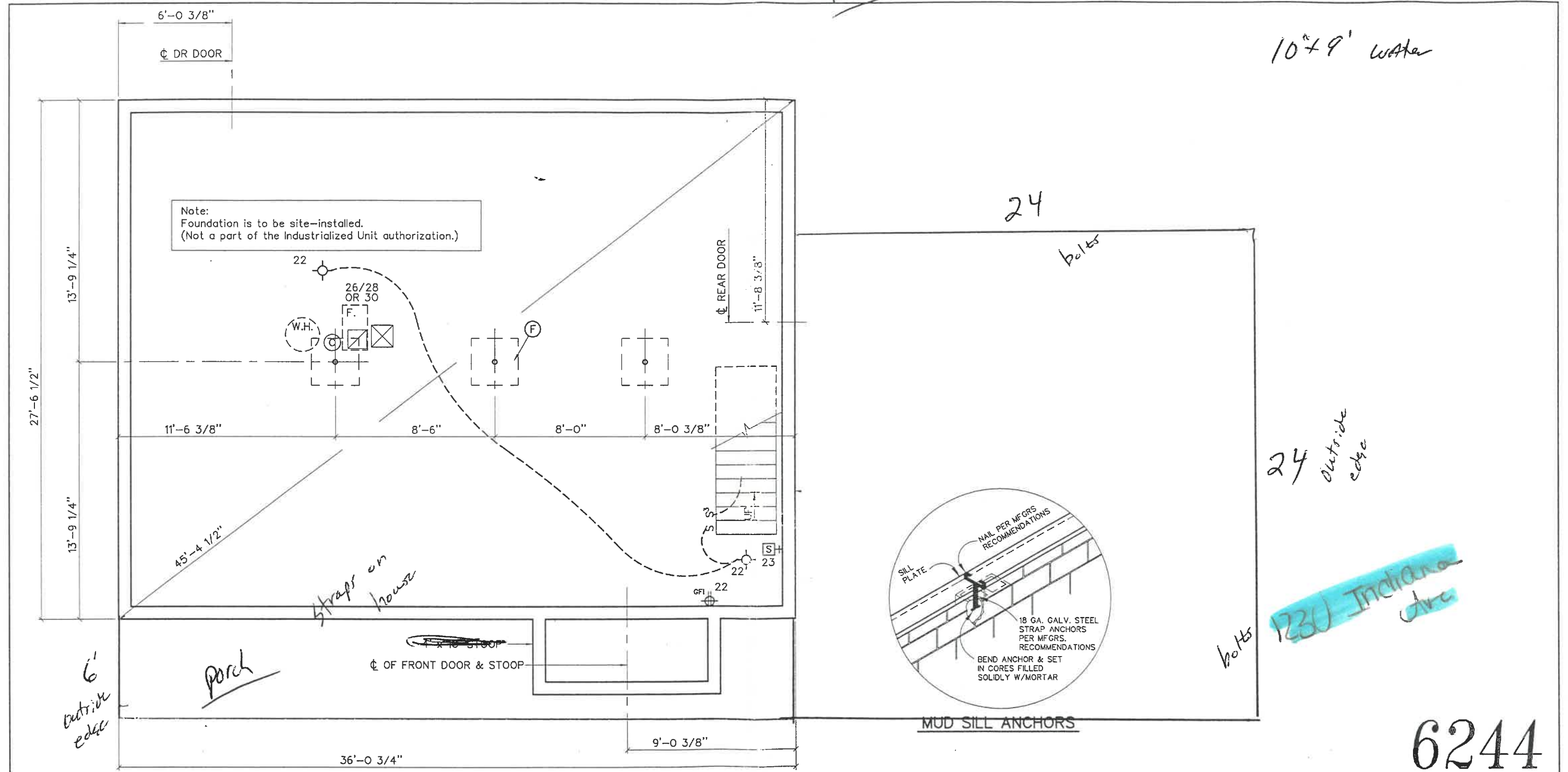
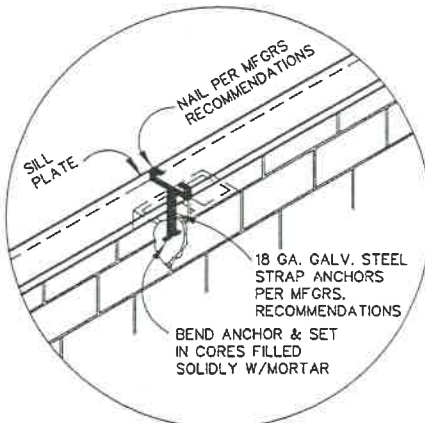


Hartland Homes

10' x 9' water



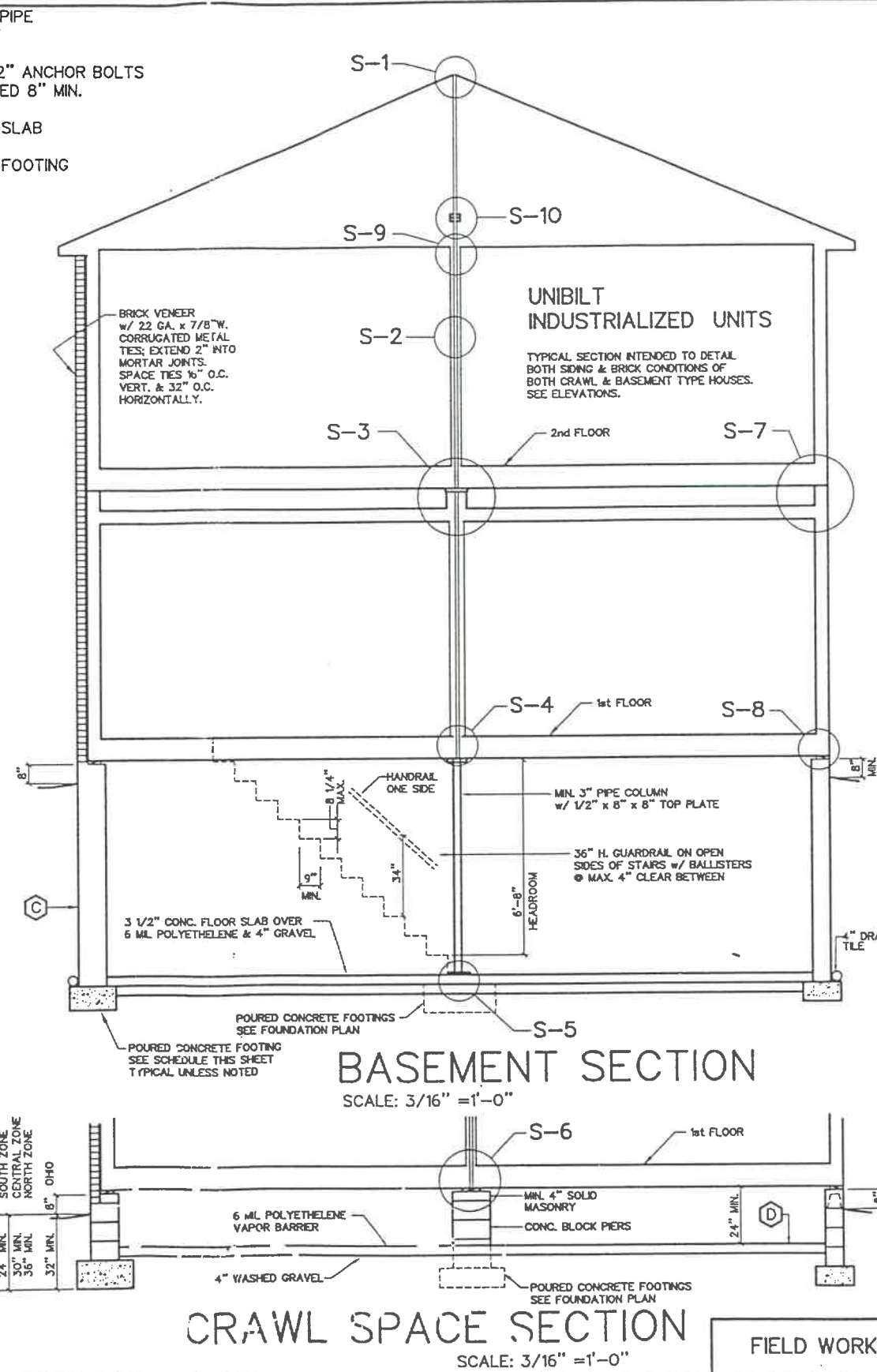
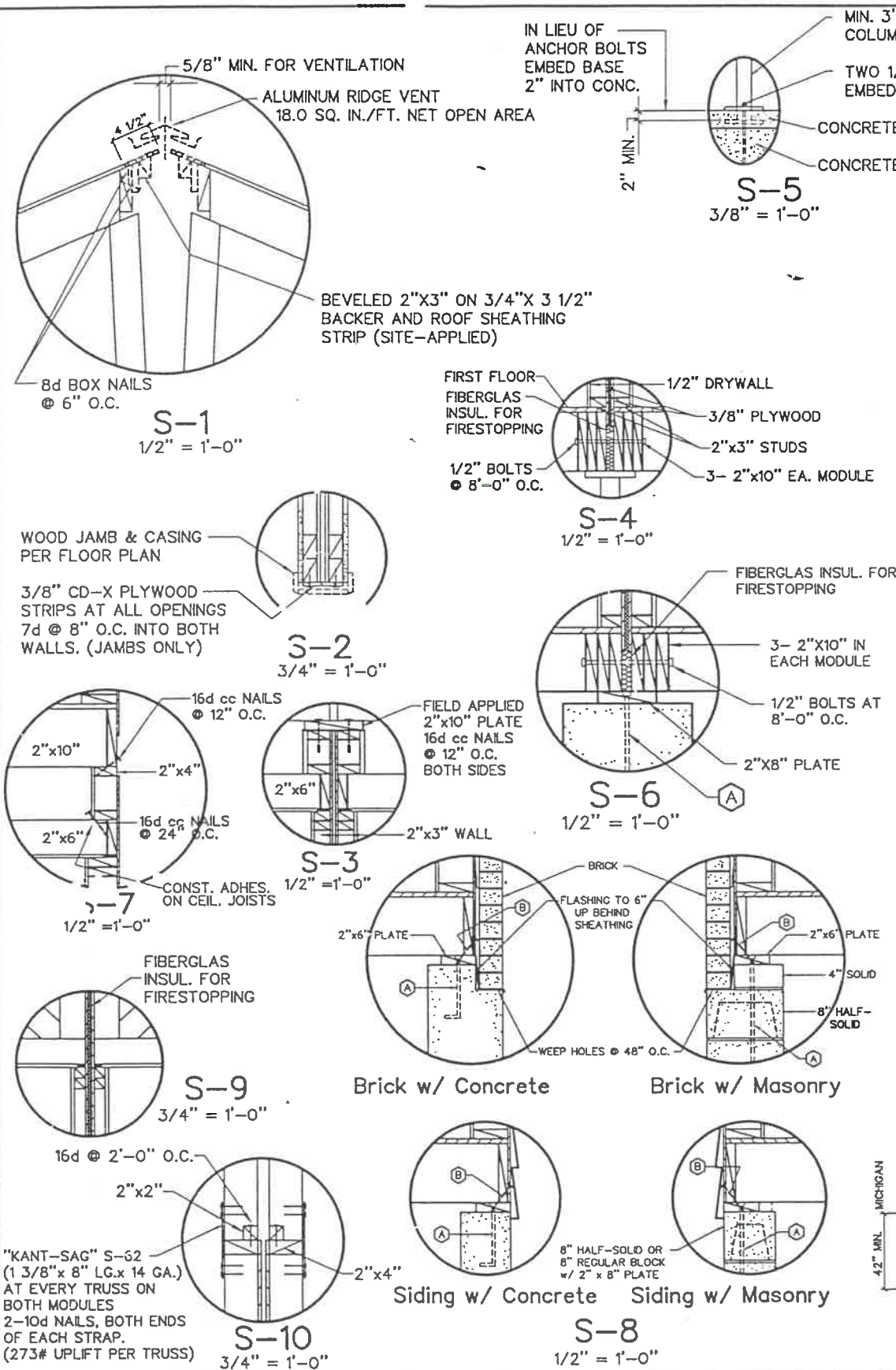
Note:
Foundation is to be site-installed.
(Not a part of the Industrialized Unit authorization.)



