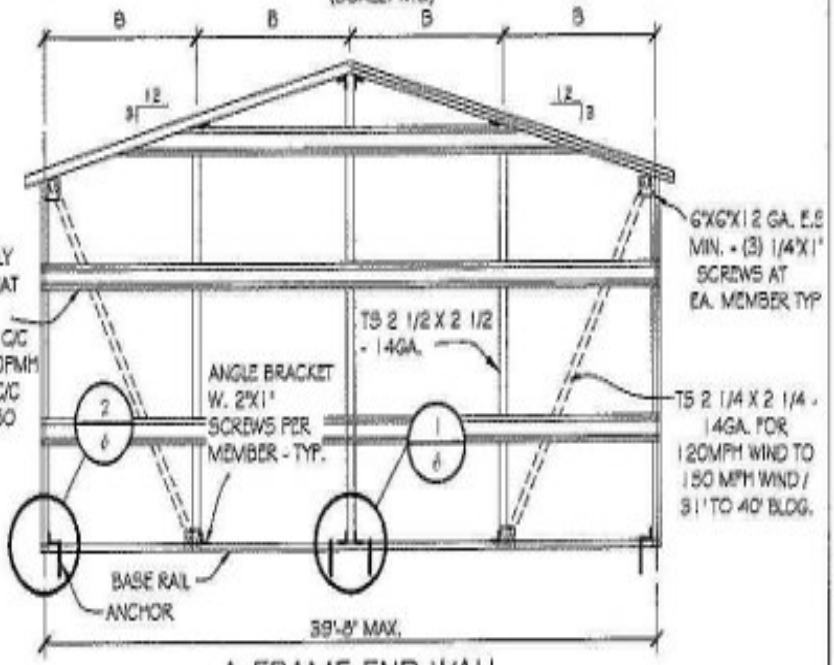
A-FRAME END WALL W/ OPENINGS

(SCALE: NTS)



REGULAR END WALL

(SCALE: NTS)

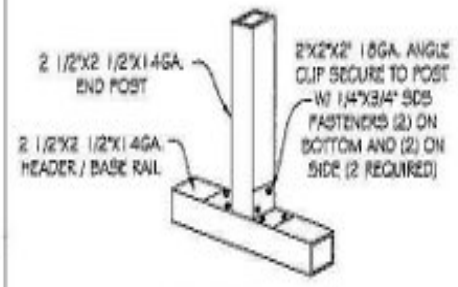


A-FRAME END WALL

(SCALE: NTS)

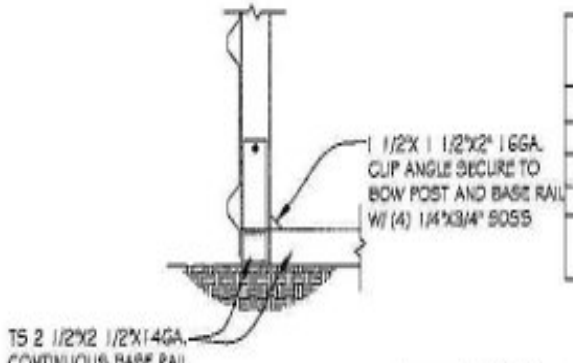
MAX. END WALL OPENING

CARPORT WIDTH	MAX. DOOR WIDTH	HEADER SIZE
12'-16'	8'	TS 2 1/4X 2 1/4 - 12GA.
18'	10'	TS 2 1/4X 2 1/4 - 12GA.
20'-22'	12'	TS 2 1/4X 2 1/4 - 12GA.
24'-31'	14'	DBL TS 2 1/4X 2 1/4 - 14GA.
31'-40'	16'	DBL TS 2X3-14GA & TS 2 1/4X 2 1/4 - 14GA.



SECTION 1/6

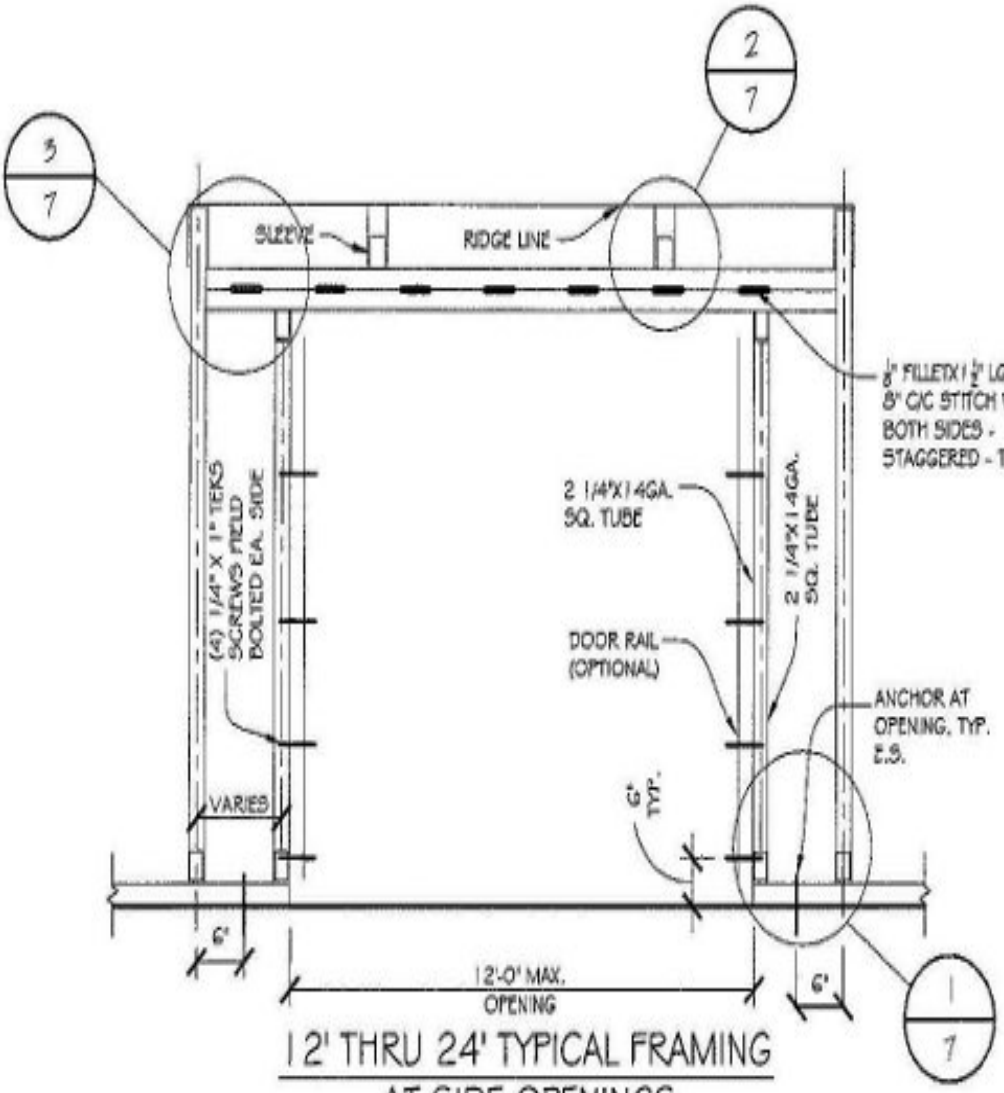
(SCALE: NTS)



