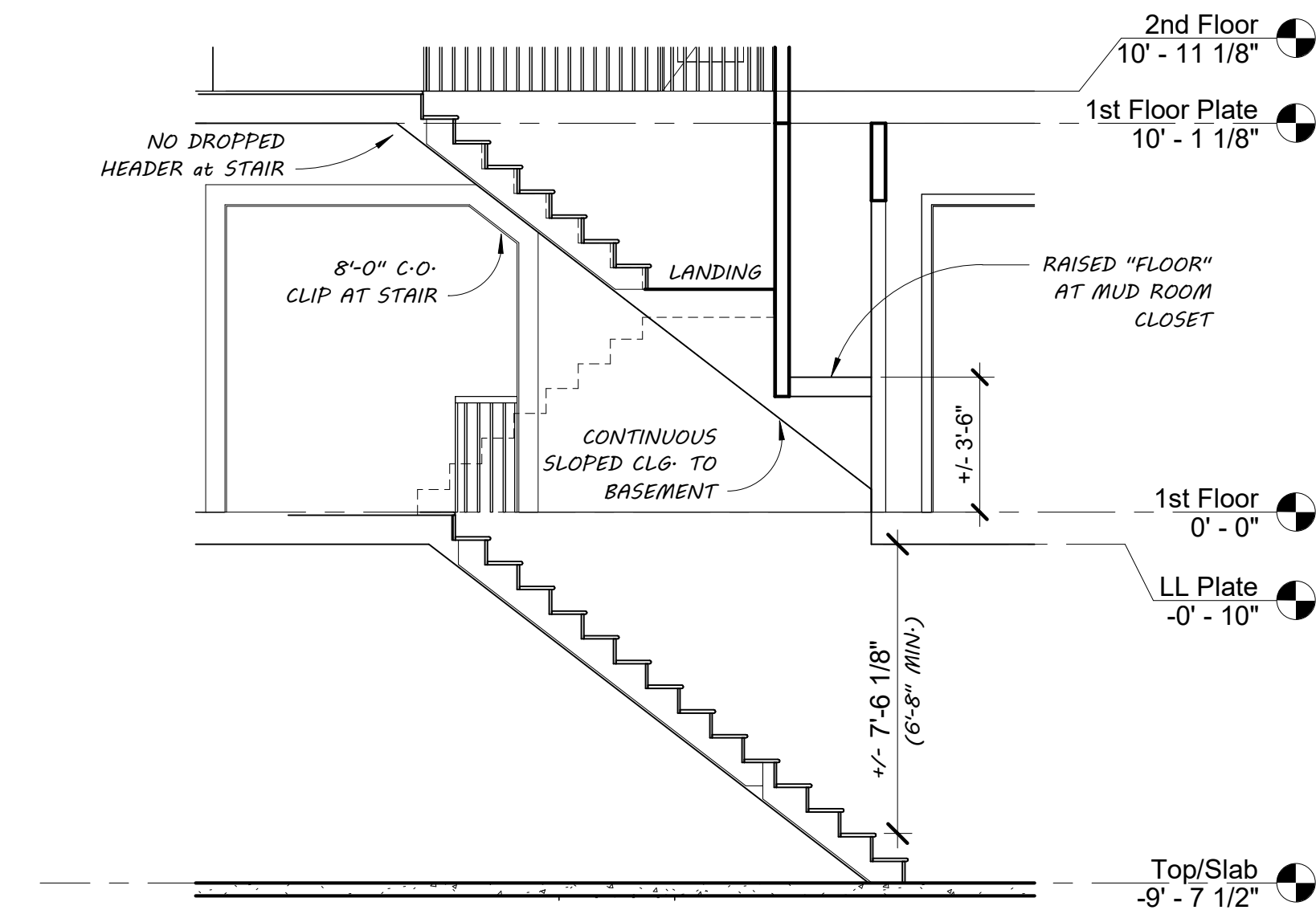




- TRUSS ROOF NOTES: (BY OTHERS)
- DESIGNED FOR LIGHT ROOF COVERING
TOP CHORD:
LIVE LOAD/ SNOW LOAD (PSF): 20
DEAD LOAD (PSF): 10
BOTTOM CHORD:
DEAD LOAD (PSF): 10
 - ALL EXTERIOR HEADERS SHALL BE MIN (2) #2-2x10 UNLESS OTHERWISE NOTED.
 - CONSULT ENGINEER IF TRUSSES BEAR ON INTERIOR WALLS SHOWN AS NON-LOAD BEARING ON APPROVED PRINTS.
 - MIN (4) 2x4 BELOW EACH BEARING POINT OF EACH GIRDER TRUSS, UNLESS OTHERWISE NOTED.
 - PROVIDE 2x SOLID BLOCKING SUPPORT BELOW ALL POINT LOADS CONTINUOUS TO BEARING STRUCTURE AND/OR FOUNDATION BELOW.
 - ROOF IS ENGINEERED TO COMPLY WITH IRC 802.
 - AT EACH TRUSS BEARING POINT USE UPLIFT CONNECTORS PER TABLE BELOW UNLESS NOTED OTHERWISE, INSTALL PER MANUFACTURER'S SPECIFICATIONS.
