

CITY OF NAPOLEON  
255 W. RIVERVIEW AVE  
NAPOLEON, OHIO 43545

DIVISION OF BUILDING & ZONING  
PH (419) 592-4010  
FAX (419) 599-8393

PERMIT NO: 975      DATE ISSUED: 01-23-02      ISSUED BY: BND  
JOB LOCATION: 526 EUCLID AVE      EST. COST: 3000.00

LOT #:      SUBDIVISION NAME:

OWNER: MANSFIELD, MIKE  
ADDRESS: 526 EUCLID AVE  
CSZ: NAPOLEON, OH 43545  
PHONE: 419-599-4318

AGENT: SELF  
ADDRESS:  
CSZ:  
PHONE:  
OTHER:

USE TYPE - RESIDENTIAL:

ZONING INFORMATION

DIST:      LOT DIM:      AREA:      FYRD:      SYRD:      RYRD:  
MAX HT:      # PKG SPACES:      # LOADING SP:      MAX LOT COV:

BOARD OF ZONING APPEALS:

WORK TYPE - NEW:      REPLMNT:      ADD'N:      ALTER:      REMODEL:

WORK INFORMATION

SIZE - LGTH:      WIDTH:      STORIES:      LIVING AREA SF:  
GARAGE AREA SF:      HEIGHT:      BLDG VOL DEMO PERMIT:

WORK DESCRIPTION  
REMODEL

FEE DESCRIPTION

PAID DATE      FEE AMOUNT DUE

BUILDING PERMIT

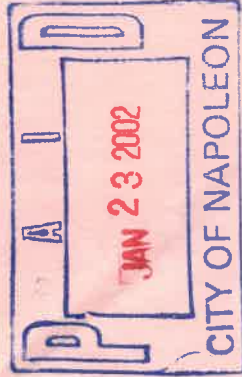
36.00

TOTAL FEES DUE

36.00

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DATE

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APPLICANT SIGNATURE



CITY OF NAPOLEON INSPECTION FORM

PERMIT #: 975

DATE ISSUED: 01-23-2002

JOB LOCATION: 526 EUCLID AVE

OWNER: MANSFIELD, MIKE

OWNER PHONE: 419-599-4318

CONTRACTOR: SELF

CONTRACTOR PHONE:

WORK DESCRIPTION: REMODEL

PLUMBING: UNDGR \_\_\_\_\_ RGHIN \_\_\_\_\_ FINAL \_\_\_\_\_

SEWER INSP \_\_\_\_\_

MECHANICAL: UNDGR \_\_\_\_\_ RGHIN \_\_\_\_\_ FINAL \_\_\_\_\_

FURNACE REPLC \_\_\_\_\_ AIR COND \_\_\_\_\_

ELECTRICAL: UNDGR \_\_\_\_\_ RGHIN \_\_\_\_\_ FINAL \_\_\_\_\_

SERV UPGR \_\_\_\_\_

BUILDING: SITE \_\_\_\_\_ FTG \_\_\_\_\_ FNDT \_\_\_\_\_

STRUC \_\_\_\_\_ ROOF \_\_\_\_\_ EXT \_\_\_\_\_

VENT \_\_\_\_\_ ACCES \_\_\_\_\_ EGRS \_\_\_\_\_

SMKDT \_\_\_\_\_ FINAL \_\_\_\_\_

ISSUE TEMP OCCUP \_\_\_\_\_ ISSUE OCCUP \_\_\_\_\_

STRG SHED: SITE \_\_\_\_\_ FINAL \_\_\_\_\_

SIGN: FTG \_\_\_\_\_ FINAL \_\_\_\_\_

FENCE: SITE \_\_\_\_\_ FINAL \_\_\_\_\_

MISC INSP: \_\_\_\_\_

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INSPECTOR INITIALS: \_\_\_\_\_

202

599-2999

Tim Sbrdale

Spring  
Summer

Exterior walls sheeting

Fall winter  
Roof & shingles Heating  
inside walls, wiring plumbing  
Installation Dry wall

203 Spring exterior finish

Fall winter inside floors

1 Finish interior

204 Spring summer gut old house

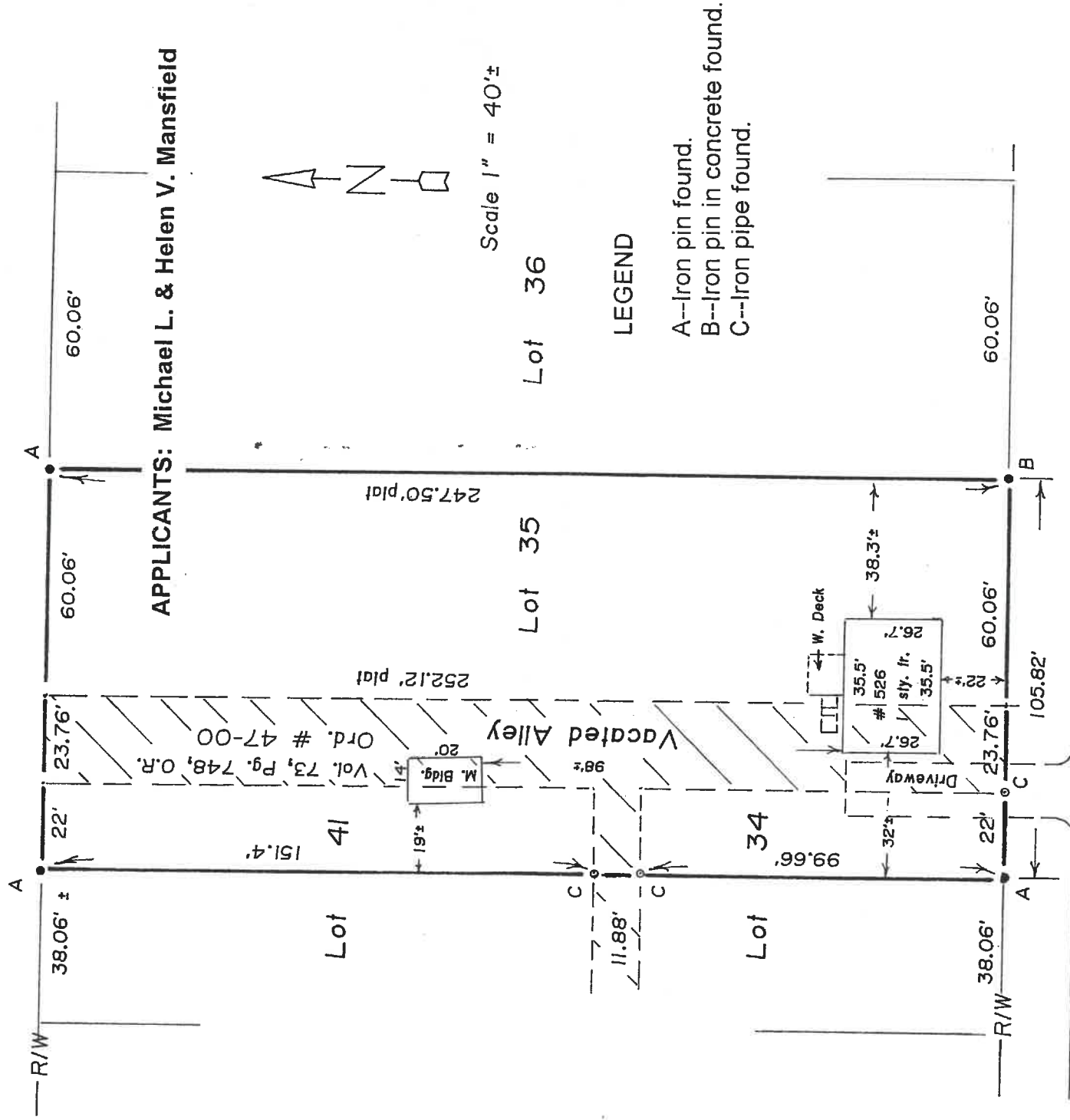
new foundation bring up to code for  
garage

# Mortgages Certificate of Location

For: NATIONAL CITY BANK, NW.

