

NEW CONSTRUCTION: PROPOSED DUPLEX

PROJECT LOCATION
74-76 VALMOR STREET
WORCESTER, MA 01604

CLIENT
FOREVER MECHANICAL HVAC/R, INC.
90 MADISON STREET
WORCESTER, MA 01608

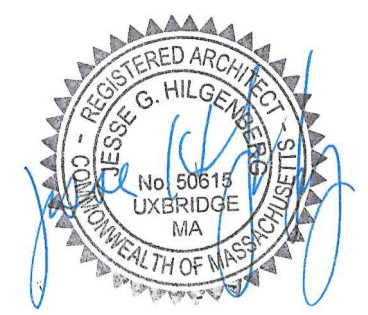
ARCHITECT
DIXON SALO ARCHITECTS, INC.
300 MAIN STREET, FIRST FLOOR
WORCESTER, MA 01608
MR. JESSE HILGENBERG
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ARCHITECT'S STAMP:



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

ABBREVIATIONS

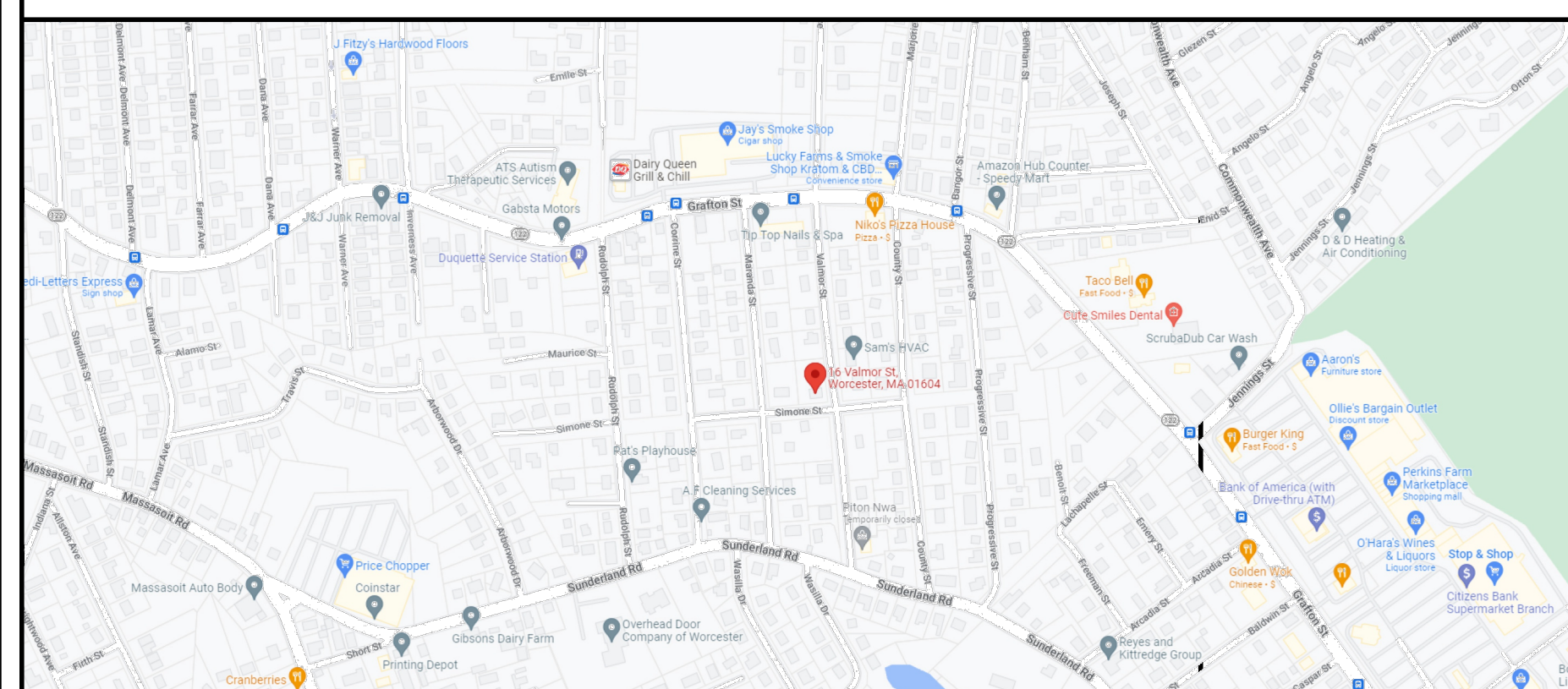
| | | | | | | |
|--------|-------------------------|--------|-----------------------|----------------------|------|--------|
| A.C.T | ACOUSTICAL CEILING TILE | A.C.T | ACRYLIC | MANUFACTURED MASONRY | MFD | MARBLE |
| ACST | ACRYLIC | ALUM | ALUMINUM | MASONRY | MAR | MAR |
| AF | ABOVE FINISHED FLOOR | ARCH | ARCHITECT | MASONRY OPENING | MSPY | MSPY |
| ALUM | ALUMINUM | AVG | AVERAGE | MATERIAL | MAT | MAT |
| ARCH | ARCHITECT | BM | BEAM | MASONRY | MAX | MAX |
| AVG | AVERAGE | BR | BRASS | MECHANICAL | MAX | MAX |
| BM | BEAM | BR | BRASS | METAL | ML | ML |
| BR | BRASS | BR | BRASS | METAL | M | M |
| BR | BRASS | BLDG | BUILDING | MISCELLANEOUS | MISC | MISC |
| BLDG | BUILDING | BLFH | BUILT UP | MISCELLANEOUS | MISC | MISC |
| BLFH | BUILT UP | CAB | CABINET | MISCELLANEOUS | MISC | MISC |
| CAB | CABINET | CLG | CEILING | MISCELLANEOUS | MISC | MISC |
| CLG | CEILING | CL | CENTER LINE | MISCELLANEOUS | MISC | MISC |
| CL | CENTER LINE | CM | CENTIMETER | MISCELLANEOUS | MISC | MISC |
| CM | CENTIMETER | CR | CERAMIC | MISCELLANEOUS | MISC | MISC |
| CR | CERAMIC | CLR | CLEAR | MISCELLANEOUS | MISC | MISC |
| CLR | CLEAR | CW | COLD WATER | MISCELLANEOUS | MISC | MISC |
| CW | COLD WATER | CO | COLUMN | MISCELLANEOUS | MISC | MISC |
| CO | COLUMN | CONC | CONCRETE | MISCELLANEOUS | MISC | MISC |
| CONC | CONCRETE | CHU | CONCRETE MASONRY UNIT | MISCELLANEOUS | MISC | MISC |
| CHU | CONCRETE MASONRY UNIT | CONSTR | CONSTRUCTION | MISCELLANEOUS | MISC | MISC |
| CONSTR | CONSTRUCTION | CONTR | CONTRACTOR | MISCELLANEOUS | MISC | MISC |
| CONTR | CONTRACTOR | DEM | DEMOLITION | MISCELLANEOUS | MISC | MISC |
| DEM | DEMOLITION | DET | DETAIL | MISCELLANEOUS | MISC | MISC |
| DET | DETAIL | DIA | DIAMETER | MISCELLANEOUS | MISC | MISC |
| DIA | DIAMETER | DM | DIMENSION | MISCELLANEOUS | MISC | MISC |
| DM | DIMENSION | DR | DOOR | MISCELLANEOUS | MISC | MISC |
| DR | DOOR | DN | DOWN | MISCELLANEOUS | MISC | MISC |
| DN | DOWN | DRWG | DRAWING | MISCELLANEOUS | MISC | MISC |
| DRWG | DRAWING | DF | DRINKING FOUNTAIN | MISCELLANEOUS | MISC | MISC |
| DF | DRINKING FOUNTAIN | EACH | EACH | MISCELLANEOUS | MISC | MISC |
| EACH | EACH | ELEC | ELECTRIC | MISCELLANEOUS | MISC | MISC |
| ELEC | ELECTRIC | EW | ELECTRIC WATER COOLER | MISCELLANEOUS | MISC | MISC |
| EW | ELECTRIC WATER COOLER | EQ | EQUAL | MISCELLANEOUS | MISC | MISC |
| EQ | EQUAL | EST | ESTIMATE | MISCELLANEOUS | MISC | MISC |
| EST | ESTIMATE | EXIST | EXISTING | MISCELLANEOUS | MISC | MISC |
| EXIST | EXISTING | EXT | EXTERIOR | MISCELLANEOUS | MISC | MISC |
| EXT | EXTERIOR | FAB | FABRICATE | MISCELLANEOUS | MISC | MISC |
| FAB | FABRICATE | OR FT | OR FT | MISCELLANEOUS | MISC | MISC |
| OR FT | OR FT | FIN | FINISH | MISCELLANEOUS | MISC | MISC |
| FIN | FINISH | FAO | FINISHED ALL OVER | MISCELLANEOUS | MISC | MISC |
| FAO | FINISHED ALL OVER | FR | FIREPROOF | MISCELLANEOUS | MISC | MISC |
| FR | FIREPROOF | FLR | FLOOR | MISCELLANEOUS | MISC | MISC |
| FLR | FLOOR | FLUR | FLORESCENT | MISCELLANEOUS | MISC | MISC |
| FLUR | FLORESCENT | FS | FULL SIZE | MISCELLANEOUS | MISC | MISC |
| FS | FULL SIZE | FURN | FURNISH | MISCELLANEOUS | MISC | MISC |
| FURN | FURNISH | GA | GAUGE | MISCELLANEOUS | MISC | MISC |
| GA | GAUGE | GEN | GENERAL | MISCELLANEOUS | MISC | MISC |
| GEN | GENERAL | GYP | GYPSONUM BOARD | MISCELLANEOUS | MISC | MISC |
| GYP | GYPSONUM BOARD | HW | HARDWARE | MISCELLANEOUS | MISC | MISC |
| HW | HARDWARE | HW | HARDWOOD | MISCELLANEOUS | MISC | MISC |
| HW | HARDWOOD | HT | HEIGHT | MISCELLANEOUS | MISC | MISC |
| HT | HEIGHT | HC | HOLLOW CORE | MISCELLANEOUS | MISC | MISC |
| HC | HOLLOW CORE | HOR | HORIZONTAL | MISCELLANEOUS | MISC | MISC |
| HOR | HORIZONTAL | HW | HOT WATER | MISCELLANEOUS | MISC | MISC |
| HW | HOT WATER | DE IN | DE IN | MISCELLANEOUS | MISC | MISC |
| DE IN | DE IN | INS | INSULATION | MISCELLANEOUS | MISC | MISC |
| INS | INSULATION | INT | INTERIOR | MISCELLANEOUS | MISC | MISC |
| INT | INTERIOR | JBOX | JUNCTION BOX | MISCELLANEOUS | MISC | MISC |
| JBOX | JUNCTION BOX | LAV | LAVATORY | MISCELLANEOUS | MISC | MISC |
| LAV | LAVATORY | LT | LIGHT | MISCELLANEOUS | MISC | MISC |
| LT | LIGHT | LIC | LIGHTING | MISCELLANEOUS | MISC | MISC |
| LIC | LIGHTING | LN | LINEAR | MISCELLANEOUS | MISC | MISC |
| LN | LINEAR | LIN | LINOLEUM | MISCELLANEOUS | MISC | MISC |
| LIN | LINOLEUM | MFR | MANUFACTURER | MISCELLANEOUS | MISC | MISC |
| MFR | MANUFACTURER | GA | GALVANNEE | MISCELLANEOUS | MISC | MISC |
| GA | GALVANNEE | GWB | GYPSONUM WALL BOARD | MISCELLANEOUS | MISC | MISC |
| GWB | GYPSONUM WALL BOARD | YD | YARD | MISCELLANEOUS | MISC | MISC |
| YD | YARD | | | | | |

LEGEND

| SYMBOLS | MATERIALS | DRAWING SYMBOLS |
|---------|-----------------------|------------------------------------|
| | EARTH - LOAM | EXIST WALL TO REMAIN |
| | EARTH - FILL | DEMO EXIST WALL |
| | GRAVEL | NEW CONSTRUCTION |
| | SAND | PULL STATION |
| | CONCRETE | EMERGENCY EXIT SIGN |
| | CONCRETE MASONRY | HORN/STROBE |
| | BRICK | STROBE |
| | BITUMINOUS CONCRETE | EMERGENCY BATTERY UNIT |
| | BATT INSULATION | EMERGENCY EXIT SIGN W/BATTERY UNIT |
| | RIGID INSULATION | REMOTE HEAD |
| | WOOD - FRAMING | EMERGENCY EXIT SIGN W/BATTERY UNIT |
| | WOOD - FINISH | FIRE EXTINGUISHER |
| | PLYWOOD - SMALL SCALE | CARD READER ACCESS |
| | ACOUSTICAL TILE | EMERGENCY SHOWER |
| | STEEL | THERMOSTAT |
| | ALUMINUM | SMOKE DETECTOR |
| | | FLOURESCENT LIGHTING FIXTURE |
| | | SPRINKLER HEAD |
| | | HVAC GRILLE - RETURN |
| | | HVAC - SUPPLY |
| | | RECESSED DOWN LIGHT |
| | | MOTION DETECTOR |



LOCUS MAP



| | | |
|--|---------------------|------------|
| | SCHEMATIC | N/A |
| | DESIGN DEVELOPMENT | N/A |
| | BID | N/A |
| | PERMIT | 06.10.2024 |
| | CONSTRUCTION | |
| | EXISTING CONDITIONS | |

| | |
|---------------|--|
| 4 | |
| 3 | |
| 2 | |
| 1 | |
| REVISION DATE | |

| | |
|----------|------------|
| DATE: | 06.10.2024 |
| SCALE: | AS NOTED |
| PROJECT: | - |
| DRAWN: | JGH |
| CHECKED: | JGH |

PROJECT TITLE:
PROPOSED DUPLEX
74-76 VALMOR STREET
WORCESTER, MA 01604

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1.0

GENERAL DEMOLITION NOTES

A. CONTRACTOR SHALL VISUALLY INSPECT THE SITE TO DETERMINE THE CONDITION OF EXISTING CONSTRUCTION AND FAMILIARIZE HIMSELF/HERSELF WITH THE PROPOSED WORK.

- ALL WORK SHALL COMPLY WITH MUNICIPAL, STATE AND FEDERAL RULES AND REGULATIONS, LAWS AND ORDINANCES OF ALL THE AUTHORITIES HAVING JURISDICTION.
- DISCONNECTION OF UTILITIES REQUIRED BY THE WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL.
- ALL WORK IS TO COMPLY WITH APPLICABLE PROVISIONS OF ANSI CODE FOR BUILDING CONSTRUCTION: ANSI 10.6, SAFETY OF DEMOLITION.
- UTILITY LINES TO BE ABANDONED SHALL BE DISCONNECTED, REMOVE AS REQUIRED, AND/OR CAPPED OFF IN ACCORDANCE WITH APPLICABLE CODE AND REGULATIONS.
- REMOVE ALL AREAS SHOWN DASHED [TYPICAL] ON DEMOLITION PLANS.
- CONTRACTOR TO PROTECT ALL EXISTING AREAS BEYOND LIMIT OF WORK OR ITEMS THAT ARE TO REMAIN, AS REQUIRED.
- COORDINATE DEMOLITION WORK WITH PROPOSED NEW WORK SHOWN ON PROJECT DRAWINGS.
- THE GENERAL CONTRACTOR SHALL NOT INTERFERE WITH NORMAL ACTIVITY IN OR ADJACENT TO THE BUILDING, AND IS SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PREVENT EXCESSIVE DUST, AND NOISE. ACCESS AND EGRESS TO AND FROM THE EXISTING BUILDING AS WELL AS FIRE PROTECTION IS TO BE MAINTAINED AT ALL TIMES THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS.
- PROVIDE ALL TEMPORARY SHORING BRACING, FRAMING, AND PROTECTION OF EXISTING WORK TO REMAIN BEFORE PROCEEDING WITH DEMOLITION AND DURING ALTERATION WORK.
- PERFORM DEMOLITION WORK AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY THAT ALL REMOVED COMPONENTS ARE NOT STRUCTURAL. NOTIFY ARCHITECT BEFORE REMOVING ANY STRUCTURAL MEMBERS. NOTIFY ARCHITECT IN CASE OF DISCREPANCY BEFORE PROCEEDING WITH WORK.
- IF DURING DEMOLITION CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE THE INTEGRITY OF THE STRUCTURE OR PRECLUDE THE DESIGN INTENT, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- DEMOLITION PLANS ASSUME THAT PORTIONS OF EXISTING WIRING, PLUMBING, EQUIPMENT, DUCTWORK, ETC., IN AREAS OF NEW WORK WILL BE REQUIRED TO BE REMOVED/RELOCATED TO MEET THE REQUIRED DESIGN PARAMETERS OF THE NEW WORK. PRIOR TO COMMENCING DEMOLITION/RELOCATION, CONTRACTOR SHALL VERIFY SPECIFIC CONDITIONS IN THE FIELD AND COORDINATE WITH GC AND ARCHITECT. (SEE M.E.P. DEMOLITION NOTES.)
- BEFORE DISPOSING OF ANY REMOVED ITEMS, CONSULT WITH OWNER AND VERIFY POSSIBLE RE-USE, SALVAGE, OR DISPOSAL OF ANY EXISTING ITEMS AND EQUIPMENT, INCLUDING BUT NOT LIMITED TO, PLUMBING, FIXTURES, EQUIPMENT, LIGHT FIXTURES AND DOORS, ETC.

B. CUTTING AND PATCHING

- GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL SUBCONTRACTORS, DEMOLITION CUTTING AND PATCHING
- ALL PARTITIONS, FLOORS, CEILINGS OR ITEMS TO BE REMOVED SHALL BE CLEANLY CUT BACK TO THE LIMITS SHOWN ON THE PLANS, SECTIONS, AND DETAILS OR AS DIRECTED BY THE ARCHITECT.
- ALL EXISTING FLOORS, WALLS, AND CEILINGS AFFECTED BY NEW WALL LOCATIONS ARE TO BE PATCHED AND REPAIRED AS NECESSARY TO PROVIDE A SMOOTH UN-NOTICEABLE TRANSITION OF NEW AND EXISTING MATERIALS AND SURFACES.
- PROVIDE CUTTING AND PATCHING AS REQUIRED FOR ALL DEMOLITION AND ALTERATION WORK. CUTTING AND PATCHING INCLUDE CUTTING INTO OR THROUGH TO PROVIDE FOR THE INSTALLATION OR PERFORMANCE OF OTHER WORK, AND THE SUBSEQUENT FITTING AND PATCHING REQUIRED TO RESTORE THE CUT SURFACES TO THEIR ORIGINAL CONDITION.
- REMOVE EXISTING INTERIOR FINISHES AND MATERIALS AS REQUIRED TO ACCOMMODATE NEW WORK. ALL ITEMS ARE TO BE REMOVED IN A MANNER SO AS TO NOT DAMAGE THE EXISTING MATERIALS OR FINISHES THAT ARE TO REMAIN OR BE REINSTALLED.
- PERFORM DEMOLITION WORK CAREFULLY. REMOVE MASONRY, STEEL, CONCRETE, WALLS AND OTHER STRUCTURAL ELEMENTS IN SMALL SECTIONS, REMOVE THESE MATERIALS TO A CLEARLY CUT, STRAIGHT LINE, ACCURATELY ESTABLISHED.
- REMOVE FROM THE SITE AND DISPOSE OF LEGALLY. ALL EXISTING MATERIALS, DEMOLITION DEBRIS, TRASH, RUBBISH AND ITEMS THAT WILL NOT BE USED IN THE NEW WORK OR WILL NOT BE REUSED BY THE OWNER. STORAGE OF DEBRIS WILL NOT BE PERMITTED. ALL DEBRIS TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- COORDINATE REMOVAL OF ANY RATED ASSEMBLIES WITH LOCAL OFFICIALS BEFORE COMMENCING WORK.

