



# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

DILP 2019 AUG 12 AM 10:1

Date Received: \_\_\_\_\_

Permit No.: B/9002704

Building Address: 1004 THUNDERBOLD DRIVE  
City: WOODBINE State: MD Zip Code: 21797  
Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
Census Tract: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: 44  
Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_ Grid: \_\_\_\_\_  
Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 1.1 AC

Existing Use: SFD  
Proposed Use: SFD W/PROPANE TANK  
Estimated Construction Cost: \$ 4,000  
Description of Work:  
INSTALL 1000 GAL UNDERGROUND PROPANE TANK

Occupant/Tenant Name: OWNER  
Was tenant space previously occupied? ☐ Yes ☐ No  
Contact Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Property Owner's Name: NVR INC  
Address: 9720 PATUXENT WOODS DRIVE  
City: COLUMBIA State: MD Zip Code: 21046  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Applicant's Name & Mailing Address, (If other than stated herein)**  
Applicant's Name: MICHELLE CLANCY  
Address: PO BOX 310  
City: PERRY HALL State: MD Zip Code: 21128  
Phone: 443-610-7514 Fax: \_\_\_\_\_  
Email: MICHELLE@APPLIEDANDAPPROVED.COM

Contractor Company: TECH AIR  
Contact Person: DENNIS FEAGA  
Address: 1560 A-D CATON CENTER DRIVE  
City: BALTIMORE State: MD Zip Code: 21227  
License No.: 81215  
Phone: 410-984-5681 Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Engineer/Architect Company: CONTRACTOR  
Responsible Design Prof.: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	<b>Depth</b> <b>Width</b>
Gross area, sq. ft./floor:	1 <sup>st</sup> floor:
	2 <sup>nd</sup> floor:
Area of construction (sq. ft.):	Basement:
	<input type="checkbox"/> Finished Basement
Use group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
<input checked="" type="checkbox"/> <b>Roadside Tree Project Permit</b>	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
<b>Roadside Tree Project Permit #</b>	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Electric: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Water Supply</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<b>Sewage Disposal</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<b>Heating System</b>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<b>Sprinkler System:</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Grading Permit Number:</b>	
<b>Building Shell Permit Number:</b>	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature \_\_\_\_\_  
MICHELLE@APPLIEDANDAPPROVED.COM  
Email Address

Print Name MICHELLE CLANCY  
Date 8/9/19

PERMITS

Title/Company

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>8/9/19</u>	<u>Ac H</u>

Is Sediment Control approval required for issuance? ☐ Yes ☐ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$ <u>110.00</u>
Permit Fee	\$ <u>110</u>
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$ <u>220</u>
Balance Due	\$
Check	# <u>2126</u>

tribution of Copies: White: Building Officials

Green: PSZA,Zoning

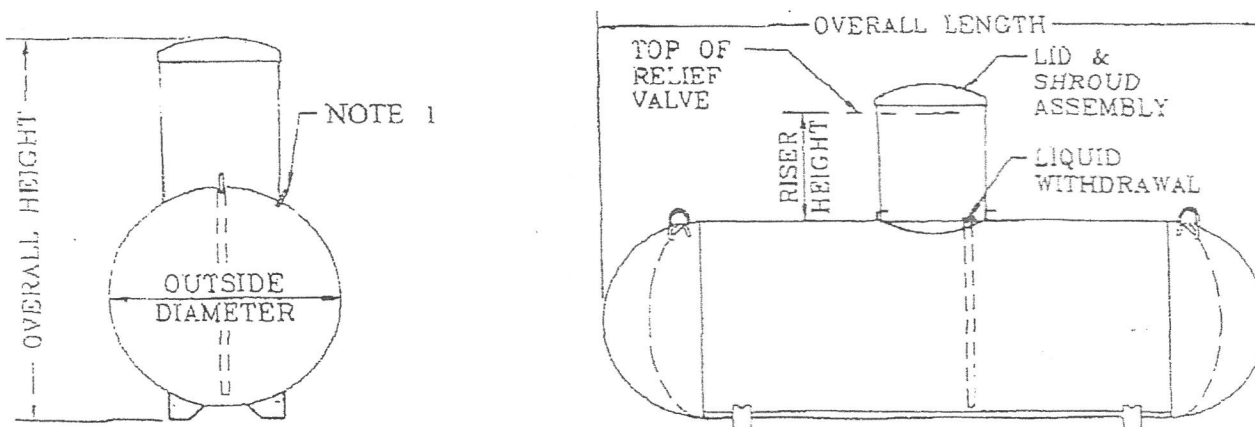
Yellow: PSZA,Engineering

Pink: Health

Gold: SHA

# TRINITY INDUSTRIES, INC.

## Underground Vesse



### General Specifications

Conforms to the latest edition and addenda of the ASME, Section VIII, div.1 code for Pressure Vessels. Complies with NFPA 58 and is listed by Underwriters Laboratories, Inc.