MUD SILL ANCHORS

(R) Polythelene Vapor Barrier over 4" Washed Gravel	() Dimension with 3/4" Insulating Sheathing	(F) 40" x 40" x 16" Poured Concrete Footings w/ 3" Pipe Columns w/ 1/2"x8"x8" Top Plate	(C) Garage Ceiling to have two (2) layers of 5/8" Firecode drywall per Gypsum Assoc. File No. FC 5406 (One-Hour Fire Rating)	FOUNDATION LOADINGS Max. Foundation Wall Load: 2,200 plf Max. Column Load: 21,800 # Minimum Soil Bearing: 2,000 psf	[S+] Builder to mount smoke detector (provided) above foot of stairs on the same level as the bottom of the floor joists and run circuit from the electric drop provided in deck. Connect: orange/red; white/white; and black/black. All smoke detectors shall be wired to the same electrical circuit and interconnected so the activation of one causes all integral alarms to operate.
(S) 4" Concrete Slab over 4" Gravel	[] Dimension with Brick Front	(W) 2x4 Studs @ 24" o.c. max. w/ 5/8" Firecode Drywall, Both Sides. (One-Hour Fire Rating)	(E) The sills of all door openings between any garage and adjacent interior spaces shall be raised not less than four (4) inches above garage floor		
(P) 8" x 16" Pilasters	(16/7) W. x H. of O.H. Garage Door	(D) 3/4-Hour Fire Rated Door			
(B) Indicates Slab Drop Below Rim or Basement Floor	↘ Floor Sloped Down				

6244.DWG	FOUNDATION PLAN	REVISION DATE	Unibilt Industries, Inc. P.O. Box 373 • Vandalia, Ohio 45377	20B
1/14/94				
3/16" = 1'-0"				
TAR				
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FOUNDATION WALLS & FOOTINGS

Foundation Wall Const. Type	Thickness	Max. depth below grade (a,b)	Conc. Foot.
Hollow Masonry (unreinforced)	8"	4' (6')	8" x 16"
	10"	5' (7')	10" x 20"
	12"	6'	12" x 24"
Plain Concrete	8"	7'	8" x 16"
	10"	8'	10" x 20"
	12"	8'	12" x 24"
Hollow Masonry w/ #4 bars @ 24" o.c. located no less than 4 1/2" from outside of wall	8"	7'	8" x 16"

Note: a. Exterior finished grade to bsm't floor or inside grade.
b. Depth below grade may be increased up to that indicated in parentheses where such increase is warranted by soil conditions and local experience and is approved by the building official.
c. Concrete for basement walls to have min. of 3,000 psi compressive strength in 28 days. Air entrain with 5 to 7% total air content by volume of concrete

- NOTES**
- (A) Sill plate anchorage to be 1/2" bolts @ 6'-0" o.c. maximum; 12" from all corners. Embed 8" into concrete; 15" into masonry. Alternate galv. steel strap anchors per manufacturer's specs. as approved by local codes.
 - (B) Toenail house to foundation plate w/ 16d c.c. nails @ 12" o.c. all sides.
 - (C) Walls to have approved dampproofing. If habitable rooms are located below grade, walls shall have approved waterproofing.
 - (D) -IN INDIANA- Underfloor space shall be graded so as to direct any water accumulation to the sump pit located near the access opening

- GENERAL NOTES**
1. All foundation work by builder.
 2. Foundation must be square and level.
 3. Exterior grade at time of delivery must be 24" min. to 40" max. below top of sill plate.
 4. Provide termite protection, if required.
 5. Adequate drainage must be provided
 6. Stoops and porches must be poured after house is set.
 7. Sill plate anchor bolts may not project above top of wood plate.
 8. Foundation plan is suggested design and is subject to local site and soil conditions and local codes.
 9. Concrete for porches, steps and garage floor slabs to have min. of 3,500 psi compressive strength in 28 days. Air entrain with 5 to 7% total air content by volume of concrete.

BUILDER NOTES

It is your responsibility to have plans, details and specifications checked and approved by the proper FHA, VA, zoning and local code authorities.

Alter your site work as required and advise Unibilt Industries of any special requirements at the time your order is placed.

These units are not to be installed in a FEMA flood prone area. All models shall be installed with fire separation distances of greater than five (5) feet to any property line.

THESE SECTIONS & DETAILS ARE TYPICAL & INTENDED TO ILLUSTRATE BOTH SIDING & BRICK CONDITIONS OF CRAWL & BASEMENT TYPE HOUSES.

SDT-AA.DWG	SECTIONS & DETAILS	REVISION DATE		Unibilt Industries, Inc. P.O. Box 373 • Vandalia, Ohio 45377	27'-4" W. TWO-STORY	BOOK I	D30
7/29/93		1/22/94	10/28/94				
3/16" = 1'-0"		2/2/94					
DCL		9/13/94					

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SDT-AB.DWG
7/29/93
3/8" = 1'-0"
DCL

UNIT CROSS SECTION

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REVISION DATE
10/28/94

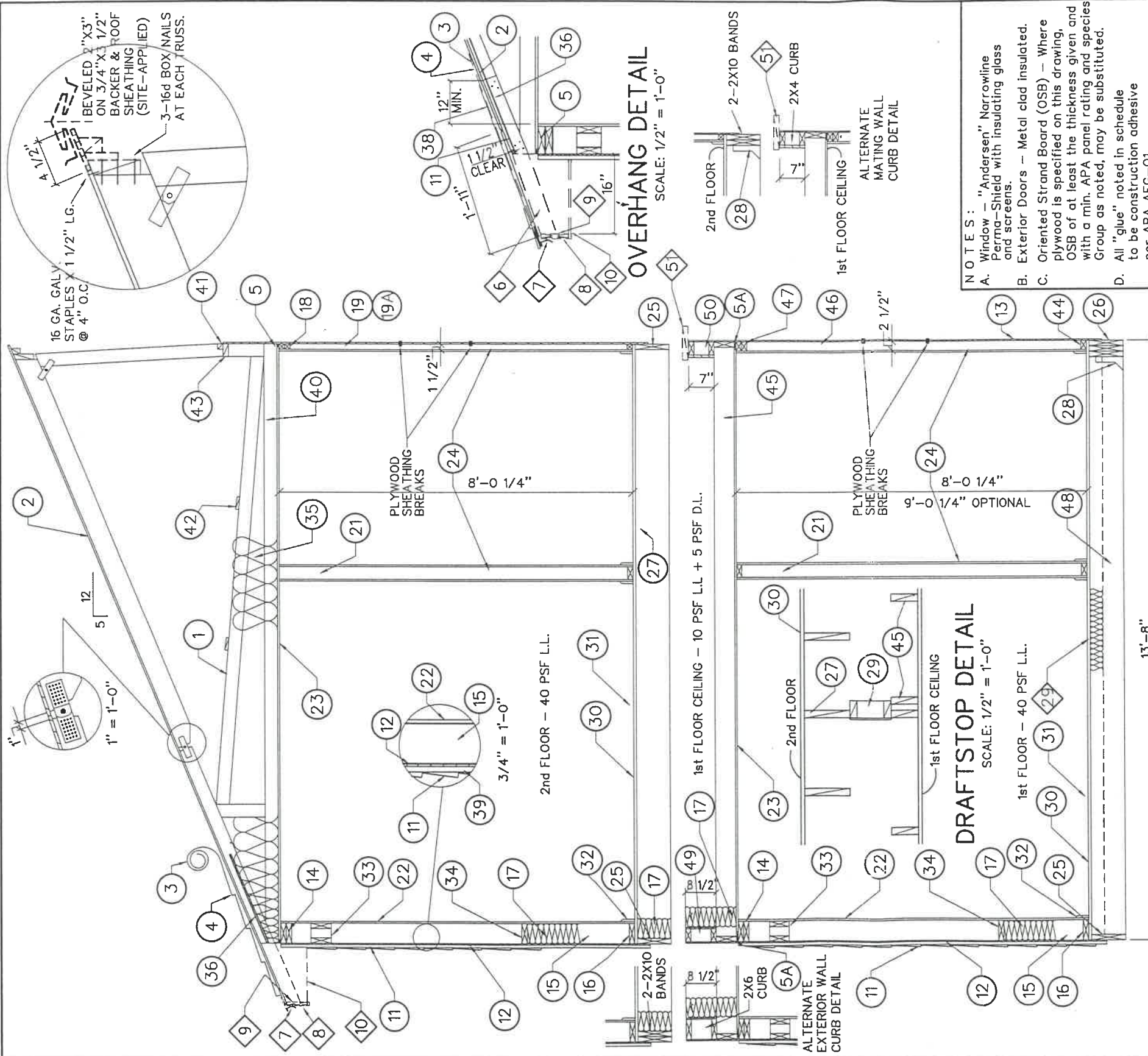


Unibilt Industries, Inc.
P.O. Box 373 • Vandalia, Ohio 45377

27'-4" W. TWO-STORY

BOOK I

D40



NO.	DESCRIPTION	FIELD NOTES:
1.	Wood Trusses @ 2'-0" o.c.	<p>FIELD NOTES:</p> <p>2" x 4" x 36" SPIB No. 2 at each truss 3-10d common nails each end, as shown.</p> <p>.026" Aluminum Drip Edge</p> <p>.026" Aluminum Fascia</p> <p>1" x 6" Wood Sub-Fascia</p> <p>.026 Vented Aluminum Soffit or Rigid PVC Soffit Min. Free Ventilating Area of soffit material shall be 5.1 sq. in. per linear foot</p> <p>R-11 Batt Insulation Optional: R-19 Batt Insulation 2" x 10" Plate</p>
2.	7/16" - 24/16 APA Rated Oriented Strand Board (OSB) Sheathing Optional: 1/2" - 32/16 Interior Plywood w/Exterior Glue w/o clips	
3.	Shingle Underlayment Felt	
4.	Fiberglass Asphalt Seal-Down Shingles	
5.	1/2" x 1" min. Plywood Strip - full length of house. (32/16 Group 1, complying w/PDS)	
5A.	1/2" x 2" min. Plywood Strip - full length of house. (32/16 Group 1, complying w/PDS)	
11.	Hardboard Siding shall meet DOC PS 60-73 (ANSI 135.6-73). Rigid PVC Siding shall meet DOC PS 55-72 and BOCA 79-22, and shall be installed over optional Rigid Foam Insulation. (See item 39, below)	
12.	or 3/8" plywood sheathing, item 12 or Du Pont "Tyvek" Housewrap over plywood.	
13.	3/8" - 24/0 Interior Plywood w/Exterior Glue, Exposure 1, or 3/8" All Weather Upson	
14.	Bearing Walls 2 - 2" x 6" SPF No. 2 Top Plates. Joints to overlap 48" min.; Single plate Non-bearing End Walls.	
15.	2" x 6" Stud @ 16" o.c. - (Stud Grade SPF)	
15A.	1st Floor Framing-2" x 4" Stud @ 12" o.c., min. 3'-0" each side of outside corners.	
16.	2" x 6" Sole Plate.	
17.	R-19 Batt Insulation	
18.	2 - 2" x 2" Top Plates (Stud Grade SPF) - Overlap joints 48" min. Top Plates may be Ungraded where the stud below is centered under every truss bearing point.	
19.	2" x 4" Stud (flat) Stud Grade SPF @ 16" o.c. or 12" o.c.	
19A.	2" x 3" Stud (flat) Stud Grade SPF @ 12" o.c.	
20.	2" x 2" Sole Plate	
21.	Interior Partitions: 2" x 4" studs @ 24" o.c.	
22.	1/2" Foil-backed Drywall or 1/2" Drywall over 2 mil Polyethylene Vapor Barrier	
23.	1/2" Drywall	
24.	1/2" Drywall	
25.	2" x 10" Band SPIB No. 2	
26.	3-2" x 10" - SPIB No. 2	
27.	2" x 10" Floor Joists at 16" o.c. - SPIB No. 2 Also see 27A.	
27A.	Alternate Floor Joists Southern Pine No. 2 Hem Fir No. 2 Douglas Fir No. 2 Hemlock No. 1 Spruce-Pine-Fir No. 2	
29.	2" x 4" Top & Bottom Plates w/ 2" x 4" Blocks @ 16" o.c. w/ 3/8" Plywood on one side only.	
28.	18 ga. Galvanized Steel Hangers	
30.	3/4" (23/32") T&G Plywood, Group 1 w/Exterior Glue Sturd-1-Floor Rated Subfloor	
31.	Finished Floor: Vinyl Linoleum (stapled) or FHA Approved Carpet and Pad (Carpet shall pass the DOC FF-1 "pill test")	
32.	2 1/4" Prefinished Base	
33.	2 - 2" x Wood Headers w/ 2 1/2" w. blocks @ 16" o.c. See Structural Drawings	
34.	2" x 6" Rough Window Sills	
35.	R-38 Insulation	
36.	Eave Baffles @ 48" o.c. (min. 1/4" plywood)	
38.	Mineral Surfaced Roll Roofing (Min. 36" wide) Optional 3/4" Rigid Foam Insulation (R-5.4)	
39.	"Tuft-R" by Celotex Corp.	
40.	22" x 30" Attic Access - See Electrical Plan for location.	
41.	2" x 2" Full Length	
42.	2-1" x 4" Lateral Bracing w/ 2-10d commons in each	
43.	1" x 4" at each truss	
44.	2" x 4" Full Length	
44.	2" x 3" Sole Plate	
45.	2" x 6" Ceiling Joists @ 24" o.c. SPIB No. 2, S-P-F No. 2, or Hem-Fir No. 2	
46.	2" x 3" Studs @ 16" o.c. (Stud Grade SPF) nailed to plates	
47.	2-2" x 3" Top Plates - Overlap joints 48" min.	
48.	Floor Joists same as items 27 & 27A	
49.	Exterior Curb Wall - 2" x 4" Top & Bottom Plates w/ 2" x 4" Blocks @ 16" o.c. w/ 3/8" - 24/0 Interior Plywood. Glue & Staple to inside of Wall.	
50.	Mating Curb Wall - 2" x 4" Top & Bottom Plates w/ 2" x 4" Blocks @ 16" o.c. w/ 3/4" Plywood. Glue & Nail to inside of Wall.	
51.	2" x 10" Plate w/ 16d at 12" o.c., both sides.	

