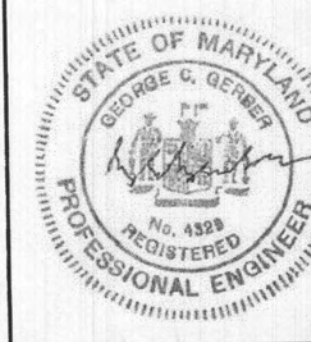




REVISIONS:

KENNEDY RESIDENCE
SIDE ADDITION

13522 ORION DRIVE | DAYTON MD | 21036

PROFESSIONAL CERTIFICATION:
I, GEORGE GERBER, HEREBY
CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I
AM A DULY LICENSED ENGINEER
UNDER THE LAWS OF THE STATE
OF MARYLAND, LICENSE NO. 4528,
EXPIRATION DATE 12/28/2022

PRINTING LOG	
DATE	PURPOSE
06.09.21	SCHEMATIC DESIGN 1
06.23.21	SCHEMATIC DESIGN 2
06.30.21	SCHEMATIC DESIGN 3
07.16.21	SCHEMATIC DESIGN 3

DRAWN BY:
MJR
PROJECT NUMBER:
21027

WIND BRACING
DIAGRAMS

S3

STRUCTURAL NOTES:

1. USE HOWARD COUNTY, MD. BUILDING CODE IRC 2018.
2. LOADS- LIVE -FLOOR RESIDENTIAL - 40PSF. DECK - 60PSF. ROOF - 35 PSF - SNOW. WIND 15 MPH EXPOSURE B IMPORTANCE 1. SEISMIC LOADS ACCOMMODATED BY EXISTING BUILDING. WIND ACCOMMODATED BY CONTINUOUS SHEATHING METHOD.
3. FOUNDATIONS ARE DESIGNED FOR 2000 PSF SOIL. FOOTING BOTTOMS SHALL BE AT LEAST 30" BELOW GRADE AND A MINIMUM OF 12" INTO EXISTING NATURAL SOIL. EXISTING FOUNDATIONS ARE ADEQUATE FOR NEW LOADS.
4. CONCRETE - 3000 PSI @ 28 DAYS MINIMUM. REINFORCING STEEL ASTM A615 GRADE 60. USE ACI STANDARDS.
5. FRAMING LUMBER SHALL BE STRUCTURAL GRADE Fb 1200PSI. USE HURRICANE CLIPS FOR ALL ROOF RAFTERS AND TRUSSES. USE MANUFACTURERS STANDARDS FOR MANUFACTURED LUMBER. LVL'S Fb=2650PSI, E=1.9M PSI.
6. CONC. BLOCK REINFORCEMENT: USE 9 GAGE TRUSS-TYPE HORIZONTAL REINFORCEMENT EVERY OTHER COURSE (DUR-O-WALL OR EQUAL). VERTICAL REINFORCEMENT: #5 BARS @ 32" O.C. - NEEDED ONLY WHERE DIRT IS RETAINED ABOVE 36" HIGH. ALL CONC. BLOCK CELLS TO BE GROUT SOLID.
7. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
8. FLOOR & ROOF TRUSSES BY TRUSS MANUFACTURER. SUBMIT SEALED SHOP DRAWINGS.
9. STRUCTURAL STEEL SHALL BE A36. USE AISC STANDARDS.
10. CONTINUOUS EXTERIOR STRUCTURAL PANEL SHEATHING: INSTALL 1/2" -4'x8' APA EXT OSB SHEATHING ON ALL EXTERIOR FRAMED WALLS AND INTERIOR WOOD FRAMED SHEAR WALLS (IF ANY) PER SECTION R602.10.4 OF 2012 IRC "CONTINUOUS SHEATHING".
11. CONSTRUCT ALL EXTERIOR CORNERS WITH NAILING PATTERN AS INDICATED IN 2012 IRC, FIGURE R602.10.4.4(1) "TYPICAL EXTERIOR FRAMING FOR CONTINUOUS SHEATHING".
12. ROOF: 1/2" - 4'x8' EXT OSB OR ZIPGUARD SHEATHING WITH METAL CLIPS BETWEEN SHEETS. SEE SECTION FOR ACTUAL PRODUCT SPECIFIED.
13. FLOOR SHEATHING: FLOOR DECKING SHALL BE 23/32 APA RATED FLOOR SHEATHING. GLUED AND NAILED WITH 0.131'x3' COMMON SMOOTH AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. ALONG INTERMEDIATE SUPPORTS. STAPLES ARE NOT ALLOWED. FLOOR DECKING SHALL BE GLUED AND NAILED PER APA RECOMMENDATIONS FOR THE STURD-I-FLOOR SYSTEM AND IN ACCORDANCE WITH THE SCHEDULE PROVIDED.

2X4 STUD BEARING WALL

ALL NEW EXTERIOR OPENINGS TO HAVE DOUBLE (2) 2X8 HEADERS, U.N.O.

POSTS UNDER HEADERS TO BE ONE KING AND ONE JACK STUD, U.N.O.