LBS OF UPLIFT CONNECTOR
000-495 (1) H2.5A
495-990 (2) H2.5A
990-1245 (1) HTS20

= ASSUMED ROOF TRUSS FRAMING DIRECTION
"G.T." = ASSUMED GIRDER TRUSS LOCATION
= ASSUMED INTERIOR LOAD BEARING WALLS

BRACED WALL METHODOLOGY
CONTINUOUS EXTERIOR SHEATHING PER WSP METHOD (BELOW)
UNLESS OTHERWISE NOTED ON THE PLAN

CS-WSP: WOOD STRUCTURAL PANEL SHEATHING WITH A THICKNESS NOT LESS THAN 3/8" WITH MINIMUM SPAN RATING OF 24/0 FOR 16" OC STUD SPACING WITH 6d COMMON NAILS AT 6" OC EDGES AND 12" OC FIELD OR SHEATHING THICKNESS NOT LESS THAN 7/16" WITH MINIMUM SPAN RATING OF 24/16 FOR 24" OC SPACING WITH 8d COMMON NAILS AT 6" OC EDGES AND 12" OC IN FIELD.
(NOTE: FRAMING MEMBERS 16" OC MAX, UNBLOCKED, AND WITH SHEATHING APPLIED DIRECTLY TO FRAMING MEMBERS)

