

REGULAR / A-FRAME - VERTICAL / HORIZ.
12' THRU 30' CARPORTS
(STATE OF WASHINGTON)
AS PER DESIGN CRITERIA

PREPARED BY:



A & A ENGINEERING
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SINCE 1996

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DESIGN NOTES

1. ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH IBC 2006, OSHA, AISC, ASCE7-05, AWS D 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. STRUCTURAL TUBE TS2 1/2"x2 1/2" - 14GA. IS EQUIVALENT 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 2003
USE GROUP: U (CARPORTS, BARNs)
BASIC WIND VELOCITY: 90 TO 110 MPH
(SEE SCHEDULE)

ROOF DEAD LOAD: 2.0 PSF
ROOF LIVE LOAD: AS PER GROUND SNOW
MIN. 20 PSF / MAX. 50 PSF

GROUND SNOW LOAD: 20 TO 60 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

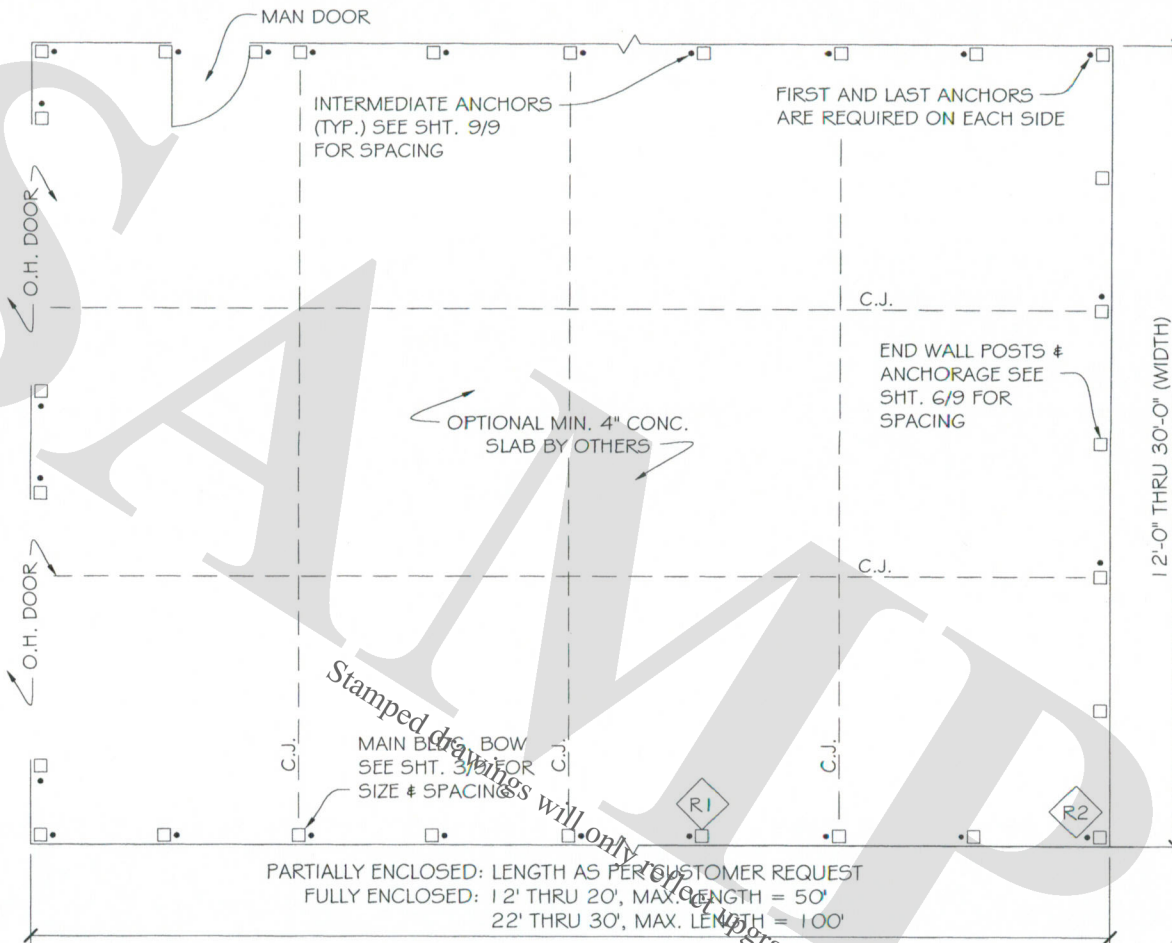
DRAWING INDEX

- 1.....COVER SHEET
- 2.....FLOOR PLAN
- 3.....REGULAR / AFRAME BLDG. SECTIONS
- 3.....SCHEDULES
- 4.....SIDE ELEVATIONS
- 5.....SECTION DETAILS
- 6.....END WALL DETAILS
- 7.....OPENING DETAILS
- 8.....LEAN-TO OPTION
- 9.....ANCHORAGE

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SEAL

WINDOW/DOOR SIZES AND LOCATIONS PER CUSTOMER REQUEST
(SEE SHT. FOR SIZE AND LOCATION)



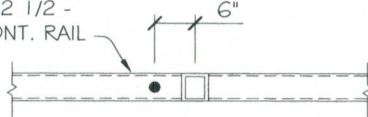
PARTIALLY ENCLOSED: LENGTH AS PER CUSTOMER REQUEST
FULLY ENCLOSED: 12' THRU 20', MAX. LENGTH = 50'
22' THRU 30', MAX. LENGTH = 100'

FLOOR PLAN

(SCALE: NTS)

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

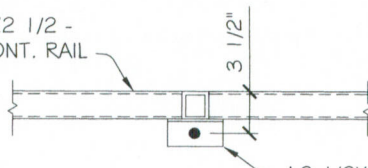
TS2 1/2X2 1/2 -
14GA. CONT. RAIL



BASE ANCHOR

(SCALE: NTS)

TS2 1/2X2 1/2 -
14GA. CONT. RAIL



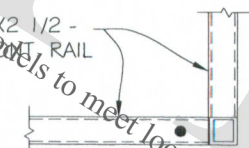
ALTERNATE ANCHOR

(SCALE: NTS)



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

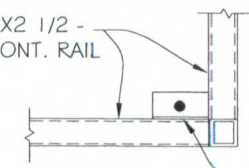
TS2 1/2X2 1/2 -
14GA. CONT. RAIL



BASE ANCHOR

(SCALE: NTS)

TS2 1/2X2 1/2 -
14GA. CONT. RAIL



ALTERNATE ANCHOR

(SCALE: NTS)



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

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

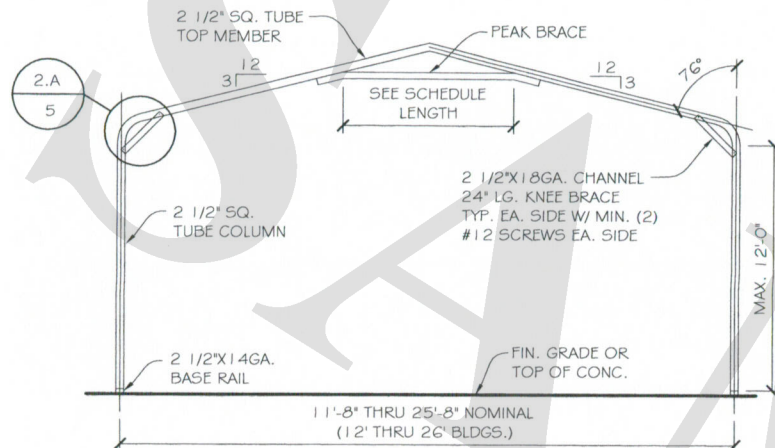
CHECKED BY:

DRAWING TITLE:

SHEET NO.: **2 OF 9**

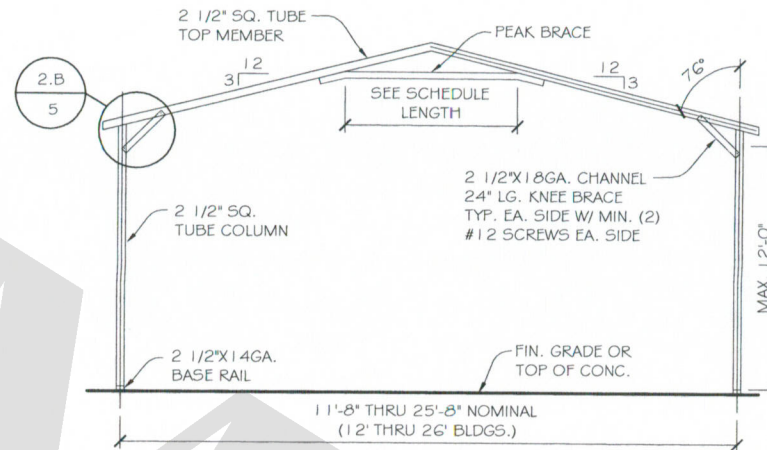
SEAL

DATE SIGNED:



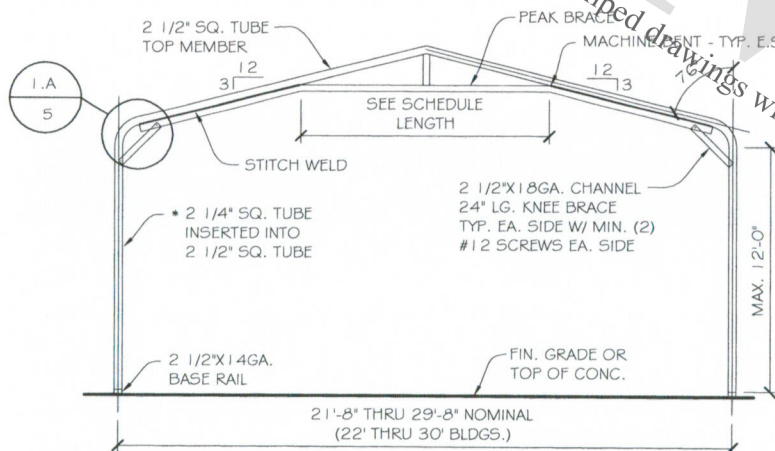
REGULAR SINGLE BOW "SB" BUILDING SECTION

(SCALE: NTS)



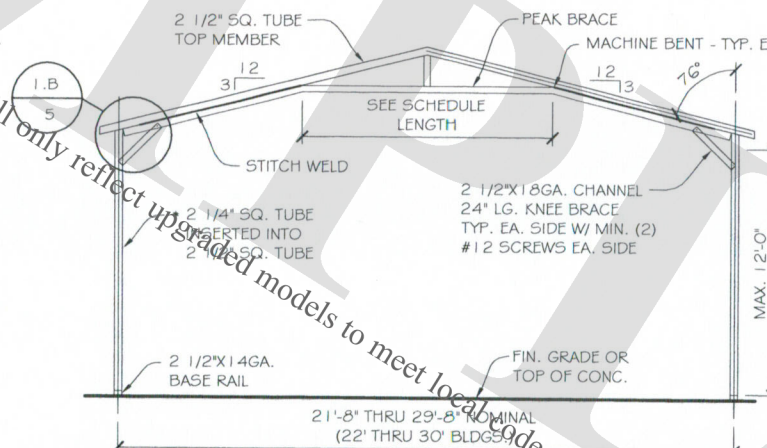
A-FRAME SINGLE BOW "SB" BUILDING SECTION

(SCALE: NTS)



REGULAR DOUBLE BOW "DB" BUILDING SECTION

(SCALE: NTS)



A-FRAME DOUBLE BOW "DB" BUILDING SECTION

(SCALE: NTS)

* INSERT TO BE FULL HEIGHT. FIELD BOLT W/ TEKS
#12X1" @ 12" C/C - STAGGER OPPOSITE FACE

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

CHECKED BY:

DRAWING TITLE:

SHEET NO.: 3 OF 9

SEAL

DATE SIGNED:

BOW SCHEDULE (TOP & COLUMN MEMBERS GAUGE AND SPACING)

WIND (MPH)		90 - 100			110		
GS/LL	POST HT.	BLDG. # WIDTH			BLDG. # WIDTH		
		12-20	22-26	28-30	12-20	22-26	28-30
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. @ 54"	14GA. D.B. @ 60"
		P 14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 48"	14GA. D.B. @ 60"
	9'-0" TO 12'-0"	F 14GA. S.B. @ 60"	14GA. S.B. @ 60"	14GA. D.B. @ 54"	14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 54"
		P 14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 54"	14GA. S.B. @ 60"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
30/20	5'-0" TO 8'-0"	F 14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 54"	14GA. D.B. @ 54"
		P 14GA. S.B. @ 60"	14GA. S.B. @ 48"	14GA. D.B. @ 60"	14GA. S.B. @ 60"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
	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"
		P 14GA. S.B. @ 54"	14GA. S.B. @ 48"	14GA. D.B. @ 54"	14GA. S.B. @ 54"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
40/30	5'-0" TO 8'-0"	F 14GA. S.B. @ 54"	14GA. S.B. @ 54"	14GA. D.B. @ 54"	14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P 14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 48"	14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
	9'-0" TO 12'-0"	F 14GA. S.B. @ 54"	14GA. S.B. @ 54"	14GA. D.B. @ 48"	14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"
		P 14GA. S.B. @ 48"	14GA. S.B. @ 42"	14GA. D.B. @ 48"	14GA. S.B. @ 42"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
50/40	5'-0" TO 8'-0"	F 14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 48"	14GA. S.B. @ 42"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
		P 14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 36"
	9'-0" TO 12'-0"	F 14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 42"	14GA. S.B. @ 42"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
		P 14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 36"	14GA. S.B. @ 36"	14GA. D.B. @ 36"
60/50	5'-0" TO 8'-0"	F 14GA. S.B. @ 48"	14GA. S.B. @ 48"	14GA. D.B. @ 42"	14GA. S.B. @ 42"	14GA. S.B. @ 42"	14GA. D.B. @ 42"
		P 14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 36"	14GA. S.B. @ 36"	14GA. D.B. @ 36"
	9'-0" TO 12'-0"	F 14GA. S.B. @ 42"	14GA. S.B. @ 36"	14GA. D.B. @ 42"	14GA. S.B. @ 36"	14GA. S.B. @ 36"	14GA. D.B. @ 36"
		P 14GA. S.B. @ 36"	14GA. S.B. @ 36"	14GA. D.B. @ 36"	14GA. S.B. @ 36"	14GA. S.B. @ 36"	14GA. D.B. @ 36"

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

CHECKED BY:

DRAWING TITLE:

SHEET NO.: 3A of 9

SEAL

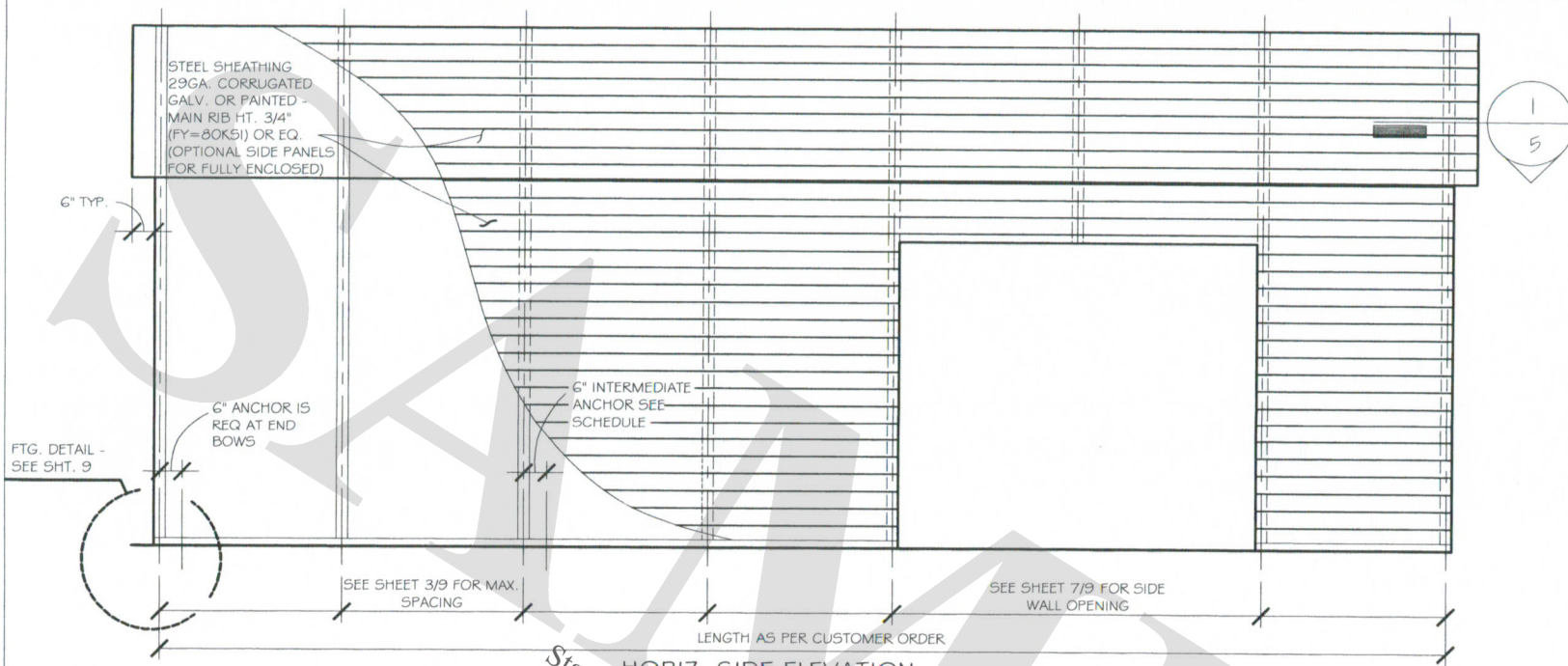
DATE SIGNED:

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

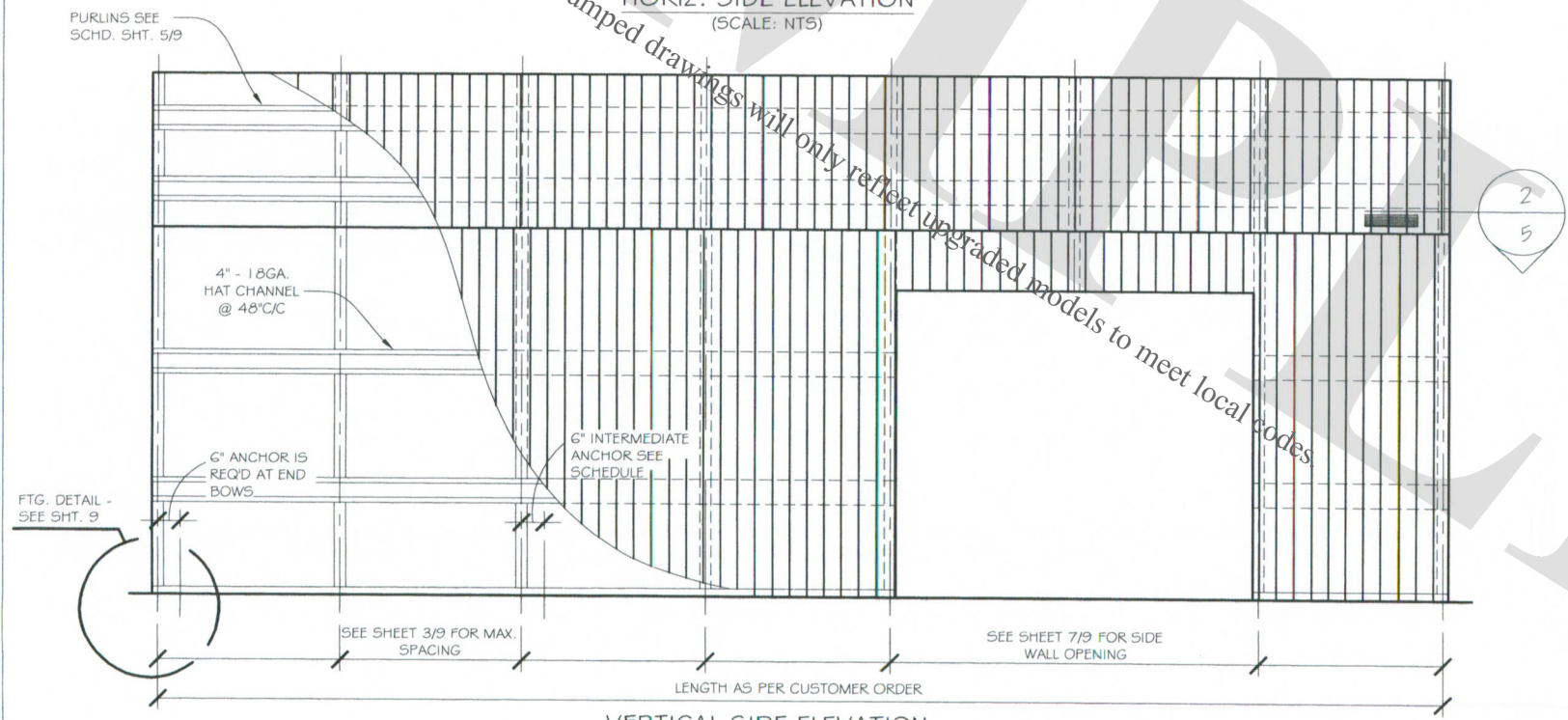
PEAK BRACE SCHEDULE

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"
20-22	2"X14GA. SQ. TUBE	10'-0"
24-26	2"X14GA. SQ. TUBE	14'-0"
28-30	2"X14GA. SQ. TUBE	16'-0"

NOTE: 18GA. CHANNEL WILL CONNECT WITH MIN. (2) #12 SCREWS EA. SIDE

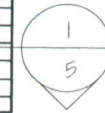


HORIZ. SIDE ELEVATION
(SCALE: NTS)