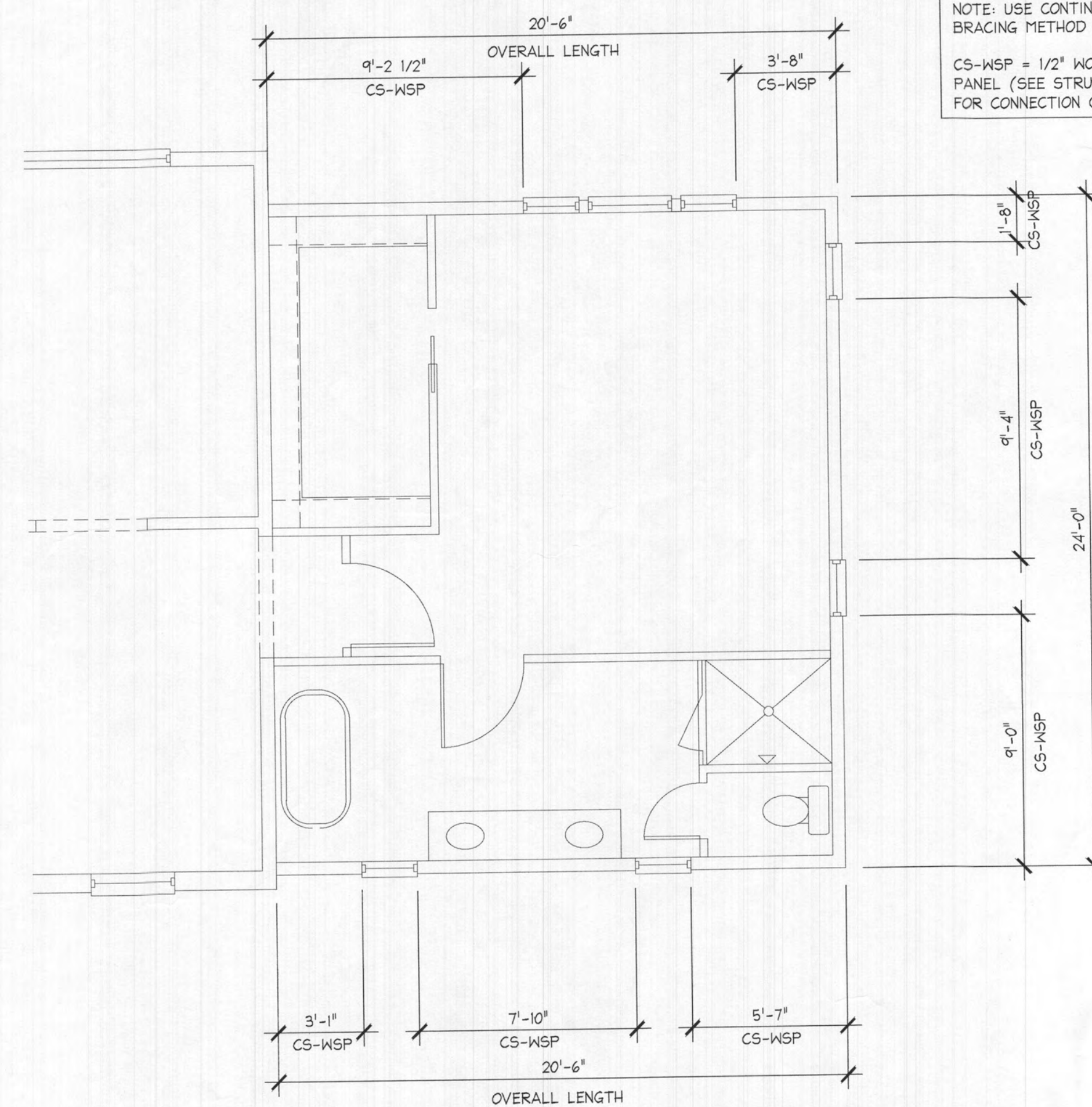
NEW DOUBLE WINDOWS TO HAVE TWO JACK STUDS BETWEEN UNLESS FACTORY MULLED

HEADER SCHEDULE
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INTERIOR BEARING WALLS ARE TO BE 2X4 @ 16" O.C. UNO

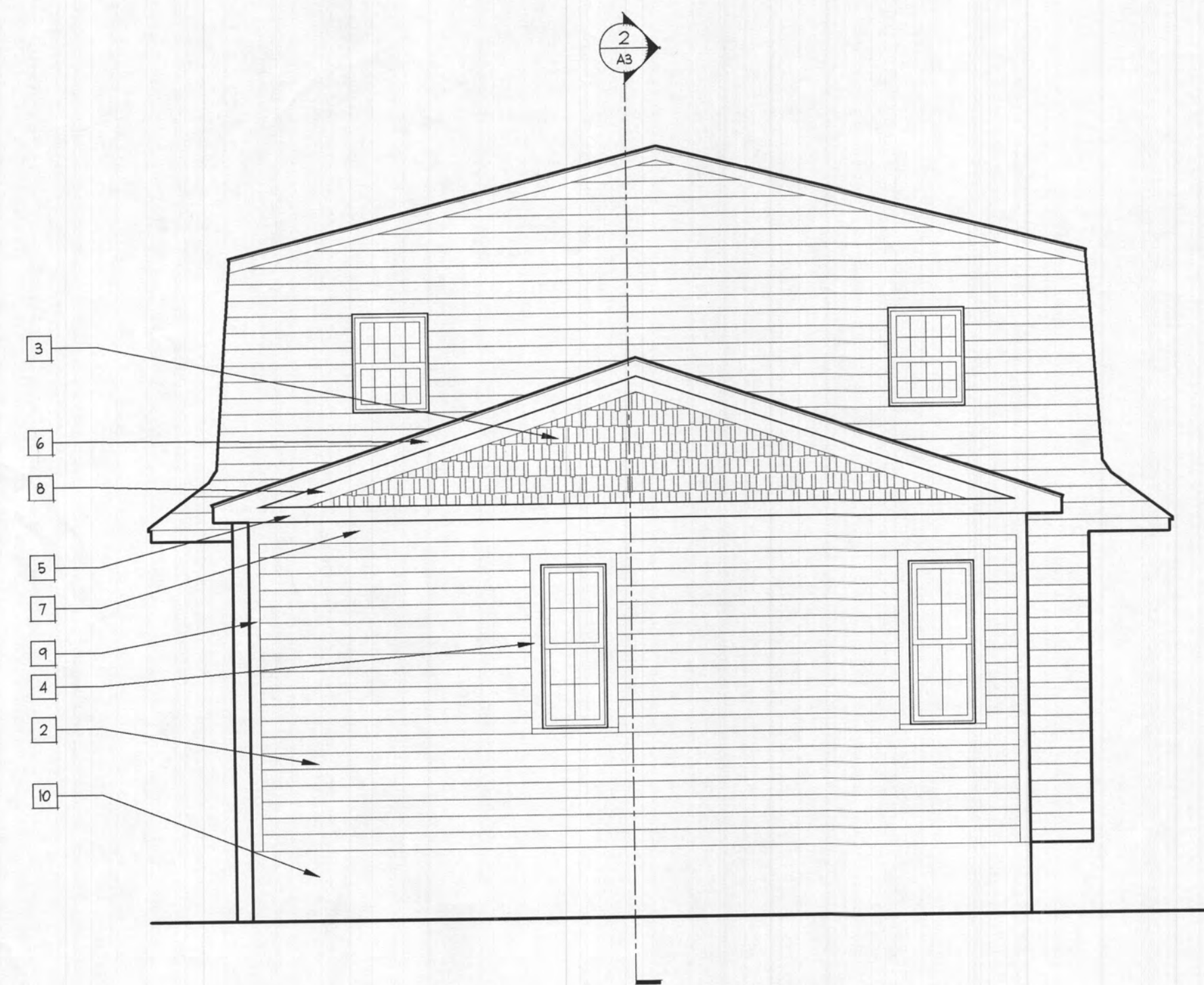
NOTE: USE CONTINUOUS WALL BRACING METHOD (#3) PER IRC: R602.10.4

CS-WSP = 1/2" WOOD STRUCTURAL PANEL (SEE STRUCTURAL NOTES FOR CONNECTION CRITERIA)



NOTE: USE CONTINUOUS WALL BRACING METHOD PER IRC: R602.10.4
CS-WSP = 1/2" WOOD STRUCTURAL PANEL (SEE STRUCTURAL NOTES FOR CONNECTION CRITERIA)