Rated at 250 psig from -20°F. to 125°F. All tanks may be evacuated to a full (14.7 psi) vacuum.

Vessel Finish: Coated with epoxy red powder.

Applicable federal, state or local regulations may contain specific requirements for protective coatings and cathodic protection. The purchaser and installer are responsible for compliance with such federal, state or local regulations.

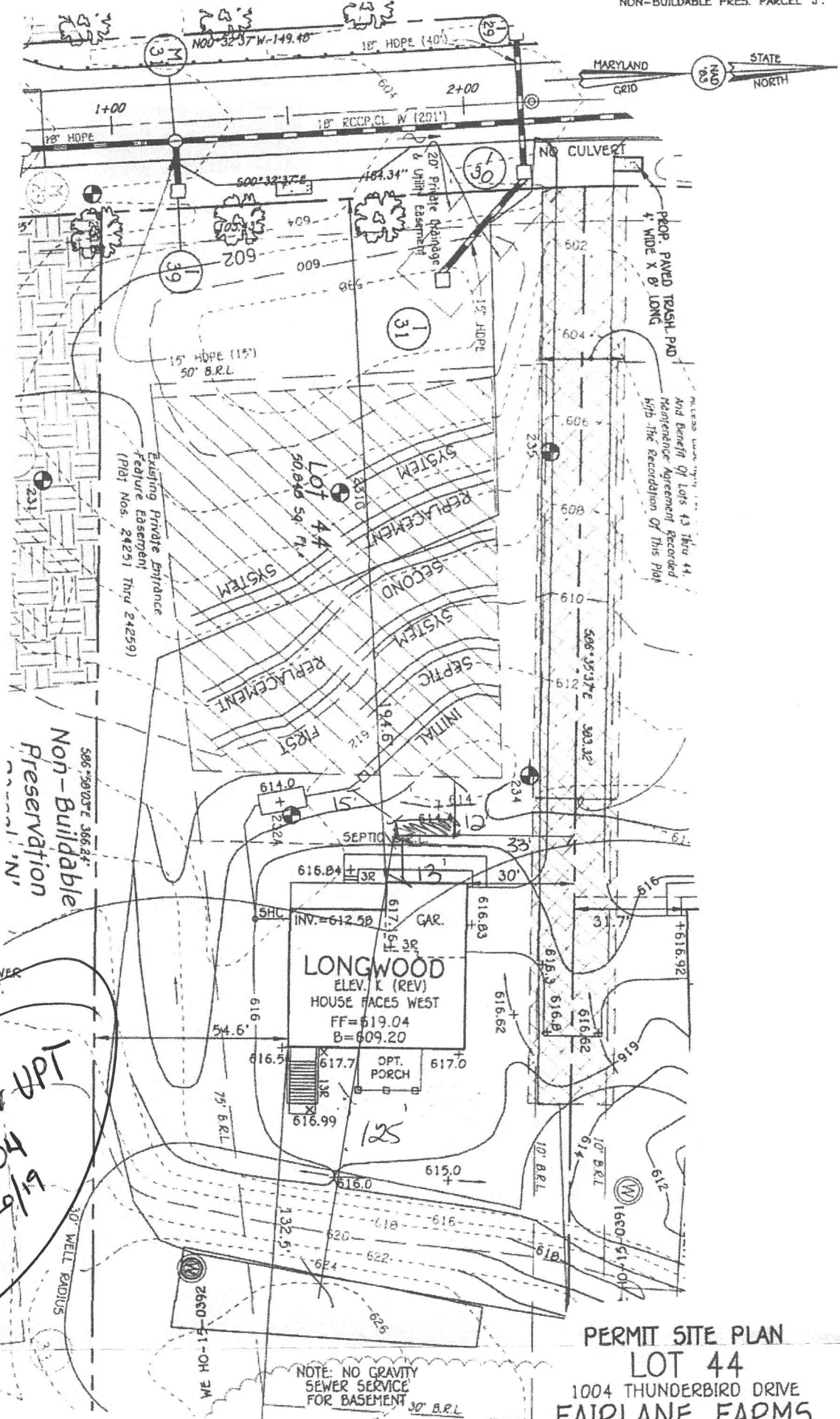
All vessel dimensions are approximate

WATER CAPACITY	OUTSIDE DIAMETER	HEAD TYPE	OVERALL LENGTH	OVERALL HEIGHT		WEIGHT	QUANTITY IN FULL LOAD
				Riser Height			
				14"	28"		
120 wg 454.2 L	24" 609.6 mm	Ellip	5' - 5 7/8" 1671.6 mm	3' - 9 7/8" 1165.2 mm	4' - 8 3/8" 1431.9 mm	252 lbs. 114.3 kg	63
250 wg 946.3 L	31.5" 800.1 mm	Hemi	7' - 2 1/2" 2197.1 mm	4' - 5 3/8" 1355.7 mm	5' - 3 3/8" 1609.7 mm	472 lbs. 214.1 kg	42
320 wg 1211.2 L	31.5" 800.1 mm	Hemi	8' - 11 3/4" 2736.9 mm	4' - 5 3/8" 1355.7 mm	5' - 3 3/8" 1609.7 mm	588 lbs. 266.7 kg	35
500 wg 1892.5 L	37.42" 950.5 mm	Hemi	9' - 10" 2997.2 mm	4' - 11 3/8" 1506.6 mm	5' - 9 7/8" 1773.2 mm	921 lbs. 417.8 kg	25
1000 wg 3785.0 L	40.96" 1040.4 mm	Hemi	15' - 10 7/8" 4846.6 mm	5' - 2 7/8" 1597.0 mm	6' - 1 3/8" 1863.7 mm	1731 lbs. 785.2 kg	15
2000 wg 3785.6 L	46.614" 1183.9 mm	Ellip	23' - 9 3/8" 7248.5 mm	5' - 8 13/16" 1747.8 mm	6' - 7 5/16" 2014.5 mm	3685 lbs. 1671.4 kg	8

**OWNER/DEVELOPER**  
 NV HOMES  
 9720 PATURNT WOODS DRIVE  
 COLUMBIA, MD 21046  
 410-379-9956

**NOTE:** THE EXISTING WELL SHOWN ON THIS PLAN, HO-15-0392, HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

**STORMWATER MANAGEMENT NOTES:**  
 STORMWATER MANAGEMENT FOR LOT 44 IS BEING PROVIDED BY BMP NO. 6, BIORETENTION FACILITY (F-6), LOCATED ON NON-BUILDABLE PRES. PARCEL 'J'.



NOTE: NO GRAVITY SEWER SERVICE FOR BASEMENT.

Approved for UPT  
 B19002704  
 KSF 6/29/19

**PERMIT SITE PLAN**  
**LOT 44**  
 1004 THUNDERBIRD DRIVE  
**FAIRLANE FARMS**

PHASE TWO  
 ZONED: RC-DEO

TAX MAP NO.: 8 GRID NO.: 2 PARCEL NO.: 0  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=30' DATE: APRIL 29, 2019  
 SHEET 3 OF 3

**PLAN**

SCALE: 1" = 30'

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10072 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2055

1000 GAL under ground.

Scale  
 1"=40'



