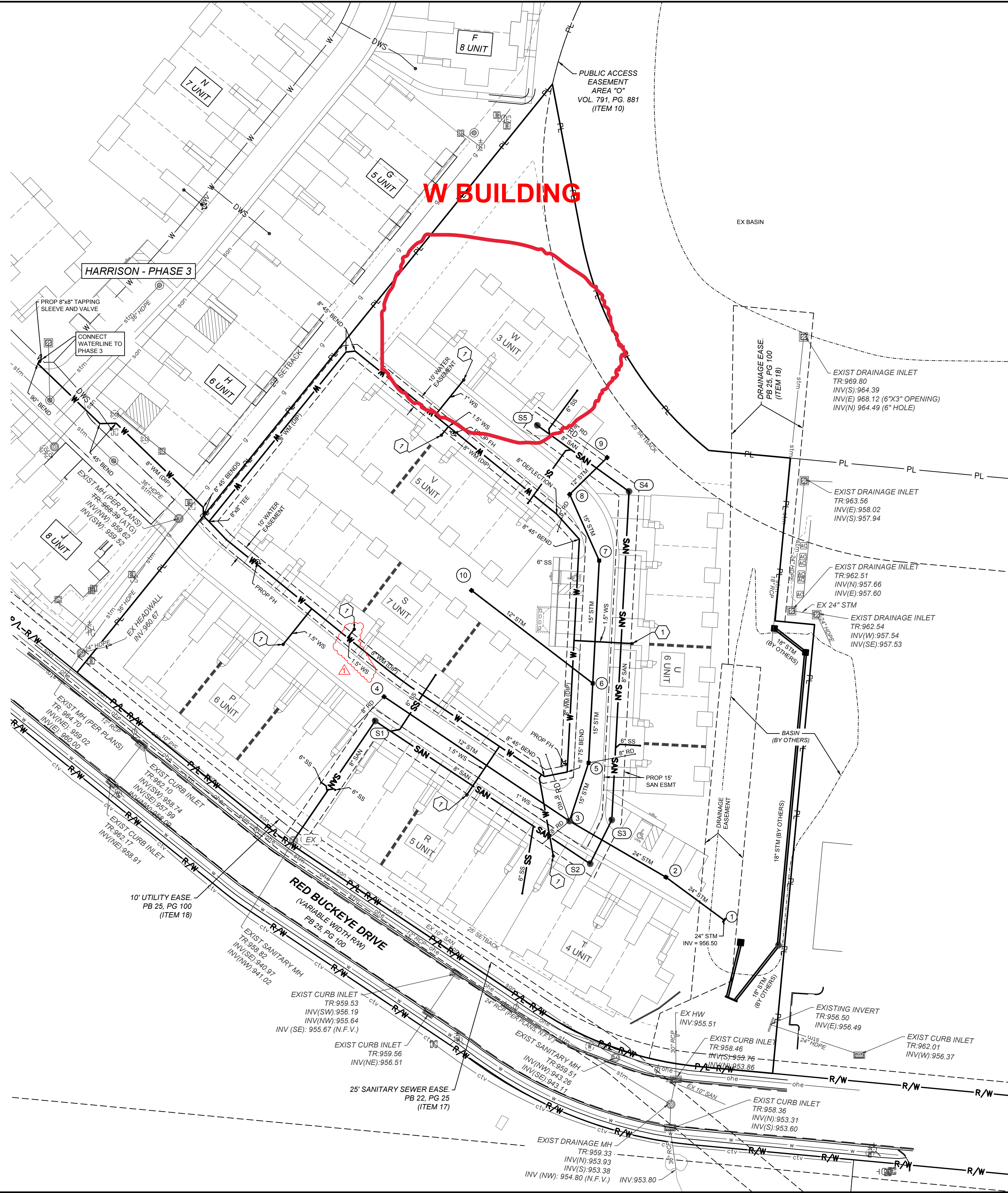


PLOT SCALE: 1" = 10' DATE: 7/13/22 - 12:10 PM EDITED BY: AALDIS DRAWING FILE: C:\2021\10024\10 DRAWINGS\CIVIL\CONSTRUCTION DOCUMENTS\CONSTRUCTION DOCUMENTS\2021.00241.CE.CD.U.P.DWG



UTILITY LEGEND

- SAN — SANITARY GRAVITY
- SS — SANITARY SERVICE
- W — WATERLINE
- WS — WATER SERVICE
- STM — STORM SEWER
- RD — PROP 8" ROOF DRAINS
- CATCH BASIN
- SANITARY MANHOLE
- ⊕ FIRE HYDRANT
- ⊙ WATER VALVE

NOTES:

1 WATER METER PER HUBER HEIGHTS STD DWG WT-3.0 FOR 1" SERVICES; AND MONTGOMERY COUNTY STD DWG 2MTRPIT FOR 1.5" SERVICES. REF DETAILS SHEET C102.

Redwood
APARTMENT NEIGHBORHOODS

AMERICAN STRUCTUREPOINT INC.

2590 Corporate Exchange Dr., Ste. 300 | Columbus, Ohio 43231
TEL: 614.901.2235 | FAX: 614.901.2236
www.structurepoint.com

SITE CONSTRUCTION DOCUMENTS
FOR
HARRISON IV
HUBER HEIGHTS, MIAMI COUNTY, OHIO

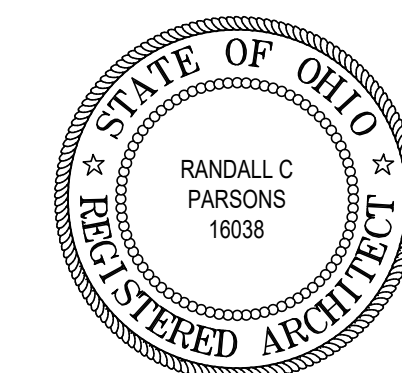
UTILITY PLAN

REVISIONS	DATE	SHEET NO.	DESCRIPTION
Δ	07/13/22	C400	WATER SERVICE INCREASED TO 1.5" FOR BLDG 5

CONSTRUCTION SET
ISSUED FOR CONSTRUCTION
07/13/2022

DATE:	6/7/2022
DRAWN BY:	APA
CHECKED BY:	BDS
JOB NUMBER:	2021.00241

C400



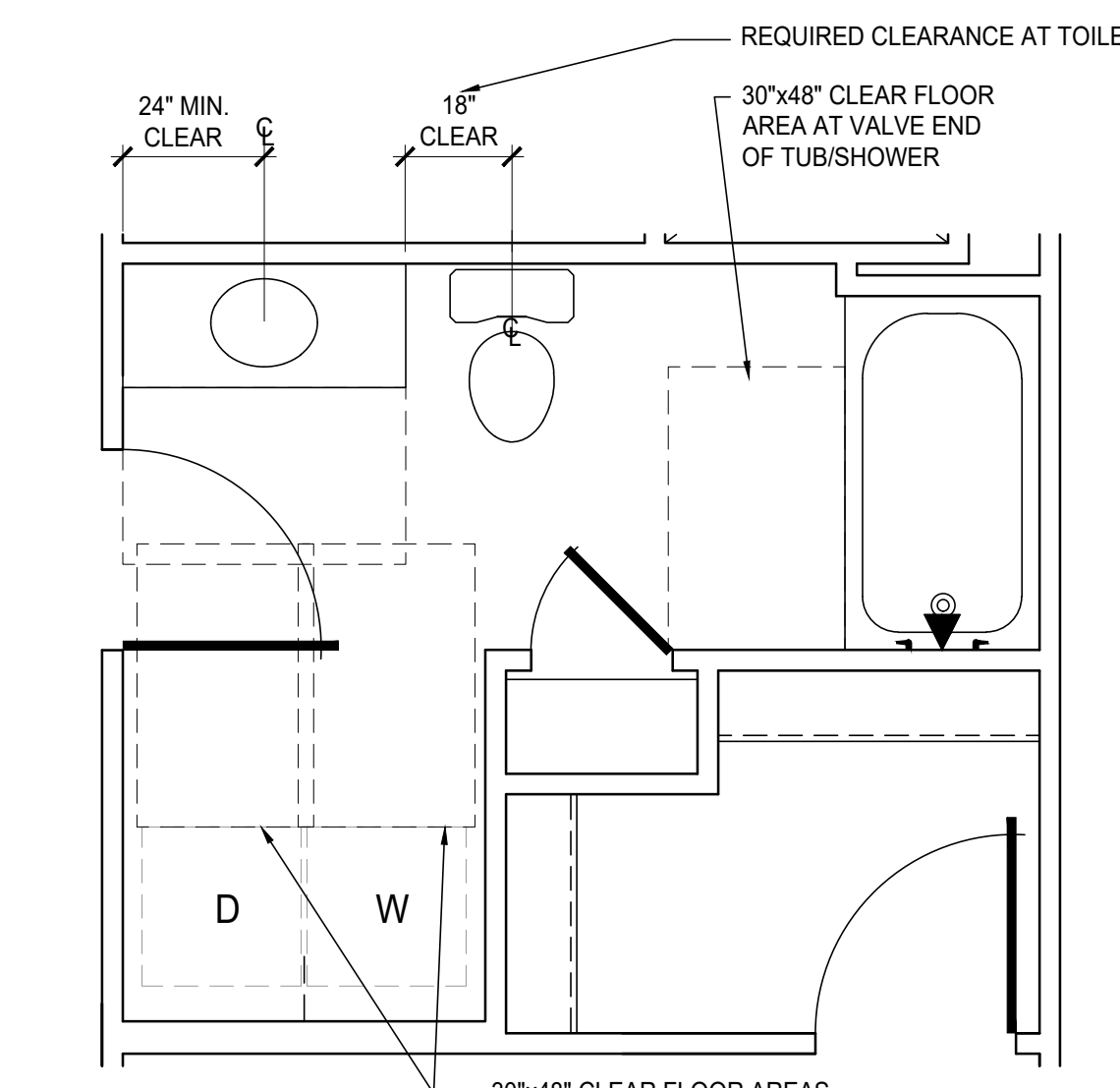
All Redwood Contractors and Subcontractors

The construction of all Redwood apartments and site improvements must comply with all FHA (Fair Housing Act) standards and accessibility requirements. All contractors are required to build Redwood apartment units based on site specific plans and follow the FHA details as described on all of the items noted on these three FHA sheets. Construction that does not follow FHA accessibility requirements will not be accepted by Redwood.

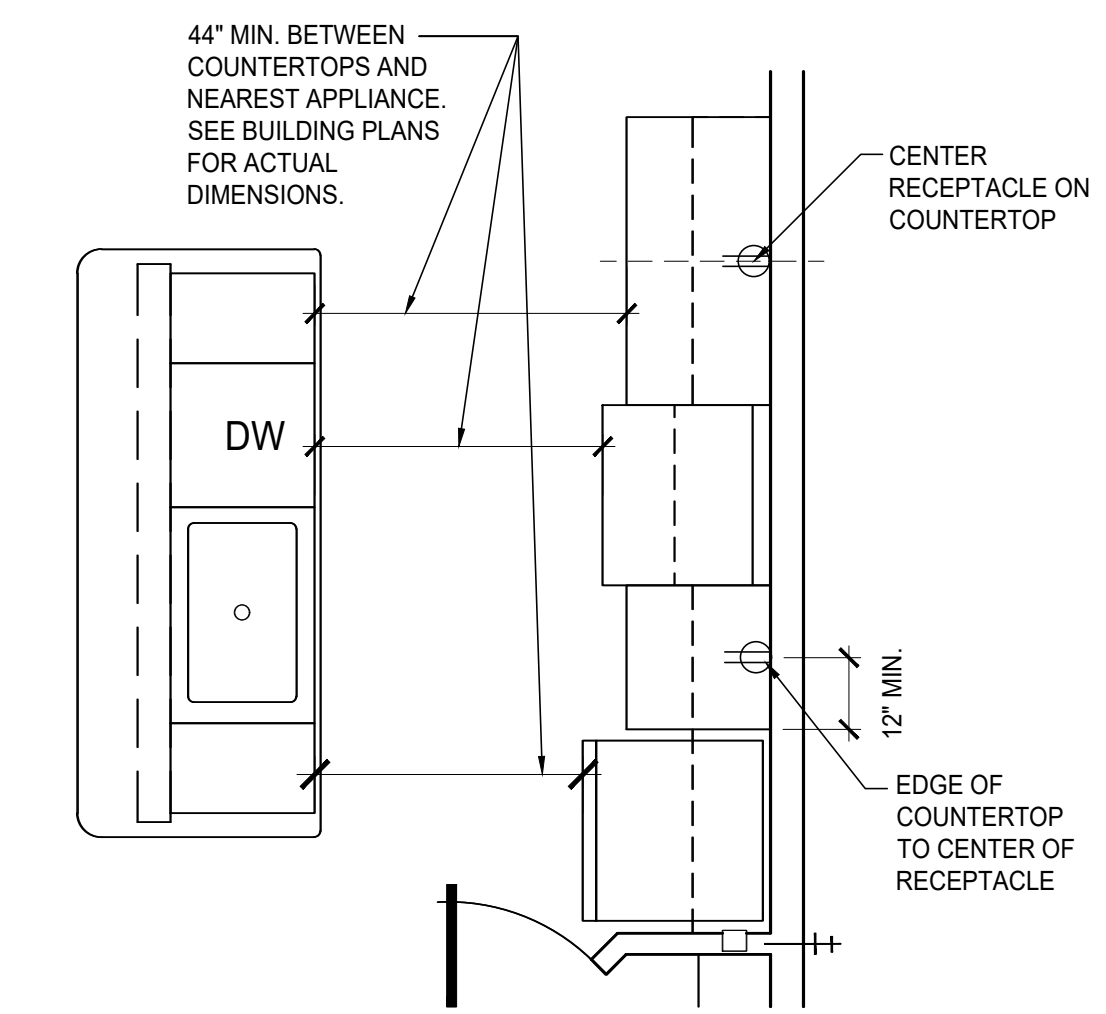
phone 330.666.5770
 fax 330.666.8812
MPG
 MANN • PARSONS • GRAY ARCHITECTS
 3660 Embassy Parkway
 Fairlawn, OH 44333
 mpg-architects.com

FHA DESIGN STANDARDS
 PROJECT #: 31121
 DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 46371

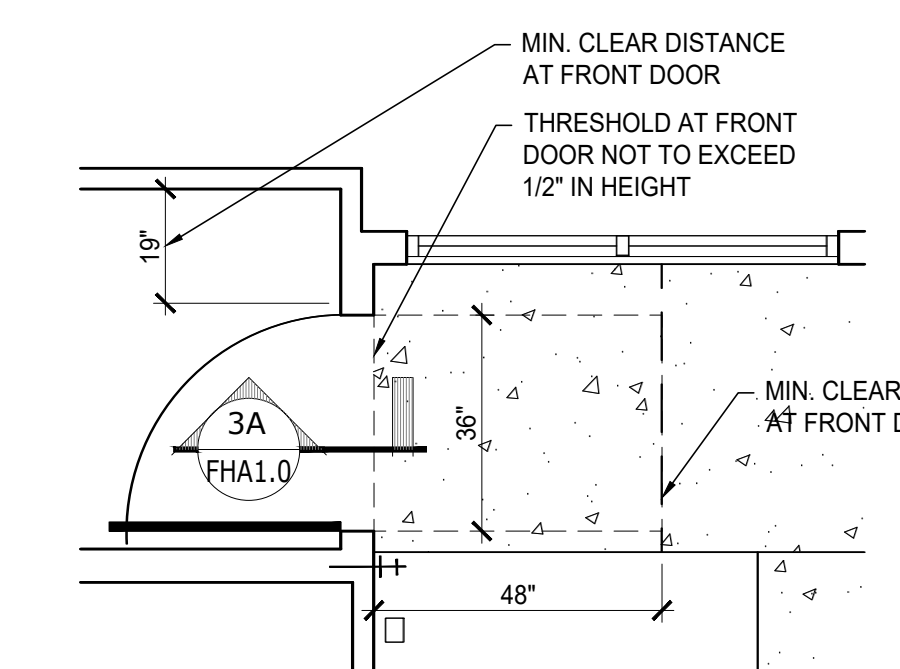
FHA 1.0
 1 OF 3



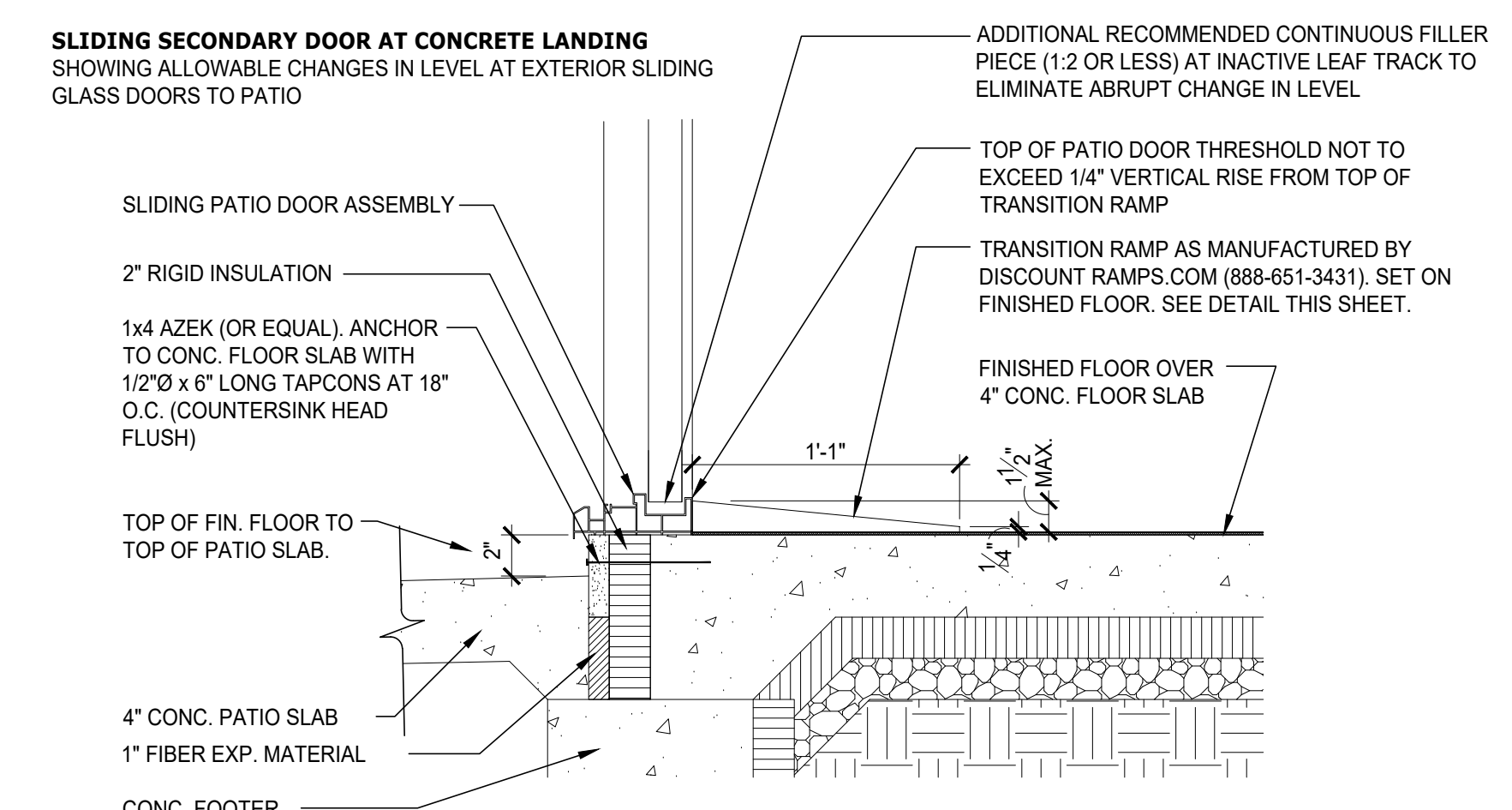
7 TYP. MAIN BATHROOM
 SCALE: 3/8" = 1'-0" MEADOWWOOD, CAPEWOOD, WILLOWOOD (SIM.)



5 UNITS WITH ISLAND KIT
 SCALE: 3/8" = 1'-0"

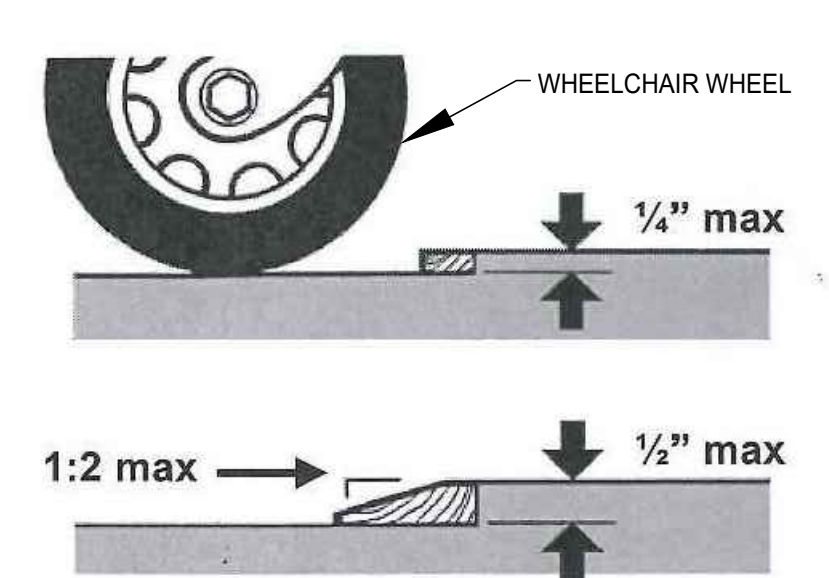


3 TYP. FRONT DOOR
 SCALE: 3/8" = 1'-0"

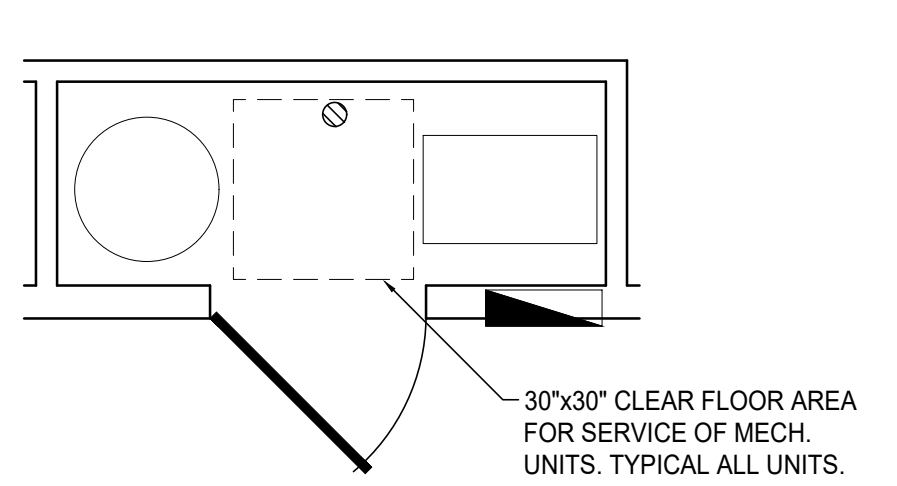


FHA COMPLIANT PATIO THRESHOLD / STEP DETAIL
 NO SCALE

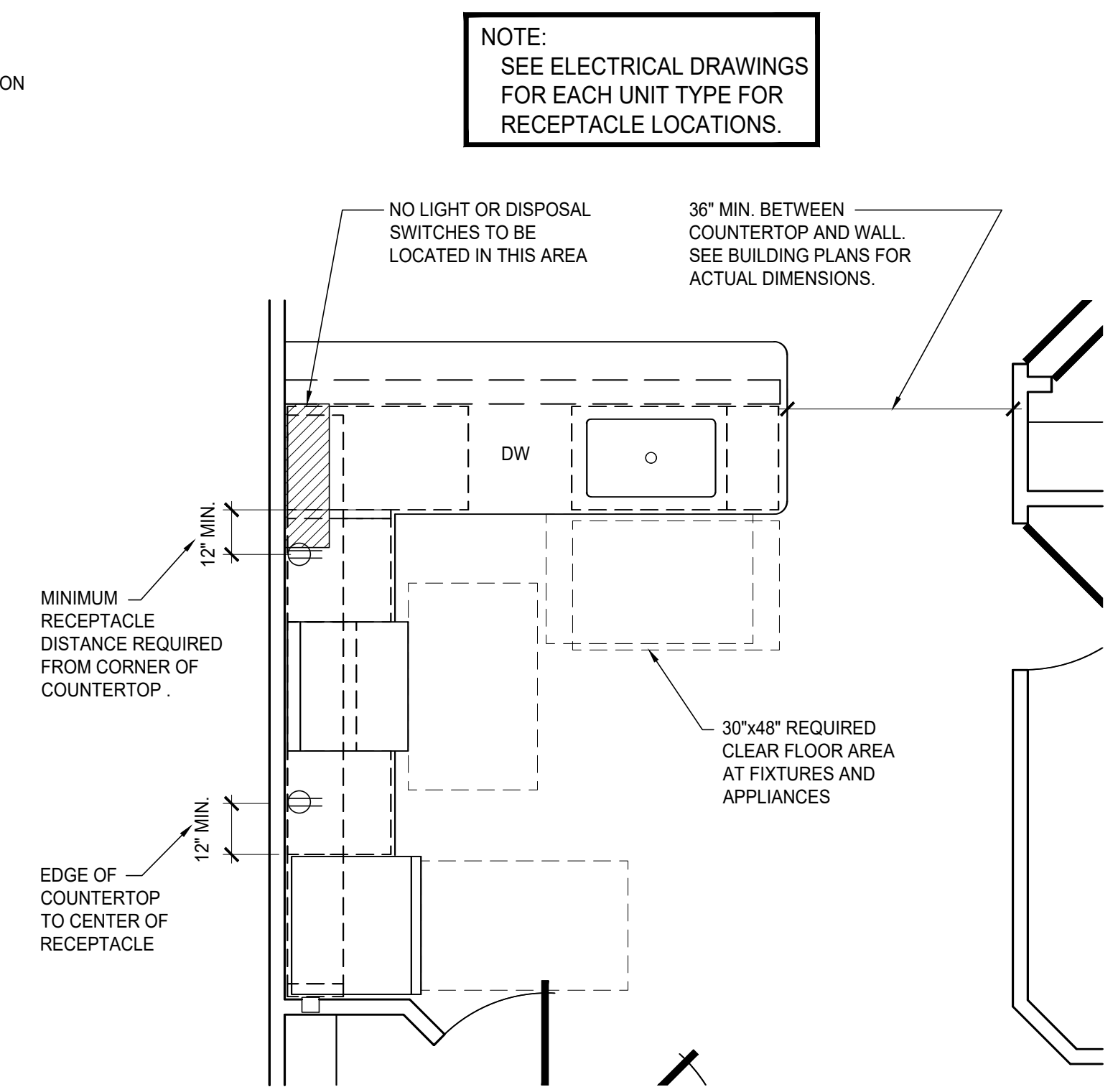
Small Level Changes within the Unit



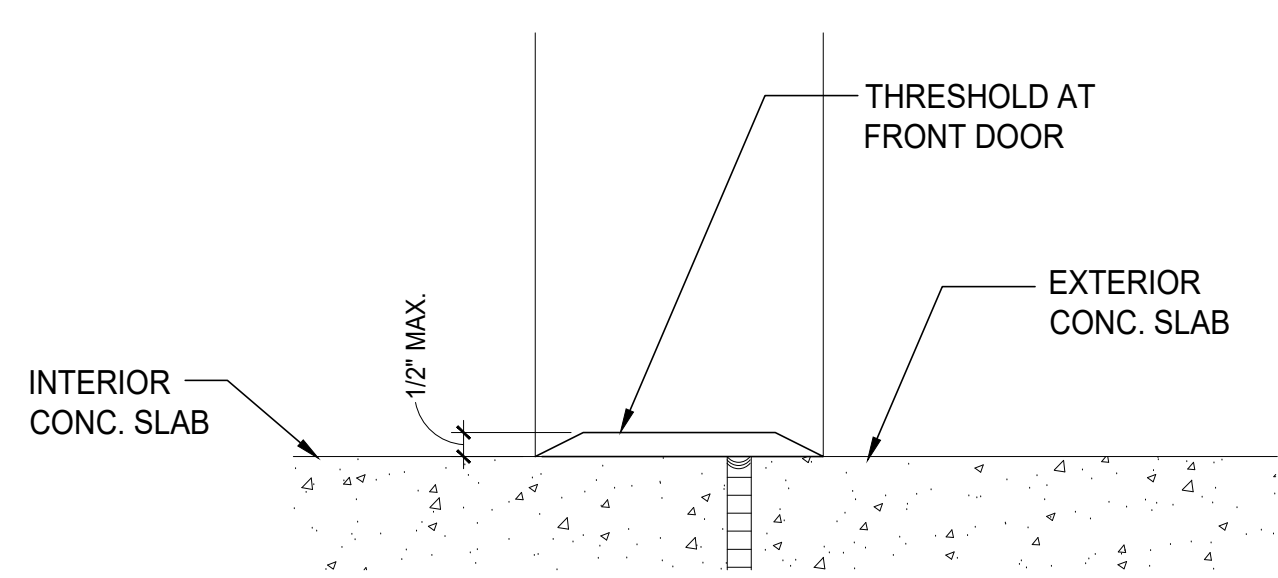
CARPET/SHEET VINYL/PLANK FLOOR TRANSITION STRIP DETAIL
 NO SCALE



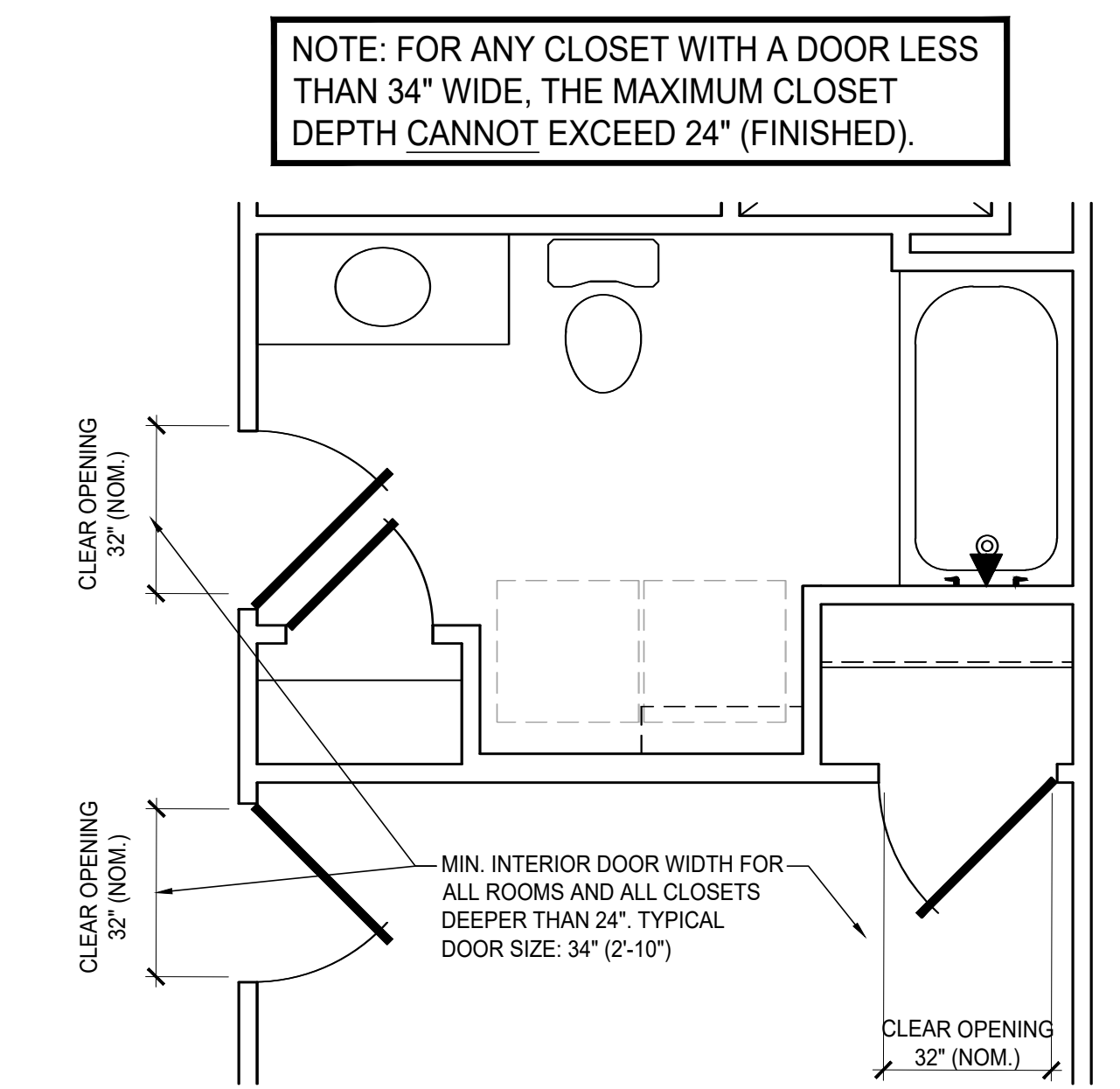
6 TYP. MECH. ROOM
 SCALE: 3/8" = 1'-0"



