



PROJECT TEAM:

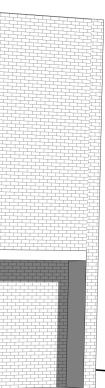
BUILDING RENOVATION FOR: 303-307 ROUTE 32 MONTVILLE, CT

ISSUED FOR PERMIT OCTOBER 21, 2022

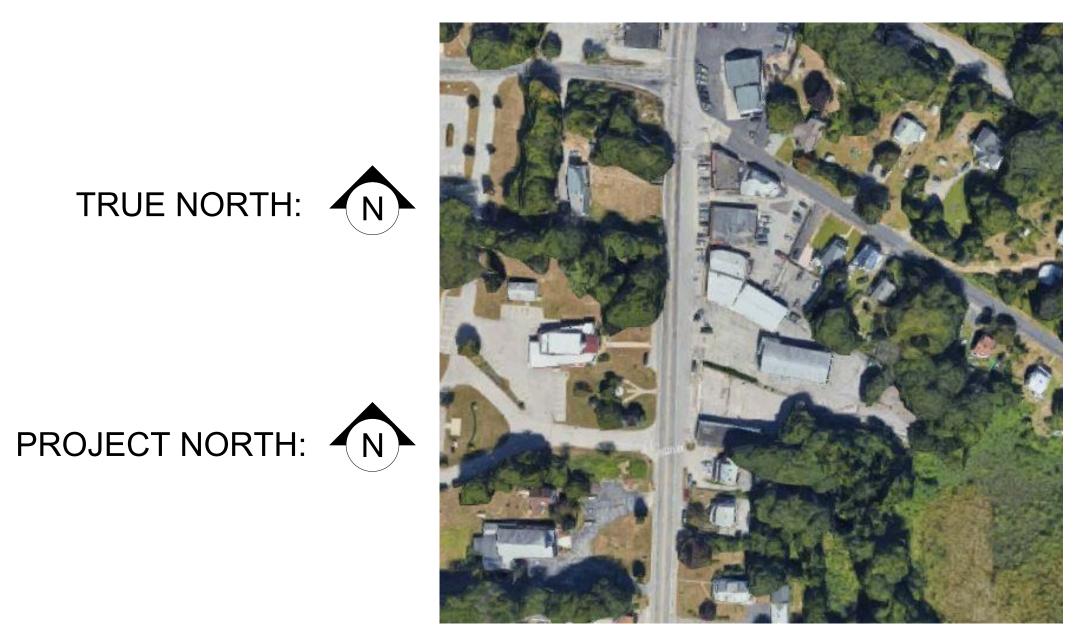


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LOCATION MAP:



303-307 ROUTE 32

2291

	GENERAL NOTES	STRUCTURAL STEEL NOTES
	1. GENERAL CONTRACTOR TO NOTIFY ARCHITECT OF ANY INCONSISTENCIES IN THE DRAWINGS, EXISTING CONDITIONS OR THE PROPOSED CONSTRUCTION IMMEDIATELY.	1. STRUCTURAL STEEL COMPONENTS SHALL CONFORM TO THE CURR SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS AS ADOPTED BY THE AMERICAN INSTITUTE C
	2. GENERAL CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL BE HELD RESPONSIBLE FOR THE SAME.	 CONSTRUCTION. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE IN A WITH ASTM SPECIFICATIONS A-36. STEEL FOR PIPE COLUMNS SHALL
	3. ALL NOTES AND DIMENSIONS DESIGNATED AS "TYP." OR "TYPICAL" APPLY TO ALL SIMILAR CONDITIONS THROUGHOUT THE PROJECT.	ACCORDANCE WITH ASTM SPECIFICATIONS A-501. 3. ALL STEEL-TO-STEEL CONNECTIONS SHALL BE FABRICATED IN ACCO
	4. THESE PLANS ARE NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. DIMENSION LINES AND NOTES SUPERSEDE ALL SCALED REFERENCES.	WITH INDUSTRY STANDARD PRACTICES FOR BOLTED OR WELDED C 4. ALL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF RED-OXIDE
	5. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD AND CENTERLINE OF STRUCTURAL STEEL COLUMNS UNLESS OTHERWISE NOTED.	GALVANIZED MEMBERS SHALL BE UTILIZED WHERE SHOWN ON THE
	 ROOFING CONTRACTOR TO VERIFY QUANTITY AND LOCATION OF ROOF PENETRATIONS, AND TO FLASH ACCORDING TO MANUFACTURER'S SPECIFICATIONS. 	STRUCTURAL WOOD NOTES
	7. THE REQUIREMENTS FOR SEISMIC LOADS HAVE BEEN INCORPORATED INTO THE DESIGN OF THE STRUCTURAL, MECHANICAL, AND SUSPENDED CEILING SYSTEMS AS REQUIRED FOR THE NEW CONSTRUCTION.	 ALL STRUCTURAL WOOD SHALL BE IN ACCORDANCE WITH THE "NAT SPECIFICATIONS FOR WOOD CONSTRUCTION" AND THE "MANUAL O FRAMING" AS PUBLISHED BY THE NATIONAL FOREST PRODUCTS AS (NFPA), INCLUDING PROVISIONS FOR NAILING, FIRE STOPPING, ANCI
	8. SIGNAGE SHALL BE PLACED ON THE WALL ADJACENT TO THE LEVEL SIDE OF A ROOM DOOR AT A HEIGHT OF 5' A.F.F.	FRAMING AND BRACING. 2. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRUCTURAL LUN
	9. PROVIDE AN ALUMINUM DIVIDER STRIP AT ALL DOOR THRESHOLDS WHERE TWO DIFFERENT FINISHES MEET UNLESS OTHERWISE NOTED.	BE AS FOLLOWS: a. INTERIOR EXPOSURE: ALL STRUCTURAL WOOD PROTECTED FRO AND WEATHER SHALL BE HEM FIR #2 OR BETTER, UNLESS OTHERW THE DRAWINGS.
	CONCRETE MASONRY NOTES	b. EXTERIOR EXPOSURE: ALL STRUCTURAL WOOD EXPOSED TO MO WEATHER, WITHIN 8 INCHES OF SOIL, OR LESS THAN 18 INCHES FRO OF A CRAWLSPACE SHALL BE PRESSURE-TREATED SOUTHERN YEL
	 ALL MASONRY SHALL CONFORM TO AND BE ERECTED IN ACCORDANCE WITH ACI 530 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND ACI 530.1 SPECIFICATION FOR MASONRY STRUCTURES. 	OR BETTER, WITH MINIMUM RETENTION MEETING OR EXCEEDING TH REQUIREMENTS OF THE BUILDING CODE. c. PLYWOOD: PLYWOOD SHALL BE IN ACCORDANCE WITH THE AME PLYWOOD ASSOCIATION (APA) SPECIFICATIONS (Y510). PLYWOOD F
	2. ALL MASONRY WALLS ARE TO BE CONSTRUCTED OF CONCRETE MASONRY WITH COMPRESSIVE STRENGTH F'M = 1500 P.S.I. THE CONTRACTOR IS RESPONSIBLE FOR ASSURING MASONRY STRENGTH AS SPECIFIED.	DECKING SHALL BE CONTINUOUS OVER TWO OR MORE SPANS WITH FACE PLIES ACROSS SUPPORTS. I. PLYWOOD ROOF SHEATHING: C-D/EXT-APA, 3/4" THICK II. PLYWOOD WALL SHEATHING: C-D/EXT-APA, 1/2" THICK
	 TYPE "M" OR "S" MORTAR SHALL BE USED IN ALL MASONRY. CONTINUOUS HORIZONTAL JOINT REINFORCING SHALL BE INSTALLED IN 	III. PLYWOOD SUBFLOOR: C-D/EXT-APA, 3/4" THICK3. PLATES AND SILLS SHALL BE BOLTED TO FOUNDATION WALLS USING
	4. CONTINUOUS HORIZONTAL JOINT REINFORCING SHALL BE INSTALLED IN ALTERNATE COURSES OF ALL MASONRY. EXTERIOR MASONRY VENEER SHALL BE TIED TO INTERIOR MASONRY BLOCKWORK IN ACCORDANCE WITH DRAWING NOTATIONS.	12 INCHES HOOKED ANCHOR BOLTS SPACED AT 48 INCHES ON CEN UNLESS OTHERWISE SHOWN ON THE DRAWINGS. PLATES AND SILL SET LEVEL. PLATES AND SILLS SHALL BE PRESSURE TREATED.
	5. REINFORCING STEEL FOR MASONRY SHALL BE GRADE 60. ALL LAP SPLICES SHALL BE A MINIMUM OF 48 BAR DIAMETERS (I.E. #4 BAR = 24").	4. NAILING SCHEDULE SHALL BE IN ACCORDANCE WITH THE LOCAL BU CODE'S "RECOMMENDED FASTENING SCHEDULE". NAIL PLYWOOD S AND SUBFLOORING 6"O.C AT EDGES AND 12"O.C. ALONG INTERMED
	 ALL MASONRY UNIT CORES CONTAINING REINFORCING BARS SHALL BE FILLED WITH 2000 P.S.I. GROUT. GROUT SHALL BE INSTALLED IN USING LOW LIFT GROUT METHOD (5'-0" MAXIMUM LIFTS). 	SUPPORTS, LEAVING SPACES BETWEEN PANELS AS RECOMMENDE UTILIZE RING-SHANK OR SCREW TYPE NAILS FOR PLYWOOD SUBFL APPLY APPROPRIATE CONSTRUCTION ADHESIVE TO ADEQUATELY S PLYWOOD TO FLOOR JOISTS.
	ELECTRICAL MOUNTING HEIGHTS	 JOIST HANGERS, COLUMN CAPS OR BASES, AND OTHER METAL FAB WHERE REQUIRED OR INDICATED, SHALL BE OF APPROPRIATE SIZE FOR MEMBERS AND SUPPORT CONDITIONS, AS MANUFACTURED BY
	1. ALL DIMENSIONS ARE TO THE CENTER OF THE DEVICE UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR TYPES AND LOCATIONS.	STRONG-TIE OR EQUAL. WHERE FLANGE-SUPPORT JOIST HANGERS CONJUNCTION WITH STEEL BEAMS, CARE SHALL BE TAKEN TO INST HANGERS CLEAR OF CONTACT WITH THE STEEL BEAM BY INSTALLIN
	 RECEPTACLES: 18" A.F.F. (AT LOCATIONS ABOVE CASEWORK, MOUNT BOTTOM OF RECEPTACLE AT 2" ABOVE BACKSPLASH, AT LOCATIONS BELOW CASEWORK, MOUNT AT 24" A.F.F. 	PLATE IN ACCORDANCE WITH ABOVE CONDITIONS: IN NO CASE SHA PLATE BE NARROWER THAN THE WIDTH OF THE FLANGE TO WHICH ATTACHED NOR MORE THAN 1/2" LARGER. CONTRACTOR SHOULD B
	 WIREMOLD: 24" A.F.F. (AT LOCATIONS ABOVE CASEWORK, MOUNT BOTTOM OF WIREMOLD AT 2" ABOVE BACKSPLASH) 	THAT JOIST HANGERS AND OTHER METAL FABRICATIONS MAY REQU ORDERING WELL PRIOR TO THE ACTUAL TIME AT WHICH THE HANGI NEEDED. THOUGH INDICATED IN CATALOGS AS "STOCK", SOME "ST HANGERS ARE ACTUALLY SPECIAL ORDER ITEMS.
	4. EXTERIOR RECEPTACLES:A 24" A.F.G. (20" A.F.F.)	 NOTCHING SHALL NOT EXCEED 1/6TH OF THE DEPTH OF JOIST OR R SHALL OCCUR ONLY IN THE OUTER QUARTER OF THE SPAN. NOTCH
	 SWITCHES: 48" A.F.F. BOILER EMERGENCY SWITCHES: 60" A.F.F. 	NOT BE PERMITTED IN THE MIDDLE HALF OF THE SPAN NOR SHALL 1/6TH THE DEPTH. NOTCH LENGTH SHALL NOT EXCEED 1/3RD OF THE DEPTH.
	7. DATA / PHONE OUTLETS: 18" A.F.F.	 HOLES IN JOISTS OR RAFTERS SHALL OCCUR IN THE MIDDLE 1/3RD AND 1/3RD OF DEPTH. THE HOLE DIAMETER SHALL NOT EXCEED 1/3I
	 8. TV OUTLETS: 18" A.F.F. OR 18" BELOW FINISHED CEILING 9. WALL PHONE: 48" A.F.F. TO CENTER OF EARPIECE 	JOIST DEPTH. HOLES IN ENGINEERED LUMBER PRODUCTS SHALL BE ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
32.rvt	10. SECURITY KEYPAD: 48" A.F.F.	8. PROVIDE SOLID BLOCKING AS REQUIRED TO SUPPORT FIXTURES, R SHELVES, CLEATS, TRIM, ETC., AND AS REQUIRED TO SUPPORT EDC
e 32	11. MICROPHONE WALL JACK: 18" A.F.F.	PLYWOOD AND WALLBOARD, IN ACCORDANCE WITH MANUFACTURE RECOMMENDATIONS AND/OR GOOD CONSTRUCTION PRACTICE.
Route	 FIRE ALARM PULL STATION: 48" A.F.F. FIRE ALARM VISUAL / AUDIO INDICATING UNITS: 6'-8" TO BOTTOM OF UNIT 	9. ENGINEERED LUMBER INDICATED ON THE DRAWINGS SHALL BE INS ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. J LABELED TJI ARE COMPOSITE I-JOISTS AS MANUFACTURED BY TRUS
	14. AREA OF REFUGE CALL STATION: 48" A.F.F.	MEMBERS LABELED LVL ARE LAMINATED VENEER LUMBER (1.9E MIC TRUS-JOIST). THE SUBSTITUTION OF OTHER PRODUCTS ARE ONLY F WITH BACKUP ENGINEERING PLANS AND CALCULATIONS.
(2291)\303	15. EMERGENCY SHUT-OFF SWITCH / PUSH BUTTON: 48" A.F.F.16. EMERGENCY CALL SWITCH: 36" A.F.F.	10. EXISTING CONDITIONS: DETAILS OF CONNECTIONS OF NEW TO EXIS FOR GENERAL INTENT ONLY. CONTRACTOR SHALL EXPOSE EXISTIN
(229	17. EMERGENCY CALL BELL / LIGHT: +/- 7'-6" A.F.F CENTER ABOVE DOOR	CONDITIONS TO VIEW FOR ARCHITECT'S REVIEW PRIOR TO ORDERI MATERIALS FOR WORK WITH THE NEW CONNECTIONS. DETAILS SH
32	 WALL MOUNTED EXIT SIGNS: 7'-6" A.F.F. WALL MOUNTED CLOCKS AND SPEAKERS: +/- 7'-6" A.F.F. COORD. WITH BLOCK 	BASED ON ASSUMPTIONS AND WILL BE SUBJECT TO CHANGE FOR T CONDITIONS AS THEY ACTUALLY EXIST IN THE FIELD. ARCHITECT SI RESPONSIBLE FOR MATERIALS ORDERED PRIOR TO ARCHITECT'S R
Route	COURSING AS OCCURS. CONSULT ARCHITECT IF CEILING HEIGHT CONFLICTS.	EXISTING CONDITIONS AFTER EXPOSURE BY THE CONTRACTOR.
303 R	SITE NOTES	1. MECHANICAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS F
I.	 PERFORM ALL WORK IN THIS SECTION IN CONFORMANCE WITH THE FINAL SOILS COMPACTION, GEOLOGICAL REPORTS AND APPROVED SITE GRADING PLANS AS ACCEPTED BY OWNER AND BUILDING DEPARTMENT. IN THE ABSENCE OF THE 	COMMENCING WORK. NOTIFY THE ARCHITECT OF ANY CONDITIONS ADVERSELY AFFECT THE PROPER INSTALLATION OF THE NEW SYS
rojects\Montville	NECESSARY SUBSURFACE SURVEY, THE CONTRACTOR SHALL HIRE A LICENSED SOILS ENGINEER TO INVESTIGATE THE SITE, AND SUBMIT A REPORT OF THIS WORK TO THE ARCHITECT. IF A DISCREPANCY FROM THE PRESUMED SOIL BEARING CAPACITY EXISTS, CONTRACTOR SHALL NOT PLACE FOUNDATIONS	 MECHANICAL CONTRACTOR SHALL DESIGN, PURCHASE AND INSTA COMPONENTS AS REQUIRED TO PROPERLY CONDITION THE SPACE BY THIS CONSTRUCTION PROJECT. IF THE MODIFICATION OF EXIST IS NECESSARY, SUCH MODIFICATIONS SHALL NOT ADVERSELY AFF
ts/Mo	 PRESUMPTIVE SOIL BEARING CAPACITY IS 4,000PSF ON UNDISTURBED SOIL. ALL 	OPERATION OF THESE SYSTEMS OR COMPONENTS. 3. COORDINATE MECHANICAL WORK WITH THE WORK OF OTHER TRA
rojec	CONCRETE FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL. BOTTOM OF FOOTINGS SHALL BE 4'-0" MIN. BELOW FINISH GRADE.	ALTER THE WORK OF PREVIOUS TRADES WITHOUT PRIOR APPROV 4. PERFORM ALL NEW MECHANICAL WORK IN ACCORDANCE WITH LO
Δ	 NO EXCAVATIONS SHALL BE MADE WHOSE DEPTH BELOW THE FOOTING IS GREATER THAN 1/2 THE HORIZONTAL DISTANCE FROM THE NEAREST EDGE OF A FOOTING. 	AND ACCEPTED STANDARDS OF PRACTICE.
Q:\QA	 ALL BACKFILL AT STRUCTURES, SLABS, STEPS AND PAVEMENTS SHALL BE CLEAR GRANULAR FILL, COMPACTED TO 95% MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557. 	1. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS P
PM	 BACKFILL AT LAWNS AND UNPAVED AREAS SHALL BE FREE OF CLAY, ROCK OR GRAVEL LARGER THAN 2" IN ANY DIRECTION, DEBRIS, VEGETABLE MATTER, WASTE AND FROZEN MATERIALS. COMPACT TO 90% MAXIMUM DENSITY IN 	 COMMENCING WORK. ELECTRICAL CONTRACTOR SHALL DESIGN, PURCHASE AND INSTAL COMPONENTS AS REQUIRED TO PROPERLY SERVICE THE SPACE(S DUATION OF SERVICE AND SERVICE THE SPACE)
:47:47	 ALL SLABS ON GRADE SHALL BEAR ON MECHANICALLY COMPACTED CRUSHED STONE CAPABLE OF SUPPORTING 2,000PSF. 	BY THIS CONSTRUCTION PROJECT. IF THE MODIFICATION OF EXIST ELECTRICAL SYSTEMS IS NECESSARY, SUCH MODIFICATIONS SHAL ADVERSELY AFFECT THE OPERATION OF THESE SYSTEMS.
12:4	 GUTTERS AND DOWNSPOUTS SHALL DISCHARGE AT PERIMETER DRAIN IF PROVIDED OR AT GUTTER SPLASH BLOCKS UNLESS LOCAL CODES REQUIRE 	3. COORDINATE ELECTRICAL WORK WITH THE WORK OF OTHER TRAE ALTER THE WORK OF PREVIOUS TRADES WITHOUT PRIOR APPROV
022	STORM WATER MANAGEMENT SYSTEMS. REFER TO APPROVED SITE PLAN FOR STORM WATER MANAGEMENT SYSTEM PIPING DETAILS.	 PERFORM ALL NEW ELECTRICAL WORK IN ACCORDANCE WITH LOC AND ACCEPTED STANDARDS OF PRACTICE.
2/21/2022		5. COORDINATE THE FINAL LOCATION OF ALL ELECTRICAL DEVICES A INTENDED OPERATION WITH THE OWNER.
12/		

 Markenson Markenson Mar	OTES	WALL NOTES	THERMAL & MO
<text></text>	ECTION OF STRUCTURAL	BEAR THE U.L. CLASSIFICATION.	SPECIFIED HERIN: AMERICAN SOCIETY (
<text></text>		EXTENDED TO THE UNDERSIDE OF FLOOR OR ROOF DECK ABOVE, TYPICAL. 3. FOR SMOKE RESISTANT SEPARATIONS, PROVIDE FIRE SAFING AND SEALANT AT	SHEET METAL MANUAL" BY SMACNA.
<section-header> Hadred Booksen, Deskinger Martines, Deskinger Martin</section-header>		SMOKE. 4. FOR ALL FIRE RATED PARTITIONS, PROVIDE FIRE SAFING AND SEALANT AT	PROJECTIONS OF WOOD BEAMS THROU OPENINGS AND ELSEWHERE AS REQUIR
<text></text>		SMOKE. THE FIRE SAFING AND SEALANT SYSTEM MUST MAINTAIN THE RATING OF THE SEPARATION.	UNDERLAYMENT OF NOT LESS THAN ON
 Table 101 Notes Address A	A THE "NATIONAL DESIGN MANUAL OF HOUSE DUCTS ASSOCIATION PING, ANCHORAGE, TURAL LUMBER SHALL ECTED FROM MOISTURE S OTHERWISE NOTED ON SED TO MOISTURE, THE ICHES FROM THE FLOOR HERN YELLOW PINE #2 EEDING THE A THE AMERICAN LYWOOD FLOOR PANS WITH GRAIN OF	 WHERE PARTITIONS MEET THE STRUCTURE ABOVE WITH BATT INSULATION. AT ALL NON-RATED PARTITIONS, FILL ALL VOIDS BETWEEN PIPES, ELECTRICAL CONDUITS, DUCTWORK, ETC. WHERE THEY PENETRATE WALLS, WITH BATT INSULATION. PROVIDE SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH ONE HOUR RATED SMOKE BARRIERS. PROVIDE FIRE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH TWO HOUR FIRE RATED PARTITIONS. EXTEND ALL METAL STUD PARTITIONS TO THE UNDERSIDE OF DECK/STRUCTURE, UNLESS OTHERWISE NOTED. AT ALL NON-RATED PARTITIONS AND PARTITIONS WITH NO S.T.C. REQUIREMENTS, EXTEND SHEATHING TO THE FINISHED CEILING CONSTRUCTION, TYPICAL. SEE WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION. METAL STUD CONTRACTOR TO PROVIDE AND COORDINATE PLACEMENT OF METAL STUD SLIP TRAC KS AT ALL STUD WALLS BUILT ON TOP OR UNDER STRUCTURAL STEEL BRACING FRAMES, TYPICAL. SIMILAR CONDITION APPLIES WHERE METAL STUDS ATTACH TO THE UNDERSIDE OF ROOF DECK AT THE MIDDLE 1/3RD OF A SPAN GREATER THAN 15'. 	 AREA OF THE SPACE VENTILATED EXCE PROVIDED AT LEAST 50 PERCENT OF TH PROVIDED BY VENTILATORS LOCATED I BE VENTILATED AT LEAST 3 FEET ABOV BALANCE OF THE REQUIRED VENTILATIV VENTS. THE NET FREE CROSS-VENTILA 300 OF THE AREA OF THE SPACE VENTIL HAVING A TRANSMISSION RATE NOT EX WARM SIDE OF THE CEILING. 6. PROVIDE AND INSTALL BUILDING THERM THE FOLLOWING: A. EXTERIOR WALLS: R-19 MINIMUM B. CATHEDRAL CEILINGS: R-30 MINIM C. FLAT CEILINGS: R-30 MINIM D. CEILINGS OVER UNCONDITIONED E. FLOORS OVER UNCONDITIONED E. FLOORS OVER OUTSIDE SPACE: F F. WALL ADJ. TO UNFINISHED SPACE 7. PROVIDE AND INSTALL BATT INSULATIO 8. FIT INSULATION TIGHT WITHIN SPACES AND AND ELECTRICAL SERVICES WITHIN THE OF SPACES BEING SURE NOT TO COMP 9. FIT INSULATION TIGHT WITHIN SPACES AND AND ELECTRICAL SERVICES WITHIN THE
 MONDER PRANKTANEN MONDER DARKAMEN MERCHER BERMER KARTANEN MERCHER BERMER KARTANEN KART	S ON CENTER MAXIMUM, S AND SILLS SHALL BE		10. INSTALL VENTING IN SLOPED CEILING A
ONS SHALL NOT S. THER TRADES. DO NOT R APPROVAL. WITH LOCAL CODES	LOCAL BUILDING YWOOD SHEATHING NTERMEDIATE DMMENDED BY THE APA. D SUBFLOORING AND QUATELY SECURE METAL FABRICATIONS, RIATE SIZE AND TYPE TURED BY SIMPSON THANGERS ARE USED IN N TO INSTALL THE INSTALLING 2X TOP CASE SHALL 2X TOP TO WHICH IT IS SHOULD BE AWARE MAY REQUIRE SPECIAL THE HANGERS WILL BE SOME "STOCK" OIST OR RAFTER AND N. NOTCHES SHALL DR SHALL THEY EXCEED 3RD OF THE JOIST OLE 1/3RD OF THE SPAN CEED 1/3RD OF THE SPAN CEED 1/3RD OF THE SHALL BE IN ATIONS. JOISTS D BY TRUS-JOIST. R (1.9E MICROLLAM BY RE ONLY PERMITTED W TO EXISTING ARE SE EXISTING O ORDERING ANY ETAILS SHOWN ARE NGE FOR THE CHITECT SHALL NOT BE HITECT SHALL NOT BE HITECT SHALL NOT BE HITECT SHALL ALL NEW THE SPACE(S) AFFECTED OF LOGES OF ONT AND INSTALL ALL NEW THER TRADES. DO NOT R APPROVAL. E WITH LOCAL CODES DITIONS PRIOR TO ND INSTALL ALL NEW E SPACE(S) AFFECTED DITIONS PRIOR TO	 ONE SMOKE ALARM SHALL BE PROVIDED OUTSIDE OF EACH SEPARATE SLEEPING AREA INT THE IMMEDIATE VICINITY OF THE BEDROOMS. A SMOKE ALARM SHALL BE LOCATED ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS BUT NOT INCLUDING GRAVIL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL ALL SMOKE ALARMS SHALL BE INTER CONNECTED SUCH THAT ACTUATION OF ONE WILL ACTUATE ALL SMOKE ALARMS SIMULTANEOUSLY. ALL SPRINKLER PIPING IS TO BE LOCATED ABOVE FINISH CEILING UNLESS OTHERWISE NOTED. (UPPER LEVEL SPRINKLER PIPING TO EXTEND INTO THE ATTIC SPACE WHEN INSULATED). SPRINKLER HEADS SHALL BE LOCATED AS SHOWN ON THE PLUMBING DRAWINGS. EXPOSED SPRINKLER INSTALLATION SHALL BE CAREFULLY COORDINATED IN THE FIELD TO AVOID CONFLICTING WITH LIGHTING AND OTHER CEILING MOUNTED EQUIPMENT. GYPSUM BOARD PROVIDE AND INSTALL GYPSUM WALL BOARD IN ACCORDANCE WITH AMERICAN STANDARD SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM WALLBOARD, AS APPROVED BY THE AMERICAN STANDARDS ASSOCIATION, LATEST EDITION; APPLICABLE PARTS THEREOF ARE HERES MADE A PART OF THIS SPECIFICATION EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE CALLED FOR IN THE SPECIFICATION, IN LOCAL CODES, OR BY THE MANUFACTURER OF THE GYPSUM WALLBOARD, WHOSE REQUIREMENTS SHALL BE FOLLOWED. PROVIDE AND INSTALL MOISTURE-RESISTANT GYPSUM WALLBOARD WHERE REQUIRED. PROVIDE TYPE X GYPSUM BOARD AT GARAGE CEILING WHICH HAS LIVING SPACE ABOVE. PROVIDE AND INSTALL MOISTURE-RESISTANT GYPSUM WALLBOARD WHERE REQUIRED. PROVIDE TYPE X GYPSUM BOARD AT GARAGE CEILING WHICH HAS LIVING SPACE ABOVE. PROVIDE SMOTTYPE X GYPSUM BOARD AT ALL WALLS BETWEEN GARAGE AND HOUSE. PROVIDE SMOTTYPE X GYPSUM BOARD AT GARAGE CEILI	 COOL SIDE OF THE INSULATION FROM T 11. INSTALL EITHER INTERIOR AND/OR EXTIREQUIRED BY LOCAL BUILDING CODES 12. PROVIDE AND INSTALL JOINT SEALERS' PRINTED INSTRUCTIONS APPLICABLE TO INDICATED AND TO THE FOLLOWING SPELASTOMERIC SEALANT: ASTM C-99 SOLVENT-RELEASE-CURING SEALAN LATEX SEALANT: ASTM C-919 13. PROVIDE AND INSTALL GUTTERS AND D ARCHITECTURAL SHEET METAL MANUA DOORR & WINN 14. REFERENCE STANDARDS FOR METAL D SHALL BE AS FOLLOWS: A. UNDERWRITER'S LABORATORIES B. NATIONAL FIRE PROTECTION ASS FOR FIRE DOORS AND WINDOC C. NATIONAL FIRE PROTECTION ASS FOR FIRE DOORS AND WINDOC C. NATIONAL FIRE PROTECTION ASS FOR FIRE DOORS AND WINDOC C. NATIONAL FIRE PROTECTION ASS FOR FIRE DOORS AND WINDOC C. NATIONAL WOODWORK MANUFA WOOD FLUSH DOORS. D. AIR LEAKAGE: ASTM E283 E. WATER RESISTANCE: ASTM E331 2. GLAZING IN ALL LOCATIONS WHICH MAY LISTED IN THE 1.B.C. SECTION 2406.3, SU GLASS ENTRANCES AND EXIT DOORS, FD DOORS, SHOWER DOORS, TUB ENCLOS THE DOOR REQUIREMENTS SET FORTH STANDARD FOR GLAZING MATERIALS (1 LOCATED 18" ABOVE THE FINISH FLOOR SHALL BE TEMPERED. 3. ALL MANUFACTURED WINDOWS AND SL AIR INFILTRATION STANDARDS OF THE: INSTITUTE ASTM E283-73 WITH A PRESS SQUARE FOOT AND SHALL BE CERTIFIE 4. EXTERIOR ENTRANCE DOORS SHALL BE OR APPROVED EQUAL AND SHALL MEET ARI INFILTRATION: ASTM E283 WATER RESISTANCE: ASTM E331 ACOUSTICAL PERFORMANCE: ASTM THERMAL RESISTANCE: ASTM E331 ACOUSTICAL PERFORMANCE: ASTM THERMAL RESISTANCE: RATIM THERMAL RESISTANCE: ASTM E331 ACOUSTICAL PERFORMANCE: ASTM THERMAL RESISTANCE: RATIM THERMAL RESISTANC
	THER TRADES. DO NOT R APPROVAL.		

