

PERMIT
 CITY OF NAPOLEON, OHIO - BUILDING DEPARTMENT
 255 West Riverview Avenue, Napoleon, Ohio 43545 - (419) 592-4010

Permit No. <u>2970</u> Issued <u>7-12-93</u> Job Location <u>1160 CHESTERFIELD</u> Lot <u>18</u> <u>TWIN OAKS 1ST ADDITION</u> Issued by <u>BRENT N. DAMMAN</u> Owner <u>JIM FITZENREITER</u> <u>598-8481</u> Address <u>16-929 RD. V, RT. 4,</u> <u>NAPOLEON, OHIO</u> Agent <u>MIKE HURST CONSTR.</u> <u>267-3303</u> Address <u>21-395 RD. V, NAPOLEON, OHIO</u> Use Type - Residential <u>XX</u> Other - Describe _____ No. Dwelling Units <u>1</u> New <u>X</u> Replacement _____ Add'n. <u>Alter</u> <u>Remodel</u> _____ Mixed Occupancy _____ Change of Occupancy _____ Estimated Cost \$ <u>140,000.00</u>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">FEES</th> <th style="text-align: right;">BASE</th> <th style="text-align: right;">PLUS</th> <th style="text-align: right;">TOTAL</th> </tr> <tr> <td><input checked="" type="checkbox"/> Building</td> <td style="text-align: right;">\$ 9.00</td> <td style="text-align: right;">\$ 264.80</td> <td style="text-align: right;">\$ 273.80</td> </tr> <tr> <td><input checked="" type="checkbox"/> Electrical</td> <td style="text-align: right;">\$ 15.00</td> <td style="text-align: right;">\$ 75.00</td> <td style="text-align: right;">\$ 90.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> Plumbing</td> <td style="text-align: right;">\$ 9.00</td> <td style="text-align: right;">\$ 42.00</td> <td style="text-align: right;">\$ 51.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> Mechanical</td> <td style="text-align: right;">\$ 18.00</td> <td style="text-align: right;">\$ 14.00</td> <td style="text-align: right;">\$ 32.00</td> </tr> <tr> <td><input type="checkbox"/> Demolition</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> </tr> <tr> <td><input type="checkbox"/> Zoning</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> </tr> <tr> <td><input type="checkbox"/> Sign</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> </tr> <tr> <td><input checked="" type="checkbox"/> Water Tap</td> <td style="text-align: right;">\$ 650.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$ 650.00</td> </tr> <tr> <td><input type="checkbox"/> Sew. Insp.</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$</td> </tr> <tr> <td><input checked="" type="checkbox"/> Sewer Tap</td> <td style="text-align: right;">\$ 60.00</td> <td style="text-align: right;">\$ 220.98</td> <td style="text-align: right;">\$ 280.98</td> </tr> <tr> <td><input checked="" type="checkbox"/> Temp. Water</td> <td style="text-align: right;">\$ 5.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$ 5.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> Temp. Elec.</td> <td style="text-align: right;">\$ 10.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$ 10.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL FEES.....</td> <td style="text-align: right;">\$1392.78</td> </tr> <tr> <td colspan="3" style="text-align: right;">LESS FEES PAID.....</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">BALANCE DUE.....</td> <td style="text-align: right;">\$1392.78</td> </tr> </table>	FEES	BASE	PLUS	TOTAL	<input checked="" type="checkbox"/> Building	\$ 9.00	\$ 264.80	\$ 273.80	<input checked="" type="checkbox"/> Electrical	\$ 15.00	\$ 75.00	\$ 90.00	<input checked="" type="checkbox"/> Plumbing	\$ 9.00	\$ 42.00	\$ 51.00	<input checked="" type="checkbox"/> Mechanical	\$ 18.00	\$ 14.00	\$ 32.00	<input type="checkbox"/> Demolition	\$	\$	\$	<input type="checkbox"/> Zoning	\$	\$	\$	<input type="checkbox"/> Sign	\$	\$	\$	<input checked="" type="checkbox"/> Water Tap	\$ 650.00	\$	\$ 650.00	<input type="checkbox"/> Sew. Insp.	\$	\$	\$	<input checked="" type="checkbox"/> Sewer Tap	\$ 60.00	\$ 220.98	\$ 280.98	<input checked="" type="checkbox"/> Temp. Water	\$ 5.00	\$	\$ 5.00	<input checked="" type="checkbox"/> Temp. Elec.	\$ 10.00	\$	\$ 10.00	TOTAL FEES.....			\$1392.78	LESS FEES PAID.....			\$	BALANCE DUE.....			\$1392.78
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ZONING INFORMATION

district S	lot dimensions IRREGULAR	area 22,107	front yd 40	side yd 15	rear yd 20
max hgt 35	no pkg spaces 2	no ldg spaces	max cover 30%	petition or appeal req'd	date appr

WORK INFORMATION

Size: Length 48'6" Width 73 Stories 1 Ground Floor Area 2086 S.F.

Height 20 Building Volume (for Demo. Permit) _____

BASEMENT FLOOR AREA = 915 S.F. GARAGE FLOOR AREA = 633 S.F.

Electrical: _____

Plumbing: _____

Mechanical: _____

Additional Information: NEW HOME.

PAID

JUL 30 1993

CITY OF NAPOLEON

Date 7/12/93 Applicant Signature Michael R. Hurst

APPLICATION FOR

Residential, Building, Electrical, Plumbing, Mechanical, and Demolition Permit
 FROM - The City of Napoleon, Ohio, Building Department
 255 West Riverview Avenue; P.O. Box 151; Napoleon, Ohio 43545 - Telephone (419) 592-4010

ENTRY NO. _____
 PERMIT NO. 2970 ISSUED 7-12-93
 JOB LOCATION 1160 Chesterfield
 LOT 18 Twin Oaks 1st Add.
 (Subdivision or Legal Description)
 ISSUED BY BND
 (Building Official)

OWNER JIM FITZGERALD PHONE 598-9481
 ADDRESS 16929 Rd V R-4 Napoleon, OH 43545
 AGENT Mike Hurst Const. PHONE 267-3303
 ADDRESS 21-395 Rd V Napoleon, Ohio
 USE: Residential Commercial Industrial
 Other _____
 WORK: New Addition Replacement Remodel

	Base	Plus	Total
<input checked="" type="checkbox"/> Building	\$ <u>9.00</u>	\$ <u>264.80</u>	\$ <u>273.80</u>
<input checked="" type="checkbox"/> Electrical	\$ <u>15.00</u>	\$ <u>75.00</u>	\$ <u>90.00</u>
<input checked="" type="checkbox"/> Plumbing	\$ <u>9.00</u>	\$ <u>42.00</u>	\$ <u>51.00</u>
<input checked="" type="checkbox"/> Mechanical	\$ <u>18.00</u>	\$ <u>14.00</u>	\$ <u>32.00</u>
<input type="checkbox"/> Demolition	\$ _____	\$ _____	\$ _____
<input type="checkbox"/> Zoning	\$ _____	\$ _____	\$ _____
<input type="checkbox"/> Sign	\$ _____	\$ _____	\$ _____
<input checked="" type="checkbox"/> Water Tap	\$ <u>650.00</u>	\$ _____	\$ <u>650.00</u>
<input checked="" type="checkbox"/> Sewer Tap	\$ <u>60.00</u>	\$ <u>220.98</u>	\$ <u>280.98</u>
<input checked="" type="checkbox"/> Temp Water	\$ <u>5.00</u>	\$ _____	\$ <u>5.00</u>
<input checked="" type="checkbox"/> Temp Elec.	\$ <u>10.00</u>	\$ _____	\$ <u>10.00</u>

ESTIMATED COST = \$ 140,000.00

Additional Plan Review: Structure _____ Hours _____
 Electric _____ Hours _____

TOTAL FEES \$ 1392.78
 Less Fees Paid \$ _____
 BALANCE DUE \$ 1392.78

ZONING INFORMATION

District	Lot Dimensions	Area	Front Yard	Side Yard	Rear Yard
<u>S</u>	<u>irregular</u>	<u>22,107</u>	<u>40</u>	<u>15</u>	<u>20</u>
Max Height	No. Pkg. Spaces	No. Ldg. Spaces	Max Cover	Petition or Appeal Required-Date	
<u>35'</u>	<u>2</u>		<u>30%</u>		

