

CITY OF NAPOLEON

BUILDING CONSTRUCTION PERMIT

Owner Name J. Michaels

Address E 424

Builder Name S.M.R.

Address Tel.

Lot Information:

Street No. E SR 424

Lot Subdivision

Lot Dimensions Lot Area Sq. Ft.

Yard Set Back: Front Rear
Side Side

Sidewalk required in accordance with Ordinance
No.

Building Information:

Residence Commercial Industrial

Single Double Multiple New Construction Addition Remodel

Size: Length 24 Width 71 No. of Stories

Floor Area: 1st Floor 35 2nd Floor 3rd Floor Basement

Unfinished Attic Garage

Foundation: Piers Full Basement Part Basement
Concrete Block

Walls: Frame Block Brick Other

Electrical Outlets: 120v 240v

Plumbing: Fixtures Traps Vents Heating Air Conditioning

Additional Information:

Date Applicant Signature J. Michaels

Owner - Builder - Agent

Inspection Record:

Work Started Foundations Plumbing, Heating

Set Back, Side Lines Plumbing (Rough In) And Air Conditioning

Excavation Erecting Frame Roof

Footing Electrical Work

Comments: This permit trusses were to be 4' ctrs but were set at 6'

Should this building get a heavy snow load

Certificate of Occupancy Issued It will crash

Pink - Engineer

Inspector

Permit No. 31

Issued 5-17-73

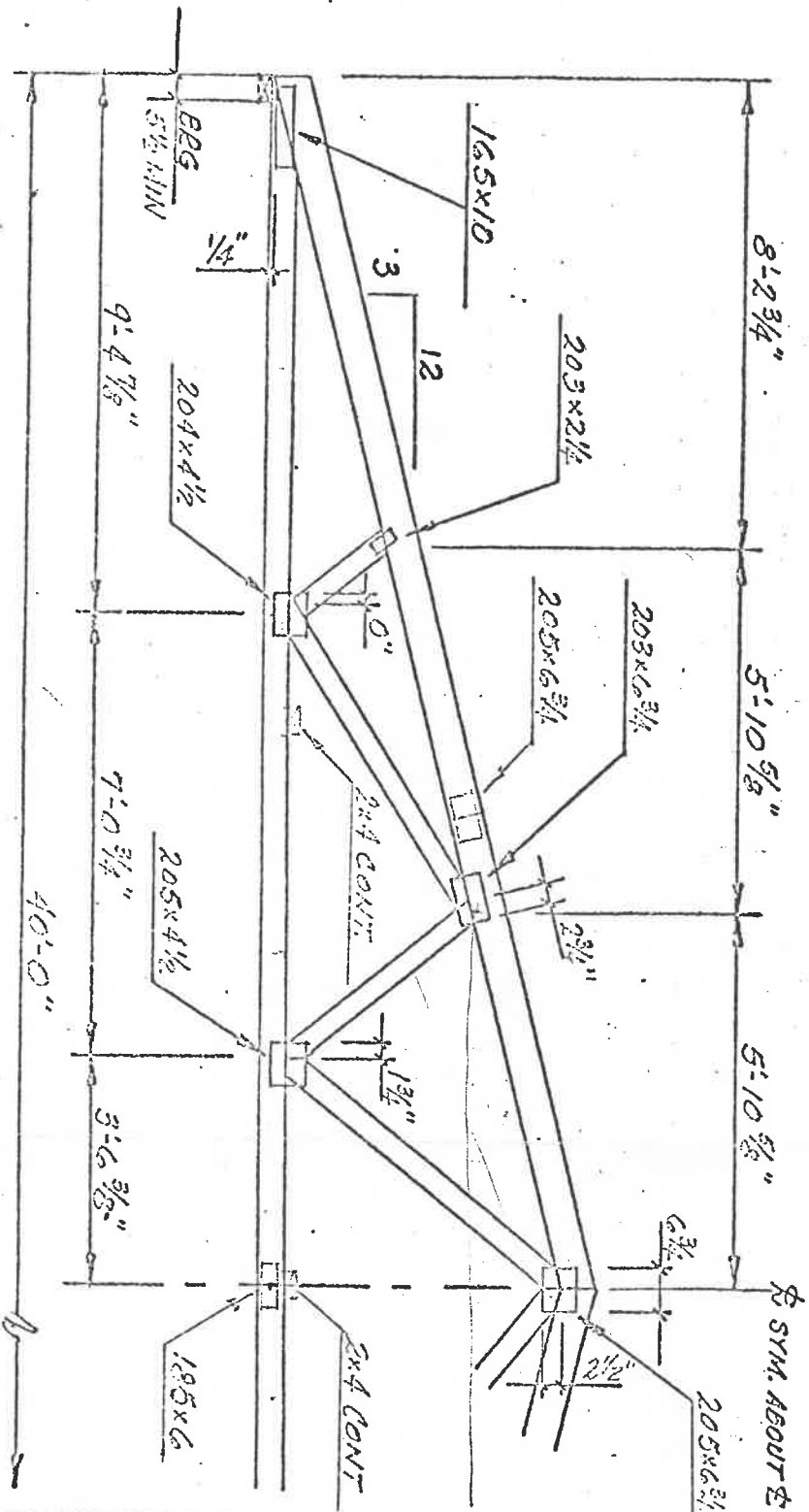
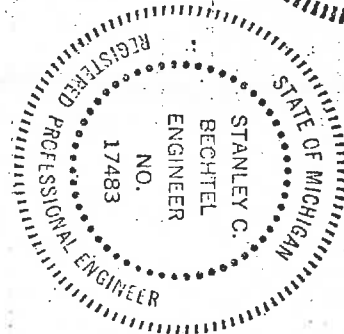
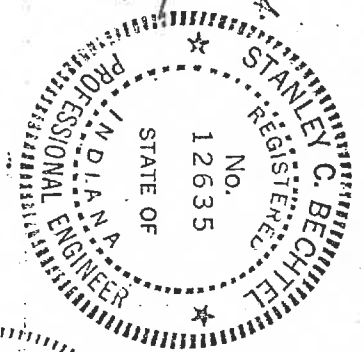
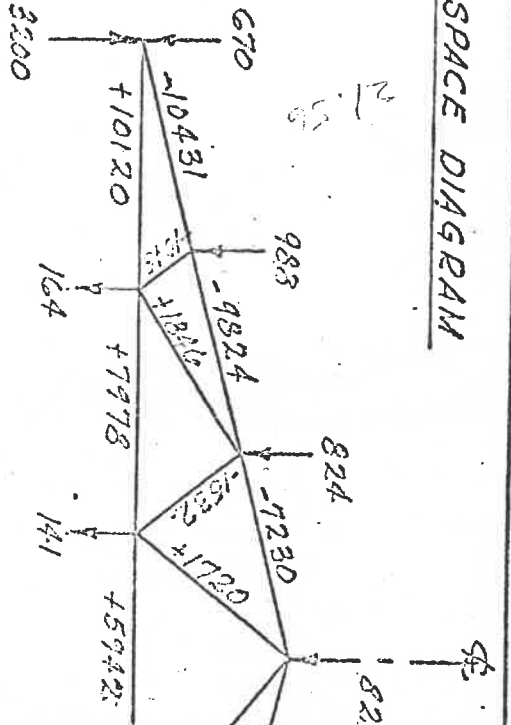
By [Signature]