1 FIRST FLOOR WIND BRACING DIAGRAM
53 1/4" = 1'-0"



2 PROPOSED SIDE (SOUTH) ELEVATION
A2 1/4" = 1'-0"



3 PROPOSED REAR (EAST) ELEVATION
A2 1/4" = 1'-0"



1 PROPOSED FRONT (WEST) ELEVATION
A2 1/4" = 1'-0"

ELEVATION KEYNOTES:

- 30 YR. ASPHALT SHINGLE ROOFING - MATCH EXISTING
- HARDIE BOARD SIDING
- HARDIE BOARD SHINGLE SIDING
- 5/8" X 4 PVC WINDOW TRIM ON TOP/SIDES WITH 2" HISTORIC SILL
- 1X6 PVC FASCIA BD
- 1X6 PVC RAKING FASCIA BD
- 3/4" X 8 PVC FRIEZE BOARD
- 3/4" X 6 PVC RAKING FRIEZE BOARD
- 3/4" X 4 PVC CORNER BOARD
- PAINTED CONCRETE FOUNDATION WALL
- NEW PRE-FINISHED ALUM GUTTER TO MATCH EXG
- NEW PRE-FINISHED ALUM DOWNSPOUT TO MATCH EXG

NOTE:
GUTTERS AND DOWNSPOUTS HAVE BEEN LEFT OFF FOR CLARITY. SEE PLANS FOR LOCATIONS OF DOWNSPOUTS.

ROMERO ARCHITECTS, LLC
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info@romero-architects.com



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SIDE ADDITION

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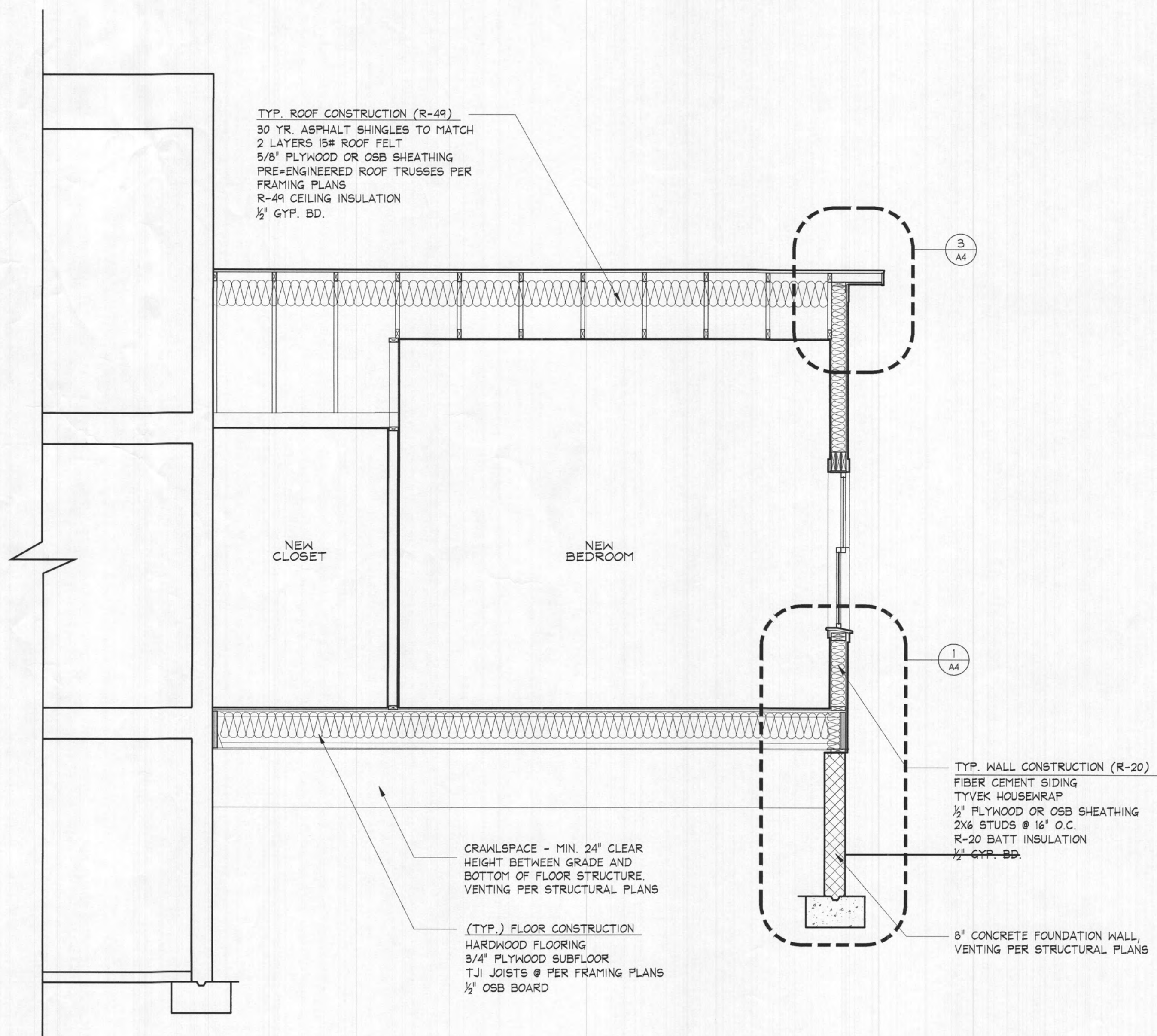
PROFESSIONAL CERTIFICATION:
I, MICHAEL ROMERO, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10856, EXPIRATION DATE JULY 11, 2022