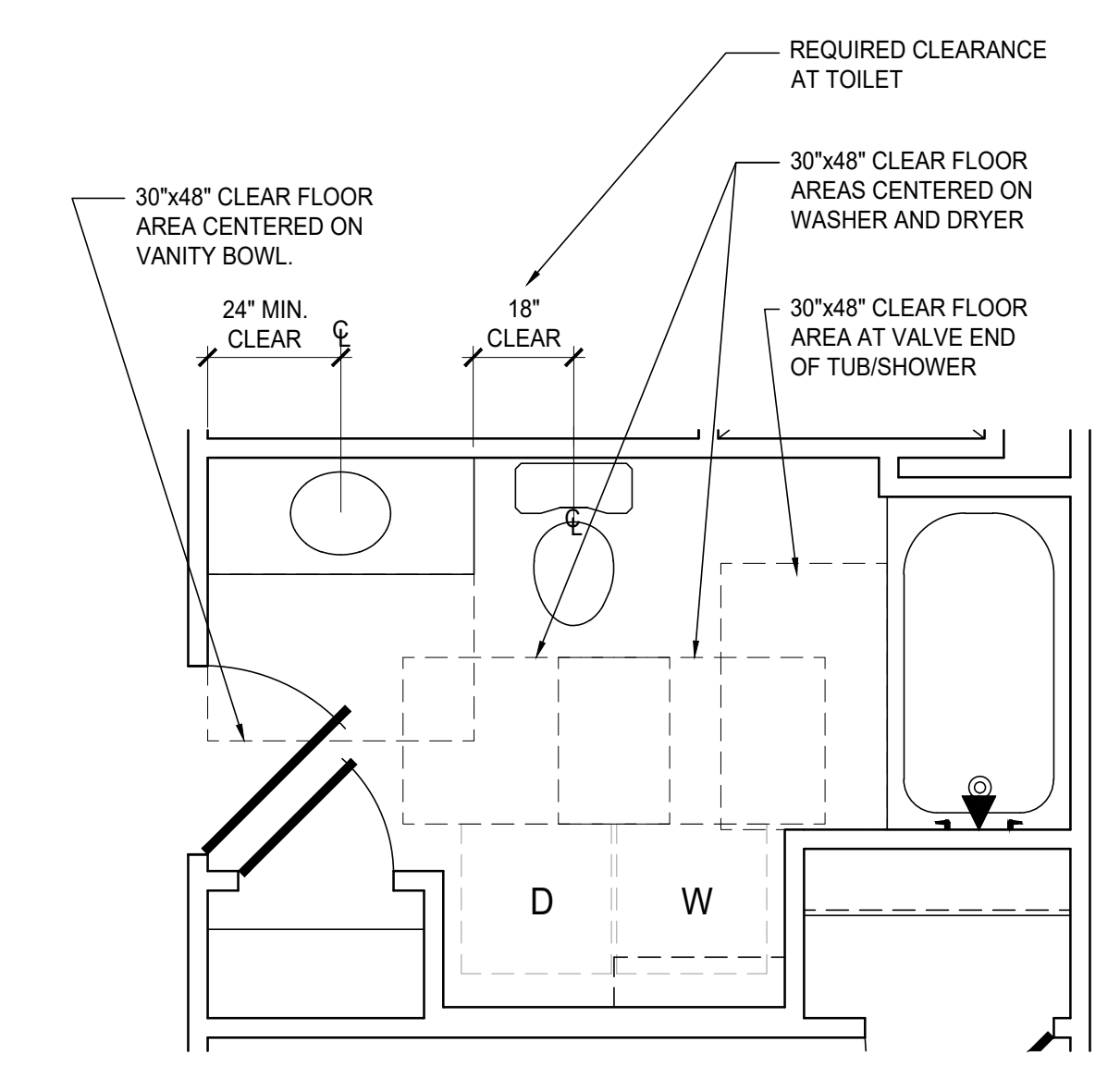
4 UNITS WITH PENINSULA KIT
 SCALE: 3/8" = 1'-0"



3A THRESHOLD DETAIL
 SCALE: 3" = 1'-0"



2 TYP. INTERIOR DOOR
 SCALE: 3/8" = 1'-0"



1 TYP. MAIN BATHROOM
 SCALE: 3/8" = 1'-0" FORESTWOOD, HAYDENWOOD, BREEZEWOOD



All Redwood Contractors and Subcontractors

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phone 330.666.5770
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FHA DESIGN STANDARDS

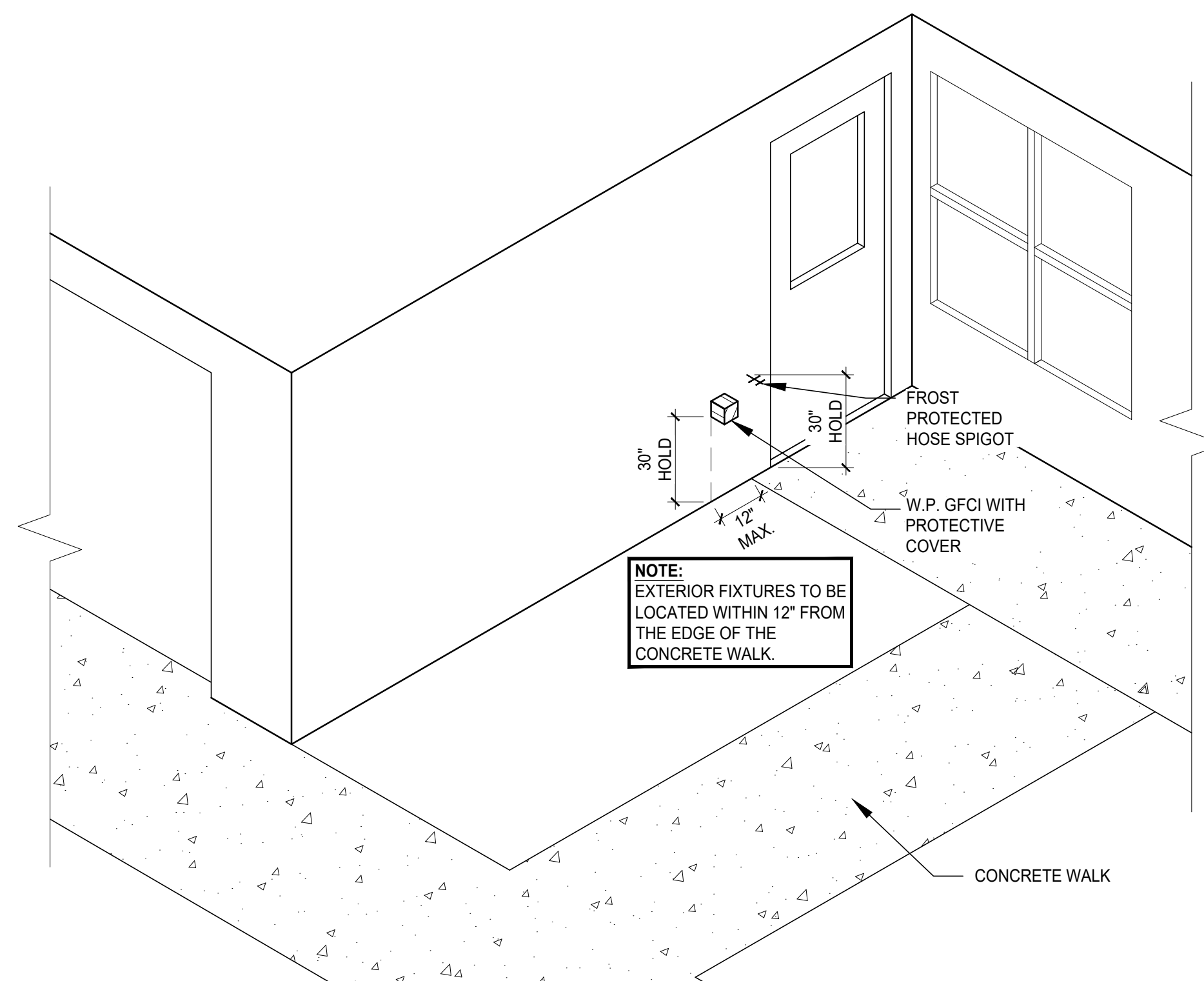
PROJECT #: 31121 DATE: APRIL 8, 2022

REDWOOD THE HARRISON PHASE IV

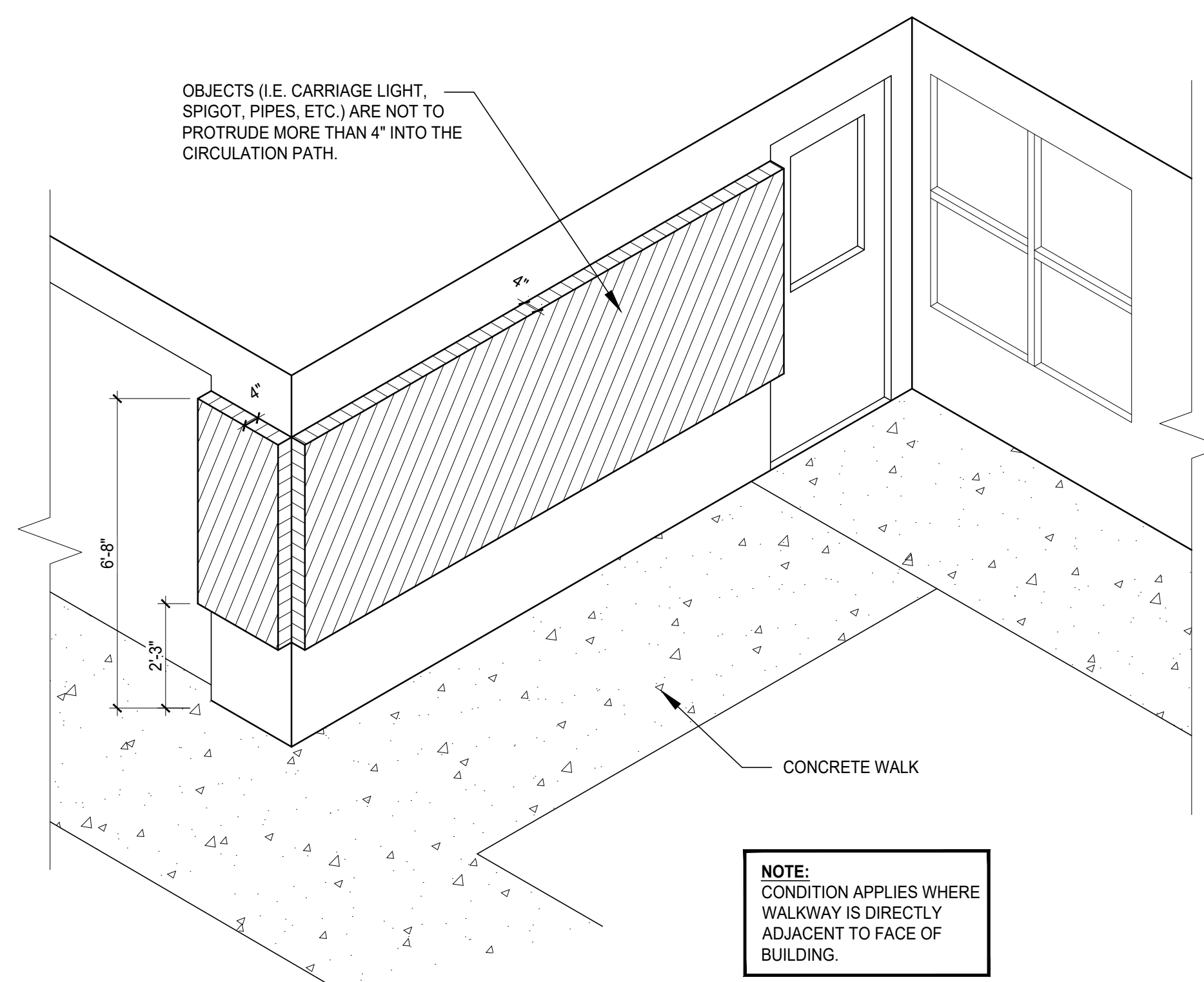
RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371



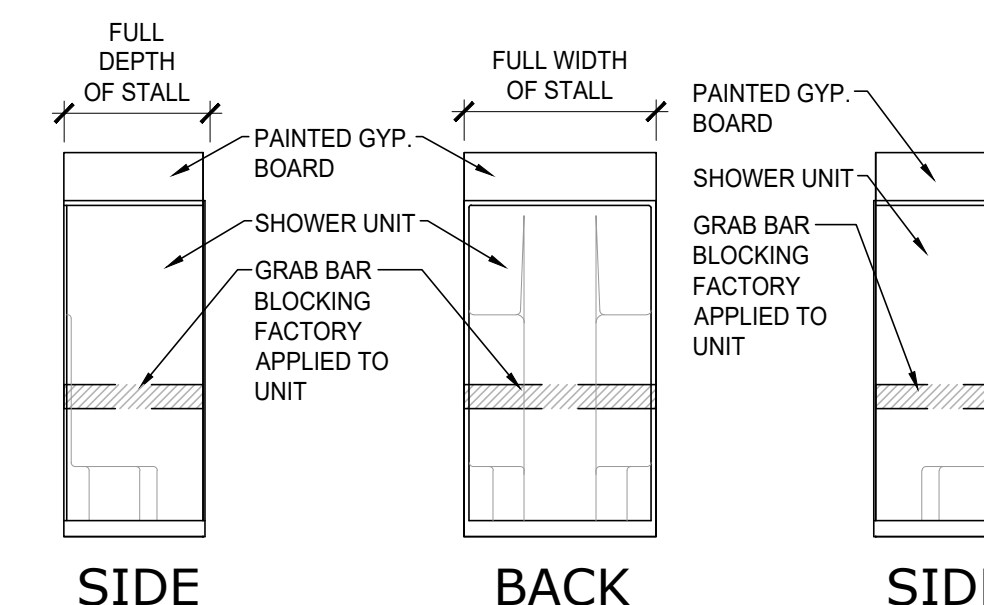
FHA 1.1
 2 OF 3



EXTERIOR FIXTURE LOCATIONS
 NO SCALE



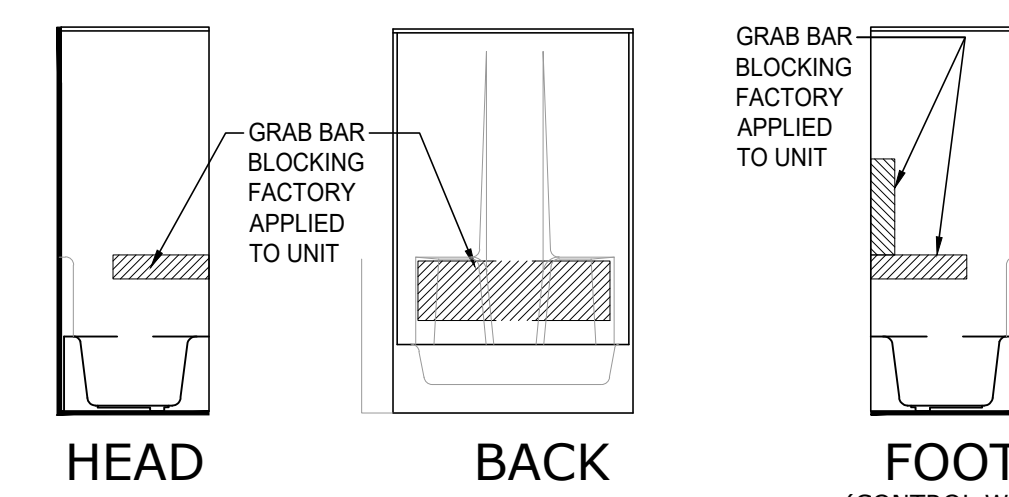
PROTRUDING OBJECT LIMITS
 NO SCALE



4 TYPICAL BLOCKING

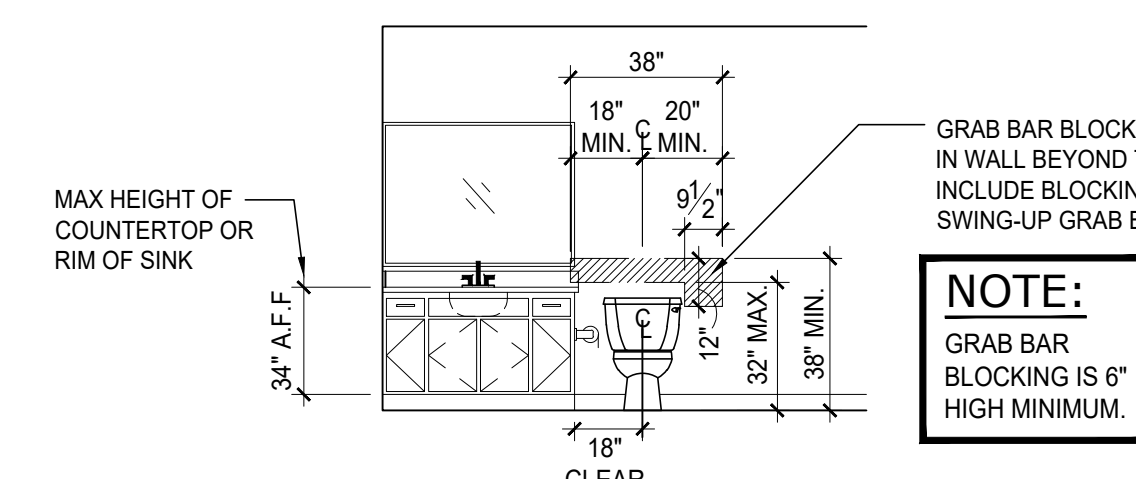
SCALE: 1/4" = 1'-0" FHA COMPLIANT SHOWER

NOTE:
 BLOCKING FOR FUTURE INSTALLATION OF GRAB BARS IS TO BE FACTORY INSTALLED BY THE MANUFACTURER OF THE FIXTURE. BLOCKING IS TO MEET ALL REQUIREMENTS OF THE RESIDENTIAL CODE INCLUDING SIZE & LOCATION AS WELL AS LOAD REQUIREMENTS



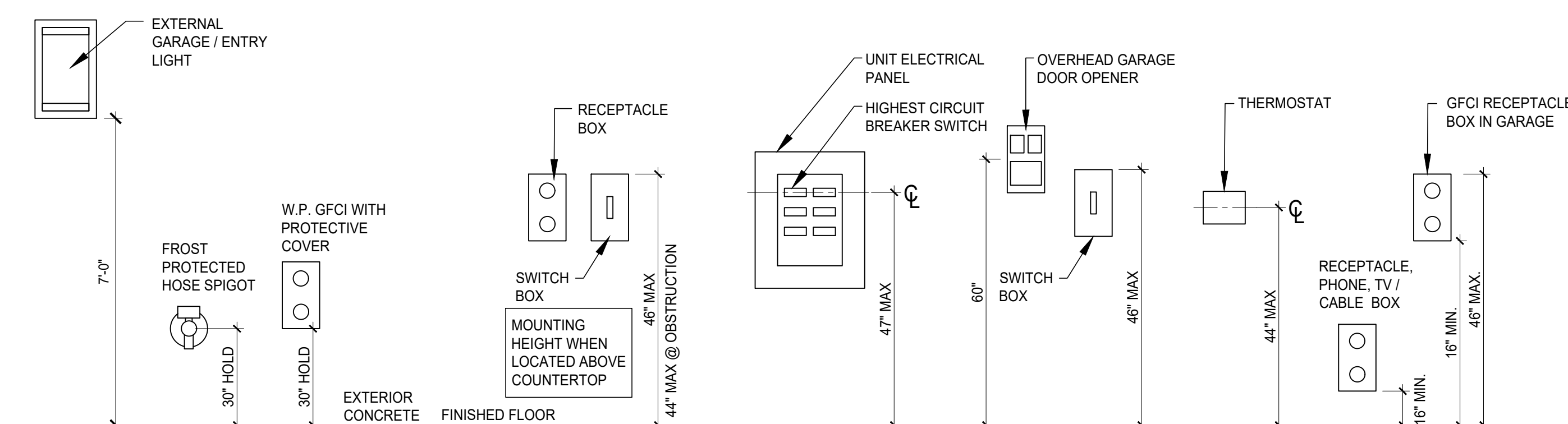
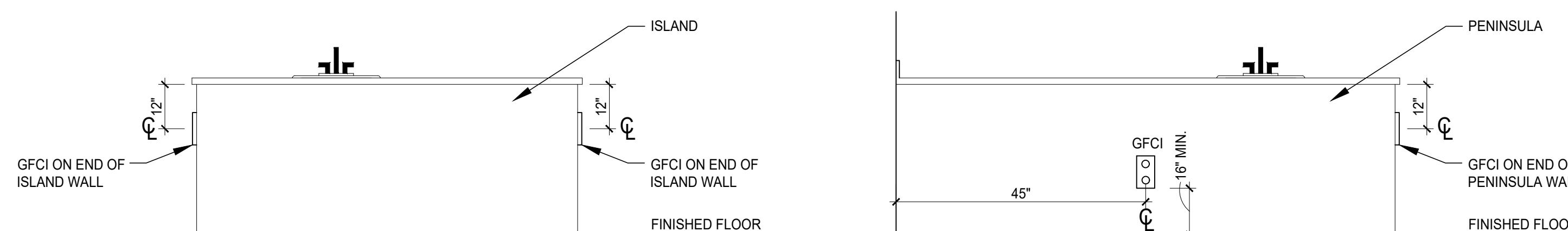
3 TYPICAL BLOCKING

