NOTE

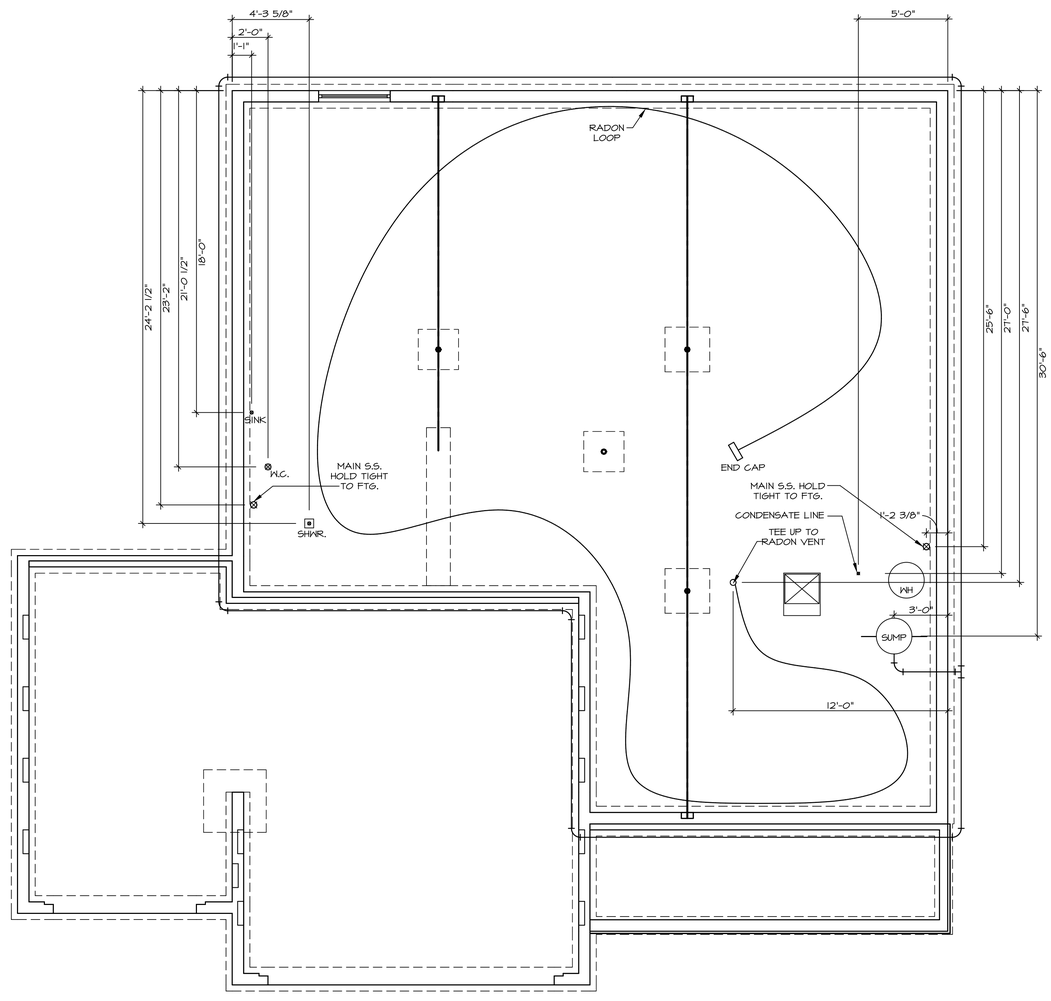
RADON REMEDIATION

RADON LOOP:

- (4") PERFORATED HDPE "LOOP"
- MUST BE PLACED IN STONE BED SLIGHTLY HIGHER THAN ANY INTERIOR DRAINTILE
- LOOP TO BE SEPARATE FROM ANY DRAINTILE ELEMENTS
- TO BE CORRUGATED HDPE PIPE
- SCREWS TO BE INSTALLED THROUGH LOOP AT TEE UP INTO STACK

STACK REQUIREMENTS:

- 3" PVC STACK (4" IF BASEMENT IS GREATER THAN 2200 SQFT.)
- NO PART OF STACK IS TO BE HORIZONTAL
- PIPE TO BE PHYSICALLY LABELED IN THE FIELD AS "RADON VENT" OR OTHER JURISDICTIONALLY REQUIRED LANGUAGE (ON EVERY LEVEL OF HOUSE)
- ROOF TERMINATION TO BE IN TOP 1/3 OF ROOF
- SCREEN INSTALLED TO KEEP PESTS OUT OF RADON VENT AT ROOF TERMINATION



1 / A-5 PLUMBING PLAN

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

REV. NO.	DATE	REMARKS

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Frederick, MD 21703

SET NO. LGH00
VERSION 01
DRAWN BY
DATE:
OPTION

MODEL
LEHIGH
DRAWING TITLE
PLUMBING PLAN

OPTION DESCRIPTION

SHEET NO.
A-5

25

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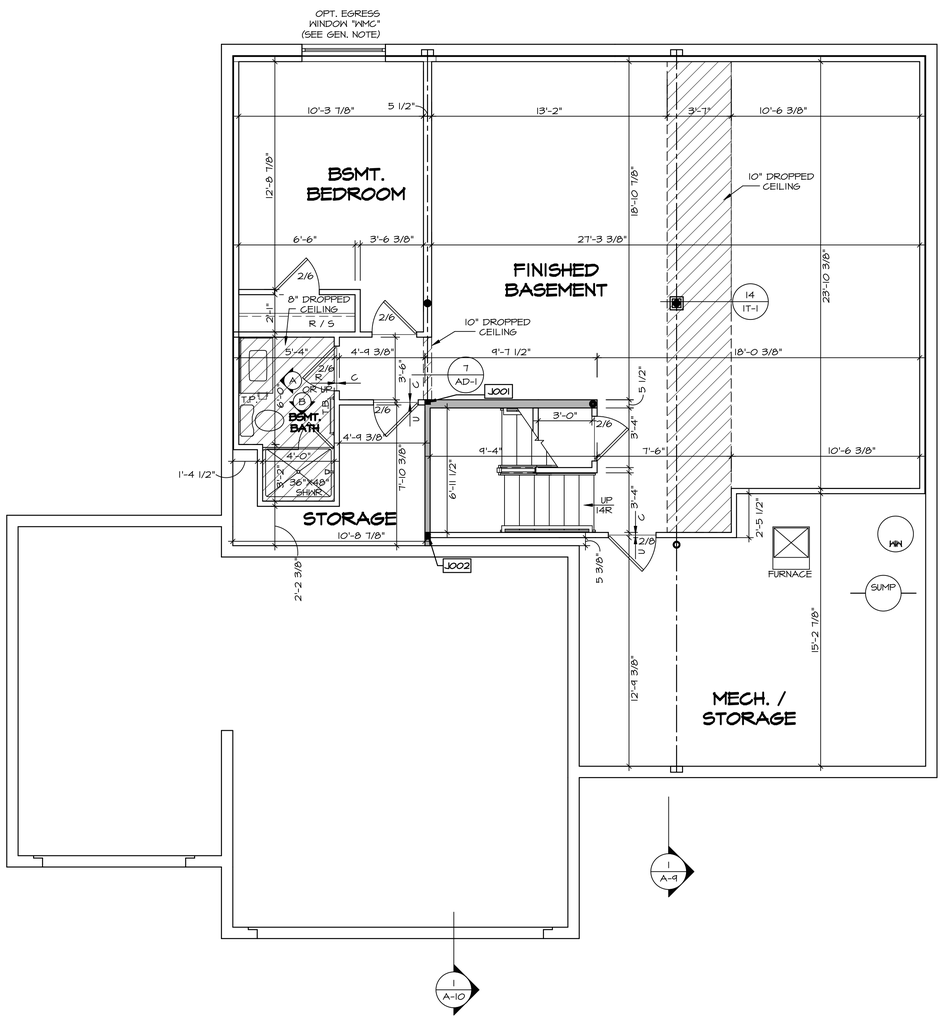

BASEMENT FLOOR PLAN

A-6

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

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

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 AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, 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 **7'-0 1/2"** HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2X4 OR 2X6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
10. TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSUM NOTES

