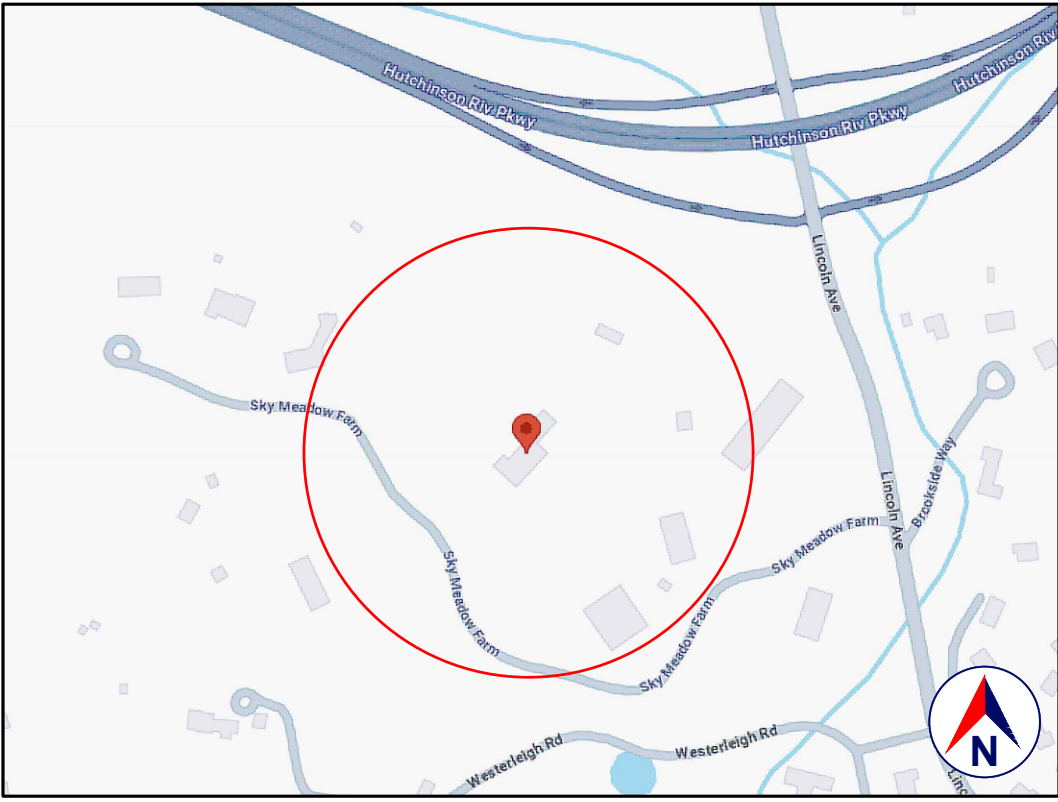
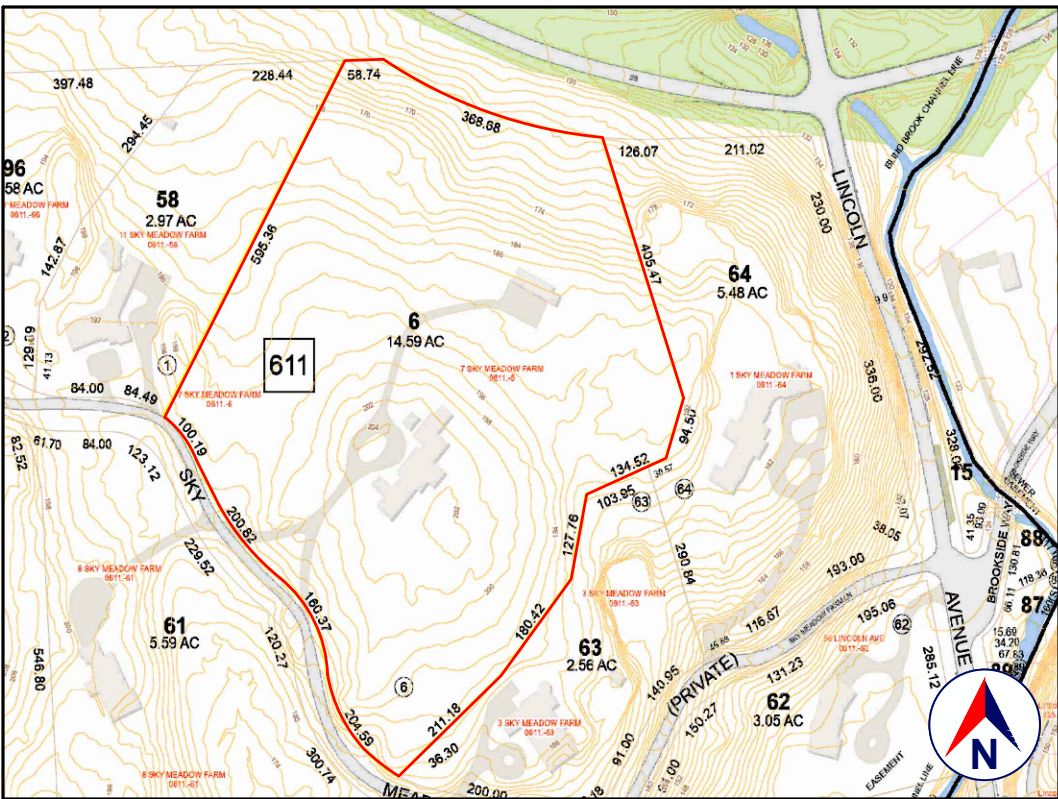




LOCATION
GOOGLE MAPS



SATELLITE VIEW
GOOGLE EARTH



TAX MAP & TOO
WESTCHESTER COUNTY GIS



EXTERIOR VIEW
(DAVE)

1.0 GENERAL REQUIREMENTS:

1.1 DESIGN INTENT:

THESE (STRUCTURAL) DRAWINGS ADDRESS ONLY THE STRUCTURAL INTEGRITY, BASED ON THE STIPULATED LOADS, OF THE PROPOSED CONSTRUCTION.

THESE DRAWINGS SHOULD ONLY BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND OTHER DRAWINGS.

IT IS THE OVERALL INTENT OF (ALL OF THE DRAWINGS) TO CALL FOR COMPLETE AND FINISHED WORK, IN COMPLIANCE WITH THE NOTED CODES, AND TESTED AND GUARANTEED AND READY FOR OPERATION.

THESE (STRUCTURAL) DRAWINGS ARE NOT INTENDED TO ADDRESS: ZONING; DRAINAGE; GRADING, OR OTHER SITE ISSUES.

THESE (STRUCTURAL) DRAWINGS ARE NOT INTENDED TO ADDRESS: BUILDING PLANNING; DIMENSIONAL COORDINATION; THERMAL OR MOISTURE PROTECTION; EGRESS; FIRE PROTECTION; MECHANICAL; HEAT, LIGHT AND VENTILATION; GENERAL BUILDING; OR ANY OTHER OTHER NON-STRUCTURAL ISSUES.

REFER TO THE ARCHITECTURAL CONSULTANTS DRAWINGS FOR ALL SUCH ISSUES.

THE ENGINEER HAS NOT BEEN ENGAGED TO SUPERVISE ANY WORK AND DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

1.2 SCOPE AND CLASSIFICATION:

THIS IS A PROPOSED ALTERATION LEVEL 2, AS DEFINED IN THE EXISTING RESIDENTIAL CODE, SECTION 603.1 (MAY INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT), AND SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 AND 8 OF THAT CODE.

CONSTRUCTION TYPE: TYPE V-B, AS DEFINED IN TABLE 601

YEAR BUILT: 1927 (PER ZILLOW)

OCCUPANCY CLASSIFICATION: DETACHED ONE-FAMILY DWELLING STRUCTURE

ARCHITECTURAL REVIEW: REFER TO ARCHITECTURAL DRAWINGS

1.3 COMPLIANCE:

ALL WORK SHALL BE IN COMPLIANCE WITH:

- THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (2018 IRC WITH AMENDMENTS) AND ALL OTHER CODES REFERENCED THEREIN; PER R101.1, THIS CODE IS PART OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (THE "UNIFORM CODE")
- THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE (2018 IBCB WITH AMENDMENTS)
- PART V, GENERAL LEGISLATION, CHAPTER 103, BUILDING CONSTRUCTION AND CHAPTER 105, BUILDING ENFORCEMENT; OF THE CODE OF THE TOWN/VILLAGE OF HARRISON.
- ALL OTHER REFERENCED CODES AND ALL OTHER CODES AND REGULATIONS, LOCAL, STATE AND FEDERAL, THAT APPLY.

1.4 AUTHORITY HAVING JURISDICTION:

THE AUTHORITY HAVING JURISDICTION, AS DEFINED IN [NY] 103.1 OF THE BUILDING CODE, AND WHICH SHALL PROVIDE FOR ADMINISTRATION AND ENFORCEMENT OF THE UNIFORM CODE AND ENERGY CODE BY LOCAL LAW, ORDINANCE, OTHER APPROPRIATE REGULATION, OR COMBINATION THEREOF, IS THE TOWN/VILLAGE OF HARRISON.

THE DULY APPOINTED BUILDING OFFICIAL OF THE TOWN/VILLAGE OF HARRISON IS AUTHORIZED TO ENFORCE THE PROVISIONS OF THE CODE.

THE BUILDING OFFICIAL MAY ADOPT POLICIES AND PROCEDURES IN ORDER TO CLARIFY THE APPLICATION OF THE PROVISIONS OF THE CODE. SUCH POLICIES AND PROCEDURES SHALL BE IN COMPLIANCE WITH THE INTENT AND PURPOSE OF THE CODE.