SCALE: 1/4" = 1'-0" FHA COMPLIANT TUB



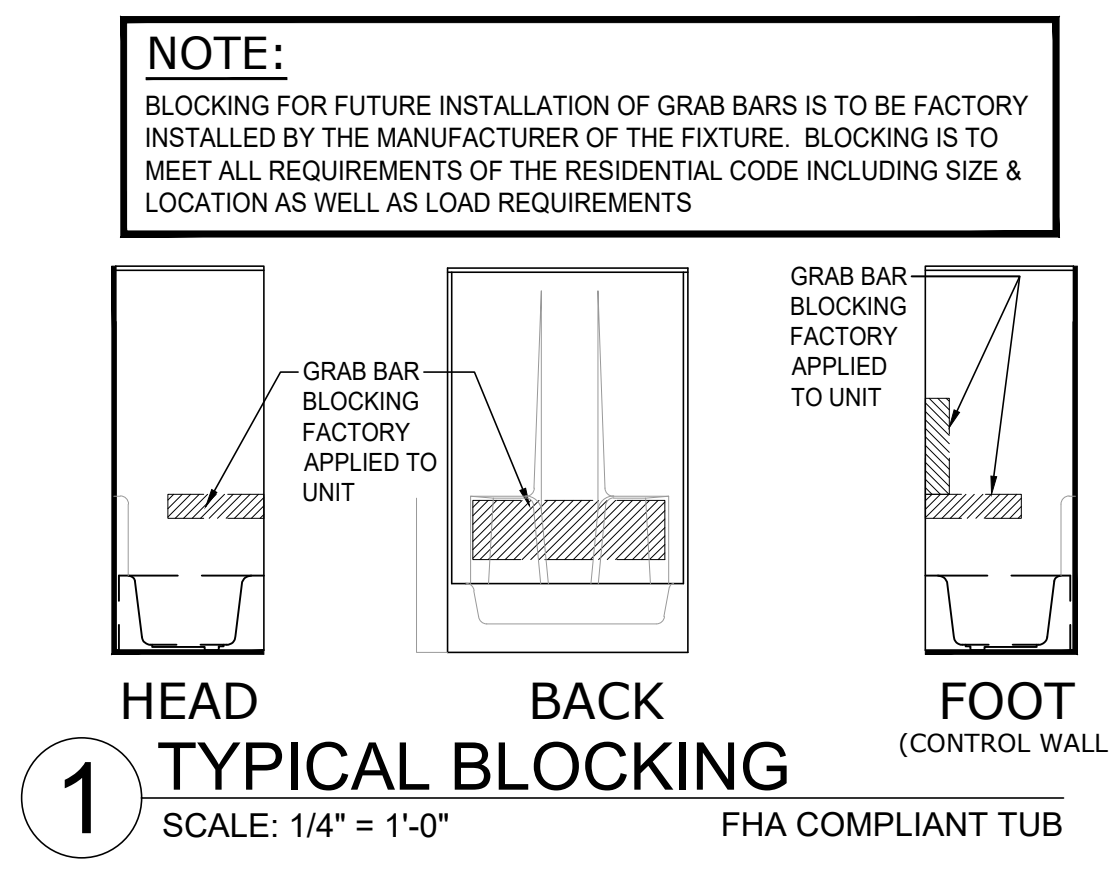
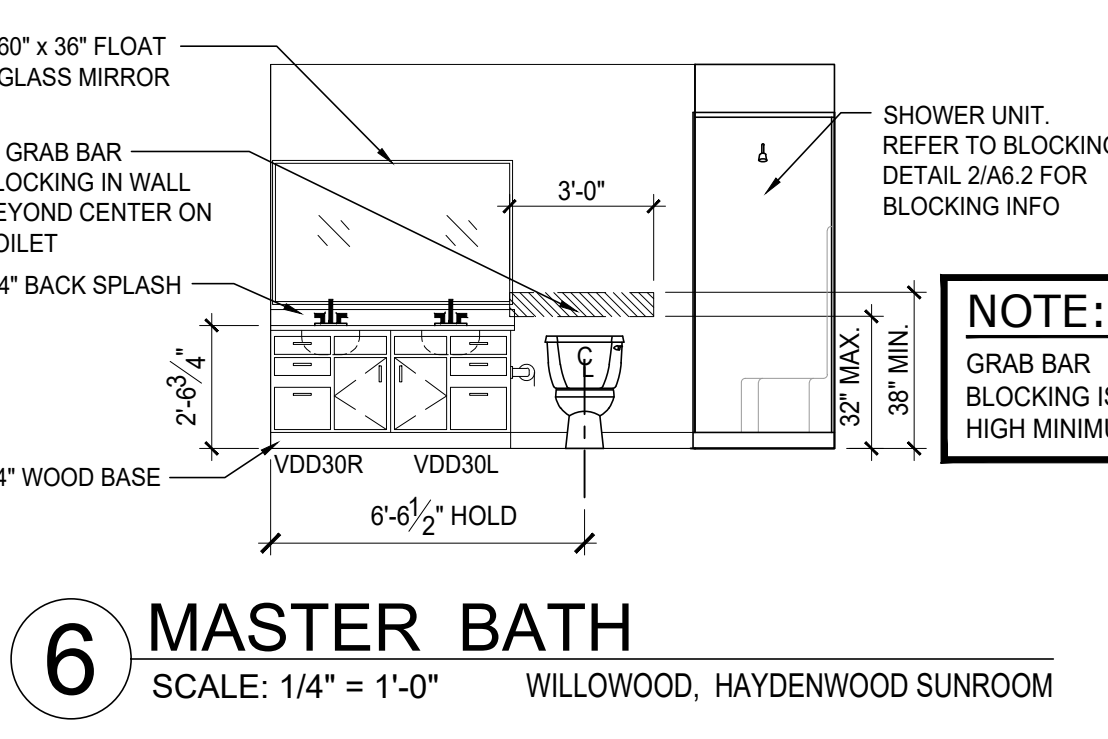
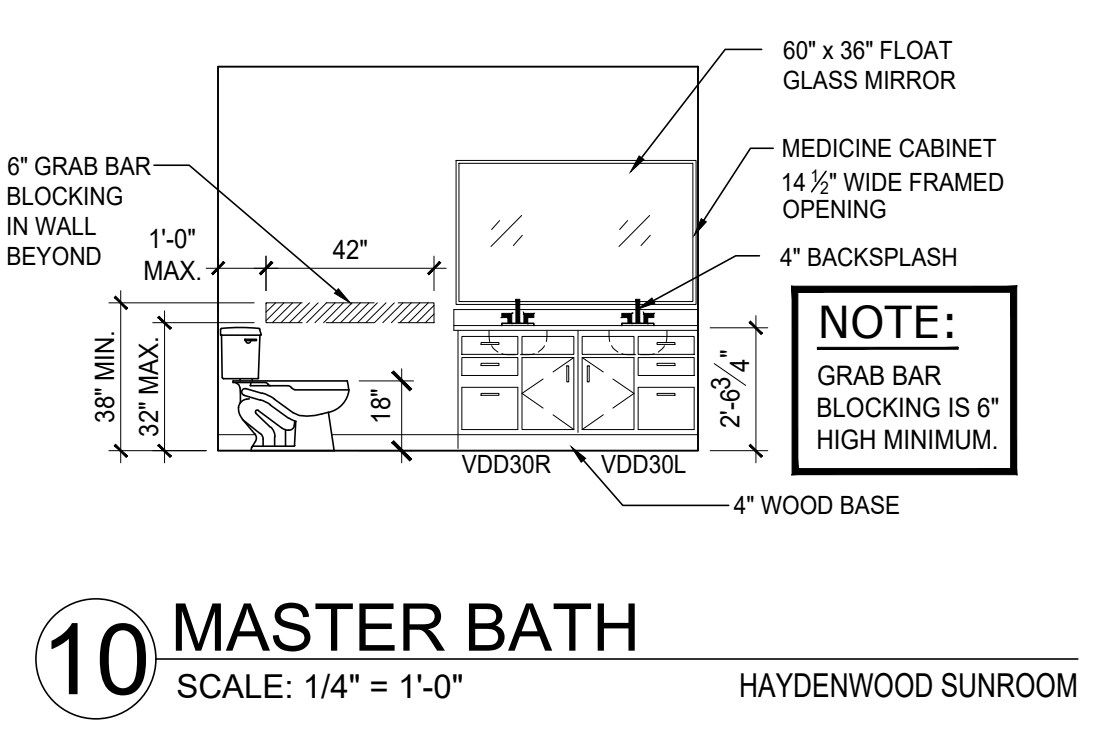
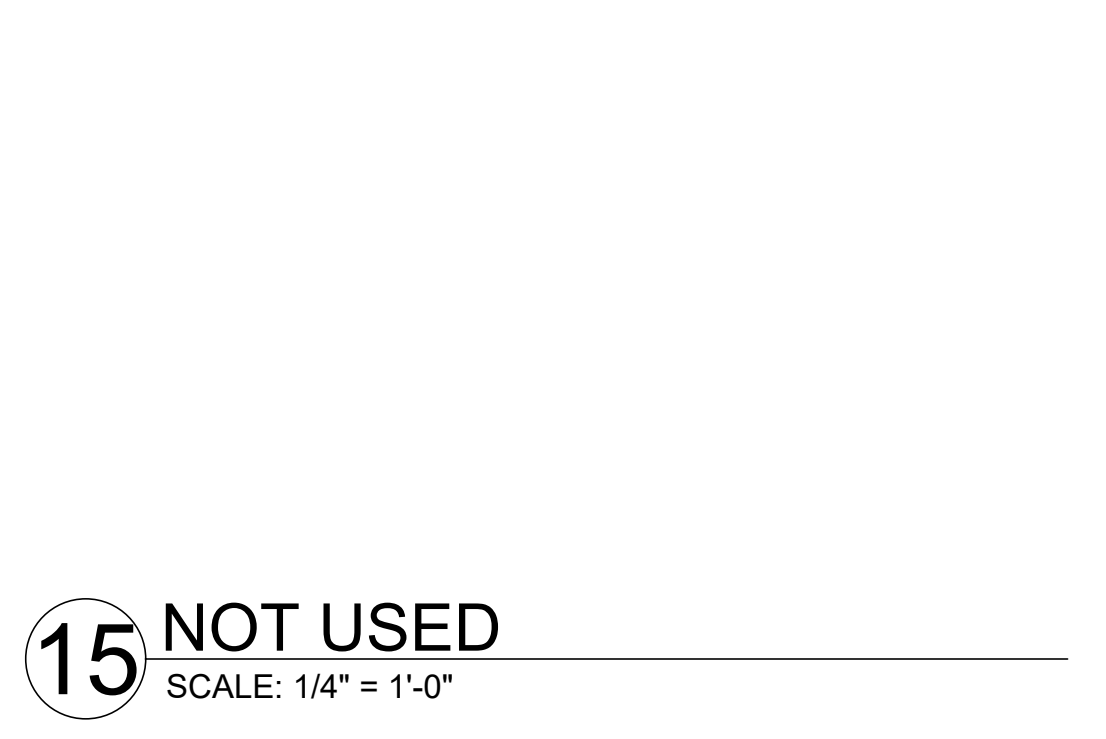
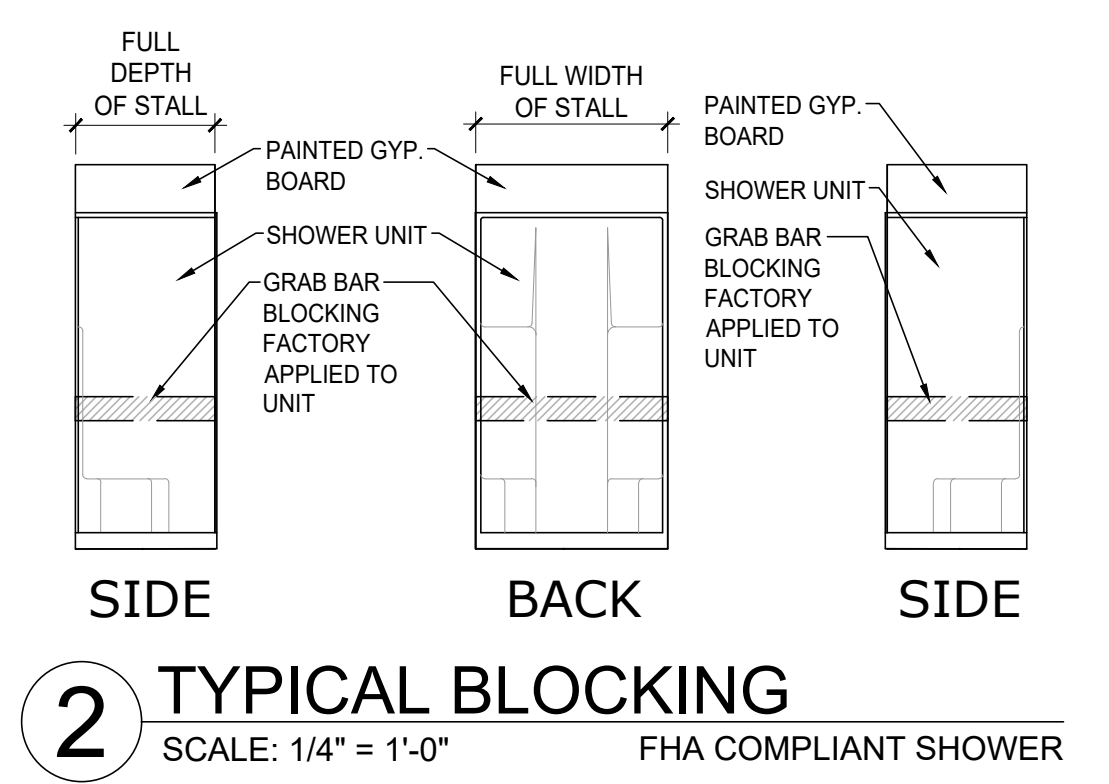
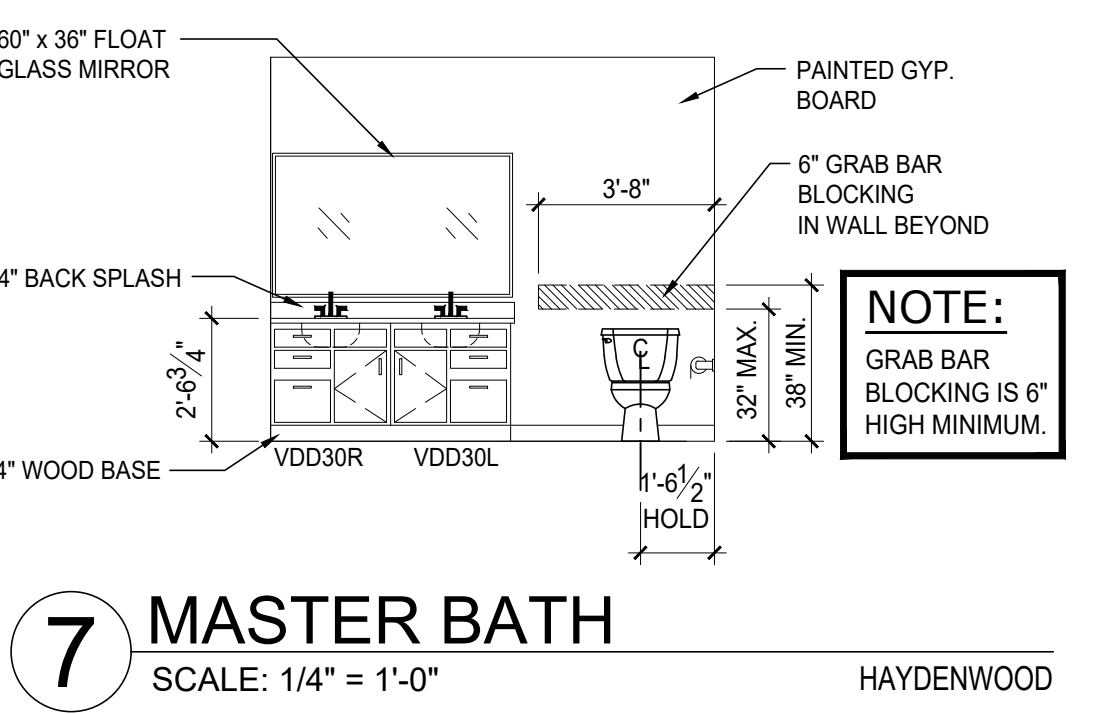
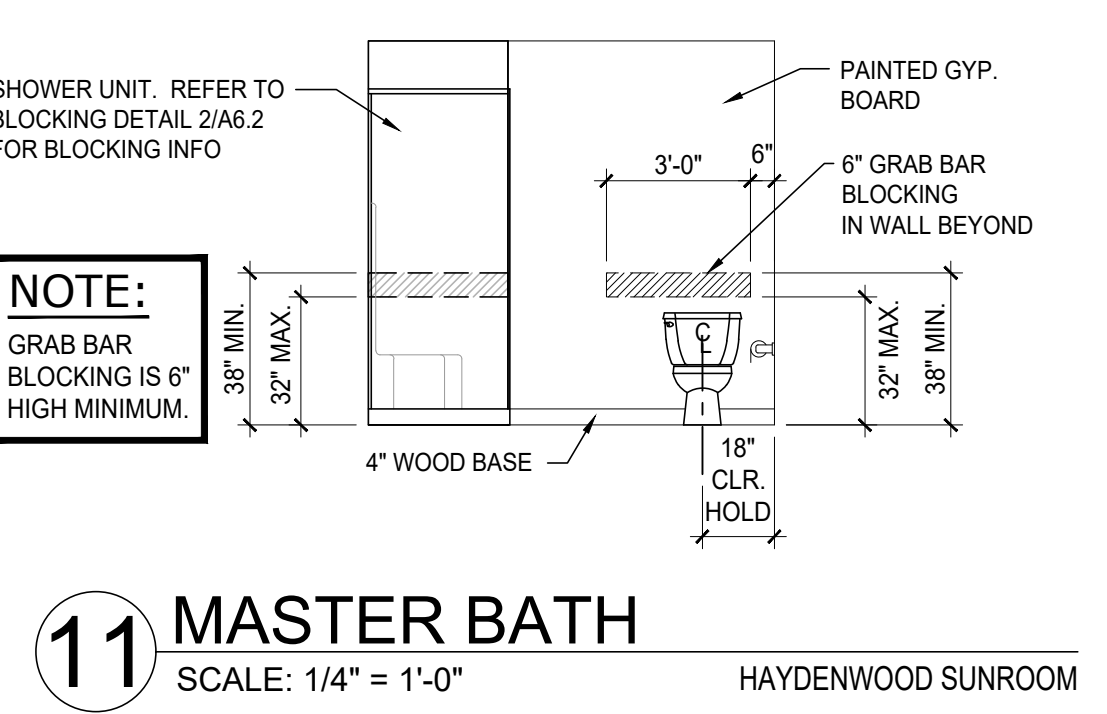
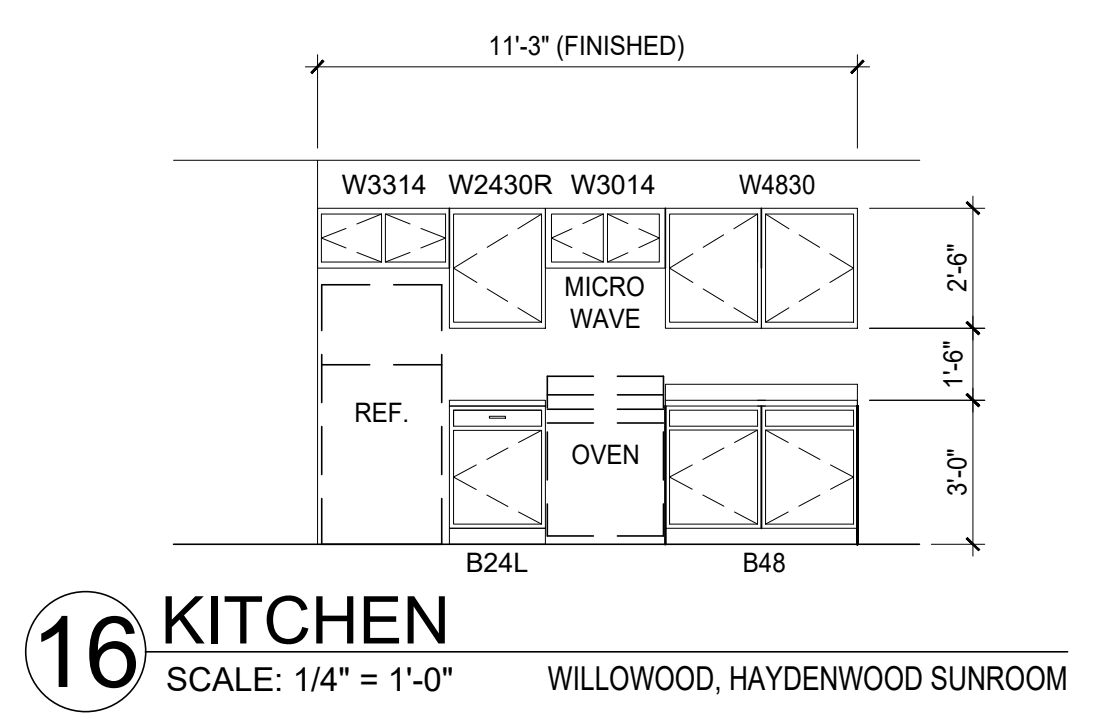
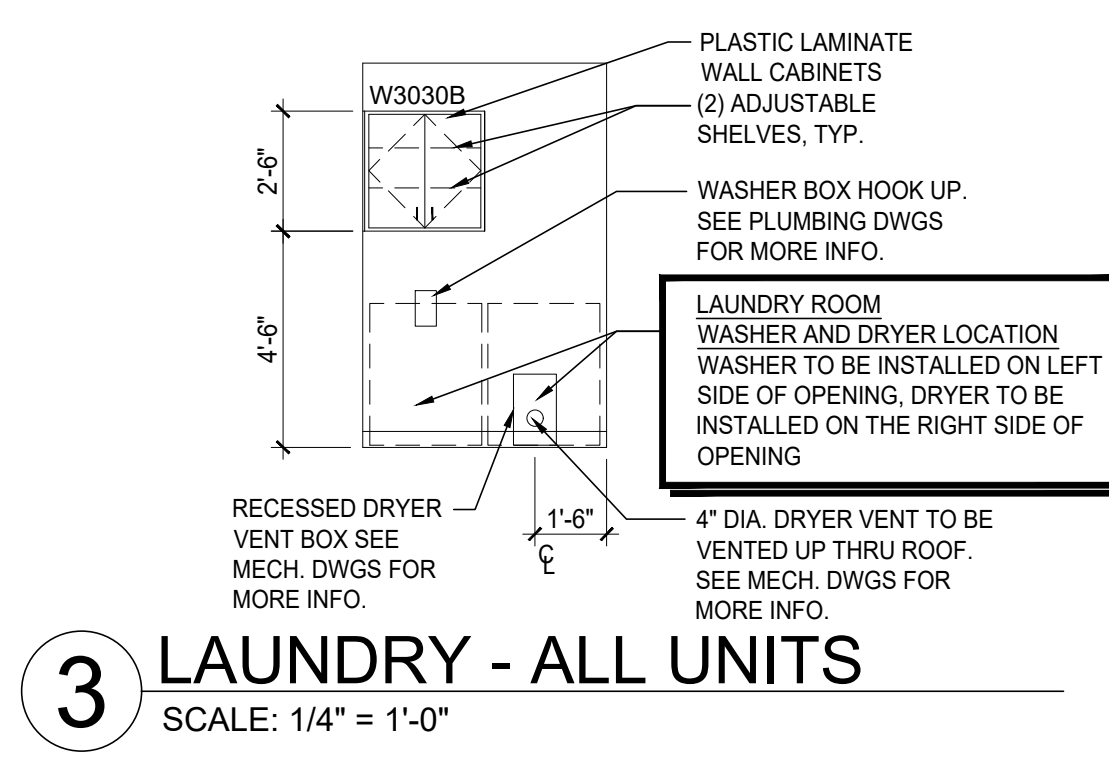
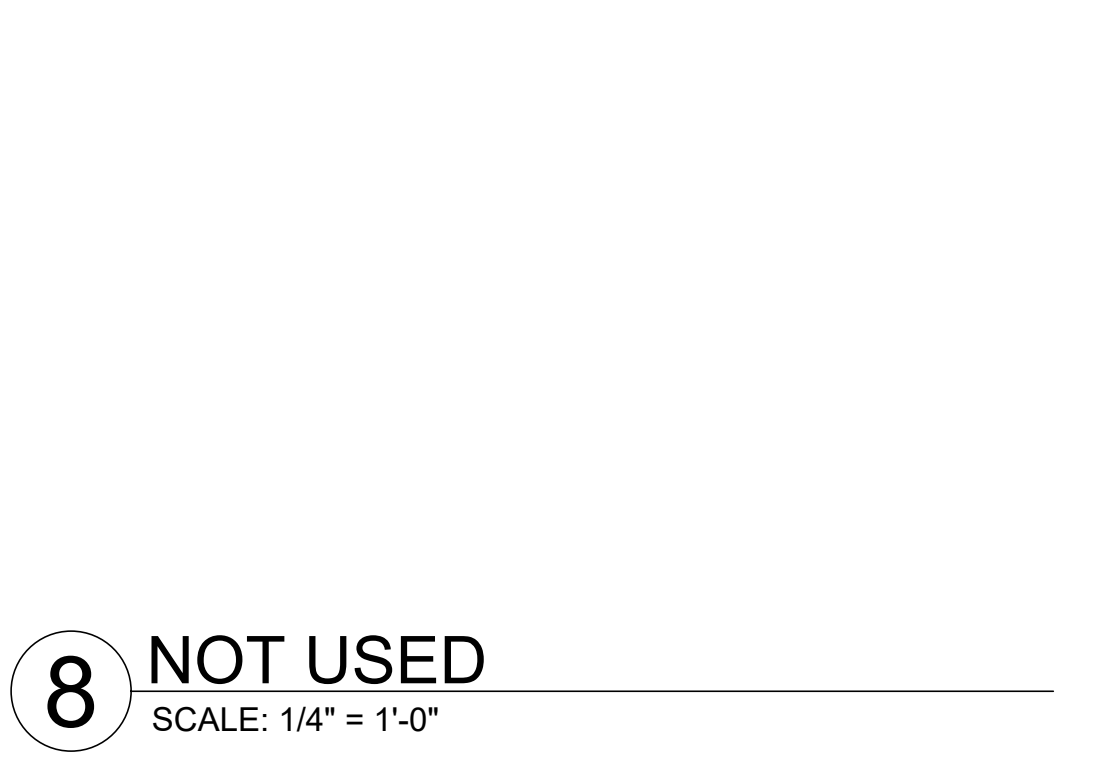
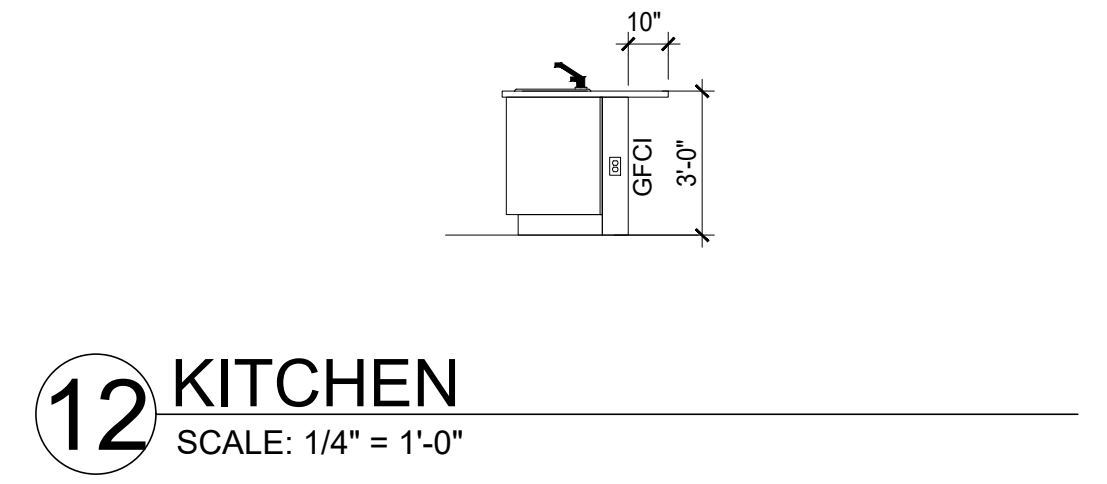
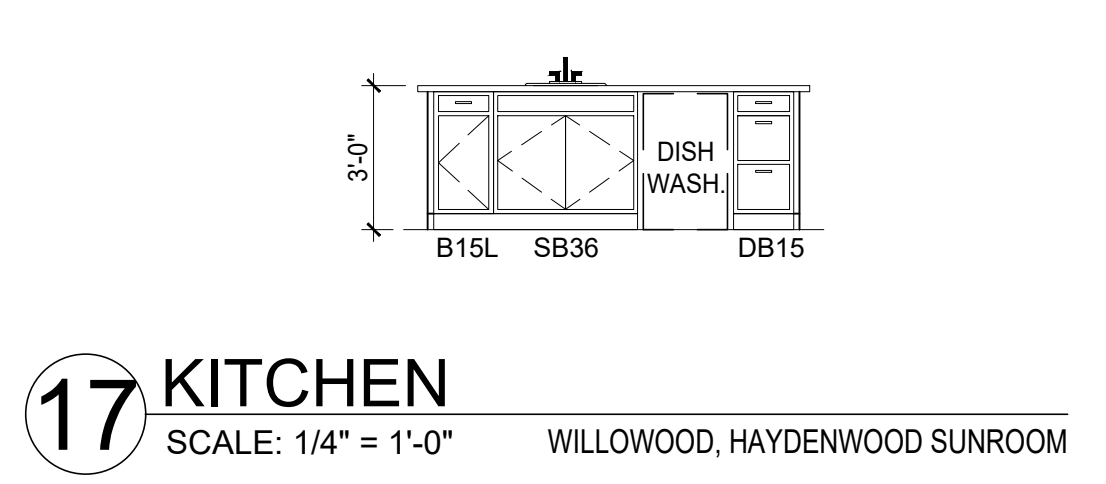
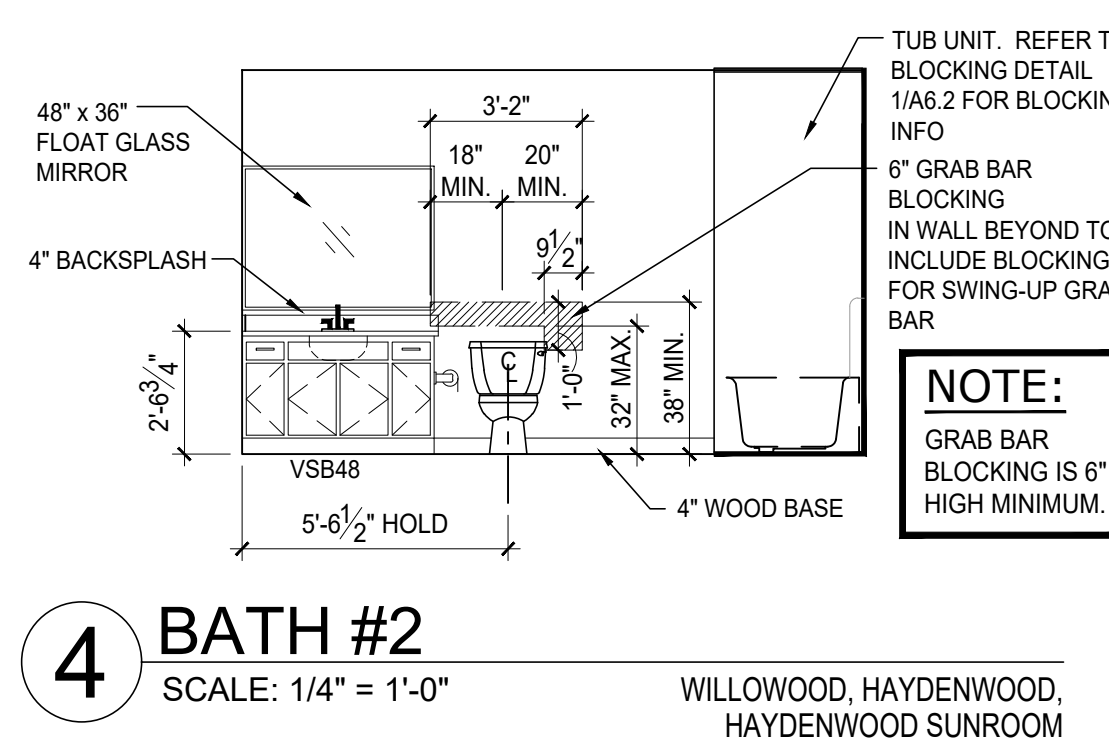
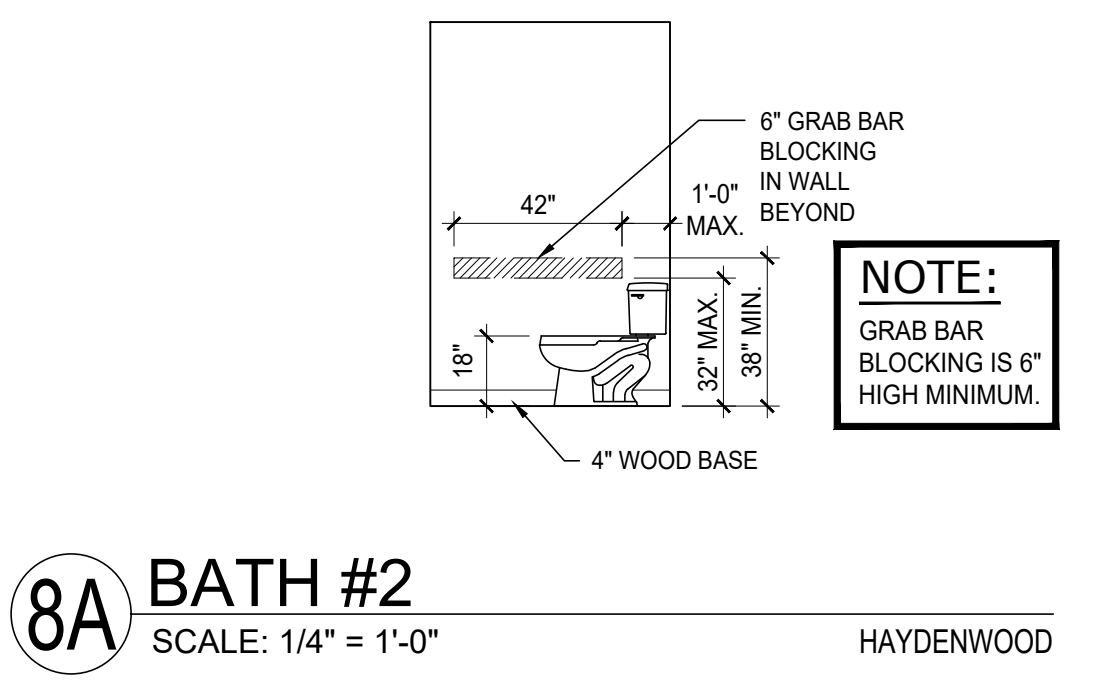
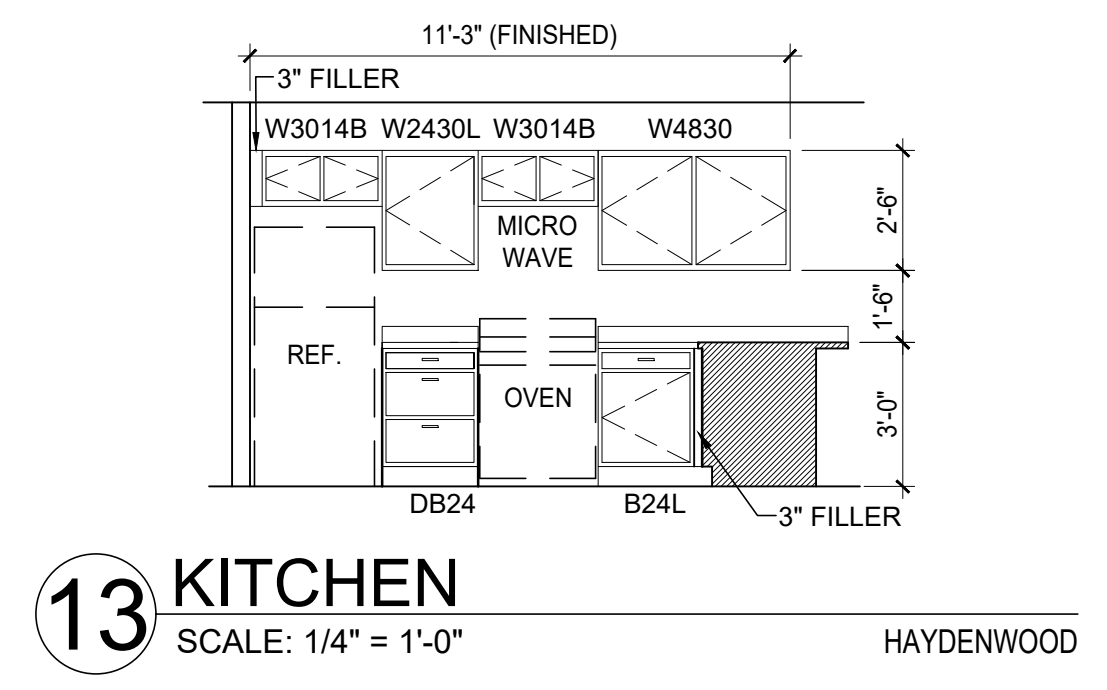
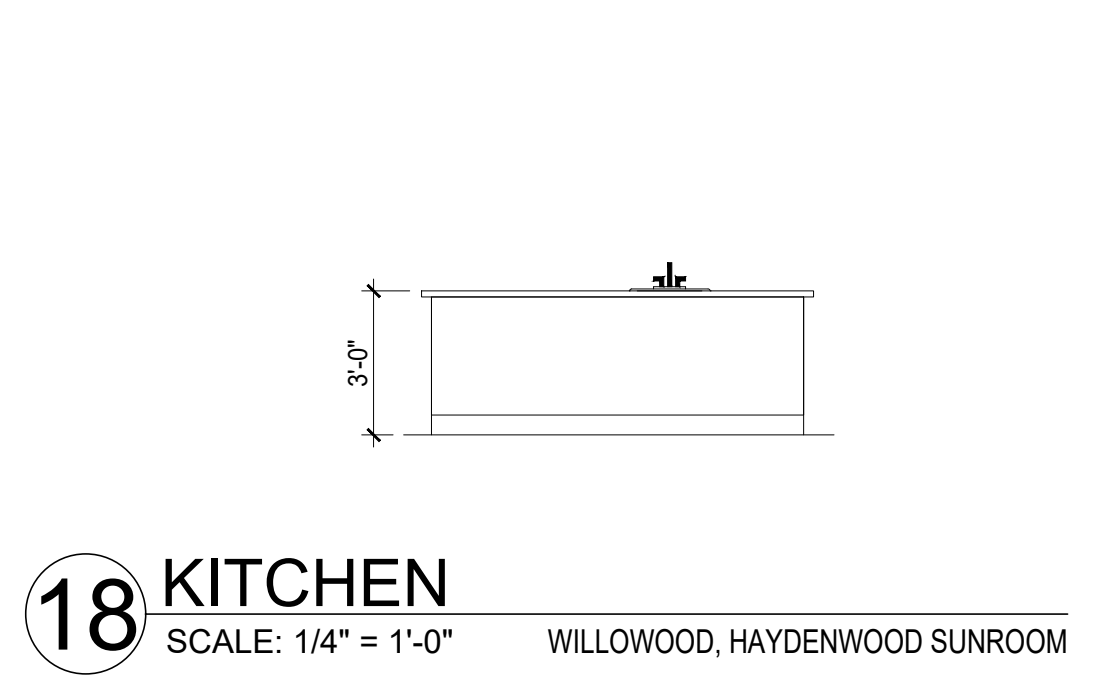
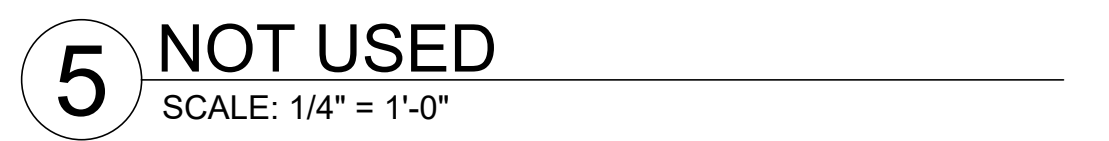
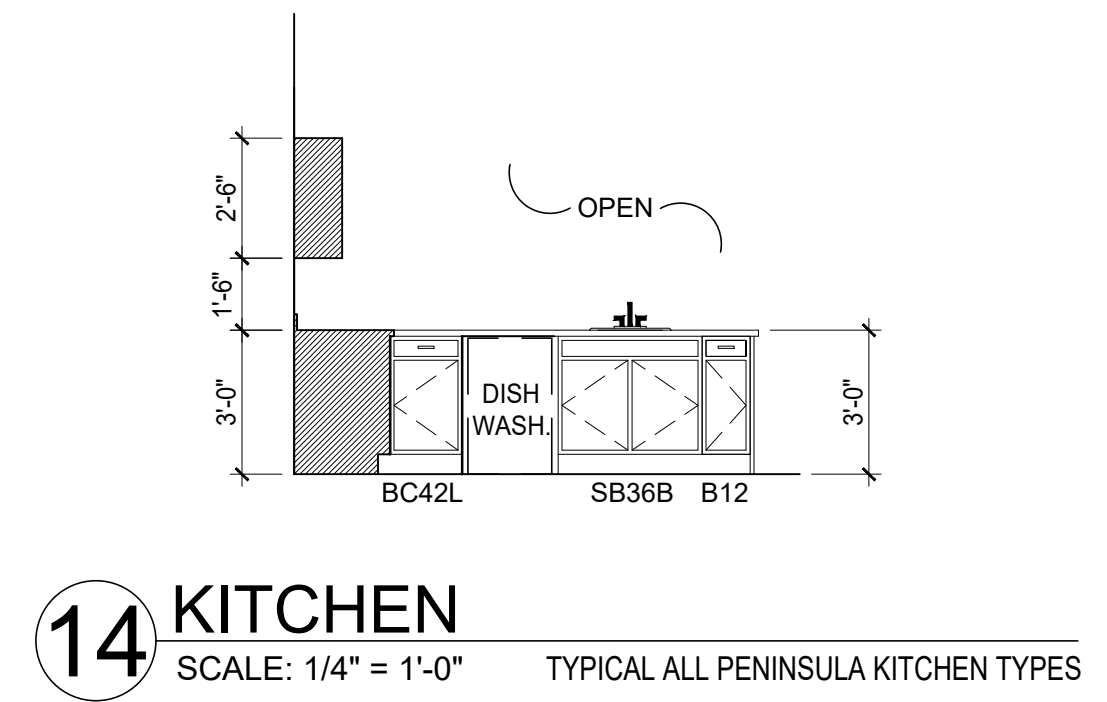
2 BATH #2

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



1 MOUNTING HEIGHTS

SCALE: NOT TO SCALE



NOTE:
 BLOCKING FOR FUTURE INSTALLATION OF GRAB BARS IS TO BE FACTORY INSTALLED BY THE MANUFACTURER OF THE FIXTURE. BLOCKING IS TO MEET ALL REQUIREMENTS OF THE RESIDENTIAL CODE INCLUDING SIZE & LOCATION AS WELL AS LOAD REQUIREMENTS



CONCRETE FLOOR SLAB NOTE:
CONDITIONED LIVING SPACES:
 4" THICK CONCRETE FLOOR SLAB WITH FIBER MESH OVER 6 MIL VAPOR BARRIER MANUFACTURED FROM 100% VIRGIN POLYOLEFIN RESIN (FULLY LAPPED & SEALED, INSTALL PER MANUFACTURER'S SPECIFICATION, AND PER ASTM E1933, E1745, AND E1643), OVER 2" WELL COMPACTED GRAVEL BASE, OVER WELL-COMPACTED EARTH.

UNCONDITIONED AND EXTERIOR SPACES:
 4" THICK CONCRETE FLOOR SLAB WITH FIBER MESH OVER 2" WELL COMPACTED GRAVEL BASE, OVER WELL-COMPACTED EARTH.

FLAG NOTES - FOUNDATION PLAN

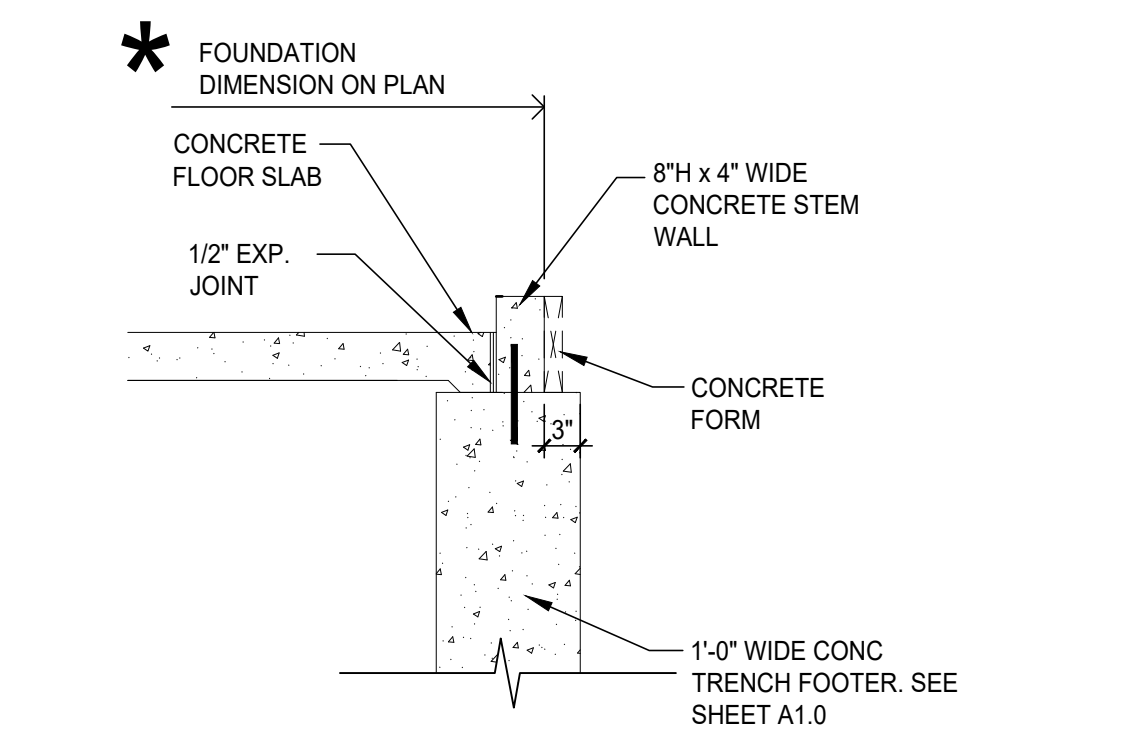
1. PORCH FROST SLAB. SEE DETAIL 4/A1.0
2. MAX. 1/4" DEPRESSED STEP AT GARAGE DOORS, TYPICAL.
3. 4" CONCRETE PAD WITH FIBER MESH OVER 2" COMPACTED GRAVEL BASE.
4. 4" WIDE x 8" TALL CONCRETE STEM WALL - REFER TO DETAIL 2/A1.0
5. LINE INDICATES EDGE OF RIGID INSULATION AND CONCRETE FORM.
6. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS.
7. DOWNSPOUT. INSTALL 12"x12" BLOCK OF FOAM INSULATION AT TOP OF FOOTER AND CENTERED ON DOWNSPOUT. REFER TO CIVIL DRAWINGS FOR UNDERGROUND STORM WATER PIPING.
8. NOT USED.
9. CONCRETE INFILL AT DRIVEWAY LOCATION ONLY. SEE DETAIL 2/A1.0.
10. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS SEE DETAIL 3/A1.0.

NOTE:
 EDGE OF FRAMED WALLS ARE TO BE INSET 3" FROM EXTERIOR FACE OF CONCRETE FOOTINGS (TYPICAL).