BEING LOT 35 AND A STRIP OF LAND 22' WIDE OFF THE EAST SIDE OF LOT 34 AND A STRIP OF LAND 22' WIDE OFF THE EAST SIDE OF LOT 41, ALL IN L.G. RANDALL'S FIRST ADDITION TO THE CITY OF NAPOLEON, HENRY COUNTY, OHIO; ALSO AN ALLEY VACATED BY ORDINANCE #47-00, RECORDED IN VOLUME 73, PAGE 748, OFFICIAL RECORDS OF HENRY COUNTY, OHIO

## CLIFF STREET

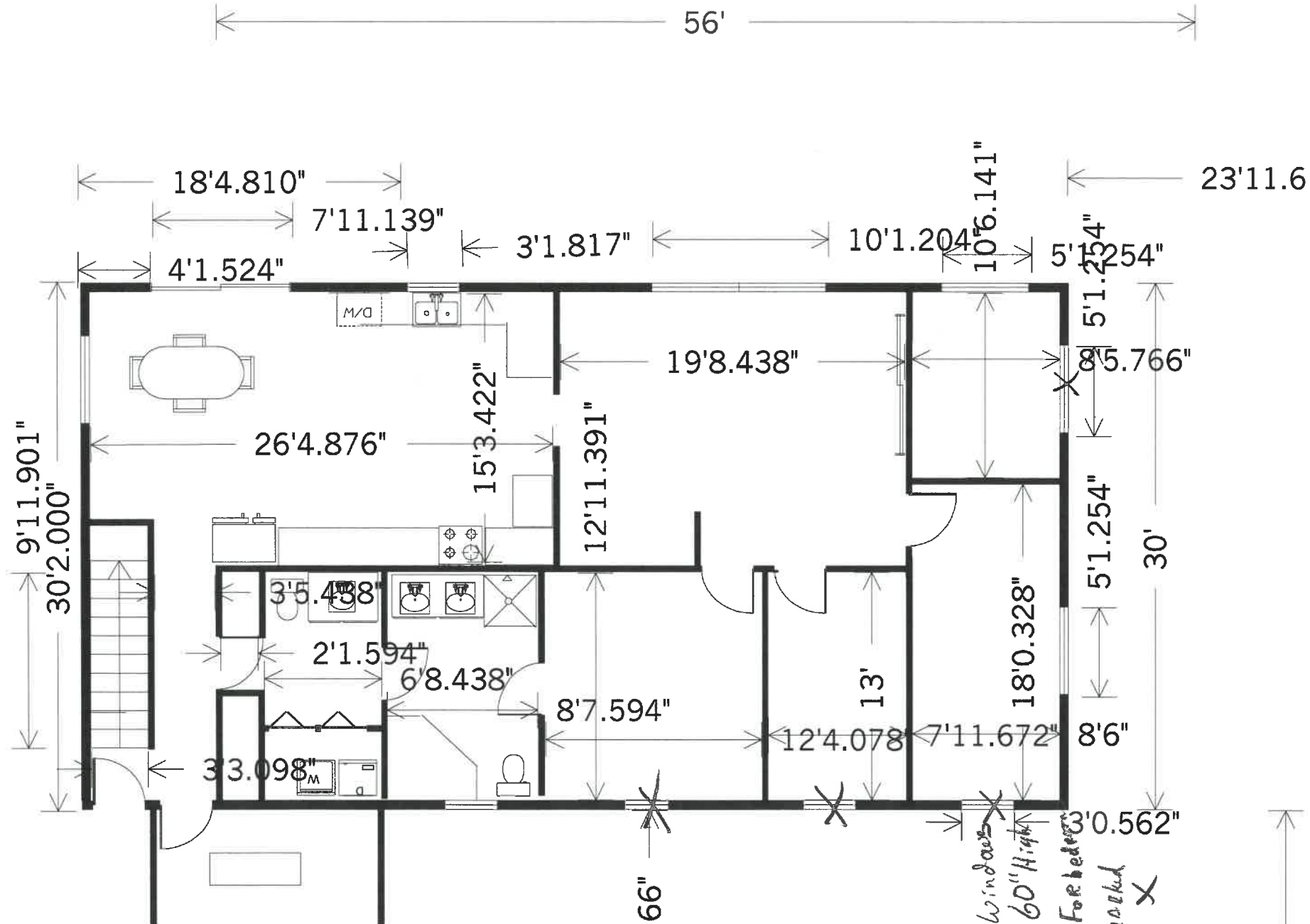


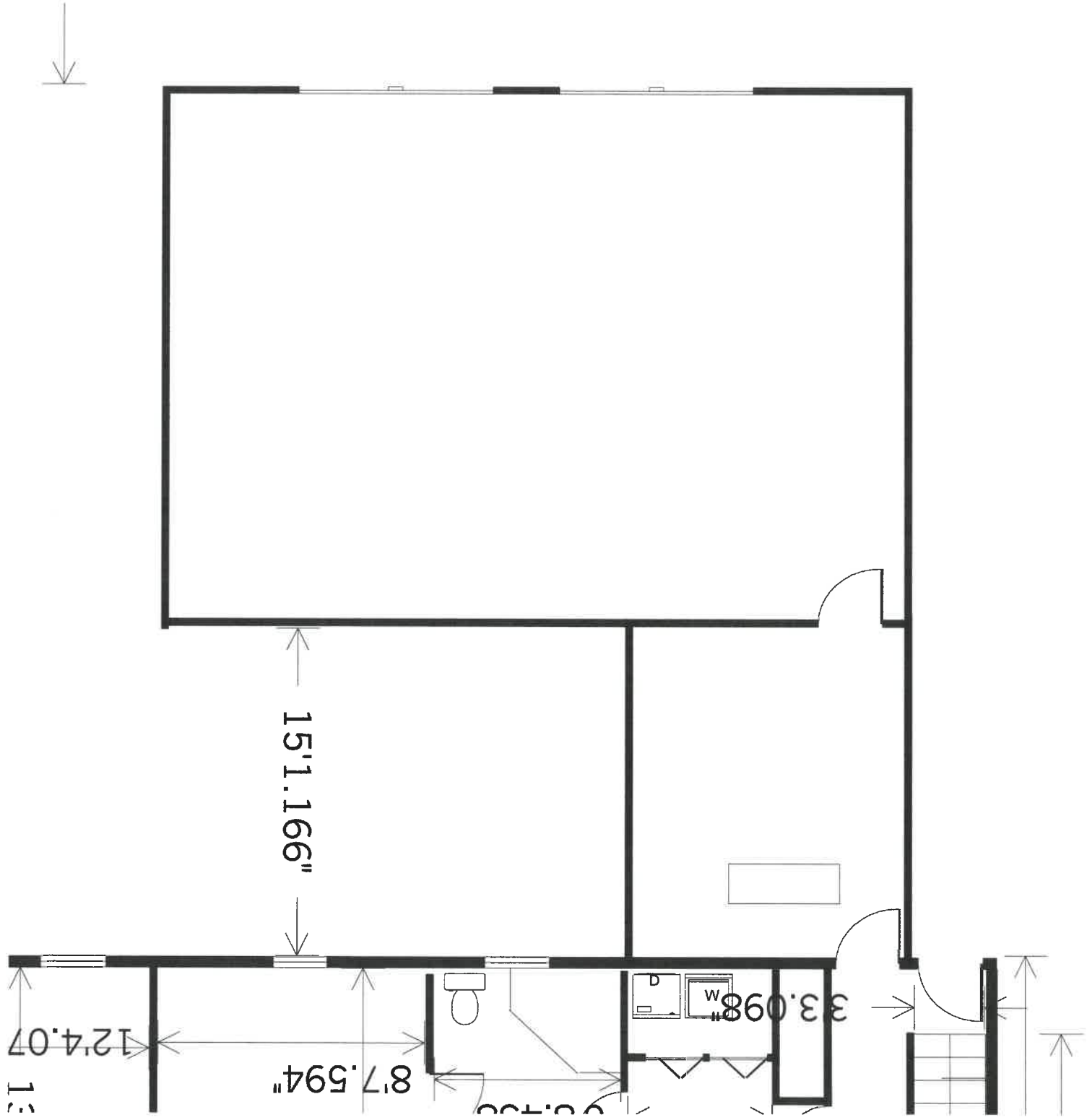
## EUCLID AVENUE, 60' R/W

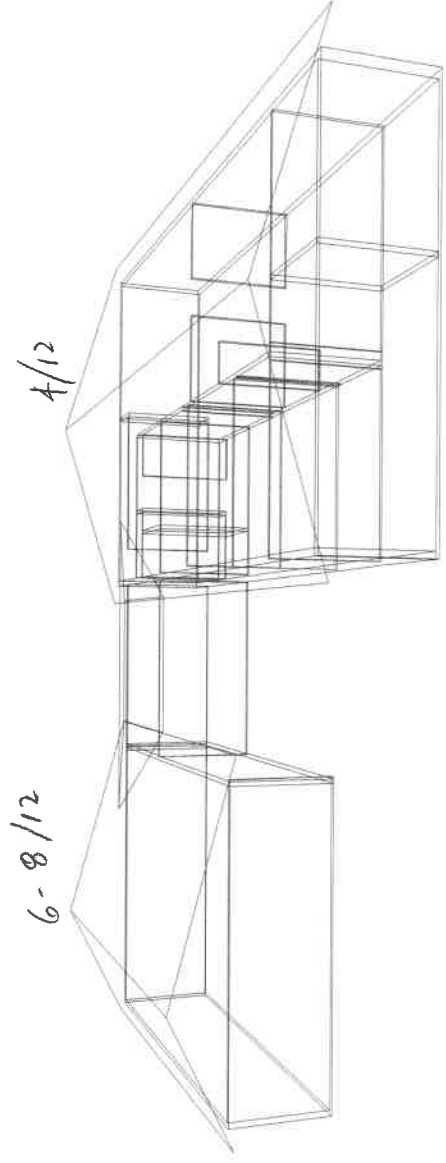
5'2.557"

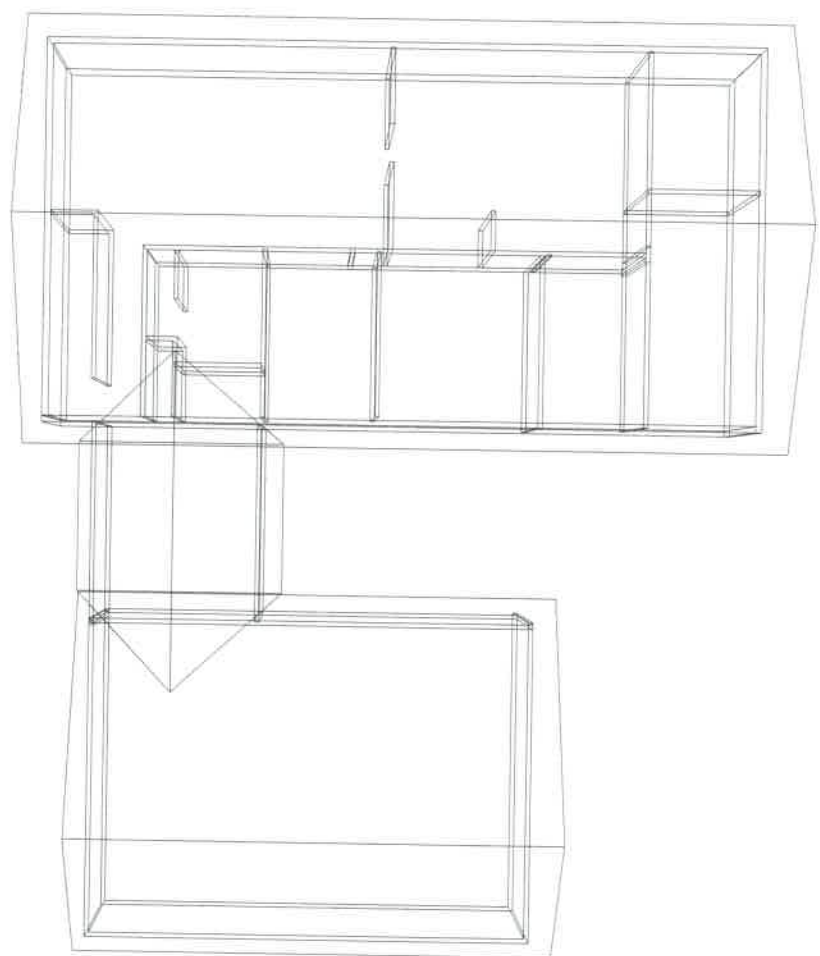
3'7.008"