WORK INFORMATION

Building: Ground Floor Area 2,086 sq. ft. Basement Floor Area 915 sq. ft.
 Garage Floor Area 633 sq. ft. 2nd Floor Area 0 sq. ft. Other _____ sq. ft.
 Size: Width 93' Length 48-6" Stories 1 Height 20'
 Building Volume (for Demolition Permit) _____ cubic feet
 Description of Work: NEW HOME

ELECTRICAL: Contractor Brandt Bros. Inc. Phone 267-3640
Address Box 158 Ridgville Crows ESTIMATED COST = \$ 4650.00
Type of Work: New () Service Change () Rewiring () Add'l Wiring TEMPORARY ELEC. REQUIRED - Yes () No
Size of Service 200 Amp Underground Overhead _____ Number of New Circuits 25

Description of Work: _____

PLUMBING: Contractor MIKE HURST CONST. Phone 267-3303
Address 21-995 Rdw Rt#4 Napoleon, OHIO ESTIMATED COST = \$ 4650.00

WATER TAP REQUIRED - Yes () No Size _____ Type of Pipe PVC-DWV Water Dist. Pipe _____
SANITARY SEWER TAP REQUIRED - () Yes () No Size _____ Type of Pipe _____ Dr. Waste Vt. Pipe _____
STREET SEWER TAP REQUIRED - Yes () No Type of Pipe _____ STREET TO BE OPENED - () Yes No
Main Building Drain Size = _____ Main Vent Pipe Size = _____

LIST NUMBER OF PLUMBING FIXTURES BELOW:
Water Closets = 3 Bathtubs = 2 Showers = 0 Lavatories = 4 Kitchen Sinks = 1 Disposal = 1
Clothes Washer = 1 Floor Drains = 1 Dishwasher = 1 Other 14 total Total = 5,000.00

Description of Work: _____

MECHANICAL: Contractor Brandt Bros. Inc. Phone 267-3640
Address Box 158 Ridgville Crows ESTIMATED COST = \$ 6350.00

HEATING SYSTEM - Forced Air () Gravity () Hot Water () Steam () Unit Heaters () Radiant () Baseboard
TYPE OF FUEL - () Electric Natural Gas () Propane () Wood () Coal () Solar () Geothermal Other _____
NUMBER OF HEAT ZONES = _____ HOT WATER - () One (1) Pipe () Two (2) Pipes () Series Loop
ELECTRIC HEAT - Number of Circuits _____ Number of Furnaces 1 Number of Hot Air Runs 16
Number of Hot Water Radiators _____ Total Heat Loss _____ Rated Capacity of Furnace/Boiler 95000
LOCATION OF HEATING UNITS - Crawl Space () Floor Level () Attic () Suspended () Roof () Outside

Description of Work: _____

DRAWINGS REQUIRED: All applications must be accompanied by two (2) complete sets of Drawings including Site Plans, Foundation Plans, Floor Plans, Structural Framing Plans, Exterior Elevations, Section and Details, Stair Details, Electrical Layout, Plumbing Isometric, Heating Layout, etc. All Plans shall be drawn to scale, show all existing structure on the Site Plans, and show electric panel and furnace locations.

READ AND SIGN BELOW: The undersigned hereby makes application for a Permit for all work described herein and agrees to complete the work in strict accordance with all applicable provisions of the current edition of the C.A.B.O. Building Code, the Napoleon Building and Zoning Codes, the Napoleon Engineering Department Rules and Regulations, Standard Specifications and other pertinent sections of the Napoleon Code of Ordinances.

Signature of Applicant Michael R. Hurst Date July 12, 1993

WATER TAPPING PERMIT

issued by

The Napoleon Water Distribution Department

255 West Riverview Ave. Napoleon, Ohio 43545 Pn. 592-4010

Permit No. W- 0137 Issued _____ Received of _____ (\$ _____) .00

(Charge for tapping permit to supply water service to) Lot No. _____ Sub Div. _____

Street No. _____ Tap Size _____ " Cost \$ _____ .00 Plumber _____

Date completed _____ Approved by _____

water distribution dept.

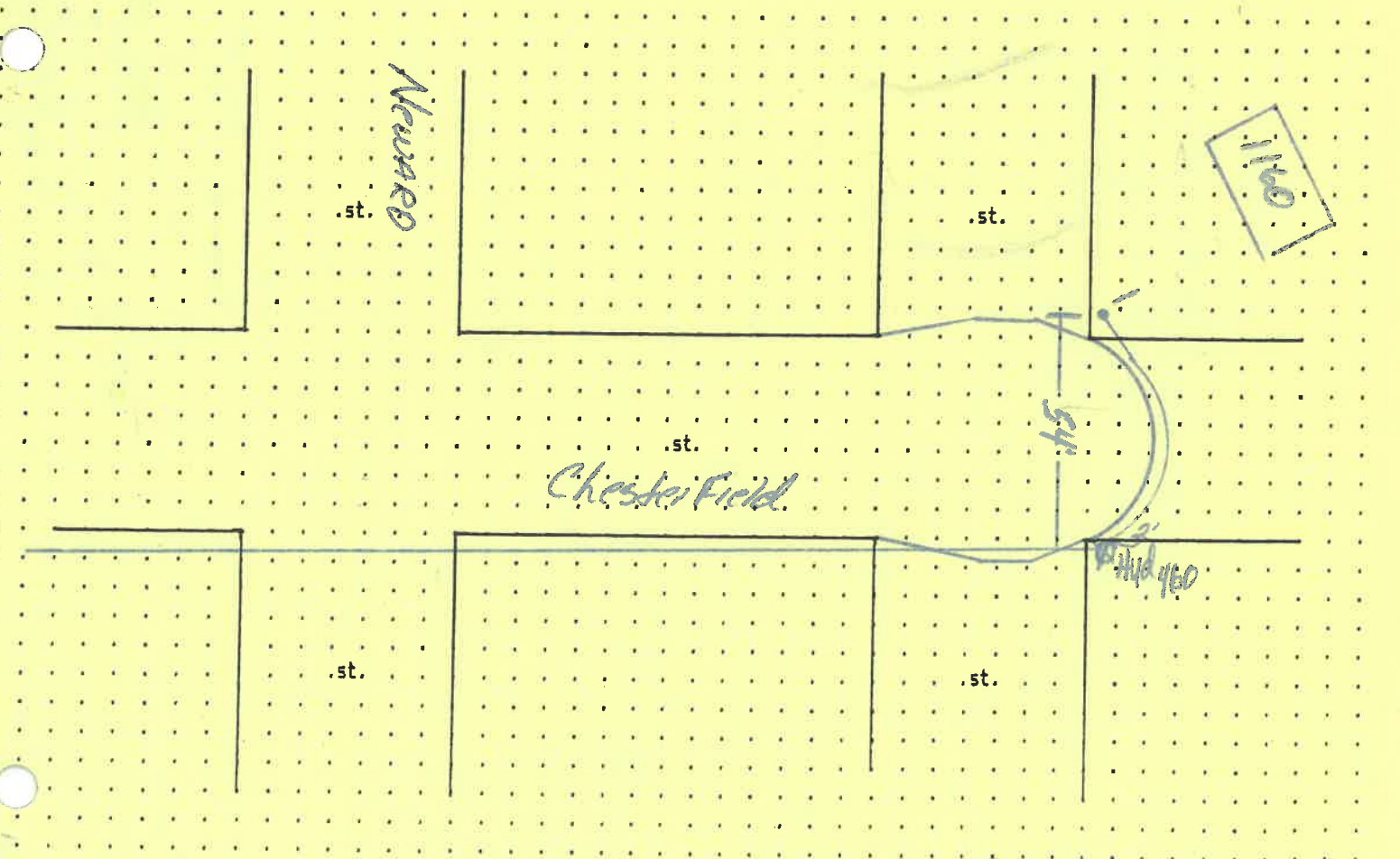
finance director

Name _____ Size of tap 1" Date 8-30-93 Street and No. 1160 Chester Field

Old Tap No. _____ New Tap No. 9364 Size and Kind of Main 8" C-900

Location of Main middle of cul-de-sac Depth of Main 5'

Distance from Hydrant/Valve 2'E of Hyd 460 Distance to Curb Stop from Corp. 54'



METER YOKE RELEASE

This document is for the release of **one (1)** Water Meter Yoke for Residential water service lines.

