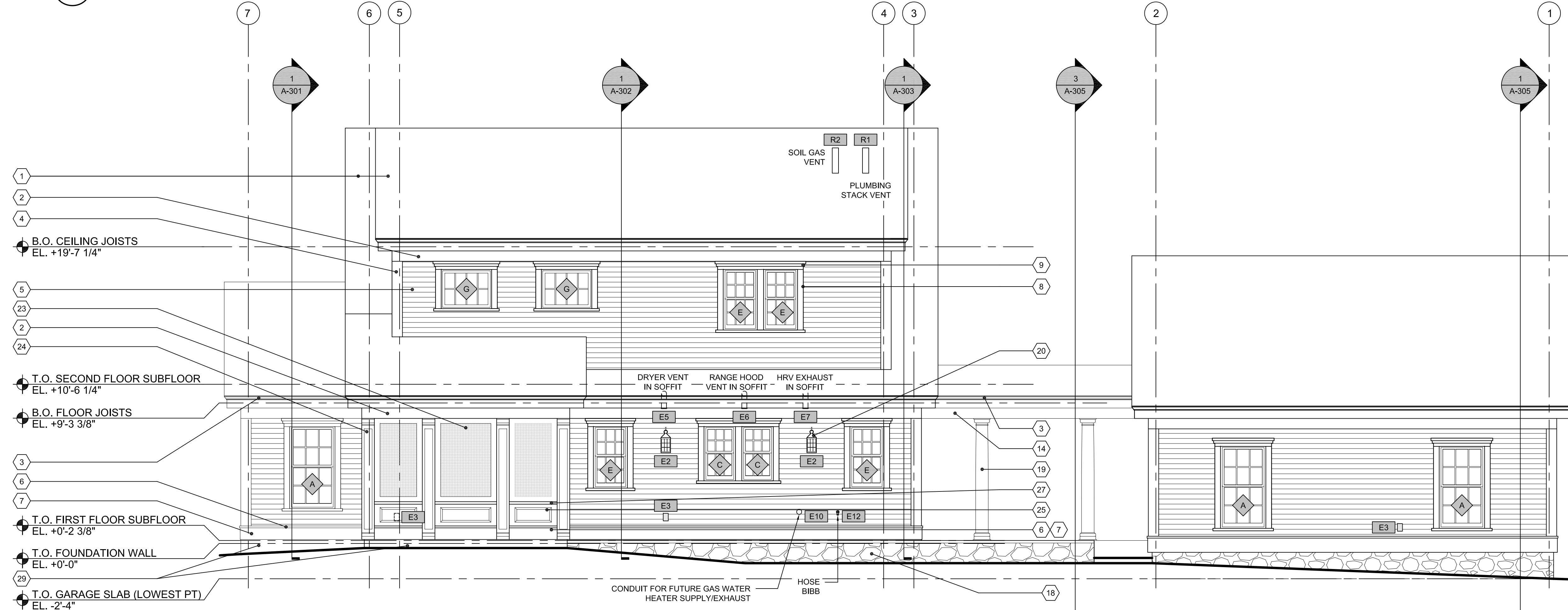


2 LEFT SIDE (WEST) ELEVATION
SCALE: 1/4" = 1'-0"



1 REAR (NORTH) ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- FIRST FLOOR SOFFITS AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE.
- SEE A-601 FOR WINDOW SCHEDULE.
- SEE A-603 FOR PENETRATION SCHEDULE.
- SIDING TO BE PAINTED P-12.
- ALL TRIM AND SOFFITS TO BE PAINTED P-13.
- ALL DOORS TO BE PAINTED P-14.
- CEILINGS OF PORCHES AND BREEZEWAY TO BE PAINTED P-15.
- FRONT PORCH AND BREEZEWAY COLUMNS TO BE PAINTED P-13.
- EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.

SHEET KEYNOTES

- ASPHALT ROOF SHINGLES
- 1" x 8" FRIEZE BOARD TRIM MOULDING
- 1/2" x 8" TRIM WITH 3" CROWN MOULDING
- 1" x 8" TRIM
- FIBER CEMENT SIDING, 4" EXPOSURE
- 2 x 2 TRIM
- 1/2" x 10" TRIM
- 1" x 4 1/2" WINDOW TRIM
- BUILT-UP WINDOW CROWN
- 1" x 6" DOOR TRIM
- BUILT-UP DOOR CROWN
- 5/4 x 8 TRIM
- 1/2" x 6 RAKE EDGE TRIM WITH 3" CROWN MOULDING
- 1" x 8 1/2" BEAM TRIM
- EGRESS WINDOW WELL AND LADDER
- STONE VENEER AT GARAGE FOUNDATION WALL
- CONCRETE DECK
- CONCRETE WALL WITH STONE VENEER EDGES
- LOAD-BEARING COLUMN
- EXTERIOR LANTERN
- PV ARRAY
- SOLAR COLLECTOR (HOT WATER SYSTEM)
- SCREEN PANEL
- PREFABRICATED PILASTER
- FIBER CEMENT PANEL
- FIBER CEMENT TRIM
- 2" SILL
- KICK-OUT FLASHING
- ALUMINUM COIL STOCK COVERING

WINDOW KEY

- A. 3'-0" x 5'-5" DH
- B. 3'-2 1/2" x 5'-2" DH
- C. 2'-1" x 3'-7" DH
- D. 2'-8" x 2'-3" AWN
- E. 2'-3" x 4'-0" DH
- F. 3'-4" x 2'-3" AWN
- G. 3'-4" x 2'-7" AWN

PENETRATION KEY

- E1. COLLECTOR PANEL CONDUIT
- E2. EXTERIOR LANTERN
- E3. WEATHER PROTECTED OUTLET
- E4. CONDUIT FOR FUTURE GAS FURNACE
- E5. DRYER VENT
- E6. RANGE HOOD VENT
- E7. HRV EXHAUST
- E8. HRV INLET
- E9. INSTRUMENTATION CONDUIT
- E10. CONDUIT FOR FUTURE GAS WATER HEATER
- E11. FUTURE MULTI-SPLIT OUTDOOR UNIT CONNECTION
- E12. HOSE BIBB
- F4. SUMP PUMP OUTLET
- F9. AIR-TO-AIR OUTDOOR UNIT CONNECTION
- F10. FUTURE AIR-TO-AIR OUTDOOR UNIT CONNECTION
- R1. PLUMBING STACK VENT
- R2. SOIL GAS VENT

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CONSULTANT:

PROJECT:

National Institute of Standards and Technology
NET ZERO ENERGY RESIDENTIAL TEST FACILITY
NIST Campus Gaithersburg, MD



U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

MARK	DATE	DESCRIPTION
	08/03/10	UPDATED
	07/27/10	UPDATED
	06/29/10	UPDATED
ISSUE:	03/31/10	ISSUED FOR CONSTRUCTION

PROJECT NO: NIST NZERTF
CAD DWG FILE: A-PLOT-ELEV-NZERTF
DRAWN BY: CG
CHECKED BY: BP

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SHEET TITLE:

EXTERIOR ELEVATIONS

SCALE AS NOTED

A-202



CONSULTANT:

PROJECT:

National Institute of Standards and Technology

NET ZERO ENERGY RESIDENTIAL TEST FACILITY

NIST Campus
Gaithersburg, MD



U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

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PROJECT NO: NIST NZERTF
CAD DWG FILE: A-PLOT-ELEV-NZERTF
DRAWN BY: CG
CHECKED BY: BP

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SHEET TITLE:

EXTERIOR ELEVATIONS

SCALE AS NOTED

A-203

GENERAL SHEET NOTES

- FIRST FLOOR SOFFITS AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE.
- SEE A-601 FOR WINDOW SCHEDULE.
- SEE A-603 FOR PENETRATION SCHEDULE.
- SIDING TO BE PAINTED P-12.
- ALL TRIM AND SOFFITS TO BE PAINTED P-13.
- ALL DOORS TO BE PAINTED P-14.
- CEILINGS OF PORCHES AND BREEZEWAY TO BE PAINTED P-15.
- FRONT PORCH AND BREEZEWAY COLUMNS TO BE PAINTED P-13.
- EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.

SHEET KEYNOTES

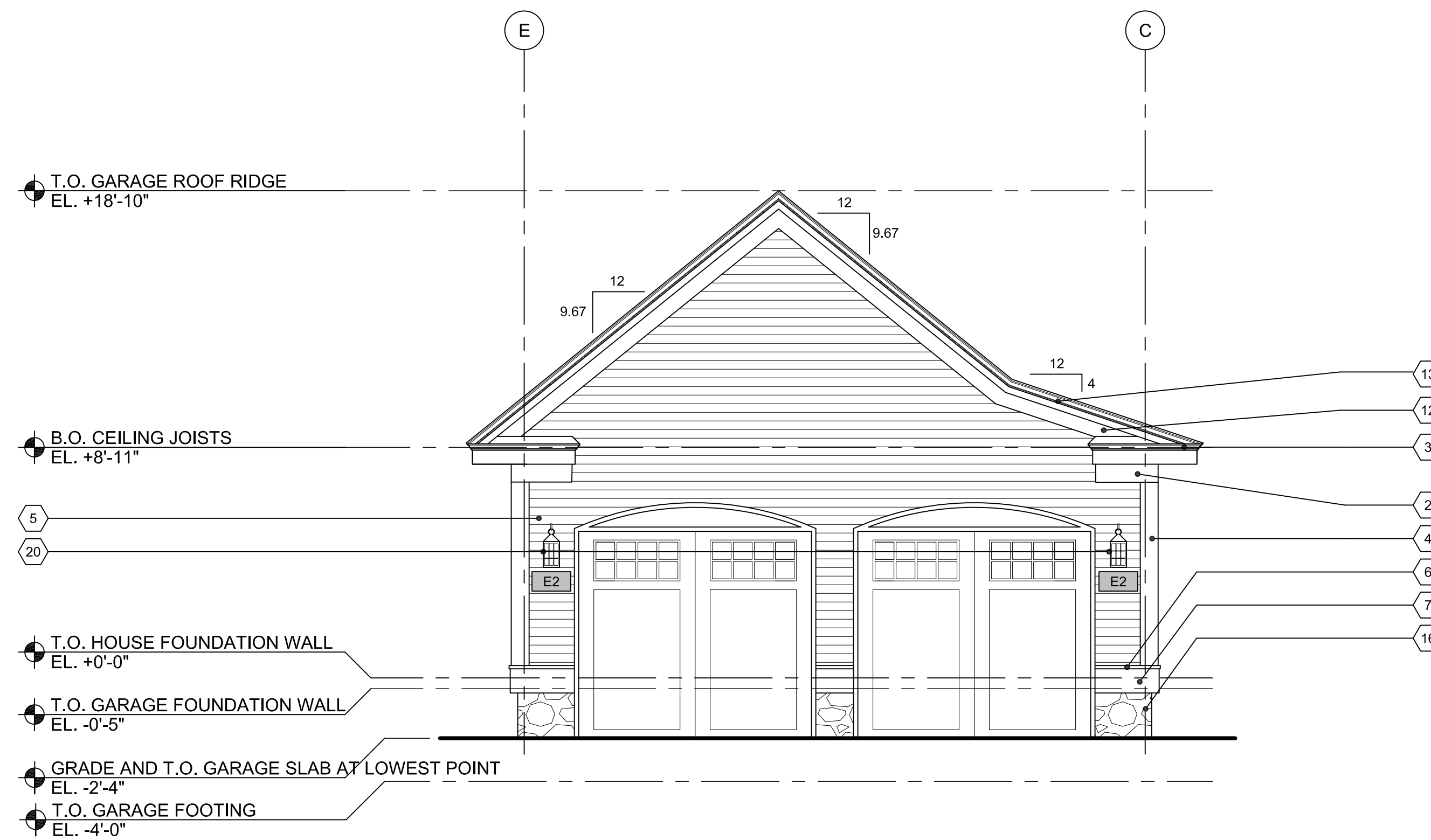
- ASPHALT ROOF SHINGLES
- 1" x 8" FRIEZE BOARD TRIM MOULDING
- 1/2" x 8" TRIM WITH 3" CROWN MOULDING
- 1" x 8" TRIM
- FIBER CEMENT SIDING, 4" EXPOSURE
- 2 x 2 TRIM
- 1/2" x 10" TRIM
- 1" x 4 1/2" WINDOW TRIM
- BUILT-UP WINDOW CROWN
- 1" x 6" DOOR TRIM
- BUILT-UP DOOR CROWN
- 5/4 x 8 TRIM
- 1/2" x 6 RAKE EDGE TRIM WITH 3" CROWN MOULDING
- 1" x 8" BEAM TRIM
- EGRESS WINDOW WELL AND LADDER
- STONE VENEER AT GARAGE FOUNDATION WALL
- CONCRETE DECK
- CONCRETE WALL WITH STONE VENEER EDGES
- LOAD-BEARING COLUMN
- EXTERIOR LANTERN
- PV ARRAY
- SOLAR COLLECTOR (HOT WATER SYSTEM)
- SCREEN PANEL
- PREFABRICATED PILASTER
- FIBER CEMENT PANEL
- FIBER CEMENT TRIM
- 2" SILL
- KICK-OUT FLASHING
- ALUMINUM COIL STOCK COVERING

WINDOW KEY

- A. 3'-0" x 5'-5" DH
- B. 3'-2 1/2" x 5'-2" DH
- C. 2'-1" x 3'-7" DH
- D. 2'-8" x 2'-3" AWN
- E. 2'-3" x 4'-0" DH
- F. 3'-4" x 2'-3" AWN
- G. 3'-4" x 2'-7" AWN

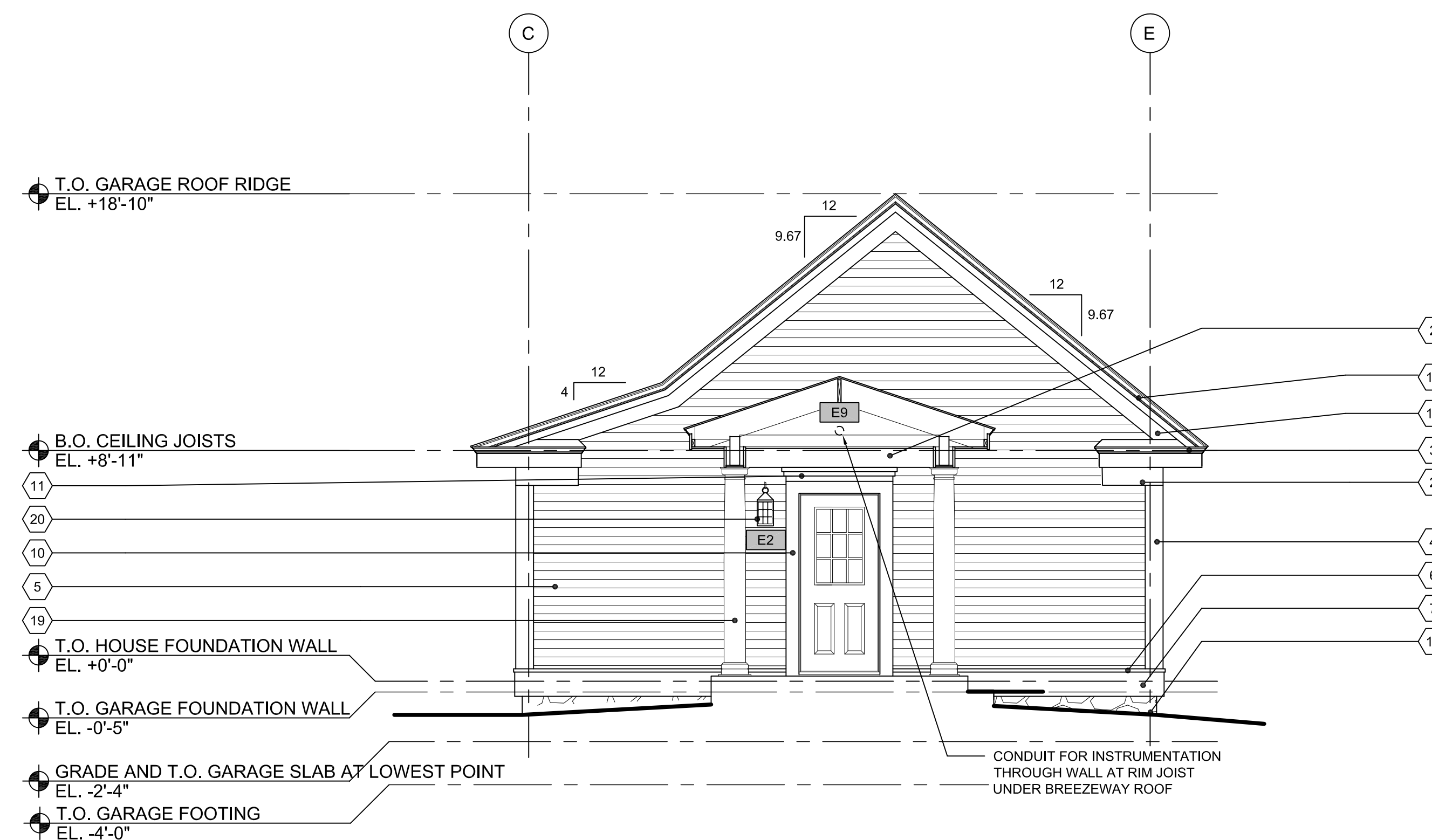
PENETRATION KEY

- E1. COLLECTOR PANEL CONDUIT
- E2. EXTERIOR LANTERN
- E3. WEATHER PROTECTED OUTLET
- E4. CONDUIT FOR FUTURE GAS FURNACE
- E5. DRYER VENT
- E6. RANGE HOOD VENT
- E7. HRV EXHAUST
- E8. HRV INLET
- E9. INSTRUMENTATION CONDUIT
- E10. CONDUIT FOR FUTURE GAS WATER HEATER
- E11. FUTURE MULTI-SPLIT OUTDOOR UNIT CONNECTION
- E12. HOSE BIBB
- F4. SUMP PUMP OUTLET
- F9. AIR-TO-AIR OUTDOOR UNIT CONNECTION
- F10. FUTURE AIR-TO-AIR OUTDOOR UNIT CONNECTION
- R1. PLUMBING STACK VENT
- R2. SOIL GAS VENT



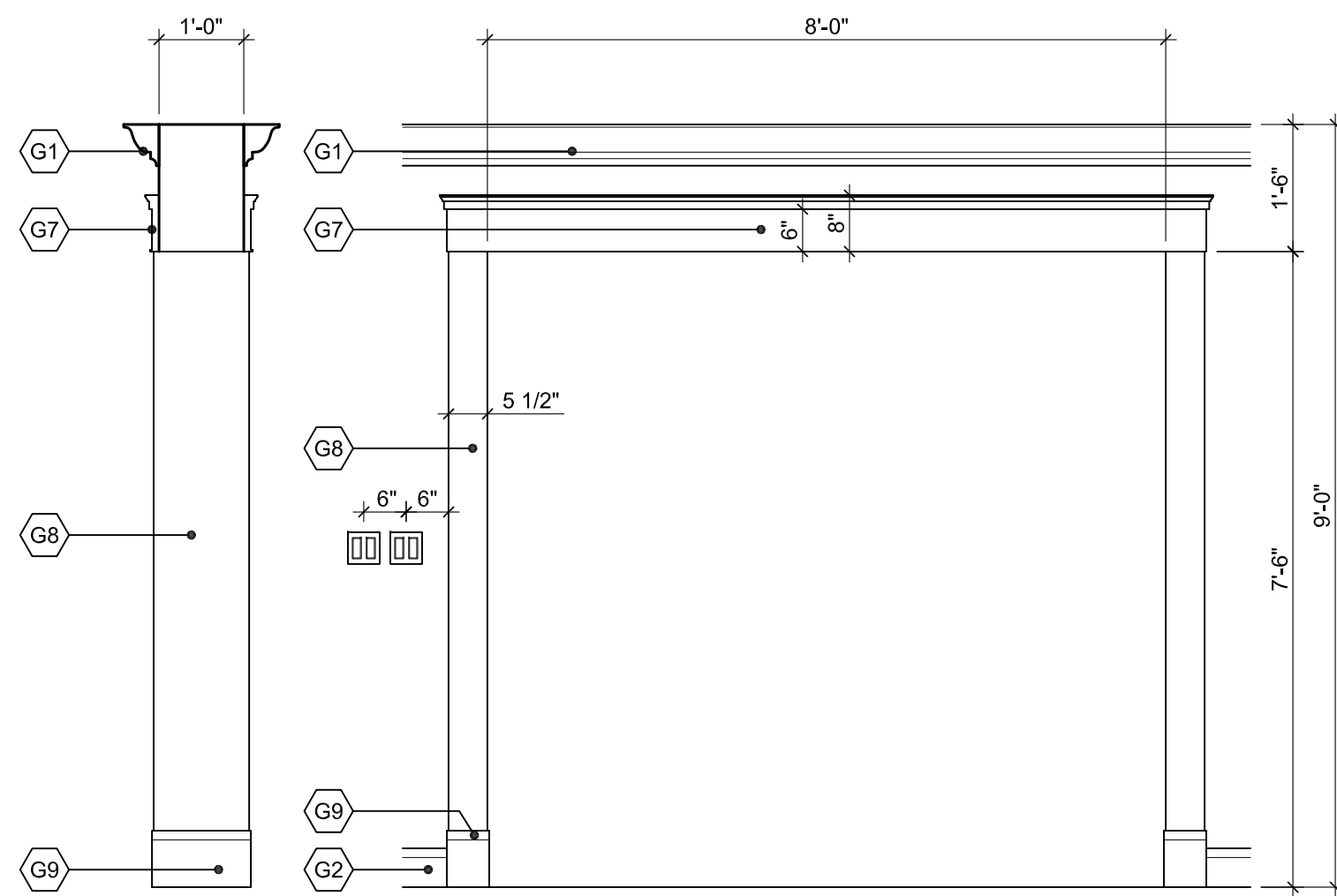
2 LEFT SIDE (WEST) GARAGE ELEVATION

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

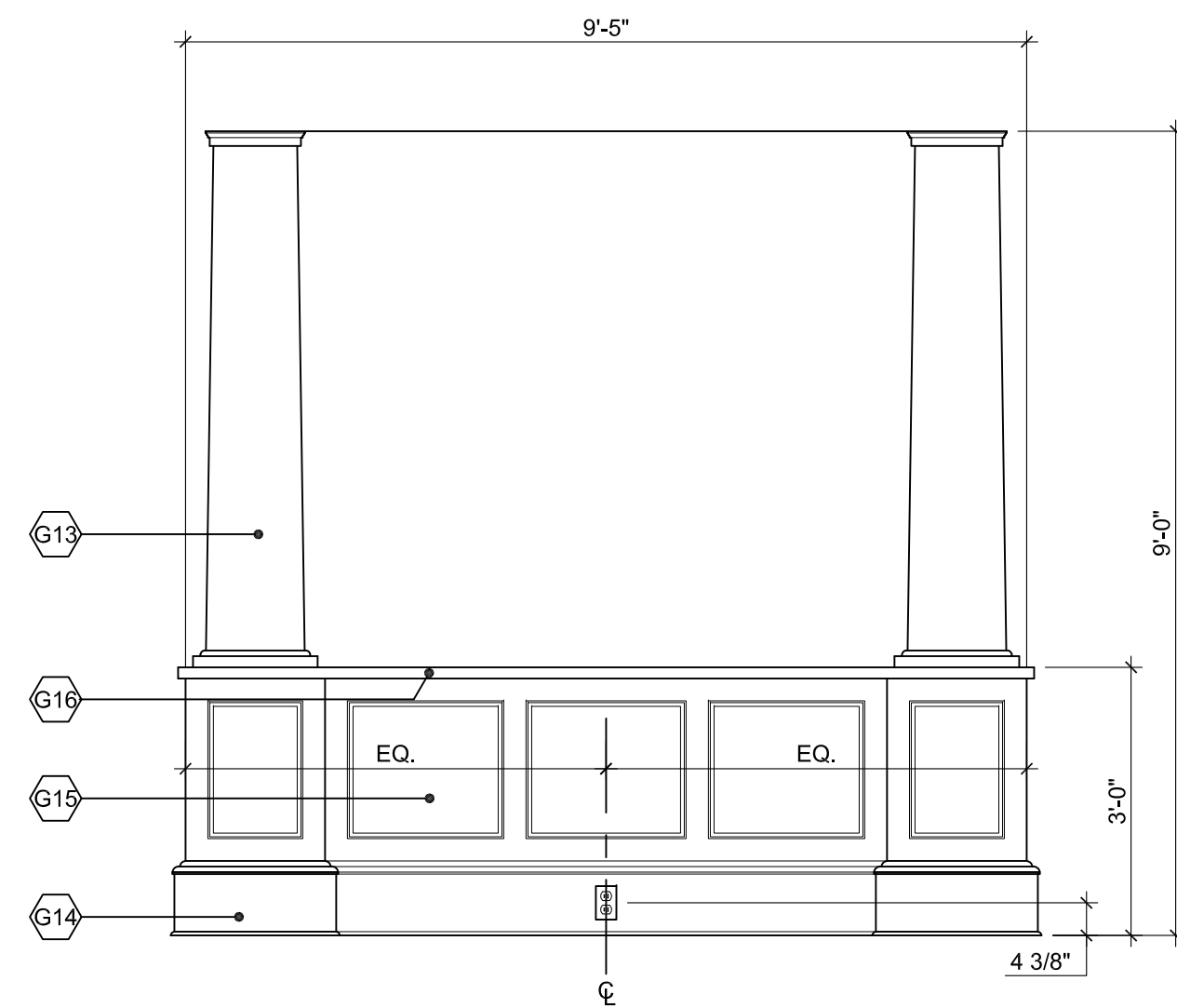


1 RIGHT SIDE (EAST) GARAGE ELEVATION

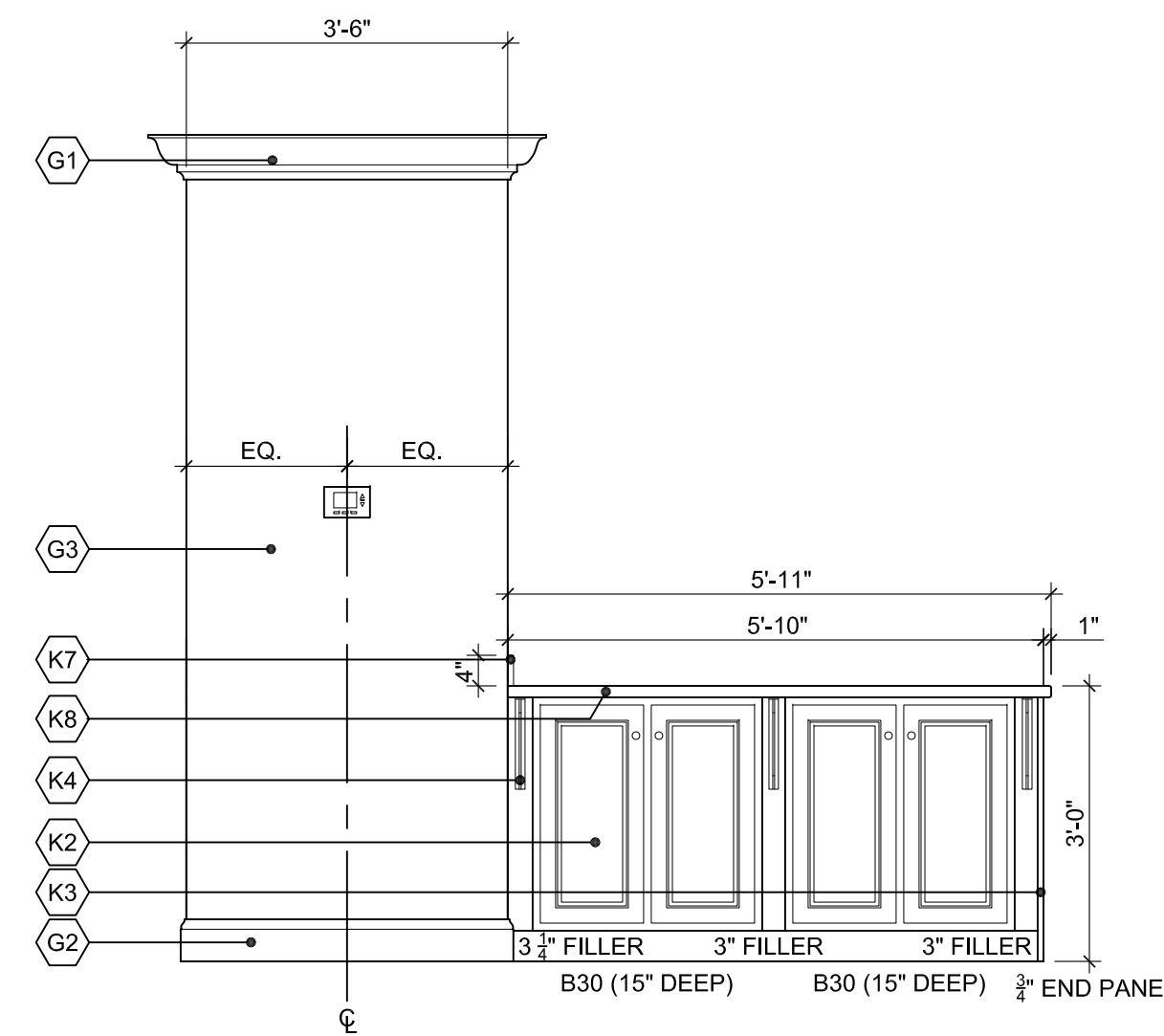
SCALE: 1/4" = 1'-0"



