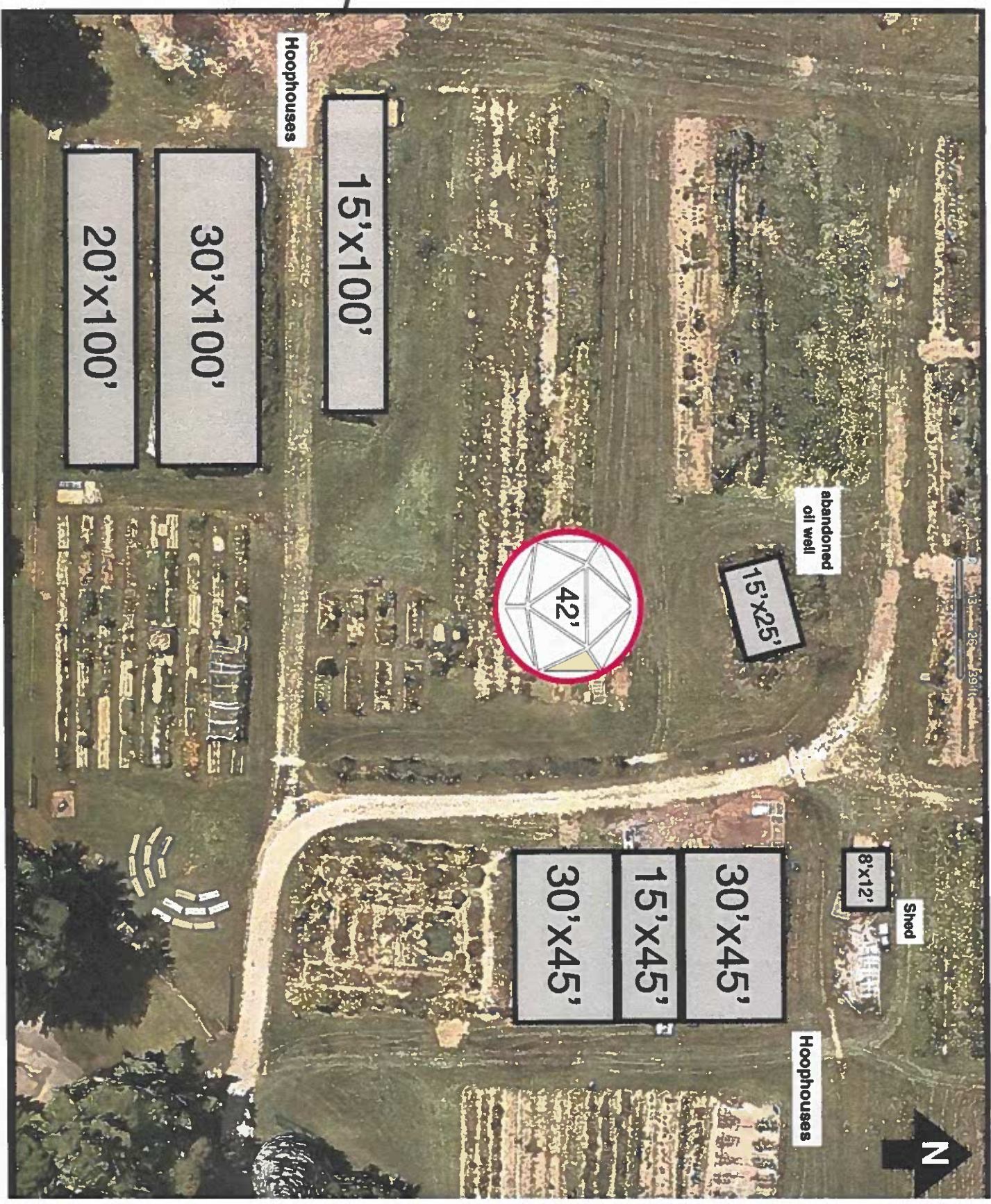