RELEASE NO. 0042
PERMIT NO. 2970 ISSUED 7-15-93
JOB LOCATION 1160 Chesterfield
 - Inside City Limits () - Outside City Limits
ISSUED BY BND
OWNER James Fitzreider
ADDRESS 16-929 Co. Rd. V Napoleon, Oh
CONTRACTOR Mike Hurst Construction
ADDRESS 21-395 Rd. V Napoleon, Ohio
CONTRACTOR'S PHONE NO. _____
WATER TAP SIZE: = 1" () = 1-1/2" () = 2"
WATER METER s# _____
 - New Dwelling () - Existing Dwelling

Water Service Line to be Type (K) Copper or (CTS) Polyethelene Tubing of one inch (1") minimum.

Watts No. 7 Dual check required () = Yes () = No

Water Meter Yoke installation is subject to the following conditions:

- 1.) Must be located in an accessible area.
- 2.) Must be in an area not subject to freezing temperatures.
- 3.) Must be eighteen inches (18") above floor level, **not in crawl spaces**, unless circumstances dictate.
- 4.) Must comply with the mounting criteria and clearances as set forth in **DRAWING #04403901**.

* Lawn Hydrants

METER YOKE RELEASE

This document is for the release of **one (1)** Water Meter Yoke for Residential water service lines.

RELEASE NO. 0046
PERMIT NO. 2970 ISSUED 8-19-93
JOB LOCATION 1160 Chesterfield
 - Inside City Limits () - Outside City Limits
ISSUED BY BND
OWNER James Fitzenrider
ADDRESS 16-929 Co. Rd. V Napoleon, Oh
CONTRACTOR Mike Harst Construction
ADDRESS 21-395 Rd. V Napoleon, Oh
CONTRACTOR'S PHONE NO. _____
WATER TAP SIZE: = 1" () = 1-1/2" () = 2"
WATER METER s# _____
 - New Dwelling () - Existing Dwelling

Water Service Line to be **Type (K) Copper or (CTS) Polyethelene Tubing of one inch (1") minimum.**

Watts No. 7 Dual check required = Yes () = No

Water Meter Yoke installation is subject to the following conditions:

- 1.) Must be located in an accessible area.
- 2.) Must be in an area not subject to freezing temperatures.
- 3.) Must be eighteen inches (18") above floor level, **not in crawl spaces, unless circumstances dictate.**
- 4.) Must comply with the mounting criteria and clearances as set forth in **DRAWING #04403901.**

WATER TOWER

Water tower is a structure that stores water at an elevated position to provide pressure to water distribution systems. It is a type of gravity-fed water supply system.

The water tower consists of a cylindrical tank supported by a lattice structure. The tank is divided into two sections: a lower section for water storage and an upper section for water distribution. The water is pumped into the lower section and then flows into the upper section.

The water tower is designed to maintain a constant water level in the upper section, which provides a constant pressure to the water distribution system. The water is distributed to the water mains and then to the individual buildings.

The water tower is a key component of a water distribution system. It provides a reliable source of water and ensures that the water is delivered to the buildings at a constant pressure.

The water tower is also used for fire protection. It provides a high-pressure source of water that can be used to extinguish fires. The water tower is a critical component of a fire protection system.

The water tower is a simple and effective way to provide water to a community. It is a key component of a water distribution system and is used for a variety of purposes.

The water tower is a key component of a water distribution system. It provides a reliable source of water and ensures that the water is delivered to the buildings at a constant pressure.

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METER YOKE RELEASE

This document is for the release of one (1) Water Meter Yoke for Residential water service lines.

RELEASE NO. 0042

PERMIT NO. 2970 ISSUED 7-15-93

JOB LOCATION 1160 Chesterfield

- Inside City Limits () - Outside City Limits

ISSUED BY BMD

OWNER James Fitzmaurice

ADDRESS 16-929 Co. Rd. V Napoleon, Oh

CONTRACTOR Mike Hurst Construction

ADDRESS 21-395 Rd. V Napoleon, Ohio

CONTRACTOR'S PHONE NO. _____

WATER TAP SIZE: = 1" () = 1-1/2" () = 2"

WATER METER S# _____

- New Dwelling () - Existing Dwelling

Water Service Line to be Type (K) Copper or (CTS) Polyethelene Tubing of one inch (1") minimum.

Watts No. 7 Dual check required () = Yes () = No

Water Meter Yoke installation is subject to the following conditions:

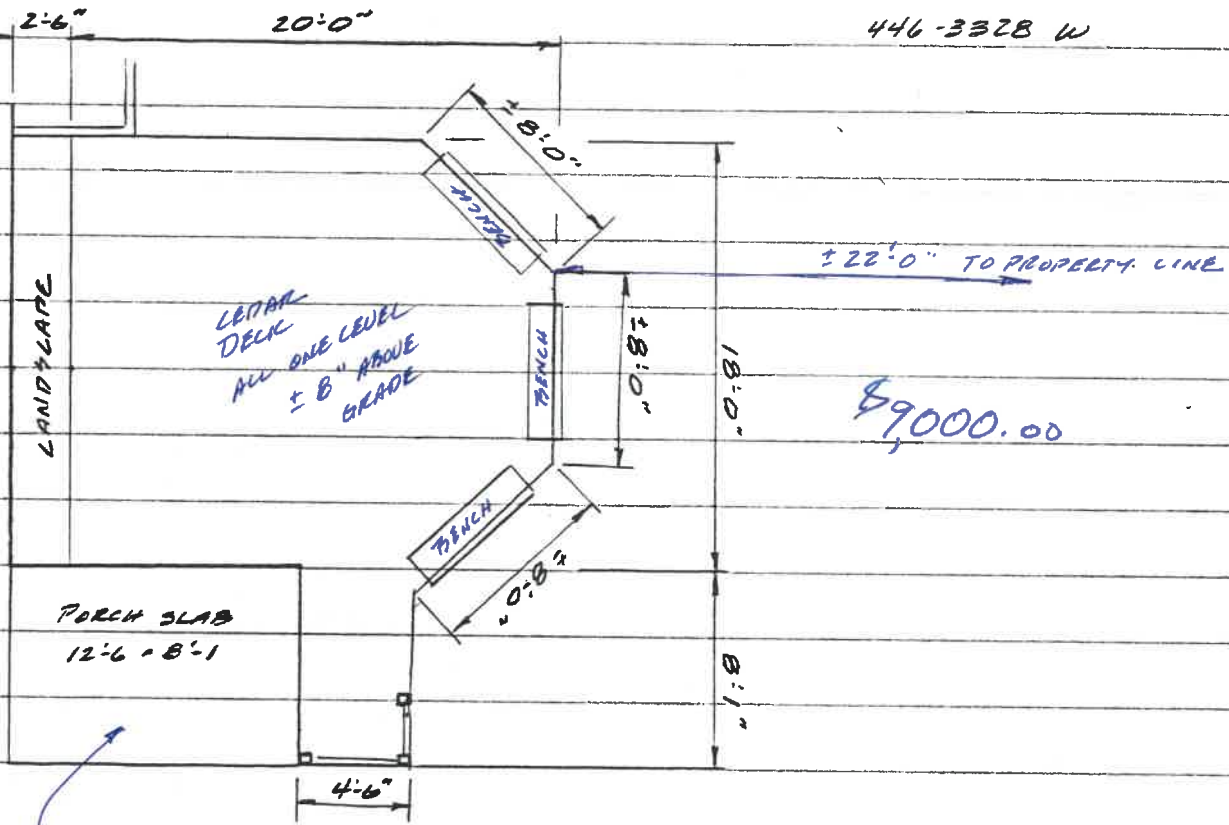
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- 2.) Must be in an area not subject to freezing temperatures.
- 3.) Must be eighteen inches (18") above floor level, **not in crawl spaces**, unless circumstances dictate.
- 4.) Must comply with the mounting criteria and clearances as set forth in **DRAWING #04403901.**

1160 Chesterfield

JIM FITZGERALD

599-1160 H

446-3328 W



BRENT, REALLY DO NOT HAVE ANYTHING TO SHOW YOU ON THE PORCH. WE'RE FILLING THE 2 OPEN SIDES W/ 3-6' ANDERSON PATIO FLOORS. CALL IF YOU HAVE ANY QUESTIONS. MIKE HURST WILL START IN ± 2 WEEKS.