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL **FA-1(b)** FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:

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

BASEMENT JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J001	JACK - (2) 2X4 SPF STUD GRADE		B0009, B0015	
J002	JACK - (3) 2X4 SPF STUD GRADE		B0007	

REV. NO.	DATE	REMARKS

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VERSION 01
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DATE:
OPTION
OPTION DESCRIPTION

MODEL LEHIGH
DRAWING TITLE BASEMENT FLOOR PLAN

SHEET NO. A-6

28

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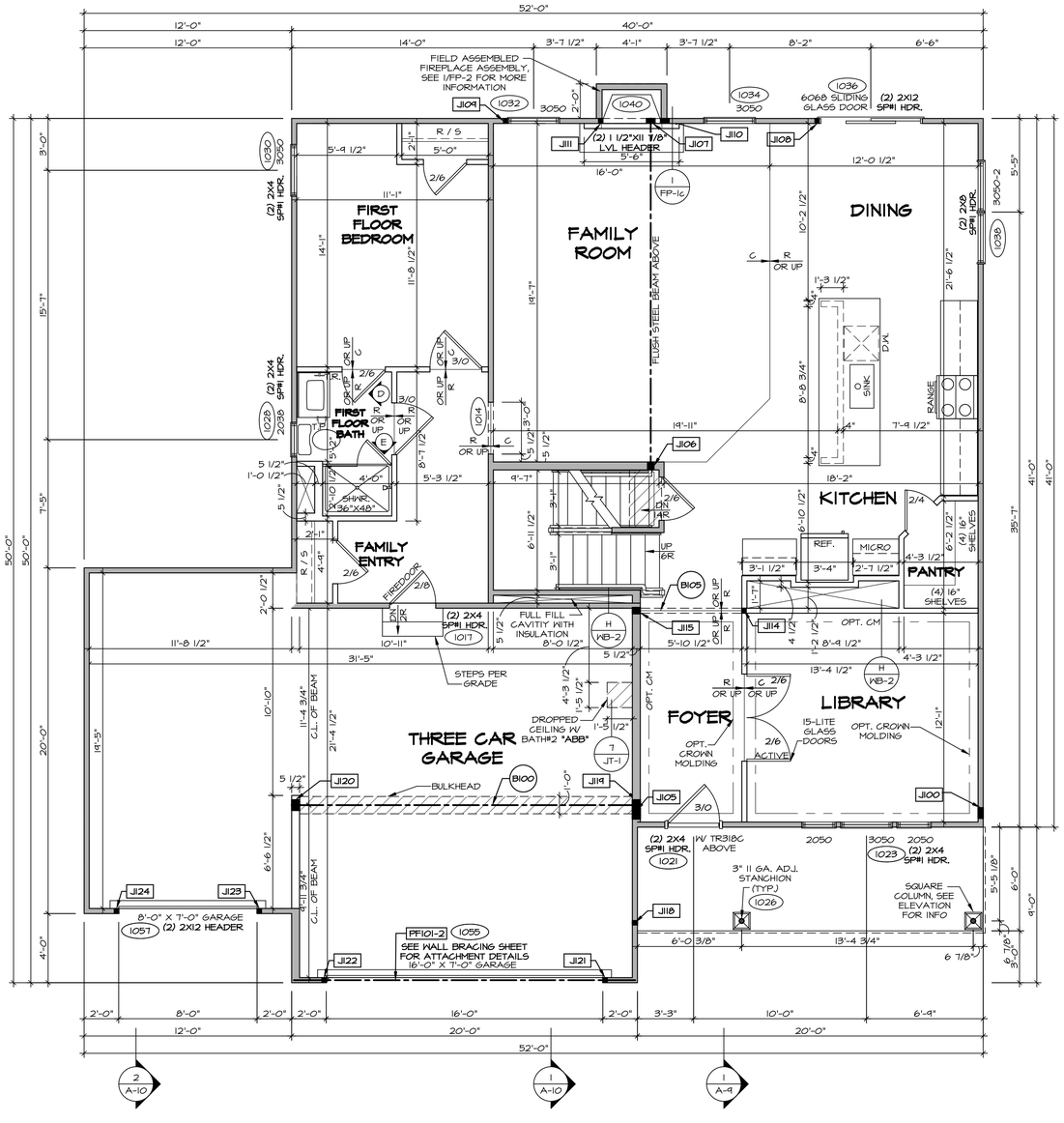