Building Permit Application  
Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: 5/15/19  
Permit No.: B19001543

Building Address: 1004 Thunderbird Dr  
City: Woodbine State: MD Zip Code: 21797  
Suite/Apt. #: SDP/WP/BA #: GP-18-35  
Census Tract: Subdivision: Fairlane Farms  
Section: Area: Lot: 44  
Tax Map: Parcel: Grid:  
Zoning: Map Coordinates: Lot Size:  
Existing Use: Vacant lot  
Proposed Use: Single family home  
Estimated Construction Cost: \$ 230,000  
Description of Work: New 2 story "Longwood" with 2 car garage, covered porch, and unfinished lower level  
Occupant or Tenant:  
Was tenant space previously occupied? ☐ Yes ☐ No  
Contact Name:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Property Owner's Name: NVR Inc  
Address: 9720 Patuxent Woods Drive  
City: Columbia State: MD Zip Code: 21046  
Phone: 410-379-5956 Fax:  
Email:  
Applicant's Name & Mailing Address, (If other than stated herein)  
Applicant's Name: Decatur Building Services  
Address: PO Box 552  
City: Woodbine State: MD Zip Code: 21797  
Phone: 443-309-7792 Fax:  
Email: Jim@DecaturbuildingServices.com  
Contractor Company: NV Homes  
Contact Person: Clint Cagle  
Address: 9720 Patuxent Woods Drive  
City: Columbia State: MD Zip Code: 21046  
License No.: 56  
Phone: 410-379-5956 Fax:  
Email: CCagle@NVRInc.com  
Engineer/Architect Company:  
Responsible Design Prof.:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 <sup>st</sup> floor: 47 x 50
Area of construction (sq. ft.):	2 <sup>nd</sup> floor: 37 x 50
Use group:	Basement: 47 x 50
Construction type:	<input type="checkbox"/> Finished Basement
<input type="checkbox"/> Reinforced Concrete	<input checked="" type="checkbox"/> Unfinished Basement
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Wood Frame	No. of Bedrooms: 4
<input type="checkbox"/> State Certified Modular	Multi-family Dwelling
➤ Roadside Tree Project Permit	No. of efficiency units:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No. of 1 BR units:
Roadside Tree Project Permit #	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
	Footings:
	Roof:
	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	619000114
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature  
Jim E Decatur building Services.com  
Email Address