↑







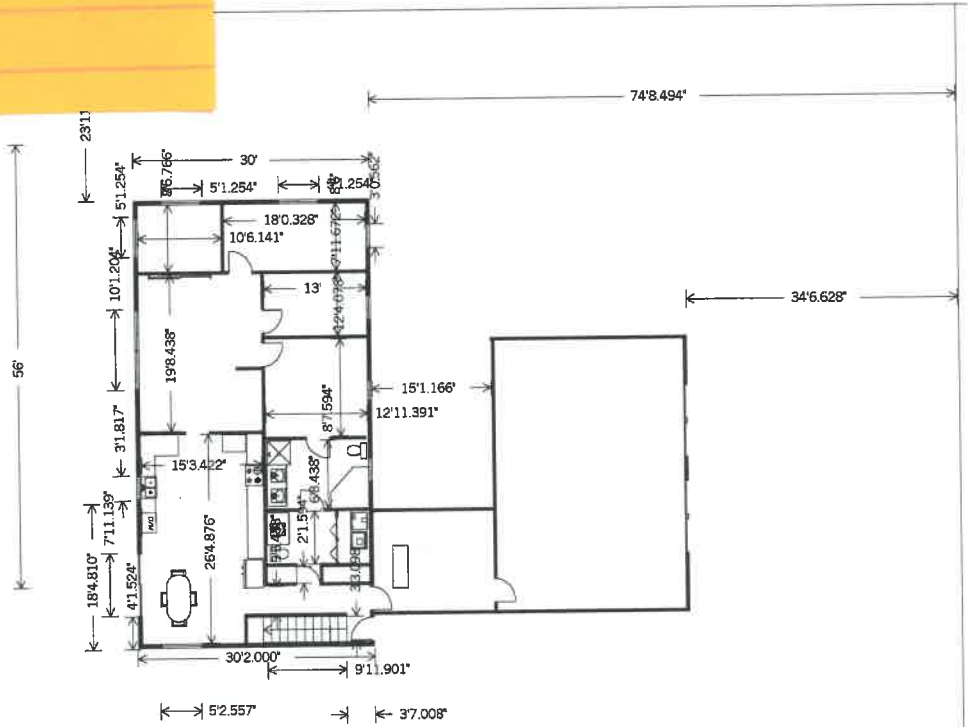




Jerry / 445-8789  
ab Construction

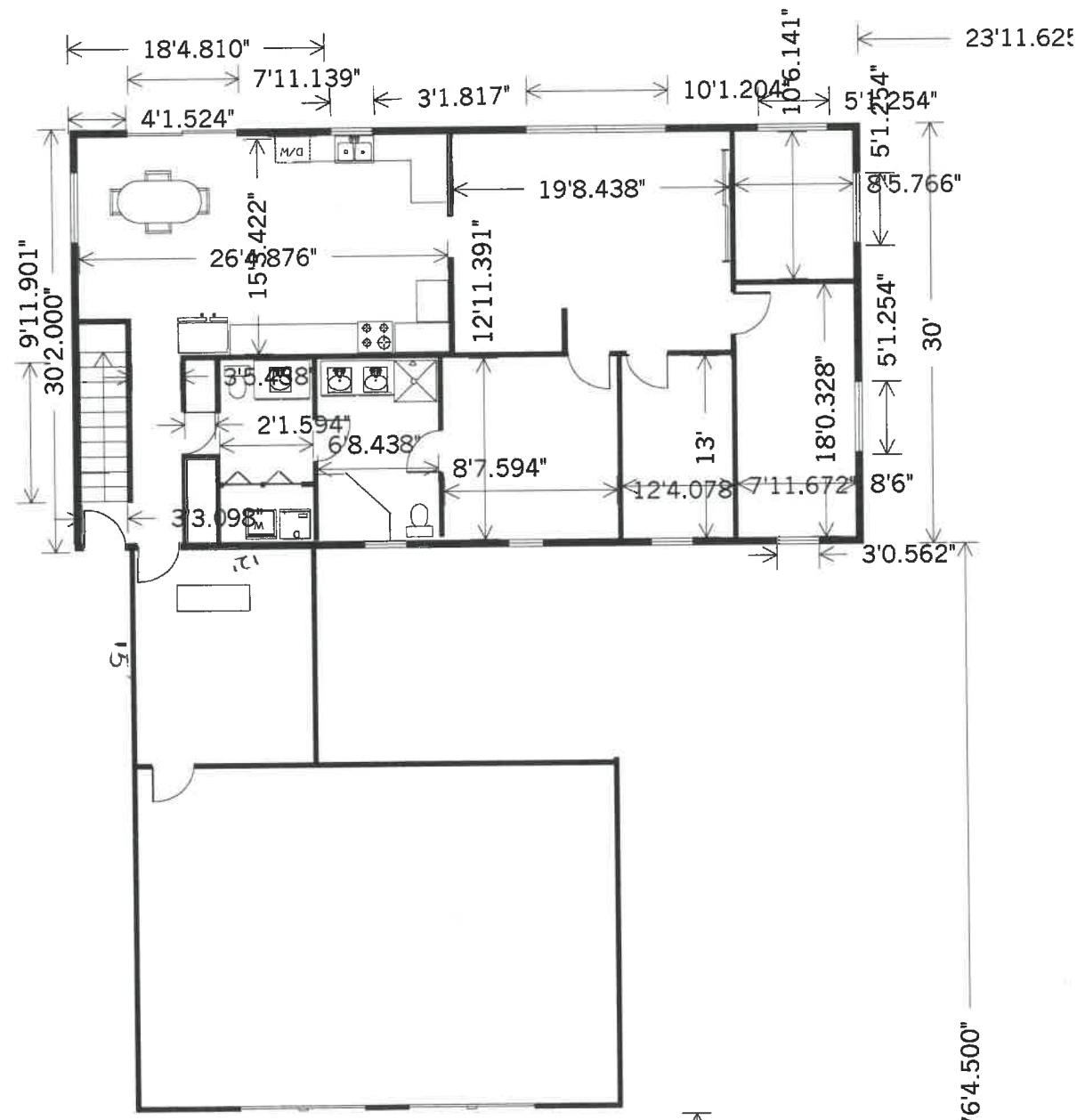
#3

Jerry Apt.  
to provide  
updated plan.

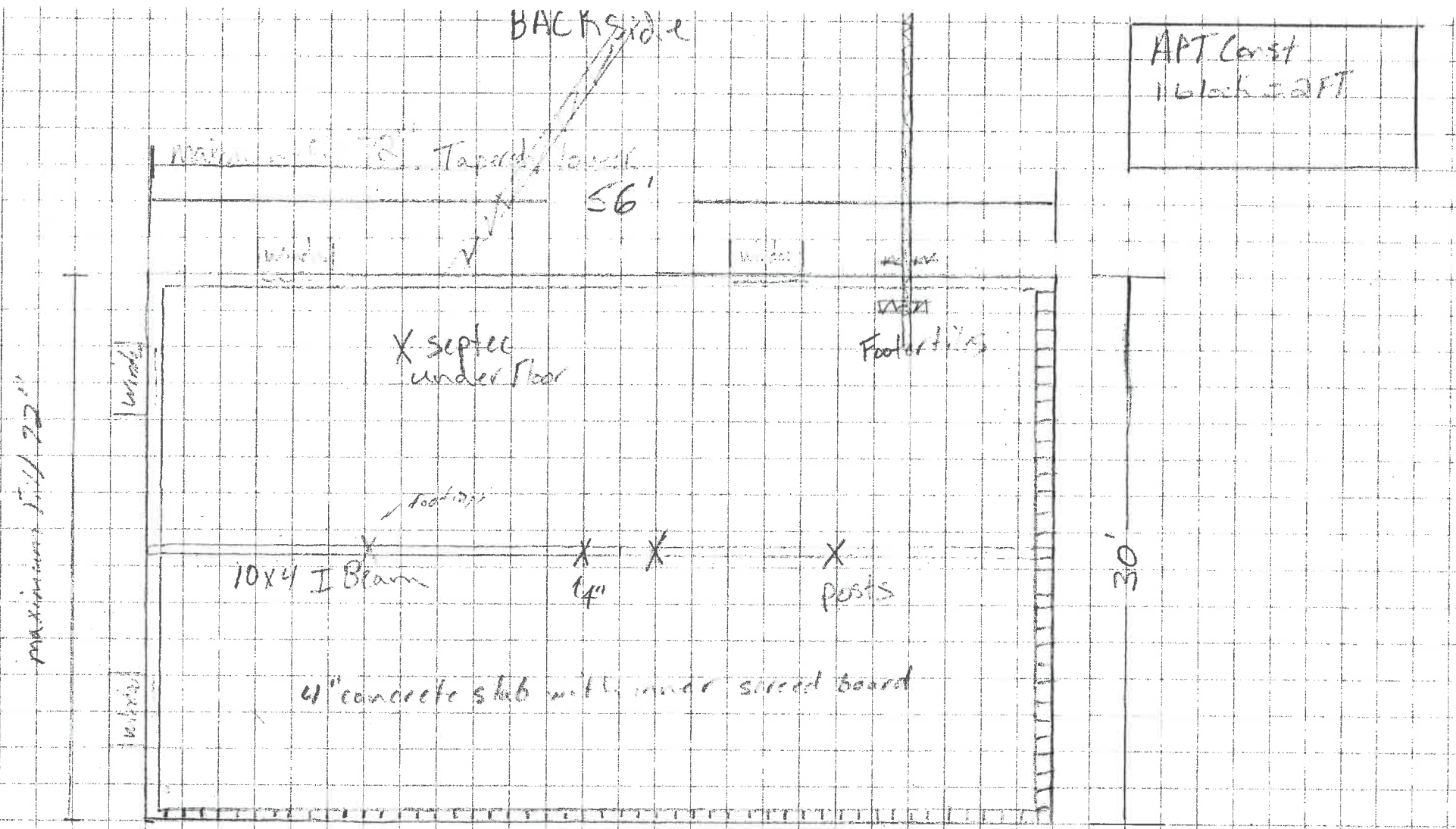


56'