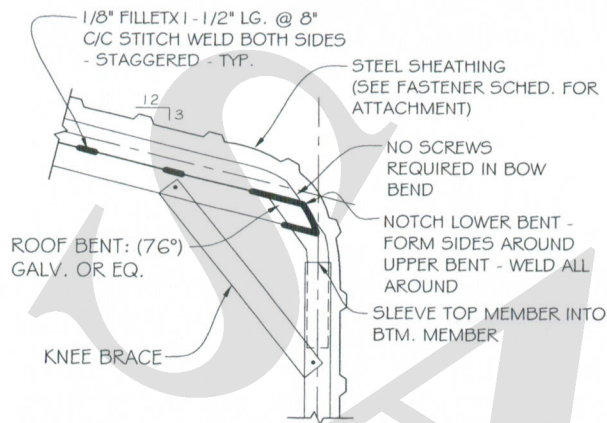


VERTICAL SIDE ELEVATION
(SCALE: NTS)

Stamped drawings will only reflect upgraded models to meet local codes



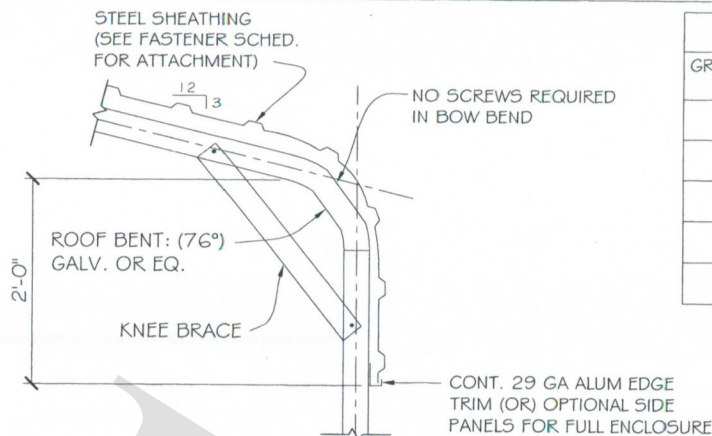
FOR:	
OWNER:	
LOCATION:	
DESCRIPTION:	
DATE:	
PROJECT NUMBER:	
DRAWN BY:	
CHECKED BY:	
DRAWING TITLE:	
SHEET NO.:	4 of 9
SEAL	
DATE SIGNED:	



REGULAR DOUBLE BOW "DB"
SECTION DETAIL

(SCALE: NTS)

1.A
3



REGULAR SINGLE BOW "SB"
SECTION DETAIL

(SCALE: NTS)

2.A
3

PURLIN SCHD.	
GROUND SNOW / LIVE LOAD	HAT CHANNEL SPACING
20 / 20	48" C/C
30 / 20	48" C/C
40 / 30	36" C/C
50 / 40	36" C/C
60 / 50	30" C/C

FOR:

OWNER:

LOCATION:

DESCRIPTION:

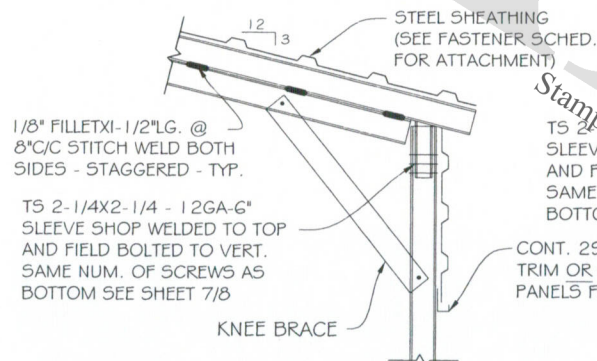
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PROJECT NUMBER:

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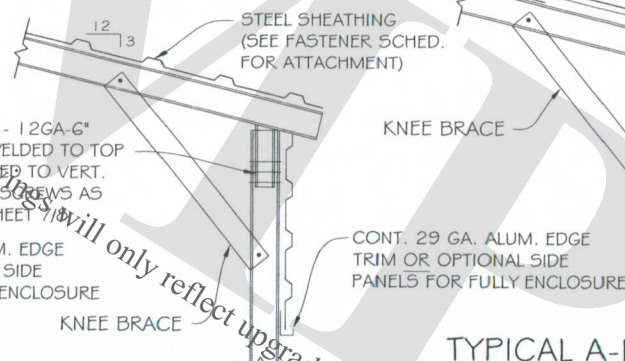
DRAWING TITLE:



A-FRAME DOUBLE BOW "DB"
SECTION DETAIL

(SCALE: NTS)

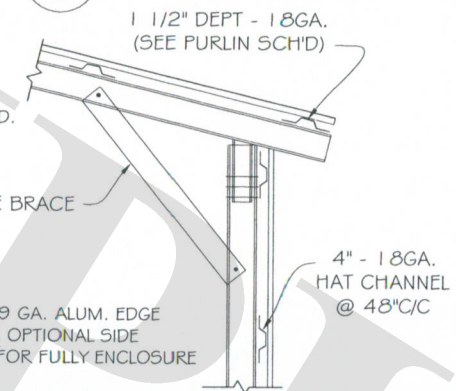
1.B
3



A-FRAME SINGLE BOW "SB"
SECTION DETAIL

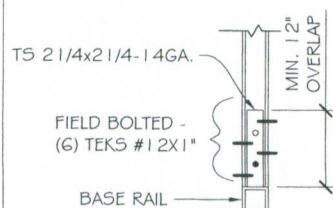
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2.B
3



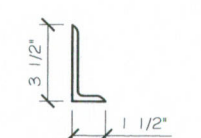
TYPICAL A-FRAME VERTICAL
SECTION DETAIL

(SCALE: NTS)



COLUMN / BASE RAIL
DETAIL

(SCALE: NTS)

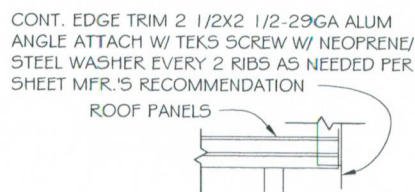


TRIM DETAIL

(SCALE: NTS)

FASTENER SCHED.

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



ROOF BENT
(SEE SCHED. FOR TUBE SIZES)

EDGE DETAIL

(SCALE: NTS)

1
4



ROOF BENT
(SEE SCHED. FOR TUBE SIZES)

EDGE DETAIL

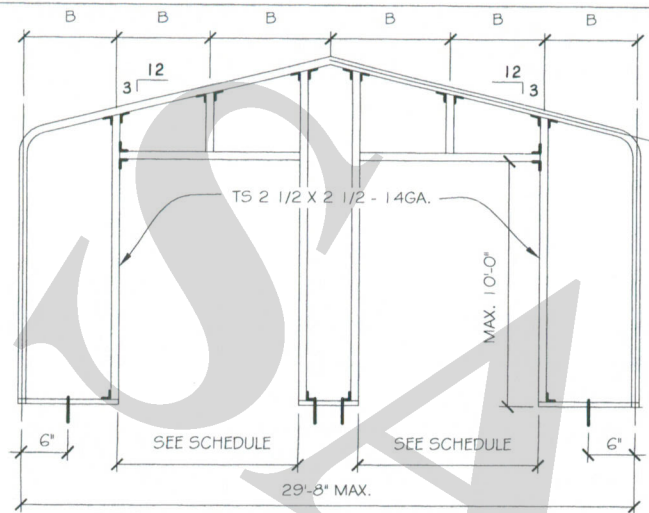
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2
4

