

GENERAL NOTES:

- 1. THIS BUILDING IS GOVERNED BY THE NATIONAL BUILDING CODE OF CANADA (NBCC) PART 9.
- 2. IT IS ASSUMED THAT THE BUILDER IS QUALIFIED AND EXPERIENCED IN SMALL BUILDING WOOD FRAME CONSTRUCTION. PARTICULAR DETAILS FOR ALL ASPECTS OF CONSTRUCTION ARE SPECIFIED IN PART 9 AND THE BUILDER SHALL BE FAMILIAR WITH ALL SUCH REQUIREMENTS. ANY CLARIFICATIONS OF THESE REQUIREMENTS MAY BE DIRECTED TO THE DESIGNER AND / OR ENGINEER.

FIRE PROTECTION:

- 1. THE OCCUPANCY IS CLASSIFIED AS "RESIDENTIAL" GROUP C AS PER NBCC 9.10.2
- 2. THERE MAY BE RESTRICTIONS ON EXPOSED WALL GLAZING (UNPROTECTED OPENINGS) DEPENDING ON THE LIMITING DISTANCE. SITE PLANNING SHALL CONSIDER REQUIRED SET BACKS. REFER TO NBCC 9.10.15

STRUCTURAL NOTES:

- 1. ALL FOOTING, FOUNDATION AND DRAINAGE WORK SHALL CONFORM TO NBCC 9.14 & 15.
- 2. THE ALLOWABLE SOIL BEARING CAPACITY SHALL BE 150 kPa (3000 PSI) MIN. REFER TO NBCC TABLE 9.4.4.1
- 3. DO NOT BUILD ON DISTURBED SOIL. ANY SUSPECT SOIL CONDITIONS FOUND DURING EXCAVATION ARE TO BE REPORTED IMMEDIATELY TO THE DESIGNER AND / OR ENGINEER AND ALL WORK MUST STOP UNTIL A SITE INSPECTION IS PERFORMED.
- 4. FLOOR LOADS ARE CALCULATED @ 15 PSF D/L AND 40 PSF L/L (MIN.) FLOOR SYSTEM COMPONENTS SELF WEIGHT SHALL BE ADDED SEPARATELY. DEFLECTION IS LIMITED TO L/480 FOR QUALITY CONTROL.
 - FLOOR SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS / REQUIREMENTS.
 - RIM BOARD SHALL BE STRUCTURAL SOLID BLOCKING FOR NAILING PURPOSES.
- 5. CENTER EXTERIOR STRUCTURAL SHEATHING AT FLOOR SYSTEM SUCH THAT THE LOWER AND UPPER WALLS ARE PROPERLY CONNECTED TO EACH OTHER. (IF APPLICABLE)
- 6. ALL ROOF TRUSSES SHALL BE DESIGNED BY QUALIFIED MANUFACTURER IN ACCORDANCE WITH "TRUSS DESIGN PROCEDURES AND SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES - LIMIT STATES DESIGN" PUBLISHED BY THE "TRUSS PLATE INSTITUTE OF CANADA".
- 7. CLIMACTIC DATA SHALL BE BASED IN FREDERICTON, NEW BRUNSWICK (CANADA). THE SPECIFIED SNOW LOAD SHALL BE NO LESS THAN 52.2 PSF. TRUSS DESIGNER TO VERIFY MINIMUM SNOW LOADS FOR OTHER JURISDICTIONS. DEFLECTION LIMITS SHALL BE L/180 (w / NO CLG.) OR L/360 (w / CLG.). REFER TO NBCC TABLE 9.4.3.1
- 8. STRUCTURAL SHEATHING SHALL BE 7/16" MIN. EDGE SUPPORTED.
- 9. ALL ROOF TRUSSES SHALL BE ADEQUATELY CONNECTED TO WALL FRAMING WITH CONTINUOUS EXTERIOR SHEATHING AND / OR METAL TIE-DOWNS.

SYNERGY SPORTS & FITNESS FACILITY

** RENDERING(S) ARE FOR ILLUSTRATIVE PURPOSES AND MAY VARY FROM THE ISSUED CONSTRUCTION DRAWINGS **



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*** IMPORTANT NOTES FOR THE BUILDER ***
PLEASE READ CAREFULLY

ALL MANUFACTURED PRODUCTS SUCH AS FLOOR JOISTS, ROOF TRUSSES, BEAMS, ETC. AND / OR PRE-MANUFACTURED ITEMS TO BE INSTALLED ARE TO BE DESIGNED BY THEIR MANUFACTURERS AND BE ACCOMPANIED BY THE APPROPRIATE ENGINEERED DRAWINGS COMPLETE WITH CERTIFICATION BY THEIR ENGINEERING DEPARTMENT(S). ANY AND ALL ENGINEERED PRODUCTS REQUIRING SPECIAL CONNECTION(S), ASSEMBLY DETAIL(S), SPECIFIC INSTALLATION INSTRUCTION(S), ETC. ARE TO BE PROVIDED BY THE MANUFACTURER, SUPPLIER, OR AN ENGINEER QUALIFIED TO PROVIDE SUCH INFORMATION ANY SUCH DRAWINGS ARE CONSIDERED AN ADDENDUM TO THESE PLANS, FOR WHICH THE MYCROFT DESIGN GROUP ASSUMES NO LIABILITY NOR RESPONSIBILITY.

