

CONCRETE SLAB FOUNDATION NOTES:

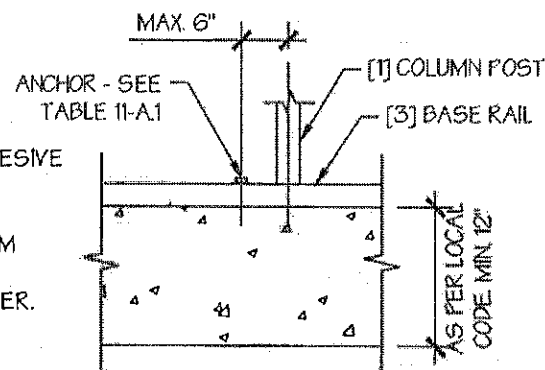
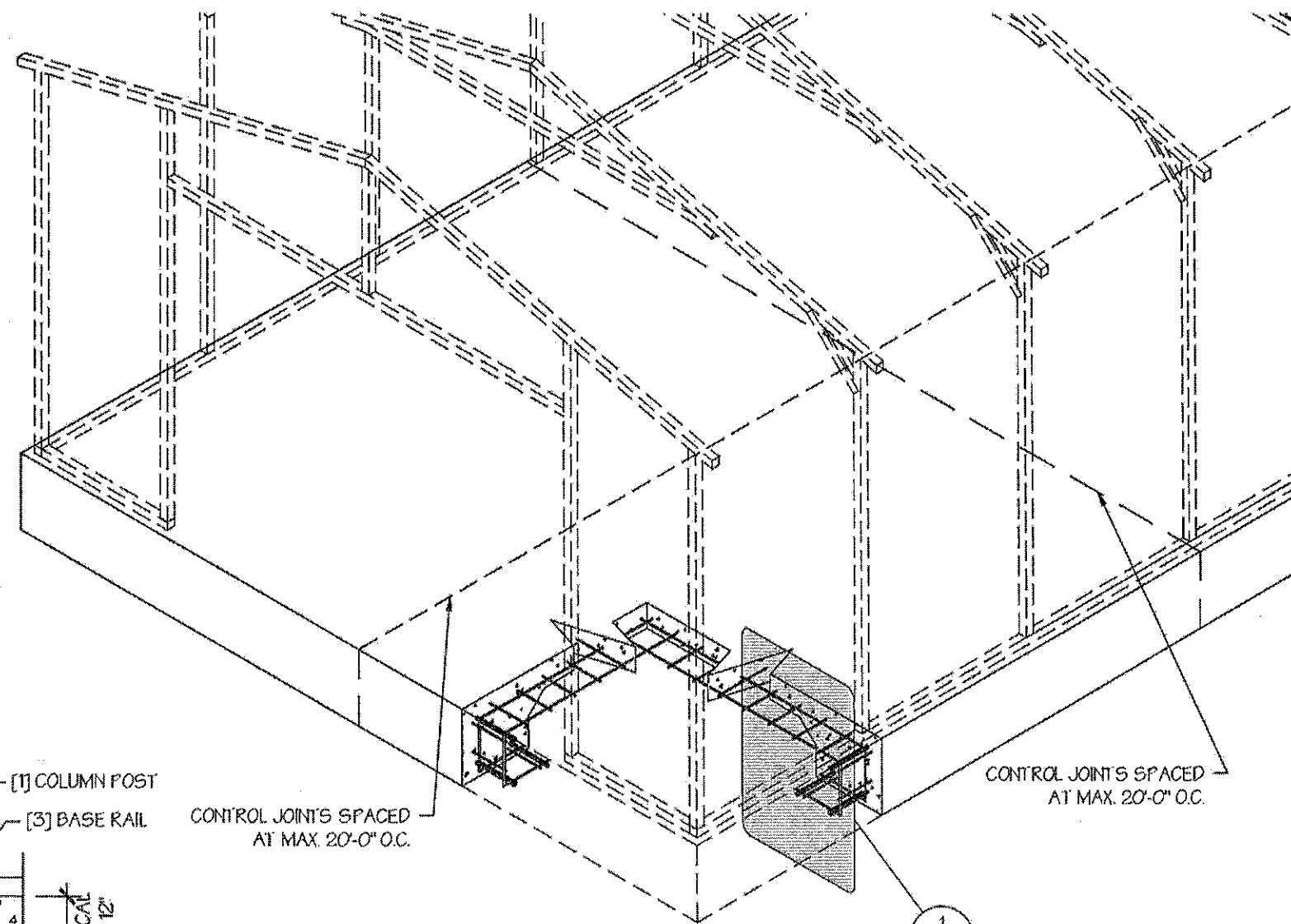
- DESIGN SHOWN ON THIS SHEET ARE FOR CONCRETE SLAB FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 10-13 CAN BE USED.
- FOR OPTION 2 THE MIN. SLAB SIZE SHALL BE EQUAL TO THE SIDE DIMENSIONS OF THE BUILDING DIMENSIONS.
- CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNER OF ENCLOSED BUILDINGS WITH END WALLS, ONE ON EACH BASE RAIL.
- CONCRETE ANCHORS CAN BE ANY ONE OF THE OPTIONS LISTED IN TABLE 11-A.1
- DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
- CONTROL JOINTS SHALL BE SPACED NO MORE 20 IN EACH DIRECTION.
- ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
- CONCRETE STRENGTH TO BE A MIN OF 3,000 PSI @ 28 DAYS.