2.0 DESIGN CRITERIA:

2.1 DEAD LOAD:

PER 301.4, THE ACTUAL WEIGHTS OF MATERIALS AND CONSTRUCTION SHALL BE USED FOR DETERMINING DEAD LOAD; THE FOLLOWING APPROXIMATIONS (IN PSF) ARE USED FOR THIS PROJECT:

USE	PSF
FRAMED WALL ASSEMBLY:	15
ROOF/CEILING ASSEMBLY:	20
FLOOR ASSEMBLY:	15

ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

2.2 LIVE LOAD:

UNIFORMLY DISTRIBUTED LIVE LOADS SHALL BE PER TABLE R301.5 AND AS FOLLOWS* (IN PSF):

USE	SF	OTHER
UNINHABITABLE SPACE WITHOUT STORAGE:	10	(<42"H, 24"W)
UNINHABITABLE ATTICS UNLIMITED STORAGE:	20	
HABITABLE ATTICS & ATTICS W/FIXED STAIRS:	30	
EXTERIOR BALCONIES & DECKS:	40	
FIRE ESCAPES:	40	
GUARDS & HANDRAILS:	200	(CONCENTRATED)
GUARD IN-FILL COMPONENTS:	50	(HORIZONTAL)
PASSENGER VEHICLE GARAGE:	50	(\$2,000LB/20SI)
ROOMS OTHER THAN SLEEPING ROOMS:	40	
SLEEPING ROOMS:	40	
STAIRS:	40	(\$300LB/4SI)
ROOF, PER 301.6 (INC. SNOW):	30	

*SOME OF THE LOADS LISTED ABOVE MAY BE HIGHER THAN THOSE REQUIRED PER CODE. ALL OF THE LOADS LISTED MAY NOT APPLY TO THE CURRENT PROJECT.

2.3 WIND LOAD:

WIND LOADS SHALL BE BASED ON THE ULTIMATE DESIGN WIND SPEED LISTED IN TABLE 301.2(1) AND ADJUSTED FOR HEIGHT AND EXPOSURE:

120 MPH WIND LOADS WILL BE ALLOWED FOR IN: THE DESIGN LOAD PERFORMANCE REQUIREMENTS FOR WALL COVERINGS, ROOF COVERINGS, WINDOWS, SKYLIGHTS AND DOORS.

COMPONENT AND CLADDING LOADS WILL BE PER TABLE R301.2(2)

2.4 ALLOWABLE LIVE LOAD DEFLECTION:

THE ALLOWABLE LIVE LOAD DEFLECTION OF ALL STRUCTURAL MEMBERS, SHALL BE PER TABLE R301.7 AND AS FOLLOWS:

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
RAFTERS HAVING SLOPES GRATER THAN 3:12 WHIT FINISHED CEILING NOT ATTACHED TO RAFTERS	L/180
INTERIOR WALLS AND PARTITIONS	L/180
FLOORS	L/360
CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)	L/360
CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L/240
ALL OTHER STRUCTURAL MEMBERS	L/240
EXTERIOR WALLS-WIND LOAD WITH PLASTER OR STUCCO FINISHES	L/360
EXTERIOR WALLS-WIND LOAD WITH OTHER BRITTLE FINISHES	H/240
EXTERIOR WALLS-WIND LOADS WITH FLEXIBLE FINISHES	H/120
LINTELS SUPPORTING MASONRY VENEER WALLS	L/600

2.5 CLIMATIC AND GEOGRAPHIC CRITERIA:

CLIMATIC AND DESIGN CRITERIA FOR THE TOWN/VILLAGE OF HARRISON ARE PER TABLE R301.2(1) AND AS FOLLOWS:

PER 2020 RESIDENTIAL CODE OF NEW YORK STATE, TABLE 301.2(1)				(WIND) EXPOSURE CATEGORY: B		CLIMATE ZONE: 4A	
ORIGIN	WIND SPEED	WIND DIRECTION	WIND EFFECTS	WIND DIRECTION	WIND EFFECTS	WIND DIRECTION	WIND EFFECTS
30 PSF	100-119	NO	NO	NO	C	SEVERE	2'-0"

3.0 CONTRACTOR'S RESPONSIBILITIES:

THE CONTRACTOR SHALL:

- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FINISHED JOB.
- PROVIDE ALL NECESSARY SHORING AND BRACING FOR ALL BUILDING COMPONENTS IN ORDER TO ADEQUATELY PROTECT AGAINST ANY FAILURES.
- OBTAIN AND PAY FOR ALL REQUIRED PERMITS - UNLESS OTHERWISE STIPULATED.
- PRIOR TO THE SUBMISSION OF ANY BID, AND BEFORE PROCEEDING WITH ANY WORK, VISIT THE SITE AND VERIFY AND FAMILIARIZE HIM/HERSELF WITH ALL SITE DIMENSIONS AND CONDITIONS, WITH SITE WORKING CONDITIONS, HOURS OF LEGAL OPERATION, METHODS AND ROUTES OF ACCESS, AND THE EXISTENCE AND EXTENT OF ANY OTHER RESTRICTIONS, AND BE RESPONSIBLE FOR THE VERIFICATION OF ALL SUCH CONDITIONS AND DIMENSIONS WHICH PERTAIN TO THE PROJECT.
- BRING ALL DISCREPANCIES IN CONDITIONS AND DIMENSIONS, BETWEEN THE APPROVED DRAWINGS AND ACTUAL FIELD CONDITIONS, TO THE IMMEDIATE ATTENTION OF THE OWNER, AND RECEIVE DIRECTION IN WRITING, BEFORE PROCEEDING WITH THE AFFECTED WORK.
- VERIFY THE AVAILABILITY, LOCATION LAYOUT AND CONDITION OF UTILITIES, INCLUDING SEWER, WATER, GAS AND ELECTRIC LINES, PRIOR TO THE SUBMISSION OF ANY BID.
- PRIOR TO THE COMMENCEMENT OF ANY WORK, VERIFY THE CONDITION OF ALL ADJOINING STRUCTURES WHICH MAY BE AFFECTED, AND PROVIDE ADEQUATE PROTECTION TO ANY STRUCTURE THAT MIGHT BE OTHERWISE AFFECTED.
- IN THE EVENT THAT DAMAGE IS CAUSED TO ANY STRUCTURE, FINISH, OR OTHER ELEMENT, RESTORE SUCH ELEMENTS TO THEIR ORIGINAL CONDITION.
- HAVE CONTROL, OVER AND SUPERVISE, COORDINATE AND DIRECT THE WORK, INCLUDING THAT OF HIS SUBCONTRACTORS, AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR JOBSITE SAFETY.
- IF APPLICABLE, PROVIDE WEATHER PROTECTION, IN AN EFFECTIVE AND TIMELY MANNER, TO PROTECT THE PREMISES, PERSONNEL, MATERIALS AND INSTALLED WORK.
- BE A HOME IMPROVEMENT CONTRACTOR WITH A CURRENT LICENSE ISSUED BY THE WESTCHESTER COUNTY DEPARTMENT OF CONSUMER AFFAIRS.
- BE CERTIFIED AS A LEAD SAFE FIRM BY THE EPA PER 40 CFR 745.226.
- CARRY LIABILITY INSURANCE TO THE LIMITS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND (ISSUE CERTIFICATE(S) OF INSURANCE AS REQUIRED BY THE HOMEOWNER AND/OR THAT AUTHORITY.
- CARRY WORKMAN'S COMPENSATION AND DISABILITY INSURANCE AS REQUIRED THE LAW AND ISSUE CERTIFICATE(S) AS REQUIRED BY THE HOMEOWNER AND/OR THE AUTHORITY HAVING JURISDICTION.

4.0 BUILDING PERMIT:

NO PERSON OR ENTITY SHALL COMMENCE, PERFORM, OR CONTINUE ANY WORK THAT MUST CONFORM WITH THE UNIFORM CODE AND/OR ENERGY CODE UNLESS:

- SUCH PERSON OR ENTITY HAS APPLIED TO THE TOWN/VILLAGE OF HARRISON FOR A BUILDING PERMIT,
- THE TOWN/VILLAGE OF HARRISON HAS ISSUED A BUILDING PERMIT AUTHORIZING SUCH WORK,
- SUCH BUILDING PERMIT HAS NOT BEEN REVOKED OR SUSPENDED, AND
- SUCH BUILDING PERMIT HAS NOT EXPIRED.

THE BUILDING PERMIT IS REQUIRED TO BE VISIBLY DISPLAYED AT THE WORKSITE AND TO REMAIN VISIBLE UNTIL THE PROJECT, AND ALL REQUIRED INSPECTIONS, HAVE BEEN COMPLETED.

THE APPROVED DRAWINGS MUST BE KEPT AT THE WORKSITE AND BE AVAILABLE FOR REVIEW AT THE TIME OF ANY REQUIRED INSPECTIONS.

5.0 CONSTRUCTION INSPECTIONS:

IT SHALL BE THE DUTY OF THE HOLDER OF THE BUILDING PERMIT, OR THEIR DULY AUTHORIZED AGENT, TO NOTIFY THE BUILDING OFFICIAL WHEN WORK IS READY FOR INSPECTION:

BUILDING DEPARTMENT OF THE TOWN/VILLAGE OF HARRISON

1 HEINEMANN PLACE
HARRISON, NY 10528
TEL: (914) 670-3058
EMAIL: rgeman@harrison-ny.gov
WEBSITE: www.harrison-ny.gov/building-department

ANY PERSON OR ENTITY PERFORMING WORK FOR WHICH A BUILDING PERMIT HAS BEEN ISSUED SHALL KEEP SUCH WORK ACCESSIBLE AND EXPOSED UNTIL THE WORK HAS BEEN INSPECTED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION, OR ITS AUTHORIZED AGENT, AT EACH ELEMENT OF THE CONSTRUCTION PROCESS THAT IS APPLICABLE TO THE WORK.

BUILDING PERMIT HOLDERS SHALL BE REQUIRED TO NOTIFY THE BUILDING OFFICIAL OF THE TOWN/VILLAGE OF HARRISON WHEN CONSTRUCTION WORK IS READY FOR INSPECTION.

THE BUILDING OFFICIAL SHALL MAKE THE REQUIRED INSPECTIONS OR SHALL HAVE THE AUTHORITY TO ACCEPT WRITTEN REPORTS OF INSPECTION BY APPROVED AGENCIES OR INDIVIDUALS.