NOTE:

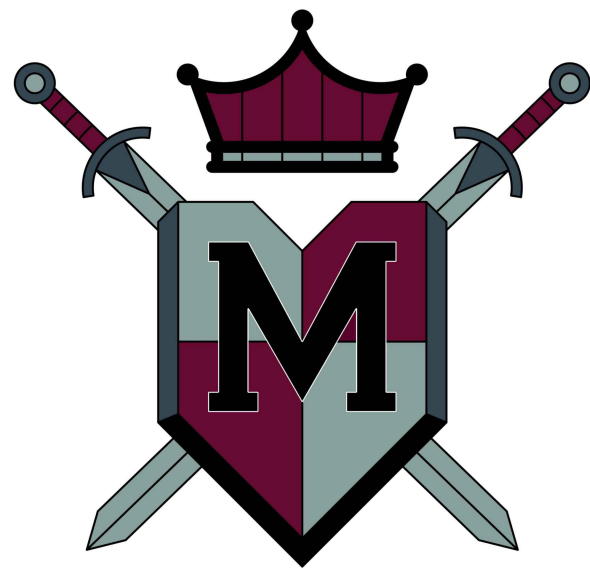
IN THE ABSENCE OF AN ENGINEER'S STAMP, ALL DETAIL(S), PRODUCT SPECIFICATION(S), REFERENCES TO CONSTRUCTION MATERIALS, OR INSTALLATION PRACTICES THAT EXCEED THE SCOPE OF THE LATEST EDITION OF THE N.B.C.C. ARE TO BE REVIEWED AND APPROVED BY A QUALIFIED ENGINEER. THIS DESIGN IS INTENDED TO ASSIST IN OBTAINING SUCH CERTIFICATION AND DOES NOT IN ITSELF REPRESENT ANY ENGINEERED SOLUTION(S).

THE MYCROFT DESIGN GROUP PREPARES IT'S PLANS CAREFULLY FOR OUR CLIENTS. HOWEVER, ADAPTATION OF THESE PLANS TO MEET SPECIFIC PROVINCIAL AND MUNICIPAL BUILDING CODES AND REGULATIONS, AND CERTAIN SITE CONDITIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ALSO, THE MYCROFT DESIGN GROUP WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES RELATING TO THE ACCURACY AND INTEGRITY OF THESE PLANS. THE CONTRACTOR MUST THEREFORE THOROUGHLY INSPECT ALL DIMENSIONS AND DETAILS IN THESE PLANS FOR ERRORS, OMISSIONS AND CHANGES REQUIRED BY CODE FOR WHICH THEY WILL BE HELD RESPONSIBLE.

THESE PLANS HAVE BEEN LICENSED TO THE CUSTOMER FOR USE IN THE CONSTRUCTION OF ONE BUILDING ONLY AND ARE SUBJECT TO THE CONDITIONS OF LICENSE ACCEPTED BY THE CUSTOMER. USE OF THESE PLANS BY ANY OTHER PARTY OTHER THAN THE CUSTOMER EXCEPT ON LOAN BY THE CUSTOMER TO THIRD PARTIES NECESSARY TO ASSIST THE CUSTOMER IN USING THE PLANS, (CONTRACTORS & SUBCONTRACTORS) IS STRICTLY PROHIBITED. THESE PLANS MAY NOT BE REUSED OR COPIED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE MYCROFT DESIGN GROUP, WHICH RETAINS COPYRIGHT TO AND SOLE OWNERSHIP OF THESE PLANS.

DRAWING LIST:

EXTERIOR ELEVATION(S)	PAGE 0025-B - 01
FOUNDATION PLAN	PAGE 0025-B - 02
MAIN FLOOR PLAN	PAGE 0025-B - 03
DETAIL A-A	PAGE 0025-B - 04



SEALS:



DATE ISSUED:

MAY 12, 2026

CONSULTANT:

Hill & Associates Ltd.
CONSULTING PROFESSIONAL ENGINEERS
Fredericton, New Brunswick

CLIENT:

SYNERGY

PROJECT TITLE:

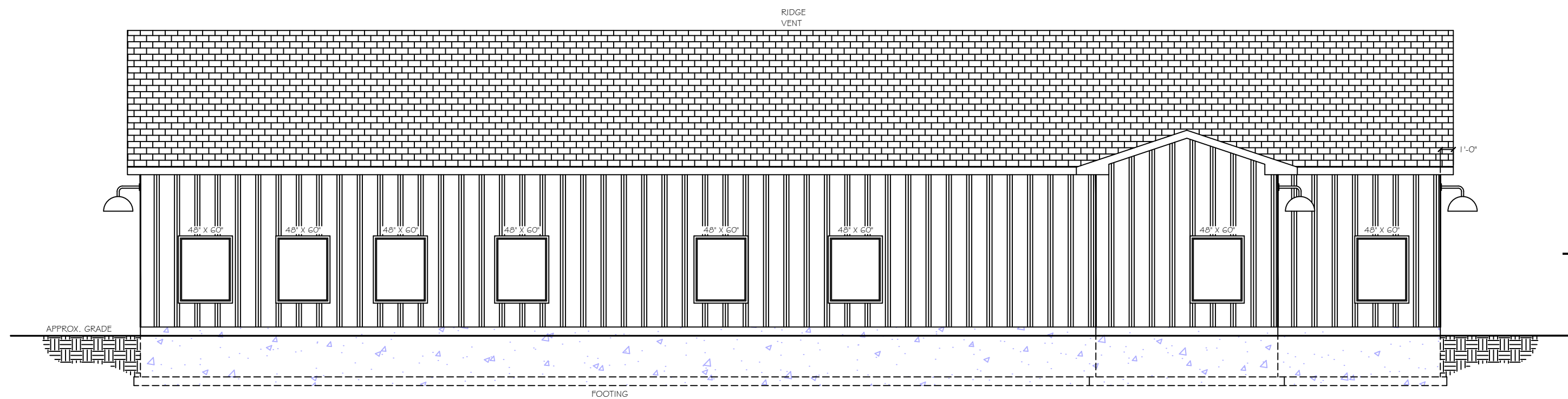
SPORTS & FITNESS
FACILITY

CONDITIONED SPACES:

MAIN FLOOR
6,182 Sq.Ft.

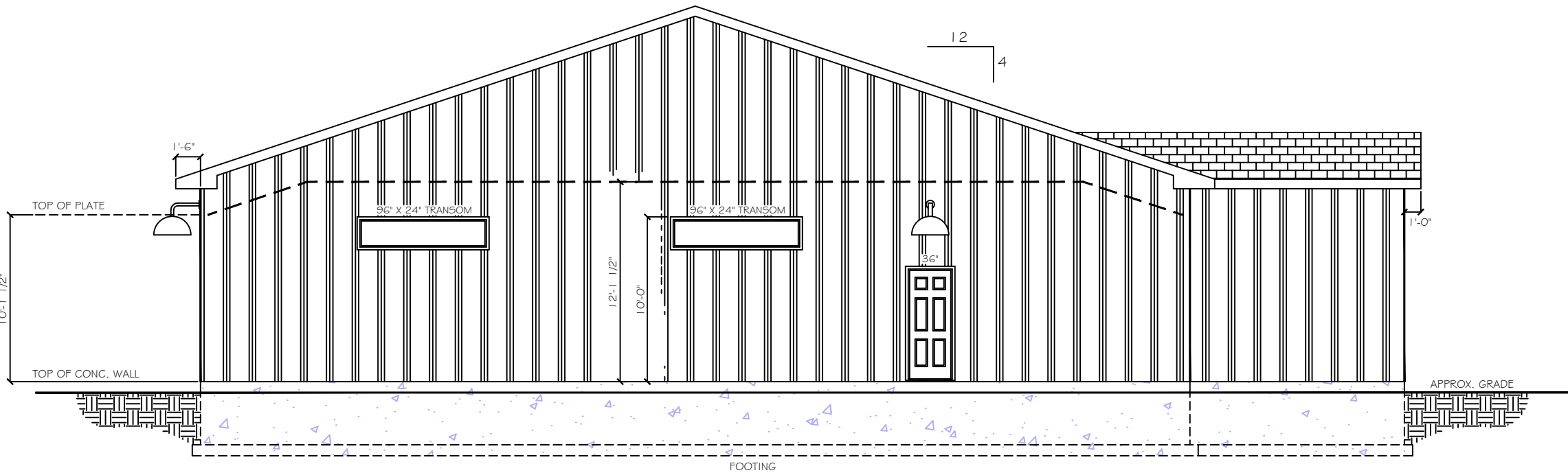
TOTAL
6,182 Sq.Ft.





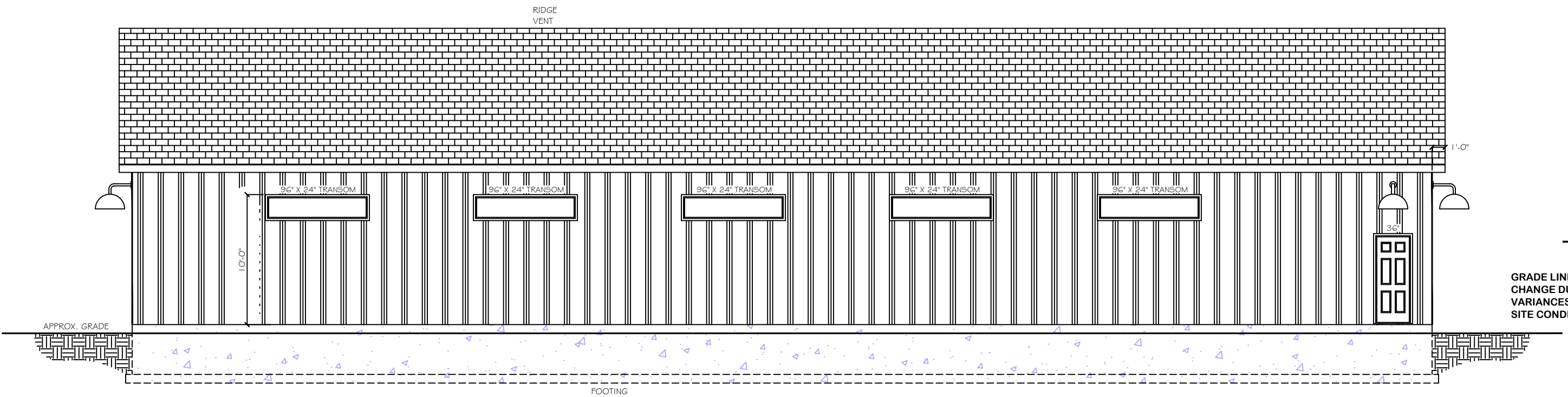
NOTE:
ALL WINDOWS & DOORS TO HAVE
A MAX. U-VALUE OF 1.60 OR A
MIN. ENERGY RATING OF 25.