FIRST FLOOR PLAN

1 / A-7

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

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

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 AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, 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 **7'-0 1/2"** HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2X4 OR 2X6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
10. TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSUM NOTES

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL **FA-1(b)** FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:

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

FIRST FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.
J100	JACK - (5) 2X4 SPF#1		2000
J105	JACK - (4) 2X6 SPF STUD GRADE	ELL	2000
J106	JACK - (3) 2X6 SPF STUD GRADE		1016
J107	JACK - (4) 2X4 SPF STUD GRADE	LGF	1016
J108	JACK - (2) 2X4 SPF STUD GRADE		1036
J109	JACK - (2) 2X4 SPF STUD GRADE		1032
J110	JACK - (4) 2X4 SPF STUD GRADE	LGF	1040
J111	JACK - (2) 2X4 SPF STUD GRADE	LGF	1040
J114	JACK - (2) 2X4 SPF STUD GRADE		1073
J115	JACK - (3) 2X6 SPF STUD GRADE		1073
J118	JACK - (2) 2X4 SPF STUD GRADE		1026
J119	JACK - (5) 2X6 SPF#1	SXC	1044, 1049
J120	JACK - (5) 2X6 SPF STUD GRADE	GCB, GCF	1044, 1049
J121	JACK - (2) 2X4 SPF STUD GRADE	GCB, GCF	1055
J122	JACK - (2) 2X4 SPF STUD GRADE	GCB, GCF	1055
J123	JACK - (2) 2X4 SPF STUD GRADE	GCF	1057
J124	JACK - (2) 2X4 SPF STUD GRADE	GCF	1057

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

1.A - (2) PLY UP TO AND INCLUDING 11 7/8" TALL; FASTEN PLIES W/ (2) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (3) ROWS 12D NAILS AT 12"O.C.
2.A - (2) PLY 14" TO AND 18" TALL (INCLUSIVE); FASTEN PLIES W/ (3) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (4) ROWS 12D NAILS AT 12"O.C.
3.A - (2) PLY 20" TALL AND OVER; FASTEN PLIES W/ (4) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (5) ROWS 12D NAILS AT 12"O.C.
4.A - (3) PLY UP TO AND INCLUDING 11 7/8" TALL; FASTEN PLIES W/ (2) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (3) ROWS 12D NAILS AT 12"O.C. FROM EACH SIDE.
5.A - (3) PLY 14" TO AND 18" TALL (INCLUSIVE); FASTEN PLIES W/ (3) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (4) ROWS 12D NAILS AT 12"O.C. FROM EACH SIDE.
6.A - (3) PLY 20" TALL AND OVER; FASTEN PLIES W/ (4) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLIES W/ (5) ROWS 12D NAILS AT 12"O.C. FROM EACH SIDE.
7.A - (4) PLY (ALL SIZES); FASTEN PLIES W/ (2) ROWS 1/2" DIAMETER A307 BOLTS AT 24" O.C. SEE SHOP DRAWING FOR ADDITIONAL INFORMATION.

FIELD INSTALLED FIRST FLOOR BEAM/HEADER SCHEDULE

IDENTIFIER	DESCRIPTION	LENGTH	OPTIONS	ENG. NUM.	REMARKS
B100	BEAM STEEL - W12X35	20'-2"	SXC	1044, 1049	
B105	INT HEADER - 2X8 - 2 PLY	6'-7"		1073	
PF101-2	LVL 1.75 - 11-04	19'-9"	GCB, GCF	1055	2-PLY, 1.A, PORTAL FRAME