C. M.E.P. DEMOLITION NOTES

- SEE ELECTRICAL, HVAC, PLUMBING AND FIRE PROTECTION DRAWINGS FOR LOCATION OF NEW UTILITIES AND DEMOLITION OF EXISTING WORK NOT SHOWN ON THESE PLANS. GC TO COORDINATE ALL WORK WITH SUBCONTRACTORS.
- WHERE EXISTING ELECTRICAL DEVICES OCCUR IN PARTITIONS INDICATED TO BE REMOVED, THE WIRING SHALL BE REMOVED, ALL ELECTRICAL LINES BEING DISCONNECTED SHALL BE ADEQUATELY TRACED AND RECONNECTED AS REQUIRED TO ENSURE PROPER FUNCTION FOR THE ADJACENT AREAS AND TO ENSURE PROPER FUNCTION OF THE EXISTING BUILDING EQUIPMENT OR SYSTEM TO REMAIN. ELECTRICAL CONTRACTOR TO VERIFY ALL ELECTRICAL SYSTEMS PRIOR TO THE COMMENCEMENT OF WORK.
- WHERE EXISTING PLUMBING LINES ARE TO BE REWORKED OR REMOVED, ALL PLUMBING LINES BEING DISCONNECTED SHALL BE ADEQUATELY TRACED AND RECONNECTED AS REQUIRED TO ENSURE PROPER FUNCTION FOR THE ADJACENT AREAS AND TO ENSURE PROPER FUNCTION OF THE EXISTING BUILDING EQUIPMENT TO REMAIN IN PLACE.
- WHERE EXISTING HVAC LINES, DUCTWORK, ETC. ARE TO BE REWORKED, ALL LINES AND EQUIPMENT BEING DISCONNECTED SHOULD BE ADEQUATELY TRACED AND RECONNECTED AS REQUIRED TO ENSURE PROPER FUNCTION FOR THE ADJACENT AREAS AND TO ENSURE PROPER FUNCTION TO THE EXISTING BUILDING EQUIPMENT OR SYSTEMS TO REMAIN.
- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF ALL NEW PENETRATIONS THRU ROOF, FLOORS, WALLS, AND CEILINGS.

D. CLEANING

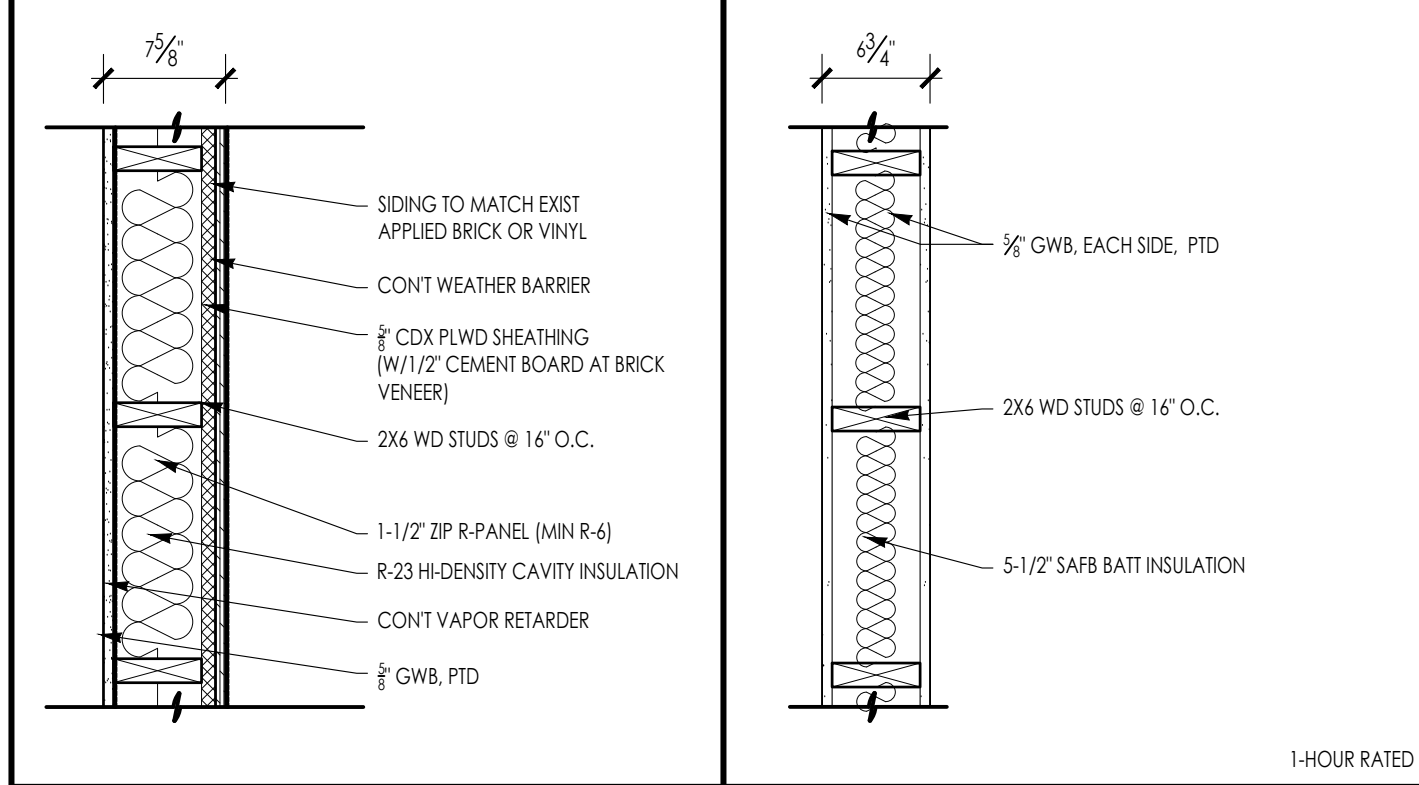
- CONTRACTOR IS FULLY RESPONSIBLE FOR THE CLEANING AND PREPARING OF ALL FLOOR, WALL AND CEILING SURFACES FOR THE INSTALLATION OF NEW MATERIALS AS SCHEDULED, UTILITIES, HVAC AND ELECT. SYSTEMS EQUIPMENT, ETC. AFTER DEMO CLEAN-UP.

OTHER: REMINDERS/SPECIFIC TO INDIVIDUAL PROJECTS

- EXISTING LARGE FLOOR OPENINGS TO BE FILLED ARE INDICATED. SMALLER PIPE HOLES, ETC. TO BE FILLED ARE NOT INDICATED ON THE DRAWINGS. REFER TO DETAILS FOR REQUIREMENTS FOR FILLING SAID OPENINGS.
- ALL EXISTING COLUMNS TO REMAIN UNLESS NOTED.
- ALL EXPOSED UNUSED PIPING AND CONDUITS SHALL BE REMOVED BY THE GENERAL CONTRACTOR. SEE SPECIFICATIONS FOR CAPPING.

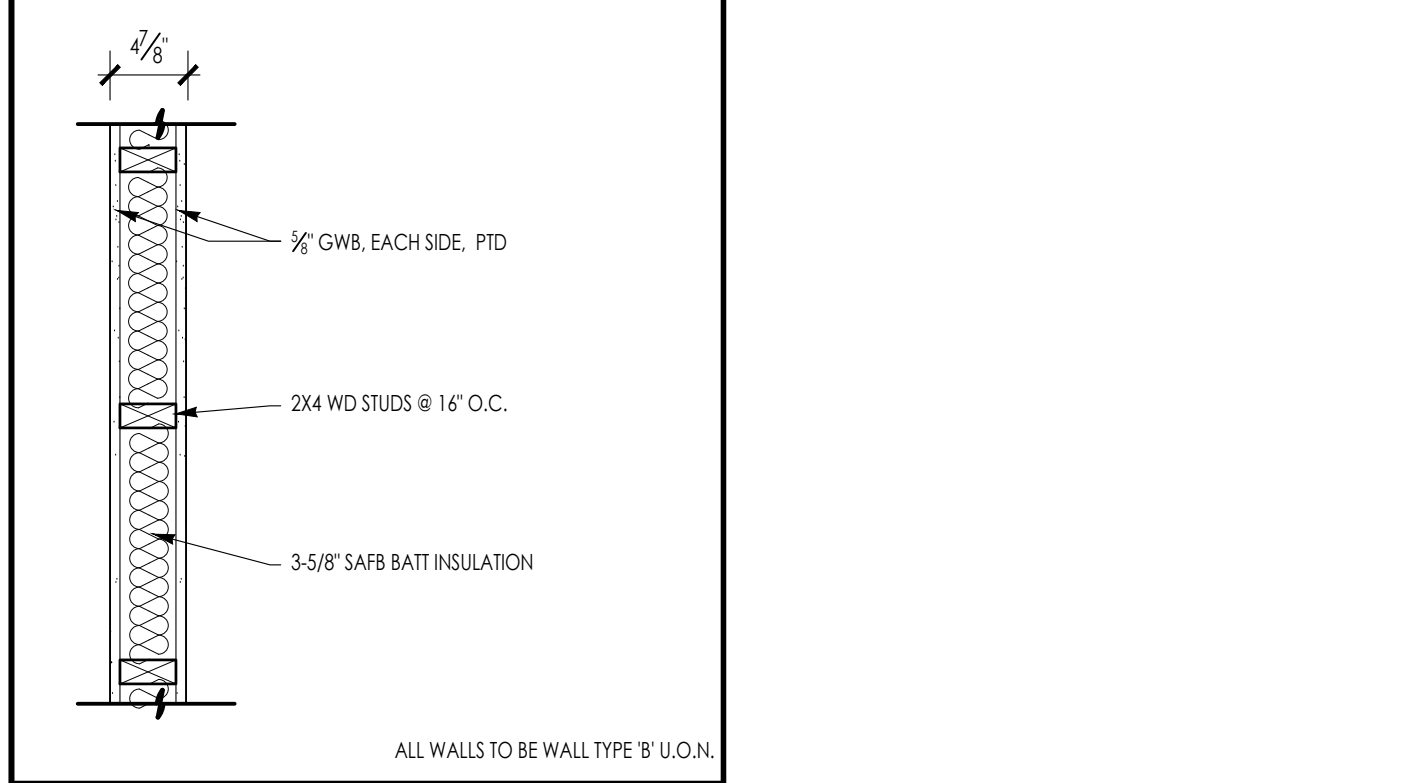
GENERAL CONSTRUCTION NOTES

- ALL WORK IS TO BE PERFORMED IN PROFESSIONAL AND WORKMANLIKE MANNER, IN ACCORDANCE WITH ALL APPLICABLE FEDERAL & STATE CODES, INCLUDING THE INTERNATIONAL BUILDING CODE (IBC), THESE INCLUDE, BUT ARE NOT LIMITED TO, THE INTERNATIONAL EXISTING BUILDING CODE (IEBC), MASS STATE BUILDING CODE, THE AMERICAN NATIONAL STANDARD (ANSI), THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC), THE NATIONAL ELECTRIC CODE (NEC), THE INTERNATIONAL PLUMBING CODE (IPC), THE INTERNATIONAL MECHANICAL CODE (IMC), AND THE NATIONAL FIRE PROTECTION STANDARDS, AS WELL AS ALL LOCAL REGULATIONS GOVERNING THE PROJECT.
- CONTRACTOR TO VISIT SITE AND TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, AND REPORT ALL DISCREPANCIES TO ARCHITECT, PRIOR TO PROCEEDING WITH WORK.
- ALL MATERIALS USED ON THIS PROJECT SHALL BE IN COMPLIANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE.
- THE CONTRACTOR SHALL MAINTAIN COMPLETE AND UP-TO-DATE DRAWINGS AT THE JOB SITE, AND SHALL SUBMIT ACCURATE AS-BUILT DRAWINGS TO ARCHITECT AND OWNER AT END OF PROJECT.
- THE INTENTION OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND OTHER ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- BY EXECUTING THE CONTRACT, THE CONTRACTOR REPRESENTS THAT THEY HAVE VISITED THE SITE AND HAVE FAMILIARIZED THEM SELF WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
- THE ARCHITECT WILL HAVE AUTHORITY TO REJECT WORK WHICH DOES NOT CONFORM TO THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THEIR BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, & SHORING, AND FOR COORDINATING THE WORK OF ALL SUB-CONTRACTORS.
- EACH CONTRACTOR SHALL PERFORM ALL REQUIRED CUTTING AND PATCHING FOR THEIR OWN TRADE, UNLESS OTHERWISE NOTED.
- DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS.
- CONTRACTOR SHALL PROPERLY PROTECT AND MAKE SAFE WORK PREMISES.
- THE CONTRACTOR SHALL KEEP THE WORKSITE CLEAN AND TIDY, AND AT ALL TIMES SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR TRASH CAUSED BY THEIR OPERATIONS.
- ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES AND SHALL MAINTAIN REQUIRED EMERGENCY EGRESS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE ARCHITECT, AND THEIR AGENTS AND EMPLOYEES, FROM AND AGAINST ANY CLAIMS, DAMAGES, LOSSES AND EXPENSES INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCES OF THE WORK.
- THE CONTRACTOR SHALL PAY ALL FEES AND SECURE PERMITS FROM ALL AGENCIES HAVING JURISDICTION AND AT COMPLETION SHALL SEE THAT THE PROJECT IS SIGNED OFF BY THE APPROPRIATE AUTHORITY HAVING JURISDICTION.
- WEATHER PROTECTION:** THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION AGAINST THE RAIN, WIND, STORM, FROST, OR HEAT SO AS TO MAINTAIN ALL WORK MATERIALS, APPARATUS, AND FIXTURES FROM INJURY OR DAMAGE.
- THE CONTRACTOR SHALL PROTECT ALL AREAS OUTSIDE THE CONTRACT LIMITS AND RESTORE ALL SUCH PROPERTY TO ITS CONDITION PRIOR TO THE START OF THE WORK.
- DAMAGE: ALL WORK DAMAGED BY FAILURE TO PROVIDE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT THE CONTRACTORS EXPENSE. THE CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL MATERIALS AND WORKMANSHIP UNTIL THE DATE OF OWNER'S ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSES TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING CAUSED BY REPAIR OF THEIR WORK.
- ALL FINISHES SHALL COMPLY WITH THE LIMITS FOR FIRE RESISTANCE/FLAMMABILITY AS SPECIFIED IN THE APPLICABLE INTERNATIONAL BUILDING CODE.
- ALL DEMOLITION AND RELOCATING OF EXISTING MEP SYSTEMS EFFECTING NEW PLUMBING, HVAC, AND ELECTRICAL SYSTEMS SHALL BE COORDINATED WITH RESPECTIVE SUBCONTRACTORS. RELOCATE/REWORK ALL ACTIVE MECHANICAL AND ELECTRICAL LINES WHERE REQUIRED DUE TO REMOVALS AND NEW LAYOUT. MODIFICATIONS FROM THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE COMMENCING WORK.
- CONTRACTORS SHALL COORDINATE WITH PROPERTY MANAGER AS REQUIRED WHEN ITEMS OF NEW PLUMBING WORK REQUIRE ACCESS TO ADJACENT COMMON AREAS, AND TENANT SPACES OUTSIDE AREA OF WORK. REPLACE AND RESTORE FINISHES TO MATCH AFTER COMPLETION OF WORK.
- PROVIDE ALL BLOCKING REQUIRED TO INSTALL MILLWORK, EQUIPMENT, CASEWORK, GRAB BARS, RAILINGS, ETC. TYPE AND LOCATION SHALL BE SUBJECT TO REVIEW BY ARCHITECT.
- FOAM IN PLACE INSULATION FOR SMALL GAPS AND VOIDS.
- CAULK ALL JOINTS OF DISSIMILAR MATERIALS.
- PLAN DIMENSIONS ARE TO FACE OF PARTITION AT INTERIOR AND FACE OF FOUNDATION AT EXTERIOR, UNLESS OTHERWISE NOTED.
- REFER TO OWNERS ENVIRONMENTAL REPORT REGARDING CONTAMINANTS AND ASBESTOS ON THE PROJECT SITE/BUILDING.

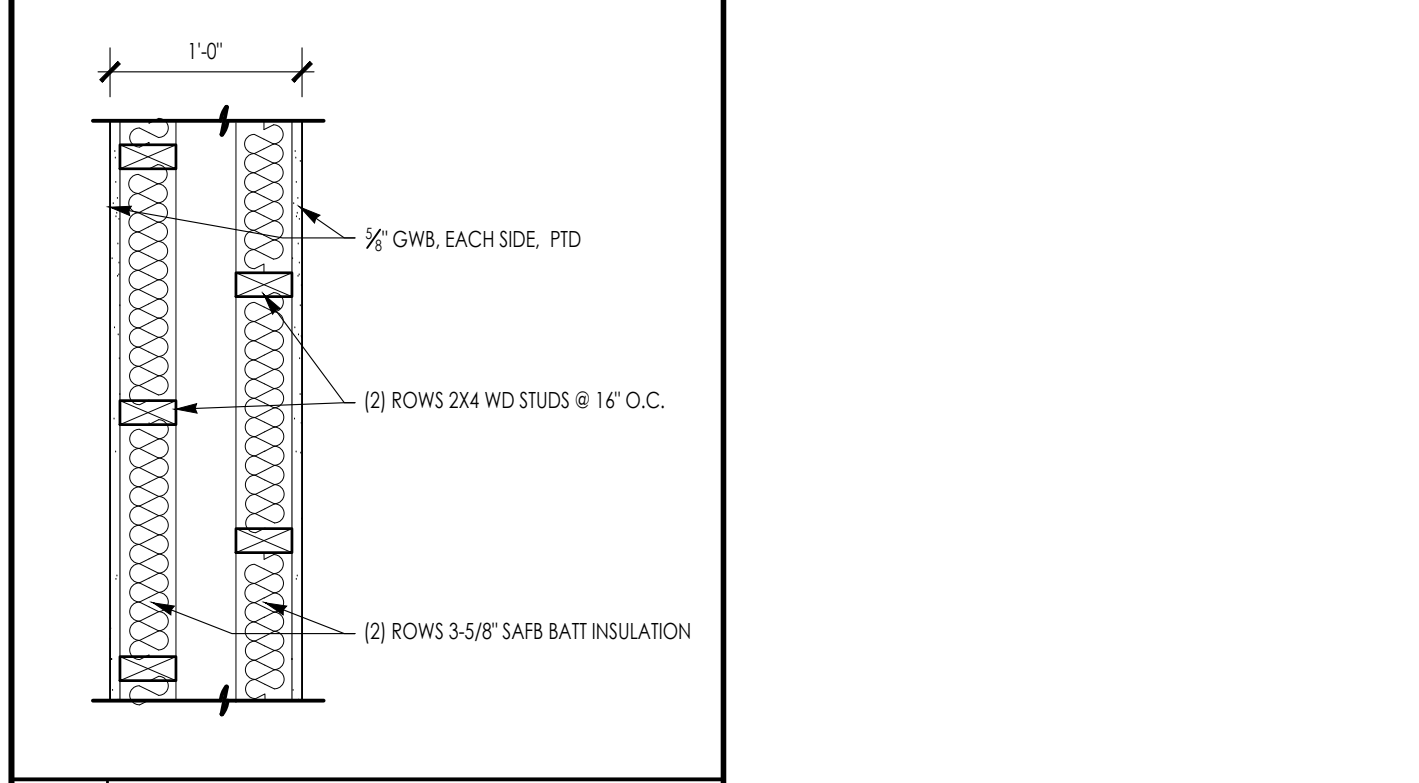


A EXTERIOR WOOD STUD WALL ASSEMBLY
SCALE: 1" = 1'-0"