NOTES:

A. Window - "Andersen" Narrowline Perma-Shield with insulating glass and screens.

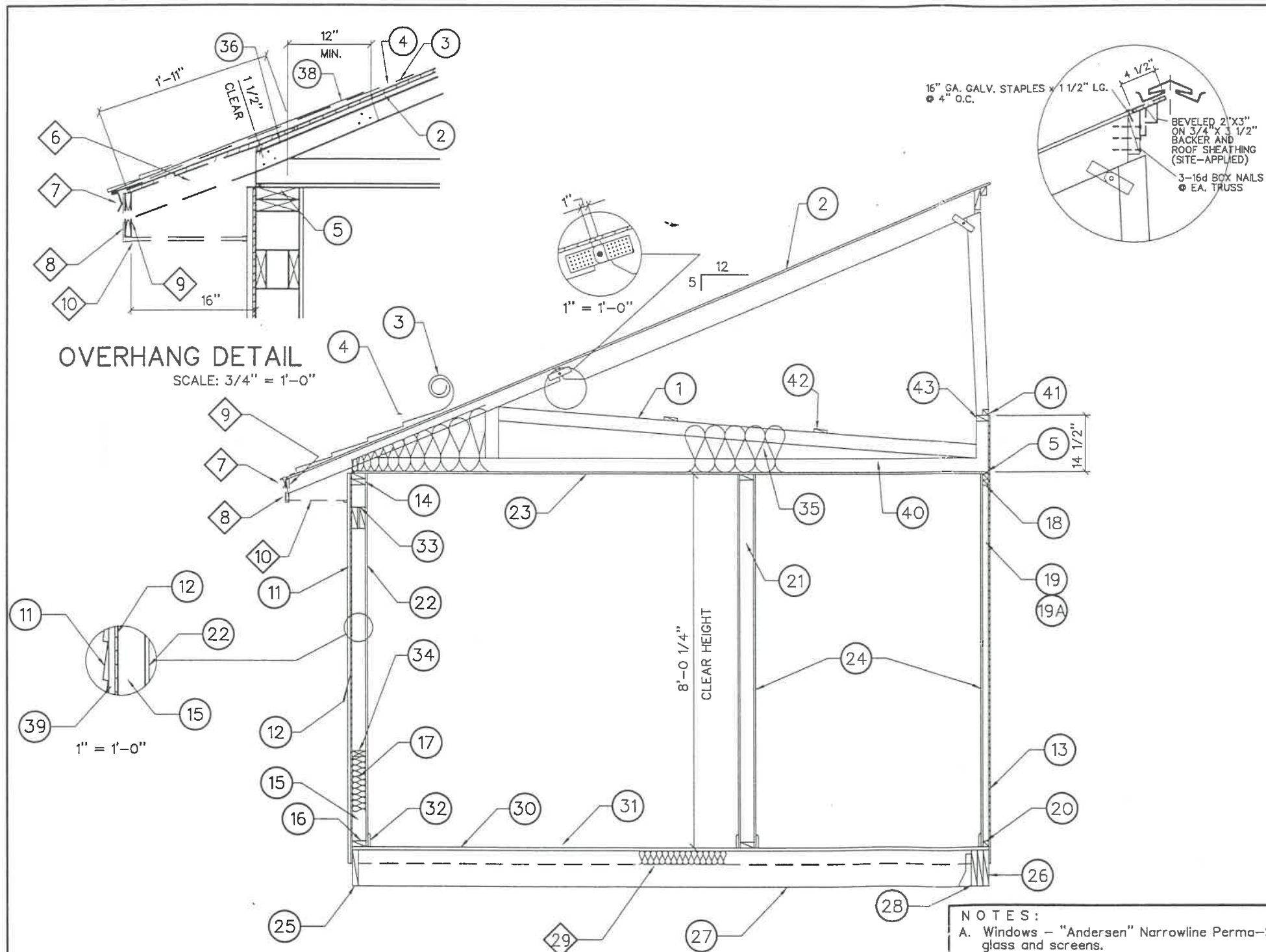
B. Exterior Doors - Metal clad insulated.

C. Oriented Strand Board (OSB) - Where plywood is specified on this drawing, OSB of at least the thickness given and with a min. APA panel rating and species Group as noted, may be substituted.

D. All "glue" noted in schedule to be construction adhesive per APA AFG-01.

OVERHANG DETAIL
SCALE: 1/2" = 1'-0"

DRAFTSTOP DETAIL
SCALE: 1/2" = 1'-0"



- NO. DESCRIPTION**
1. Wood Trusses @ 2'-0" o.c.
 2. 7/16" - 24/16 APA Rated Oriented Strand Board (OSB) Sheathing
Optional: 1/2" - 32/16 Interior Plywood w/Exterior Glue w/o clips
 3. Shingle Underlayment Felt
 4. Fiberglass Asphalt Seal-Down Shingles
 5. 1/2" X 1" min. Plywood Strip - full length of house. (32/16 Group 1, complying w/PDS)
 11. Hardboard Siding shall meet DOC PS 60-73 (ANSI 135.6-73). Rigid PVC Siding shall meet DOC PS 55-72 and BOCA 79-22, and shall be installed over optional Rigid Foam Insulation. (See item 39. below) or 3/8" plywood sheathing or Du Pont "Tyvek" Housewrap over plywood.
 12. 3/8" - 24/0 Interior Plywood w/Exterior Glue, Exposure 1, or 3/8" All Weather Upson
 13. 3/8" - 24/0 Interior Plywood w/Exterior Glue, Exposure 1
 14. Bearing Walls 2 - 2" x 4" SPF No. 2 Top Plates. Optional: 2" x 6" plates
Joints to overlap 48" min.; Single plate Non-bearing End Walls.
 15. 2" x 4" Studs @ 16" o.c. - (Stud Grade SPF). Optional: 2" x 6" studs @ 16" o.c.
 16. 2" x 4" Sole Plate. Optional: 2" x 6" plate
 17. R-13 Batt Insulation - (Effective R-12.7 in 3 1/2" wall cavity)
Optional: R-19 Batt Insulation w/2" X 6" Studs
 18. 2 - 2" x 2" Top Plates (Stud Grade SPF) - Overlap joints 48" min.
Top Plates may be Ungraded where the stud below is centered under every truss bearing point.
 19. 2" x 4" Studs (flat) Stud Grade SPF @ 16" o.c. or 12" o.c.
 - 19A. 2" x 3" Studs (flat) Stud Grade SPF @ 12" o.c.
 20. 2" x 2" Sole Plate
 21. Interior Partitions: 2" x 4" studs @ 24" o.c.
 22. 1/2" Foil-backed Drywall or 1/2" Drywall over 2 mil Polyethylene Vapor Barrier
 23. 1/2" Drywall
 24. 1/2" Drywall
 25. 2"x10" Band SPIB No. 2
 26. 3- 2"x10" - SPIB No. 2
 27. 13'-8" Wide Modules - 2"x10" Floor Joists at 16" o.c. - SPIB No. 2
Also see 27A.
 - 27A. Alternate Floor Joists

		Maximum Spacing:	Max. Sum of any two(2) adjoining spacings:
Southern Pine	No. 2	24" o.c.	48"
Hem Fir	No. 2	21" o.c.	42"
Douglas Fir	No. 2	20" o.c.	40"
Hemlock	No. 1	19" o.c.	38"
Spruce-Pine-Fir	No. 2	18" o.c.	36"
 28. 18 ga. Galvanized Steel Hangers
 30. 3/4" (23/32") T&G Plywood, Group 1 w/Exterior Glue, Sturd-I-Floor Rated Subfloor
 31. Finished Floor: Vinyl Linoleum (stapled) or FHA Approved Carpet and Pad
(Carpet shall pass the DOC FF-1 "pill test")
 32. 2 1/4" Prefinished Base
 33. 2 - 2" x Wood Headers w/1/2" plywood filler - See Structural Drawings
 34. 2" x 4" Rough Window Sills
 35. R-38 Insulation
 36. Eave Baffles @ 48" o.c. (min. 1/4" plywood)
 38. Mineral Surfaced Roll Roofing (Min. 36" wide)
 39. Optional 3/4" Rigid Foam Insulation (R-5.4) "TUFF-R" by Celotex Corp.
 40. 22" x 30" Attic Access - See Electrical Plan for location.
 41. 2" x 2" Full Length
 42. 2-1" x 4" Lateral Bracing w/ 2-10d commons in each 1" x 4" at each truss
 43. 2" x 4" Full Length

- NOTES:**
- A. Windows - "Andersen" Narrowline Perma-Shield with insulating glass and screens.
 - B. Exterior Doors - Metal clad insulated.
 - C. Drywall Joint System - Gold Bond Quick-weld. Finish with two coats of prime paint.
 - D. Oriented Strand Board (OSB) - Where plywood is specified on this drawing, OSB of at least the thickness given and with a min. APA panel rating and species Group as noted, may be substituted.

- FIELD NOTES:**
- 29 R-11 Batt Insulation Optional: R-19 Batt Insulation
 - 6 2" x 4" x 36" SPIB No. 2 at each truss
3-10d common nails each end, as shown.
 - 7 .026" Aluminum Drip Edge
 - 8 .026" Aluminum Fascia
 - 9 1" x 6" Wood Sub-Fascia
 - 10 .026 Vented Aluminum Soffit or Rigid PVC Soffit
Min. Free Ventilating Area of soffit material shall be 5.1 sq. in. per linear foot

SDT-8U.DWG
12/14/93
3/8" = 1'-0"
J.J.G.