37.008'



- 76'4.500"

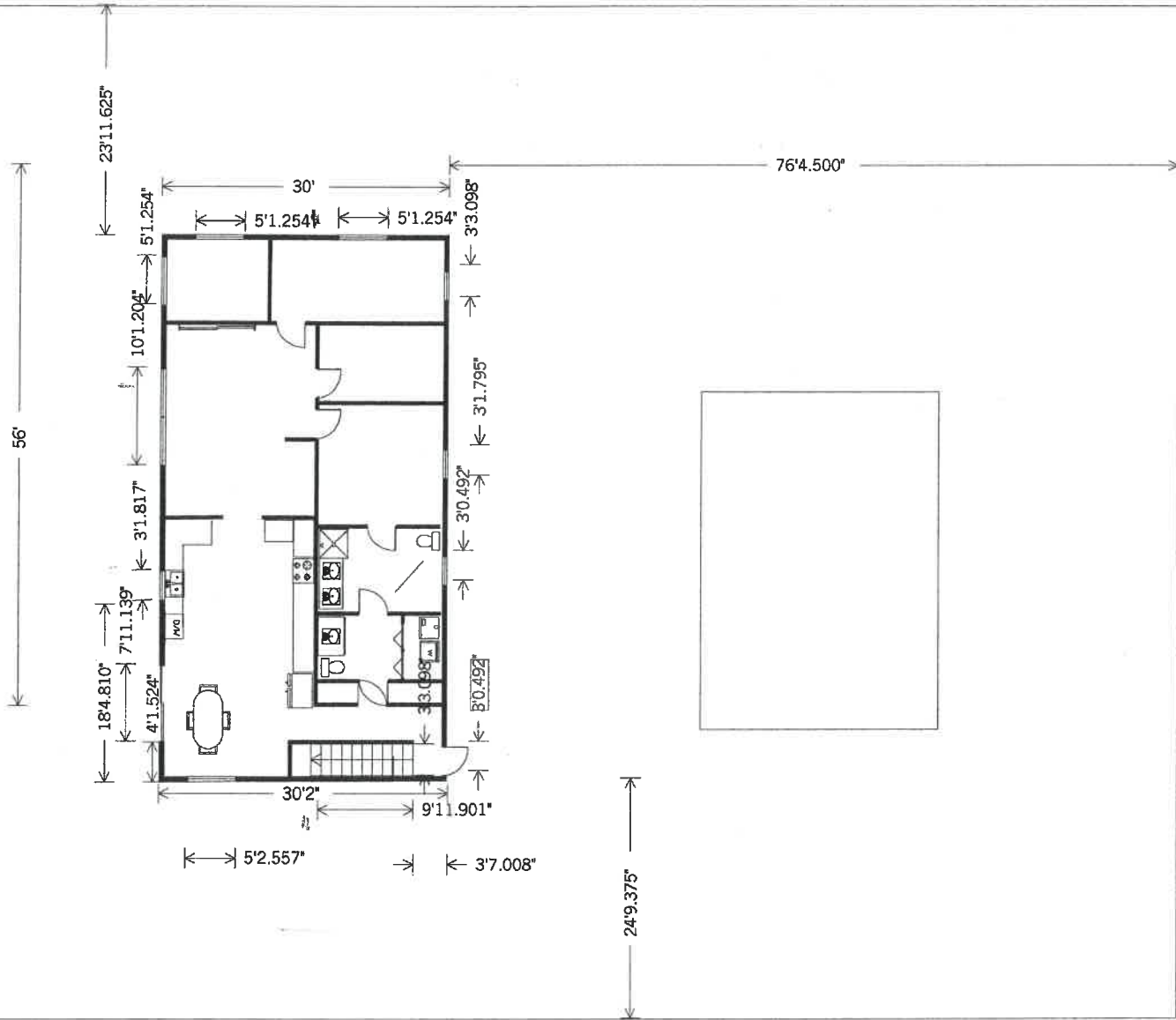


APT Const  
1 block 3 FT

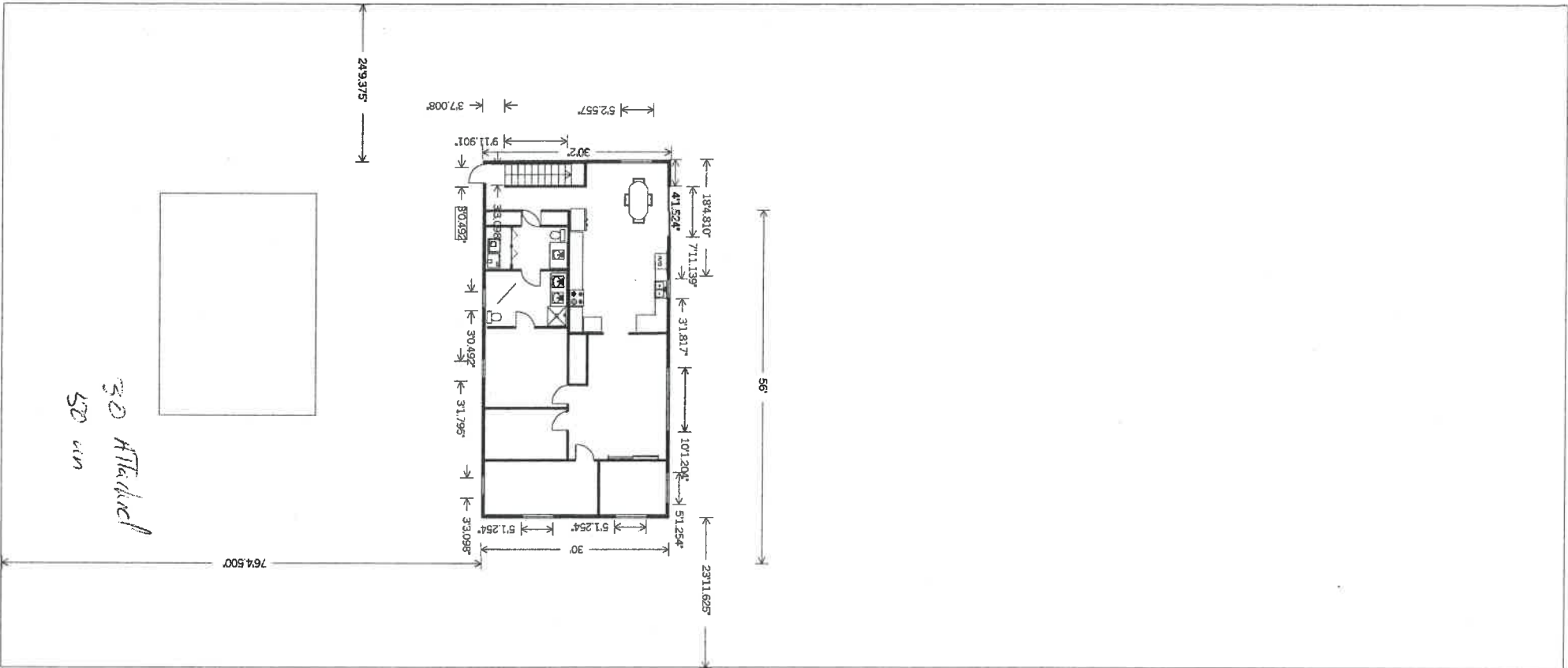
Maximum Fill 22"

- 2x8 wall studs on 16" centers
- 2x8 Base plate anchored to footers
- 6x12 Footers At 4' below Existing Ground level  
polyethylene sheeting on outside, backfill with  
plaster
- Floor Joist on 16" centers notched 2'x12' with plywood up 3/4" to hold ends  
Blocking on subwalls

plastic?  
tar?