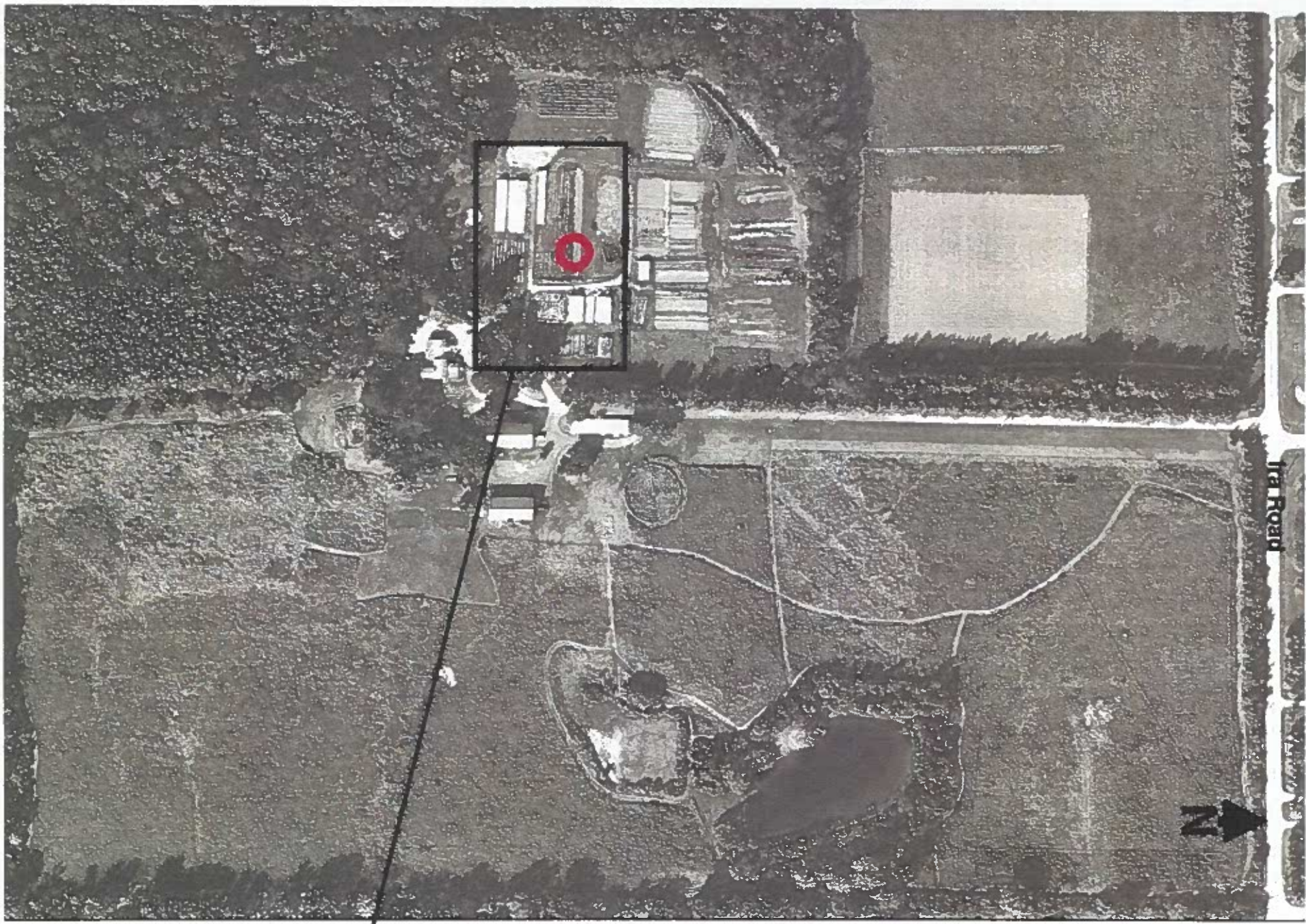