**UNIT CROSS SECTION
ONE-STORY PART**

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REVISION DATE	
2/2/94	7/6/94
3/16/94	10/12/94
5/18/94	10/28/94

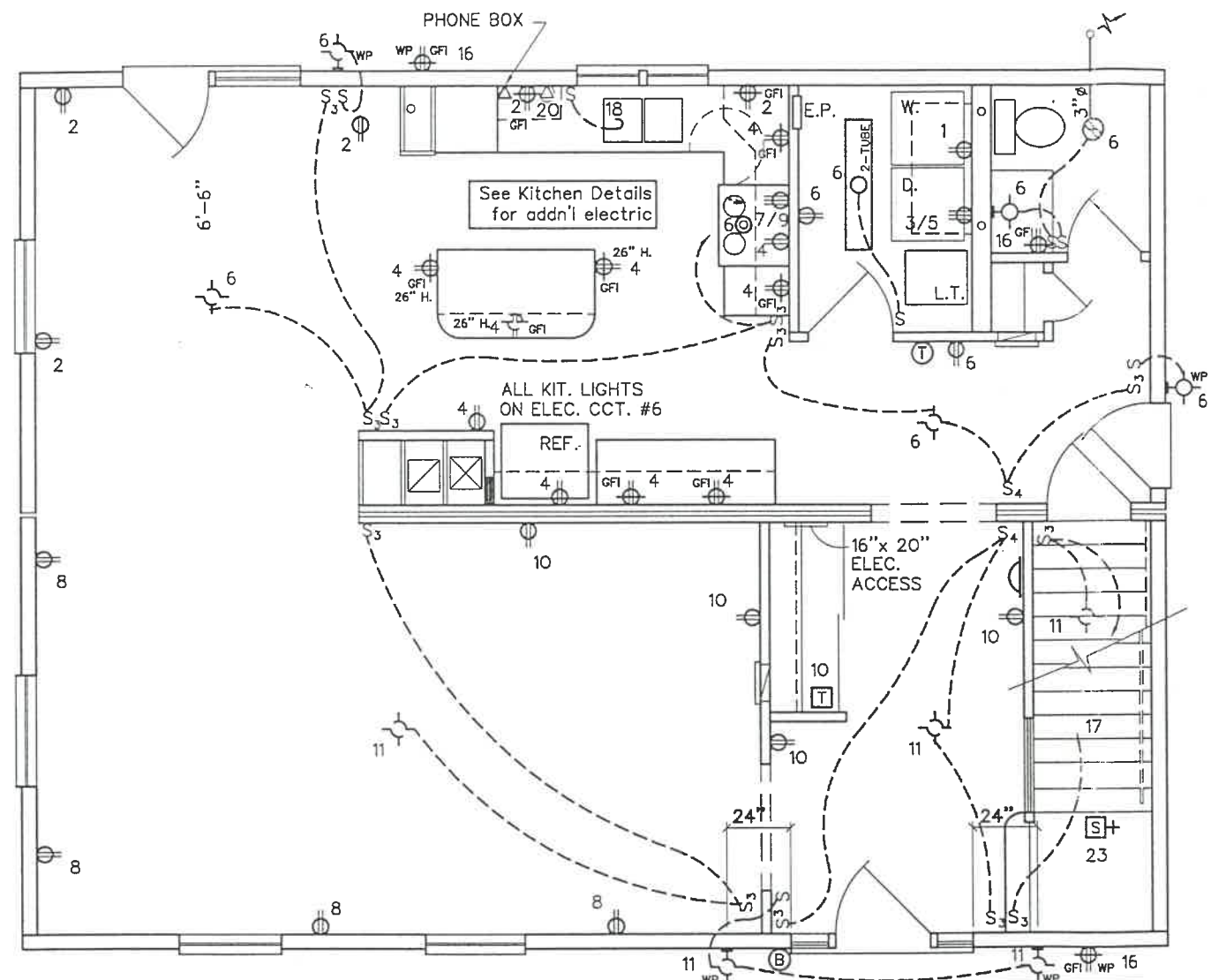


Unibilt Industries, Inc.
P.O. Box 373 • Vandalia, Ohio 45377

27'-4" WIDE TWO-STORY

BOOK I

D40.1



ELECTRIC PANEL SCHEDULE 200 AMP MAIN BREAKER DISCONNECT LOCATED IN PANEL. VOLTAGE: 120/240 VOLTS, SINGLE PHASE
 PANEL FEEDER WIRE SIZE: #2/0 AWG COPPER OR #4/0 ALUMINUM (TYPE SE - STYLE SER)

SERVES	WIRE SIZE	BREAKER A/P	CIRCUIT #	CIRCUIT #	BREAKER A/P	WIRE SIZE	SERVES
CLOTHES WASHER	#12-2 W/G	20/1	1	2	20/1	#12-2 W/G	SMALL APPLIANCE
CLOTHES DRYER	#10-3	30/2	3	4	20/1	#12-2 W/G	SMALL APPLIANCE
KITCHEN RANGE	#6-3	40/2	5	6	15/1	#14-2 W/G	LIGHTS/OUTLETS
			7	8	15/1	#14-2 W/G	LIGHTS/OUTLETS
			9	10	15/1	#14-2 W/G	LIGHTS/OUTLETS
LIGHTS/OUTLETS	#14-2 W/G	15/1	11	12			
LIGHTS/OUTLETS	#14-2 W/G	15/1	13	14			
LIGHTS/OUTLETS	#14-2 W/G	15/1	15	16	15/1	#14-2 W/G	BATH/EXTERIOR OUTLETS
LIGHTS/OUTLETS	#14-2 W/G	15/1	17	18	15/1	#14-2 W/G	DISPOSAL (OPT.)
LIGHTS/OUTLETS	#14-2 W/G	15/1	19	20	20/1	#12-2 W/G	DISHWASHER (OPT.)
LIGHTS/OUTLETS	#14-2 W/G	15/1	21	22	20/1	#12-2 W/G	BASEMENT (IF APPLICABLE)
SMOKE DETECTOR	#14-2 W/G	15/1	23	24	15/1	#14-2 W/G	LIGHTS/OUTLETS
GARAGE (OPT.)	#12-2 W/G	20/1	25	26	60/2	#6-3	ELECTRIC FURNACE
ALL BRANCH CIRCUIT CABLES TO BE TYPE NM-B COPPER w/ THHN INSULATION UNLESS OTHERWISE NOTED.			27	28			
			29	30	20/1	#12-2 W/G	OPT. GAS FURNACE
			31	32	50/2	#6-3 W/G	OPT. WALL OVEN
			33	34			
			35	36			

ELECTRIC LOAD	
Small Appliance circuits @ 1500 w. each	4,500 watts
Laundry branch circuits	1,500
General Lighting & Receptacles @ 3 w./sf	5,977
Range	12,000
Water Heater	4,500
Dryer	5,600
Exhaust Motors(Range-2.5A., Bath-.75A.)	480
	<u>34,557 watts</u>

FEEDER AND SERVICE LOAD	
Electric Furnace @ 65%	9.8 kVA
First 10 kVA @ 100%	10.0
Remainder of Load @ 40%	9.8
	<u>29.6 kVA</u>

S+ Smoke Detectors located on main floor and lower level or basement shall be interconnected so that activation of one causes all integral alarms to operate. Detectors shall have battery backup. Installation in accordance with NFPA 74-89.

6244

6244.DWG
 1/14/94
 3/16" = 1'-0"
 TAR

FIRST FLOOR ELECTRICAL PLAN

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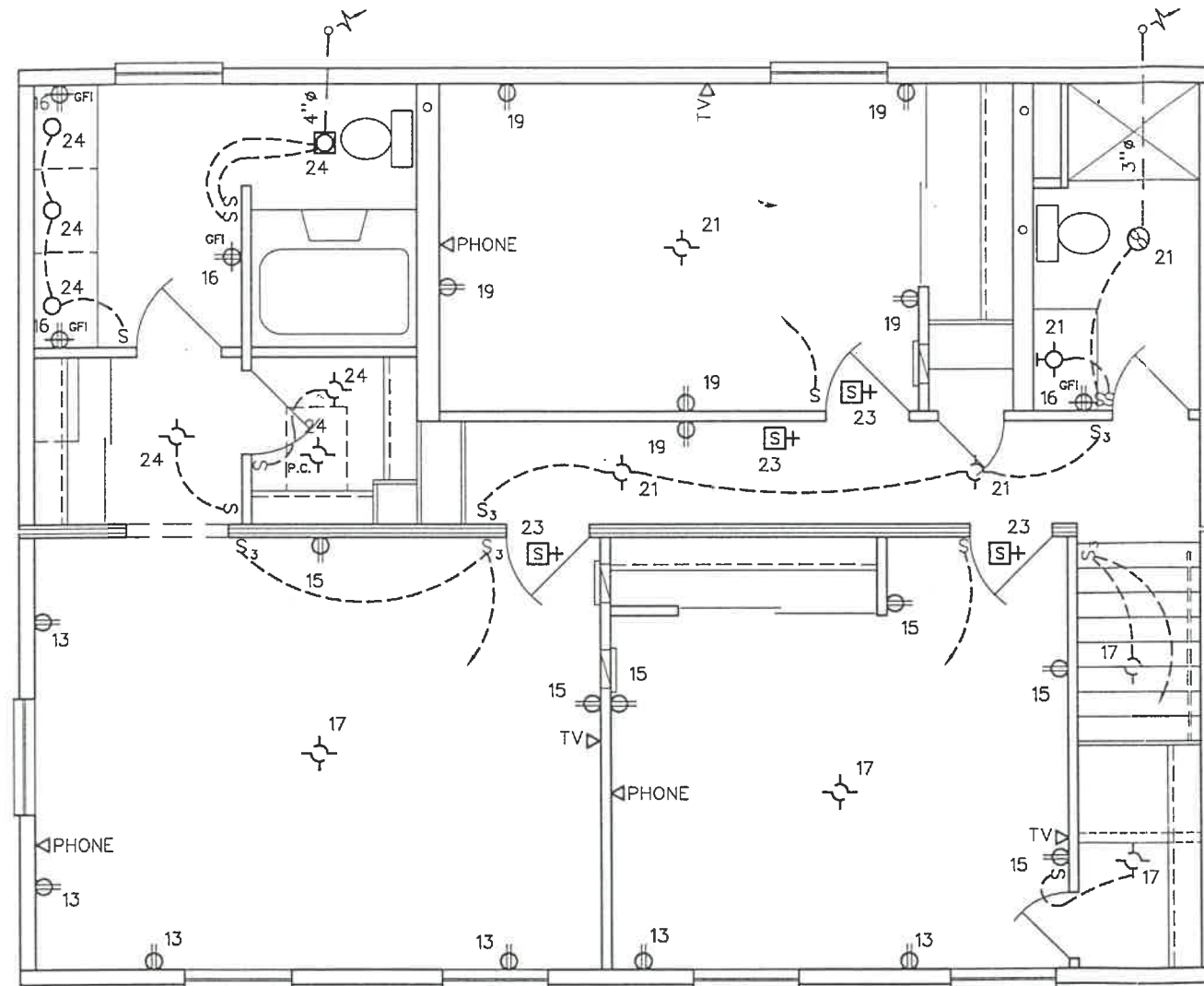
REVISION DATE



Unibilt Industries, Inc.
 P.O. Box 373 * Vandalia, Ohio 45377

Georgetown
 MODEL TSG

51A



ELECTRIC PANEL SCHEDULE 200 AMP MAIN BREAKER DISCONNECT LOCATED IN PANEL. VOLTAGE: 120/240 VOLTS, SINGLE PHASE
 PANEL FEEDER WIRE SIZE: #2/O AWG COPPER OR #4/O ALUMINUM (TYPE SE - STYLE SER)