DISTURE NOTES

- GOVERN WITH MODIFICATIONS AS OF HEATING, REFRIGERATING AND AIR ANDBOOK OF FUNDAMENTALS.
- IN COMPLIANCE WITH "ARCHITECTURAL
- L ROOF AND WALL CONDITIONS, UGH EXTERIOR WALLS, EXTERIOR RED TO PROVIDE RMANCE.
- HALT SHINGLE ROOFS SHALL HAVE AN NE PLY OF #15 FELT, APPLIED AS NUM. R-803.4.
- LL NOT BE LESS THAN 1 TO 150 OF THE EPT THAT THE AREA MAY BE 1 TO 300. HE REQUIRED VENTILATING AREA IS IN THE UPPER PORTION OF THE SPACE TO E EAVE OR CORNICE VENTS WITH THE ION PROVIDED BY EAVE OR CORNICE TION AREA MAY NOT BE LESS THAN 1 TO ILATED WHEN THE VAPOR BARRIER EXCEEDING 1 PERM IS INSTALLED ON THE
- MAL INSULATION IN ACCORDANCE WITH
 - MUM
 - SPACE: R-19 MINIMUM R-30 MINIMUM CE: R-11 MINIMUM
- ON AT WINDOW SHIM SPACES.
- AND TIGHT TO AND BEHIND MECHANICAL E PLANE OF INSULATION. LEAVE NO GAPS
- PRESS GLASS INSULATION. AND TIGHT TO AND BEHIND MECHANICAL E PLANE OF INSULATION. LEAVE NO GAPS PRESS GLASS INSULATION.
- AREAS TO PERMIT AIRFLOW ALONG THE THE EAVE TO RIDGE.
- ERIOR FOUNDATION INSULATION AS
- TO COMPLY WITH MANUFACTURER'S O PRODUCTS AND APPLICATIONS PECIFICATIONS: NT: ASTM C-804
- DOWNSPOUTS AS PER SMACNA L.

NDOW NOTES

- DOORS, WOOD DOORS, AND WINDOWS S, INC.: BUILDING MATERIALS DIRECTORY.
- SOCIATION: PAMPHLET NO. 80 STANDARD DWS. ACTURER'S ASSOCIATION: I.S., 1078:
- Y BE SUBJECT TO HUMAN IMPACT, AS JCH AS FRAMELESS GLASS DOORS, FIXED GLASS PANELS, SLIDING GLASS SURES, AND STORM DOORS SHALL MEET IN THE BUILDING CODE AND THE SAFETY (16 CFR 1202). ALL GLAZING WHICH IS R AND 24" ADJACENT TO A DOOR JAMB
- LIDING GLASS DOORS SHALL MEET THE 1972 AMERICAN NATIONAL STANDARDS SURE DIFFERENTIAL OF 1.57 POUNDS PER ED AND LABELED.
- E 13/4" THICK INSULATED METAL DOORS T THE FOLLOWING REQUIREMENTS:
 - /I E413-70T-STC 28 LCULATED)
- FACTORY BACKED-ON PRIME PAINT GLAZING AND SIZED AS INDICATED ON
- OWNER.
- IMUM REQUIREMENTS: / 1% FLOOR AREA R AREA FLOOR AREA
- AREAS) SHALL BE MINIMUM 5.7 SQ. FT. NSION. MAXIMUM SILL HEIGHT SHALL BE
- DWARE SHALL COMPLY WITH ANSI A117.1 TIONS.
- TO HAZARDOUS SPACES SHALL BE
- RSONS SHALL HAVE PANIC EXIT DEVICES
- TING CORRIDORS SHALL HAVE POSITIVE AND CLOSERS.

ABREVIATIONS

L

LAB

LAV

LTG

MACH

MAINT

MAS

MAT

MAX

MB

MECH

MEZZ

MFRG

MIN

MISC

MO

Ν

NIC

NTS

OC

OD

OFF

OH

PASS

PCEJ

PERP

PLAM

PLAS

PLUMB

PR

PTD

PTD

PVC

QTY

QUAL

QT

R

RAD

RD

RECV

REF

REFR

REINF

REM

REV

RH

RM

RWC

SC

SD

SF

SCHED

SECT

SHT

SIM

SND

SNR

SQ

SS

ST

SSTL

STC

STD

STL

STOR

SUSP

TBD

THRU

TME

то

TPD

TYP

UH

UL

UON

VCT

VEST

W/

WBD

WD

WP

WWF

UV

ΤG

SPEC

SJ

REQD

PL

LH

AB	Anchor Bolt
AC	Air Conditioning
AC	Acoustic, Acoustical
ACT	Acoustical Tile
ADJ AFF	Adjacent Above Finish Floor
AFF	Above Finish Grade
AHU	Air Handling Unit
ALF	Aluminum Frame
ALT	Alternate
ALUM	Aluminum
ANCH	Anchor, Anchorage
ANOD	Anodized
APBO	As Provided By Owner
APPR	Approved
ARCH ASB	Architect, Architectural Asbestos
ASBO	As Selected By Owner
ASBO	Asphalt
ASST	Assistant
ASSY	Assembly
ATC	Acoustic Tile Ceiling
AUTO	Automatic
BD	Board
BEJ	Brick Expansion Joint
BEV	Bevel, Beveled
BIT	Bituminous
BLDG	Building
BLK BLKG	Block
BLKG	Blocking Beam
BO	Bottom Of
BOT	Bottom
BRG	Bearing / Bridging
BUR	Built Up Roofing
CAB	Cabinet
CAP	Capacity
CASE	Casement
CB	Chalk Board
CEM	Cement
CJ	Control Joint
CL CLG	Centerline
CLG	Ceiling Ceiling Height
CLO	Closet
COL	Column
CONC	Concrete
CONF	Conference
CONT	Continuous
CONTR	Contractor
CORR	Corridor
CRS	Course, Courses
СТ	Ceramic Tile
CTR	Center
CUH	Cabinet Unit Heater
DBL DEG	Double Degree
DEMO	Demolition
DEPT	Department
DET	Detail
DF	Drinking Fountain
DH	Double Hung
DIA	Diameter
DIM	Dimension
DIST	Distance
DN	Down
DR	Door
DS DWG	Downspout Drawing
EA	Each
EIFS	Exterior Insulation Finish
	System
EJ	Expansion Joint
EL	Elevation
ELEC	Electric, Electrical
ELEV	Elevator
EMERG	Emergency
EQ	Equal
EQUIP	Equipment
ETR	Existing To Remain
EUH EWC	Electric Unit Heater Electric Water Cooler
EXIST	Existing
EXP	Expansion
EXT	Exterior
FD	Floor Drain
FDN	Foundation
FE	Fire Extinguisher
FF	Finished Floor Finished Floor Elevation
FFE	Finished Floor Flovation
FIN	Finish, Finished
FIN FIXT	Finish, Finished Fixture
FIN FIXT FLASH	Finish, Finished Fixture Flashing
FIN FIXT	Finish, Finished Fixture
FIN FIXT FLASH FLR	Finish, Finished Fixture Flashing Floor
FIN FIXT FLASH FLR FLRFIN	Finish, Finished Fixture Flashing Floor Floor Finish
FIN FIXT FLASH FLR FLRFIN FPRFG	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings,
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board General Contractor
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board General Contractor Hose Bibb
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board General Contractor Hose Bibb Handicapped
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT HM	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height Hollow Metal
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT HM HORIZ	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height Hollow Metal Horizontal
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT HM HORIZ ID	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height Hollow Metal Horizontal Inside Diamter
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT HM HORIZ ID IN	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height Hollow Metal Horizontal Inside Diamter Inch
FIN FIXT FLASH FLR FLRFIN FPRFG FR FRGP FT FTG FURN FURR GA GALV GB GC HB HC HGT HM HORIZ ID IN INCL	Finish, Finished Fixture Flashing Floor Floor Finish Fireproofing Fire Retardant Fiber Reinforced Gypsum Panel Feet, Foot Footing Furnish, Furnishings, Furniture Furred, Furring Gauge Galvanized Galvanized Gypsum Board General Contractor Hose Bibb Handicapped Height Hollow Metal Horizontal Inside Diamter Inch Included

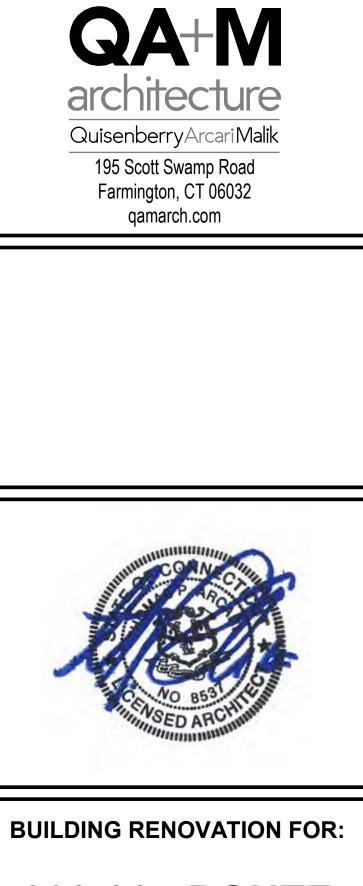
JT

KP

Joint

Kick Plate

Angle Laboratory Lavatory Left Hand Lighting Machine Maintenance Masonry Material Maximum Marker Board Mechanical Mezzanine Manufacturer Minimum Miscellaneous Masonry Opening North Not In Contract Not To Scale On Center Outside Diameter Office Overhead Passage Precast Expansion Joint Perpendicular Plate Plastic Laminate Plaster Plumbing PLYWD Plywood Pair PREFAB Prefabricated Painted Paper Towel Dispenser Polyvinylchloride Quarry Tile Quantity Quality Riser Radius Roof Drain Receiving / Receiver Reference Refrigerator Reinforce Remove Required Revised, Revision Robe Hook / Right Hand Room Rain Water Conductor Scupper Schedule Soap Dispenser Section Square Foot Sheet Similar Seismic Joint Sanitary Napkin Dispenser / Disposal Sanitary Napkin Receptacle Specifacations Square Stainless Steel Structural Steel Sound Transmission Sound Transmission Coefficient Standard Steel Storage STRUCT Structure, Structural Suspend, Suspension Tread Tack Board Tongue and Groove Through To Match Existing Top Of Toilet Paper Dispenser Typical Unit Heater Underwriter's Laboratory Unless Otherwise Noted Unit Ventilator Vinyl Composition Tile Vestibule With White Board Wood Waterproofing Welded Wire Fabric



303-307 ROUTE 32

MONTVILLE, CT State Project #: Optional Project #: **2291**

Revisions

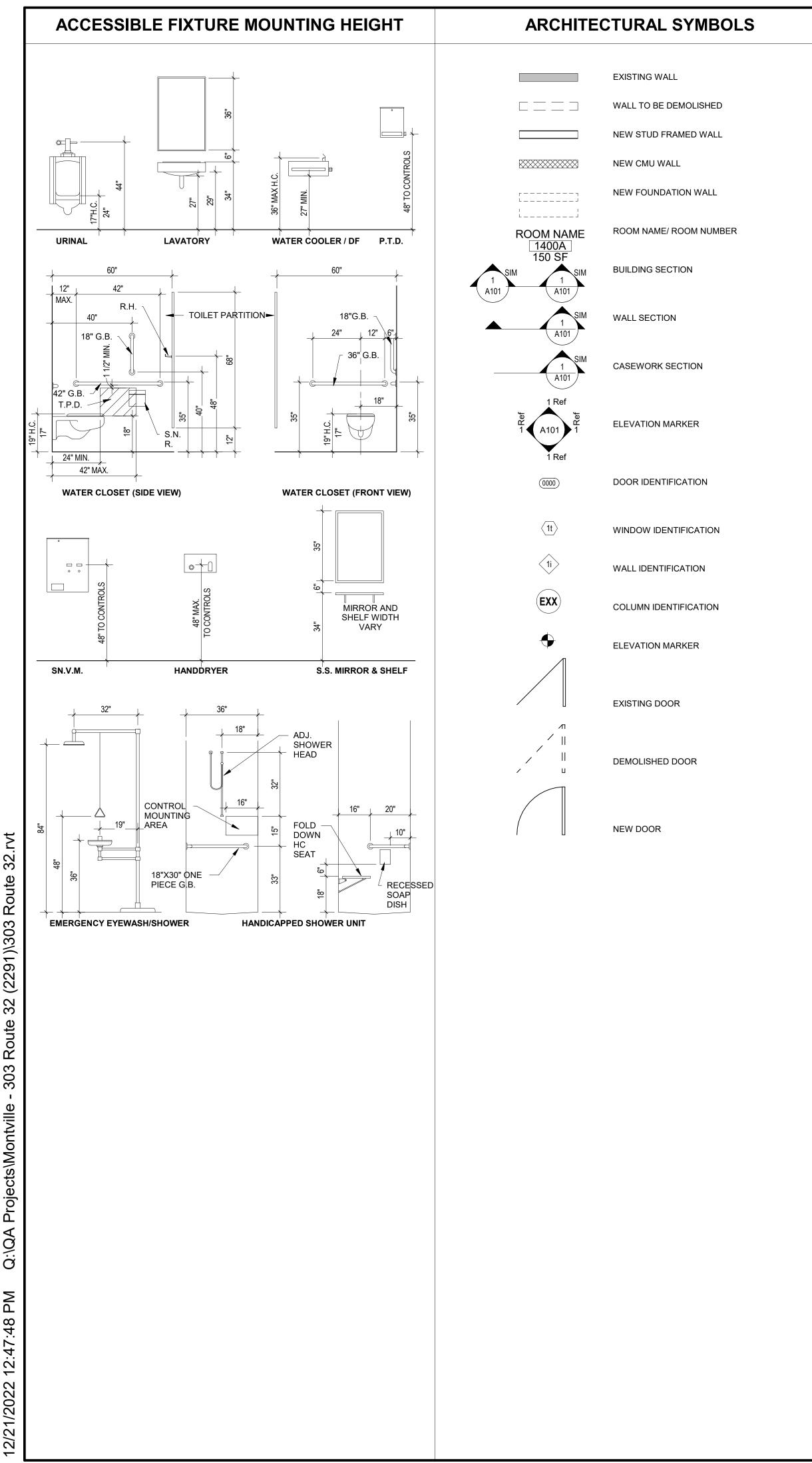
Issue Dates:



ISSUED FOR PERMIT OCTOBER 21, 2022

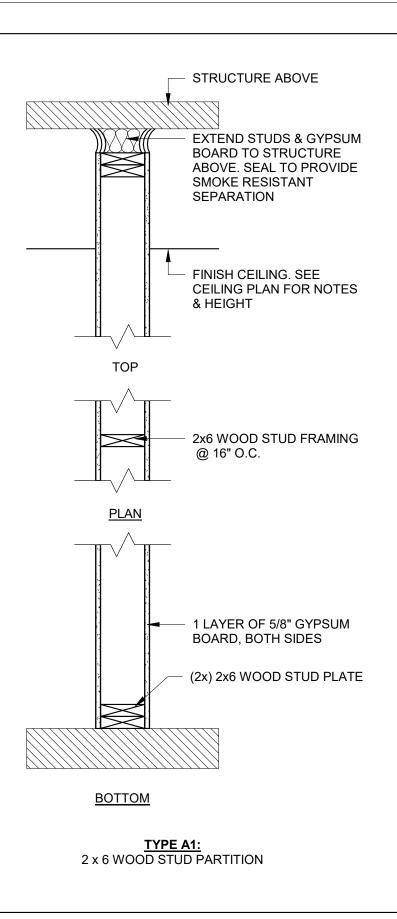
GENERAL INFORMATION

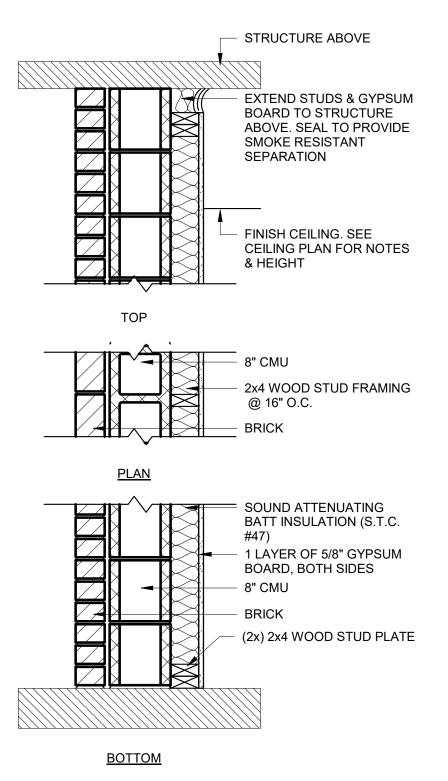




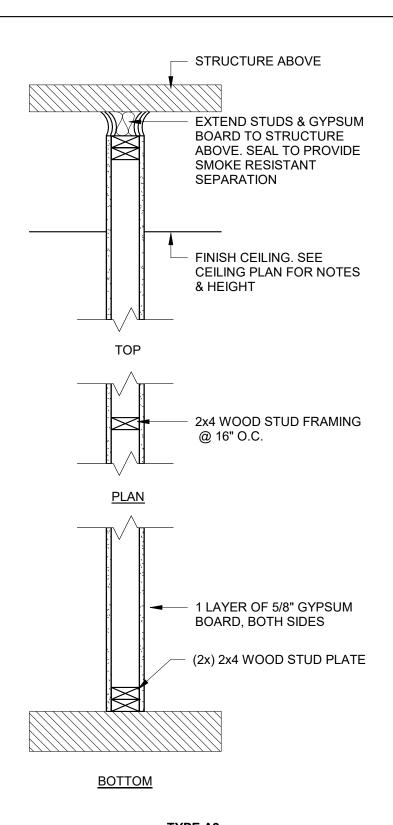
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WALL TYPES

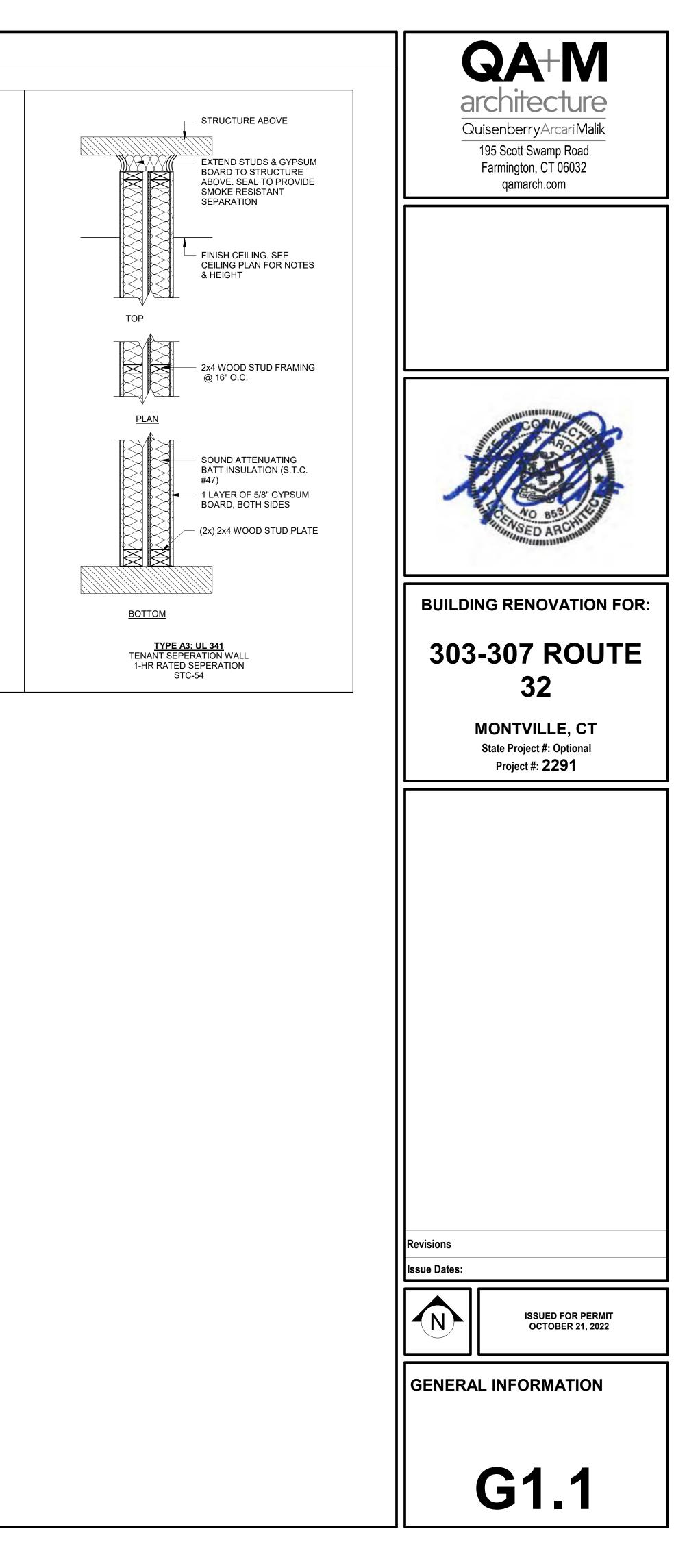




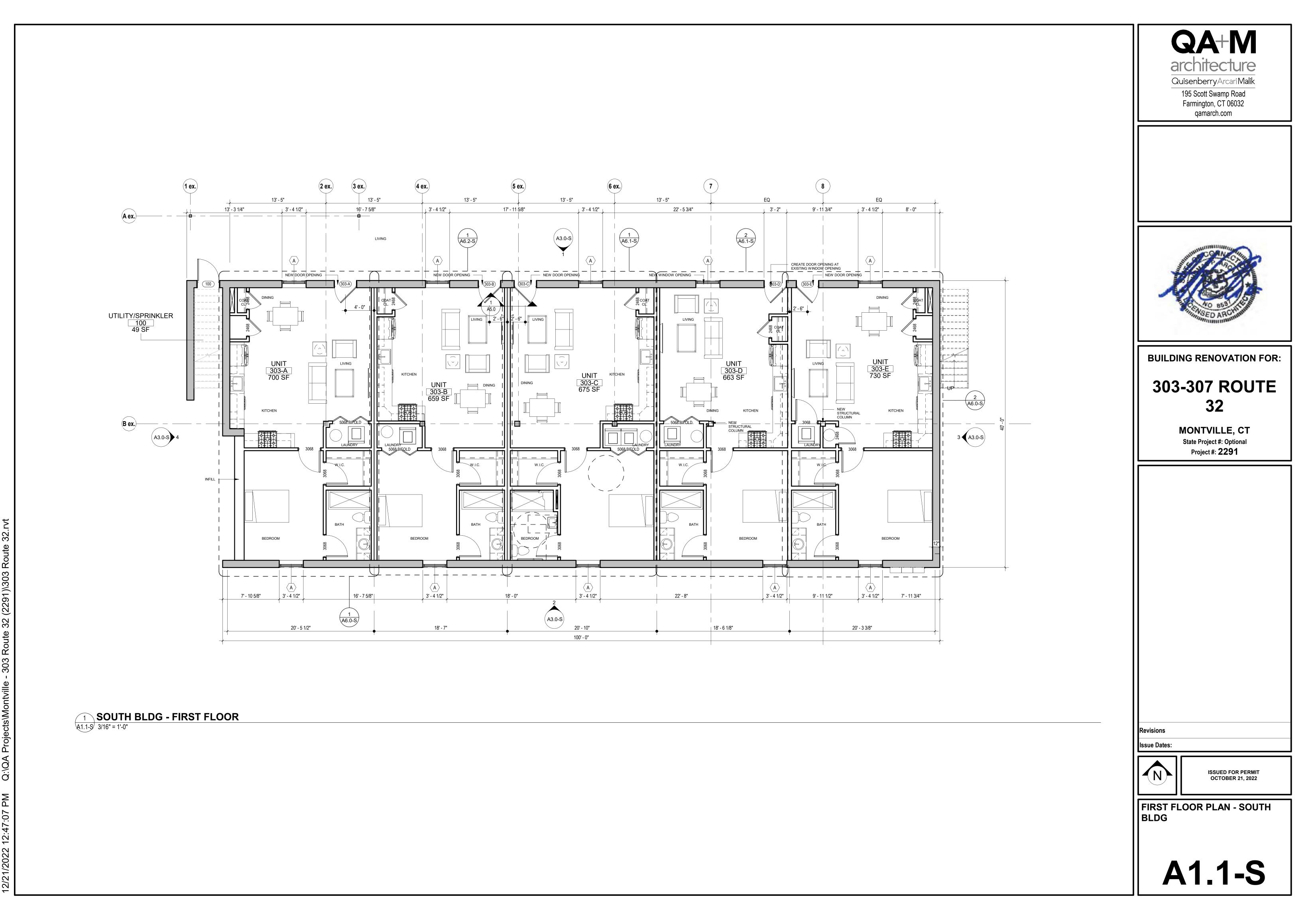
<u>TYPE B1:</u> EXTERIOR INFILL WALL

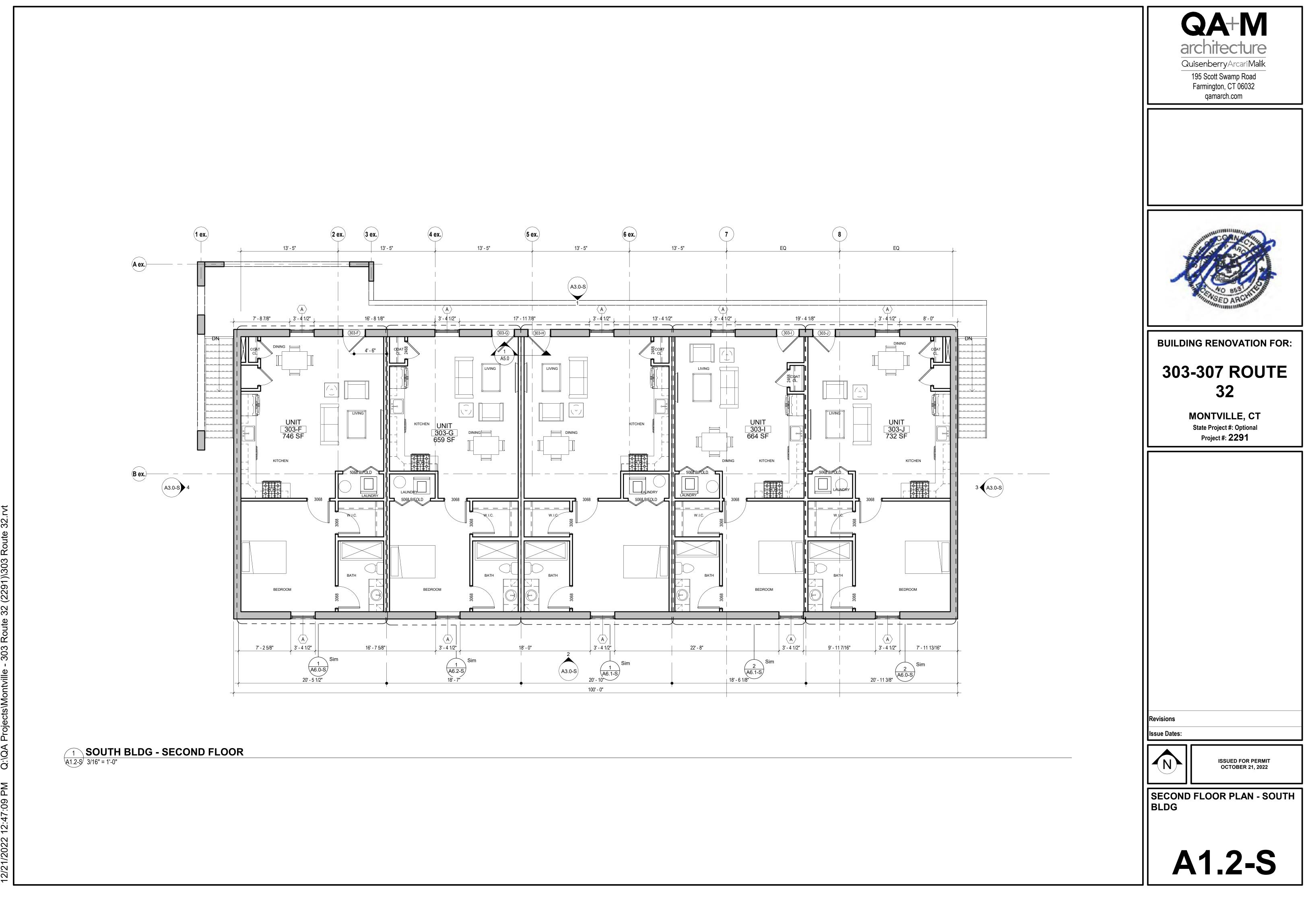


<u>TYPE A2:</u> 2 x 4 WOOD STUD PARTITION



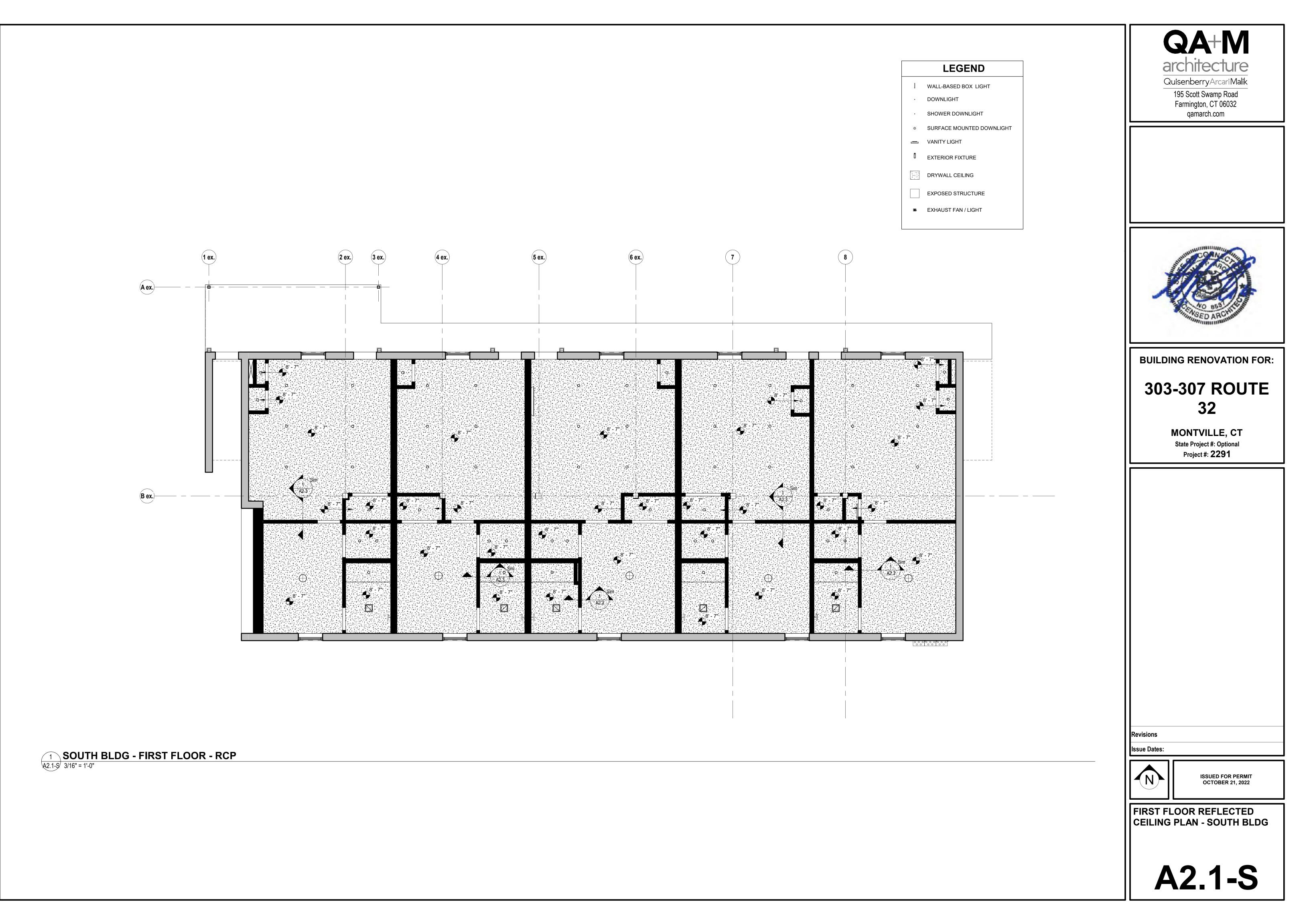
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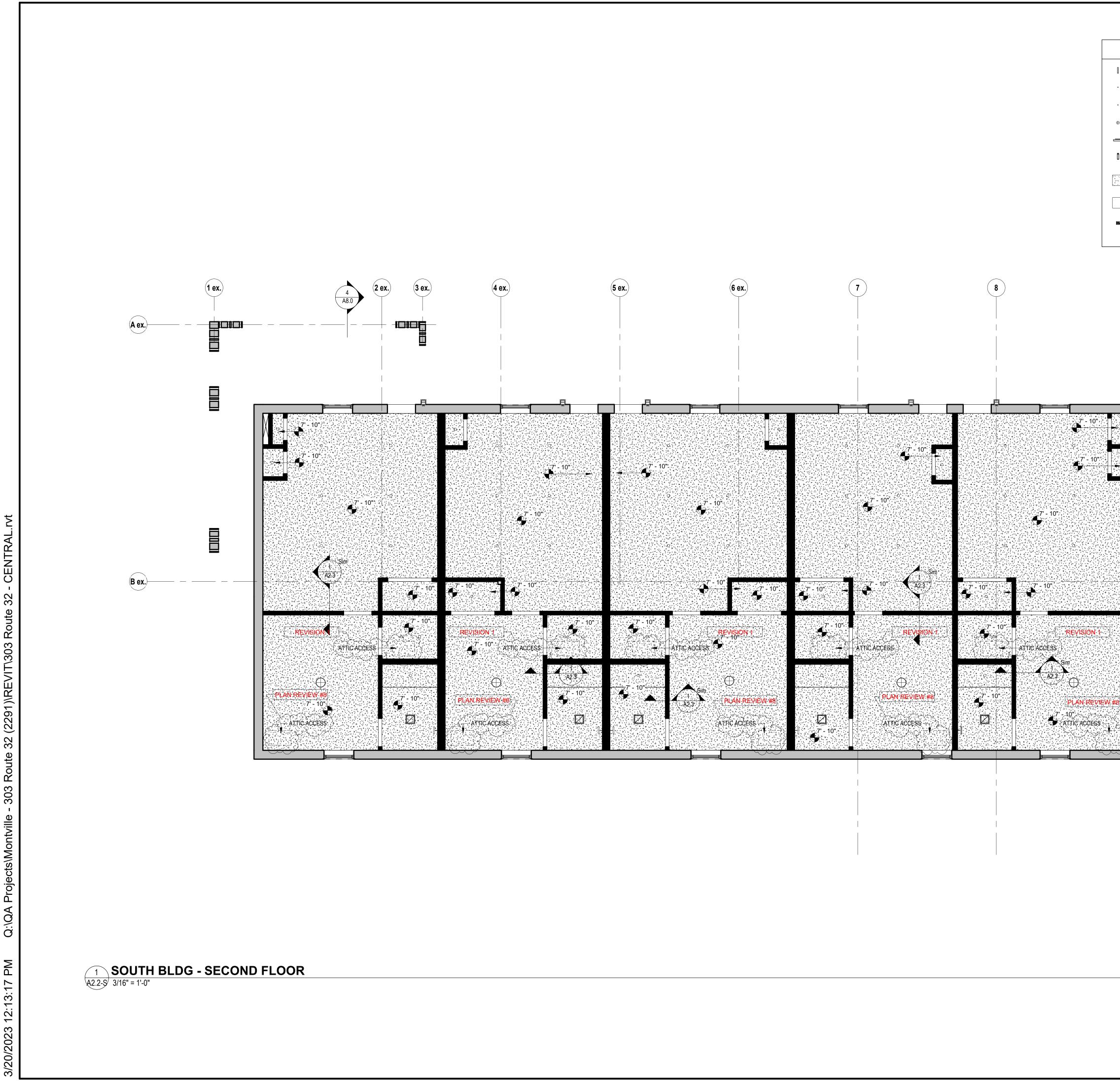




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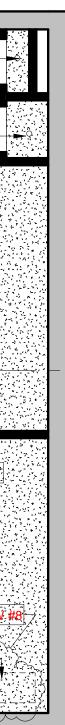






LEGEND

- WALL-BASED BOX LIGHT
- DOWNLIGHT
- SHOWER DOWNLIGHT
 SURFACE MOUNTED DOWNLIGHT
- VANITY LIGHT
- EXTERIOR FIXTURE
- DRYWALL CEILING
- EXPOSED STRUCTURE
- EXHAUST FAN / LIGHT





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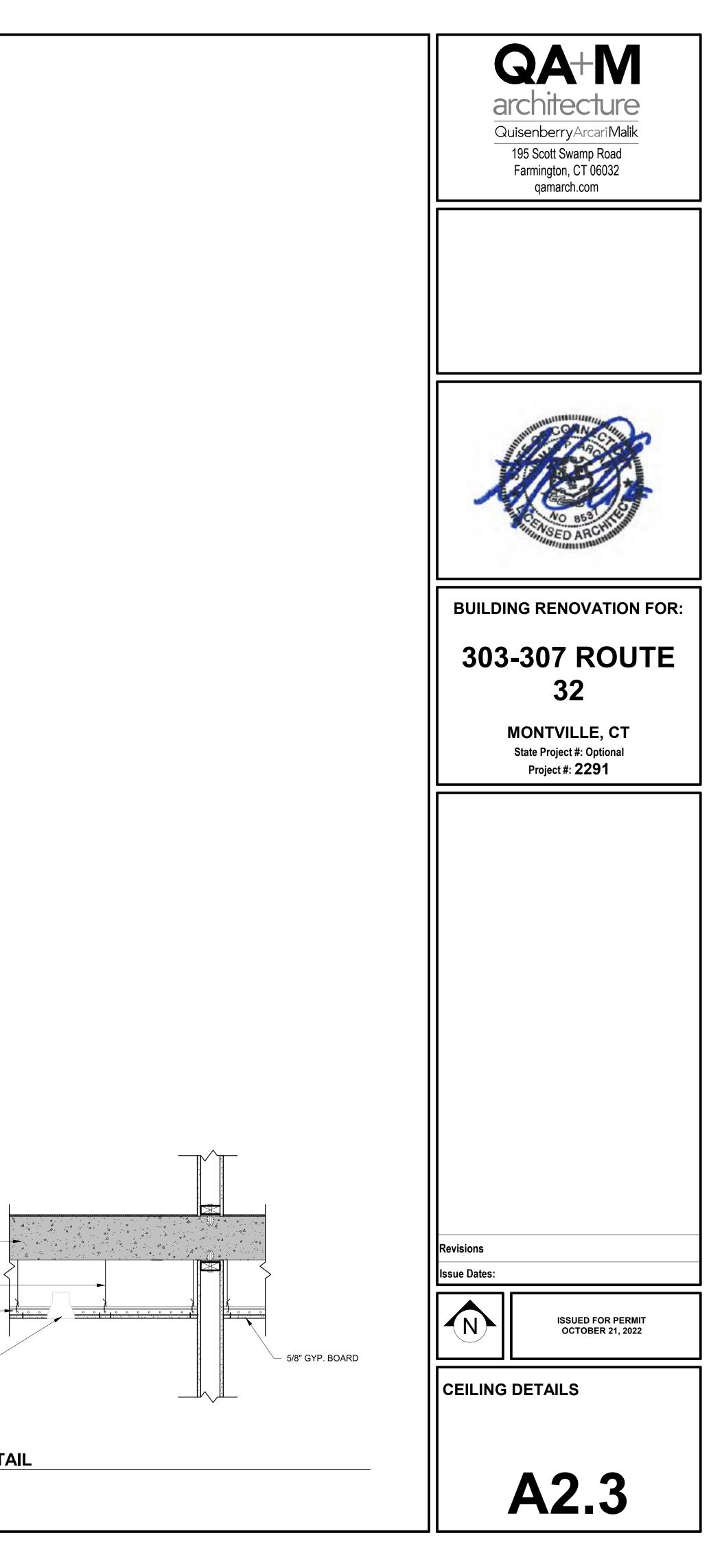
EXISTING STRUCTURE ABOVE

HANGER WIRE TO STRUCTURE ABOVE, TYP. -

SUSPENDED DRYWALL GRID

ENDED DRYWALL GRID

RECESSED CAN -LIGHT AS OCCURS

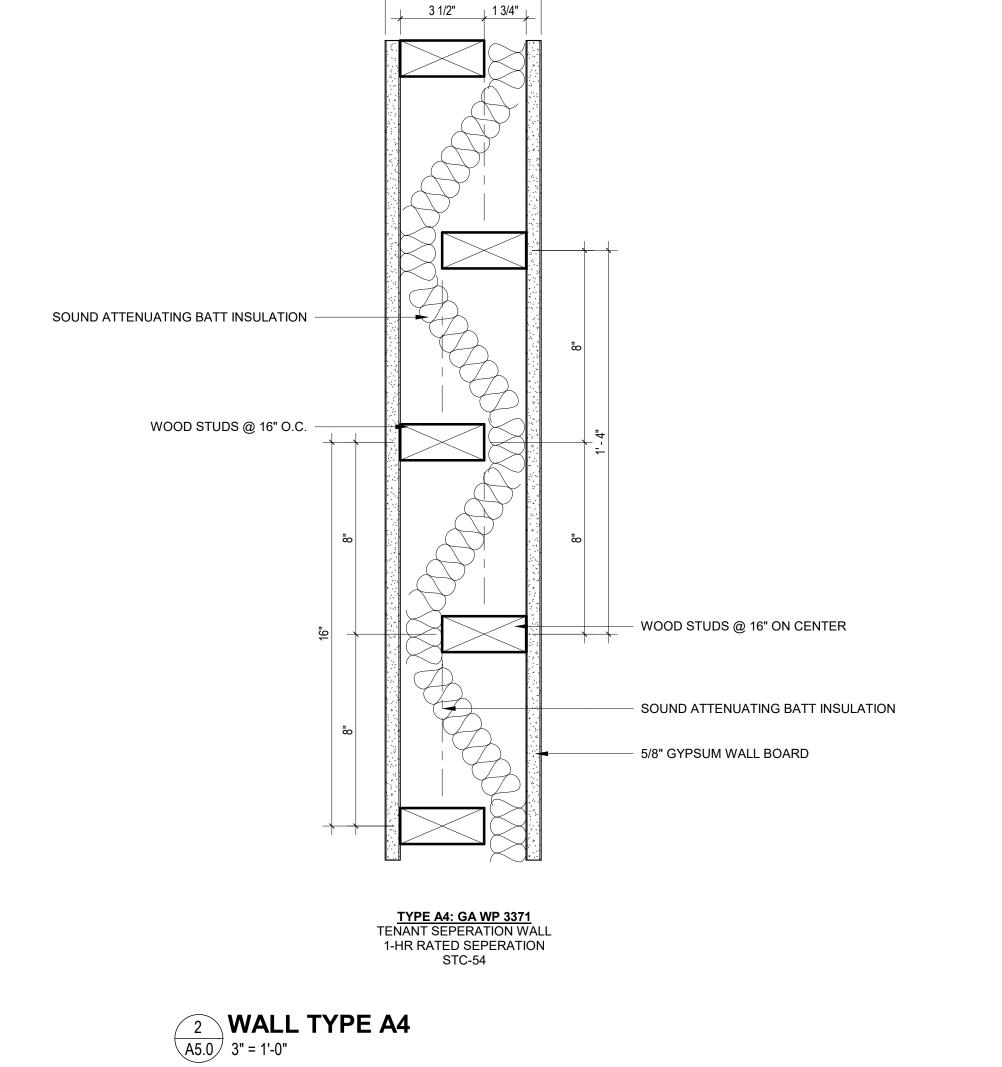




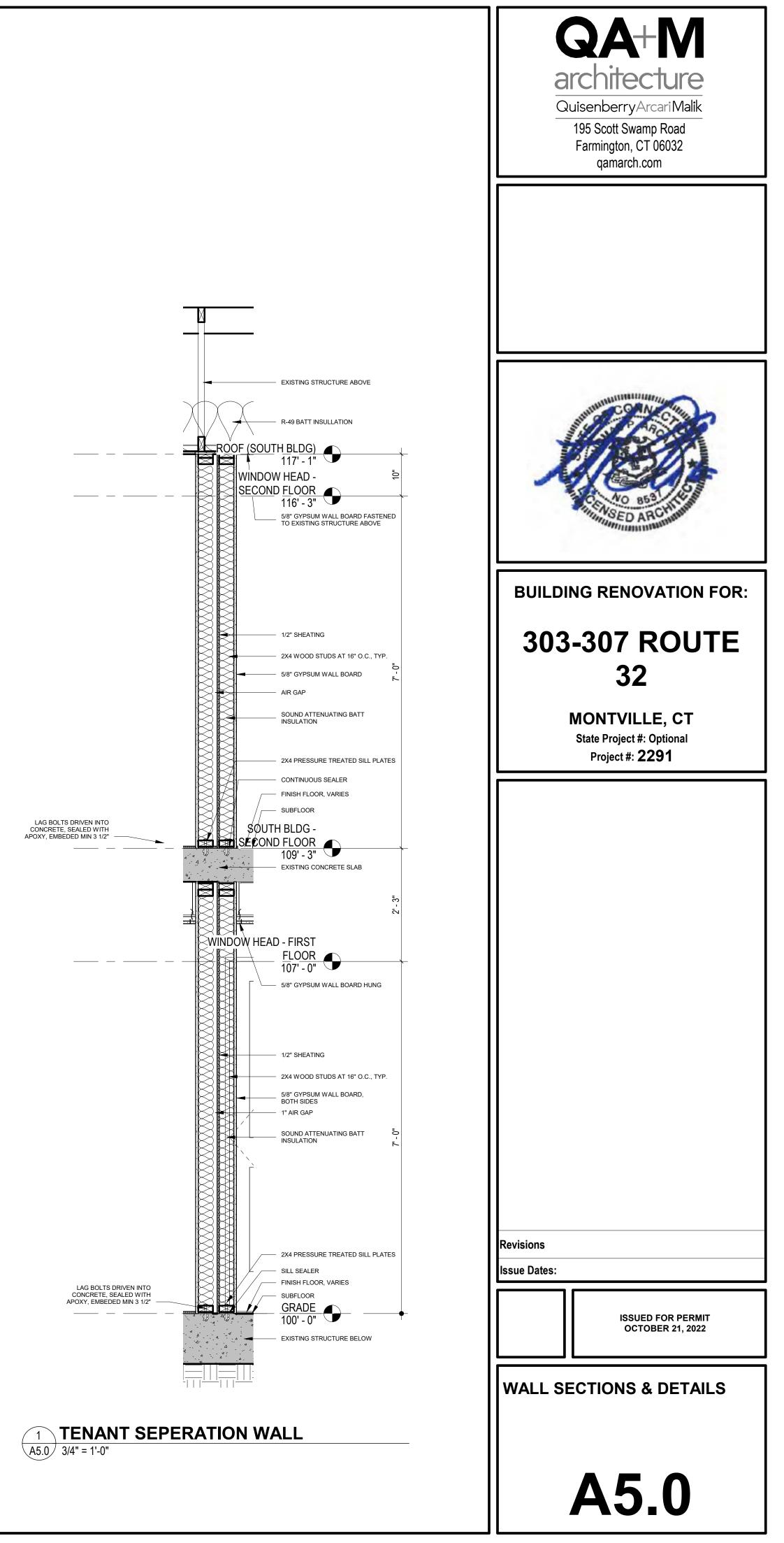
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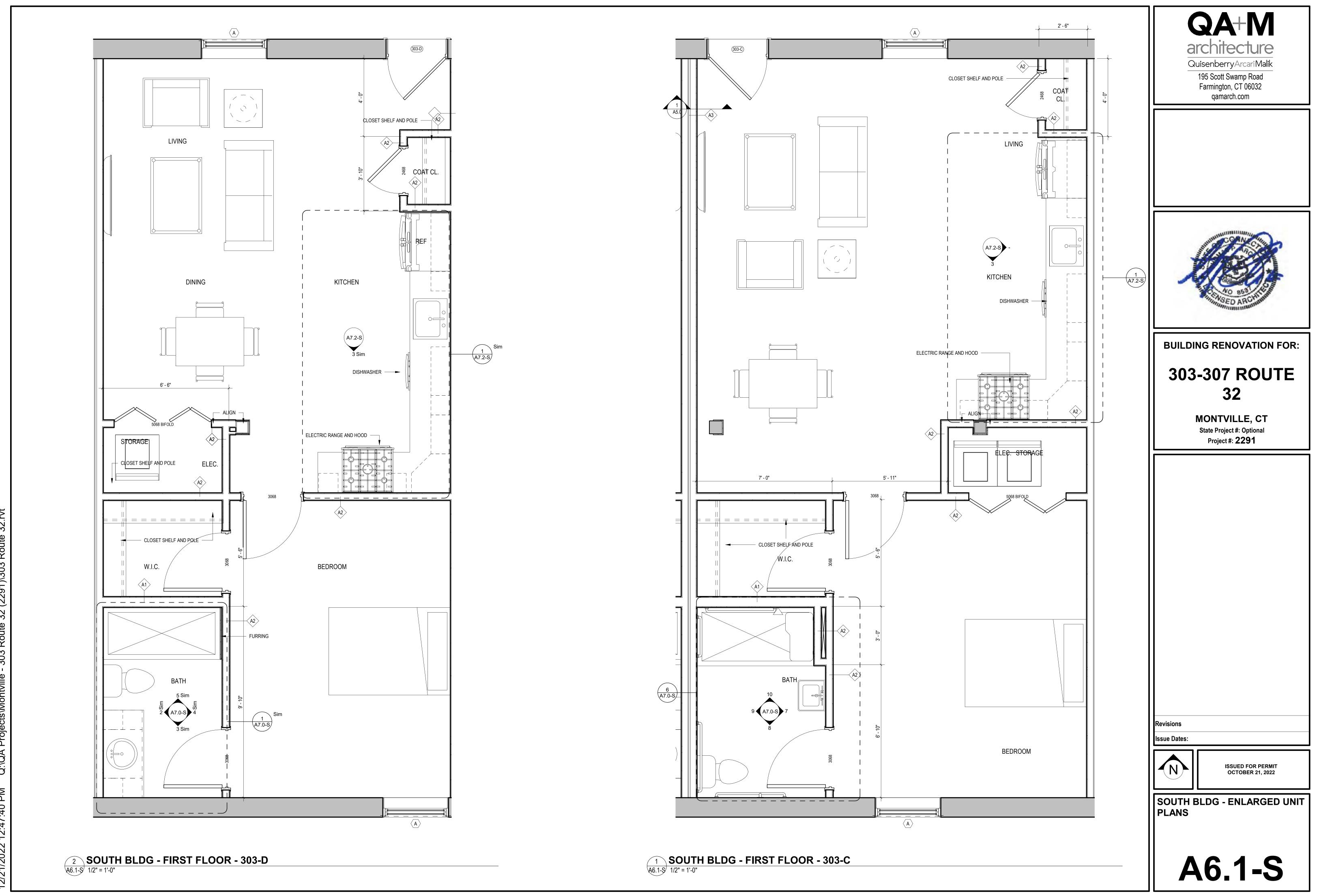


