



BEBOS RESIDENCE

19474 BEACHCLIFF BLVD., ROCKY RIVER

BEBOS RESIDENTIAL REMODEL

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TYPICAL NOTES CONSTRUCTION NOTES

PERMITS AND REGULATIONS:

CONTRACTORS ARE RESPONSIBLE FOR SECURING ALL BUILDING PERMITS AND REGISTRATIONS REQUIRED BY LOCAL GOVERNING AUTHORITIES.

SUB-CONTRACTORS AND CONTRACTORS SHALL MEET ALL LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS OF DEMOLITION, SAFETY AND SANITARY PRECAUTIONS DURING BUILDING OPERATIONS INCLUDING "OHIO UTILITIES PROTECTION SERVICE."

SURVEY, GRADING, AND SITE INFO:

ROUGH GRADE AROUND BUILDING SHALL BE GRADED TO PITCH AWAY FROM THE FOUNDATION WALLS AT MIN. 1/4" PER FOOT FOR A MIN. DISTANCE OF 10 FEET FROM FOUNDATION WALLS BEFORE TOP SOIL (FIN. GRADE) IS PLACED.

CONTRACTORS ARE TO COORDINATE WITH OWNER FOR ACCESS TO SITE FOR DELIVERY OF MATERIALS AND EQUIPMENT, STORAGE OF MATERIALS.

NOTES APPLYING TO ALL CONTRACT DRAWINGS:

EACH CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT THE JOB AND SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF HIS WORK THERE TO.

MATERIAL INDICATIONS, NOTES, AND ETC. ARE TYPICAL FOR ALL CONTRACT DRAWINGS UNLESS NOTED OTHERWISE.

ALL EXISTING MATERIALS, EQUIPMENT, AND CONSTRUCTION ARE IDENTIFIED ON DRAWINGS BY THE WORD "EXISTING" OR "EXIST", UNLESS STATED OTHERWISE. ALL NOTES REFERS TO NEW MATERIALS, EQUIPMENT, AND CONSTRUCTION INSTALLED UNDER EACH CONTRACT.

TYPICAL EXTERIOR WALL CONSTR. NOTES:

VAPOR BARRIER - 1.0 PERM OR LESS PLACE 1/8" BETWEEN INTERIOR FACE OF STUDS AND BACK OF INTERIOR WALL BOARD. MAKE SEAL TIGHT; NO BREAKS OR LEAKS. 4 MIL VISQUEEN TYPICAL

BUILDING PAPER - AIR INFILTRATION BARRIER OF SIMILAR TO "TYVEK" BY DUPONT, PLACED OVER 5/8" EXT. PLYWOOD SHEATHING.

1/2" SHEATHING BOARD - PERMEABLE TYPE WITH MOISTURE RESISTANT SEAL AND TAPE ALL JOINTS. @ BRICK ONLY

METAL TIES - EVERY 4-5 COURSES IN HEIGHT AND 2'-0" HORIZONTALLY @ BRICK VENEER

R21 INSULATION - SHALL BE FIBERGLASS INSULATION AS MFR. BY OWENS-CORNING (OCF). TYPICALLY PLACED IN SIDE WALLS BETWEEN WALL STUDS. MAX PER WALL SECTION (R21 @ 2 X 6 WALL)

TYPICAL ROOFING NOTES:

GUTTERS AND DOWNSPOUTS - SHALL BE ALUMINUM TO MATCH EXISTING. COLOR BY GENERAL CONTRACTOR.

ASPHALT SHINGLES - ON 30# ROOFING FELT TO SELF SEALING AND INSTALLED PER MFG. RECOMMENDATIONS ON 5/8" EXTERIOR GRADE OSB OR PLYWOOD DECK.

R-38 INSULATION - INSTALL BELOW 2X12 RAFTERS. HOLD 1" AIR SPACE MIN. NEXT TO THE ROOF SHEATHING FOR VENTILATION/CIRCULATION. PROVIDE RAFT-R-MATE AS REQUIRED IF FOAM INSULATION IS USED R-38 REQUIRED NO RAFT-R-MATE AIR SPACE REQUIRED

RIGID VENT - TO BE VINYL (DO NOT USE ALUM. RIGID VENT)

PROVIDE ROOF VENTS AS SHOWN ON DRAWINGS FOR FALSE CEILING AREA INDICATED

PROVIDE CONTINUOUS SOFFIT PER PER DRAWINGS AT ALL EAVES TYPICAL

INTERIOR GENERAL NOTES:

ALL WALLS AND CEILINGS TO BE DRYWALL UNLESS OTHERWISE NOTED. FINISHES OF PAINT, WALLPAPER, ETC. PER AGREEMENT BETWEEN OWNER AND CONTRACTOR.

WATER RESISTANT DRYWALL TO BE USED ON ALL WALLS AND CEILINGS OF BATHRM., TOILET, UTILITY ROOM.

ALL CABINETS (BASE WALL CABINETS, COUNTER TOPS, ETC.) IN KITCHEN AND BATH; AND ALL BUILT-IN KITCHEN EQUIPMENT, SINKS, APPLIANCES; AND ALL BATHROOM ACCESSORIES, PLUMBING FIXTURES, TRIM ETC. PER AGREEMENT BETWEEN OWNER AND G.C.

COLOR, TRIM AND ACCESSORIES FOR FIXTURES SHOWN IN BATH SHALL BE APPROVED BY OWNER BEFORE ORDERING. BATH SHALL STAY ON FLOOR UNDERLAYMENT AND BE INSTALLED PER MFG. INSTRUCTIONS.

ALL INTERIOR WOOD TRIM INCLUDING BASE, WINDOW, DOOR, ETC. AND WOOD TRIM FINISH (PAINT, STAIN, ETC.) SHALL BE PER AGREEMENT BETWEEN OWNER AND CONTRACTOR. DETAILS TO MATCH EXISTING 1ST FLOOR.

CONTRACTOR SHALL SUBMIT WRITTEN BREAK-DOWNS OF MATERIAL HE/SHE INTENDS TO FURNISH OWNER REGARDING DOORS AND TRIM.

WALL DRYWALL SHALL BE 1/2" THICK DRYWALL

CEILING DRYWALL TO BE 5/8" THICK DRYWALL.

STRUCTURAL NOTES:

VERIFY ALL "FIRST FLOOR" PLAN DIMENSIONS WITH "FOUNDATION" PLAN DIMENSIONS BEFORE STARTING ANY WORK.

PROVIDE DOUBLE FLOOR JOIST UNDER ALL PARALLEL RUNNING BEARING PARTITIONS AND ALL 2'-8" OR LONGER NON-BEARING PARTITIONS RUNNING PARALLEL.

PROVIDE 32 X 48 MIN. SCUTTLE AT CRAWLSPACE PER DETAILS AND LOCATIONS AS REQUIRED

ALL STRUCTURAL BUILT WOOD BEAMS SHALL HAVE MIN. EXTREME FIBER STRESS (F) OF 1,600 PSI AND A MODULUS OF ELASTICITY (E) OF 1,600,000.

ALL OTHER STRUCTURAL WOOD INCLUDING WOOD JOISTS, RAFTERS, STUDS, ETC. SHALL HAVE MIN. (F) OF 1,200 PSI AND (E) 1,600,000.

4X12 STRUCTURAL WOOD BEAM SHALL HAVE MIN. (F) OF 1,800 PSI AND (E) OF 1,600,000.

ALL STEEL TO BE THOROUGHLY CLEANED AND PAINTED WITH ONE SHOP PRIME PAINT.

STRUCTURAL WOOD FRAMING:

1. DESIGN LOADS USED FOR CALCULATIONS

TYPICAL FLOOR LIVE LOAD -- 40 PSF

TYPICAL FLOOR DEAD LOADS -- 10 PSF

TOTAL FLOOR LOADS = 50 PSF

MINIMUM COMPLIANCE

2. ALL FLOOR JOISTS AND ROOF RAFTERS (INCLUDING BUILT-UP BEAMS, LINTELS, ETC.) TO BE SOUTHERN YELLOW PINE, SELECT STRUCT. LUMBER NO. 2 OR BETTER. MIN. EXTREME FIBER STRESS (F) OF 1,200 PSI; E = 1,500,000 PSI.

3. ALL STUDS, HEADERS, ETC. - MIN. F = 500 PSI; E = 1,200,000 PSI

4. ALL GLULAM RIDGE BEAMS SHALL BE ARCHITECTURAL GRADE DOUGLAS FIR. F = 2400 PSI AND E = 1,800,000 PSI

5. ALL STRUCTURAL FRAMING MEMBERS ARE DESIGNED FOR 1/480 DEFLECTION.

6. ALL FRAMING LUMBER SHALL: BE DIMENSIONAL LUMBER AND MEET ASTM D555; D245 AND (SPR) 16 STANDARDS; BEAR AITC INSPECTION GRADE MARKINGS; BE KILN-DRIED, NOT TO EXCEED 19% MOISTURE CONTENT.

7. ALL KILN-DRIED LUMBER STORED OUTSIDE MUST BE PROTECTED FROM GETTING WET. PROTECT WITH TARP. IF PLASTIC IS USED, LEAVE ENOUGH ROOM AT BOTTOM OF PILE FOR AIR FLOW. DO NOT STORE LUMBER ON THE GROUND. KEEP LUMBER OFF MUD AND GROUND WITH SUPPORTS UNDER LUMBER.

STRUCTURAL STEEL AND ANCHOR BOLTS:

1. ALL STRUCTURAL STEEL BEAMS SHALL BE NEW AND TYPE ASTM A36; SHALL COMPLY WITH AISC STANDARDS. BEAMS ARE DESIGNED TO 1/480 DEFLECTION. ANCHOR BEAMS SECURELY TO MASONRY WALLS AND PIERS (MIN. 15" INTO MASONRY) WITH 1/2" X 1/8" ANCHOR BOLTS.

2. ALL ANCHOR BOLTS (AB) SHALL BE 1/2" X 1/8" W/IT EITHER 2" WASHER AT HEAD OF BOLT OR 1" 1/2" BENT END. 12" LONG AB MAY BE USED WHERE APPROVED (SEE NOTE 3 BELOW).

3. WOOD SILL PLATES SHALL BE ANCHORED TO MASONRY FOUNDATION WALLS IN THE FOLLOWING MANNER: WITHIN 12" OF CORNERS AND INTERMEDIATE INTERVALS NOT MORE THAN 4 FEET. AB SHALL BE 1/2" X 1/8" AND EMBEDDED MIN. 15" INTO MASONRY UNITS. WHERE APPROVED BY ARCHITECT AND ALLOWED BY LOCAL AUTHORITIES, AB MAY BE EMBEDDED 8" INTO MASONRY.

4. MORTAR FOR ALL MASONRY WORK AND GROUT SETTING BEDS: TYPE M OR S WITH MIN. 1,800 PSI. TOP MASONRY COURSE UNDER SILL PLATES SHALL BE FILLED WITH MORTAR OR GROUT UNLESS DRAWINGS CALL FOR A SOLID CMU.

TYPICAL FOUNDATION WALL AND GRADE NOTES:

FOOTING DRAIN TILE - WITH LOOSE STONE OR GRAVEL FILL EXTEND MIN. 24" ABOVE DRAIN TILE. BACK FILL WITH GRAVEL TO 8" BELOW FINISHED GRADE

FOUNDATION WALL FLASHING - TYPE AND INSTALLATION AS RECOMMENDED BY WASCO. PROVIDE VEEB HOLES HORIZONTALLY AT 2'-0" CENTERS IMMEDIATELY ABOVE FLASHING.

FOUNDATION WALL - NO EXPOSED CONCRETE BLOCK OR WATERPROOFING. ALL EXPOSED MASONRY SHALL BE FACE BRICK.

FOR CRAWL SPACE FLOOR USE 3" CONCRETE MUD SLAB ON 6 MILL "VISQUEEN" V.P. ON WELL TAMPED POUROUS FILL.

PROVIDE THOMAS WATERPROOFING DAMPTITE FOUNDATION COATING AND DOW CORNING FOUNDATION INSULATION AT FOUNDATION AT EXTERIOR (OR APPROVED EQUAL) AND THOROSEAL AT BASEMENT INTERIOR

SOIL AND FOOTING NOTES:

1. ALL CONCRETE FOOTINGS AND GRADE BEAMS ARE DETAILED BY OTHERS BUT INCLUDED IN PERMIT DRAWINGS BY THE OWNERS AND/OR GENERAL CONTRACTORS

2. SOIL BEARING CAPACITY SHALL BE ASSUMED @ 300 LBS/FT (G.C. TO VERIFY AS REQUIRED)

3. CONCRETE DESIGN FOR FOOTINGS SHALL BE MINIMUM 3,000 PSI AT 28 DAYS.

4. CONCRETE DESIGN FOR INTERIOR FLOOR SLABS SHALL BE MINIMUM 3,500 PSI AT 28 DAYS.

TYPICAL FLOOR CONSTRUCTION NOTES:

JOIST HANGERS - FOR WOOD JOISTS SHALL BE SIMILAR TO J8212 JOIST HANGER BY SIMPSON CO.) 18 GA. GALVANIZED STEEL AND SHALL BE INSTALLED PER MFG. INSTRUCTIONS.

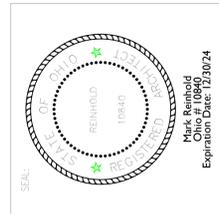
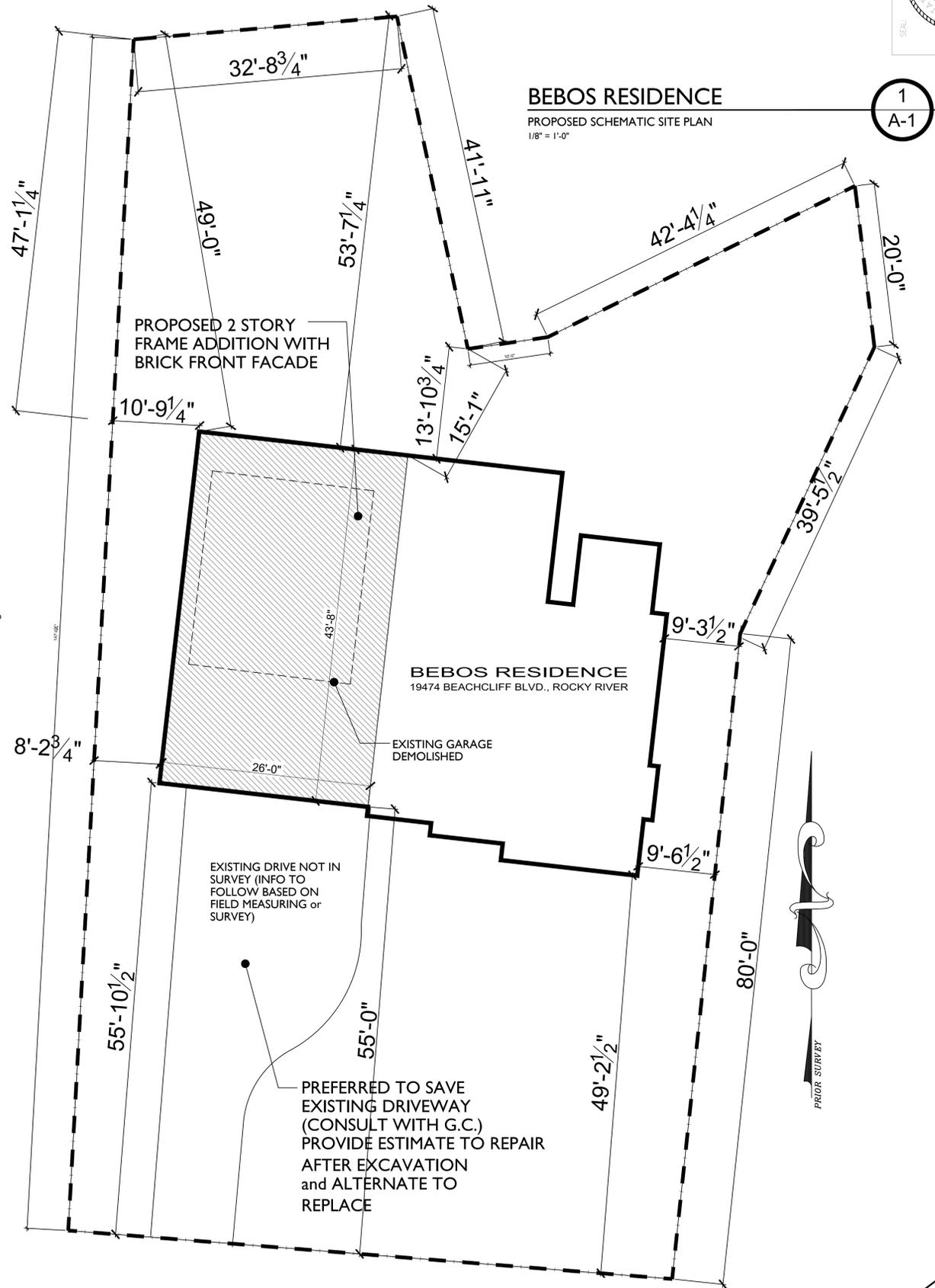
FIN. FLOOR AT OWNER'S OPTION - 3/4" T&G PLYWOOD SUB FLOOR GLUED AND NAILED TO FLOOR JOISTS.

FLOORING AND SHEATHING:

1. FLOORING SHALL BE 23/32" L-P INNER SEAL OSB T&G STRUCT.-I PANELS CONFORMING TO STANDARDS OF APA STURD-FLOOR. FLOORING SHALL BE GLUED AND NAILED. TYPICAL 3/4" T-G PLYWOOD SUB-FLOOR PER DRAWINGS TYPICAL

2. WALL AND ROOF SHEATHING SHALL BE 9/16" L-P INNER SEAL OSB STRUCTURAL EXP-I PANELS APA RATED. OR TYPICAL 5/8" PLYWOOD AS NOTED PER DRAWINGS TYPICAL

3. FLOORING AND SHEATHING INSTALLATION SHALL COMPLY WITH APA "RESIDENTIAL AND COMMERCIAL" DESIGN/CONSTRUCTION GUIDE PROCEDURES PER DRAWINGS TYPICAL

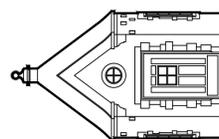


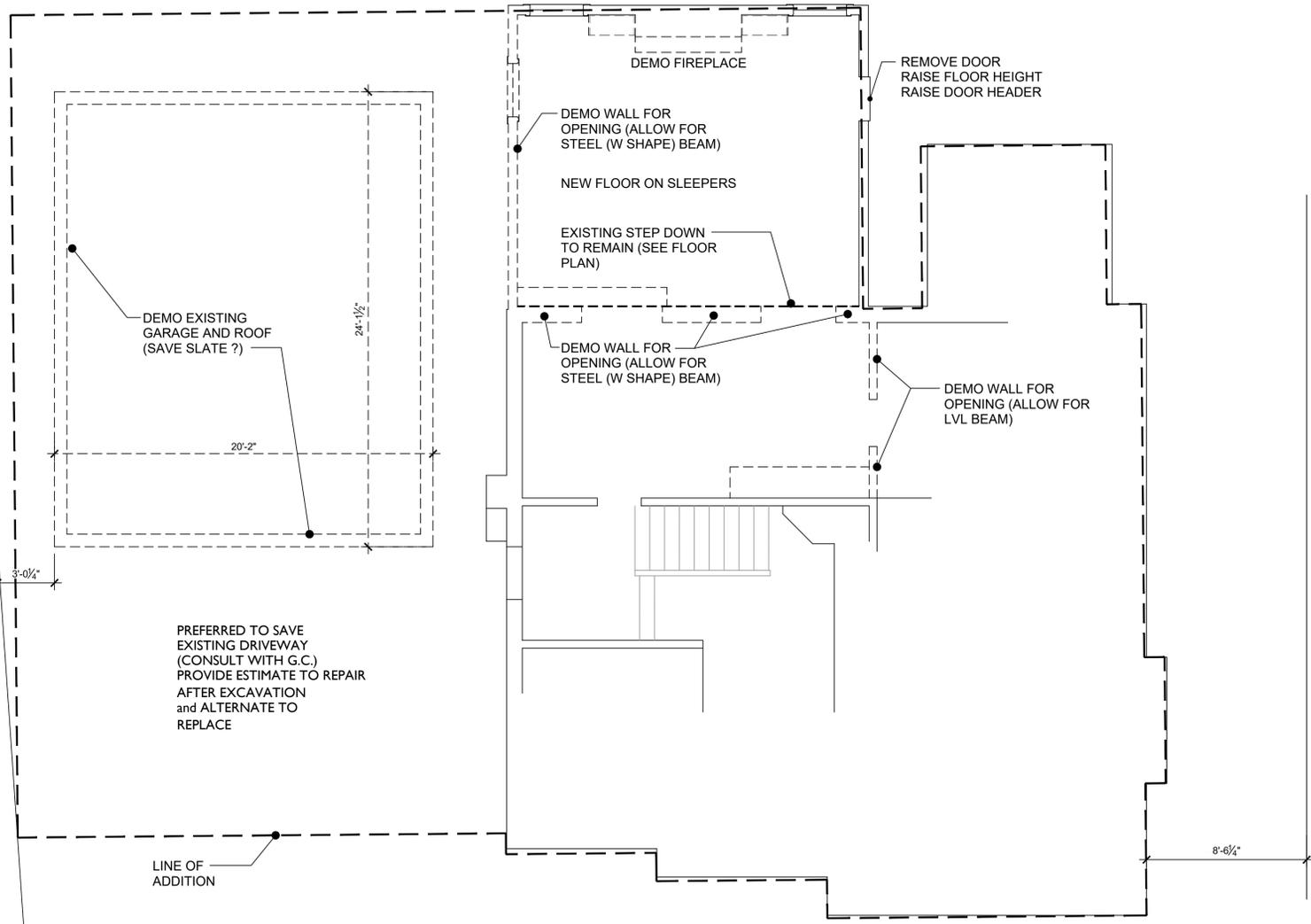
SCALISH CONSTRUCTION
03-31-2024
PERMITTING

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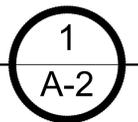




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EXISTING FIRST FLOOR PLAN

1/4" = 1'-0"

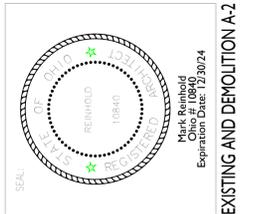
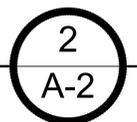


EXISTING ROOF and EAVE TO BE REVISED TO ALLOW FOR CEILING HEIGHT @ ENTRY DOOR

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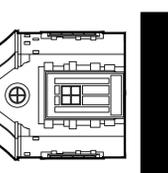
EXISTING FRONT ELEVATION

1/4" = 1'-0"

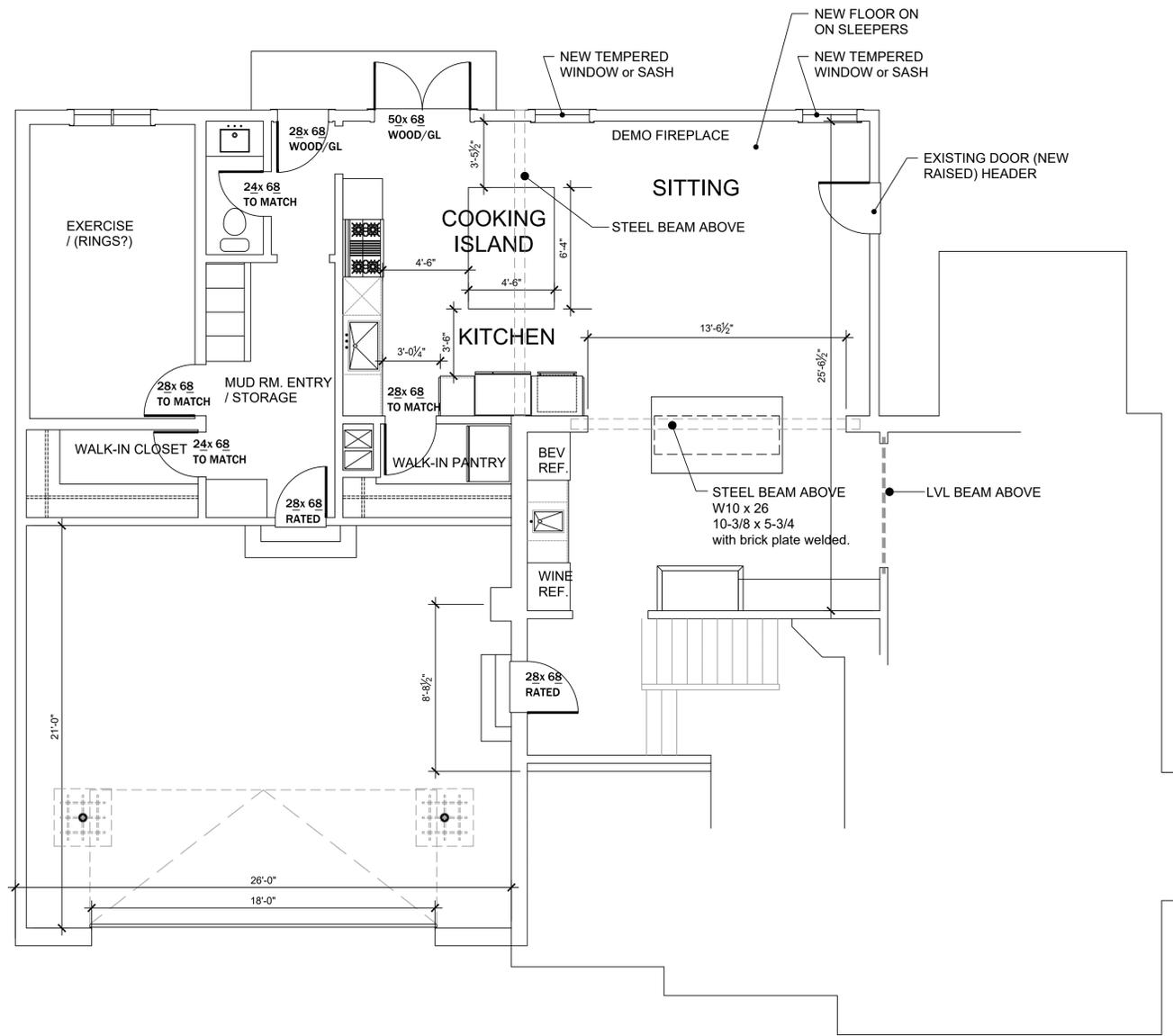


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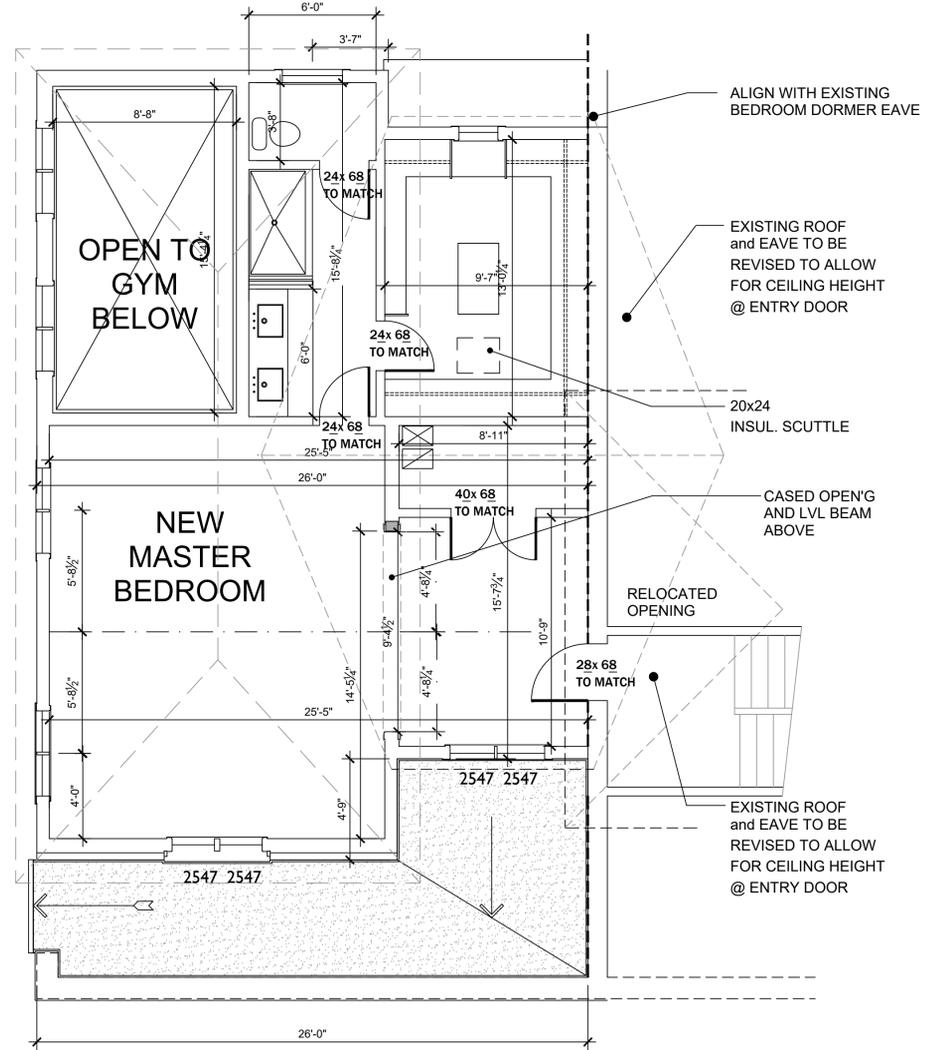
EXISTING AND DEMOLITION A-2



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PROPOSED FIRST FLOOR PLAN
1/4" = 1'-0"

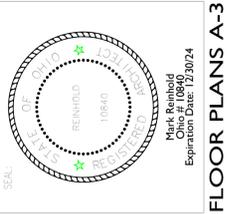
2
A-3



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PROPOSED SECOND FLOOR PLAN
1/4" = 1'-0"

1
A-3

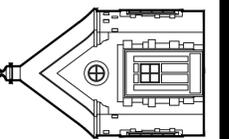


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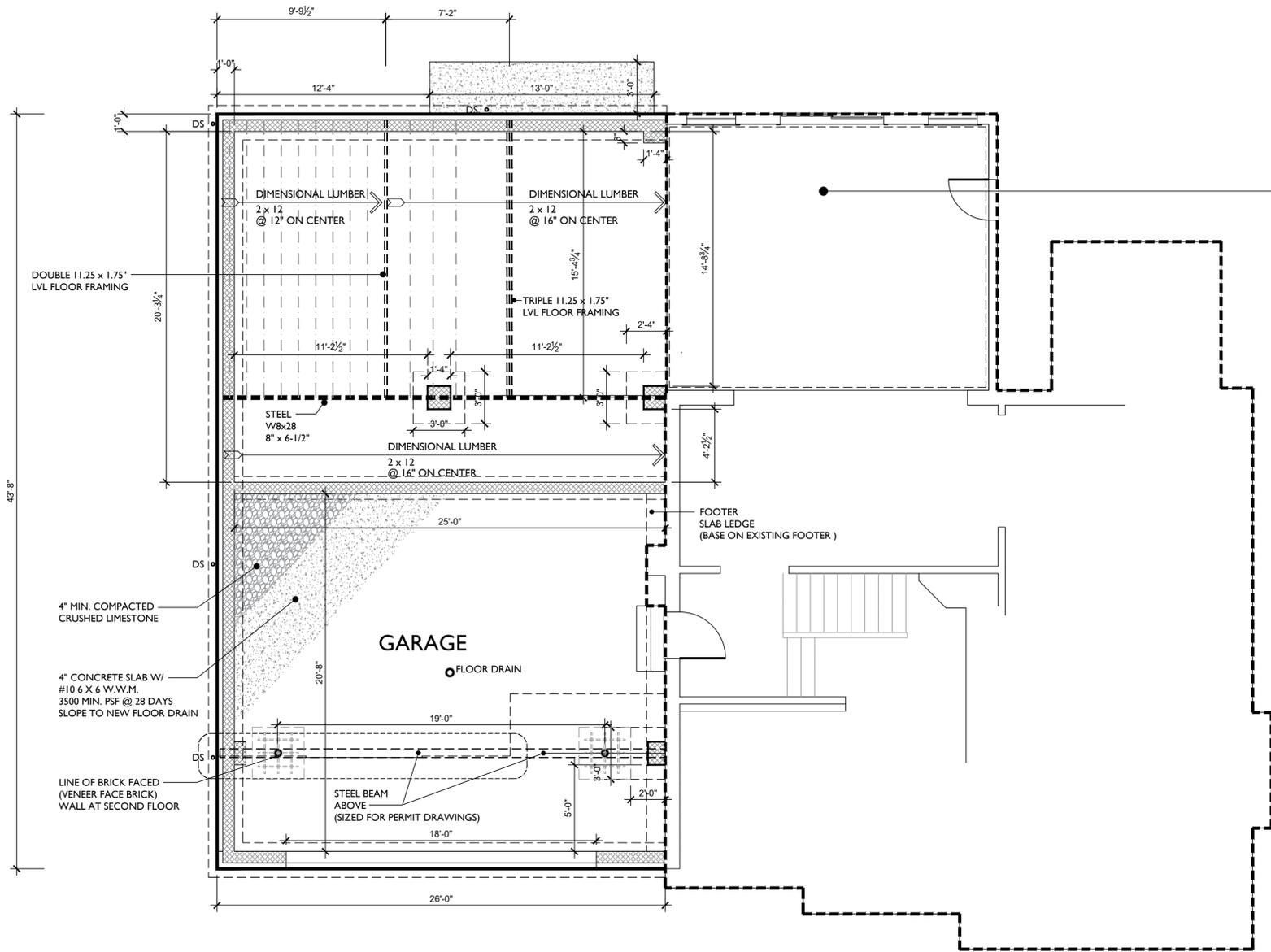
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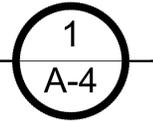
FLOOR PLANS A-3



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SCHEMATIC FOUNDATION PLAN

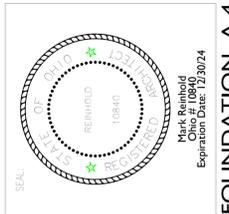
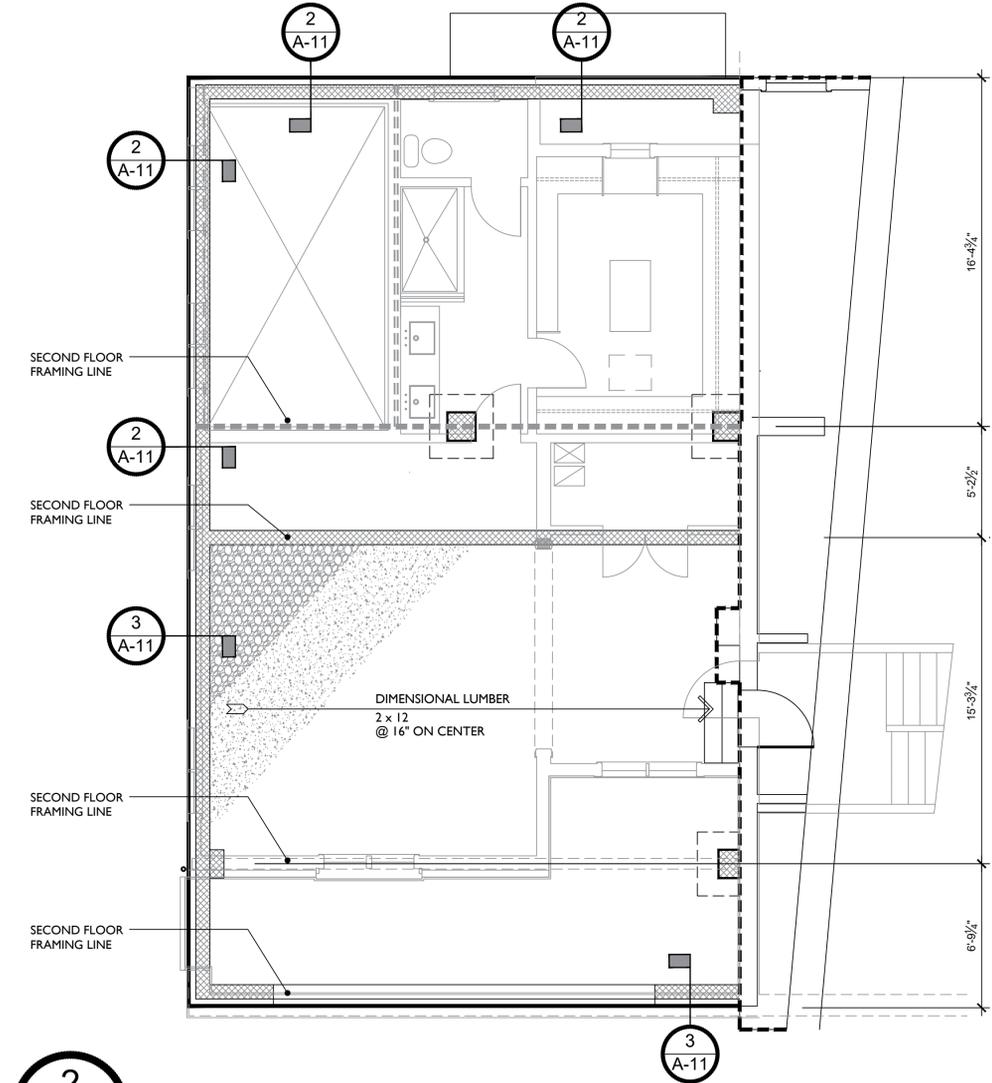
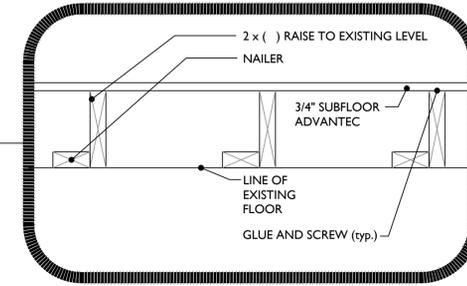
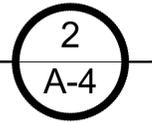
1/4" = 1'-0"



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FRAMING DIAGRAM

1/4" = 1'-0"



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SCALISH CONSTRUCTION

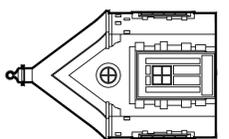
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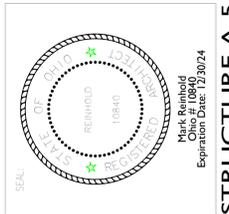
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FOUNDATION A-4





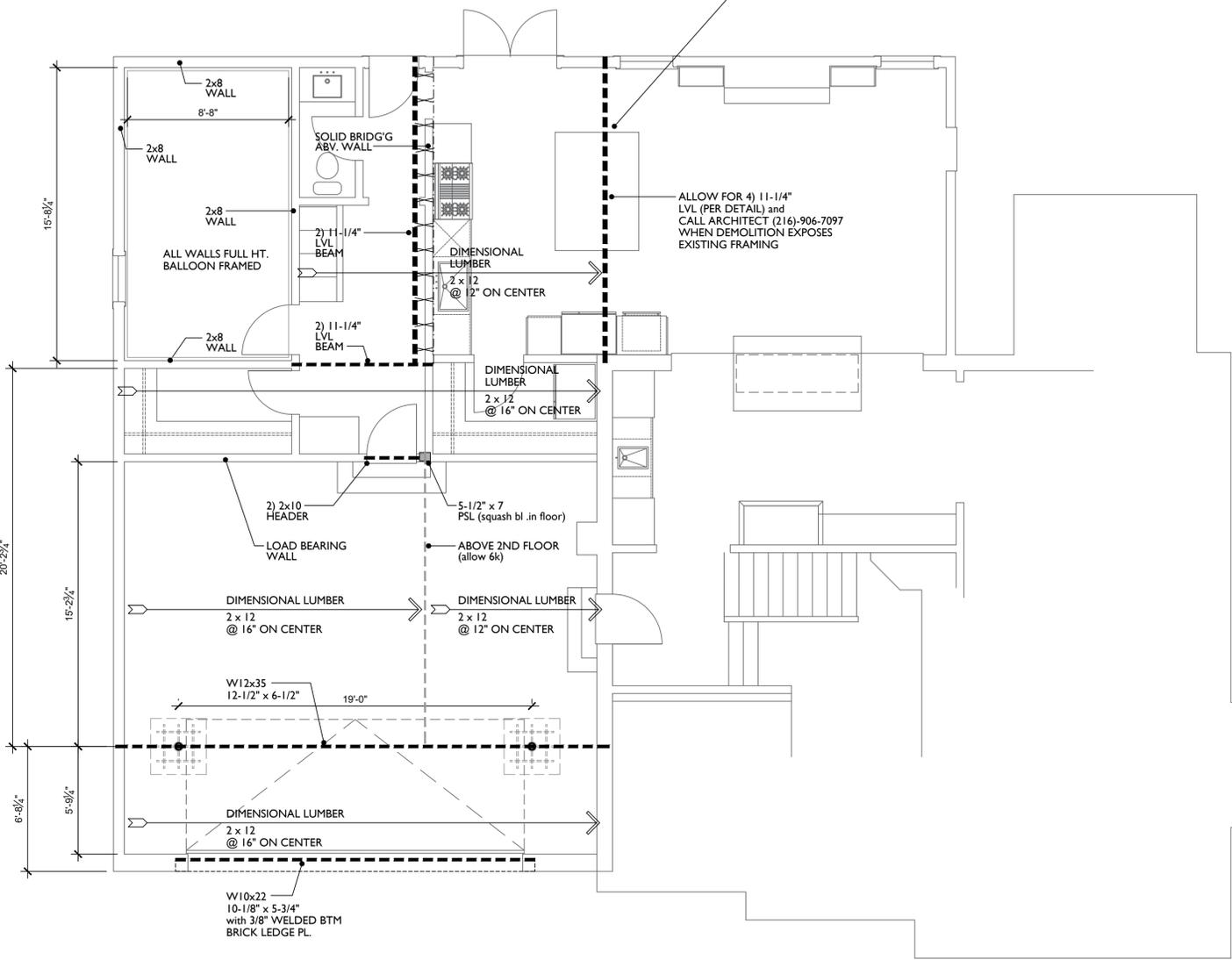
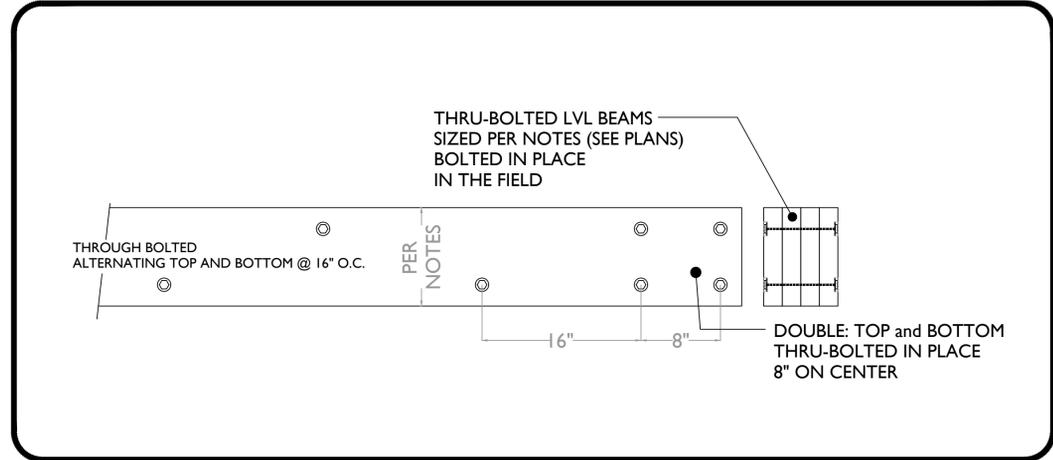
STRUCTURE A-5

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03-31-2024
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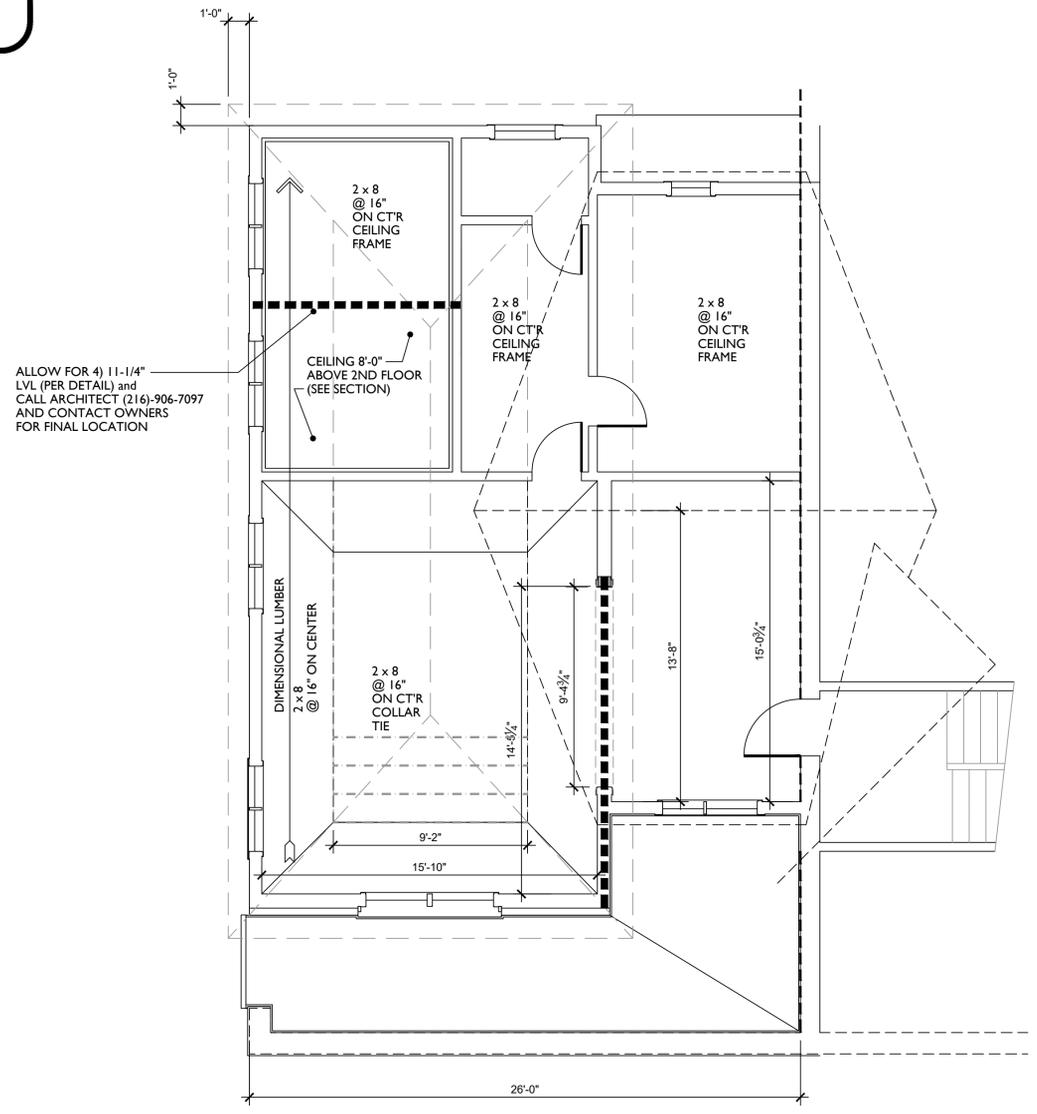
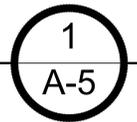
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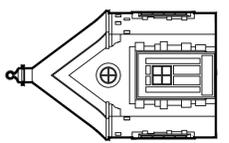
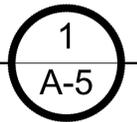
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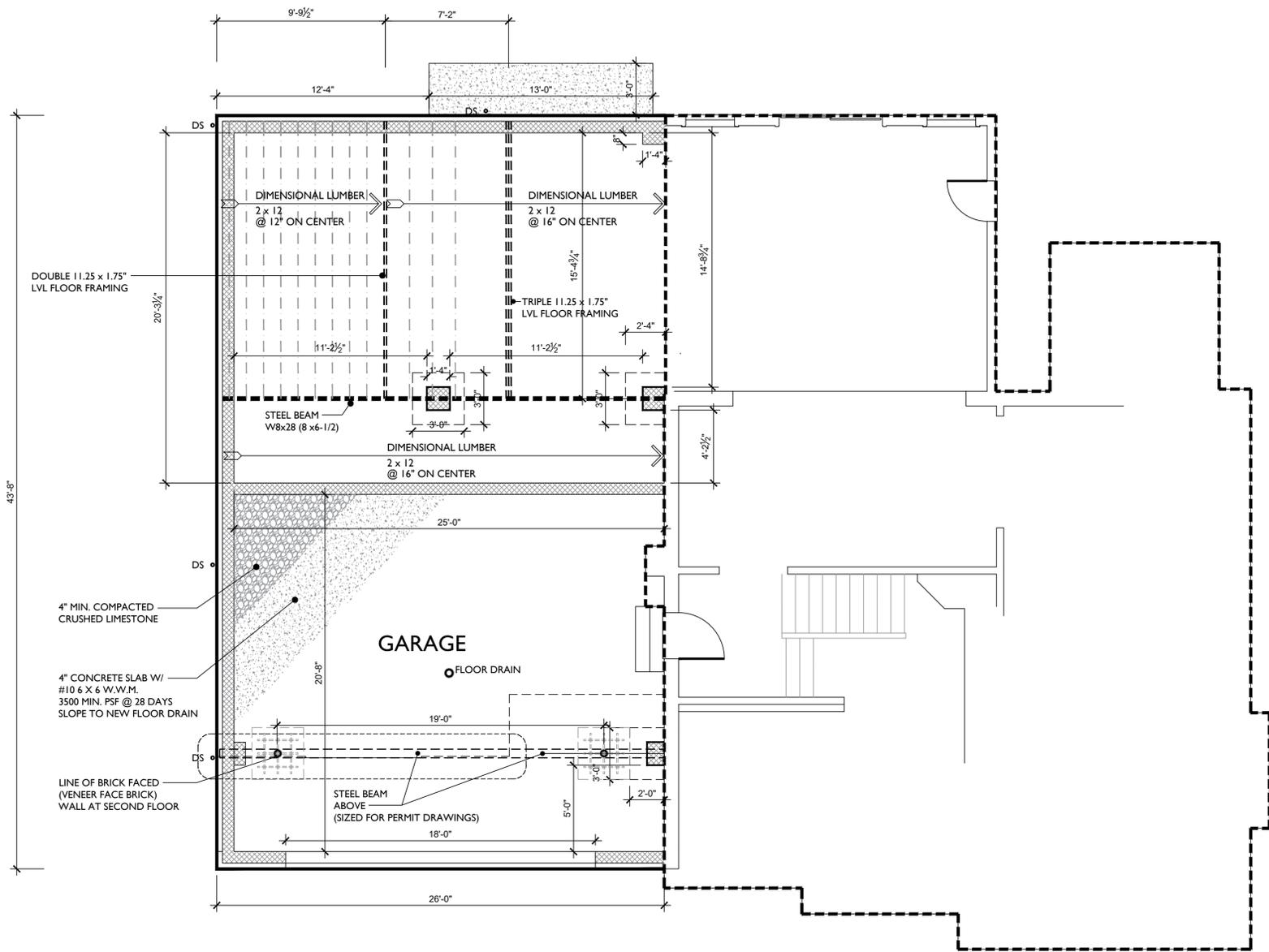