Print Name  
Jim Kerwin  
Date 5/15/2019

AGENT NV Homes  
Title/Company

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
-FOR OFFICE USE ONLY-

RECEIVED

MAY 15 2019

LICENSERS & DIVISION

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	5/13/19	H. G. Swartz

Is Sediment Control approval required for issuance? ☐ Yes ☒ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	50 PK
Rear:	30 122
Side:	10 34 30
Side St.:	
All minimum setbacks met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ 100
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ 50
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# 271181

tribution of Copies: White: Building Officials Green: PSZA,Zoning

MITU yes

Pink: Health

Gold: SHA

see sheet 6

1004 Thunderbird Drive  
Lot 44

LONGWOOD

Health Dept  
HEALTH DEPT

B19001543



NVR, Inc.  
Architectural Services  
Architects  
5285 Westview Drive, Suite 100  
Frederick, MD 21703

	FULL BASEMENT												STANDARD DETAILS
	STD. DWGS.												
SPEC SHEET	SS-1												AD-1
ELEVATIONS	5												DR-1
FOUNDATIONS	14												DR-2
FOUNDATION HOLD DOWNS	14/20												DR-3
PLUMBING	21												ET-1
BASEMENT FLOOR PLAN	22												ET-1b
FIRST FLOOR PLAN	24												ET-1c
SECOND FLOOR PLAN	26												ET-1e
BUILDING SECTIONS	30/32												ET-1f
STAIR SECTIONS	34												ET-1h
KITCHEN LAYOUT	37												ET-2
LAUNDRY CABINET LAYOUT	39												ET-3
CABINET LAYOUT (OPTIONAL)	40												ET-3b
BATH ELEVATIONS	41												F-1
BASEMENT ELECTRICAL	42												FC-1
FIRST FLOOR ELECTRICAL	44												FC-2
SECOND FLOOR ELECTRICAL	46												FC-4
FIRST FLOOR FRAMING	50												FD-1
SECOND FLOOR FRAMING	51												FD-2
ROOF FRAMING	53												FD-2b
ROOF FRAMING (OPTIONAL)	54												FD-3
TRUSS BRACING	58												FP-1
HALL BRACING LAYOUT	60												FP-1b
BASEMENT HVAC LAYOUT	64/65												GB-1
CRAWL SPACE HVAC LAYOUT	66/67												IT-1
FIRST FLOOR HVAC LAYOUT	68/69/70/71												IT-1b
SECOND FLOOR HVAC LAYOUT	72/73												IT-1c
													IT-2
													JT-1
													JT-3
													JT-3b
													KT-1
													RF-1
													RF-1b
													SEP-1
													SEP-2
													SEP-3
													SEP-4
													SP-1
													SP-2
													SP-3
													ST-1
													ST-2
													ST-3b
													NB-1
													NB-2
													ND-1
													ND-2
													ND-3
													NS-1

FIRST FLOOR SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	1670 SF
	1670 SF

SECOND FLOOR SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
2ND FLOOR (BASE SF)	1861 SF
2ND FLOOR ELEV. "B" OR "K" (ADD. SF)	18 SF
	1880 SF

GARAGE SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
GARAGE	460 SF
	460 SF

BASEMENT SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
-------------	---------------

UNFINISHED SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
UNFINISHED BASEMENT	1689 SF
	1689 SF