FRONT
ELEVATION



LEFT
ELEVATION

PRELIMINARY



REAR
ELEVATION

GRADE LINES MAY
CHANGE DUE TO
VARIANCES IN EXISTING
SITE CONDITIONS.

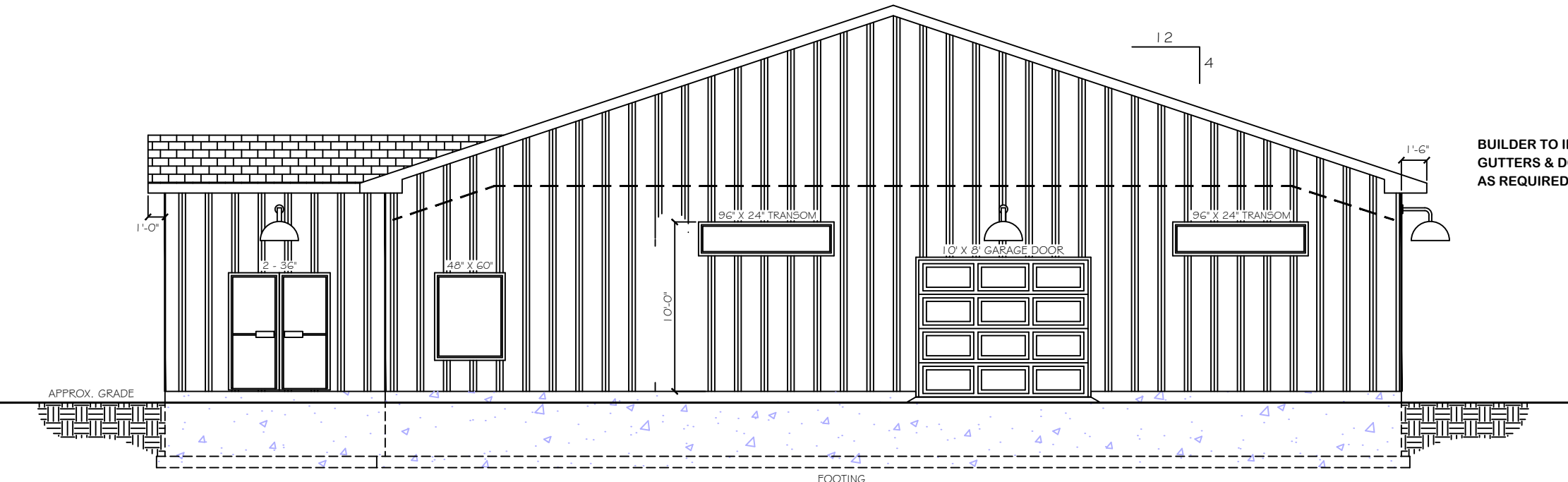
WRITTEN DIMENSIONS
HAVE PRECEDENCE
OVER THOSE SCALED.
DO NOT SCALE
DRAWINGS.

ANY LUMBER OR WOOD STRUCTURE
ON THE EXTERIOR OF THE HOME IS TO
BE PRESSURE TREATED OR OTHERWISE
PROTECTED FROM THE ELEMENTS.

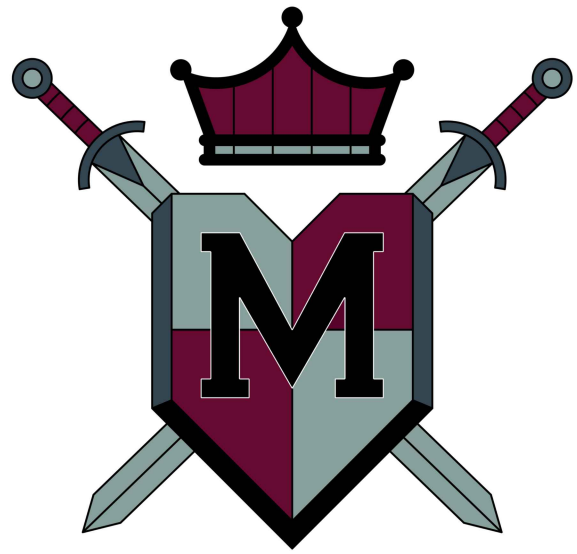
IT IS THE RESPONSIBILITY OF THE
CONTRACTOR TO VERIFY ALL FRAMING
SIZES AND RSO'S OF MANUFACTURED
PRODUCTS TO BE INSTALLED.