SERVES	WIRE SIZE	BREAKER A/P	CIRCUIT #	CIRCUIT #	BREAKER A/P	WIRE SIZE	SERVES
CLOTHES WASHER	#12-2 W/G	20/1	1	2	20/1	#12-2 W/G	SMALL APPLIANCE
CLOTHES DRYER	#10-3	30/2	3	4	20/1	#12-2 W/G	SMALL APPLIANCE
KITCHEN RANGE	# 6-3	40/2	5	6	15/1	#14-2 W/G	LIGHTS/OUTLETS
			7	8	15/1	#14-2 W/G	LIGHTS/OUTLETS
			9	10	15/1	#14-2 W/G	LIGHTS/OUTLETS
LIGHTS/OUTLETS	#14-2 W/G	15/1	11	12			
LIGHTS/OUTLETS	#14-2 W/G	15/1	13	14			
LIGHTS/OUTLETS	#14-2 W/G	15/1	15	16	15/1	#14-2 W/G	BATH/EXTERIOR OUTLETS
LIGHTS/OUTLETS	#14-2 W/G	15/1	17	18	15/1	#14-2 W/G	DISPOSAL (OPT.)
LIGHTS/OUTLETS	#14-2 W/G	15/1	19	20	20/1	#12-2 W/G	DISHWASHER (OPT.)
LIGHTS/OUTLETS	#14-2 W/G	15/1	21	22	20/1	#12-2 W/G	BASEMENT (IF APPLICABLE)
SMOKE DETECTOR	#14-2 W/G	15/1	23	24	15/1	#14-2 W/G	LIGHTS/OUTLETS
GARAGE (OPT.)	#12-2 W/G	20/1	25	26	60/2	#6-3	ELECTRIC FURNACE
ALL BRANCH CIRCUIT CABLES TO BE TYPE NM-B COPPER w/ THHN INSULATION UNLESS OTHERWISE NOTED.			27	28			
			29	30	20/1	#12-2 W/G	OPT. GAS FURNACE
			31	32	50/2	#6-3 W/G	OPT. WALL OVEN
			33	34			
			35	36			

ELECTRIC LOAD	
Small Appliance circuits @ 1500 w. each	4,500 watts
Laundry branch circuits	1,500
General Lighting & Receptacles @ 3 w./sf	5,977
Range	12,000
Water Heater	4,500
Dryer	5,600
Exhaust Motors(Range-2.5A., Bath-.75A.)	480
	<u>34,557 watts</u>

FEEDER AND SERVICE LOAD	
Electric Furnace @ 65%	9.8 kVA
First 10 kVA @ 100%	10.0
Remainder of Load @ 40%	9.8
	<u>29.6 kVA</u>

S+ Smoke Detectors located on main floor and lower level or basement shall be interconnected so that activation of one causes all integral alarms to operate. Detectors shall have battery backup. Installation in accordance with NFPA 74-89.

6244

6244.DWG
 1/14/94
 3/16" = 1'-0"
 TAR

SECOND FLOOR ELECTRICAL PLAN

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REVISION DATE
 11/3/94



Unibilt Industries, Inc.
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Georgetown
 MODEL TSG

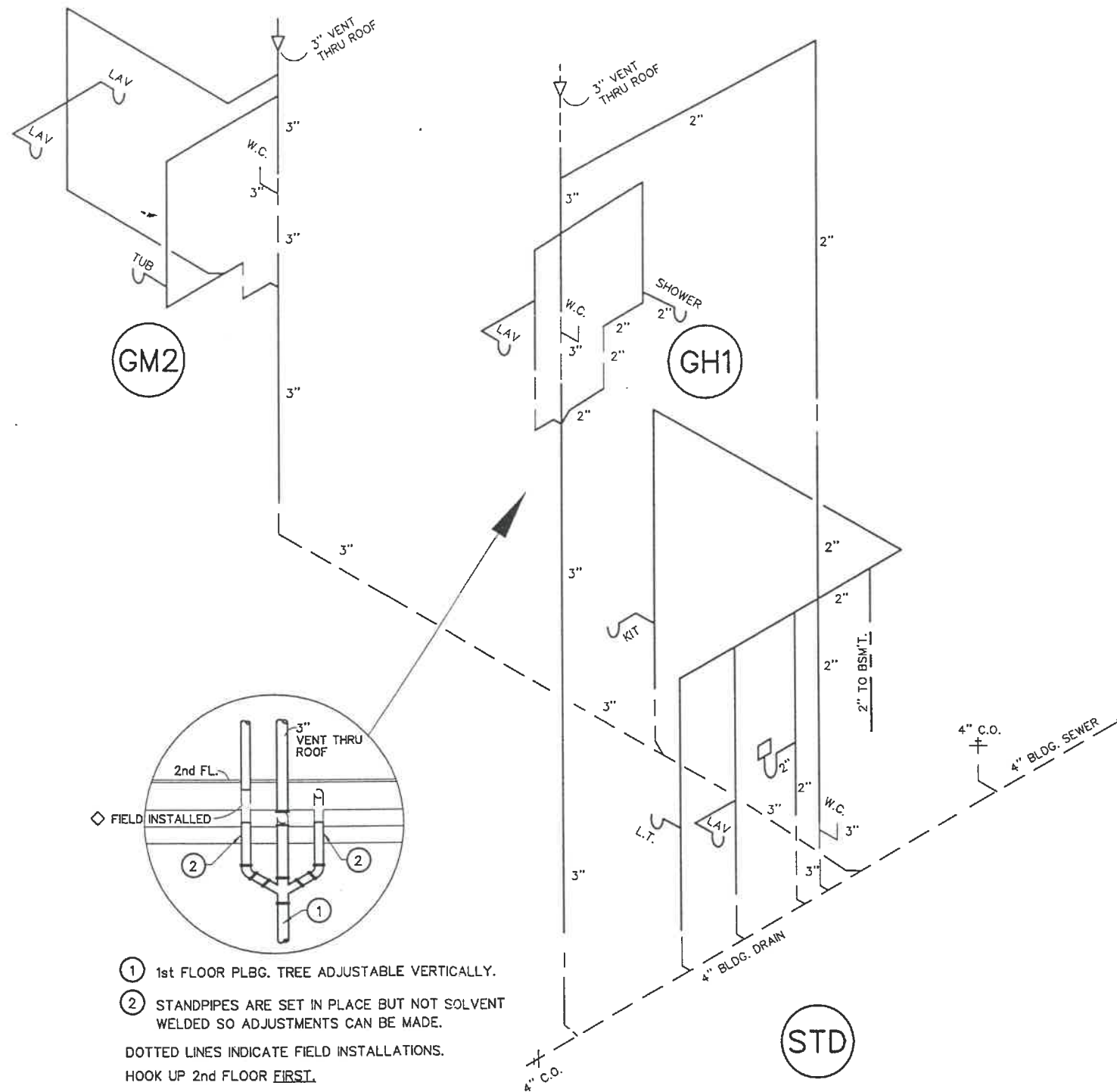
52A

LEGEND

- LINES INSTALLED IN PLANT
- - - LINES INSTALLED ON-SITE
- · - · - · OPTIONAL LINES INSTALLED IN PLANT

NOTE: ALL LINES 1 1/2" EXCEPT AS NOTED

SCHEDULE 40 PVC WITH SOLVENT JOINT SYSTEM



- ① 1st FLOOR PLBG. TREE ADJUSTABLE VERTICALLY.
 - ② STANDPIPES ARE SET IN PLACE BUT NOT SOLVENT WELDED SO ADJUSTMENTS CAN BE MADE.
- DOTTED LINES INDICATE FIELD INSTALLATIONS.
 HOOK UP 2nd FLOOR FIRST.
 THEN MAKE THE 3" PIPE CONNECTIONS 1st-TO-2nd,
 FOLLOWED BY SMALLER PIPE CONNECTIONS - 1st-TO-2nd FLOORS.

6244

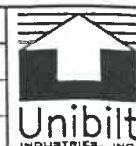
FIELD NOTES
 DASHED LINES INDICATE PLUMBING WHICH IS TO BE SITE-INSTALLED.

TSG-PL1.DWG
 2/9/94
 3/16" = 1'-0"
 drc

PLUMBING SANITARY SYSTEM

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REVISION DATE
 5/22/95



Unibilt Industries, Inc.
 P.O. Box 373 * Vandalia, Ohio 45377

Two - Story

MODEL TSG

LEGEND

- LINES INSTALLED IN PLANT
- - - - LINES INSTALLED ON-SITE
- - - - OPTIONAL LINES INSTALLED IN PLANT

TYPE "M" COPPER PIPE WITH SOLDER JOINT SYSTEM.

AN INLET GATE VALVE SHALL BE SITE-INSTALLED ON THE BUILDING WATER SERVICE SUPPLY.

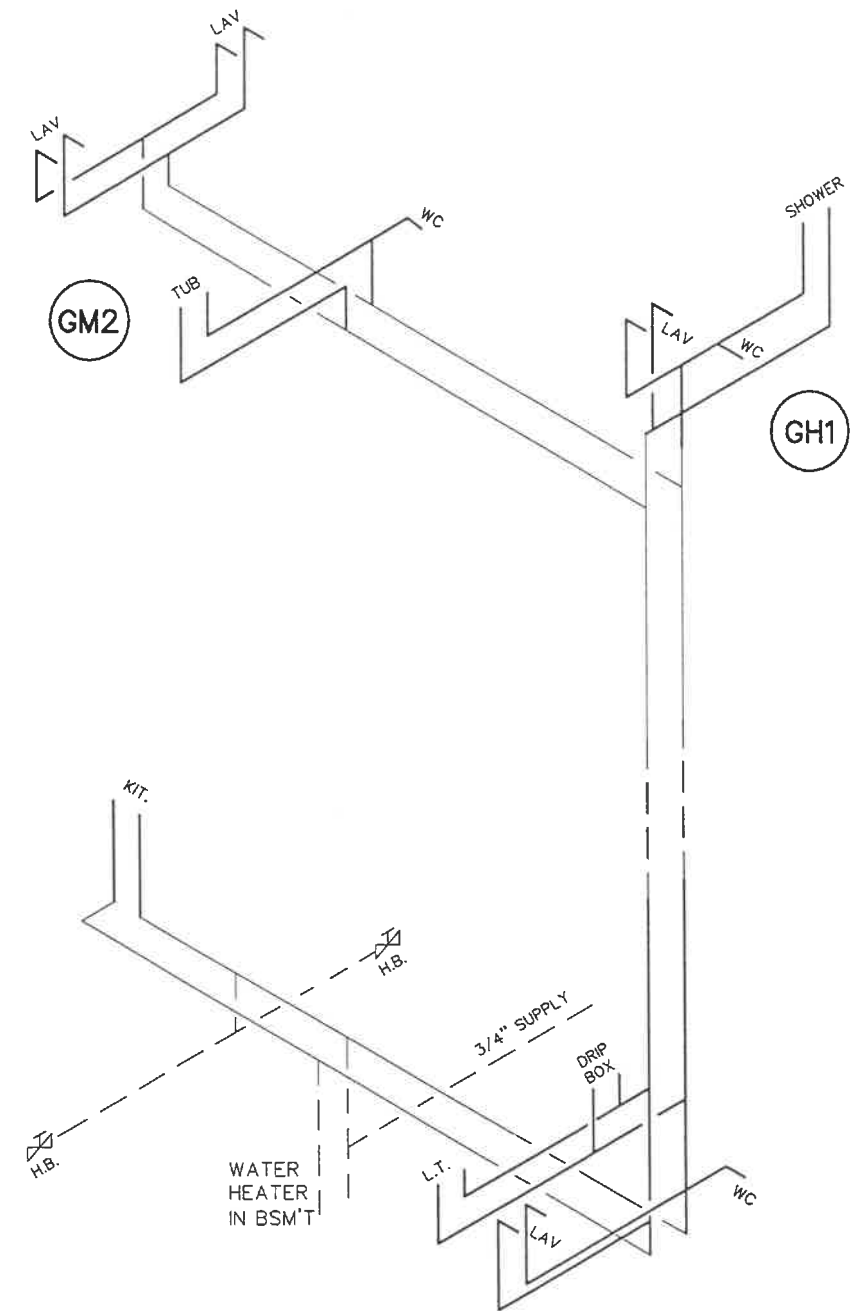
STOP VALVES SHALL BE INSTALLED AT ALL FIXTURES.

