

Date 3/31/2008

KNOX COUNTY CONSTRUCTION PERMIT

08-0880

Department of Code Administration & Inspection Phone 865-215-2325, Fax 865-215-4255

PERMIT NO. 08 0880

Permit Type SINGLE FAMILY DWELLING

Project Information

Construction Type RESIDENTIAL

Table with project details: Proj.Name, Address (1008 GRAY EAGLE LN), Subdivision (GRAY EAGLE SPRINGS), Lot No. (23), Zone (PR), Dwelling (1), Front Setback (20), Left Setback (5), Right Setback (5), Rear Setback (15), etc.

Plans Review Information

Pre-approved plans Pre-approve Date

Permit Number

Variance N

Reviews

Fees

Estimated Value \$ 210,000.00

Table for reviews: Engineering, Zoning, Fire Bureau, Building

BUILDING FEES \$ 652.25 PLANS REVIEW FEES \$ 50.00

Total Fees \$ 702.25

Owner/Contractor Information

Building Contractor UNDERWOOD, MICHAEL BUILDERS, INC.

Contractor Lic. 14469

Address PO BOX 22821 KNOXVILLE TN 37933

BUSINESS 865 679-9147

Owner UNDERWOOD, MICHAEL BUILDERS, INC.

Address PO BOX 22821 KNOXVILLE TN 37933

BUSINESS 865 679-9147

Mechanical Contractor VASEY HEAT & AIR CONDITIONING, INC.

Plumbing Contractor EDWARDS PLUMBING COMPANY

Handwritten note: RAAG-17-04 still working Leave Open

Inspection Remarks table with columns: 1ST INSPECTION, 2ND INSPECTION, FINAL, GAS. Includes handwritten dates and signatures like 'OK SAB 4/9/08' and 'Rej 12/19/08 ME'.

- 1. It is the responsibility of the owner/contractor to telephone the inspection office for all required inspections.
2. No building or structure shall be occupied until a Certificate of Occupancy has been issued.
3. This permit becomes invalid if the work authorized has not begun within 180 days or work has suspended for a period of 180 days.
4. Applicable codes include, without limitation, the following building codes, and regulations as adopted in Knox County ICC's 2006 International Codes: Building (IBC); Residential (IRC); Plumbing (IPC); Mechanical (IMC); Fuel Gas (IFGC); Fire (IFC); Property Maintenance (IPMC). 2006 NFPA 101 Life Safety Code.
5. Existing utilities and utility easements must remain undisturbed. It is prohibited to change the grade or construct a permanent structure above the existing utility or within the utility easement. Call Tennessee One-Call before digging 1-800-351-1111.

I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and resolutions governing this type of work will be complied with whether specified herein or not. This permit shall not be construed as authority to violate or cancel the provisions of any State or Local law regulating construction or the performance of construction.

Signature of Owner/Contractor

Date



CODE ADMINISTRATION & INSPECTION - REPORT (865) 215-2325



PERMIT NO: 08-0880 RESIDENTIAL COMMERCIAL DATE: 12-19-07

NAME: Underwood ADDRESS: 1008 Gray Eagle

O.K. REJECT gas SBDV: Gray Eagle Spgs SLOT #: 23

NO ONE ON SITE

HOUSE LOCKED

NO LOT# OR ADDRESS

INSPECTOR: Maryn Nels SHEET: 3 A/TIME: 2:30 D/TIME: 2:45

Commercial facilities must be inspected and approved by both Knox County Code Administration and Knox County Fire Prevention Bureau