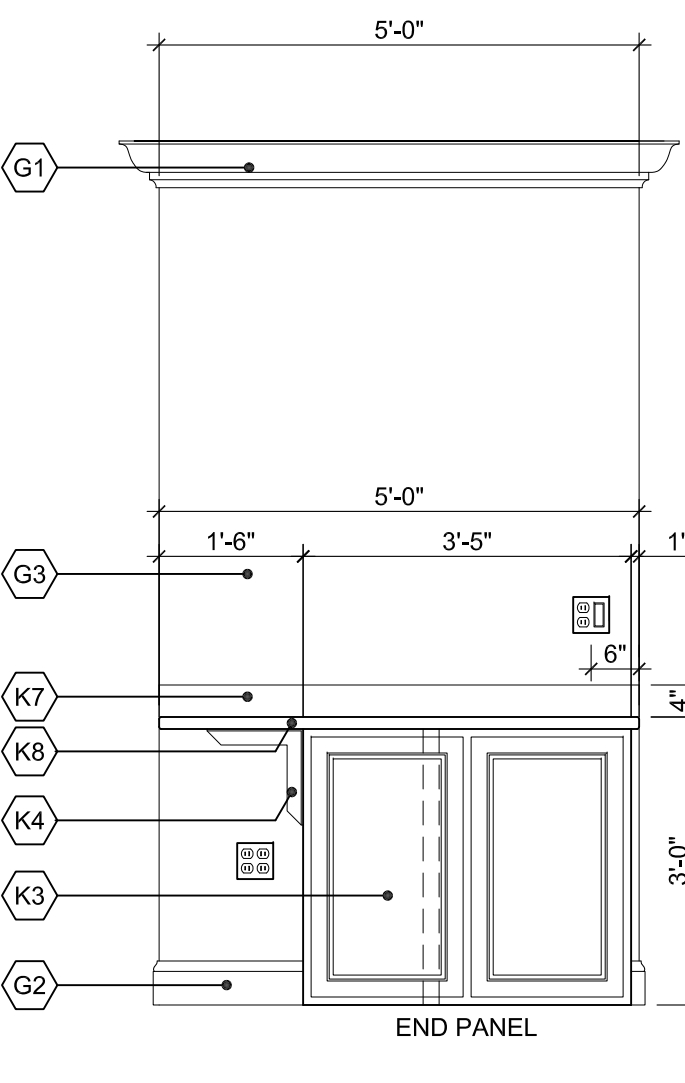
11 OPENING ELEVATION
SCALE: 1/2" = 1'-0"



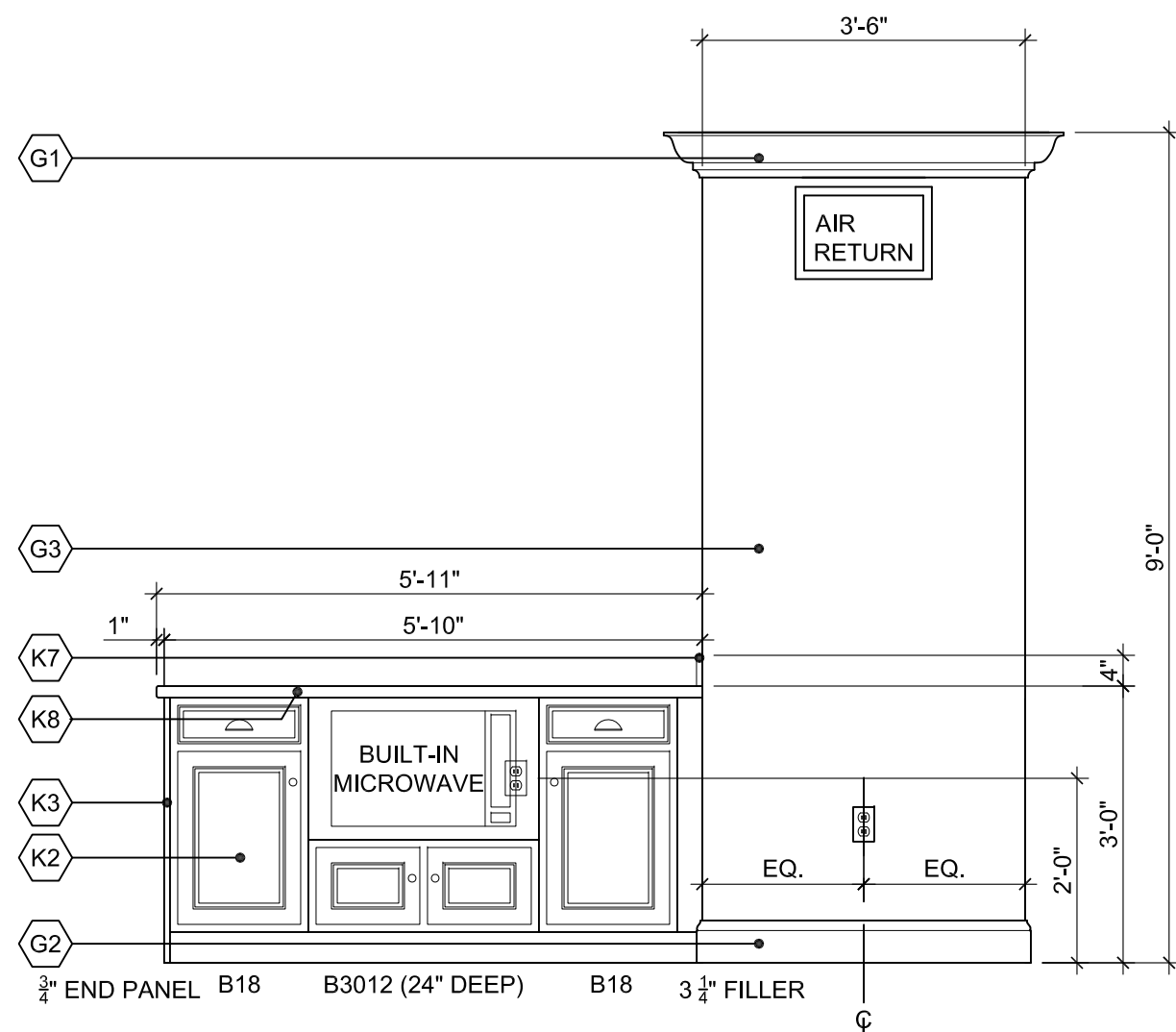
10 HALF WALL ELEVATION
SCALE: 1/2" = 1'-0"



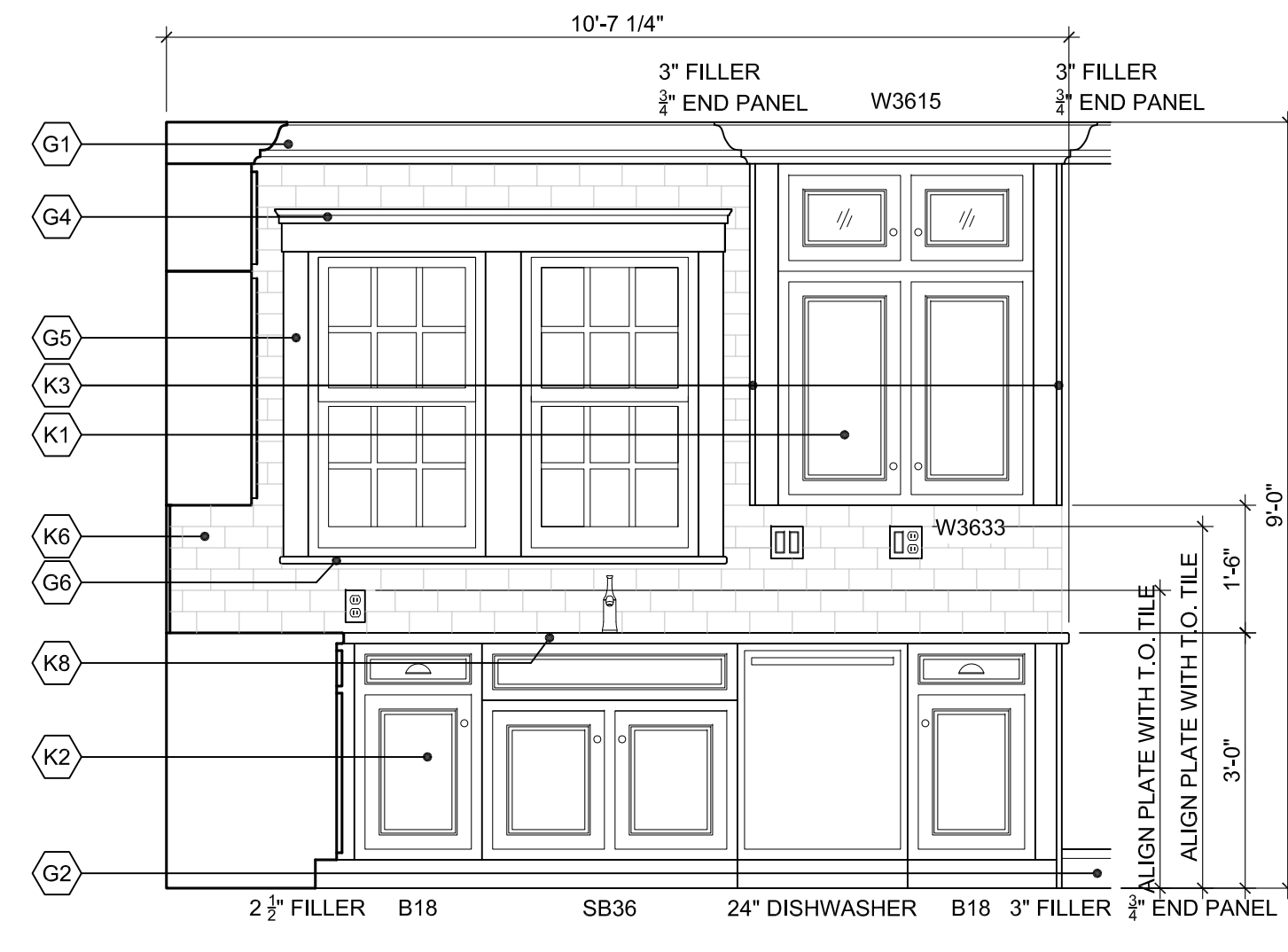
9 ISLAND ELEVATION
SCALE: 1/2" = 1'-0"



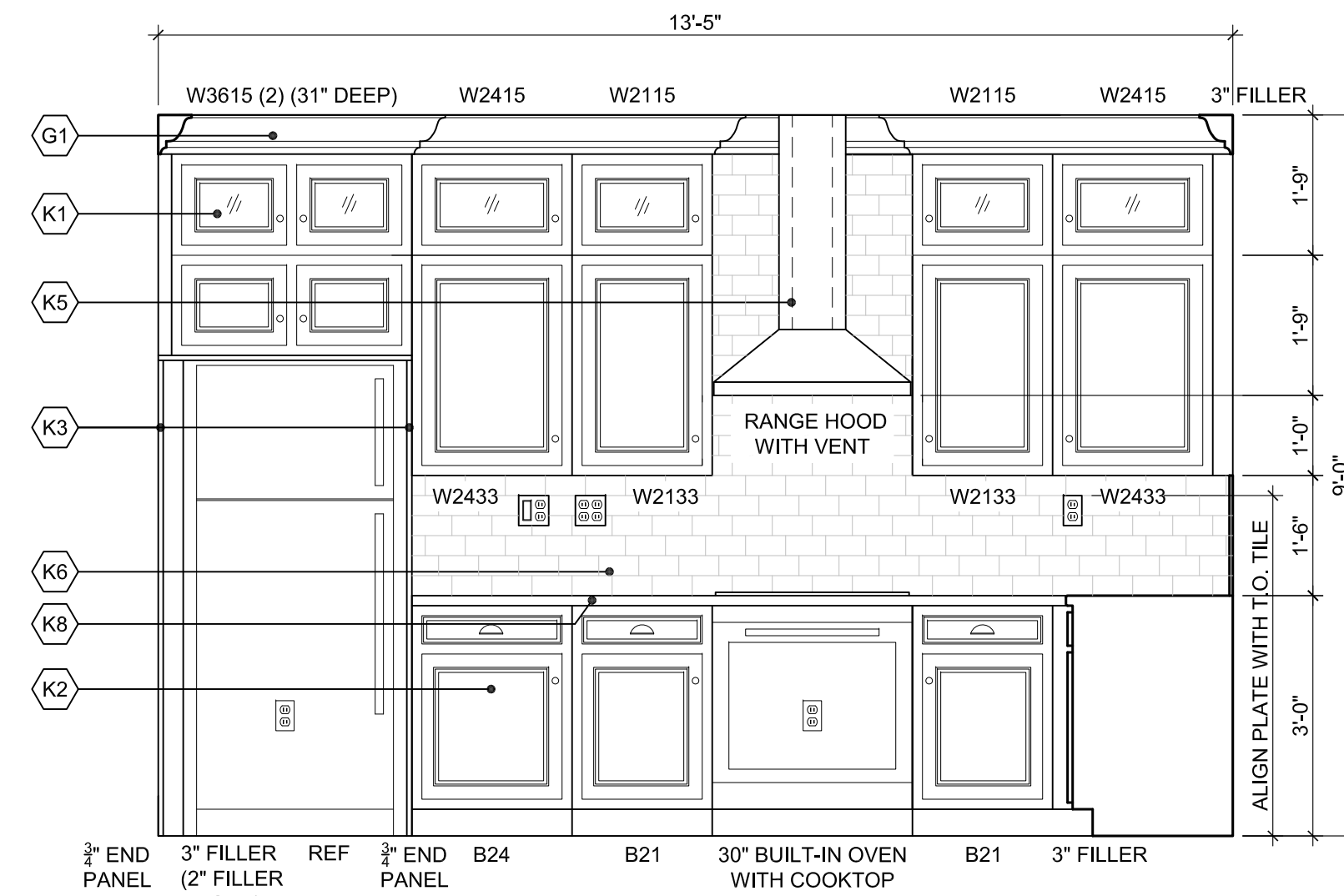
8 ISLAND ELEVATION
SCALE: 1/2" = 1'-0"



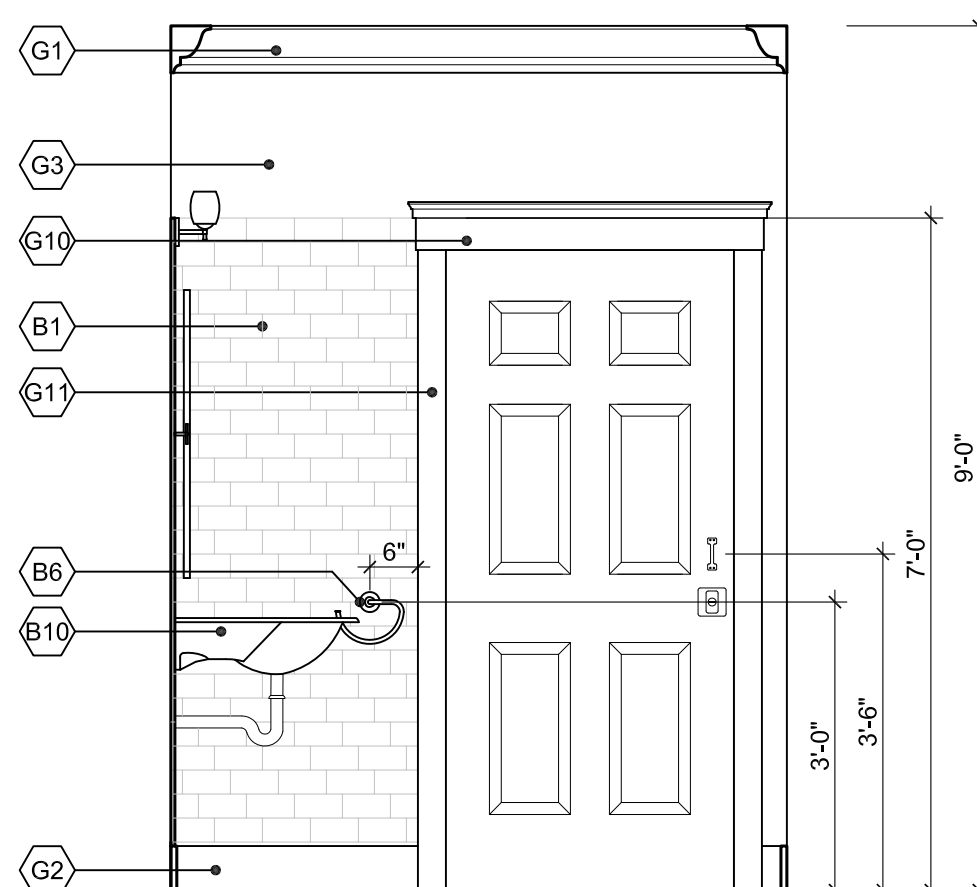
7 ISLAND ELEVATION
SCALE: 1/2" = 1'-0"



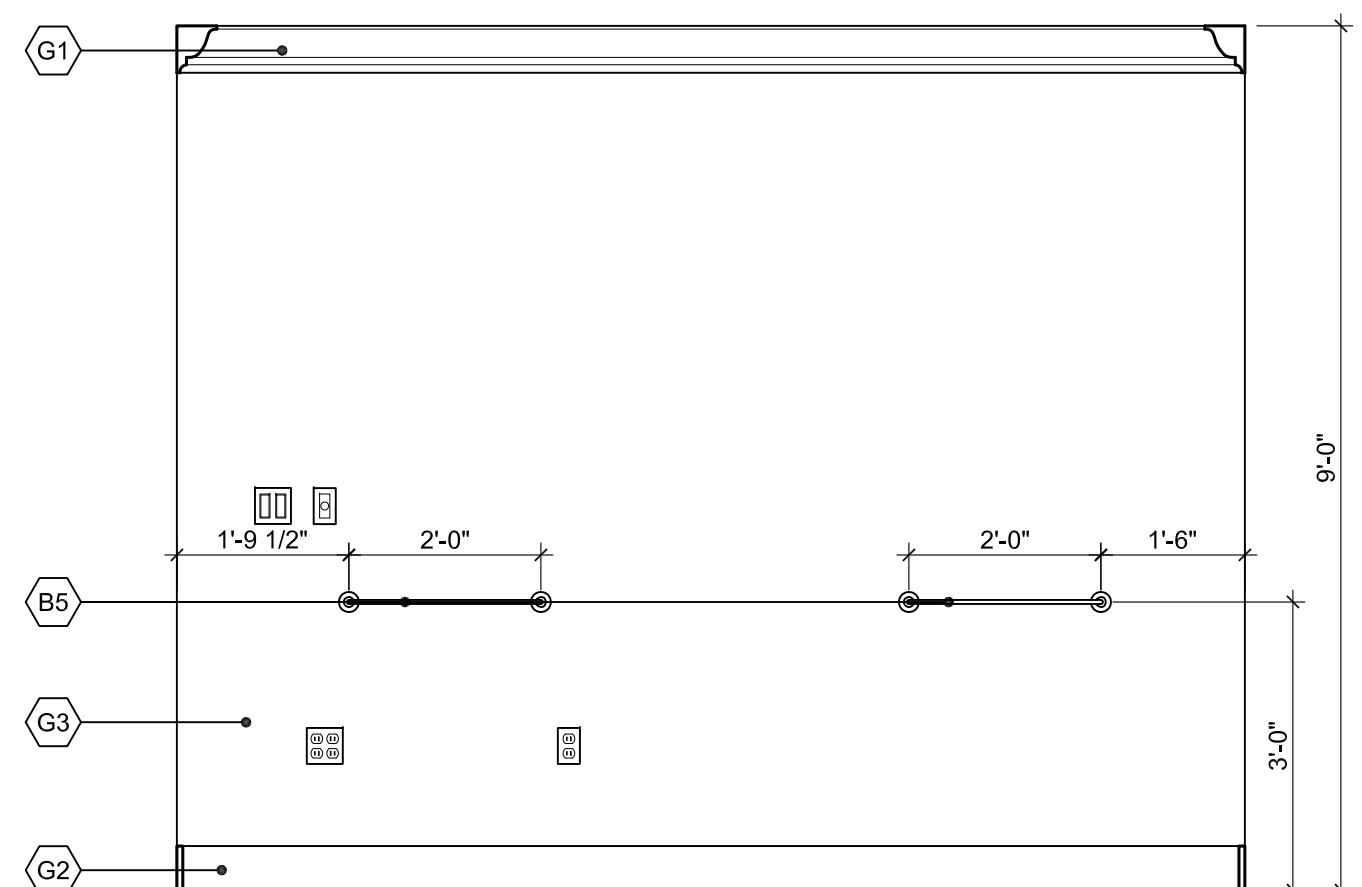
6 KITCHEN ELEVATION
SCALE: 1/2" = 1'-0"



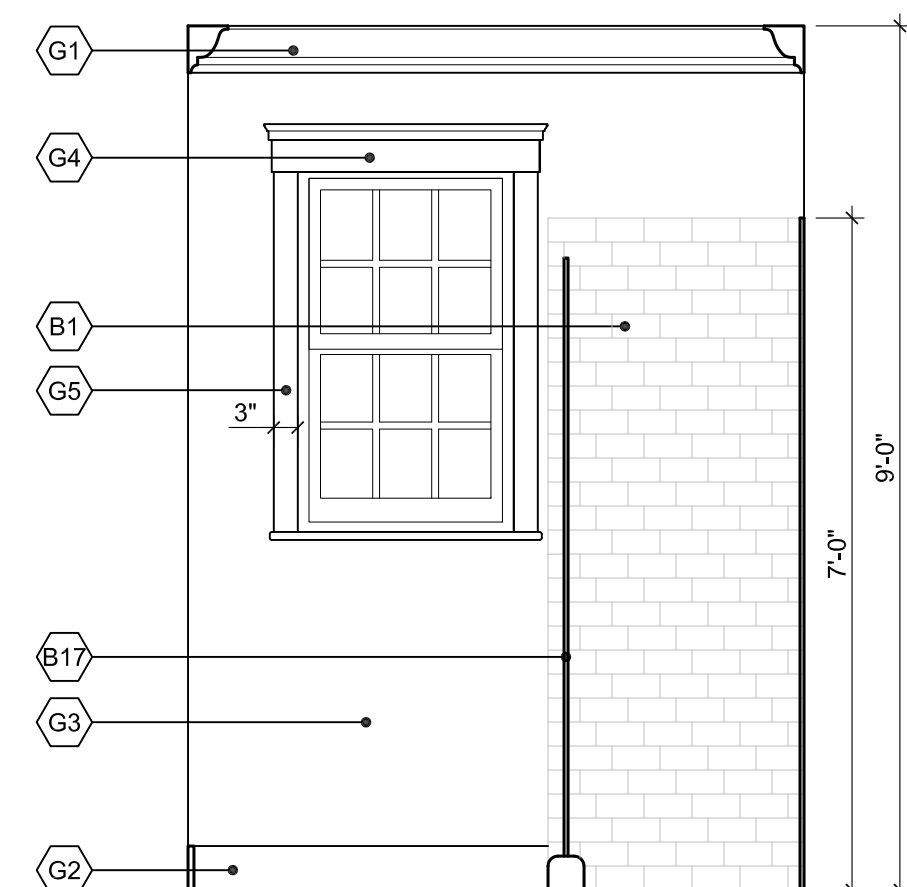
5 KITCHEN ELEVATION
SCALE: 1/2" = 1'-0"



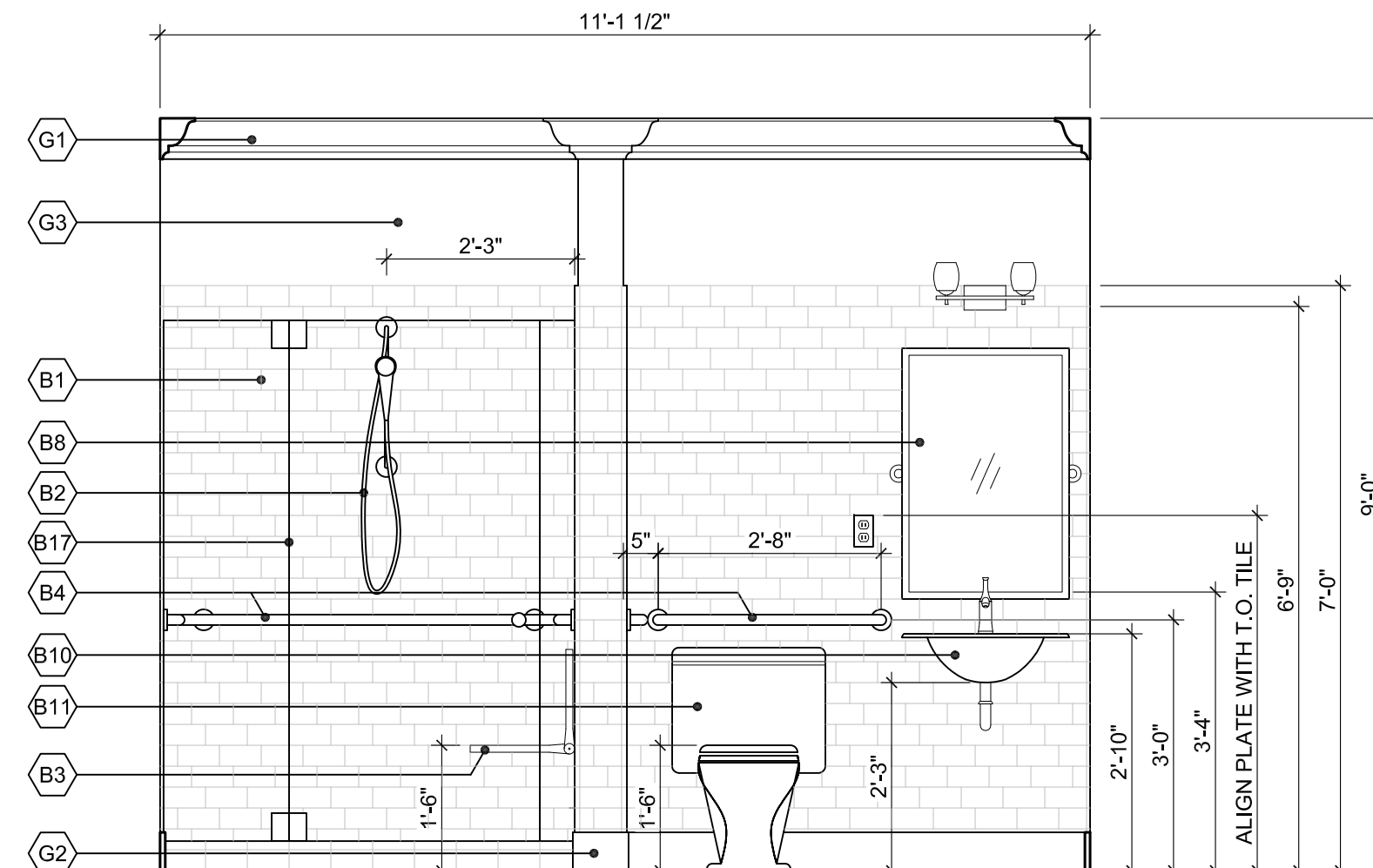
4 BATH #1 ELEVATION
SCALE: 1/2" = 1'-0"



3 BATH #1 ELEVATION
SCALE: 1/2" = 1'-0"



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



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

GENERAL SHEET NOTES

- ALL TROPICAL WOOD, IF USED, MUST BE FSC-CERTIFIED.
- SEE A-602 FOR FINISH SCHEDULE.
- ALIGN SWITCH AND RECEPTACLE PLATES WITH TOP OF TILE IN KITCHENS AND BATHROOMS.