TABLE 11-A.1: CONCRETE SLAB ANCHOR SCHEDULE

WIND SPEED (MPH)	ANCHOR SIZE
90 TO 120	1/2" X 7"
130 TO 150	5/8" X 7"

NOTES:

- EXPANSION ANCHORS, WEDGE ANCHORS OR ADHESIVE ANCHORS MAY BE USED.
- MIN. EMBEDMENT DEPTH TO BE 4".
- ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.
- ALL ANCHORS TO BE A307 EQUIVALENT OR BETTER.



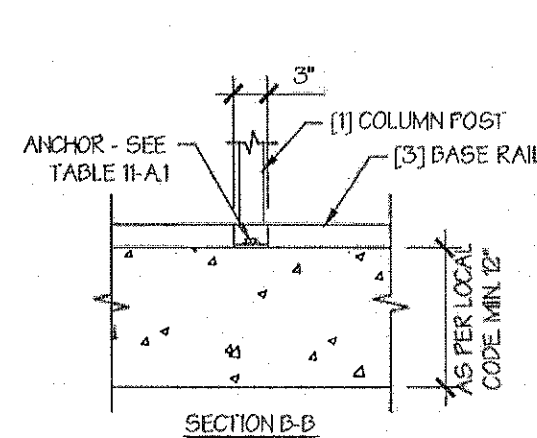
CONTROL JOINTS SPACED AT MAX. 20'-0" O.C.

CONTROL JOINTS SPACED AT MAX. 20'-0" O.C.

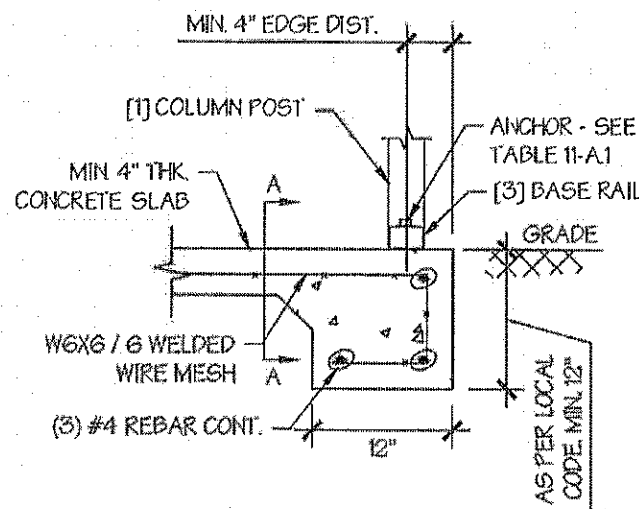
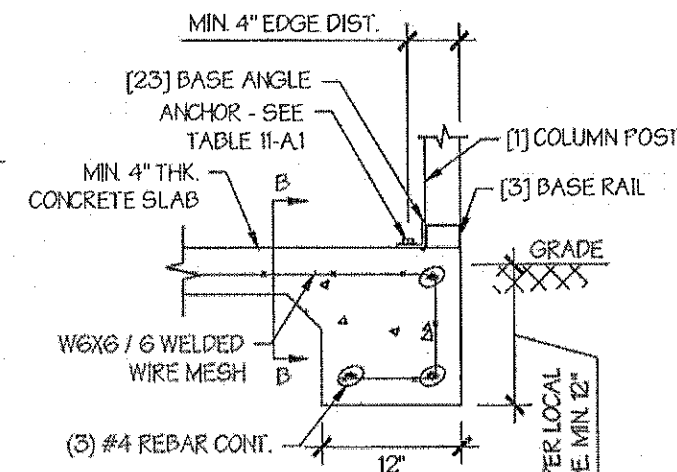
CONCRETE SLAB FOUNDATION

SCALE: NTS

NOTE: ROOF IS 1' LONGER THAN FRAME.