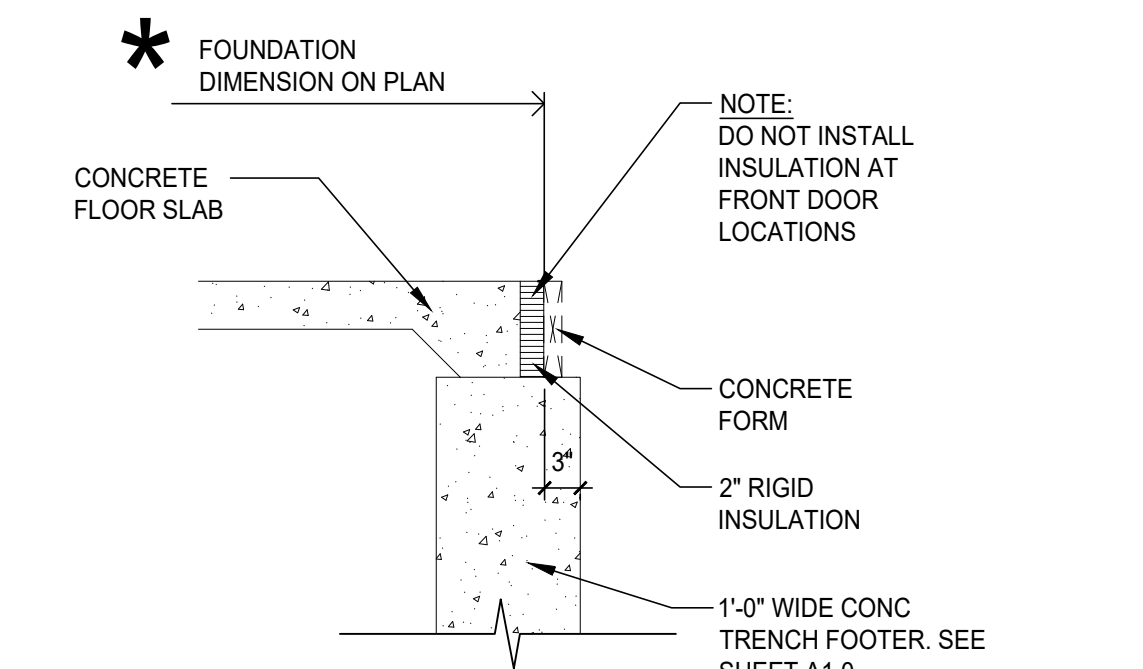
**** FOUNDATION NOTE: ****
 FOUNDATION DIMENSIONS SHOWN ARE TO THE OUTSIDE EDGE OF THE RIGID INSULATION AND STEM WALLS.

NOTE:
 BLOCK OUT TOP OF FOUNDATION WALL AT GAS AND ELECTRIC METER LOCATIONS. SEE SITE SUPERINTENDENT FOR METER LOCATIONS.

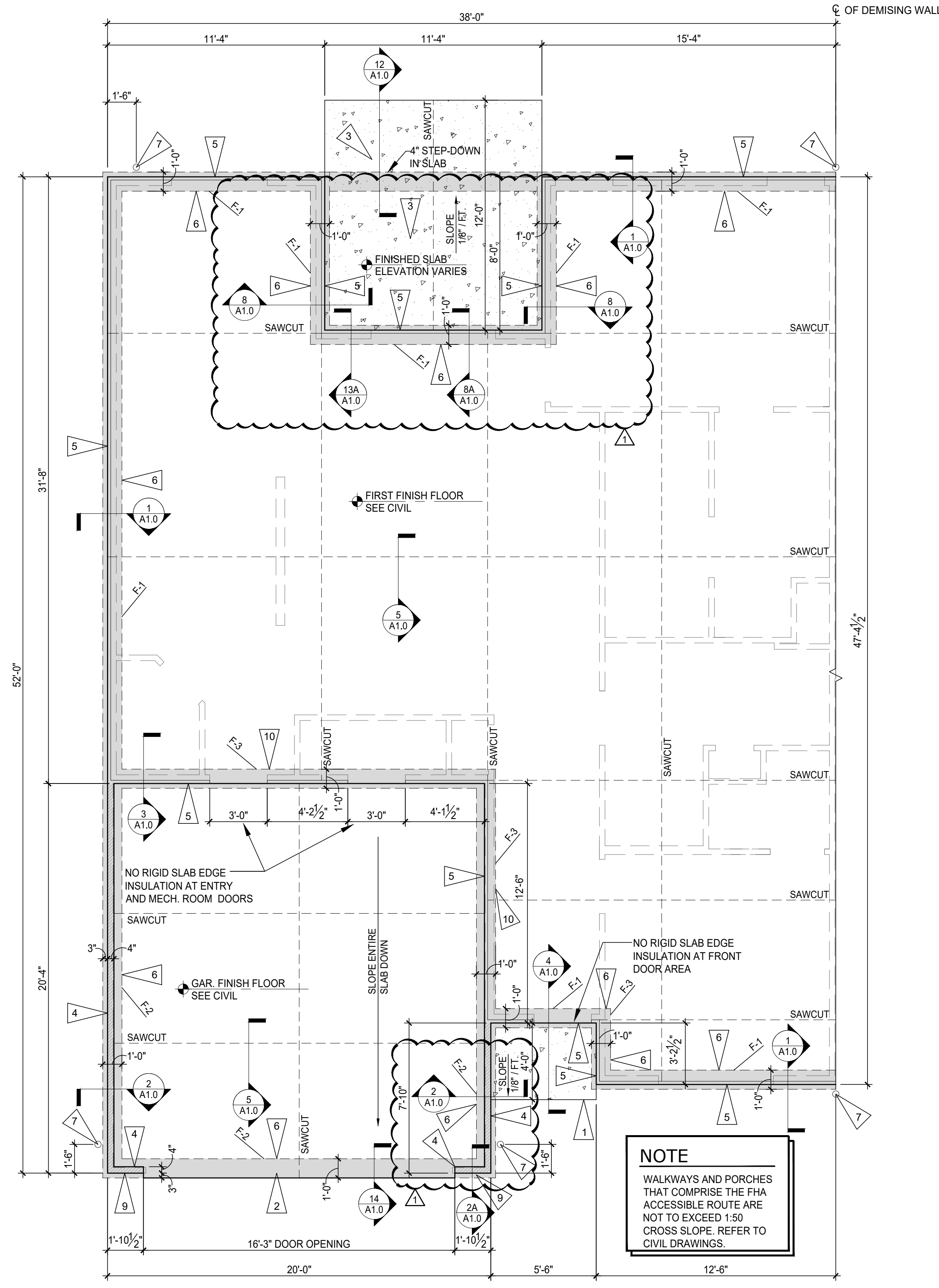
NOTE:
 TOP OF FOOTER - TOP OF UNIT SLAB -0'-8"



3 EXT. GARAGE WALL - 'F-2'
 SCALE: 3/4" = 1'-0"



2 EXT. UNIT WALL - 'F-1'
 SCALE: 3/4" = 1'-0"



1 FOUNDATION - WILLOWOOD END LEFT
 SCALE: 1/4" = 1'-0"

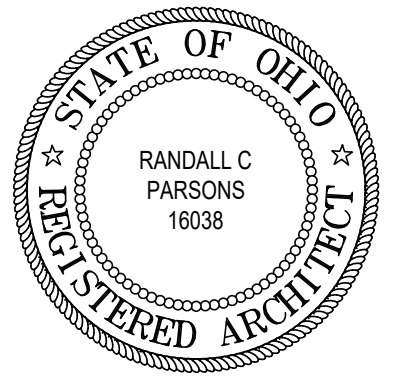
REVISIONS

7/20/22 PLAN REVIEW & OWNER CHANGE

phone 330.666.5770
 fax 330.666.8812
 3660 Embassy Parkway
 Fairlawn, OH 44333

MPG
 ARCHITECTS
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FOUNDATION WILLOWOOD END LEFT
 DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371



CONCRETE FLOOR SLAB NOTE:
CONDITIONED LIVING SPACES:
 4" THICK CONCRETE FLOOR SLAB WITH FIBER MESH OVER 6 MIL VAPOR BARRIER MANUFACTURED FROM 100% VIRGIN POLYOLEFIN RESIN (FULLY LAPPED & SEALED, INSTALL PER MANUFACTURER'S SPECIFICATION, AND PER ASTM E1933, E1745, AND E1643.), OVER 2" WELL COMPACTED GRAVEL BASE, OVER WELL-COMPACTED EARTH.

UNCONDITIONED AND EXTERIOR SPACES:
 4" THICK CONCRETE FLOOR SLAB WITH FIBER MESH OVER 2" WELL COMPACTED GRAVEL BASE, OVER WELL-COMPACTED EARTH.

FLAG NOTES - FOUNDATION PLAN

1. PORCH FROST SLAB. SEE DETAIL 4/A1.0
2. MAX. 1/4" DEPRESSED STEP AT GARAGE DOORS, TYPICAL.
3. 4" CONCRETE PAD WITH FIBER MESH OVER 2" COMPACTED GRAVEL BASE.
4. 4" WIDE x 8" TALL CONCRETE STEM WALL - REFER TO DETAIL 2/A1.0
5. LINE INDICATES EDGE OF RIGID INSULATION AND CONCRETE FORM.
6. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS.
7. DOWNSPOUT. INSTALL 12"x12" BLOCK OF FOAM INSULATION AT TOP OF FOOTER AND CENTERED ON DOWNSPOUT. REFER TO CIVIL DRAWINGS FOR UNDERGROUND STORM WATER PIPING.
8. 8" WIDE CONCRETE STEM WALL. SEE DETAIL 9/A1.0
9. NOT USED.
10. 3'-0" x 3'-0" x 1'-0" THICK CONCRETE FOOTING BELOW ROOF SUPPORT POST LOCATION. PROVIDE (4) #4 BARS EACH WAY - REFER TO DETAIL 10/A1.0.
11. CONCRETE INFILL AT DRIVEWAY LOCATION ONLY. SEE DETAIL 2A/A1.0.
12. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS SEE DETAIL 3/A1.0.

NOTE:

EDGE OF FRAMED WALLS ARE TO BE INSET 3" FROM EXTERIOR FACE OF CONCRETE FOOTINGS (TYPICAL).

**** FOUNDATION NOTE: ****

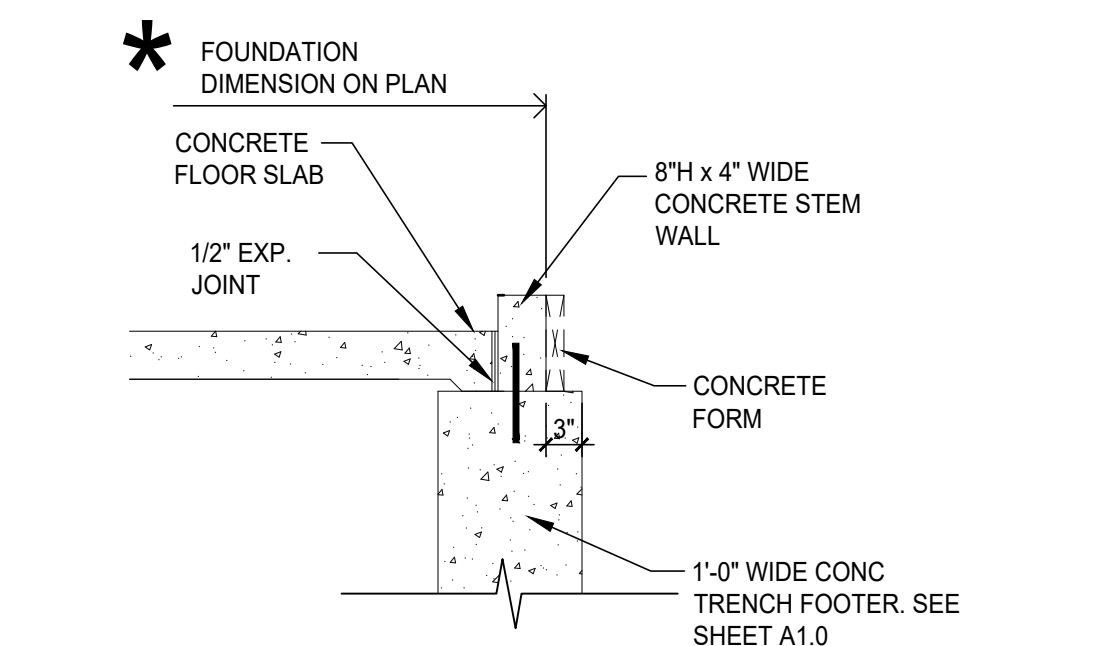
FOUNDATION DIMENSIONS SHOWN ARE TO THE OUTSIDE EDGE OF THE RIGID INSULATION AND STEM WALLS.

NOTE:

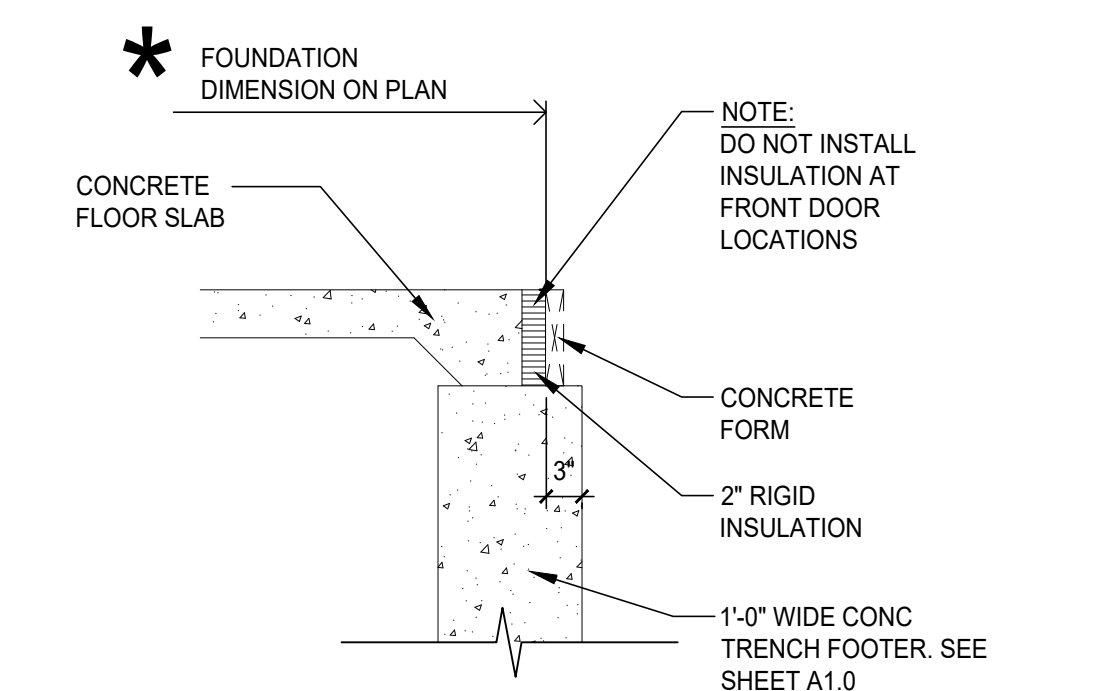
BLOCK OUT TOP OF FOUNDATION WALL AT GAS AND ELECTRIC METER LOCATIONS. SEE SITE SUPERINTENDENT FOR METER LOCATIONS.

NOTE:

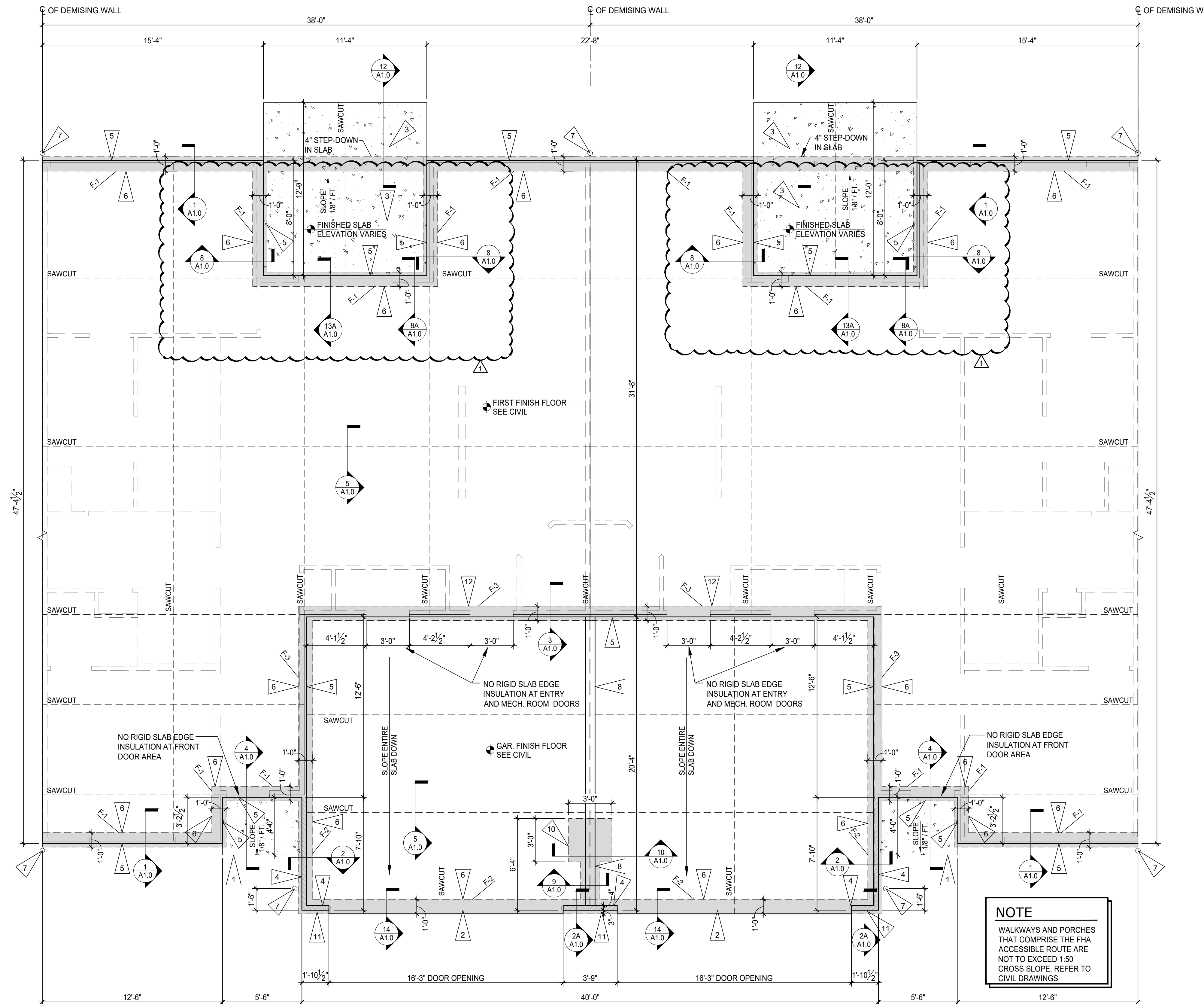
TOP OF FOOTER - TOP OF UNIT SLAB -0'-8"



3 EXT. GARAGE WALL - 'F-2'
 SCALE: 3/4" = 1'-0"



2 EXT. UNIT WALL - 'F-1'
 SCALE: 3/4" = 1'-0"



NOTE
 WALKWAYS AND PORCHES THAT COMPRISE THE FHA ACCESSIBLE ROUTE ARE NOT TO EXCEED 1:50 CROSS SLOPE. REFER TO CIVIL DRAWINGS

1 FOUNDATION - WILLOWOOD MID
 SCALE: 1/4" = 1'-0"

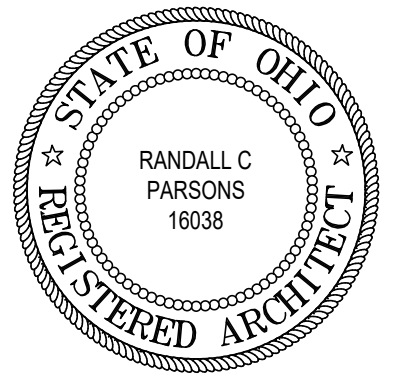
REVISIONS

7/20/22 PLAN REVIEW & OWNER CHANGE

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 Fairlawn, OH 44333

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FOUNDATION WILLOWOOD MID
 DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 46371



CONCRETE FLOOR SLAB NOTE:
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UNCONDITIONED AND EXTERIOR SPACES:
 4" THICK CONCRETE FLOOR SLAB WITH FIBER MESH OVER 2" WELL COMPACTED GRAVEL BASE, OVER WELL-COMPACTED EARTH.

FLAG NOTES - FOUNDATION PLAN

1. PORCH FROST SLAB. SEE DETAIL 4/A1.0
2. MAX. 1/4" DEPRESSED STEP AT GARAGE DOORS, TYPICAL.
3. 4" CONCRETE PAD WITH FIBER MESH OVER 2" COMPACTED GRAVEL BASE.
4. 4" WIDE x 8" TALL CONCRETE STEM WALL - REFER TO DETAIL 2/A1.0
5. LINE INDICATES EDGE OF RIGID INSULATION AND CONCRETE FORM.
6. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS.
7. DOWNSPOUT. INSTALL 12"x12" BLOCK OF FOAM INSULATION AT TOP OF FOOTER AND CENTERED ON DOWNSPOUT. REFER TO CIVIL DRAWINGS FOR UNDERGROUND STORM WATER PIPING.
8. 8" WIDE CONCRETE STEM WALL. SEE DETAIL 9/A1.0.
9. NOT USED.
10. 3'-0" x 3'-0" x 1'-0" THICK CONCRETE FOOTING BELOW ROOF SUPPORT POST LOCATION. PROVIDE (4) #4 BARS EACH WAY - REFER TO DETAIL 10/A1.0.
11. CONCRETE INFILL AT DRIVEWAY LOCATION ONLY. SEE DETAIL 2A/A1.0.
12. 1'-0" WIDE TRENCH FOOTER WITH (2) #4 BARS CONTINUOUS SEE DETAIL 3/A1.0.

NOTE:

EDGE OF FRAMED WALLS ARE TO BE INSET 3" FROM EXTERIOR FACE OF CONCRETE FOOTINGS (TYPICAL).

**** FOUNDATION NOTE: ****

FOUNDATION DIMENSIONS SHOWN ARE TO THE OUTSIDE EDGE OF THE RIGID INSULATION AND STEM WALLS.

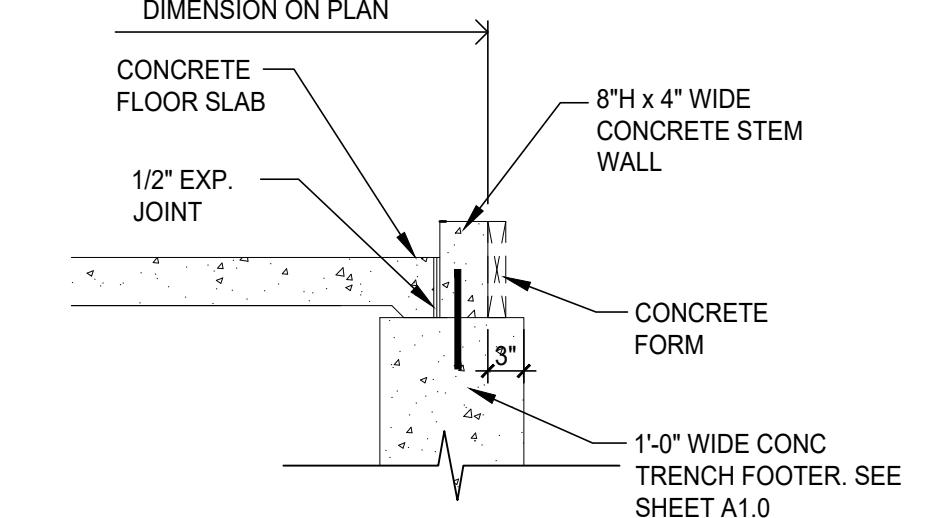
NOTE:

BLOCK OUT TOP OF FOUNDATION WALL AT GAS AND ELECTRIC METER LOCATIONS. SEE SITE SUPERINTENDENT FOR METER LOCATIONS.

NOTE:

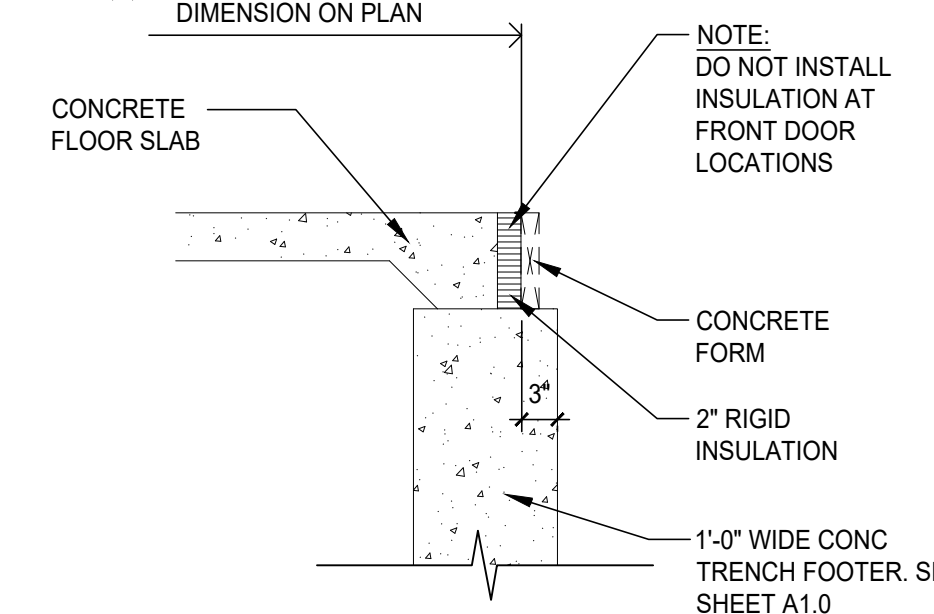
TOP OF FOOTER - TOP OF UNIT SLAB -0'-8"

*** FOUNDATION DIMENSION ON PLAN**

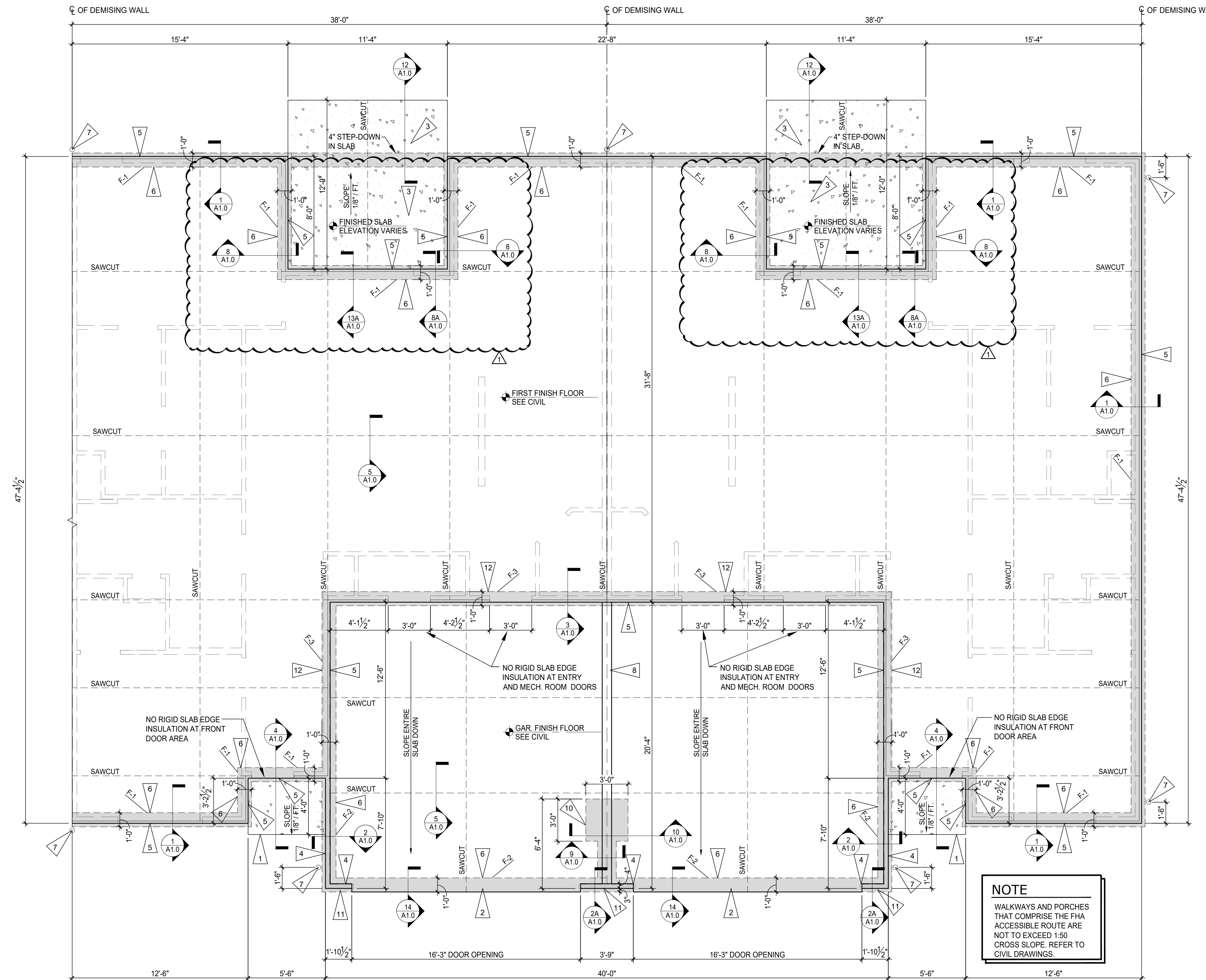


3 EXT. GARAGE WALL - 'F-2'
 SCALE: 3/4" = 1'-0"

*** FOUNDATION DIMENSION ON PLAN**



2 EXT. UNIT WALL - 'F-1'
 SCALE: 3/4" = 1'-0"



1 FOUNDATION WILLOWOOD END 2 RIGHT & MID
 SCALE: 1/4" = 1'-0"

REVISIONS

7/20/22 PLAN REVIEW & OWNER CHANGE

phone 330.666.5770
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 Fairlawn, OH 44333
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FOUNDATION WILLOWOOD END 2 RIGHT & MID

PROJECT #: 31121
 DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 46371





FLAG NOTES:

1. ELEVATION OF GARAGE SLAB AT GARAGE / UNIT WALL - SEE CIVIL.
2. ELEVATION OF GARAGE SLAB AT O.H. GARAGE DOOR - SEE CIVIL.
3. STEPPED FOOTING.
4. STEPPED SLAB - REFER TO CIVIL DRAWINGS.

NOTES:

REFER TO ENLARGED FOUNDATION PLANS FOR CORRESPONDING PLANS FOR LABELED UNITS.

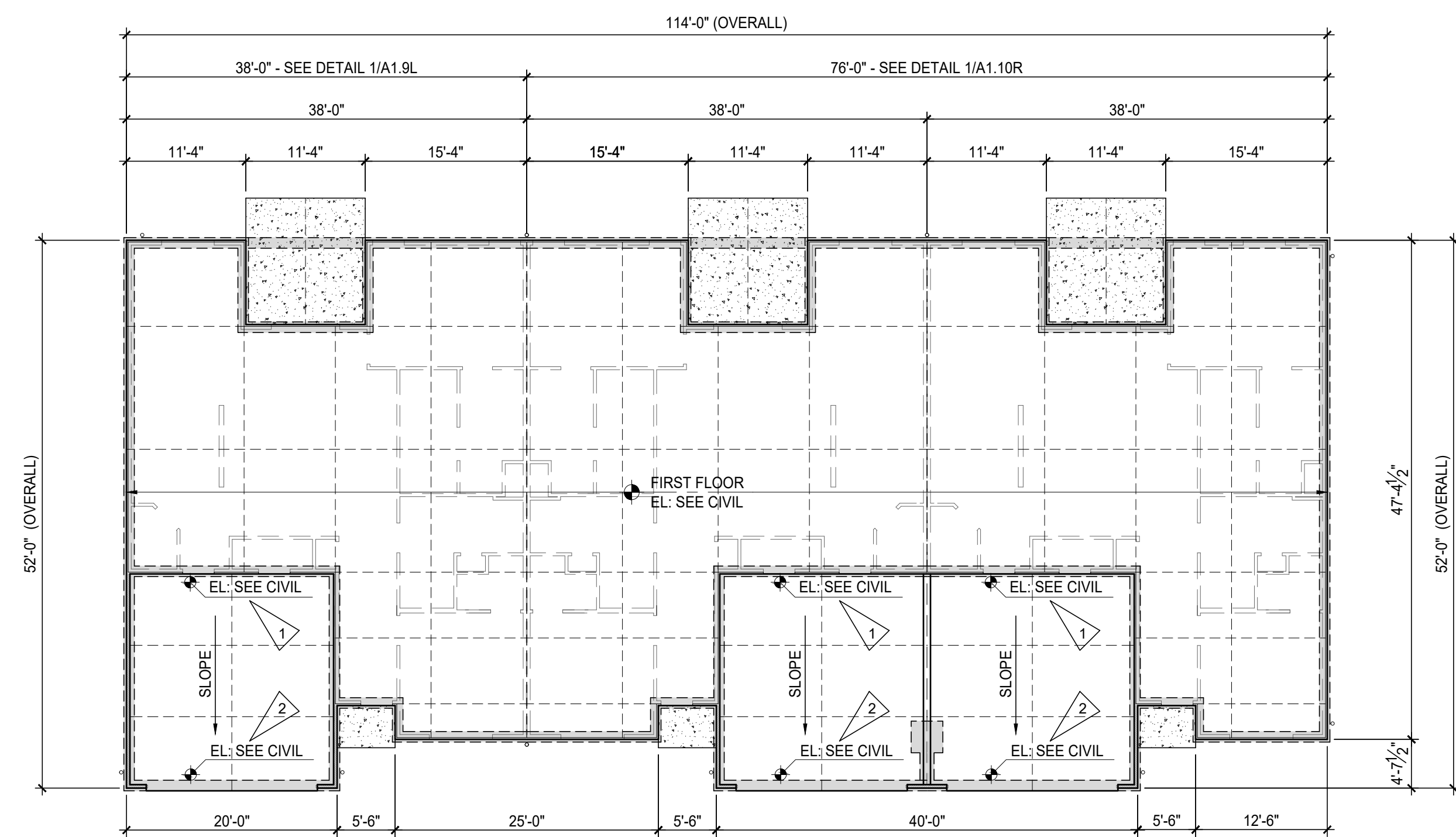
FINISHED FLOOR AND GARAGE FLOOR ELEVATION INFORMATION IS TO BE OBTAINED FROM THE CIVIL DRAWINGS.

**** FOUNDATION NOTE: ****

FOUNDATION DIMENSIONS SHOWN ARE TO THE OUTSIDE EDGE OF THE RIGID INSULATION AND STEM WALLS.