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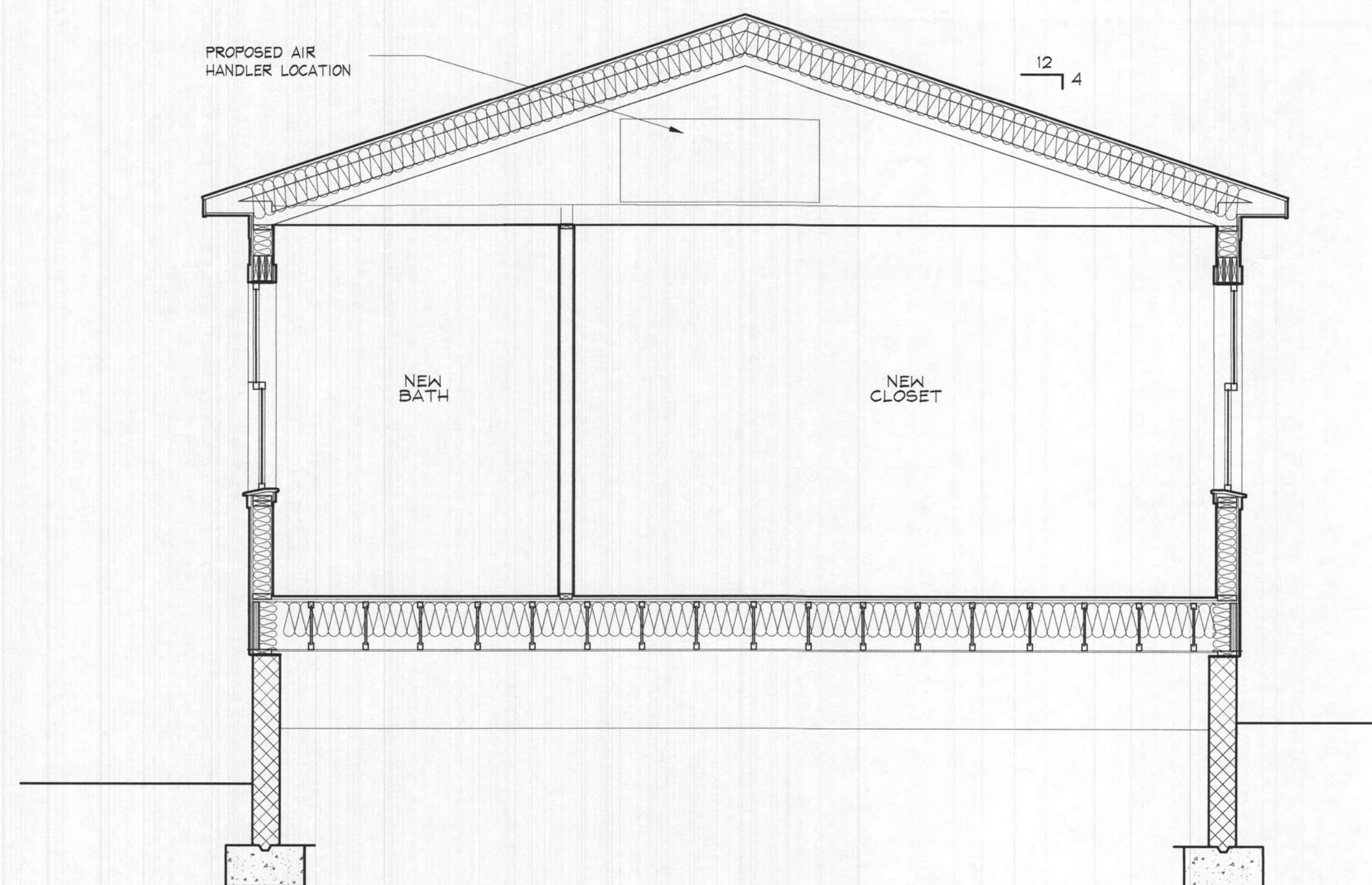
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PROJECT NUMBER:
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EXTERIOR
ELEVATIONS