OPTION 2: EDGE FLUSH DETAIL
SCALE: NTS



OPTION 1: EDGE OFFSET DETAIL
SCALE: NTS

MANUFACTURED BY:



1804 River Street
Wilkesboro, NC 28697

DRAWING INFORMATION

PROJECT: 12' TO 30' WIDE BUILDINGS

LOCATION:

PROJECT NO.:
SHEET TITLE:

FOUNDATION OPTION 1:
CONCRETE SLAB

SHEET NO.: 10 / 15

DRAWN BY: IZM DATE:

CHECKED BY: OAA DATE:

FOR REFERENCE ONLY

CONCRETE SLAB FOUNDATION NOTES:

1. DESIGN SHOWN ON THIS SHEET ARE FOR CONCRETE STRIP FOUNDATION. ANY OF THE FOUNDATIONS SHOWN ON SHEETS 10-13 CAN BE USED.
2. CONCRETE ANCHORS SHALL BE LOCATED NEXT TO EVERY POST AND ON EITHER SIDE OF OPENINGS. TWO ANCHORS SHALL BE INSTALLED AT CORNER OF ENCLOSED BUILDINGS WITH END WALLS - ONE ON EACH BASE RAIL.
3. DEPTH OF CONCRETE STRIP FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
4. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
5. CONCRETE STRENGTH TO BE A MIN OF 3,000 PSI @ 28 DAYS.

NOTE: ROOF IS 1' LONGER THAN FRAME.

TABLE 11-B.1: CONCRETE STRIP ANCHOR SCHEDULE

WIND SPEED (MPH)	ANCHOR SIZE
90 TO 120	5/8"
130 TO 150	3/4"

NOTES:

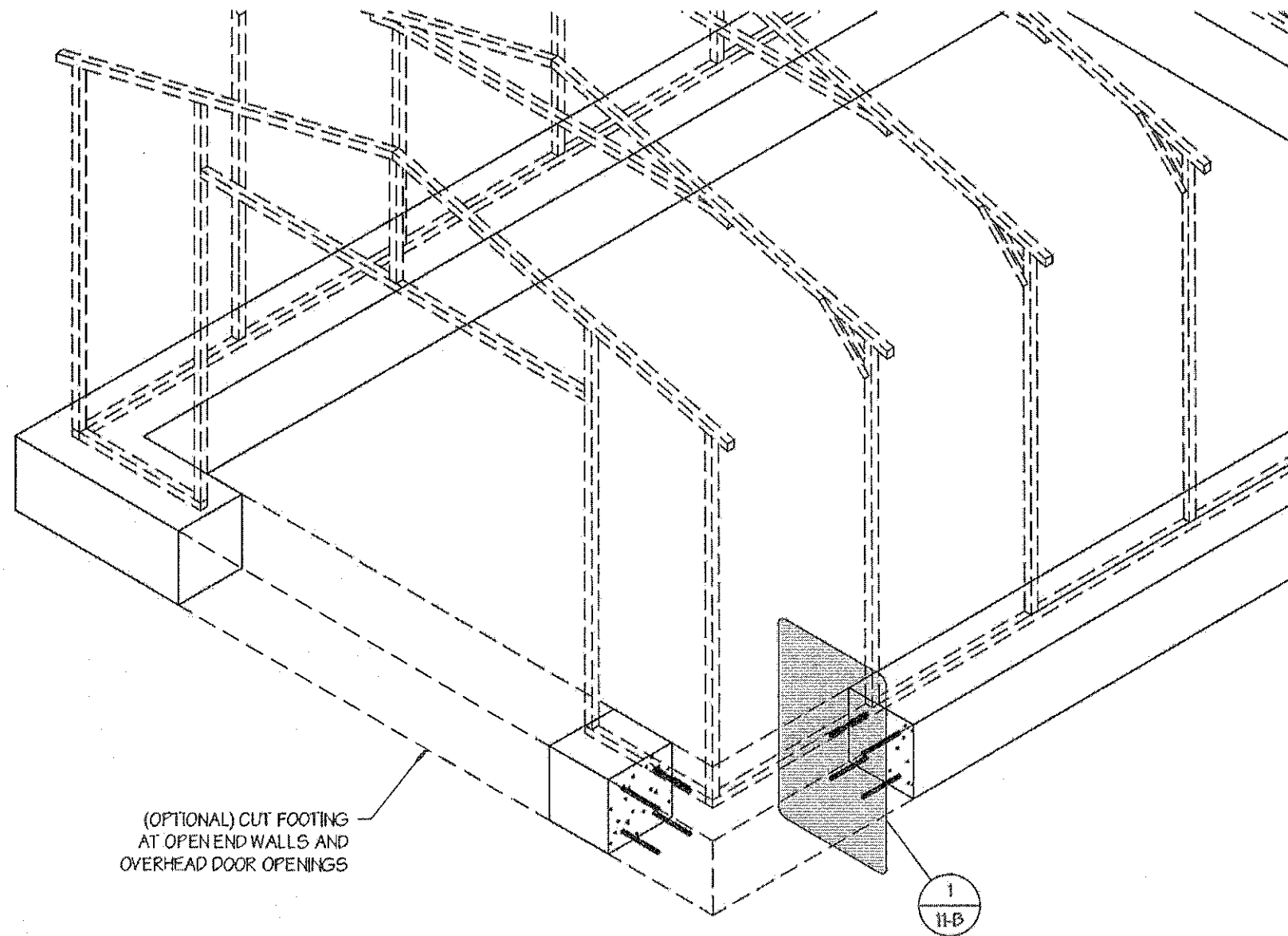
1. EXPANSION ANCHORS, WEDGE ANCHORS OR ADHESIVE ANCHORS MAY BE USED.
2. MIN. EMBEDMENT DEPTH TO BE 4". ANCHORS SHOULD TO BE LONG ENOUGH TO ACHIEVE MIN. EMBED.
3. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.
4. ALL ANCHORS TO BE A307 EQUIVALENT OR BETTER.