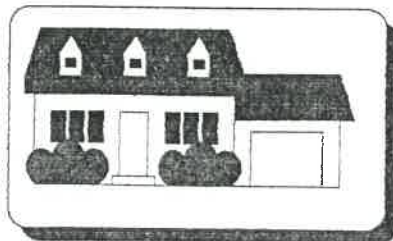
- 17. 60% OF LINE 13 DIVIDED BY LINE 16a: 172 L.F. soffit vent needed
- 18. 40 % OF LINE 13 DIVIDED BY LINE 15a: 64 L.F. ridge vent needed _____
Vents needed _____
- 19. 60% OF LINE 14 DIVIDED BY LINE 16a: 51 L.F. soffit vent needed
- 20. 40 % OF LINE 14 DIVIDED BY LINE 15a: 19 L.F. ridge vent needed _____
Vents needed _____

RECOMMENDATIONS

- 21. ADD 120 L.F. OF SOFFIT VENTING 30 L F Garage area
- 22. ADD _____ L.F. OF RIDGE VENT - 1/2" x 1/2" x 1/2"
- 23. ADD _____ ROOF VENTS a. TYPE: _____
- 24. ADD _____ GABLE END VENTS

PREPARED BY: Burt A. Rammann DATE: 3/10/94
 TITLE: Building & Zoning Admin.

CITY OF NAPOLEON BUILDING DEPARTMENT
 255 W. Riverview Napoleon, Ohio Phone. 592-4010 Fax. 599-8393



1

ATTIC VENTILATION AUDIT

1. DATE: 3/10/94 2. BUILDING PERMIT #: 2970
3. LOCATION: 1160 Chesterfield
4. OWNER: James Fitzenrider PH: 599-1160

CURRENT ATTIC CONDITION INFORMATION

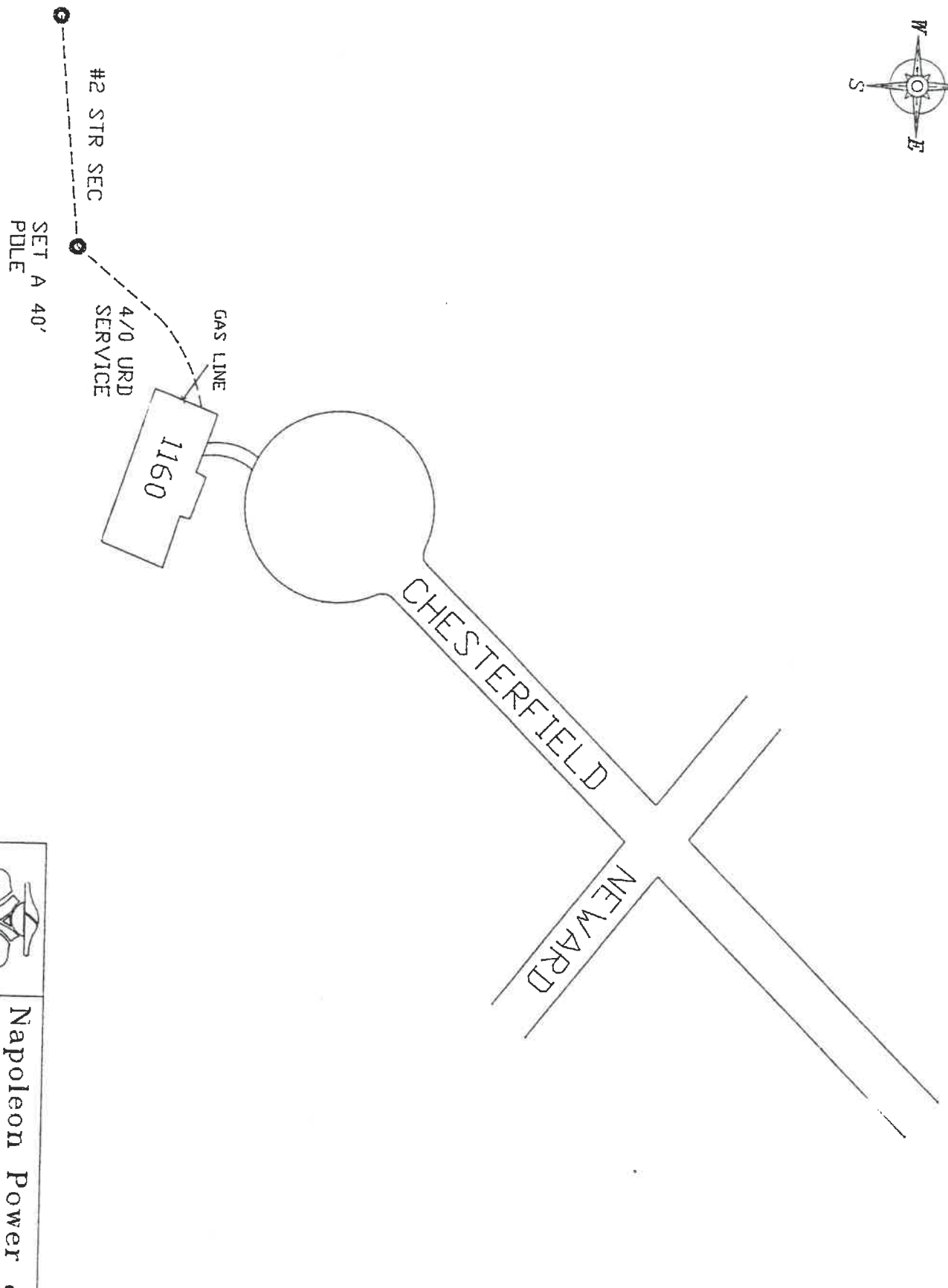
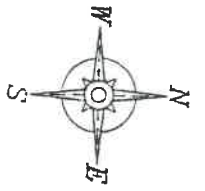
5. O. D. TEMP.: 27 O. D. R.H.: 60% I D R. H. - 46%
6. L. A. ATTIC TEMP.: 31 L. A. ATTIC R. H.: 66% I D Temp - 68
7. G. A. ATTIC TEMP.: 31 G. A. ATTIC R. H.: 66%

EXISTING ATTIC VENTILATION & CALCULATIONS

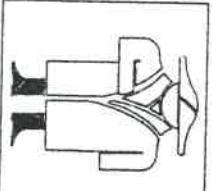
8. LIVING AREA GROSS ATTIC FLOOR AREA: 2000 s.f.
9. GARAGE AREA GROSS ATTIC FLOOR AREA: 600 s.f.
10. RATIO 100 : 1 (For each 100 s.f. of gross attic floor area : 1 s.f. of free vent area)
11. LIVING AREA FREE VENT AREA NEEDED: 20 s.f.
12. GARAGE AREA FREE VENT AREA NEEDED: 6 s.f.
13. LIVING AREA FREE VENT AREA CONVERTED TO SQ. IN.: 2880
14. GARAGE AREA FREE VENT AREA CONVERTED TO SQ. IN.: 864
15. TYPE OF RIDGE VENT: Plastic Mesh
a. FREE AIR AREA 18 SI L.F. X EA. _____
16. TYPE OF SOFFIT VENT: alum. Perfor.
a. FREE AIR AREA 10 SI L.F. X EA. _____

10-10-10

10-10-10



DUPPS# - 1004JAB52



Napoleon Power & Light

ITEM	1775 Industrial Drive Napoleon, Ohio		
DATE	W.O.#	J.O.#	DRAWN BY
10/4/93	30519	101266	MTD