REV. NO.	DATE	REMARKS

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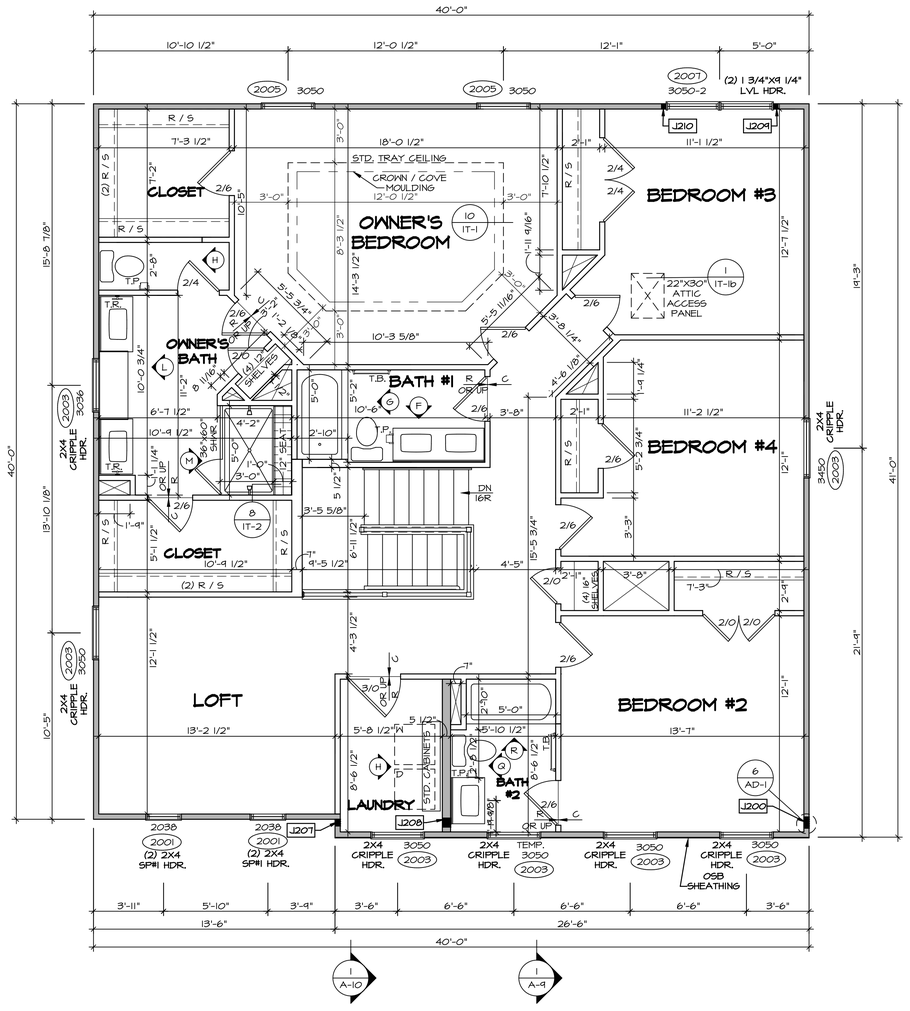
SET NO. LGH00
VERSION 01
DRAWN BY
DATE:
OPTION

MODEL
LEHIGH
DRAWING TITLE
FIRST FLOOR PLAN

OPTION DESCRIPTION

SHEET NO.
A-7

30



SECOND FLOOR PLAN

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

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

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 AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, 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 **7'-0 1/2"** HEADER HEIGHT UNLESS OTHERWISE NOTED.
9. ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2X4 OR 2X6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
10. TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSUM NOTES

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL **FA-1(b)** FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:

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

SECOND FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J200	JACK - (5) 2X4 SP#1		2000	1/8"X3 1/2"X7 1/2" STEEL BEARING PLATE, EXTEND THRU TOP PLATES
J207	JACK - (3) 2X4 SPF STUD GRADE	ELL	2000	
J208	JACK - (4) 2X6 SPF STUD GRADE	ELL	2000	EXTEND THRU TOP PLATE
J209	JACK - (2) 2X4 SPF STUD GRADE		2007	
J210	JACK - (2) 2X4 SPF STUD GRADE		2007	

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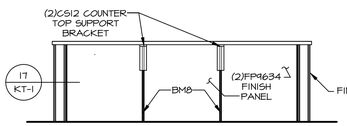
SET NO. LGH00
VERSION 01
DRAWN BY
DATE:
OPTION