REQUIRED INSPECTIONS FOR THIS PROJECT MAY INCLUDE THE FOLLOWING, AS APPLICABLE, OR AS SPECIFIED IN THE CODE ENFORCEMENT PROGRAM OF THE TOWN/VILLAGE OF HARRISON:

- WORKSITE PRIOR TO THE ISSUANCE OF A PERMIT
- PLUMBING*
- ELECTRICAL*
- MECHANICAL
- FRAMING (SUBSEQUENT TO THE INSPECTION & APPROVAL OF PLUMBING, ELECTRICAL & MECHANICAL)
- FIRE RESISTANT CONSTRUCTION
- FIRE RESISTANT PENETRATIONS
- ENERGY CODE COMPLIANCE
- A FINAL INSPECTION AFTER ALL WORK AUTHORIZED BY THE BUILDING PERMIT HAS BEEN COMPLETED
- ANY OTHER INSPECTIONS AS REQUIRED BY THE TOWN/VILLAGE OF HARRISON.

A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE TOWN/VILLAGE OF HARRISON.

*THE WORK APPLICABLE TO SOME OF THE ABOVE INSPECTIONS (FOR INSTANCE PLUMBING AND ELECTRICAL) SHALL BE COMPLETED UNDER A SEPARATE PERMIT, FILED BY THE RELEVANT LICENSED CONTRACTORS.

AFTER INSPECTION, THE WORK OR A PORTION THEREOF SHALL BE NOTED AS SATISFACTORY AS COMPLETED, OR THE BUILDING PERMIT HOLDER SHALL BE NOTIFIED AS TO THE MANNER IN WHICH THE WORK FAILS TO COMPLY WITH APPLICABLE CODES, INCLUDING A CITATION OF THE SPECIFIC CODE PROVISION OR PROVISIONS THAT HAVE NOT BEEN MET.

IT SHALL BE THE DUTY OF THE PERMIT HOLDER TO ASCERTAIN THE RESULTS OF REQUIRED INSPECTIONS.

CONSTRUCTION WORK NOT IN COMPLIANCE WITH APPLICABLE CODES SHALL BE REQUIRED TO REMAIN EXPOSED UNTIL IT HAS BEEN BROUGHT INTO COMPLIANCE WITH THE CODES, RE-INSPECTED, AND FOUND SATISFACTORY AS COMPLETED.

STATEMENT OF DESIGN PROFESSIONAL:

- THESE PLANS HAVE BEEN PREPARED IN CONFORMANCE WITH THE 2020 RESIDENTIAL CODE OF THE STATE OF NEW YORK.

VINCENT COAKLEY, P.E.
(STAMP AFFIXED AND SIGNED).

SITE WORK

EXCAVATION SAFETY:

THE CONTRACTOR SHALL COMPLY WITH THE TRENCHING AND EXCAVATION REQUIREMENTS OF 29 CFR 1926.651 AND 1926.652 OR COMPARABLE OSHA-APPROVED STATE PLAN REQUIREMENTS. TRENCHES 5 FEET DEEP OR GREATER REQUIRE A PROTECTIVE SYSTEM UNLESS THE EXCAVATION IS MADE ENTIRELY IN STABLE ROCK. THE CONTRACTOR SHALL HAVE A COMPETENT PERSON INSPECT EXCAVATIONS DAILY AND AS CONDITIONS CHANGE TO ENSURE ELIMINATION OF EXCAVATION HAZARDS. A COMPETENT PERSON IS AN INDIVIDUAL WHO IS CAPABLE OF IDENTIFYING EXISTING AND PREDICTABLE HAZARDS OR WORKING CONDITIONS THAT ARE HAZARDOUS, UNSANITARY, OR DANGEROUS TO WORKERS' SOIL TYPES AND PROTECTIVE SYSTEMS REQUIRED, AND WHO IS AUTHORIZED TO TAKE PROMPT CORRECTIVE MEASURES TO ELIMINATE THESE HAZARDS AND CONDITIONS.

EXCAVATION - LOCATING UTILITIES - CALL 811:

NEW YORK STATE LAW (16 NYCRR PART 733) REQUIRES ALL EXCAVATORS TO PLACE A LOCATION REQUEST WITH DIG SAFELY NEW YORK AT LEAST TWO (2) FULL WORKING DAYS, BUT NO MORE THAN 10 WORKING DAYS BEFORE BEGINNING AN EXCAVATION PROJECT IN ORDER TO ENSURE ALL UNDERGROUND UTILITY LINES ARE PROPERLY MARKED BY THEIR OWNERS.

A LOCATION REQUEST MAY BE PLACED, AND THE PROCESS OF MARKING UNDERGROUND UTILITIES MAY BE TRACKED, BY USING THE ONLINE LOCATION REQUEST PROGRAM, [EXACTIX](#), OR, THE EXCAVATOR MAY CALL 811 TO PLACE THE LOCATION REQUEST.

- NOTIFY: NOTIFY 811 ONLINE WITH [EXACTIX](#) OR BY CALLING 811.
- WAIT: AT LEAST TWO DAYS FOR UTILITIES TO RESPOND (NOT INC. THE DAY YOU CALL).
- CONFIRM: CONFIRM ALL UTILITIES HAVE BEEN MARKED.
- RESPECT: ADHERE TO UTILITY MARKS AND FLAGS.
- DIG WITH CAUTION: DIG CAREFULLY AROUND BURIED UTILITIES.

DEMOLITION

THE CONTRACTOR SHALL:

DEMOLISH AND REMOVE ALL ELEMENTS NOTED IN THE DRAWINGS FOR DEMOLITION, AND AS REQUIRED FOR THE COMPLETION OF ALL WORK SHOWN ON THESE DRAWINGS. ALLOW NO DEBRIS TO ACCUMULATE. Haul AWAY FROM SITE ALL DEBRIS AT CONTRACTOR'S EXPENSE. REMOVE ALL DEBRIS ON A REGULAR BASIS AND MAINTAIN JOBSITE IN A CLEAN AND TIDY CONDITION. FULLY PROTECT ALL STRUCTURES, BUILDING ELEMENTS, EQUIPMENT, APPLANCES AND FINISHES THAT ARE TO REMAIN FROM DAMAGE CAUSED BY ANY OF THE CONTRACTOR'S ACTIVITIES. PROTECT ALL ADJACENT AREAS, AND ALL NEIGHBORING PROPERTY, FROM DAMAGE, INJURY AND DISCOMFORT CAUSED BY DUST. PROTECT ALL PUBLIC PROPERTIES AND PREMISES FROM DAMAGE AND PREVENT ANY ACCUMULATION OF DEBRIS, DUST OR RUBBISH IN ANY PUBLIC AREA. ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE CAUSED TO EXISTING ELEMENTS AND MAKE REPAIRS REQUIRED WITHOUT ADDITIONAL COST TO THE OWNER.

CONDUCT ALL DEMOLITION OPERATIONS IN SUCH A MANNER AS TO PREVENT UNAUTHORIZED ENTRY OF ANY PERSONS AT ANY TIME. POST APPROPRIATE SIGNAGE AS REQUIRED.

LOCATE ALL UTILITY AND DRAINAGE LINES PRIOR TO COMMENCEMENT OF DEMOLITION AND PROTECT ALL ACTIVE LINES AS REQUIRED. IDENTIFY CLEARLY ANY WORK THAT MAY RESULT IN THE INTERRUPTION OF ANY SERVICES WITHIN THE AREA OF WORK OR IN ANY ADJACENT SPACE OR PROPERTY AND COORDINATE SUCH INTERRUPTIONS WITH ALL INVOLVED PARTIES.

NOTIFY THE OWNER, UTILITY COMPANIES, FIRE DEPARTMENT, ALARM COMPANIES, ETC.... OF ANY WORK AFFECTING THEIR SYSTEMS AS REQUIRED BY ALL APPLICABLE CODES, RULES, AND REGULATIONS.

CONCRETE:

STRUCTURAL CONCRETE AND CONCRETING PRACTICES SHALL CONFORM WITH THE LATEST EDITION OF ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ISSUED AND MAINTAINED BY THE AMERICAN CONCRETE INSTITUTE, AND AS NOTED BELOW.

ALL ACI REQUIREMENTS FOR HOT AND COLD WEATHERING CONCRETE MUST BE ADHERED TO.

STRENGTH:

CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS UNLESS OTHERWISE NOTED ON THE DRAWINGS:
FOUNDATION WALLS, BUTTRESSES, SLAB ON GRADE: 4000 PSI, NORMAL WEIGHT
FOOTINGS AND PIERS: 4000 PSI, NORMAL WEIGHT
CONCRETE ON METAL DECK: 4000 PSI, NORMAL WEIGHT
ALL OTHER CONCRETE: 4000 PSI, NORMAL WEIGHT
ALL EXPOSED CONCRETE SHALL HAVE AN AIR ENTRAINING AGENT.

COVER:

MINIMUM CONCRETE COVER SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE DRAWINGS:
SLABS: 3/4"
WALLS: 1"
COLUMNS: 1 1/2"
ALL CONCRETE EXPOSED TO WEATHER OR EARTH: 2"
ALL CONCRETE PLACED AGAINST EARTH: 3"

REINFORCING STEEL:

DETAILS SHALL BE IN ACCORDANCE WITH ACI-315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS REQUIRED TO BE WELDED AS SHOWN ON PLANS.
ALL REINFORCING BARS REQUIRED TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 50. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS DURING CONCRETE PLACEMENT TO INSURE PROPER POSITION IN SLAB.
ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS. REINFORCEMENT SHALL BE SECURED IN THE PROPER LOCATION IN THE FORMS WITH TIE WIRE OR OTHER BAR SUPPORT SYSTEM TO PREVENT DISPLACEMENT DURING THE CONCRETE PLACEMENT OPERATION.
WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, SPlicing & EMBEDMENTS SHALL BE IN ACCORDANCE TABLE R608.5.4(1) LAP SPLICE AND TENSION DEVELOPMENT LENGTHS.