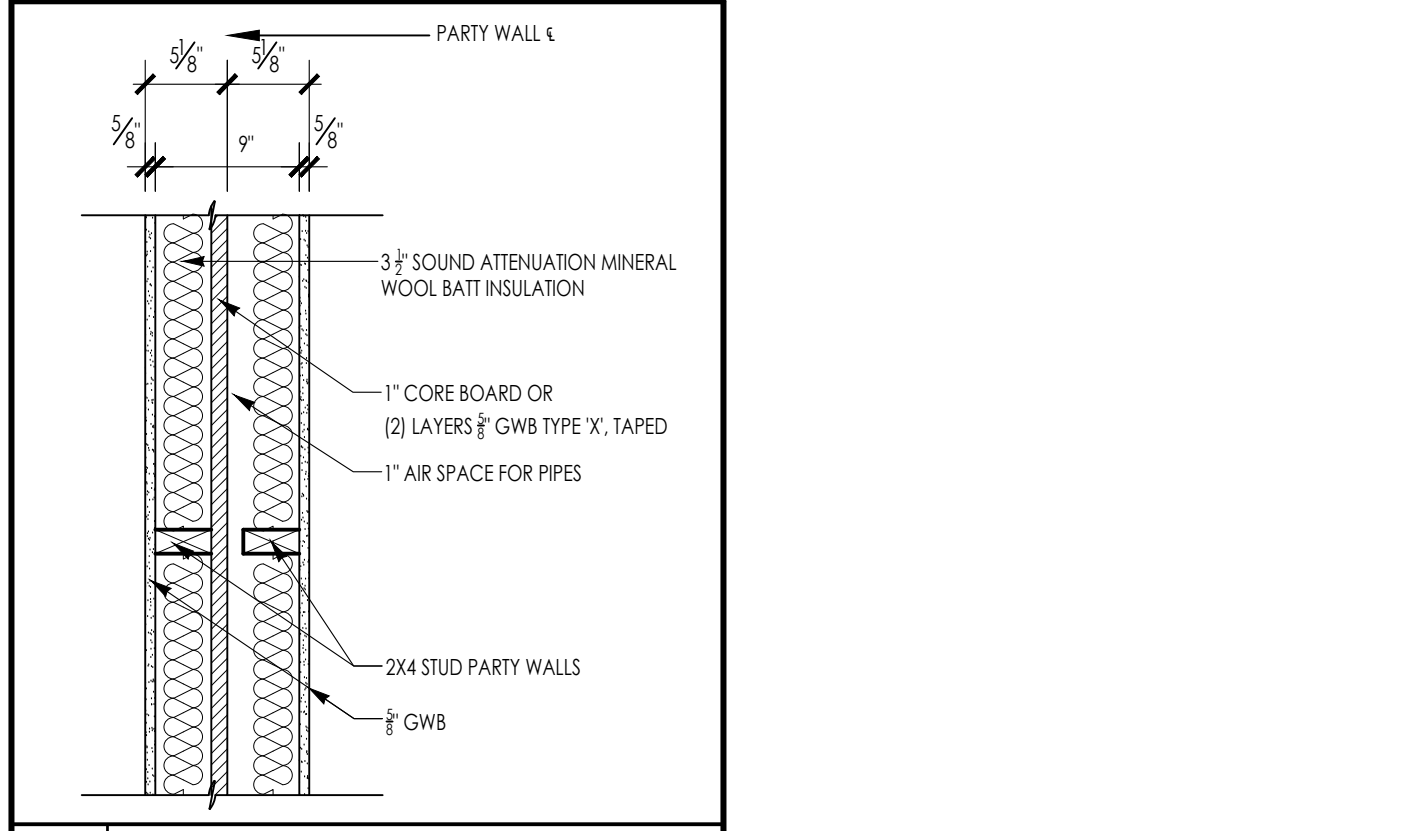
E INTERIOR 2X6 BEARING WALL ASSEMBLY
SCALE: 1" = 1'-0"



B INTERIOR WALL ASSEMBLY
SCALE: 1" = 1'-0"



C PLUMBING WALL ASSEMBLY
SCALE: 1" = 1'-0"



D PARTY WALL ASSEMBLY
SCALE: 1" = 1'-0"

CODE REVIEW

| | | | |
|---|--|---------------------------------|-------------------------------------|
| <input type="checkbox"/> NEW BUILDING | <input type="checkbox"/> EXISTING BUILDING | <input type="checkbox"/> REPAIR | <input type="checkbox"/> ALTERATION |
| <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> ADDITION | | |

A. APPLICABLE CODES:
 780 CMR: MASSACHUSETTS STATE BUILDING CODE - 9th EDITION
 2015 INTERNATIONAL BUILDING CODE W/MASSACHUSETTS AMENDMENTS
 2015 INTERNATIONAL RESIDENTIAL CODE W/MASSACHUSETTS AMENDMENTS
 2021 INTERNATIONAL ENERGY CONSERVATION CODE W/MASSACHUSETTS AMENDMENTS
 521 CMR: ARCHITECTURAL ACCESS BOARD RULES & REGULATIONS
 28 CFR ART 36: ADA ACCESSIBILITY GUIDELINES

B. BUILDING USE AND CONSTRUCTION CLASSIFICATION:

| CONSTRUCTION TYPE | CODE REF | PROPOSED |
|-----------------------|----------|----------------------------|
| USE GROUP | S306.1 | R-3 USE (2 DWELLING UNITS) |
| SEPARATED USES | T508.4 | 1-HOUR BETWEEN UNITS |
| BASE ALLOWABLE HEIGHT | T504.4 | 3-STORIES |
| BASE ALLOWABLE AREA | T506.2 | UNLIMITED |

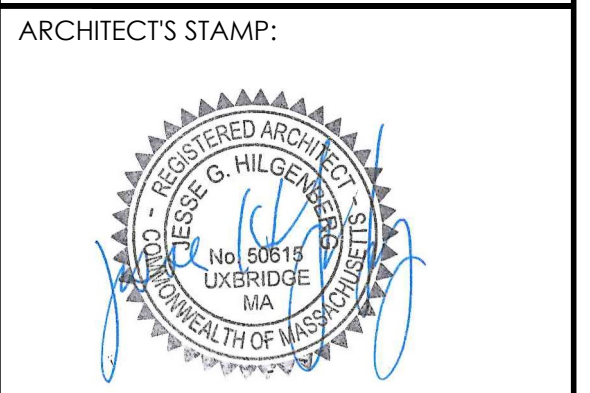
C. BUILDING ACTUAL GROSS AREA

| AREA | GROSS AREA |
|-----------------------|------------|
| TOTAL BUILDING AREA | 5,150 GSF |
| BASEMENT | 1,750 GSF |
| FIRST FLOOR | 1,750 GSF |
| SECOND FLOOR | 1,650 GSF |
| TOTAL BUILDING HEIGHT | 2 STORIES |

D. 2021 IECC - ENVELOPE INSULATION REQUIREMENTS W/STRETCH CODE

| HERS RATING REQUIRED | U-VALUE | R-VALUE |
|----------------------|-----------------|---------|
| ATTIC INSULATION | R-66 | U-0.021 |
| WOOD FRAMED WALLS | R-22 + R-6 CI | U-0.041 |
| MASS WALLS | R-14.5 CI | U-0.014 |
| FLOOR | R-33 | U-0.030 |
| BASEMENT WALL | R-14.5 + R-6 CI | U-0.045 |
| SLAB | R-11 FOR 4'-0" | |

FENESTRATION U-0.27
 GLAZED U-0.36
 SKYLIGHT U-0.50



ARCHITECT'S STAMP:

ENGINEER:

ENGINEER'S STAMP:

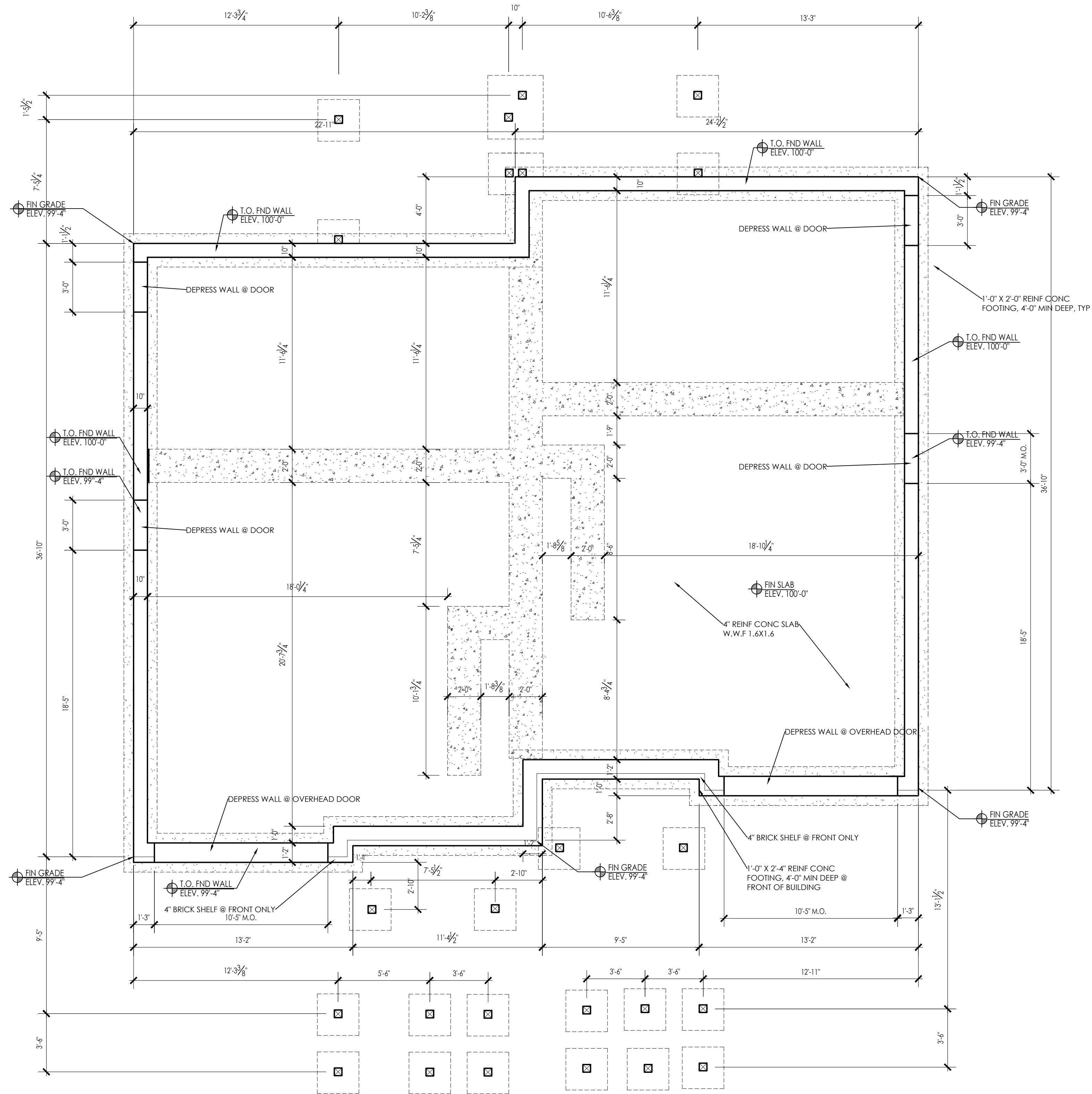
GENERAL INFORMATION:

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| <input type="checkbox"/> DESIGN DEVELOPMENT | N/A |
| <input type="checkbox"/> BID | N/A |
| <input type="checkbox"/> PERMIT | 06.10.2024 |
| <input type="checkbox"/> CONSTRUCTION | |
| <input type="checkbox"/> EXISTING CONDITIONS | |

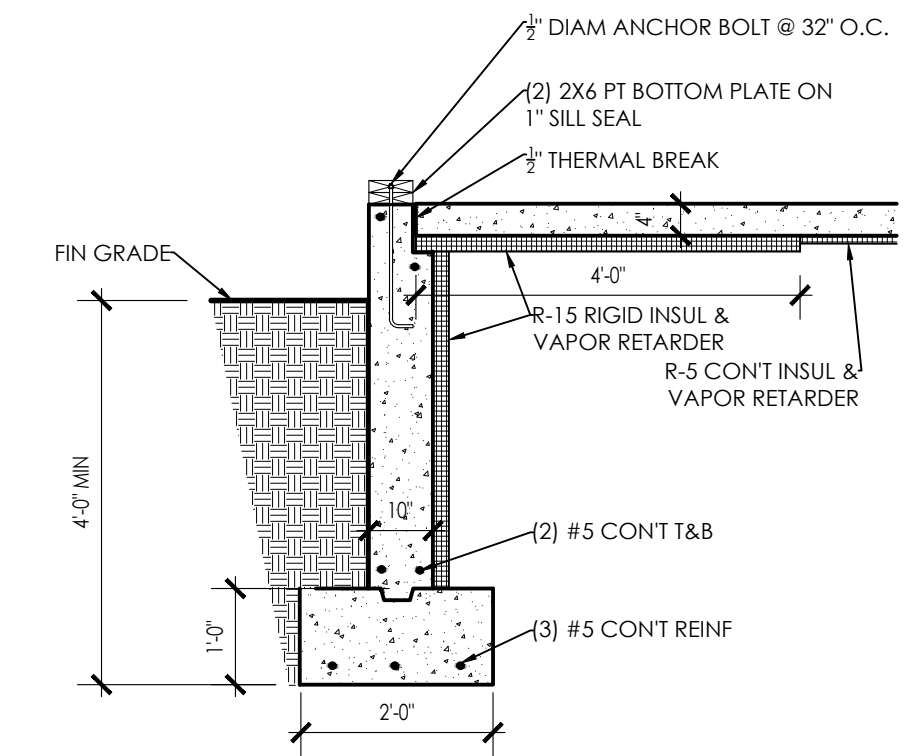
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| 3 | |
| 2 | |
| 1 | |
| REVISION DATE | |

| | |
|----------------|---|
| DATE: | 06.10.2024 |
| SCALE: | AS NOTED |
| PROJECT: | - |
| DRAWN: | JGH |
| CHECKED: | JGH |
| PROJECT TITLE: | PROPOSED DUPLEX 74-76 VALMOR STREET WORCESTER, MA 01604 |
| SHEET TITLE: | GENERAL NOTES & DETAILS |

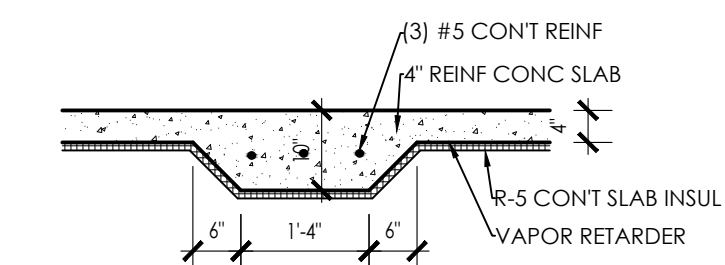
SHEET NUMBER:
T-1.1



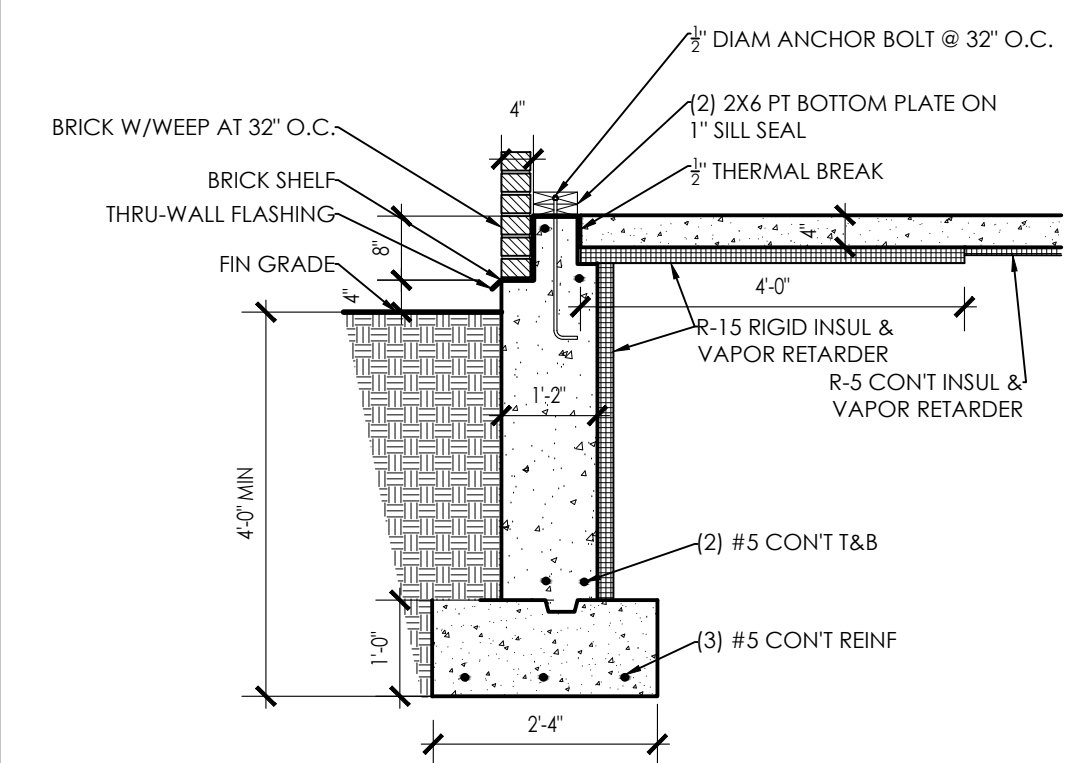
PROPOSED FOUNDATION PLAN 1
SCALE: 1/4" = 1'-0"



TYPICAL FROST WALL SECTION 2
SCALE: 1/2" = 1'-0"



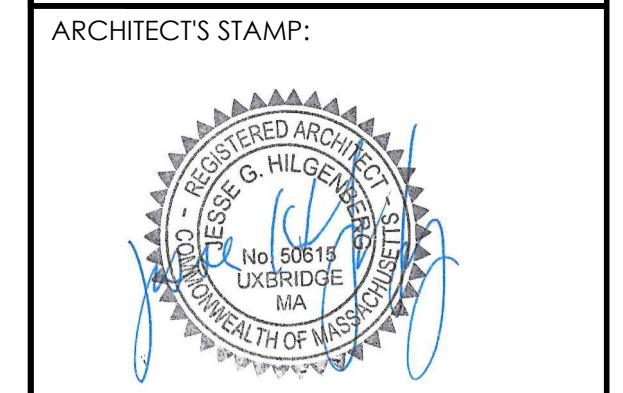
TYPICAL HAUNCHED WALL SECTION 3
SCALE: 1/2" = 1'-0"



FOUNDATION AT FRONT ELEVATION 4
SCALE: 1/2" = 1'-0"

ARCHITECT:

DIXON SALO ARCHITECTS
 INCORPORATED
 300 MAIN STREET, SUITE 200
 WORCESTER, MA 01608
 (508) 755-0333 (F) 508-752-5348
 ADMIN@DIXONSALOARCHITECTS.COM



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | |
|---------------------|------------|
| SCHEMATIC | N/A |
| DESIGN DEVELOPMENT | N/A |
| BID | N/A |
| PERMIT | 06.10.2024 |
| CONSTRUCTION | |
| EXISTING CONDITIONS | |