SITE	PLUMBING	ELECTRICAL	GAS / MECHANICAL
1. Provide erosion control	32. Install all nail guards	44. Support wires in crawl space per code	51. Ground gas pipe (8 foot rod & #6 copper wire)
2. Install a portable restroom	33. Install stud brackets at cut stud(s)	45. Install all outlet and switch plate covers	52. Strap electrical wires away from gas vent
3. Post lot number & building permit	34. Copper pipe cannot touch dissimilar metals	46. Need power on to perform a final inspection	53. Anchor draft hood to water heater
FOOTING	35. Check auto vents on final - Must be listed type	47. Smoke det. must be 3' from supply / rtn. vents	54. Gas vents must meet clearances to combustibles
4. Trim roots & all vegetation	36. No leak test on DWV Water Supply	48. Smoke det. must be series wired battery backup	55. Support gas vents per mfg instructions
5. Remove standing water	37. Support all plumbing supply lines per code	49. Install GFCI outlets per code	56. Support gas piping per code
6. Remove mud and or loose soil	38. Support DWV at every 4' on center minimum	50. Install wire splices in junction box with cover	56a. Anchor gas line at shut off valves securely
7. Soil is soft when probed	39. No 'S' traps are allowed	GAS / MECHANICAL	57. Protect all pipe within 6" of the soil
8. Install bulkheads @ 12" from step down	40. Complete plumbing setout	51. Ground gas pipe (8 foot rod & #6 copper wire)	58. Vents must terminate at least 12" above grade
9. Install grade pins	41. Install T&P relief pipe to 6" above floor	52. Strap electrical wires away from gas vent	59. Terminate vents per manufacturers instruction
10. Square up corners	42. Anchor exterior hose bibs	53. Anchor draft hood to water heater	60. Protect flex pipe where it enters furnace housing
FRAMING	43. Anchor laundry sink	54. Gas vents must meet clearances to combustibles	61. The gas pipe failed a pressure leak test
11. Vent bath fans to exterior	ELECTRICAL	55. Support gas vents per mfg instructions	62. Install light & outlet for attic crawl space unit
12. Seal all vertical penetrations	44. Support wires in crawl space per code	56. Support gas piping per code	
13. Fill all nail holes in hangers	45. Install all outlet and switch plate covers	56a. Anchor gas line at shut off valves securely	
14. Shim gaps between headers & studs	46. Need power on to perform a final inspection	57. Protect all pipe within 6" of the soil	
15. Support girders full width of piers	47. Smoke det. must be 3' from supply / rtn. vents	58. Vents must terminate at least 12" above grade	
16. Install a lintel over the HVAC opening	48. Smoke det. must be series wired battery backup	59. Terminate vents per manufacturers instruction	
17. Install three nails per joist into ledger strip	49. Install GFCI outlets per code	60. Protect flex pipe where it enters furnace housing	
18. Install lateral bracing at roof floor trusses	50. Install wire splices in junction box with cover	61. The gas pipe failed a pressure leak test	
19. Install studs at truss ends girder ends	GAS / MECHANICAL	62. Install light & outlet for attic crawl space unit	
20. Window at tub area must be tempered	51. Ground gas pipe (8 foot rod & #6 copper wire)		
21. Install weather resistant house wrap	52. Strap electrical wires away from gas vent		
22. Bolt deck to house per code	53. Anchor draft hood to water heater		
23. Install steel or solid wood shims on piers	54. Gas vents must meet clearances to combustibles		
24. Install fire blocking at floor ceiling level	55. Support gas vents per mfg instructions		
24a. Install foundation wall bracing 24" 48"	56. Support gas piping per code		
25. Install all joist roof truss girder hangers	56a. Anchor gas line at shut off valves securely		
26. Install fire stop at fireplace roof ceiling	57. Protect all pipe within 6" of the soil		
Install (3) nails at roof member ends	58. Vents must terminate at least 12" above grade		
Install anchor bolts per code	59. Terminate vents per manufacturers instruction		
Install collar ties & rafter ties per code	60. Protect flex pipe where it enters furnace housing		
Valley bds. must = rafter end depth	61. The gas pipe failed a pressure leak test		
water from crawl space	62. Install light & outlet for attic crawl space unit		

- 63. Clean out the pan under the attic HVAC unit
- 64. Install 30" platform at HVAC unit
- 65. Install 2" walkway to HVAC unit
- 66. Install drain line or float switch from pan
- 67. Install condensate drain line and trap
- 68. Terminate condensate drain away from the house
- 69. Insulate refrigerant lines their full length
- 69a. Install R-6 duct insulation
- 70. Seal all air leaks at the 'A' coil
- 71. Submit manufacturer's instructions w/ equipment

LETTERS

- 72. Submit footing letter
- 73. Submit letter on fireplace fire stop installation
- 74. Submit letter: plumbing test License Plumber
- 75. Submit letter on smoke detectors on alarm system
- 76. Submit engineer letter for cut truss or TJI repair
- 77. Submit letter on window film installation

FINAL

- 78. Install address on building with 4" numerals
- 79. Seal garage wall & ceiling penetrations
- 79a. Install 5' 8" type 'X' sheetrock on garage ceiling
- 80. Seal all exterior penetrations
- 81. Install splash blocks piping gutters etc.
- 82. Complete grade work slope 6" within 10'
- 83. Anchor & seal vent wells to house
- 84. Install screens for crawl space vents
- 85. Install a 6 mil. vapor barrier in the crawl space
- 86. Install dryer exhaust vent covers & seal around
- 87. Insulate attic to R30 R38
- 88. Insulate the floor system in crawl space to R13
- 89. Remove all debris & vegetation from crawl space
- 90. Install 3'x3' landing at door & steps
- 91. Install whirlpool access and or ventilation
- 92. Install fire retardant paint on pull down stairs
- 93. Install radon system per code
- 94. Windows within 2' of door must be tempered
- 95. Weep holes not installed in brick per code