SHEET NO.: 5 OF 9

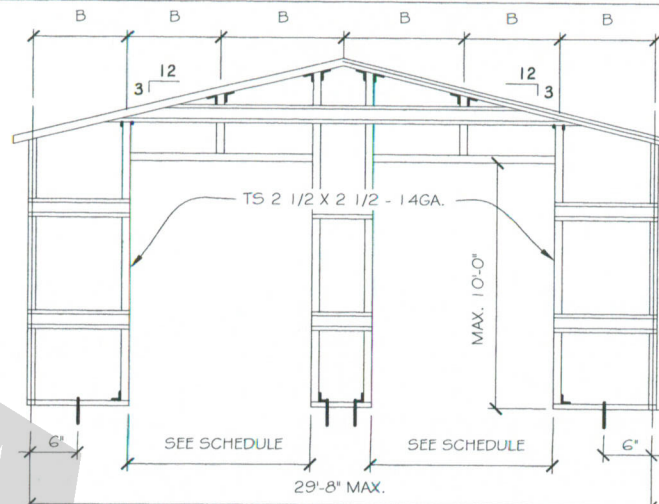
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DATE SIGNED:



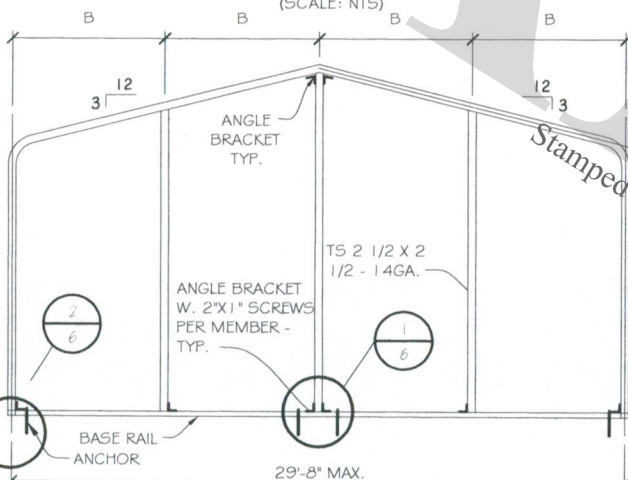
REGULAR END WALL W/ OPENINGS

(SCALE: NTS)



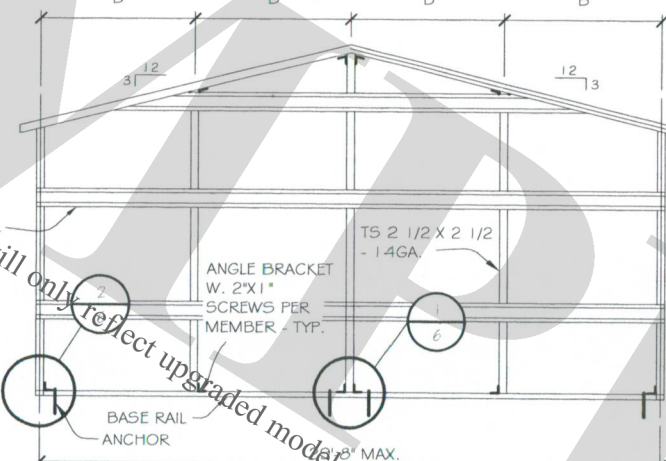
A-FRAME END WALL W/ OPENINGS

(SCALE: NTS)



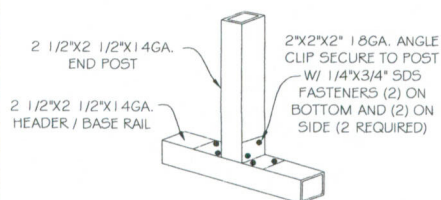
REGULAR END WALL

(SCALE: NTS)



A-FRAME END WALL

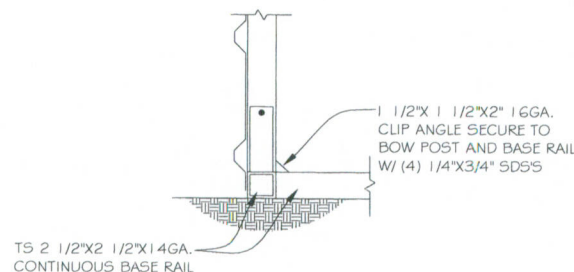
(SCALE: NTS)



SECTION 1

(SCALE: NTS)

1
6



SECTION 2

(SCALE: NTS)

2
6

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'-30'	14'	DBL TS 2 1/4X 2 1/4 - 14GA

MAX. POST SPACING 'B' (END WALL SCHEDULE)		
WIND	POST SPACING "B"	ANCHORS
90 - 110	5'-0" C/C	EVERY OTHER BAY "B"

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

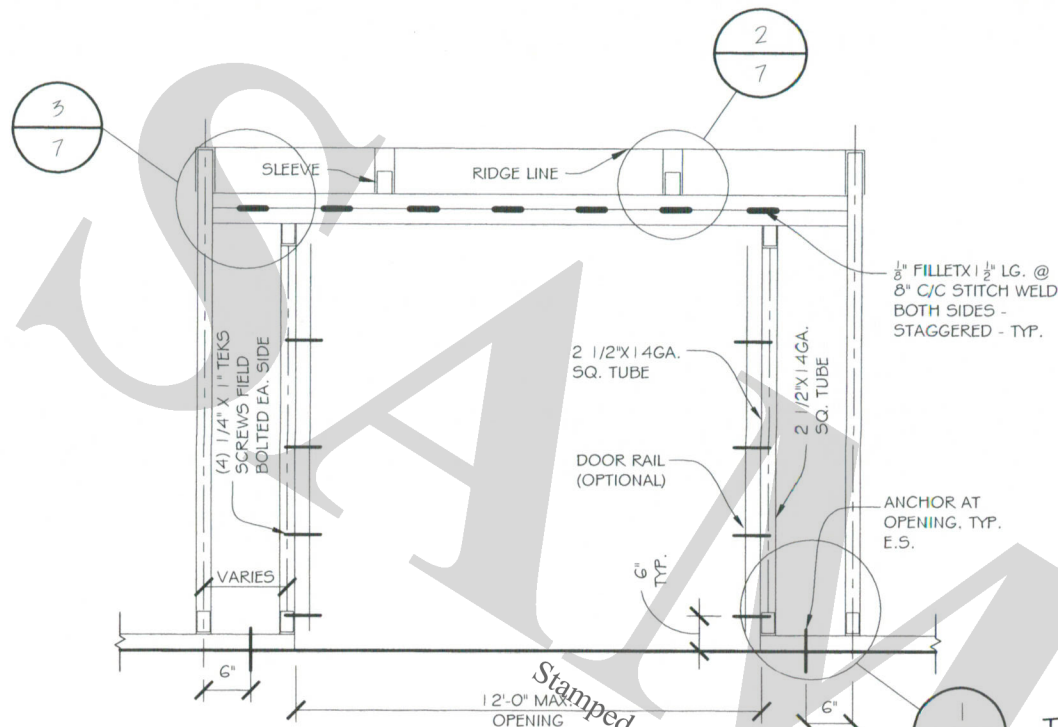
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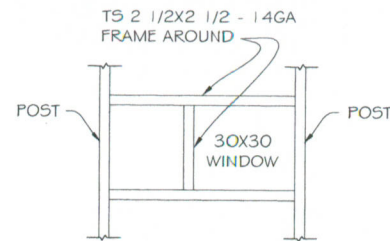
SHEET NO.: 6 of 9