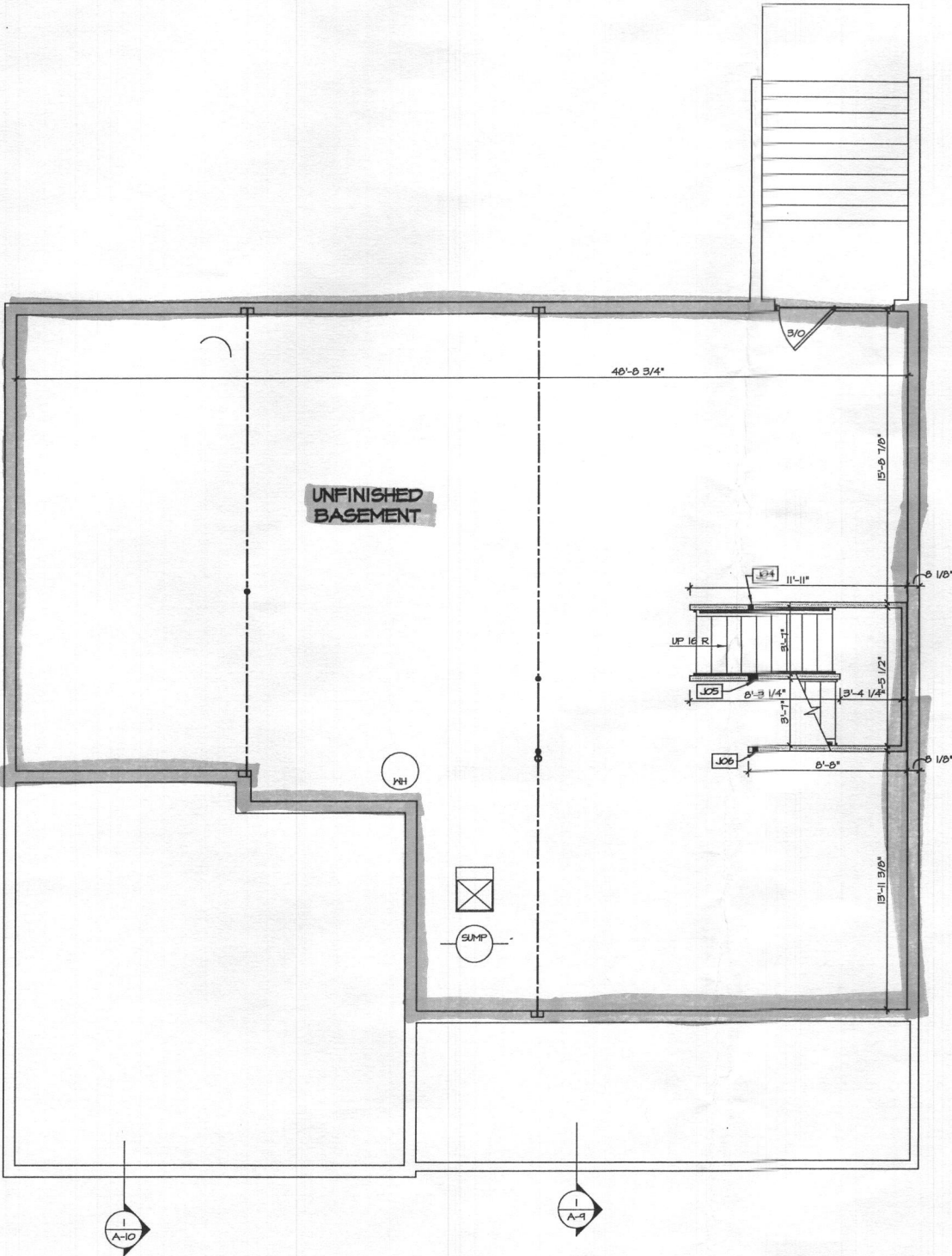
TOTAL FINISHED SQUARE FOOTAGE

DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	1670 SF
2ND FLOOR (BASE SF)	1861 SF
2ND FLOOR ELEV. "B" OR "K" (ADD. SF)	18 SF
	3549 SF

SET - VERSION  
14000 - 01

CS-1

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**BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**FLOOR PLAN NOTES**

1. ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE T-O 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL CASED OPENINGS AT 7'-11", UNLESS OTHERWISE NOTED.

**GYPSUM NOTES**

AT GARAGE:  
5/8" DRYWALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.

AT STAIRS:  
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

WITH OPTION "SCI" - DRYWALL UNFINISHED BASEMENT CEILING AREA

**NOTES:**

- 1/2" GYPSUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED
- A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC (TYPICALLY AN 8'-0"x8'-0" CEILING SPACE ABOVE MECHANICAL AREA).
- PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYWALL HAS BEEN OMITTED.

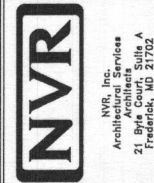
**LEGEND**

- BEARING WALL
  - NON BEARING WALL
  - INDICATES BEARING FROM POINT-LOAD ABOVE
  - JACKS
  - BEAM/HEADER
  - PAD FOOTING
  - STEEL COLUMN
  - PORTAL FRAME
  - JOIST/TRUSS
  - LVL
  - ENGINEERING PAGE NUMBER
- SEE FC DETAILS FOR FRAMING CONNECTORS