MODEL: LEHIGH
DRAWING TITLE: SECOND FLOOR PLAN

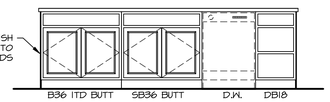
SHEET NO. A-8

OPTION DESCRIPTION



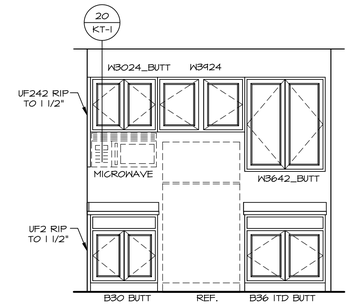
CABINET ELEVATION D

SCALE: 3/8" = 1'-0"



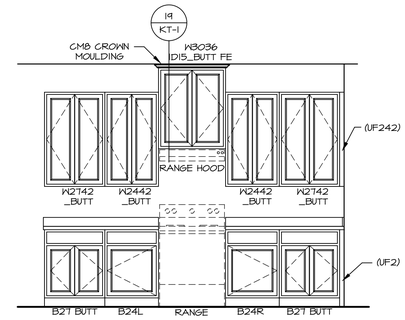
CABINET ELEVATION C

SCALE: 3/8" = 1'-0"



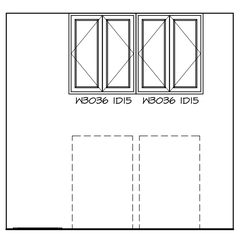
CABINET ELEVATION B

SCALE: 3/8" = 1'-0"



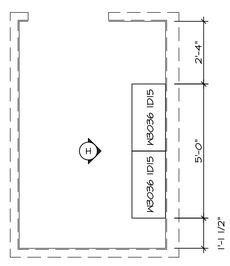
CABINET ELEVATION A

SCALE: 3/8" = 1'-0"



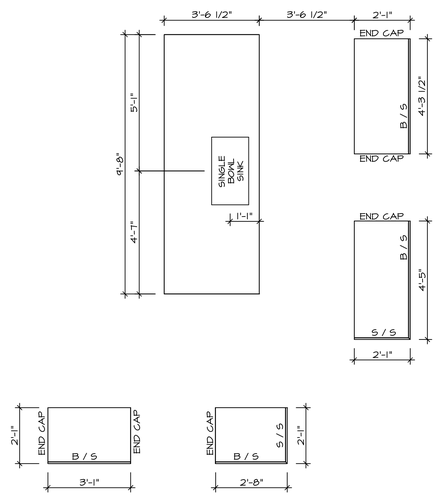
CABINET ELEVATION H

SCALE: 3/8" = 1'-0"



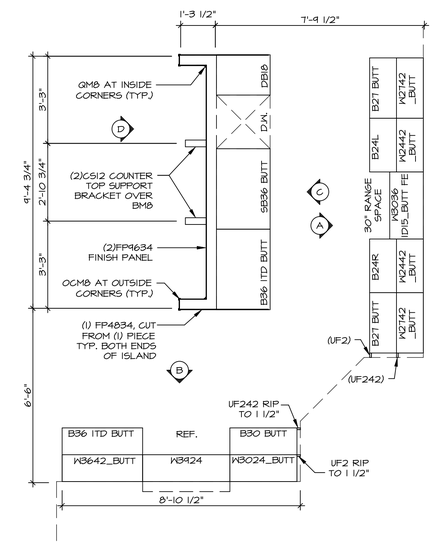
LAUNDRY CABINET PLAN / KC - 3503 3 A-12

SCALE: 3/8" = 1'-0"



COUNTERTOP LAYOUT KC-3501 2 A-12

SCALE: 3/8" = 1'-0"



CABINET LAYOUT KC-3501 1 A-12

SCALE: 3/8" = 1'-0"

NOTE:
CABINET LAYOUT(S) ARE BASED ON FINISHED DIMENSION TO DRYWALL.