REVISIONS

7/20/22 PLAN REVIEW & OWNER CHANGE



OVERALL FOUNDATION PLAN
 SCALE : 3/32" = 1'-0" BUILDING: W

OVERALL FOUNDATION BLDGS.: V, W

PROJECT #: 31121 DATE: APRIL 8, 2022

REDWOOD THE HARRISON PHASE IV

RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371



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REVISIONS

7/20/22 PLAN REVIEW & OWNER CHANGE

GENERAL NOTES:

- REFER TO ENLARGED FLOOR PLANS FOR INTERIOR ROOM DIMENSIONS AND OTHER SPECIFIC INFORMATION.
- SEE SHEET SERIES A6.X FOR DOOR AND WINDOW SCHEDULES.
- CONTRACTOR SHALL PROVIDE ALL WALL BOXES, ETC. AS REQUIRED FOR ROUGH-IN CONDITIONS. TELEPHONE AND T.V. PREWIRE TO BE COMPLETED BEFORE INSTALLATION OF GYPSUM WALLBOARD.
- ALL GRAB BAR BLOCKING FOR FUTURE GRAB BARS AT HANDICAP BATHS MUST BE ABLE TO RESIST A FULL FORCE OF 250 LBS. EXERTED AT ANY POINT IN ANY DIRECTION ON FUTURE GRAB BARS. BLOCKING AT TUBS AND SHOWERS IS TO BE FACTORY INSTALLED.
- ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- FOR INTERIOR FINISHES FOR WALLS AND CEILINGS REFER TO FLAME AND SMOKE INDEX RATING ON SHEET SERIES A6.X.
- PRIMARY ENTRY DOORS SHALL HAVE "0" CLEARANCE THRESHOLDS TO MEET ALL ANSI REQUIREMENTS
- ALL EXPOSED EXTERIOR WOOD SHALL BE PRESSURE TREATED. SEE FRAMING PLANS & WALL SECTIONS FOR MORE INFORMATION.

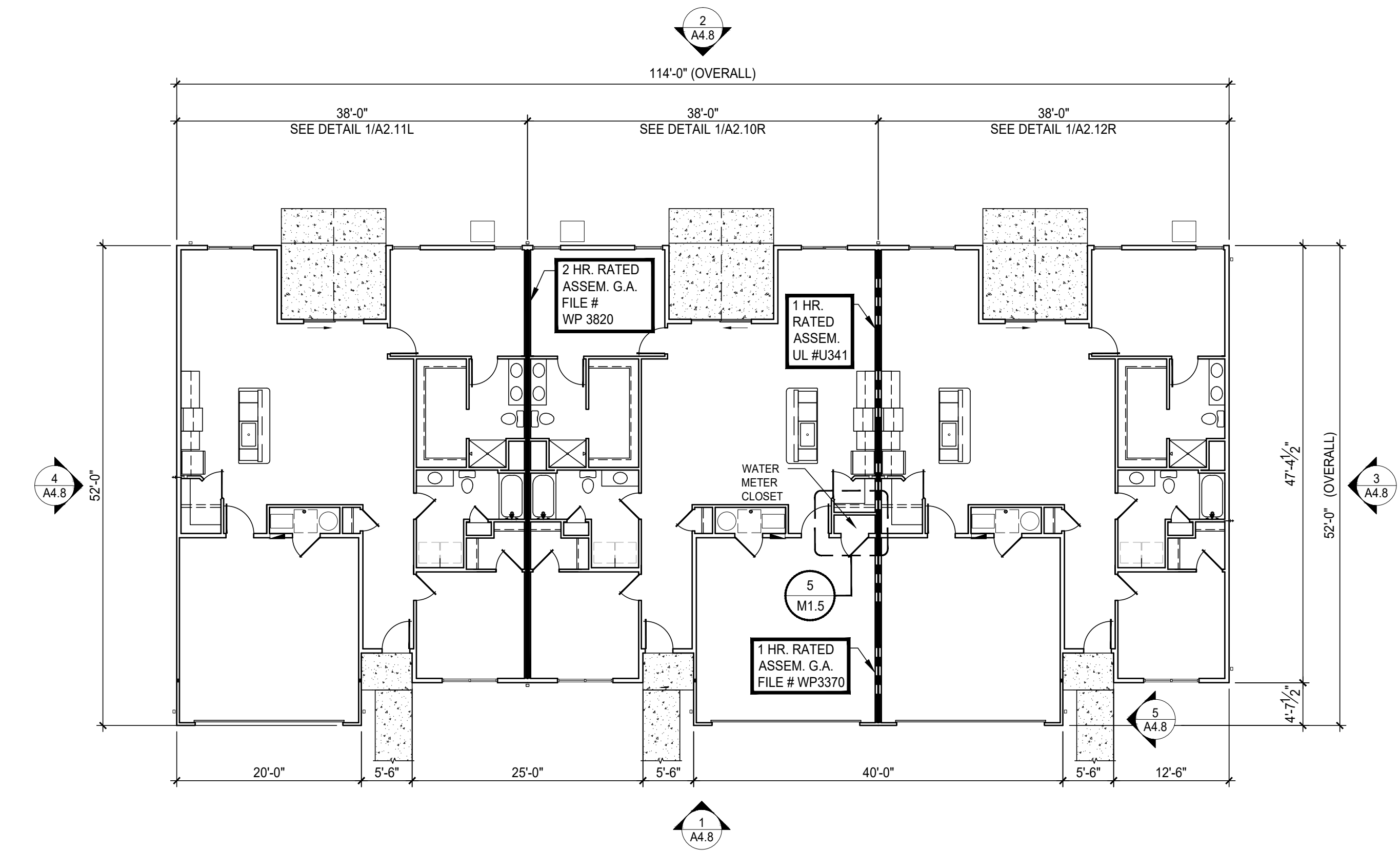
NOTES:

- ALL SINGLE STORY UNITS MUST MEET FAIR HOUSING ACT ACCESSIBILITY GUIDELINES FOR ADAPTABILITY.
- ALL UNITS ARE TYPE 'B' DWELLING UNITS AS PER ANSI A117.1-2009, SECTION 1004.

NOTES:

REFER TO ENLARGED FLOOR PLAN SHEETS TO SEE CORRESPONDING PLANS FOR LABELED UNITS.

HP - HIGH PROFILE SIDE ELEVATION. SEE EXTERIOR ELEVATION SHEETS FOR MORE INFORMATION.



OVERALL FLOOR PLAN
SCALE : 3/32" = 1'-0" BUILDING: W

OVERALL FLOOR PLANS - BLDGS.: V, W

DATE: APRIL 8, 2022

PROJECT #: 31121

REDWOOD THE HARRISON PHASE IV

RED BUCKEYE DRIVE
HUBER HEIGHTS, OHIO 45371



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MPG ARCHITECTS
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Redwood
 APARTMENT NEIGHBORHOODS

WILLOWOOD END LEFT PLAN
 PROJECT #: 31121
 DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371

FLAG NOTES:

- PROVIDE WOOD BLOCKING IN WALLS AS REQUIRED FOR GRAB BAR MOUNTING. SEE INTERIOR ELEVATIONS SHEET A6.2 FOR MORE INFORMATION.
- 30"x30" CLEAR FLOOR SPACE FOR MAINTENANCE OF APPLIANCES.
- SAW CUT - SEE FOUNDATION SHEETS.
- BUILD WALLS TIGHT TO UNDERSIDE OF TRUSS BOTTOM CHORD. PROVIDE 2x4 CEILING JOISTS AT 8'-1" A.F.F. WITH 5/8" GYP. BD.
- ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- PROVIDE (1) 12" WIRE SHELF WITH INTEGRAL COAT ROD. MOUNT ROD AT +54" A.F.F.
- REINFORCED CONCRETE ADA ACCESSIBLE WALK (1:20 SLOPE MAXIMUM). REFER TO CIVIL DRAWINGS FOR GRADES. RISE NOT TO EXCEED 6".
- PROVIDE PLUMBING ACCESS PANEL.
- 4" REINFORCED CONCRETE SLAB WITH FIBER MESH OVER 2" COMPACTED GRAVEL. SLOPE AWAY FROM UNIT.
- FRAME DOWN AT VAULTED TRUSS TO MATCH BOTTOM CHORD OF STD TRUSS.
- PROVIDE (4) WIRE SHELVES WITH SUPPORT BRACKETS.
- NOT USED
- VINYL CLAD INSULATED WINDOWS ARE MANUFACTURED BY SIMONTON STANDARD WINDOW SIZE MEETS OR EXCEEDS FIRST FLOOR OBC EGRESS REQUIREMENTS AT BEDROOM. WRAP (3) SIDES OF WINDOW OPENING WITH GYP. BD. INSTALL 1x TRIM WITH CASING ON SILL.
- PROVIDE (1) 12" WIRE SHELF WITH LATERAL COAT ROD. MOUNT ROD AT +54" A.F.F. ON SIDE WALLS AND (2) WIRE SHELVES/COAT RODS ON REAR WALL.
- PROVIDE 3-2x4 POST TOP OF FOUNDATION ASSEMBLY TO UNDERSIDE OF ROOF GIRDER TRUSS BEARING LOCATION. SEE DETAIL 10A1.0 FOR MORE INFORMATION.
- DOWNSPOUT - REFER TO FOUNDATION AND CIVIL DRAWINGS.
- FROST FREE HOSE BIBB.
- WASHER AND DRYER. PROVIDE PLUMBING CONNECTION BOX FOR WASHING MACHINE AND DRYER VENT THROUGH ATTIC SPACE. SEE PLUMBING AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
- WASHER TO BE INSTALLED ON LEFT SIDE OF OPENING. DRYER TO BE INSTALLED ON RIGHT SIDE.
- ICE MAKER WATER SOURCE.
- 1'-0" STONE RETURN.
- BALLOON FRAME WALL. CONTINUOUS FLOOR TO UNDERSIDE OF GABLE END VAULTED TRUSS BOTTOM CHORD.
- EXTEND WALL TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD.
- CAP "PLANT SHELF" AREA WITH (1) LAYER OF 7/16" O.S.B.

SYMBOLS LEGEND

- INDICATES WALL CONSTRUCTION TYPE. REFER TO THIS SHEET FOR DETAILED ASSEMBLY DESCRIPTIONS
- ROOM NAME INDICATES ROOM NAME REFER TO SHEET A6.7 FOR ROOM FINISH MATERIALS
- TYPICAL SECTION AND DETAIL FLAGS:
 REFERS TO SECTION OR ELEVATION NUMBER
 REFERS TO DRAWING SHEET NUMBER
- INDICATES WINDOW TYPES- REFER TO SHEET A6.7 FOR WINDOW SCHEDULE
- INDICATES DOOR SIZE- REFER TO SHEET A6.7 FOR DOOR AND FRAME MATERIALS AND ELEVATIONS
- INDICATES RATED SEPARATION WALL. 2 HOUR. G.A. FILE NO. WP-3820. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING.
- INDICATES SLIDING PATIO DOOR ACTIVE PANEL AND DIRECTION ACTIVE PANEL IS TO SLIDE.
- HP HIGH PROFILE END. SEE EXTERIOR ELEVATIONS.
- STD STANDARD PROFILE END. SEE EXTERIOR ELEVATIONS.

GENERAL FLOOR PLAN NOTES:

- ALL PARTITION DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, AND/OR FACE OF MASONRY, UNLESS NOTED OTHERWISE.
 - VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL, CONTACT THE ARCHITECT FOR CLARIFICATION.
 - WALL THICKNESS INDICATED ON FLOOR PLAN(S) SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF WALL (U.N.O.)
 - PROVIDE BEHIND WALL REINFORCING AND BLOCKING AS REQUIRED BEHIND DOOR STOPS, ATTACHMENT OF MILLWORK, CASEWORK, TOILET ACCESSORIES, ETC. SEE SHEET A6.2 FOR MORE INFORMATION.
 - ALL EXTERIOR CORNERS THROUGHOUT SPACE TO HAVE METAL CORNER BEADS.
- NOTES:**
- ALL SINGLE STORY UNITS MUST MEET FAIR HOUSING ACT ACCESSIBILITY GUIDELINES FOR ADAPTABILITY.
 - THESE ARE TYPE 'B' DWELLING UNITS AS PER ICC A117.1-2009, SECTION 1004.
- * VERIFY ROUGH OPENING WITH DOOR, WINDOW OR FIXTURE MANUFACTURER PRIOR TO WOOD FRAMING.
- ** WALL SECTION NOTE : REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR FINISHES.

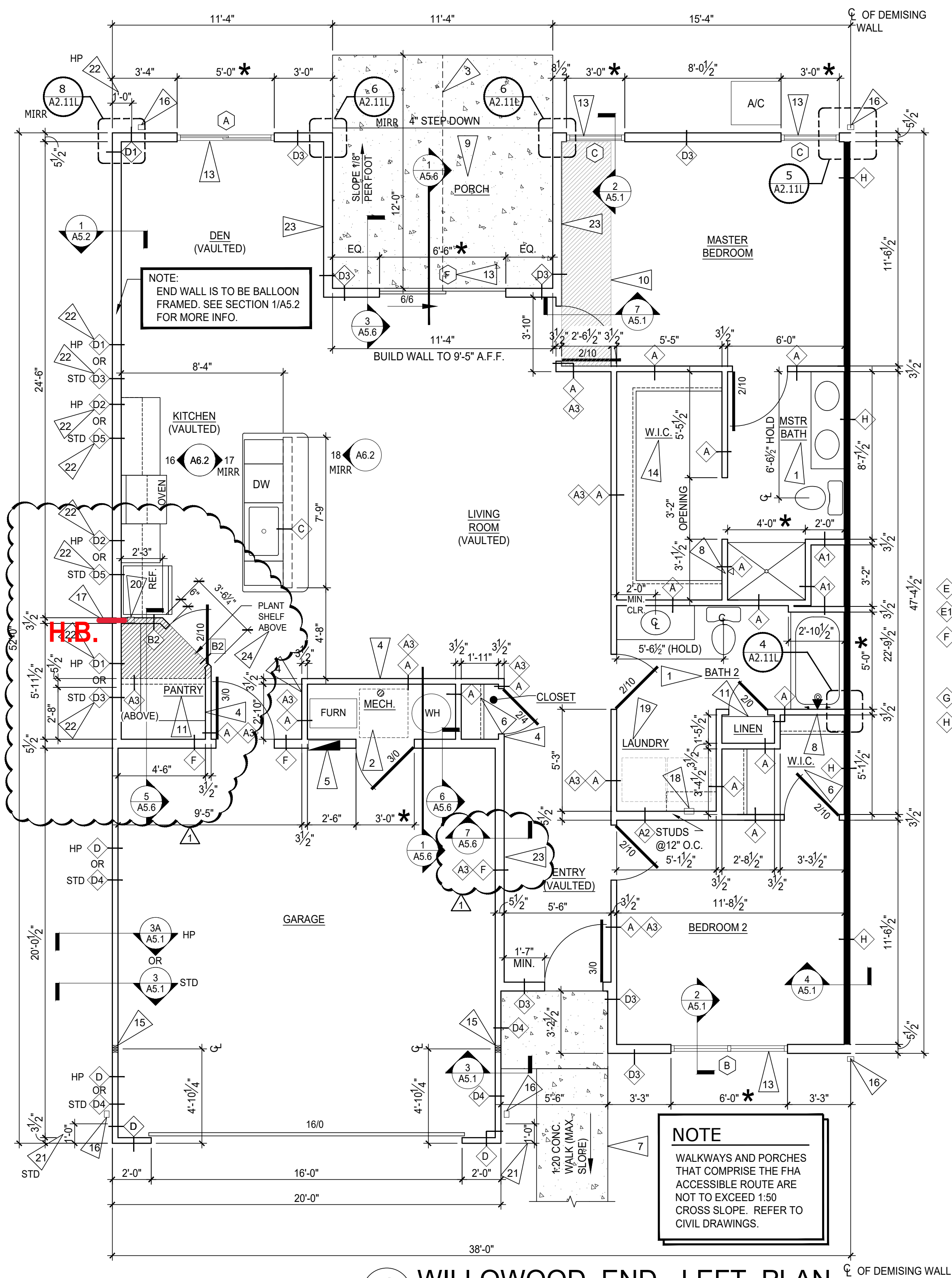
WALL TYPE LEGEND

- 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. ON ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 12" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. ON ONE SIDE OF 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT FACED BATT INSULATION. BUILD WALL ABOVE WALL TYPE 'A'.
- NOT USED.
- NOT USED.
- NOT USED.
- 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TO 8'-1" A.F.F. CAP WITH 7/16" O.S.B.
- LOW-WALL: 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 24" O.C. BUILD WALL TO UNDERSIDE OF COUNTERTOP, +/- 34 1/2" A.F.F.
- EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C. UPPER WALL HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. LOWER WALL STONE VENEER OVER 1/16" PROSOCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS

WALL TYPE LEGEND (CONT'D)

- NOT USED.
- NOT USED.
- GARAGE / UNIT SEPARATION WALL - 2x6 AT 24" O.C. 2x6 WOOD STUDS AT 24" O.C. WITH 5/8" TYPE 'X' GYP. BD. EACH SIDE WITH R-21 KRAFT-FACED BATT INSULATION. BUILD WALL TIGHT TO TRUSS BOTTOM CHORD. SEE 3/A5.2.
- NOT USED.
- TWO-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C. (2) LAYERS 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (2) LAYERS 5/8" TYPE 'X' GYP. BD. ONE SIDE. BUILD WALL TIGHT TO UNDERSIDE OF ROOF SHEATHING. (G.A. FILE # WP3820) SEE 4/A5.1 AND SHEET A5.0.

- BALLOON FRAME (WHERE NOTE 22 OCCURS) EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C. UPPER WALL HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR. LOWER WALL STONE VENEER OVER 1/16" PROSOCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- BALLOON FRAME (WHERE NOTE 22 OCCURS) EXTERIOR WALL CONSTRUCTION - 2x6 AT 16" O.C. UPPER WALL HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 16" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR. LOWER WALL STONE VENEER OVER 1/16" PROSOCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 16" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- BALLOON FRAME (WHERE NOTE 22 OCCURS) EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C. HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.
- BALLOON FRAME (WHERE NOTE 22 OCCURS) EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C. HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.
- BALLOON FRAME (WHERE NOTE 22 OCCURS) EXTERIOR WALL CONSTRUCTION - 2x6 AT 16" O.C. HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 16" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.

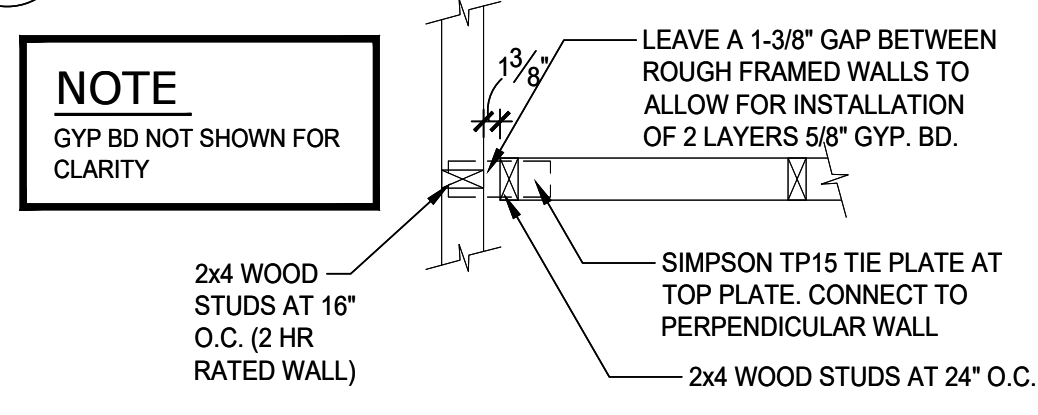


NOTE
 WALKWAYS AND PORCHES THAT COMPRISE THE FHA ACCESSIBLE ROUTE ARE NOT TO EXCEED 1:50 CROSS SLOPE. REFER TO CIVIL DRAWINGS.

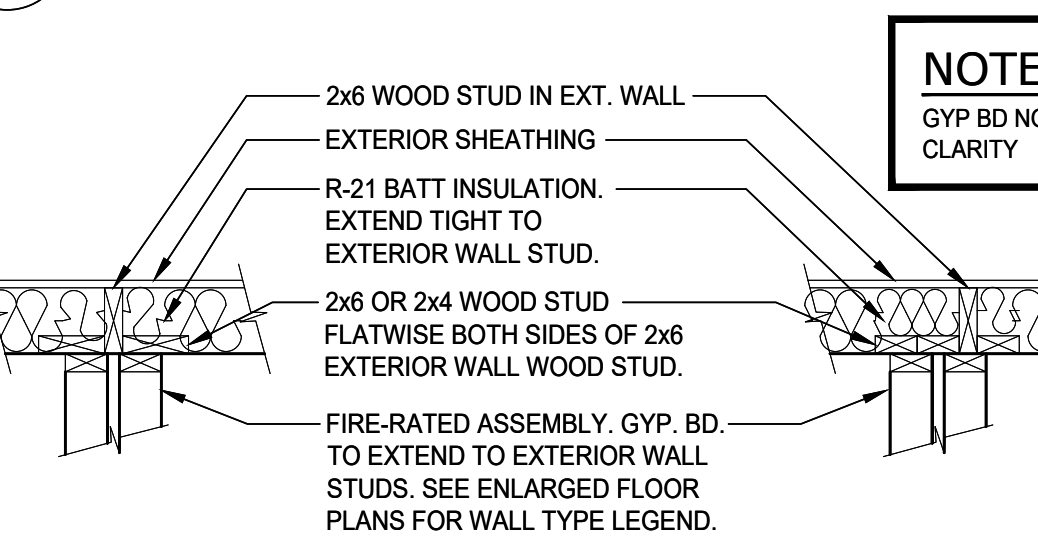
NOTE
 END WALL IS TO BE BALLOON FRAMED. SEE SECTION 1/A5.2 FOR MORE INFO.

2 NOT USED
 SCALE: 3/4" = 1'-0"

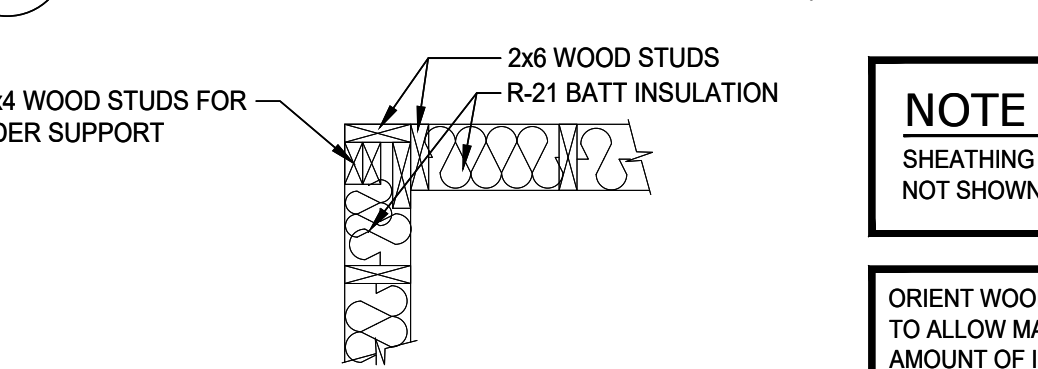
3 NOT USED
 SCALE: 3/4" = 1'-0"



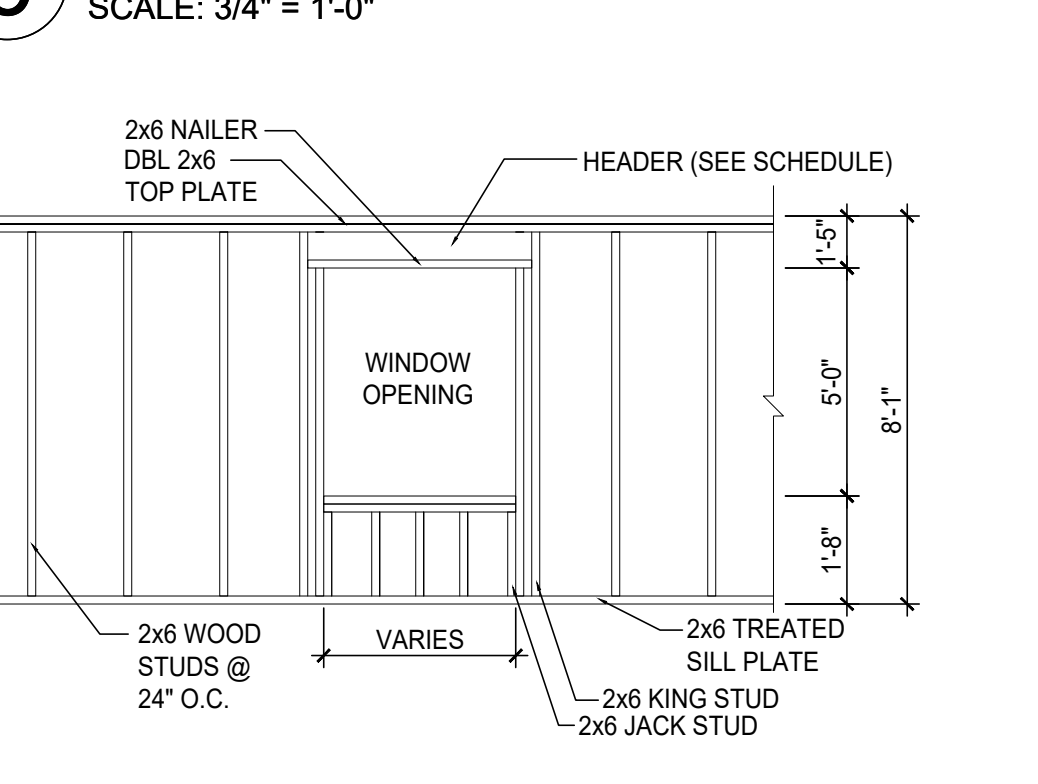
4 TYP. FRAMING - 2 HR WALL
 SCALE: 3/4" = 1'-0"



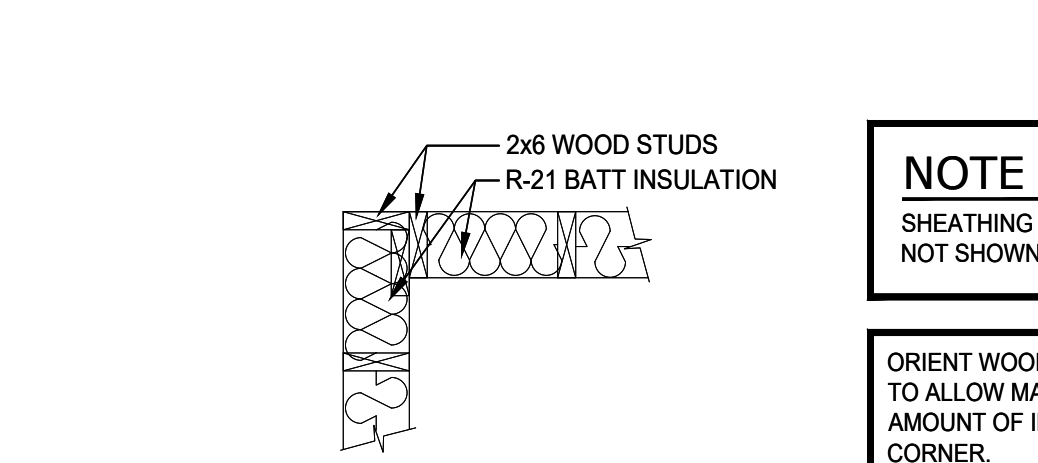
5 FRAMING - EXTERIOR WALL
 SCALE: 3/4" = 1'-0" (CENTERED & OFFSET)



6 FRAMING - CALIFORNIA CORNER
 SCALE: 3/4" = 1'-0"

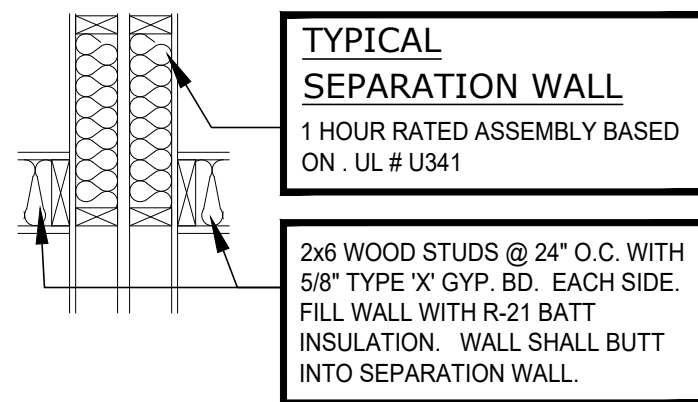


7 DETAIL TYP. WALL FRAME DETAIL
 SCALE: 1/4" = 1'-0"



8 FRAMING - TYP. OUTSIDE CORNER CALIFORNIA CORNER
 SCALE: 3/4" = 1'-0"

1 WILLOWOOD END - LEFT PLAN
 SCALE: 1/4" = 1'-0"

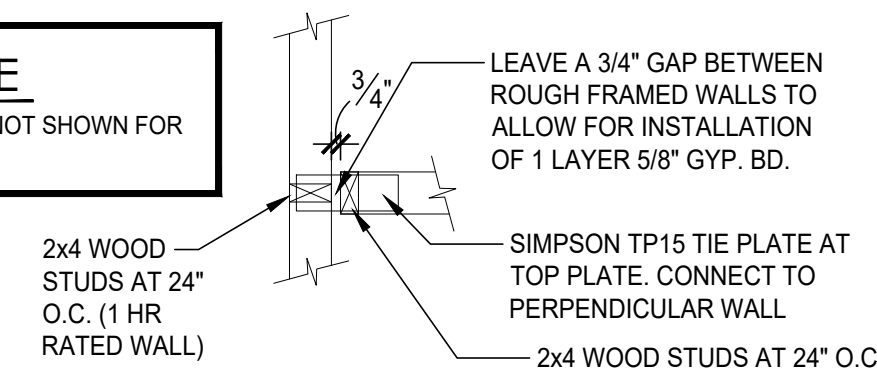


TYPICAL SEPARATION WALL
1 HOUR RATED ASSEMBLY BASED ON - UL # U341

2x6 WOOD STUDS @ 24" O.C. WITH 5/8" TYPE 'X' GYP. BD. EACH SIDE. FILL WALL WITH R-21 BATT INSULATION. WALL SHALL BUTT INTO SEPARATION WALL.