SS nails  
 24"x24" x 8" post base (including 4" slab)  
 Plastic on outside? mils -  
 Sealer on outside?  
 2"x12" nailing & layout according to fig. 22  
 end wall searing? Figure 21?



30 Attached  
50 in



**FIGURE 20**

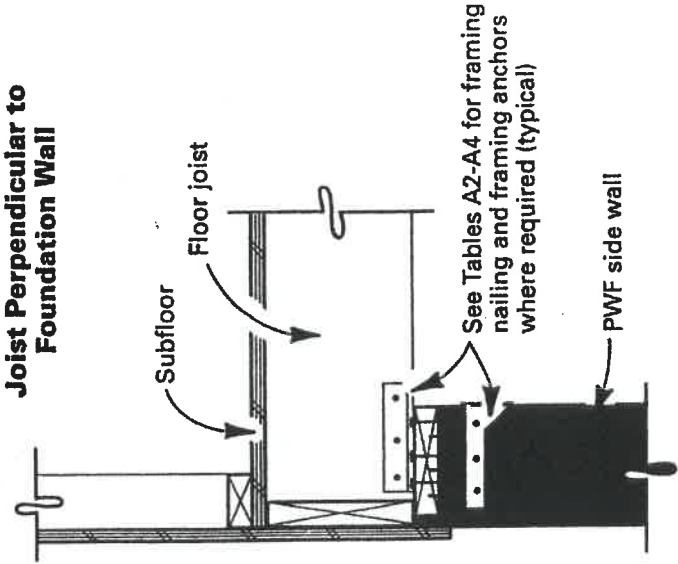
Fastening Foundation  
Side Walls to Floor  
System

■ PRESSURE-TREATED  
SOUTHERN PINE

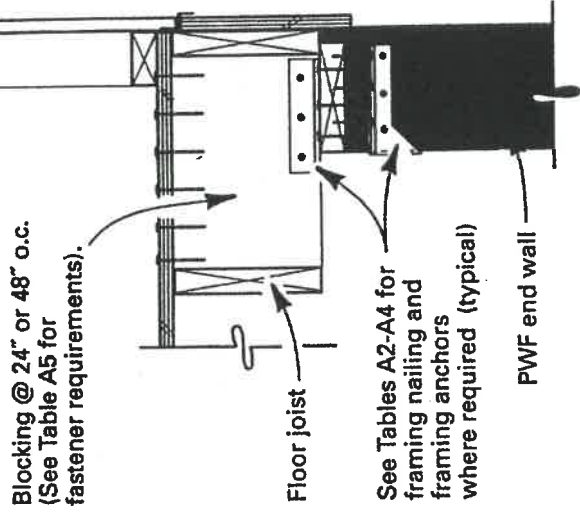
**FIGURE 21**

Fastening Foundation  
End Walls to Floor  
System

**Joist Perpendicular to  
Foundation Wall**



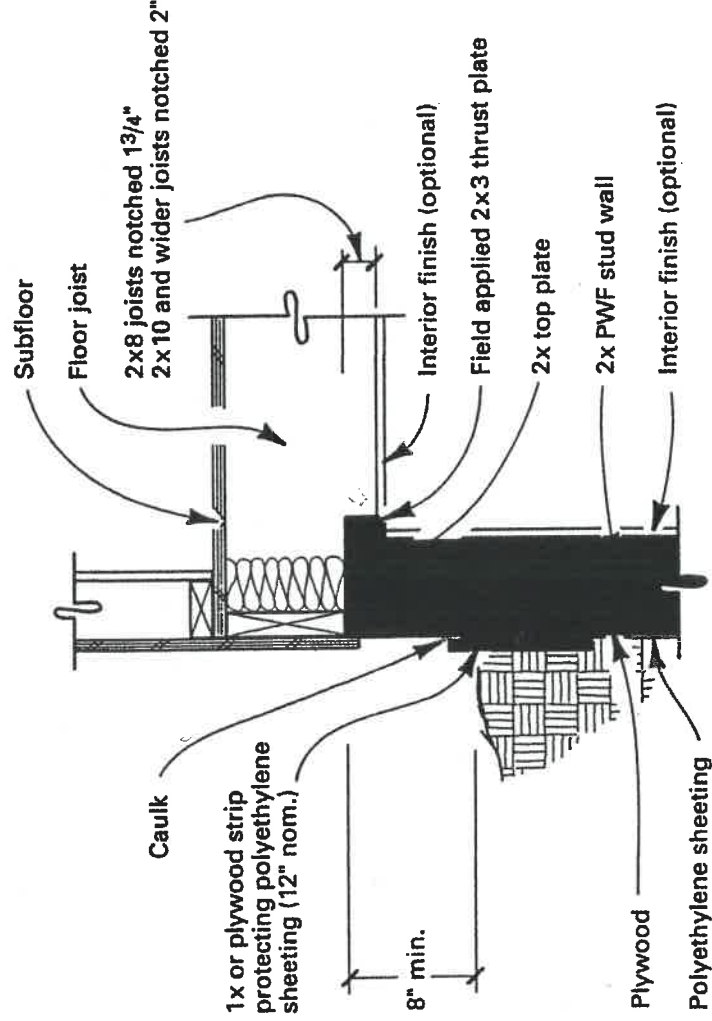
**Joists Parallel to  
Foundation Wall**



**FIGURE 22**

Fastening Foundation  
Side Walls to Floor  
System

Alternate Method\*



*Note:* Nailing to be as normally required for shallow or no fill. Lateral soil forces transferred through 2 x 3 thrust plate.



**TABLE A3 -- MINIMUM NAILING SCHEDULES: TOP PLATE-TO-STUD AND PLATE-TO-PLATE CONNECTIONS<sup>1</sup>**

Height of Fill (inch)	End-nail treated top plate to treated studs		Face-nail untreated top plate to treated top plate	
	Nail Size <sup>2</sup>	Number per Joist	No overlap of plywood	3/4" (min.) plywood overlap
24	16d	2	Nail Size <sup>2</sup> 10d	Nail Size <sup>2</sup> 10d
48	16d	2	Spacing (inch) 8	Spacing (inch) 8
72	16d <sup>3</sup>	3	Spacing (inch) 8	Spacing (inch) 8
86	20d <sup>3</sup>	3	Spacing (inch) 6	Spacing (inch) 6
			Spacing (inch) 34	Spacing (inch) 34
			Nail Size <sup>2</sup> 10d	Nail Size <sup>2</sup> 10d
			Spacing (inch) 16	Spacing (inch) 16
			Spacing (inch) 16	Spacing (inch) 16
			Spacing (inch) 8	Spacing (inch) 8

- 1 Based on 30 pcf equivalent-fluid density soil pressure and dry Southern Pine lumber.
- 2 Hot-dipped, hot-tumbled or stainless-steel common wire nails.
- 3 Alternatively, may use "U" type framing anchor or banger with nails and steel plate meeting requirements of DFI (see 2.4) and having a minimum load capacity (five plus dead load, normal duration) of 340 pounds in Southern Pine lumber.
- 4 Alternatively, two nails 2-1/2 inches apart across the grain at twice the spacing indicated may be used.