SHEET KEYNOTES

- GENERAL:
- G1. CROWN MOULDING
 - G2. BASE MOULDING
 - G3. PAINTED WALL
 - G4. WINDOW HEAD TRIM
 - G5. 1x4 WINDOW JAMB TRIM
 - G6. WINDOW SILL TRIM
 - G7. CASING OPENING HEAD TRIM
 - G8. 1x6 CASING OPENING JAMB TRIM
 - G9. CASING OPENING BASE TRIM
 - G10. DOOR HEAD TRIM
 - G11. 1x4 DOOR JAMB TRIM
 - G12. INTERIOR DOOR
 - G13. BUILT-UP COLUMN
 - G14. COLUMN BASE TRIM
 - G15. WOOD PANEL
 - G16. WOOD CAP
 - G17. MANTLE
 - G18. MANTLE TRIM
 - G19. BASE CABINET
 - G20. WOOD SHELF
 - G21. 1"x4" DOOR HEAD TRIM

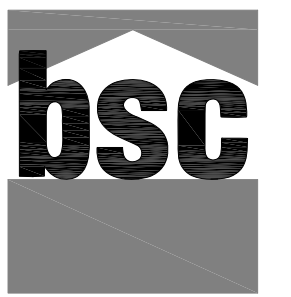
- BATH:
- B1. TILE
 - B2. HAND HELD SHOWER
 - B3. SHOWER SEAT
 - B4. GRAB BAR
 - B5. TOWEL BAR
 - B6. TOWEL RING
 - B7. TOILET PAPER HOLDER
 - B8. MIRROR
 - B9. FRAMELESS MIRROR
 - B10. ACCESSIBLE LAVATORY
 - B11. ACCESSIBLE TOILET
 - B12. TOILET
 - B13. BATHTUB
 - B14. VANITY BASE CABINET
 - B15. SOLID SURFACE BACKSPLASH
 - B16. SOLID SURFACE COUNTERTOP
 - B17. FRAMELESS GLASS SHOWER DOOR, TEMPERED
 - B18. SOLID SURFACE BATHTUB DECK
 - B19. 6" DEEP NICHE

- KITCHEN:
- K1. WALL CABINET
 - K2. BASE CABINET
 - K3. END PANEL
 - K4. SUPPORT BRACKET
 - K5. RANGE HOOD EXHAUST DUCT
 - K6. TILE BACKSPLASH
 - K7. SOLID SURFACE BACKSPLASH
 - K8. SOLID SURFACE COUNTERTOP

- STAIR:
- S1. WOOD HANDRAIL
 - S2. WOOD BALUSTER
 - S3. WOOD TREAD
 - S4. WOOD TRIM
 - S5. WOOD STRINGER
 - S6. WOOD POST

- SCREEN PORCH:
- P1. EXTERIOR WATER TABLE
 - P2. PORCH DOOR
 - P3. EXTERIOR FIBER CEMENT LAP SIDING
 - P4. 1/2" x 6" DOOR TRIM
 - P5. 1/2" TRIM BOARD
 - P6. 3" CROWN
 - P7. 5 1/2" BASE
 - P8. FIBER CEMENT PANEL BOARD
 - P9. 3/4" WALL CAP
 - P10. SCREEN PANEL
 - P11. SCREEN DOOR
 - P12. 3 1/2" TRIM
 - P13. 10" TRIM BOARD W/ INSET PANEL
 - P14. 2 1/2" BEADBOARD
 - P15. TRIM BOARD

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PROJECT:

National Institute of Standards and Technology

NET ZERO ENERGY RESIDENTIAL TEST FACILITY

NIST Campus Gaithersburg, MD



U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

MARK	DATE	DESCRIPTION
ISSUE:	03/31/10	ISSUED FOR CONSTRUCTION

PROJECT NO: NIST NZERTF
CAD DWG FILE: A-PLOT-ELEV-NZERTF
DRAWN BY: KG, HW
CHECKED BY: BP

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SHEET TITLE:

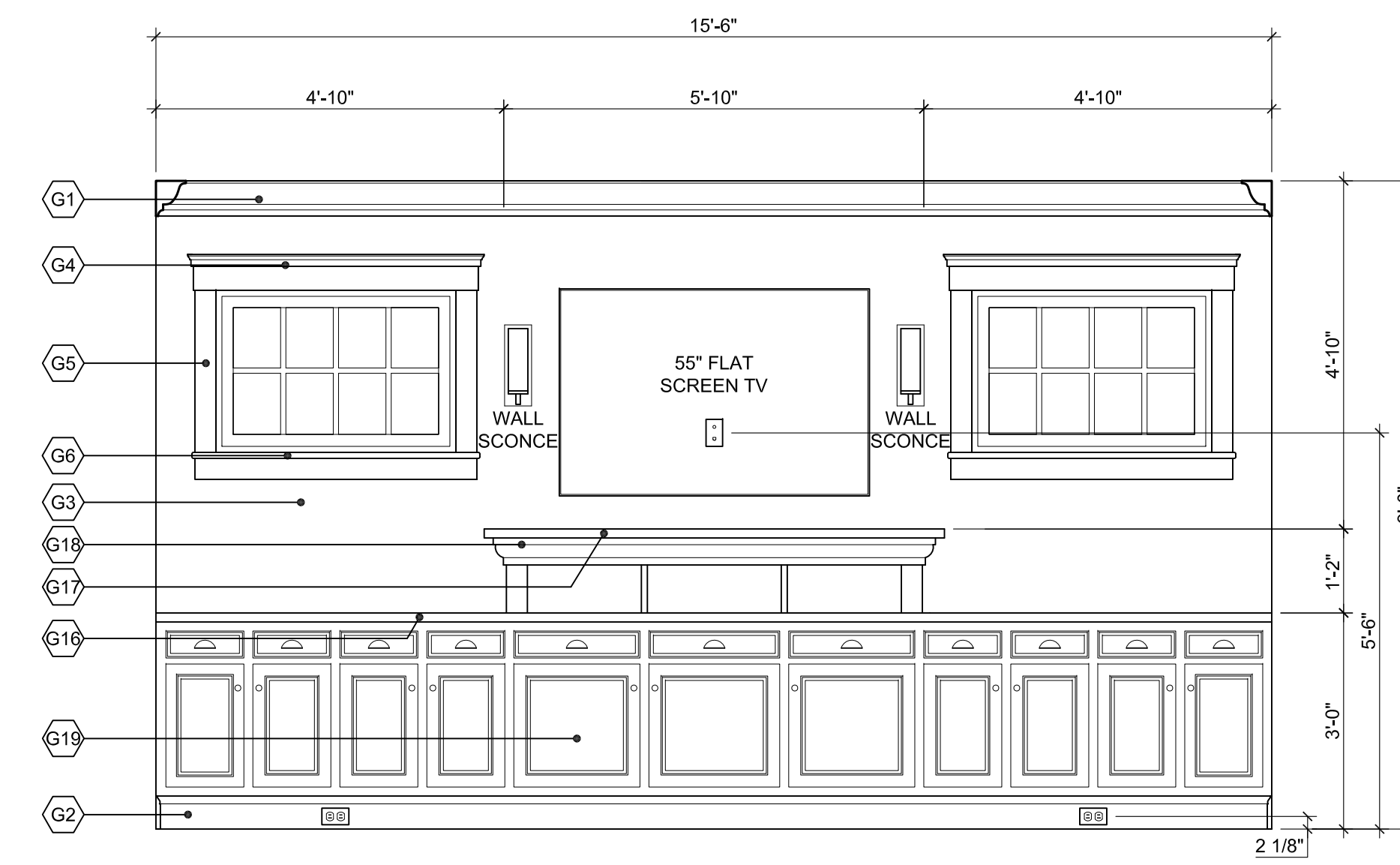
INTERIOR ELEVATIONS

SCALE AS NOTED

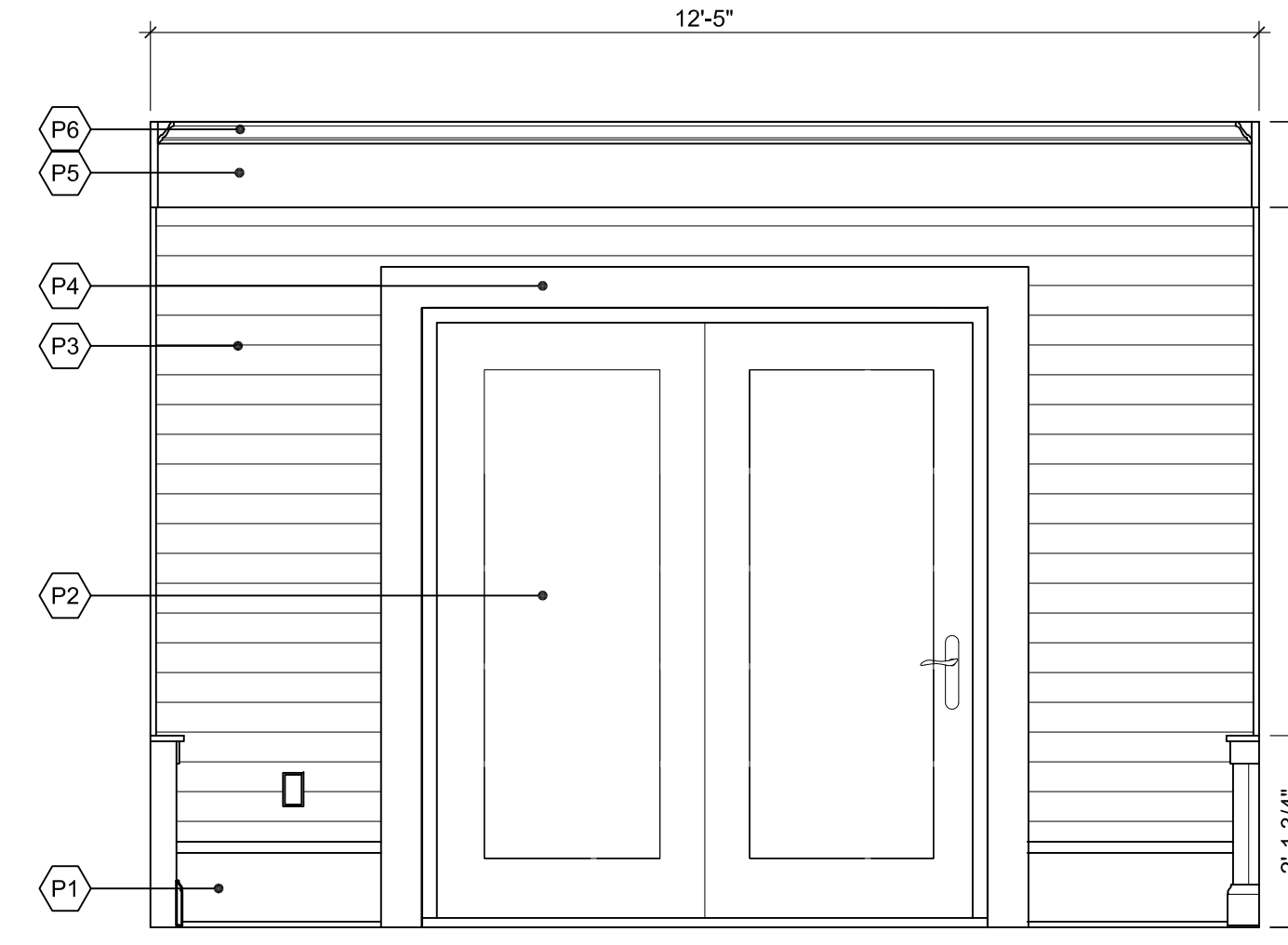
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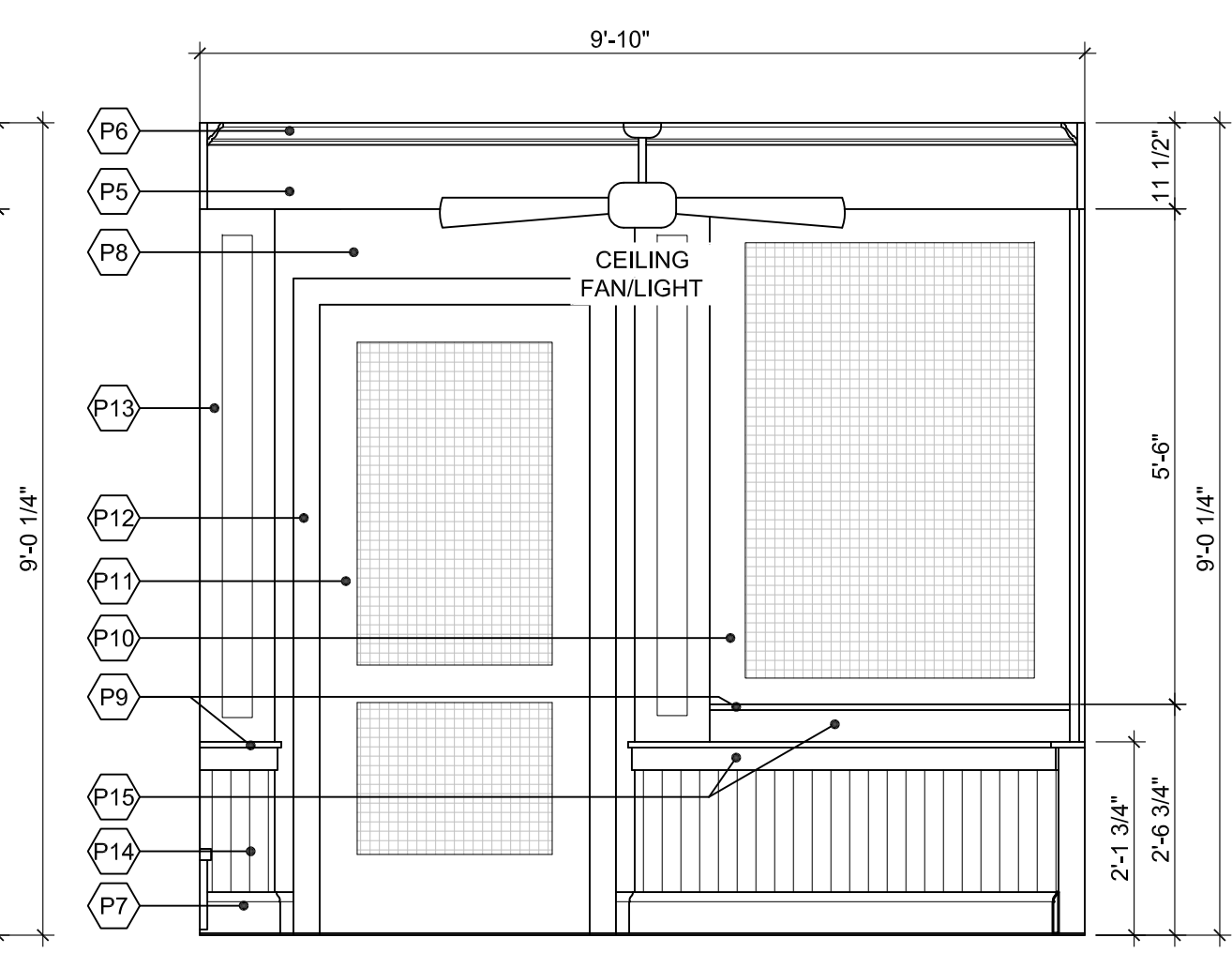
7 LIVING ROOM ELEVATION
SCALE: 1/2" = 1'-0"



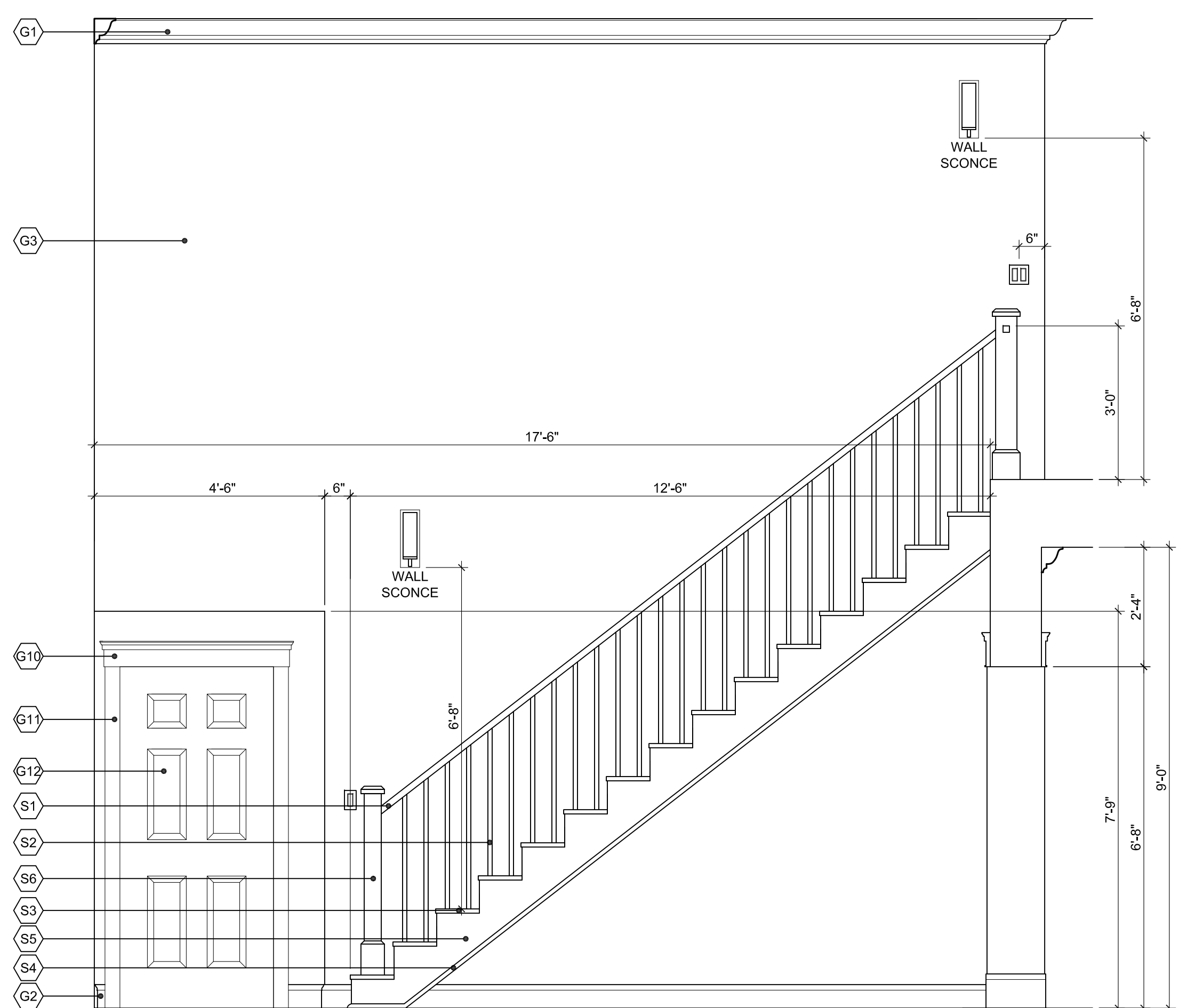
6 LIVING ROOM ELEVATION
SCALE: 1/2" = 1'-0"



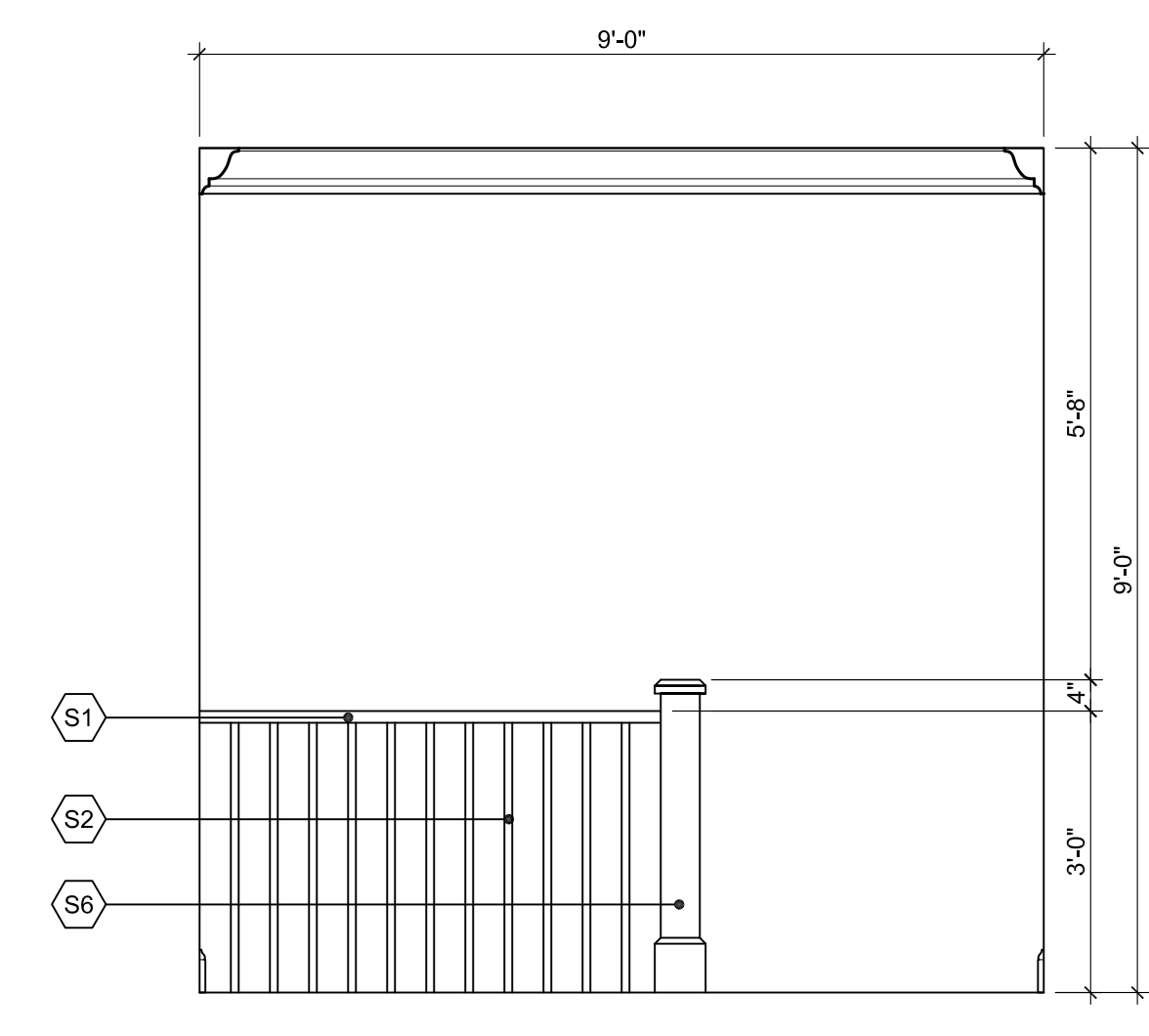
5 SCREEN PORCH ELEVATION
SCALE: 1/2" = 1'-0"



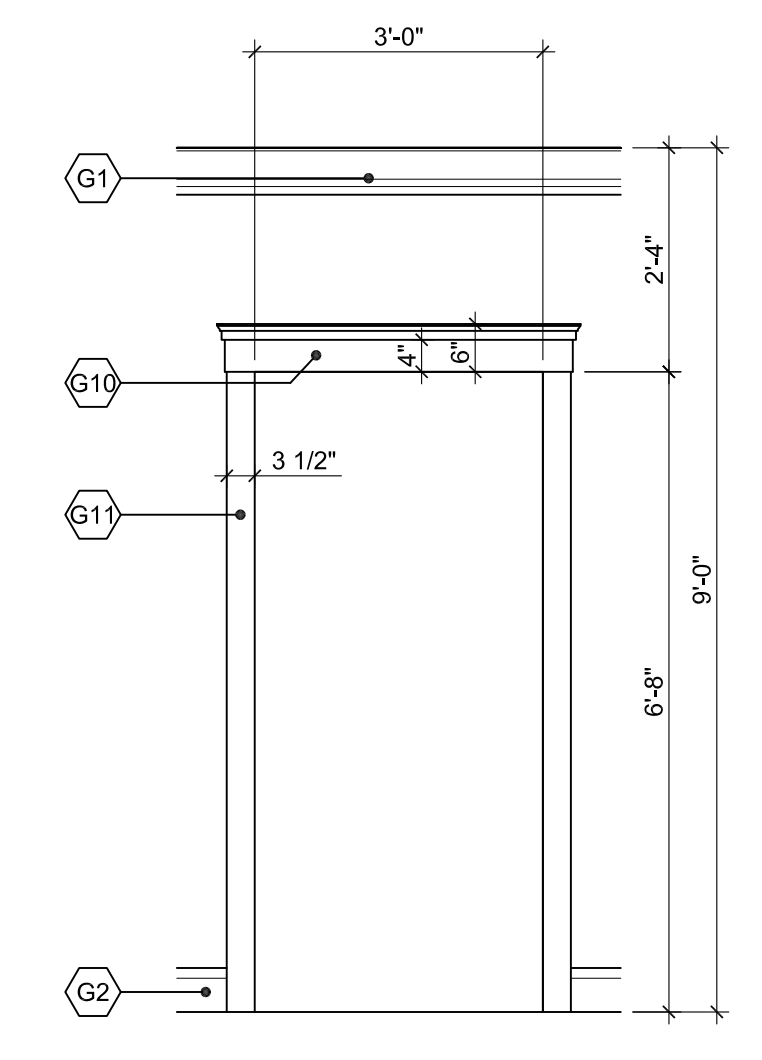
4 SCREEN PORCH ELEVATION
SCALE: 1/2" = 1'-0"



3 STAIR ELEVATION
SCALE: 1/2" = 1'-0"



2 BALCONY ELEVATION
SCALE: 1/2" = 1'-0"



1 OPENING ELEVATION
SCALE: 1/2" = 1'-0"

GENERAL SHEET NOTES

- ALL TROPICAL WOOD, IF USED, MUST BE FSC-CERTIFIED.
- SEE A-602 FOR FINISH SCHEDULE.
- ALIGN SWITCH AND RECEPTACLE PLATES WITH TOP OF TILE IN KITCHENS AND BATHROOMS.