SECTION 2/6

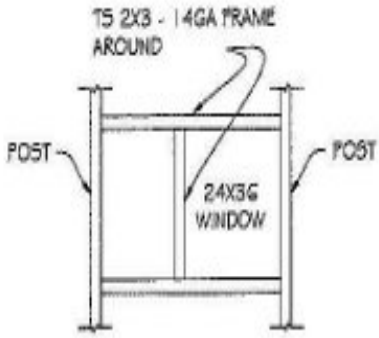
(SCALE: NTS)

MAX. POST SPACING "B" (END WALL SCHEDULE)		
WIND	POST SPACING "B"	ANCHORS
90 - 109	5'-0" C/C	NEXT TO EVERY OTHER POST "B"
110 - 150	4'-0" C/C	NEXT TO EVERY OTHER POST "B"



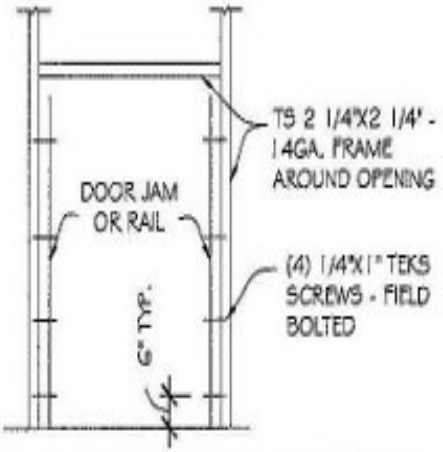
12' THRU 24' TYPICAL FRAMING AT SIDE OPENINGS

(SCALE: NTS)



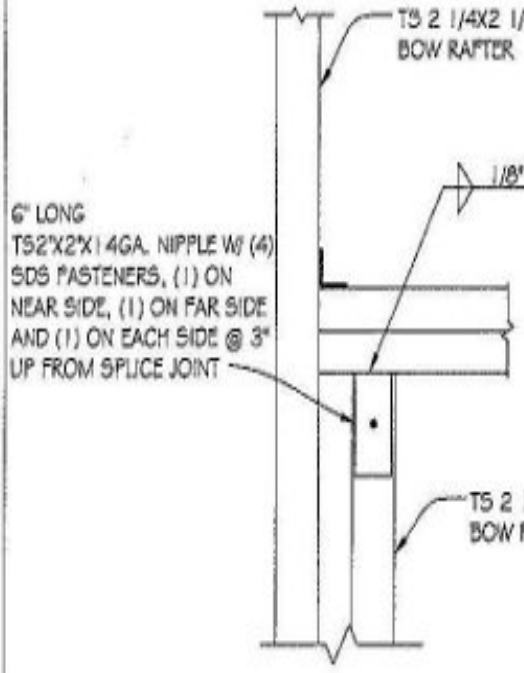
TYPICAL 24X36 WINDOW FRAMING

(SCALE: NTS)



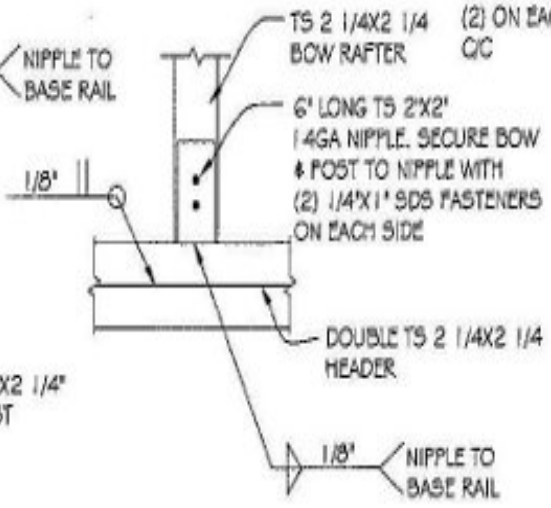
TYPICAL MAN DOOR FRAMING

(SCALE: NTS)



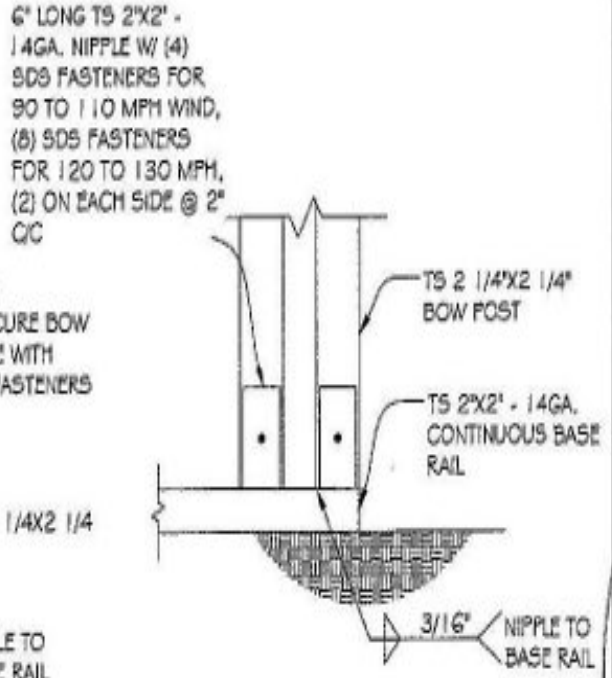
BOW/POST DETAIL 3/7

(SCALE: NTS)