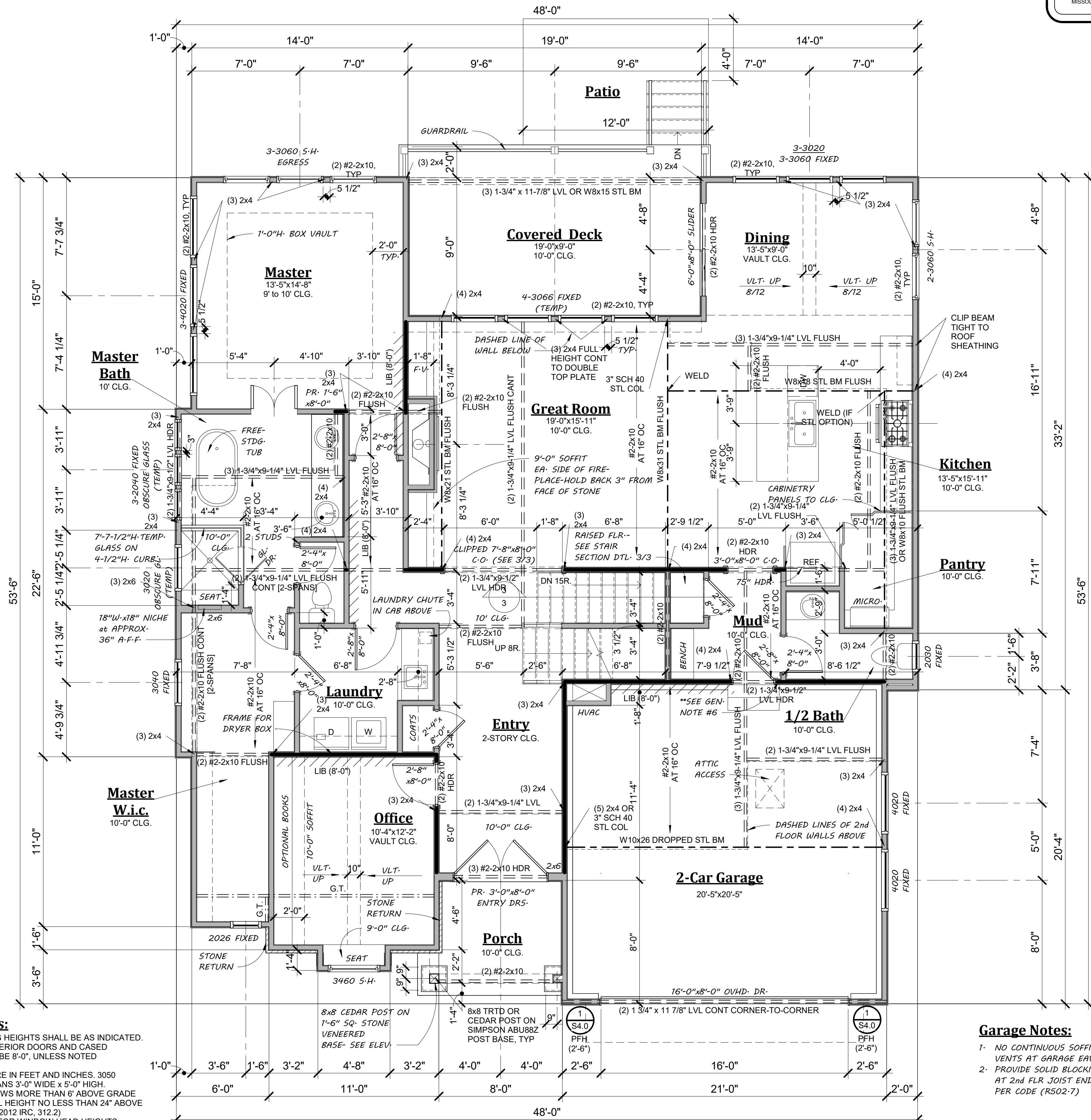
//// INTERIOR BRACED WALLS (REF 2- S4.0)
GB METHOD: 1/2" MIN GYPSUM BOARD OVER STUDS SPACED 24" MAX FASTENED WITH No 6 - 1 1/4" TYPE 'W' OR 'S' DRYWALL SCREWS AT 7" OC EDGES AND FIELD (MIN 4'-0" SECTION FOR BOTH SIDES.)

OR
LIB METHOD: 1x4 WOOD FASTENED WITH (3) 8d COMMON NAILS OR SIMPSON / USP 16 GA TYPE WB (OR EQUAL) STL X-BRACE(S) AT 45° TO 60° ANGLES, MAXIMUM 16" OC STUD FASTENED PER MANUFACTURER'S SPECIFICATIONS.

STRUCTURAL NOTES:
- ALL UNMARKED HEADERS
MIN (2) #2-2x10
- ALL HEADERS AND BEAMS MIN
#2 GRADE DFL (OR EQUIV)
= BEARING WALL

General Notes:

- 1st FLOOR CEILING HEIGHTS SHALL BE AS INDICATED.
- ALL 1st FLOOR INTERIOR DOORS AND CASED OPENINGS SHALL BE 8'-0", UNLESS NOTED OTHERWISE.
- WINDOW SIZES ARE IN FEET AND INCHES. 3050 DESIGNATION MEANS 3'-0" WIDE x 5'-0" HIGH.
- OPERABLE WINDOWS MORE THAN 6" ABOVE GRADE SHALL HAVE A SILL HEIGHT NO LESS THAN 24" ABOVE FINISHED FLOOR (2012 IRC, 312.2)
- SEE ELEVATIONS FOR WINDOW HEAD HEIGHTS.
- 3 STUDS STANDARD AT INSIDE CORNER OF INTERIOR DOORS TO ACCOMMODATE 3 1/2" TRIM WHERE POSSIBLE