CONTRACTOR TO ENSURE THAT ALL
CONCRETE FOOTINGS ARE POURED
BELOW THE LOCAL FROST DEPTH AS
REQUIRED BY THE LOCAL BUILDING
AUTHORITY. DIMENSIONS ON THIS
PLAN ARE NOMINAL AND MAY NEED
REVISION DEPENDING ON LOCATION.

RIGHT
ELEVATION



BUILDER TO INSTALL
GUTTERS & DOWNSPOUTS
AS REQUIRED.



NOTES:



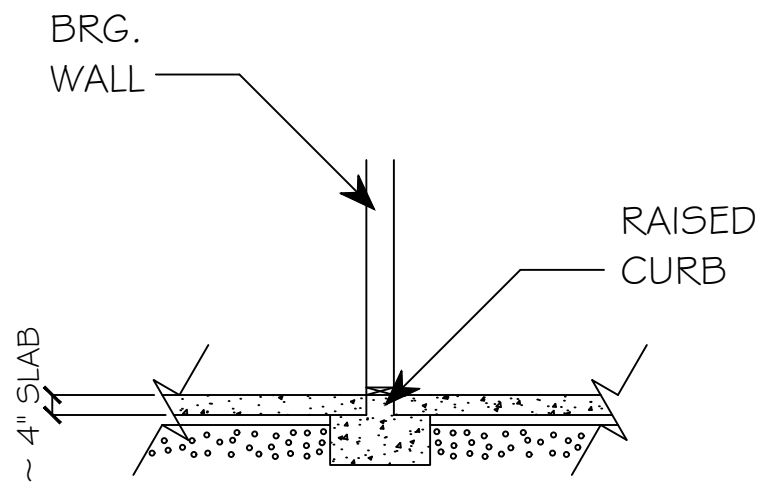
CLIENT:
SYNERGY

PROJECT TITLE:
**SPORT & FITNESS
FACILITY**

DRAWING TITLE:
**EXTERIOR
ELEVATION(S)**

ISSUE DATE: **MAY 12, 2026**
JOB No: **0025-B**
SCALE: **1/8" = 1'-0"**
DRAWN BY: **CHRIS CHASE**

PAGE No:
0025-B-01

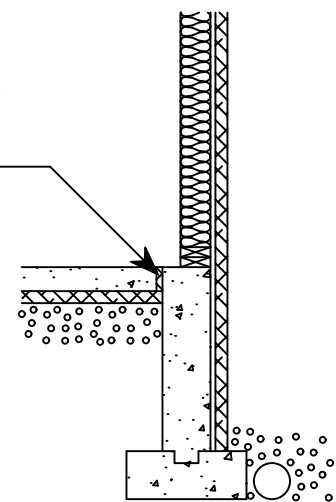


1/4" = 1'-0"

FOUNDATION CONTRACTOR TO PROVIDE RAISED CURB UNDER ALL BEARING WALLS.
- CURB TO BE RAISED THE DEPTH OF SLAB (~ 4")
- CURB WIDTH TO MATCH BRG. WALL WIDTH.