STRUCTURAL STEEL:

STRUCTURAL STEEL MEMBERS:

STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

- W-SHAPES: ASTM A992 (F_y = 50-65 KSI, F_u = 65 KSI)
- M, S- & HP-SHAPES: ASTM A36 (F_y = 36 KSI, F_u = 58-80 KSI)
- CHANNELS (C & MC): ASTM A36 (F_y = 36 KSI, F_u = 58-80 KSI)
- ANGLES (L): ASTM A36 (F_y = 36 KSI, F_u = 58-80 KSI)
- STRUCTURAL TEES: SAME AS THE L-ANGLES, W-SHAPES
- RECTANGULAR & SQUARE HSS: ASTM A500, GRADE B (F_y = 46 KSI, F_u = 56 KSI)
- ROUND HSS: ASTM A500, GRADE B (F_y = 46 KSI, F_u = 56 KSI)
- STEEL PIPE: ASTM A500, GRADE B (F_y = 36 KSI, F_u = 60 KSI)
- PLATES & BARS (UP TO 1/2"): ASTM A36 (F_y = 36 KSI, F_u = 58-80 KSI)
- PLATES & BARS (> 1/2"): ASTM A36 (F_y = 32 KSI, F_u = 58-80 KSI)

FASTENING PRODUCTS:

FASTENING PRODUCTS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
1. H.S. A325 BOLTS: 1"-1 1/2" INC.: ASTM A325 (F_y = 120 KSI)
H.S. A325 BOLTS: 3/4" - 1" INC.: ASTM A325 (F_y = 105 KSI)
2. H.S. A490 BOLTS: 3/4" - 1 1/2" INC.: ASTM A490 (F_y = 105 KSI)
3. HEAVY-DUTY HEX NUTS, 3/4" - 4": ASTM A563
4. HARDENED WASHERS: 3/4" - 4": ASTM A563
5. H.S. A490 BOLTS: 1/2" - 1 1/2" INC.: ASTM A490 (F_y = XX KSI, F_u = 150 KSI)
6. THREADED ROD: ASTM A36 (F_y = 36 KSI, F_u = 58-80 KSI)
7. ANCHOR ROD: ASTM F1554, GR. 36 (F_y = 36 KSI, F_u = 58-80 KSI)
8. FILLER (WELD) MATERIAL: PER TABLE D1.1 TABLE 3.1 (MINIMUM F_y = 70KSI)
9. WELDING ELECTRODES: E70XX RODS TO AWS A5.20 (FCA PROCESS)
OR AWS A5.18, (GMAW PROCESS)
OR AWS A5.1 (SMAW PROCESS)

WOOD FRAMING:

FLOOR FRAMING:

STRUCTURAL FLOOR MEMBERS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R502. ALL FLOOR FRAMING, INCLUDING JOISTS, LEDGERS, ENDERS AND BLOCKING, IS TO BE 2X DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB-850 PSI, 1.4E, OR BETTER. FLOOR FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS. FLOOR SHEATHING SHALL BE AVANTECH T&G SUBFLOOR FASTENED WITH 8D COMMON NAILS @ 6" O.C. AND AVANTECH SUBFLOOR ADHESIVE PER MANUFACTURERS INSTRUCTIONS AND SHALL CONFORM OF SECTION 502 OF THE RESIDENTIAL CODE.

WALL FRAMING:

LOAD BEARING WALLS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R602. ALL LOAD BEARING WOOD FRAMED PARTITIONS INCLUDING STUDS, TOP AND BOTTOM PLATE AND BLOCKING, IS TO BE 2X DOUGLAS FIR-LARCH NO. 2, FB-850 PSI, 1.4E OR BETTER. WALL FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS. AVOID NOTCHING (SEE CUTTING AND NOTCHING BELOW). PROVIDE SISTER STUDS AS REQUIRED.

EXCEPTION:

BEARING STUDS NOT SUPPORTING FLOORS AND NONBEARING STUDS SHALL BE PERMITTED TO BE UTILITY GRADE LUMBER, PROVIDED THAT THE STUDS ARE SPACED AT 16" O.C. MINIMUM.

BOTTOM (SOLE) PLATE:

STUDS SHALL HAVE FULL BEARING ON A NOMINAL 2-BY (51 MM) OR LARGER PLATE OR SILL HAVING A WIDTH NOT LESS THAN TO THE WIDTH OF THE STUDS.

WALL SHEATHING SHALL BE MINIMUM 1/2" WOOD STRUCTURAL PANEL, ZIP SYSTEM, PER MANUFACTURERS INSTRUCTIONS HARDIE PLANK LAP SIDING AND SHALL CONFORM OF SECTION 602 OF THE RESIDENTIAL CODE.

ROOF-CEILING CONSTRUCTION:

ROOF FRAMING SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION R802. ALL ROOF FRAMING, INCLUDING RAFTERS, COLLAR TIES, RAFTER TIES AND CEILING JOISTS, IS TO BE 2X DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB-850 PSI, 1.4E, OR BETTER. ROOF FRAMING IS TO BE AT 16" (MAXIMUM) ON CENTER, OR AS OTHERWISE NOTED IN THE DRAWINGS. ROOF SHEATHING SHALL BE ZIP SYSTEM 5/8" SHEATHING AND SHALL CONFORM PER SECTION 803 OF THE RESIDENTIAL CODE.

CUTTING, DRILLING AND NOTCHING FOR WIRES AND PIPES:

WOOD-FRAMED STRUCTURAL MEMBERS SHALL NOT BE DRILLED, NOTCHED OR ALTERED IN ANY MANNER EXCEPT AS PROVIDED IN SECTIONS R502.8, R602.6, R802.7 AND R802.7.1 OF THE RESIDENTIAL CODE.

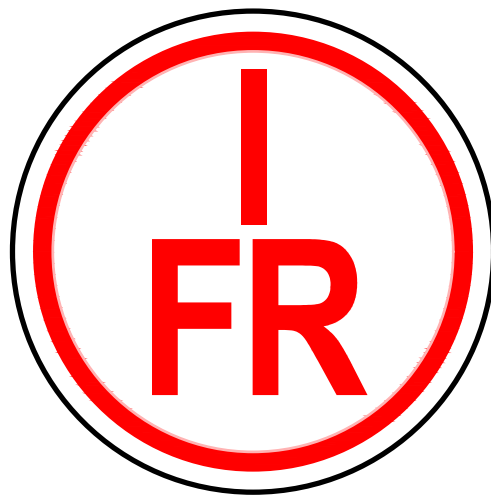
TRUSS TYPE CONSTRUCTION

UTILIZATION:

WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, SPlicing & EMBEDMENTS SHALL BE IN ACCORDANCE TABLE R608.5.4(1) LAP SPLICE AND TENSION DEVELOPMENT LENGTHS. THE UTILIZATION OF TRUSS-TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND/OR TIMBER CONSTRUCTION IN RESIDENTIAL STRUCTURES IS SUBJECT TO THE REQUIREMENTS OF TITLE 19 OF THE NEW YORK CODES, RULES AND REGULATIONS (NYCRR), PART 1265.

ANY PERSON UTILIZING TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION FOR THE ERECTION OF ANY NEW RESIDENTIAL STRUCTURE, FOR ANY ADDITION TO AN EXISTING RESIDENTIAL STRUCTURE, OR FOR ANY REHABILITATION OF AN EXISTING RESIDENTIAL STRUCTURE, SHALL, UPON APPLICATION FOR A BUILDING PERMIT WITH THE LOCAL GOVERNMENT HAVING JURISDICTION, INCLUDE ON THE PERMIT APPLICATION THAT TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION IS BEING UTILIZED, AND THAT THE PROPERTY OWNER OR THE PROPERTY OWNER'S REPRESENTATIVE SHALL COMPLETE A FORM PRESCRIBED BY THE STATE FIRE PREVENTION AND BUILDING CODE COUNCIL (HEREINAFTER REFERRED TO AS THE CODE COUNCIL) DESIGNATING THE STRUCTURE AS TRUSS TYPE, PRE-ENGINEERED WOOD OR TIMBER CONSTRUCTION AND FILE SUCH FORM WITH THE APPLICATION FOR A BUILDING PERMIT.

REQUIRED SIGN:

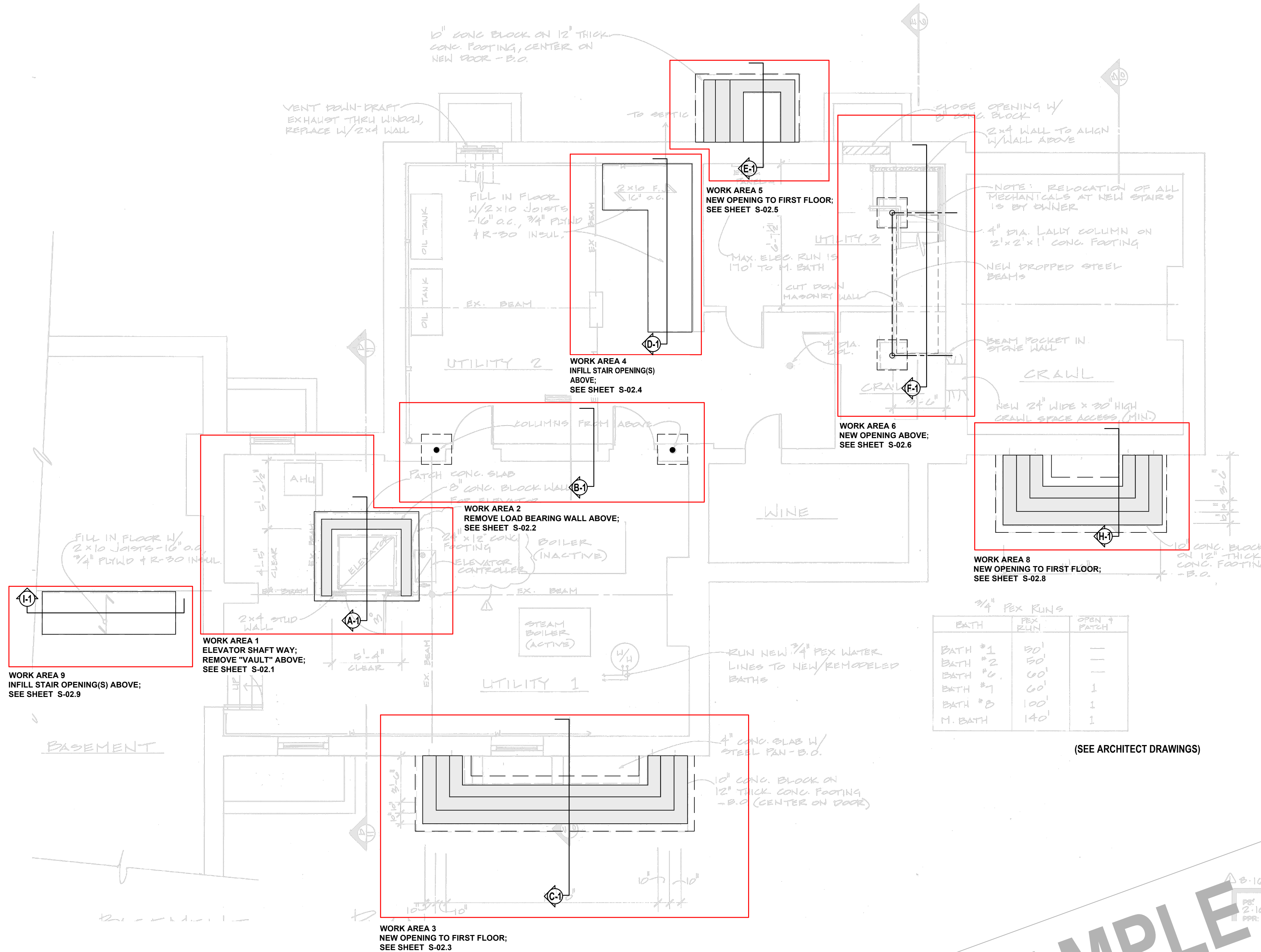


REQUIRED SIGN:

AS A CONDITION OF THE RECEIPT OF A CERTIFICATE OF OCCUPANCY, A SIGN OR SYMBOL, DESIGNED AND APPROVED BY THE CODE COUNCIL SHALL BE AFFIXED TO THE ELECTRIC BOX ATTACHED TO THE EXTERIOR OF THE RESIDENTIAL STRUCTURE; PROVIDED, HOWEVER:

IF AFFIXING THE SIGN OR SYMBOL TO THE ELECTRIC BOX WOULD OBSCURE ANY METER ON THE ELECTRIC BOX, OR IF THE UTILITY PROVIDING ELECTRIC SERVICE TO THE RESIDENTIAL STRUCTURE DOES NOT ALLOW THE SIGN OR SYMBOL TO BE AFFIXED TO THE ELECTRIC BOX, THE SIGN OR SYMBOL SHALL BE AFFIXED TO THE EXTERIOR WALL OF THE RESIDENTIAL STRUCTURE AT A POINT IMMEDIATELY ADJACENT TO THE ELECTRIC BOX AND:

NO ELECTRIC BOXES ATTACHED TO THE EXTERIOR OF THE RESIDENTIAL STRUCTURE OR IF, IN THE OPINION OF THE AUTHORITY HAVING JURISDICTION, THE ELECTRIC BOX ATTACHED TO THE EXTERIOR OF THE BUILDING IS NOT LOCATED IN A PLACE LIKELY TO BE SEEN BY FIREFIGHTERS OR OTHER FIRST RESPONDERS RESPONDING TO A FIRE, OR OTHER EMERGENCY AT THE RESIDENTIAL STRUCTURE. THE SIGN OR SYMBOL SHALL BE AFFIXED TO THE EXTERIOR OF THE STRUCTURE IN A



3/4\"/>

BATH	PEX RUN	OPEN ? PATCH
BATH #1	50'	—
BATH #2	50'	—
BATH #6	60'	—
BATH #7	60'	1
BATH #8	100'	1
M. BATH	140'	1

(SEE ARCHITECT DRAWINGS)

SAMPLE ONLY
NOT FOR REPRODUCTION
OR UNAUTHORIZED USE

PARTIAL BASEMENT FLOOR PLAN
DESIGNATION OF WORK AREAS
1/4\"/>

ARCHITECTURAL
CONSULTANTS

500 Halstead Ave. Mamaroneck, NY 10543
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Code Compliance - Project Supervision
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(914) 774-9878 | www.proeng.nyc | vc@proeng.nyc

PROPERTY ADDRESS:

PURCHASE, NY 10577
(TOWN/VILLAGE OF HARRISON)

S-B-L (TAX ID):

CLIENT:

TEL: ***

EMAIL: ***

DATE:

02.05.2024

04.22.2024

05.01.2024

05.30.2024

09.09.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

BASEMENT PLAN

WORK AREAS

DRAWING NUMBER:

S-01.1

DATE:

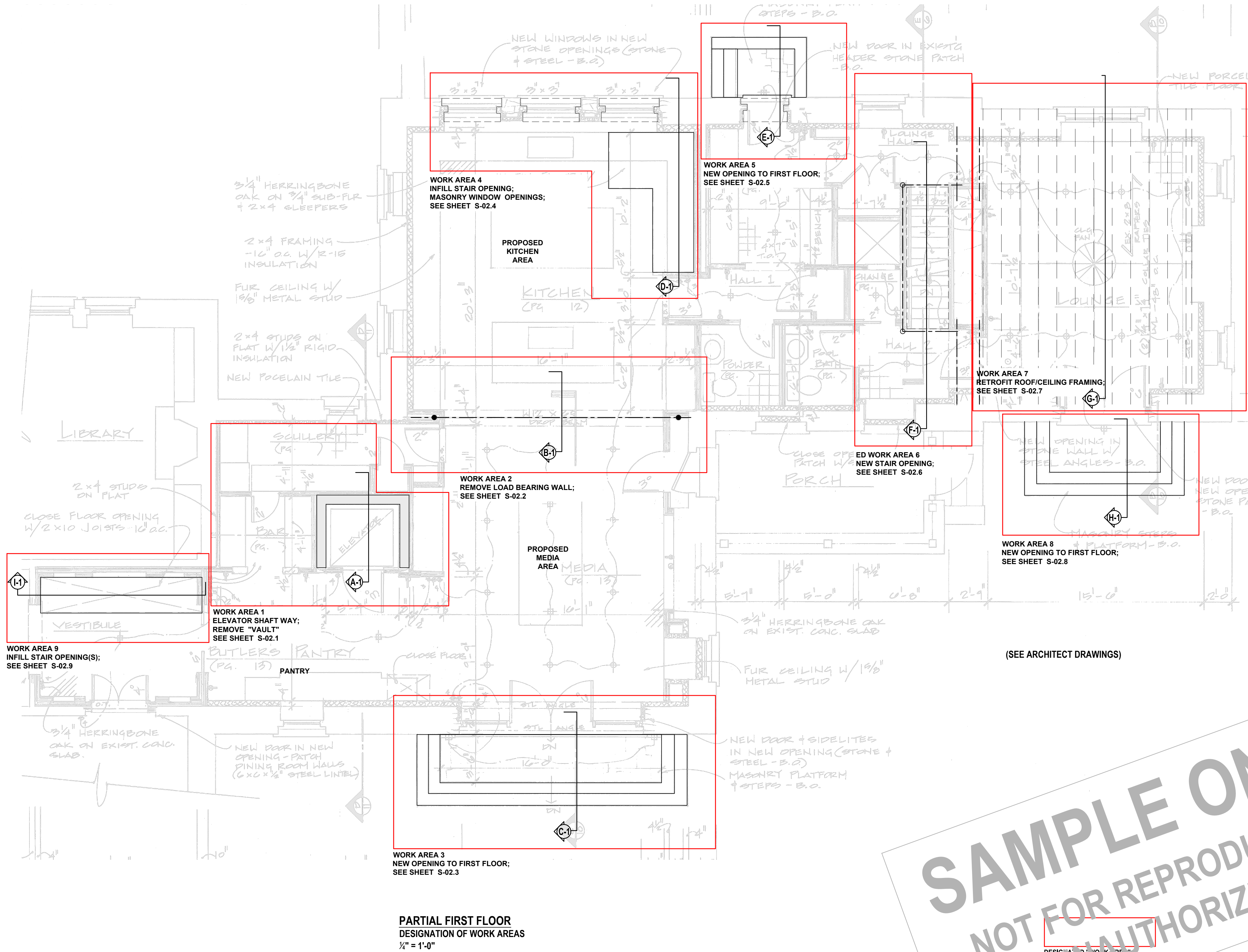
01.25.2024

SCALE:

AS NOTED

NOTE:

THIS DRAWING IS VALID FOR
CONSTRUCTION IF (AND ONLY IF) A
PERMIT IS ISSUED, BASED ON THIS
DRAWING, BY THE TOWN/VILLAGE OF
HARRISON.