SEAL

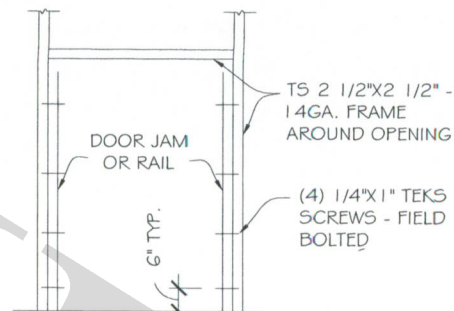
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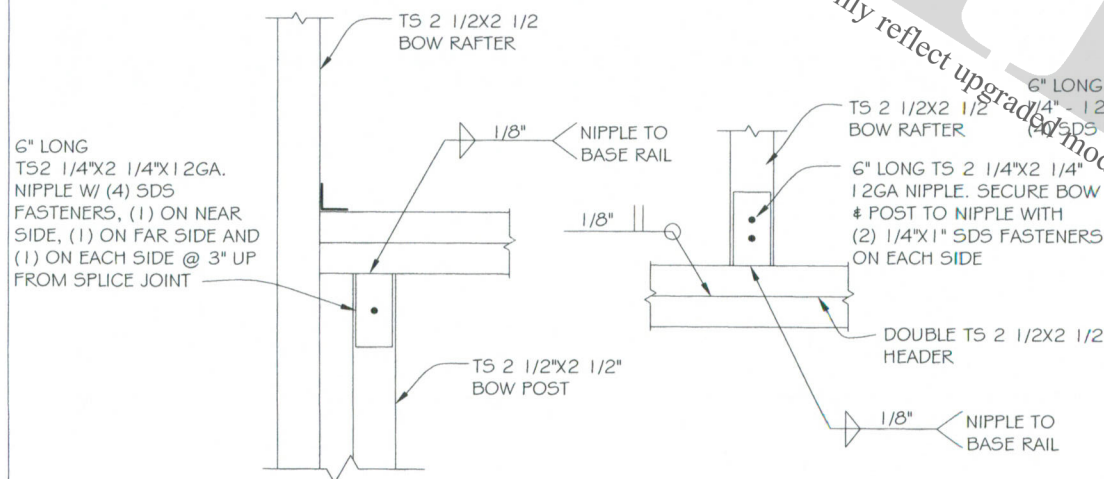
TYPICAL FRAMING AT SIDE OPENINGS
(SCALE: NTS)



TYPICAL 30X30 WINDOW FRAMING
(SCALE: NTS)



TYPICAL MAN DOOR FRAMING
(SCALE: NTS)



BOW/POST DETAIL
(SCALE: NTS)

BOW/BASE RAIL CONN. DETAIL
(SCALE: NTS)

BOW/HEADER DETAIL
(SCALE: NTS)

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

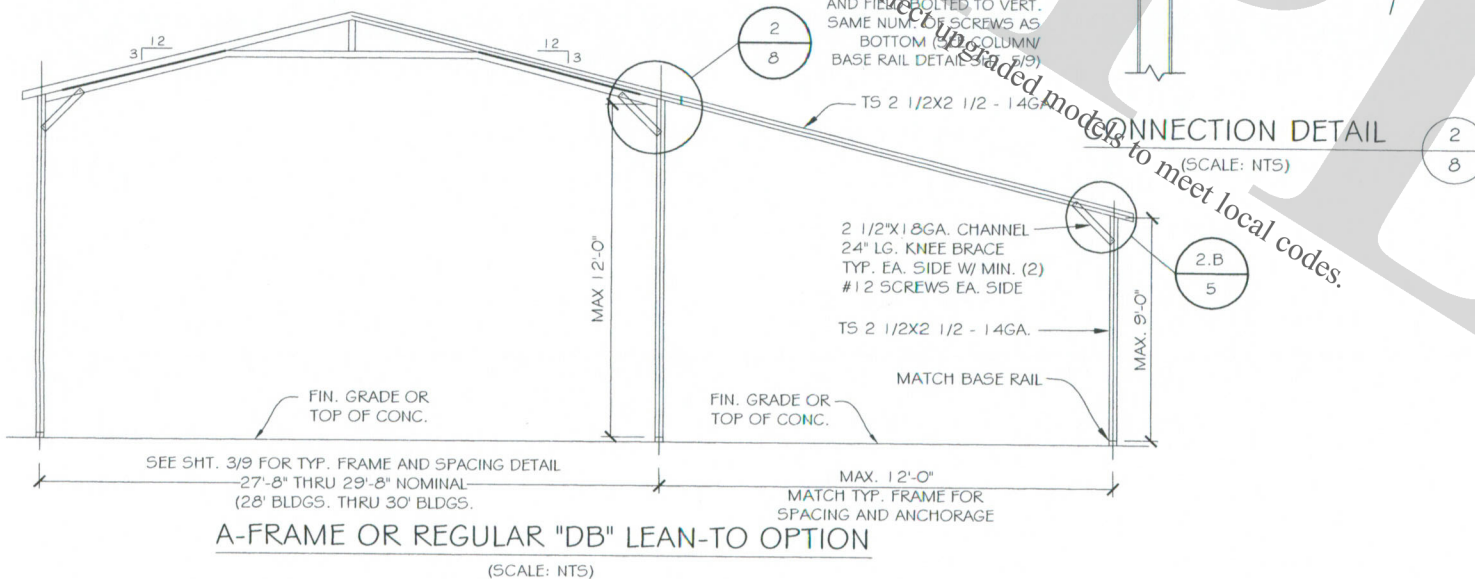
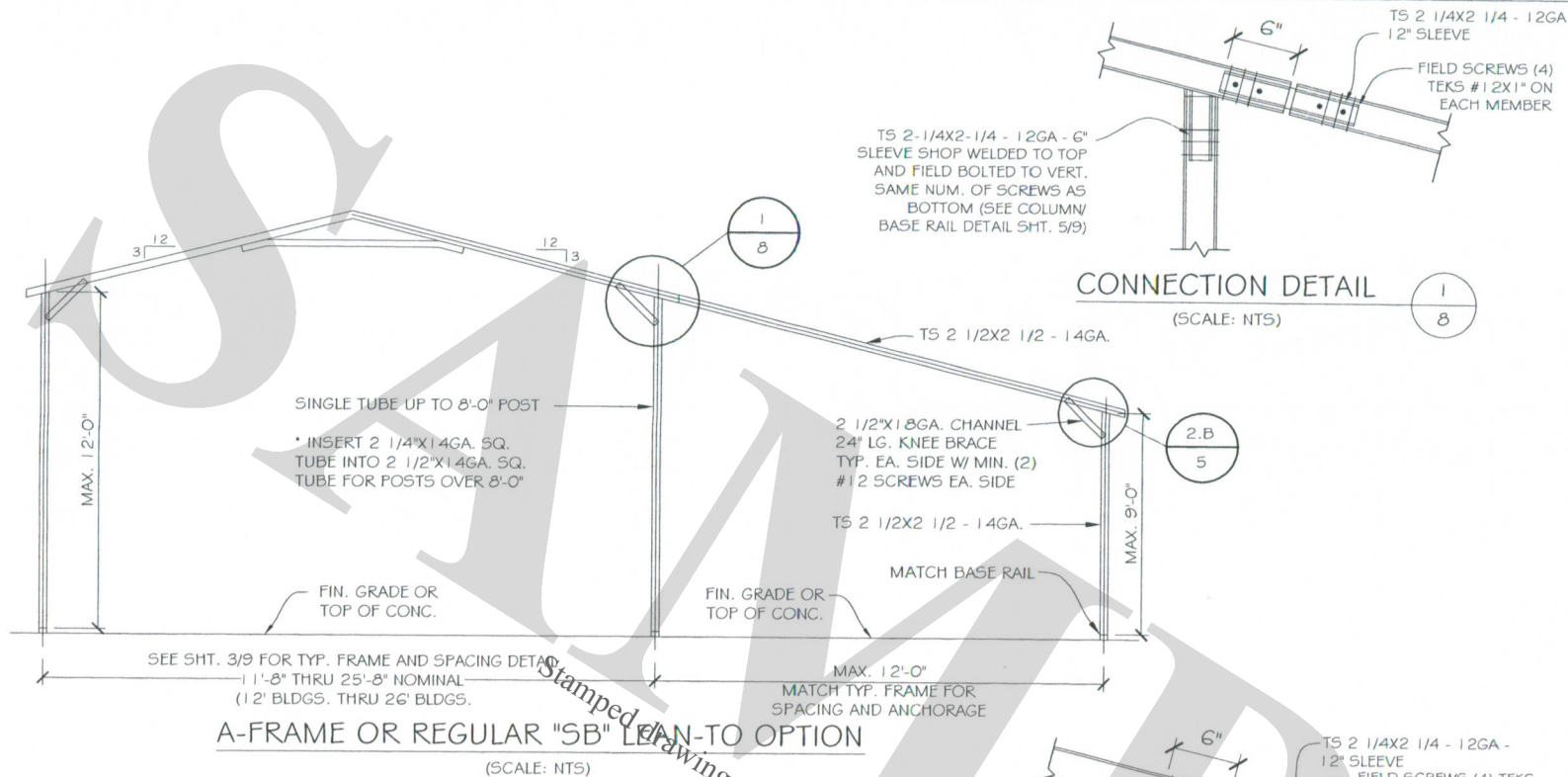
CHECKED BY:

DRAWING TITLE:

SHEET NO 7 of 9

SEAL

DATE SIGNED:



FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

CHECKED BY:

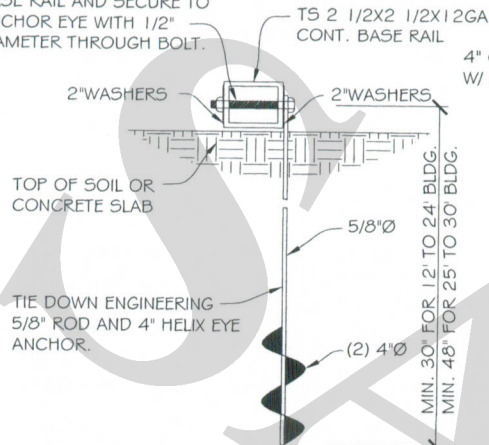
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SHEET NO.: 8 of 9

SEAL

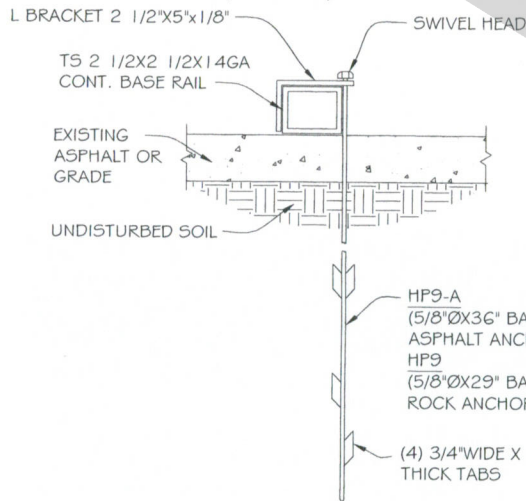
DATE SIGNED:

DRILL 5/8" HOLE THROUGH THE
BASE RAIL AND SECURE TO
ANCHOR EYE WITH 1/2"
DIAMETER THROUGH BOLT.



OPTIONAL MOBILE HOME ANCHOR FOR SAND/CLAY

(SCALE: NTS)



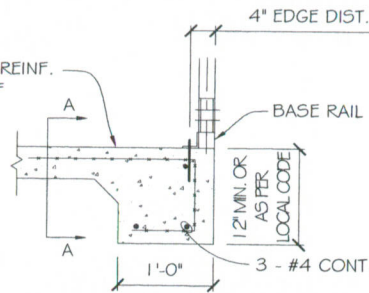
OPTIONAL ASPHALT/ ROCK ANCHOR DETAIL

(SCALE: NTS)

ANCHOR SIZE OPTIONS SCHEDULE

	WIND SPEED (MPH)	REMARKS	CARPORT WIDTH
	90 - 110		
1	1/2"ØX20"	THRD. ROD EMBED IN CONC	ALL SIZES
2	1/2"ØX7"	INSERT W/ EPOXY IN CONC.	ALL SIZES
3	1/2"ØX7"	EXPANSION BOLTS	ALL SIZES
4	1/2"ØX7"	WEDGE ANCHORS IN CONC.	ALL SIZES

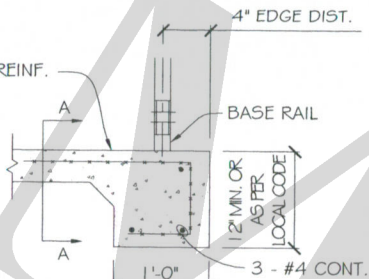
4" CONC. SLAB REINF.
W/ 6X6-G/G WWF



BASE OPTIONAL ANCHOR ON CONC. SLAB SECTION

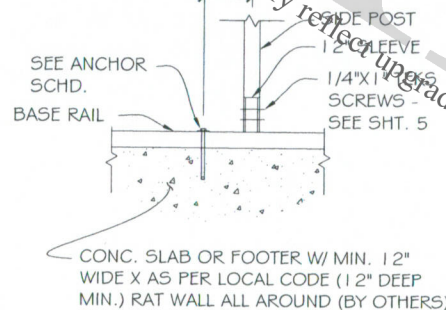
(SCALE: NTS)

4" CONC. SLAB REINF.
W/ 6X6-G/G WWF



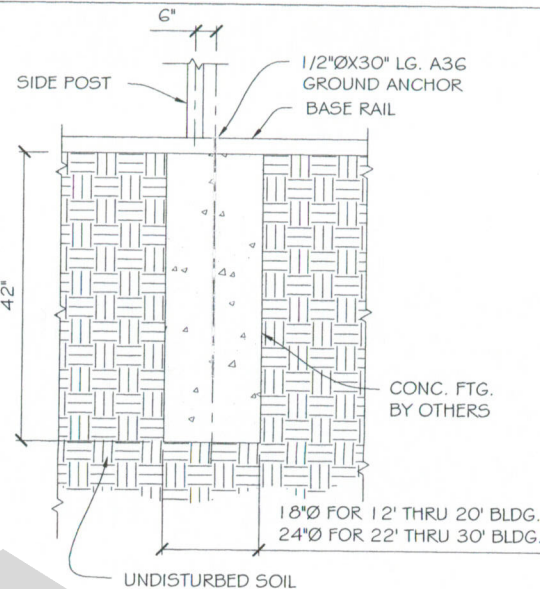
ALTERNATE, FRAME FLUSH W/ CONC.