SHEET KEYNOTES

- GENERAL:**
- G1. CROWN MOULDING
 - G2. BASE MOULDING
 - G3. PAINTED WALL
 - G4. WINDOW HEAD TRIM
 - G5. 1x4 WINDOW JAMB TRIM
 - G6. WINDOW SILL TRIM
 - G7. CASED OPENING HEAD TRIM
 - G8. 1x6 CASED OPENING JAMB TRIM
 - G9. CASED OPENING BASE TRIM
 - G10. DOOR HEAD TRIM
 - G11. 1x4 DOOR JAMB TRIM
 - G12. INTERIOR DOOR
 - G13. BUILT-UP COLUMN
 - G14. COLUMN BASE TRIM
 - G15. WOOD PANEL
 - G16. WOOD CAP
 - G17. MANTLE
 - G18. MANTLE TRIM
 - G19. BASE CABINET
 - G20. WOOD SHELF
 - G21. 1"x4" DOOR HEAD TRIM
- BATH:**
- B1. TILE
 - B2. HAND HELD SHOWER
 - B3. SHOWER SEAT
 - B4. GRAB BAR
 - B5. TOWEL BAR
 - B6. TOWEL RING
 - B7. TOILET PAPER HOLDER
 - B8. MIRROR
 - B9. FRAMELESS MIRROR
 - B10. ACCESSIBLE LAVATORY
 - B11. ACCESSIBLE TOILET
 - B12. TOILET
 - B13. BATHTUB
 - B14. VANITY BASE CABINET
 - B15. SOLID SURFACE BACKSPASH
 - B16. SOLID SURFACE COUNTERTOP
 - B17. FRAMELESS GLASS SHOWER DOOR, TEMPERED
 - B18. SOLID SURFACE BATHTUB DECK
 - B19. 6" DEEP NICHE
- KITCHEN:**
- K1. WALL CABINET
 - K2. BASE CABINET
 - K3. END PANEL
 - K4. SUPPORT BRACKET
 - K5. RANGE HOOD EXHAUST DUCT
 - K6. TILE BACKSPASH
 - K7. SOLID SURFACE BACKSPASH
 - K8. SOLID SURFACE COUNTERTOP
- STAIR:**
- S1. WOOD HANDRAIL
 - S2. WOOD BALUSTER
 - S3. WOOD TREAD
 - S4. WOOD TRIM
 - S5. WOOD STRINGER
 - S6. WOOD POST
- SCREEN PORCH:**
- P1. EXTERIOR WATER TABLE
 - P2. PORCH DOOR
 - P3. EXTERIOR FIBER CEMENT LAP SIDING
 - P4. 5/8" x 6" DOOR TRIM
 - P5. 1/2" TRIM BOARD
 - P6. 3" CROWN
 - P7. 5 1/2" BASE
 - P8. FIBER CEMENT PANEL BOARD
 - P9. 3/4" WALL CAP
 - P10. SCREEN PANEL
 - P11. SCREEN DOOR
 - P12. 3 1/2" TRIM
 - P13. 10" TRIM BOARD W/ INSET PANEL
 - P14. 2 1/2" BEADBOARD
 - P15. TRIM BOARD

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U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

MARK	DATE	DESCRIPTION
ISSUE:	03/31/10	ISSUED FOR CONSTRUCTION

PROJECT NO:	NIST NZERTF
CAD DWG FILE:	A-PLOT-ELEV-NZERTF
DRAWN BY:	KG, HW
CHECKED BY:	BP

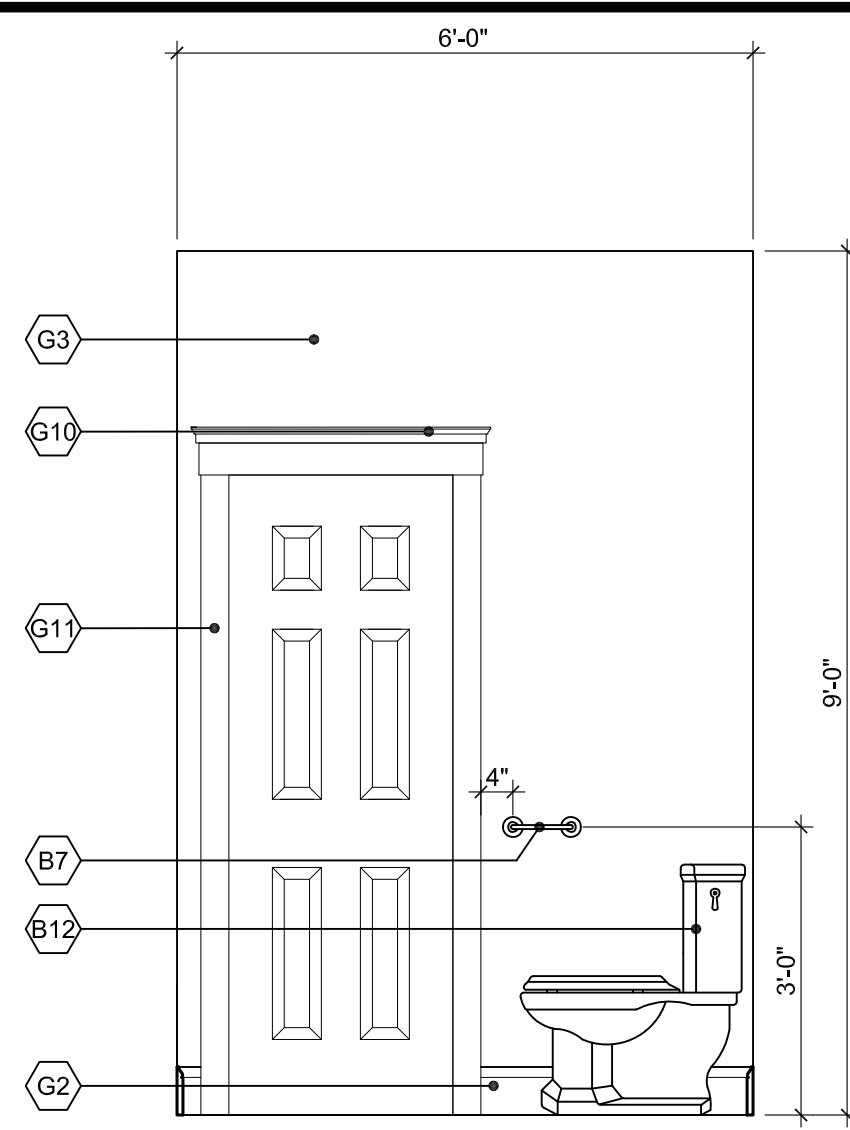
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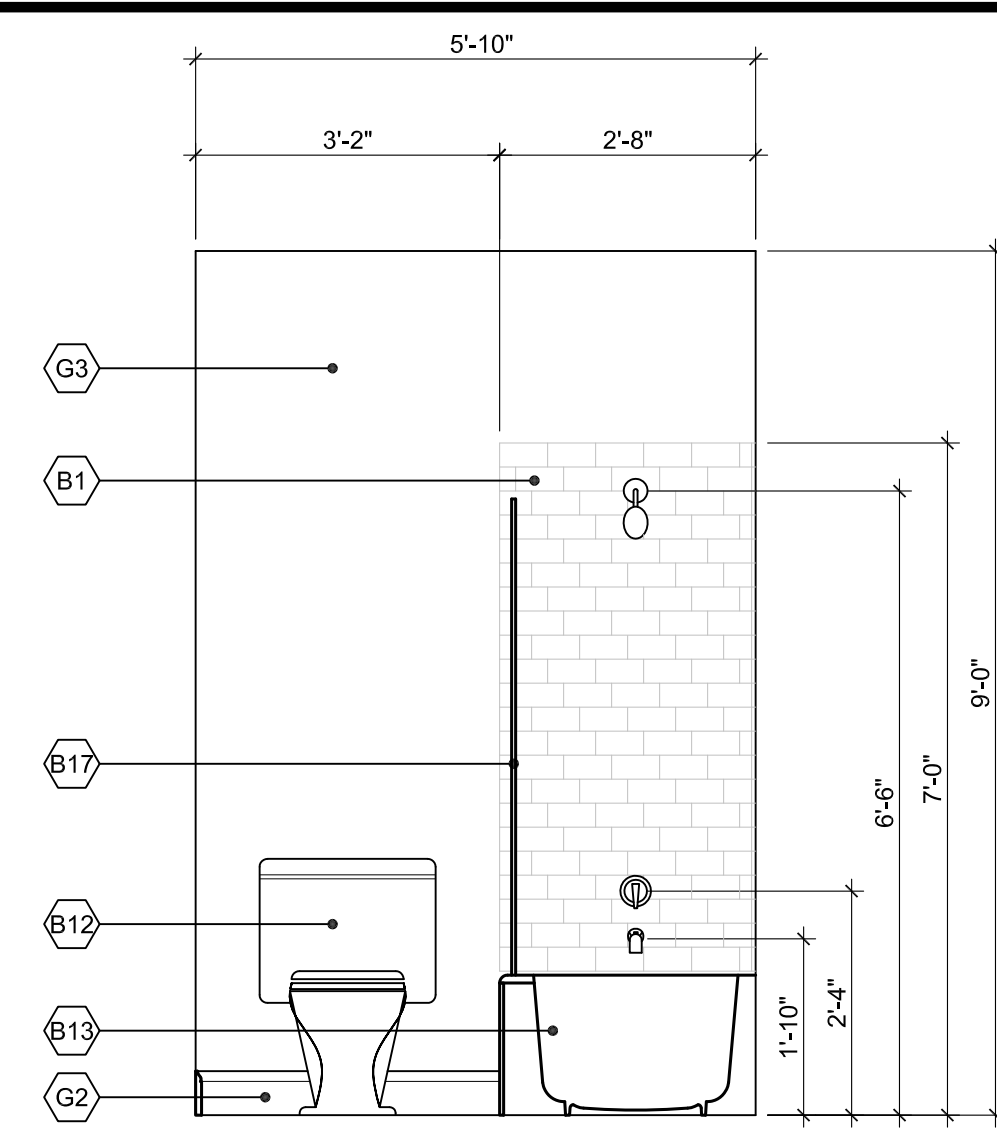
INTERIOR ELEVATIONS

SCALE AS NOTED

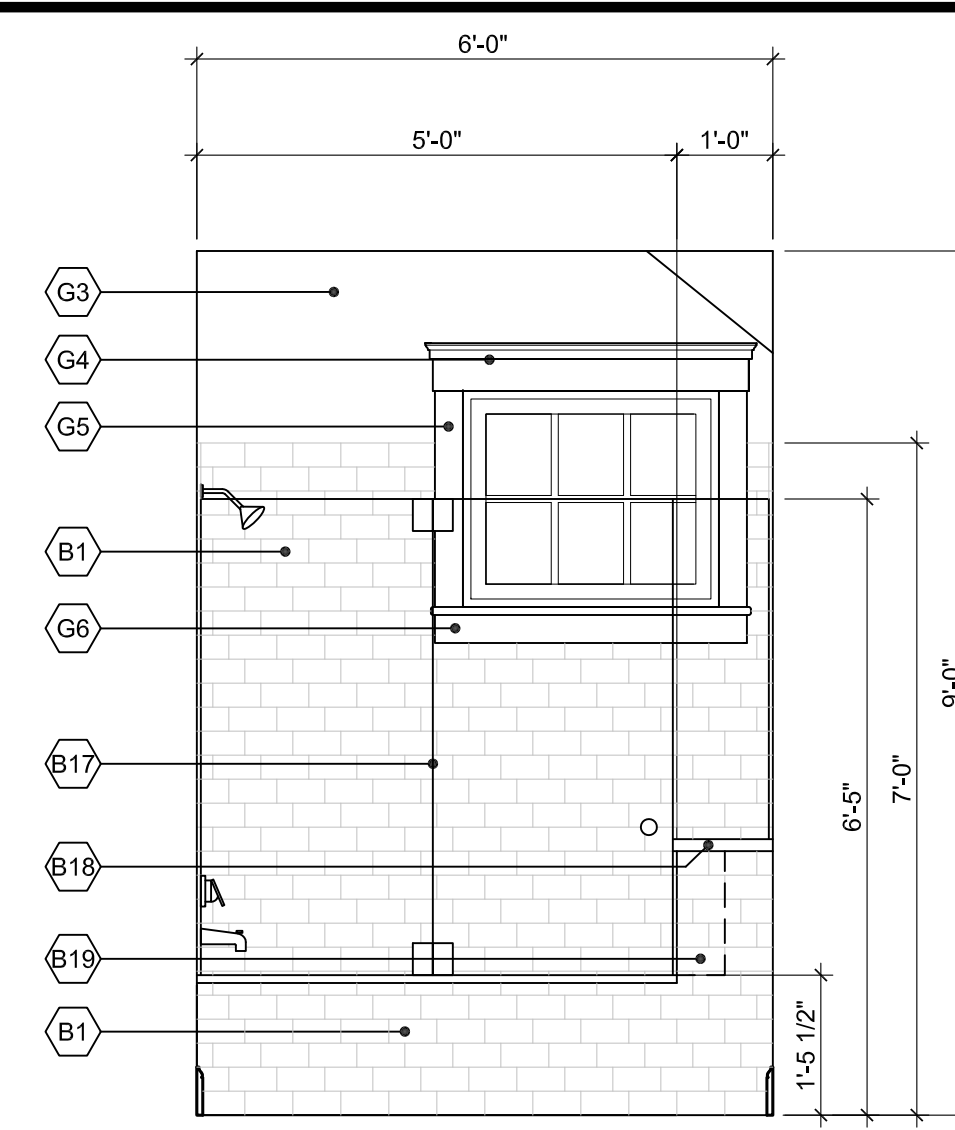
A-205



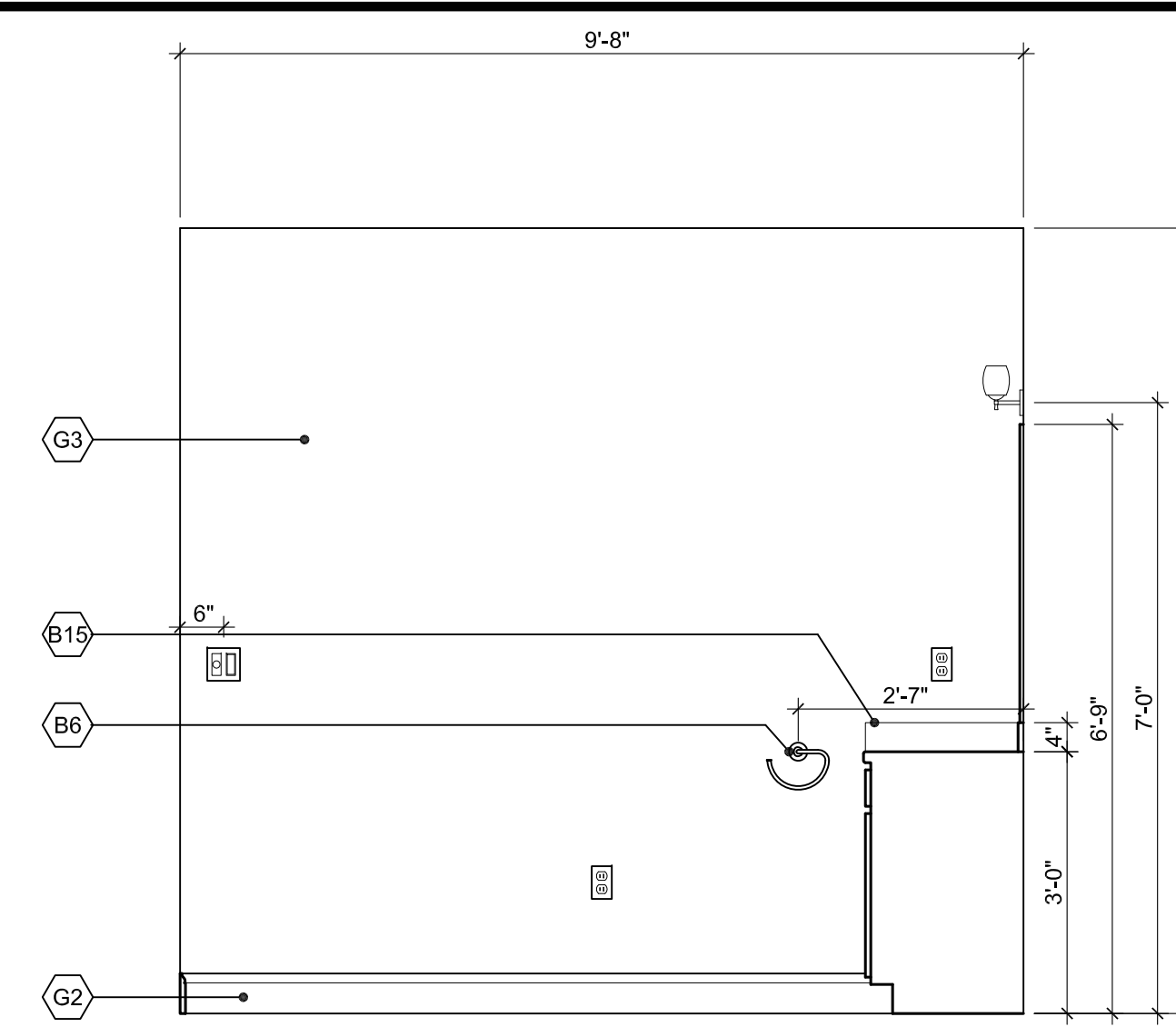
11 BATH #2 ELEVATION
SCALE: 1/2" = 1'-0"



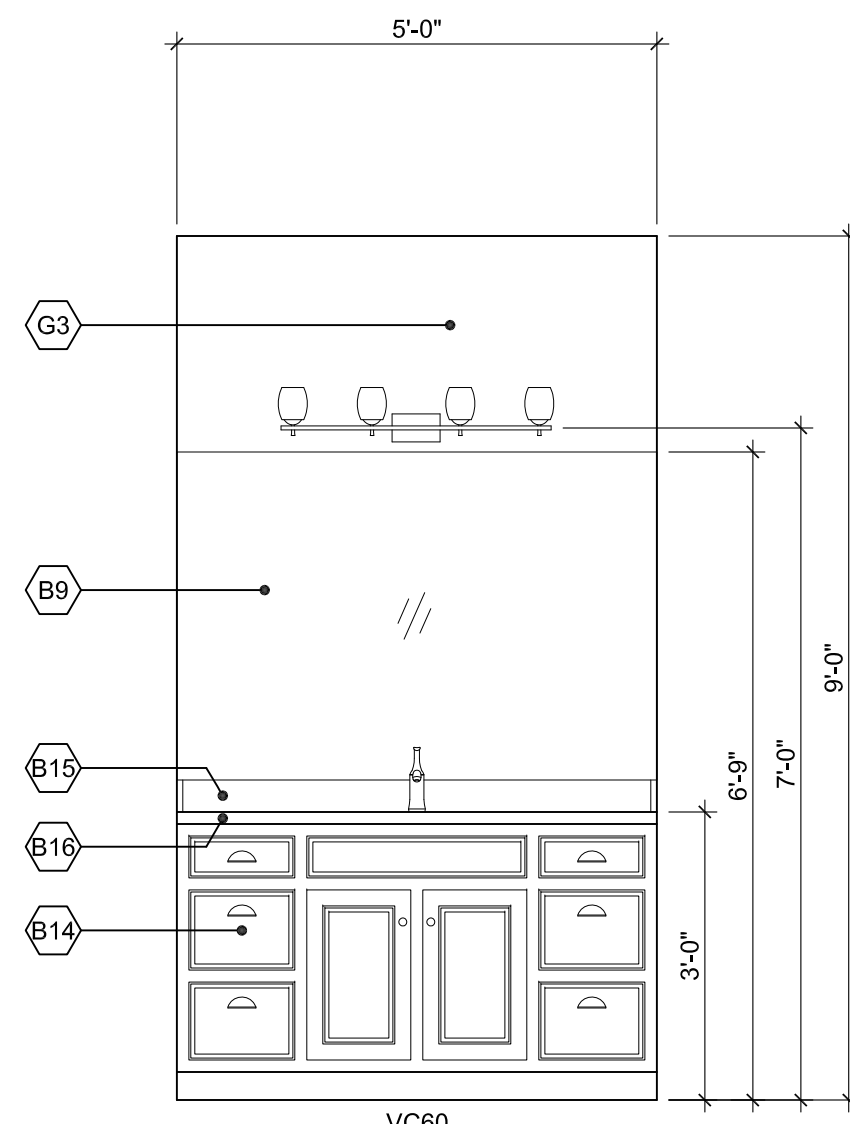
10 BATH #2 ELEVATION
SCALE: 1/2" = 1'-0"



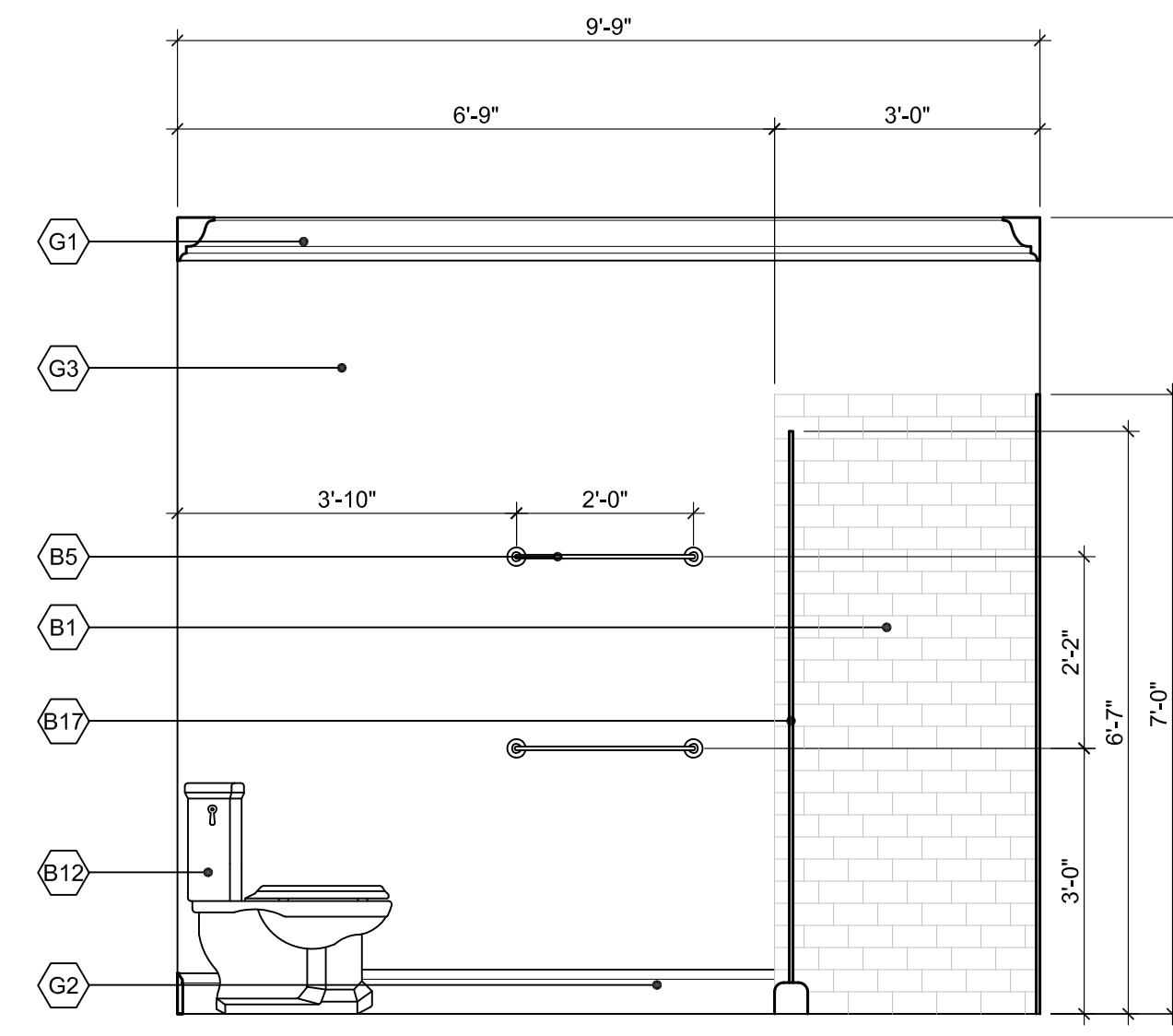
9 BATH #2 ELEVATION
SCALE: 1/2" = 1'-0"