ALL LINES ARE 3/4", EXCEPT BRANCHES SERVING NO MORE THAN THE NUMBER OF FIXTURES NOTED BELOW-

	NO. OF FIXTURES
OHIO	TWO (2)
INDIANA	TWO (2)
KENTUCKY	TWO (2)
MICHIGAN	ONE (1)

FIXTURE SUPPLY SIZES

	COLD	HOT
MAIN WATER SUPPLY	3/4"	-
HOSE BIBBS	1/2"	-
WATER HEATER	3/4"	3/4"
WASHER DRIP BOX	1/2"	1/2"
SUPPLY TO 2ND FLOOR	3/4"	3/4"
BATHTUB	1/2"	1/2"
WATER CLOSET	1/2"	-
LAVATORY	1/2"	1/2"
SHOWER	1/2"	1/2"
KITCHEN SINK	1/2"	1/2"
DISHWASHER	1/2"	1/2"
LAUNDRY TRAY	1/2"	1/2"



6244

FIELD NOTES
DASHED LINES INDICATE PLUMBING WHICH IS TO BE SITE-INSTALLED.

TSG-PL2.DWG
2/9/94
3/16" = 1'-0"
drc

PLUMBING SUPPLY SYSTEM

REVISION DATE

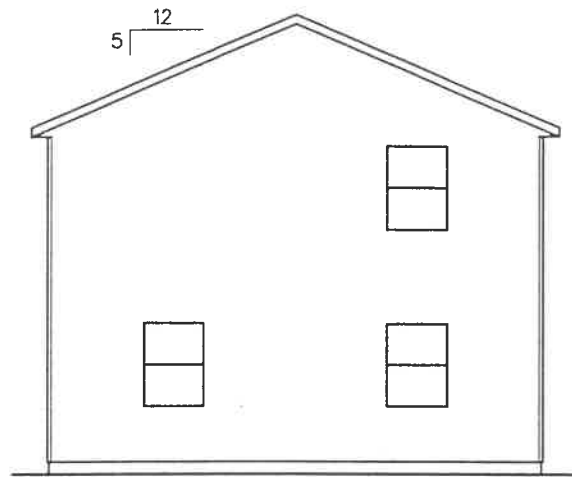


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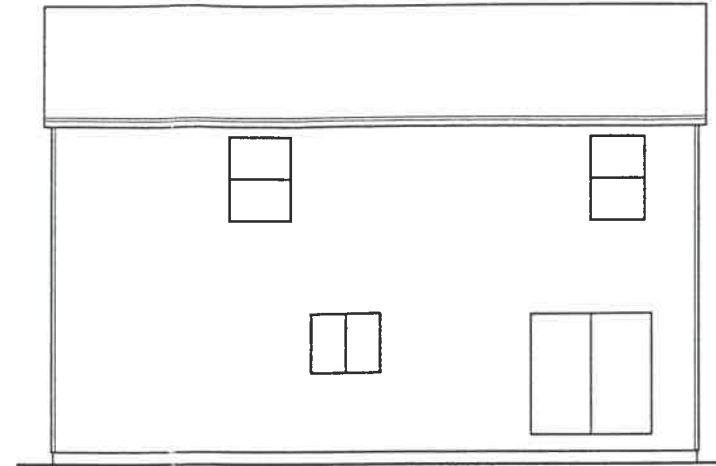
Two - Story

MODEL TSG

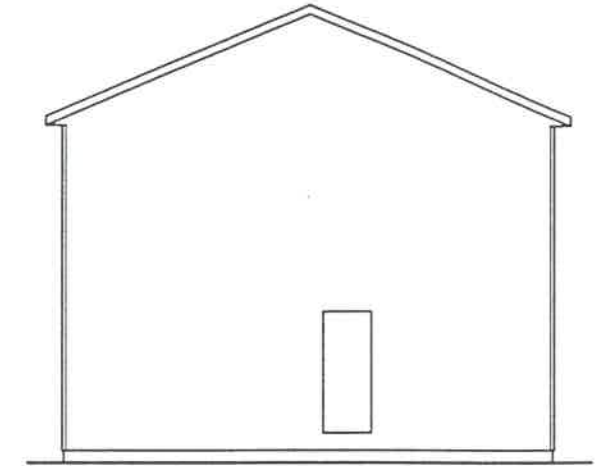
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LEFT SIDE ELEVATION
SCALE: 3/32" = 1'-0"



REAR ELEVATION
SCALE: 3/32" = 1'-0"

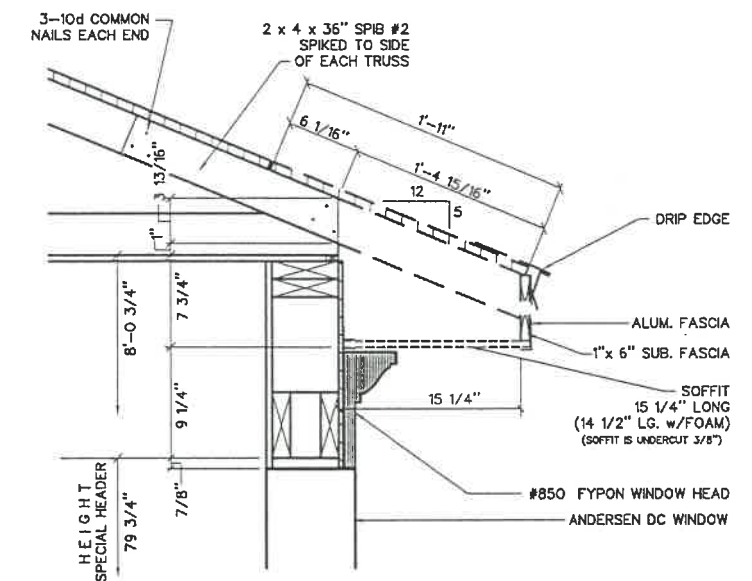


RIGHT SIDE ELEVATION
SCALE: 3/32" = 1'-0"



FRONT ELEVATION
SCALE: 3/16" = 1'-0"

- CEILING
- (79 1/4") SPECIAL HEADER HEIGHT FOR FYPON WINDOW HEADS.
- 2nd FLOOR
- 8'-0 1/4" CEILING
- 1st FLOOR



SITE APPLIED
5/12 16" OVERHANG
SCALE: 3/4" = 1'-0"

* DENOTES SPECIAL HEADER HEIGHT (79 3/4") FOR FYPON WINDOW HEADS...SEE OVERHANG DET.

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6244.DWG
1/14/94
3/16" = 1'-0"
TAR

EXTERIOR ELEVATIONS

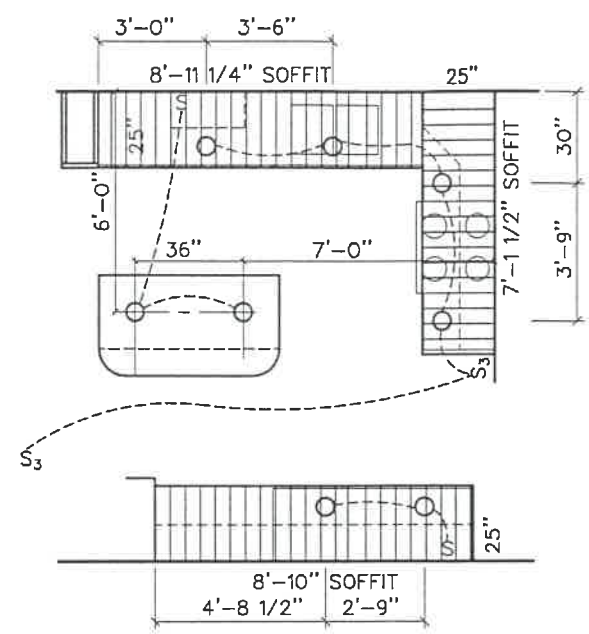
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REVISION DATE
4/1/94

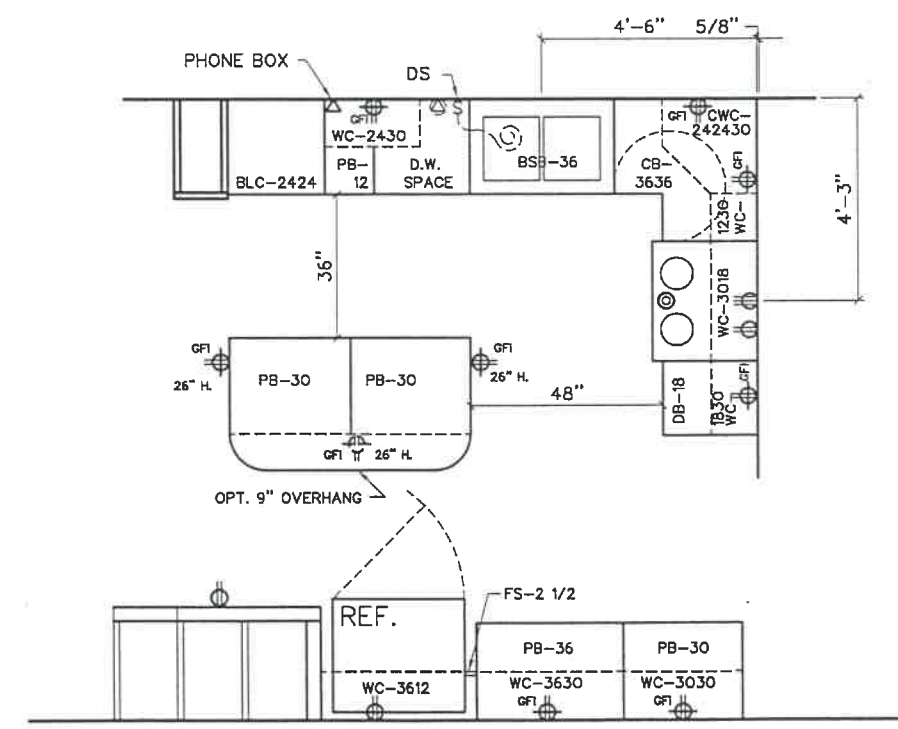


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Georgetown
MODEL TSG




RECESSED LIGHT SOFFIT (STD)
SCALE: 3/16" = 1'-0"