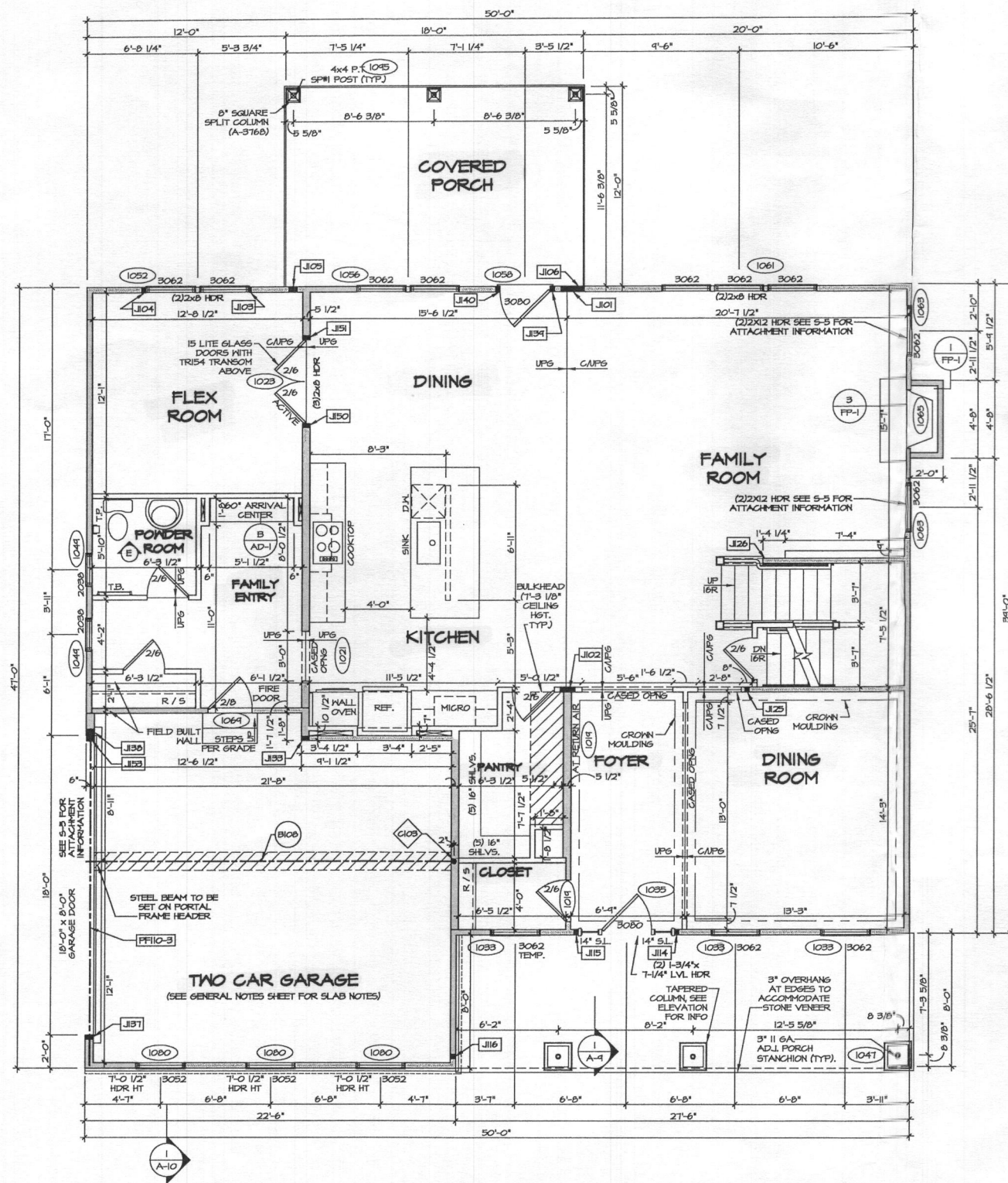
**BASEMENT JACK SCHEDULE**

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J04	JACK - (2) 2X4 SFF STUD GRADE	MEC	B0020	
J05	JACK - (4) 2X4 SFF STUD GRADE	MEC	B0016, B0018	
J06	JACK - (2) 2X4 SFF STUD GRADE	MEC	B0016	

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MODEL <b>LONGWOOD</b>	SET NO. 14000
DRAWING TITLE <b>BASEMENT FLOOR PLAN</b>	VERSION 01
OPTION DESCRIPTION	DRAWN BY NGB
	DATE:
	OPTION



1  
A-7  
FIRST FLOOR PLAN  
SCALE: 1/4" = 1'-0"

ALL WINDOWS HAVE  
8'-0" 1/2" HEADER HEIGHT  
UNLESS OTHERWISE NOTED.

### FLOOR PLAN NOTES

- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
- ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
- ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
- HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
- SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
- SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
- SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
- ALL WINDOWS HAVE 7'-0" 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
- ALL CASED OPENINGS AT 7'-11", UNLESS OTHERWISE NOTED.