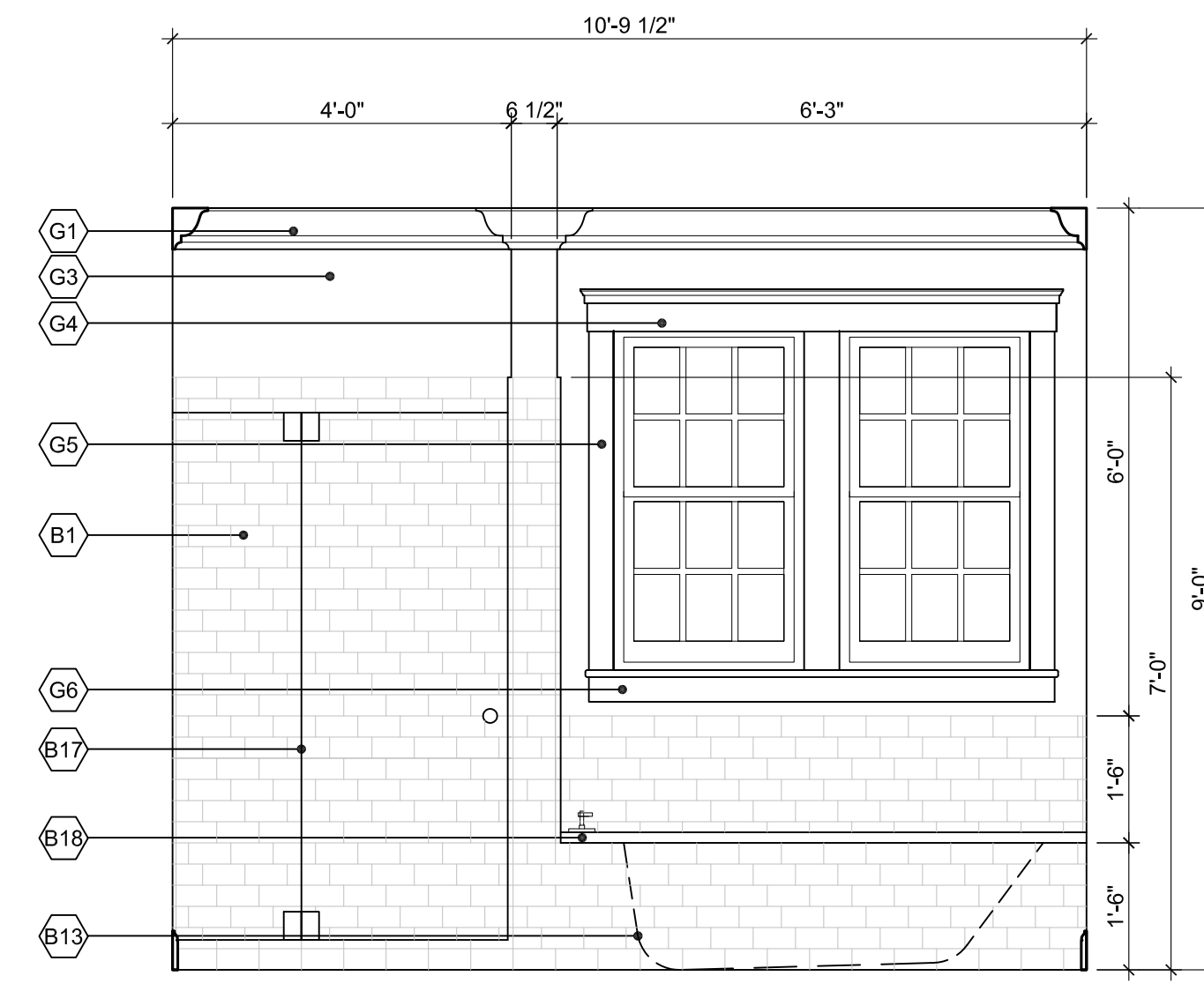
8 BATH #2 ELEVATION
SCALE: 1/2" = 1'-0"



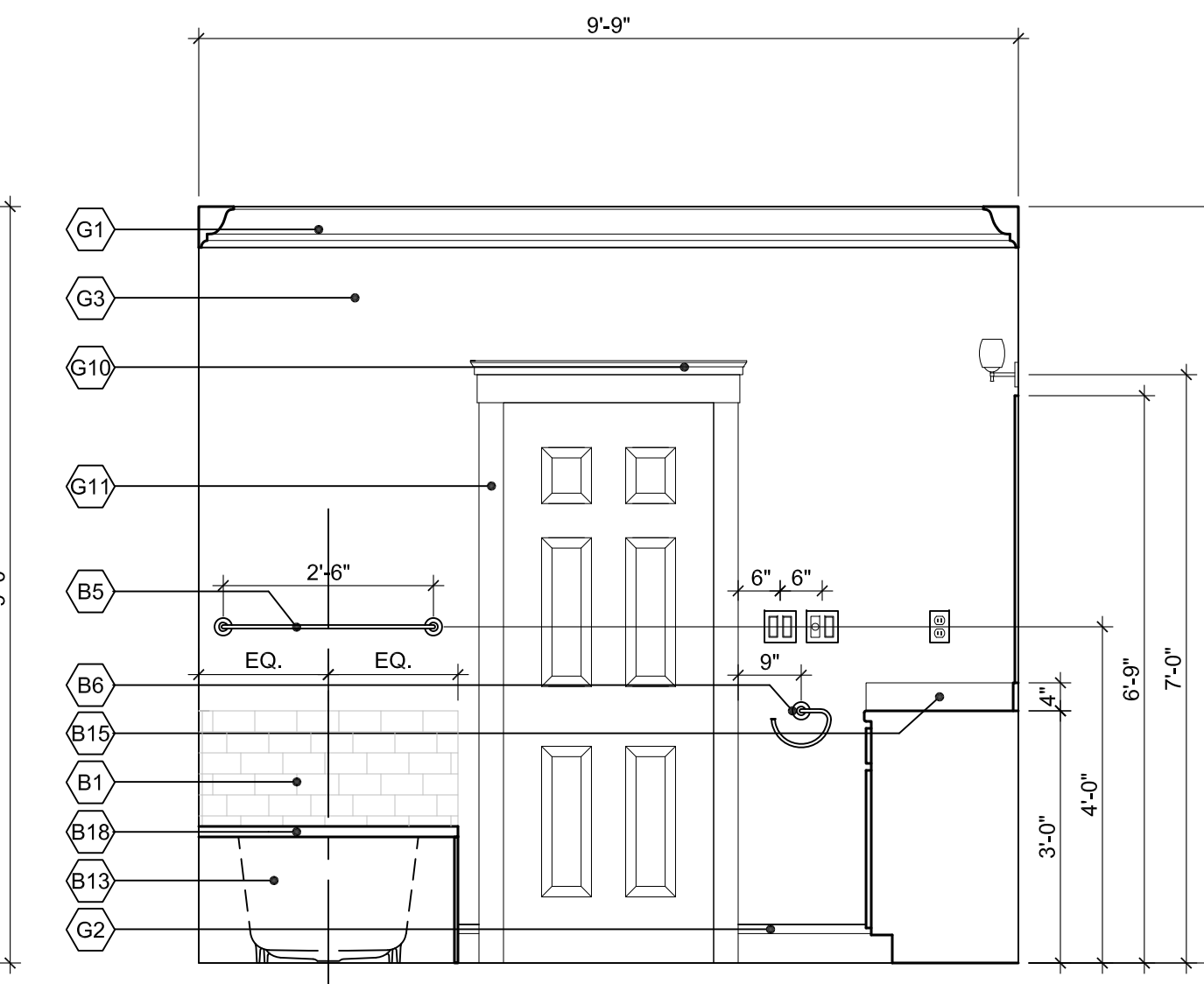
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SCALE: 1/2" = 1'-0"



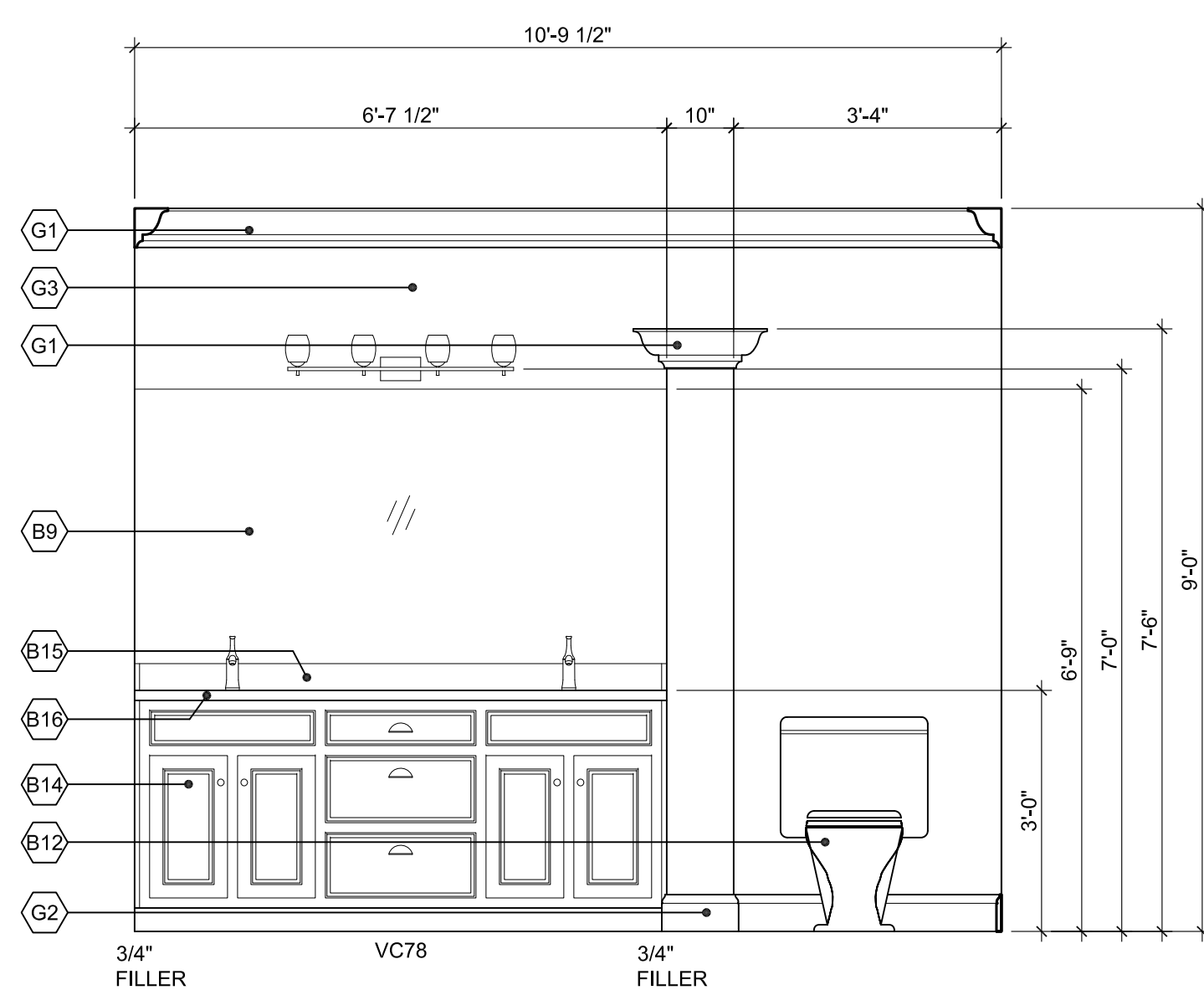
6 MASTER BATH ELEVATION
SCALE: 1/2" = 1'-0"



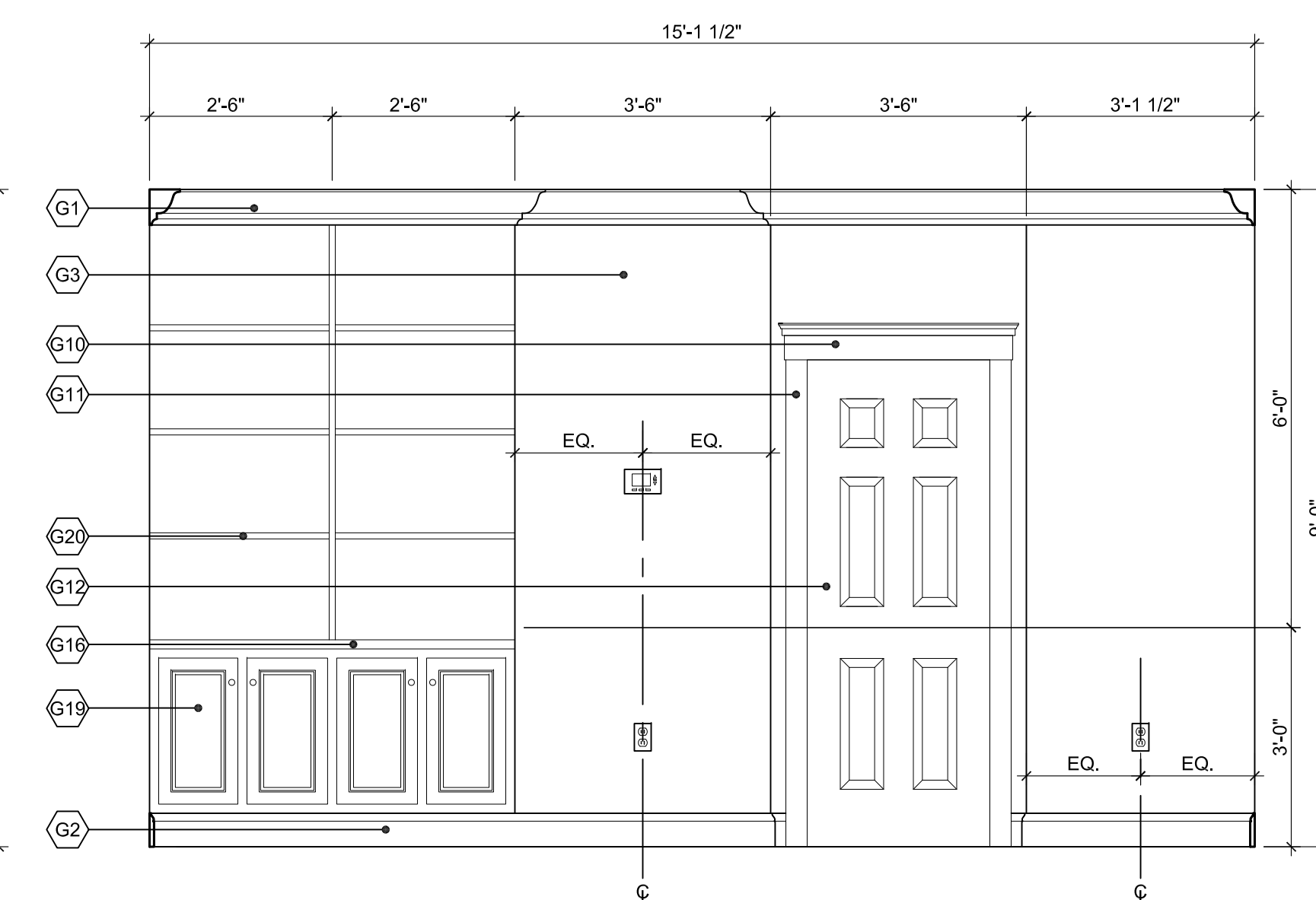
5 MASTER BATH ELEVATION
SCALE: 1/2" = 1'-0"



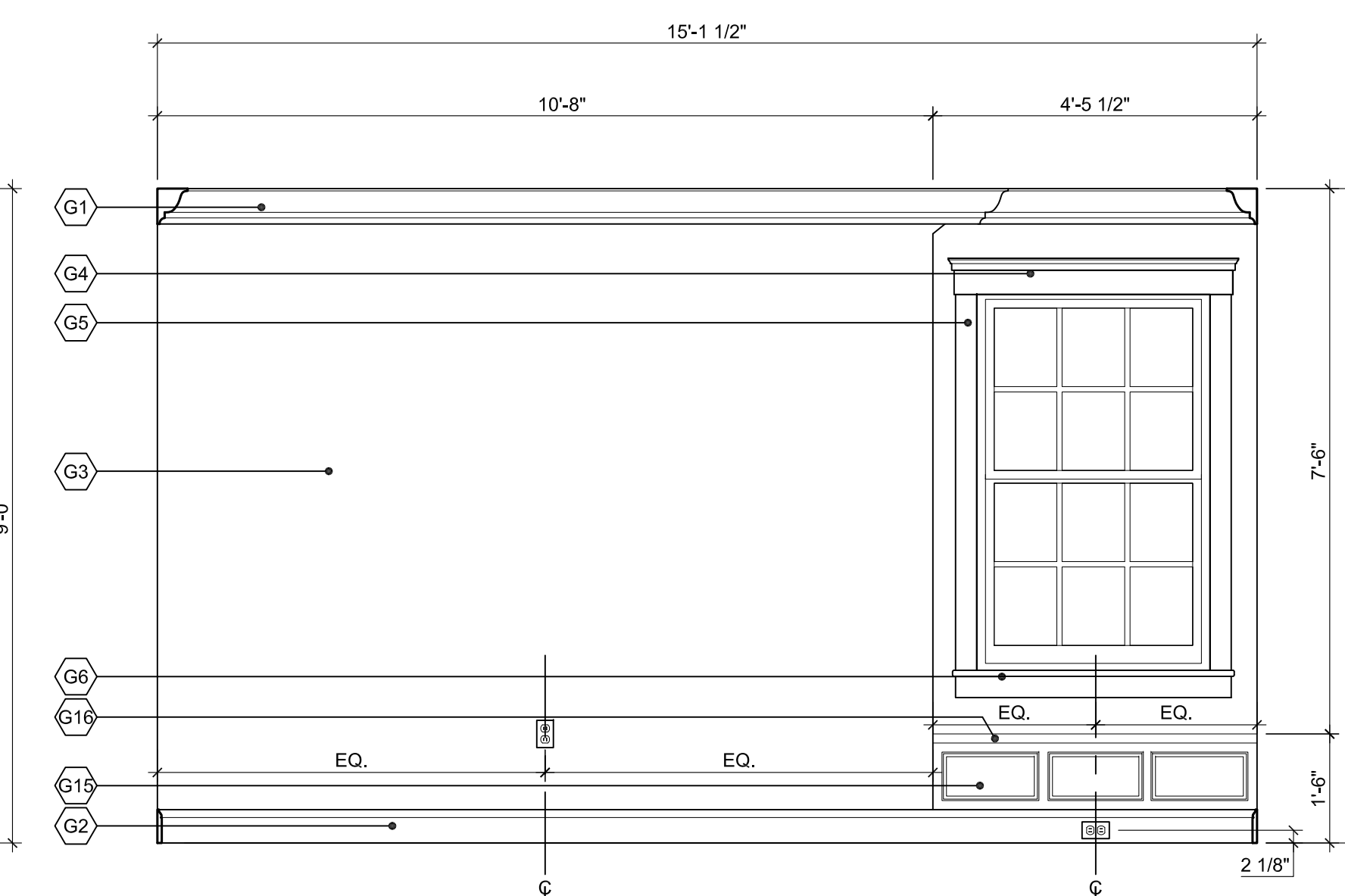
4 MASTER BATH ELEVATION
SCALE: 1/2" = 1'-0"



3 MASTER BATH ELEVATION
SCALE: 1/2" = 1'-0"



2 MASTER BEDROOM ELEVATION
SCALE: 1/2" = 1'-0"



1 MASTER BEDROOM ELEVATION
SCALE: 1/2" = 1'-0"

GENERAL SHEET NOTES

- ALL TROPICAL WOOD, IF USED, MUST BE FSC-CERTIFIED.
- SEE A-602 FOR FINISH SCHEDULE.
- ALIGN SWITCH AND RECEPTACLE PLATES WITH TOP OF TILE IN KITCHENS AND BATHROOMS.

SHEET KEYNOTES

- GENERAL:**
- G1. CROWN MOULDING
 - G2. BASE MOULDING
 - G3. PAINTED WALL
 - G4. WINDOW HEAD TRIM
 - G5. 1x4 WINDOW JAMB TRIM
 - G6. WINDOW SILL TRIM
 - G7. CASED OPENING HEAD TRIM
 - G8. 1x6 CASED OPENING JAMB TRIM
 - G9. CASED OPENING BASE TRIM
 - G10. DOOR HEAD TRIM
 - G11. 1x4 DOOR JAMB TRIM
 - G12. INTERIOR DOOR
 - G13. BUILT-UP COLUMN
 - G14. COLUMN BASE TRIM
 - G15. WOOD PANEL
 - G16. WOOD CAP
 - G17. MANTLE
 - G18. MANTLE TRIM
 - G19. BASE CABINET
 - G20. WOOD SHELF
 - G21. 1"x4" DOOR HEAD TRIM

- BATH:**
- B1. TILE
 - B2. HAND HELD SHOWER
 - B3. SHOWER SEAT
 - B4. GRAB BAR
 - B5. TOWEL BAR
 - B6. TOWEL RING
 - B7. TOILET PAPER HOLDER
 - B8. MIRROR
 - B9. FRAMELESS MIRROR
 - B10. ACCESSIBLE LAVATORY
 - B11. ACCESSIBLE TOILET
 - B12. TOILET
 - B13. BATHTUB
 - B14. VANITY BASE CABINET
 - B15. SOLID SURFACE BACKSPASH
 - B16. SOLID SURFACE COUNTERTOP
 - B17. FRAMELESS GLASS SHOWER DOOR, TEMPERED
 - B18. SOLID SURFACE BATHTUB DECK
 - B19. 6" DEEP NICHE

- KITCHEN:**
- K1. WALL CABINET
 - K2. BASE CABINET
 - K3. END PANEL
 - K4. SUPPORT BRACKET
 - K5. RANGE HOOD EXHAUST DUCT
 - K6. TILE BACKSPASH
 - K7. SOLID SURFACE BACKSPASH
 - K8. SOLID SURFACE COUNTERTOP

- STAIR:**
- S1. WOOD HANDRAIL
 - S2. WOOD BALUSTER
 - S3. WOOD TREAD
 - S4. WOOD TRIM
 - S5. WOOD STRINGER
 - S6. WOOD POST

- SCREEN PORCH:**
- P1. EXTERIOR WATER TABLE
 - P2. PORCH DOOR
 - P3. EXTERIOR FIBER CEMENT LAP SIDING
 - P4. 3/4" x 6" DOOR TRIM
 - P5. 3/4" TRIM BOARD
 - P6. 3" CROWN
 - P7. 5 1/2" BASE
 - P8. FIBER CEMENT PANEL BOARD
 - P9. 3/4" WALL CAP
 - P10. SCREEN PANEL
 - P11. SCREEN DOOR
 - P12. 3 1/2" TRIM
 - P13. 10" TRIM BOARD W/ INSET PANEL
 - P14. 2 1/2" BEADBOARD
 - P15. TRIM BOARD

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CAD DWG FILE: A-PLOT-ELEV-NZERTF
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SHEET TITLE:

INTERIOR ELEVATIONS

SCALE AS NOTED

A-206

GENERAL SHEET NOTES

- ALL TROPICAL WOOD, IF USED, MUST BE FSC-CERTIFIED.
- SEE A-602 FOR FINISH SCHEDULE.
- ALIGN SWITCH AND RECEPTACLE PLATES WITH TOP OF TILE IN KITCHENS AND BATHROOMS.