**TABLE A4 -- MINIMUM NAILING SCHEDULES: FLOOR JOISTS TO WALL CONNECTIONS<sup>1</sup>**

Height of Fill (inch)	Joists Perpendicular to Wall					
	Joist Spacing (inch)	Toe-Nail <sup>2</sup> Header Joist to Plate		Toe-Nail <sup>2</sup> each Joist to Plate		Framing Anchor <sup>4</sup> each Joist to Plate
		Nail Size <sup>5</sup>	Spacing (inch)	Nail Size <sup>5</sup>	Number per Joist	
48 or less	16	8d	16	8d	3	none
		10d	16	10d	2	none
	24	8d	8	8d	3	none
		10d	8	10d	2	none
72	16	8d	8	8d	3	none
		10d	8	10d	2	none
	24	8d	16	none	none	1
		10d	8	10d	3	none
86	16	8d	16	none	none	1
		8d	8	none	none	1
	24	8d	4	none	none	1
		8d	4	none	none	1
Height of Fill (inch)	Joists Parallel to Wall					
	Blocking <sup>3</sup> between joists, spacing (inch)	Toe-Nail <sup>2</sup> End Joist to Plate		Toe-Nail <sup>2</sup> Blocking to Plate		Framing Anchor <sup>4</sup> each Block to Plate
		Nail Size <sup>5</sup>	Spacing (inch)	Nail Size <sup>5</sup>	Number per Block	
48 or less	No Blocking	8d	4	none	none	none
		8d	4	8d	3	none
	48	10d	4	10d	2	none
		10d	6	10d	4	none
86	24	8d	6	none	none	1
		8d	4	none	none	1

- 1 Based on 30 pcf equivalent-fluid density soil pressure and dry Southern Pine lumber.
- 2 Toe-nails driven at angle of approximately 30° with the piece and started approximately one-third the length of the nail from the end or edge of the piece.
- 3 See Table A5 for additional spacing requirements for blocking, and for subfloor to blocking nailing schedule.
- 4 Framing anchors shall have a minimum load capacity (five load plus dead load, normal duration) of 320 pounds in Southern Pine lumber.
- 5 Common wire steel nails.

## MINIMUM STRUCTURAL REQUIREMENTS

### TABLE 8 – BASEMENT FOUNDATIONS, ONE-STORY CONSTRUCTION

Maximum Backfill Height (in.)	No. 1 Southern Pine			No. 2 or higher grade Southern Pine <sup>2</sup>		
	Stud and Plate Size (nominal in.)	Stud Spacing (inches o.c.)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)
86	2 x 6	12	36	40	36 (No.1)	40
	2 x 8	16	36	40	36	40
72	2 x 6	16	36	40	36	40
60	2 x 6	16	36	40	36	40
48 or less <sup>1</sup>	2 x 6	16	36	40	36	40

<sup>1</sup> For backfill heights of 48 inches or less, 2x4 studs on 12 or 16 inch o.c. may be used for PWF basement walls in one-story construction. See the *DFI Manual for PWF* for complete details, available from AF&PA.

#### CONSTRUCTION PARAMETERS:

- Foundation height: 8 ft. maximum
- Roof supported on exterior bearing walls
- Floor supported on exterior and center interior bearing walls or girder beams
- Equivalent soil fluid density pressure: 30 lbs. per cu. ft.

#### LOADING CONDITIONS:

- Roof: 40 psf live (snow); 10 psf dead
- Ceiling: 10 psf dead
- First Floor: 40 psf live; 10 psf dead
- Exterior Walls: 8.1 psf dead (65 plf for 8-ft. wall)
- Foundation Walls (including wood footing plate): 6.9 psf (55 plf for 8-ft. wall)

<sup>2</sup> Except use No.1 Southern Pine where indicated.

### TABLE 9 – BASEMENT FOUNDATIONS, TWO-STORY CONSTRUCTION

Maximum Backfill Height (in.)	No. 1 Southern Pine			No. 2 or higher grade Southern Pine <sup>2</sup>		
	Stud and Plate Size (nominal in.)	Stud Spacing (inches o.c.)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)
86	2 x 6	12	36	40	36 (No.1)	40
	2 x 8	16	36	40	36	40
72	2 x 6	16	32	40	32	40
	2 x 6	16	36	40	36 (No.1)	40
60	2 x 6	12	36	40	36	40
	2 x 8	16	36	40	36	40
48 or less <sup>1</sup>	2 x 6	16	36	40	36	40
	2 x 6	16	36	40	36	40

<sup>1</sup> For backfill heights of 48 inches or less, 2x4 studs on 12 or 16 inch o.c. may be used for PWF basement walls in one-story construction. See the *DFI Manual for PWF* for complete details, available from AF&PA.

#### CONSTRUCTION PARAMETERS:

- Foundation height: 8 ft. maximum
- Roof supported on exterior bearing walls
- Floor supported on exterior and center interior bearing walls or girder beams
- Equivalent soil fluid density pressure: 30 lbs. per cu. ft.

#### LOADING CONDITIONS:

- Roof: 40 psf live (snow); 10 psf dead
- Ceiling: 10 psf dead
- First Floor: 40 psf live; 10 psf dead
- Second Floor: 40 psf live; 10 psf dead
- Exterior Walls: 8.1 psf dead (65 plf for 8-ft. wall)
- Foundation Walls (including wood footing plate): 6.9 psf (55 plf for 8-ft. wall)

<sup>2</sup> Except use No.1 Southern Pine where indicated.

### TABLE 10 – NON-LOAD BEARING BASEMENT FOUNDATIONS, ONE AND TWO-STORY CONSTRUCTION

Maximum Backfill Height (in.)	No. 1 Southern Pine			No. 2 Southern Pine		
	Stud and Plate <sup>1</sup> Size (nominal in.)	Stud Spacing (inches o.c.)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)	Maximum Building Width (ft.)	Maximum Roof Live Load-Snow (psf)
86	2 x 6	12	**	**	**	**
	2 x 8	16	**	**	**	**
72	2 x 6	16	**	**	**	**
	2 x 4	12	**	**	**	**
60	2 x 6	16	**	**	**	**
	2 x 4	16	**	**	**	**
48	2 x 4	16	**	**	**	**
	2 x 4	16	**	**	**	**

\*\* Applies to all building widths and following uniform load conditions for non-load bearing basement foundation walls.

#### CONSTRUCTION PARAMETERS:

- Foundation height: 8 ft. maximum
- Roof or floors not supported on exterior wall (non-bearing except for wall dead loads).
- Equivalent soil fluid density pressure: 30 lbs. per cu. ft.

#### LOADING CONDITIONS:

- Exterior Walls: 8.1 psf dead (65 plf for 8-ft. wall)
- Foundation Walls (including wood footing plate): 6.9 psf (55 plf for 8-ft. wall)

<sup>1</sup> No. 2 or higher grade Southern Pine



**5** Select plywood fasteners: See Table A1 in Appendix III. Since there is equal backfill around the perimeter, use 16 gauge x 1-1/2 inch stainless steel staples spaced 4" o.c. at panel edges and 8" o.c. at intermediate supports. If 8d stainless steel nails are used, spacing is 6" o.c. at panel edges and 12" o.c. at intermediate supports.

**6** General nailing schedule: See Table A2 in Appendix III. Note that Table A2 is the minimum nailing schedule and that more or larger fasteners (or framing anchors) may be required, in some cases.

**7** Plate-to-stud and plate-to-plate nailing: See Table A3 in Appendix II. For 86" backfill, select four 20d end nails in studs and two rows of 10d nails spaced 6" o.c. (each row) to connect the top plates.