Building Inspector

Estimated Cost 13,000

Fees	Base	Plus	Total
Construction			
Basement			
Detached Garage			
Plumbing			
Electrical			
Heating			
Air Conditioning			
Water Tap			
Sewer Tap			
Temporary Electric			
Total			

SPACE DIAGRAM



TOP CHORD	LIVE	1305 PBT
	DEAD	150 PBT
	PLATES	33%
	LUMBER	33%
	BOTTOM CHORD	40 PBT
	TRUSS SPACING	4'-0" 40 PBT
	PLATE RAISING	200 PBT
	CAMBER	1/12"

THIS DESIGN SUGGESTION IS INTENDED FOR USE BY ARCHITECTS AND/OR ENGINEERS IN PREPARATION OF THEIR FINAL DESIGNS. DESIGN BASED ON "NDS" BY NATIONAL FOREST PRODUCTS ASSOC. CUT MEMBERS TO BEAR, LATERALLY SUPPORT CHORDS. LUMBERMATE TRUSS PLATES, SERIES 650, ARE GALVANIZED STEEL, 1/8" THICK, UNLESS NOTED. PRESS PLATES SECURELY ON BOTH SIDES OF JOINTS, CENTER ALL PLATES UNLESS NOTED.

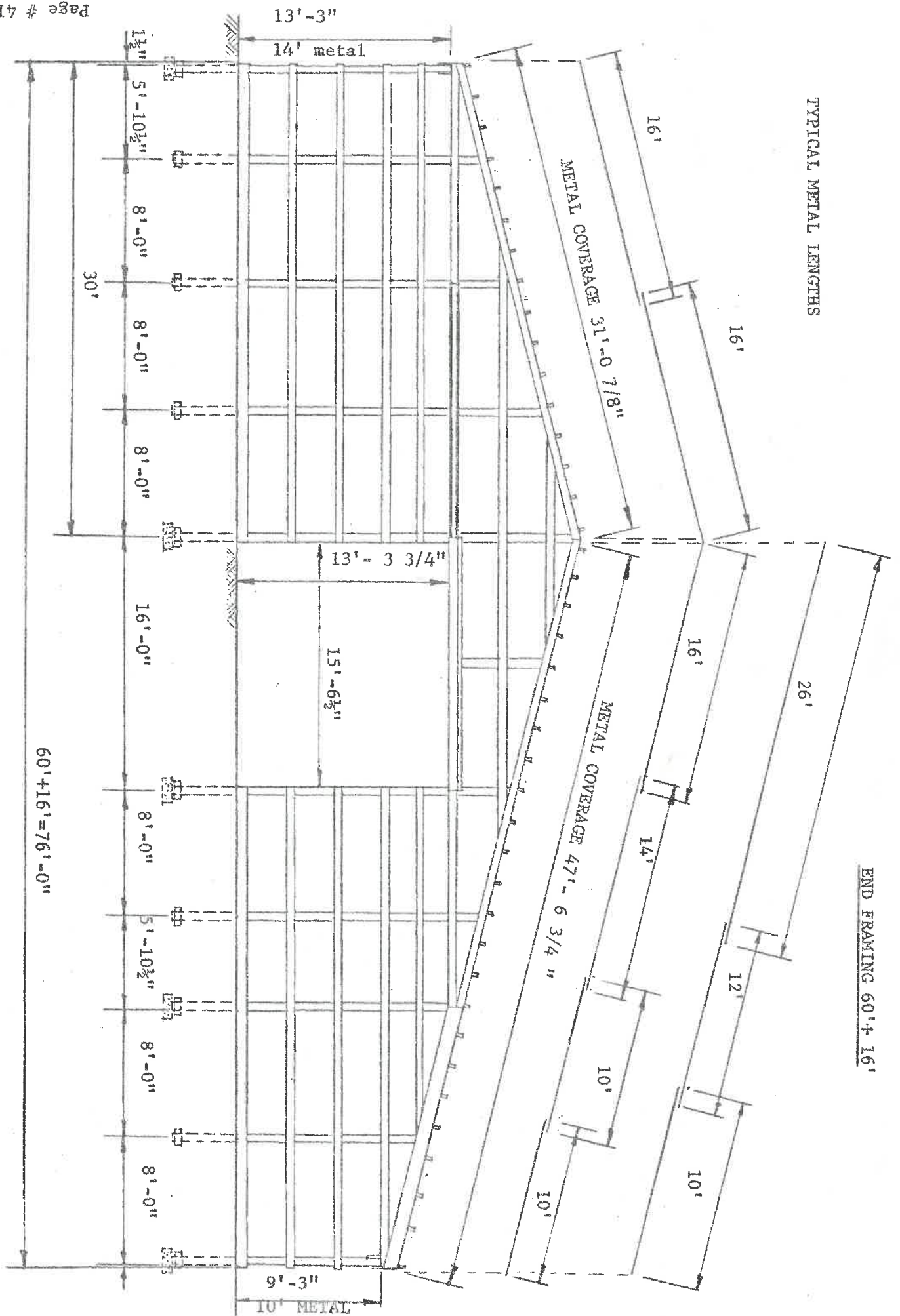
SIZE, SPECIF, GRADE	2x6 #1 KD	46'-0"	46'-0"	1650	1150	1450
TOP CHORD, BOTTOM CH.						
ALLOWABLE UNIT STRESSES						