SHEET KEYNOTES

- GENERAL:
- G1. CROWN MOULDING
 - G2. BASE MOULDING
 - G3. PAINTED WALL
 - G4. WINDOW HEAD TRIM
 - G5. 1x4 WINDOW JAMB TRIM
 - G6. WINDOW SILL TRIM
 - G7. CASED OPENING HEAD TRIM
 - G8. 1x6 CASED OPENING JAMB TRIM
 - G9. CASED OPENING BASE TRIM
 - G10. DOOR HEAD TRIM
 - G11. 1x4 DOOR JAMB TRIM
 - G12. INTERIOR DOOR
 - G13. BUILT-UP COLUMN
 - G14. COLUMN BASE TRIM
 - G15. WOOD PANEL
 - G16. WOOD CAP
 - G17. MANTLE
 - G18. MANTLE TRIM
 - G19. BASE CABINET
 - G20. WOOD SHELF
 - G21. 1" x 4" DOOR HEAD TRIM

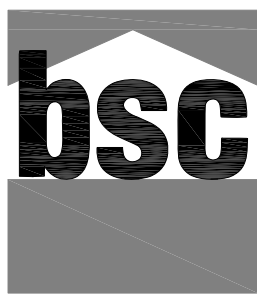
- BATH:
- B1. TILE
 - B2. HAND HELD SHOWER
 - B3. SHOWER SEAT
 - B4. GRAB BAR
 - B5. TOWEL BAR
 - B6. TOWEL RING
 - B7. TOILET PAPER HOLDER
 - B8. MIRROR
 - B9. FRAMELESS MIRROR
 - B10. ACCESSIBLE LAVATORY
 - B11. ACCESSIBLE TOILET
 - B12. TOILET
 - B13. BATHTUB
 - B14. VANITY BASE CABINET
 - B15. SOLID SURFACE BACKSPLASH
 - B16. SOLID SURFACE COUNTERTOP
 - B17. FRAMELESS GLASS SHOWER DOOR, TEMPERED
 - B18. SOLID SURFACE BATHTUB DECK
 - B19. 6" DEEP NICHE

- KITCHEN:
- K1. WALL CABINET
 - K2. BASE CABINET
 - K3. END PANEL
 - K4. SUPPORT BRACKET
 - K5. RANGE HOOD EXHAUST DUCT
 - K6. TILE BACKSPLASH
 - K7. SOLID SURFACE BACKSPLASH
 - K8. SOLID SURFACE COUNTERTOP

- STAIR:
- S1. WOOD HANDRAIL
 - S2. WOOD BALUSTER
 - S3. WOOD TREAD
 - S4. WOOD TRIM
 - S5. WOOD STRINGER
 - S6. WOOD POST

- SCREEN PORCH:
- P1. EXTERIOR WATER TABLE
 - P2. PORCH DOOR
 - P3. EXTERIOR FIBER CEMENT LAP SIDING
 - P4. ½ x 6 DOOR TRIM
 - P5. ½ TRIM BOARD
 - P6. 3" CROWN
 - P7. 5 1/2" BASE
 - P8. FIBER CEMENT PANEL BOARD
 - P9. ¾" WALL CAP
 - P10. SCREEN PANEL
 - P11. SCREEN DOOR
 - P12. 3 1/2" TRIM
 - P13. 10" TRIM BOARD W/ INSET PANEL
 - P14. 2½" BEADBOARD
 - P15. TRIM BOARD

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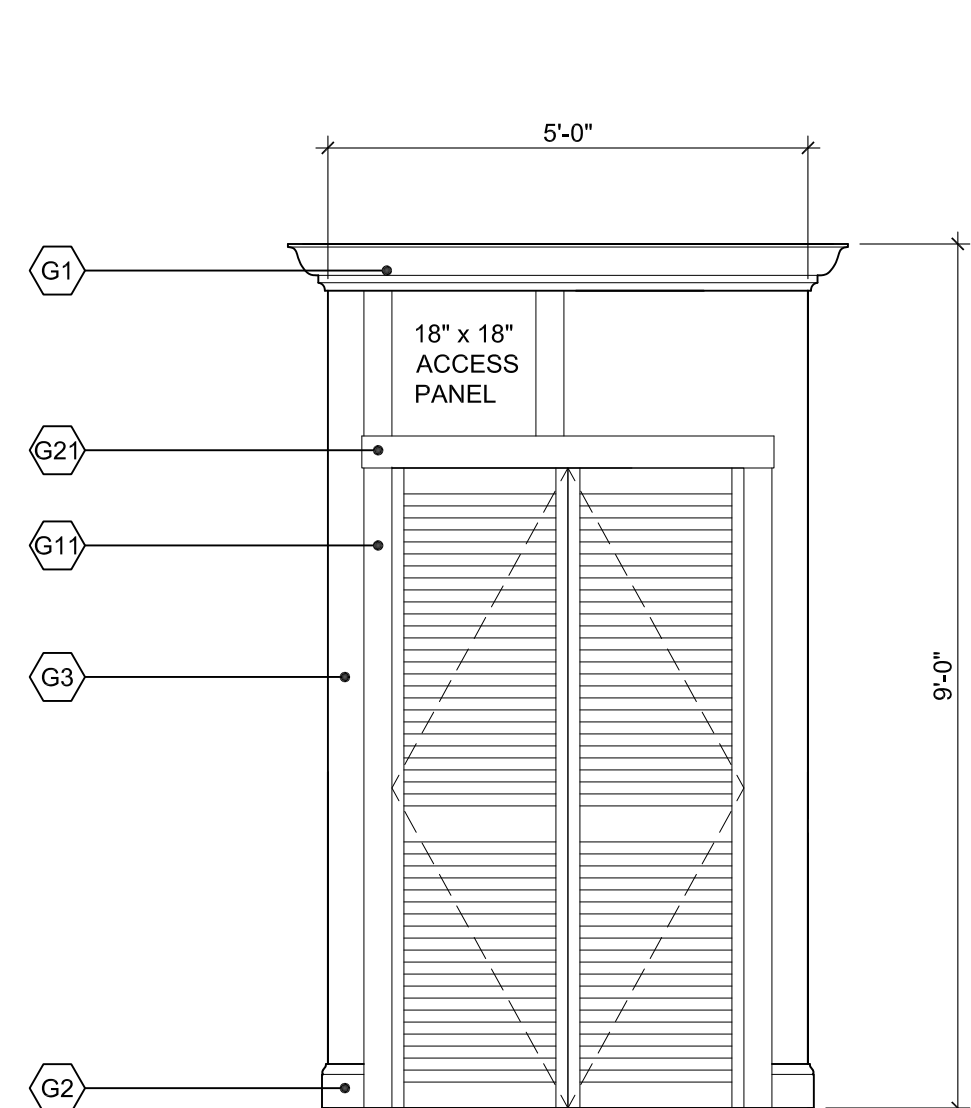
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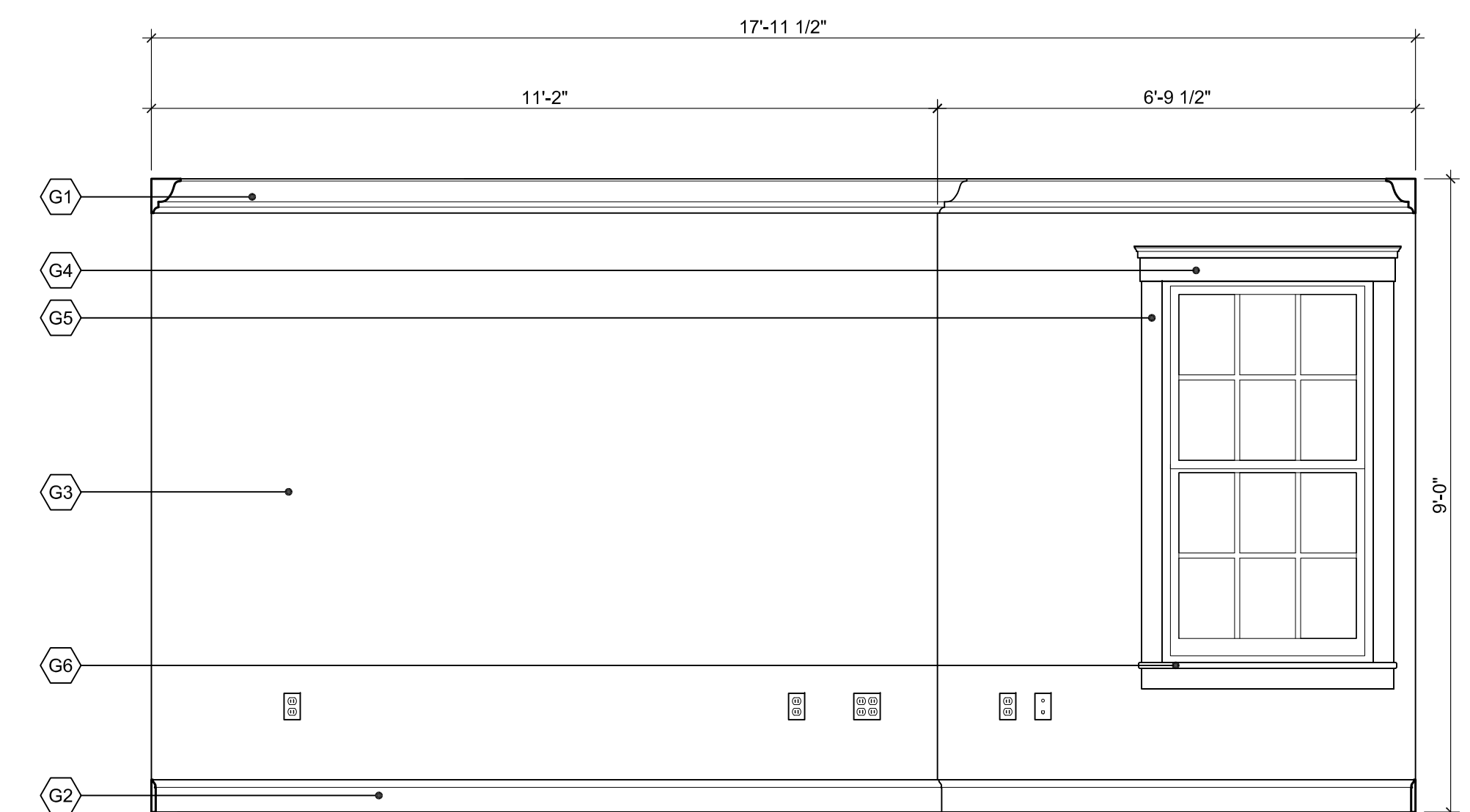
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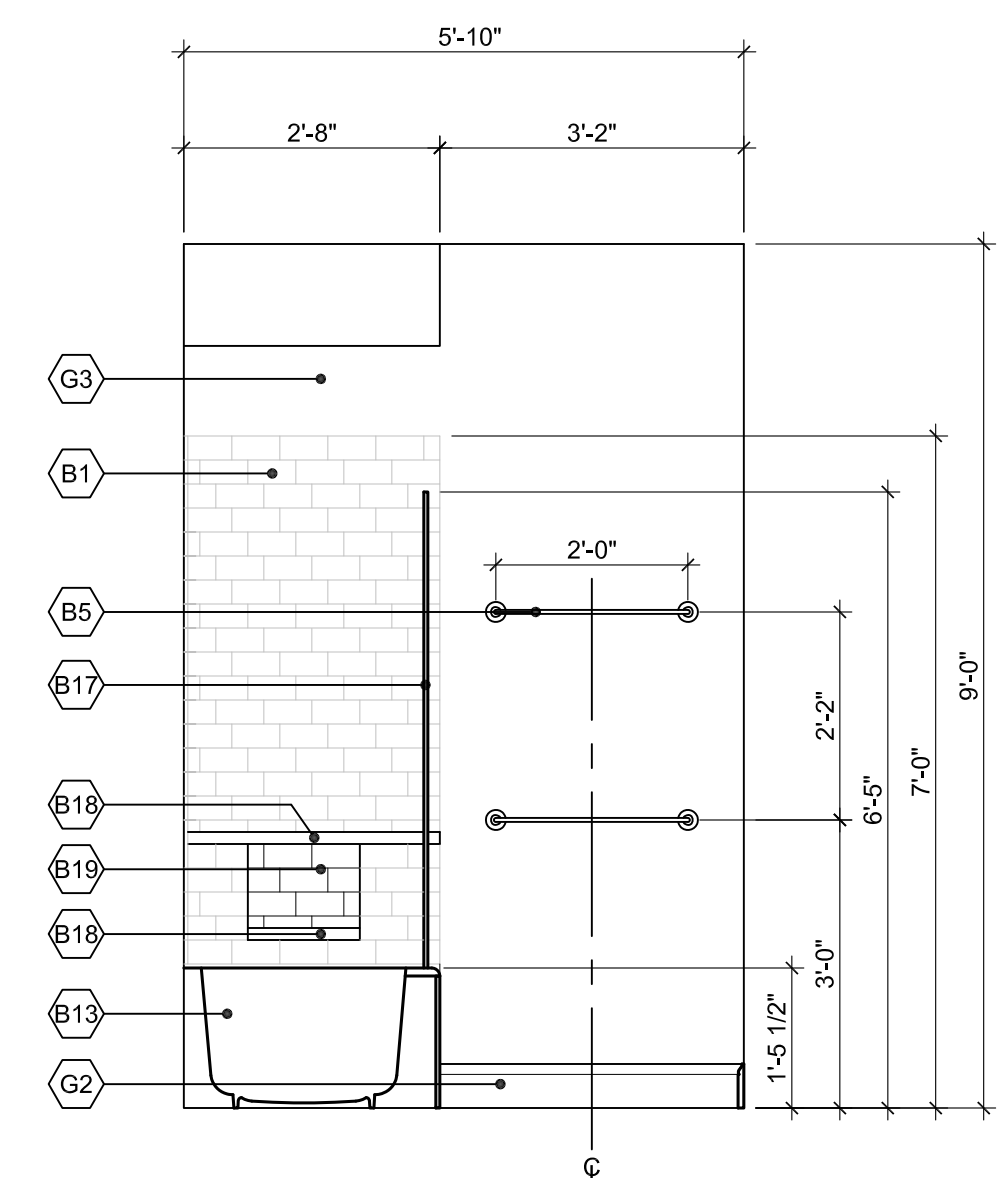
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3 1ST FLOOR HALL ELEVATION
 SCALE: 1/2" = 1'-0"



2 BEDROOM 2 ELEVATION (BEDROOM 3 SIMILAR)
 SCALE: 1/2" = 1'-0"



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

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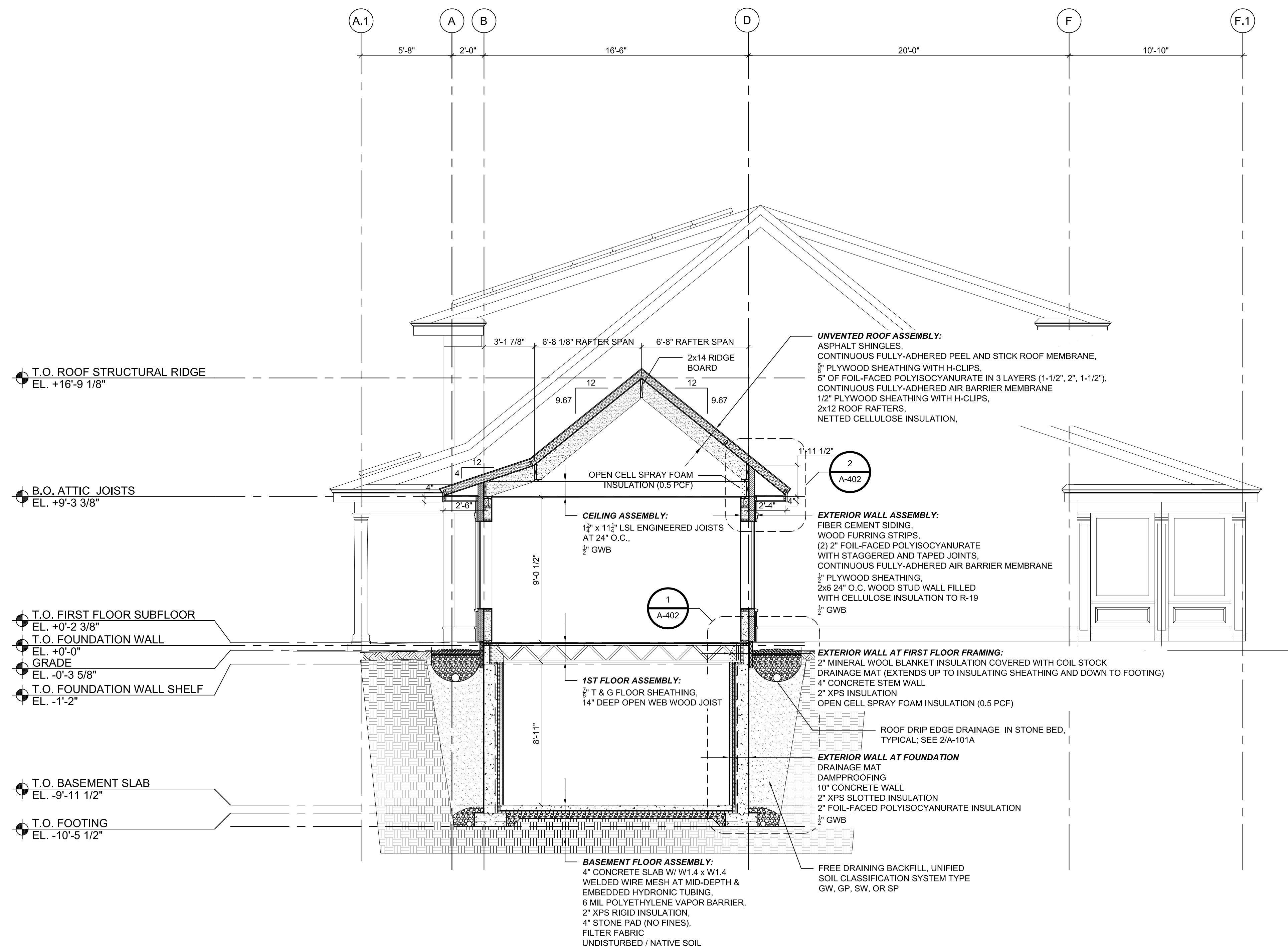
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INTERIOR ELEVATIONS

SCALE AS NOTED

A-207



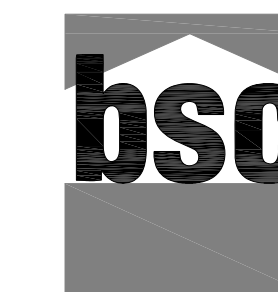
1 BUILDING SECTION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES AND BREEZEWAY.
4. EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.
5. EL. +0'-2 3/8" (T.O. FIRST FLOOR SUBFLOOR) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.5' IN THE SITE/CIVIL DRAWINGS.
6. EL. -9'-11 1/2" (T.O. BASEMENT SLAB) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 451.34 IN THE SITE/CIVIL DRAWINGS.

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SHEET TITLE:

BUILDING SECTION

SCALE AS NOTED

A-301

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES, AND BREEZEWAY.
4. EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.
5. EL. +0'-2 1/2" (T.O. FIRST FLOOR SUBFLOOR) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.5' IN THE SITE/CIVIL DRAWINGS.
6. EL. -9'-11 1/2" (T.O. BASEMENT SLAB) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 451.34' IN THE SITE/CIVIL DRAWINGS.

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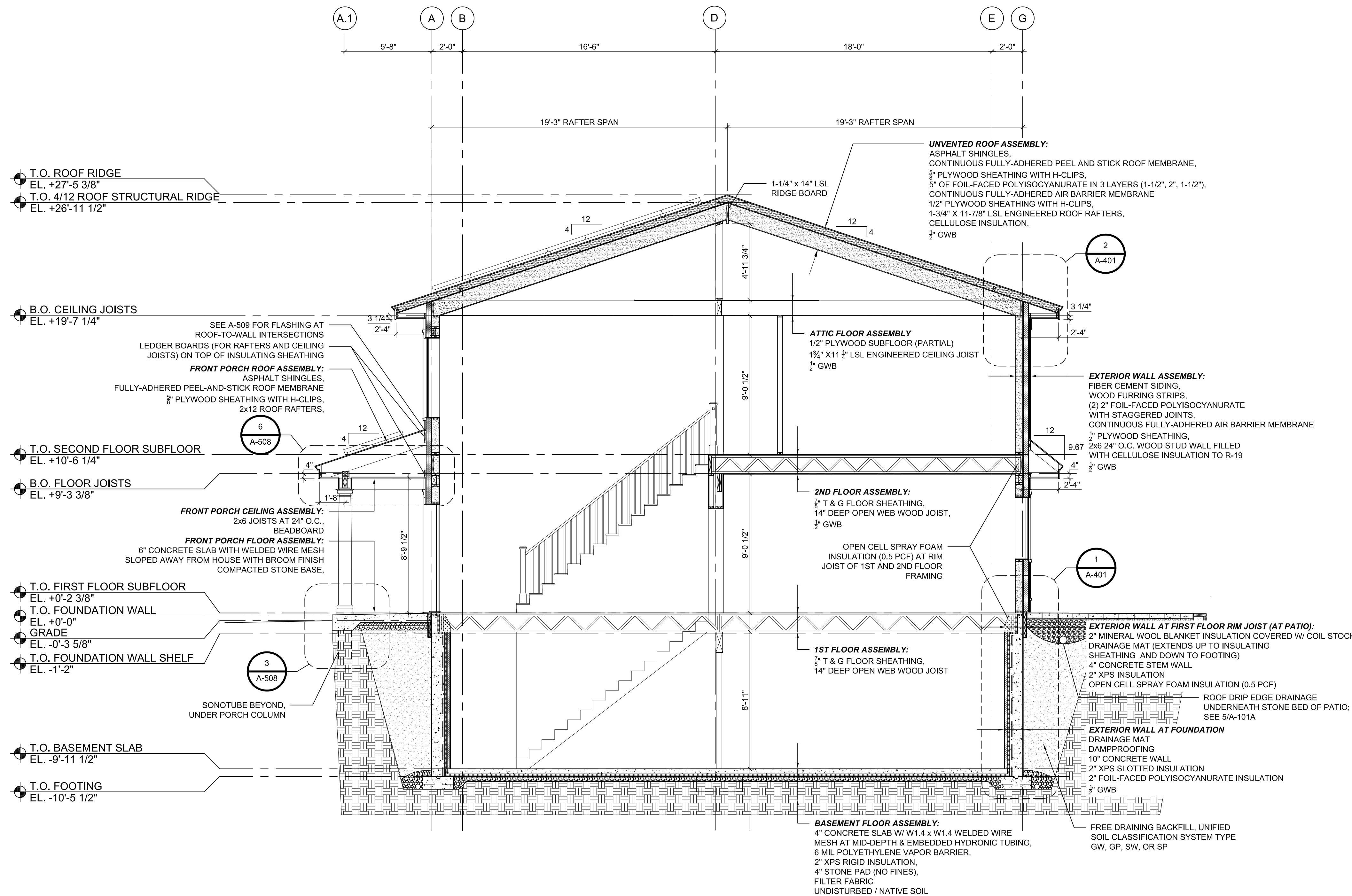
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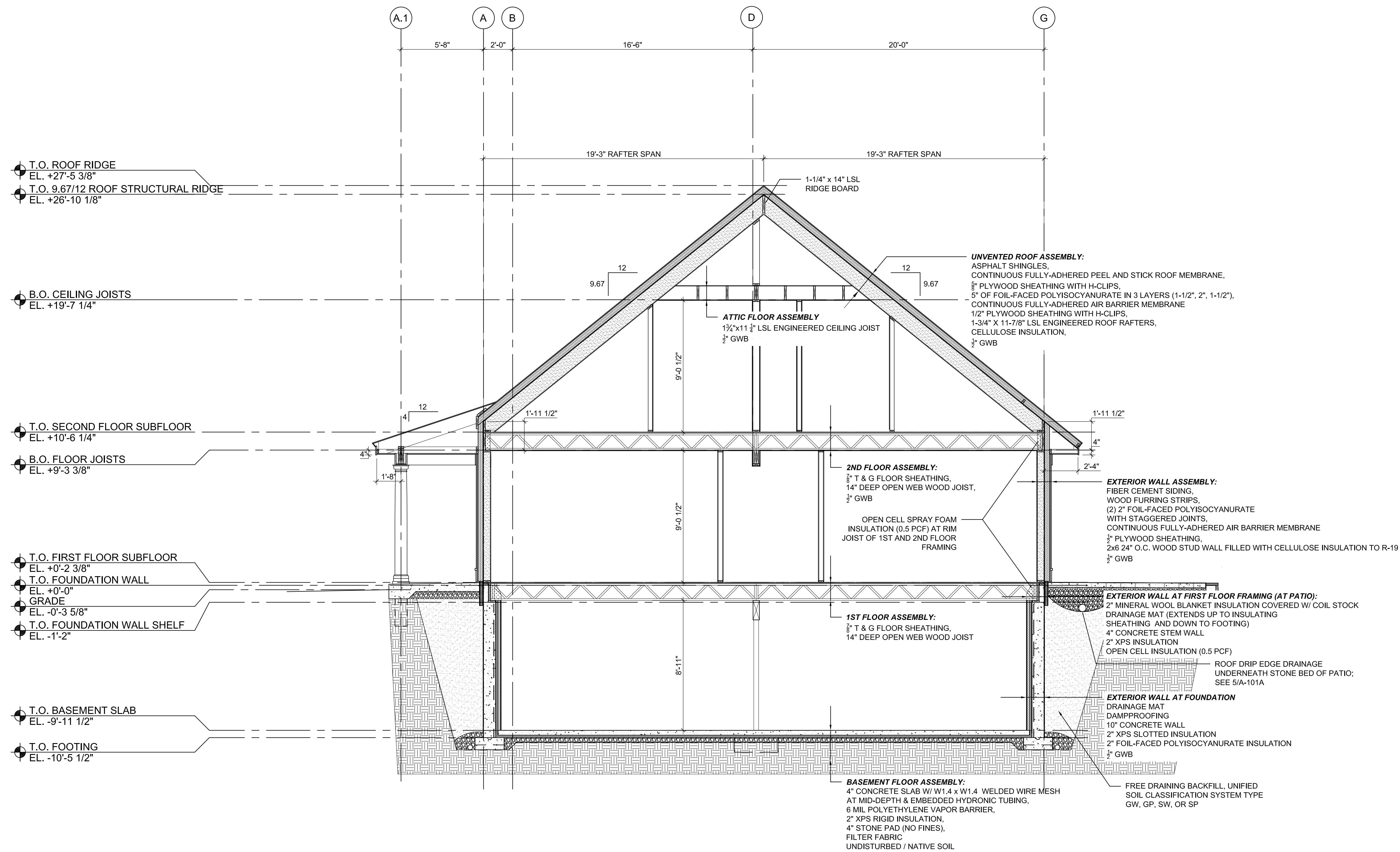
BUILDING SECTION

SCALE AS NOTED

A-302



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



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

GENERAL SHEET NOTES

- CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
- EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
- FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES AND BREZEWAY.
- EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.
- EL. +0'-2 1/2" (T.O. FIRST FLOOR SUBFLOOR) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.5' IN THE SITE/CIVIL DRAWINGS.
- EL. -9'-11 1/2" (T.O. BASEMENT SLAB) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 451.34' IN THE SITE/CIVIL DRAWINGS.

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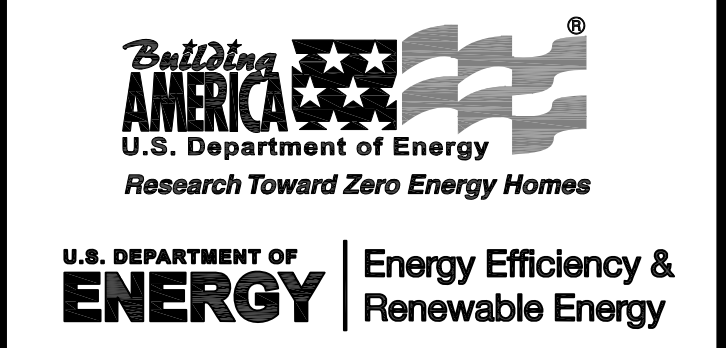
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BUILDING SECTION

SCALE AS NOTED

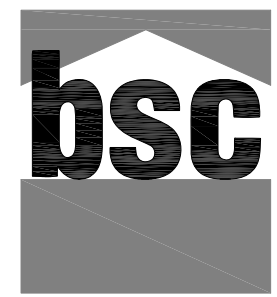
A-303

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES AND BREEZEWAY.
4. EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.
5. EL. +0'-2 1/2" (T.O. FIRST FLOOR SUBFLOOR) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.5' IN THE SITE CIVIL DRAWINGS.
6. EL. -9'-1 1/2" (T.O. BASEMENT SLAB) IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 451.34 IN THE SITE/CIVIL DRAWINGS.