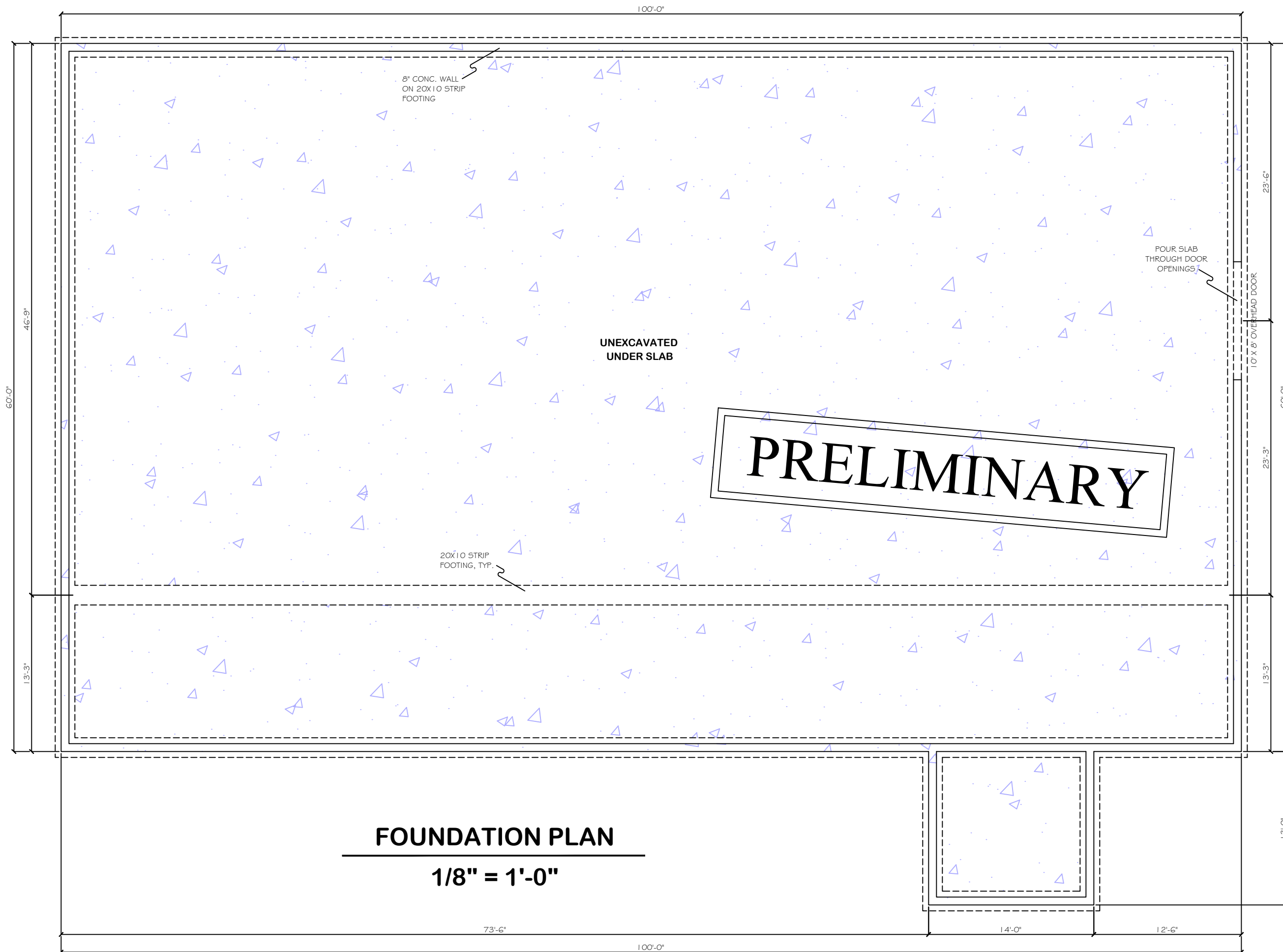
**RECOMMENDED CURB @
INTERIOR FTG'S.**

PROVIDE THERMAL BREAK
AT CONCRETE SLAB / WALL
JOINT WITH 1" RIGID INS.
(XPS) & EPOXY SEALANT



1/4" = 1'-0"
@ WALK OUT

**THERMAL BREAK &
V.B. CONTINUOUS SEAL**



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OVER THOSE SCALED.
DO NOT SCALE
DRAWINGS.

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PRODUCTS TO BE INSTALLED.

ALL BEAM, TRUSS, AND JOIST SIZES
AND / OR SPANS, WHETHER INDICATED
OR NOT, TO BE VERIFIED BY BUILDER.

FLOOR DRAIN TO BE INSTALLED IN
BASEMENT (NEAR HRV AND/OR
CLOTHES WASHER).

CONTRACTOR TO ENSURE THAT ALL
CONCRETE FOOTINGS ARE POURED
BELOW THE LOCAL FROST DEPTH AS
REQUIRED BY THE LOCAL BUILDING
AUTHORITY. DIMENSIONS ON THIS
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PROJECT TITLE:

**SPORTS & FITNESS
FACILITY**

DRAWING TITLE:

**FOUNDATION
PLAN**

CLIENT:

SYNERGY

ISSUE DATE:

MAY 12, 2026

JOB No:

0025-B

SCALE:

AS NOTED

DRAWN BY:

CHRIS CHASE

PAGE No:

0025-B-02

WRITTEN DIMENSIONS
HAVE PRECEDENCE
OVER THOSE SCALED.
DO NOT SCALE
DRAWINGS.

ANY DOOR CONNECTING A
BASEMENT OR ATTACHED
GARAGE TO THE LIVING
AREA OF THE HOME MUST
BE EQUIPPED WITH A
SELF CLOSING MECHANISM.