6 1/2"



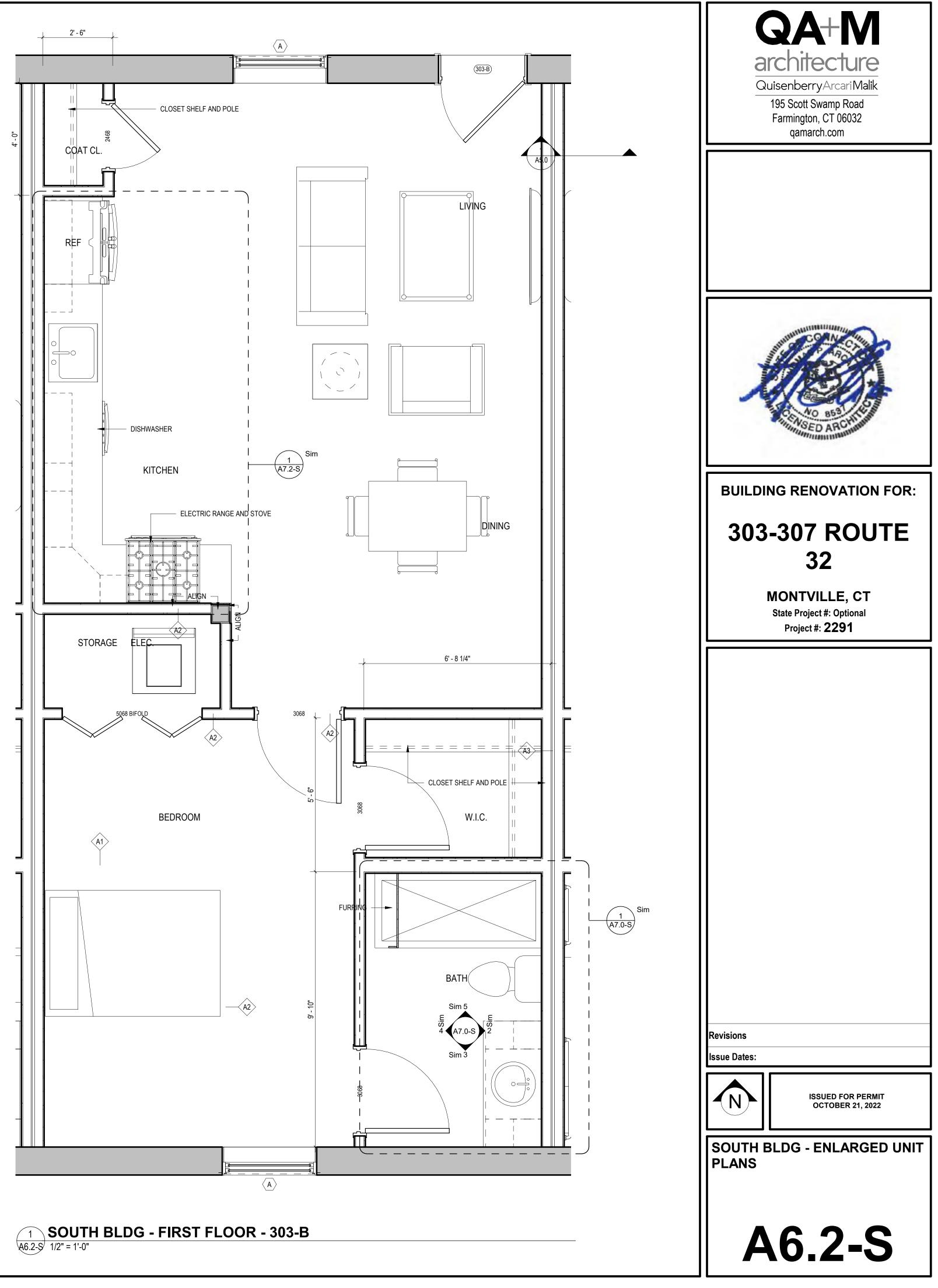


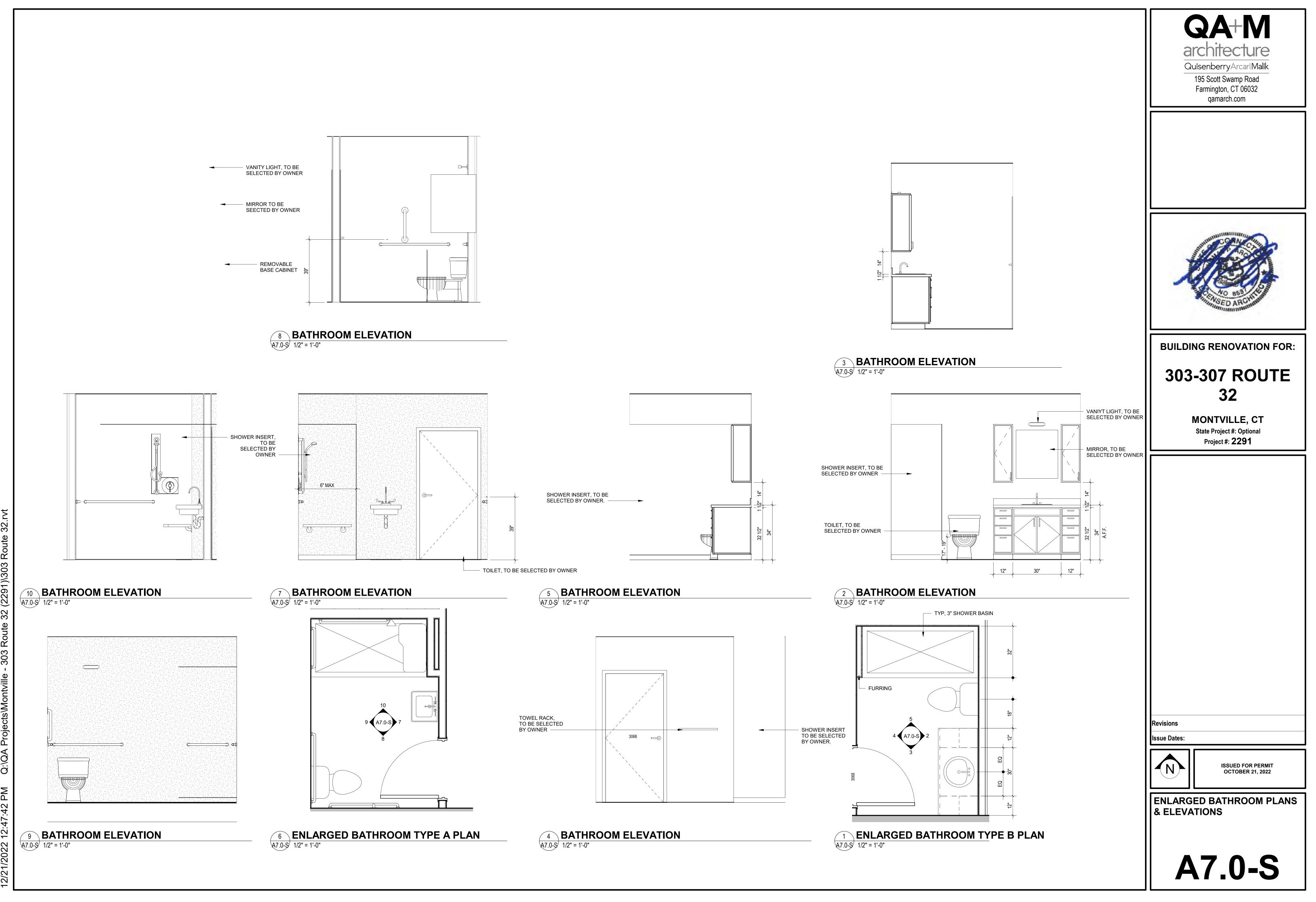
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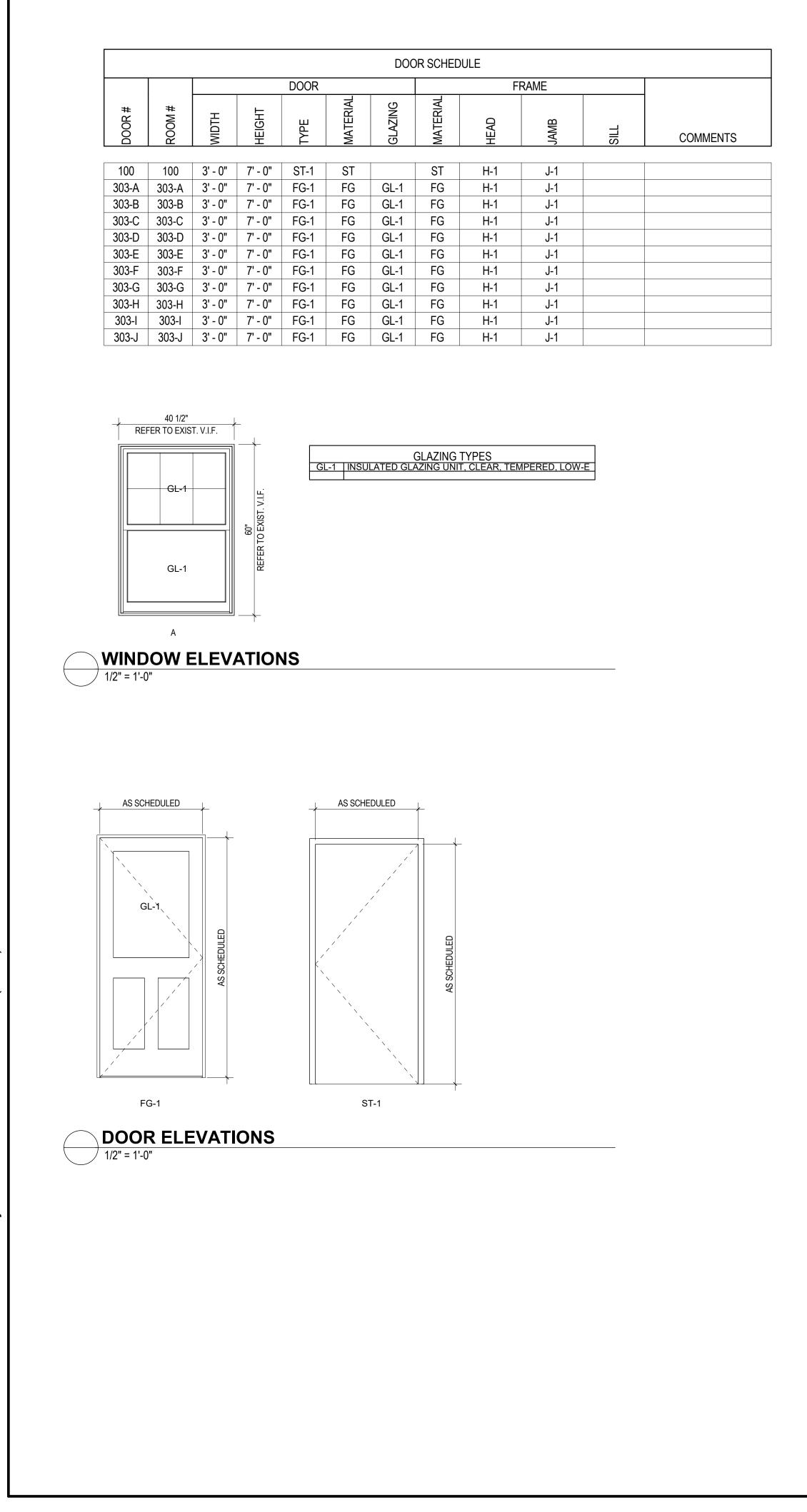


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