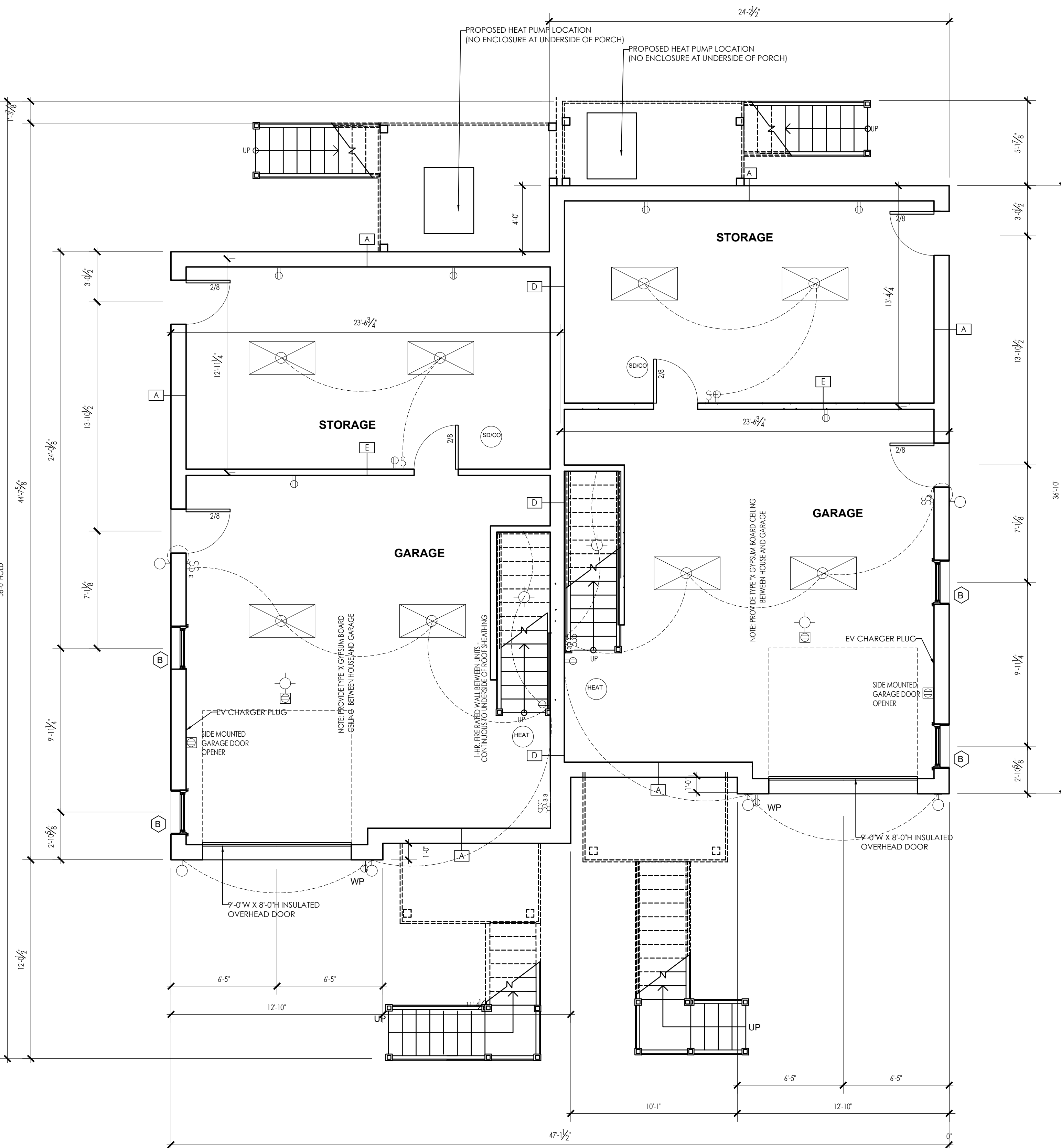
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| 4 | |
| 3 | |
| 2 | |
| 1 | |
| REVISION DATE | |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED FOUNDATION PLAN

SHEET NUMBER:
A-0.1



ALARM NOTES:
 ALL LOCAL ALARMS (SMOKE HEAT & CO) SHALL GET 120V POWER FROM THE BUILDING, AND SHALL HAVE BATTERY BACKUP. ALL LOCAL ALARMS ARE TO BE INTERCONNECTED.
 DETECTORS INDICATED AS "HEAT" SHALL BE HEAT DETECTORS.
 DETECTORS INDICATED AS "SD/CO" SHALL BE COMBINATION SMOKE (PHOTOELECTRIC) AND CARBON MONOXIDE DETECTORS.
 DETECTORS INDICATED AS "S" SHALL BE SMOKE (PHOTOELECTRIC).

PROPOSED BASEMENT PLAN 1
 SCALE: 1/4" = 1'-0"

| | |
|---------------------|------------|
| SCHEMATIC | N/A |
| DESIGN DEVELOPMENT | N/A |
| BID | N/A |
| PERMIT | 06.10.2024 |
| CONSTRUCTION | |
| EXISTING CONDITIONS | |

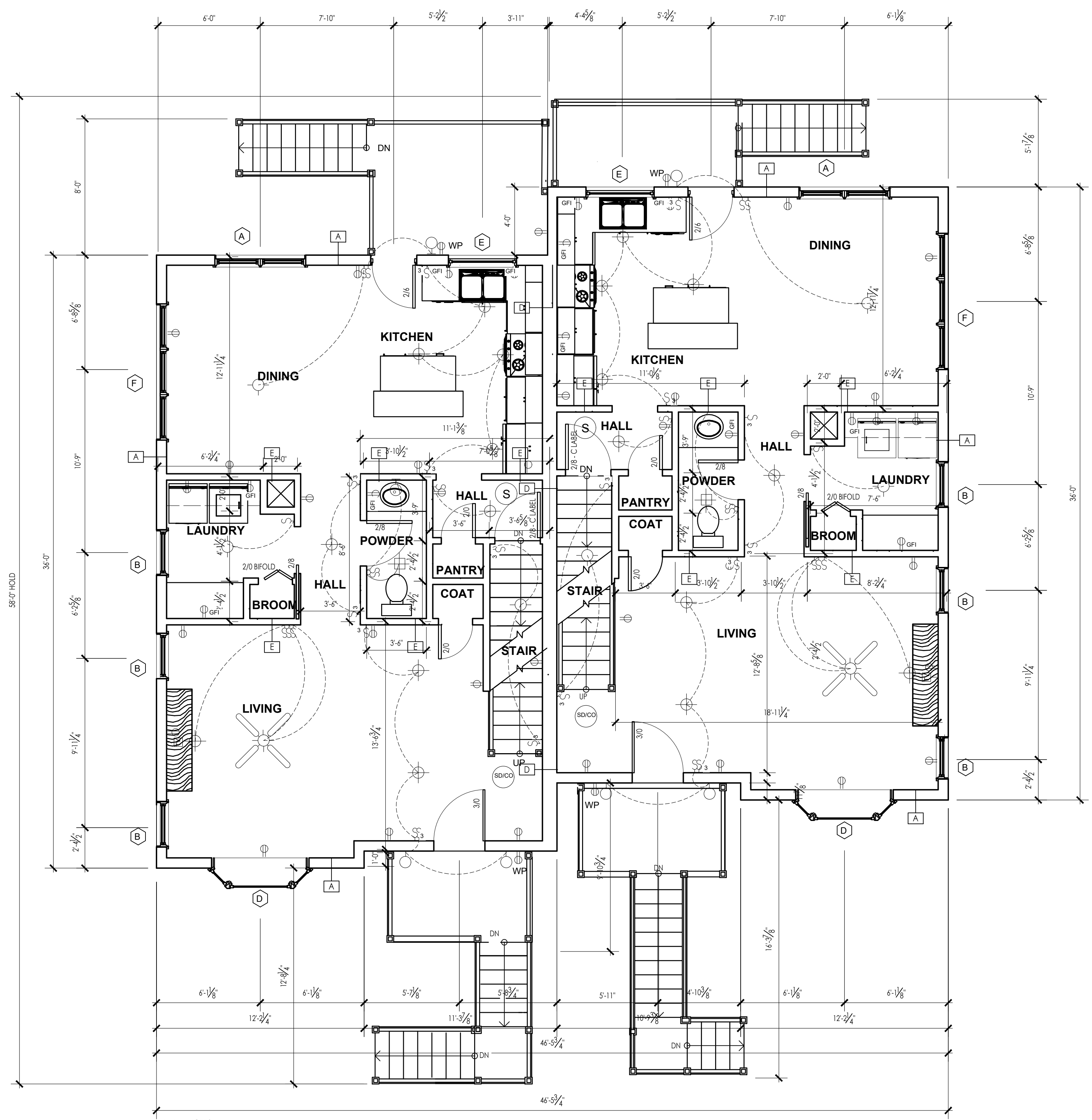
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|---|---------------|
| 4 | |
| 3 | |
| 2 | |
| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

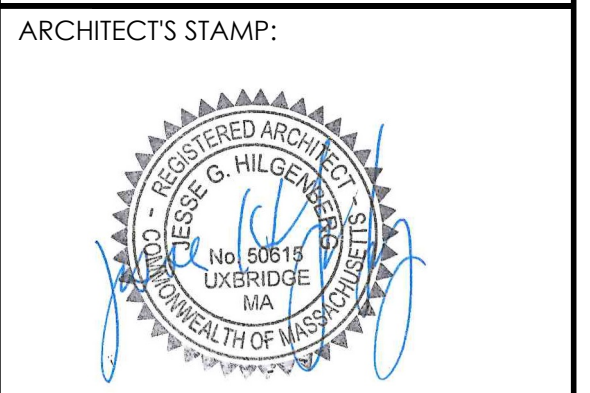
SHEET TITLE:
 PROPOSED BASEMENT PLAN

SHEET NUMBER:
A-1.0



ALARM NOTES:
 ALL LOCAL ALARMS (SMOKE HEAT & CO) SHALL GET 120V POWER FROM THE BUILDING, AND SHALL HAVE BATTERY BACKUP. ALL LOCAL ALARMS ARE TO BE INTERCONNECTED.
 DETECTORS INDICATED AS "HEAT" SHALL BE HEAT DETECTORS.
 DETECTORS INDICATED AS "SD/CO" SHALL BE COMBINATION SMOKE (PHOTOELECTRIC) AND CARBON MONOXIDE DETECTORS.
 DETECTORS INDICATED AS "S" SHALL BE SMOKE (PHOTOELECTRIC).

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



ENGINEER:
 ENGINEER'S STAMP:

GENERAL INFORMATION:

| | |
|---------------------|------------|
| SCHEMATIC | N/A |
| DESIGN DEVELOPMENT | N/A |
| BID | N/A |
| PERMIT | 06.10.2024 |
| CONSTRUCTION | |
| EXISTING CONDITIONS | |

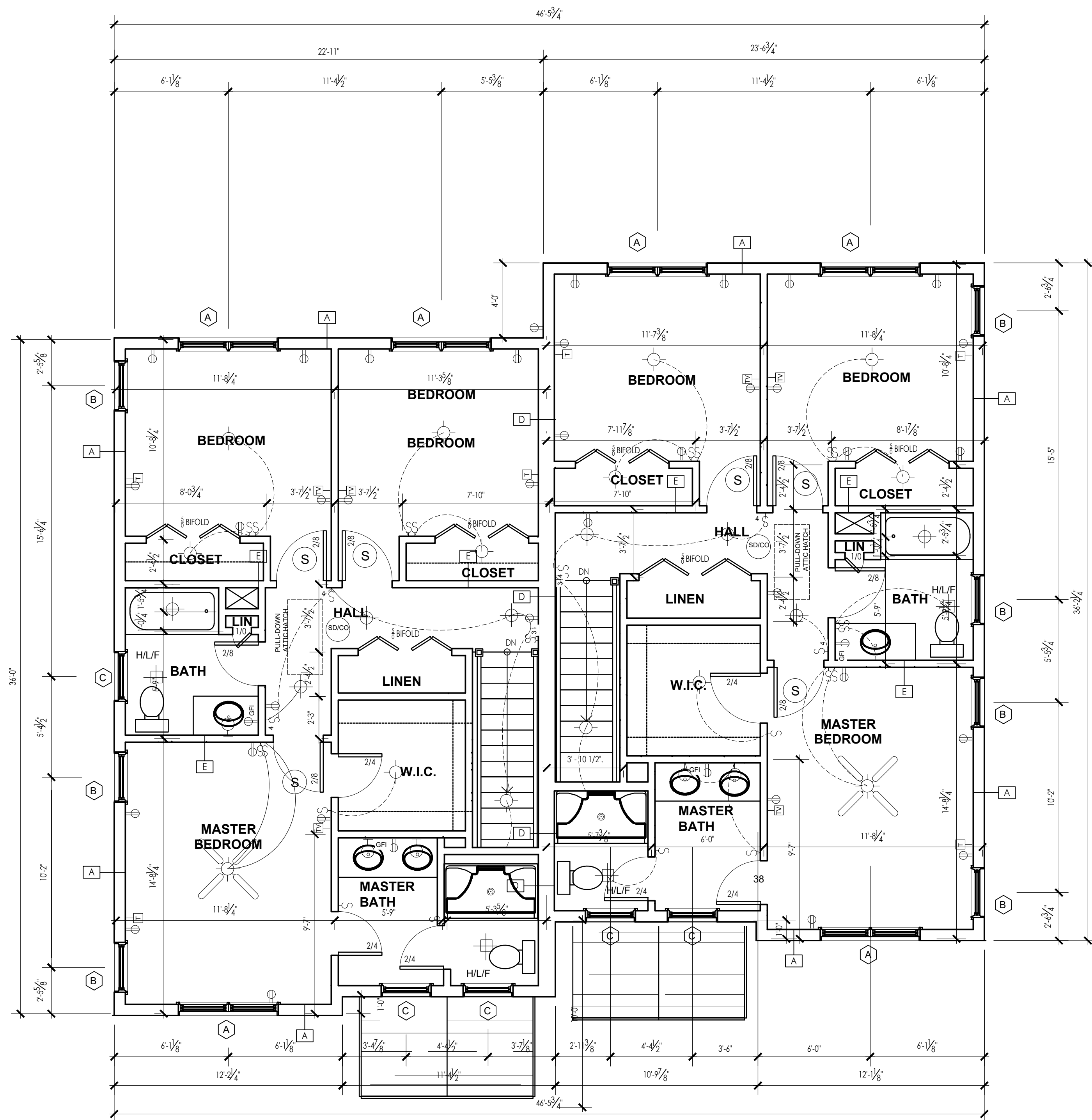
| | |
|---|---------------|
| 4 | |
| 3 | |
| 2 | |
| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED FIRST FLOOR PLAN

SHEET NUMBER:
A-1.1



ALARM NOTES:
 ALL LOCAL ALARMS (SMOKE HEAT & CO) SHALL GET 120V POWER FROM THE BUILDING AND SHALL HAVE BATTERY BACKUP. ALL LOCAL ALARMS ARE TO BE INTERCONNECTED.
 DETECTORS INDICATED AS "HEAT" SHALL BE HEAT DETECTORS.
 DETECTORS INDICATED AS "SD/CO" SHALL BE COMBINATION SMOKE (PHOTOELECTRIC) AND CARBON MONOXIDE DETECTORS.
 DETECTORS INDICATED AS "S" SHALL BE SMOKE (PHOTOELECTRIC).

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



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|--------------------------|---------------------|------------|
| <input type="checkbox"/> | SCHEMATIC | N/A |
| <input type="checkbox"/> | DESIGN DEVELOPMENT | N/A |
| <input type="checkbox"/> | BID | N/A |
| <input type="checkbox"/> | PERMIT | 06.10.2024 |
| <input type="checkbox"/> | CONSTRUCTION | |
| <input type="checkbox"/> | EXISTING CONDITIONS | |

| | |
|---|---------------|
| 4 | |
| 3 | |
| 2 | |
| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED SECOND FLOOR PLAN

SHEET NUMBER:
A-1.2



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|--------------------------|---------------------|------------|
| <input type="checkbox"/> | SCHEMATIC | N/A |
| <input type="checkbox"/> | DESIGN DEVELOPMENT | N/A |
| <input type="checkbox"/> | BID | N/A |
| <input type="checkbox"/> | PERMIT | 06.10.2024 |
| <input type="checkbox"/> | CONSTRUCTION | |
| <input type="checkbox"/> | EXISTING CONDITIONS | |

| | |
|---|---------------|
| 4 | |
| 3 | |
| 2 | |
| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED ROOF PLAN

SHEET NUMBER:
A-1.3



FIRE BLOCKING
 PROVIDE FIRE/DRAFTSTOPPING AS PER BUILDING CODE. MAXIMUM AREA OF CONCEALED SPACE IS TO ME 1000SQ.FT.
 PROVIDE FIRE BLOCKING IN CONCEALED SPACES OF STUDS VERTICALLY AT CEILING AND FLOOR LEVELS HORIZONTALLY AT INTERVALS NOT EXCEEDING 10'-0" AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES IN SPACES BETWEEN STAIR STRINGERS AT TOP AND BOTTOM OF RUN AT OPENINGS AROUND VENTS, PIPES AND DUCTS AT CEILING AND FLOOR LEVELS

NOTE:
 ALL RIDGE, VALLEY AND RAFTER BRACING TO BEAR ON LOAD BEARING WALLS DESIGNED TO CARRY LOAD THROUGH ALL LEVELS AND TERMINATE AT FOUNDATION DESIGNED TO CARRY LOAD.

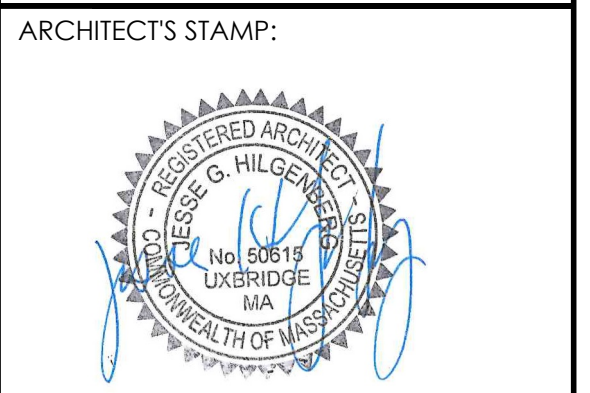
NOTE:
 SEE SHEET S 104 FOR ROOF FRAMING

NOTE:
 FIELD VERIFY ALL BEARING HEIGHTS

NOTE:
 ROOF OVERHANG IS 1'-4" UNLESS NOTED OTHERWISE

NOTE:
 VENTILATION SHALL COMPLY WITH CODE. ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATION OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATING OPENINGS SHALL BE PROVIDED WITH CORROSION-RESISTANT WIRE MESH.

PROPOSED ROOF PLAN 
 SCALE: 1/4" = 1'-0"



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | |
|---------------------|------------|
| SCHEMATIC | N/A |
| DESIGN DEVELOPMENT | N/A |
| BID | N/A |
| PERMIT | 06.10.2024 |
| CONSTRUCTION | N/A |
| EXISTING CONDITIONS | N/A |

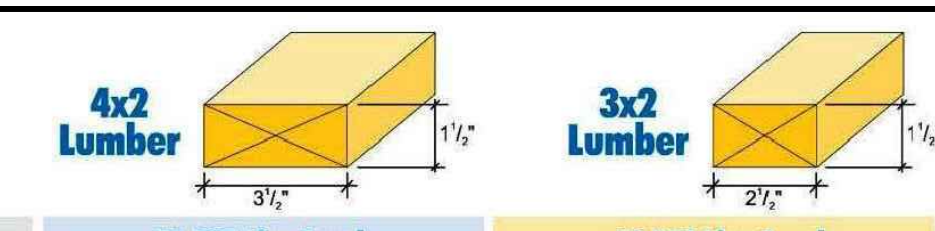
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| 2 | |
| 1 | |
| REVISION DATE | |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED SECOND FLOOR FRAMING PLAN

SHEET NUMBER:
A-2.2



| Center Spacing | Deflection Limit | 40 PSF Live Load / 55 PSF Total Load | | | | | 40 PSF Live Load / 55 PSF Total Load | | | | | | |
|----------------|------------------|--------------------------------------|------|------|------|------|--------------------------------------|------|------|------|------|------|------|
| | | 12" | 14" | 16" | 18" | 20" | 12" | 14" | 16" | 18" | 20" | | |
| 16" o.c. | L360 | 222" | 241" | 261" | 288" | 304" | 311" | 190" | 209" | 224" | 231" | 253" | 267" |
| | L480 | 202" | 227" | 241" | 272" | 294" | 315" | 180" | 202" | 224" | 231" | 253" | 267" |
| 19.2" o.c. | L360 | 209" | 228" | 244" | 269" | 278" | 290" | 173" | 189" | 203" | 217" | 221" | 241" |
| | L480 | 181" | 213" | 230" | 257" | 278" | 290" | 161" | 189" | 203" | 217" | 221" | 241" |
| 24" o.c. | L360 | 185" | 201" | 217" | 231" | 245" | 259" | 152" | 167" | 171" | 191" | 202" | 213" |
| | L480 | 177" | 193" | 217" | 231" | 245" | 259" | 152" | 167" | 171" | 191" | 202" | 213" |

L/480 Live Load Deflection

| Depth | TJI® | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|---------|--------|-------------------------------------|------------|------------|-------------|-------------------------------------|------------|-------------|-------------|
| | | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 9 1/2" | 110 | 16'-11" | 15'-6" | 14'-7" | 13'-7" | 16'-11" | 15'-6" | 14'-3" | 12'-9" |
| | 210 | 17'-9" | 16'-3" | 15'-4" | 14'-3" | 17'-9" | 16'-3" | 15'-4" | 14'-0" |
| | 230 | 18'-3" | 16'-8" | 15'-9" | 14'-8" | 18'-3" | 16'-8" | 15'-9" | 14'-8" |
| 11 1/4" | 110 | 20'-2" | 18'-5" | 17'-4" | 13'-9 1/2" | 20'-2" | 17'-8" | 16'-1 1/2" | 14'-4 1/2" |
| | 210 | 21'-1" | 19'-3" | 18'-2" | 16'-11" | 21'-1" | 19'-3" | 17'-8" | 15'-9 1/2" |
| | 230 | 21'-8" | 19'-10" | 18'-8" | 17'-5" | 21'-8" | 19'-10" | 18'-7" | 16'-7 1/2" |
| 14" | 360 | 22'-11" | 20'-11" | 19'-8" | 18'-4" | 22'-11" | 20'-11" | 19'-8" | 17'-10 1/2" |
| | 560 | 26'-1" | 23'-8" | 22'-4" | 20'-9" | 26'-1" | 23'-8" | 22'-4" | 20'-9 1/2" |
| | 110 | 22'-10" | 20'-11" | 19'-2" | 17'-2 1/2" | 22'-2" | 19'-2" | 17'-6 1/2" | 15'-0 1/2" |
| 16" | 210 | 23'-11" | 21'-10" | 20'-8" | 18'-10 1/2" | 23'-11" | 21'-8" | 19'-2 1/2" | 16'-7 1/2" |
| | 230 | 24'-3" | 22'-6" | 21'-2" | 19'-9 1/2" | 24'-3" | 22'-2" | 20'-3 1/2" | 17'-6 1/2" |
| | 360 | 26'-0" | 23'-8" | 22'-4" | 20'-9 1/2" | 26'-0" | 23'-8" | 22'-4 1/2" | 17'-10 1/2" |
| 18" | 560 | 29'-6" | 26'-10" | 25'-4" | 23'-6" | 29'-6" | 26'-10" | 25'-4 1/2" | 20'-11 1/2" |
| | 210 | 26'-6" | 24'-3" | 22'-6 1/2" | 19'-11 1/2" | 26'-0" | 22'-6 1/2" | 20'-7 1/2" | 16'-7 1/2" |
| | 230 | 27'-3" | 24'-10" | 23'-6" | 21'-1 1/2" | 27'-3" | 23'-9" | 21'-8 1/2" | 17'-6 1/2" |
| 360 | 28'-9" | 26'-3" | 24'-8 1/2" | 21'-5 1/2" | 28'-9" | 26'-3 1/2" | 22'-8 1/2" | 17'-10 1/2" | |
| 560 | 32'-8" | 29'-8" | 29'-8" | 25'-2 1/2" | 32'-8" | 29'-8" | 28'-3 1/2" | 20'-11 1/2" | |

L/360 Live Load Deflection (Minimum Criteria per Code)

| Depth | TJI® | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|---------|--------|-------------------------------------|------------|-------------|-------------|-------------------------------------|-------------|-------------|-------------|
| | | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 9 1/2" | 110 | 18'-9" | 17'-2" | 15'-8" | 14'-0" | 18'-1" | 15'-8" | 14'-3" | 12'-9" |
| | 210 | 19'-8" | 18'-0" | 17'-0" | 15'-4" | 19'-8" | 17'-2" | 15'-8" | 14'-0" |
| | 230 | 20'-3" | 18'-6" | 17'-5" | 16'-2" | 20'-3" | 18'-1" | 16'-6" | 14'-0" |
| 11 1/4" | 110 | 22'-3" | 19'-4" | 17'-8" | 15'-9 1/2" | 20'-5" | 17'-8" | 16'-1 1/2" | 14'-4 1/2" |
| | 210 | 23'-4" | 21'-2" | 19'-4" | 17'-3 1/2" | 22'-4" | 19'-4" | 17'-8" | 15'-9 1/2" |
| | 230 | 24'-0" | 21'-11" | 20'-5" | 18'-3" | 23'-7" | 20'-5" | 18'-7" | 16'-7 1/2" |
| 14" | 360 | 25'-4" | 23'-2" | 21'-10" | 20'-4 1/2" | 23'-2" | 21'-10 1/2" | 17'-10 1/2" | 17'-10 1/2" |
| | 560 | 28'-10" | 26'-3" | 24'-9" | 23'-0" | 28'-10" | 26'-3" | 24'-9" | 20'-11 1/2" |
| | 110 | 24'-4" | 21'-0" | 19'-2" | 17'-2 1/2" | 22'-2" | 19'-2" | 17'-6 1/2" | 15'-0 1/2" |
| 16" | 210 | 26'-6" | 23'-1" | 21'-1" | 18'-10 1/2" | 24'-4" | 21'-1" | 19'-2 1/2" | 16'-7 1/2" |
| | 230 | 27'-3" | 24'-4" | 22'-2" | 19'-10 1/2" | 25'-8" | 22'-2" | 20'-3 1/2" | 17'-6 1/2" |
| | 360 | 28'-9" | 26'-3" | 24'-9 1/2" | 21'-5 1/2" | 28'-9" | 26'-3 1/2" | 22'-4 1/2" | 17'-10 1/2" |
| 560 | 32'-8" | 29'-8" | 28'-0" | 25'-2 1/2" | 32'-8" | 29'-8" | 28'-3 1/2" | 20'-11 1/2" | |
| 18" | 210 | 28'-6" | 24'-8" | 22'-6 1/2" | 19'-11 1/2" | 26'-0" | 22'-6 1/2" | 20'-7 1/2" | 16'-7 1/2" |
| | 230 | 30'-1" | 26'-0" | 23'-9" | 21'-1 1/2" | 27'-4" | 23'-9" | 21'-8 1/2" | 17'-6 1/2" |
| | 360 | 31'-10" | 29'-0" | 26'-10 1/2" | 21'-5 1/2" | 31'-10" | 28'-10 1/2" | 22'-4 1/2" | 17'-10 1/2" |
| 560 | 36'-1" | 32'-11" | 31'-0 1/2" | 25'-2 1/2" | 36'-1" | 31'-5 1/2" | 28'-3 1/2" | 20'-11 1/2" | |

(1) Web stiffeners are required at intermediate supports of continuous-span joists when the intermediate bearing length is less than 5/16" and the span on either side of the intermediate bearing is greater than the following spans:

| TJI® | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|------|-------------------------------------|----------|------------|----------|-------------------------------------|----------|------------|----------|
| | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 110 | N.A. | N.A. | N.A. | 15'-4" | N.A. | N.A. | 16'-0" | 12'-9" |
| 210 | N.A. | N.A. | 21'-4" | 17'-0" | N.A. | 21'-4" | 17'-9" | 14'-2" |
| 230 | N.A. | N.A. | N.A. | 19'-2" | N.A. | N.A. | 19'-11" | 15'-11" |
| 360 | N.A. | N.A. | 24'-5" | 19'-6" | N.A. | 24'-5" | 20'-4" | 16'-3" |
| 560 | N.A. | N.A. | 29'-10" | 23'-10" | N.A. | 29'-10" | 24'-10" | 19'-10" |

* Long-term deflection under dead load, which includes the effect of creep, has not been considered. **Bold Italic** spans reflect initial dead load deflection exceeding 0.33".



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

| Center Spacing | Deflection Limit | 4x2 Lumber | | | | | 3x2 Lumber | | | | | | |
|----------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 12" | 14" | 16" | 18" | 20" | 12" | 14" | 16" | 18" | 20" | | |
| 16" o.c. | L360 L480 | 222" 202" | 241" 227" | 261" 241" | 288" 272" | 304" 294" | 311" 310" | 190" 180" | 209" 202" | 224" 224" | 231" 231" | 253" 253" | 267" 267" |
| 19.2" o.c. | L360 L480 | 209" 181" | 228" 213" | 244" 230" | 260" 257" | 276" 270" | 290" 290" | 173" 161" | 189" 193" | 203" 203" | 217" 217" | 221" 221" | 241" 241" |
| 24" o.c. | L360 L480 | 185" 177" | 201" 199" | 217" 217" | 231" 231" | 245" 245" | 259" 259" | 152" 152" | 167" 167" | 171" 171" | 191" 191" | 202" 202" | 213" 213" |

L/480 Live Load Deflection

| Depth | TJI [®] | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|---------|------------------|-------------------------------------|----------|-----------------------|------------------------|-------------------------------------|-----------------------|-----------------------|------------------------|
| | | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 9 1/2" | 110 | 16'-11" | 15'-6" | 14'-7" | 13'-7" | 16'-11" | 15'-6" | 14'-3" | 12'-9" |
| | 210 | 17'-9" | 16'-3" | 15'-4" | 14'-3" | 17'-9" | 16'-3" | 15'-4" | 14'-0" |
| | 360 | 18'-5" | 16'-8" | 15'-9" | 14'-8" | 18'-5" | 16'-8" | 15'-9" | 14'-8" |
| 11 1/4" | 110 | 20'-2" | 18'-5" | 17'-4" | 13'-9" ⁽¹⁾ | 20'-2" | 17'-8" | 16'-1" ⁽¹⁾ | 14'-4" ⁽¹⁾ |
| | 210 | 21'-1" | 19'-3" | 18'-2" | 16'-11" | 21'-1" | 19'-3" | 17'-8" | 15'-9" ⁽¹⁾ |
| | 360 | 21'-8" | 19'-10" | 18'-8" | 17'-5" | 21'-8" | 19'-10" | 18'-7" | 16'-7" ⁽¹⁾ |
| 14" | 110 | 22'-10" | 20'-11" | 19'-2" | 17'-2" ⁽¹⁾ | 22'-2" | 19'-2" | 17'-6" ⁽¹⁾ | 15'-0" ⁽¹⁾ |
| | 210 | 23'-11" | 21'-10" | 20'-8" | 18'-10" ⁽¹⁾ | 23'-11" | 21'-8" | 19'-2" ⁽¹⁾ | 16'-7" ⁽¹⁾ |
| | 360 | 24'-3" | 22'-6" | 21'-4" | 19'-9" ⁽¹⁾ | 24'-3" | 22'-3" | 20'-3" ⁽¹⁾ | 17'-6" ⁽¹⁾ |
| 16" | 110 | 26'-0" | 23'-8" | 22'-4" | 20'-9" ⁽¹⁾ | 26'-0" | 23'-8" | 22'-4" ⁽¹⁾ | 17'-10" ⁽¹⁾ |
| | 210 | 26'-6" | 24'-3" | 22'-6" ⁽¹⁾ | 19'-11" ⁽¹⁾ | 26'-0" | 22'-6" ⁽¹⁾ | 20'-7" ⁽¹⁾ | 16'-7" ⁽¹⁾ |
| | 360 | 27'-3" | 24'-10" | 23'-6" | 21-1" ⁽¹⁾ | 27'-3" | 23'-9" | 21'-6" ⁽¹⁾ | 17'-6" ⁽¹⁾ |

L/360 Live Load Deflection (Minimum Criteria per Code)

| Depth | TJI [®] | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|---------|------------------|-------------------------------------|----------|------------|------------------------|-------------------------------------|------------------------|------------------------|------------------------|
| | | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 9 1/2" | 110 | 18'-9" | 17'-2" | 15'-8" | 14'-0" | 18'-1" | 15'-8" | 14'-3" | 12'-9" |
| | 210 | 19'-8" | 18'-0" | 17'-0" | 15'-4" | 19'-8" | 17'-2" | 15'-8" | 14'-0" |
| | 360 | 20'-3" | 18'-6" | 17'-5" | 16'-2" | 20'-3" | 18'-1" | 16'-6" | 14'-9" |
| 11 1/4" | 110 | 22'-3" | 19'-4" | 17'-8" | 15'-9" ⁽¹⁾ | 20'-5" | 17'-8" | 16'-1" ⁽¹⁾ | 14'-4" ⁽¹⁾ |
| | 210 | 23'-4" | 21'-2" | 19'-4" | 17'-3" ⁽¹⁾ | 22'-4" | 19'-4" | 17'-8" | 15'-9" ⁽¹⁾ |
| | 360 | 23'-4" | 21'-2" | 19'-4" | 17'-3" ⁽¹⁾ | 23'-7" | 20'-5" | 18'-7" | 16'-7" ⁽¹⁾ |
| 14" | 110 | 24'-4" | 21'-0" | 19'-2" | 17'-2" ⁽¹⁾ | 23'-2" | 21'-10" ⁽¹⁾ | 17'-10" ⁽¹⁾ | 14'-10" ⁽¹⁾ |
| | 210 | 24'-4" | 21'-0" | 19'-2" | 17'-2" ⁽¹⁾ | 23'-2" | 21'-10" ⁽¹⁾ | 17'-10" ⁽¹⁾ | 14'-10" ⁽¹⁾ |
| | 360 | 24'-4" | 21'-0" | 19'-2" | 17'-2" ⁽¹⁾ | 23'-2" | 21'-10" ⁽¹⁾ | 17'-10" ⁽¹⁾ | 14'-10" ⁽¹⁾ |
| 16" | 110 | 26'-6" | 23'-1" | 21'-1" | 18'-10" ⁽¹⁾ | 24'-4" | 21'-1" | 19'-2" ⁽¹⁾ | 16'-7" ⁽¹⁾ |
| | 210 | 26'-6" | 23'-1" | 21'-1" | 18'-10" ⁽¹⁾ | 24'-4" | 21'-1" | 19'-2" ⁽¹⁾ | 16'-7" ⁽¹⁾ |
| | 360 | 26'-6" | 23'-1" | 21'-1" | 18'-10" ⁽¹⁾ | 24'-4" | 21'-1" | 19'-2" ⁽¹⁾ | 16'-7" ⁽¹⁾ |

(1) Web stiffeners are required at intermediate supports of continuous-span joists when the intermediate bearing length is less than 5/8" and the span on either side of the intermediate bearing is greater than the following spans:

| TJI [®] | 40 PSF Live Load / 10 PSF Dead Load | | | | 40 PSF Live Load / 20 PSF Dead Load | | | |
|------------------|-------------------------------------|----------|------------|----------|-------------------------------------|----------|------------|----------|
| | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. | 12" o.c. | 16" o.c. | 19.2" o.c. | 24" o.c. |
| 110 | N.A. | N.A. | N.A. | 15'-4" | N.A. | N.A. | 16'-0" | 12'-9" |
| 210 | N.A. | N.A. | 21'-4" | 17'-0" | N.A. | 21'-4" | 17'-9" | 14'-2" |
| 360 | N.A. | N.A. | 19'-2" | N.A. | N.A. | 19'-11" | 15'-11" | N.A. |



* Long-term deflection under dead load, which includes the effect of creep, has not been considered. **Italic** spans reflect initial dead load deflection exceeding 0.33".



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|---|---------------------|------------|
|  | SCHEMATIC | N/A |
|  | DESIGN DEVELOPMENT | N/A |
|  | BID | N/A |
|  | PERMIT | 06.10.2024 |
|  | CONSTRUCTION | |
|  | EXISTING CONDITIONS | |

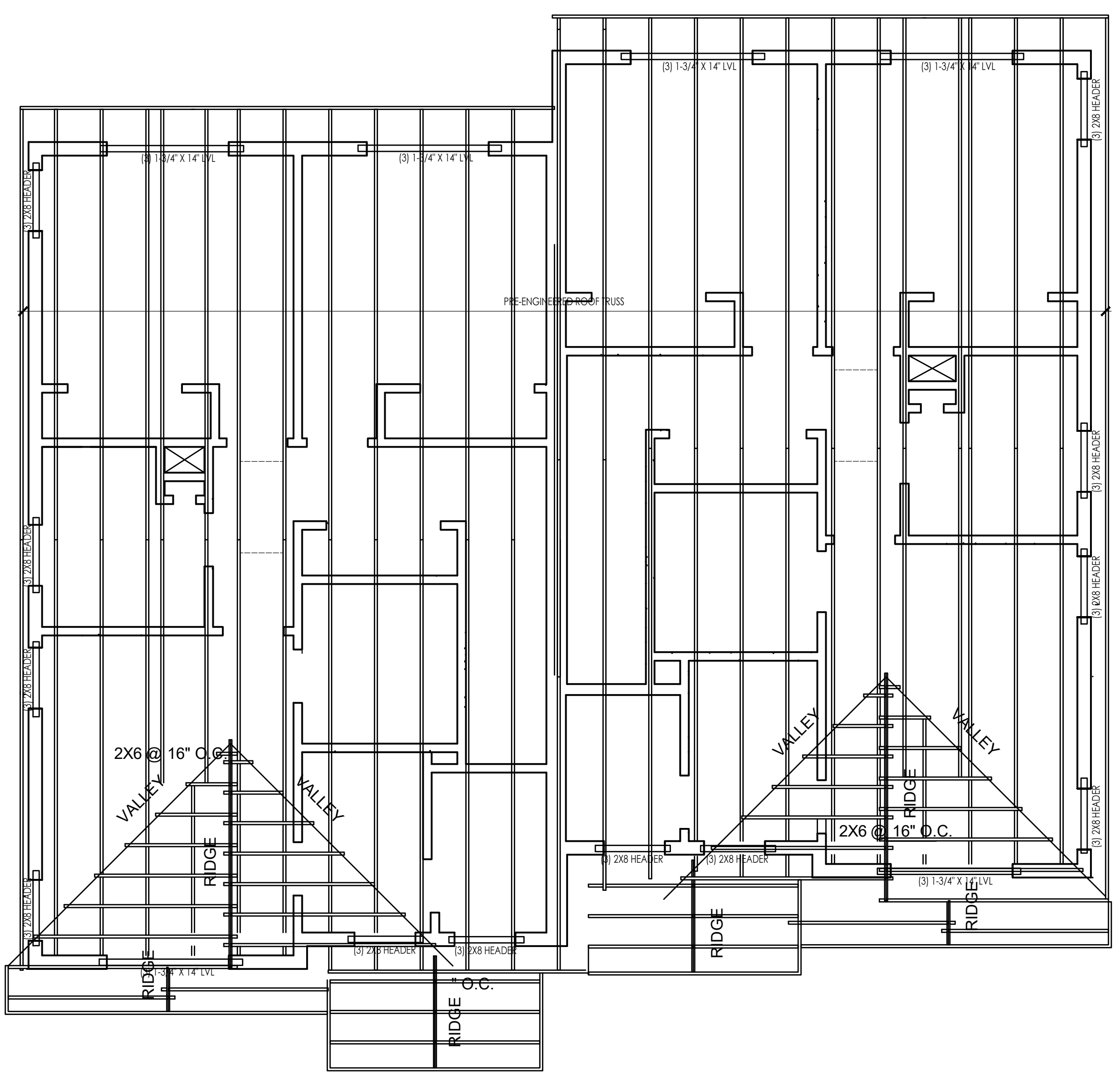
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| REVISION DATE | |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED ROOF FRAMING PLAN

SHEET NUMBER:
A-2.3



PROPOSED ROOF FRAMING PLAN 1
 SCALE: 1/4" = 1'-0"

| | | |
|--|---------------------|------------|
| | SCHEMATIC | N/A |
| | DESIGN DEVELOPMENT | N/A |
| | BID | N/A |
| | PERMIT | 06.10.2024 |
| | CONSTRUCTION | |
| | EXISTING CONDITIONS | |