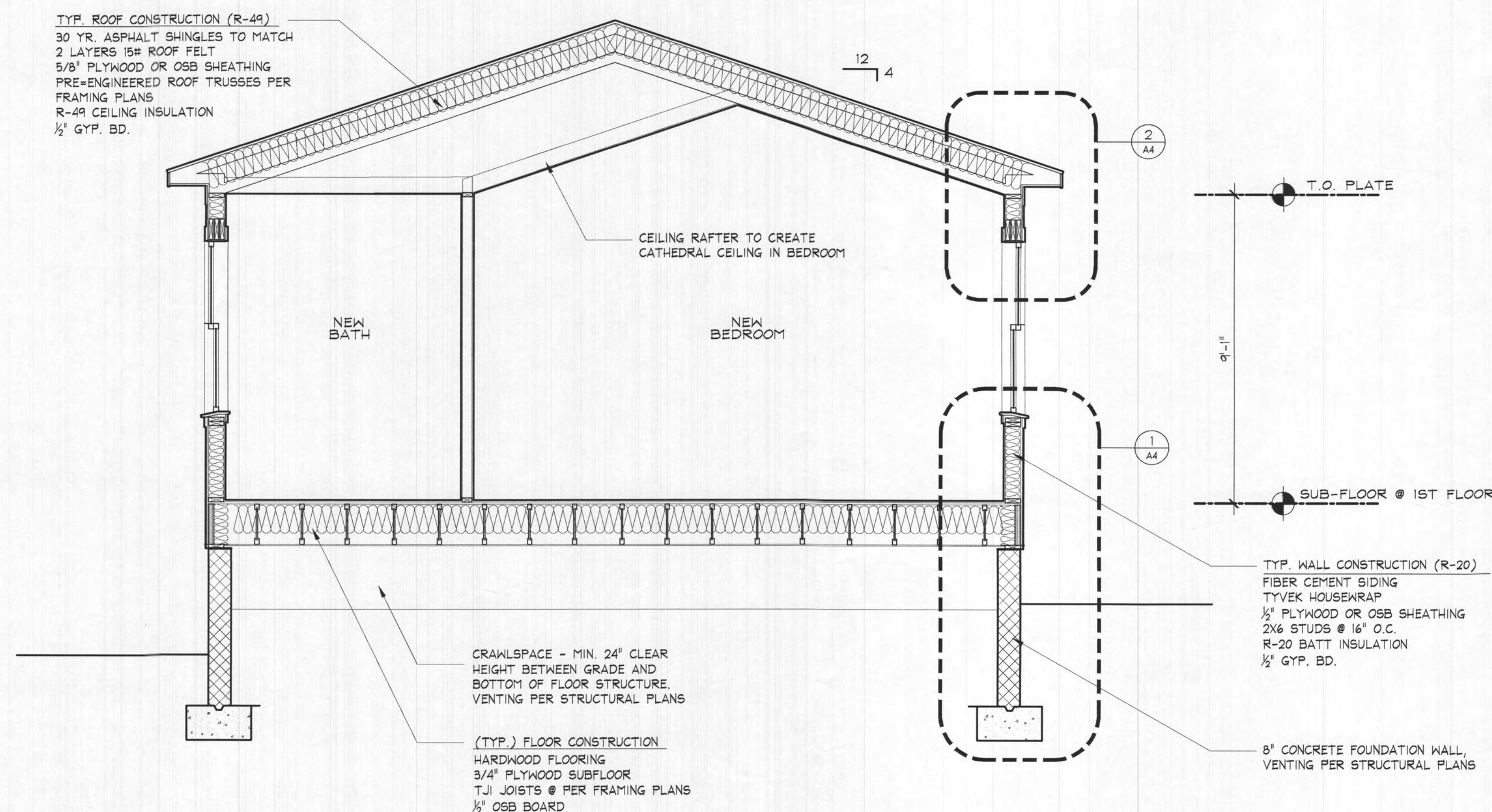
A2



2 BUILDING LONGITUDINAL SECTION - LOOKING EAST
A3 3/8" = 1'-0"



3 BUILDING CROSS SECTION AT CLOSET - LOOKING NORTH
A3 3/8" = 1'-0"



1 BUILDING CROSS SECTION - LOOKING NORTH
A3 3/8" = 1'-0"

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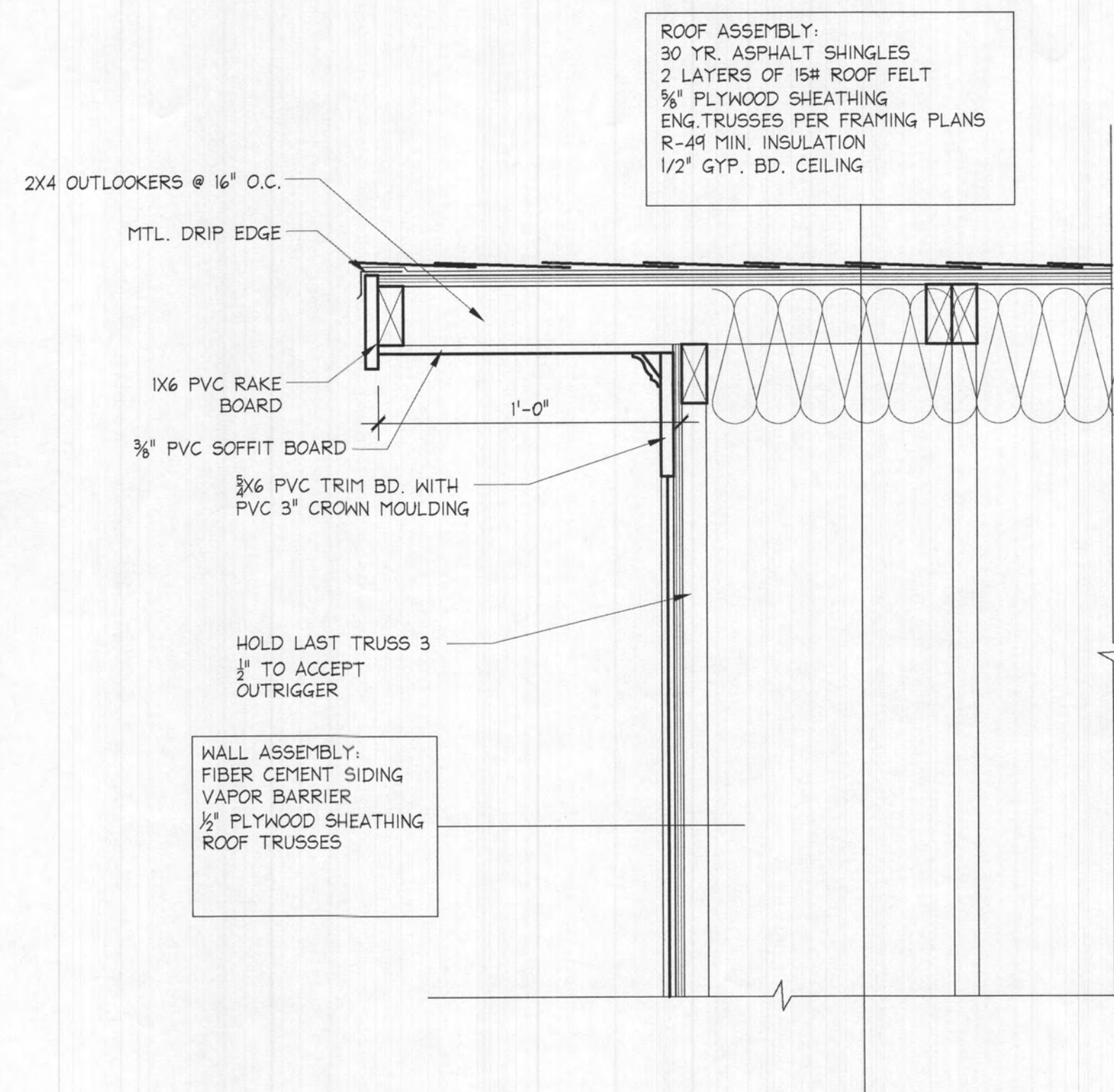
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19546, EXPIRATION DATE JULY 11,
2022

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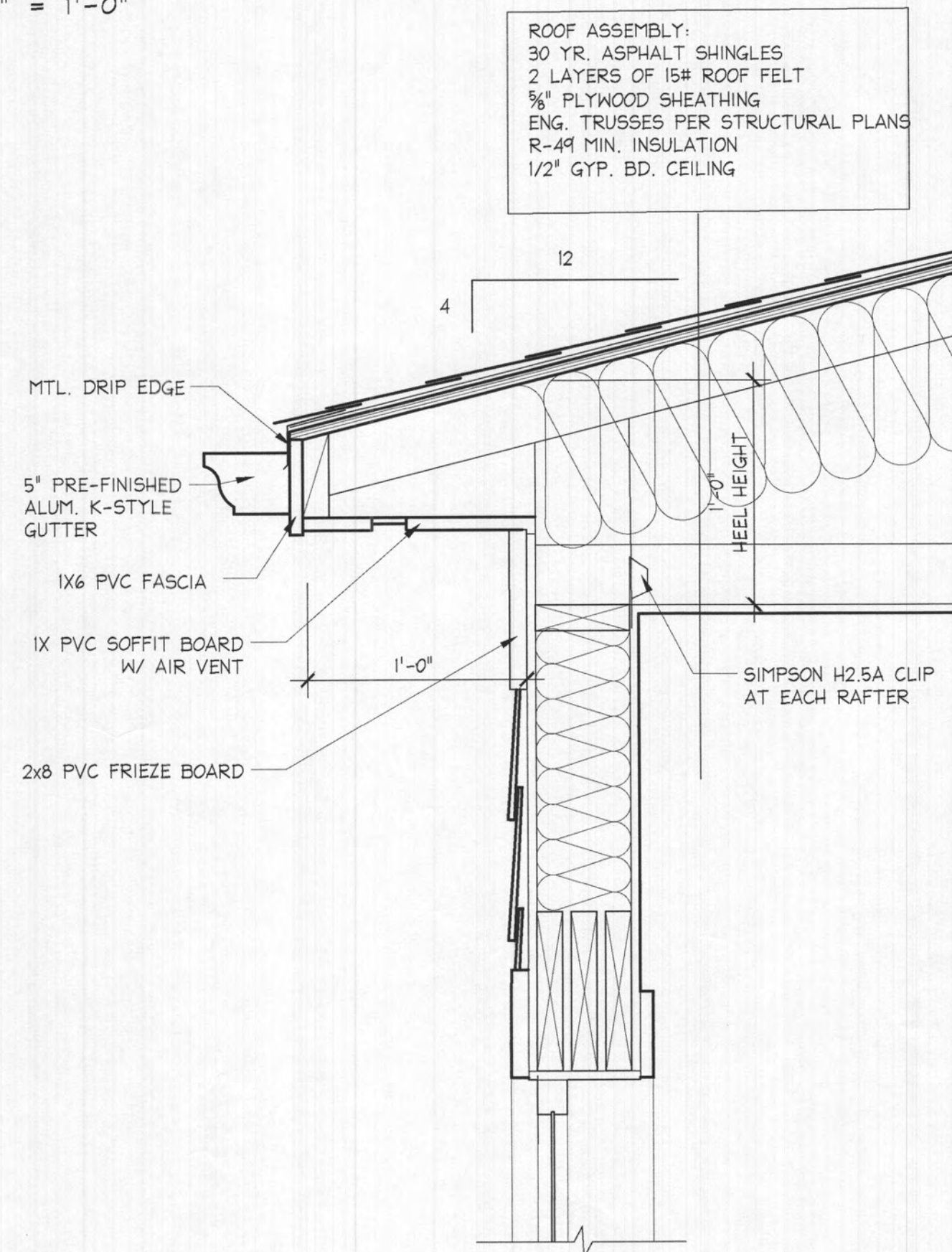
DRAWN BY:
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PROJECT NUMBER:
21027