PARTIAL FIRST FLOOR
DESIGNATION OF WORK AREAS
1/4" = 1'-0"

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05.30.2024

09.09.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

FIRST FLOOR

WORK AREAS

DRAWING NUMBER:

S-01.2

DATE:

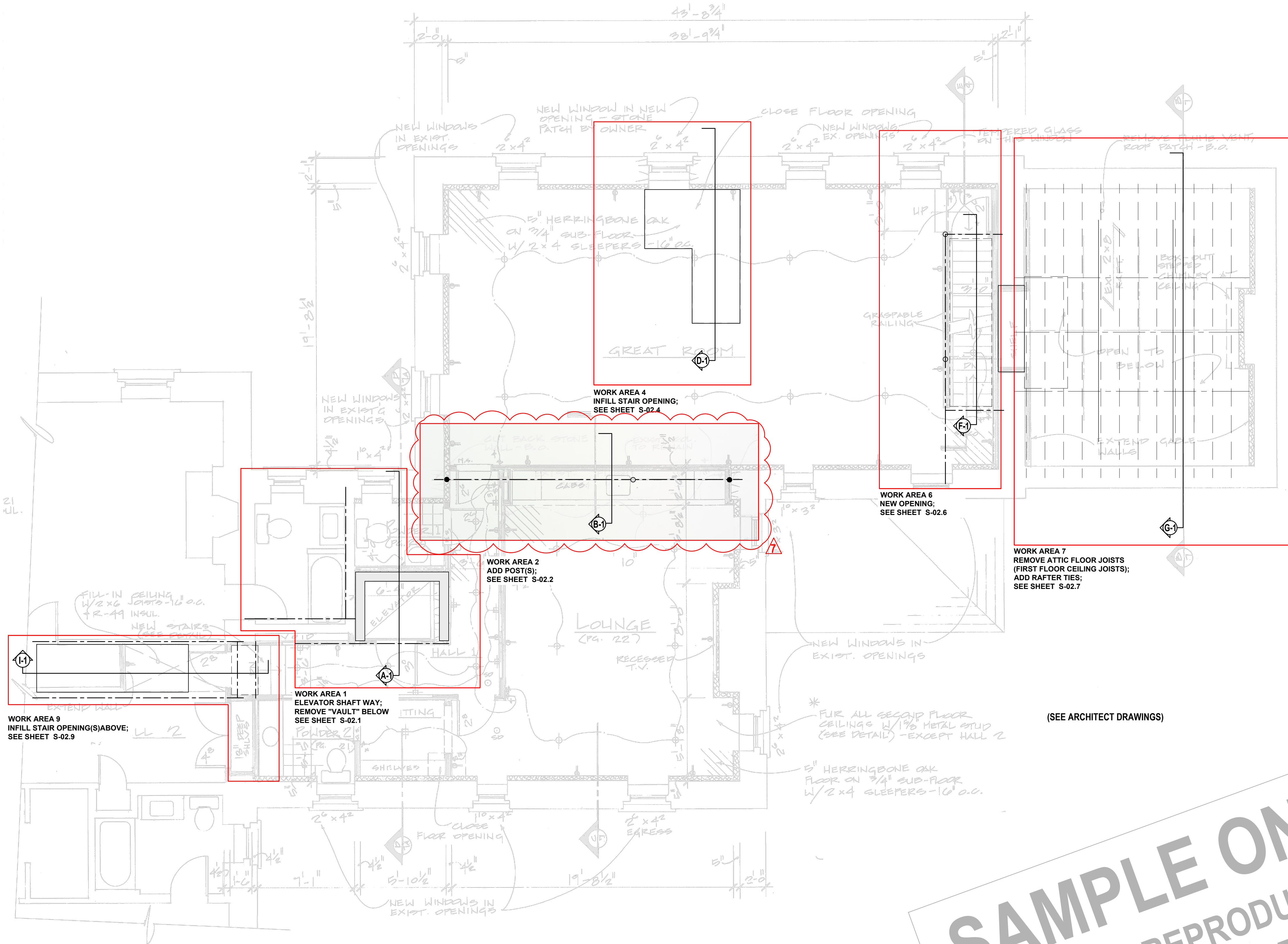
01.25.2024

SCALE:

AS NOTED

NOTE:

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PARTIAL SECOND FLOOR
DESIGNATION OF WORK AREAS
1/4" = 1'-0"

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OR UNAUTHORIZED USE

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EMAIL: ***

DATE:

02.05.2024

04.22.2024

05.01.2024

05.30.2024

09.09.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

01.17.2025

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

SECOND FLOOR

WORK AREAS

DRAWING NUMBER:

S-01.3

DATE:

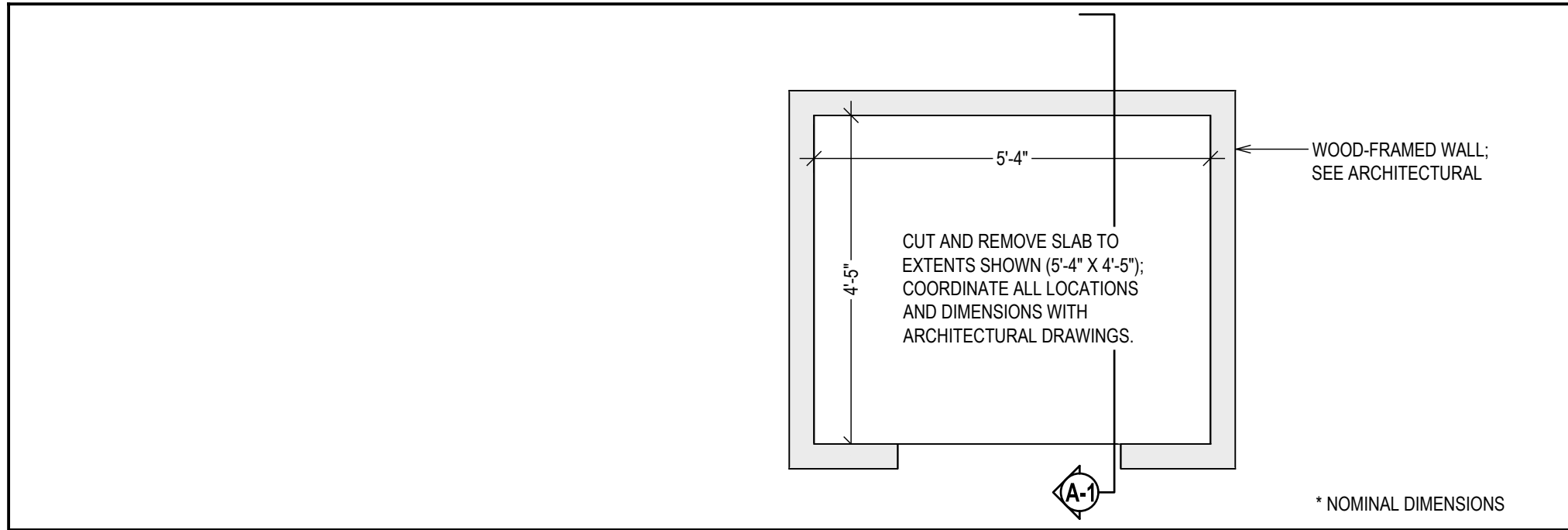
01.25.2024

SCALE:

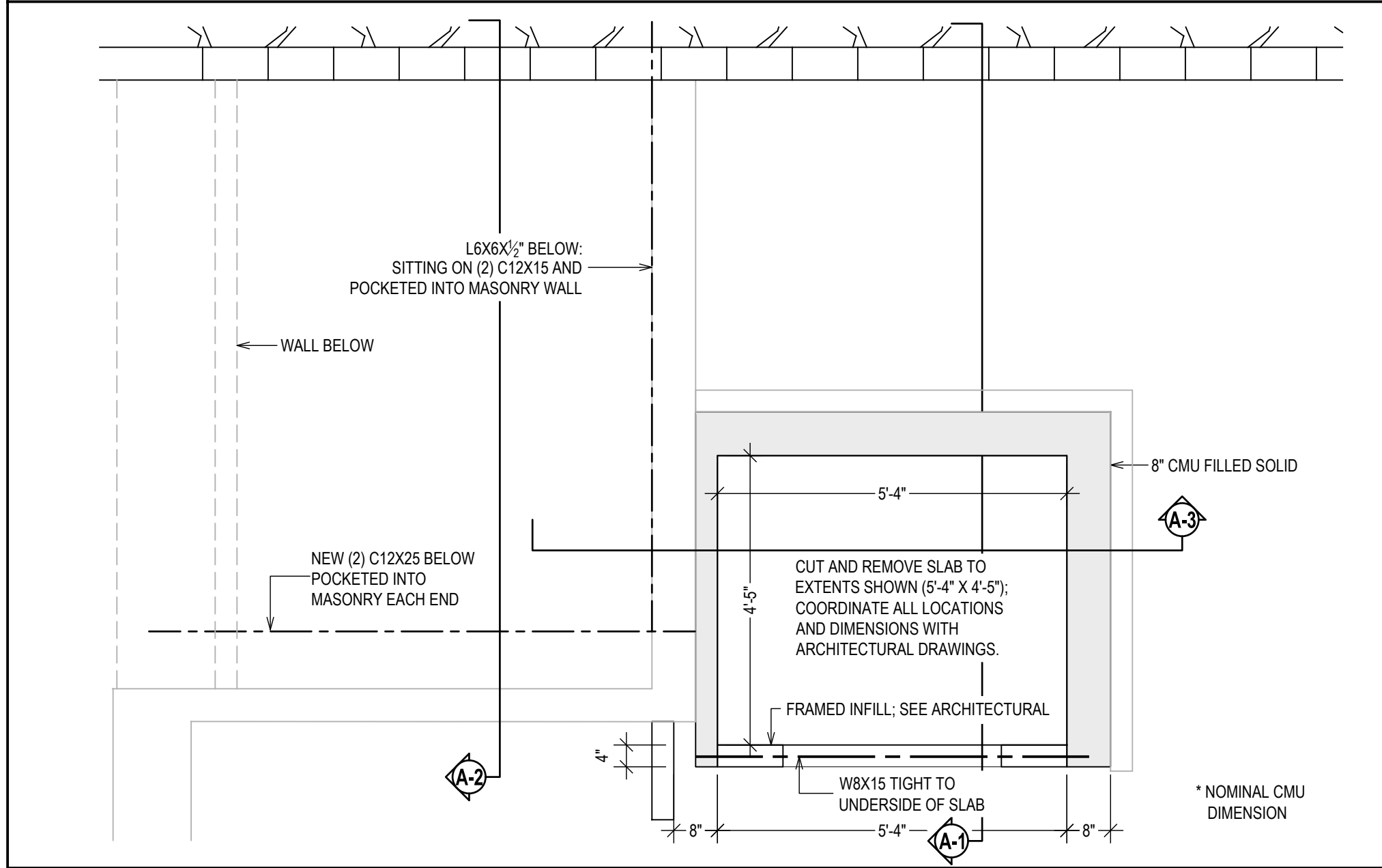
AS NOTED

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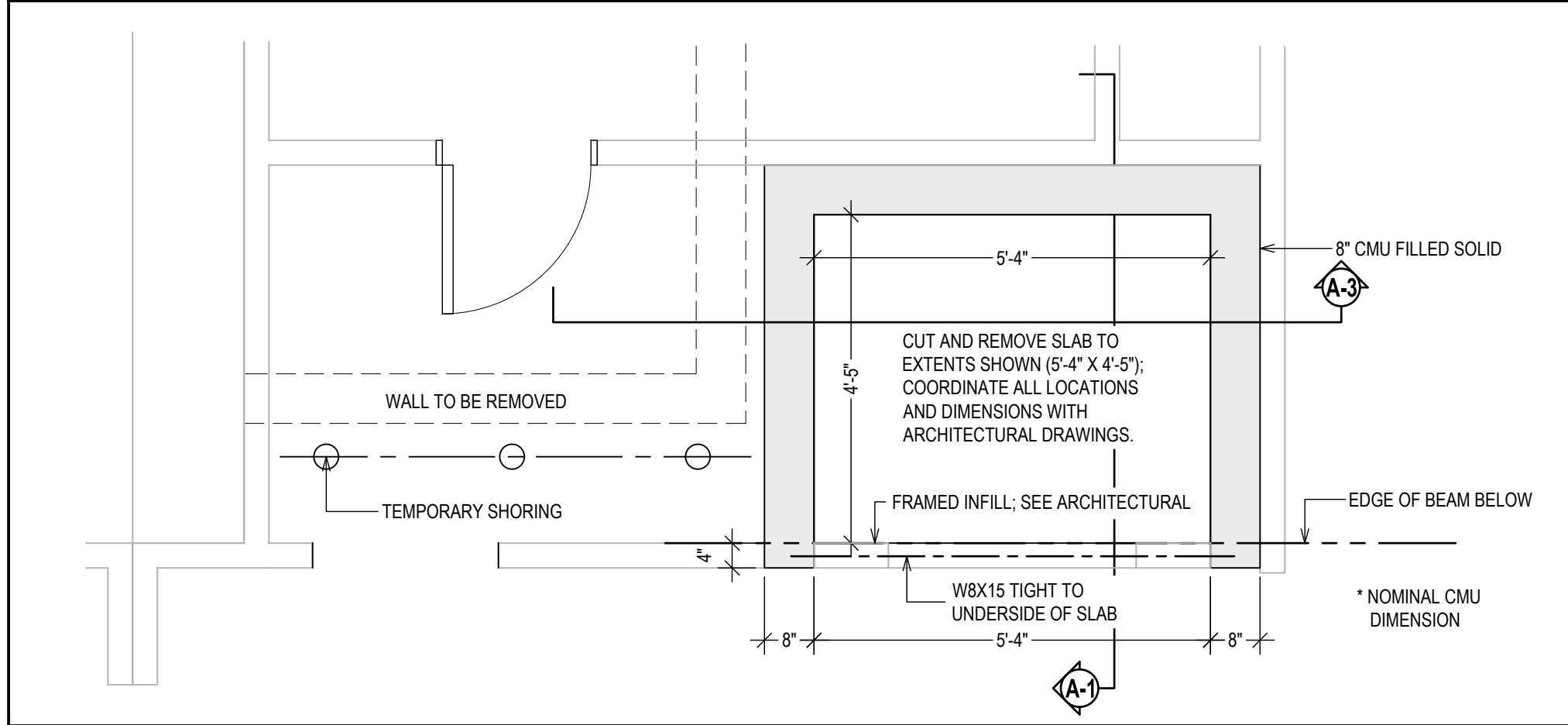
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DRAWING, BY THE TOWN/VILLAGE OF
HARRISON.



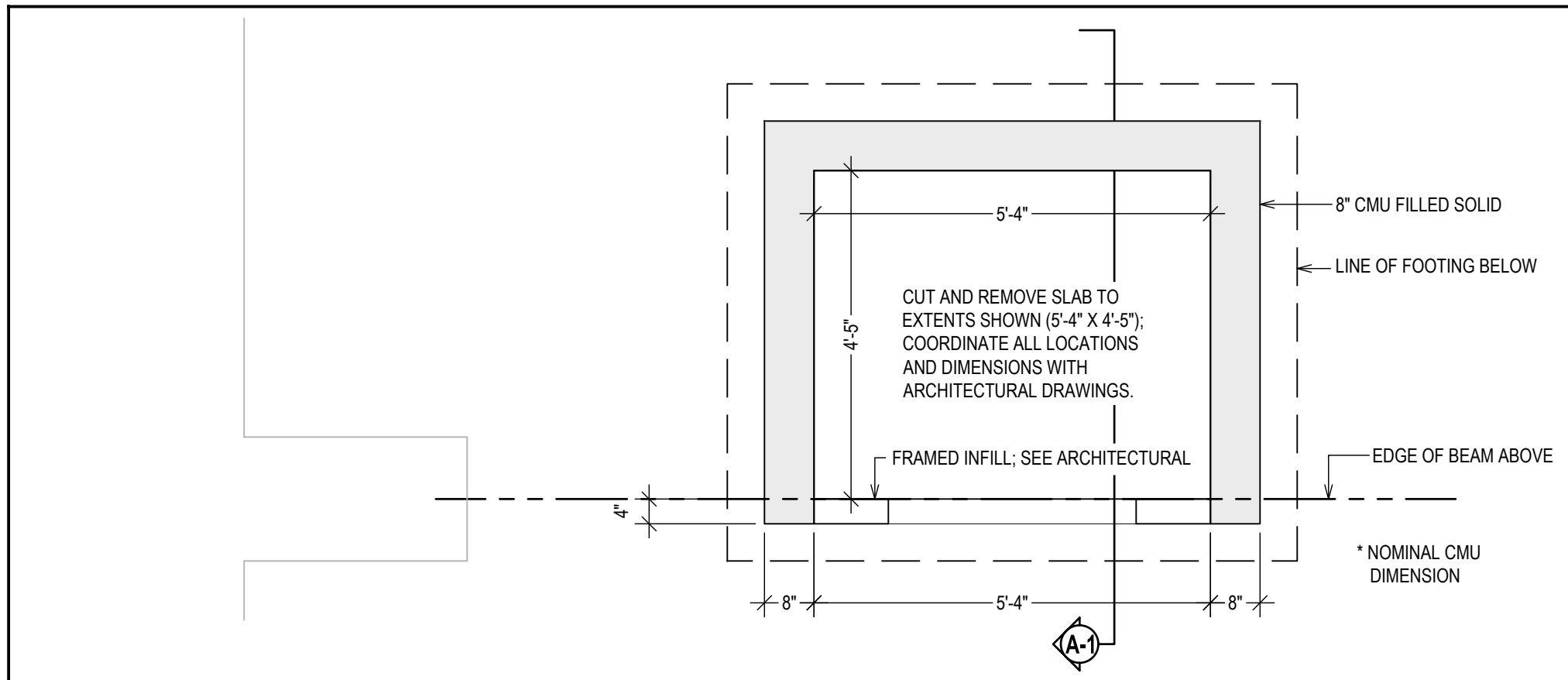
ATTIC FLOOR PARTIAL PLAN
1/2" = 1'-0"



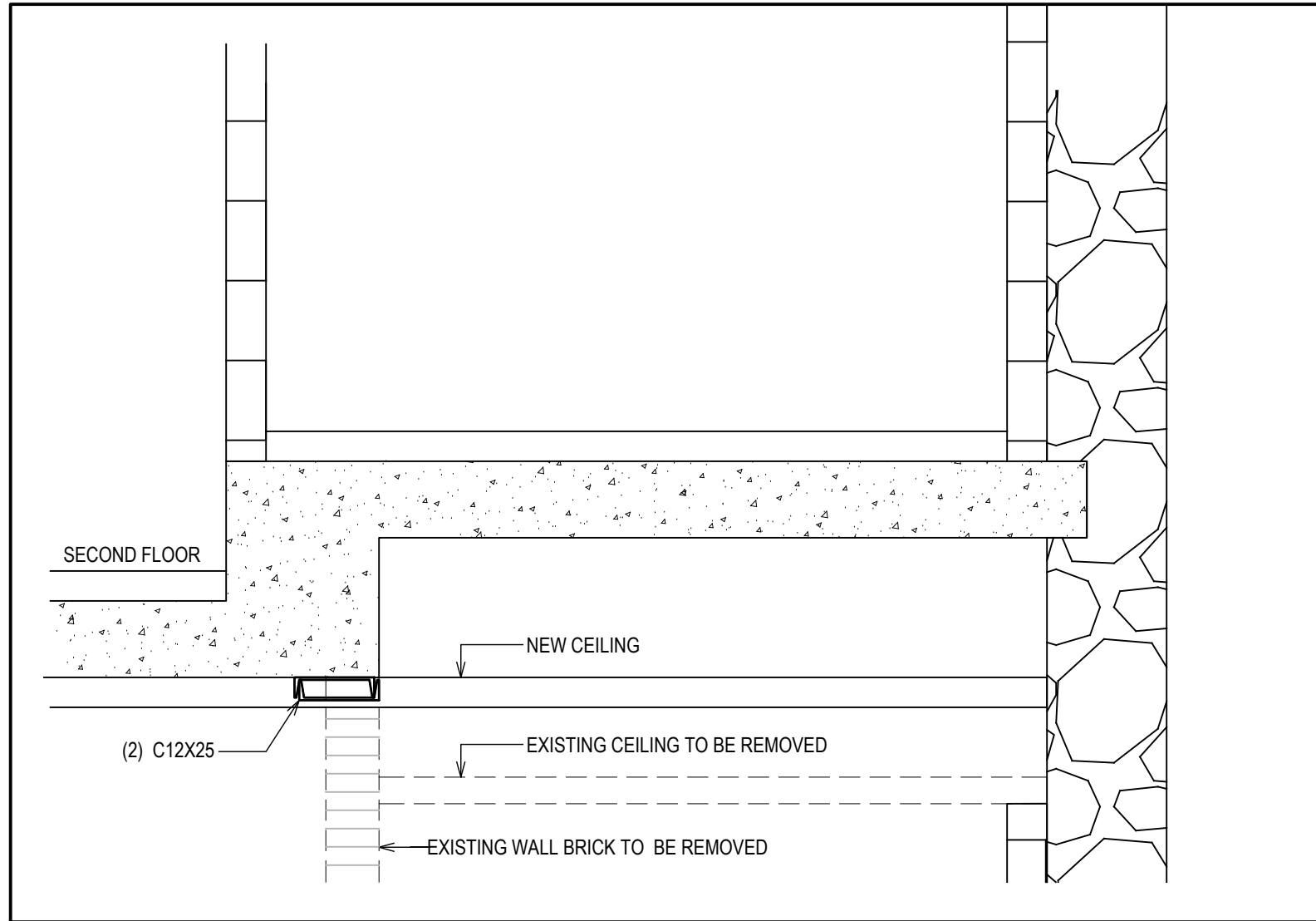
SECOND FLOOR PARTIAL PLAN
1/2" = 1'-0"