TRUSS ROOF NOTES: (BY OTHERS)

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 - AT EACH TRUSS BEARING POINT USE UPLIFT CONNECTORS PER TABLE BELOW UNLESS NOTED OTHERWISE, INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- | LBS OF UPLIFT | CONNECTOR |
|---------------|-----------|
| 000-495 | (1) H2.5A |
| 495-990 | (2) H2.5A |
| 990-1245 | (1) HTS20 |

→ = ASSUMED ROOF TRUSS FRAMING DIRECTION
G.T. = ASSUMED GIRDER TRUSS LOCATION
= ASSUMED INTERIOR LOAD BEARING WALLS

BRACED WALL METHODOLOGY

CONTINUOUS EXTERIOR SHEATHING PER WSP METHOD (BELOW)
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(NOTE: FRAMING MEMBERS 16" OC MAX, UNBLOCKED, AND WITH SHEATHING APPLIED DIRECTLY TO FRAMING MEMBERS)

//// INTERIOR BRACED WALLS (REF 2-S4.0):

GB METHOD: 1/2" MIN GYPSUM BOARD OVER STUDS SPACED 24" MAX FASTENED WITH No 6 - 1 1/4" TYPE 'W' OR 'S' DRYWALL SCREWS AT 7" OC EDGES AND FIELD (MIN 4'-0" SECTION FOR BOTH SIDES.)

OR

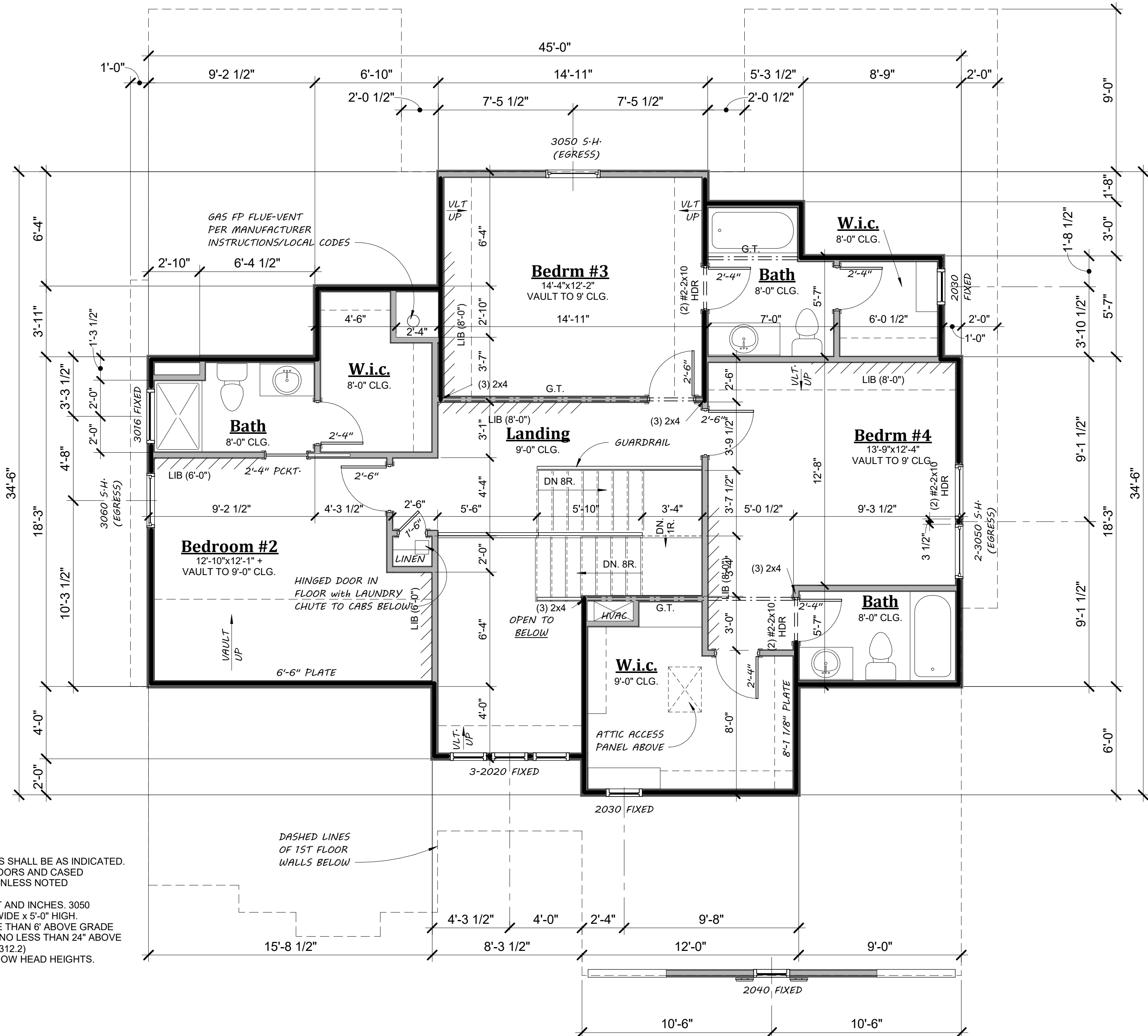
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STRUCTURAL NOTES:

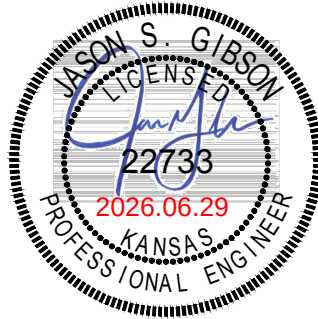
- ALL UNMARKED HEADERS
- MIN (2) #2-2x10
- ALL HEADERS AND BEAMS MIN #2 GRADE DFL (OR EQUIV)
- = BEARING WALL

General Notes:

- 2nd FLOOR CEILING HEIGHTS SHALL BE AS INDICATED.
- ALL 2nd FLOOR INTERIOR DOORS AND CASED OPENINGS SHALL BE 6'-8", UNLESS NOTED OTHERWISE.
- WINDOW SIZES ARE IN FEET AND INCHES. 3050 DESIGNATION MEANS 3'-0" WIDE x 5'-0" HIGH.
- OPERABLE WINDOWS MORE THAN 6' ABOVE GRADE SHALL HAVE A SILL HEIGHT NO LESS THAN 24" ABOVE FINISHED FLOOR (2012 IRC, 312.2)
- SEE ELEVATIONS FOR WINDOW HEAD HEIGHTS.



1 2nd Floor Plan
1/4" = 1'-0"



APEX ENGINEERS, INC.
1025 LOCUST ST
KANSAS CITY, MO 64108
816.421.3222

STRUCTURAL DESIGN REVIEW

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James Engle
CUSTOM HOMES, LLC