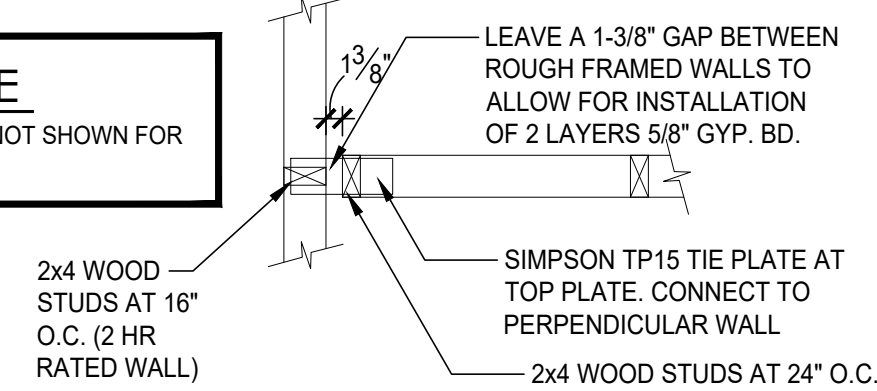
2 TYP. SEPERATION WALL
SCALE: 3/4" = 1'-0"

NOTE



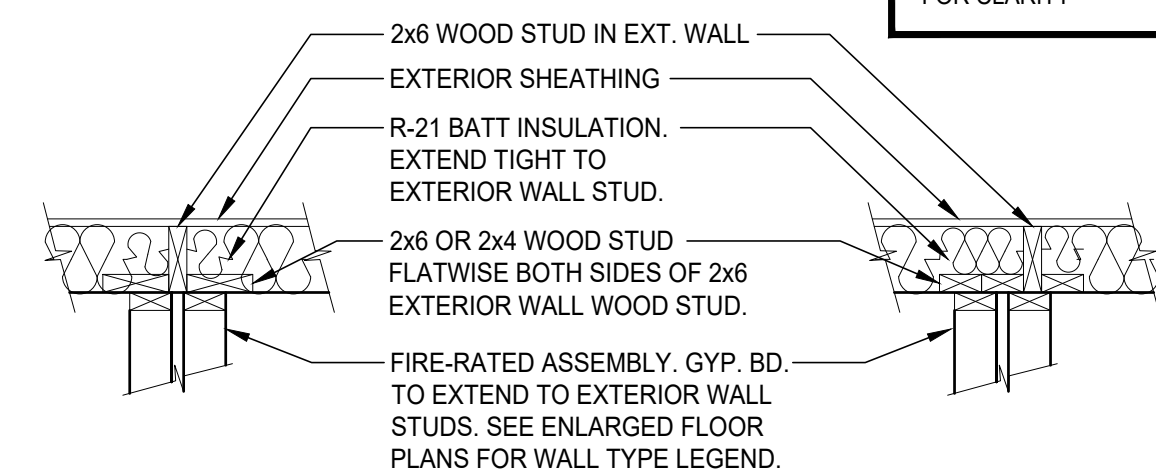
3 TYP. FRAMING - 1 HR WALL
SCALE: 3/4" = 1'-0"

NOTE

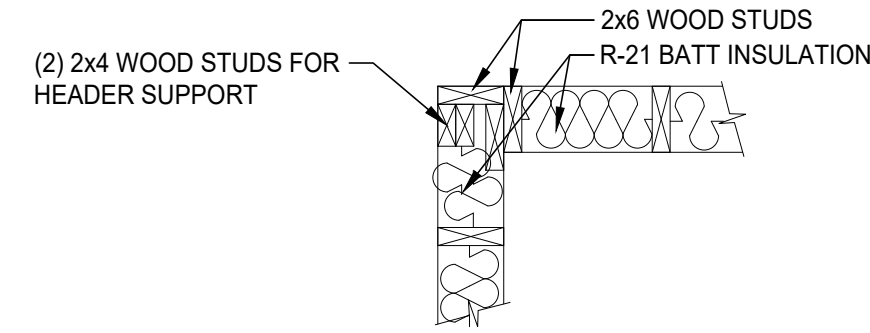


4 TYP. FRAMING - 2 HR WALL
SCALE: 3/4" = 1'-0"

NOTE



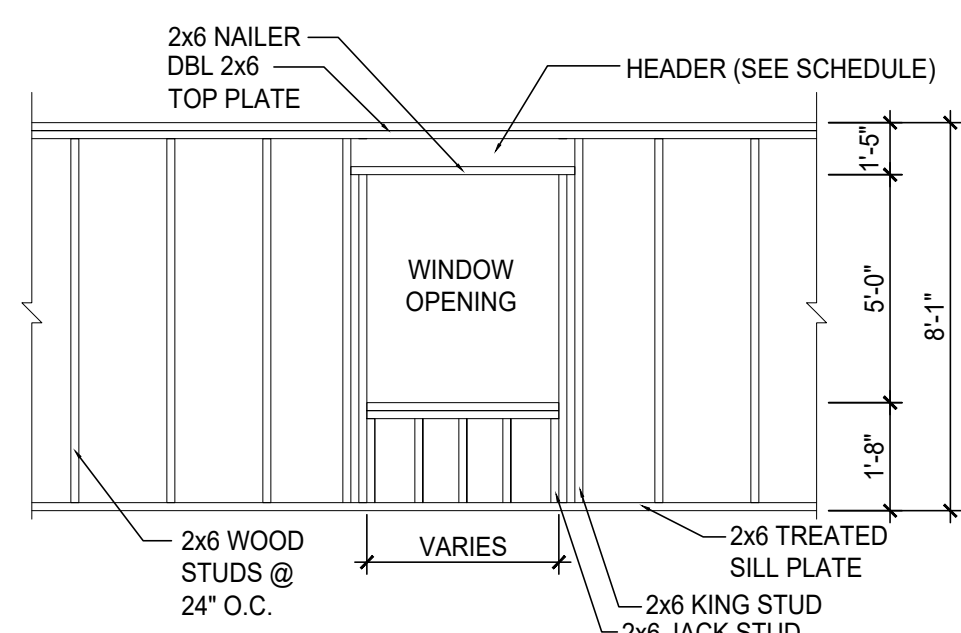
5 FRAMING - EXT. WALL (CENTERED & OFFSET)
SCALE: 3/4" = 1'-0"



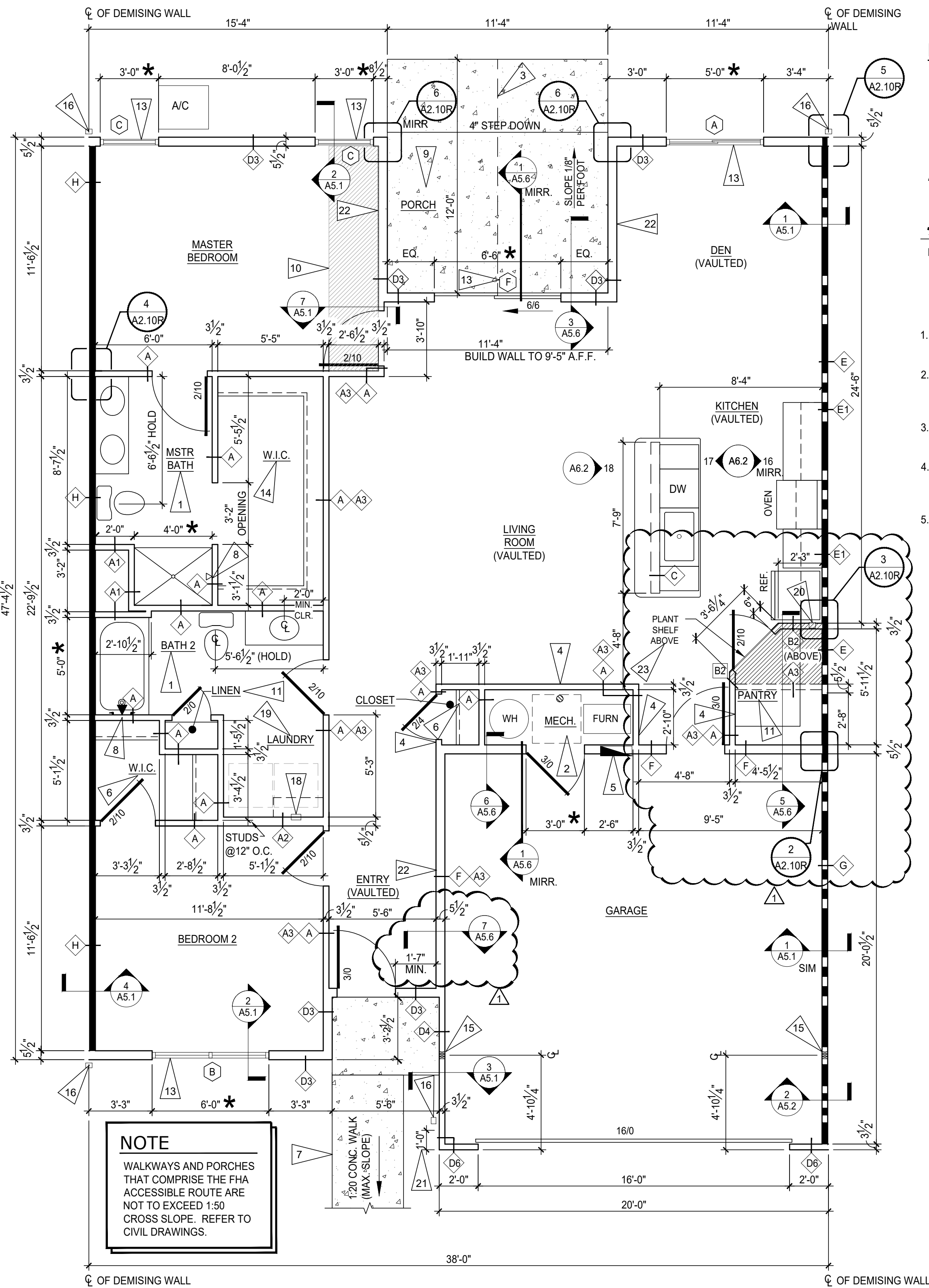
ORIENT WOOD STUDS SO AS TO ALLOW MAXIMUM AMOUNT OF INSULATION IN CORNER.

NOTE
SHEATHING AND GYP. BD. NOT SHOWN FOR CLARITY

6 HEADER SUPPORT
SCALE: 3/4" = 1'-0"



7 DETAIL TYP. WALL FRAME DETAIL
SCALE: 1/4" = 1'-0"



NOTE
WALKWAYS AND PORCHES THAT COMPRISE THE FHA ACCESSIBLE ROUTE ARE NOT TO EXCEED 1:50 CROSS SLOPE. REFER TO CIVIL DRAWINGS.

1 WILLOWOOD MID - RIGHT PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND

- INDICATES WALL CONSTRUCTION TYPE. REFER TO THIS SHEET FOR DETAILED ASSEMBLY DESCRIPTIONS
- INDICATES ROOM NAME REFER TO SHEET A6.7 FOR ROOM FINISH MATERIALS
- TYPICAL SECTION AND DETAIL FLAGS:
REFERS TO SECTION OR ELEVATION NUMBER
REFERS TO DRAWING SHEET NUMBER
- INDICATES WINDOW TYPES- REFER TO SHEET A6.7 FOR WINDOW SCHEDULE
- INDICATES DOOR SIZE- REFER TO SHEET A6.7 FOR DOOR AND FRAME MATERIALS AND ELEVATIONS
- INDICATES RATED SEPARATION WALL, 1 HOUR: UL RATING #U-341 OR G.A. FILE # WP3370. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING
- INDICATES RATED SEPARATION WALL, 2 HOUR: G.A. FILE NO. WP-3820. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING.
- INDICATES SLIDING PATIO DOOR ACTIVE PANEL AND DIRECTION ACTIVE PANEL IS TO SLIDE.

NOTES:

1. ALL SINGLE STORY UNITS MUST MEET FAIR HOUSING ACT ACCESSIBILITY GUIDELINES FOR ADAPTABILITY.
2. THESE ARE TYPE 'B' DWELLING UNITS AS PER ICC A117.1-2009, SECTION 1004.
- * VERIFY ROUGH OPENING WITH DOOR, WINDOW OR FIXTURE MANUFACTURER PRIOR TO WOOD FRAMING.
- ** WALL SECTION NOTE:
REFER TO EXTERIOR ELEVATION SHEETS FOR EXTERIOR FINISHES.

GENERAL FLOOR PLAN NOTES:

1. ALL PARTITION DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, AND/OR FACE OF MASONRY, UNLESS NOTED OTHERWISE.
2. VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL, CONTACT THE ARCHITECT FOR CLARIFICATION.
3. WALL THICKNESS INDICATED ON FLOOR PLAN(S) SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF WALL (U.N.O.)
4. PROVIDE BEHIND WALL REINFORCING AND BLOCKING AS REQUIRED BEHIND DOOR STOPS. ATTACHMENT OF MILLWORK, CASEWORK, TOILET ACCESSORIES, ETC. SEE SHEET A6.2 FOR MORE INFORMATION.
5. ALL EXTERIOR CORNERS THROUGHOUT SPACE TO HAVE METAL CORNER BEADS.

WALL TYPE LEGEND (CONT'D)

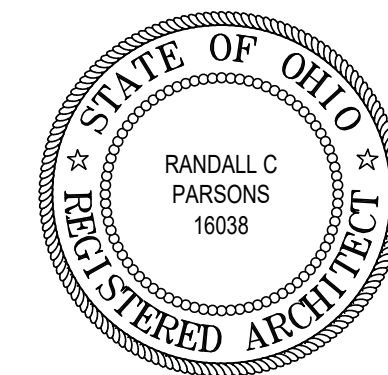
- GARAGE / UNIT SEPARATION WALL - 2x6 AT 24" O.C.
2x6 WOOD STUDS AT 24" O.C. WITH 5/8" TYPE 'X' GYP. BD. EACH SIDE WITH R-21 KRAFT-FACED BATT INSULATION. BUILD WALL TIGHT TO TRUSS BOTTOM CHORD. SEE 3/A5.2.
- ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 1" AIR SPACE, 2x4 WOOD STUDS AT 16" O.C. AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER G.A. FILE NO. WP3370. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.
- TWO-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (2) LAYERS 5/8" TYPE 'X' GYP. BD. ONE SIDE. BUILD WALL TIGHT TO UNDERSIDE OF ROOF SHEATHING. (G.A. FILE # WP3820) SEE 4/A5.1 AND SHEET A5.0.

FLAG NOTES:

1. PROVIDE WOOD BLOCKING IN WALLS AS REQUIRED FOR GRAB BAR MOUNTING. SEE INTERIOR ELEVATIONS SHEET A6.2 FOR MORE INFORMATION.
2. 30"x30" CLEAR FLOOR SPACE FOR MAINTENANCE OF APPLIANCES.
3. SAW CUT - SEE FOUNDATION SHEETS.
4. BUILD WALLS TIGHT TO UNDERSIDE OF TRUSS BOTTOM CHORD. PROVIDE 2x4 CEILING JOISTS AT 8'-1" A.F.F. WITH 5/8" GYP. BD.
5. ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
6. PROVIDE (1) 12" WIRE SHELF WITH INTEGRAL COAT ROD. MOUNT ROD AT +54" A.F.F.
7. REINFORCED CONCRETE ADA ACCESSIBLE WALK (1:20 SLOPE MAXIMUM). REFER TO CIVIL DRAWINGS FOR GRADES. RISE NOT TO EXCEED 6".
8. PROVIDE PLUMBING ACCESS PANEL.
9. 4" REINFORCED CONCRETE SLAB WITH FIBER MESH OVER 2" COMPACTED GRAVEL. SLOPE AWAY FROM UNIT.
10. FRAME DOWN AT VAULTED TRUSS TO MATCH BOTTOM CHORD OF STD TRUSS.
11. PROVIDE (4) WIRE SHELVES WITH SUPPORT BRACKETS.
12. NOT USED
13. VINYL CLAD INSULATED WINDOWS ARE MANUFACTURED BY SIMONTON. STANDARD WINDOW SIZE MEETS OR EXCEEDS FIRST FLOOR OBC EGRESS REQUIREMENTS AT BEDROOM. WRAP (3) SIDES OF WINDOW OPENING WITH GYP. BD. INSTALL 1x TRIM WITH CASING ON SILL.
14. PROVIDE (1) 12" WIRE SHELF WITH LATERAL COAT ROD. MOUNT ROD AT +54" A.F.F. ON SIDE WALLS AND (2) WIRE SHELVES/COAT RODS ON REAR WALL.
15. PROVIDE 3-2x4 POST TOP OF FOUNDATION ASSEMBLY TO UNDERSIDE OF ROOF GIRDER TRUSS BEARING LOCATION. SEE DETAIL 10/A1.0 FOR MORE INFORMATION.
16. DOWNSPOUT - REFER TO FOUNDATION AND CIVIL DRAWINGS.
17. NOT USED.
18. WASHER AND DRYER. PROVIDE PLUMBING CONNECTION BOX FOR WASHING MACHINE AND DRYER VENT THROUGH ATTIC SPACE. SEE PLUMBING AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
19. WASHER TO BE INSTALLED ON LEFT SIDE OF OPENING. DRYER TO BE INSTALLED ON RIGHT SIDE.
20. ICE MAKER WATER SOURCE.
21. 1'-0" STONE RETURN.
22. EXTEND WALL TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD.
23. CAP "PLANT SHELF" AREA WITH (1) LAYER OF 7/16 O.S.B.

WALL TYPE LEGEND

- 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. ON ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 12" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- 1/2" GYP. BD. ON ONE SIDE OF 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT FACED BATT INSULATION. BUILD WALL ABOVE WALL TYPE 'A'.
- NOT USED.
- NOT USED.
- 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TO 8'-1" A.F.F. CAP WITH 7/16" O.S.B.
- LOW WALL: 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 24" O.C. BUILD WALL TO UNDERSIDE OF COUNTERTOP, +34 1/2" A.F.F.
- EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C. UPPER WALL: HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. LOWER WALL: STONE VENEER OVER 1/16" PROSOCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- NOT USED.
- NOT USED.
- EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C. HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.
- EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C. HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- NOT USED.
- EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C. STONE VENEER OVER 1/16" PROSOCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- ONE-HOUR RATED SEPARATION WALL - 2x4 AT 24" O.C. (1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.
- ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C. (1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.



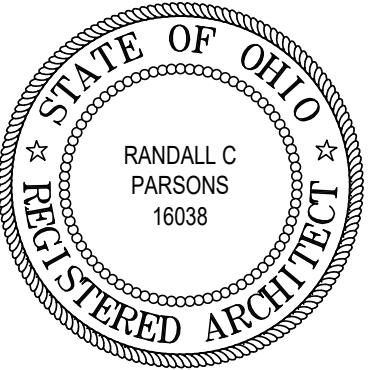
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MANN - PARSONS - GRAY

WILLOWOOD MID RIGHT PLAN
DATE: APRIL 8, 2022
PROJECT #: 31121
REDWOOD THE HARRISON PHASE IV
RED BUCKEYE DRIVE
HUBER HEIGHTS, OHIO 45371



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 MANN - PARSONS - GRAY
 ARCHITECTS
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WILLOWOOD MID LEFT PLAN
 DATE: APRIL 8, 2022

REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371

A2.10L
 17 OF 59

SYMBOLS LEGEND

- W** INDICATES WALL CONSTRUCTION TYPE, REFER TO THIS SHEET FOR DETAILED ASSEMBLY DESCRIPTIONS
- ROOM NAME** INDICATES ROOM NAME REFER TO SHEET A6.7 FOR ROOM FINISH MATERIALS
- TYPICAL SECTION AND DETAIL FLAGS:**
 - REFERS TO SECTION OR ELEVATION NUMBER**
 - REFERS TO DRAWING SHEET NUMBER**
- A** INDICATES WINDOW TYPES- REFER TO SHEET A6.7 FOR WINDOW SCHEDULE
- 2/10** INDICATES DOOR SIZE- REFER TO SHEET A6.7 FOR DOOR AND FRAME MATERIALS AND ELEVATIONS
- INDICATES RATED SEPARATION WALL, 1 HOUR: UL RATING #U-341 OR G.A. FILE # WP3370. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING
- INDICATES RATED SEPARATION WALL, 2 HOUR: G.A. FILE NO. WP-3820. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING.
- ➡** INDICATES SLIDING PATIO DOOR ACTIVE PANEL AND DIRECTION ACTIVE PANEL IS TO SLIDE.

FLAG NOTES:

- PROVIDE WOOD BLOCKING IN WALLS AS REQUIRED FOR GRAB BAR MOUNTING. SEE INTERIOR ELEVATIONS SHEET A6.2 FOR MORE INFORMATION.
- 30"x30" CLEAR FLOOR SPACE FOR MAINTENANCE OF APPLIANCES.
- SAW CUT - SEE FOUNDATION SHEETS.
- BUILD WALLS TIGHT TO UNDERSIDE OF TRUSS BOTTOM CHORD. PROVIDE 2x4 CEILING JOISTS AT 8'-1" A.F.F. WITH 5/8" GYP. BD.
- ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- PROVIDE (1) 12" WIRE SHELF WITH INTEGRAL COAT ROD. MOUNT ROD AT +54" A.F.F.
- REINFORCED CONCRETE ADA ACCESSIBLE WALK (1:20 SLOPE MAXIMUM). REFER TO CIVIL DRAWINGS FOR GRADES. RISE NOT TO EXCEED 6".
- PROVIDE PLUMBING ACCESS PANEL.
- 4" REINFORCED CONCRETE SLAB WITH FIBER MESH OVER 2" COMPACTED GRAVEL. SLOPE AWAY FROM UNIT.
- FRAME DOWN AT VAULTED TRUSS TO MATCH BOTTOM CHORD OF STD TRUSS.
- PROVIDE (4) WIRE SHELVES WITH SUPPORT BRACKETS.
- NOT USED
- VINYL CLAD INSULATED WINDOWS ARE MANUFACTURED BY SIMONTON. STANDARD WINDOW SIZE MEETS OR EXCEEDS FIRST FLOOR OBC EGRESS REQUIREMENTS AT BEDROOM. WRAP (3) SIDES OF WINDOW OPENING WITH GYP. BD. INSTALL 1x TRIM WITH CASING ON SILL.
- PROVIDE (1) 12" WIRE SHELF WITH LATERAL COAT ROD. MOUNT ROD AT +54" A.F.F. ON SIDE WALLS AND (2) WIRE SHELVES/COAT RODS ON REAR WALL.
- PROVIDE 3-2x4 POST TOP OF FOUNDATION ASSEMBLY TO UNDERSIDE OF ROOF GIRDER TRUSS BEARING LOCATION. SEE DETAIL 10A.0 FOR MORE INFORMATION.
- DOWNSPOUT - REFER TO FOUNDATION AND CIVIL DRAWINGS.
- NOT USED.
- WASHER AND DRYER. PROVIDE PLUMBING CONNECTION BOX FOR WASHING MACHINE AND DRYER VENT THROUGH ATTIC SPACE. SEE PLUMBING AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
- WASHER TO BE INSTALLED ON LEFT SIDE OF OPENING. DRYER TO BE INSTALLED ON RIGHT SIDE.
- ICE MAKER WATER SOURCE.
- 1'-0" STONE RETURN.
- EXTEND WALL TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD.
- CAP "PLANT SHELF" AREA WITH (1) LAYER OF 7/16" O.S.B.

NOTES:

- ALL SINGLE STORY UNITS MUST MEET FAIR HOUSING ACT ACCESSIBILITY GUIDELINES FOR ADAPTABILITY.
 - THESE ARE TYPE 'B' DWELLING UNITS AS PER ICC A117.1-2009, SECTION 1004.
- * VERIFY ROUGH OPENING WITH DOOR, WINDOW OR FIXTURE MANUFACTURER PRIOR TO WOOD FRAMING.**
- ** WALL SECTION NOTE :**
 REFER TO EXTERIOR ELEVATION SHEETS FOR EXTERIOR FINISHES.

GENERAL FLOOR PLAN NOTES:

- ALL PARTITION DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, AND/OR FACE OF MASONRY, UNLESS NOTED OTHERWISE.
- VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL, CONTACT THE ARCHITECT FOR CLARIFICATION.
- WALL THICKNESS INDICATED ON FLOOR PLAN(S) SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF WALL (U.N.O.)
- PROVIDE BEHIND WALL REINFORCING AND BLOCKING AS REQUIRED BEHIND DOOR STOPS. ATTACHMENT OF MILLWORK, CASEWORK, TOILET ACCESSORIES, ETC. SEE SHEET A6.2 FOR MORE INFORMATION.
- ALL EXTERIOR CORNERS THROUGHOUT SPACE TO HAVE METAL CORNER BEADS.

WALL TYPE LEGEND

- A** 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A1** 1/2" GYP. BD. ON ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A2** 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 12" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A3** 1/2" GYP. BD. ON ONE SIDE OF 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT FACED BATT INSULATION. BUILD WALL ABOVE WALL TYPE 'A'.

- B** NOT USED.
- B1** NOT USED.
- B2** 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TO 8'-1" A.F.F. CAP WITH 7/16" O.S.B.

- C** **LOW-WALL:** 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 24" O.C. BUILD WALL TO UNDERSIDE OF COUNTERTOP, +/- 3/4 1/2" A.F.F.

- D** **EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C.**
****** UPPER WALL HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.

- **** **LOWER WALL** STONE VENEER OVER 1 1/16" PROSOCCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.
REFER TO ELEVATIONS FOR STONE LOCATIONS

- D1** NOT USED.
- D2** NOT USED.
- D3** **EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C.**
****** HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.

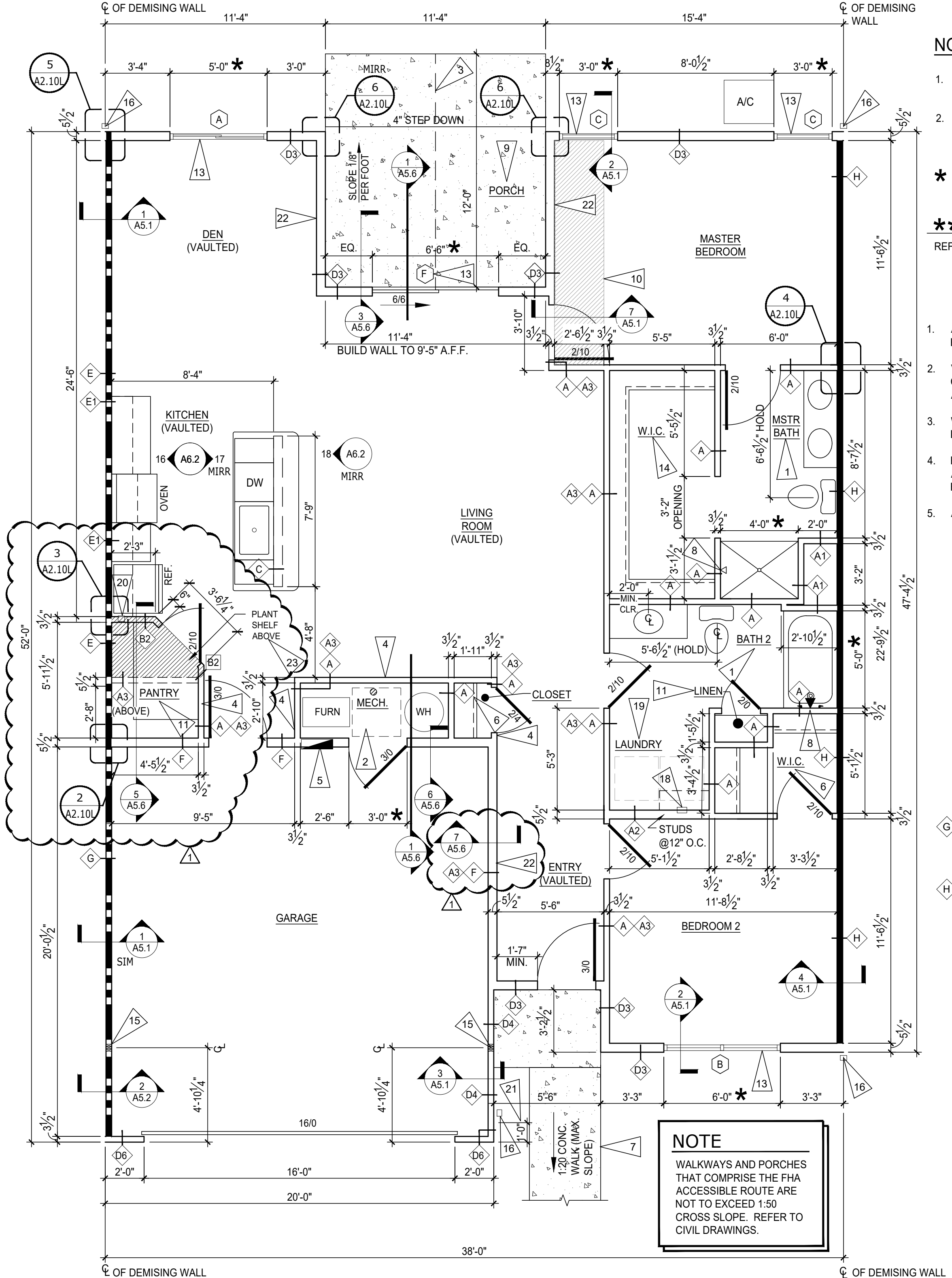
- D4** **EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C.**
****** HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.

- D5** NOT USED.
- **** **EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C.**
****** STONE VENEER OVER 1 1/16" PROSOCCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.
REFER TO ELEVATIONS FOR STONE LOCATIONS

- E** **ONE-HOUR RATED SEPARATION WALL - 2x4 AT 24" O.C.**
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/AS.1, 5/AS.1, AND SHEET AS.0.

- E1** **ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.**
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/AS.1, 5/AS.1, AND SHEET AS.0.

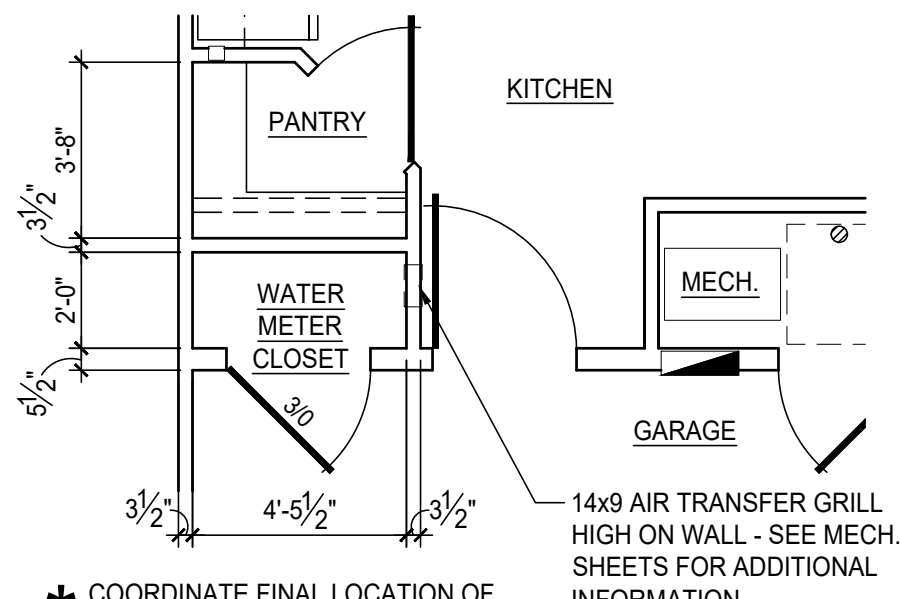
- F** **GARAGE / UNIT SEPARATION WALL - 2x6 AT 24" O.C.**
2x6 WOOD STUDS AT 24" O.C. WITH 5/8" TYPE 'X' GYP. BD. EACH SIDE WITH R-21 KRAFT-FACED BATT INSULATION. BUILD WALL TIGHT TO TRUSS BOTTOM CHORD. SEE 3/AS.2.



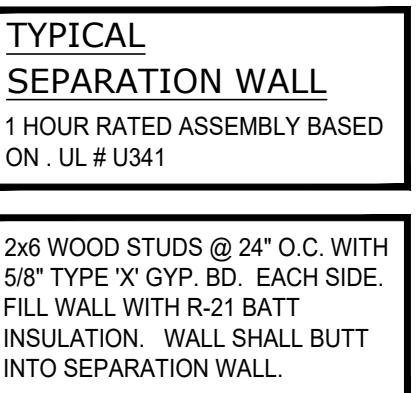
NOTE
WALKWAYS AND PORCHES THAT COMPRISE THE FHA ACCESSIBLE ROUTE ARE NOT TO EXCEED 1:50 CROSS SLOPE. REFER TO CIVIL DRAWINGS.

WALL TYPE LEGEND (CONT'D)

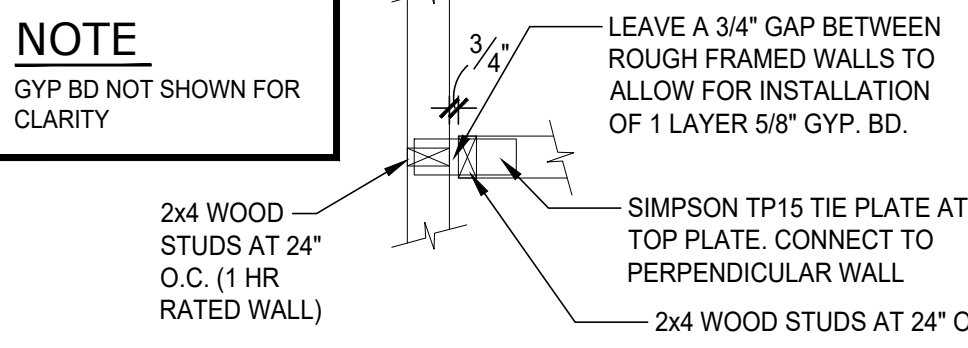
- G** **ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.**
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 1" AIR SPACE, 2x4 WOOD STUDS AT 16" O.C. AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER GA FILE NO. WP3370. SEE 1/AS.1, 5/AS.1, AND SHEET AS.0.
- H** **TWO-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.**
(2) LAYERS 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATING BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS WITH 3 1/2" SOUND ATTENUATING BATT INSULATION AND (2) LAYERS 5/8" TYPE 'X' GYP. BD. ONE SIDE. BUILD WALL TIGHT TO UNDERSIDE OF ROOF SHEATHING. (GA FILE # WP3820) SEE 4/AS.1 AND SHEET AS.0.