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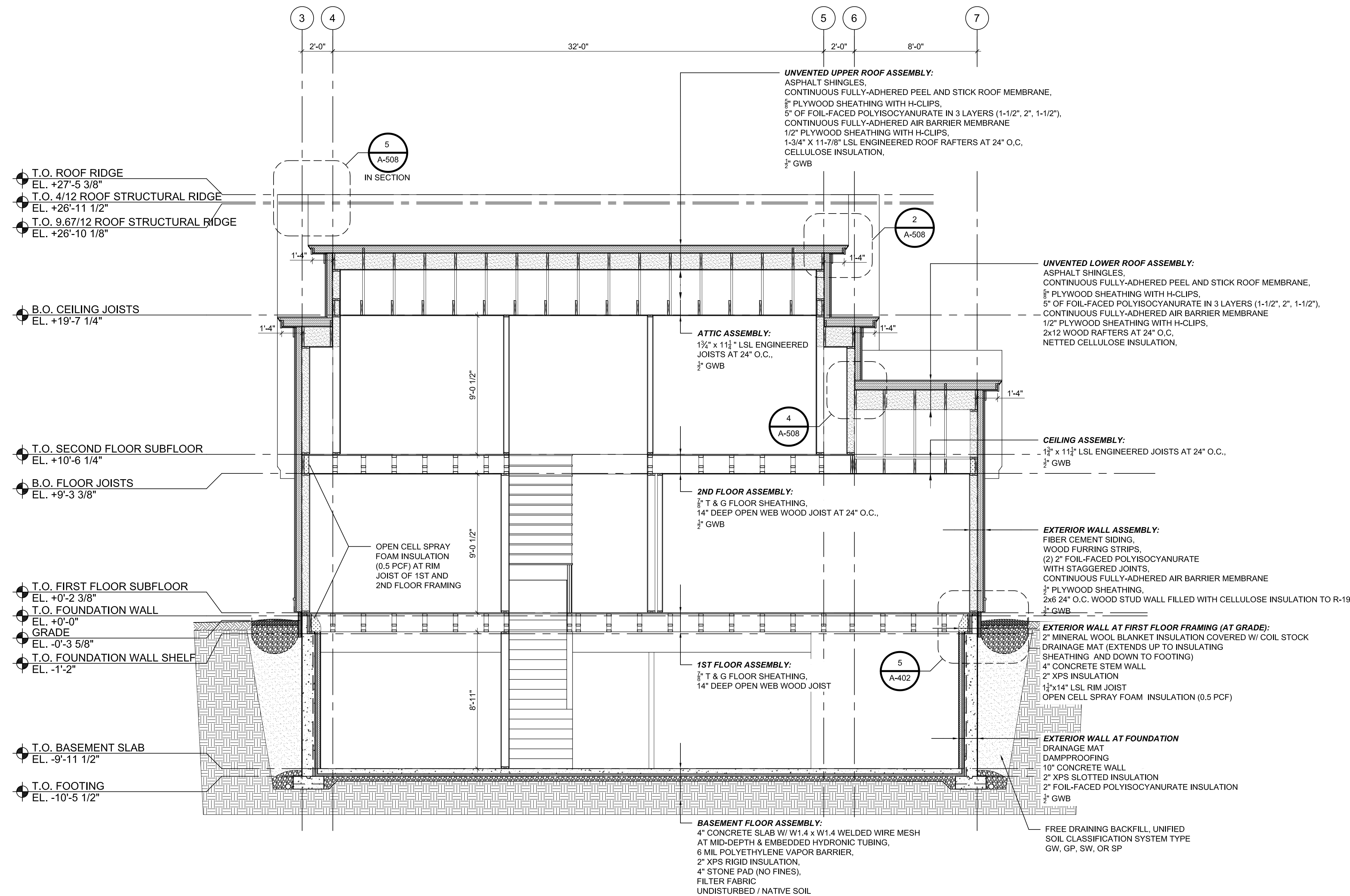
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SHEET TITLE:

BUILDING SECTION

SCALE AS NOTED

A-304



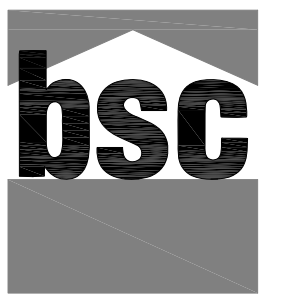
1 BUILDING SECTION

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

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES AND BREEZEWAY
4. EL. +0'-0" IN THE ARCHITECTURAL DRAWINGS CORRESPONDS TO 461.30' IN THE SITE/CIVIL DRAWINGS.

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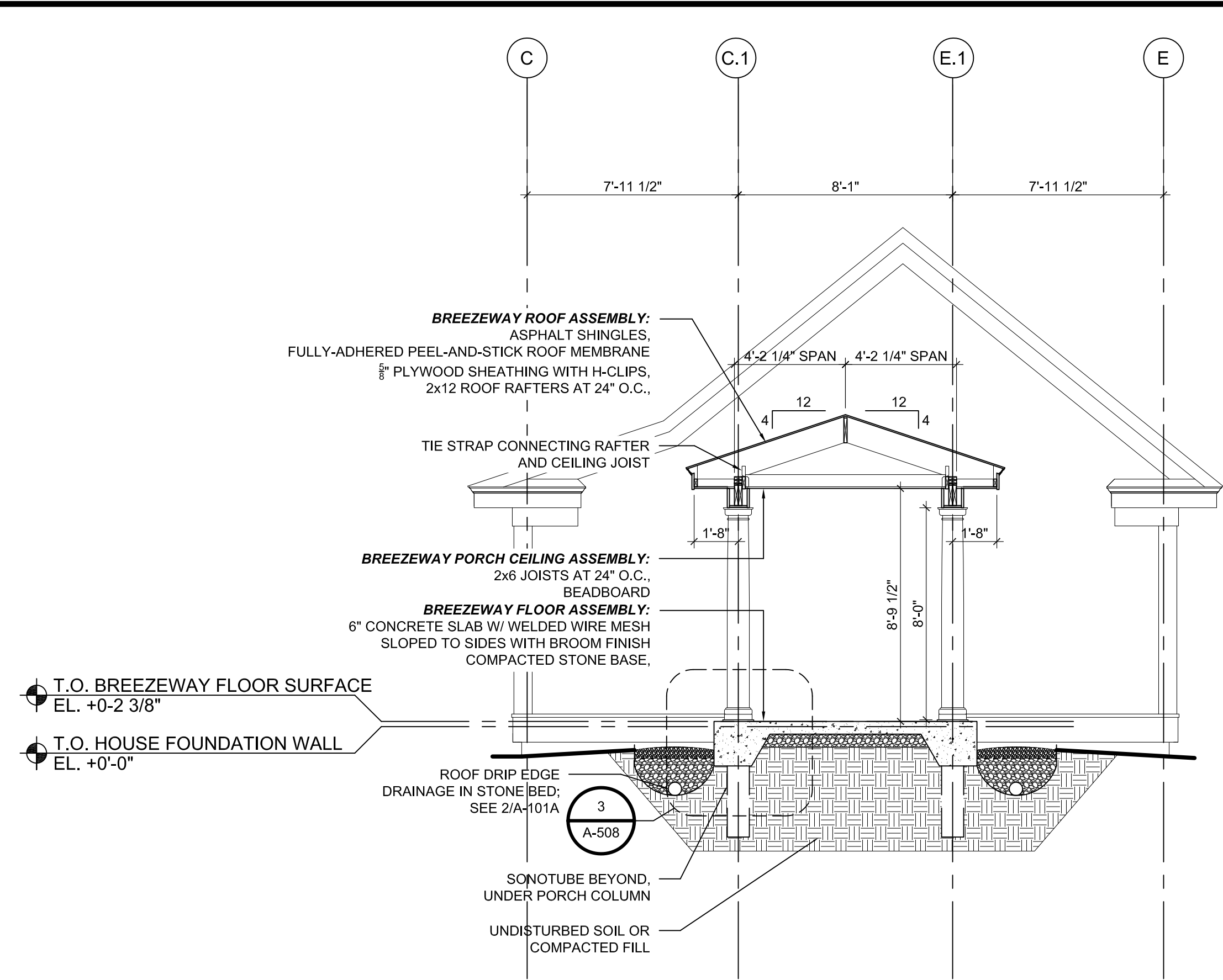
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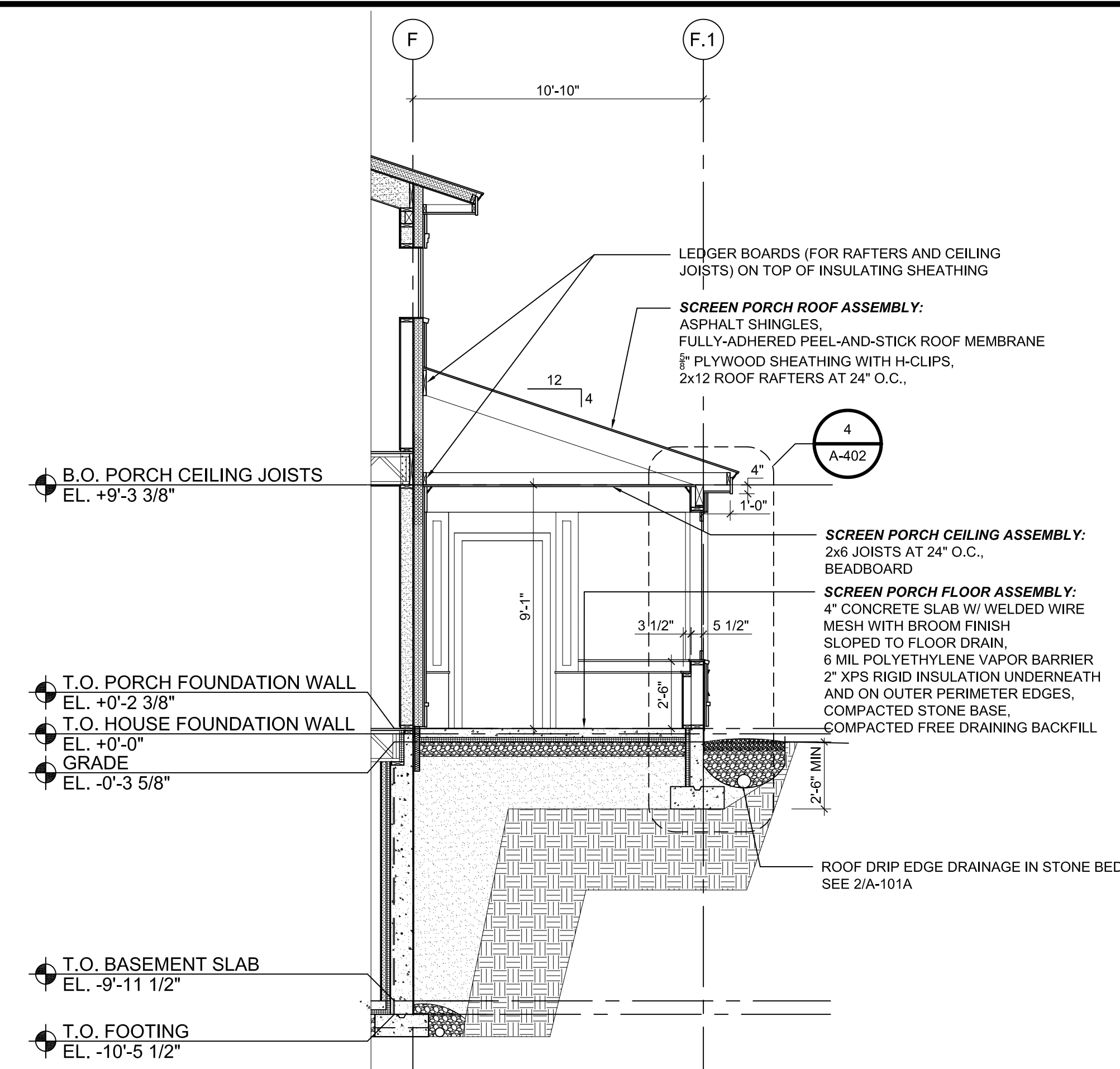
GARAGE, BREEZEWAY & SCREEN PORCH SECTIONS

SCALE AS NOTED

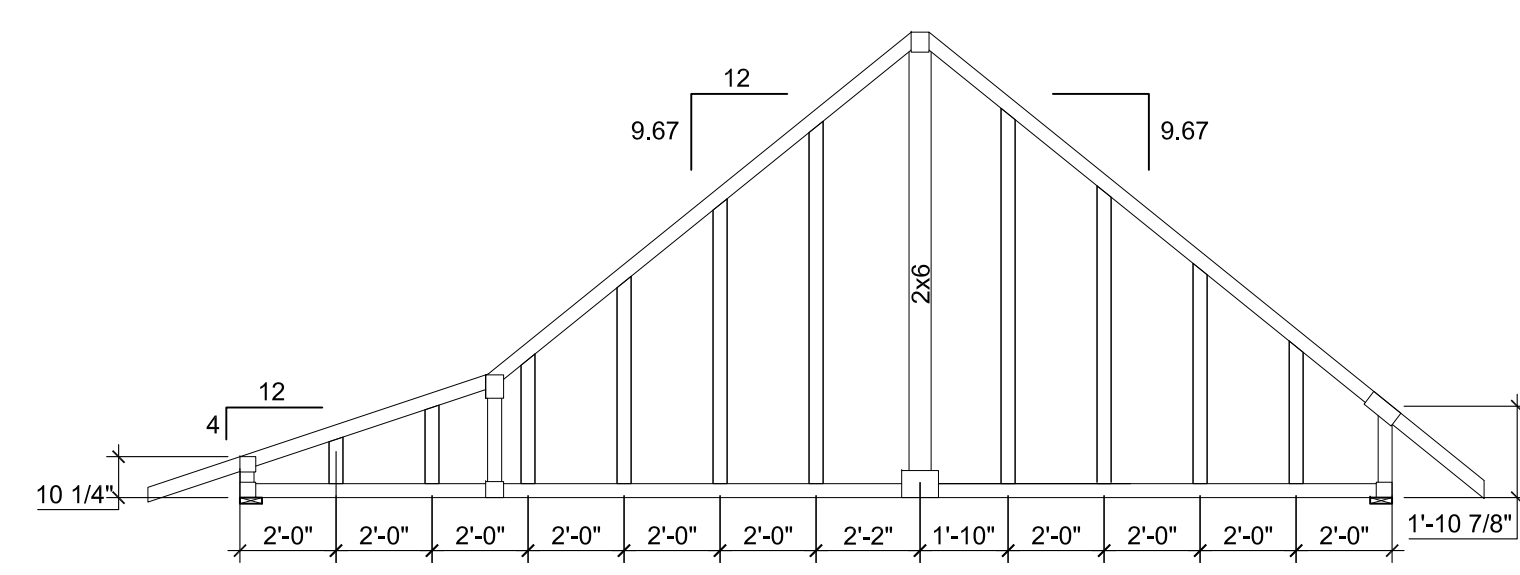
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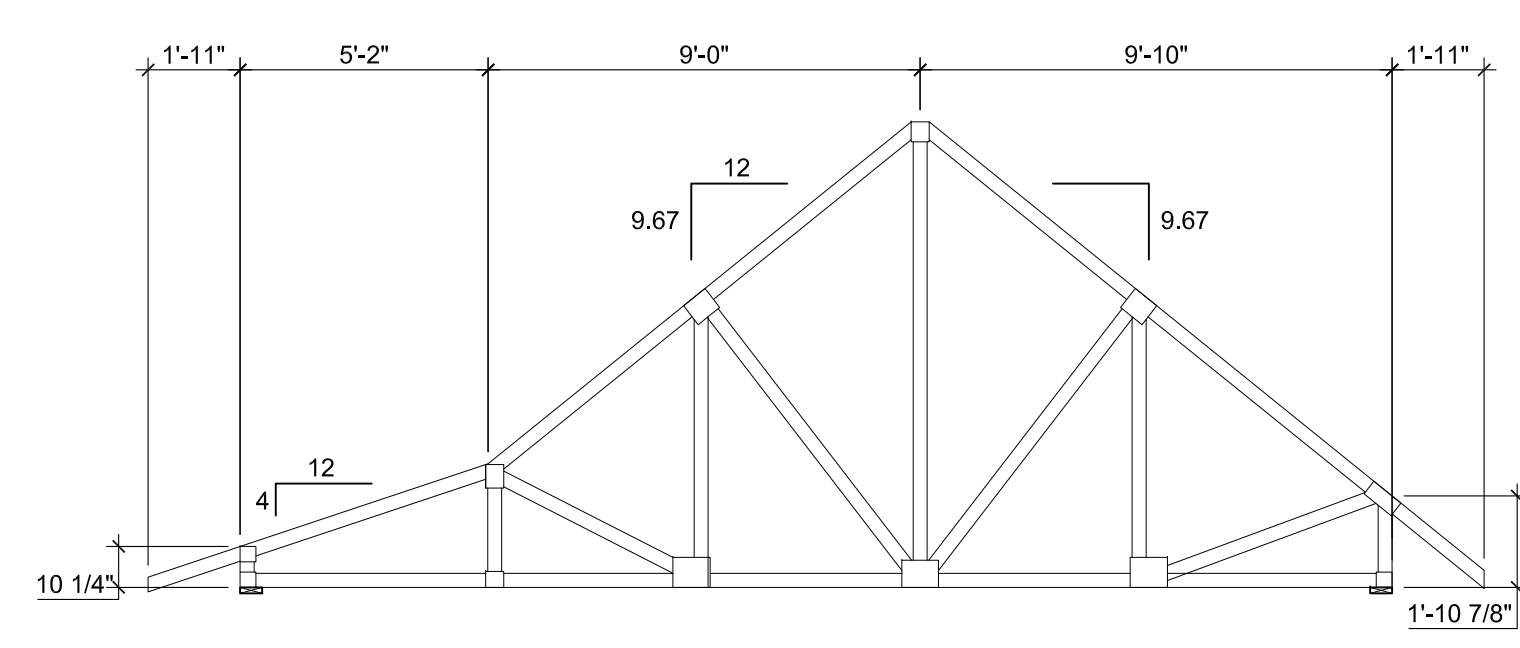
3 BREEZEWAY SECTION
 SCALE: 1/4" = 1'-0"



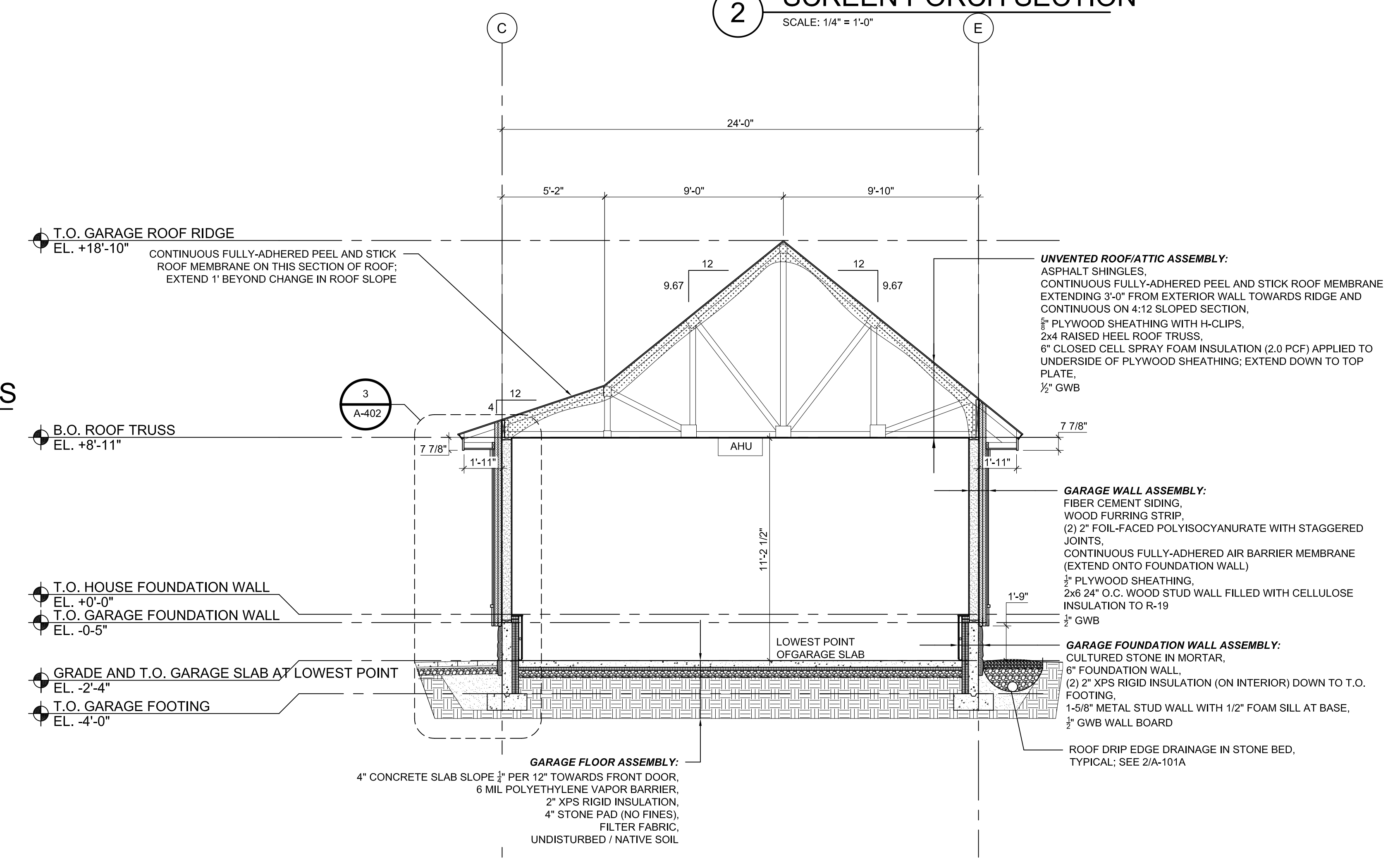
2 SCREEN PORCH SECTION
 SCALE: 1/4" = 1'-0"



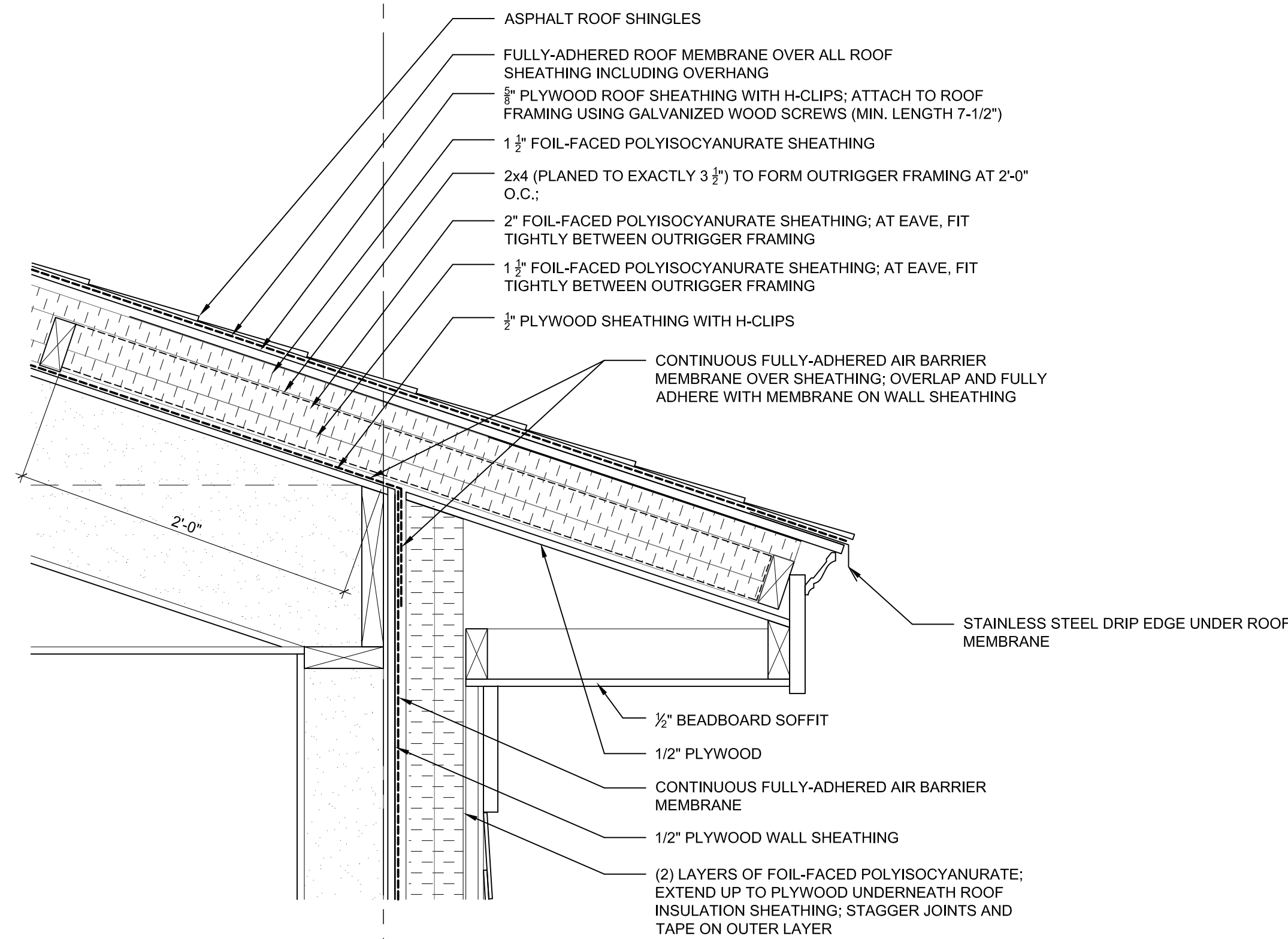
1B TYPICAL GARAGE ROOF END WALL TRUSS
 SCALE: 1/4" = 1'-0"