BZA.26.18

Crown Point Ecology Center
3220 Ira Rd. Akron, Oh. 44333
Geodesic Dome Greenhouse
Jim Matalik: 330-808-0626



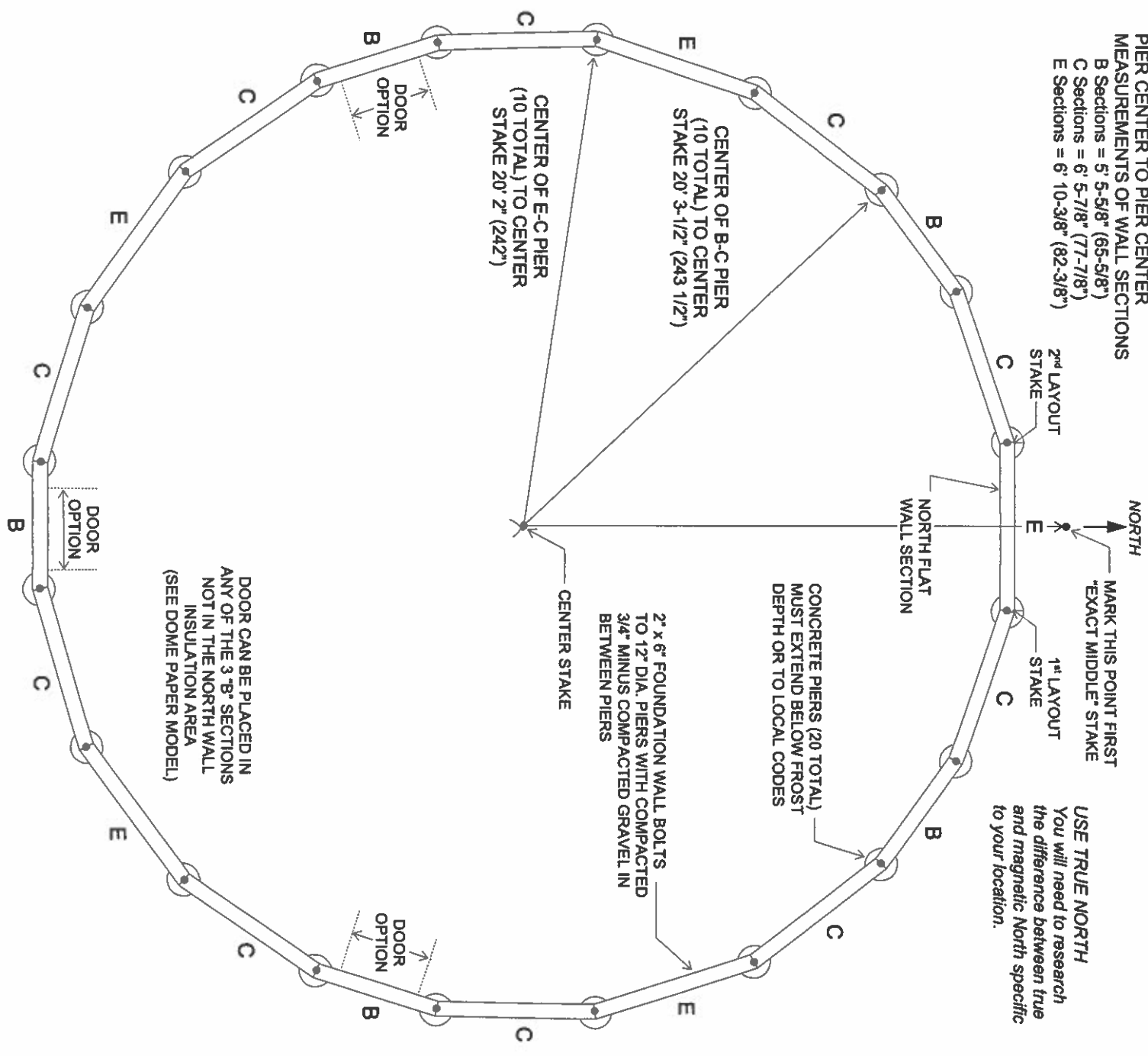


42' GROWING DOME LAYOUT FOR CONCRETE PIERS

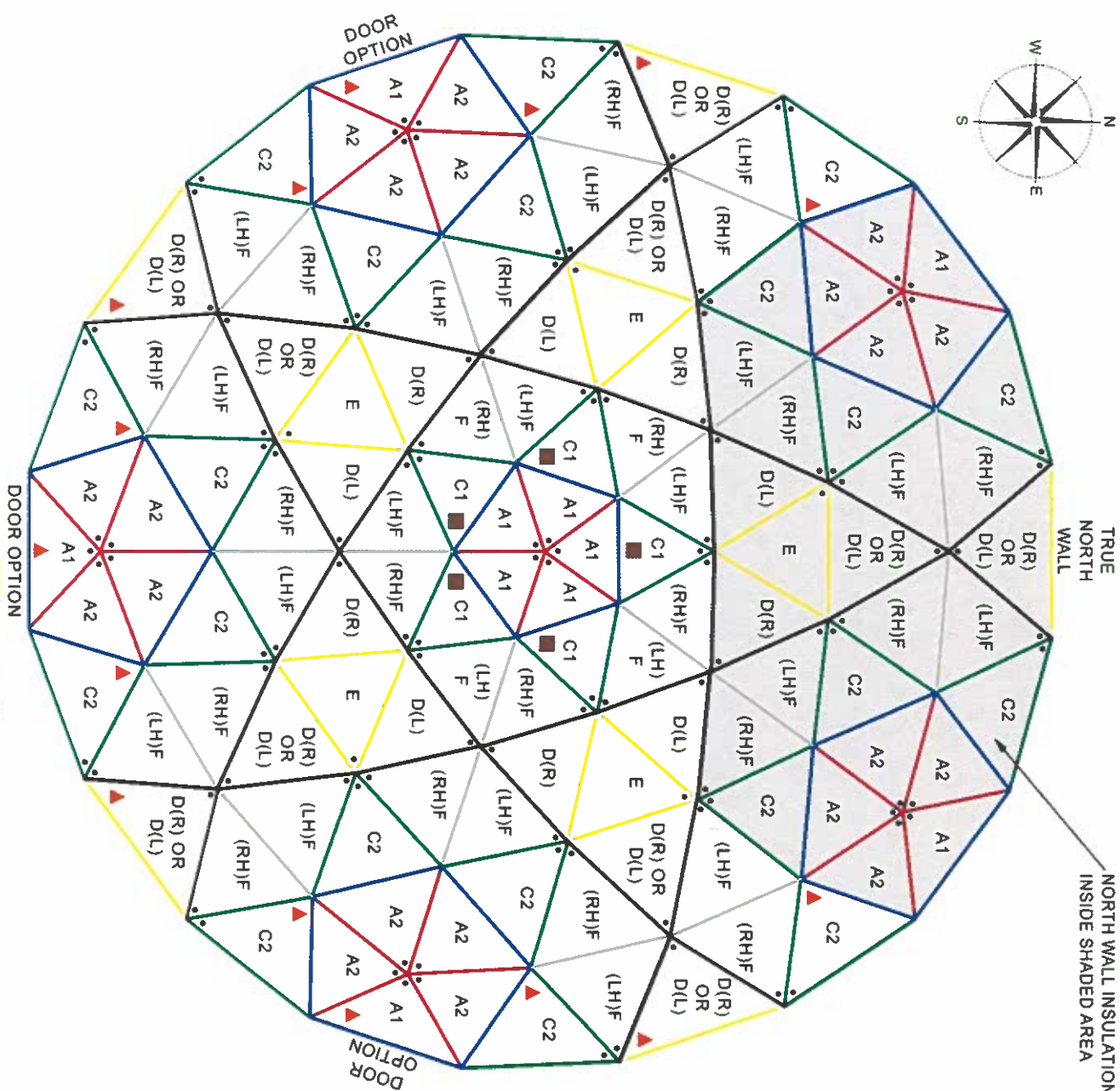
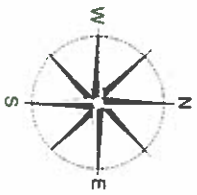
LAYOUT FOR USE WITH CONCRETE PIERS FOUNDATION (WHERE FOUNDATION WALL SECTIONS MEET).
MEASUREMENTS SHOWN ARE TO CENTER POINTS OF 12" CONCRETE PIERS.

PIER CENTER TO PIER CENTER MEASUREMENTS OF WALL SECTIONS

- B Sections = 5' 5-5/8" (65-5/8")
- C Sections = 6' 5-7/8" (77-7/8")
- E Sections = 6' 10-3/8" (82-3/8")



42' GROWING DOME DOME STRUCTURE AERIAL VIEW



STRUT	QTY	LENGTH
*A' STRUT	25	52'-3/4"
*B' STRUT	30	61'-3/4"
*C' STRUT	50	74'
*D' STRUT	40	75'-1/4"
*E' STRUT	20	78'-3/8"
*F' STRUT	20	79'-1/2"

AVERAGE OUTER POINTS RADIUS OF 42' DOME
= 20' 5-1/2" / CIRC. 128.41' / D.A. 40' 11"

- ATTIC FANS MAY BE INSTALLED ON ANY LEeward SIDE
- C' PANEL ON TOP OF THE DOME
- DOTS ON GLAZING PANELS MATCH DOTS SHOWN ON THIS MODEL. THE DOTS INDICATE GLAZING TRIANGLE ORIENTATION AND WHICH SIDE MUST FACE OUT.
- ▲ PLACEMENT OPTIONS FOR AC FANS (STANDARD 115V ELECTRIC) OR DC FANS (12V SOLAR COOLING UPGRADE)