CODE ADMINISTRATION & INSPECTION - REPORT (865) 215-2325



PERMIT NO: 08-0830

RESIDENTIAL

COMMERCIAL

DATE: 12/24/08

NAME: Underwood

ADDRESS: 1008 Gray Eagle Ln

O.K. Gas REJECT

SBDV: Gray Eagle Springs 23

INSPECTOR: [Signature]

SHEET: 4

A/TIME: 8:15 D/TIME: 8:35

Commercial facilities must be inspected and approved by both Knox County Code Administration and Knox County Fire Prevention Bureau

SITE	
1. Provide erosion control	
2. Install a portable restroom	
3. Post lot number & building permit	
FOOTING	
4. Trim roots & all vegetation	
5. Remove standing water	
6. Remove mud and/or loose soil	
7. Soil is soft when probed	
8. Install bulkheads @ 12" from step down	
9. Install grade pins	
10. Square up corners	
FRAMING	
11. Vent bath fans to exterior	
12. Seal all vertical penetrations	
13. Fill all nail holes in hangers	
14. Shim gaps between headers & studs	
15. Support girders full width of piers	
16. Install a lintel over the HVAC opening	
17. Install three nails per joist into ledger strip	
18. Install lateral bracing at: roof / floor trusses	
19. Install studs at: truss ends / girder ends	
20. Window at tub area must be tempered	
21. Install weather resistant house wrap	
22. Bolt deck to house per code	
23. Install steel or solid wood shims on piers	
24. Install fire blocking at floor / ceiling level	
24a. Install foundation wall bracing: 24" / 48"	
25. Install all joist / roof / truss / girder hangers	
26. Install fire stop at: fireplace / roof ceiling	
27. Install (3) nails at roof member ends	
28. Install anchor bolts per code	
29. Install collar ties & rafter ties per code	
30. Ridge Valley bds must = rafter end depth	
31. Remove water from crawl space	

PLUMBING	
32. Install all nail guards	
33. Install stud brackets at cut stud(s)	
34. Copper pipe cannot touch dissimilar metals	
35. Check auto vents on final - Must be listed type	
36. No leak test on DWV Water Supply	
37. Support all plumbing supply lines per code	
38. Support DWV at every 4' on center minimum	
39. No 'S' traps are allowed	
40. Complete plumbing setout	
41. Install T&P relief pipe to 6" above floor	
42. Anchor exterior hose bibs	
43. Anchor laundry sink	
ELECTRICAL	
44. Support wires in crawl space per code	
45. Install all outlet and switch plate covers	
46. Need power on to perform a final inspection	
47. Smoke det. must be 3' from supply / rtn. vents	
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56. Support gas piping per code	
56a. Anchor gas line at shut off valves securely	
57. Protect all pipe within 6" of the soil	
58. Vents must terminate at least 12" above grade	
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60. Protect flex pipe where it enters furnace housing	
61. The gas pipe failed a pressure leak test	
62. Install light & outlet for attic / crawl space unit	

63. Clean out the pan under the attic HVAC unit	
64. Install 30" platform at HVAC unit	
65. Install 2' walkway to HVAC unit	
66. Install drain line or float switch from pan	
67. Install condensate drain line and trap	
68. Terminate condensate drain away from the house	
69. Insulate refrigerant lines their full length	
69a. Install R-6 duct insulation	
70. Seal all air leaks at the 'A' coil	
71. Submit manufacturer's instructions w/ equipment	
LETTERS	
72. Submit footing letter	
73. Submit letter on fireplace fire stop installation	
74. Submit letter: plumbing test - License Plumber	
75. Submit letter on smoke detectors on alarm system	
76. Submit engineer letter for cut truss or TJI repair	
77. Submit letter on window film installation	
FINAL	
78. Install address on building with 4" numerals	
79. Seal garage wall & ceiling penetrations	
79a. Install 5/8" type 'X' sheetrock on garage ceiling	
80. Seal all exterior penetrations	
81. Install: splash blocks / piping / gutters etc.	
82. Complete grade work / slope 6" within 10'	
83. Anchor & seal vent wells to house	
84. Install screens for crawl space vents	
85. Install a 6 mil. vapor barrier in the crawl space	
86. Install dryer exhaust vent covers & seal around	
87. Insulate attic to R30 R38	
88. Insulate the floor system in crawl space to R13	
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94. Windows within 2' of door must be tempered	
95. Weep holes not installed in brick per code	

<u>Furnace</u>	<u>Furnace</u>	<u>WK</u>	<u>Furnace</u>	R-060407
<u>02/28</u>	<u>10/00</u>	<u>40/00</u>	<u>2/1/00</u>	www.knoxcounty.org codes