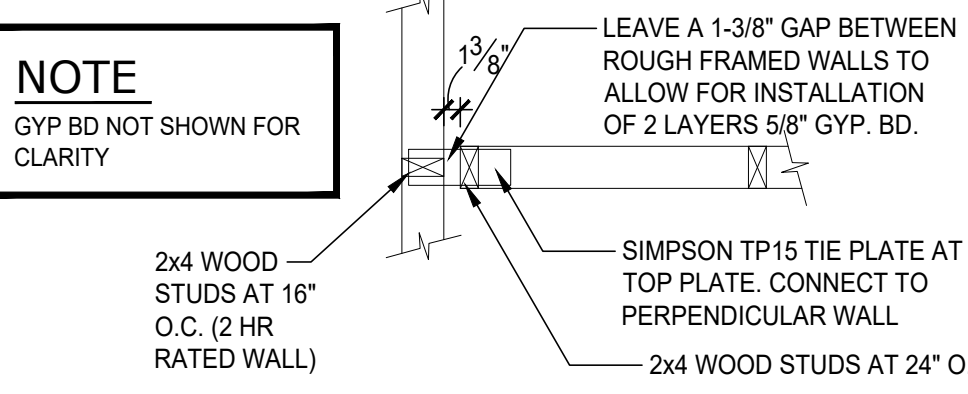
*** COORDINATE FINAL LOCATION OF WATER SUPPLY CLOSET WITH CIVIL DRAWINGS BEFORE FRAMING.**



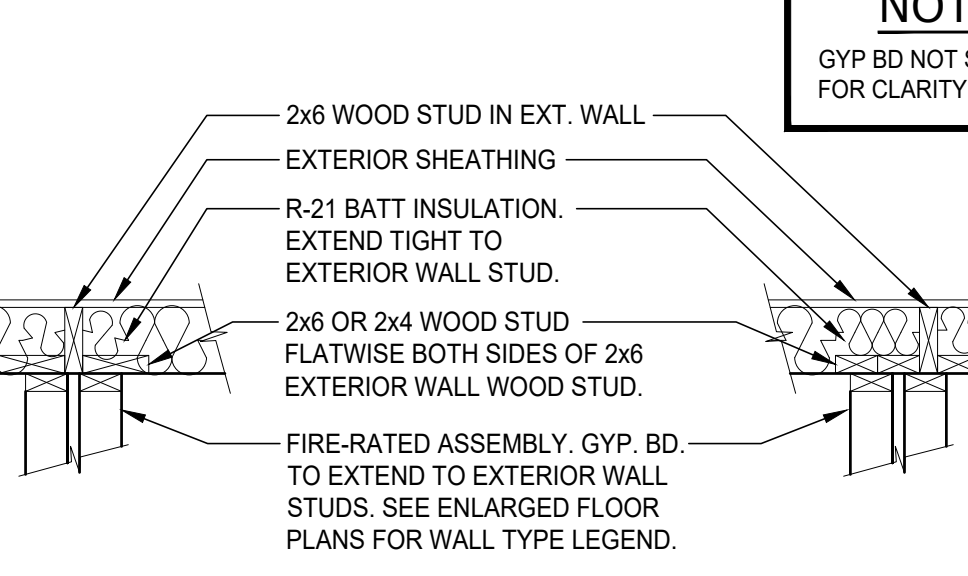
2 TYP. SEPERATION WALL
SCALE: 3/4" = 1'-0"



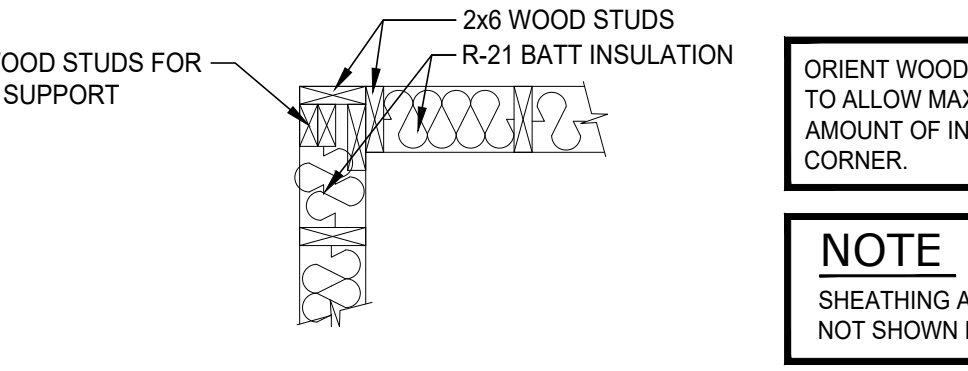
3 TYP. FRAMING - 1 HR WALL
SCALE: 3/4" = 1'-0"



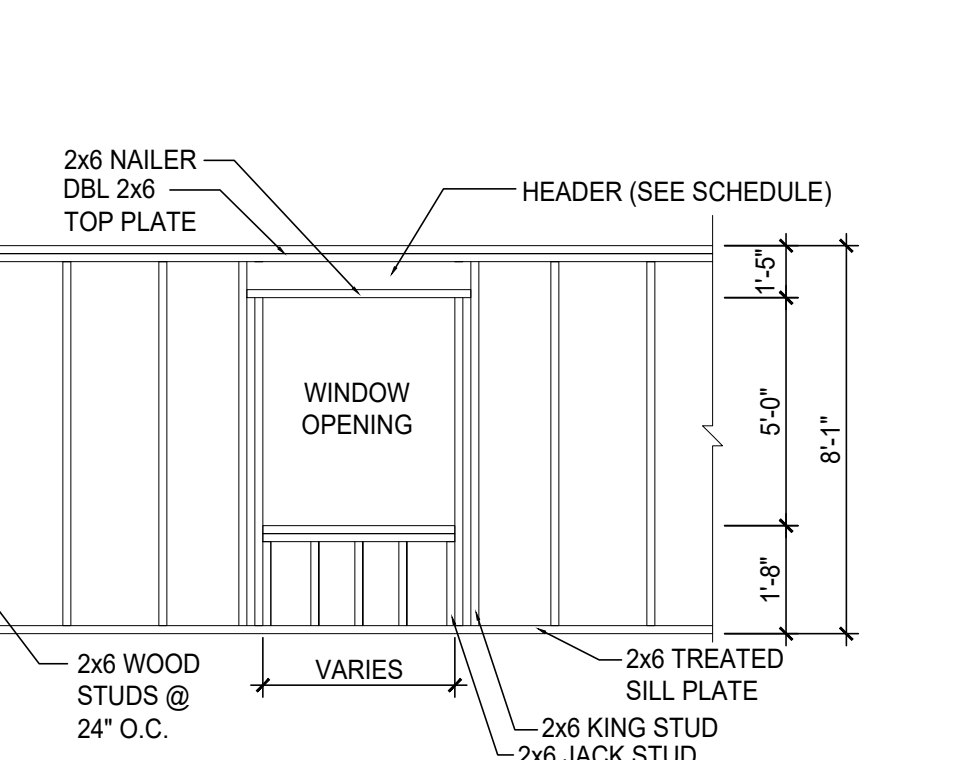
4 TYP. FRAMING - 2 HR WALL
SCALE: 3/4" = 1'-0"



5 FRAMING - EXT. WALL (CENTERED & OFFSET)
SCALE: 3/4" = 1'-0"



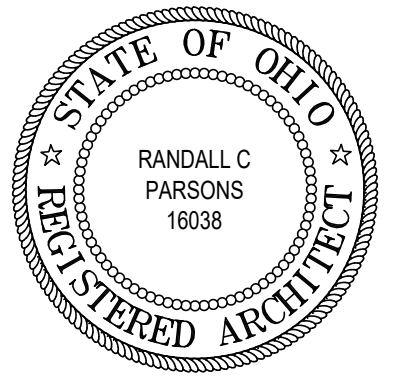
6 HEADER SUPPORT
SCALE: 3/4" = 1'-0"



7 TYP. WALL FRAME DETAIL
SCALE: 1/4" = 1'-0"

1 WILLOWOOD MID - LEFT PLAN
SCALE: 1/4" = 1'-0"

1A WATER METER CLOSET DETAIL
SCALE: 1/4" = 1'-0"



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WILLOWOOD END 2 RIGHT PLAN

PROJECT #: 31121
DATE: APRIL 8, 2022

REDWOOD THE HARRISON PHASE IV
RED BUCKEYE DRIVE
HUBER HEIGHTS, OHIO 45371



A2.12R
22 OF 59

SYMBOLS LEGEND

- W** INDICATES WALL CONSTRUCTION TYPE, REFER TO THIS SHEET FOR DETAILED ASSEMBLY DESCRIPTIONS
- ROOM NAME** INDICATES ROOM NAME REFER TO SHEET A6.7 FOR ROOM FINISH MATERIALS
- TYPICAL SECTION AND DETAIL FLAGS:**
 - REFERS TO SECTION OR ELEVATION NUMBER**
 - REFERS TO DRAWING SHEET NUMBER**
- A** INDICATES WINDOW TYPES- REFER TO SHEET A6.7 FOR WINDOW SCHEDULE
- 2/10** INDICATES DOOR SIZE- REFER TO SHEET A6.7 FOR DOOR AND FRAME MATERIALS AND ELEVATIONS
- INDICATES RATED SEPARATION WALL, 1 HOUR, UL RATING #U-341 OR GA FILE NO. WP3370. RUN TIGHT TO UNDERSIDE OF ROOF SHEATHING
- INDICATES SLIDING PATIO DOOR ACTIVE PANEL AND DIRECTION ACTIVE PANEL IS TO SLIDE.
- HP** HIGH PROFILE END. SEE EXTERIOR ELEVATIONS.
- STD** STANDARD PROFILE END. SEE EXTERIOR ELEVATIONS.

GENERAL FLOOR PLAN NOTES:

- ALL PARTITION DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, AND/OR FACE OF MASONRY, UNLESS NOTED OTHERWISE.
- VERIFY ALL DIMENSIONED CONDITIONS IN THE FIELD. WHEN DIMENSIONS AND/OR CONDITIONS AS INDICATED ON THE DRAWINGS CONFLICT WITH ACTUAL, CONTACT THE ARCHITECT FOR CLARIFICATION.
- WALL THICKNESS INDICATED ON FLOOR PLAN(S) SHALL BE CONSTANT FOR THE ENTIRE LENGTH OF WALL (U.N.O.)
- PROVIDE BEHIND WALL REINFORCING AND BLOCKING AS REQUIRED BEHIND DOOR STOPS, ATTACHMENT OF MILLWORK, CASEWORK, TOILET ACCESSORIES, ETC. SEE SHEET A6.2 FOR MORE INFORMATION.
- ALL EXTERIOR CORNERS THROUGHOUT SPACE TO HAVE METAL CORNER BEADS.

NOTES:

- ALL SINGLE STORY UNITS MUST MEET FAIR HOUSING ACT ACCESSIBILITY GUIDELINES FOR ADAPTABILITY.
- THESE ARE TYPE 'B' DWELLING UNITS AS PER ICC A117.1-2009, SECTION 1004.

* VERIFY ROUGH OPENING WITH DOOR, WINDOW OR FIXTURE MANUFACTURER PRIOR TO WOOD FRAMING.

** WALL SECTION NOTE :

REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR FINISHES.

WALL TYPE LEGEND (CONT'D)

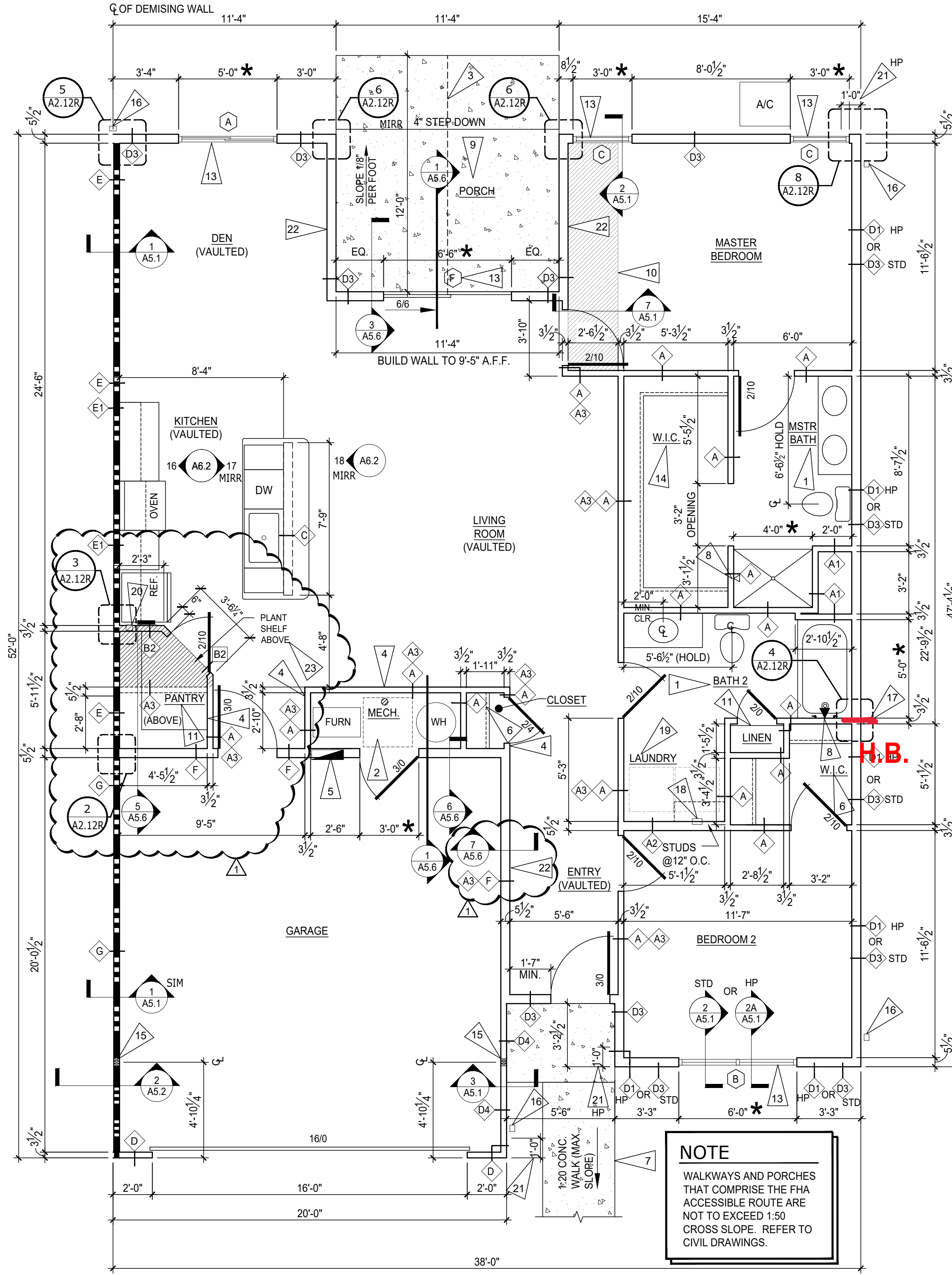
G ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 1" AIR SPACE. 2x4 WOOD STUDS AT 16" O.C. AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER GA FILE NO. WP3370. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.

FLAG NOTES:

- PROVIDE WOOD BLOCKING IN WALLS AS REQUIRED FOR GRAB BAR MOUNTING. SEE INTERIOR ELEVATIONS SHEET A6.2 FOR MORE INFORMATION.
- 30"x30" CLEAR FLOOR SPACE FOR MAINTENANCE OF APPLIANCES.
- SAW CUT - SEE FOUNDATION SHEETS.
- BUILD WALLS TIGHT TO UNDERSIDE OF TRUSS BOTTOM CHORD. PROVIDE 2x4 CEILING JOISTS AT 8'-1" A.F.F. WITH 5/8" GYP. BD.
- ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- PROVIDE (1) 12" WIRE SHELF WITH INTEGRAL COAT ROD. MOUNT ROD AT +54" A.F.F.
- REINFORCED CONCRETE ADA ACCESSIBLE WALK (1:20 SLOPE MAXIMUM), REFER TO CIVIL DRAWINGS FOR GRADES. RISE NOT TO EXCEED 6".
- PROVIDE PLUMBING ACCESS PANEL.
- 4" REINFORCED CONCRETE SLAB WITH FIBER MESH OVER 2" COMPACTED GRAVEL. SLOPE AWAY FROM UNIT.
- FRAME DOWN AT VAULTED TRUSS TO MATCH BOTTOM CHORD OF STD TRUSS.
- PROVIDE (4) WIRE SHELVES WITH SUPPORT BRACKETS.
- NOT USED
- VINYL CLAD INSULATED WINDOWS ARE MANUFACTURED BY SIMONTON STANDARD WINDOW SIZE MEETS OR EXCEEDS FIRST FLOOR OBC EGRESS REQUIREMENTS AT BEDROOM. WRAP (3) SIDES OF WINDOW OPENING WITH GYP. BD. INSTALL 1x TRIM WITH CASING ON SILL.
- PROVIDE (1) 12" WIRE SHELF WITH LATERAL COAT ROD. MOUNT ROD AT +54" A.F.F. ON SIDE WALLS AND (2) WIRE SHELVES/COAT RODS ON REAR WALL.
- PROVIDE 3-2x4 POST TOP OF FOUNDATION ASSEMBLY TO UNDERSIDE OF ROOF GIRDER TRUSS BEARING LOCATION. SEE DETAIL 10A1.0 FOR MORE INFORMATION.
- DOWNSPOUT - REFER TO FOUNDATION AND CIVIL DRAWINGS.
- FROST FREE HOSE BIBB.
- WASHER AND DRYER, PROVIDE PLUMBING CONNECTION BOX FOR WASHING MACHINE AND DRYER VENT THROUGH ATTIC SPACE. SEE PLUMBING AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
- WASHER TO BE INSTALLED ON LEFT SIDE OF OPENING. DRYER TO BE INSTALLED ON RIGHT SIDE.
- ICE MAKER WATER SOURCE.
- 1'-0" STONE RETURN.
- EXTEND WALL TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD.
- CAP "PLANT SHELF" AREA WITH (1) LAYER OF 7/16" O.S.B.

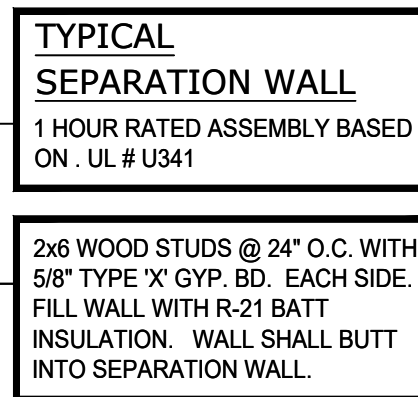
WALL TYPE LEGEND

- A** 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A1** 1/2" GYP. BD. ON ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A2** 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 12" O.C. BUILD WALL TIGHT TO BOTTOM CHORD OF TRUSSES. USE MOISTURE RESISTANT GYP. BD. AT WET/RESTROOM SIDE OF WALL.
- A3** 1/2" GYP. BD. ON ONE SIDE OF 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT FACED BATT INSULATION. BUILD WALL ABOVE WALL TYPE 'A'.
- B** NOT USED.
- B1** NOT USED.
- B2** 1/2" GYP. BD. EACH SIDE OF 2x4 WOOD STUDS AT 24" O.C. BUILD WALL TO 8'-1" A.F.F. CAP WITH 7/16" O.S.B.
- C** LOW-WALL: 1/2" GYP. BD. EACH SIDE OF 2x6 WOOD STUDS AT 24" O.C. BUILD WALL TO UNDERSIDE OF COUNTERTOP, +/- 34 1/2" A.F.F.
- D** EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C.
****** UPPER WALL: HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.
LOWER WALL: STONE VENEER OVER 1/16" PROSOCCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- D1** EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C.
****** UPPER WALL: HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.
LOWER WALL: STONE VENEER OVER 1/16" PROSOCCO R-GUARD SYSTEM (OR APPROVED EQUAL) OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR. REFER TO ELEVATIONS FOR STONE LOCATIONS
- D2** NOT USED.
- D3** EXTERIOR WALL CONSTRUCTION - 2x6 AT 24" O.C.
****** HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x6 WOOD STUDS AT 24" O.C. WITH R-21 KRAFT-FACED BATT INSULATION AND 5/8" GYP. BD. INTERIOR.
- D4** EXTERIOR WALL CONSTRUCTION - 2x4 AT 24" O.C.
****** HORIZONTAL SIDING OVER TYVEK WRAP OVER 7/16" O.S.B. EXT. GRADE SHEATHING OVER 2x4 WOOD STUDS AT 24" O.C. WITH 5/8" GYP. BD. INTERIOR.
- E** ONE-HOUR RATED SEPARATION WALL - 2x4 AT 24" O.C.
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATION BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 24" O.C. WITH 3 1/2" SOUND ATTENUATION BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.
- E1** ONE-HOUR RATED SEPARATION WALL - 2x4 AT 16" O.C.
(1) LAYER 5/8" TYPE 'X' GYP. BD. ONE SIDE OF 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATION BATT INSULATION, 1" AIR SPACE, 2x4 WOOD STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATION BATT INSULATION AND (1) LAYER 5/8" TYPE 'X' GYP. BD. 1 HOUR RATING PER U.L. 341. SEE 1/A5.1, 5/A5.1, AND SHEET A5.0.
- F** GARAGE / UNIT SEPARATION WALL - 2x6 AT 24" O.C.
2x6 WOOD STUDS AT 24" O.C. WITH 5/8" TYPE 'X' GYP. BD. EACH SIDE WITH R-21 KRAFT-FACED BATT INSULATION. BUILD WALL TIGHT TO TRUSS BOTTOM CHORD. SEE 3/A5.2.

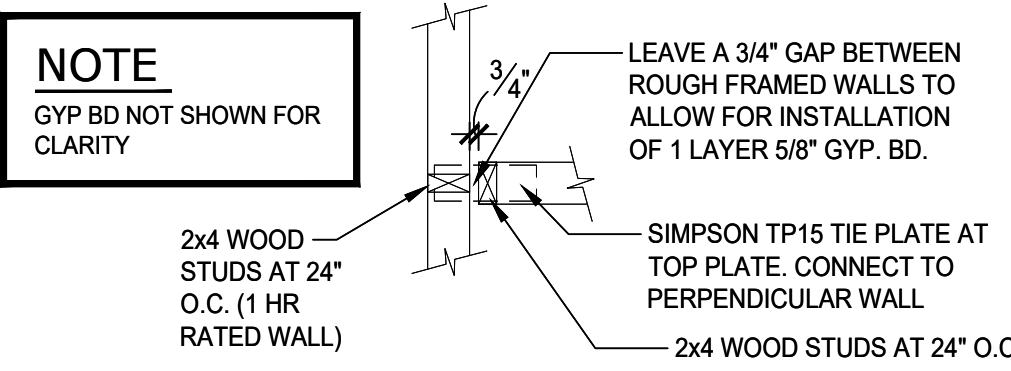


NOTE
WALKWAYS AND PORCHES THAT COMPRISE THE FHA ACCESSIBLE ROUTE ARE NOT TO EXCEED 1:50 CROSS SLOPE. REFER TO CIVIL DRAWINGS.

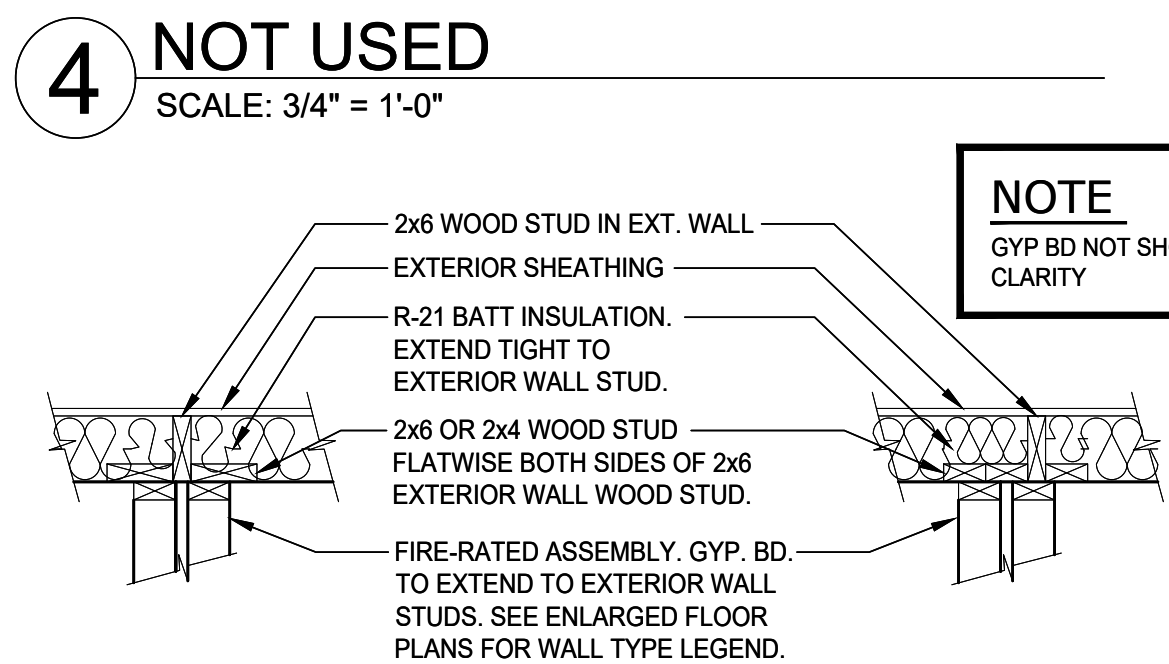
1 WILLOWOOD END 2 - RIGHT PLAN
SCALE: 1/4" = 1'-0"



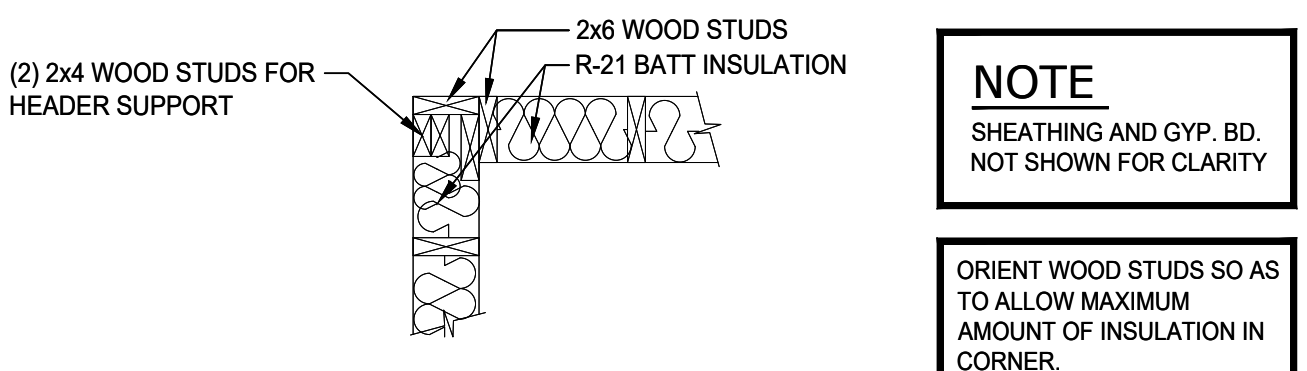
2 TYP. SEPARATION WALL
SCALE: 3/4" = 1'-0"



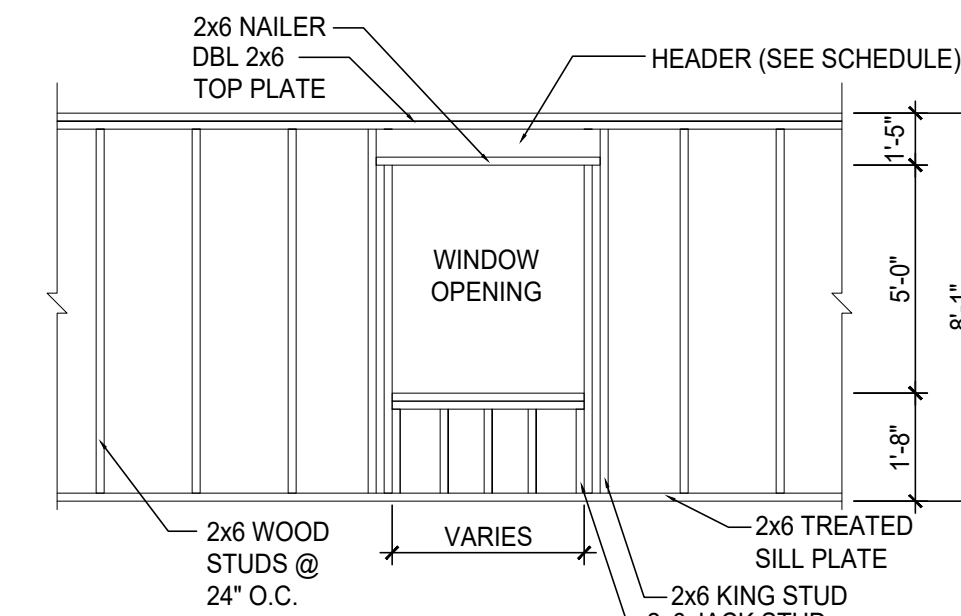
3 TYP. FRAMING - 1 HR WALL
SCALE: 3/4" = 1'-0"



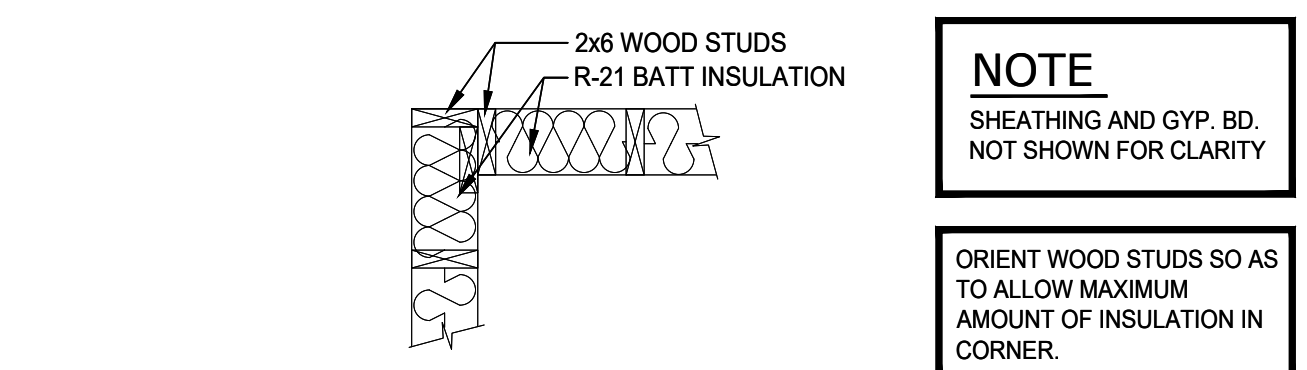
5 FRAMING - EXTERIOR WALL
SCALE: 3/4" = 1'-0" (CENTERED & OFFSET)



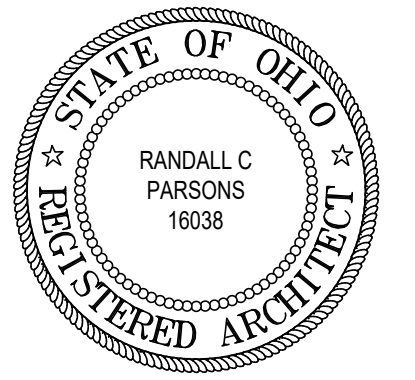
6 FRAMING - CALIFORNIA CORNER
SCALE: 3/4" = 1'-0"



7 DETAIL TYP. WALL FRAME DETAIL
SCALE: 1/4" = 1'-0"



8 FRAMING - TYP. OUTSIDE CORNER CALIFORNIA CORNER
SCALE: 3/4" = 1'-0"



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MECH. & PLUMBING PLANS - WILLOWOOD

DATE: APRIL 8, 2022
 PROJECT #: 31121
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 46371



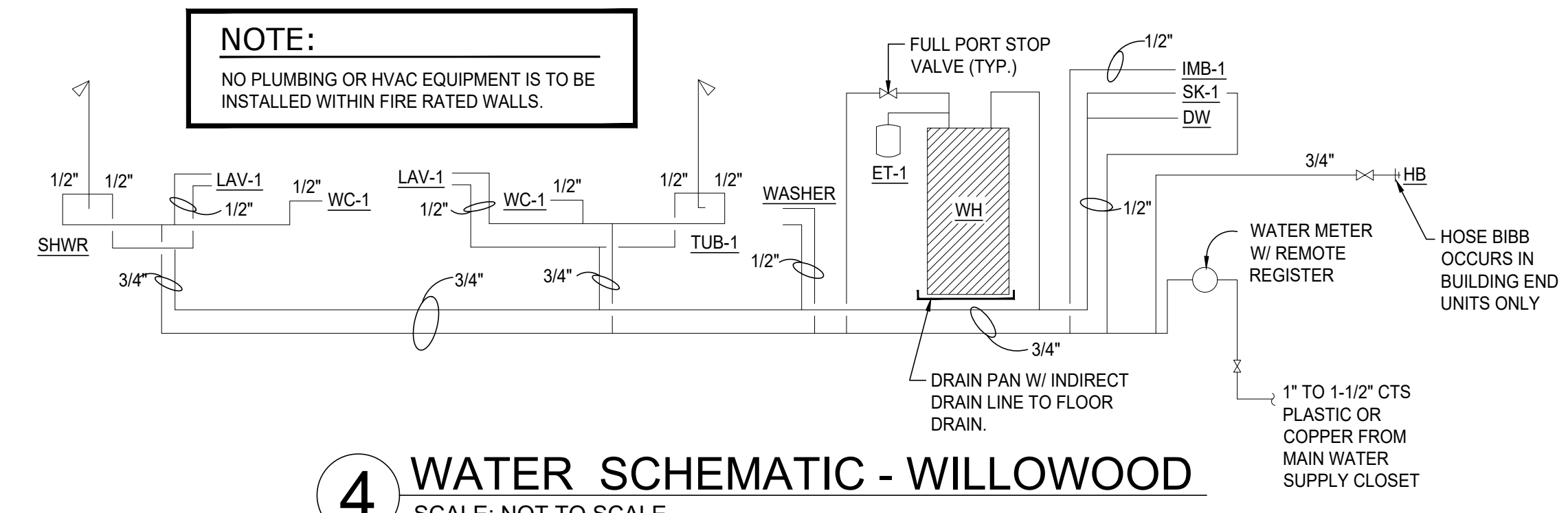
M1.5
 2 OF 4

- NOTES:**
- REFER TO SHEET M1.0 FOR PLUMBING AND MECHANICAL SPECS.
 - 4" Ø, 26 GAUGE (MIN.) DRYER EXHAUST DUCT TO RUN UP THROUGH ROOF. CONTRACTOR TO INSTALL ROOF VENT WITH BACKDRAFT DAMPER ON REAR SIDE OF ROOF. DRYER EXHAUST DUCT LENGTH SHALL NOT EXCEED 25'. SEE DETAIL 1/M1.0 FOR MORE INFORMATION.
 - BATHROOM EXHAUST FAN SHALL VENT DIRECTLY TO THE EXTERIOR THROUGH THE SOFFIT.
 - ALL ROOF DRAINS SHALL DRAIN TO THE STORM SEWER SYSTEM. REFER TO THE SITE UTILITIES PLAN FOR MORE INFORMATION.

WASHER & DRYER LOCATION
 WASHER TO BE INSTALLED ON LEFT SIDE OF OPENING, DRYER TO BE INSTALLED ON THE RIGHT SIDE OF OPENING

NOTE:
 DO NOT INSTALL ANY VENTS OR PROVIDE ANY ROOF PENETRATIONS WITHIN FIRE RATED SHEATHING AREA 4'-0" EACH SIDE OF (2) HOUR FIRE RATED WALL ASSEMBLIES.