**8** Floor-to-joist-to-wall connection: See Tables A4 and A5 in Appendix II. Table A4 gives joist-to-wall nailing. For 86" backfill height and floor joists spaced 24" o.c., use framing anchor at each joist and blocking member, and toenail header and end joists to top plate with 8d nails spaced 4" o.c. Install blocking spaced 24" o.c. between foundation end walls and floor joists parallel to wall in accordance with Tables A4 and A5.

**9** Beam pockets in end walls: See Table 7, page 21.

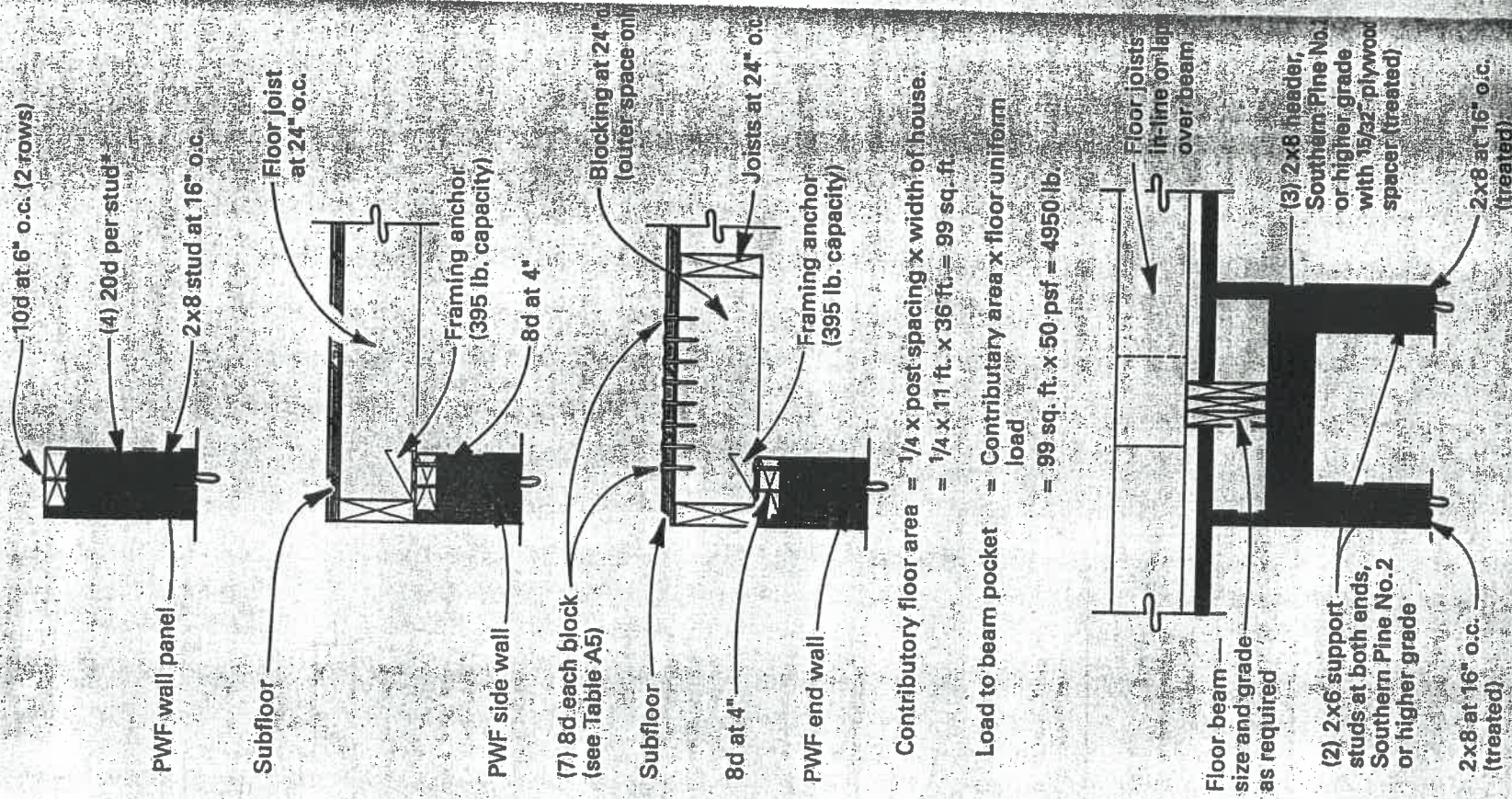
**10** Post and piers at center of house: See Figure 35. These can be the same as the posts and piers used for conventional foundations.

## FIGURE A2

### Foundation Plan

continued

■ PRESSURE-TREATED  
SOUTHERN PINE





**TABLE 11 – PLYWOOD GRADE & THICKNESS FOR BASEMENT FOUNDATIONS**

EQUIVALENT SOIL FLUID DENSITY PRESSURE – 30 LBS. PER CU. FT.

Height of fill (inches)	Stud Spacing (inches)	Face grain across studs <sup>1</sup>			Face grain parallel to studs		
		Grade <sup>2</sup>	Minimum Thickness	Span Rating	Grade <sup>2</sup>	Minimum Thickness <sup>3</sup>	Span Rating
86	12	B	19/32	40/20	A	19/32 <sup>4</sup>	40/20
	16	B	23/32 <sup>4</sup>	48/24	–	–	48/24
72	12	B	15/32 <sup>4</sup>	32/16	A	19/32	40/20
	16	B	23/32 <sup>4</sup>	48/24	B	23/32 <sup>4</sup>	48/24
60	12	B	15/32	32/16	A	19/32	40/20
	16	B	19/32 <sup>4</sup>	40/20	B	19/32 <sup>4</sup> (5-ply)	40/20
48	12	B	15/32	32/16	A	15/32 <sup>4</sup>	32/16
	16	B	19/32 <sup>4</sup>	40/20	B	19/32 <sup>4</sup> (4-ply)	40/20
36	12	B	15/32	32/16	A	15/32	32/16
	16	B	19/32	40/20	B	15/32 <sup>4</sup> (4-ply)	32/16
24	12	B	15/32	32/16	A	19/32	40/20
	16	B	19/32 <sup>4</sup>	40/20	B	23/32	48/24

<sup>1</sup> Minimum 2-inch blocking between studs required at all horizontal panel joints more than 4 feet below adjacent ground level (also where noted in construction details).

<sup>2</sup> Recommended all-veneer plywood grades marked PS1, PS2 or APA Standard PRP-108, and APA Series V-600 for Exposure 1 or APA Series V-611 for Exterior panels.

A. APA STRUCTURAL I RATED SHEATHING

B. APA-RATED SHEATHING

If a major portion of the wall is exposed above ground, a better appearance may be desired.

The following Exterior grades marked PS1, PS2 or APA Standard PRP-108, and APA Series V-611 would be suitable:

A. APA STRUCTURAL I A-C, APA STRUCTURAL I B-C or APA STRUCTURAL I C-C (Plugged).

B. APA A-C EXTERIOR Group 1, APA B-C EXTERIOR Group 1, APA C-C (Plugged) EXTERIOR Group 1,

APA MDO EXTERIOR Group 1, or ungrooved APA-RATED SIDING 303 Group 1.

Use of plywood marked PS2 or PRP-108 should be confirmed per local code requirements.

<sup>3</sup> When face grain is parallel to studs, all-veneer plywood panels of the required thickness, grade and Span Rating may be of any construction permitted except as noted in the table for minimum number of plies required.

<sup>4</sup> For this fill height, thickness and grade combination, panels which are continuous over less than three spans require blocking 16 inches above the bottom plate. Offset adjacent blocks and fasten through studs with two 16d corrosion resistant nails at each end.