Rough Framing

8-18-93

Jim Fitzmaurice

Mike Harst

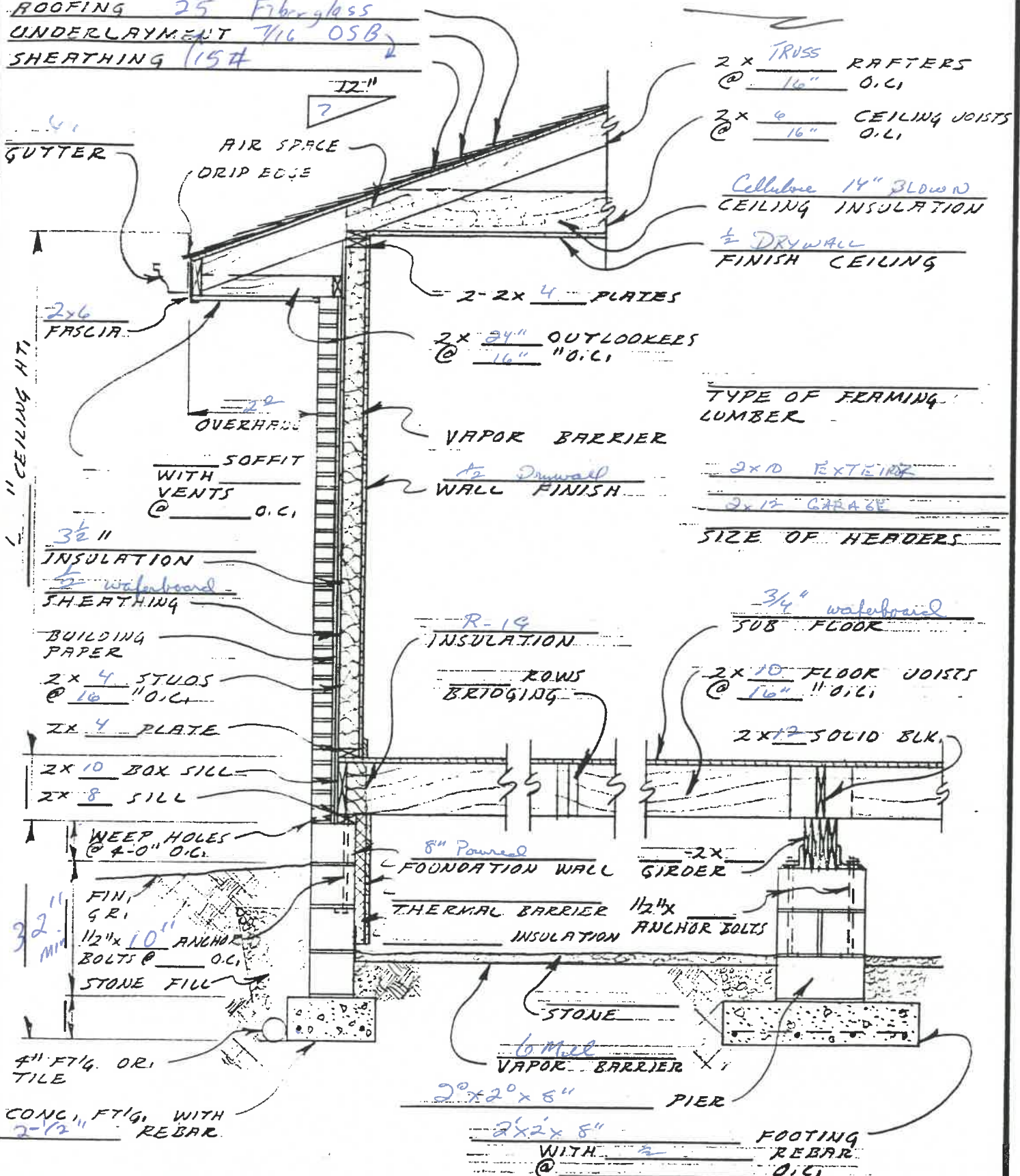
9:30am

1160 Chesterfield

NAPOLEON BUILDING DEPARTMENT (SAMPLE DRAWING)

1160 Chesterfield

VENTS Ridge
 ROOFING 25 Fiberglass
 UNDERLAYMENT 7/16 OSB
 SHEATHING 1/2"



2x TRUSS RAFTERS
 @ 16" O.C.

2x CEILING JOISTS
 @ 16" O.C.

Cellulose 14" BLOWN
 CEILING INSULATION

1/2 DRYWALL
 FINISH CEILING

2-2x4 PLATES
 2x 24" OUTLOOKERS
 @ 16" O.C.

TYPE OF FRAMING LUMBER

2x10 EXTERIOR
 2x12 GARAGE

SIZE OF HEADERS

R-19 INSULATION

ROWS BRIDGING

3/4" waterboard
 SUB FLOOR

2x10 FLOOR JOISTS
 @ 16" O.C.

2x12 SOLID BLK.

8" Poured
 FOUNDATION WALL

2x GIRDER

THERMAL BARRIER
 INSULATION

1/2" x ANCHOR BOLTS

STONE
 6 mil VAPOR BARRIER

20x20x8" PIER

2x2x8" WITH REBAR
 @ O.C. FOOTING

12" AIR SPACE
 DRIP EDGE
 GUTTER

2x6 FASCIA

AIR SPACE
 DRIP EDGE

VAPOR BARRIER

1/2 DRYWALL
 WALL FINISH

SOFFIT WITH VENTS
 @ O.C.

3 1/2" INSULATION
 1/2" waterboard
 SHEATHING

BUILDING PAPER

2x4 STUDS
 @ 16" O.C.

2x4 PLATE

2x10 BOX SILL

2x8 SILL

WEEP HOLES
 @ 4-0" O.C.

FINI GR.

1/2" x 10" ANCHOR BOLTS
 @ O.C.

STONE FILL

4" FT/4. OR
 TILE

CONC. FT/4. WITH REBAR.
 2-1/2"