#086

5 085

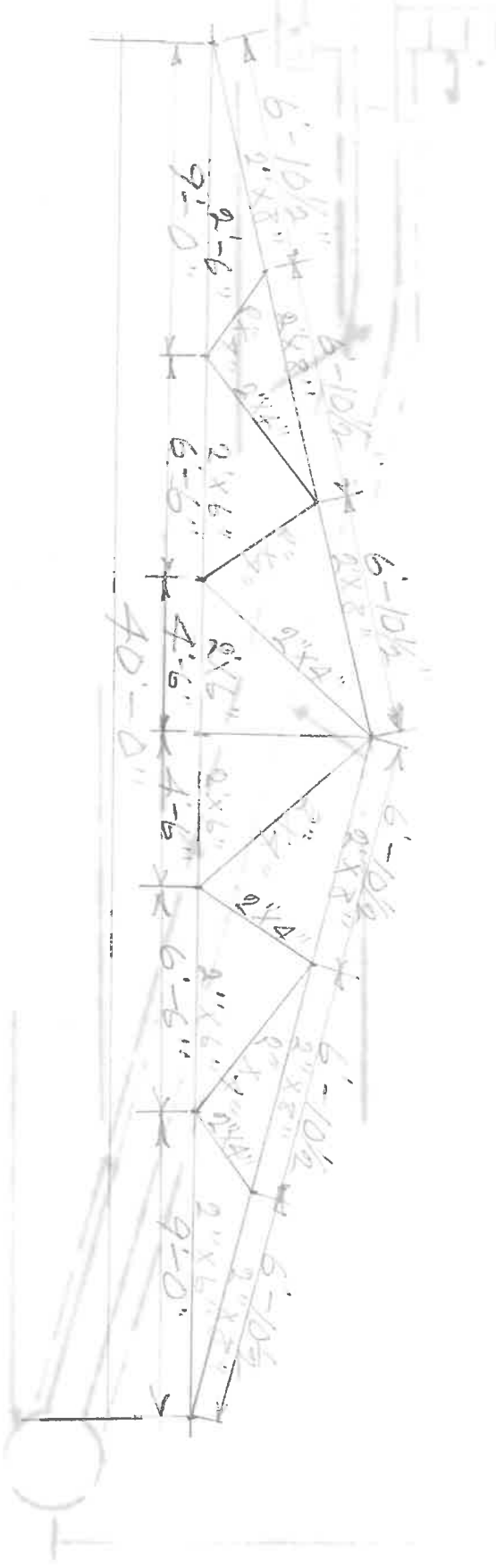
TYPICAL METAL LENGTHS

END FRAMING 60'+16'



Sketch 3' Rise in 10'

2061
20-7 3/8
3



Sketch

2" x 4" x 6"

$$S = \frac{P}{a} \left(1 - \frac{1}{3000} \frac{5184}{2209} \right)$$

$$S = \frac{2300}{6} \left(\frac{662.7 + 5184}{662.7} \right) = \frac{714.54}{662.7} \times \frac{2300}{6}$$

$$S = 413 \checkmark$$

2209	72
3000	72
5529000	144
6184	3000
21454	5184
2300	
21436200	500
142708	12
164344200	a
662.7	15/8
	4
3976.2	4
	2

64
2
128 ✓
.53 ✓
384
640
6784
60.75
6890
6093
7950
7314
6360

R = 2x8x

5.365

12 x 12.9
3
5.365
5.365
27825
33390
27825
27825
309692.25 ✓

3976.2 | 1643442. (413) 600
159048
52962
39762
132000

$$S = \frac{P}{a} \left(1 + \frac{1}{3000} \times \frac{L^2}{R^2} \right)$$

$$\frac{P}{a} = 1230.5$$

1+

92910 | 93486 (1.006)
92910
57600

$$S = 1169 \checkmark$$

1219 | 14250. (1169)
1219
12060
1219
8410
7314
10960
10971

1020
52
2x64
132
344
474
1.54
41.84
1.53 - 16
1.62 x 4
14
17
10x6
5
91424
77
77
329
188
2209
250

1,9884

2x4x6'

5/8

$$S = \frac{2300}{6} \left(1 + \frac{1}{3000} \frac{5184}{1.98} \right)$$

$$S = \frac{2300}{6} \left(\frac{5940 + 5184}{5940} \right)$$

$$S = \frac{2300}{6} \times \frac{11124}{5940}$$

$$S = 730 \#$$

1.52x
.53
~~1.62x4x4x4~~
12x6
3

1.98
3000
8970.00
5184
5940 | 11124 (1.9 R = 1.41
3940
51840
53460
R = 1.41
141
534
141
R = 1.9281

2300
1.9
20700
2300
5 | 43700
7

$$S = \frac{14250}{12.19} \left(1 + \frac{1}{3000} \frac{576}{30.96} \right)$$

$$S = \frac{P}{a} \left(\frac{92880 + 576}{92880} \right) = \frac{93456}{92880} = 1.006$$

$$S = 1176$$

92880 | 93456 (1.006
92880
576000

3096
3000
92880.00

14250
 $R = \frac{T}{a^2}$
 $R = \frac{1.62 \times 4 \times 4 \times 4}{12 \times 12.19}$
2

14250
1,006
85500
14250
12.19 | 14335.500 (1176
12.19
2145
12.19
9265
8533
7320

5764
6284
27130
54272
47488
40704
46022656
5564
5.564
22256
33384
27820
27820
R = 5564
R = 30958096
6784 (5564
6893
8093
2550
2314
5360