NOTE:
KITCHEN ELEVATIONS/PLANS CALL OUT STANDARD MOLDING. REFER TO DETAIL 11/KT-1 FOR REPLACEMENT BASED ON CABINET STYLE.

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SET NO. LGH00
VERSION 01
DRAWN BY
DATE:
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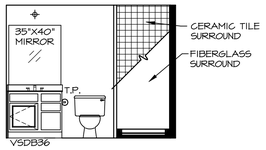
OPTION DESCRIPTION

MODEL LEHIGH

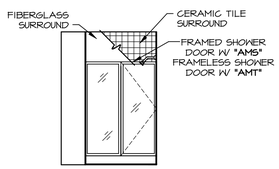
DRAWING TITLE
KITCHEN CABINET PLANS AND ELEVATIONS

SHEET NO. A-12

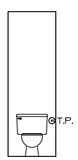
54



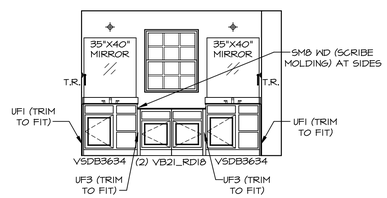
A BSMT BATH "AEB"
SCALE: 1/4" = 1'-0"



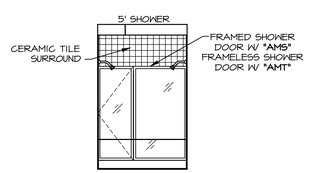
B BSMT BATH "AEB"
SCALE: 1/4" = 1'-0"



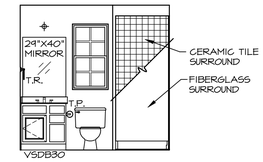
H OWNERS BATH
SCALE: 1/4" = 1'-0"



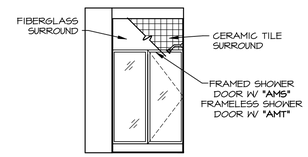
L OWNERS BATH
SCALE: 1/4" = 1'-0" OWNER'S BATHROOM
ROMAN SHOWER
"AMS"



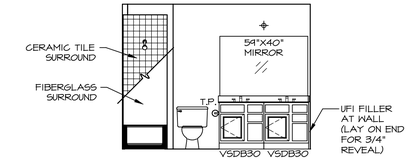
M OWNERS BATH
SCALE: 1/4" = 1'-0" OWNER'S BATHROOM
ROMAN SHOWER
"AMS"



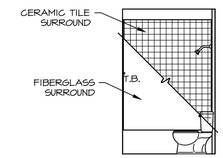
D FIRST FLOOR BATH
SCALE: 1/4" = 1'-0"



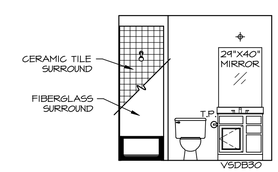
E FIRST FLOOR BATH
SCALE: 1/4" = 1'-0"



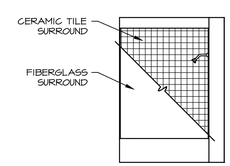
F BATH #1
SCALE: 1/4" = 1'-0"



G BATH #1
SCALE: 1/4" = 1'-0"



Q BATH #2
SCALE: 1/4" = 1'-0"



R BATH #2
SCALE: 1/4" = 1'-0"

NOTES:

1. TEMPERED GLASS SHOWER ENCLOSURE WITH SWING DOOR OR OPTIONAL SLIDING DOOR BY DIVISION
2. TUB ACCESS PANELS PROVIDED AS NEEDED, ALL MATERIALS BY DIVISION
3. REFER TO SHEET IT-2 FOR TUB AND SHOWER DETAILS.
4. ALL V5DB24-42 DRAWERS TO BE SET ON RIGHT HAND.
5. ALL BATH ELEVATIONS ARE SHOWN PER PLAN.

REMARKS

REV. NO.	DATE

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

SET NO. LGH00
VERSION 01
DRAWN BY
DATE:
OPTION

MODEL: LEHIGH
DRAWING TITLE: BATH ELEVATIONS
OPTION DESCRIPTION

SHEET NO. A-13

57

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