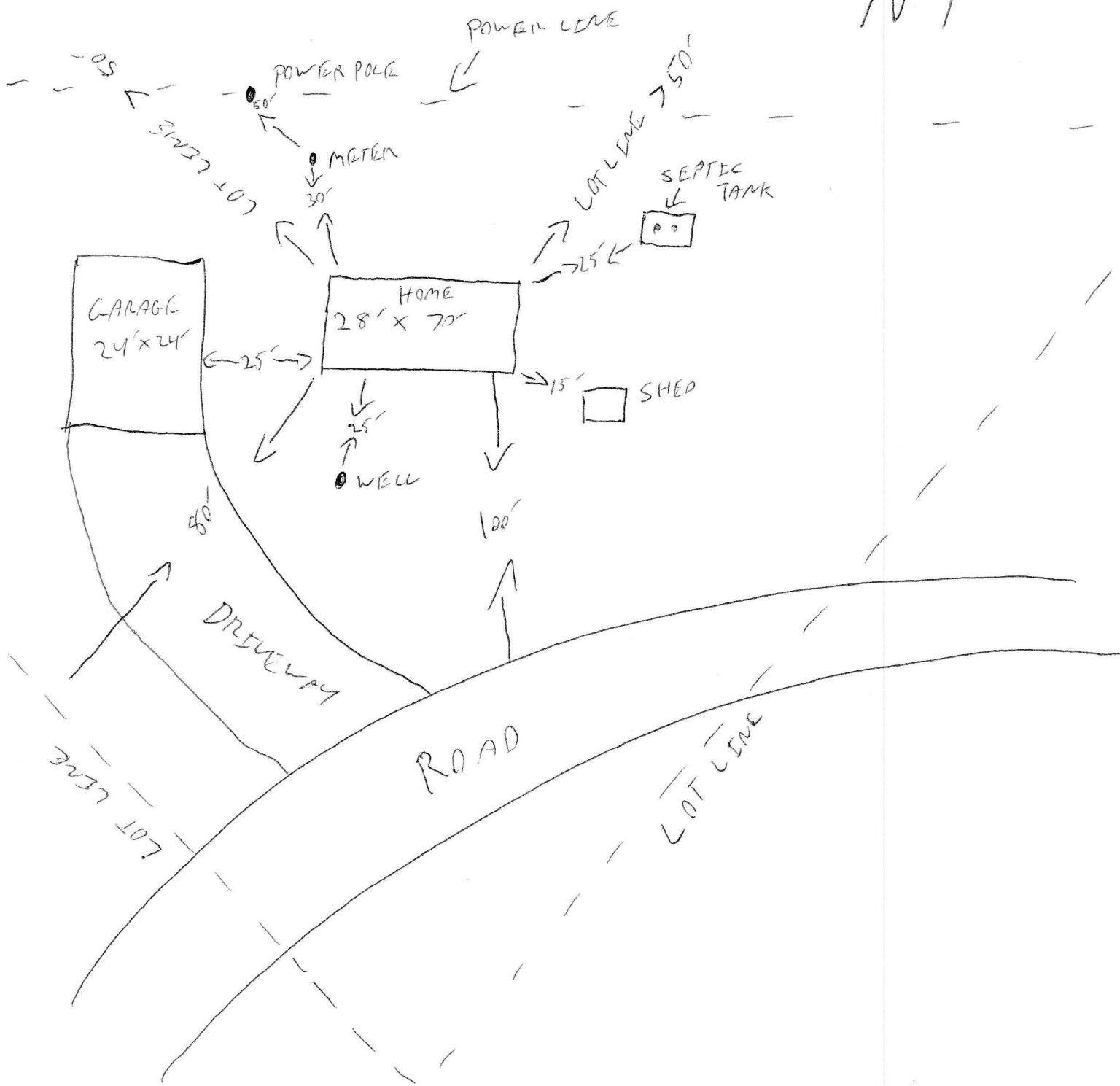


SITE PLAN

EXAMPLE



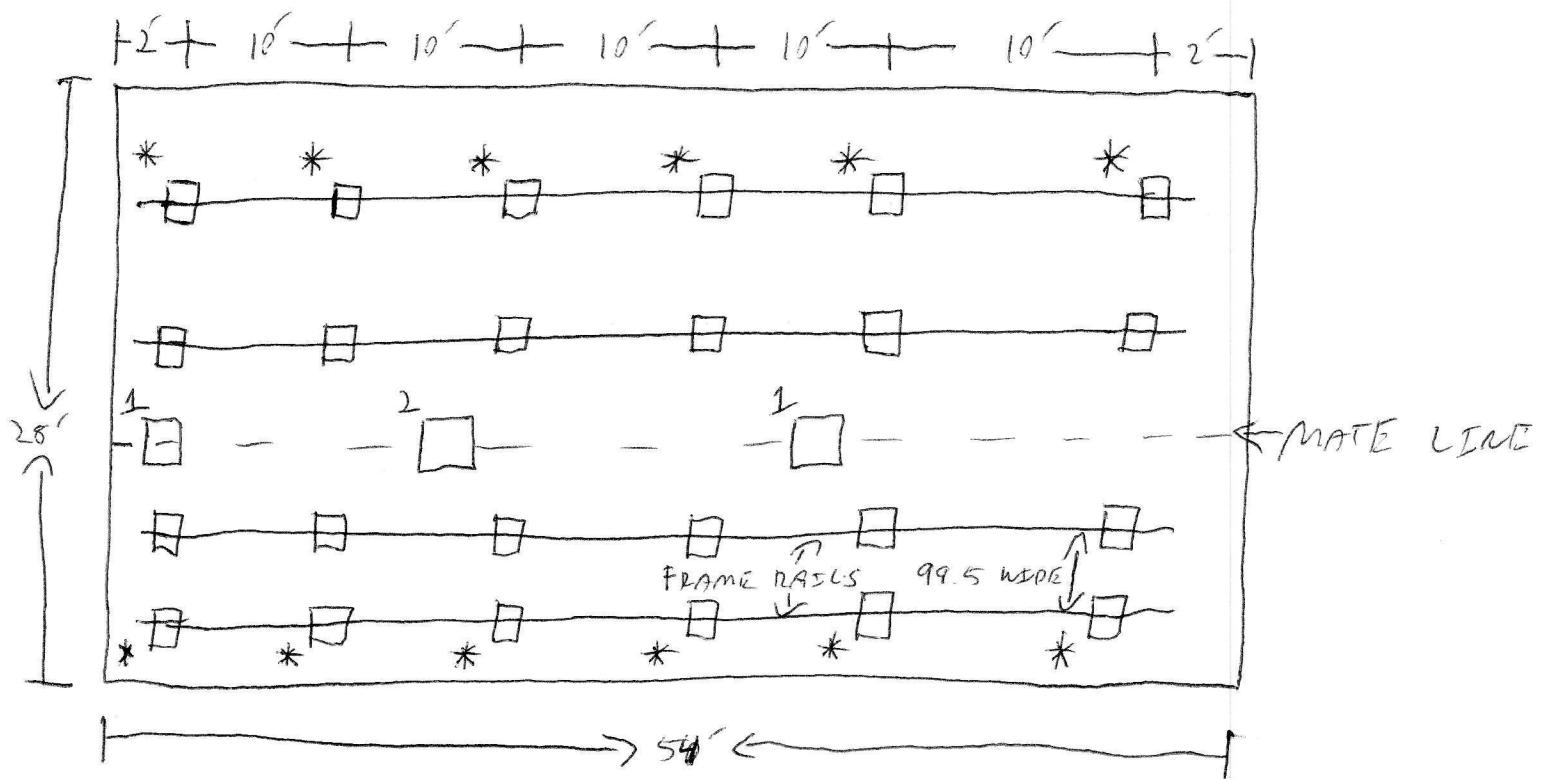
PIER BLOCKING DIAGRAM

WITH TEE DOWN PLAN

PAO FOUNDATIONS

DOUBLE WIDTH

EXAMPLE



1 - ALL FRAME PIERS/PAOS 24" DIA X 30" DEEP CONCRETE FIBER REINFORCED

1 - MATE LINE PIER/PAO 20" DIA X 30" DEEP //

2 - MATE LINE PIER/PAO 35" DIA X 30" DEEP //

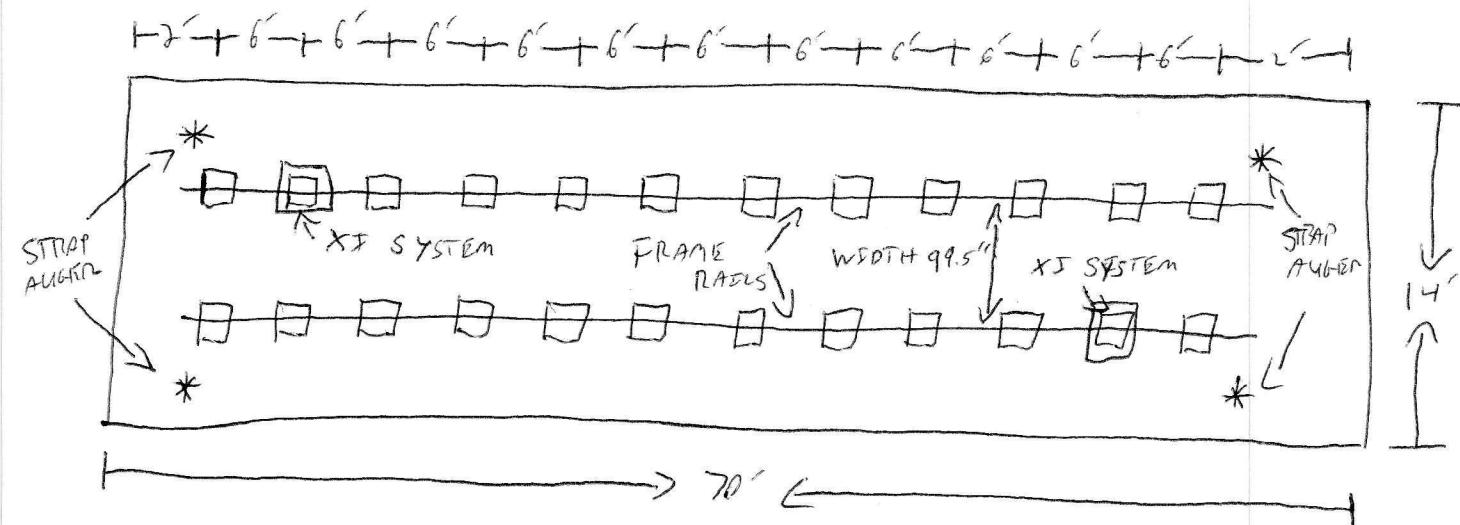
TEE DOWN PLAN

12 - STRAPS, AUGERS (30") AT EACH PIER *

w/ STABILIZER PLATES

PIER BLOCKING DIAGRAM
 WITH TIE DOWN PLAN
 PAD FOUNDATIONS
 SINGLE WEDGE

EXAMPLE



- ALL FRAME PADS 24" DIAM X 30" DEEP CONCRETE FIBER REINFORCED

TIE DOWN PLAN

XJ² SYSTEM

4-STRAPS & AUGERS *
W/ STABILIZER PLATES

PIER BLOCKING DIAGRAM

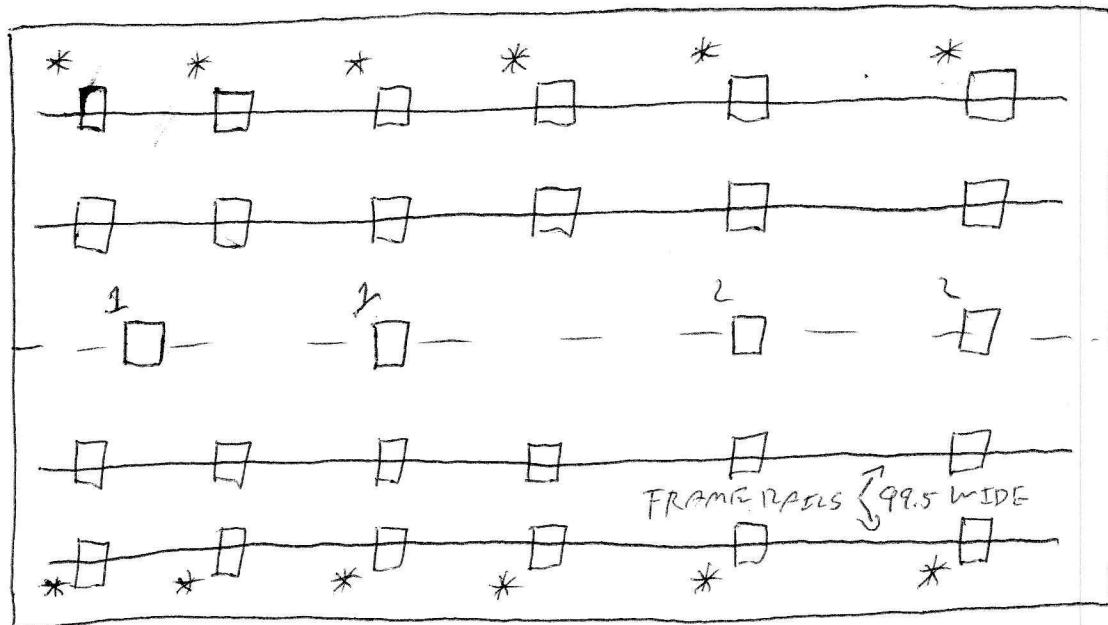
WITH TIE Down PLAN

SLAB FOUNDATIONS

DOUBLE WIDE

EXAMPLE

12' + 10' + 10' + 10' + 10' + 10' + 2' - 1



CONCRETE SLAB 28'W X 54'L X 6" THICK OVERALL w/ WIRE MESH REINFORCEMENT

□ - SLAB THICKNESS AT MAIN FRAME BLOCKING 6"

1 □ - SLAB THICKNESS & SIZE AT MATE LINE BLOCKING 24" X 24" X 10"

2 □ - SLAB THICKNESS AT MATE LINE BLOCKING 6"

TIE Down PLAN

12 - STRAPS + 12 POP CONCRETE ANCHORS 1 - *

CONCRETE SF212 AT ANCHOR 24" D X P" + THICK

PIER BLOCKING DIAGRAM

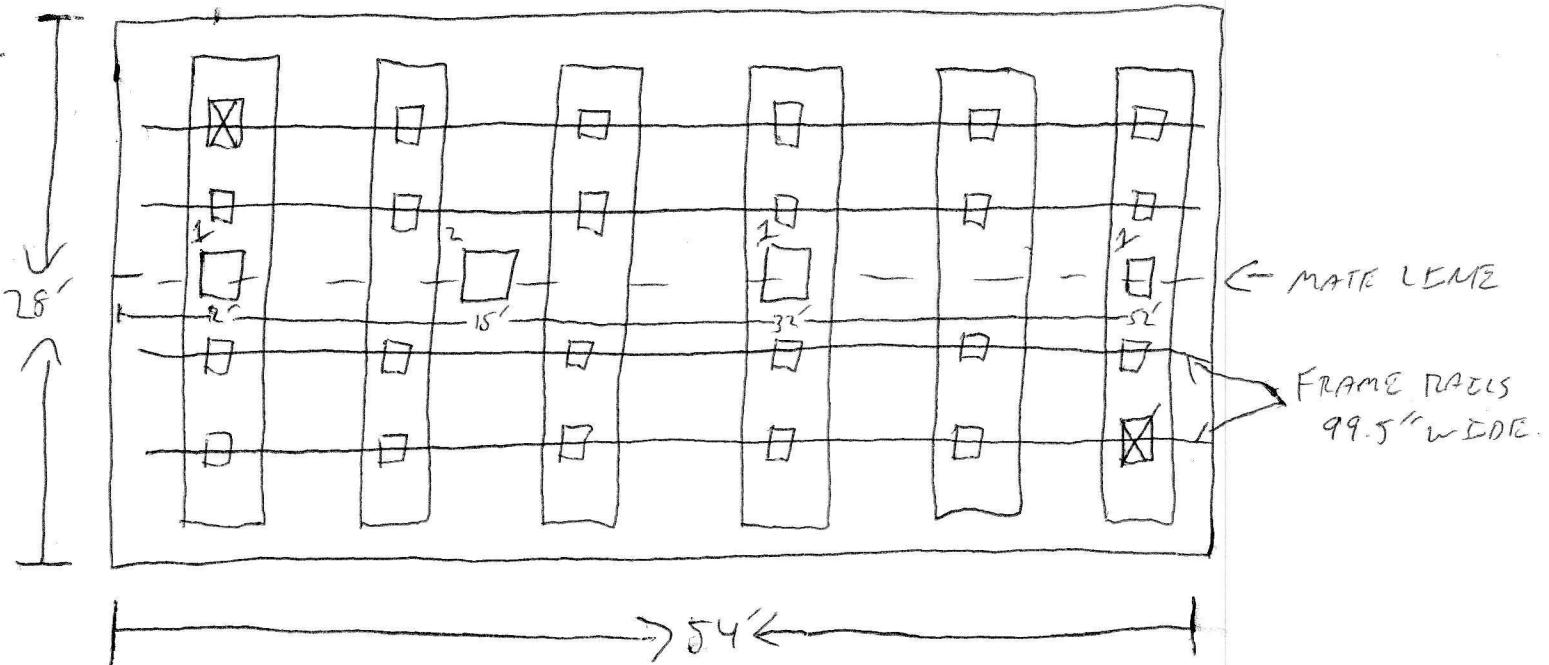
WITH TEE DOWN PLAN

RIBBON FOUNDATIONS

DOUBLE WEDGE

EXAMPLE

| 2' | 10' | 10' | 10' | 10' | 10' | 10' | 10' |



- ALL MAIN RIBBONS 24" w x 26' L x 6" D FIBER REINFORCED CONCRETE



- MATE LINE PIER/PAD RIBBON SIZE 24" w x 24" x 12" D //



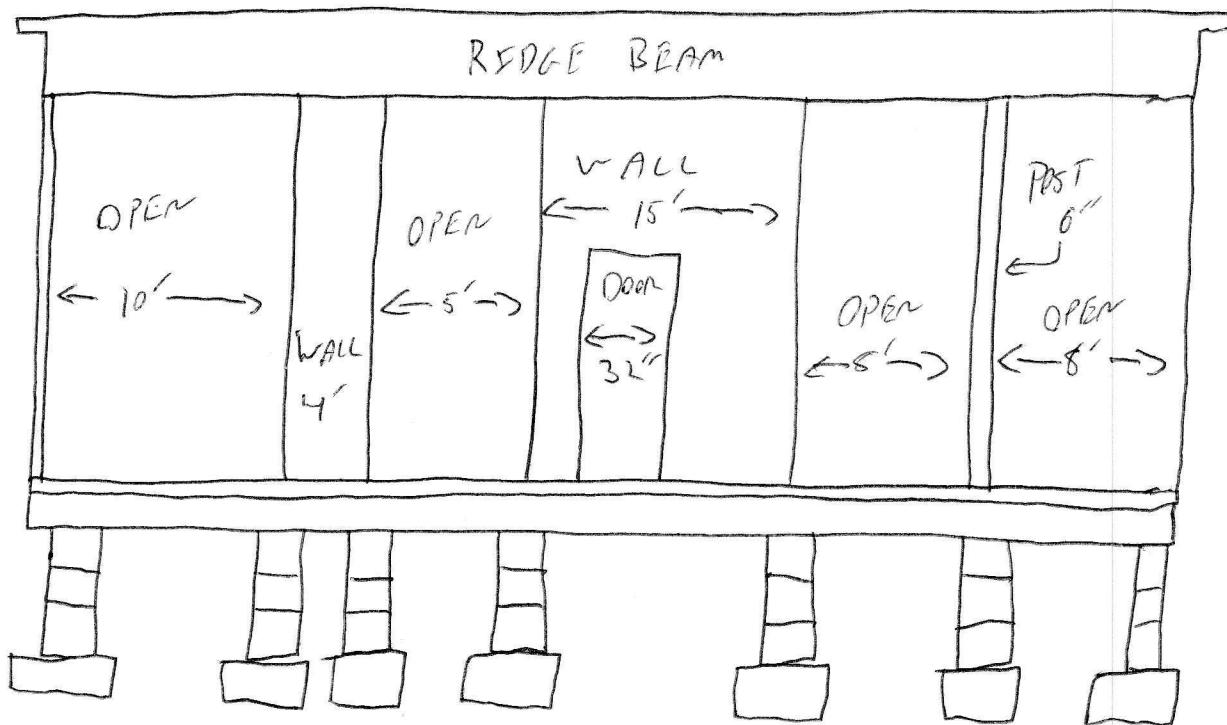
- MATE LINE PIER/PAD 30" w x 30" L x 12" D //

TEE DOWN PLAN

X-F² SYSTEM

MATE LIME SIDE VIEW

EXAMPLE



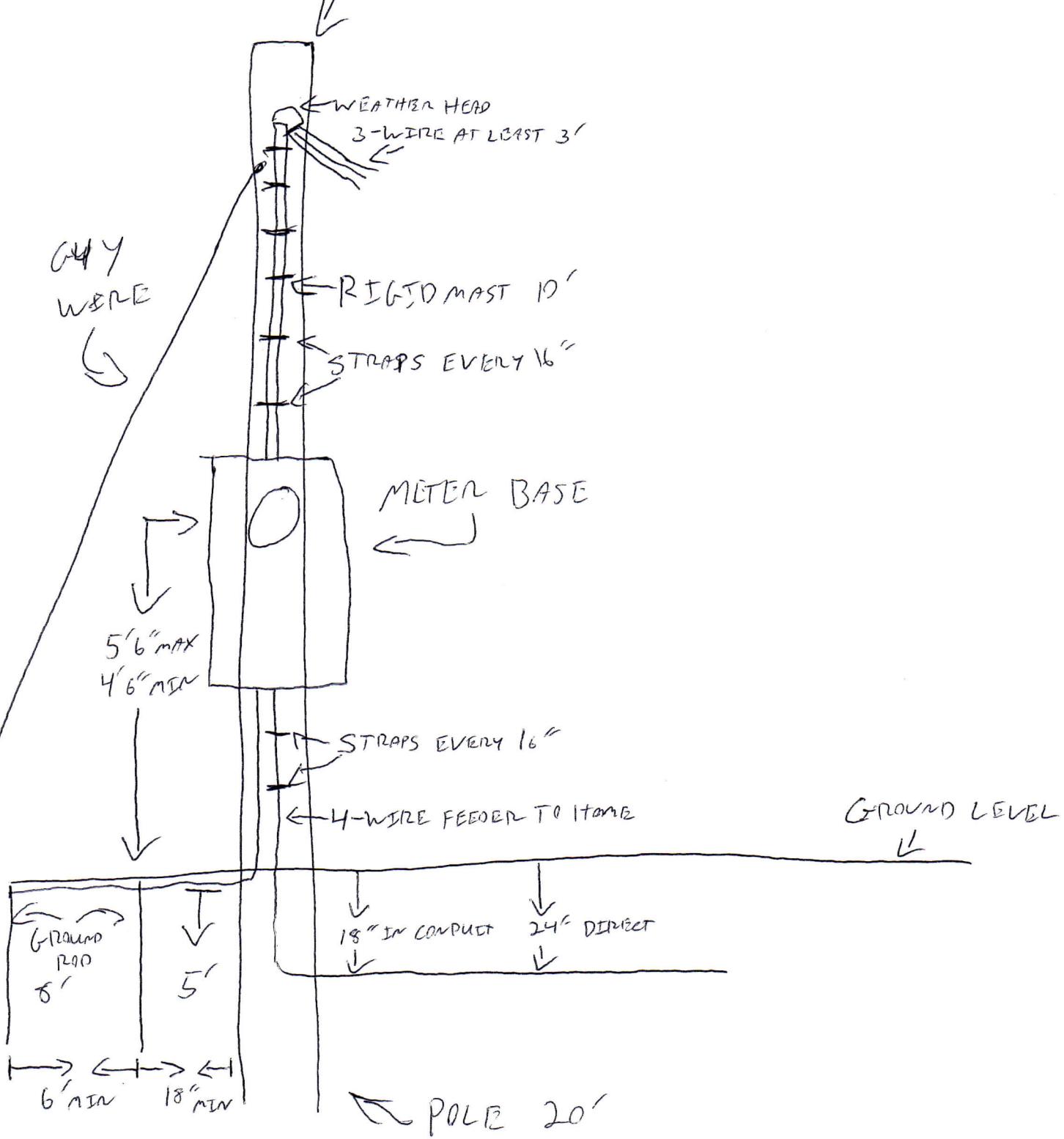
ELECTRICAL SERVICE DRAWINGS

DRAWING

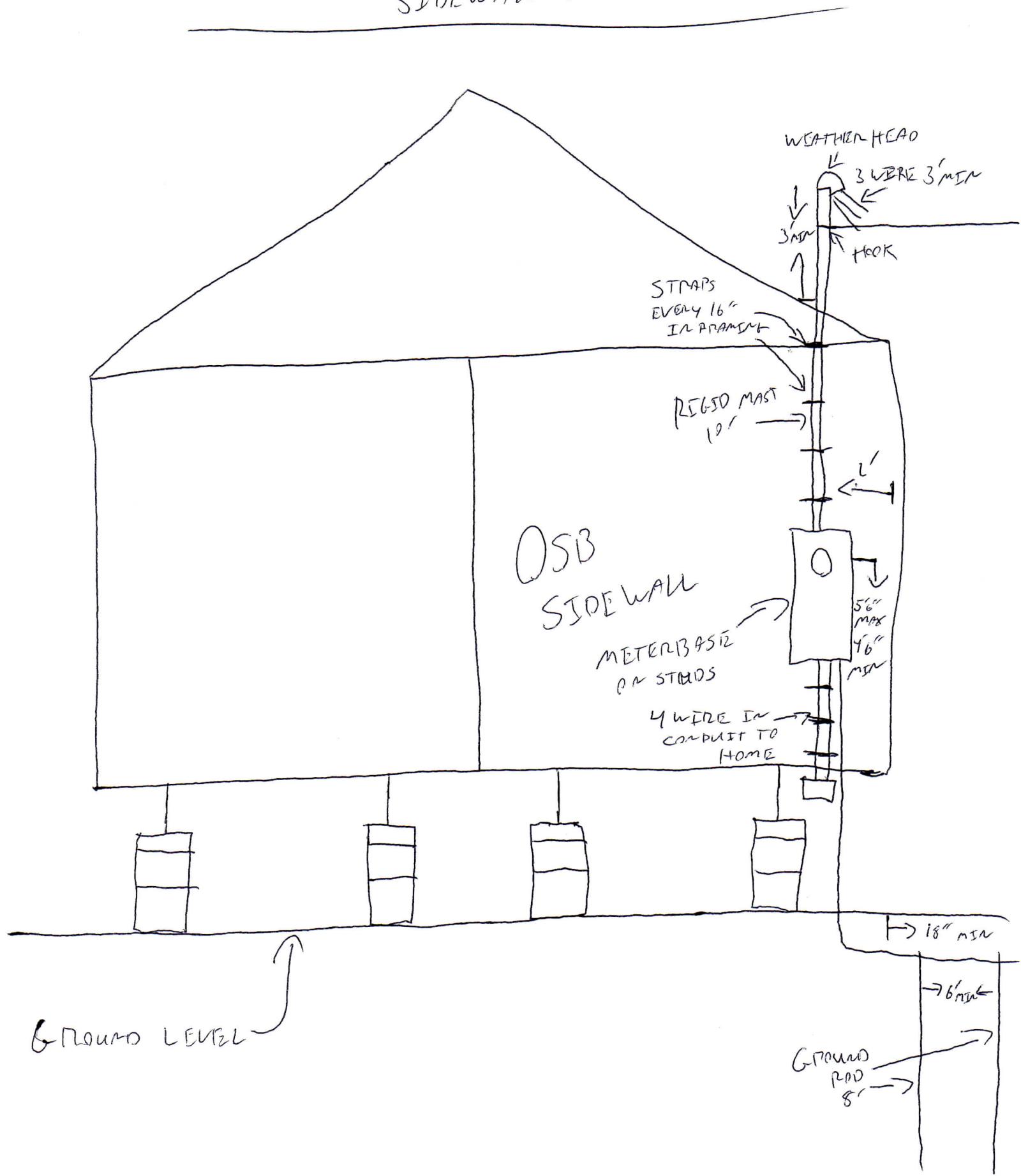
POLY MOUNT

WITHIN 30' OF HOME

AT Y
WIRE



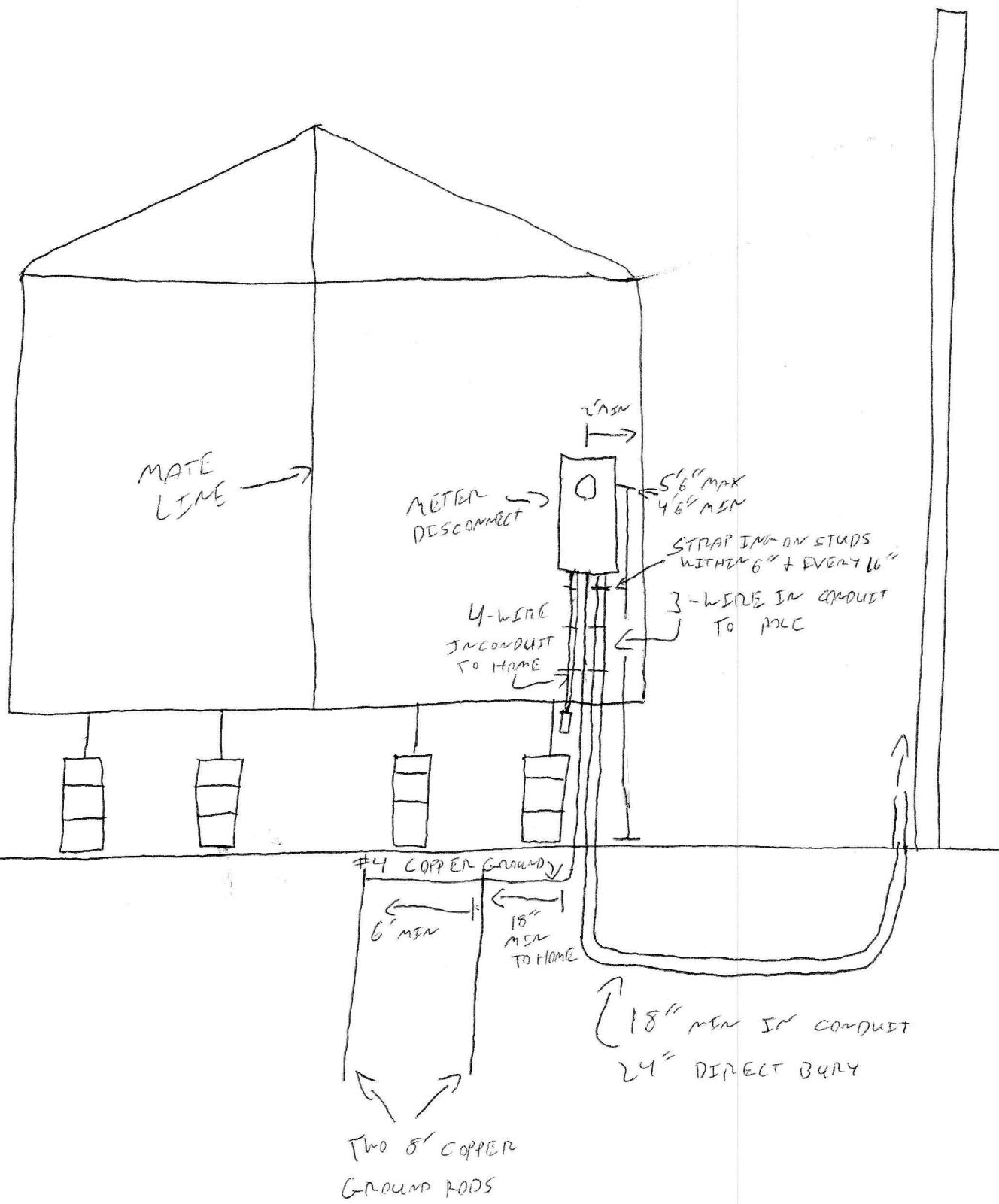
ELECTRICAL SERVICE DRAWING
DOUBLE METER ONLY
SIDEWALL MOUNT



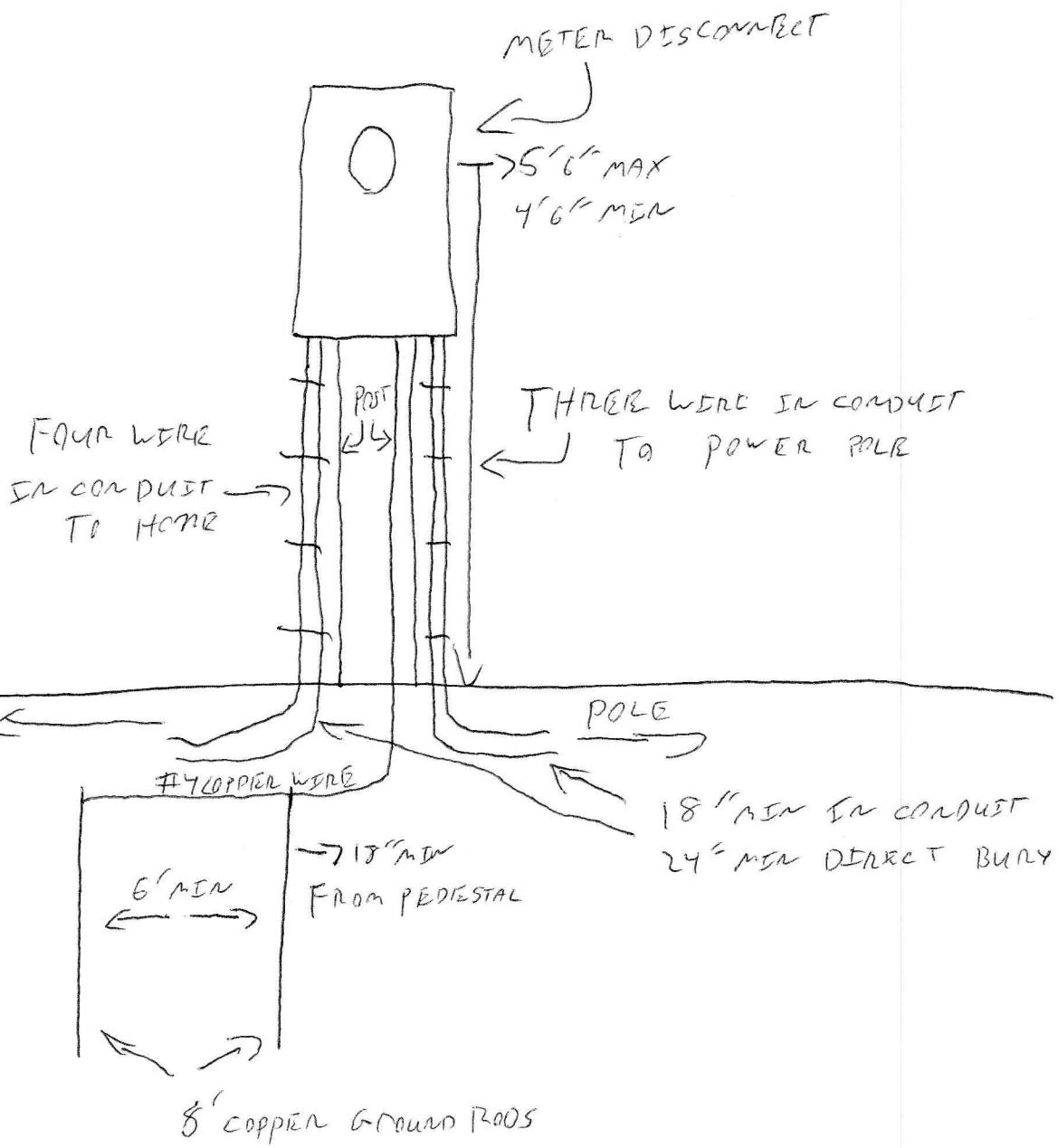
ELECTRICAL SERVICE Drawing

DOUBLE WEDGE ONLY

STEWART MOUNT GROUND FIELD



ELECTRICAL SERVICE DRAWING
PEDESTAL



Soil Classification Table 2.1 of 4781-6- 03.2

Soil Classification No.	Soil Classification ASTM D2487 or D2488	Soil Description	Allowable Bearing Pressure (psf) ¹	Blow Count ASTM D1586	Anchor Torque Probe ³ Value ⁴ (inch-pounds)
1	-	Rock or hard pan	4000+	-	-
2	GW, GP, SW, SP, GM, SM	Sandy gravel and gravel; very dense and/or cemented sands; coarse gravel/cobbles; preloaded silts; clays and coral.	2000	40+	(⁶)
3	GC, SC, ML, CL	Sand; silty and; clayey sand; silty gravel; medium dense coarse sands; sandy gravel; and very stiff silt, sand clays.	1500	24-39	351-650
4A	CG, MH ²	Loose to medium dense sands; firm to stiff clays and silts; alluvial fills.	1000	18-23	276-350
4B	CH, MH ²	Loose sands; firm clays; alluvial fills.	1000	12-17	175-275
5	OL, OH, PT	Uncompacted fill; peat; organic clays.	(⁷)	0-11	(⁵)

Notes:

1. The values provided in this Table have not been adjusted for overburden pressure, embedment depth, water table height, or settlement problems.
2. For soils classified as CH or MH, without either torque probe values or blow count test results, selected anchors must be rated for a 4B soil.
3. The torque test probe is a devise for measuring the torque value of soils to assist in evaluating the holding capacity of the soil in which the ground anchor is placed. The shaft must be of suitable length for the full depth of the ground anchor.
4. The torque value is a measure of the load resistance provided by the soil when subject to the turning or twisting force of the probe.
5. Less than 175.
6. More than 550.