(SCALE: NTS)



SECTION A-A

SCALE: NTS



PIN ANCHOR DETAIL ON CONCRETE PIER FOOTING

(SCALE: NTS)

NOTE:

ON LEVEL GRADE, DIG A 24"Ø HOLE 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
2

SOIL DESCRIPTION
VERY DENSE #1 OR CEMENTED
SANDS, COURSE GRAVEL AND
COBBLES, COLLICHE, PRELOADED
SILTE AND CLAYS
MEDIUM DENSE COARSE SANDS,
SANDY GRAVELS, VERY STIFF SILTS,
AND CLAYS
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"

NOTE:

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

WEST COAST METAL BLDGS. IS NOT RESPONSIBLE FOR
GROUND AND/OR CONCRETE (SUPPLIED BY OTHERS)
ASPHALT/ROCK ANCHORS (OPTIONAL ANCHOR TYPE)

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

CHECKED BY:

DRAWING TITLE:

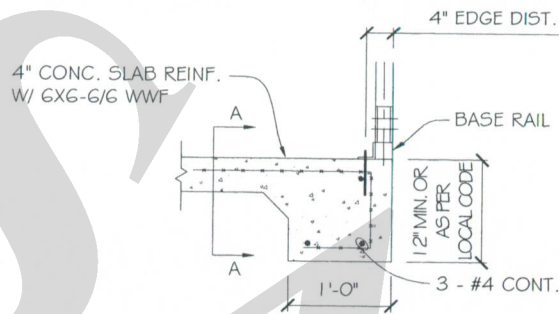
SHEET NO.:

9 OF 9

SEAL

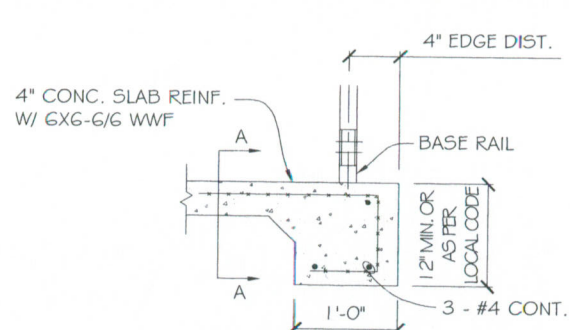
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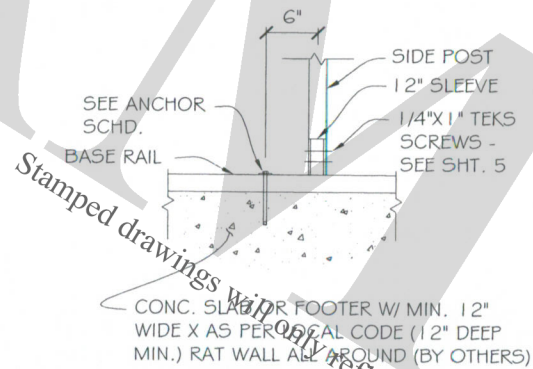
ALTERNATE, FRAME
FLUSH W/ CONC.

(SCALE: NTS)



BASE OPTIONAL ANCHOR
ON CONC. SLAB SECTION

(SCALE: NTS)



SECTION A-A

SCALE: NTS

ANCHOR SIZE OPTIONS SCHEDULE

	WIND SPEED (MPH)	BASE ANCHOR	ALTERNATE ANCHOR	REMARKS	CARPORT WIDTH
	90 - 110	90 - 120	90 - 120		
1	1 1/2"Ø	7"	5"	INSERT W/ EPOXY IN CONC.	ALL SIZES
2	1 1/2"Ø	7"	5"	EXPANSION BOLTS	ALL SIZES
3	1 1/2"Ø	7"	5"	WEDGE ANCHORS IN CONC.	ALL SIZES

WEST COAST METAL BLDGS. IS NOT RESPONSIBLE
FOR CONCRETE (SUPPLIED BY OTHERS)

NOTE:

1. PROVIDE A MIN. OF (1) ANCHOR AT $\pm 6"$ 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

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

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DRAWING TITLE:

SHEET NO.: 9 OF 9

SEAL

DATE SIGNED:

DRILL 5/8" HOLE THROUGH
THE BASE RAIL AND
SECURE TO ANCHOR EYE
WITH 1/2" DIAMETER
THROUGH BOLT.

TS 2 1/2X2 1/2X12GA
CONT. BASE RAIL

2"WASHERS

2"WASHERS

TOP OF SOIL OR
CONCRETE SLAB

TIE DOWN ENGINEERING
5/8" ROD AND 4" HELIX
EYE ANCHOR.

5/8"Ø
MIN. 30" FOR 12' TO 24' BLDG.
MIN. 48" FOR 25' TO 30' BLDG.

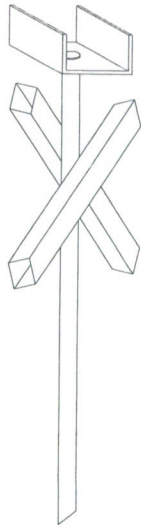
(2) 4"Ø

MOBILE HOME ANCHOR FOR SAND/CLAY

(SCALE: NTS)

NOTE:

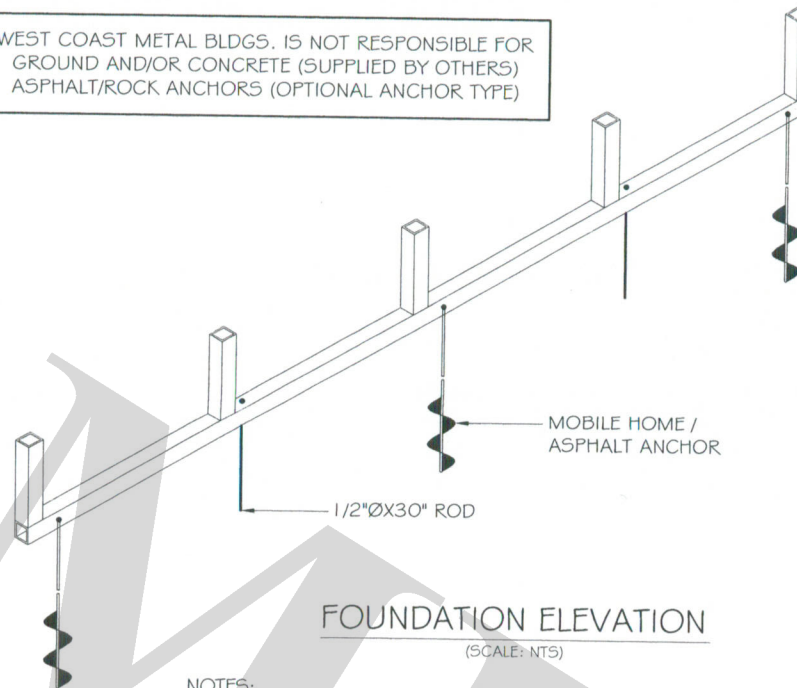
HELICAL ANCHORS ARE NOT TO BE USED IF DRIVING TORQUE
INTO GROUND IS LESS THAN 150 FT-LBS OR DON'T MEET ONE
OF THE FOLLOWING SOIL CLASSIFICATIONS.



OPTIONAL MMA-35 CROSS DRIVE ANCHOR W/ 23/32"ØX33" RODS

(SCALE: NTS)

WEST COAST METAL BLDGS. IS NOT RESPONSIBLE FOR
GROUND AND/OR CONCRETE (SUPPLIED BY OTHERS)
ASPHALT/ROCK ANCHORS (OPTIONAL ANCHOR TYPE)



FOUNDATION ELEVATION

(SCALE: NTS)

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 1/2"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

- | SOIL CLASS | SOIL DESCRIPTION |
|------------|---|
| 2 | VERY DENSE #7 OR CEMENTED
SANDS, COURSE GRAVEL AND
COBBLES, COLLICHE, 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"

FOR:

OWNER:

LOCATION:

DESCRIPTION:

DATE:

PROJECT NUMBER:

DRAWN BY:

CHECKED BY:

DRAWING TITLE:

SHEET NO.:

9 OF 9

SEAL

DATE SIGNED: