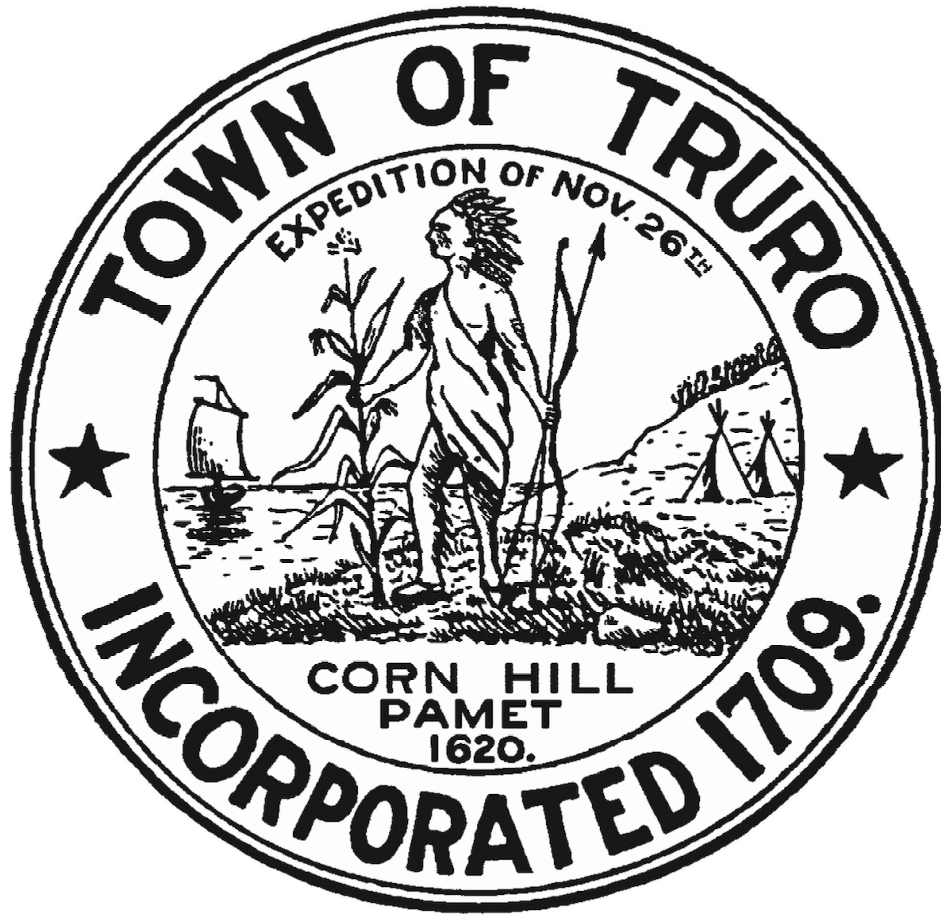


# TOWN OF TRURO, MA

## COTTAGE RELOCATION AND UPGRADE

### 13 WALSH WAY, TRURO - MA 02655



TOWN OF TRURO - PROJECT SITES

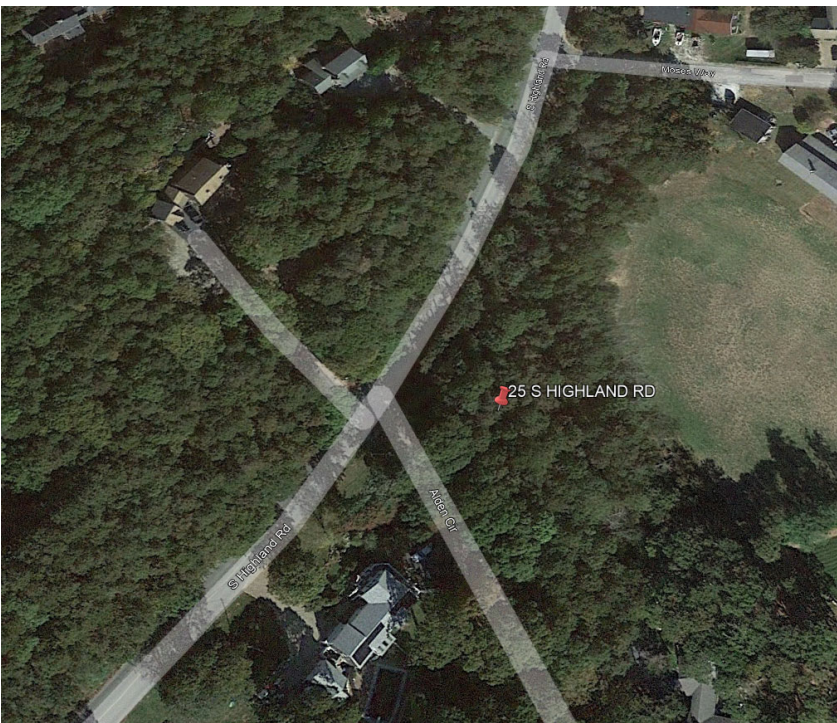
Location Map



13 WALSH WAY COTTAGE TO BE RELOCATED



127 S PAMET RD COTTAGE TO BE RELOCATED



PROJECT SITE - 25 S HIGHLAND RD

DRAWING LIST	
GENERAL	
G000	TITLE SHEET
G100	CODE SUMMARY
G101	13 WALSH WAY - CODE SUMMARY
G102	127 S PAMET RD - CODE SUMMARY
ARCHITECTURAL	
AD101	13 WALSH WAY - DEMOLITION FLOOR PLANS
AD102	127 S PAMET - DEMOLITION FLOOR PLANS
ARCHITECTURAL	
A011	ABBREVIATIONS, SYMBOLS, LEGEND AND GENERAL NOTES
A101	13 WALSH WAY - OVERALL FLOOR, RCP, ROOF PLANS
A102	127 S PAMET RD - OVERALL FLOOR, RCP, ROOF PLANS
A201	13 WALSH WAY - OVERALL ELEVATIONS
A202	127 S PAMET RD - OVERALL ELEVATIONS
A231	3D VIEWS
A301	13 WALSH WAY - BUILDING, WALL AND DETAIL SECTIONS
A302	127 S PAMET RD - BUILDING, WALL AND DETAIL SECTIONS
A801	DOOR SCHEDULE
A811	DOOR AND FRAME TYPES

Issue Date: 07/11/2023

Issued For: PROJECT STATUS



Weston & Sampson Engineers, Inc.  
100 Foxborough Boulevard, Suite 250  
Foxborough, MA 02035  
978.532.1900 800.SAMPSON

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SYMBOLS:	
	EXTERIOR ELEVATION
	INTERIOR ELEVATION
	BUILDING SECTION
	WALL SECTION
	DETAIL
	PARTITION TYPE
	EXTERIOR WALL ASSEMBLY
	DOOR TYPE or VISION PANEL (VP)
	WINDOW TYPE
	ROOF TYPE
	SPECIFIC DEMOLITION NOTE
	SPECIFIC CONSTRUCTION NOTE
	CHANGE IN PLANE
	LEADER
	DIMENSION
	CHANGE IN ELEVATION
	CONTROL JOINT
	ELEVATION or WORK POINT (WP)
	COLUMN GRID
	EXISTING COLUMN GRID
	ALIGN SURFACES
	REVISION MARKER
	RIGID/SEMI-RIGID INSULATION
	CONCRETE
	SAND / P.C. CONCRETE
	PARTICLE BOARD/MDF
	PLYWOOD/MDO
	FINISH WOOD
	ALUMINUM
	STEEL
	PVC
	FIBER CEMENT
	CONCRETE MASONRY UNIT
	BRICK
	MORTAR
	GROUT
	TERRA COTTA
	EARTH
	GRAVEL
	SPRAY FOAM
	INSULATED METAL PANELS
	WOOD STUDS/FRAMING (DIMENSIONAL LUMBER)
	WOOD BLOCKING
	BATT INSULATION / SOUND ATTENUATION BLANKET
	MATCHLINE
<b>ADMINISTRATION</b>	ROOM TAG
<b>1 View Name</b> 1/8" = 1'-0"	<b>DRAWING TITLE</b> (ORIGINAL TAG REFERENCE LOCATED NEXT TO SCALE)





SPECIFIC DEMOLITION NOTES:

- 1

REMOVE & DISPOSE OF EXISTING MEMBRANE ROOF ASSEMBLY. EXISTING RIGID INSULATION, AND COVER BOARD DOWN TO EXISTING DECKING. DECKING MATERIAL VARIES. COORDINATE DECKING MATERIAL WITH INDIVIDUAL DRAWINGS.
- 2

REMOVE AND DISPOSE OF BRICK VENEER AND INSULATION
- 3

REMOVE AND DISPOSE OF TRANSLUCENT PANELS
- 4

REMOVE AND DISPOSE OF WINDOW AND FRAME
- 5

REMOVE AND DISPOSE OF DOOR AND FRAME
- 6

REMOVE AND DISPOSE OF METAL WALL PANEL ASSEMBLY
- 7

REMOVE AND DISPOSE OF CMU BLOCK
- 8

REMOVE AND DISPOSE OF INTERIOR PARTITIONS

GENERAL NOTES:

- DEMOLISH ALL:
- MECHANICAL EQUIPMENT
  - ELECTRICAL FIXTURES, CONDUITS, WIRING, ETC...
  - PLUMBING FIXTURES, PANELS, PIPING, ETC...
  - FIRE SUPPRESSION SYSTEMS, PIPING, CONTROLS, ETC...
  - EXTERIOR ELECTRICAL EQUIPMENT INCLUDING TRANSFORMERS, PANELS, CONDUITS, WIRING, LIGHTING, ETC...
  - EXTERIOR DRAINAGE STRUCTURES, ETC....
  - CUT & CAP ALL UTILITIES

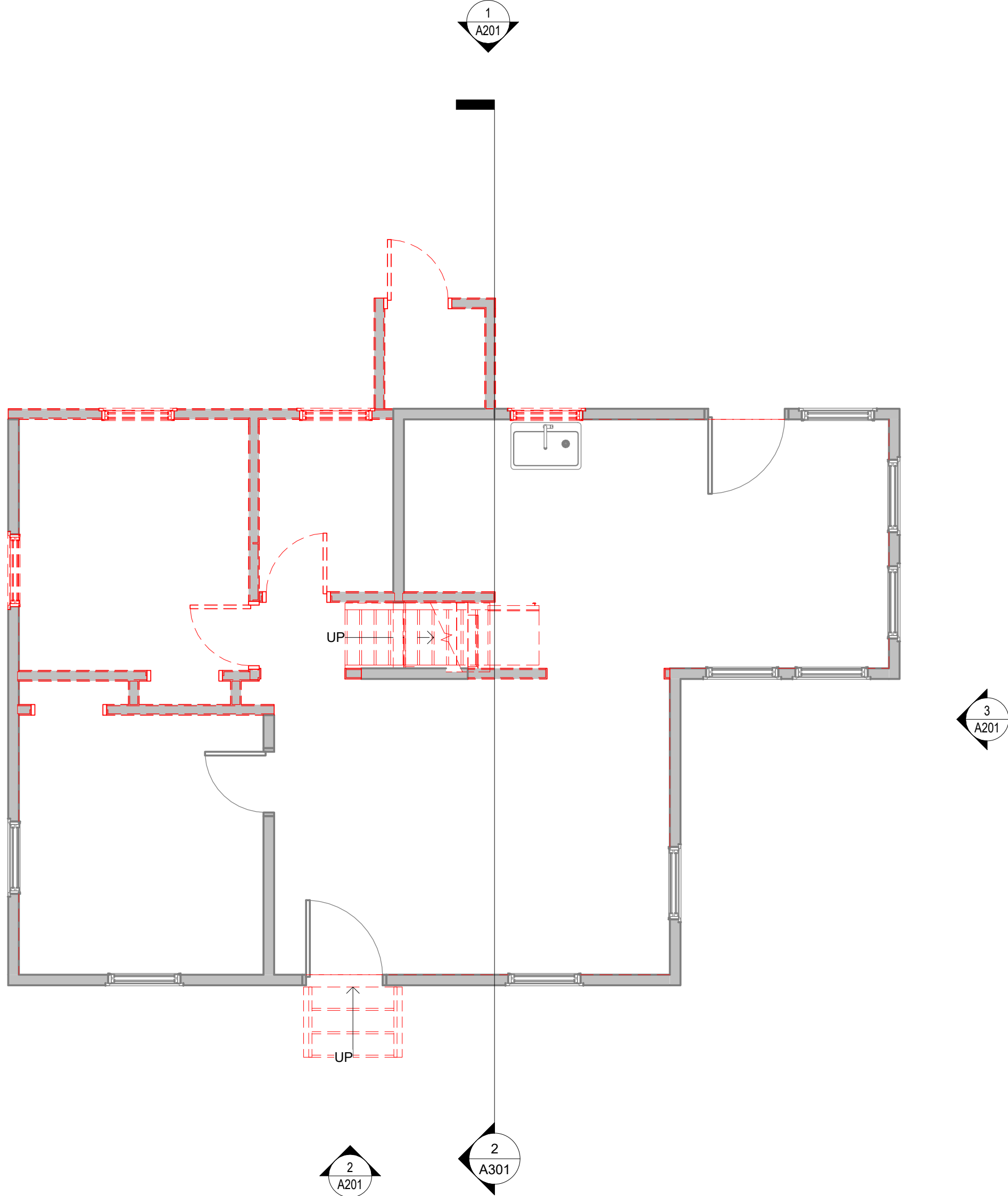
PLAN LEGEND:

- APPROXIMATE OUTLINE OF STRUCTRE / BUILDING TO BE DEMOLISHED  
- CONTRACTOR TO V.I.F. EXACT DIMENSIONS IN FIELD
- F

APPROXIMATE LOCATION AND EXTENTS OF PHOTOGRAPH

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL VISIT THE SITE TO VERIFY AND BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR SHALL IDENTIFY ALL EXISTING ITEMS OF WORK SCHEDULED TO REMAIN OR SALVAGED FOR REUSE.
2. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED DEMOLITION PERMITS. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS.
3. COORDINATE ALL DEMOLITION OPERATIONS WITH OWNER FOR SHUTDOWN PERIODS AND SEQUENCE OF WORK. ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUTOFFS BEFORE BEGINNING DEMOLITION OPERATIONS. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE, ISOLATE AND WEATHERPROOF AREAS OF WORK AND EXISTING AREAS AND ELEMENTS TO REMAIN. THE CONTRACTOR SHALL PERFORM THE WORK OF THIS CONTRACT IN A MANNER THAT CAUSES NO DISRUPTION TO THE CONTINUOUS OCCUPATION OF THE BUILDING AND SITE FOR THEIR INTENDED PURPOSE.
4. REMOVE ALL DEMOLISHED MATERIALS IN ACCORDANCE WITH LOCAL REGULATIONS.
5. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. PLUMBING, ELECTRICAL AND OTHER WORK RELATED TO A WALL, OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER NOTED OR NOT.
6. THE EXTENT OF ALL SPECIFIC DEMOLITION WORK SHALL BE COORDINATED WITH CONTRACT DOCUMENTS.
7. CONTRACTOR TO PATCH/REPAIR/REFINISH, AS REQUIRED, ALL SURFACES EXPOSED BY DEMOLITION WORK WITH MATERIALS AND METHODS TO MATCH FINISH AND MAKE FLUSH WITH EXISTING ADJACENT SURFACES. WORK SHALL INCLUDE ALL LABOR AND MATERIALS ON ALL SURFACES REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
8. TERMINATE, CAP, AND REMOVE ALL ABANDONED ELECTRICAL, PLUMBING, MECHANICAL AND FIRE PROTECTION ITEMS BACK TO ITS SOURCE. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
9. WHERE EXISTING FINISHES ARE INDICATED TO REMAIN AS BASE MATERIAL SURFACES FOR INSTALLATION OF NEW FINISHES, REMOVE ALL PROJECTIONS AND VOIDS AND SECURE OR REMOVE AND REPLACE ANY EXISTING LOOSE OR OTHERWISE UNSUITABLE SUBSTRATE MATERIAL.
10. REFER TO VARIOUS DISCIPLINE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
11. CONTRACTOR TO PROTECT ALL ITEMS TO REMAIN DURING DEMOLITION. ALL ITEMS DAMAGED DURING DEMOLITION ARE TO BE REPLACED AT NO EXPENSE TO THE OWNER.
12. CONTRACTOR IS RESPONSIBLE FOR MEANS & METHODS IN A SAFE MANNER FOR ALL DEMOLITION WORK.
13. ASBESTOS CONTAINING MATERIALS ARE PRESENT AND ARE TO BE DEMOLISHED UNDER THIS PROJECT. REFER TO SPECIFICATION, DIV 2, FOR HAZARDOUS MATERIALS AND QUANTITIES.
14. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL WALK THE SITE WITH THE ARCHITECT TO GAIN A THOROUGH UNDERSTANDING OF THE PROJECT, INCLUDING ANY SPECIAL CONDITIONS AND CONSTRAINTS.
15. SITE PREPARATION AND DEMOLITION SHALL INCLUDE THOSE AREAS WITHIN THE LIMIT OF WORK LINE AS SHOWN ON THIS CONTRACT.
16. THE CONTRACTOR SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 82, SECTION 40A, AS AMENDED, WHICH STATES THAT NO ONE MAY EXCAVATE IN THE COMMONWEALTH OF MASSACHUSETTS EXCEPT IN AN EMERGENCY WITHOUT 72 HOURS NOTICE, EXCLUSIVE OF SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, TO NATURAL GAS PIPELINE COMPANIES, AND MUNICIPAL UTILITY DEPARTMENTS THAT SUPPLY GAS, ELECTRICITY, TELEPHONE, OR CABLE TELEVISION SERVICE IN OR TO THE CITY OR TOWN WHERE THE EXCAVATION IS TO BE MADE. THE CONTRACTOR SHALL CALL "DIG SAFE" AT 1-888-DIG-SAFE.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL CONDITIONS IN THE FIELD AND REPORT DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER OR OWNERS REPRESENTATION IMMEDIATELY.
18. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON CIVIL PLANS AND SHALL CONTACT THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
19. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES.
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22. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
23. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING DEMOLITION. CONTRACTOR SHALL PERFORM HAZARDOUS BUILDING MATERIALS ABATEMENT AS REQUIRED BY THE SPECIFICATIONS PRIOR TO THE START OF ANY DEMOLITION.
24. CONTRACTOR SHALL SUPPLY AND MAINTAIN FOR THE DURATION OF DEMOLITION ALL NECESSARY DEVICES FOR EROSION, SEDIMENTATION AND DUST CONTROL, ETC.
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1 FIRST FLOOR DEMOLITION PLAN  
1/4" = 1'-0" 1/ A201

Project:  
COTTAGE RELOCATION AND UPGRADE  
13 WALSH WAY, TRURO - MA 02655



TOWN OF TRURO, MA

Weston & Sampson

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55 Walkers Brook Drive, Suite 100  
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Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:

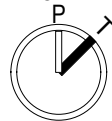
PROJECT STATUS

Scale: ~~NOT~~ Indicated

Key Plan:

TO CREATE KEYPLAN, EDIT THE  
KEYPLAN FAMILY WITHIN THE  
TITLEBLOCK FAMILY AND INSERT CAD  
TO TRACE OVER.

NORTH



Date: 07/11/2023

Drawn By: FS

Reviewed By: MP

Approved By: JRC

W&S Project No.: ENG00-00000

W&S File No.: XXX

Drawing Title:

13 WALSH WAY -  
DEMOLITION FLOOR  
PLANS

Sheet Number:

AD101

0' 4' 8' 16'  
SCALE: 1/8" = 1'-0"



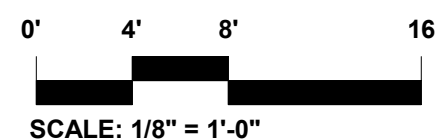
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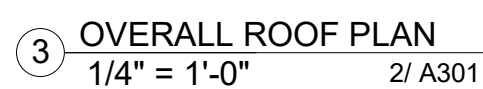
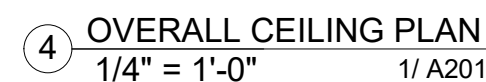
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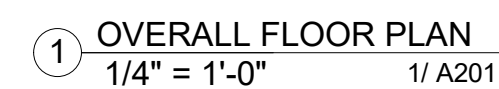


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1 OVERALL FLOOR PLAN  
1/4" = 1'-0" 1/ A201



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Revisions:

COA:

Seal:

Issued For:

Scale: As indicated

**Key Plan:**

Date: 07/11/2023

Drawn By: FS

Reviewed By: MP

Approved By: JRC

W&amp;S Project No. : ENG00-00000

W&amp;S File No.: XXX

Drawing Title:

13 WALSH WAY -  
OVERALL FLOOR,  
RCP, ROOF PLANS

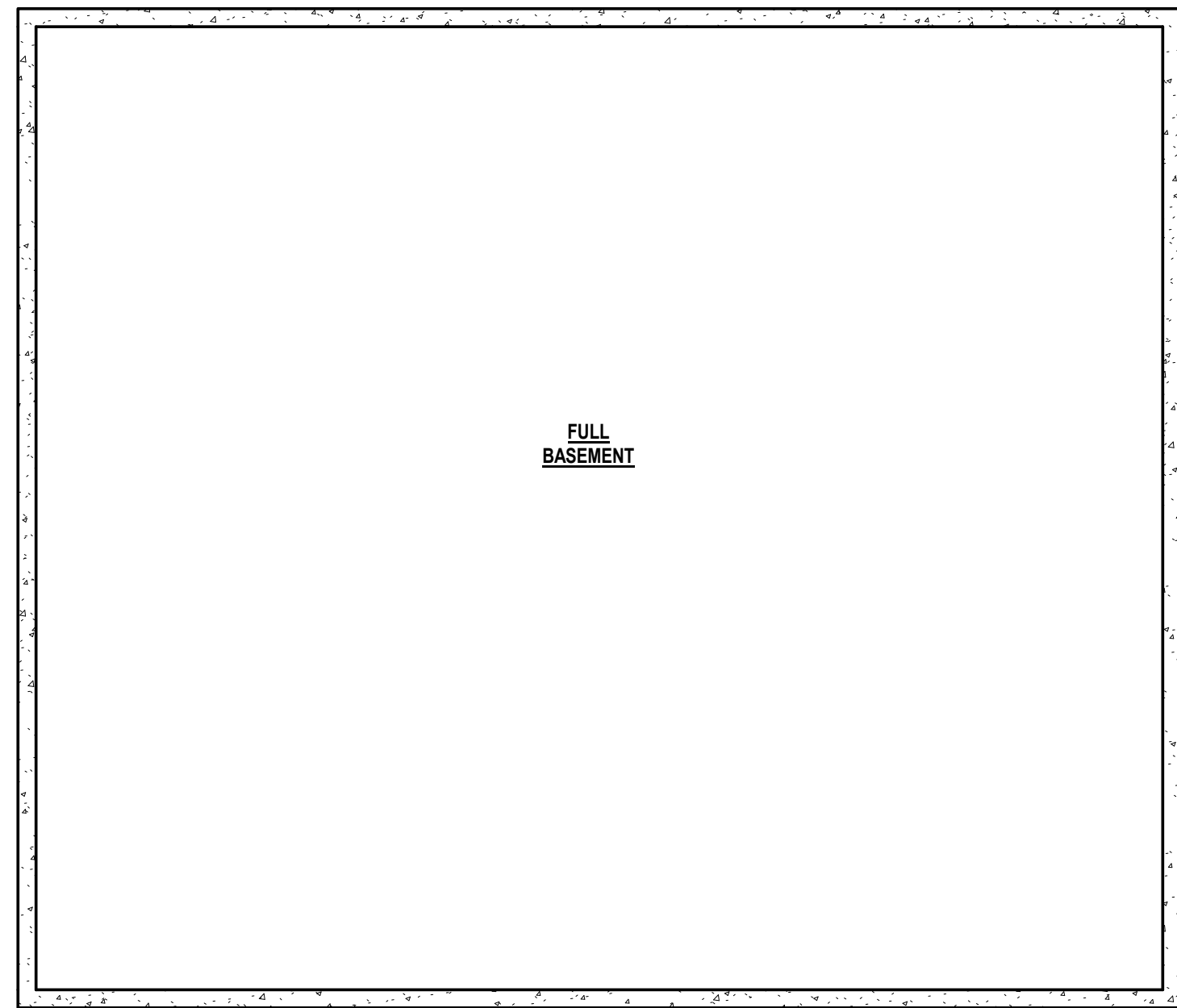
Sheet Number:

A101



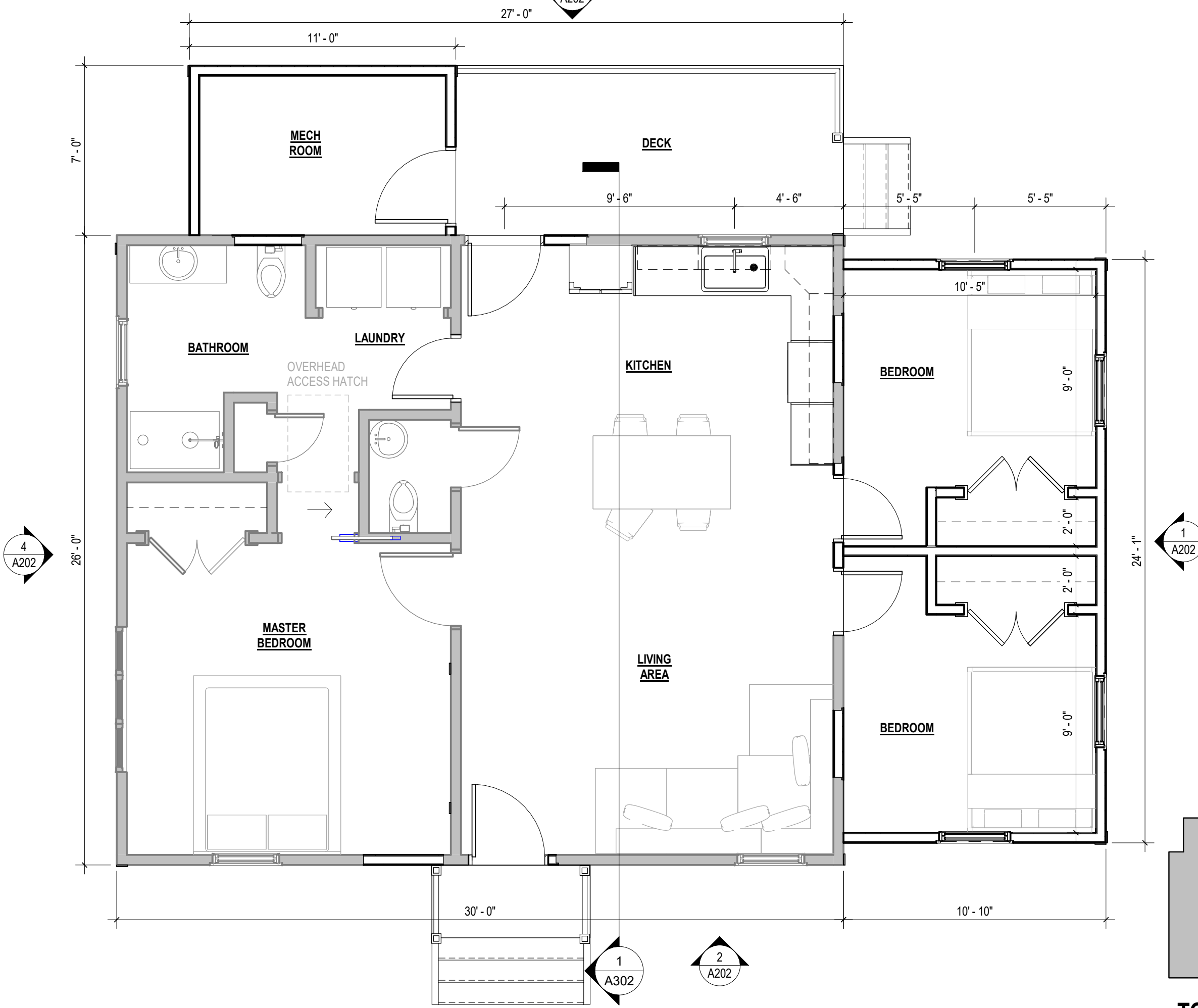
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③ SECOND FLOOR PLAN  
1/4" = 1'-0"






② BASEMENT  
1/4" = 1'-0"

④ FIRST FLOOR RCP  
1/4" = 1'-0"



① NEW OVERALL FLOOR PLAN  
1/4" = 1'-0"

## FLOOR PLAN GENERAL NOTES:

- EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE EQ DRAWINGS FOR MORE INFO.
- FURNITURE SHOWN FOR INFORMATION ONLY (N.I.C.). SEE FURNITURE PLAN A921 FOR MORE INFO.
- F.E. = FIRE EXTINGUISHER.  
F.E.C = FIRE EXTINGUISHER CABINET  
 BRACKET MOUNTED  
 CABINET MOUNTED (SEMI-RECESSED)  

- ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF GYPSUM WALL BOARD TO FACE OF GYPSUM WALL BOARD OR FACE OF CMU UNLESS SPECIFICALLY NOTED OTHERWISE.
- SEE SHEET A012 FOR PLUMBING FIXTURE SCHEDULE / MOUNTING HEIGHTS.
- BOLLARDS:
  - EB: EXTERIOR BOLLARD, 6" DIAMETER (SEE CIVIL DWGS)
  - IB: INTERIOR BOLLARD, 6" DIAMETER (SEE DETAIL X / AXXX)
- FUME SEPARATION PARTITION, SEE A031 - FUME SEPARATION ASSEMBLY, TYPE F1 AND F2.
- BOX-OUT DIMENSIONS AT STRUCTURAL COLUMNS ARE APPROXIMATE. GENERAL CONTRACTOR TO INSTALL TIGHT TO STRUCTURE, TYPICAL.
- NOT ALL TV / MONITOR LOCATIONS ARE SHOWN. COORDINATE PROPOSED LOCATIONS WITH ELECTRICAL & TELECOMMUNICATIONS DRAWINGS. PROVIDE BLOCKING AT EACH LOCATION ACCORDINGLY.
- CG CORNER GUARD, SEE A/901

## UNDERSLAB RIGID INSULATION LEGEND:

- a) R-10 RIGID INSULATION  
- STANDARD COMPRESSIVE STRENGTH - 25 PSI  
- 4'-0" HORIZONTAL FROM FOUNDATION WALL INWARDS  
- 2'-0" VERTICAL ON EXTERIOR SIDE OF FOUNDATION WALL
- b) R-10 RIGID INSULATION  
- HIGH COMPRESSIVE STRENGTH - 60 PSI  
- 4'-0" HORIZONTAL FROM FOUNDATION WALL INWARDS  
- 2'-0" VERTICAL ON EXTERIOR SIDE OF FOUNDATION WALL
- c) R-15 RIGID INSULATION  
- HIGH COMPRESSIVE STRENGTH - 60 PSI  
- COMPLETELY UNDER SLAB  
- DOWN TO TOP OF FOOTING ON EXTERIOR SIDE OF FOUNDATION WALL
- REFER TO X & X / AXXX FOR TYPICAL RADIANT HEATED SLAB VAPOR RETARDER DETAILS

## GENERAL ROOF NOTES - MEMBRANES

- CONCEPTUAL TAPERED INSULATION LAYOUT TO PROVIDE MINIMUM INSULATION HEIGHTS AT ROOF TO WALL AND PERIMETER LOCATIONS. SPECIFIC TAPERED LAYOUT TO BE DEVELOPED BY CONTRACTOR IN CONJUNCTION WITH INSULATION SUPPLIER.
- ADJUSTMENTS TO WOOD BLOCKING HEIGHTS AND CONFIGURATIONS OF FLASHINGS TO CONFORM TO TAPERED INSULATION LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ALLOWED TO THE CONTRACTOR IF PROPOSED DETAIL CONFIGURATIONS ARE ALTERED.
- CONTRACTOR TO PERFORM PULL TESTS ON EACH SUBSTRATE PRIOR TO INSTALLING ROOFING MATERIAL / ASSEMBLY.
- CONTRACTOR TO CONFIRM HEIGHT OF ALL WOOD BLOCKING TO ACCOMMODATE THE HEIGHT OF THE ROOF INSULATION.
- CONTRACTOR TO CONDUCT ADHESION TESTING OF ALL SEALANTS.
- CONTRACTOR TO PERFORM WATER TESTS AT ROOF DRAINS AT THE COMPLETION OF ROOF REPLACEMENT.

## ROOF NOTES:

- EXIST RD DENOTES EXISTING ROOF DRAIN TO BE RETROFITTED
- EXIST VS DENOTES EXISTING VENT STACK TO REMAIN
- EXIST HP DENOTES EXIST HIGH POINT OF ROOF
- EXIST LP DENOTES EXIST LOW POINT OF ROOF
- EXIST RTU EXIST ROOF TOP UNIT
- EXIST EF EXIST EXHAUST FAN
- 800 ROOF TYPE AS DETAILED ON DRAWING AXXX
- CRICKET CRICKET SHALL CONSIST OF RIGID INSULATION ALL BUILT ON TOP OF THE MAIN ROOF SYSTEM. TAPERED RIGID INSULATION CRICKET CANNOT BE HIGHER THAN HP OF OVERALL ROOF.

Project:  
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Revisions:

No.	Date	Description

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Seal:

Issued For:

PROJECT STATUS

Scale: ~~Not~~ Indicated

Key Plan:

TO CREATE KEYPLAN, EDIT THE KEYPLAN FAMILY WITHIN THE TITLEBLOCK FAMILY AND INSERT CAD TO TRACE OVER.



Date: 07/11/2023  
Drawn By: FS  
Reviewed By: MP  
Approved By: JRC

W&S Project No.: ENG22-1122  
W&S File No.: XXX

Drawing Title:

127 S PAMENT RD -  
OVERALL FLOOR,  
RCP, ROOF PLANS

Sheet Number:

A102

0' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

TOTAL NEW AREA  
1130 SF



Consultants:

[illegible]

COA:

Seal:

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## PROJECT STATUS

Scale: ~~N.T.S.~~ = 1'-0"

**Key Plan:**

**TO CREATE KEYPLAN, EDIT THE  
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TO TRACE OVER.**



Date: 07/11/2023

Drawn By: FS

Reviewed By: MP

Approved By: JRC

W&amp;S Project No.: ENG00-00000

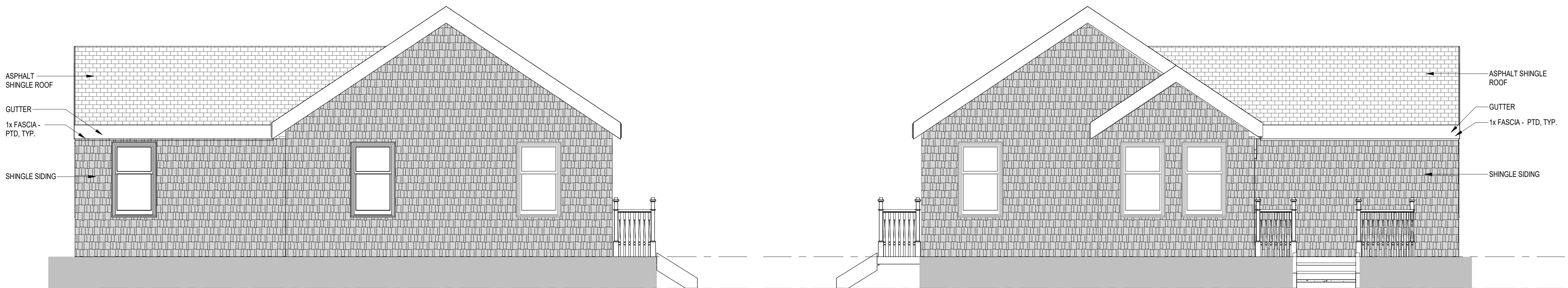
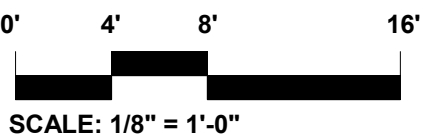
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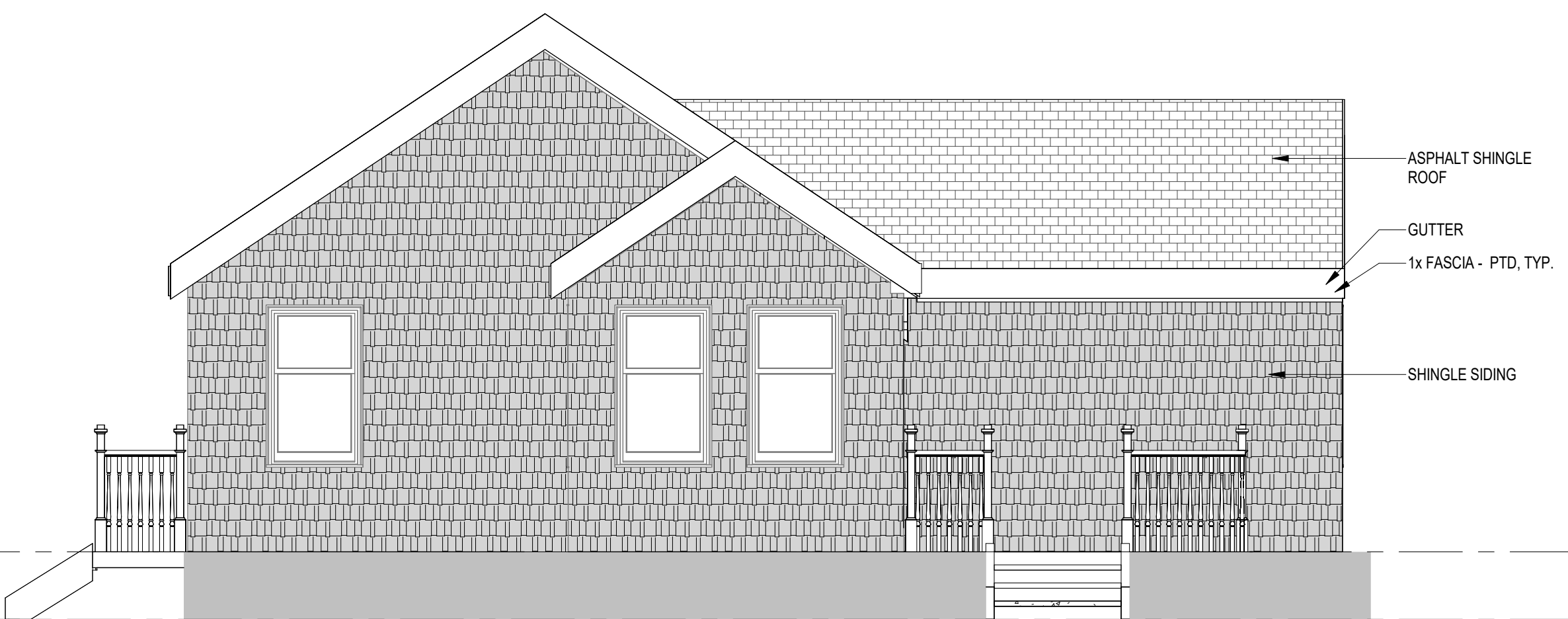
### 3 WALSH WAY - OVERALL ELEVATIONS

Sheet Number:

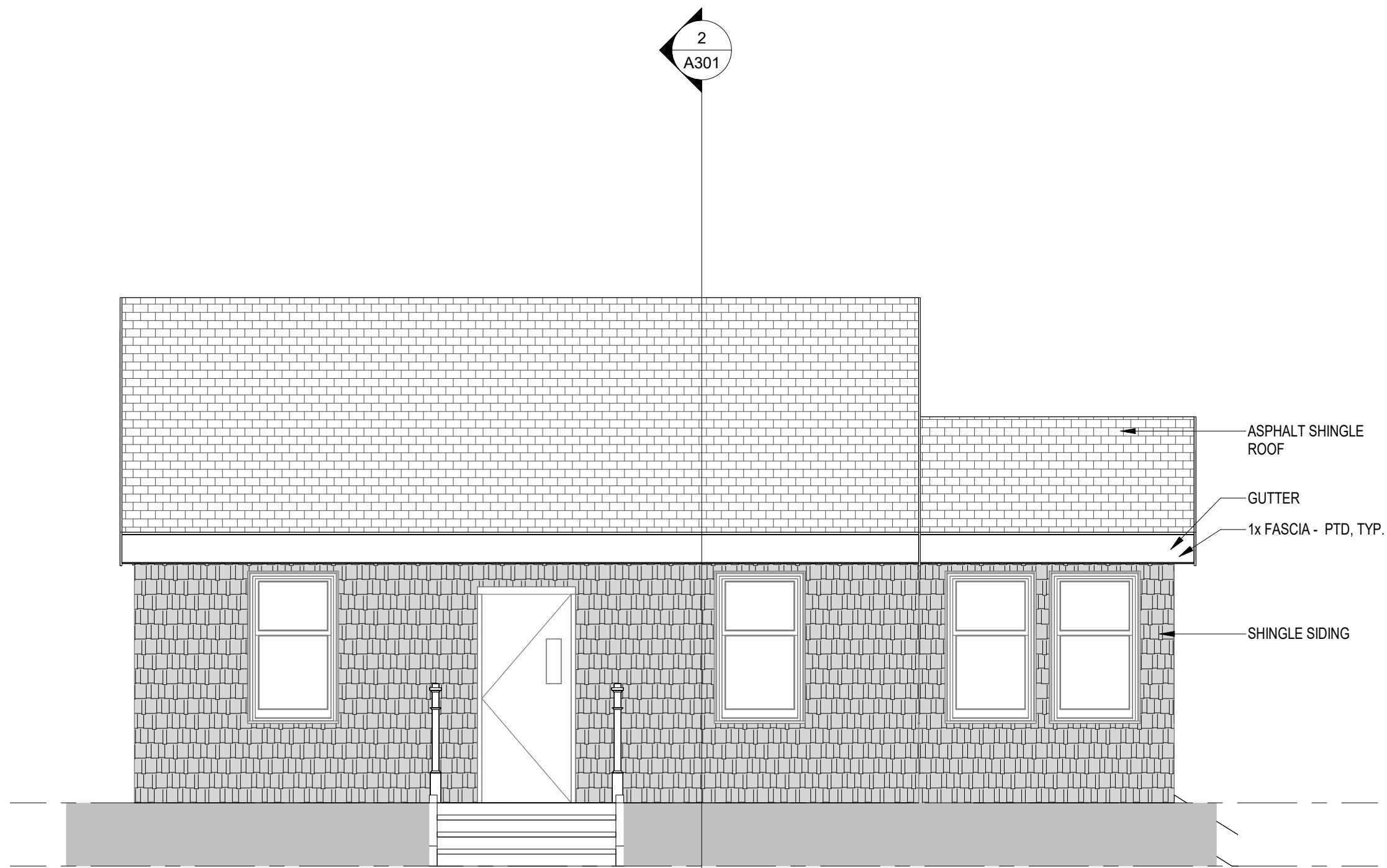
A201



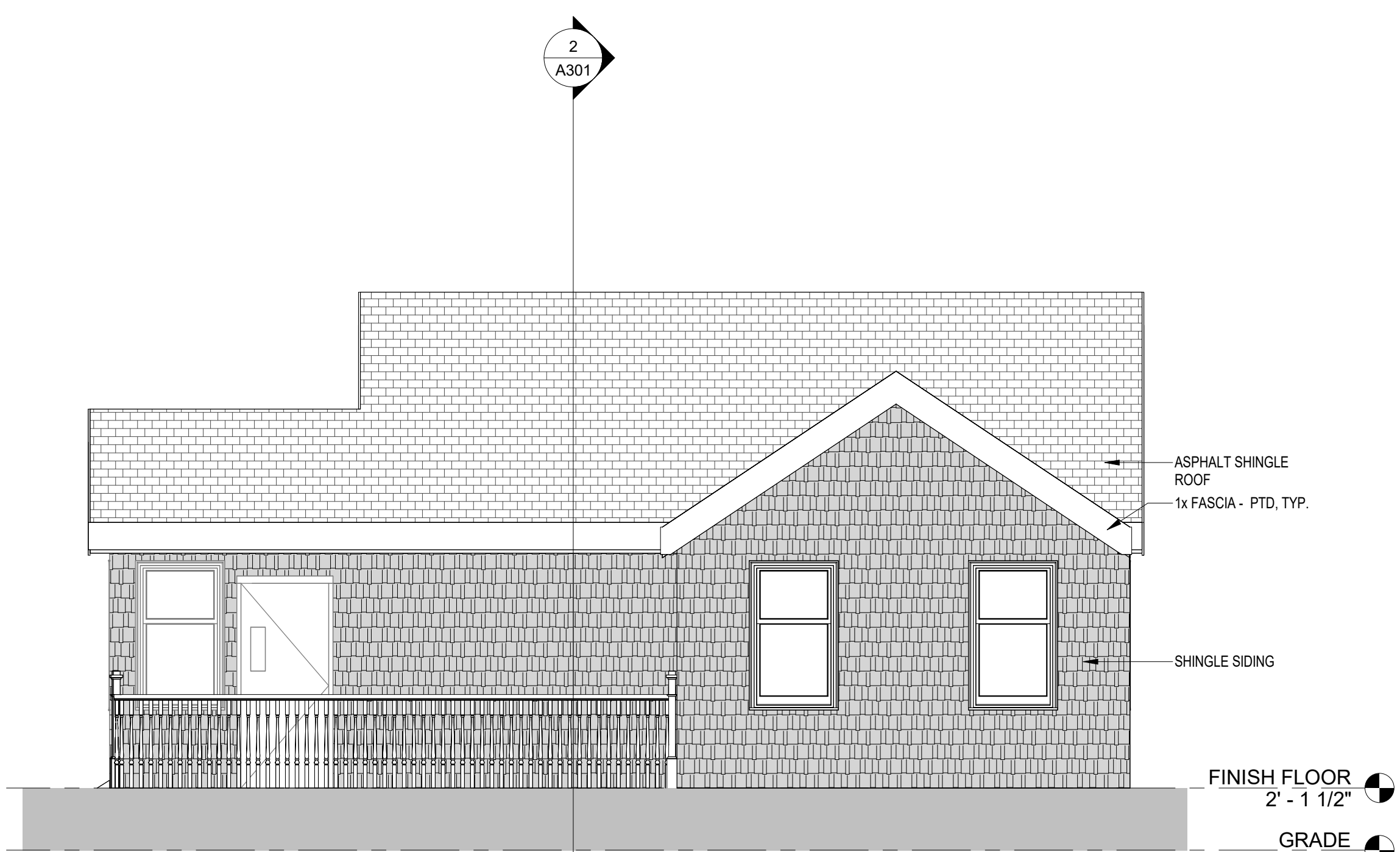
4 WEST EXTERIOR ELEVATION  
1/4" = 1'-0" 1/ A101



③ EAST EXTERIOR ELEVATION  
1/4" = 1'-0" 1/ A101



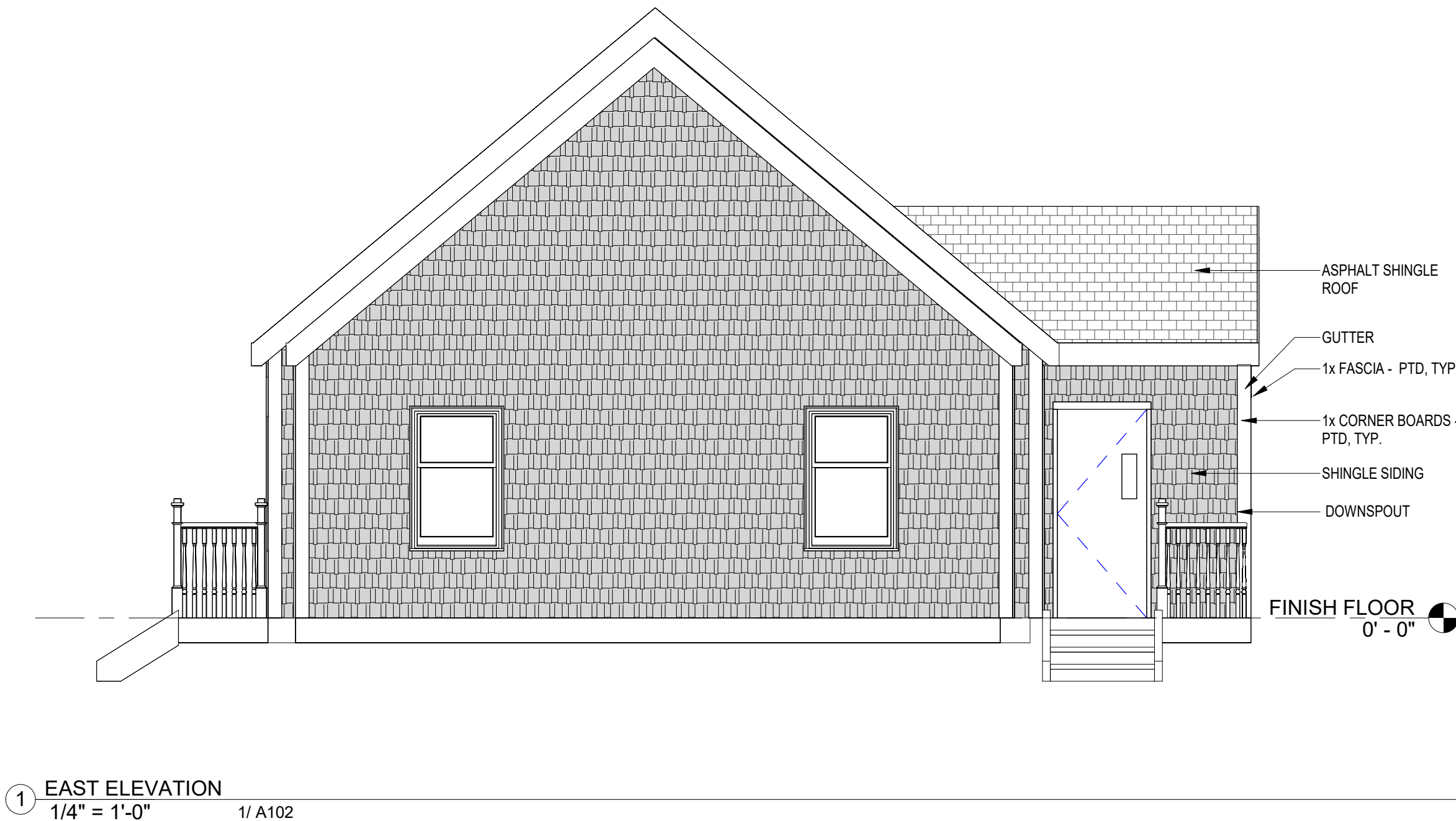
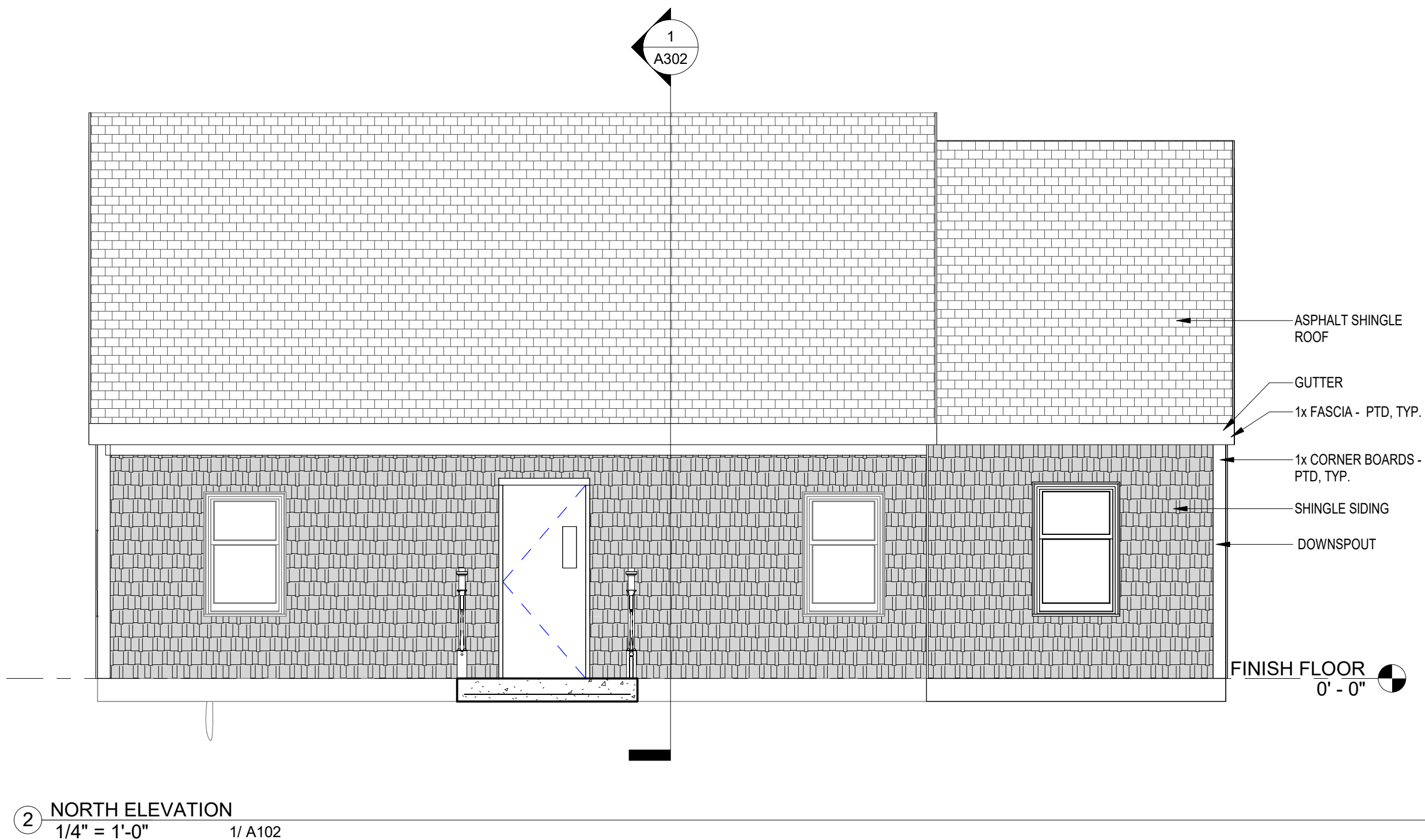
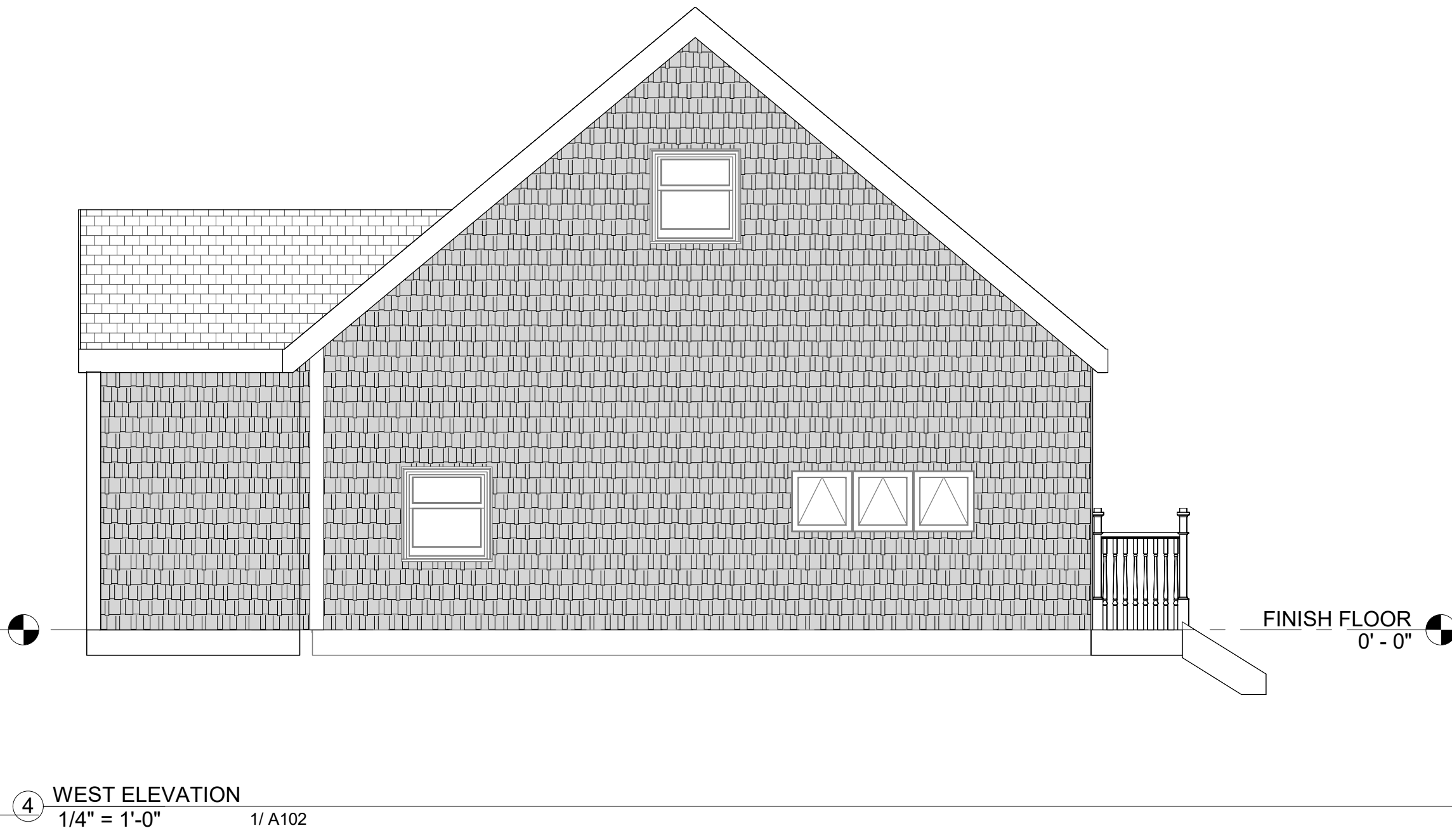
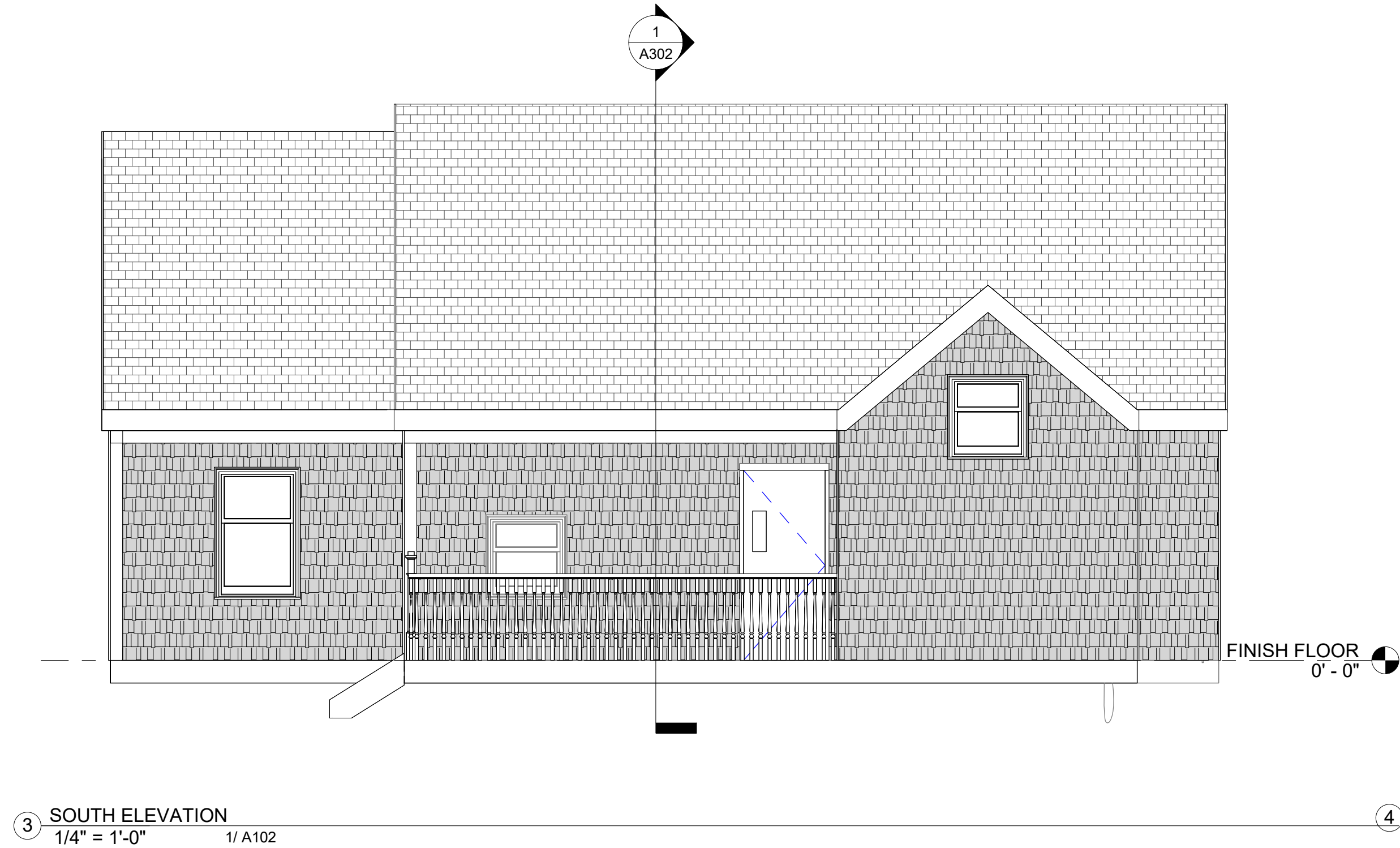
② SOUTH EXTERIOR ELEVATION  
1/4" = 1'-0" 1/ A101



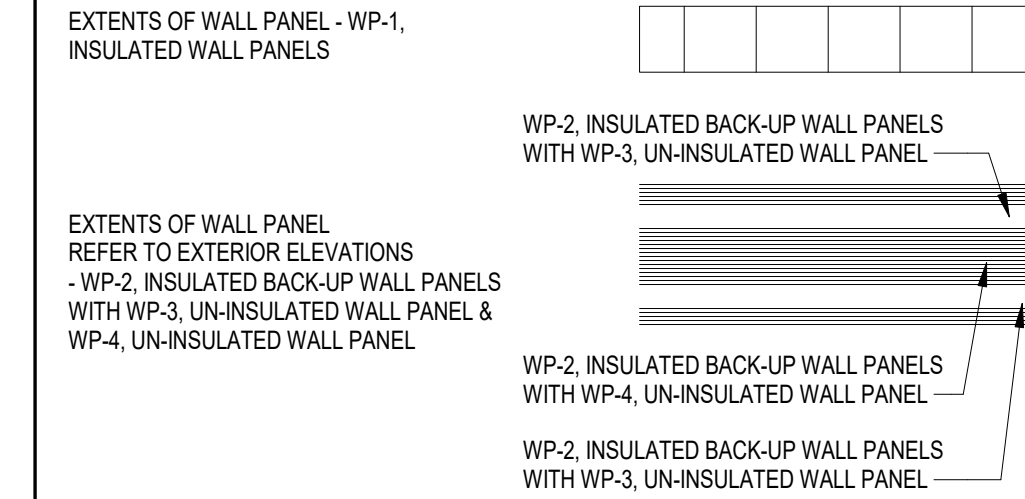
1 NORTH EXTERIOR ELEVATION  
1/4" = 1'-0" 1/ A101



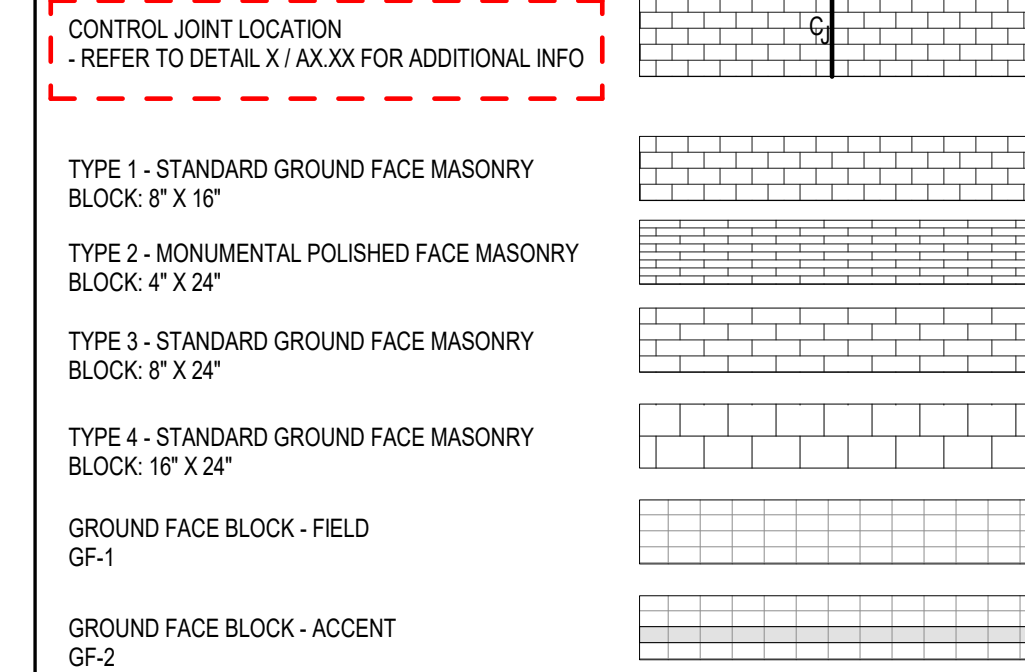
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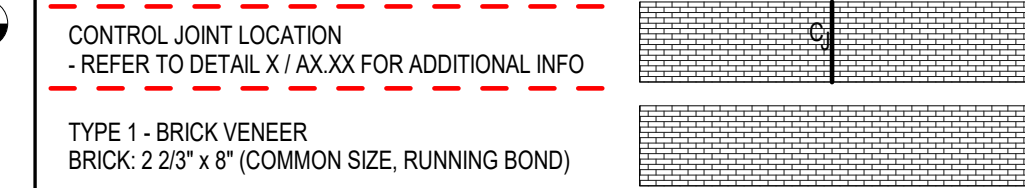
## WALL PANEL TYPES LEGEND:



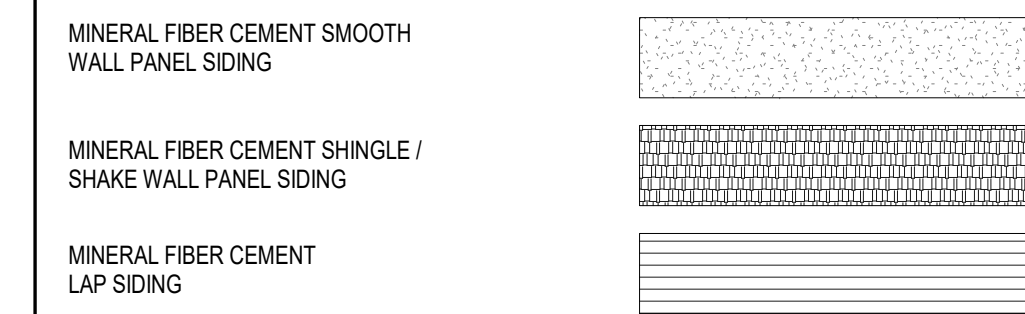
## CMU VENEER LEGEND:



## BRICK VENEER LEGEND:



## MINERAL FIBER CEMENT SIDING LEGEND:



**NOTES:**  
1. COORDINATE OPENINGS NOT SHOWN WITH EQUIPMENT AND MEP/FP DRAWINGS.  
2. FOR MOCK-UP REQUIREMENTS, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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Scale: ~~As Indicated~~

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Approved By: JRC

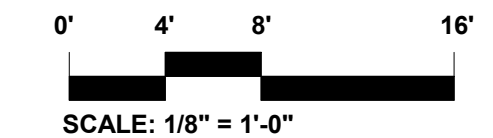
W&S Project No.: ENG22-1122  
W&S File No.: XXX

Drawing Title:

**127 S PAMENT RD -  
OVERALL  
ELEVATIONS**

Sheet Number:

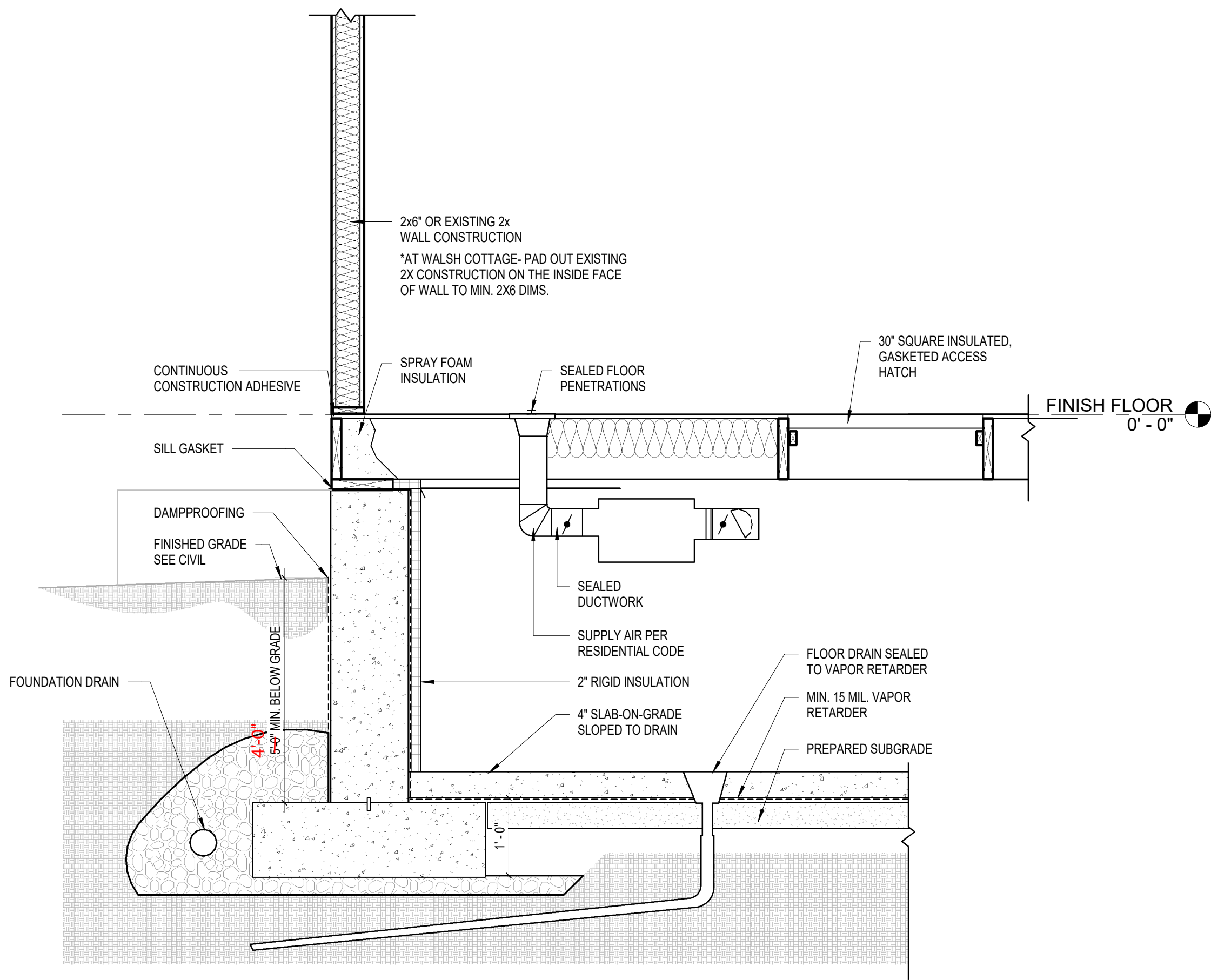
**A202**



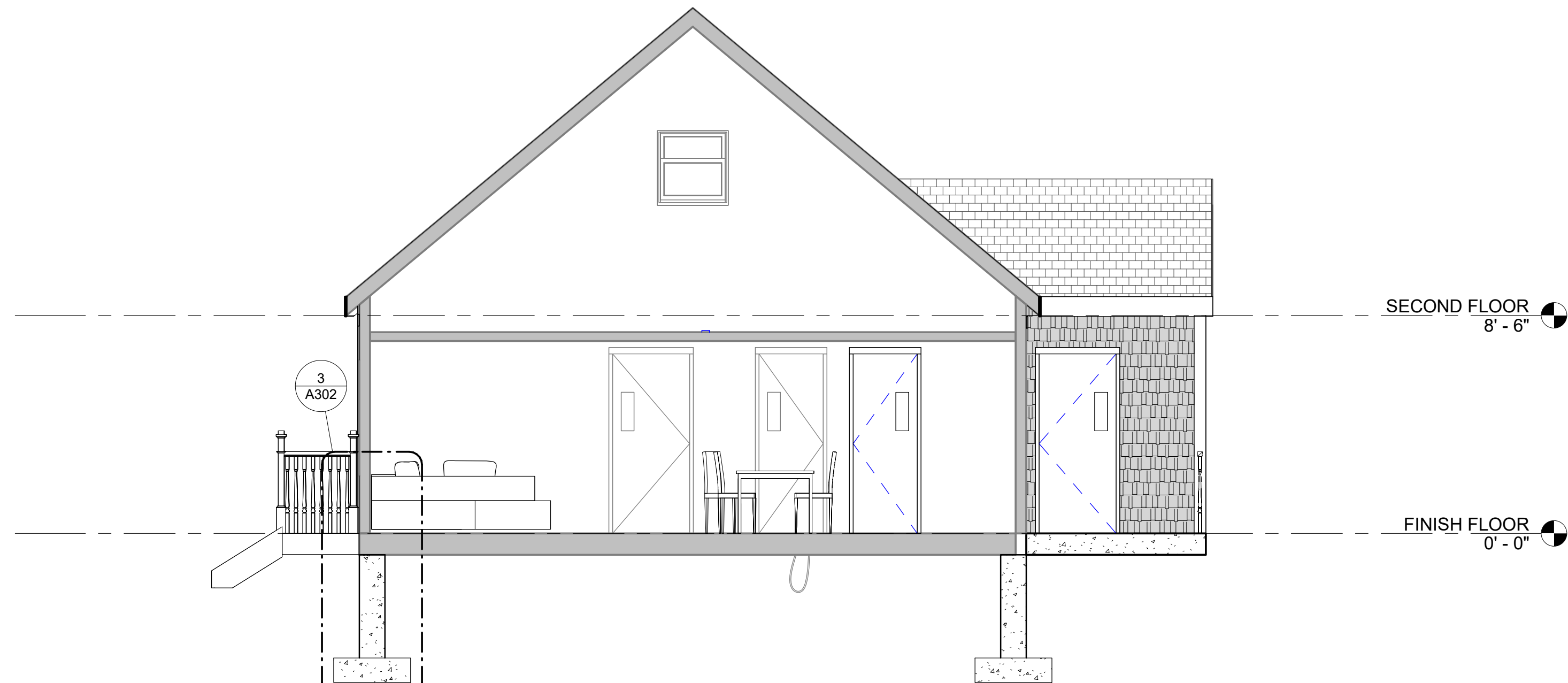
SCALE: 1/8" = 1'-0"



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③ NON-VENTED CRAWL SPACE  
3/4" = 1'-0" 1/ A302



① BUILDING SECTION  
1/4" = 1'-0" 1/ A102

0' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

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Key Plan:  
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Approved By: JRC  
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W&S File No.: XXX

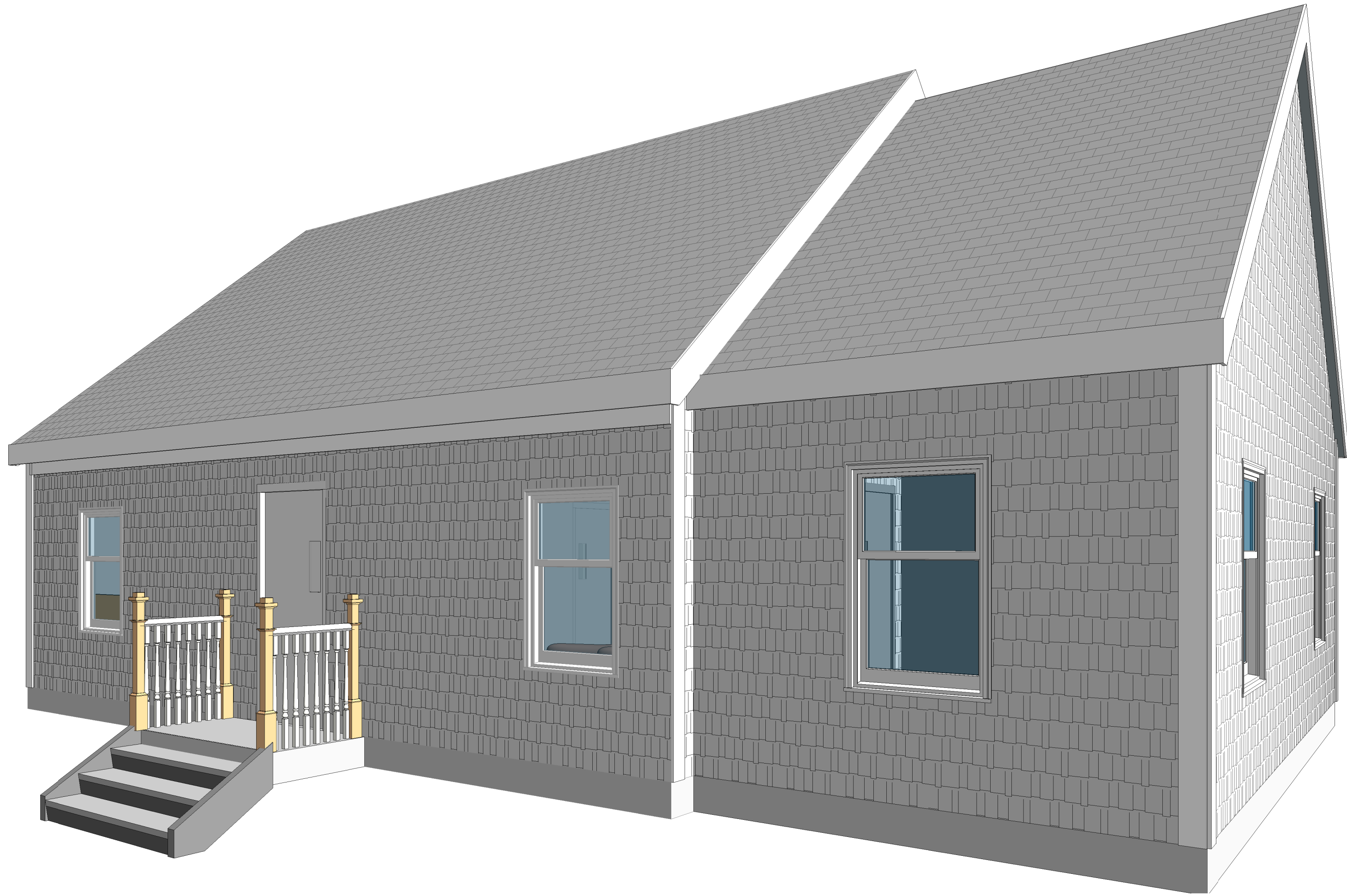
Drawing Title:  
**127 S PAMENT RD -  
BUILDING, WALL  
SECTIONS**

Sheet Number:  
**A302**

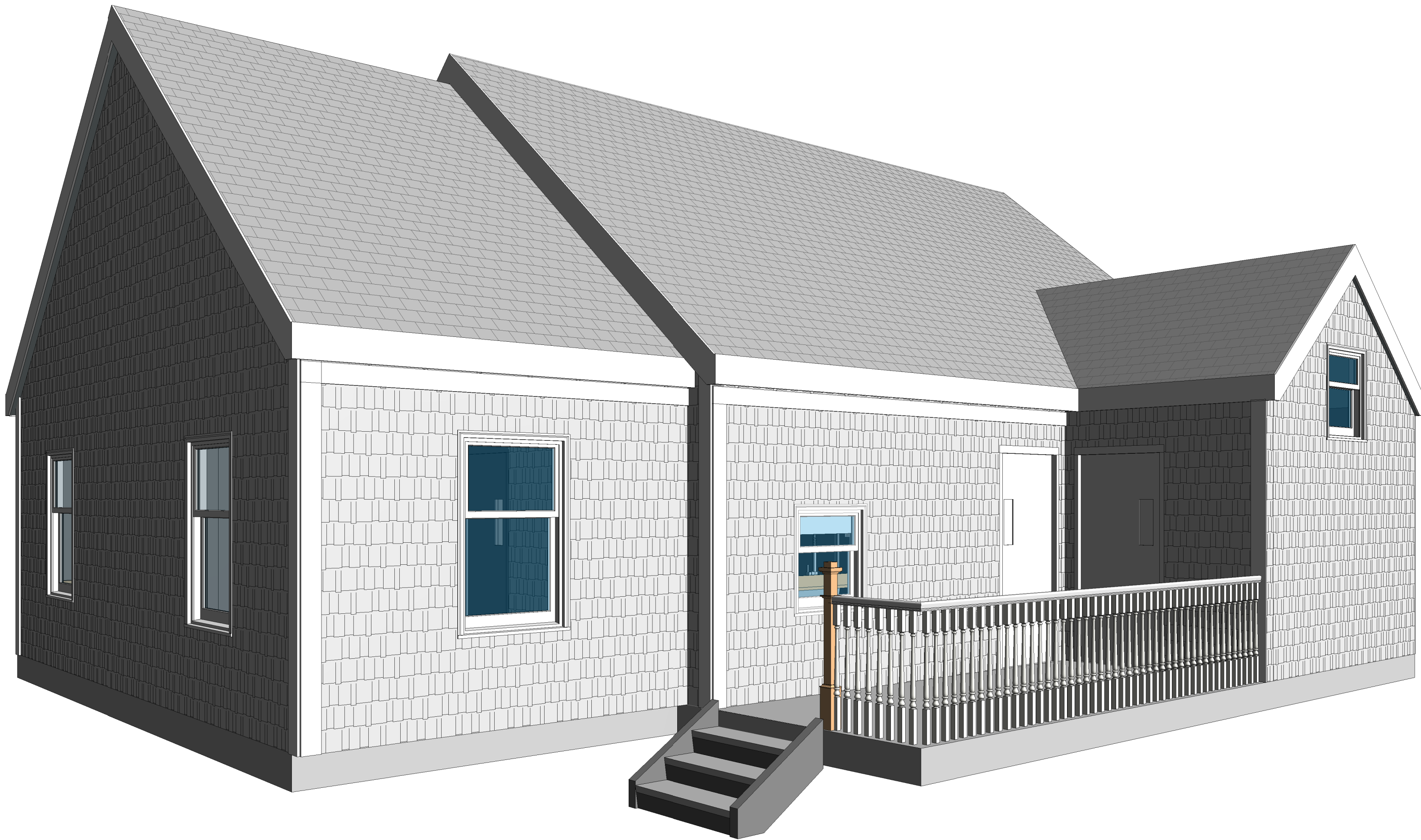








① FRONT PERSPECTIVE



② REAR PERSPECTIVE

**NOTE:** 3D VIEWS ARE PROVIDED FOR REFERENCE ONLY. REFER TO PLANS, ELEVATIONS, SECTIONS, DETAILS AND SCHEDULES FOR BUILDING REQUIREMENTS.

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Scale: **NBS = 1'-0"**

Key Plan:  
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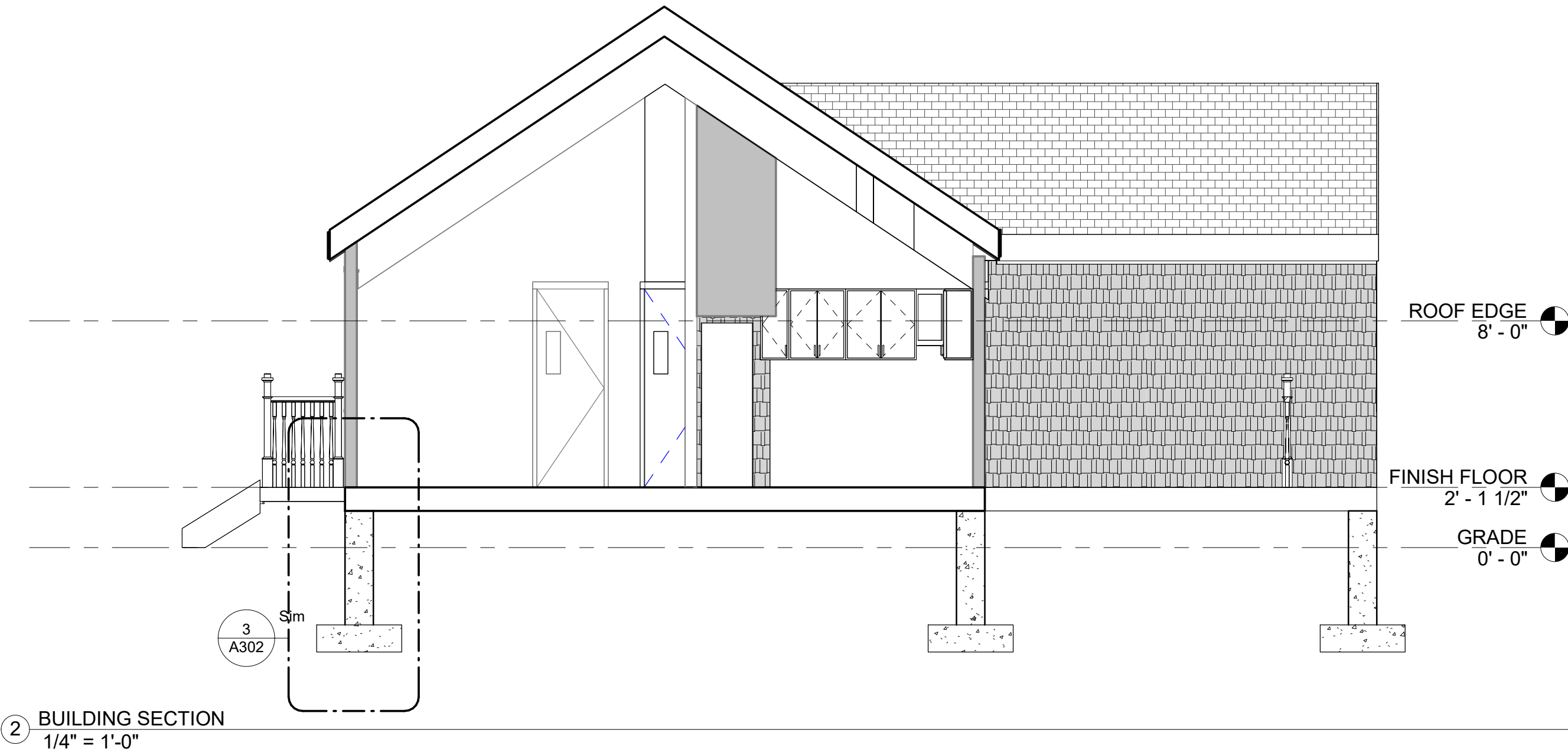
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Drawn By:	FS
Reviewed By:	MP
Approved By:	JRC
W&S Project No.:	ENG22-1122
W&S File No.:	XXX

Drawing Title:  
**127 S PAMET RD - 3D VIEWS**


Sheet Number:  
**A232**



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Project:  
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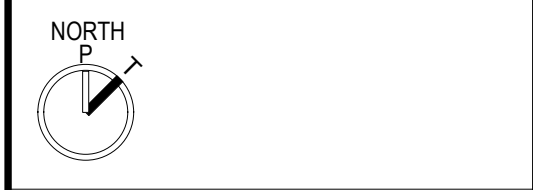
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**PROJECT STATUS**

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

Key Plan:  
**TO CREATE KEYPLAN, EDIT THE KEYPLAN FAMILY WITHIN THE TITLEBLOCK FAMILY AND INSERT CAD TO TRACE OVER.**



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Drawn By:	FS
Reviewed By:	MP
Approved By:	JRC
W&S Project No.:	ENG00-00000
W&S File No.:	XXX

Drawing Title:

**13 WALSH WAY -  
BUILDING, WALL AND  
DETAIL SECTIONS**

Sheet Number:

**A301**





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Scale: NTS

Key Plan:

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TITLEBLOCK FAMILY AND INSERT CAD  
TO TRACE OVER.



Date: 07/11/2023  
Drawn By: FS  
Reviewed By: MP  
Approved By: JRC

W&S Project No.: ENG22-1122  
W&S File No.: XXX

Drawing Title:

DOOR SCHEDULE

Sheet Number:

A801



1.0 - GENERAL

- 1.01 THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS. REFER TO CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATION, DIMENSIONS, AND DETAILS OF OPENINGS, SLEEVES, EMBEDMENTS, INSERTS, PADS, CURBS, DEPRESSIONS, ANCHOR BOLTS, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.
- 1.02 THE CONTRACTOR IS RESPONSIBLE FOR CHECKING, COORDINATING AND VERIFYING ALL DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY TO THE ARCHITECT AND ENGINEER AS A REQUEST FOR INFORMATION (RFI) BEFORE PROCEEDING WITH WORK.
- 1.03 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING IN THE FIELD THE EXISTENCE AND LOCATION OF OVERHEAD, BURIED AND/OR EMBEDDED UTILITIES, AND DETERMINING LOCATIONS OF ALL EMBEDDED MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS AFFECTED BY THE WORK OF THIS CONTRACT.
- 1.04 ALL WORK IS TO CONFORM WITH THE FOLLOWING CODES AND STANDARDS:
- (A) "780 CMR: MASSACHUSETTS AMENDMENTS MASSACHUSETTS STATE BUILDING CODE" - 9TH EDITION (MSBC)  
(B) INTERNATIONAL RESIDENTIAL CODE, (IRC 2018)  
(C) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" - AMERICAN CONCRETE INSTITUTE (ACI 318)  
(D) "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" - AMERICAN SOCIETY OF CIVIL ENGINEERS, (ASCE 7-10/ASCE 7-16)
- FOR ADDITIONAL CODES AND STANDARDS REFER TO SPECIFICATIONS.
- 1.05 THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER OF UNFORESEEN CONDITIONS THAT MAY BE UNCOVERED DURING DEMOLITION AND CONSTRUCTION AS A REQUEST FOR INFORMATION (RFI) BEFORE PROCEEDING WITH WORK.
- 1.06 DETAILS AND NOTES SHOWN ON STRUCTURAL DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE STRUCTURAL WORK EXCEPT WHERE SPECIFICALLY REQUIRED OTHERWISE BY CONTRACT DOCUMENTS. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO THOSE SHOWN FOR LIKE CONDITIONS AS DETERMINED BY THE ENGINEER.
- 1.07 THE CONTRACTOR SHALL DESIGN AND PROVIDE ALL REQUIRED SHORING AND TEMPORARY BRACING TO RESIST FORCES ON THE STRUCTURE THROUGHOUT THE CONSTRUCTION PERIOD.

2.0 - FOUNDATIONS

- 2.01 THE CONTRACTOR SHALL DESIGN AND PROVIDE ALL TEMPORARY EARTH SUPPORT, SHORING AND BRACING REQUIRED TO PERFORM THE WORK IN ACCORDANCE WITH OSHA, STATE AND LOCAL REQUIREMENTS.
- 2.02 THE CONTRACTOR SHALL DESIGN AND PROVIDE SHEETING, SHORING, BRACING, AND/OR UNDERPINNING IN ORDER TO PROTECT EXISTING UTILITIES FROM EXCESSIVE MOVEMENTS DURING THE CONSTRUCTION PERIOD, IN ACCORDANCE WITH OSHA, STATE & LOCAL REQUIREMENTS.
- 2.03 THE CONTRACTOR SHALL CARRY OUT CONTINUOUS CONTROL OF SURFACE AND SUBSURFACE WATER. DEWATER ANY AREAS REQUIRING EXCAVATION IN ADVANCE OF PERFORMING EXCAVATION. MAINTAIN GROUNDWATER LEVELS AT LEAST 2 FEET BELOW PLANNED SUBGRADES.
- 2.04 ALL SUBGRADES TO RECEIVE FILL MATERIALS, FOUNDATIONS, SLABS OR OTHER CONSTRUCTION SHALL BE FREE OF RUNNING OR STANDING WATER PRIOR TO PLACEMENT.
- 2.05 FOUNDATIONS SHALL BE INSTALLED IN THE GEOMETRY SHOWN IN THE PLANS, ANY ROCK ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED TO CLEAR THE REQUIRED FOUNDATION GEOMETRY.
- 2.06 SPREAD FOOTING BEARING SURFACES SHALL BE EXCAVATED BY EQUIPMENT WITH A SMOOTH, TOOTHLESS CUTTING EDGE.
- 2.07 A MINIMUM 2000 PSF ALLOWABLE BEARING PRESSURE HAS BEEN ASSUMED FOR ALL BUILDING FOUNDATIONS.

3.0 - CAST IN PLACE CONCRETE

- 3.01 CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301).
- 3.02 CONCRETE SHALL BE CONTROLLED CONCRETE, PROPORTIONED, MIXED AND PLACED IN THE PRESENCE OF A REPRESENTATIVE OF AN APPROVED TESTING AGENCY.
- 3.03 UNLESS NOTED OTHERWISE, CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
- 3.04 ALL PERMANENTLY EXPOSED VERTICAL AND HORIZONTAL CONCRETE SURFACES SHALL BE TREATED OR SEALED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- 3.05 CONCRETE WORK SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK. THE CONTRACTOR SHALL VERIFY INSTALLATION AND LOCATIONS OF ALL EMBEDDED ITEMS INCLUDING BUT NOT LIMITED TO INSERTS, ANCHOR BOLTS, DOWELS, BLOCKOUTS, SLEEVES, EMBEDDED PIPING, AND EMBEDDED CONDUIT PRIOR TO CONCRETE PLACEMENT.
- 3.06 CONCRETE EXPOSED TO WEATHER (FREEZE-THAW CONDITIONS) IN THE FINISHED PROJECT SHALL BE AIR ENTRAINED PER SPECIFICATIONS REQUIREMENTS.
- 3.07 A MINIMUM OF 72 HOURS SHALL ELAPSE BETWEEN ADJACENT CONCRETE PLACEMENTS.
- 3.11 PROVIDE A 3/4" CHAMFER ON ALL VERTICAL AND HORIZONTAL CORNERS EXPOSED TO VIEW UNLESS NOTED OTHERWISE.
- 3.12 ALL CONCRETE SHALL BE WATER CURED UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- 3.13 NON-SHRINK, NON-METALLIC, GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 7,500 PSI (ASTM C942) AND A MINIMUM BOND STRENGTH OF 2,000 PSI AT 28-DAYS (ASTM C882). GROUT MAY BE EXTENDED WITH COARSE AGGREGATE PER THE MANUFACTURER'S RECOMMENDATIONS.

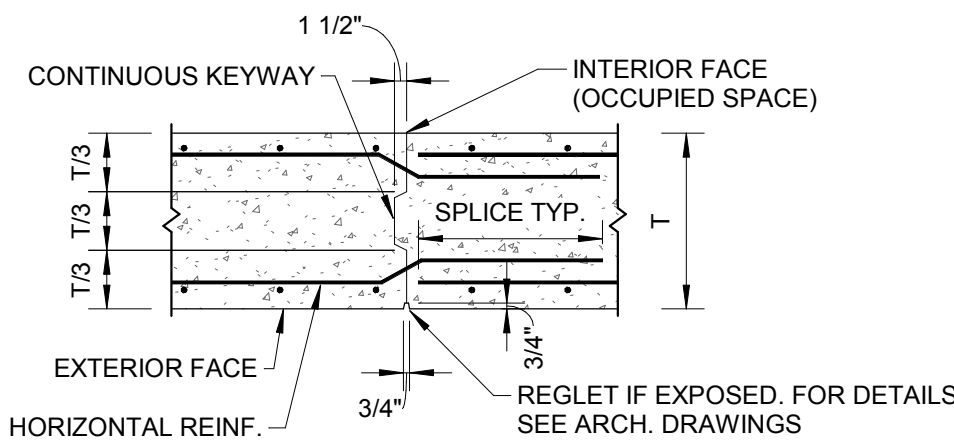
4.0 - DESIGN LOADS:

- 4.01 GENERAL DESIGN REQUIREMENTS (IRC 2015)  
(A) RISK CATEGORY II (ASCE 7-10, TABLE 1-1)  
(B) MUNICIPALITY TRURO, MA
- 4.02 SNOW LOAD (ASCE 7-10)  
(A) GROUND SNOW LOAD,  $P_g$  25 PSF (780 CMR, TABLE R301.2(4))  
(B) MINIMUM FLAT ROOF SNOW LOAD,  $P_f$  25 PSF (780 CMR, TABLE R301.2(4))  
(C) SNOW EXPOSURE FACTOR,  $C_e$  1.0 (ASCE 7-10, TABLE 7-2)  
(D) THERMAL FACTOR,  $C_t$  1.0 (ASCE 7-10, TABLE 7-3)  
(E) SNOW LOAD IMPORTANCE FACTOR,  $I_s$  1.0 (ASCE 7-10, TABLE 7-4)  
(F) ROOF SLOPE FACTOR,  $C_s$  1.0 (ASCE 7-10, FIGURE 7-2)  
(G) \* ADJUST FOR SNOW DRIFT AND UNBALANCED SNOW LOADING (MSBC 780 CMR)
- 4.03 WIND LOADS (ASCE 7-10)  
(A) BASIC WIND SPEED,  $V$  (3-SECOND GUST WIND SPEED) 139 MPH (780 CMR, TABLE R301.2(4))  
(B) BUILDING ENCLOSURE CLASSIFICATION ENCLOSED (ASCE 7-10, SEC. 6.2)  
(C) WIND EXPOSURE CATEGORY B (ASCE 7-10, SEC. 6.5.6.3)  
(D) DESIGN BUILDING DIMENSIONS (ASCE 7-10)  
(E) COMPONENTS AND CLADDING (ASCE 7-10)  
(1) ANALYSIS PROCEDURE LOW RISE BUILDINGS (ASCE 7-10)  
(a) WIND DIRECTIONALITY FACTOR,  $K_d$  0.85 (ASCE 7-10)  
(b) TOPOGRAPHIC FACTOR,  $K_{zt}$  1.0 (ASCE 7-10)  
(c) INTERNAL PRESSURE COEFFICIENT,  $G_c p_i$  +/-0.18 (ASCE 7-10)

TENSION DEVELOPMENT & SPLICE LENGTHS FOR BARS				
	F'c = 4,000 PSI		F'c = 5,000 PSI	
BAR SIZE	TOP BARS (IN.)	OTHER BARS (IN.)	TOP BARS (IN.)	OTHER BARS (IN.)
#3	24	19	22	17
#4	32	25	29	22
#5	40	31	36	28
#6	48	37	43	33
#7	70	54	63	49
#8	80	62	72	55
#9	91	70	81	63
#10	102	79	91	70
#11	113	87	101	78

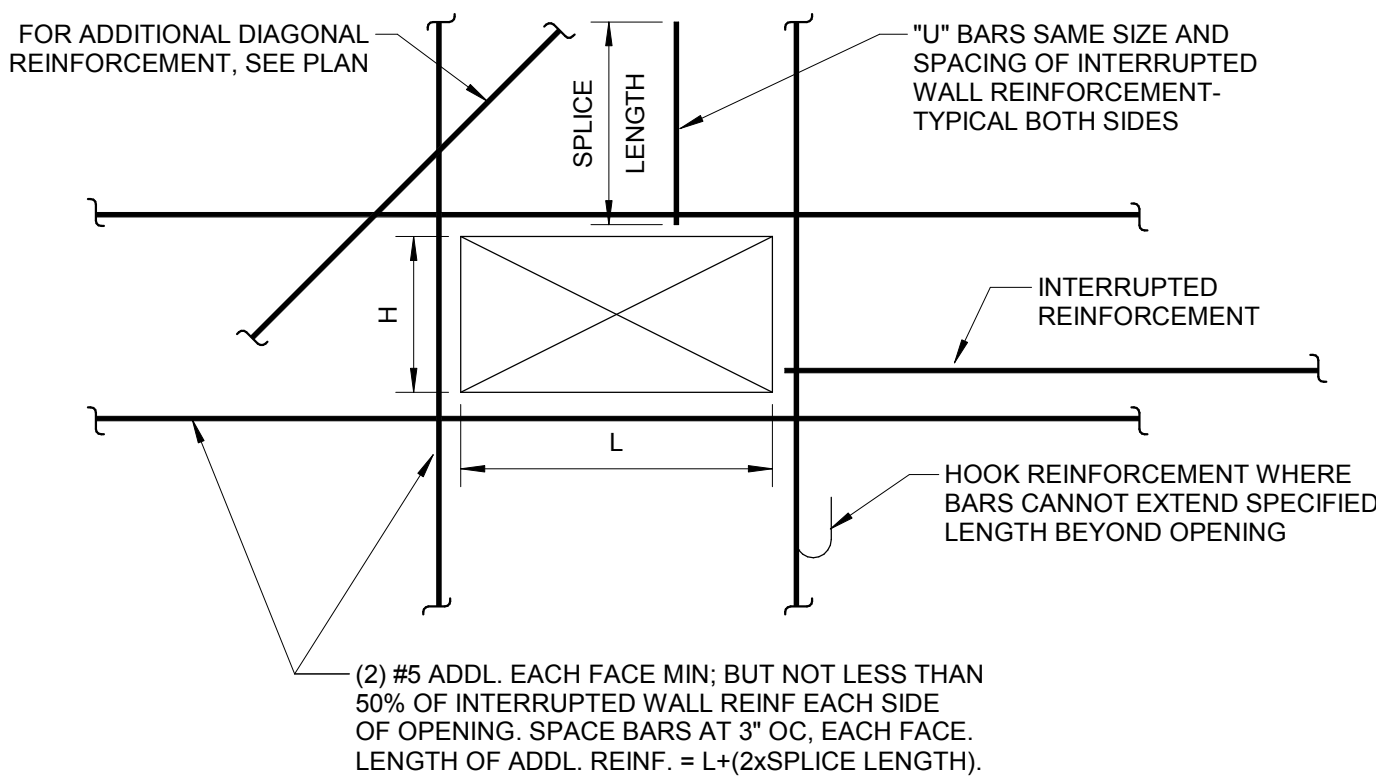
1 MINIMUM SPLICE DEVELOPEMENT LENGTHS

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



2 VERTICAL CONSTRUCTION JOINT

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

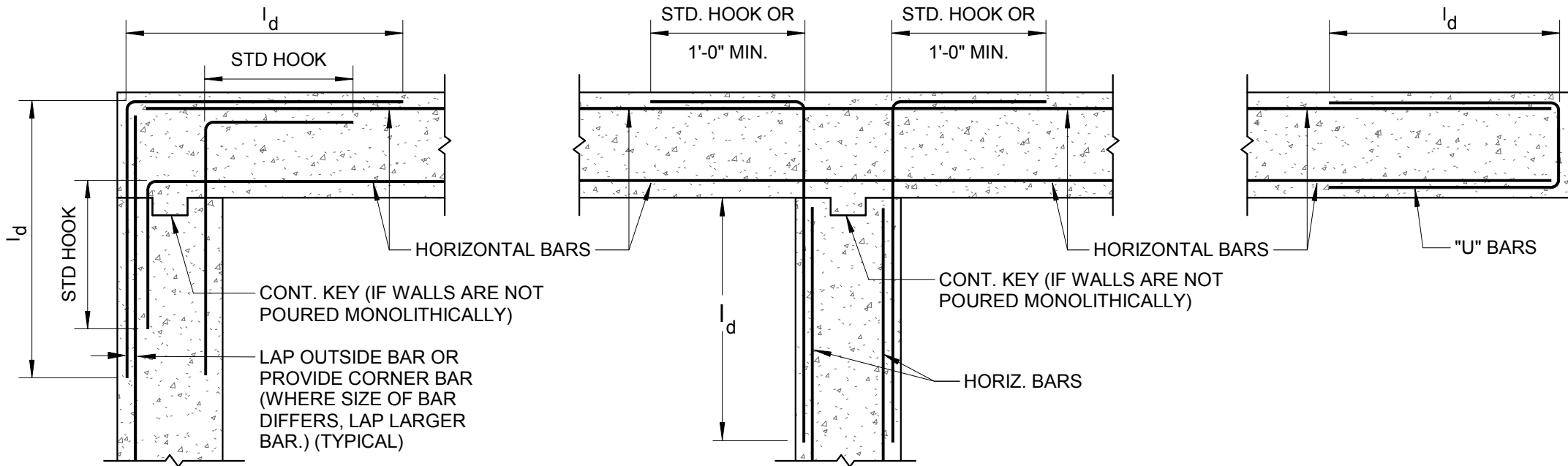


NOTES:

1. WALL OPENINGS SHALL BE COORDINATED AND DETAILED ON THE REINFORCEMENT SHOP DRAWINGS.

3 REINFORCEMENT AT OPENINGS IN REINFORCED CONCRETE WALLS

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



AT CORNERS

AT INTERSECTION

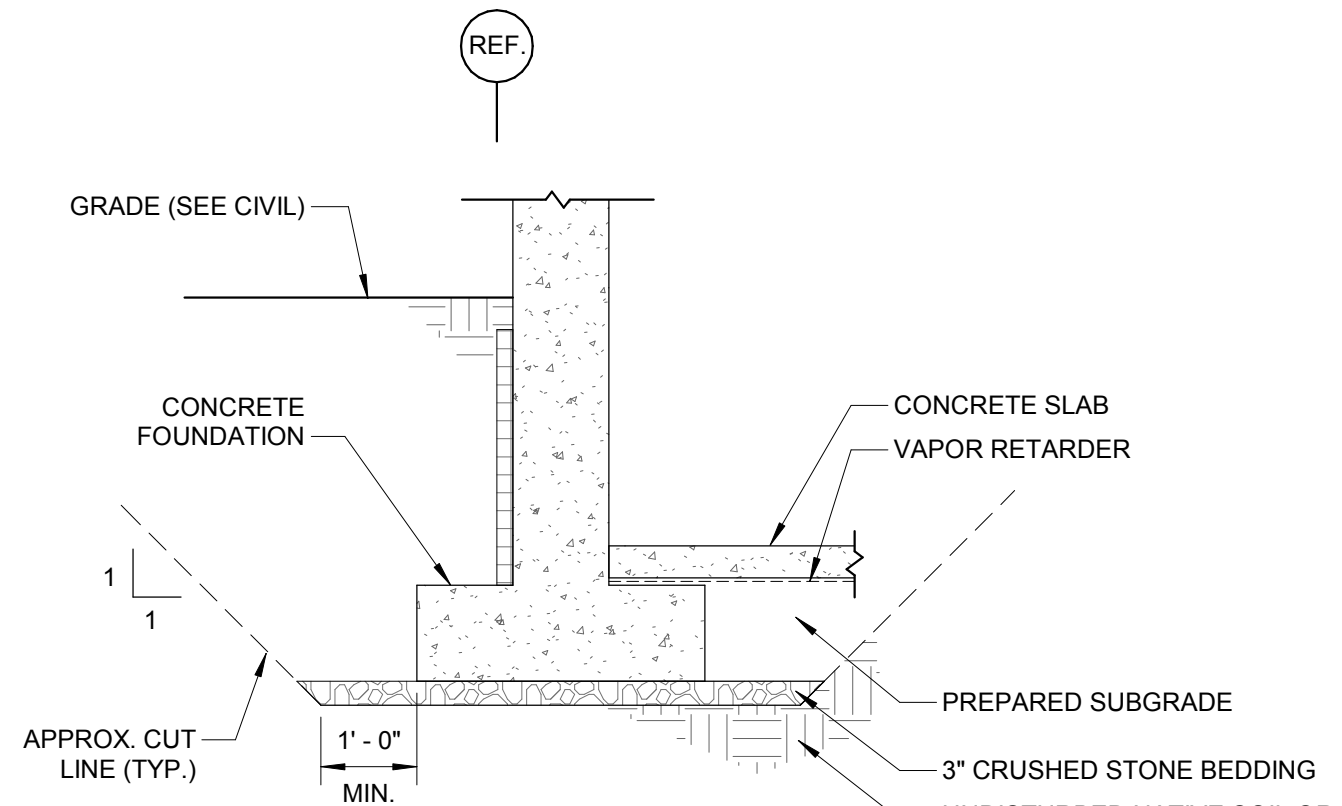
AT OPENINGS & DISCONTINUOUS ENDS

NOTE(S):

1. VERTICAL BARS NOT SHOWN FOR CLARITY, (TYP.)  
2. FOR LENGTH OF  $l_d$ , REFER TO SPLICE AND DEVELOPMENT LENGTH TABLE.

4 HORIZONTAL WALL REINFORCING PLAN

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



FOUNDATION NOTE(S):

1. UNDOCUMENTED FILL AND LOOSE OR DISTURBED SOILS SHALL BE REMOVED FROM ALL FOUNDATION AREAS. THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION CONSTRUCTION TO OBSERVE ALL FOUNDATION SUBGRADES. REFER TO EARTHWORK SPECIFICATION FOR LIMITS OF UNSUITABLE SOILS REMOVAL AND BACKFILL REQUIREMENTS BELOW FOUNDATIONS AND SLABS.  
2. 3-INCHES OF CRUSHED STONES SHALL BE PLACED AND COMPACTED AT THE BASE OF FOOTING EXCAVATIONS.  
3. THE CONTRACTOR IS RESPONSIBLE FOR SUBGRADE PROTECTION.

SLAB NOTE(S):

1. REFER TO EARTHWORK SPECIFICATION FOR PLACEMENT AND COMPACTION REQUIREMENTS. THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PLACEMENT TO EVALUATE SUBGRADE CONDITIONS.  
2. REFER TO EARTHWORK SPECIFICATION FOR LIMITS OF UNSUITABLE SOILS REMOVAL AND BACKFILL REQUIREMENTS BELOW FOUNDATIONS AND SLABS.  
3. IF UNDERSLAB STONE IS TRAPPING WATER, THE WATER SHALL BE REMOVED PRIOR TO SLAB PLACEMENT.

5 TYPICAL CUT/FILL DETAIL

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

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PROGRESS STATUS

Scale: NTS

Key Plan:

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Date: 07/11/23

Drawn By: TSM

Reviewed By: EJP

Approved By: NMS

W&S Project No.: ENG22-1122

W&S File No.: XXX

Drawing Title:

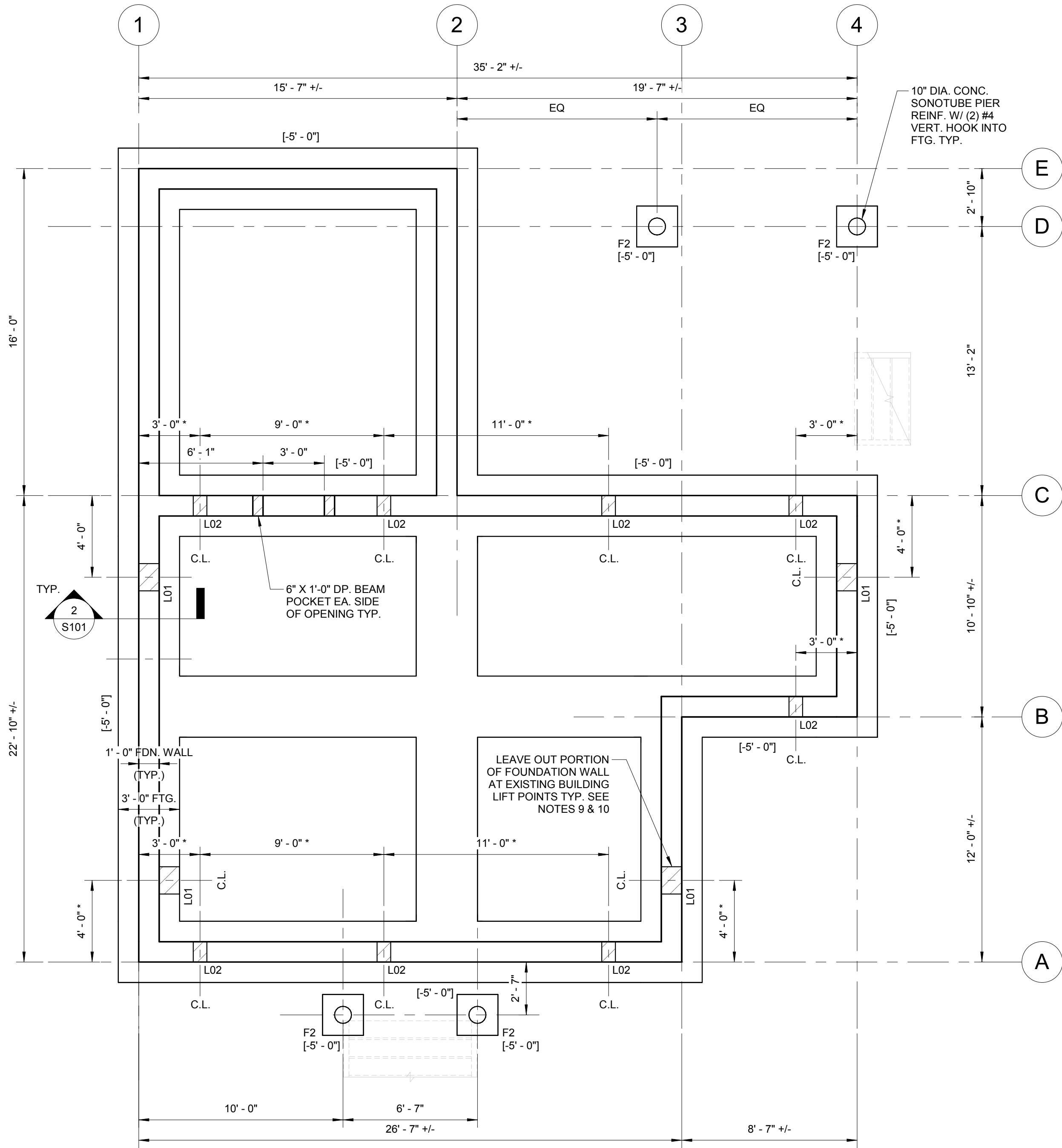
GENERAL NOTES AND TYPICAL DETAILS

Sheet Number:

S001

NOT FOR CONSTRUCTION





NOTES:

- +/- INDICATES EXISTING BUILDING DIMENSION TO BE VERIFIED BY G.C. IN THE FIELD.
- COORDINATE ALL WORK (INCLUDING, BUT NOT LIMITED TO, FLOOR ELEVATIONS, DIMENSIONS, FINISH DETAILS, PENETRATIONS, ETC.) WITH THE ARCHITECTURAL, SITE, EQUIPMENT, PLUMBING, AND MECHANICAL DRAWINGS.
- [XX'-XX"] INDICATES BOTTOM OF FOOTING ELEVATION. ALL EXTERIOR FOOTINGS SHALL BE LOCATED A MINIMUM OF 4'-0" BELOW FINISHED GRADE.
- F# - INDICATES NEW CONCRETE SPREAD FOOTING TYPE. SEE FOOTING SCHEDULE ON THIS SHEET FOR DIMENSIONS AND REINFORCING DETAILS.
- \* INDICATES DIMENSION TO BE COORDINATE BY G.C. WITH BUILDING MOVER
- L01 INDICATES 16" WIDE X 24" TALL LEAVE OUT AT TOP OF FOUNDATION WALL
- L02 INDICATES 8" WIDE X 16" TALL LEAVE OUT AT TOP OF FOUNDATION WALL
- FOUNDATION WALL LEAVE OUT LOCATIONS SHOWN IN PLAN ARE PRELIMINARY. G.C. TO COORDINATE FINAL SIZE AND POSITION OF ALL LEAVE OUT LOCATIONS WITH BUILDING MOVER PRIOR TO CONSTRUCTION
- WALL REINFORCEMENT IS DISCONTINUOUS AT ALL LEAVE OUT LOCATIONS. FILL FOUNDATION WALL LEAVE OUT LOCATIONS WITH NORMAL WEIGHT CONCRETE AFTER EXISTING BUILDING TEMPORARY SUPPORTS HAVE BEEN REMOVED

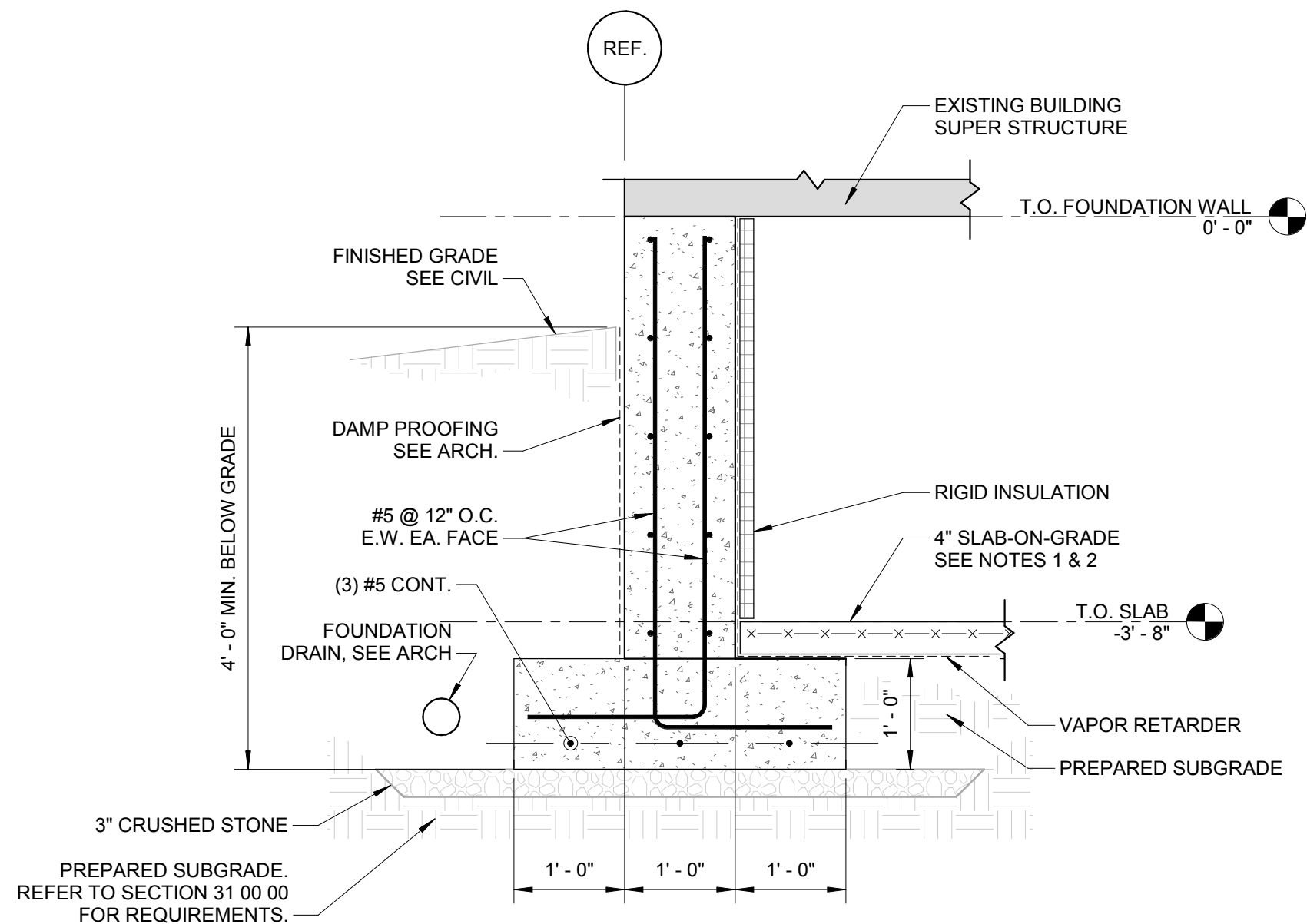
1 FOUNDATION PLAN

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

FOOTING SCHEDULE			
MARK	DIMENSIONS		REINFORCEMENT
	WIDTH [FT.]	LENGTH [FT.]	
F2	2.0	2.0	THICKNESS [IN.] (3) #4 E.W. BOTT. HOOKED

FOOTING NOTE(S):

- SQUARE FOOTING SHALL BE CENTERED BELOW COLUMNS U.N.O.
- RECTANGULAR FOOTINGS SHALL BE ORIENTED AS SHOWN IN PLAN, U.N.O.
- WHERE FOOTINGS INTERSECT IN PLAN, FOOTING SHALL BE CAST INTEGRAL WITH THE REINFORCING AS SPECIFIED IN THE TABLE ABOVE.



NOTES:

- REINFORCE SLAB-ON-GRADE WITH 6x6 W1.4xW1.4 WELDED WIRE FABRIC
- SLOPE SLAB TO FLOOR DRAIN MINIMUM OF 1/8" PER FOOT

2 TYPICAL FOUNDATION SECTION

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

NOT FOR CONSTRUCTION

Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:

PROGRESS STATUS

Scale: As indicated

Key Plan:

TO CREATE KEYPLAN, EDIT THE  
KEYPLAN FAMILY WITHIN THE  
TITLEBLOCK FAMILY AND INSERT CAD  
TO TRACE OVER.



Date: 07/11/23

Drawn By: TSM

Reviewed By: EJP

Approved By: NMS

W&S Project No.: ENG22-1122

W&S File No.: XXX

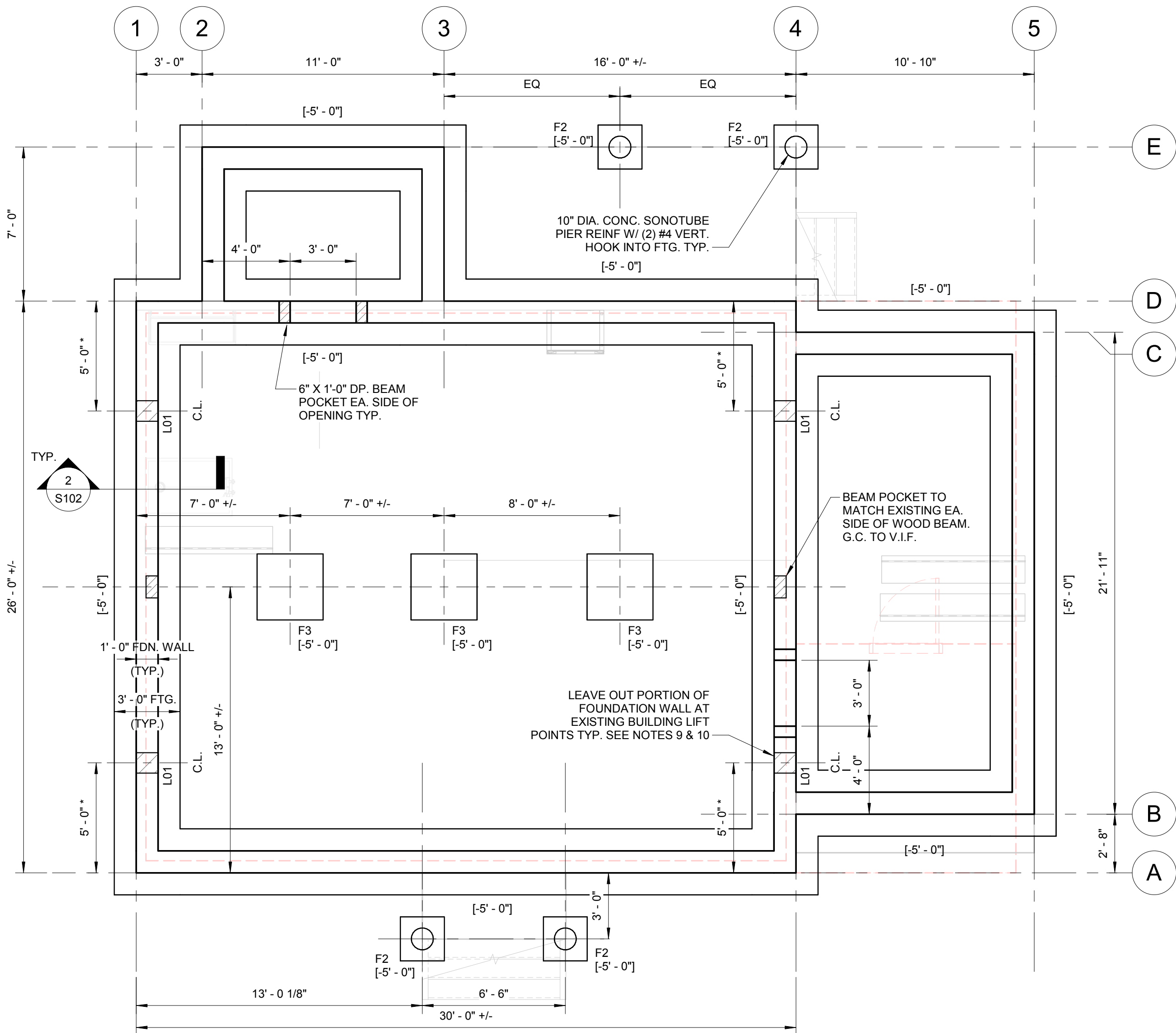
Drawing Title:

13 WALSH WAY -  
FOUNDATION PLAN  
AND TYPICAL  
SECTIONS

Sheet Number:

S101





NOTES:

- +/- INDICATES EXISTING BUILDING DIMENSION TO BE VERIFIED BY G.C. IN THE FIELD.
- COORDINATE ALL WORK (INCLUDING, BUT NOT LIMITED TO, FLOOR ELEVATIONS, DIMENSIONS, FINISH DETAILS, PENETRATIONS, ETC.) WITH THE ARCHITECTURAL, SITE, EQUIPMENT, PLUMBING, AND MECHANICAL DRAWINGS.
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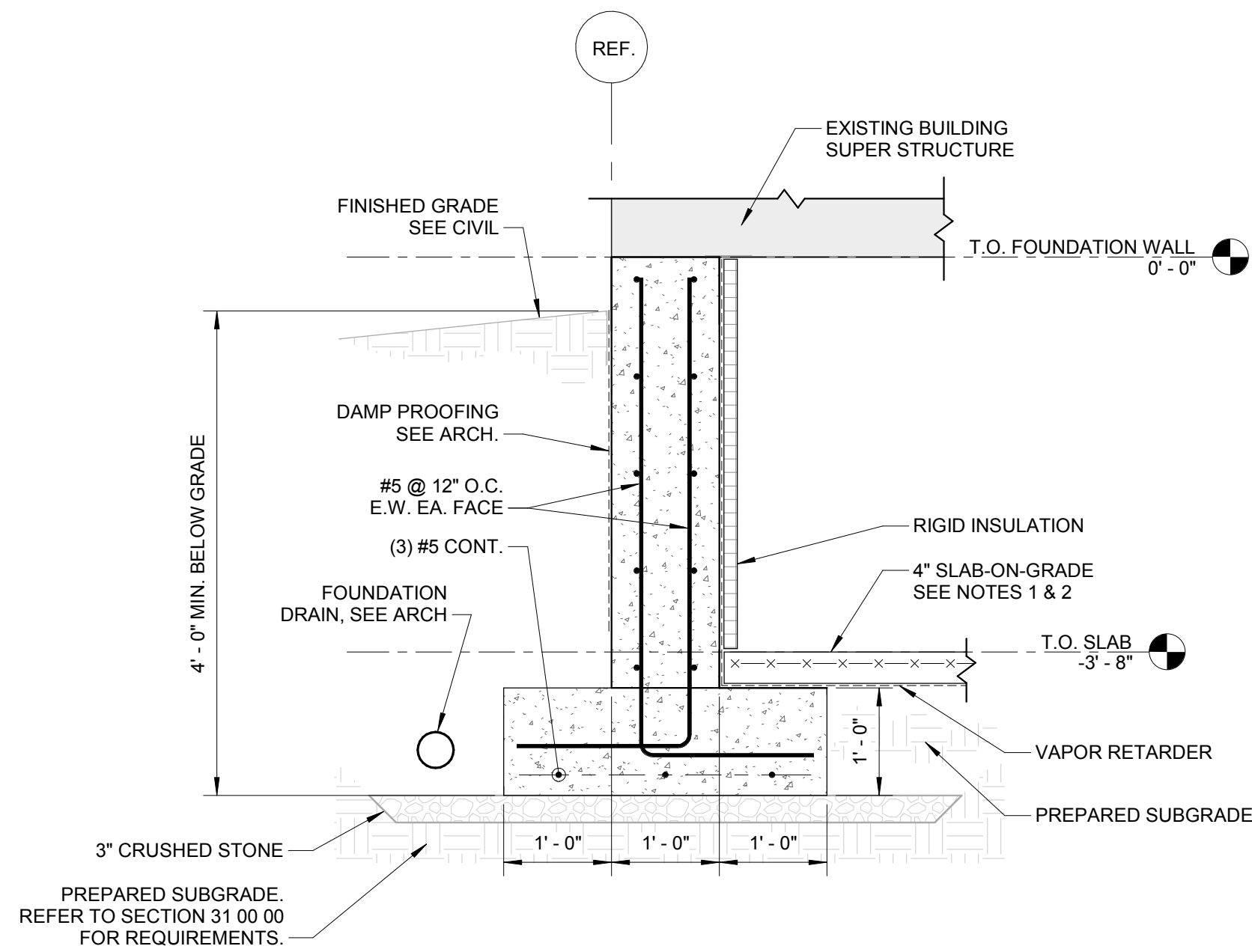
1 FOUNDATION PLAN

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

MARK	DIMENSIONS				REINFORCEMENT
	WIDTH [FT.]	LENGTH [FT.]	THICKNESS [IN.]	ECC. [IN.]	
F2	2.0	2.0	12	0	(3) #4 E.W. BOTT. HOOKED
F3	3.0	3.0	12	0	(3) #5 E.W. BOTT. HOOKED

FOOTING NOTE(S):

- SQUARE FOOTINGS SHALL BE CENTERED BELOW COLUMNS U.N.O.
- RECTANGULAR FOOTINGS SHALL BE ORIENTED AS SHOWN IN PLAN. U.N.O.
- WHERE FOOTING INTERSECT IN PLAN, FOOTING SHALL BE CAST INTEGRAL WITH THE REINFORCING AS SPECIFIED IN THE TABLE ABOVE.



NOTES:

- REINFORCE SLAB-ON-GRADE WITH 6x6 W1.4xW1.4 WELDED WIRE FABRIC
- SLOPE SLAB TO FLOOR DRAIN MINIMUM OF 1/8" PER FOOT

2 TYPICAL FOUNDATION SECTION

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

NOT FOR CONSTRUCTION

Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

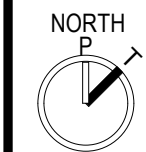
Issued For:

PROGRESS STATUS

Scale: As indicated

Key Plan:

TO CREATE KEYPLAN, EDIT THE  
KEYPLAN FAMILY WITHIN THE  
TITLEBLOCK FAMILY AND INSERT CAD  
TO TRACE OVER.



Date: 07/11/23

Drawn By: TSM

Reviewed By: EJP

Approved By: NMS

W&S Project No.: ENG22-1122

W&S File No.: XXX

Drawing Title:

127 S PAMET RD -  
FOUNDATION PLAN  
AND SECTIONS

Sheet Number:

S102