TABLE 11-B.2: CONC. STRIP SCHEDULE

WIND SPEED (MPH)	FRAME WIDTH	
	12 TO 22'	24 TO 30'
90 TO 110	12" X 12"	14" X 12"
120 TO 130	18" X 12"	21" X 12"
140 TO 150	26" X 12"	30" X 12"
	21" X 15"	24" X 15"
	18" X 18"	20" X 18"

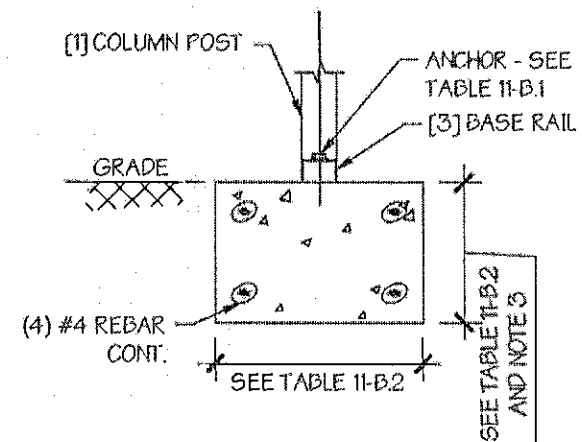
NOTES:

1. WIDTH AND DEPTH DIMENSIONS CAN BE INTERCHANGED.



CONCRETE STRIP FOUNDATION

SCALE: NTS



CONCRETE STRIP FOUNDATION DETAIL

SCALE: NTS

MANUFACTURED BY:



1804 River Street
Wilkesboro, NC 28697

DRAWING INFORMATION

PROJECT: 12' TO 30' WIDE BUILDINGS

LOCATION:

PROJECT NO.:
SHEET TITLE:

FOUNDATION OPTION 2:
CONCRETE STRIP

SHEET NO.: 11 / 15

DRAWN BY: IZM DATE:

CHECKED BY: OAA DATE:

FOR REFERENCE ONLY

MANUFACTURED BY:

PSG CUSTOM
FABRICATION

1804 River Street
Wilkesboro, NC 28697

DRAWING INFORMATION

PROJECT: 12' TO 30' WIDE BUILDINGS

LOCATION: _____

PROJECT NO.: _____

SHEET TITLE: _____

FOUNDATION OPTION 3:
CONCRETE PIERS

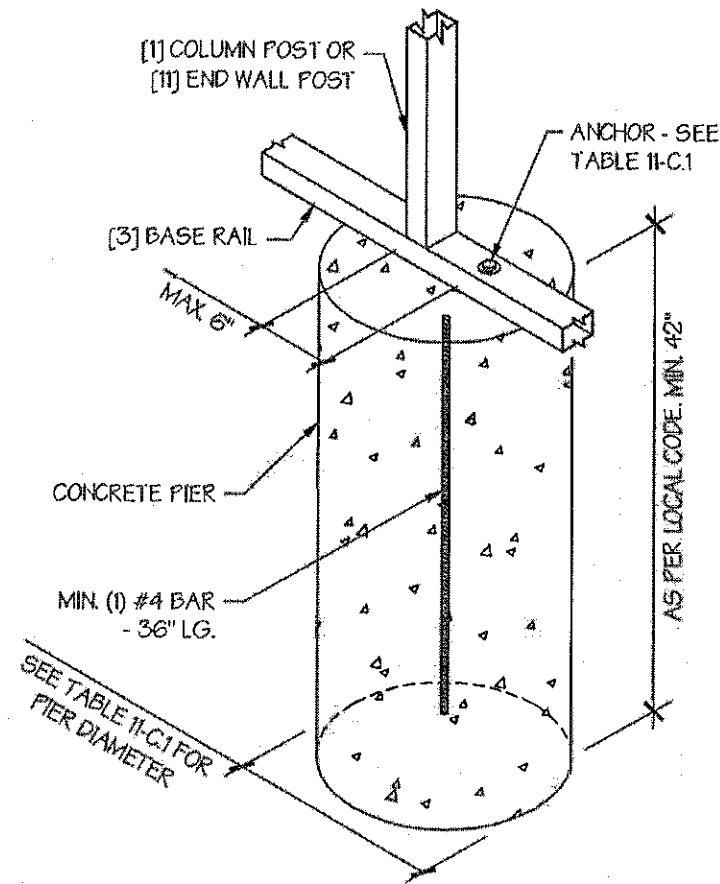
SHEET NO.: 12 / 15

DRAWN BY: IZM DATE: _____

CHECKED BY: OAA DATE: _____

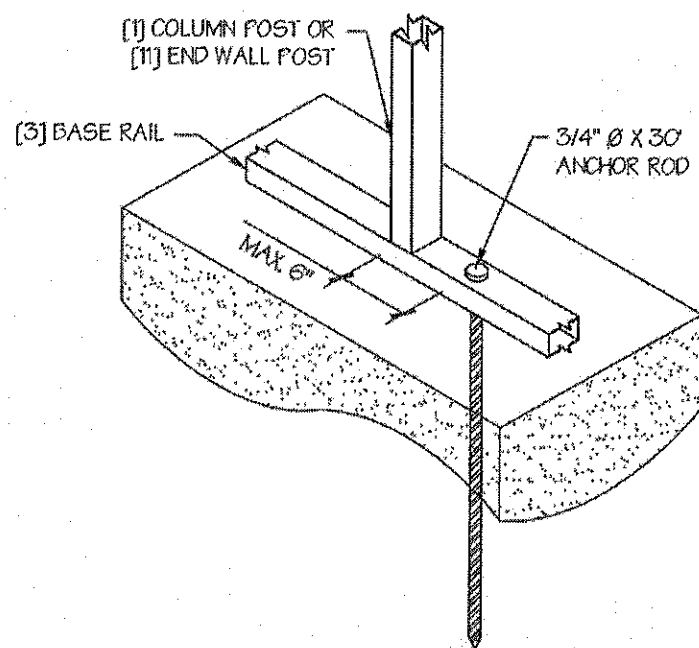
TABLE 11-C.1: CONC. PIER SCHEDULE

WIND SPEED (MPH)	FRAME WIDTH	
	12' to 22'	24' to 30'
90 TO 110	18"Ø X 42"	24"Ø X 30"
120 TO 130	18"Ø X 54"	24"Ø X 45"
140 TO 150	18"Ø X 66"	24"Ø X 54"