816.616.9788 www.JamesEngle.com

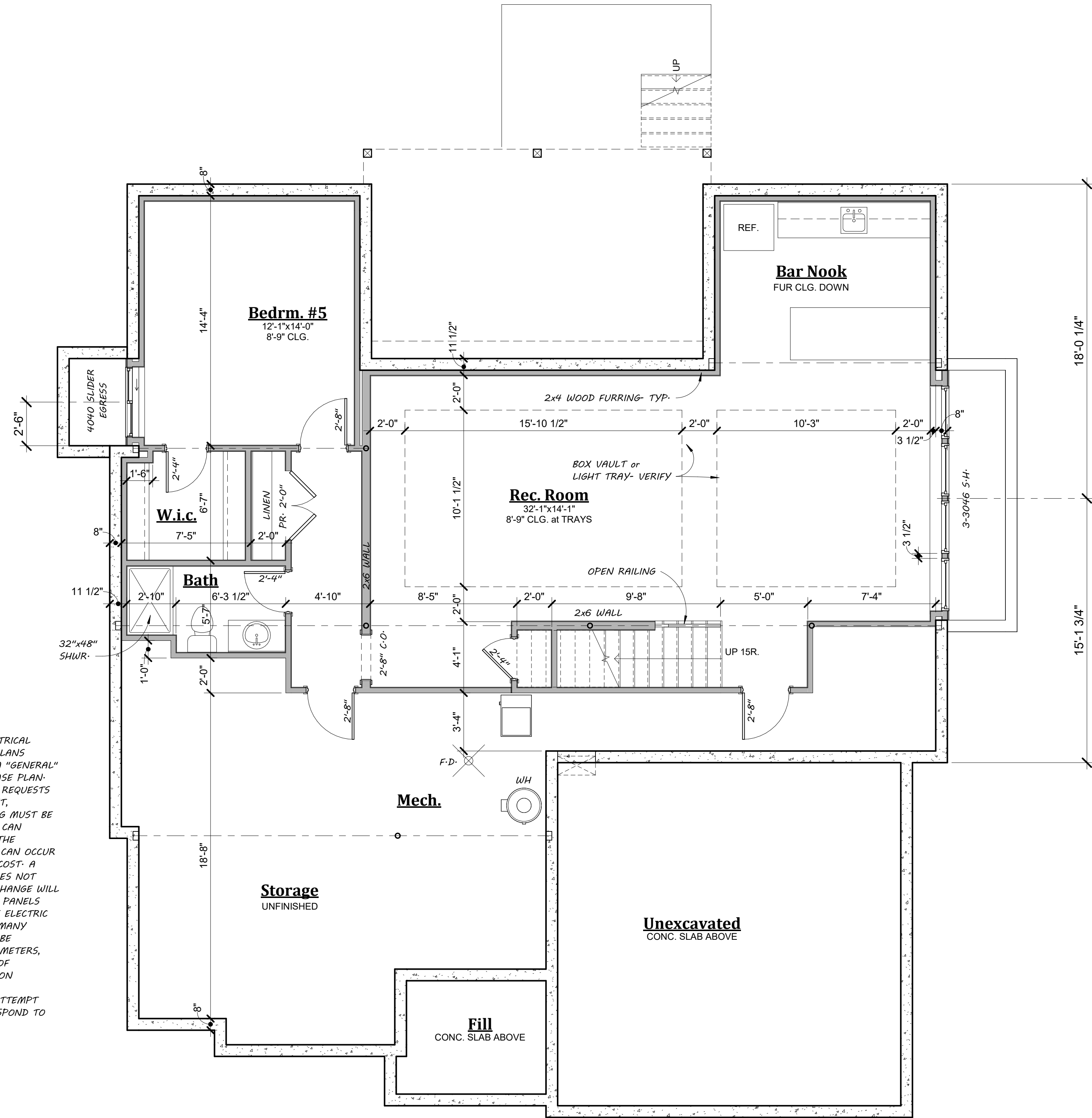
Date:
May 26, 2026

Revised:

Sheet No.

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****Note**
HVAC/PLUMBING/ELECTRICAL EQUIPMENT ON THE PLANS ARE DESIGNATED AS A "GENERAL" LOCATION FOR THE BASE PLAN. IF YOU HAVE SPECIFIC REQUESTS AS TO THE PLACEMENT, A REQUEST IN WRITING MUST BE MADE TO JECH. JECH CAN RESEARCH TO SEE IF THE PLACEMENT REQUEST CAN OCCUR AND WHAT IT MIGHT COST. A WRITTEN REQUEST DOES NOT GUARANTEE THAT A CHANGE WILL BE MADE. ELECTRICAL PANELS ARE DICTATED BY THE ELECTRIC COMPANY AND HAVE MANY FACTORS THAT MUST BE CONSIDERED, I.E. GAS METERS, WINDOWS, LOCATION OF ELECTRICAL CONNECTION OUTSIDE, ETC. EVERY REASONABLE ATTEMPT WILL BE MADE TO RESPOND TO A REQUEST.



1 Basement Finish Plan
1/4" = 1'-0"

APR 26 2026

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KANSAS

PROFESSIONAL ENGINEER

APEX ENGINEERS, INC.

1625 LOCUST ST

KANSAS CITY, MO 64108

816.421.3222

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