BEBOS RESIDENCE
PROPOSED SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"



BEBOS RESIDENCE
PROPOSED ROOF PLAN
1/4" = 1'-0"

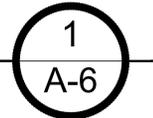




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FRAMING AND BEAM PLAN

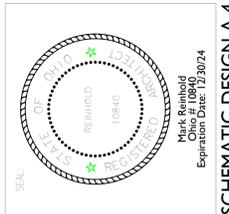
1/4" = 1'-0"



TYPICAL CONSTRUCTION NOTES

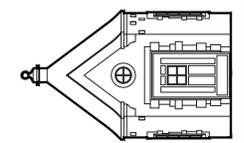
1. GENERAL CONTRACTOR TO REPORT ALL DISCREPANCIES OF THE FOLLOWING NOTES WITH ANY CONFLICT IN THE CONTRACT DOCUMENTS
2. FOOTINGS ARE DETAILED ON DRAWINGS
3. ALL CRAWLSPACE FOUNDATIONS PER DRAWINGS
4. VENT ALL CRAWLSPACES PER CODE
5. ANCHOR SILL PLATE TO FOUNDATION @ 4' O.C. and 12" FROM CORNERS
6. PROVIDE SILL SEAL PER CODES
7. SILL PLATE TO BE 2 X 8 MIN. (PRESSURE TREATED)
8. SOLID BRIDGE ALL JOIST SPANS AT MID-SPAN MINIMUM.
9. WALL PLATE TO MATCH WALL THICKNESS TYP. NAIL TO RIM JOIST AT 8" O.C.
10. JOISTS SPANS ARE AS NOTED ON DRAWINGS
11. SUB-FLOOR TO BE 3/4" OSB TYPICAL
12. FINISH FLOOR PER OWNER'S SPEC
13. WALL STUDS TO BE @ 16" ON CENTER ALIGN ALL JOISTS, STUDS AND CEILING JOISTS WHERE POSSIBLE
14. TIE ALL TOP WALL PLATES TO STUDS AT CORNER WITH (1) SHEET MIN. PLYWOOD CONTINUOUS DIAGONAL BRACING
15. DOUBLE TOP PLATES TYP. TIE ALL TOP WALL PLATES TO PERPENDICULAR WALLS BY OVERLAPPING ALTERNATE PLATES
16. PROVIDE SMOKE DETECTORS PER LOCAL CODES

LOCATION:	KITCHEN AREA	QTY. _____
LOCATION:	MASTER BED	QTY. _____
LOCATION:	MASTER ENTRY	QTY. _____
LOCATION:	STAIR HALLWAY	QTY. _____
LOCATION:	MUD ROOM	QTY. _____
LOCATION:	_____	QTY. _____
LOCATION:	_____	QTY. _____
17. WALL INSULATION TO BE R-21, 5 1/2" MIN. UNLESS NOTED
18. ROOF INSULATION TO BE R-38, 11 1/4" MIN. UNLESS NOTED
19. FOR ROOF RAFTER SIZING SEE PLANS
20. G.C. TO PROVIDE CONTINUOUS SOFFIT VENT AT ADDITION G.C. TO PROVIDE CONTINUOUS RIDGE VENT
21. ROOF SHEATHING IS TYPICALLY 5/8" OSB or PLYWOOD
22. ROOF SHINGLES ARE MIN. 300 POUND ASPHALT SHINGLES SPEC'D BY OWNER ON 30 LB. BUILDERS FELT PROVIDE ICE AND WATER SHIELD AT VALLEYS AND EAVES
23. AT ROOF CONNECTION TO SIDE WALLS G.C. TO PROVIDE ALUMINUM STEP FLASHING TYP. AT ALL VALLEY(S) PLANNED AT ROOF G.C. TO PROVIDE ALUMINUM FLASHING TYP. OR MATCH EXISTING
24. G.C. TO SECURE SURVEYOR AS REQUIRED BY BUILDING DEPARTMENT
25. G.C. IS TO PROVIDE GUTTERS AND DOWNSPOUTS PER OWNER'S SPECIFICATIONS TO SPLASH BLOCK G.C. IS TO PROVIDE TYVEK HOUSE WRAP OR 15 LB. FELT AT WALLS
26. SIDING IS PER ELEVATIONS G.C. IS TO PROVIDE TYVEK HOUSE WRAP OR 15 LB. FELT AT WALLS
27. SEE PLANS FOR LIGHT AND VENTILATION REQUIREMENTS
28. NEW CEILING HEIGHT IS 8'-0" MIN AT ALL AREAS PER CODE
29. LIGHTING CIRCUIT TYPICAL (1) PER CODE 15 AMP CIRCUIT LIGHTING ON THIS PROJECT NOT TO EXCEED 1650w. TOTAL WATTAGE TYPICAL LIGHTING WIRING TO MEET LOCAL AND NATIONAL ELECTRICAL CODES MINIMUM WIRING FOR LIGHTING CIRCUIT TO BE 14/3 GROUNDED CIRCUIT
30. POWER CIRCUITS TYPICAL PER CODE 20 AMP CIRCUIT ON THIS PROJECT NOT TO EXCEED 8 NEW DUPLEX OUTLETS TYPICAL POWER WIRING TO MEET LOCAL AND NATIONAL ELECTRICAL CODES MINIMUM WIRING FOR POWER CIRCUIT TO BE 12/3 GROUNDED CIRCUIT NEW PANEL AND ELEC. PERMIT BY ELECTRICAL CONTRACTOR.
31. ELECTRICAL PANEL ASSUMED EXISTING TO REMAIN ELECTRICAL CONTRACTOR TO SUB-PANEL OR CIRCUIT PER CODE
32. STAIR RISERS NOT TO EXCEED 8"

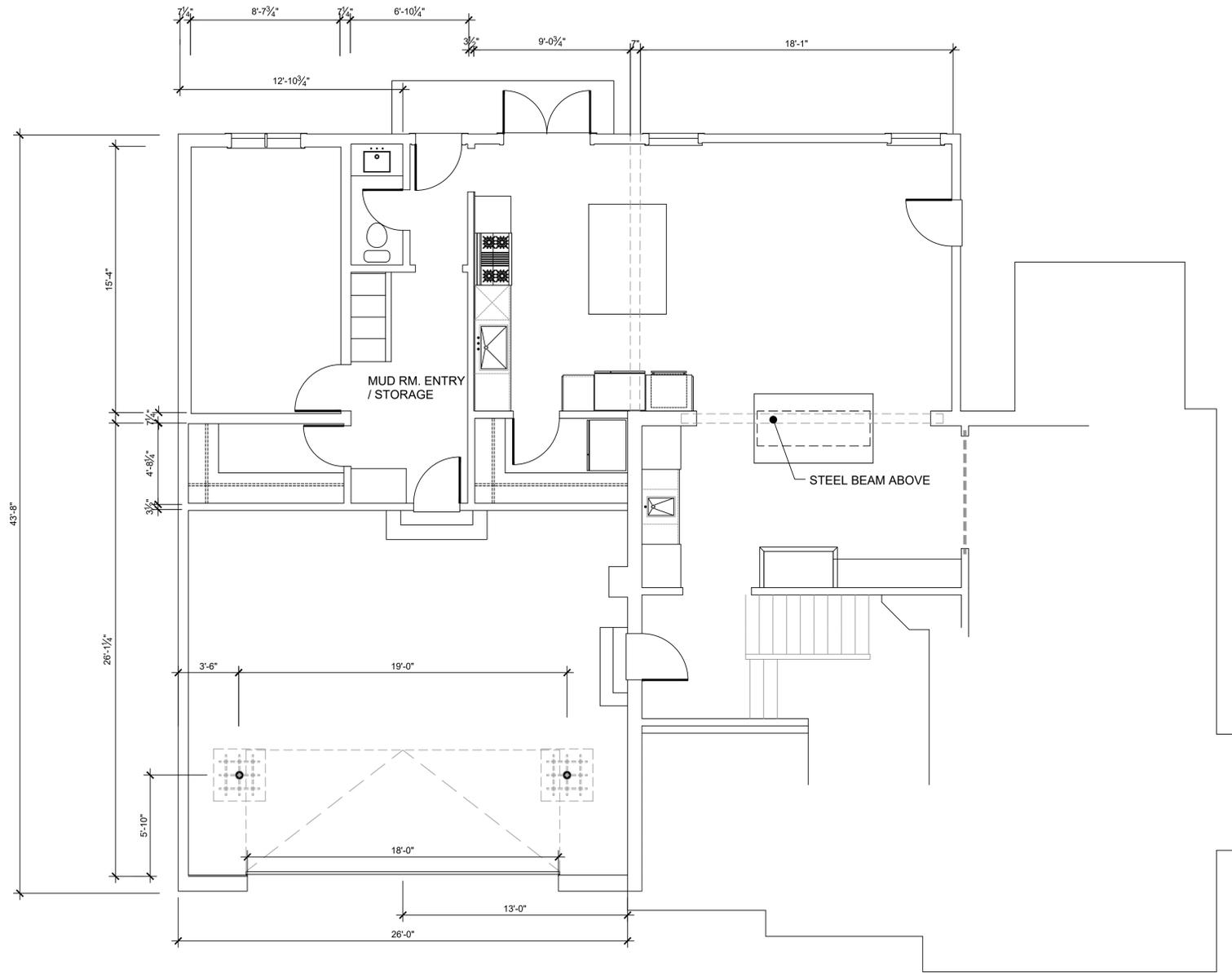


MARK REINHOLD architect 1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097
 TO BE DETERMINED
 01-11-2024
 Mark Reinhold
 No. 10840
 Expiration Date: 12/31/2024
 SCHEMATIC

19474 BEACHCLIFF, ROCKY RIVER, OHIO 44116
 BEBOS RESIDENCE



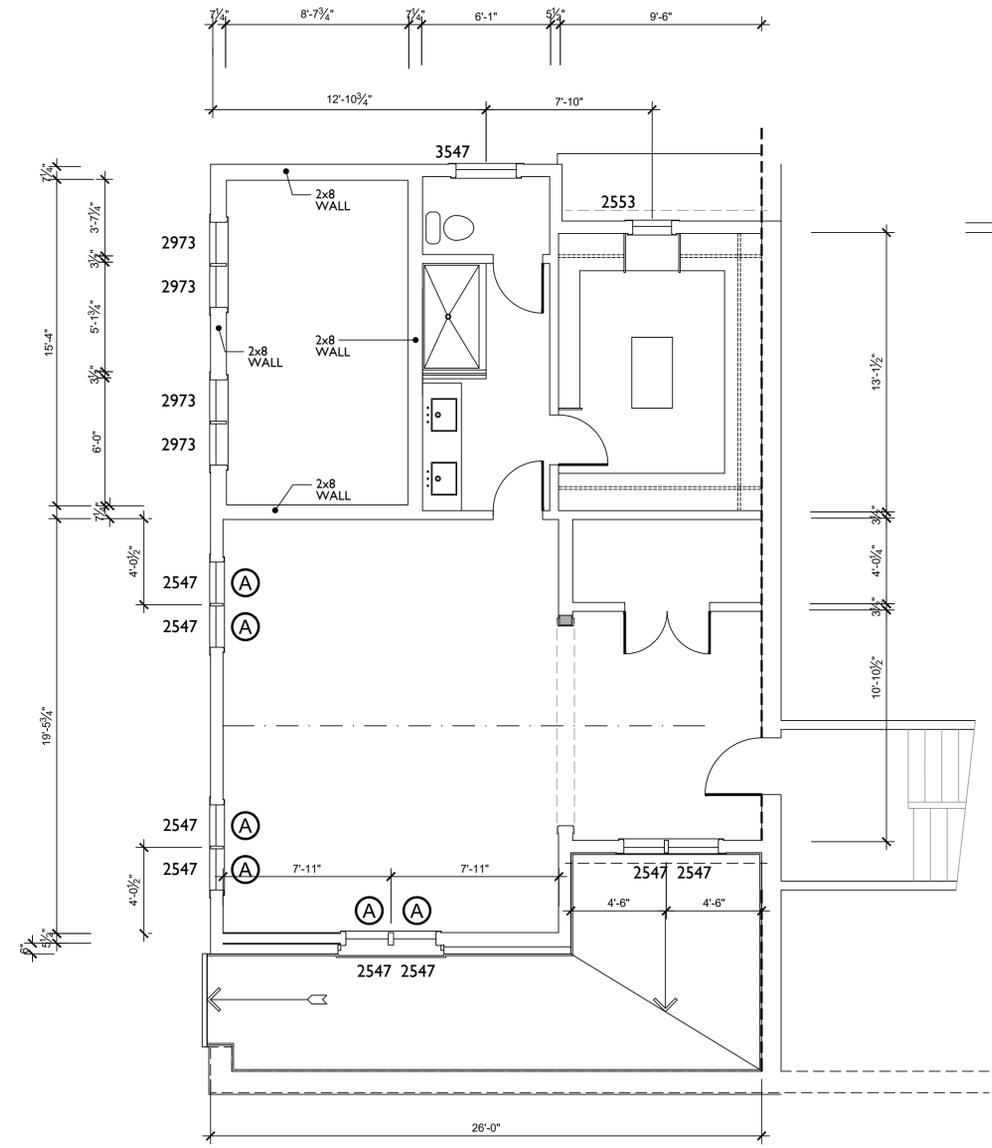
SCHEMATIC DESIGN A-4



BEBOS RESIDENCE

PROPOSED FIRST FLOOR PLAN
1/4" = 1'-0"

1
A-7

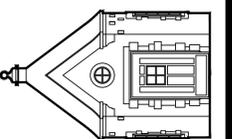


BEBOS RESIDENCE

PROPOSED SECOND FLOOR PLAN
1/4" = 1'-0"

2
A-7

(A) Meet or exceed clear opening area of 5.7 sq.ft. or 0.53 m2, clear opening width of 20" (508) and clear opening height of 24" (610) with appropriate hardware, straight or split arm operator, specified.

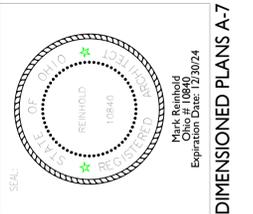


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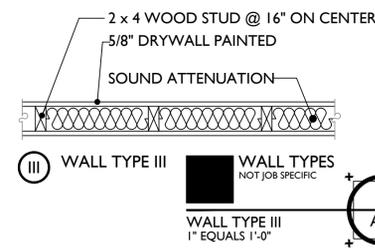
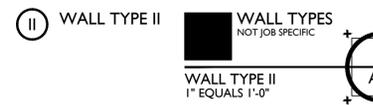
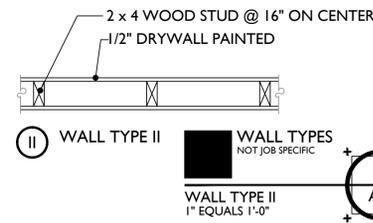
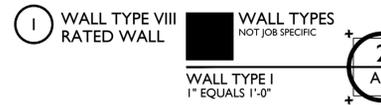
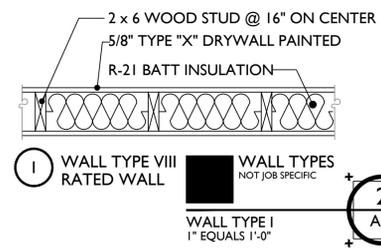
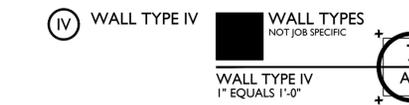
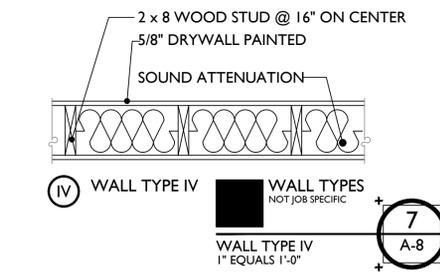
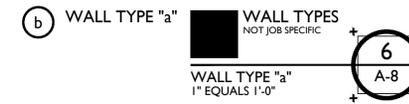
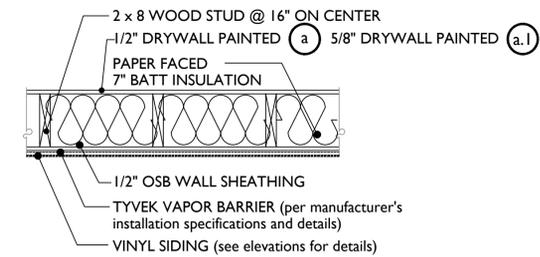
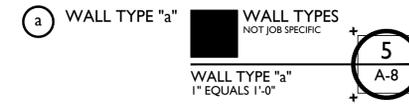
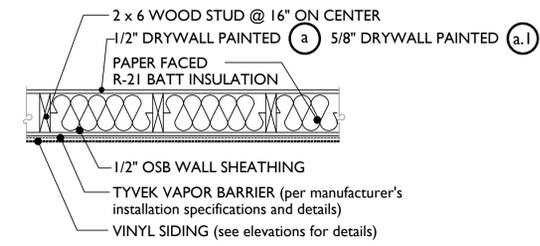
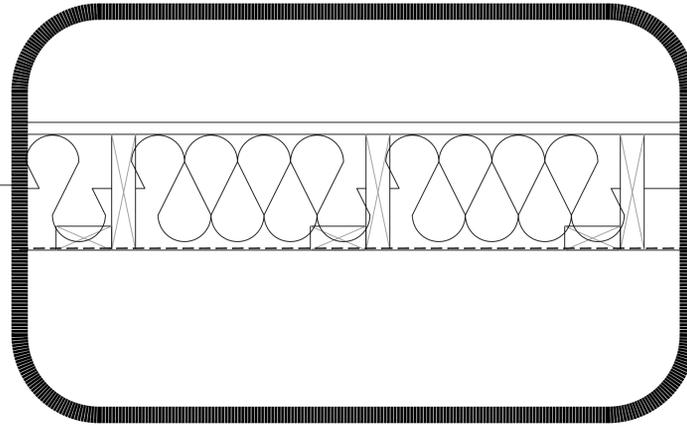
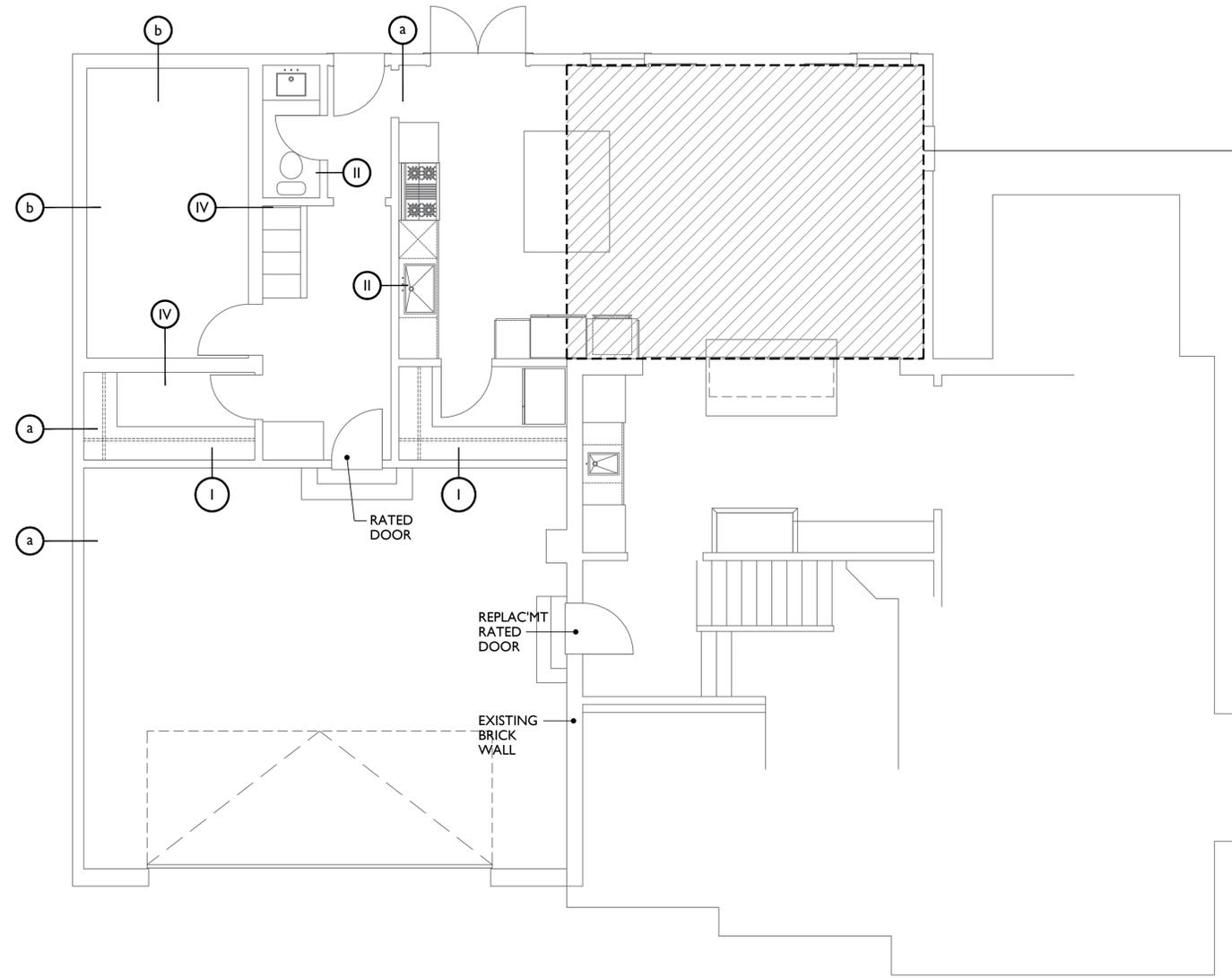
SCALISH CONSTRUCTION
03-31-2024

BEBOS RESIDENCE

19474 BEACHCLIFF, ROCKY RIVER, OHIO 44116



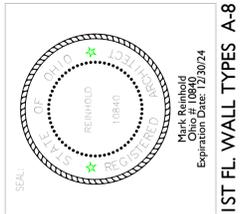
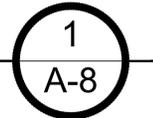
DIMENSIONED PLANS A-7



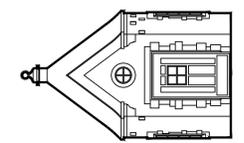
1/4" = 1'-0"

BEBOS RESIDENCE

SCHEMATIC FOUNDATION PLAN

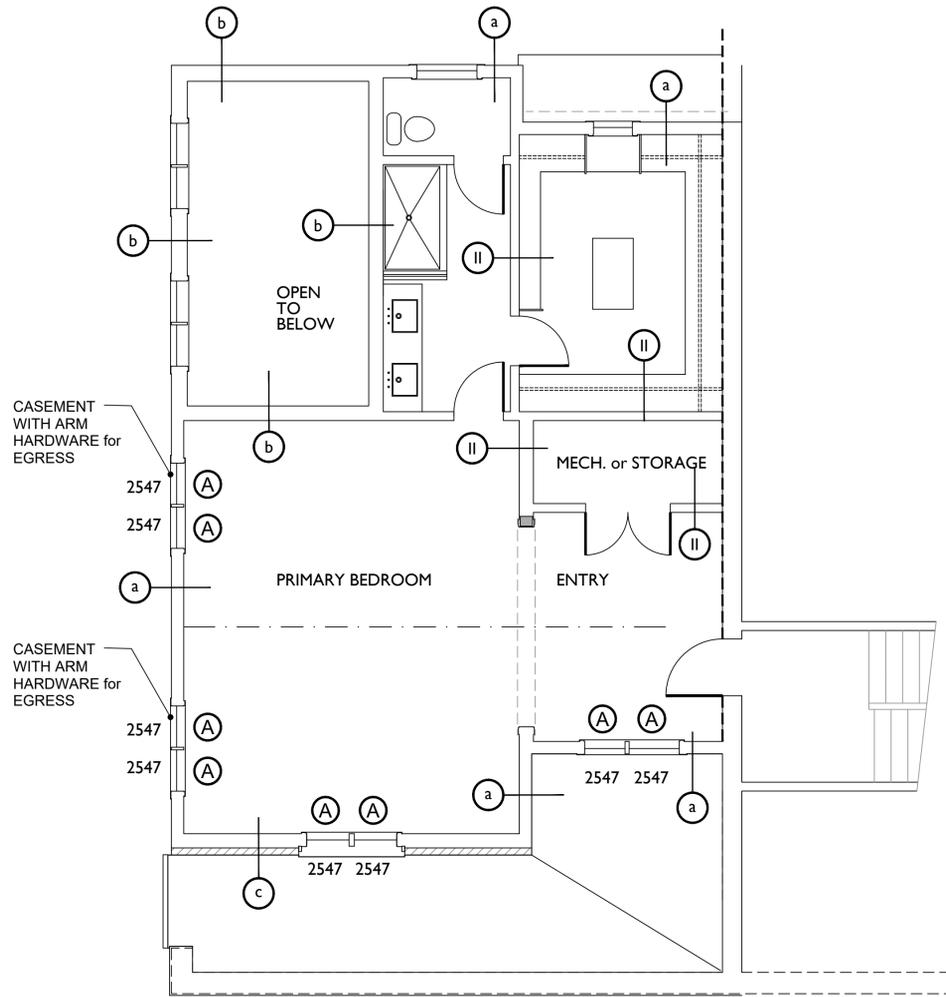


SCALISH CONSTRUCTION
 03-31-2024
 PERMITTING
 19474 BEACHCLIFF, ROCKY RIVER, OHIO 44116
 MARK REINHOLD architect 1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097



BEBOS RESIDENCE

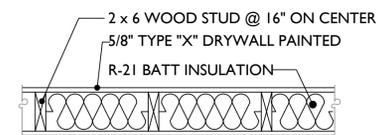
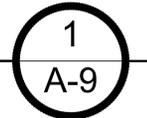
1ST FL. WALL TYPES A-8



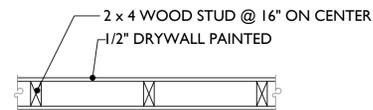
1/4" = 1'-0"

BEBOS RESIDENCE

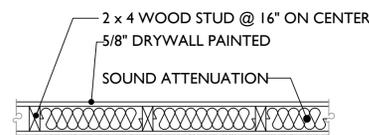
SCHEMATIC FOUNDATION PLAN



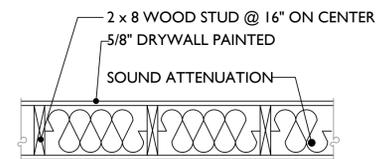
1 WALL TYPE VIII RATED WALL
WALL TYPES NOT JOB SPECIFIC
WALL TYPE I
1" EQUALS 1'-0"



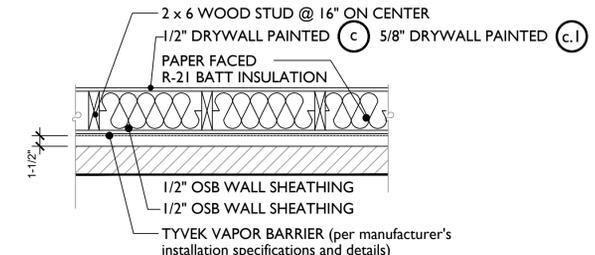
2 WALL TYPE II
WALL TYPES NOT JOB SPECIFIC
WALL TYPE II
1" EQUALS 1'-0"



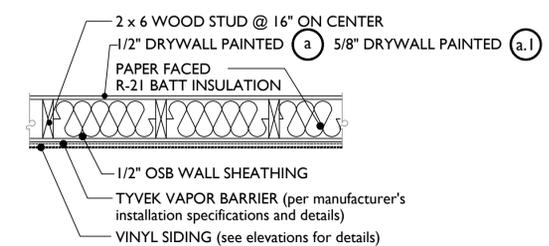
3 WALL TYPE III
WALL TYPES NOT JOB SPECIFIC
WALL TYPE III
1" EQUALS 1'-0"



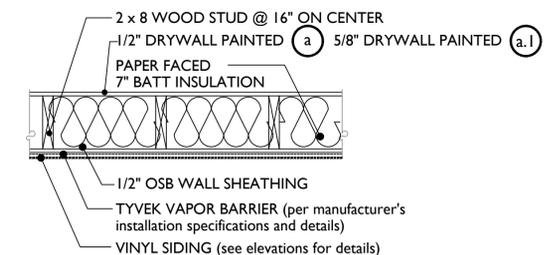
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WALL TYPES NOT JOB SPECIFIC
WALL TYPE IV
1" EQUALS 1'-0"



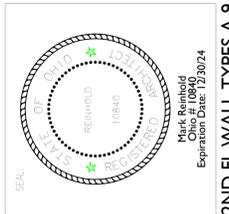
5 WALL TYPE "c"
WALL TYPES NOT JOB SPECIFIC
WALL TYPE "a"
1" EQUALS 1'-0"



6 WALL TYPE "a"
WALL TYPES NOT JOB SPECIFIC
WALL TYPE "a"
1" EQUALS 1'-0"



7 WALL TYPE "a"
WALL TYPES NOT JOB SPECIFIC
WALL TYPE "a"
1" EQUALS 1'-0"



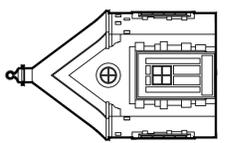
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03-31-2024
PERMITTING

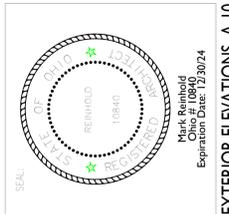
MARK REINHOLD architect 1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

BEBOS RESIDENCE

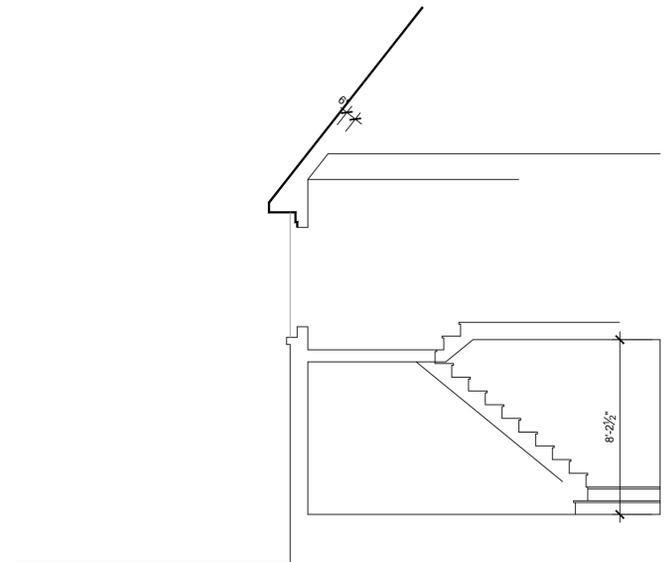
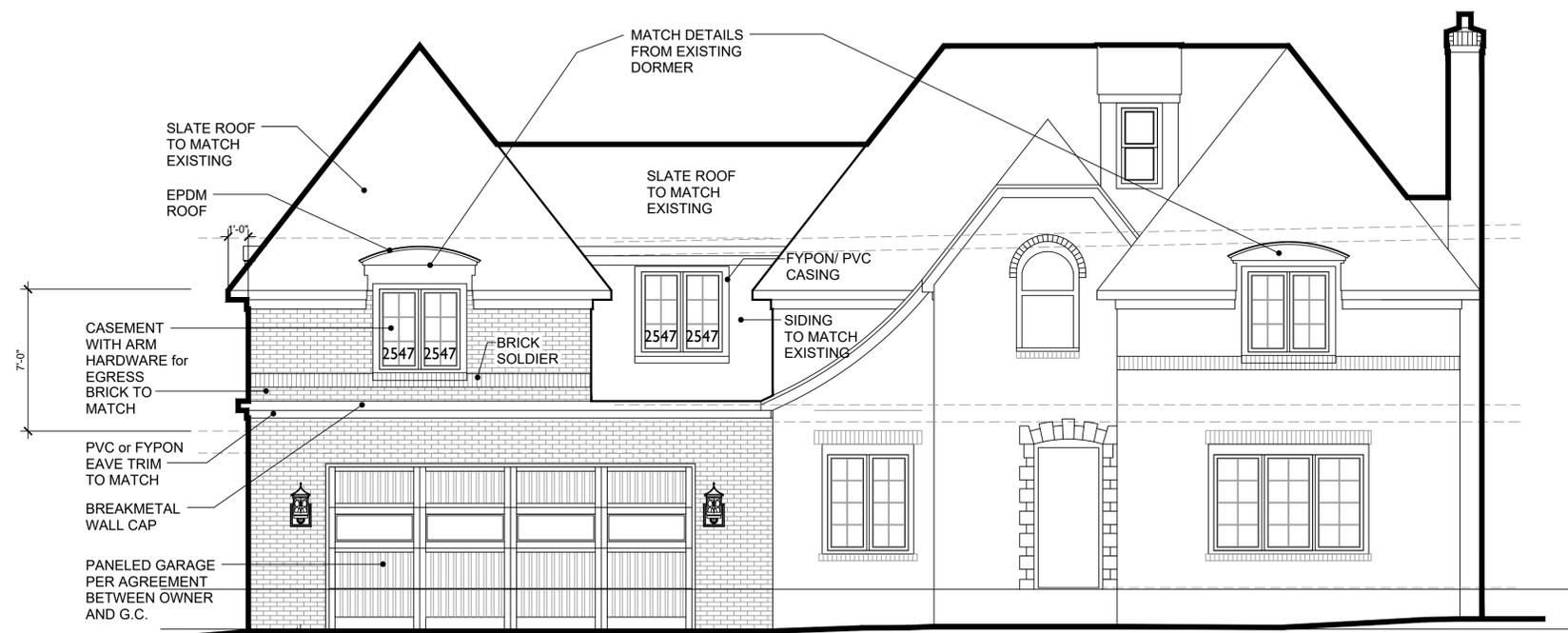
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2ND FL WALL TYPES A-9



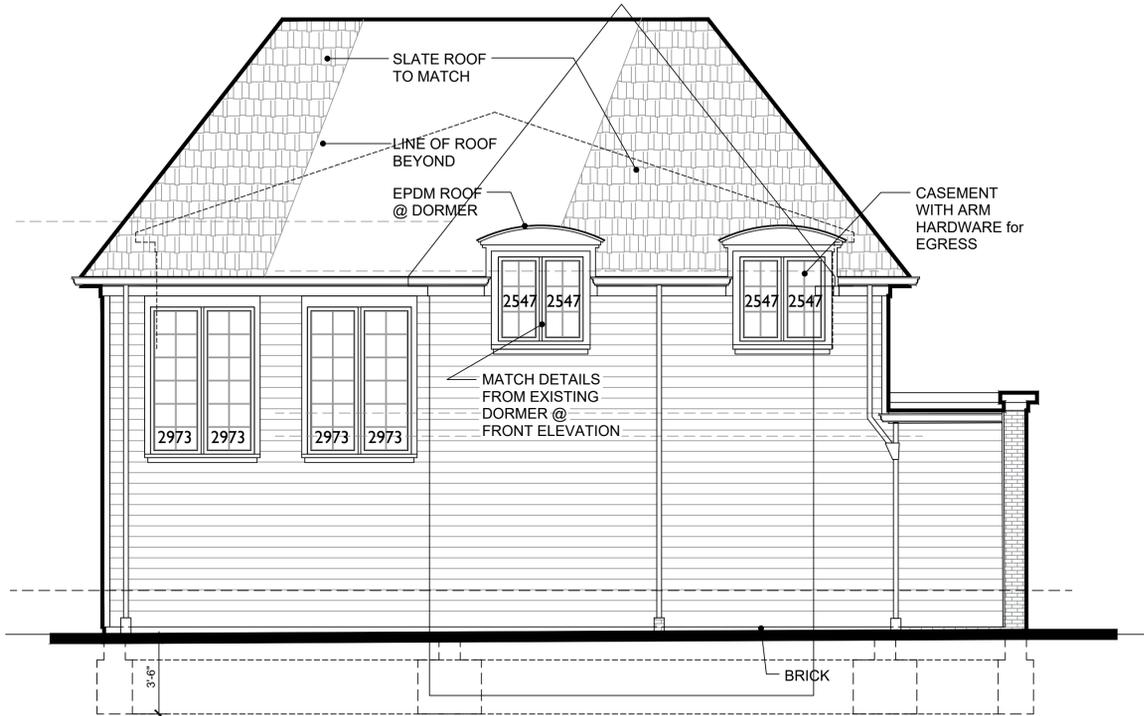


EXTERIOR ELEVATIONS A-10



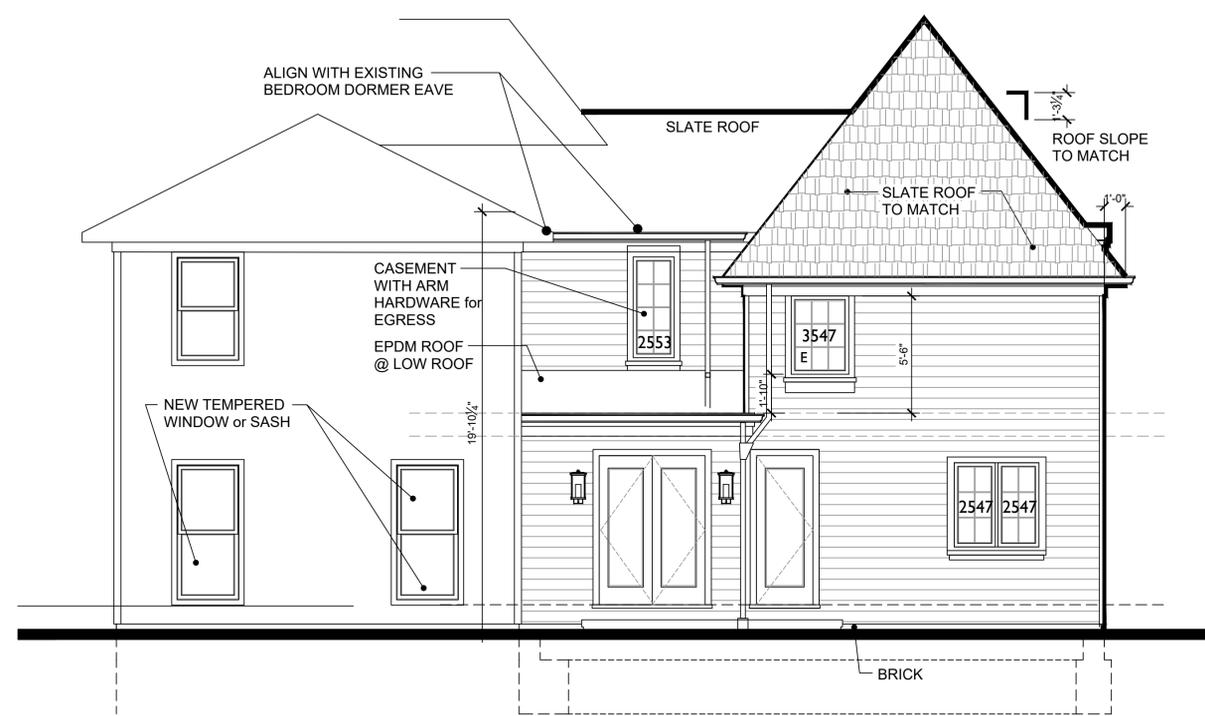
BEBOS RESIDENCE
PROPOSED FRONT (SOUTH) EXTERIOR ELEVATION

1
A-10



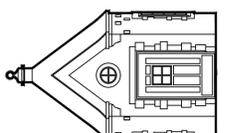
BEBOS RESIDENCE
PROPOSED SIDE (WEST) EXTERIOR ELEVATION
1/4" = 1'-0"

2
A-10



BEBOS RESIDENCE
PROPOSED REAR (NORTH) EXTERIOR ELEVATION
1/4" = 1'-0"

3
A-10



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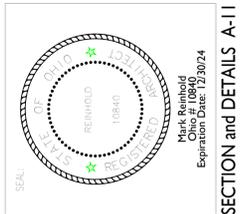
SCALISH CONSTRUCTION

03-31-2024

PERMITTING

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BEBOS RESIDENCE



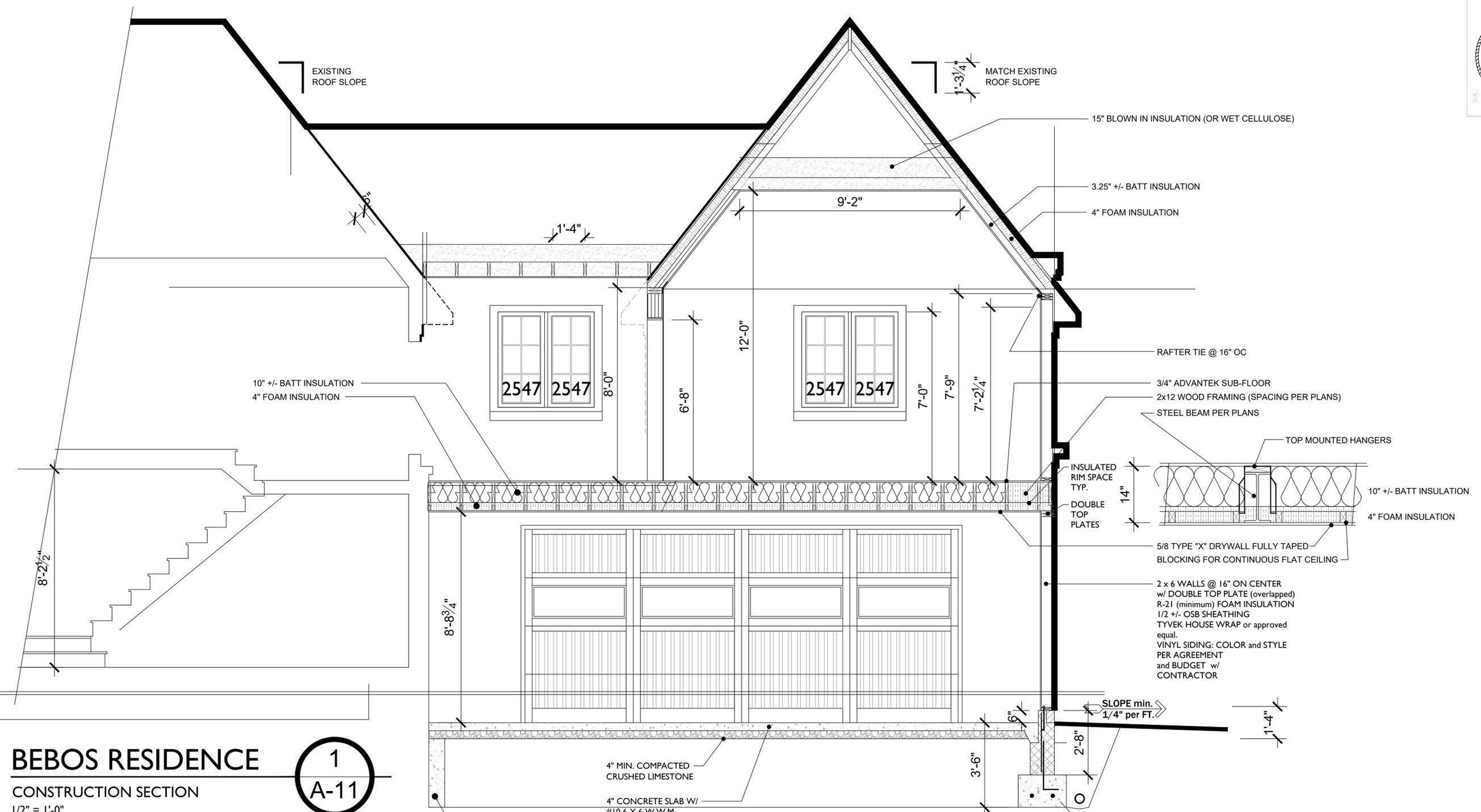
SECTION and DETAILS A-11

SCALISH CONSTRUCTION
03-31-2024

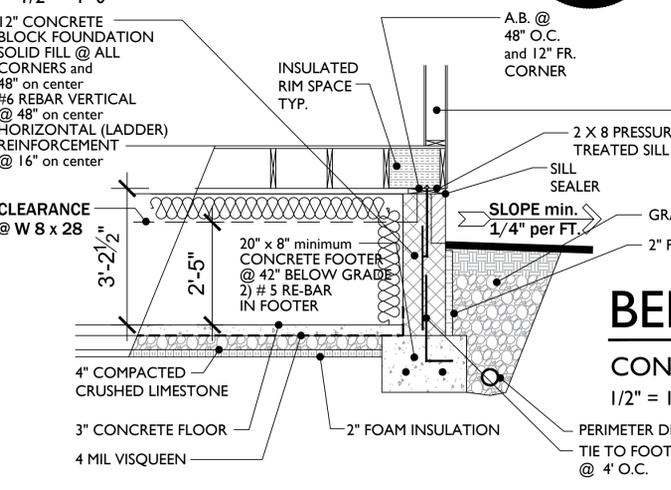
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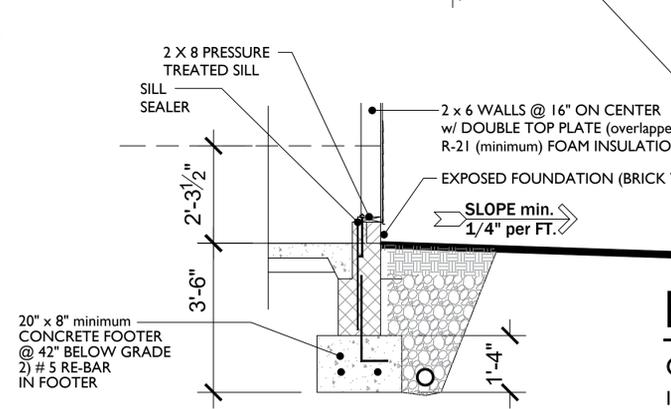
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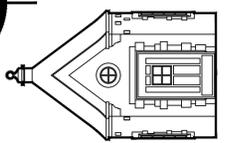
BEBOS RESIDENCE
CONSTRUCTION SECTION
1/2" = 1'-0"
1
A-11



BEBOS RESIDENCE
CONSTRUCTION SECTION
1/2" = 1'-0"
2
A-11



BEBOS RESIDENCE
CONSTRUCTION SECTION
1/2" = 1'-0"
3
A-11



4417 Lancaster Pike
Chestnut Run Plaza 721
Wilmington, DE 19805
1-800-448-9835
www.construction.TYVEK.com

O'NEILL RESIDENCE
25111 LAKE ROAD, BAY VILLAGE, OHIO
CONTRACTOR
CONTACT: () PHONE: ()
HOUSE WRAP SPECIFICATIONS
NOT TO SCALE



Product and System Specifications

DuPont™ Tyvek® HomeWrap®
The purpose of this guide specification is to assist the specifier in correctly specifying weather barrier products and execution. The specifier needs to edit the guide specifications to fit the needs of specific projects. Contact a DuPont™ Tyvek® Specialist to assist in appropriate product selections. Throughout the guide specification, here are Specifier Notes to assist in editing of the file.

This guide is for applications using a non-woven, spunbonded polyolefin sheet air and moisture barrier assembly. This barrier is non-perforated, without visible holes or voids, designed to help stop the passage of bulk water and airflow movement, yet it is vapor permeable. This barrier assembly offers a balance of properties and protection for the building envelope by providing a lightweight barrier that will resist wind, water, abrasion, tearing, puncturing, and UV exposure for up to 4 months. This guide is for applications using a non-woven, spunbonded polyolefin sheet air and moisture barrier assembly. This barrier is non-perforated, without visible holes or voids, designed to help stop the passage of bulk water and airflow movement, yet it is vapor permeable. This barrier assembly offers a balance of properties and protection for the building envelope by providing a lightweight barrier that will resist wind, water, abrasion, tearing, puncturing, and UV exposure for up to 4 months. This weather barrier is acceptable for use behind traditional brick veneer, vinyl and wood siding applications up to four stories. For applications beyond four stories, or where a commercial warranty is required, DuPont™ Tyvek® CommercialWrap® is recommended. This weather barrier is specifically for above grade, vertical wall surfaces where the wall assembly may consist of any of the following: exterior gypsum sheathing, exterior plywood sheathing, oriented strand board (OSB) sheathing and masonry. It is the recommendation and the preferred application for the weather barrier to be installed prior to the installation of the windows and doors. In cases where conditions require installation of weather barrier after window installation or non-flanged windows are used, contact a DuPont™ Tyvek® Specialist for assistance and recommendations.

SECTION 07 25 00 WEATHER BARRIERS

DuPont™ Tyvek® HomeWrap®

PART 1 - GENERAL

1.1 SECTION INCLUDES

(Specifier Note: "Weather barrier assembly" has been used throughout the document. A weather barrier is a weather-resistant membrane for vertical building envelope protection that will maintain air/moisture resistance while maintaining moisture-vapor permeability. The assembly consists of the following four components.)
A. Weather barrier membrane (DuPont™ Tyvek® HomeWrap®)
B. Seam Tape (DuPont™ Tyvek®)
C. Flashing (DuPont™ FlexWrap™ NF, DuPont™ StraightFlash™, DuPont™ StraightFlash™ VF, and/or DuPont™ Thru-Wall Flashing)
D. Fasteners (DuPont™ Tyvek® Wrap Caps)

1.2 REFERENCES

- ASTM International
- ASTM C920: Standard Specification for Elastomeric Joint Sealants
- ASTM C1193: Standard Guide for Use of Joint Sealants
- ASTM D882: Test Method for Tensile Properties of Thin Plastic Sheeting
- ASTM D1117: Standard Guide for Evaluating Non-woven Fabrics
- ASTM E84: Test Method for Surface Burning Characteristics of Building Materials
- ASTM E96: Test Method for Water Vapor Transmission of Materials
- ASTM E1677: Specification for Air Retarder Material or System for Framed Building Walls
- ASTM E2178: Specification for Air Permeance of Building Materials
- AATCC - American Association of Textile Chemists and Colorists
- Test Method 127 Water Resistance: Hydrostatic Pressure Test
- Test Method T-410; Grams of Paper and Paperboard (Weight per Unit Area)
- Test Method T-460; Air Resistance (Gurley Hill Method)

1.3 SUBMITTALS

- Refer to Section [01 33 00 Submittal Procedures] [insert section number and title].
- Product Data: Submit manufacturer current technical literature for each component.
- Samples: Weather Barrier membrane, minimum 8-1/2 inches by 11 inch.
- Quality Assurance Submittals
 - Manufacturer instructions: Provide manufacturer's written installation instructions.
 - Manufacturer website: See the DuPont website for more information on residential warranties.

1.5 DELIVERY, STORAGE AND HANDLING

- Refer to Section [01 60 00 Product Requirements] [insert section number and title].
- Deliver weather barrier materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
- Store weather barrier materials as recommended by system manufacturer.

1.6 SCHEDULING

(Specifier Note: The preferred order of installation for DuPont™ Tyvek® HomeWrap® is prior to the installation of windows and doors.)
A. Review requirements for sequencing of installation of weather barrier assembly with installation of windows, doors, louvers and flashings to provide a weather-tight barrier assembly.

PART 2 - PRODUCTS

(Specifier Note: Product information is proprietary to DuPont™ Tyvek® HomeWrap®. If additional products are required for competitive procurement, contact DuPont Building Innovations for assistance.)
2.1 MANUFACTURER
A. DuPont; 4417 Lancaster Pike, Chestnut Run Plaza 726, Wilmington, DE 19805; 1-800-44-TYVEK (8-9835); <http://www.construction.tyvek.com>

2.2 MATERIALS

- Basis of Design: spunbonded polyolefin, non-woven, non-perforated, weather barrier is based upon DuPont™ Tyvek® HomeWrap® and related assembly components.
- Performance Characteristics:
 - Air Penetrations: <0.04 cfm/ft² at 1.57 psf, when tested in accordance with ASTM E2178, Type I per ASTM E1677.
 - Water Vapor Transmission: 56 perms, when tested in accordance with ASTM E96-05, Method A.
 - Water Penetration Resistance: 250 cm when tested in accordance with AATCC Test Method 127.
 - Basis Weight: 1.8 oz/yd², when tested in accordance with TAPPI Test Method T-410.
 - Air Resistance: 1200 seconds, when tested in accordance with TAPPI Test Method T-460.
 - Tensile Strength: 30/30 lbs/in., when tested in accordance with ASTM D882.
 - Tear Resistance: 8/6 lbs, when tested in accordance with ASTM D1117.
 - Surface Burning Characteristics: Class A, when tested in accordance with ASTM E84. Flame Spread: 15, Smoke Developed: 15

2.3 ACCESSORIES

- Seam Tape: [2] [or] [3] inch wide, DuPont™ Tyvek® Tape as distributed by DuPont Building Innovations.
- Fasteners:

- (Specifier Note: Wood Frame Construction) DuPont™ Tyvek® Wrap Caps, as distributed by DuPont; #4 nails with large 1-inch plastic cap fasteners, or 1-inch plastic cap staples with leg length sufficient to achieve a minimum penetration of 5/8-inch into the wood stud.

AND/OR

- (Specifier Note: Masonry Construction) Masonry tap-con fasteners with DuPont™ Tyvek® Wrap Caps as distributed by DuPont; 2-inch diameter plastic cap fastener.

C. Sealants

(Specifier Note: Sealants compatible with weather barrier assembly may be specified in this section or in Division 07 sealants section.)

- Refer to Section [07 92 00 Joint Sealants] [insert section number and title].

OR

- Provide sealants that comply with ASTM C 920, elastomeric polymer sealant to maintain watertight conditions.

D. Products:

- DuPont™ Residential Sealant
- DuPont™ Commercial Sealant

E. Adhesive:

- Provide adhesive recommended by weather barrier manufacturer.

(Specifier Note: Products listed below are only recommendations for inclusion when required and should be EDITED for specific project.)

2. Products:

- Liquid Nails® LN-109
- Densol Butyl Liquid
- 3M High Strength 90

(Specifier Note: SIA product meets California VOC requirements.)

- SIA 655
- Adhesives recommend by the weather barrier manufacturer.

E. Primer:

- Provide flashing manufacturer recommended primer to assist in adhesion between substrate and flashing.

(Specifier Note: Products listed below are only recommendations for inclusion when required and should be EDITED for specific project.)

2. Products:

- 3M High Strength 90
- Densol Butyl Spray

(Specifier Note: SIA product meets California VOC requirements.)

- SIA 655
- Permagrip 105
- ITW TACC Sta Put SPH
- Primers recommended by the flashing manufacturer

F. Flashing

- DuPont™ FlexWrap™, as distributed by DuPont; flexible membrane flashing materials for window openings and penetrations.

AND/OR

- DuPont™ FlexWrap™ NF, as distributed by DuPont; flexible membrane flashing materials for window openings and penetrations.

AND/OR

- DuPont™ StraightFlash™, as distributed by DuPont; straight flashing membrane materials for flashing windows and doors and sealing penetrations, masonry ties, etc.

AND/OR

- DuPont™ StraightFlash™ VF, as distributed by DuPont; dual-sided, straight flashing membrane materials for brickmold and non-flanged windows and doors.

AND/OR

- DuPont™ Thru-Wall Surface Adhered Membrane with Integrated Drip Edge: Thru-Wall flashing membrane materials for flashing at changes in direction or elevation (shelf angles, foundations, etc.) and at transitions between different assembly materials.

AND/OR

- Preformed Inside and Outside Corners and End Dams as distributed by DuPont; Preformed three-dimensional shapes to complete the flashing system used in conjunction with DuPont™ Thru-Wall Flashing.

PART 3 - EXECUTION

3.1 EXAMINATION

- Verify substrate and surface conditions are in accordance with weather barrier manufacturer recommended tolerances prior to installation of weather barrier and accessories.

3.2 INSTALLATION - WEATHER BARRIER

- Install weather barrier over exterior face of exterior wall substrate in accordance with manufacturer recommendations.
- Start weather barrier installation at a building corner, leaving 6-12 inches of weather barrier extended beyond corner to overlap.
- Install weather barrier in a horizontal manner starting at the lower portion of the wall surface. Maintain weather barrier plumb and level.
- Extend bottom roll edge over sill plate interface 2" to 3" minimum. Seal weather barrier with sealant or tape. Shingle weather barrier over back edge of thru-wall flashings and seal weather barrier with sealant or tape. Ensure weeps are not blocked.
- Subsequent layers shall overlap lower layers a minimum of 6 inches horizontally in a shingling manner.
- Window and Door Openings: Extend weather barrier completely over openings.
- Weather Barrier Attachment:
 - (Specifier Note: Steel or Wood Frame Construction) Attach weather barrier to studs through exterior sheathing. Secure using weather barrier manufacturer recommended fasteners, spaced 12-18 inches vertically on center along stud line, and 24 inch on center, maximum horizontally.
 - (Specifier Note: Masonry Construction) Attach weather barrier to masonry. Secure using weather barrier manufacturer recommended fasteners, spaced 12-18 inches vertically on center and 24 inches maximum horizontally. Weather barrier may be temporarily attached to masonry using recommended adhesive, placed in vertical strips spaced 24 inches on center, when coordinated on the project site. Use cladding fasteners as permanent means of attachment.
- Apply 4 inch by 7 inch piece of DuPont™ StraightFlash™ or weather barrier manufacturer approved alternate to weather barrier membrane prior to the installation cladding anchors.

3.3 SEAMING

- Seal seams of weather barrier with seam tape at all vertical and horizontal overlapping seams.
- Seal any tears or cuts as recommended by weather barrier manufacturer.

3.4 OPENING PREPARATION (for use with flanged windows)

- Cut weather barrier in an "cut" pattern. A modified "cut" is also acceptable.
 - Cut weather barrier horizontally along the bottom and top of the window opening.
 - From the top center of the window opening, cut weather barrier vertically down to the sill
 - Fold side and bottom weather barrier flaps into window opening and fasten.
 - Cut a head flap at 45-degree angle in the weather barrier membrane at window head to expose 8 inches of sheathing. Temporarily secure weather barrier membrane flap away from sheathing with tape.

3.5 FLASHING

(Specifier Note: DuPont recommends the use of the 7-inch wide DuPont™ FlexWrap™ with 2 by 4 framing and 9-inch wide DuPont™ FlexWrap™ with 2 by 6 framing.)

- Cut [7-inch] [9-inch] wide DuPont™ FlexWrap™ or DuPont™ FlexWrap™ NF a minimum of 12 inches longer than width of sill rough opening. Apply primer as recommended by the manufacturer.
- Cover horizontal sill by aligning DuPont™ FlexWrap™ or DuPont™ FlexWrap™ NF edge with inside edge of sill. Adhere to rough opening across sill and up jambs a minimum of 6 inches. Secure flashing tightly into corners by working in along the sill before adhering up the jambs.
- Fan DuPont™ FlexWrap™ or DuPont™ FlexWrap™ NF at bottom corners onto face of wall. Firmly press in place. Mechanically fasten flanged edges. Mechanical fastening is not required for DuPont™ FlexWrap™ NF.
- On exterior, apply continuous bead of sealant to wall or backside of window mounting flange across jambs and head. Do not apply sealant across sill.
- Install window according to manufacturer's instructions.
- Apply 4-inch wide strips of DuPont™ StraightFlash™ at jambs overlapping entire mounting flange. Extend jamb flashing 1-inch above top of rough opening and below bottom edge of sill flashing.
- Apply 4-inch wide strip of DuPont™ StraightFlash™ as head flashing overlapping the mounting flange. Head flashing should extend beyond outside edges of both jamb flashings.
- Position weather barrier head flap across head flashing. Adhere using 4-inch wide DuPont™ StraightFlash™ over the 45-degree seams.
- Tape head flap in accordance with manufacturer recommendations.
- On interior, install anchor rod in joint between frame of window and flashed rough framing. Apply sealant around entire window to create air seal. Apply sealant in accordance with sealant manufacturer's instructions and ASTM C1193.

3.8 THRU-WALL FLASHING INSTALLATION

- Apply primer per manufacturer's written instructions.
- Install preformed interior or exterior dam bedded in sealant in appropriate locations along wall.
- Starting at a corner, remove release sheet and apply membrane to primed surfaces in lengths of 8 to 10 feet.
- Extend membrane through wall and leave 1/4 inch minimum exposed to form drip edge.
- Roll flashing into place. Ensure continuous and direct contact with substrate.
- Lap ends and overlap preformed corners 4 inches minimum. Seal all laps with sealant.
- (Specifier Note: DELETE paragraph below if a metal drip edge is not required.)
- Trim exterior edge of membrane 1-inch and secure metal drip edge per manufacturer's written instructions.
- Terminate membrane on vertical wall. [Terminate into register, counterflashing or with termination bar.]
- Apply sealant bead at each termination.

3.9 THRU-WALL FLASHING / WEATHER BARRIER INTERFACE AT BASE OF WALL

- Overlap thru-wall flashing with weather barrier by 6-inches.
- Mechanically fasten bottom of weather barrier through top of thru-wall flashing.
- Seal vertical and horizontal seams with tape or sealing membrane.

3.10 THRU-WALL FLASHING / WEATHER BARRIER INTERFACE AT SHELF ANGLE

- Seal weather barrier to bottom of shelf angle with sealing membrane.
 - Apply thru-wall flashing to top of shelf angle. Overlap thru-wall flashing with weather barrier by 6-inches.
 - Seal bottom of weather barrier to thru-wall flashing with tape or sealing membrane.
- 3.11 THRU-WALL FLASHING / WEATHER BARRIER INTERFACE AT WINDOW HEAD**
- Cut flap in weather barrier at window head.
 - Prime exposed sheathing.
 - Install lintel as required. Verify end dams extend 4 inches minimum beyond opening.
 - Install end dams bedded in sealant.
 - Adhere 2 inches minimum thru-wall flashing to wall sheathing. Overlap lintel with thru-wall flashing and extend 1/4 inch minimum beyond outside edge of window head.
 - Apply sealant along thru-wall flashing edges.
 - Fold weather barrier flap back into place and tape bottom edge to thru-wall flashing.
 - Hape diagonal cuts of weather barrier.
 - Secure weather barrier flap with fasteners.

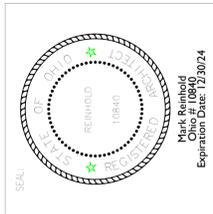
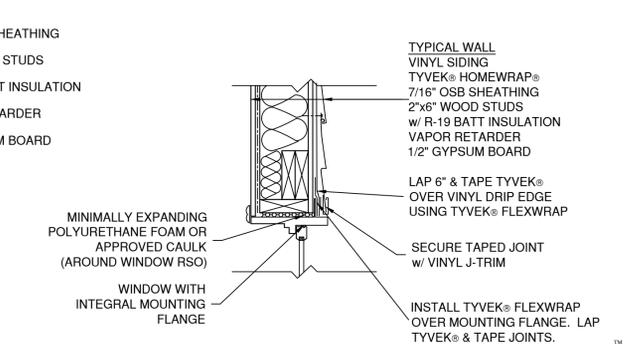
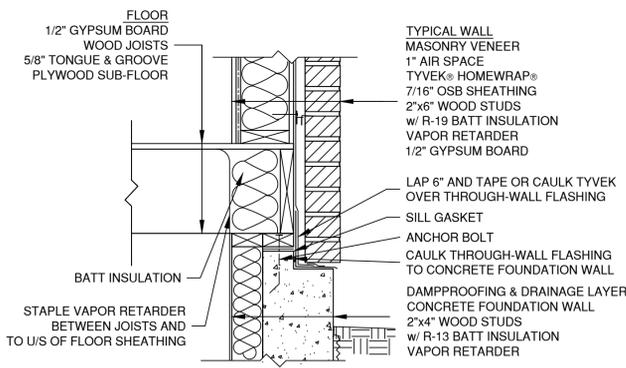
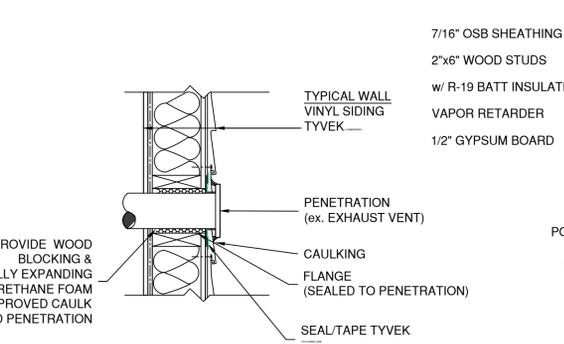
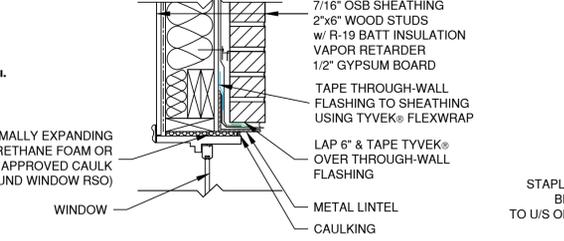
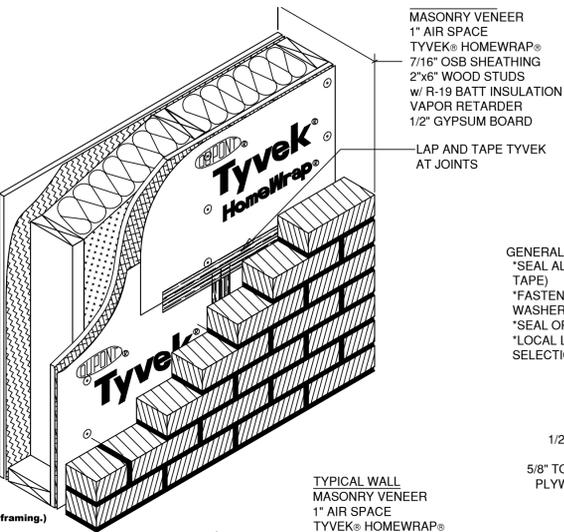
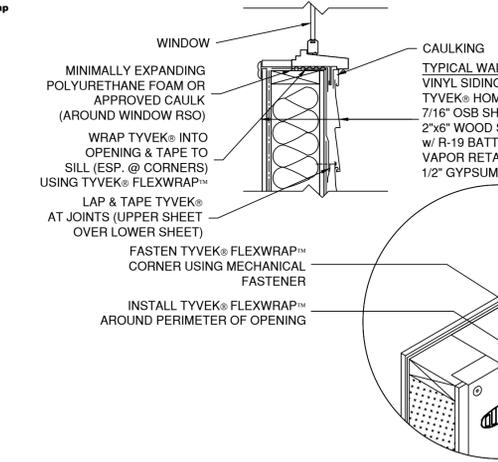
3.12 PROTECTION

- Protect installed weather barrier from damage.