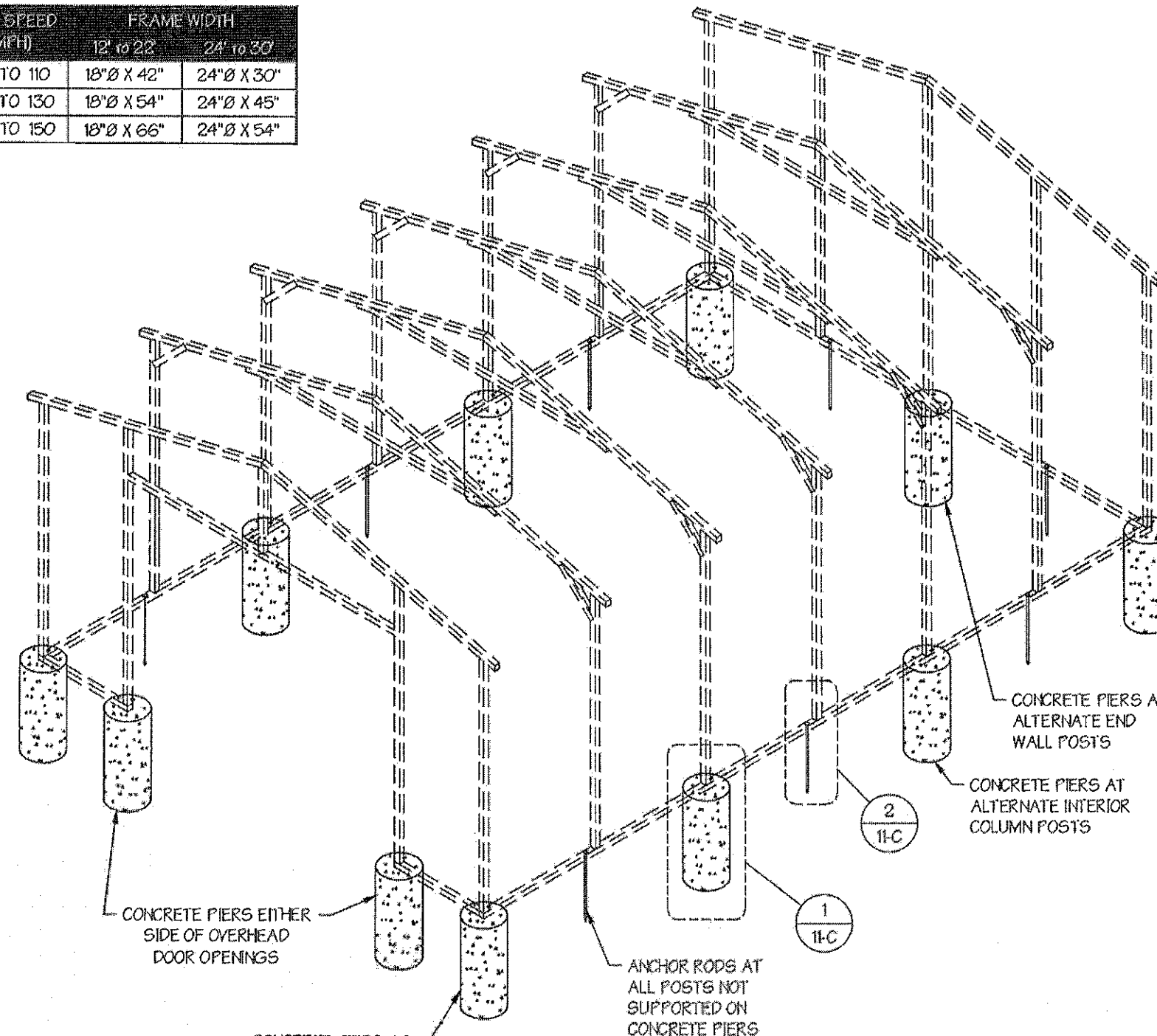


CONCRETE PIER DETAIL 1
SCALE: NTS

NOTE: ROOF IS 1' LONGER THAN FRAME.



ANCHOR ROD INTO SOIL DETAIL 2
SCALE: NTS



CONCRETE SLAB FOUNDATION
SCALE: NTS

CONCRETE PIER FOUNDATION NOTES:

1. CONCRETE PIERS SHALL BE LOCATED AT ALL 4 CORNERS, ON EACH SIDE OF OVERHEAD DOOR OPENINGS AND ON ALTERNATE INTERIOR COLUMN POSTS AND END WALLS POSTS.
2. PIERS SHALL BE FORMED BY DIGGING A HOLE OF THE SAME SIZE AS THE PIER ON LEVEL GRADE AND FILLING WITH CONCRETE. THRD. ROD ANCHORS SHOULD BE DROPPED INTO THE PIERS PRIOR TO POURING THE CONCRETE.
3. ALL POSTS NOT SUPPORTED ON CONCRETE PIERS SHALL BE ANCHORED TO THE GROUND WITH A 1/2" X 30" LG. THREADED ROD. RODS WILL HAVE A WELDED NUT AT THE TOP AND ONE COAT OF RUST PROOF PRIMER.
4. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
5. CONCRETE STRENGTH TO BE A MIN OF 3,000 PSI @ 28 DAYS.

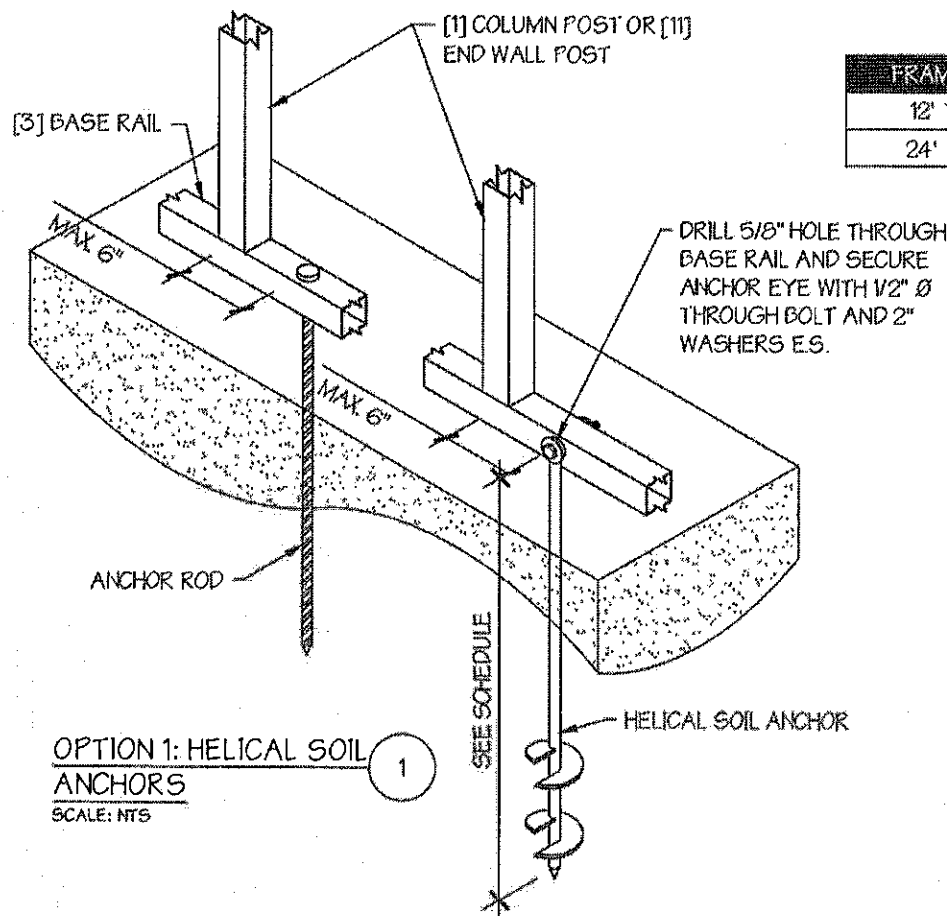
TABLE 11-C.2: CONCRETE PIER ANCHOR SCHEDULE

WIND SPEED (MPH)	ANCHOR SIZE
90 TO 120	1/2"Ø X 7"
130 TO 150	5/8"Ø X 7"