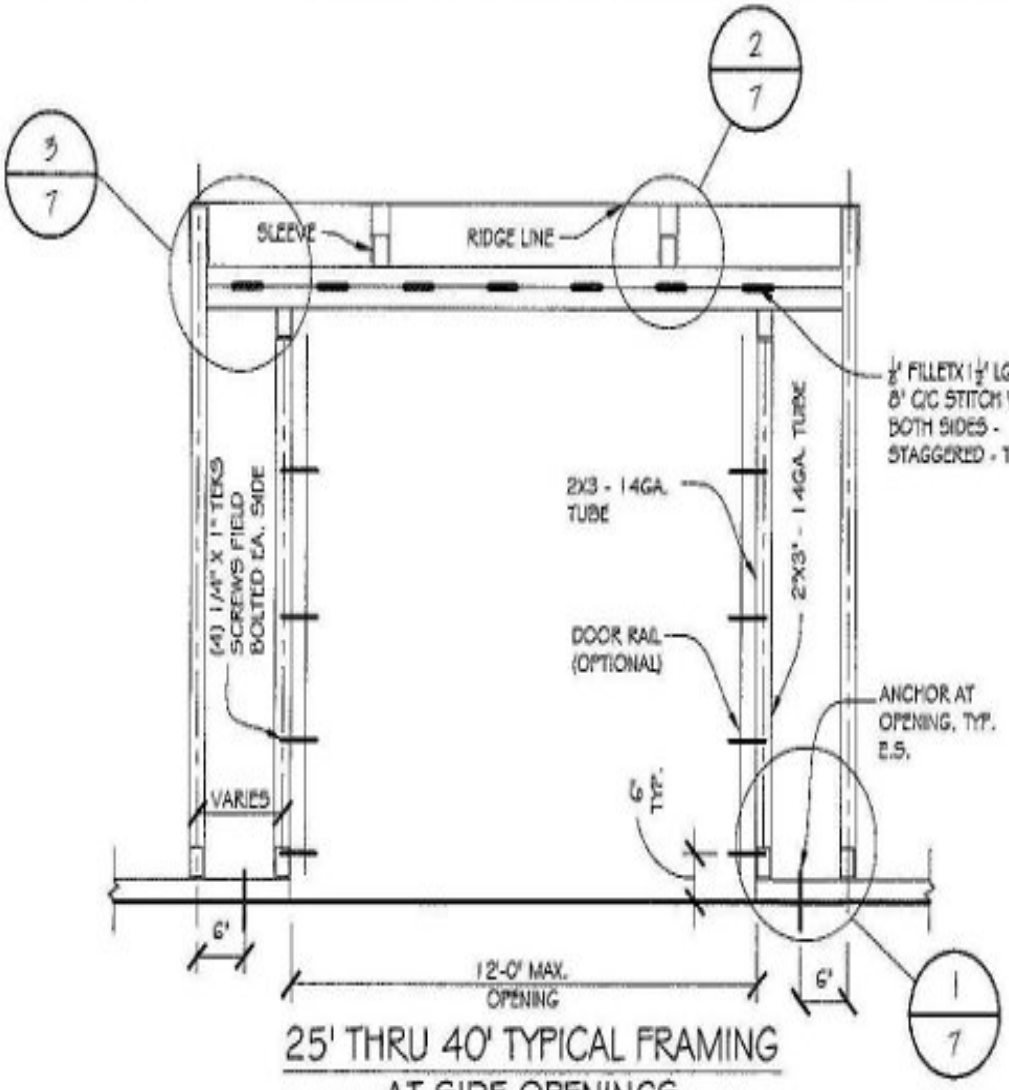
BOW/BASE RAIL CONN. DETAIL 2/7

(SCALE: NTS)



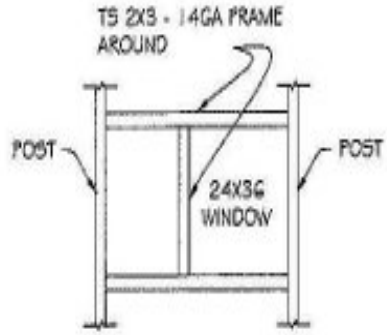
BOW/HEADER DETAIL 1/7

(SCALE: NTS)



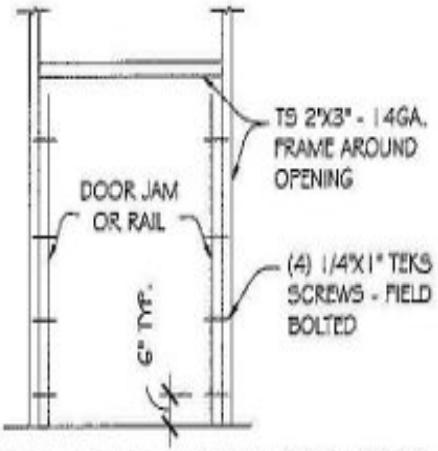
25' THRU 40' TYPICAL FRAMING AT SIDE OPENINGS

(SCALE: NTS)



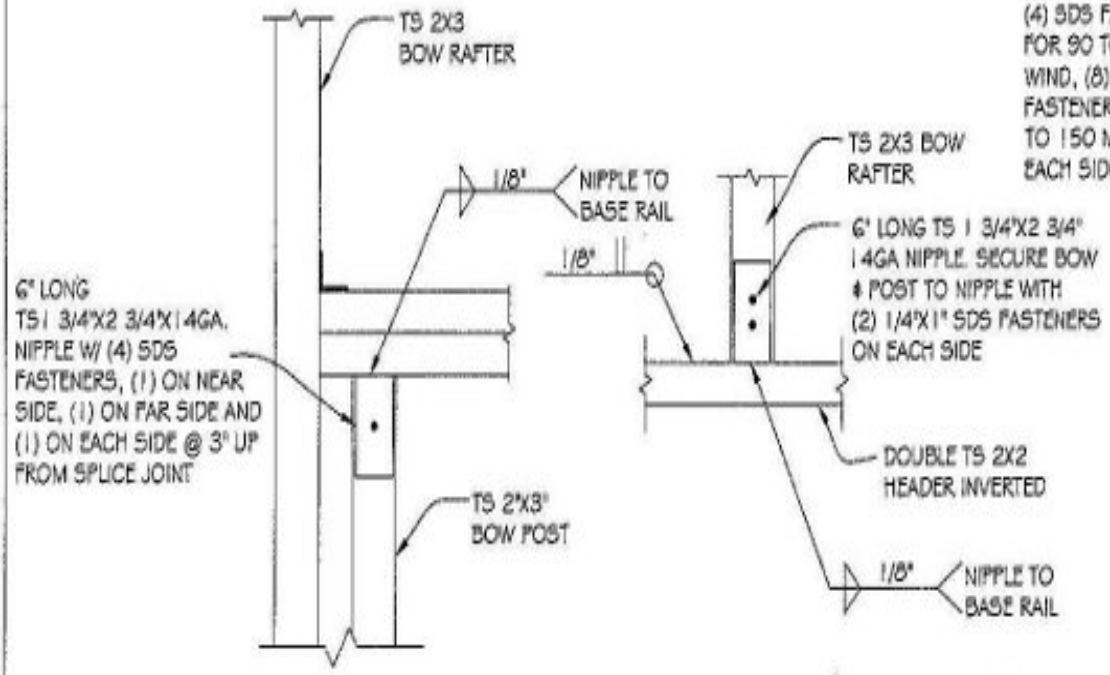
TYPICAL 24X36 WINDOW FRAMING

(SCALE: NTS)



TYPICAL MAN DOOR FRAMING

(SCALE: NTS)

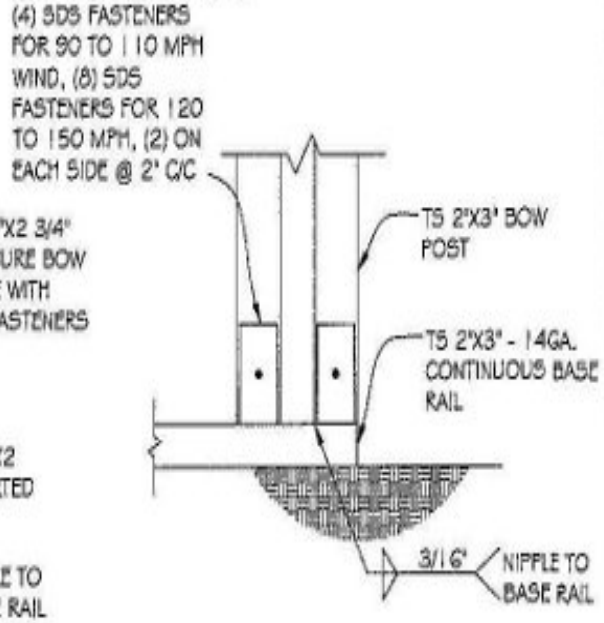


BOW/POST DETAIL 3/7

(SCALE: NTS)

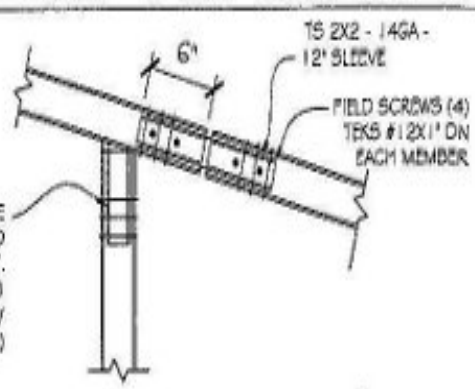
BOW/BASE RAIL CONN. DETAIL 2/7

(SCALE: NTS)



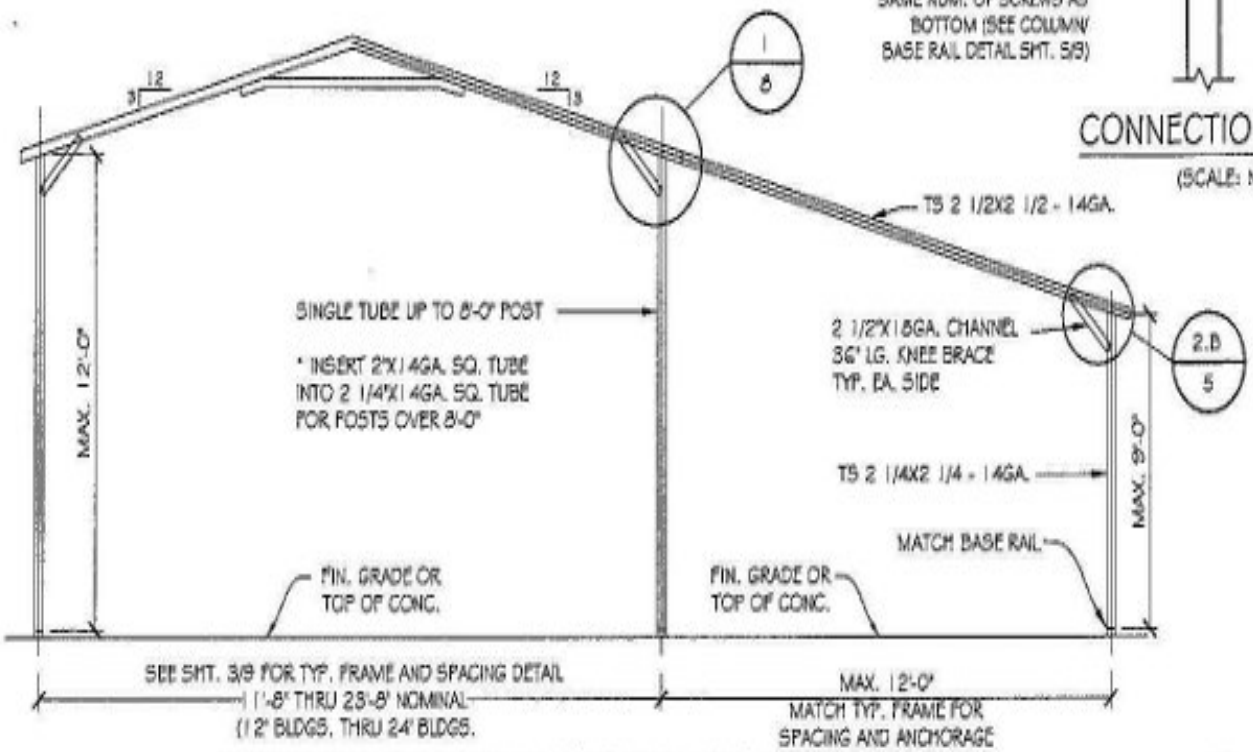
BOW/HEADER DETAIL 1/7

(SCALE: NTS)



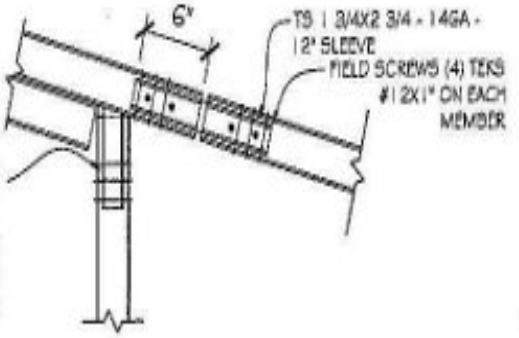
CONNECTION DETAIL 1/8

(SCALE: NTS)



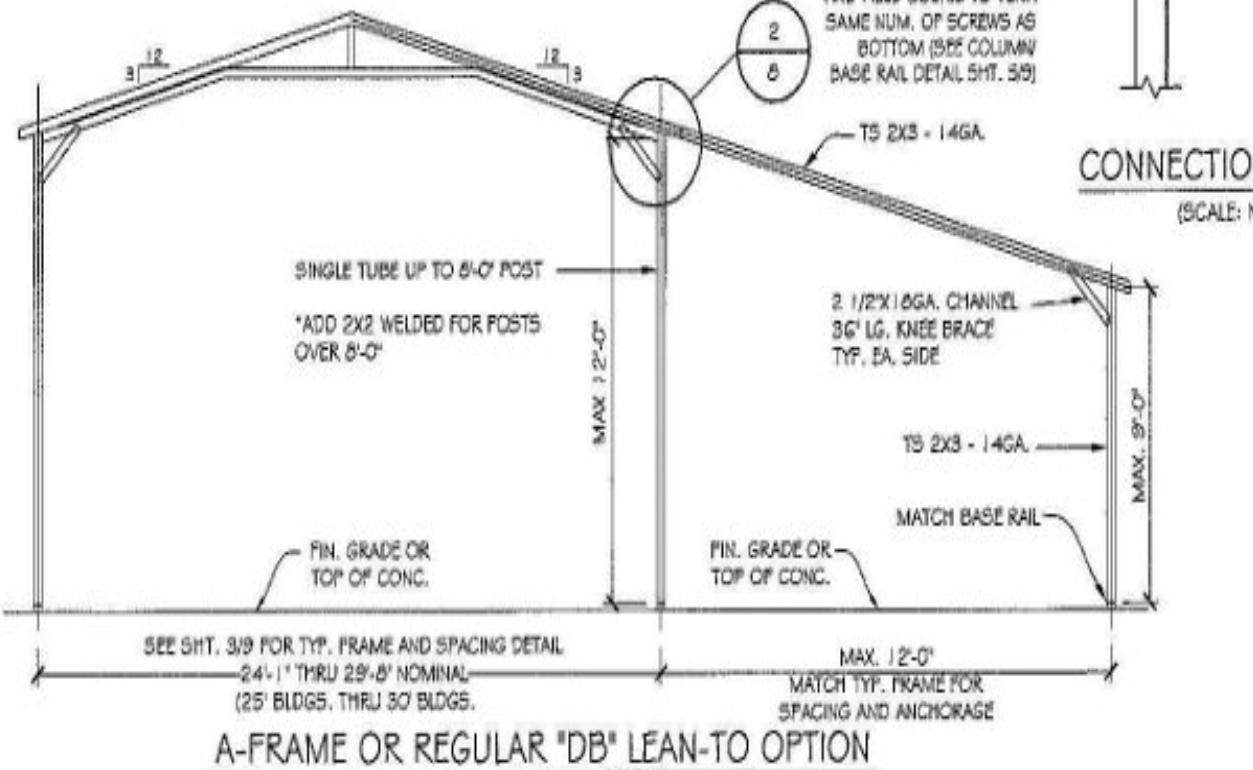
A-FRAME OR REGULAR "SB" LEAN-TO OPTION

(SCALE: NTS)



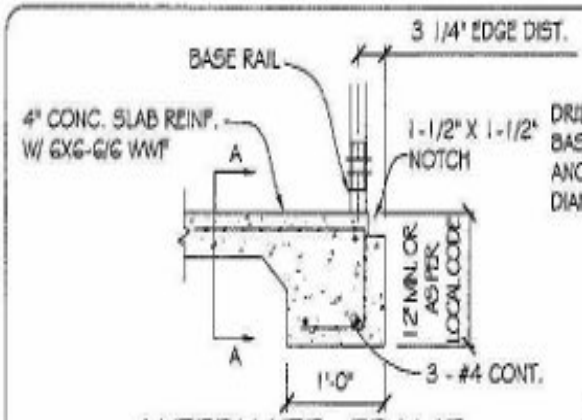
CONNECTION DETAIL 2/8

(SCALE: NTS)



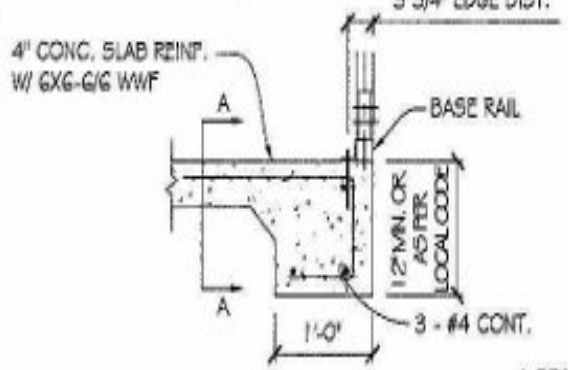
A-FRAME OR REGULAR "DB" LEAN-TO OPTION

(SCALE: NTS)



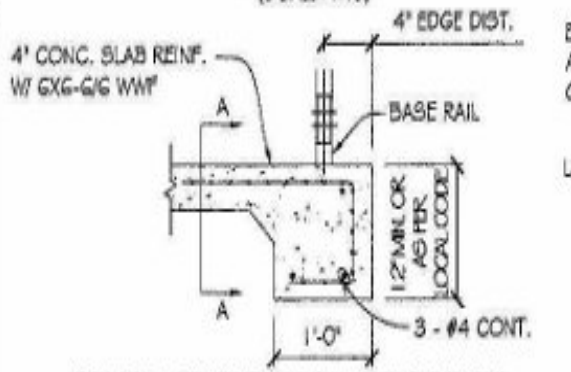
ALTERNATE, FRAME NOTCH IN CONC.

(SCALE: NTS)



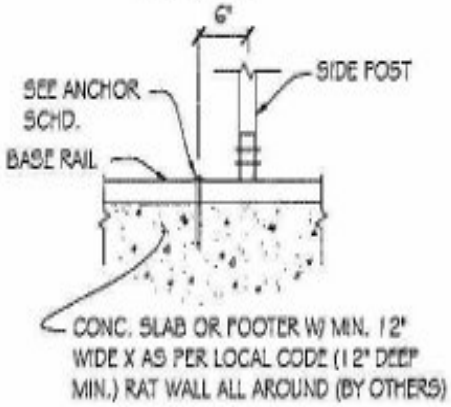
ALTERNATE, FRAME FLUSH W/ CONC.

(SCALE: NTS)



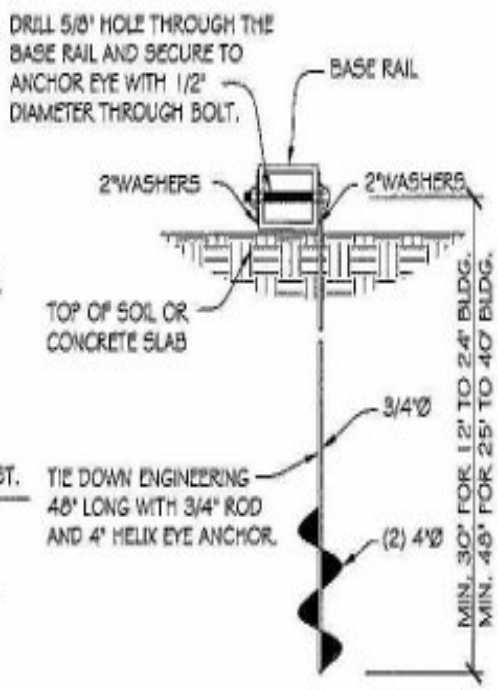
BASE OPTIONAL ANCHOR ON CONC. SLAB SECTION

(SCALE: NTS)



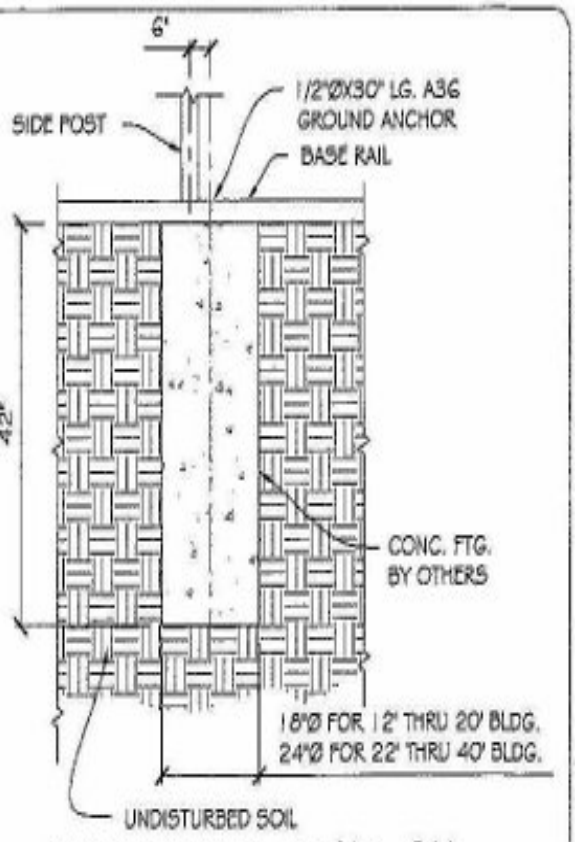
SECTION A-A

SCALE: NTS



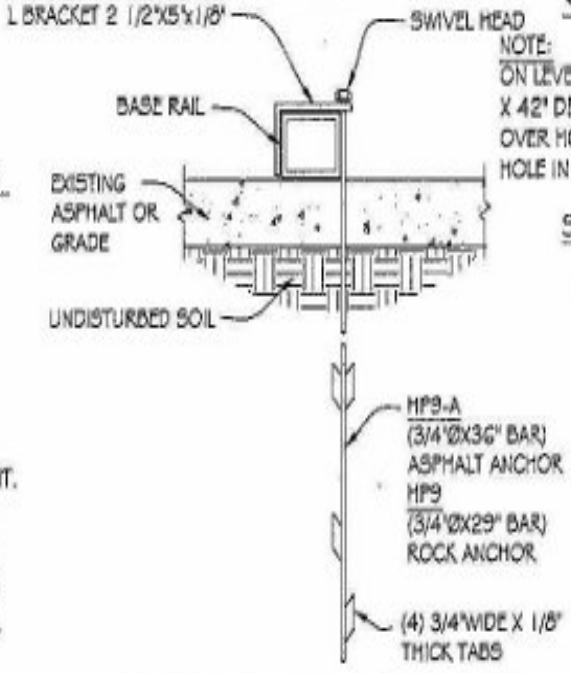
OPTIONAL MOBILE HOME ANCHOR FOR SAND/CLAY

(SCALE: NTS)



PIN ANCHOR DETAIL ON CONCRETE PIER FOOTING

(SCALE: NTS)



OPTIONAL ASPHALT/ ROCK ANCHOR DETAIL

(SCALE: NTS)

NOTE:
ON LEVEL GRADE, DIG A HOLE ACCORDING TO WIDTH OF BUILDING X 42" DEEP AT EACH ANCHOR POINT. REPOSITION BASE RAILS OVER HOLES AND DROP A GROUND ANCHOR THROUGH EACH HOLE IN BASE RAILS. FILL EACH HOLE W/ 2500 PSI CONCRETE.

SOIL CLASSIFICATIONS: *

SOIL CLASS	SOIL DESCRIPTION
2	VERY DENSE & / OR CEMENTED SANDS, COURSE GRAVEL AND COBBLES, COLLCHE, PRELOADED SILTE AND CLAYS
3	MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS
4	LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL AND VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVIAL FILL

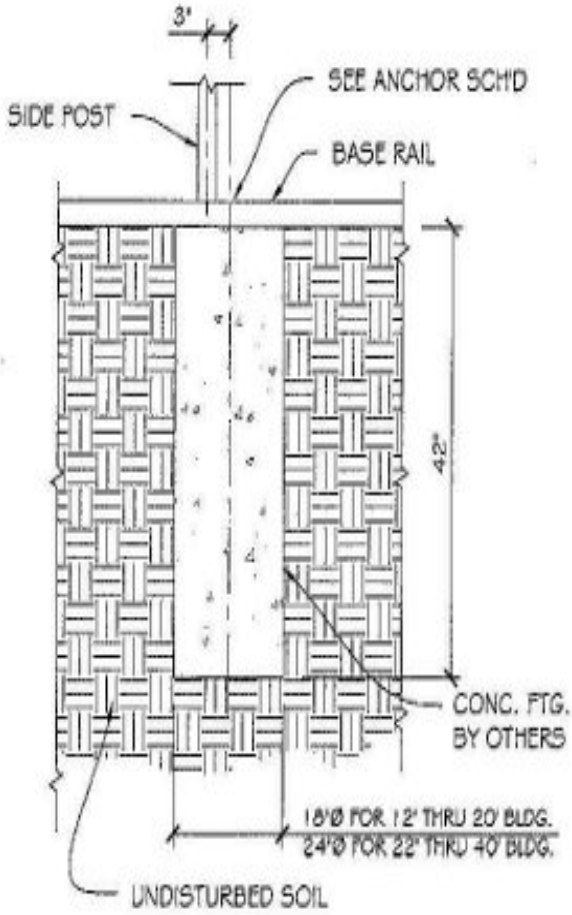
HELICAL ANCHOR SHALL BE APPROVED FOR USE IN SOIL CLASSIFICATIONS 2,3, AND 4.

*TAKEN FROM HUD "STANDARD FOR INSTALLATION OF MOBILE HOMES"

ANCHOR SIZE OPTIONS SCHEDULE

	WIND SPEED (MPH)		REMARKS	CARPORT WIDTH
	90 - 120	130 - 150		
1	5/8"Ø X 20"	5/8"Ø X 20"	THRD. ROD EMBED IN CONC	ALL SIZES
2	5/8"Ø X 7"	5/8"Ø X 10"	INSERT W/ EPOXY IN CONC.	ALL SIZES
3	5/8"Ø X 7"	5/8"Ø X 10"	EXPANSION BOLTS	ALL SIZES
4	5/8"Ø X 7"	5/8"Ø X 10"	WEDGE ANCHORS IN CONC.	ALL SIZES

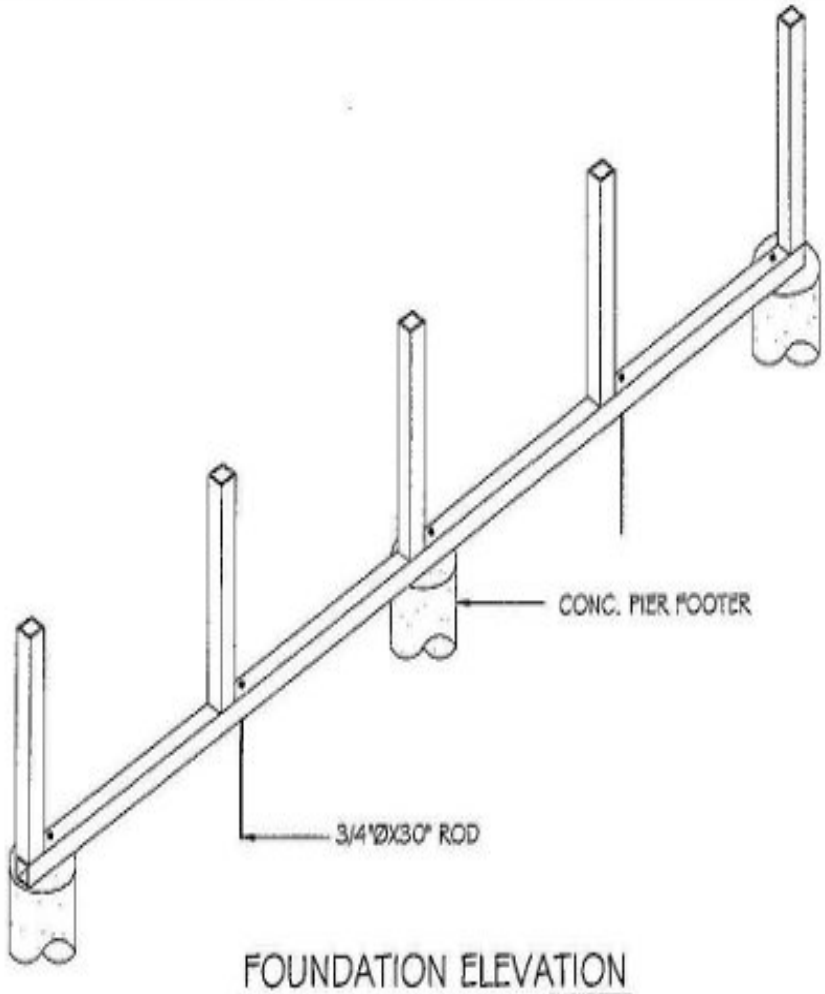
NOTE:
1: SEE SHT. 2 AND 6 FOR ANCHOR REQUIREMENTS
2: ASSUMED SOIL BEARING CAPACITY IS 1500 PSF
3: CONCRETE STRENGTH TO BE 2500PSI AT 28 DAYS



PIN ANCHOR DETAIL ON CONCRETE PIER FOOTING

SCALE: NTS

TYP. AT EVERY ANCHORED POST



FOUNDATION ELEVATION

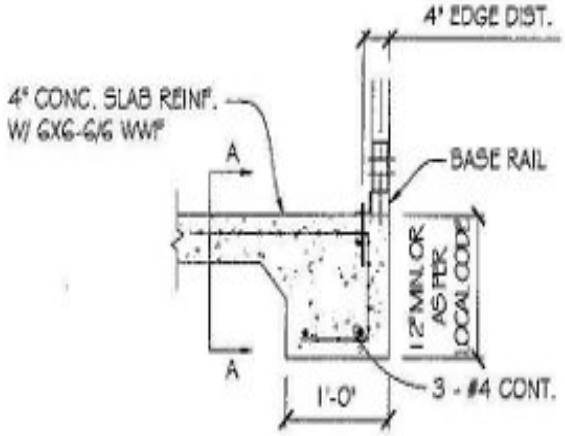
(SCALE: NTS)

NOTES:

1. CONCRETE PIERS SHALL BE REQUIRED AT ALL CORNER POSTS AND AT EVERYOTHER POST BUT SHALL NOT EXCEED 10'-0"C/C SPACING IN ANY DIRECTION
2. ALL OTHER POSTS WITH NO CONCRETE PIER ANCHOR SHALL BE ANCHORED TO THE GROUND WITH 3/4"X30"LG. ROD. RODS SHALL HAVE A WELDED NUT AT TOP AND ONE COAT OF RUST PROVE PRIMER PAINT.
3. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. 1500 PSF
4. CONCRETE STRENGTH TO BE A MIN. OF 2500 PSI AT 28 DAYS

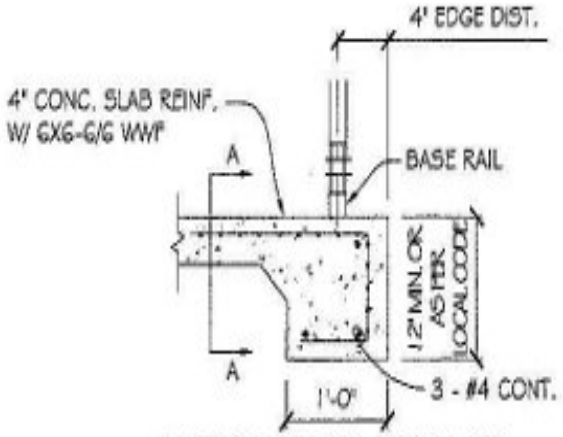
ANCHOR SIZE OPTIONS SCHEDULE

	WIND SPEED (MPH)		REMARKS	CARPORT WIDTH
	90 - 120	130 - 150		
1	5/8'ØX20"	3/4'ØX20"	THRD. ROD EMBED IN CONC	ALL SIZES
2	5/8'ØX7"	3/4'ØX10'	INSERT W/ EPOXY IN CONC.	ALL SIZES
3	5/8'ØX7"	3/4'ØX10'	EXPANSION BOLTS	ALL SIZES
4	5/8'ØX7"	3/4'ØX10'	WEDGE ANCHORS IN CONC.	ALL SIZES



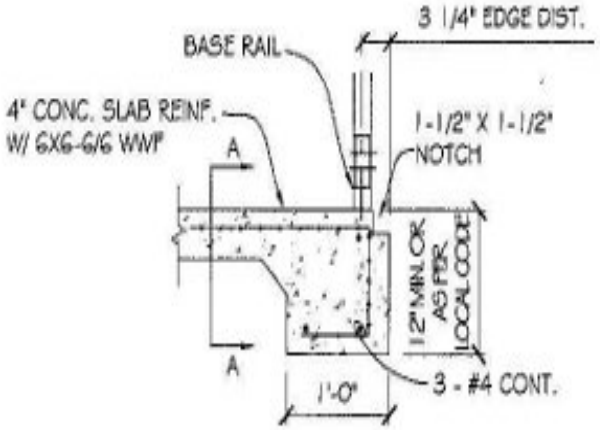
BASE OPTIONAL ANCHOR ON CONC. SLAB SECTION

(SCALE: NTS)



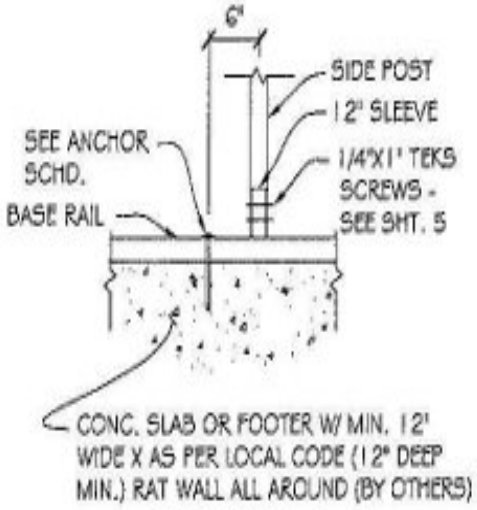
ALTERNATE, FRAME FLUSH W/ CONC.

(SCALE: NTS)



ALTERNATE, FRAME NOTCH IN CONC.

(SCALE: NTS)



SECTION A-A

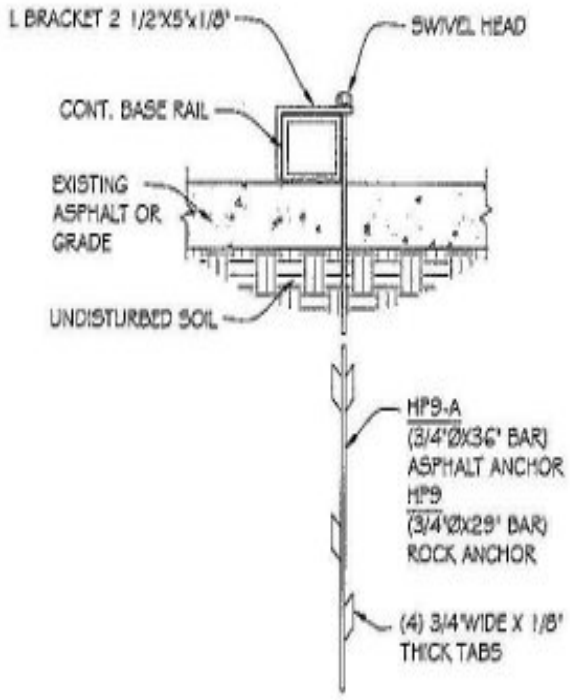
SCALE: NTS

ANCHOR SIZE OPTIONS SCHEDULE

	WIND SPEED (MPH)		BASE ANCHOR		ALTERNATE ANCHOR		REMARKS	CARPORT WIDTH
	90 - 120	130 - 150	90 - 120	130 - 150	90 - 120	130 - 150		
1	5/8"Ø	3/4"Ø	7"	10"	5'	7"	INSERT W/ EPOXY IN CONC.	ALL SIZES
2	5/8"Ø	3/4"Ø	7"	10"	5'	7"	EXPANSION BOLTS	ALL SIZES
3	5/8"Ø	3/4"Ø	7"	10"	5'	7"	WEDGE ANCHORS IN CONC.	ALL SIZES

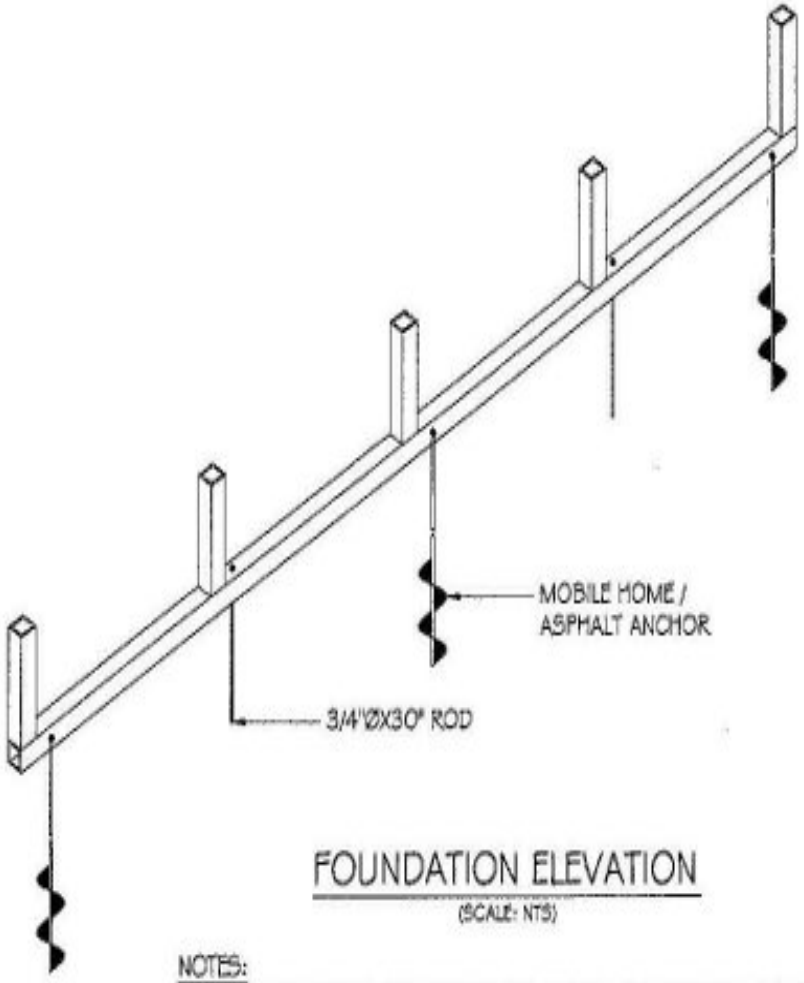
NOTE:

1. PROVIDE A MIN. OF (1) ANCHOR AT ±6" FROM CENTER OF EACH POST
2. ALL ANCHORS SHALL BE A307 OR BETTER
3. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. 1500 PSF
4. CONCRETE STRENGTH TO BE A MIN. OF 2500 PSI AT 28 DAYS



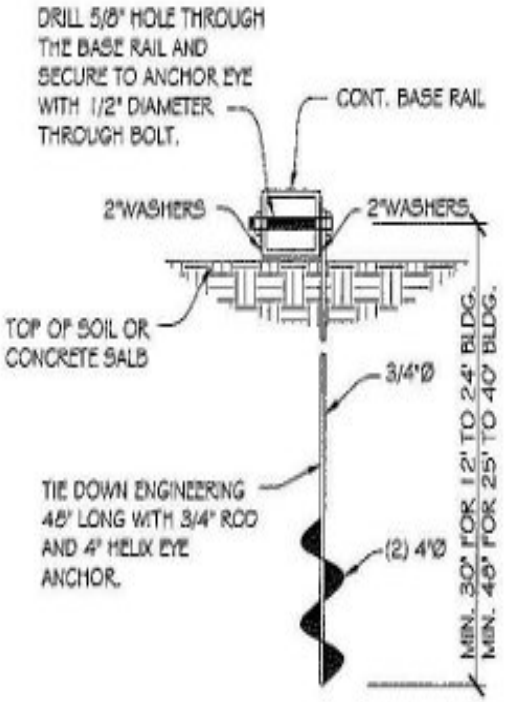
OPTIONAL ASPHALT/ ROCK ANCHOR DETAIL

(SCALE: NTS)



FOUNDATION ELEVATION

(SCALE: NTS)



OPTIONAL MOBILE HOME ANCHOR FOR SAND/CLAY

(SCALE: NTS)

NOTE:
HELICAL ANCHORS ARE NOT TO BE USED IF DRIVING TORQUE INTO GROUND IS LESS THAN 150 FT-LBS OR DON'T MEET ONE OF THE FOLLOWING SOIL CLASSIFICATIONS.

NOTES:

1. MOBILE HOME ANCHORS SHALL BE REQUIRED AT ALL CORNER POSTS AND AT EVERY OTHER POST BUT SHALL NOT EXCEED 10'-0"C/C SPACING IN ANY DIRECTION.
2. ALL OTHER POSTS WITH NO MOBILE HOME ANCHOR SHALL BE ANCHORED TO THE GROUND WITH 3/4"X30"LG. ROD. RODS SHALL HAVE A WELDED NUT AT TOP AND ONE COAT OF RUST PROVE PRIMER PAINT.
3. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. 1500 PSF
4. CONCRETE STRENGTH TO BE A MIN. OF 2500 PSI AT 28 DAYS

SOIL CLASSIFICATIONS: *

SOIL CLASS	SOIL DESCRIPTION
2	VERY DENSE & / OR CEMENTED SANDS, COURSE GRAVEL AND COBBLES, COLLCHE, PRELOADED SILTE AND CLAYS
3	MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS
4	LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL AND VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVIAL FILL.

HELICAL ANCHOR SHALL BE APPROVED FOR USE IN SOIL CLASSIFICATIONS 2,3, AND 4.

*TAKEN FROM HUD "STANDARD FOR INSTALLATION OF MOBILE HOMES"