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| 4 | |
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| 1 | |
| | REVISION DATE |

| | |
|----------|------------|
| DATE: | 06.10.2024 |
| SCALE: | AS NOTED |
| PROJECT: | - |
| DRAWN: | JGH |
| CHECKED: | JGH |

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED FRONT BUILDING ELEVATION

SHEET NUMBER:
A-3.1



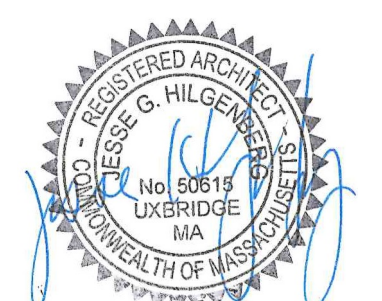
PROPOSED FRONT BUILDING ELEVATION 1
 SCALE: 1/4" = 1'-0" A-3.1



PROPOSED RIGHT SIDE BUILDING ELEVATION 1
SCALE: 1/4" = 1'-0" A-3.2

ARCHITECT:

DIXON SALO ARCHITECTS
 INCORPORATED
 300 MAIN STREET
 WORCESTER, MASSACHUSETTS 01508-3723
 (508) 755-0333
 ADMIN@DIXONSALOARCHITECTS.COM

ARCHITECT'S STAMP:


ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

- SCHEMATIC N/A
- DESIGN DEVELOPMENT N/A
- BID N/A
- PERMIT 06.10.2024
- CONSTRUCTION
- EXISTING CONDITIONS

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| 4 | |
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| 2 | |
| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED RIGHT SIDE BUILDING
 ELEVATION

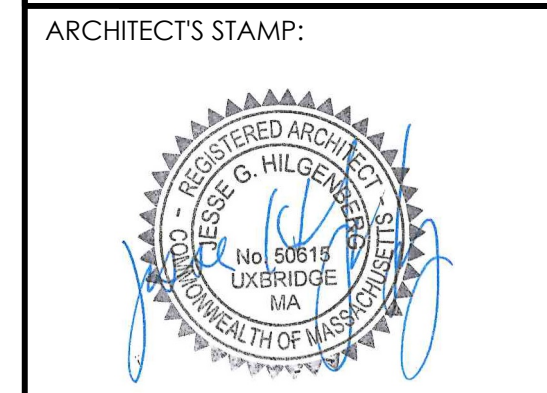
SHEET NUMBER:
A-3.2



PROPOSED REAR BUILDING ELEVATION 1
A-3.3
SCALE: 1/4" = 1'-0"

ARCHITECT:

DIXON SALO ARCHITECTS INCORPORATED
 300 MAIN STREET, SUITE 200
 WORCESTER, MA 01604
 (508) 755-0333 (F) 508-752-5348
 ADMIN@DIXONSALOARCHITECTS.COM



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|--|---------------------|------------|
| | SCHMATIC | N/A |
| | DESIGN DEVELOPMENT | N/A |
| | BID | N/A |
| | PERMIT | 06.10.2024 |
| | CONSTRUCTION | |
| | EXISTING CONDITIONS | |

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| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED REAR BUILDING ELEVATION

SHEET NUMBER:
A-3.3



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

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|--|---------------------|------------|
| | SCHEMATIC | N/A |
| | DESIGN DEVELOPMENT | N/A |
| | BID | N/A |
| | PERMIT | 06.10.2024 |
| | CONSTRUCTION | |
| | EXISTING CONDITIONS | |

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| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

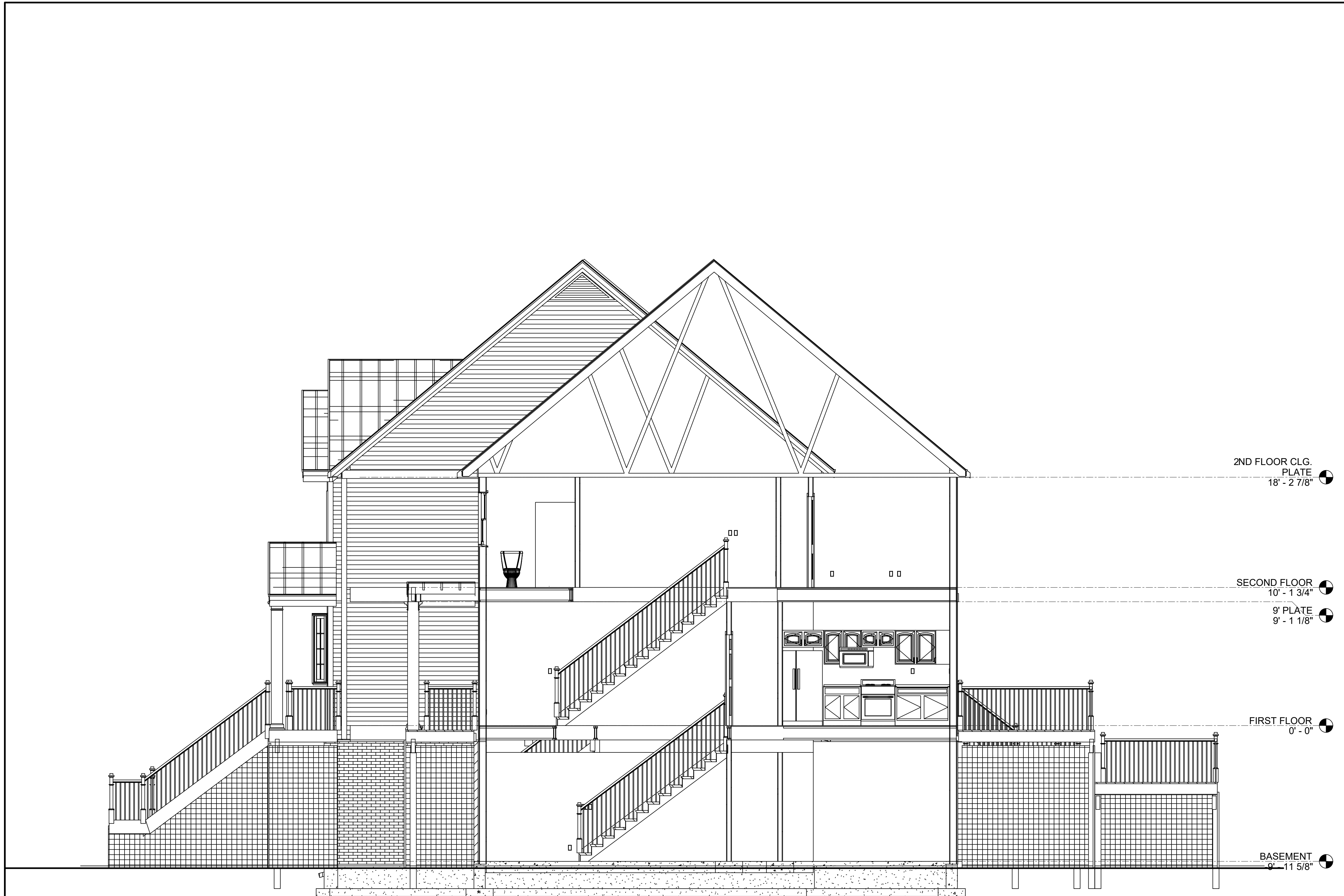
PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED LEFT SIDE BUILDING ELEVATION

SHEET NUMBER:
A-3.4

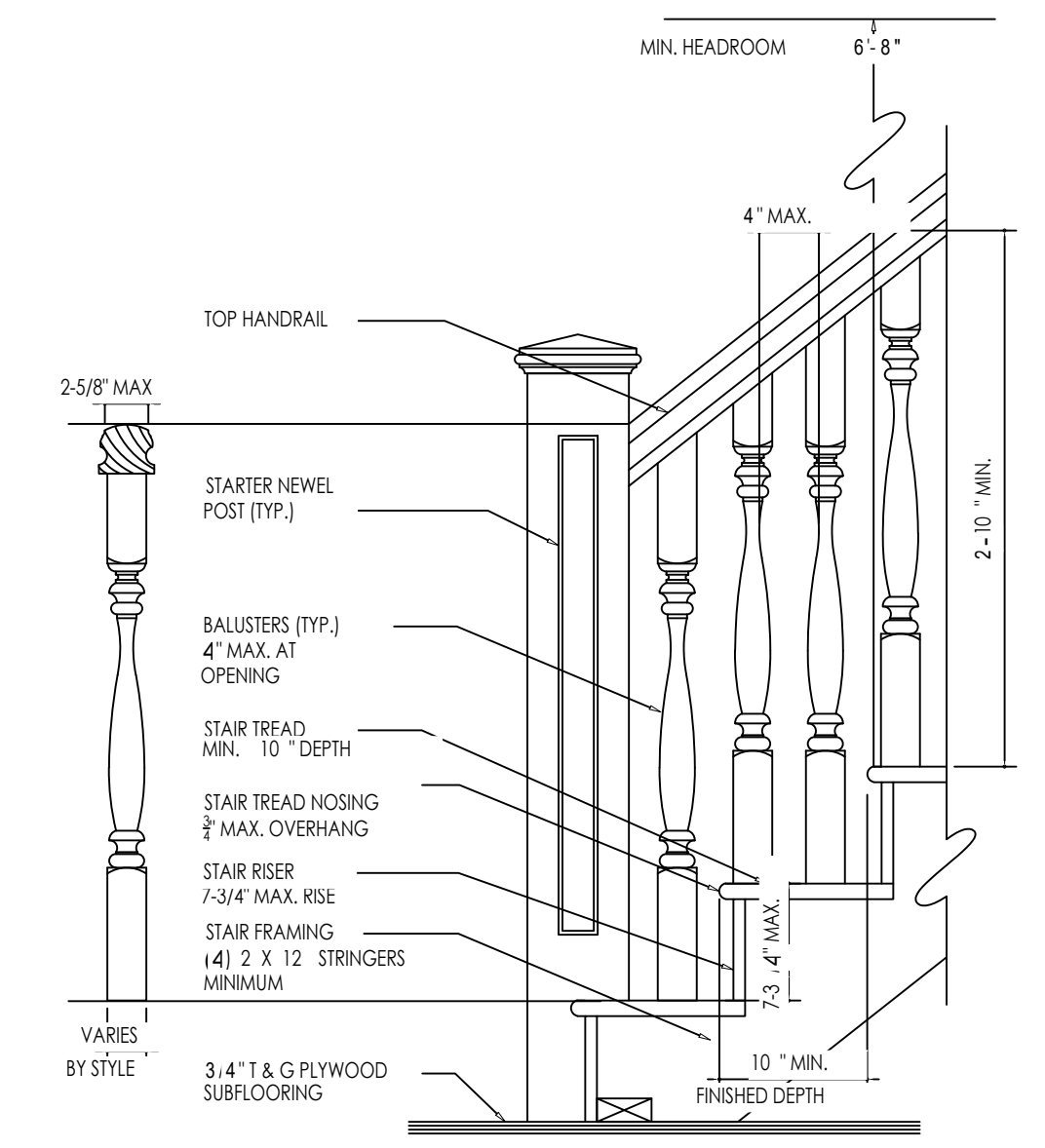


PROPOSED LEFT SIDE BUILDING ELEVATION 1
 SCALE: 1/4" = 1'-0" A-3.4

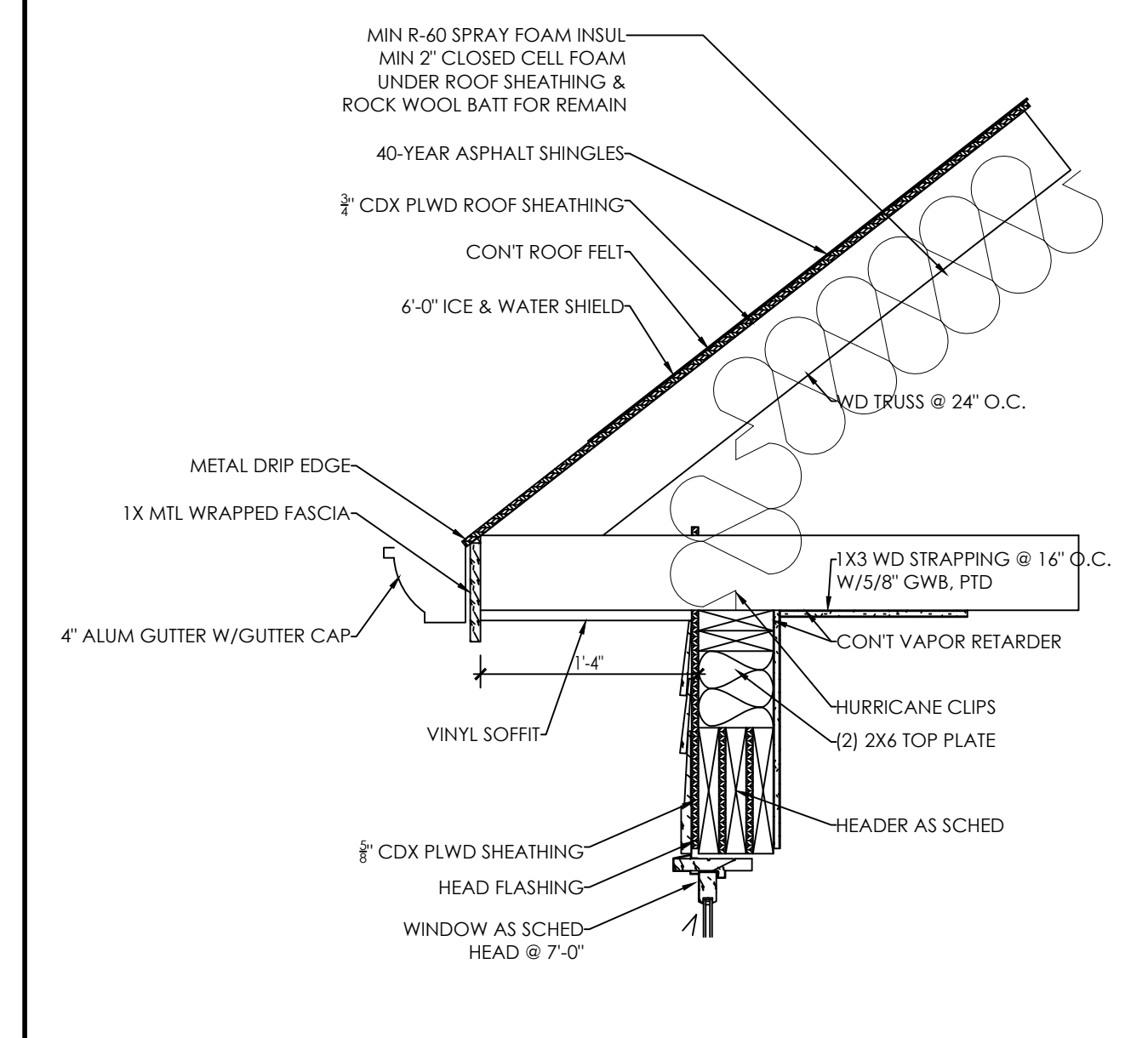


PROPOSED BUILDING SECTION
SCALE: 1/4" = 1'-0" 1
A-4.1

NOTE: HANDRAIL DIMENSIONS TO MEET GRASPABILITY REQUIREMENTS OF BUILDING CODE

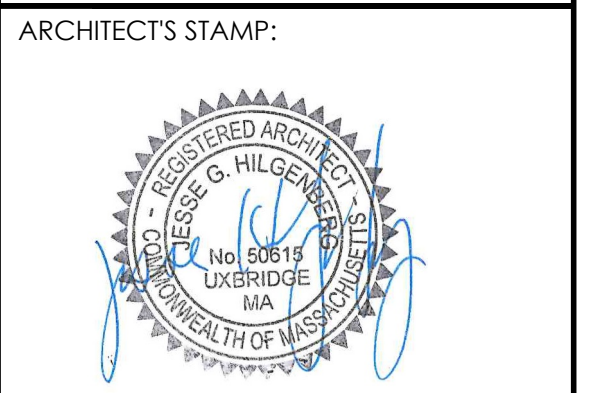


TYPICAL STAIR DETAIL 2
A-4.1
SCALE: 1" = 1'-0"



TYPICAL EAVES DETAIL 3
A-4.1
SCALE: 1" = 1'-0"

ARCHITECT:
dha
DIXON SALO ARCHITECTS INCORPORATED
300 MAIN STREET, SUITE 200
WORCESTER, MA 01608
(508) 752-5333
ADMIN@DIXONSALOARCHITECTS.COM



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|--------------------------|---------------------|------------|
| <input type="checkbox"/> | SCHEMATIC | N/A |
| <input type="checkbox"/> | DESIGN DEVELOPMENT | N/A |
| <input type="checkbox"/> | BID | N/A |
| <input type="checkbox"/> | PERMIT | 06.10.2024 |
| <input type="checkbox"/> | CONSTRUCTION | |
| <input type="checkbox"/> | EXISTING CONDITIONS | |

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| 1 | |
| | REVISION DATE |

DATE: 06.10.2024
SCALE: AS NOTED
PROJECT: -
DRAWN: JGH
CHECKED: JGH

PROJECT TITLE:
PROPOSED DUPLEX
74-76 VALMOR STREET
WORCESTER, MA 01604

SHEET TITLE:
PROPOSED BUILDING SECTION

SHEET NUMBER:
A-4.1



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

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|--|---------------------|------------|
| | SCHEMATIC | N/A |
| | DESIGN DEVELOPMENT | N/A |
| | BID | N/A |
| | PERMIT | 06.10.2024 |
| | CONSTRUCTION | |
| | EXISTING CONDITIONS | |

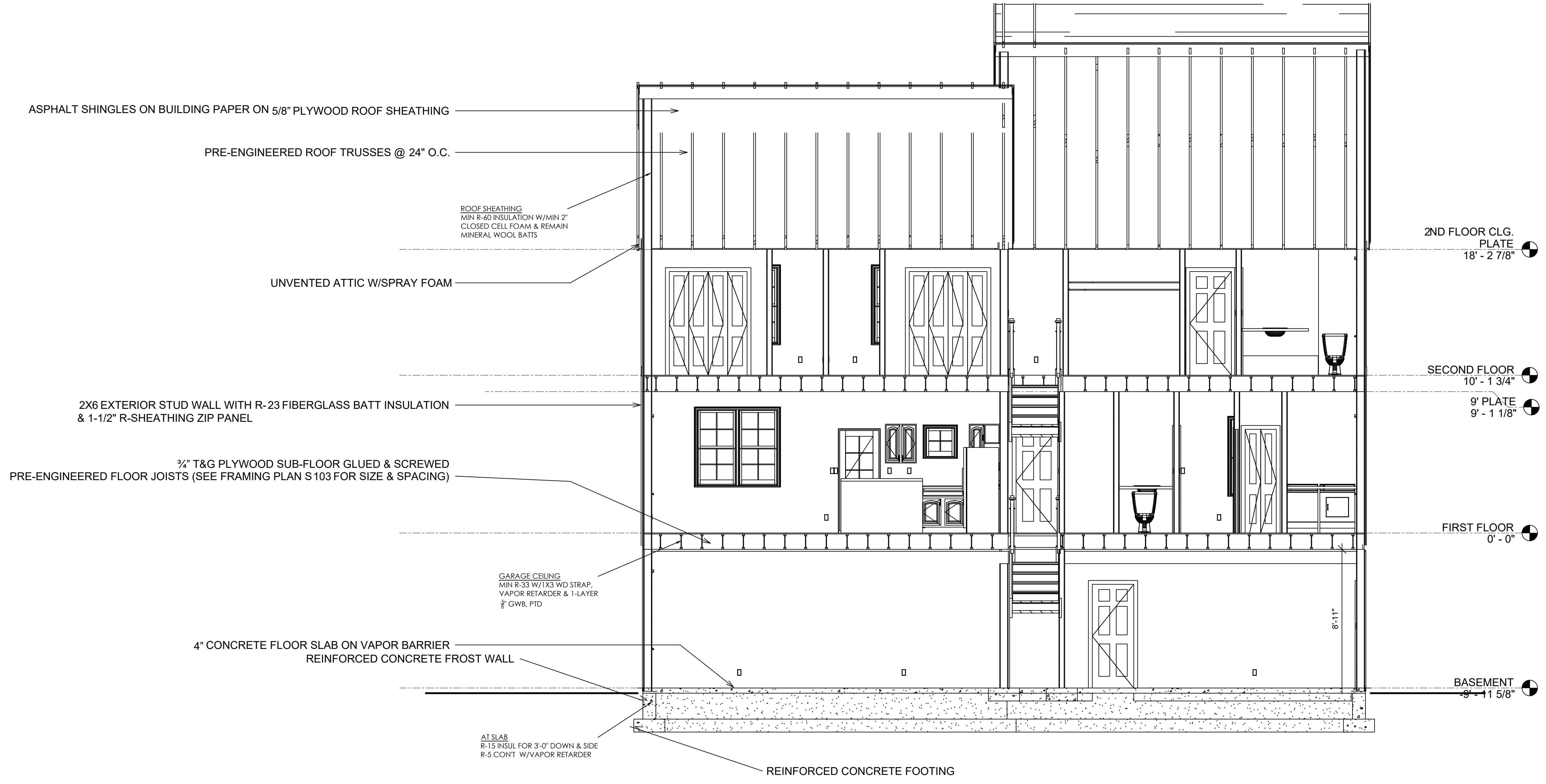
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| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