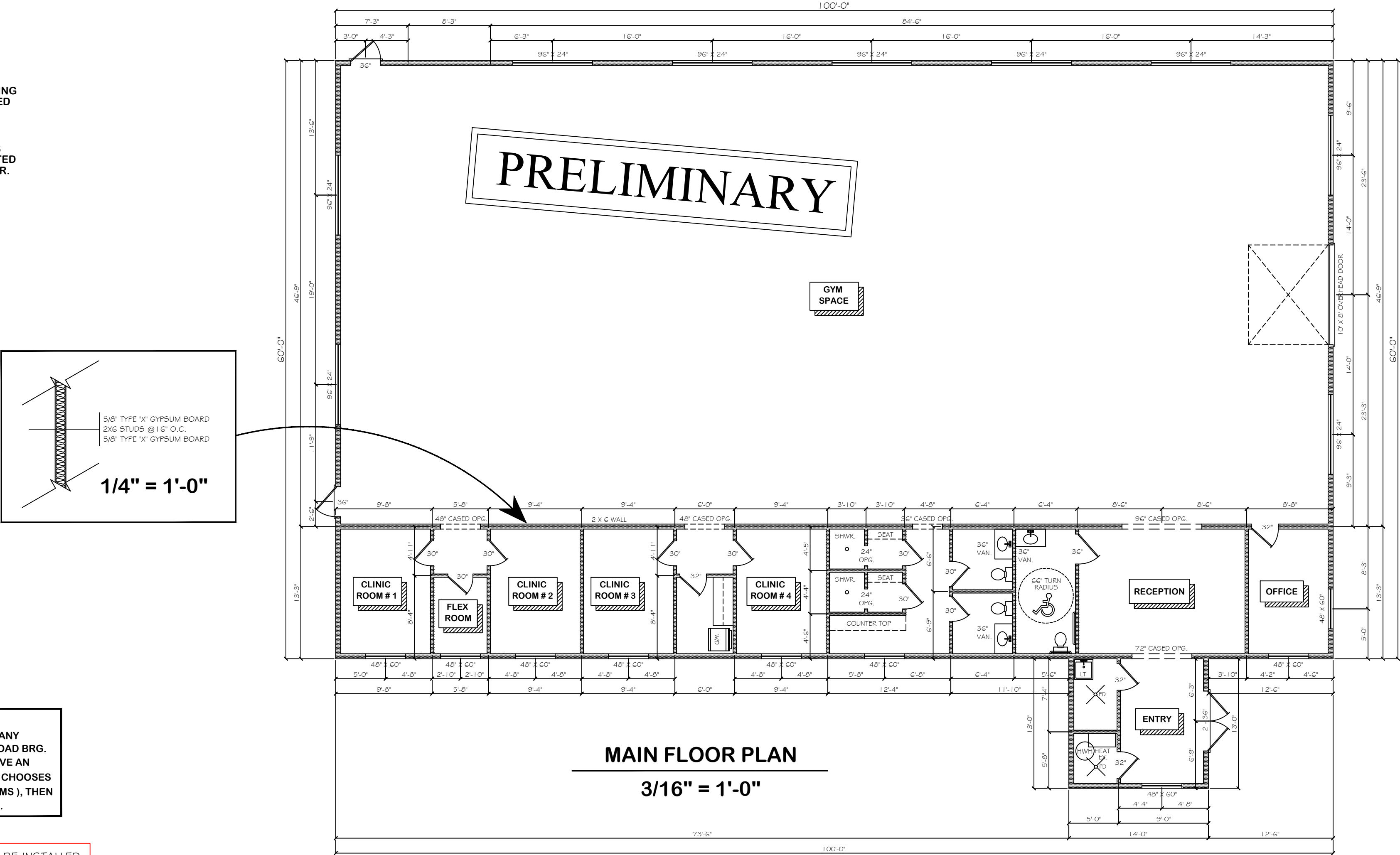
ATTIC HATCHES TO BE INSULATED
TO CEILING R VALUE. ATTIC HATCH
RSO 30" X 22".

IT IS THE RESPONSIBILITY OF THE
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AND / OR SPANS, WHETHER INDICATED
OR NOT, TO BE VERIFIED BY BUILDER.

MECHANICAL EFFICIENCY:
HRV - ERV SYSTEMS MUST HAVE A MINIMUM EFFICIENCY OF 60% @ AN OUTSIDE AIR-TEST TEMPERATURE OF 0°C AND 55% @ AN OUTSIDE AIR-TEST TEMPERATURE OF -25°C. REFER TO NBC 9.36.3.9

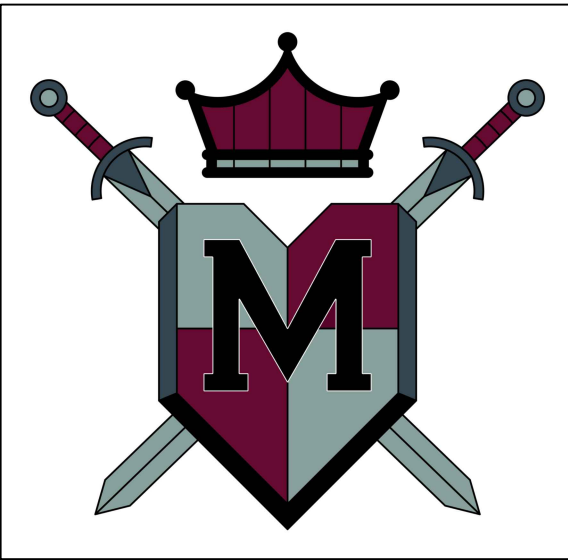
ALL HVAC EQUIPMENT MUST CONFORM TO PERFORMANCE REQUIREMENTS STATED IN NBC TABLE 9.36.3.10



IMPORTANT :
IT IS STRONGLY RECOMMENDED THAT ANY
OPENING IN AN EXTERIOR WALL (OR LOAD BRG.
WALL) SPANNING MORE THAN 6'-0" HAVE AN
ENGINEERED LVL HEADER. IF BUILDER CHOOSES
DIMENSIONAL LUMBER (BUILT-UP BEAMS), THEN
NBC SPAN TABLES TAKE PRECEDENCE.