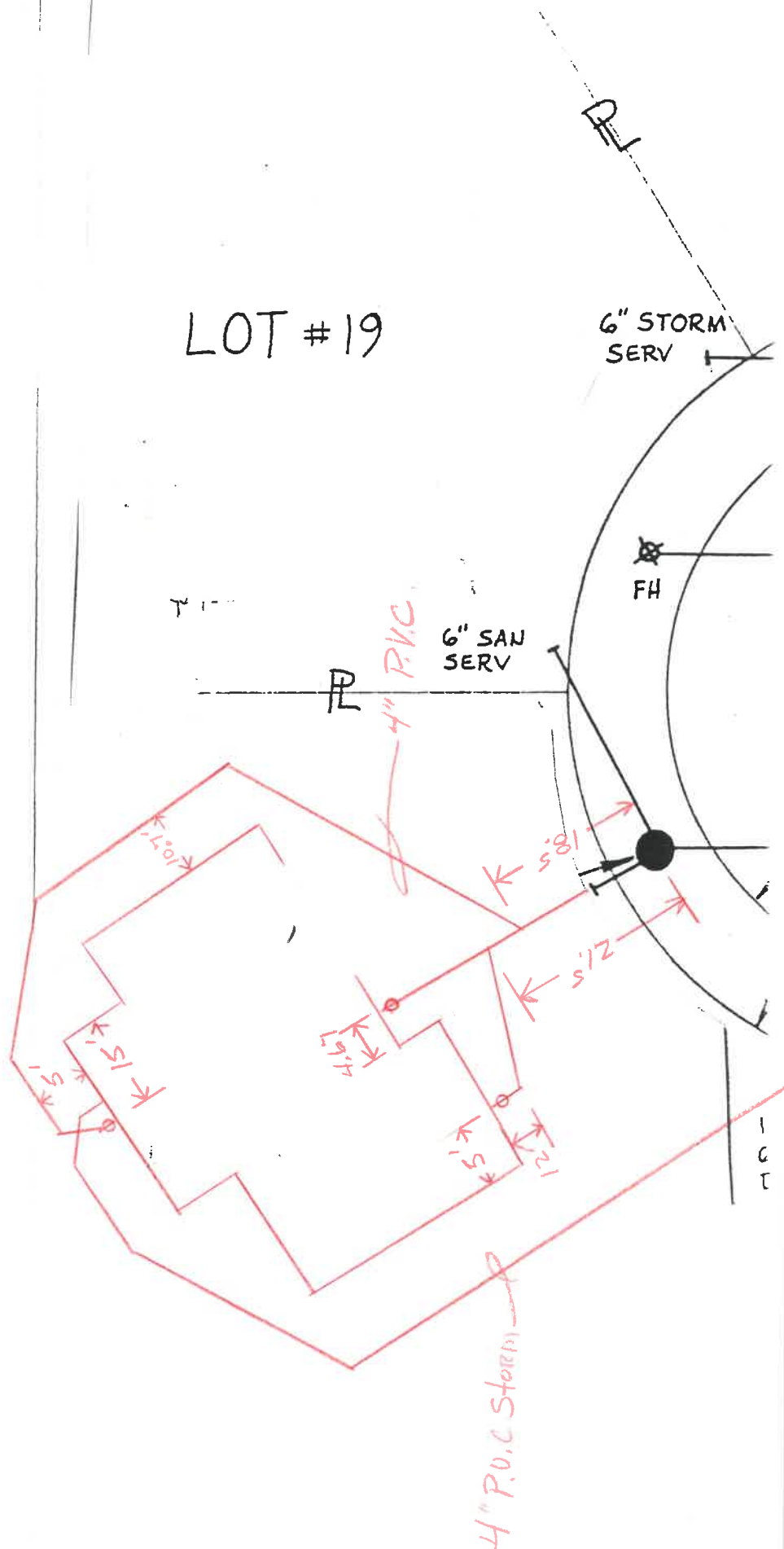
DATE

WALL SECTION - BRICK VENEER

DWG N° OF

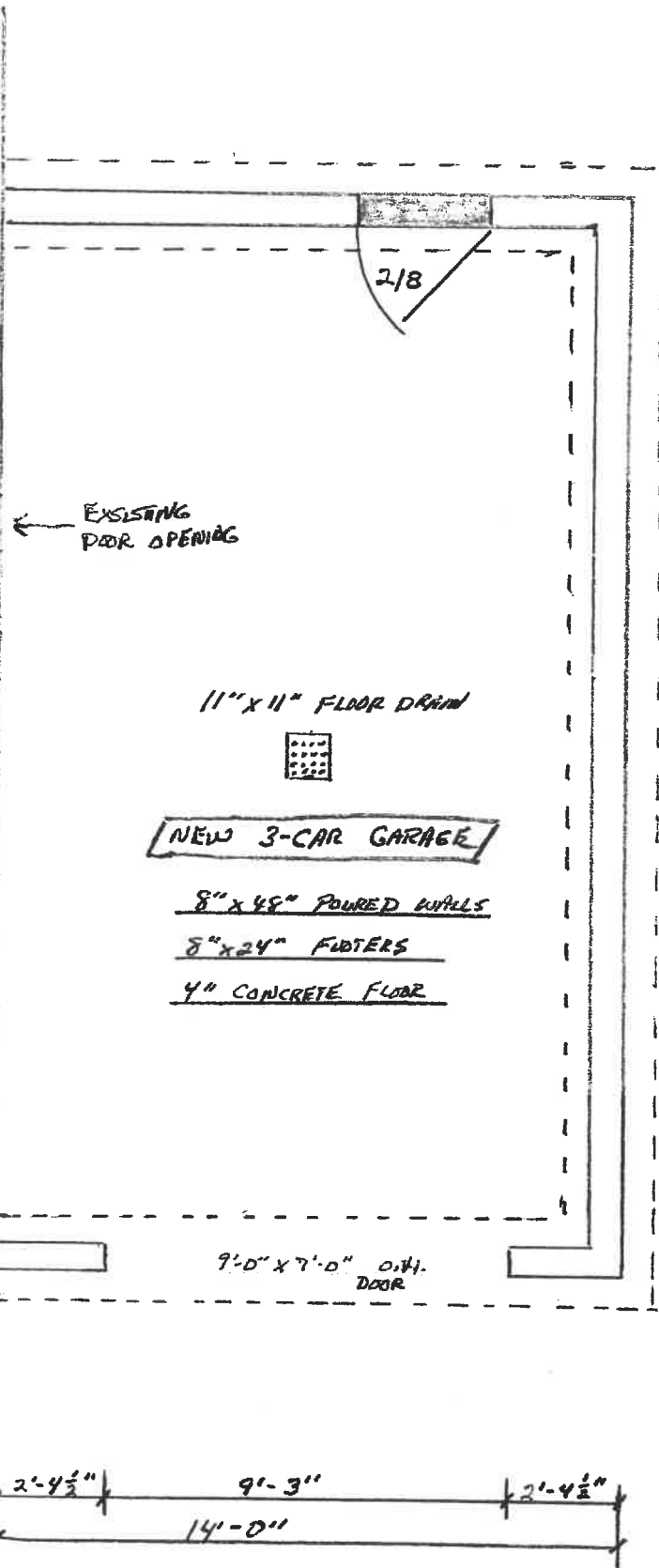
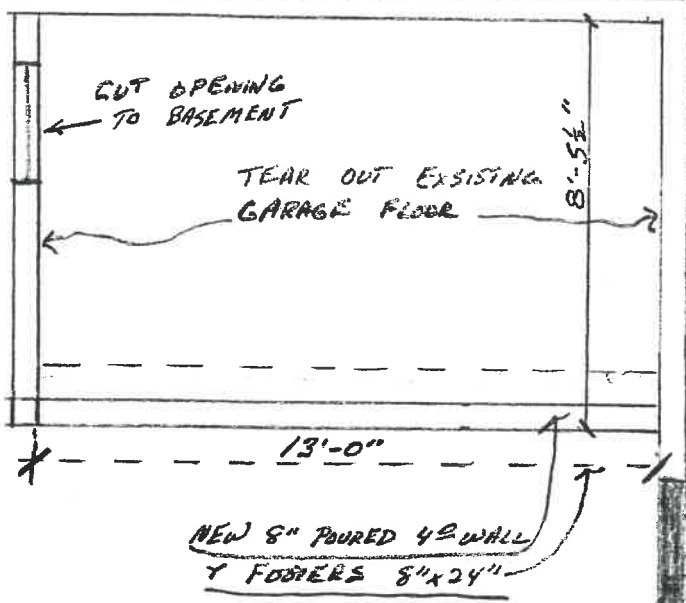
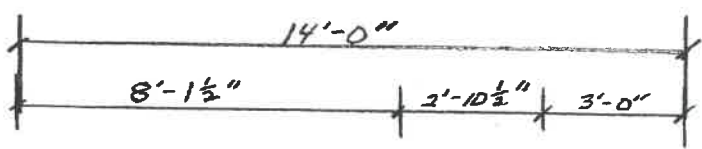
8-20-93
1160 Chestersfield

LOT #19



AC
UNIT

EXISTING
M. BED ROOM



EXISTING
GARAGE

FOR: JIM FITZREITER	
GARAGE BAY -	336 SQ. FT.
M. BATH -	104 SQ. FT.
TOTAL	440 SQ. FT.
BY: MIKE HURST CONST.	

NORTH
↓

Job HURST	Truss	Truss Type ATTIC	Qty 1	Ply 1	Job Reference (optional)
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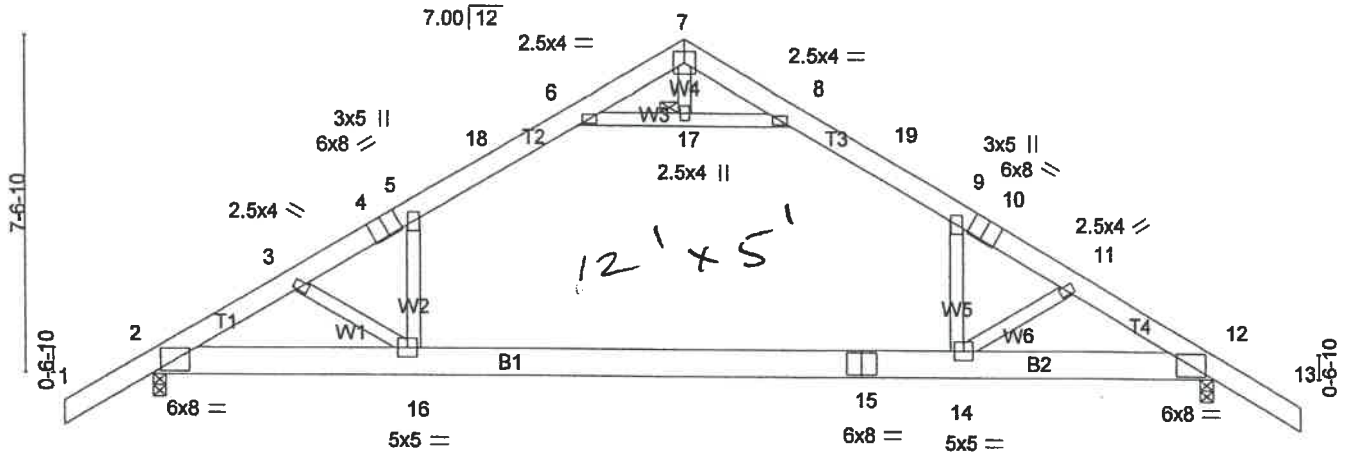
T & M SUPPLY, STRYKER, OHIO 43557