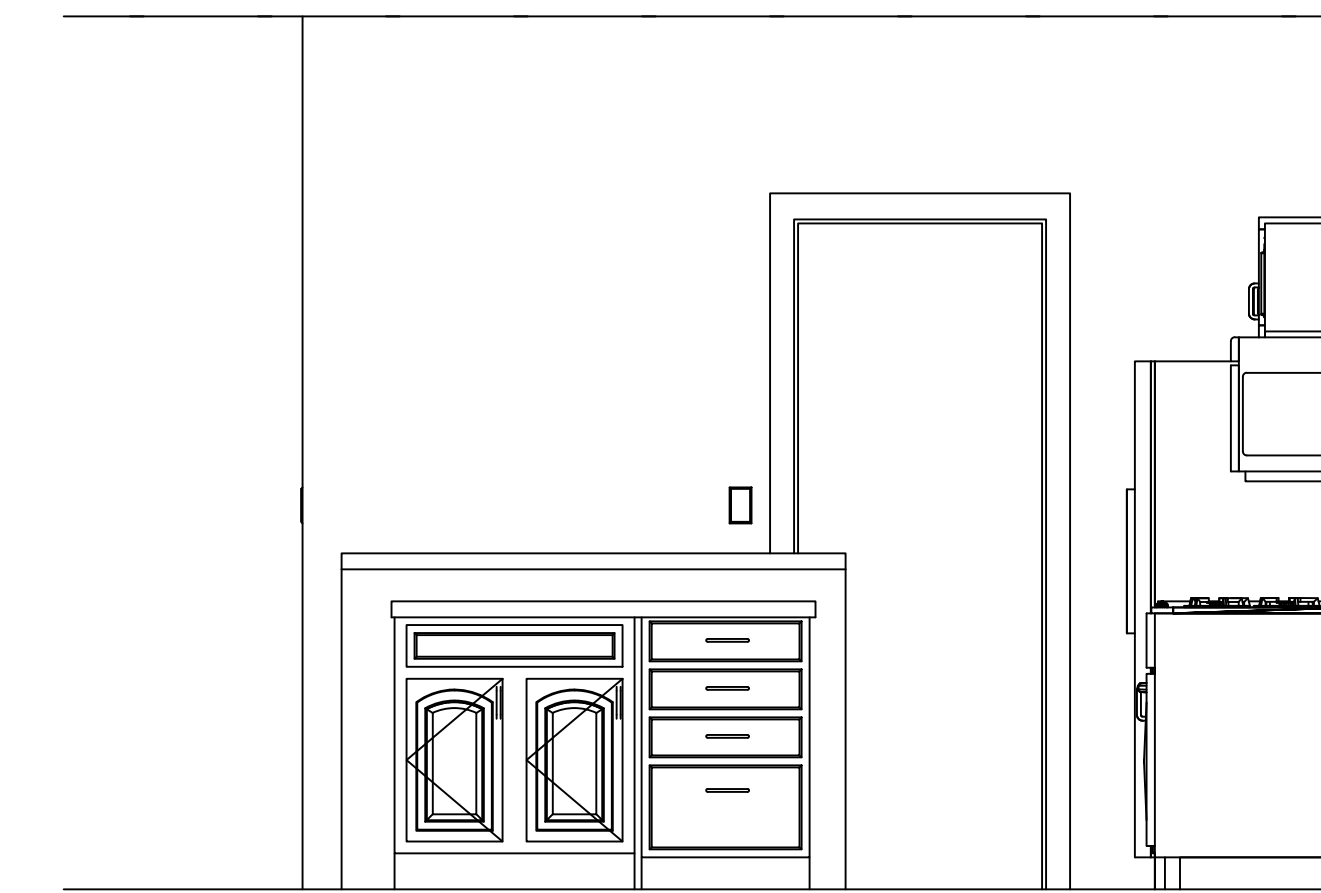
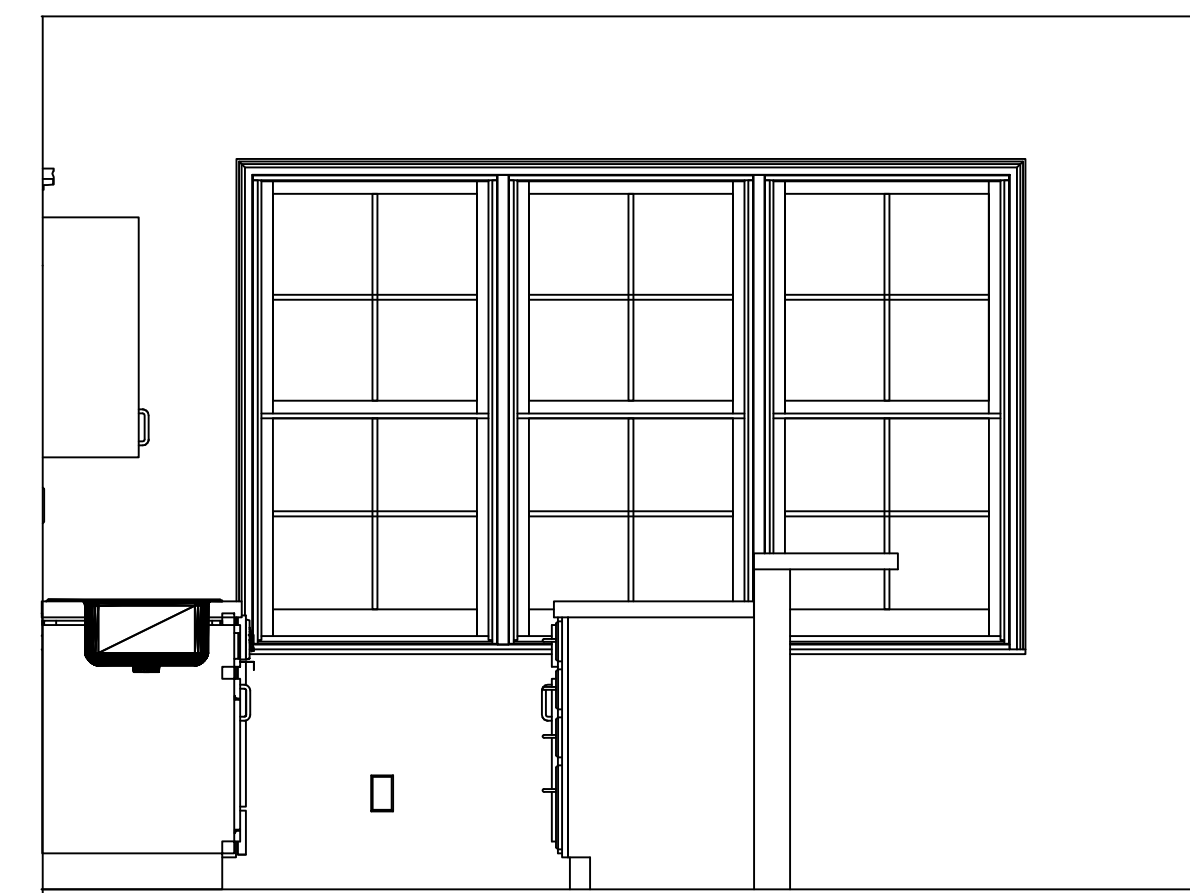
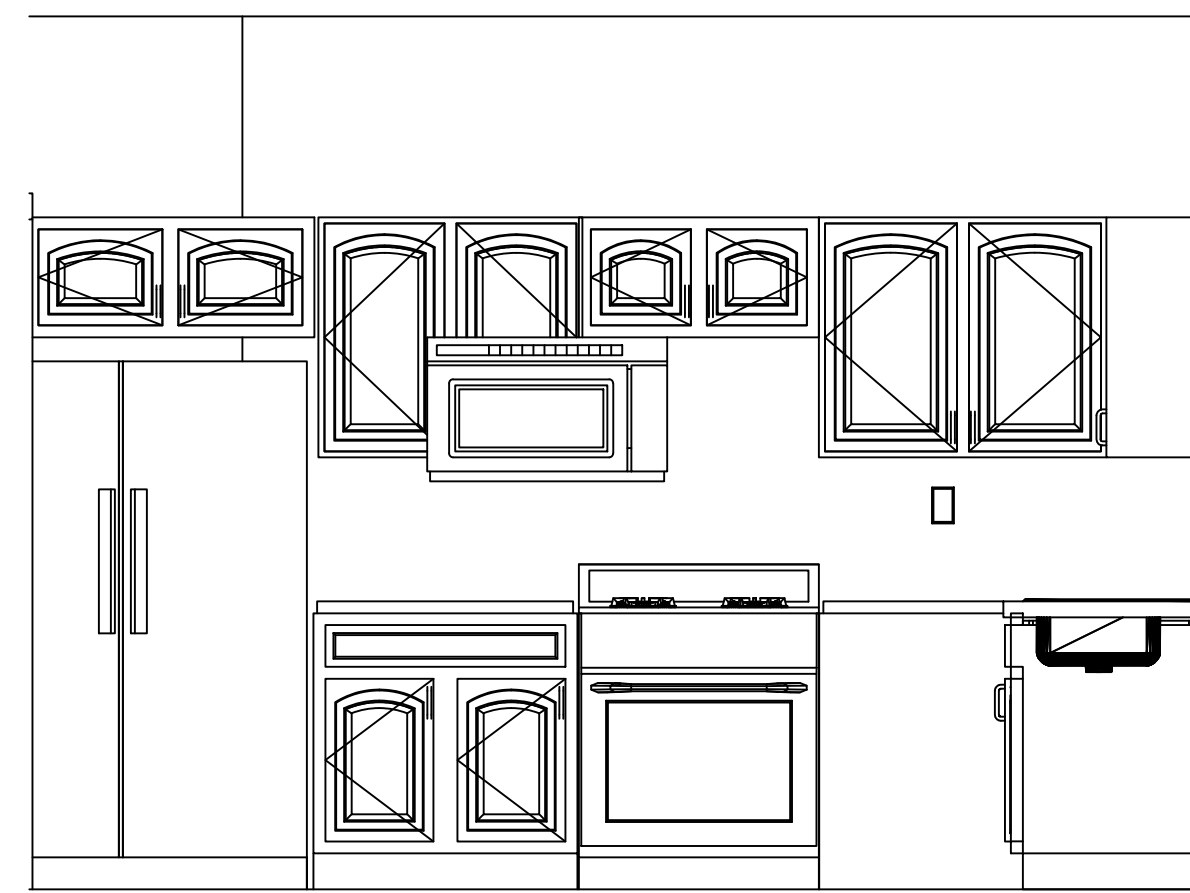
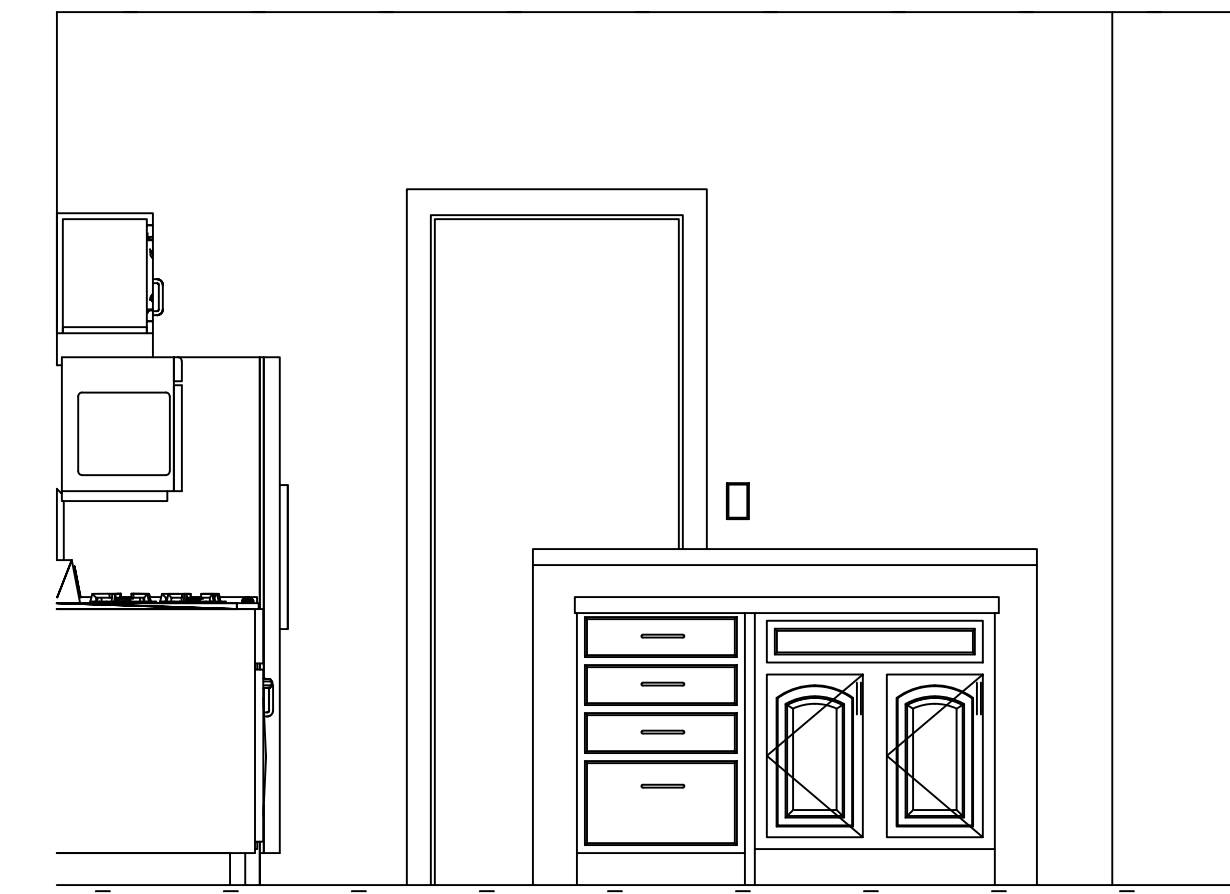
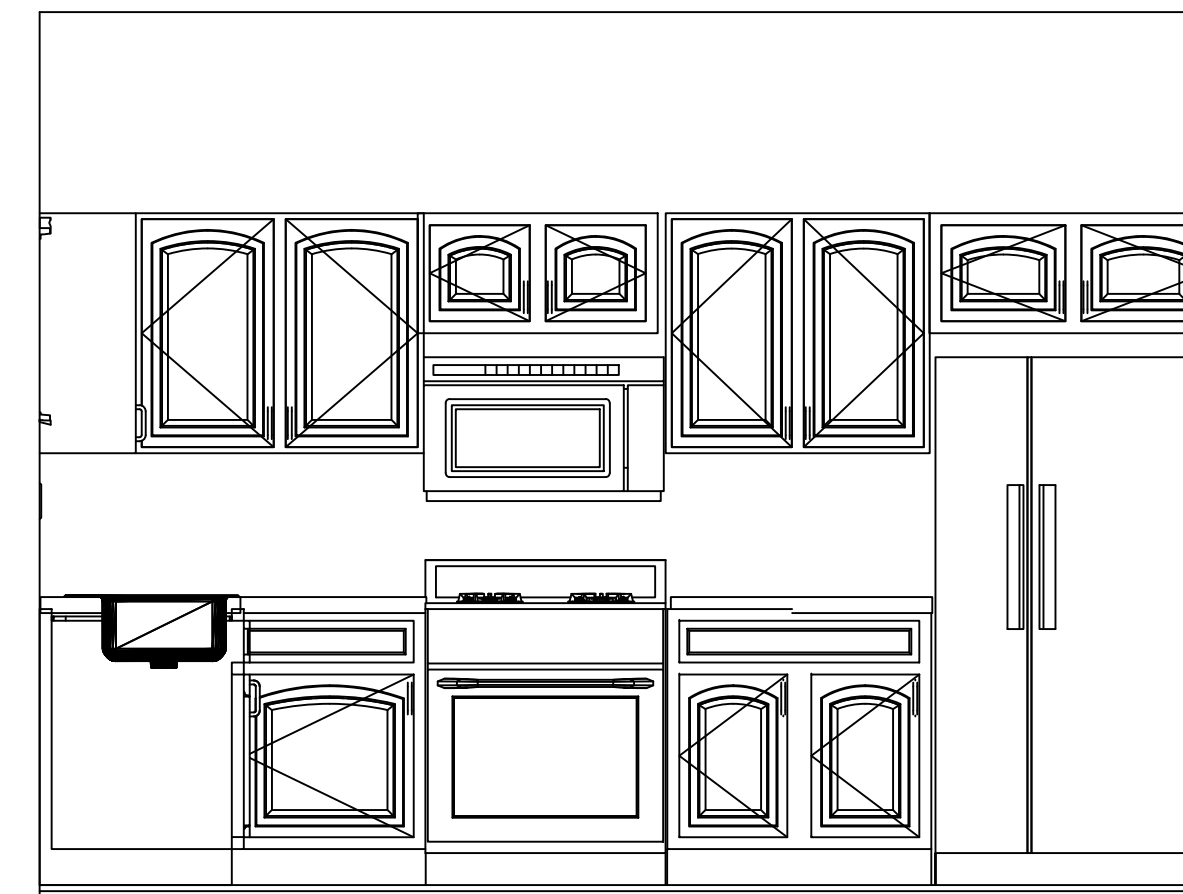
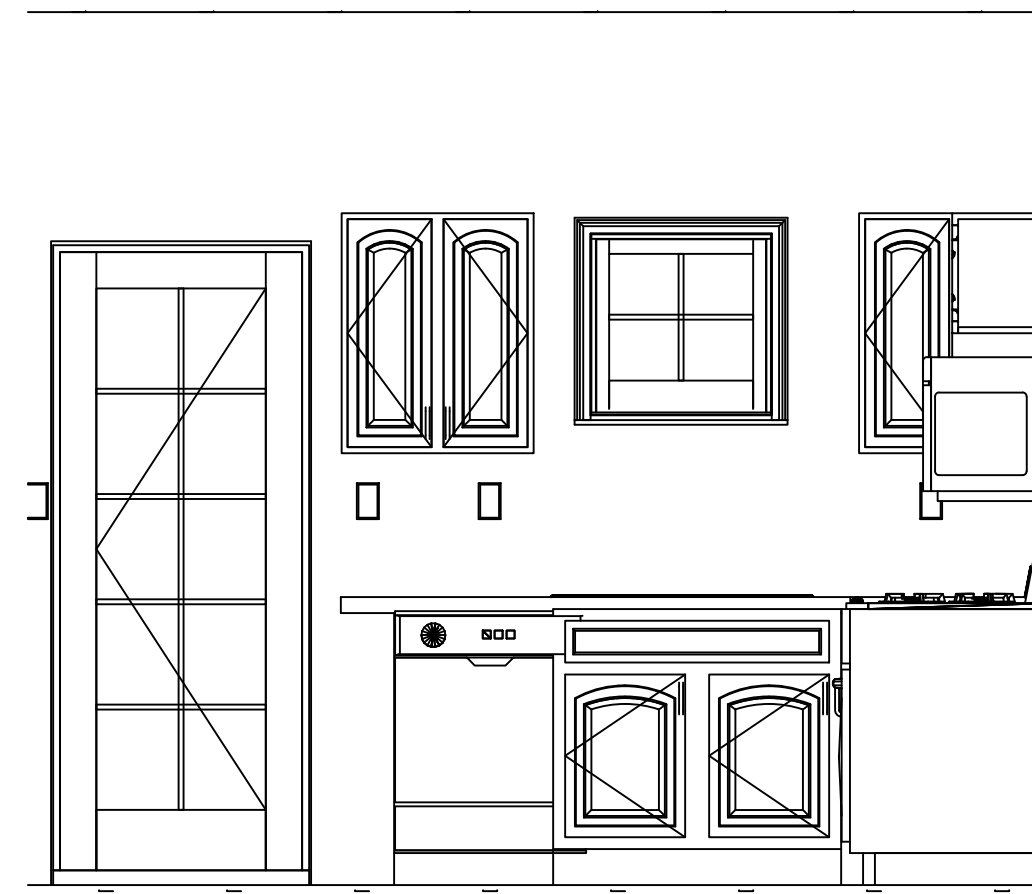
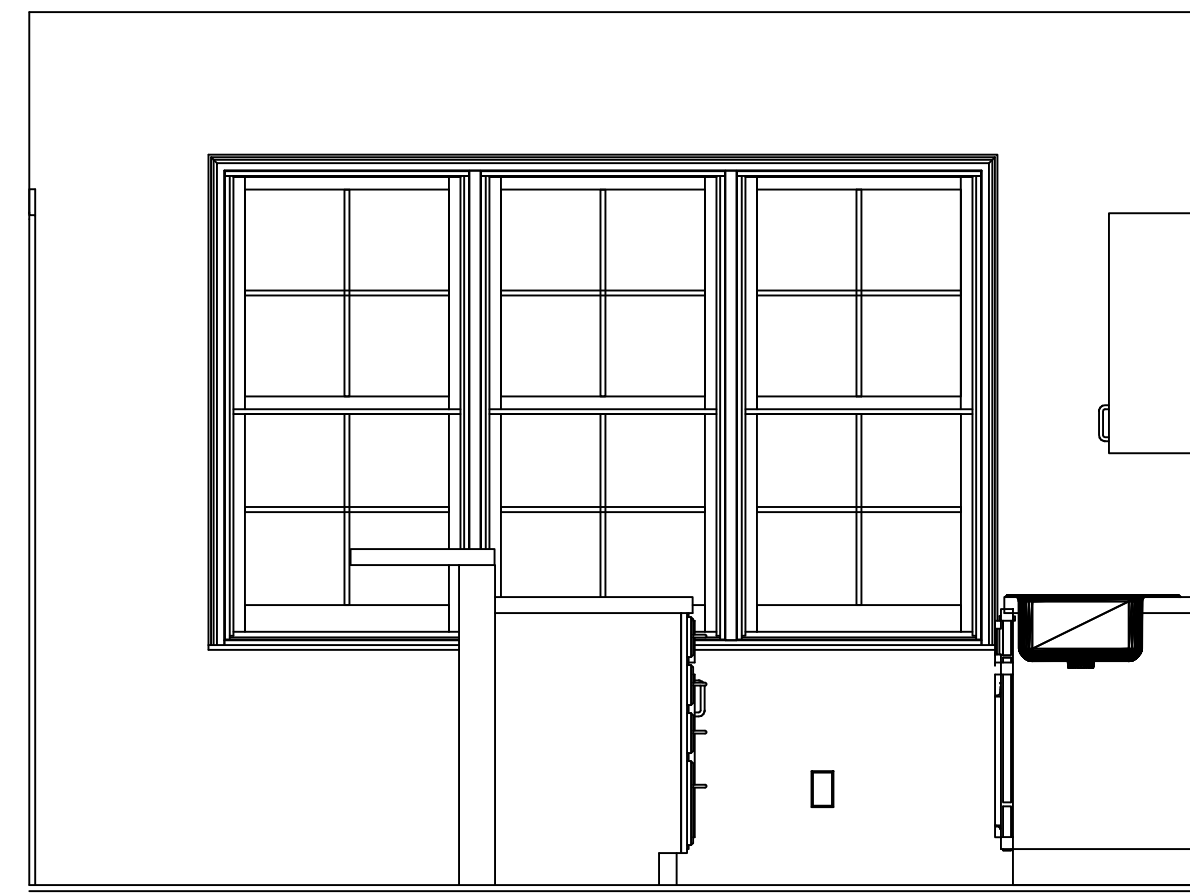
PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED BUILDING SECTION