### GYPSUM NOTES

#### AT GARAGE:

5/8" DRYHALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.

#### AT STAIRS:

1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

WITH OPTION "SG1" - DRYHALL UNFINISHED BASEMENT CEILING AREA

### NOTES:

- 1/2" GYPSUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED.
- A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC (TYPICALLY AN 8'-0"x8'-0" CEILING SPACE ABOVE MECHANICAL AREA).
- PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYHALL HAS BEEN OMITTED.

### LVL PLY TO PLY FASTENING SCHEDULE: (WHERE APPLICABLE BASED ON LVL USAGE)

- (2) PLY UP TO AND INCLUDING 11 7/8" TALL: FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C.
- (2) PLY 14" TO AND 18" TALL (INCLUSIVE): FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C.
- (2) PLY 20" TALL AND OVER: FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C.
- (3) PLY UP TO AND INCLUDING 11 7/8" TALL: FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE
- (3) PLY 14" TO AND 18" TALL (INCLUSIVE): FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE
- (3) PLY 20" TALL AND OVER: FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE

### FIRST FLOOR BEAM/HEADER SCHEDULE

IDENTIFIER	DESCRIPTION	LENGTH	OPTIONS	ENS. NUM.	REMARKS
B108	BEAM STEEL - M10X41	22'-5"	GCC	1071, 1075, 1076	
PF10-3	LVL - 22	20'-2 1/2"	GCC/IDK	1087, 1084, 1091	PORTAL FRAME - 6A

### STEEL COLUMN SCHEDULE

IDENTIFIER	STYLE	HEIGHT	OPTIONS	ENS. NUM.	REMARKS
C103	STANCHION - 3 IN SCHED 40	8'-1 5/8"	GCC	1071, 1075, 1076	

### FIRST FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENS. NUM.	REMARKS
J101	JACK - (1) 2X4 SFF		1021	
J102	JACK - (1) 2X4 SFF STUD GRADE		1024	
J103	JACK - 2X4 SFF STUD GRADE		1052	
J104	JACK - (2) 2X4 SFF STUD GRADE		1052	
J105	JACK - (4) 2X4 SFF STUD GRADE	EPE	1045	
J106	JACK - (4) 2X4 SFF	EPE	1045	
J114	JACK - (2) 2X4 SFF STUD GRADE	ELK	1039	
J115	JACK - (2) 2X4 SFF STUD GRADE	ELK	1035	
J116	JACK - (2) 2X4 SFF STUD GRADE	ELK	1047	
J125	JACK - (2) 2X4 SFF STUD GRADE		1011	
J126	JACK - (2) 2X4 SFF STUD GRADE		1013	
J133	JACK - (2) 2X6 SFF STUD GRADE	ELB, ELK, EL, ELR	1017	
J137	JACK - (2) 2X6 SFF STUD GRADE	GCC	1087, 1084, 1041	
J138	JACK - (3) 2X6 SFF STUD GRADE	GCC	1087, 1084, 1041	
J134	JACK - (2) 2X4 SFF STUD GRADE		1059	
J140	JACK - (2) 2X4 SFF STUD GRADE		1059	
J150	JACK - (2) 2X6 SFF STUD GRADE	MCF	1023	
J151	JACK - (2) 2X6 SFF STUD GRADE	MCF	1023	
J153	JACK - (2) 2X6 SFF STUD GRADE	GCC, ELB, ELK, EL, ELR	1017	CRIPPLES

### LEGEND

- BEARING WALL
  - NON BEARING WALL
  - INDICATES BEARING FROM POINT-LOAD ABOVE
  - JACKS
  - BEAM/HEADER
  - PAD FOOTING
  - STEEL COLUMN
  - PORTAL FRAME
  - JOIST/TRUSS
  - LVL
  - ENGINEERING PAGE NUMBER
- SEE FG DETAILS FOR FRAMING CONNECTORS

REMARKS

REV. NO. DATE

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SET NO. 14000

VERSION 01

DRAWN BY NGB

DATE:

OPTION

MODEL  
LONGWOOD

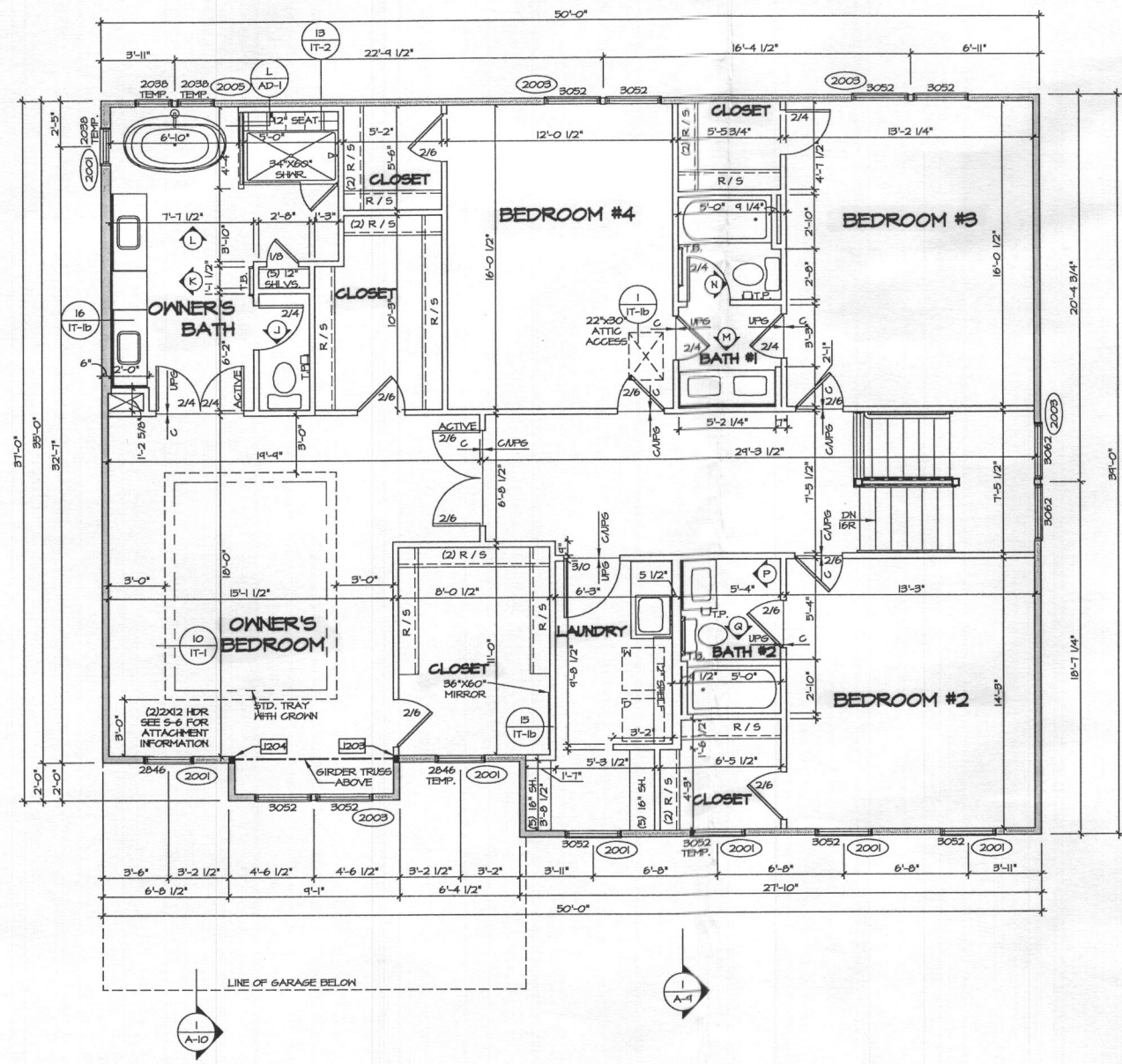
DRAWING TITLE

FIRST FLOOR PLAN

OPTION DESCRIPTION

A-7

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SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"

- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
  - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
  - ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
  - HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
  - SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
  - SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
  - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
  - ALL WINDOWS HAVE T-O 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
  - ALL CASED OPENINGS AT T-11", UNLESS OTHERWISE NOTED.

**GYPSUM NOTES**

AT GARAGE:  
5/8" DRYHALL ON COMMON WALLS, CEILING, AND BEARING WALLS AS REQUIRED.

AT STAIRS:  
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

- LEGEND**
- BEARING WALL
  - NON BEARING WALL
  - INDICATES BEARING FROM POINT-LOAD ABOVE
  - JACKS
  - BEAM/HEADER
  - PAD FOOTING
  - STEEL COLUMN
  - PORTAL FRAME
  - JOIST/TRUSS
  - LVL
  - ENGINEERING PAGE NUMBER
- SEE PG DETAILS FOR FRAMING CONNECTORS

SECOND FLOOR JACK SCHEDULE				
IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J203	JACK - (B) 2X4 SFF STUD GRADE	ELK	2008	
J204	JACK - (B) 2X4 SFF STUD GRADE	ELK	2008	

REMARKS

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OPTION

MODEL  
**LONGWOOD**  
DRAWING TITLE  
SECOND FLOOR PLAN  
OPTION DESCRIPTION

SHEET NO.  
**A-8**

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