END OF SECTION

Please contact your local DuPont™ Tyvek® Specialist at 1-800-44-Tyvek or visit www.construction.tyvek.com

*SEAL ALL TYVEK® JOINTS AND PENETRATIONS WITH APPROVED TAPE. (ex. DUPONT CONTRACTOR TAPE)
*FASTEN TYVEK® TO SHEATHING WITH LARGE HEAD NAILS OR USE NAILS WITH LARGE PLASTIC WASHER HEADS.(ex. DUPONT WRAPCAPS)
*LOCAL LAWS, ZONING, AND BUILDING CODES VARY AND THEREFORE GOVERNS OVER MATERIAL SELECTION AND DETAILING SHOWN BELOW.



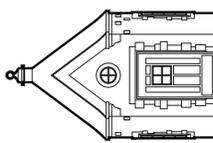
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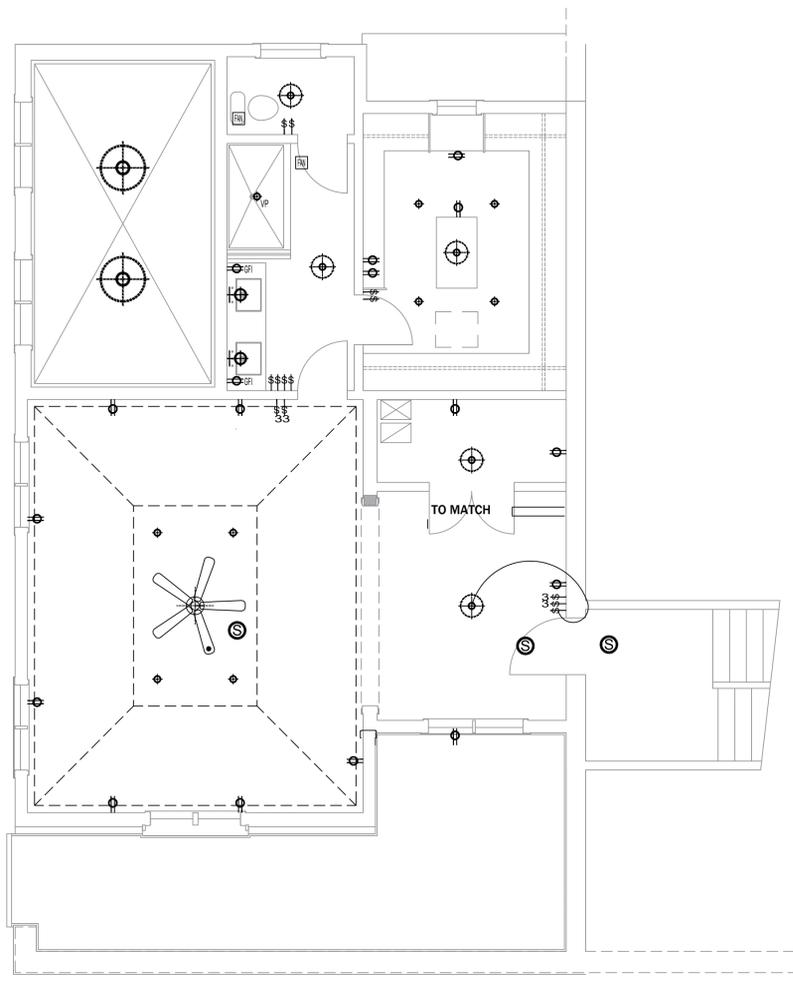
VAPOR BARRIER DETAILS AND SPECS A-12

MARK REINHOLD architect 1120 Forest Road, Lakewood, Ohio 44107 (216) 906-7097

19474 BEACHCLIFF, ROCKY RIVER, OHIO 44116

BEBOS RESIDENCE



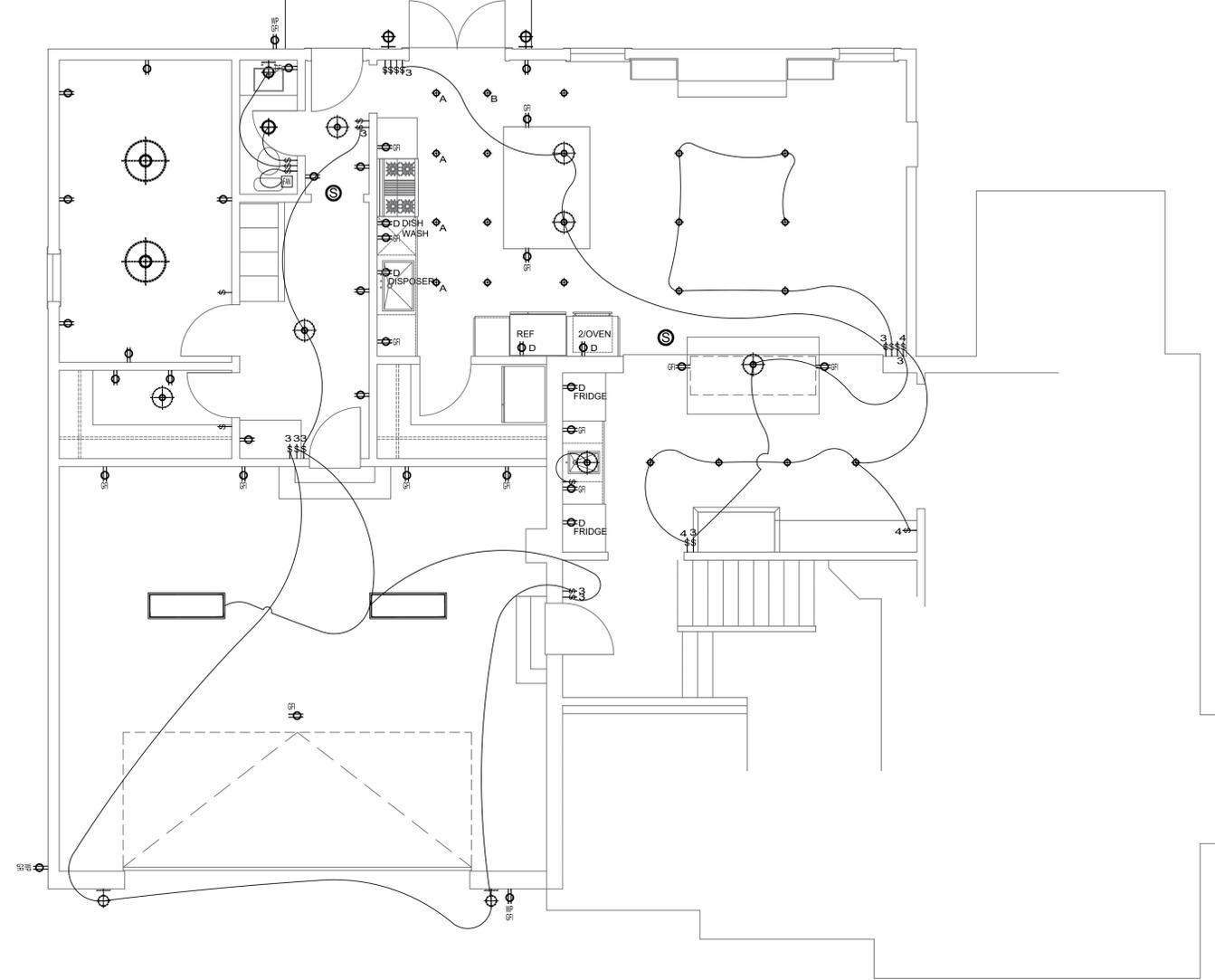


BEBOS RESIDENCE

POWER AND LIGHTING

1/4" = 1'-0"

1
A-13



BEBOS RESIDENCE

FIRST FLOOR POWER AND LIGHTING

1/4" = 1'-0"

2
A-13

LOAD CALCULATIONS NOTE:

ELECTRICAL CONTRACTOR TO PROVIDE LOAD CALCULATION TO THE CITY PRIOR TO PERMIT PROCESS (PROVIDE WITH PERMIT APPLICATION)

PANEL NOTE:

ELECTRICAL CONTRACTOR TO PROVIDE PANEL DRAWING AS REQUIRED WITH PERMIT. PANEL TO BE LABELED PRIOR TO C/O

CIRCUITING NOTE:

ALL LIGHTING AND POWER IN EACH BATHROOM TO BE ON ITS OWN (SEPARATE) CIRCUIT. POWER AND LIGHTING CAN BE ON A COMBINED CIRCUIT

RECEPTACLE NOTE:

OUTLETS SHOWN ARE GUIDELINE ONLY. MORE OUTLETS ARE REQUIRED BY THE FOLLOWING CODES: OUTLETS ARE REQUIRED TO BE NO MORE THAN 6 FEET APART (MEASURED HORIZONTALLY ALONG FLOOR LINE) AT COUNTER AREAS. OUTLETS ARE REQUIRED TO BE NO MORE THAN 24" APART. SEE CODES FOR EXCEPTIONS.

LIGHTING NOTE:

NO LIGHTING ALLOWED WITHIN 8 VERTICAL FEET ABOVE TUB. NO LIGHTING ALLOWED WITHIN 2 FEET OF THE PERIMETER OF THE TUB.

CARBON MONOXIDE DETECTOR NOTE:

ONE CO DETECTOR LOCATED OUTSIDE OF EACH SLEEPING UNIT OR BEDROOM. ONE CO DETECTOR LOCATED OUTSIDE ENTRY TO GARAGE. ONE CO DETECTOR LOCATED IN ANY ROOM ABOVE THE GARAGE.

SMOKE ALARM NOTE:

ALL SMOKE ALARMS SHOWN ARE DUAL TECHNOLOGY (BOTH IONIZATION and PHOTOELECTRIC). ONE SMOKE ALARM WITHIN 10 FEET OF FIXED COOKING APPLIANCE (ALARM LISTED FOR CLOSE PROXIMITY TO COOKING) OR... ONE SMOKE ALARM WITHIN 20 FEET OF FIXED COOKING APPLIANCE (WITH ALARM SILENCING MEANS OR PHOTOELECTRIC TECHNOLOGY ONLY). ANY SECOND FLOOR ALARM MUST INCLUDE PHOTOELECTRIC TECHNOLOGY. BOTH FIRST AND SECOND FLOORS MUST INCLUDE BOTH TECHNOLOGIES (PHOTOELECTRIC and IONIZATION). COMBINATION OR SEPARATE TECHNOLOGIES MAY BE USED. UNLESS FINISHES ARE REQUIRED TO BE REMOVED, ALL ALARMS MUST BE INTER-CONNECTED SUCH THAT ONE ACTUATION ALARMS/ACTIVATES ALL OTHERS. UNLESS FINISHES ARE REQUIRED TO BE REMOVED, ALL ALARMS MUST BE POWERED BY BUILDING POWER (AND HAVE BATTERY BACK-UP).

ARC-FAULT / CIRCUITING NOTE:

ALL 120-VOLT SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN, BEDROOMS, SUN ROOMS, RECREATIONAL ROOMS, CLOSETS, HALLWAYS, LAUNDRY ROOMS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY ANY OF THE MEANS DESCRIBED IN 210.12(A)(1) THROUGH (6):
 (1) A LISTED COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTER, INSTALLED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
 (2) A LISTED BRANCH/FEEDER-TYPE AFCI INSTALLED AT THE ORIGIN OF THE BRANCH-CIRCUIT IN COMBINATION WITH A LISTED OUTLET BRANCH-CIRCUIT TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED AT THE FIRST OUTLET BOX ON THE BRANCH CIRCUIT. THE FIRST OUTLET BOX IN THE BRANCH CIRCUIT SHALL BE MARKED TO INDICATE THAT IT IS THE FIRST OUTLET OF THE CIRCUIT.
 (3) A LISTED SUPPLEMENTAL ARC PROTECTION CIRCUIT BREAKER INSTALLED AT THE ORIGIN OF THE BRANCH CIRCUIT IN COMBINATION WITH A LISTED OUTLET BRANCH-CIRCUIT TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED AT THE FIRST OUTLET BOX ON THE BRANCH CIRCUIT WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:
 A. THE BRANCH-CIRCUIT WIRING SHALL BE CONTINUOUS FROM THE BRANCH-CIRCUIT OVERCURRENT DEVICE TO THE OUTLET BRANCH-CIRCUIT ARC-FAULT CIRCUIT INTERRUPTER.
 B. THE MAXIMUM LENGTH OF THE BRANCH-CIRCUIT WIRING FROM THE BRANCH-CIRCUIT OVERCURRENT DEVICE TO THE FIRST OUTLET SHALL NOT EXCEED 15.2 M (50 FT.) FOR A 14 AWG CONDUCTOR OR 21.3 M (70 FT.) FOR A 12 AWG CONDUCTOR.
 C. THE FIRST OUTLET BOX IN THE BRANCH CIRCUIT SHALL BE MARKED TO INDICATE THAT IT IS THE FIRST OUTLET OF THE CIRCUIT.
 (4) A LISTED OUTLET BRANCH-CIRCUIT TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED AT THE FIRST OUTLET ON THE BRANCH CIRCUIT IN COMBINATION WITH A LISTED BRANCH-CIRCUIT OVERCURRENT PROTECTIVE DEVICE WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:
 A. THE BRANCH-CIRCUIT WIRING SHALL BE CONTINUOUS FROM THE BRANCH-CIRCUIT OVERCURRENT DEVICE TO THE OUTLET BRANCH-CIRCUIT ARC-FAULT CIRCUIT INTERRUPTER.
 B. THE MAXIMUM LENGTH OF THE BRANCH-CIRCUIT WIRING FROM THE BRANCH-CIRCUIT OVERCURRENT DEVICE TO THE FIRST OUTLET SHALL NOT EXCEED 15.2 M (50 FT.) FOR A 14 AWG CONDUCTOR OR 21.3 M (70 FT.) FOR A 12 AWG CONDUCTOR.
 C. THE FIRST OUTLET BOX IN THE BRANCH CIRCUIT SHALL BE MARKED TO INDICATE THAT IT IS THE FIRST OUTLET OF THE CIRCUIT.
 D. THE OVERCURRENT DEVICE AND OUTLET COMBINATION OF THE BRANCH-CIRCUIT BRANCH-CIRCUIT AFCI SHALL BE IDENTIFIED AS MEETING THE REQUIREMENTS FOR A SYSTEM COMBINATION-TYPE AFCI AND SHALL BE LISTED AS SUCH.

ELECTRICAL NOTE:

ALL OUTLETS (OTHER THAN GFCI) WILL BE ARC-FAULT PROOF. ALL OUTLETS (OTHER THAN GFCI) WILL BE TAMPER PROOF. ALL LIGHTING IS LED OR COMPACT FLUORESCENT.

ELECTRICAL NOTE:

PROVIDE CONVENIENCE OUTLET ADJACENT TO ELECTRICAL PANEL. PROVIDE CONVENIENCE GFCI OUTLET (IN WATER PROOF BOX) ADJACENT TO AIR CONDITIONER CONDENSER.

LIGHTING CIRCUIT NOTE:

LIGHTING CIRCUIT TYPICAL (1) PER CODE 15 AMP CIRCUIT. LIGHTING ON THIS PROJECT NOT TO EXCEED 1650w. TOTAL WATTAGE. TYPICAL LIGHTING WIRING TO MEET LOCAL AND NATIONAL ELECTRICAL CODES. MINIMUM WIRING FOR LIGHTING CIRCUIT TO BE 14/3 GROUNDED CIRCUIT.

POWER CIRCUIT NOTE:

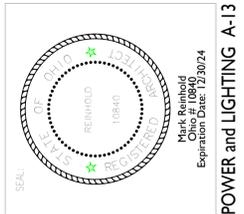
POWER CIRCUITS TYPICAL PER CODE 20 AMP CIRCUIT ON THIS PROJECT NOT TO EXCEED 8 NEW DUPLEX OUTLETS. TYPICAL POWER WIRING TO MEET LOCAL AND NATIONAL ELECTRICAL CODES. MINIMUM WIRING FOR POWER CIRCUIT TO BE 12/3 GROUNDED CIRCUIT. NEW PANEL AND ELEC. PERMIT BY ELECTRICAL CONTRACTOR.

KITCHEN CIRCUIT NOTE:

DIVIDE KITCHEN CIRCUITING INTO TWO DIFFERENT CIRCUITS.

BATHROOM LIGHTING NOTE:

BATHROOM LIGHTING TO BE APPROVED FOR DAMP LOCATIONS. BATHROOM SHOWER LIGHTING APPROVED FOR WET LOCATIONS. BATHROOM FANS DUCTED TO THE EXTERIOR.



SCALISH CONSTRUCTION
03-31-2024
PERMITTING

MARK REINHOLD architect 1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

BEBOS RESIDENCE

19474 BEACHCLIFF, ROCKY RIVER, OHIO 44116

POWER and LIGHTING A-13