SHEET NUMBER:
A-4.2









PROPOSED BUILDING SECTION 1
 SCALE: 1/4" = 1'-0" A-4.2



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

-  SCHEMATIC N/A
-  DESIGN DEVELOPMENT N/A
-  BID N/A
-  PERMIT 06.10.2024
-  CONSTRUCTION
-  EXISTING CONDITIONS

PROPOSED KITCHEN INTERIOR ELEVATIONS 1
A-5.1
 SCALE: 1/2" = 1'-0"

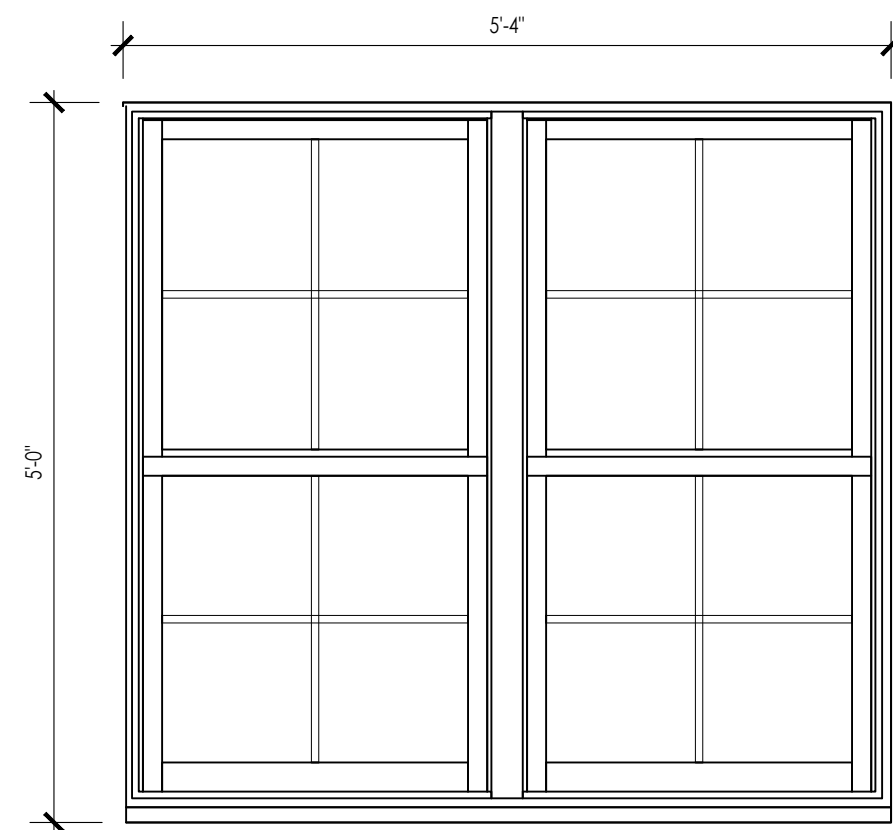
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| 1 |
| REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

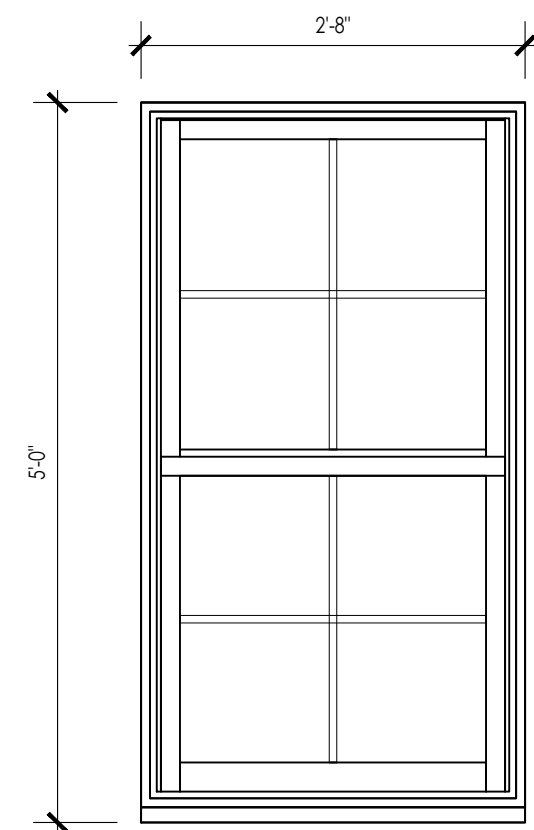
PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED INTERIOR ELEVATIONS

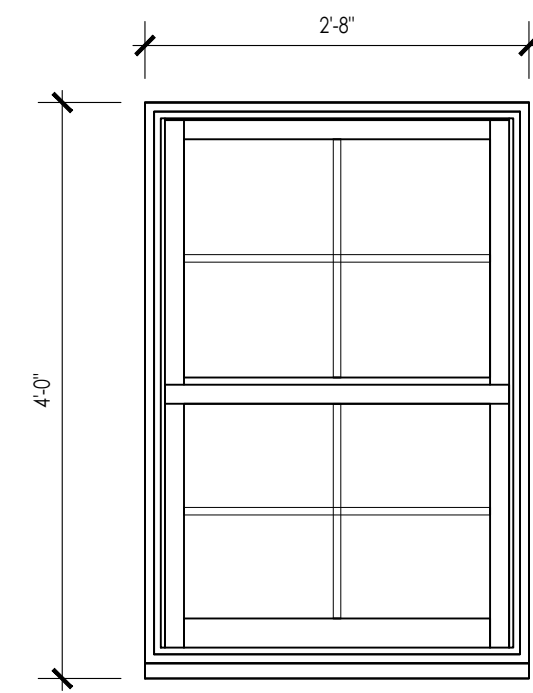
SHEET NUMBER:
A-5.1



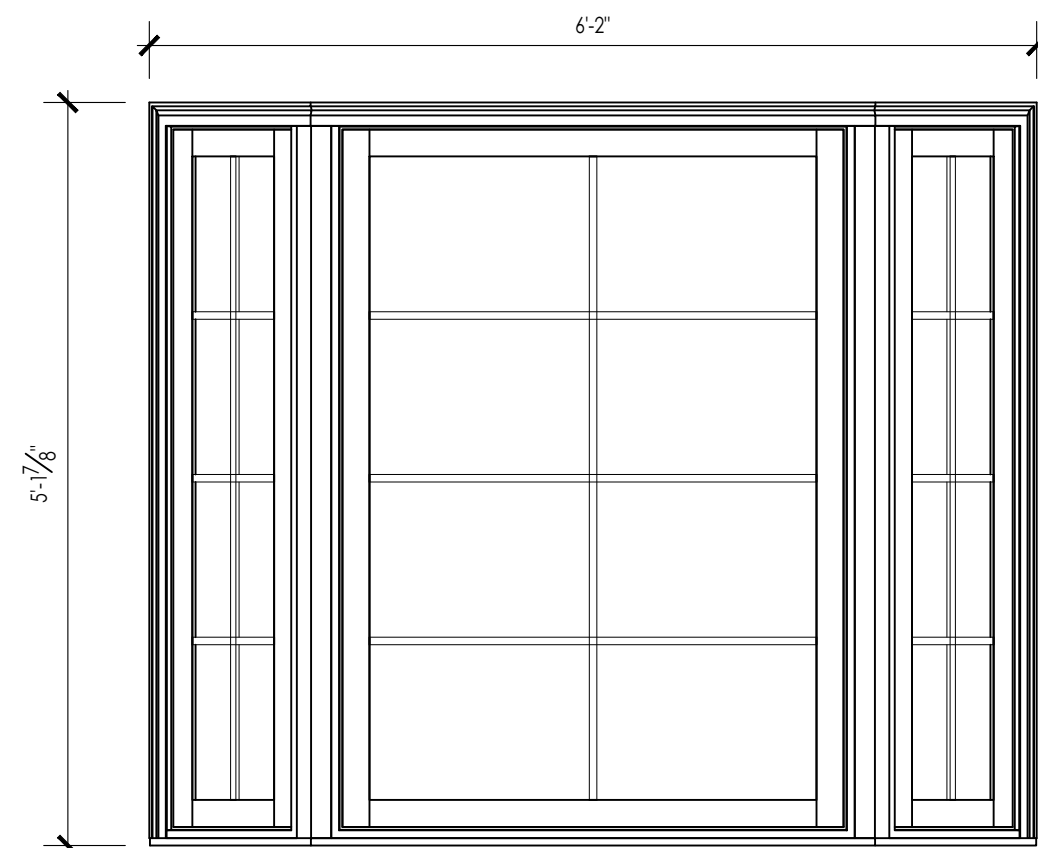
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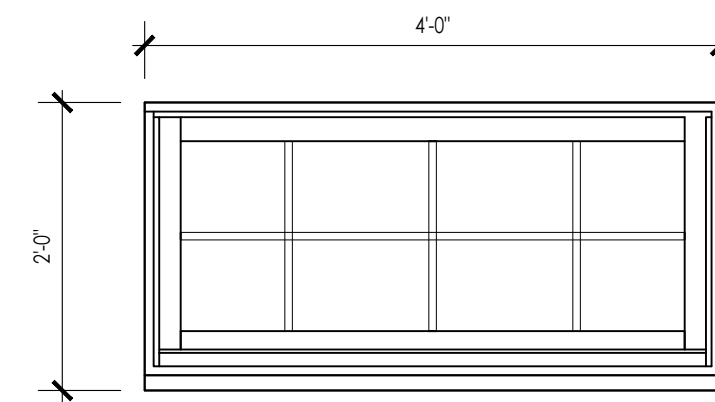


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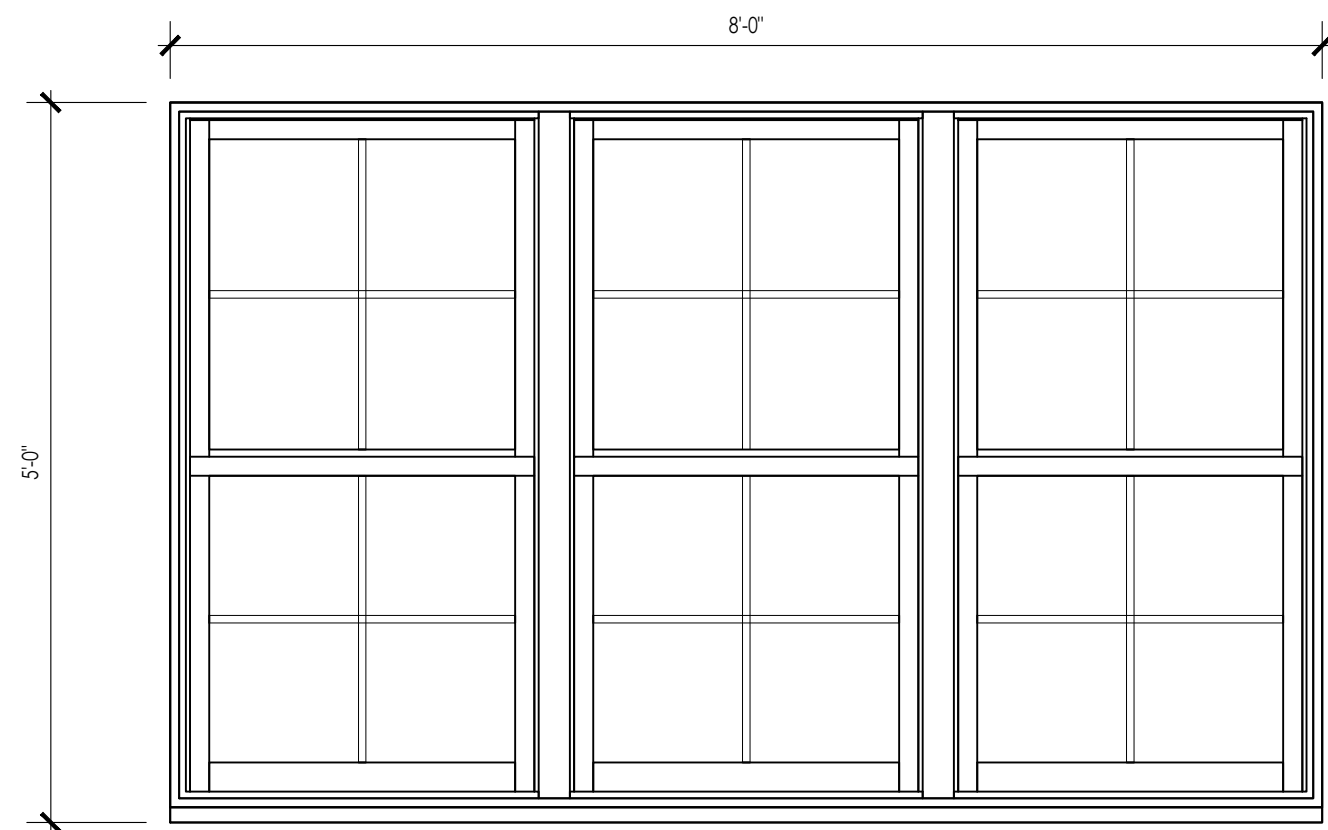


D

BAY WINDOW



E



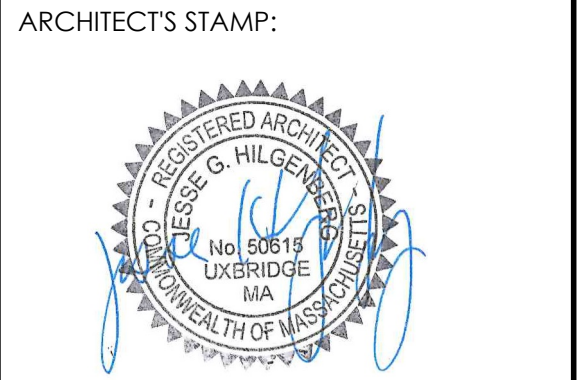
F

FACTORY MULLED

PROPOSED WINDOW TYPES 1
SCALE: 3/4" = 1'-0" A-5.2

ARCHITECT:

DIXON SALO ARCHITECTS
 INCORPORATED
 300 MAIN STREET, FIRST FLOOR
 WORCESTER, MASSACHUSETTS 01608
 (508) 752-5333 (F) 508-752-5348
 ADMIN@DIXONSALOARCHITECTS.COM



ENGINEER:

ENGINEER'S STAMP:

GENERAL INFORMATION:

| | | |
|--------------------------|---------------------|------------|
| <input type="checkbox"/> | SCHEMATIC | N/A |
| <input type="checkbox"/> | DESIGN DEVELOPMENT | N/A |
| <input type="checkbox"/> | BID | N/A |
| <input type="checkbox"/> | PERMIT | 06.10.2024 |
| <input type="checkbox"/> | CONSTRUCTION | |
| <input type="checkbox"/> | EXISTING CONDITIONS | |

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| | REVISION DATE |

DATE: 06.10.2024
 SCALE: AS NOTED
 PROJECT: - -
 DRAWN: JGH
 CHECKED: JGH

PROJECT TITLE:
 PROPOSED DUPLEX
 74-76 VALMOR STREET
 WORCESTER, MA 01604

SHEET TITLE:
 PROPOSED WINDOW TYPES

SHEET NUMBER:

A-5.2