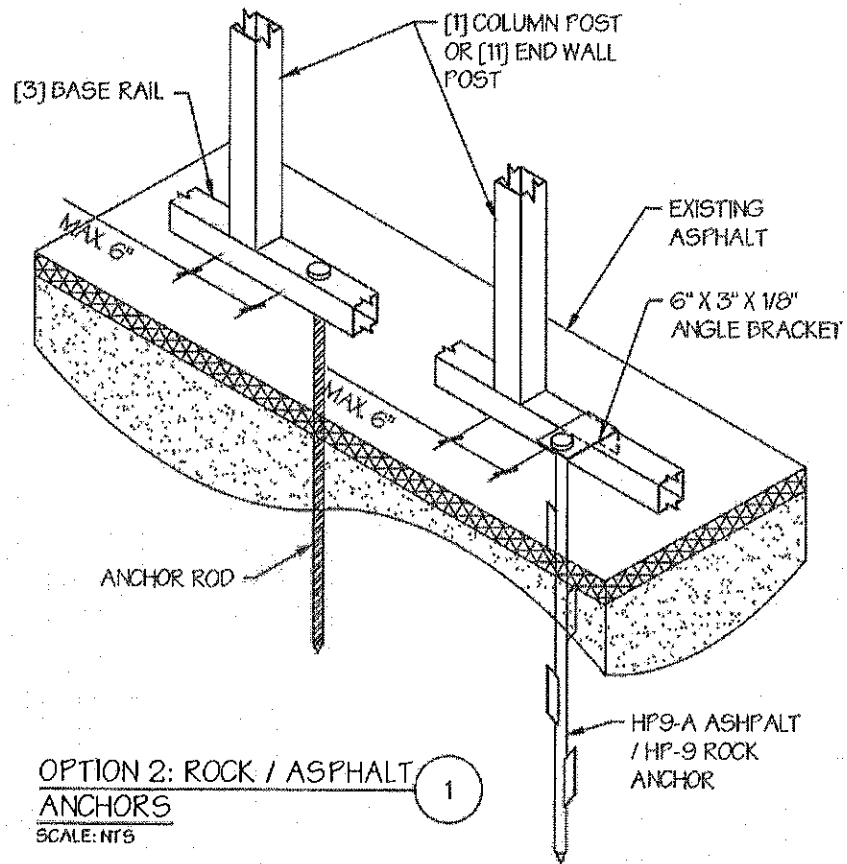
NOTES:

1. EXPANSION ANCHORS, WEDGE ANCHORS OR ADHESIVE ANCHORS MAY BE USED.
2. MIN. EMBEDMENT DEPTH TO BE 4".
3. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.
4. ALL ANCHORS TO BE A307 EQUIVALENT OR BETTER.