● SMOKE ALARM	SMOKE ALARMS TO BE INSTALLED PER NBCC 9.10.19
◆ CO	CARBON MONOXIDE ALARMS TO BE INSTALLED PER NBCC 9.32.3.9

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PROJECT TITLE:

SPORTS & FITNESS
FACILITY

DRAWING TITLE:

MAIN FLOOR
PLAN

CLIENT:

SYNERGY

ISSUE DATE:

MAY 12, 2026

JOB No:

0025-B

SCALE:

AS NOTED

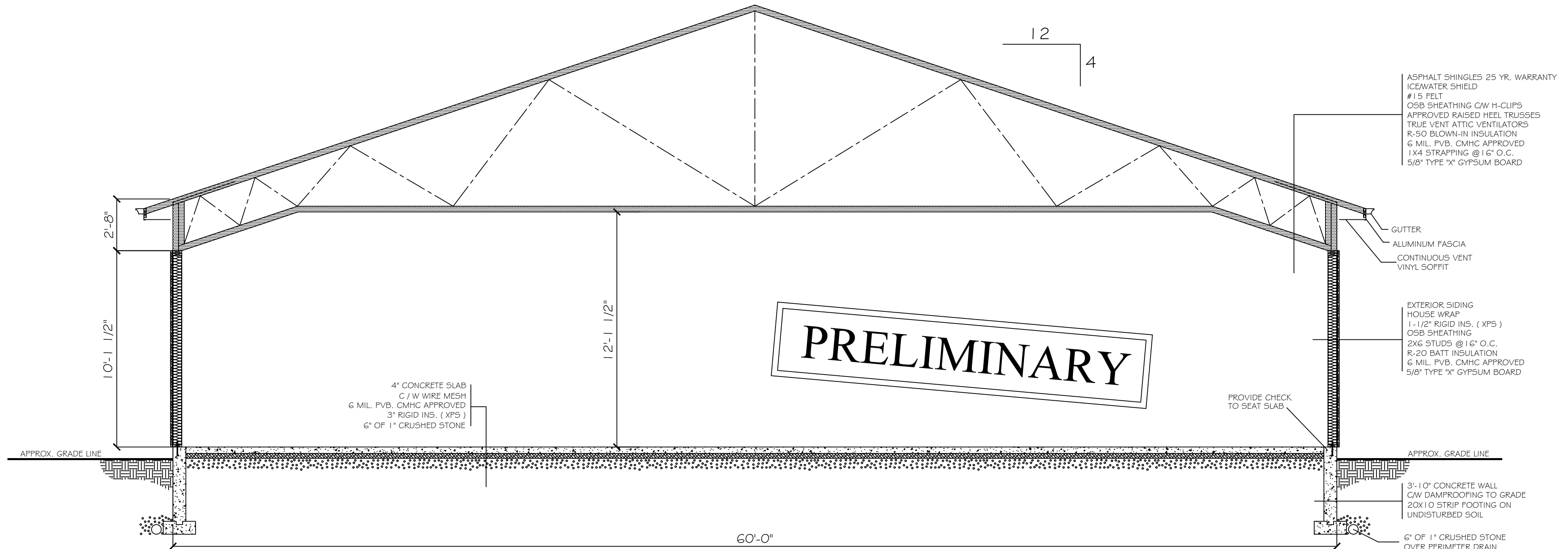
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CHRIS CHASE

PAGE No:

0025-B-03

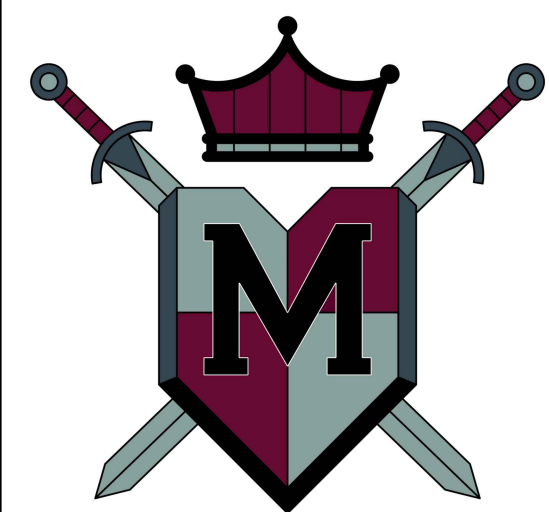
**** FIRE RATED ASSEMBLIES ****
DETAIL(S) FOR FRR REQUIREMENTS ARE TO COMPLY WITH THE N.B.C.C.
NOTE THAT A FIRE CODE REVIEW MAY BE NECESSARY PRIOR TO CONSTRUCTION AND
SHALL BE PROVIDED TO THE FIRE MARSHALL FOR REVIEW / APPROVAL.
ALL FRR DETAIL(S) MUST BE REVIEWED AND CERTIFIED BY A QUALIFIED ENGINEER PRIOR
TO CONSTRUCTION AND BUILDING PERMIT APPLICATION.



DETAIL A-A

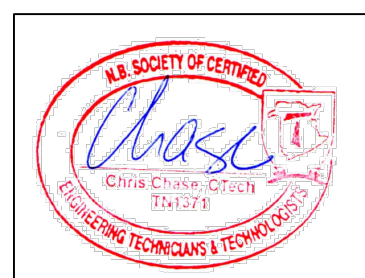
ALL DIMENSIONS RELATIVE TO HEIGHT ARE SUBJECT TO
CHANGE DUE TO FLOOR JOIST DEPTH, STUD HEIGHT, AND
CONTRACTOR SPECIFIC BUILDING PRACTICES.

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PROJECT TITLE:

**SPORTS & FITNESS
FACILITY**

DRAWING TITLE:

**DETAIL
A - A**

CLIENT:

SYNERGY

ISSUE DATE:

MAY 12, 2026

JOB No:

0025-B

SCALE:

AS NOTED

DRAWN BY:

CHRIS CHASE

PAGE No:

0025-B-04