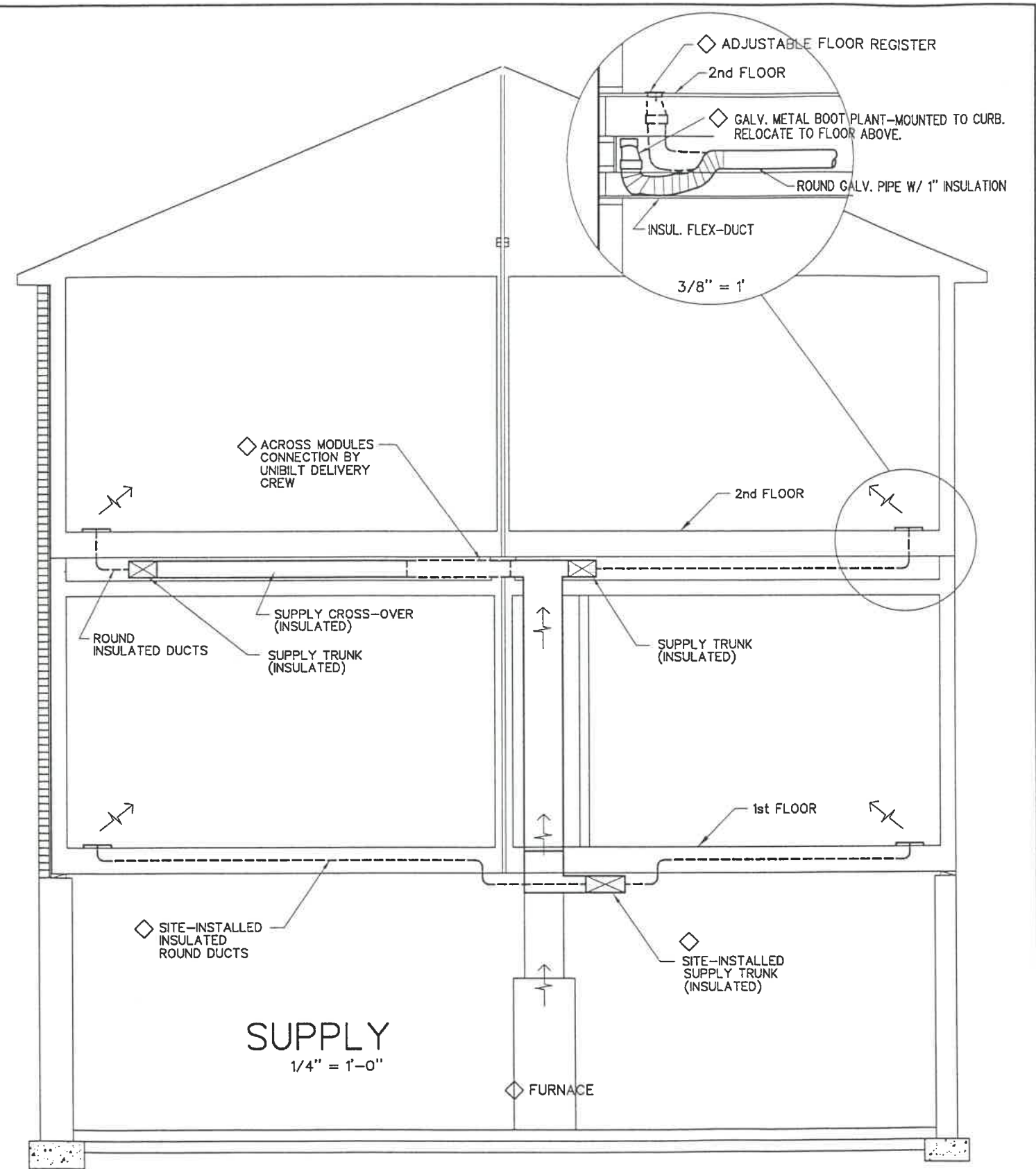
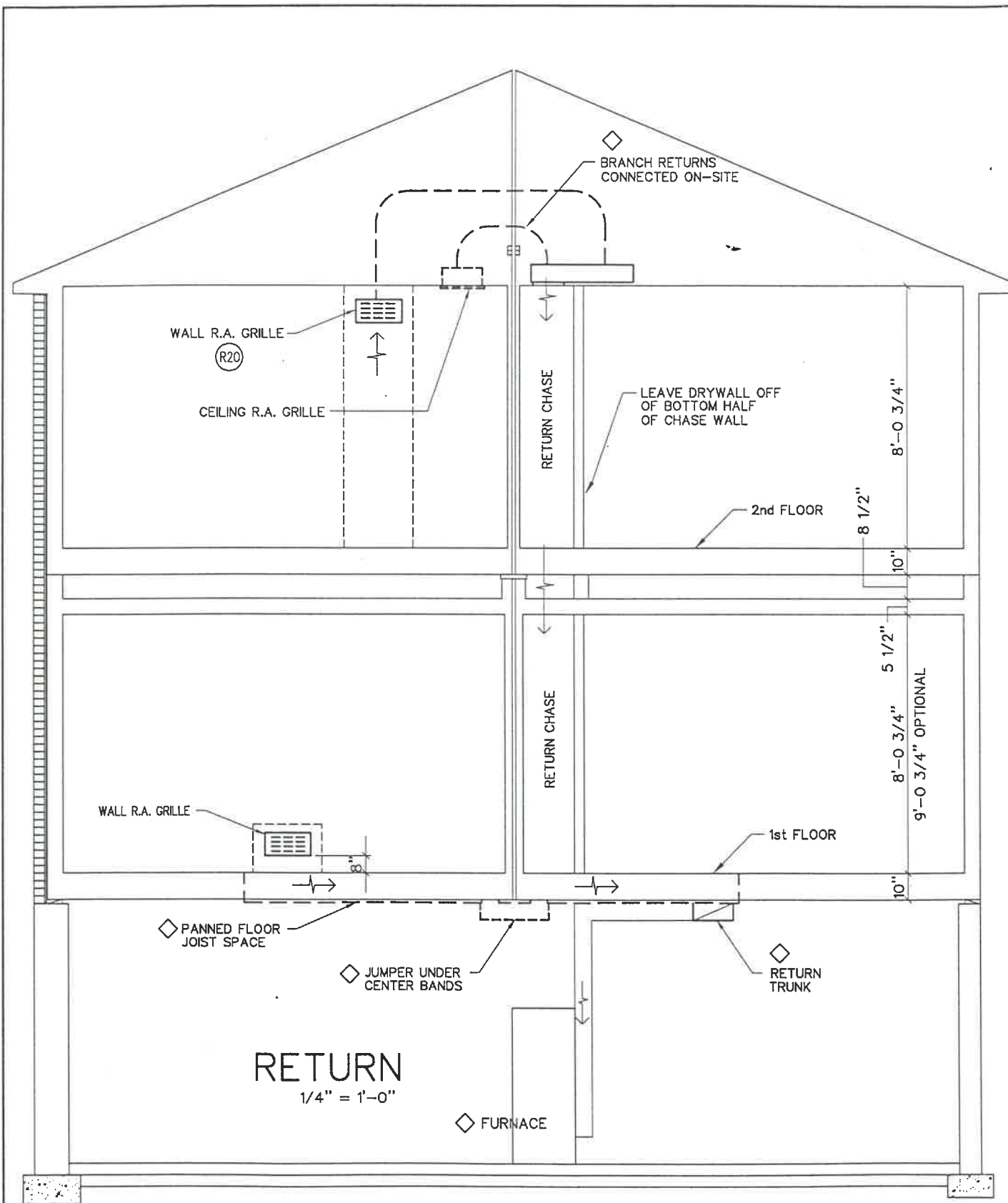


⚡ ALL OUTLETS ABOVE KITCHEN COUNTERTOPS TO BE GFI PROTECTED.

KITCHEN 16
SCALE: 1/4" = 1'-0"

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6244KIT.DWG 1/17/94 1/4" = 1'-0" TAR	KITCHEN CABINETS LAYOUT	REVISION DATE 	 Unibilt Industries, Inc. P.O. Box 373 • Vandalia, Ohio 45377	27'-4" W. TWO-STORY	BOOK I K16
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◇ FIELD WORK

FASCHEM.DWG
12/11/93
3/16" = 1'-0"
DCL

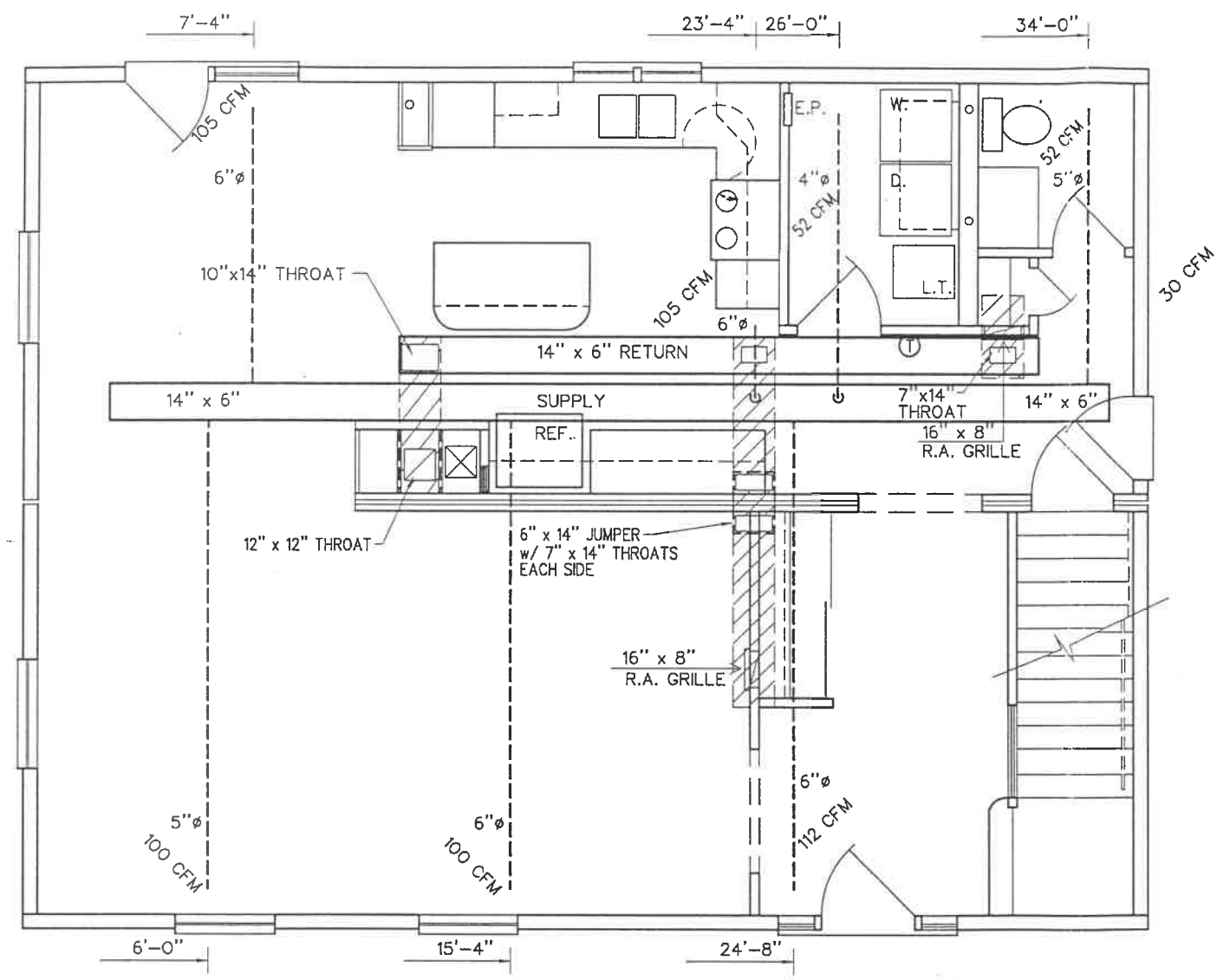
FORCED AIR SCHEMATICS

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Two - Story



DUCTWORK SITE-INSTALLED BELOW 1st FLOOR FLOOR

NOTES:

1. DUCTWORK SIZES SHOWN ARE INSIDE DIMENSIONS.
2. RECTANGULAR DUCTS TO BE 1" THICK AIR DUCT BOARD OR GALVANIZED SHEET METAL OUTSIDE 1" FIBERGLAS INSULATION WITH OUTSIDE VAPOR BARRIER, SEALED TIGHT WITH PROPER TAPING.
3. FLEX DUCTS TO BE OWENS-CORNING OR THERMAFLEX THERMADUCT. DUCT MATERIAL TO BE UL 181, CLASS 0 OR CLASS 1.
4. ALL DUCTWORK TO CONFORM TO APPLICABLE SMACNA LOW PRESSURE DUCT STANDARDS.
5. FRESH AIR SHOULD BE SUPPLIED BY A 4" ROUND DUCT FROM THE OUTDOORS TO THE RETURN AIR PLENUM WITH AN ADJUSTABLE DAMPER SET AT 65 CFM.
6. CFM NOTED AT REGISTERS IS FOR SUMMER AIR CONDITIONING. FOR WINTER OPERATION, 25% OF THIS AIR SHOULD BE SHIFTED TO THE 1st FLOOR.
7. THERMOSTAT TO BE DUAL-MERCURY BULB WITH COOLING MINIMUM SET POINT OF 75 DEGREES F. HEATING MAXIMUM SET POINT OF 72 DEGREES F.
8. FLOOR REGISTERS TO BE HART & COOLEY #421, OR EQUAL. 4" x 10", UNLESS NOTED OTHERWISE
9. 1st FLOOR MAIN SUPPLY = 620 CFM
2nd FLOOR MAIN SUPPLY = 610 CFM

TOTAL BUILDING = 1230 CFM
 TOTAL HEATING = 24,620
 TOTAL COOLING = 2.3 TONS
 DESIGN STATIC PRESSURE = .7"

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◇ FIELD WORK

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 1/14/94
 3/16" = 1'-0"
 TAR