BLDG. SECTIONS
& DETAILS

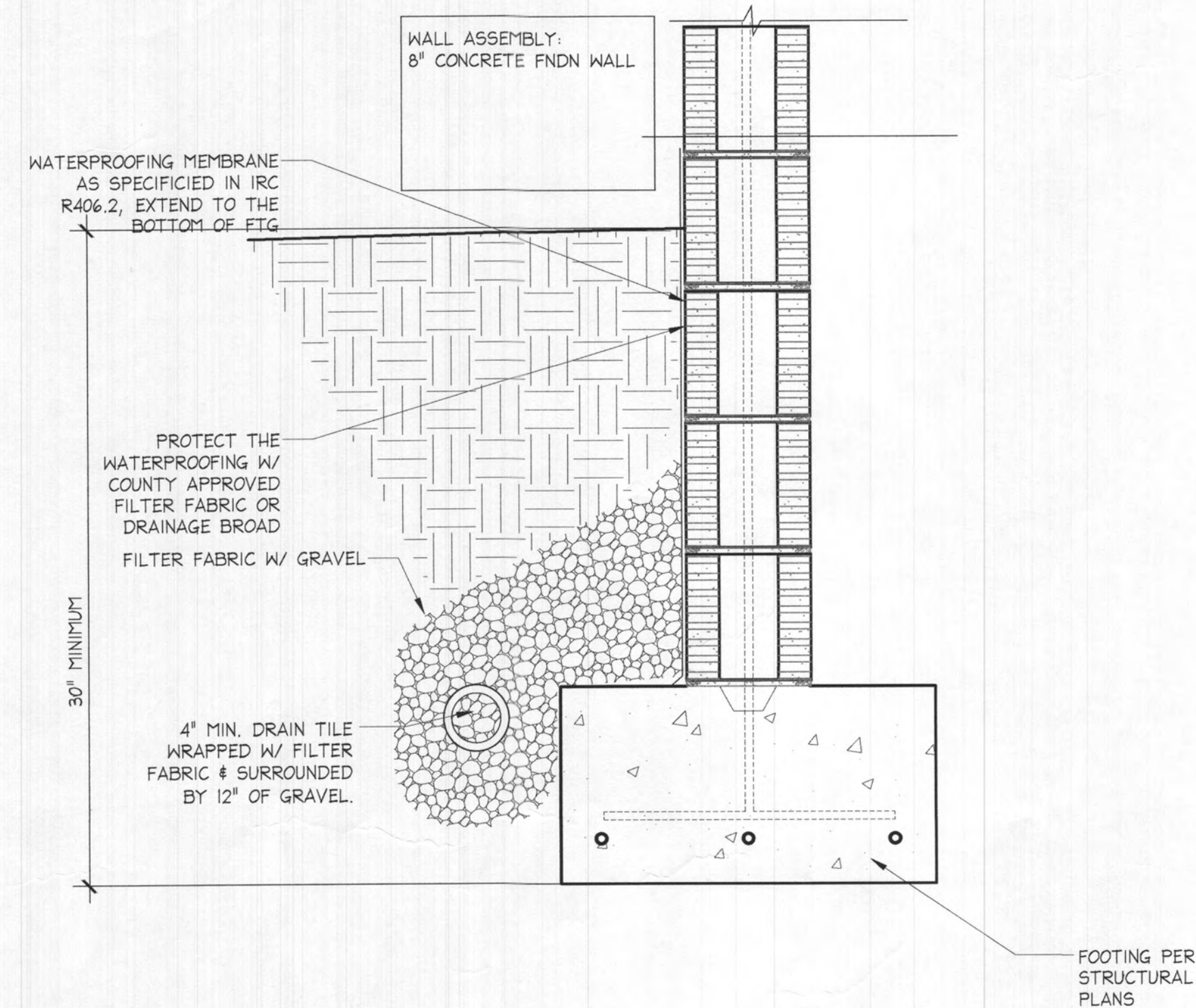
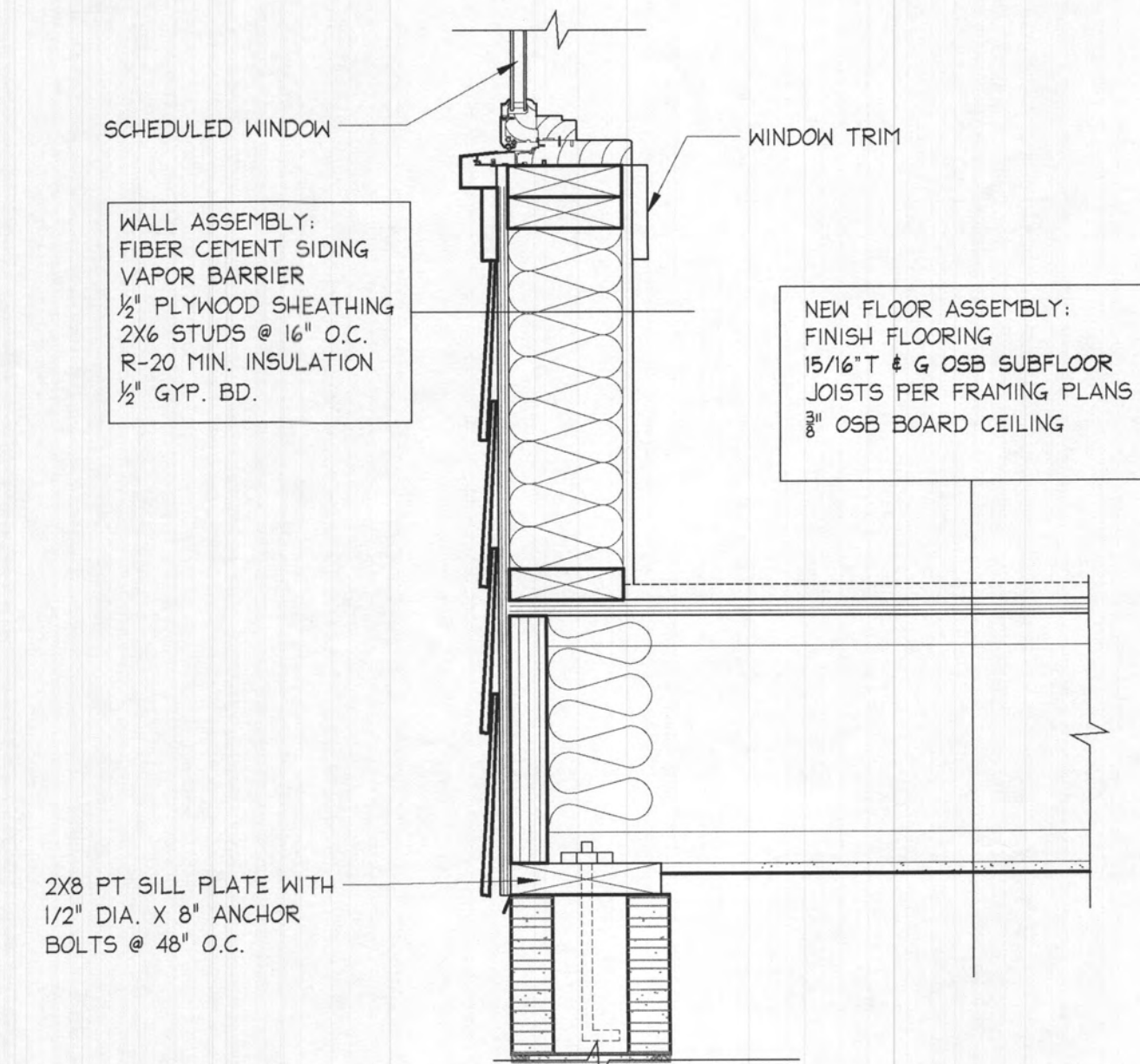
A3