FOR REFERENCE ONLY



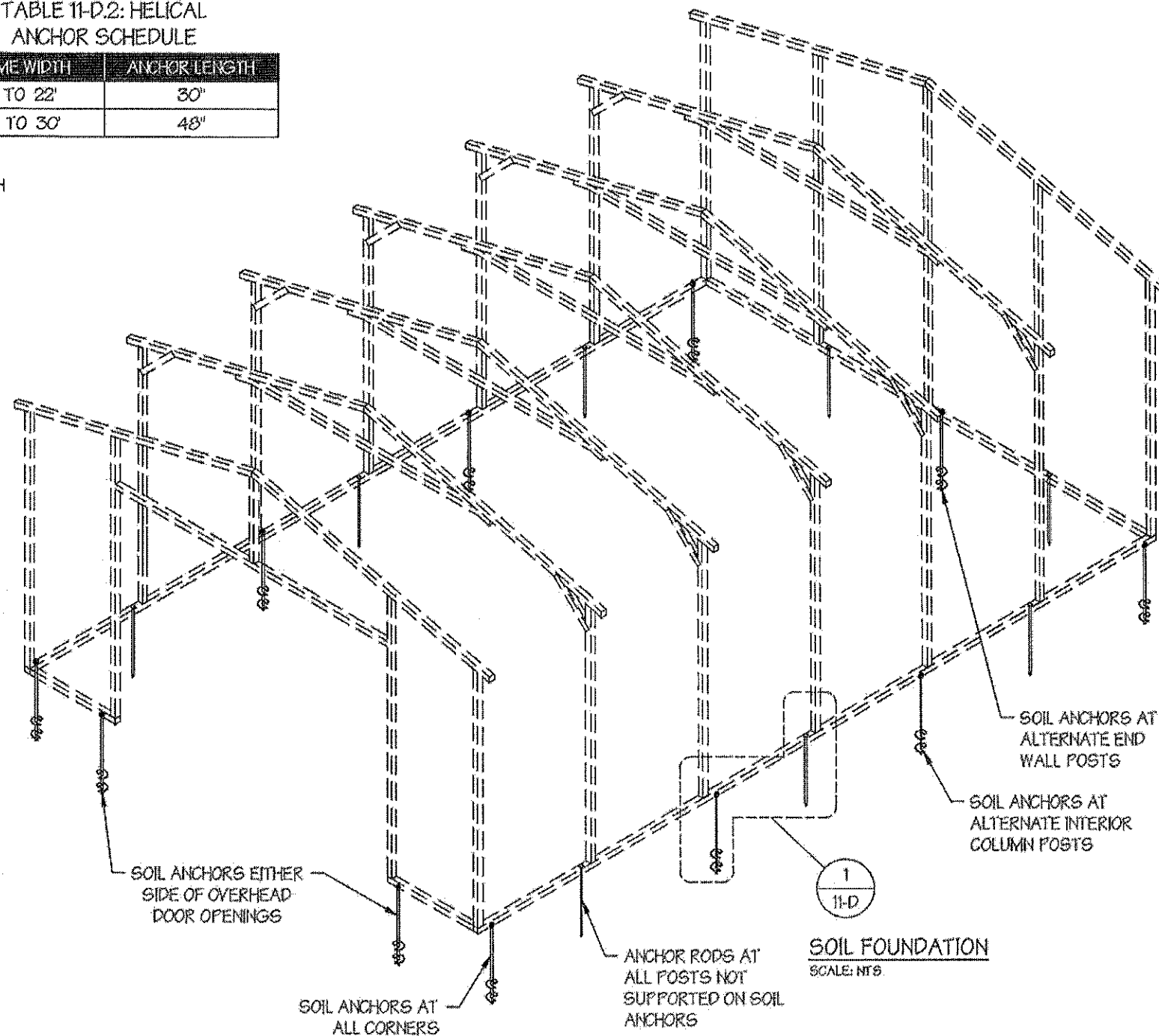
OPTION 1: HELICAL SOIL ANCHORS
SCALE: NTS



OPTION 2: ROCK / ASPHALT ANCHORS
SCALE: NTS

TABLE 11-D.2: HELICAL ANCHOR SCHEDULE

FRAME WIDTH	ANCHOR LENGTH
12' TO 22'	30"
24' TO 30'	48"



SOIL FOUNDATION
SCALE: NTS

SOIL FOUNDATION NOTES:

1. SOIL ANCHORS (HELICAL OR ROCK/ASPHALT) SHALL BE LOCATED AT ALL 4 CORNERS, ON EACH SIDE OF OVERHEAD DOOR OPENINGS AND ON ALTERNATE INTERIOR COLUMN POSTS AND END WALLS POSTS.
2. HELICAL ANCHORS ARE TO BE USED ONLY IF THE DRIVING TORQUE INTO THE GROUND IS 150 FT-LBS OR GREATER. MANUFACTURER IS NOT RESPONSIBLE FOR SOIL QUALITY AT SITE.
3. HELICAL ANCHORS CAN ONLY BE USED FOR CLASS 2, 3 & 4 SOILS (SEE SOIL CLASSIFICATIONS THIS PAGE).
4. ALL POSTS WITH NO ANCHORS ADJACENT SHALL BE ANCHORED TO THE GROUND WITH A 1/2" X 30" LG. ROD. RODS WILL HAVE A WELDED NUT AT THE TOP AND ONE COAT OF RUST PROOF PRIMER.
5. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.

SOIL CLASSIFICATIONS:

SOIL CLASS	DESCRIPTION
2	SANDY GRAVEL AND GRAVEL, VERY THIN DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL/COBBLES, PRELOADED SILTS, CLAYS AND CORAL.
3	SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, MEDIUM DENSE COARSE SANDS, SANDY GRAVEL, VERY STIFF SILT AND SANDY CLAYS.
4	LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS AND ALLUVIAL FILLS.

"FROM HUD "MODEL MANUFACTURED HOME INSTALLATION STANDARDS"

MANUFACTURED BY:

PSG CUSTOM
FABRICATION

1804 River Street
Wilkesboro, NC 28697

DRAWING INFORMATION

PROJECT: 12' TO 30' WIDE BUILDINGS

LOCATION:

PROJECT NO.:

SHEET TITLE:

FOUNDATION OPTION 4:
SOIL ANCHORS

SHEET NO.: 13 / 15

DRAWN BY: IZM DATE:

CHECKED BY: OAA DATE:

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