7.120 s Apr 9 2009 MiTek Industries, Inc. Mon Apr 26 15:16:46 2010 Page 1

-2-0-0	3-4-4	5-10-4	9-9-14	12-0-0	14-2-2	18-1-12	20-7-12	24-0-0	26-0-0
2-0-0	3-4-4	2-6-0	3-11-10	2-2-2	2-2-2	3-11-10	2-6-0	3-4-4	2-0-0

6x6 =

Scale = 1:51.9



3-4-4	5-10-4	18-1-12	20-7-12	24-0-0
3-4-4	2-6-0	12-3-8	2-6-0	3-4-4

Plate Offsets (X,Y): [4:0-4-0,Edge], [10:0-4-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	1-4-0	TC 0.87	Vert(LL)	-0.40 14-16	>714	360	MT20	244/190
TCDL 10.0	Plates Increase 1.15	BC 0.50	Vert(TL)	-0.73 14-16	>390	180		
BCLL 0.0	Lumber Increase 1.15	WB 0.20	Horz(TL)	0.03 12	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Attic	-0.21 14-16	708	360		
	Code IBC2006/TPI2002						Weight: 177 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1
 BOT CHORD 2 X 8 SYP No.1
 WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 JOINTS 1 Brace at Jt(s): 17

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1303/0-1-9 (input: 0-3-8), 12=1303/0-1-9 (input: 0-3-8)
 Max Horz 2=150(LC 8)
 Max Uplift 2=-77(LC 9), 12=-77(LC 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/48, 2-3=-2342/0, 3-4=-2013/0, 4-5=-1955/0, 5-18=-1475/23, 6-18=-1377/49, 6-7=0/554,
 7-8=0/554, 8-19=-1377/49, 9-19=-1475/23, 9-10=-1955/0, 10-11=-2013/0, 11-12=-2342/0, 12-13=0/48
 BOT CHORD 2-16=0/1979, 15-16=0/1492, 14-15=0/1492, 12-14=0/1979
 WEBS 6-17=-2170/0, 8-17=-2170/0, 5-16=0/959, 9-14=0/959, 3-16=-599/47, 11-14=-599/48, 7-17=0/158

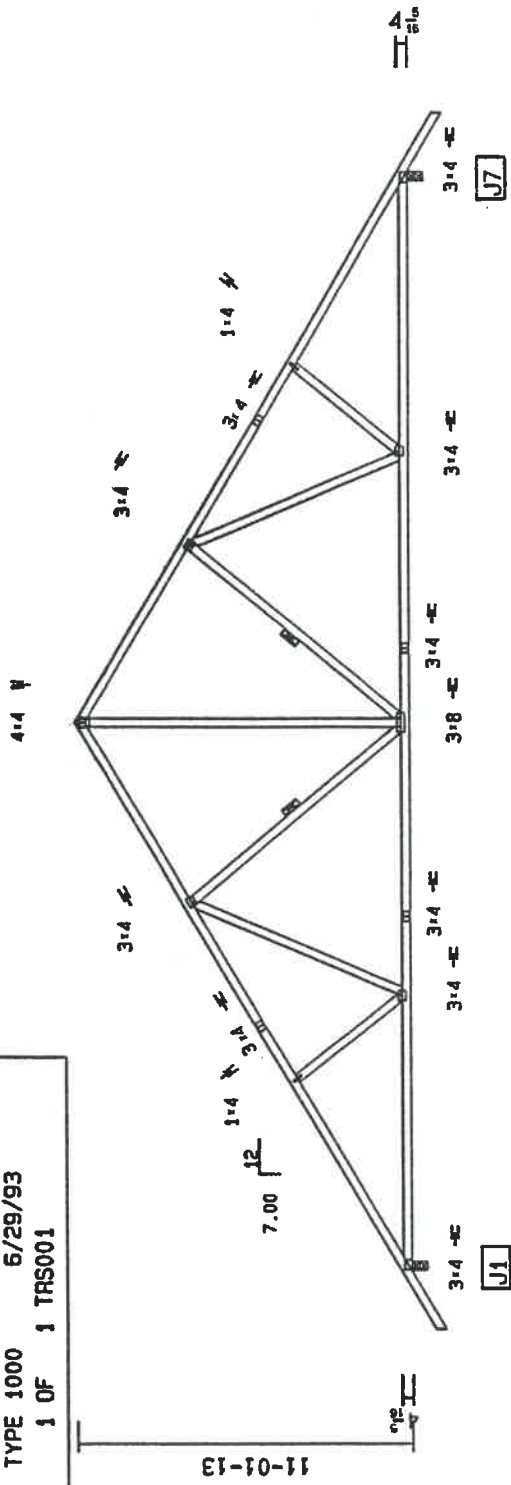
113.68

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.15 plate grip DOL=1.15
- TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pf=25.0 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Fully Exp.; Ct= 1
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- Ceiling dead load (10.0 psf) on member(s). 5-6, 8-9, 6-17, 8-17
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-16
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 77 lb uplift at joint 2 and 77 lb uplift at joint 12.
- This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSITPI 1.
- Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

JOB FITZENREITER
 TYPE 1000 6/29/93
 1 OF 1 TRS001



TC	24	6-05-11	6-00-02	6-00-02	6-00-02	6-00-02	6-05-11	24
BC		9-05-13	9-00-03	9-00-03	9-00-03	9-00-03	9-05-13	

TCLL = 25.0 PSF
 TCDL = 10.0 PSF
 BCLL = 0.0 PSF
 BCDL = 10.0 PSF

SPACING = 1-04-00
 INCR: P=0.98 L=1.15
 BUTT CUT= 0 1/4"

REACTIONS MIN (LBS) BRG (IN)
 J 1 = -1203 3.5
 J 7 = -1203 3.5

37-00-00
 L/DEF = 37/0.16 = 999, CAMB = 0 1/8"
 20 GA. M20 PLATES 258 PSI GRS (MAX)

MITEK INDUSTRIES, INC.
 FITZENREITER

CONFORMS TO TPI 91 REPETITIVE INCR

----- TOP CHORD - CSR = 0.293-----
 2X 4 NO 1 SYP
 C 1 = -1777 C 3 = -1101 C 5 = -1594 C 7 = 1535 C 9 = 1244
 C 2 = -1594 C 4 = -1101 C 6 = -1777 C 8 = 1244 C 10 = 1535

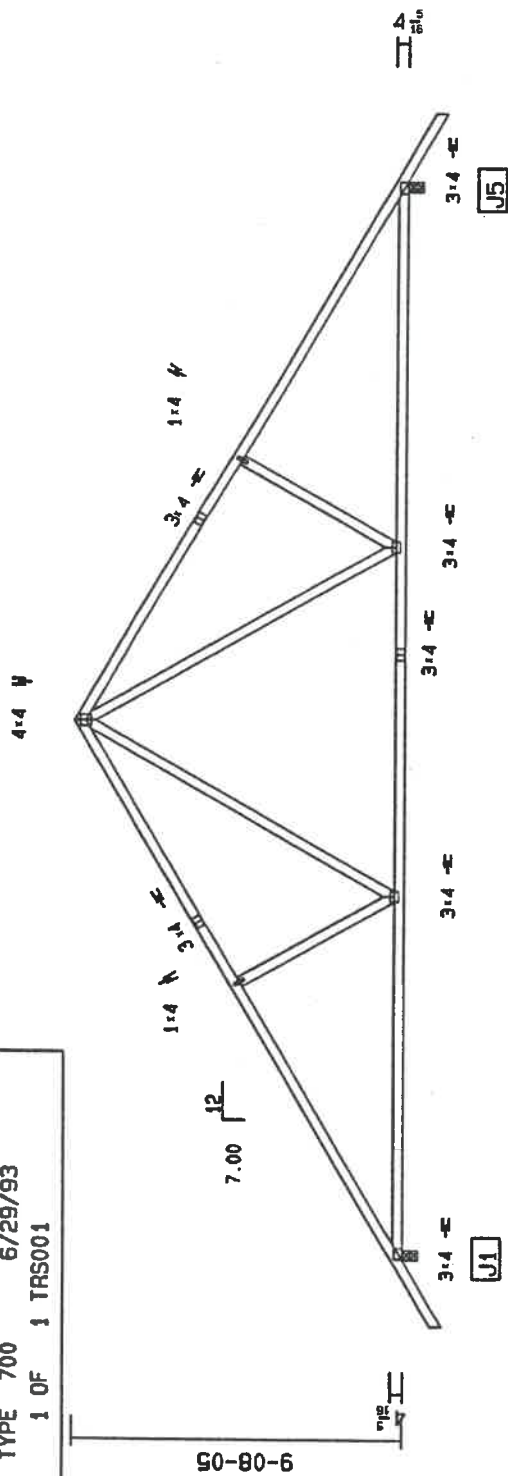
----- BOTTOM CHORD - CSR = 0.463-----
 2X 4 NO 1 SYP
 W 1 = -254 W 4 = 829 W 7 = -254
 W 2 = 348 W 5 = -459
 W 3 = -459 W 6 = 348