3 DETAIL - GABLE RAKING EAVE
A4 1 1/2" = 1'-0"



2 WALL SECTION - ROOF EAVE
A4 1 1/2" = 1'-0"



1 WALL SECTION - FOUNDATION TO FIRST FLOOR FRAMING
A4 1 1/2" = 1'-0"



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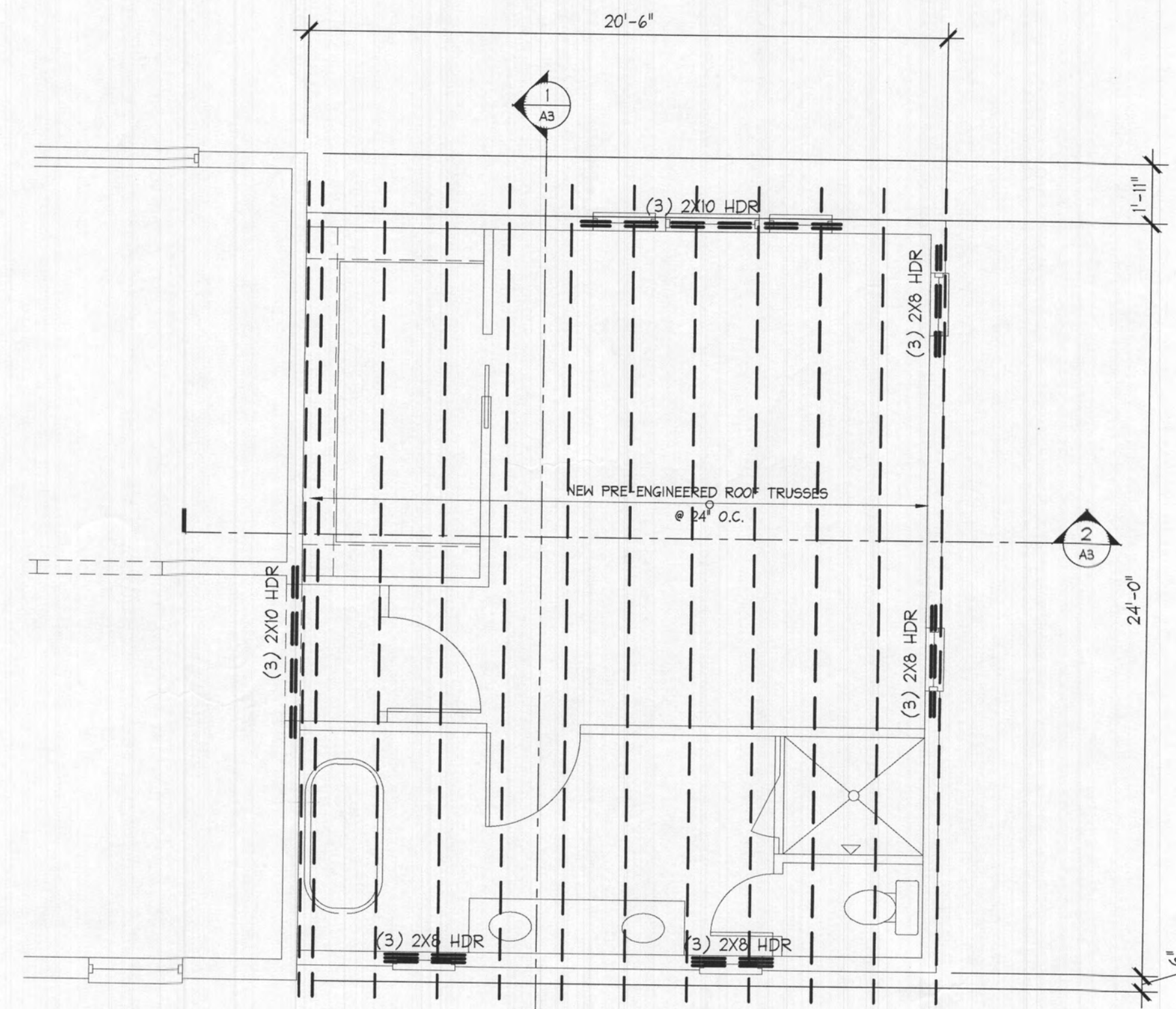
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DETAILS