1st FLOOR SUPPLY & RETURN

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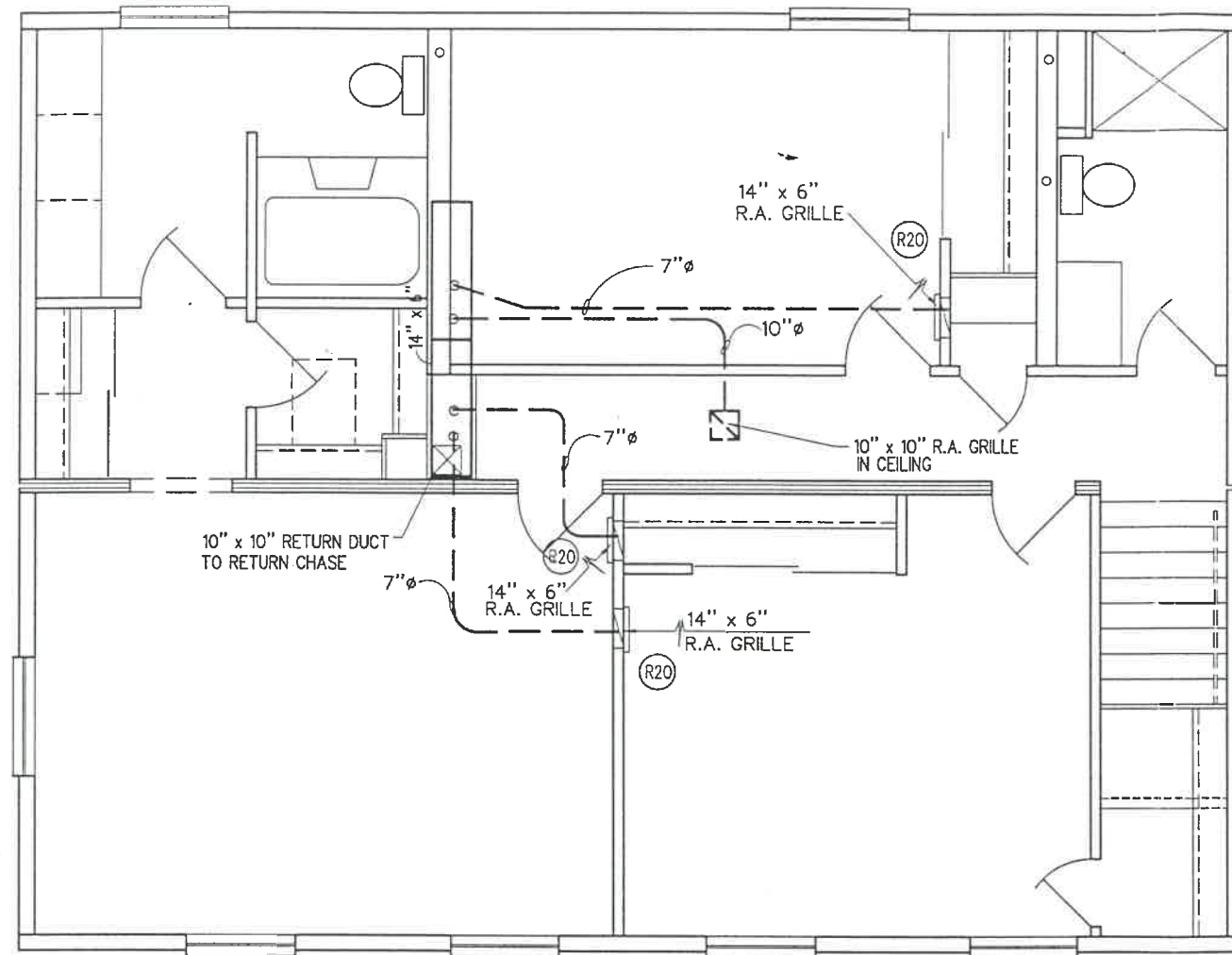
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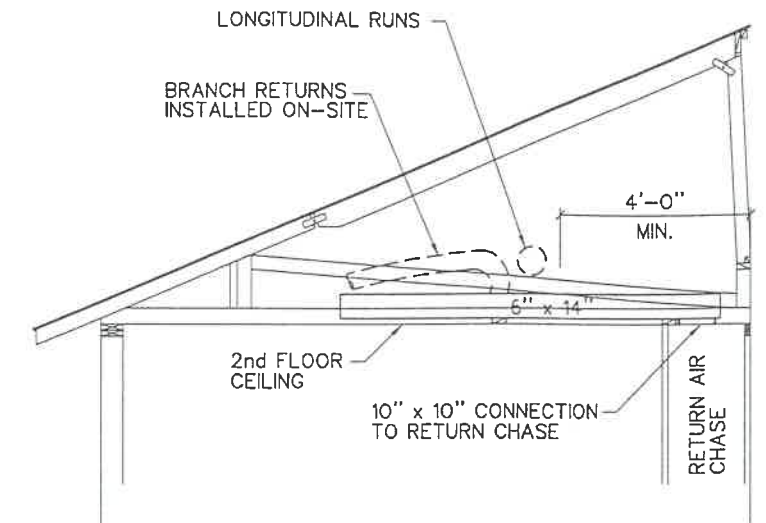
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 MODEL TSG

111A



DUCTWORK PLANT INSTALLED ABOVE 2nd FLOOR CEILING



2nd FLOOR RETURN
1/4" = 1 FOOT

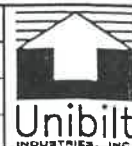
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6244.DWG
1/14/94
3/16" = 1'-0"
TAR

2nd FLOOR RETURN

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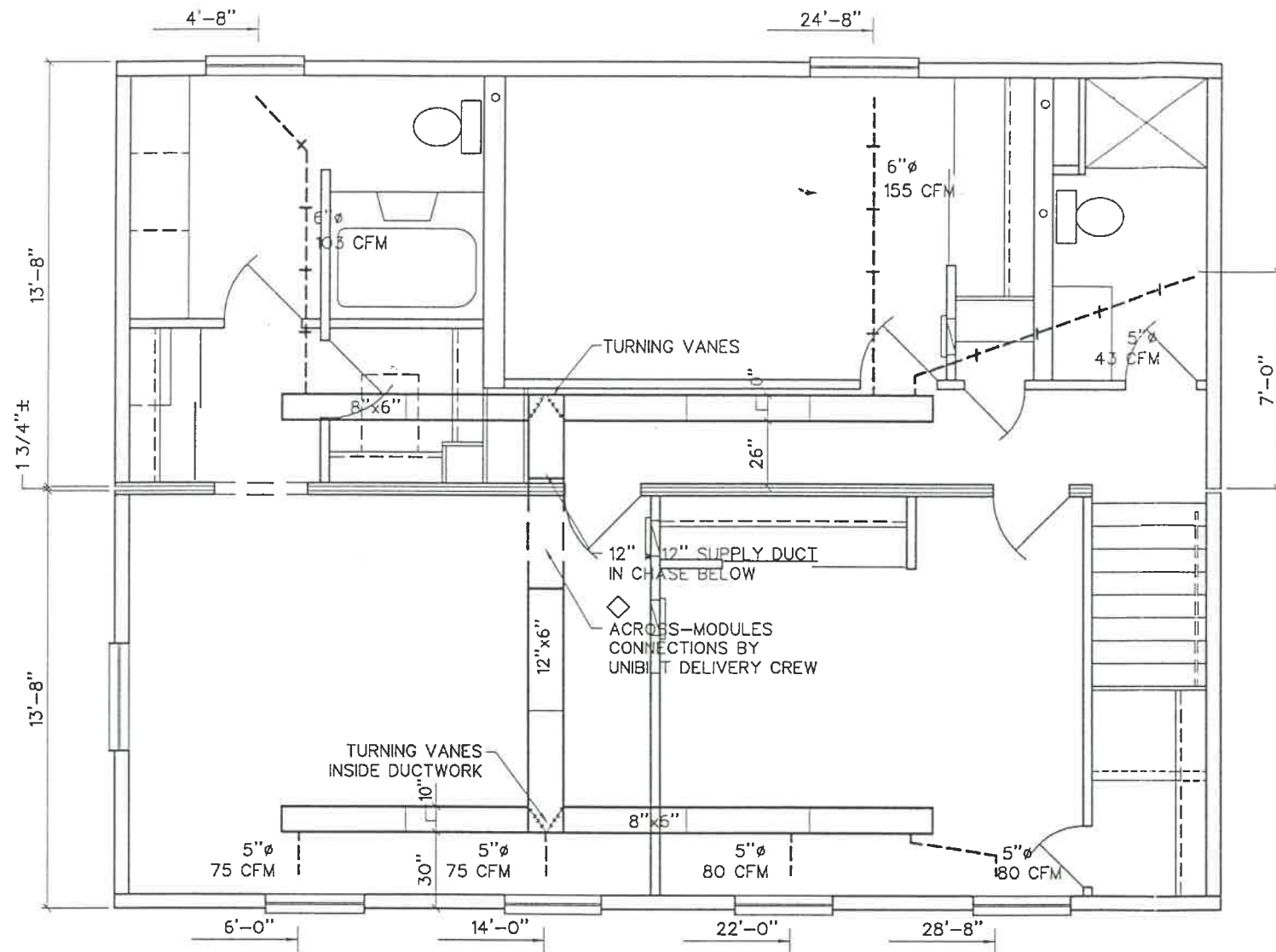
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11/3/94



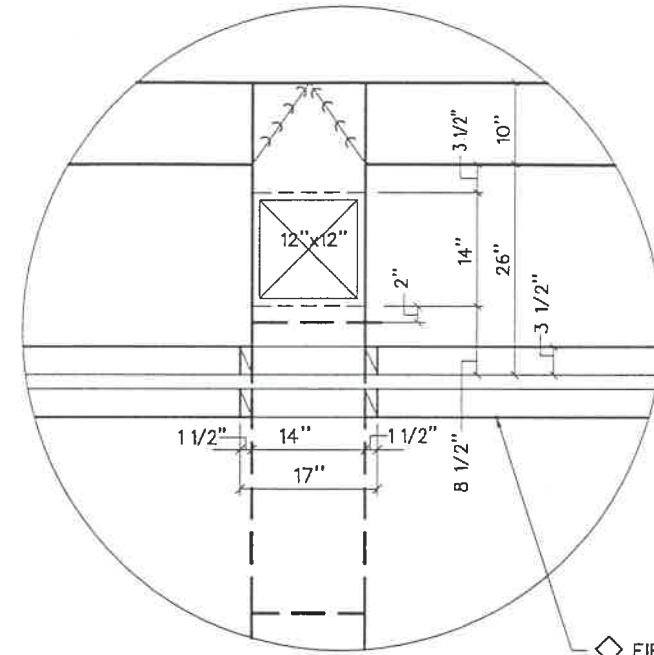
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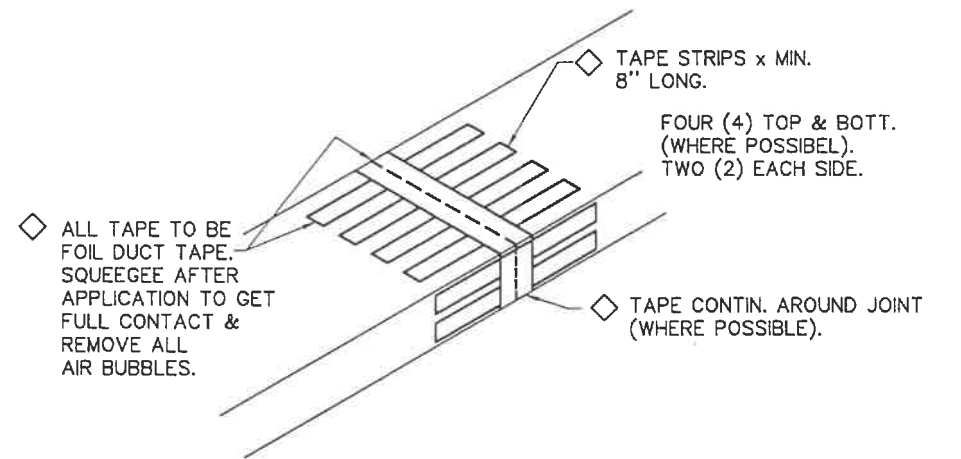
122A



DUCTWORK PLANT—INSTALLED ABOVE 1st FLOOR CEILING



◇ FIELD—INSTALL FOUR (4) 2" x 4" x 8 1/2" BLOCKS AFTER DUCT IS INSTALLED & TAPED.



DUCTBOARD CONNECTION
NO SCALE

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◇ FIELD WORK

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2nd FLOOR SUPPLY

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