----- WEBS - CSR = 0.260-----
 2X 4 NO 2 SYP

1. ONE ROW OF LATERAL BRACING REQUIRED AT THE MID POINTS OF THE WEBS/CHORDS AS INDICATED ON THE DRAWING.

QUOT
P08.83

JOB FITZENREITER
TYPE 700 6/29/93
1 OF 1 TRS001



TC	24	8-02-13	7-09-03	10-04-05	7-09-03	8-02-13	24
BC		10-09-14			10-09-14		

ICLL = 25.0 PSF
TCDL = 10.0 PSF
BCLL = 0.0 PSF
BCDL = 10.0 PSF
MITEK INDUSTRIES, INC.
FITZENREITER

32-00-00
MIN L/DEF= 32'/0.11"= 999, CAMB= 0 1/8"
20 GA. M20 PLATES 258 PSI GRS (MAX)

SPACING = 1-04-00
INCR: P=0.98 L=1.15
BUTT CUT= 0 1/4"

REACTIONS
J 1= -1053
J 5= -1053

CONFORMS TO TPI 91

TOP CHORD - CSR= 0.483
2X 4 NO 1 SYP

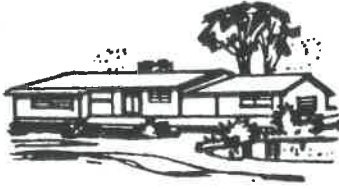
BOTTOM CHORD - CSR= 0.479
2X 4 NO 1 SYP

WEBS - CSR= 0.151
2X 4 NO 2 SYP

C 1= -1380 C 3= -1203
C 2= -1203 C 4= -1380

C 5= 1192 C 6= 803 C 7= 1192
W 1= -322 W 3= 486
W 2= 486 W 4= -322

REPETITIVE INCR



BURKHOLDER CONSTRUCTION

HARLEY BURKHOLDER, PROP.

R. R. No. 1

BRYAN, OHIO 43506

HOME PHONE 419/636-7238

OFFICE PHONE 419/682-6955

FAX 419/682-3846

May 20, 1993

Mike Hurst Construction

Jim Fitzenreiter Job

Stake out basement and establish finish grade
Crane to dig basement and crawl spaces
Dozer to level dirt from basement and crawl space
Backhoe and uni-loader to dig footers and backfill
136 LF 8" x 20" basement footers, 3500 PSI concrete
186 LF 8" x 20" crawl space footers, 3500 PSI concrete
87 LF 8" x 24" garage and porch footers, 3500 PSI concrete
2 rows #4 rerods continuous in all footers
4" ADS plastic tile placed on both sides of basement footers
4" ADS plastic tile placed on outside of crawl footers
Plastic sump tile with lid and miscellaneous tile fittings
3 pair footers 8" x 30" x 30", 3500 PSI concrete
2" - 3" pea stone placed beneath basement floor
136 LF 8" x 7'10" basement wall, 4000 PSI concrete
55 LF 10" foundation across front, 4000 PSI concrete
131 LF 8" foundation for crawl spaces, 4000 PSI concrete
87 LF 8" foundation for garage and porch, 4000 PSI concrete
4 rows #4 rerods placed continuous hort in all basement walls
2 rows #4 rerods placed continuous hort in all foundations
#4 rerods placed 24" O.C. vertical in all walls and foundations
4 auto 8" x 16" crawl space vents
Outside basement wall and crawl space foundations tared
3/8" x 8" anchor bolts placed approximately 5' O.C. in all walls and foundations
1 1/2" ABS sleeve for waterline placed in foundation
4" ABS sleeve for sewage outlet placed in foundation
2 - 24" x 32" opening placed in wall into crawl space
4" concrete basement floor with fiber mesh enforcing
3 beam pockets installed in walls and foundations
4" concrete garage floor with #3 rerods 24" O.C. both ways
4 1/2" - 5" concrete porch floors, 4000 PSI concrete
#5 rerods placed 16" O.C. both ways in porch floors
4" x 5" brick ledge placed across front of home as per plans
Moisture barrier placed beneath all concrete floors
All concrete floors to be cut and sealed
All walls and garage to be backfilled with pea stone or equal
9" x 12" plastic footer drain placed in garage floor

CITY OF NAPOLEON UTILITY DEPARTMENT

Batch Time	22424 08:30AM	Sequence	1	Date	04 MAY 2010	Pay type	CK
					Refer	8395	
Account	MBP				Amt Paid	-110.90	
Name	JAMES FITZENREITER				Amt Tend	-110.90	
Document	CORRECTION				Change	0.00	
	100.3100.46510					-0.90	
						-110.00	100.0000.42700

CITY OF NAPOLEON UTILITY DEPARTMENT

Batch Time	22424 08:31AM	Sequence	2	Date	04 MAY 2010	Pay type	CK
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Name	JAMES FITZENREITER				Amt Tend	37.37	
Document	1160 CHESTERFIELD PLMB PERMIT				Change	0.00	
	100.3100.46510					0.37	
						37.00	100.0000.42700

CITY OF NAPOLEON UTILITY DEPARTMENT

Batch Time	22424 08:31AM	Sequence	3	Date	04 MAY 2010	Pay type	CK
					Refer	8395	
Account	MBP				Amt Paid	42.22	
Name	JAMES FITZENREITER				Amt Tend	42.22	
Document	1160 CHESTERFIELD BLDG PERMIT				Change	0.00	
	100.3100.46510					0.42	
						41.80	100.0000.42700

CITY OF NAPOLEON UTILITY DEPARTMENT

Batch Time	22424 08:32AM	Sequence	4	Date	04 MAY 2010	Pay type	CK
					Refer	8395	
Account	MBP				Amt Paid	31.31	
Name	JAMES FITZENREITER				Amt Tend	31.31	
Document	1160 CHESTERFIELD ELEC PERMIT				Change	0.00	
	100.3100.46510					0.31	
						31.00	100.0000.42700

CITY OF NAPOLSON UTILITY DEPARTMENT

Batch Time	Account Name	Sequence & Date	Refer	64 MAY 2010	PAY TYPE OR
08:31AM	MRS	12414	3395	Amr Paid	112.98
	JAMES FITZBERRY			Amr Paid	110.98
				Change	0.98
					-0.98

CITY OF NAPOLSON UTILITY DEPARTMENT

Batch Time	Account Name	Sequence & Date	Refer	64 MAY 2010	PAY TYPE OR
08:31AM	MRS	12414	3395	Amr Paid	24.97
	JAMES FITZBERRY			Amr Paid	27.97
				Change	0.98

CITY OF NAPOLSON UTILITY DEPARTMENT

Batch Time	Account Name	Sequence & Date	Refer	64 MAY 2010	PAY TYPE OR
08:31AM	MRS	12414	3395	Amr Paid	24.97
	JAMES FITZBERRY			Amr Paid	27.97
				Change	0.98

CITY OF NAPOLSON UTILITY DEPARTMENT

Batch Time	Account Name	Sequence & Date	Refer	64 MAY 2010	PAY TYPE OR
08:31AM	MRS	12414	3395	Amr Paid	24.97
	JAMES FITZBERRY			Amr Paid	27.97
				Change	0.98