A4



STRUCTURAL NOTES:

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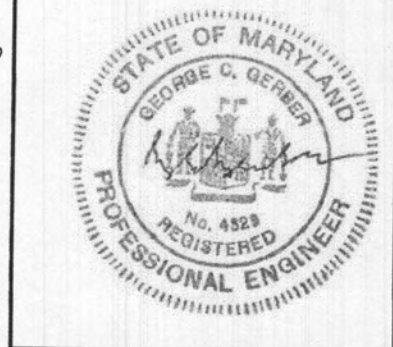
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CS-WSP = 1/2" WOOD STRUCTURAL PANEL (SEE STRUCTURAL NOTES FOR CONNECTION CRITERIA)

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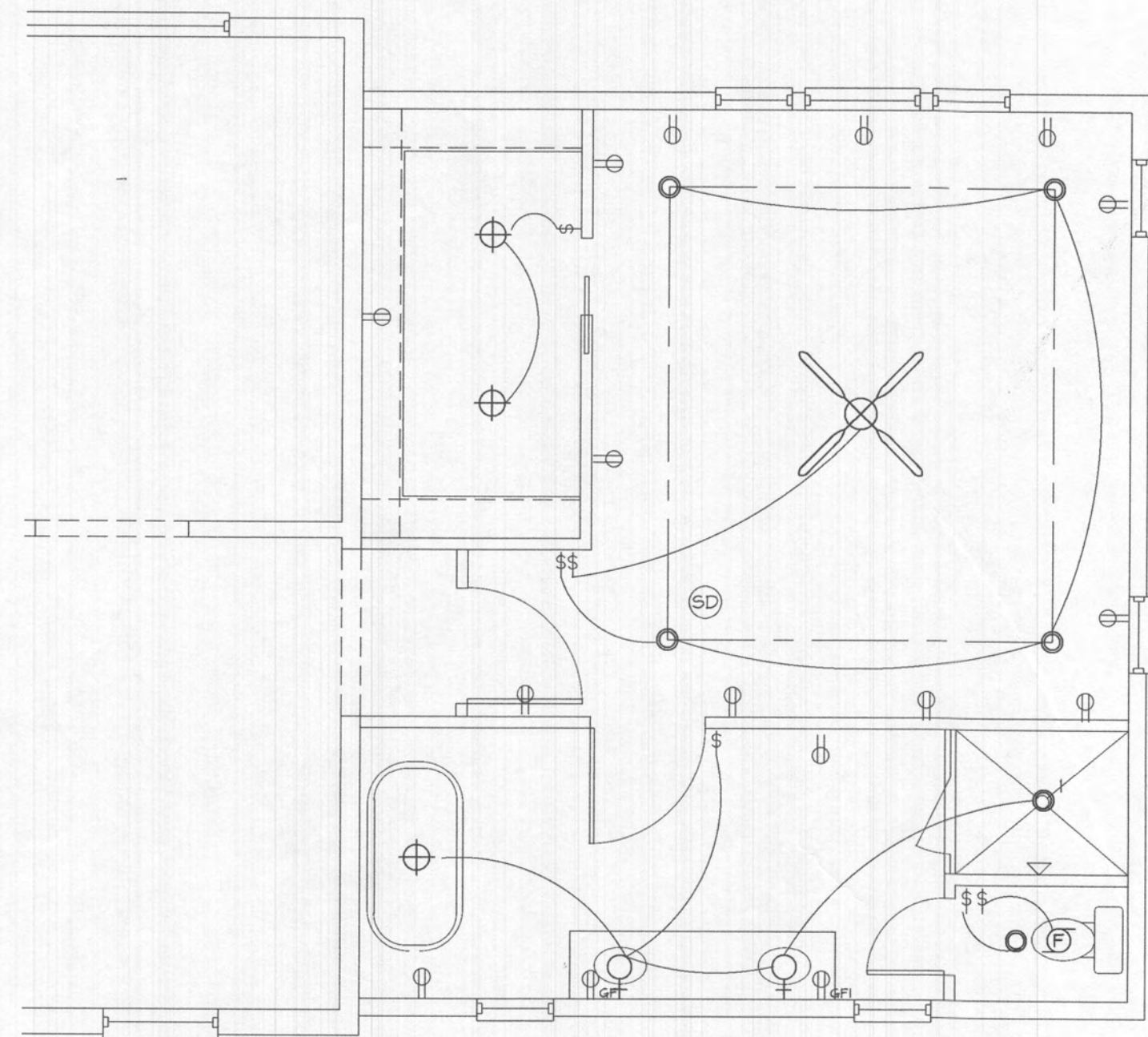
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STRUCTURAL
PLANS

S2



1 FIRST FLOOR ELECTRICAL PLAN
El 1/4" = 1'-0"

ELECTRICAL SYMBOLS

- SWITCH
- THREE-WAY SWITCH
- SWITCH IN JAMB ACTIVATED BY DOOR OPENING
- AIR SWITCH FOR GARBAGE DISPOSAL
- SWITCH WITH DIMMER
- DUPLEX RECEPTACLE
- QUADRUPLUX RECEPTACLE
- SWITCHED OUTLET
- GROUND FAULT PROTECTED RECEPTACLE
- WATERPROOF RECEPTACLE
- 220V RECEPTACLE
- FLOOR RECEPTACLE
- TELEPHONE JACK/INTERNET/DATA
- SMOKE DETECTOR
- THERMOSTAT
- CABLE TELEVISION JACK
- SURFACE MOUNTED CEILING FIXTURE
- SURFACE MOUNTED PULL CHAIN FIXTURE
- RECESSED CEILING FIXTURE
- RECESSED CEILING FIXTURE - WET LOCATION RATED
- RECESSED WALL WASH FIXTURE
- WALL MOUNTED FIXTURE
- FLOODLIGHT WITH MOTION DETECTOR
- BATHROOM EXHAUST FAN
- CEILING FAN W/ LIGHT - OSCI
- UNDER CABINET OR OVER DOOR LIGHT
- RECESSED RISER MOUNTED STEP LIGHT

GENERAL ELECTRICAL NOTES:

- ELECTRICAL LAYOUT TO MEET REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE.
- SMOKE DETECTORS ARE TO BE HARDWIRED TOGETHER SO THAT ACTIVATION OF ONE DETECTOR ACTIVATES ALL. PROVIDE BATTERY BACK-UPS.
- PROVIDE AT LEAST 1 CARBON MINOXIDE DETECTOR ON EACH FLOOR.

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ELECTRICAL
PLANS

E1