4 WATER SCHEMATIC - WILLOWOOD
 SCALE: NOT TO SCALE

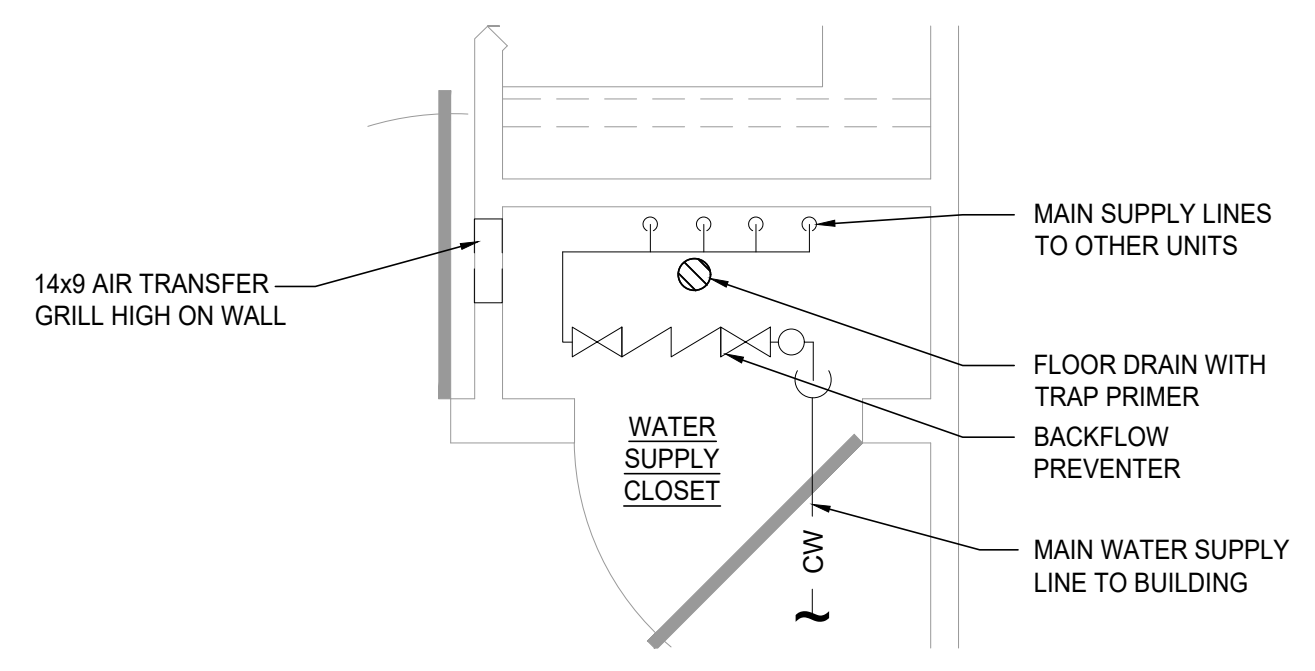


NOTE:
 CONDENSER PADS ARE REQUIRED UNDER ALL CONDENSER UNITS TO PROVIDE A MINIMUM OF 3" CLEARANCE FROM GRADE PER OMC 304.10

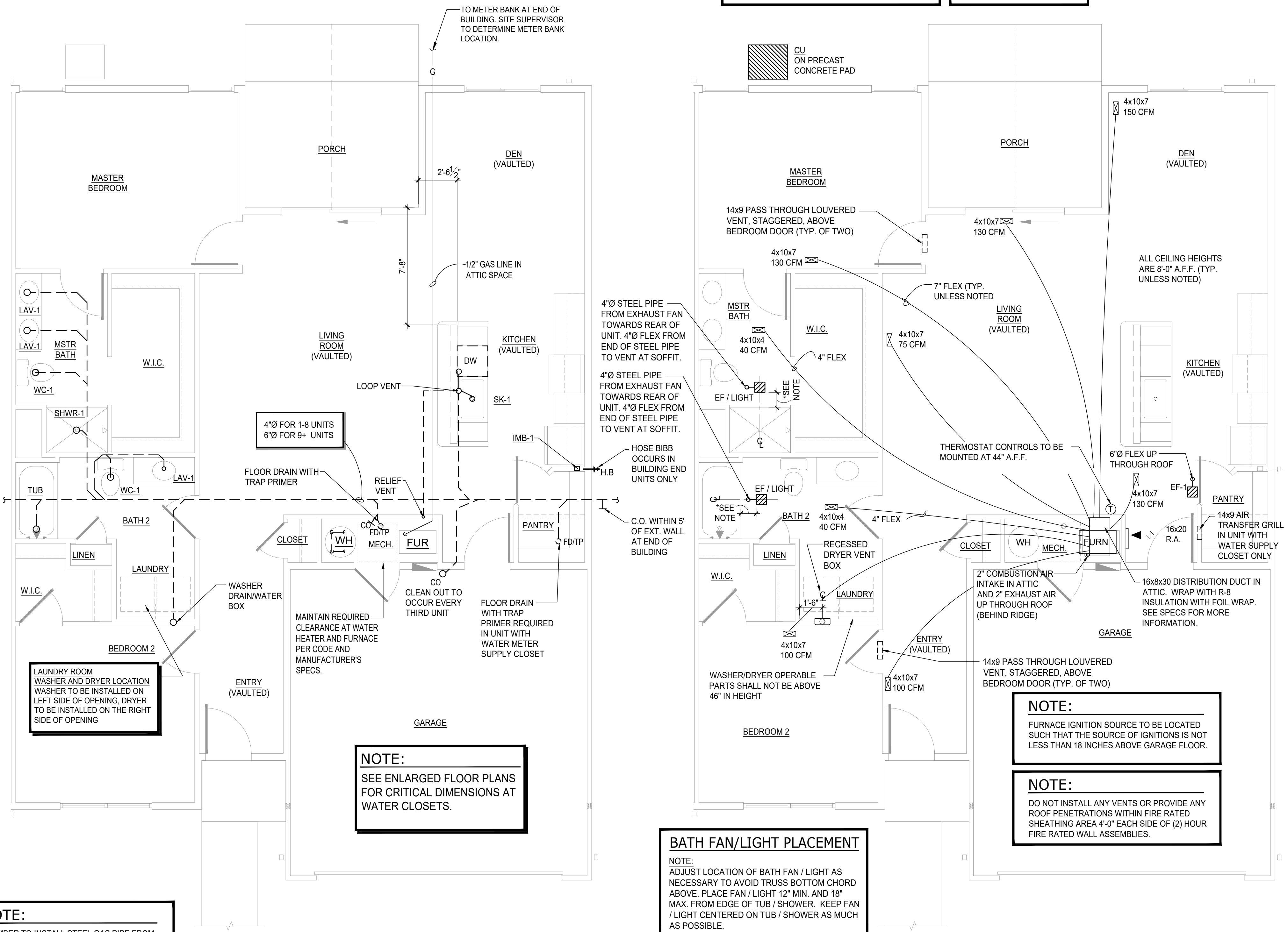
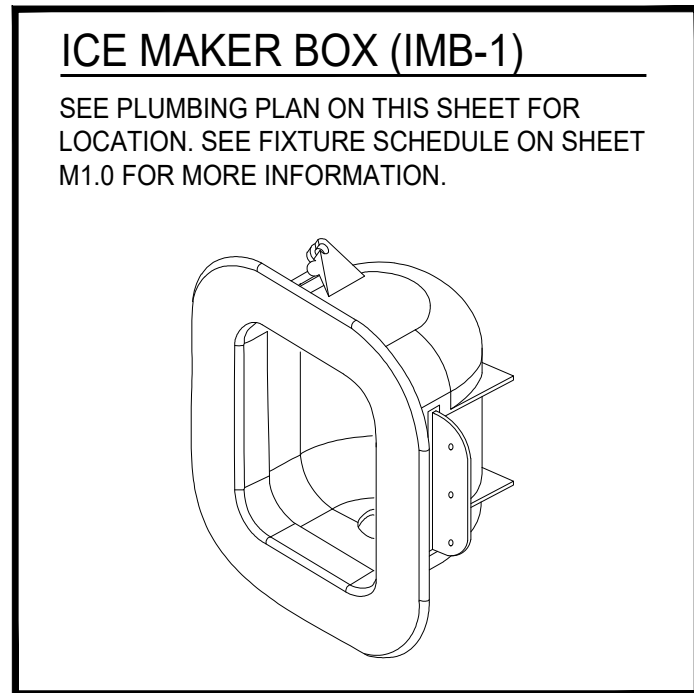
NOTE: SUPPLY AIR DIFFUSERS AS SHOWN ARE DIAGRAMMATIC ONLY. DIFFUSERS ARE TO BE INSTALLED IN WALLS EXCEPT FOR BATHROOMS.

NOTE:
 NO PLUMBING OR HVAC EQUIPMENT IS TO BE INSTALLED WITHIN FIRE RATED WALLS.

5 WATER SUPPLY CLOSET - WILLOWOOD
 SCALE: N.T.S.



* COORDINATE FINAL LOCATION OF WATER SUPPLY CLOSET WITH CIVIL DRAWINGS BEFORE FRAMING.



NOTE:
 PLUMBER TO INSTALL STEEL GAS PIPE FROM METER TO ATTIC SPACE. NO FLEX PIPE IS TO BE INSTALLED IN THE WALL CAVITY.

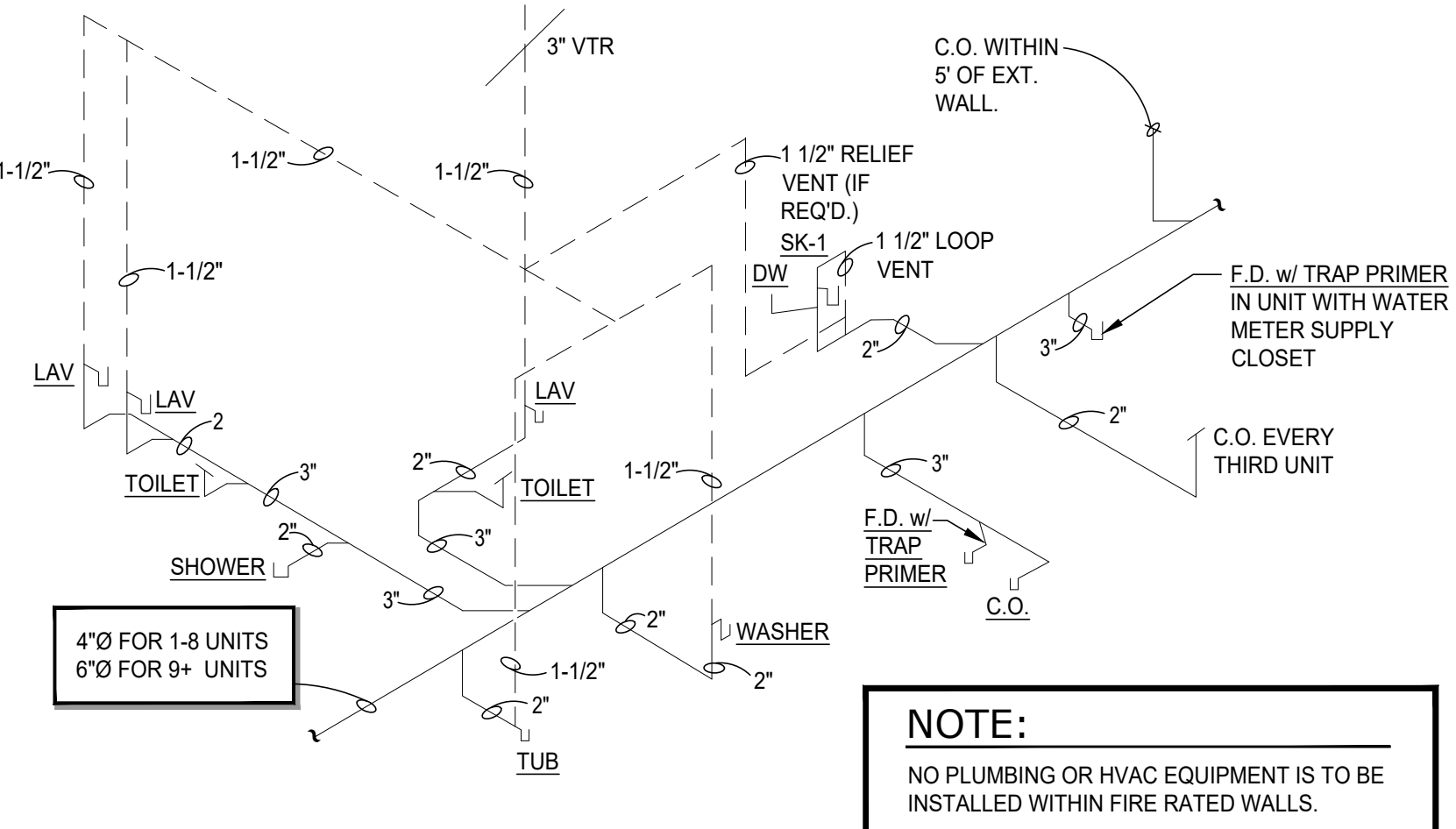
NOTE:
 CORRUGATED GAS PIPING IS TO BE BONDED TO THE ELECTRICAL SERVICE GROUNDING ELECTRODE SYSTEM WITH A MINIMUM #6 AWG COPPER WIRE OR EQUIVALENT.

2 PLUMBING PLAN - WILLOWOOD
 SCALE: 1/4" = 1'-0"

BATH FAN/LIGHT PLACEMENT
NOTE:
 ADJUST LOCATION OF BATH FAN / LIGHT AS NECESSARY TO AVOID TRUSS BOTTOM CHORD ABOVE. PLACE FAN / LIGHT 12" MIN. AND 18" MAX. FROM EDGE OF TUB / SHOWER. KEEP FAN / LIGHT CENTERED ON TUB / SHOWER AS MUCH AS POSSIBLE.

NOTE:
 FURNACE IGNITION SOURCE TO BE LOCATED SUCH THAT THE SOURCE OF IGNITIONS IS NOT LESS THAN 18 INCHES ABOVE GARAGE FLOOR.

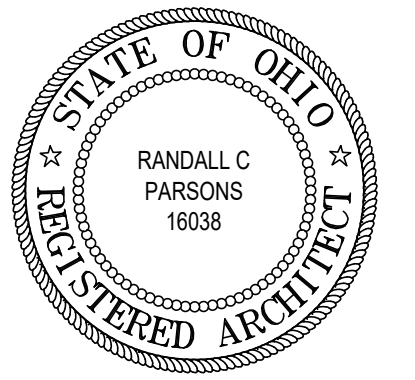
NOTE:
 DO NOT INSTALL ANY VENTS OR PROVIDE ANY ROOF PENETRATIONS WITHIN FIRE RATED SHEATHING AREA 4'-0" EACH SIDE OF (2) HOUR FIRE RATED WALL ASSEMBLIES.



3 PLUMBING ISOMETRIC - WILLOWOOD
 SCALE: NOT TO SCALE

NOTE:
 NO PLUMBING OR HVAC EQUIPMENT IS TO BE INSTALLED WITHIN FIRE RATED WALLS.

1 MECHANICAL PLAN - WILLOWOOD
 SCALE: 1/4" = 1'-0"



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MECHANICAL AND PLUMBING NOTES AND SPECS

DATE: APRIL 8, 2022
REDWOOD THE HARRISON PHASE IV
 RED BUCKEYE DRIVE
 HUBER HEIGHTS, OHIO 45371



M1.0
 1 OF 4

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	WASTE	VENT	H.W.	C.W.	MANUFACTURER & MODEL NUMBER
WC1	FLOOR MOUNTED WATER CLOSET (ELONGATED) TANK TYPE	3"	2"	-	1/2"	"MANSFIELD" #137-160 "ALTO" SMARTHEIGHT GRAVITY FLUSH TOILET, VIT CHINA, 1.6 GALLON FLUSH, FLOOR MOUNTED W/CLOSE COUPLED TANK AND ELONGATED FRONT SIPHON JET BOWL WITH SOLID PLASTIC OR MOLDED WOOD ELONGATED CLOSED FRONT SEAT W/COVER, WATER CONTROL W/211 FLUSH VALVE AND 88 ANTI-SIPHON BALLCOCK, 16-3/4" HIGH BOWL (OR EQUAL).
LAV	UNDER COUNTER MOUNTED LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	UNDERCOUNTER MOUNTED LAVATORY "GERBER" LUXOVAL19"x15" OVAL BASIN, FRONT OVERFLOWS, 4" FAUCET CENTERS WITH "MOEN" #L-4621 FAUCET WITH 4" CENTERS, SINGLE LEVER HANDLE AERATOR, W/1.5 GPM FLOW RESTRICTOR, DRAIN W/ 1-1/4" TAILPIECE AND ADJUSTABLE P-TRAP, 3/8" ANGLE SUPPLY COCK AND RISERS, CHINA WHITE (OR EQUAL).
SK-1	SINGLE COMPART. SINK	1-1/2"	1-1/2"	1/2"	1/2"	STAINLESS STEEL UNDER MOUNT SINK, PRIMO MODEL "LARGE SINGLE", 33" OD X 18" OD X 9" DEEP, PROVIDE WITH PERFORATED GRID STRAINER, "CFG" CAPSTONE MODEL #CA40519SL DECK MOUNTED FAUCET WITH SINGLE HANDLE LEVER AND 59" PULLOUT SPRAY, CHROME PLATED, P-TRAP, AND STOPS WITH SUPPLIES. INSINKERATOR BADGER 1 FOOD WASTE DISPOSER (OR EQUAL).
TUB	TUB/SHOWER	1-1/2"	1-1/2"	1/2"	1/2"	"HAMILTON" TUB/SHOWER UNIT #G6032TSCS WITH "CFG" #4031C TUB/SHOWER TRIM WITH SLIP FIT TUB SPOUT, "CFG" MODEL #45311 VALVE (OR EQUAL).
SHWR	SHOWER	1-1/2"	1-1/2"	1/2"	1/2"	"HAMILTON" #G4895SH2S SHOWER UNIT w/ "CFG" #40315C SHOWER ONLY TRIM AND "CFG" MODEL #45311 VALVE (SINGLE LEVER), (OR EQUAL).
ET-1	EXPANSION TANK	-	-	-	-	"EXTROL" #5 EXPANSION TANK (OR EQUAL).
HB	HOSE BIB	-	-	-	-	"WOODFORD" CP-17 (OR EQUAL) WITH VACUUM BREAKER.
WB	WASHER BOX	-	-	-	-	"OATEY" #38530 PVC (OR EQUAL).
WH	WATER HEATER	-	-	-	-	"BRADFORD WHITE" #RE350S6 50 GALLON CAPACITY ELECTRIC WATER HEATER w/ 28" ALUMINUM DRIP PAN WITH DRAIN (OR EQUAL).
IMB-1	ICE MAKER BOX	-	-	-	1/2"	"OATEY" #39136 1 2K, 1/4 TURN, F1807, LOW LEAD - STANDARD PACK (OR EQUAL).

- NOTES:
 1. TOILET PAPER HOLDERS: PROVIDE TOILET PAPER HOLDER AT EACH WATER CLOSET.

PLUMBING SPECIFICATIONS

- I. SCOPE OF WORK**
- A. FURNISH AND INSTALL SANITARY SEWER, STORM, STORM SEWER, VENT SYSTEM, DOMESTIC HOT AND COLD WATER AND NATURAL GAS SYSTEM AS SHOWN ON DRAWINGS.
 - B. INSTALL ALL FIXTURES AND TRIM AS SHOWN ON DRAWINGS
- II. PLUMBING MATERIALS AND INSTALLATION**
- A. INSTALL THE OWNER FURNISHED FIXTURES SHOWN ON THE PLANS.
 - B. CITY WATER AND DOMESTIC HOT WATER - PLASTIC PIPE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE LOCAL WATER UTILITY REQUIREMENTS. INSULATE ALL ABOVE GRADE HOT AND COLD WATER PIPING WITH ONE-HALF (1/2") INCH THICK MOLDED FIBERGLASS HAVING TYPE ASJ JACKET AND MANUFACTURED BY OWENS-CORNING FIBERGLASS COMPANY.
 - C. CITY WATER (UNDERGROUND) - K COPPER FOR 50' UP TO THE BUILDING. REMAINDER - PLASTIC PIPE
- D. ALL UNDERGROUND SOIL AND WASTE DRAINAGE PIPING INSIDE THE BUILDING AND TO A POINT 5'-0" OUTSIDE THE BUILDING SHALL BE CENTRIFUGALLY CAST SERVICE WEIGHT, BELL AND SPIGOT CAST IRON SOIL PIPE WITH SERVICE WEIGHT CAST IRON FITTINGS AND NEOPRENE GASKETS CONFORMING TO ASTM C-564, OR PLASTIC PVC SCHEDULE 40 CONFORMING TO ASTM D-2665 OR ABS PIPE.**
- E. DRAIN, WASTE AND VENT PIPING (ABOVE GROUND) MAY BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT OR "NO-HUB" JOINTS, WITH NEOPRENE GASKETS, GALVANIZED STEEL PIPE WITH CAST IRON DRAINAGE FITTINGS, COPPER DRAINAGE TUBE (DWV) CONFORMING TO ASTM B-306 OR WHERE APPROVED BY LOCAL AUTHORITY, PLASTIC (PVC) SCHEDULE 40 CONFORMING TO ASTM D-2665 OR ABS PIPE.**
- III. FIXTURES**
 SEE FIXTURE SCHEDULE
- NOTE:**
1. IGNITION SOURCE SHALL BE LOCATED AS PER OMC 304.3.
 2. MAXIMUM LENGTH OF DRYER VENTS SHALL COMPLY WITH OMC 504.8.4.

PLUMBING LEGEND

ABBREVIATION	DESCRIPTION
	BACKFLOW PREVENTER
	CHECK VALVE
	SHUT OFF VALVE
	UNION
	CLEANOUT AT FLOOR
	FLOOR DRAIN
	BRANCH PIPING OFF BOTTOM
	BRANCH PIPING OFF TOP
	PIPE DROP
	PIPE RISE
	HOSE BIB
	CONDENSATE DRAIN PIPING
	COLD WATER PIPING
	GAS PIPING
	HOT WATER PIPING
	SANITARY SEWER
	SANITARY SEWER BELOW
	VENT PIPING
	BACKFLOW PREVENTER
	BATHTUB
	CLEANOUT
	DOMESTIC WATER HEATER
	ELECTRICAL CONTRACTOR
	ELEVATION
	FURNACE
	FLOOR DRAIN WITH TRAP PRIMER
	INVERT
	LAVATORY
	LAUNDRY BOX
	MECHANICAL CONTRACTOR
	PLUMBING CONTRACTOR
	REDUCED PRESSURE BACKFLOW PREVENTER
	SINK
	VENT THRU ROOF
	WATER CLOSET

HVAC SPECIFICATIONS

- I. SCOPE OF WORK**
- A. INSTALL ALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS AS SHOWN ON THE DRAWINGS INCLUDING CONTROLS AND CONTROL WIRING.
- II. INSULATION**
- A. REFRIGERANT SUCTION LINES TO BE INSULATED WITH 3/8" THICK ARMSTRONG AP ARMAFLEX INSULATION.
 - B. PIPE INSULATION INSTALLED OUTSIDE TO BE PROTECTED PER MANUFACTURER'S INSTRUCTIONS.
 - C. DUCTWORK
 1. DUCTWORK THROUGH UNCONDITIONED SPACES SHALL BE R-8 FLEX DUCT.
- III. HVAC MATERIALS AND INSTALLATION**
- A. PROVIDE PVC PLASTIC TRAPPED CONDENSATE DRAIN FROM COOLING COIL DRAIN PANS TO FLOOR DRAIN.
 - B. REFRIGERANT PIPING SHALL BE TYPE "ACR" COPPER. JOINTS TO BE BRAZED WITH HIGH TEMPERATURE SOLDER.
 - C. FURNISH AND INSTALL DUCTWORK SPECIFIED AND SHOWN ON THE PLAN.
 - D. THE CONTRACTOR SHALL REPLACE ALL THROWAWAY OR CLEAN ALL PERMANENT FILTERS AT THE COMPLETION OF AND PRIOR TO ACCEPTANCE OF THE WORK.
- IV. TEMPERATURE CONTROLS**
- A. ALL CONTROLS AND ELECTRICAL INTERLOCKS AS DESCRIBED BELOW ARE TO BE INCLUDED IN THE MECHANICAL CONTRACT:
 1. FURNACE/CONDENSING UNIT - A PROGRAMMABLE HEATING/COOLING THERMOSTAT SHALL CYCLE GAS VALVE OR THE CONDENSING UNIT TO MAINTAIN SPACE TEMPERATURE. WIRE IN ACCORDANCE WITH MANUFACTURER'S WIRING DIAGRAMS.
- NOTE:**
1. SUPPLY AND RETURN GRILLE SIZES AS NOTED ON PLAN
 2. ALL SUPPLY RUNOUTS AS NOTED ON DRAWINGS
 3. BUILDING AND EQUIPMENT DESIGNED ACCORDING TO (OBC) "ENERGY CONSERVATION":
 1. R-49 ATTIC INSULATION
 2. R-21 SIDEWALL INSULATION
 3. THERMAL PANE WINDOWS (U NOT GREATER THAN .30)
 4. R-8 FLEX SUPPLY DUCTING THROUGH UNCONDITIONED SPACE
 5. R-6 VENTILATION / EXHAUST DUCTING THROUGH UNCONDITIONED SPACE

HVAC FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER & MODEL NUMBER
FURN	FURNACE	CARRIER 96% AFUE 40,000 BTU FURNACE. MODEL: COMFORT SERIES: 59SC5B040E17"12 - FORESTWOOD, MEADOWOOD, WILLOWOOD, BREEZEWOOD, HAYDENWOOD. CARRIER 96% AFUE 60,000 BTU FURNACE. MODEL: COMFORT SERIES: 59SC5B060E17"14 - CAPEWOOD HAYDENWOOD SUNROOM, BREEZEWOOD SUNROOM
CU	AIR CONDITIONER	CARRIER 14 SEER R-410A 1 1/2 TON AIR CONDITIONER - FORESTWOOD, MEADOWOOD, WILLOWOOD, BREEZEWOOD, HAYDENWOOD. CARRIER 14 SEER R-410A 2 TON AIR CONDITIONER - CAPEWOOD, HAYDENWOOD SUNROOM, BREEZEWOOD SUNROOM.
EF/LIGHT	EXHAUST FAN / LIGHT COMBO	PANASONIC WHISPERGREEN SELECT FAN/LIGHT COMBO: FV-08VRE2 80 CFM 1.0 SONES - ENERGY STAR RATED (OR EQUAL)
EF-1	EXHAUST FAN	PANASONIC FV-05-11VKS1 WHISPERGREEN SELECT FAN ONLY, VARIABLE SPEED 50, 80, 110 CFM ENERGY STAR (OR EQUAL)

NOTE:
 DRYER EXHAUST LENGTH IS TO BE DETERMINED BY THE MANUFACTURER'S SPECIFICATIONS, BUT IS NOT TO EXCEED THE MAXIMUM LENGTH AS DETERMINED BY OMC SECTION 504.8.4.

NOTE:
 NO PLUMBING OR HVAC EQUIPMENT IS TO BE INSTALLED WITHIN FIRE RATED WALLS.

NOTE:
 INSTALL AN AUXILIARY CONDENSATE AND SECONDARY DRAIN SYSTEM PER OMC 307.2 AND 307.2.3.

NOTE:
 TOTAL DRYER EXHAUST LENGTH ALLOWED (PER OMC 504.8.4) IS 35'-0"
 TOTAL DRYER EXHAUST DUCT LENGTH PROVIDED:
 8' + 5'-0" (90° ELBOW) + 16'-9 1/2" = 22'-5 1/2"

NOTE:
 DO NOT INSTALL ANY VENTS OR PROVIDE ANY ROOF PENETRATIONS WITHIN FIRE RATED SHEATHING AREA 4'-0" EACH SIDE OF (2) HOUR FIRE RATED WALL ASSEMBLIES)

NOTE:
 PLUMBING CONTRACTOR TO FOLLOW AND COMPLY WITH ALL OSHA TRENCHING AND EXCAVATION SAFETY REGULATIONS

MECHANICAL NOTES

1. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS AND INSPECTIONS.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE OHIO MECHANICAL CODE, REFERENCED CODES AND STANDARDS, MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS AND GOOD ENGINEERING PRACTICES.
3. ALL MATERIALS SHALL BE NEW AND OF THE FINEST QUALITY.
4. ALL WORK SHALL BE INSTALLED BY TRADESMEN THAT ARE TRAINED AND HIGHLY SKILLED IN THE WORK THAT THEY ARE TO PERFORM.
5. ALL EQUIPMENT, MATERIALS, AND LABOR FURNISHED BY THIS CONTRACTOR SHALL BE WARRANTED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
6. DUCTWORK SHALL BE HUNG LEVEL AND FREE OF BENDS, CRIMPS, AND SAGS.
7. DUCTWORK SHALL BE FLEX DUCT AND INSTALLED PER OMC SECTION 603.6. SIZE OF DUCT IS SHOWN ON MECHANICAL PLANS.
8. ROUND SUPPLY AIR DUCT TAKE OFFS SHALL BE SCREW IN TYPE, TAKE-OFFS SHALL BE EQUIPPED WITH FOAM GASKETS AND LOCKABLE DAMPERS.
9. CONSTRUCT ALL SUPPLY AIR DUCTWORK IN ACCORDANCE WITH OMC SECTION 603 AND 604 AND SMACNA STANDARDS FOR 2" PRESSURE CATEGORY. CONSTRUCT ALL RETURN AIR DUCTWORK IN ACCORDANCE WITH OMC SECTIONS 603 AND 604 AND SMACNA STANDARDS FOR 1" PRESSURE CATEGORY. ALL DUCT TO BE SEALED TO SEAL CLASS "C". CONSTRUCT ALL EXHAUST AIR DUCTWORK IN ACCORDANCE WITH SMACNA STANDARDS FOR 1" PRESSURE CATEGORY, SEALED TO SEAL CLASS "C".
10. BALANCE ALL SYSTEMS TO CFM'S AS INDICATED, PROVIDE OWNER WITH REPORT.
11. ALL CONTROL WIRING TO THERMOSTATS SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
12. PRIOR TO ORDERING ANY ELECTRICAL EQUIPMENT THE HVAC CONTRACTOR SHALL VERIFY THE ELECTRICAL VOLTAGE AND PHASE AVAILABLE WITHIN THE BUILDING.
13. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF WORK INCLUDED IN THE PROJECT. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL ESTABLISH FINAL DIMENSIONS FROM FIELD MEASUREMENTS PRIOR TO STARTING WORK. THE WORD "PROVIDE" AS USED IN THE PROJECT SHALL BE DEFINED AS "FURNISH AND INSTALL".
14. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS FOR POINTS OF CONNECTIONS, CAPACITIES AND ELEVATIONS OF SYSTEMS. IN ALL AREAS AFFECTED BY THE PROJECT, CUT, PATCH, REPAIR AND/OR REPLACE ALL MATERIALS REQUIRED TO INCORPORATE WORK. FINISHES DAMAGED AS A RESULT OF WORK SHALL BE REPAIRED TO MATCH APPROPRIATE ADJACENT FINISHES. FILL VOIDS AROUND DUCTWORK AND TUBING PENETRATING WALLS AND FLOORS WITH FIRE STOPPING MATERIAL (THERMA-FIBER OR EQUAL)
15. MECHANICAL EQUIPMENT AND PRODUCTS SHALL BE LISTED AND/OR LABELED BY AN APPROVED TESTING OR INSPECTION AGENCY IN ACCORDANCE WITH OMC AND GOVERNING CODE REQUIREMENTS.
16. MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS AND ALLOCATE SPACE REQUIREMENTS.

GENERAL NOTES

- AIR FILTER NOTE:**
 CENTRAL HEATING AND AIR CONDITIONING SHALL BE PROVIDED WITH APPROVED AIR FILTERS, INSTALLED IN THE RETURN AIR SYSTEM, UPSTREAM FROM ANY HEAT EXCHANGER OR COIL.
- CLOTHES DRYER EXHAUST NOTES:**
 CLOTHES DRYERS SHALL BE EXHAUSTED AS PER THE MANUFACTURER'S INSTRUCTIONS. DRYER EXHAUST SHALL BE INDEPENDENT OF ALL OTHER SYSTEMS.
- CLOTHES DRYER DUCTS SHALL NOT PENETRATE OR BE LOCATED WITHIN ANY FIREBLOCKING OR FIRE-RATED WALLS.
- EACH VERTICAL RISER SHALL BE PROVIDED WITH A MEANS FOR CLEANOUT.
- DRYER EXHAUST DUCTS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER.
- EXHAUST DUCTS SHALL BE CONSTRUCTED OF METAL WITH A SMOOTH INTERIOR FINISH AND SHALL BE A MINIMUM OF 4" IN DIAMETER.
- DRYER EXHAUST LENGTH NOT TO EXCEED 35'. EACH 90° ELBOW = 5'. EACH 45° ELBOW = 2'-6".

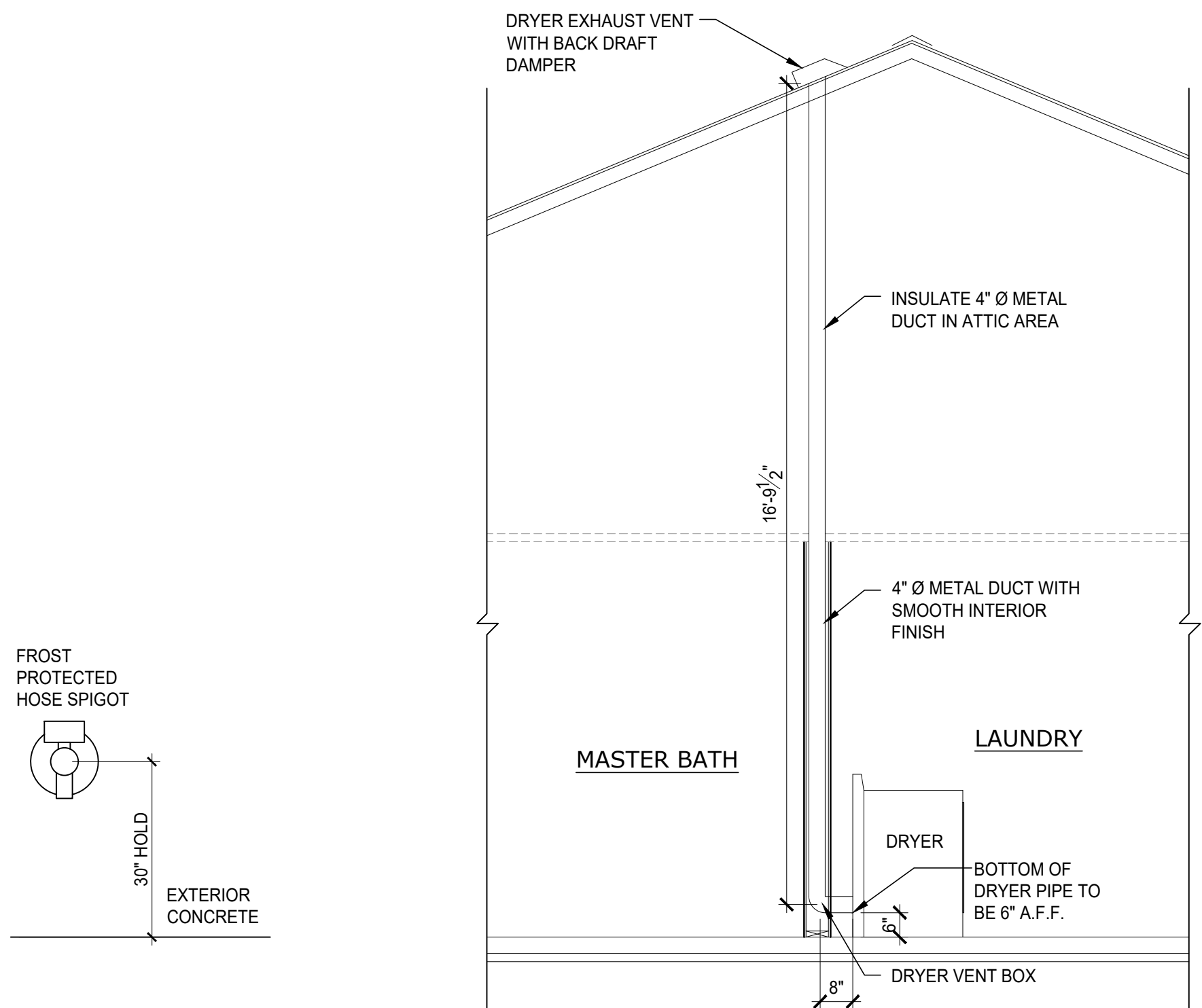
SANITARY LINE SIZING - IPC 709.2

PIPE SIZE	SLOPE	NUMBER OF UNITS PER BUILDING
4" Ø	1/8" / FOOT	1 UP TO AND INCLUDING 8
6" Ø	1/8" / FOOT	9 AND UP

**NOTE: FOR BUILDINGS WITH SANITARY LINE EXITING AT THE END OF THE BUILDING.

PIPING INSULATION NOTE

MECHANICAL SYSTEM PIPING CARRYING FLUIDS ABOVE 105° OR BELOW 55° SHALL BE INSULATED TO A MINIMUM OF R-3.



2 MOUNTING DETAIL
 SCALE: 3/8" = 1'-0"

1 DRYER EXHAUST SECTION
 SCALE: 3/8" = 1'-0"