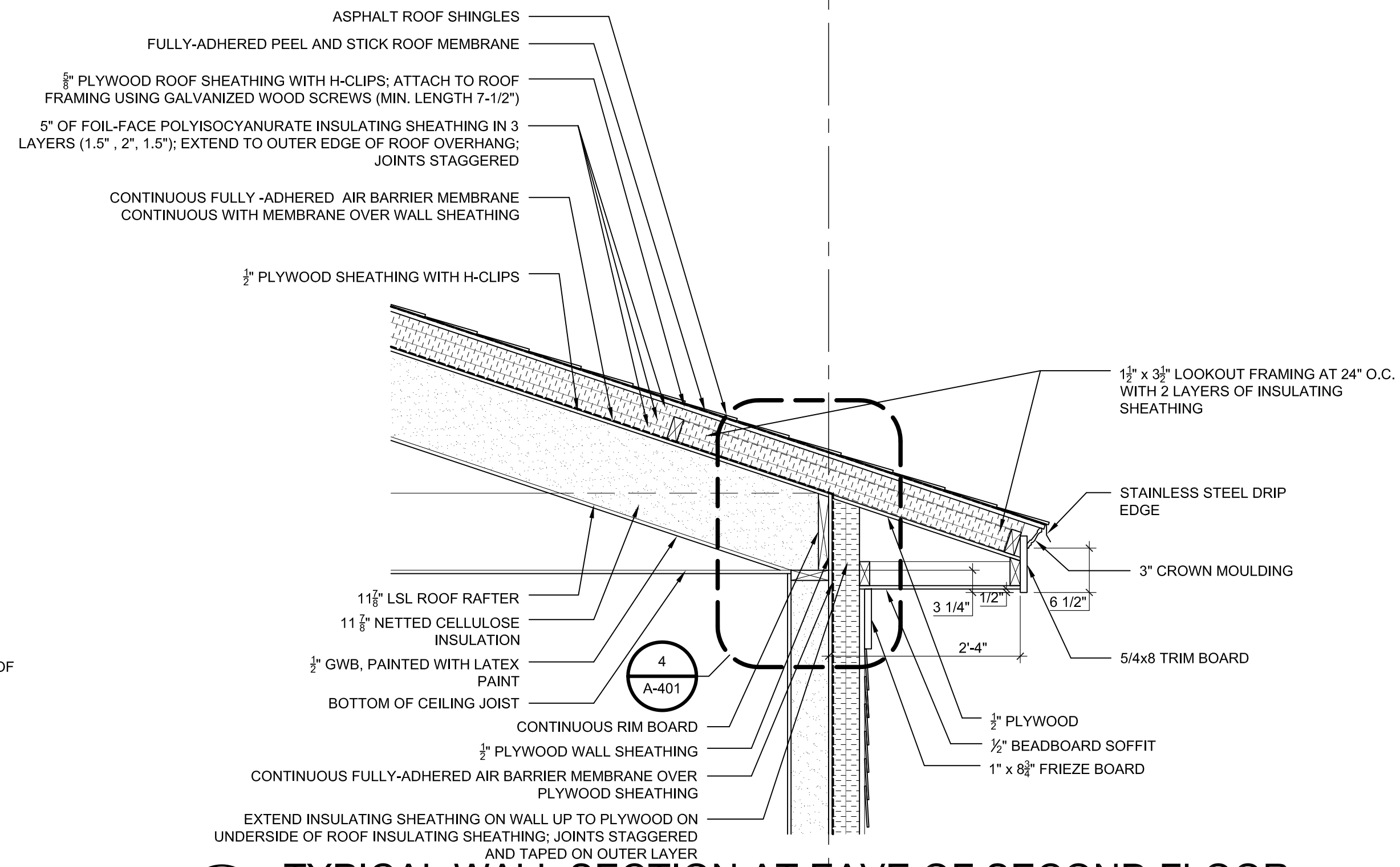
1A TYPICAL GARAGE ROOF TRUSS
 SCALE: 1/4" = 1'-0"



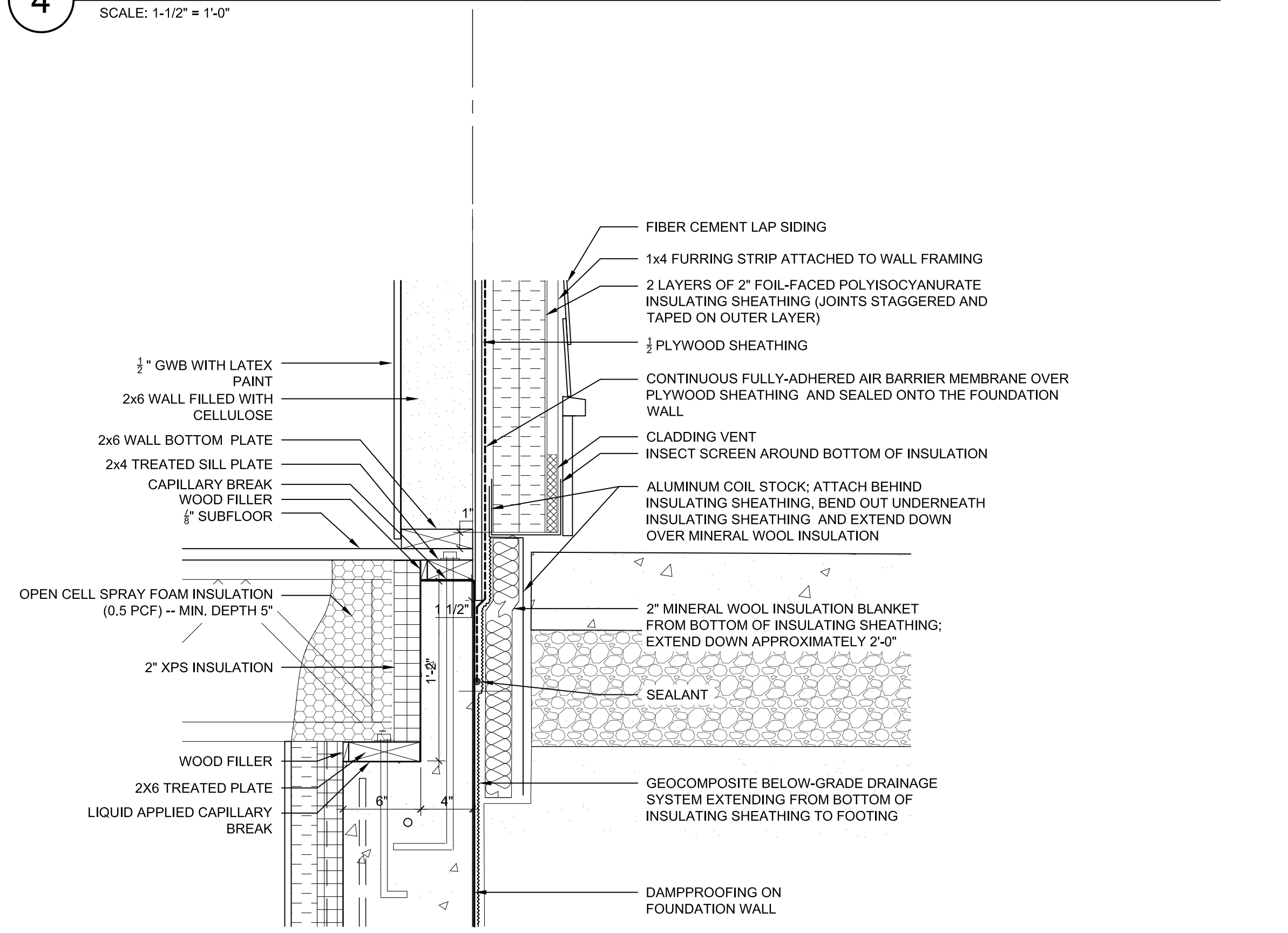
1 GARAGE SECTION
 SCALE: 1/4" = 1'-0"



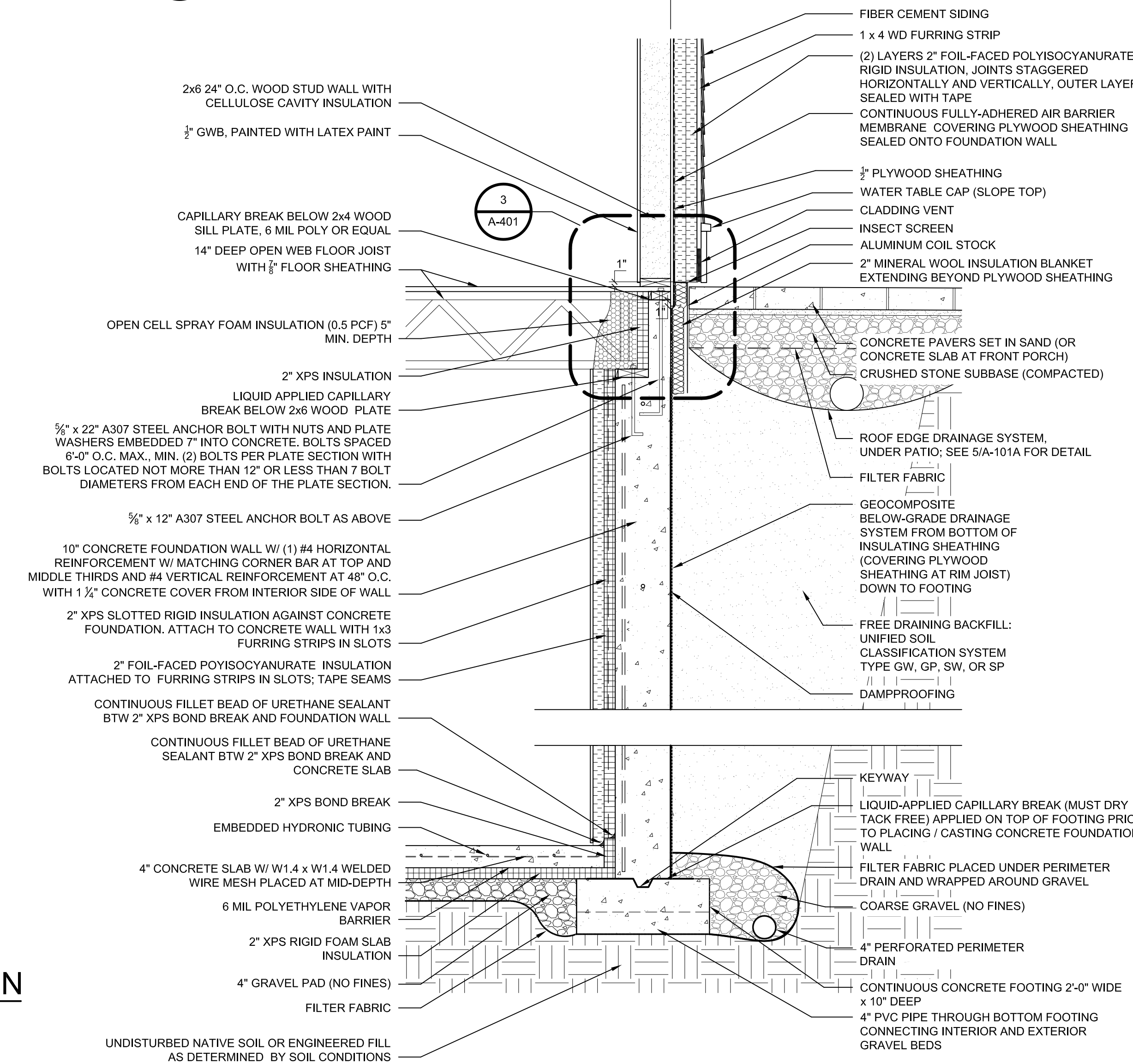
4 TYPICAL DETAIL AT SECOND FLOOR ROOF/WALL CONNECTION
 SCALE: 1-1/2" = 1'-0"



2 TYPICAL WALL SECTION AT EAVE OF SECOND FLOOR
 SCALE: 3/4" = 1'-0"



3 TYPICAL DETAIL AT FIRST FLOOR FOUNDATION/WALL CONNECTION
 SCALE: 1-1/2" = 1'-0"



1 TYPICAL WALL SECTION AT PATIO/FRONT PORCH
 SCALE: 3/4" = 1'-0"

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES, AND BREEZEWAY.

SHEET KEYNOTES

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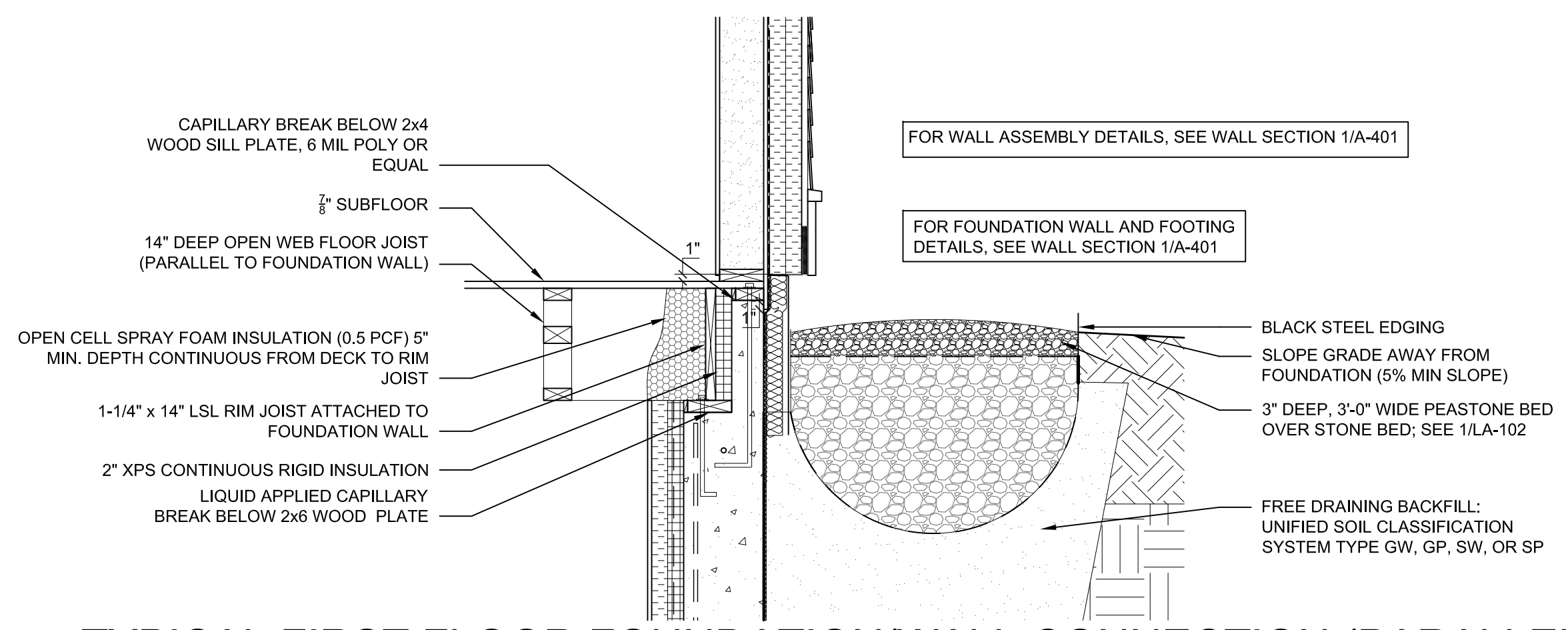
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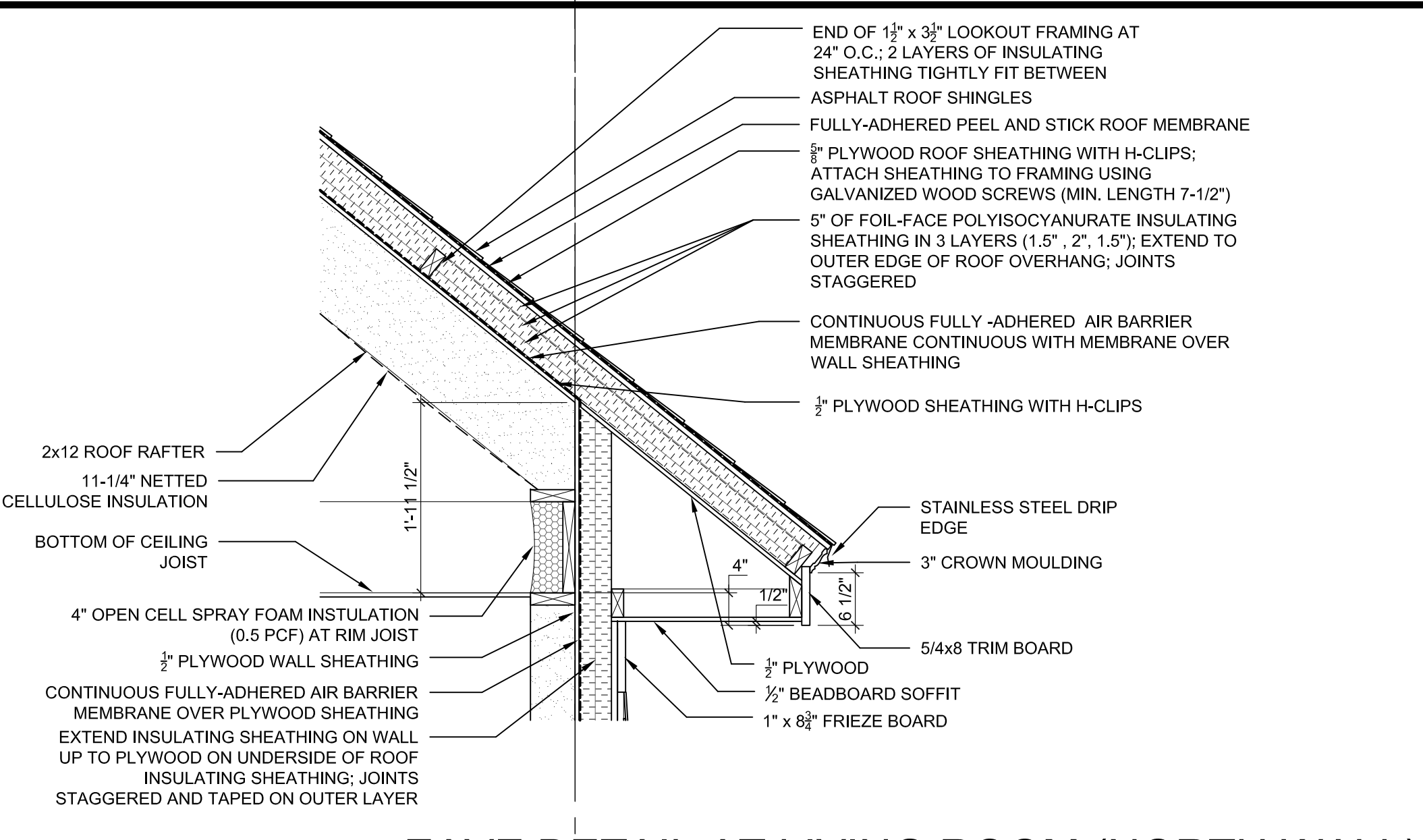
WALL SECTIONS & DETAILS

SCALE AS NOTED

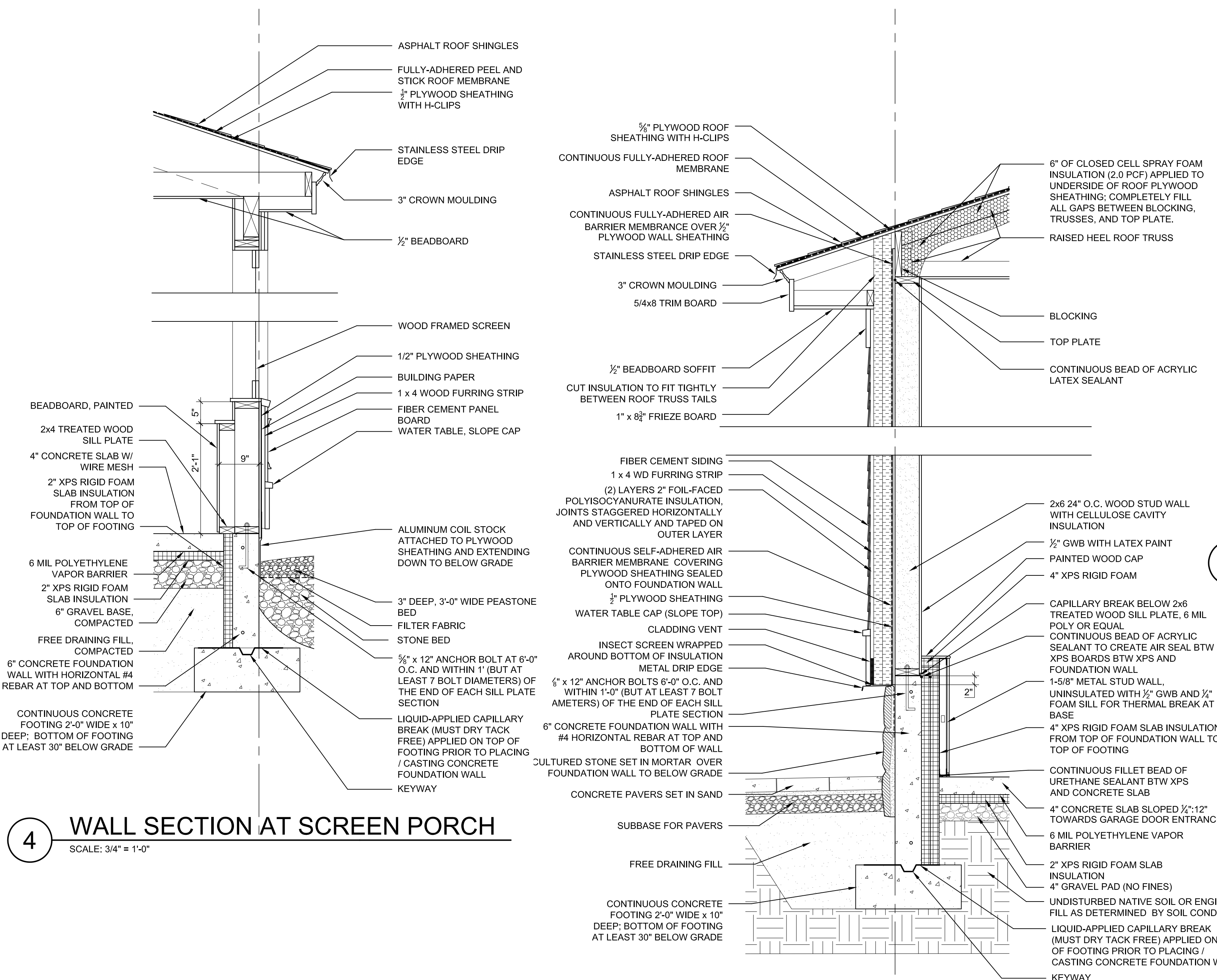
A-401



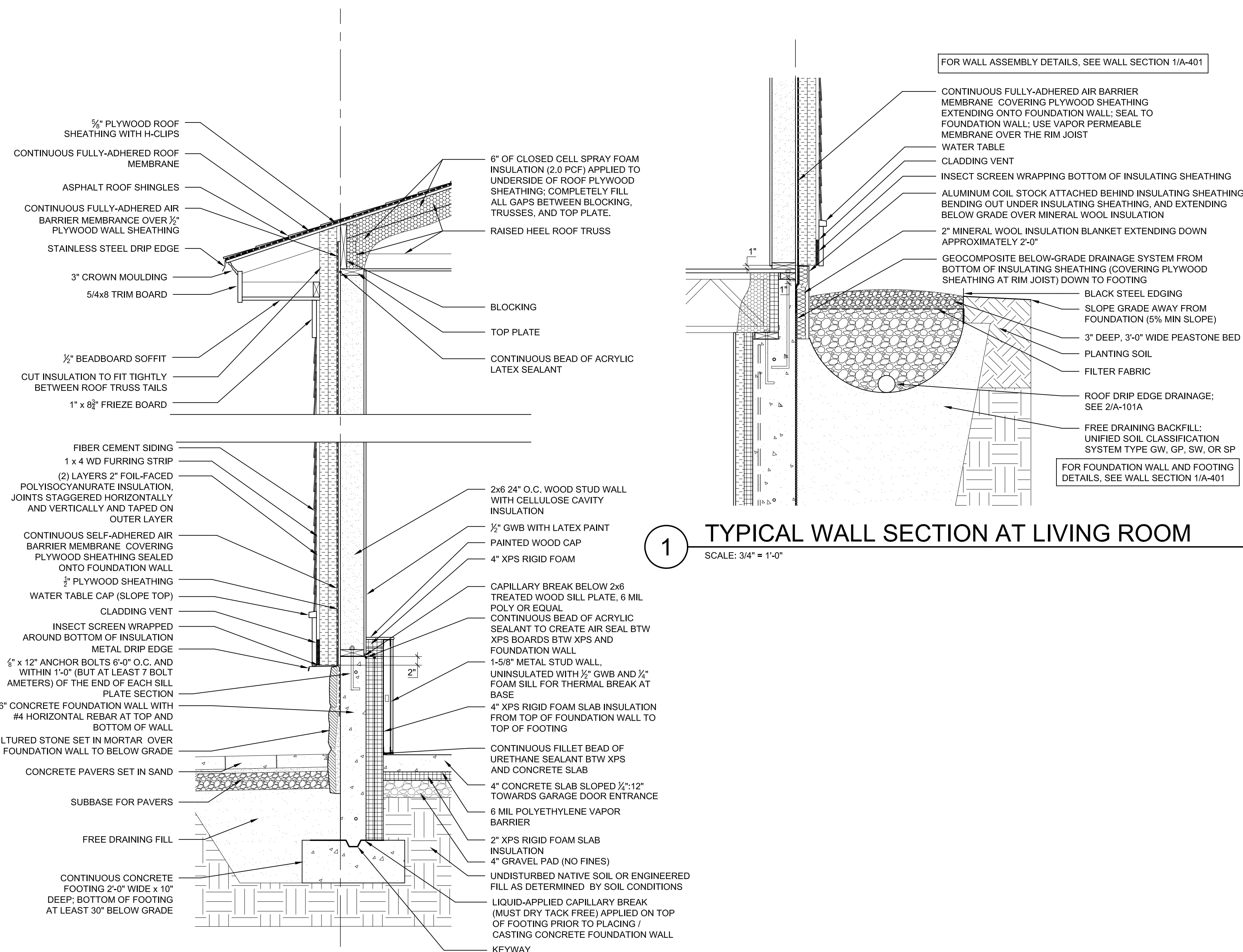
5 TYPICAL FIRST FLOOR FOUNDATION/WALL CONNECTION (PARALLEL)
SCALE: 3/4" = 1'-0"



2 EAVE DETAIL AT LIVING ROOM (NORTH WALL)
SCALE: 3/4" = 1'-0"



4 WALL SECTION AT SCREEN PORCH
SCALE: 3/4" = 1'-0"



1 TYPICAL WALL SECTION AT LIVING ROOM
SCALE: 3/4" = 1'-0"

3 WALL SECTION AT GARAGE
SCALE: 3/4" = 1'-0"

GENERAL SHEET NOTES

1. CONTRACTOR TO VERIFY ENGINEERED WOOD PRODUCT (EWP) MEMBER SIZES WITH EWP SUPPLIER.
2. EWP CONNECTIONS TO FOLLOW EWP SUPPLIER INSTRUCTIONS.
3. FIRST AND SECOND FLOOR SOFFITS TO ALIGN AROUND PERIMETER OF HOUSE, PORCHES AND BREZEWAY.

SHEET KEYNOTES

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National Institute of Standards and Technology

NET ZERO ENERGY RESIDENTIAL TEST FACILITY

NIST Campus
Gaithersburg, MD



U.S. DEPARTMENT OF ENERGY Energy Efficiency & Renewable Energy

MARK	DATE	DESCRIPTION
	08/03/10	UPDATED
	07/27/10	UPDATED
	06/29/10	UPDATED
ISSUE:	03/31/10	ISSUED FOR CONSTRUCTION

PROJECT NO: NIST NZERTF
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WALL SECTIONS

SCALE AS NOTED

A-402