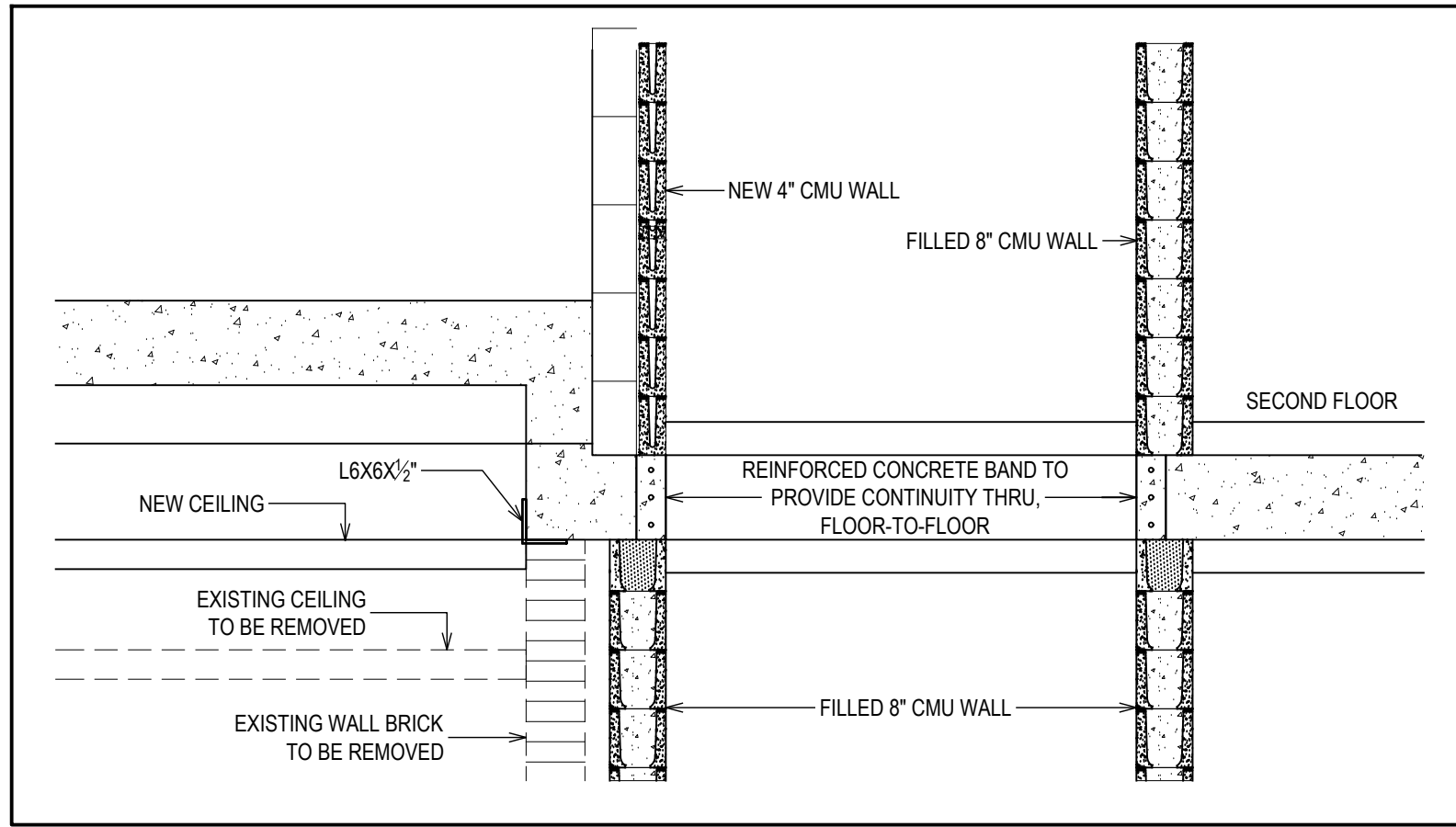
FIRST FLOOR PARTIAL PLAN
1/2" = 1'-0"



BASEMENT PARTIAL PLAN
1/2" = 1'-0"



SECTION A-2
1/2" = 1'-0"



SECTION A-3
1/2" = 1'-0"

ELEVATOR SHAFTWAY - CONSTRUCTION SEQUENCE*

I. INSTALL SLAB & BASEMENT SHAFTWAY:

1. REMOVE AND/OR REROUTE MECHANICAL AND OTHER OBSTRUCTIONS
2. SAW CUT FLOOR SLAB TO EXTENTS SHOWN ON PLANS
3. EXCAVATE AND CONFIRM SOIL LOAD BEARING CAPACITY
4. PLACE FORMS AND REBAR; INSPECTION REQUIRED
5. POUR SLAB; ALLOW TO CURE
6. BUILD, REINFORCE AND FILL CMU WALLS
7. DRY PACK TO UNDERSIDE OF FIRST FLOOR SLAB
8. PROVIDE CONTINUOUS REINFORCEMENT THRU SLAB FROM BASEMENT TO FIRST FLOOR CMU WALLS

II. INSTALL FIRST FLOOR SHAFTWAY:

1. ALLOW BASEMENT STRUCTURE TO CURE
2. REMOVE FLOOR AND CEILING FINISHES AS REQUIRED
3. INSTALL FALL PROTECTION AS REQUIRED AND FOLLOW ALL OSHA REGULATIONS AND GUIDELINES
4. PROVIDE TEMPORARY SUPPORT TO SLAB, SAW CUT AND REMOVE FIRST FLOOR SLAB TO EXTENTS SHOWN ON PLANS; MAINTAIN FALL PROTECTION
5. BUILD, REINFORCE AND FILL CMU WALLS
6. DRY PACK TO UNDERSIDE OF SECOND FLOOR SLAB
7. PROVIDE CONTINUOUS REINFORCEMENT THRU SLAB FROM FIRST TO SECOND FLOOR CMU WALLS

III. INSTALL SECOND FLOOR SHAFTWAY:

1. ALLOW FIRST FLOOR STRUCTURE TO CURE
2. REMOVE FLOOR AND CEILING FINISHES AS REQUIRED
3. INSTALL FALL PROTECTION AS REQUIRED AND FOLLOW ALL OSHA REGULATIONS AND GUIDELINES
4. PROVIDE TEMPORARY SUPPORT TO SLAB
5. SAW CUT AND REMOVE SECOND FLOOR SLAB TO EXTENTS SHOWN ON PLANS; MAINTAIN FALL PROTECTION
6. BUILD, REINFORCE AND FILL CMU WALLS
7. DRY PACK TO UNDERSIDE OF SECOND FLOOR SLAB
8. PROVIDE REINFORCEMENT THRU SLAB FROM SECOND FLOOR CMU WALLS TO THIRD FLOOR SLAB

IV. INSTALL THIRD FLOOR (ATTIC) SHAFTWAY:

1. ALLOW SECOND FLOOR STRUCTURE TO CURE
2. INSTALL FALL PROTECTION AS REQUIRED AND FOLLOW ALL OSHA REGULATIONS AND GUIDELINES
3. PROVIDE TEMPORARY SUPPORT TO SLAB
4. SAW CUT AND REMOVE SECOND FLOOR SLAB TO EXTENTS SHOWN ON PLANS; MAINTAIN FALL PROTECTION
5. BUILD WOOD-FRAMED WALLS PER ARCHITECTURAL DRAWINGS

* THE ABOVE IS A SUGGESTED SEQUENCE OF WORK. A CONSTRUCTION SEQUENCE, INCLUDING MEANS AND METHODS, SHOULD BE SUBMITTED BY THE CONTRACTOR AND APPROVED PRIOR TO THE START OF OPERATIONS.

REMOVE "VAULT" - CONSTRUCTION SEQUENCE:*

I. INSTALL TEMPORARY SUPPORTS

REMOVE ALL FINISHES AND NON-LOADBEARING ELEMENTS*

INSTALL TEMPORARY SUPPORT:

- CLOSE TO WALL (TO BE REMOVED)
- TIGHT TO UNDERSIDE OF SECOND FLOOR SLAB
- AS SHOWN IN PLAN
- JACK ALL SUPPORTS TIGHT

II. REMOVE WALL

1. CONFIRM TEMPORARY SUPPORTS ARE IN PLACE, SECURE AND FUNCTIONAL
2. CONFIRM END BEARING CONDITION OF SECOND FLOOR SLAB(S) ABOVE WALL (TO BE REMOVED)
3. REMOVE WALL TO REQUIRED EXTENTS

III. INSTALL NEW STRUCTURE:

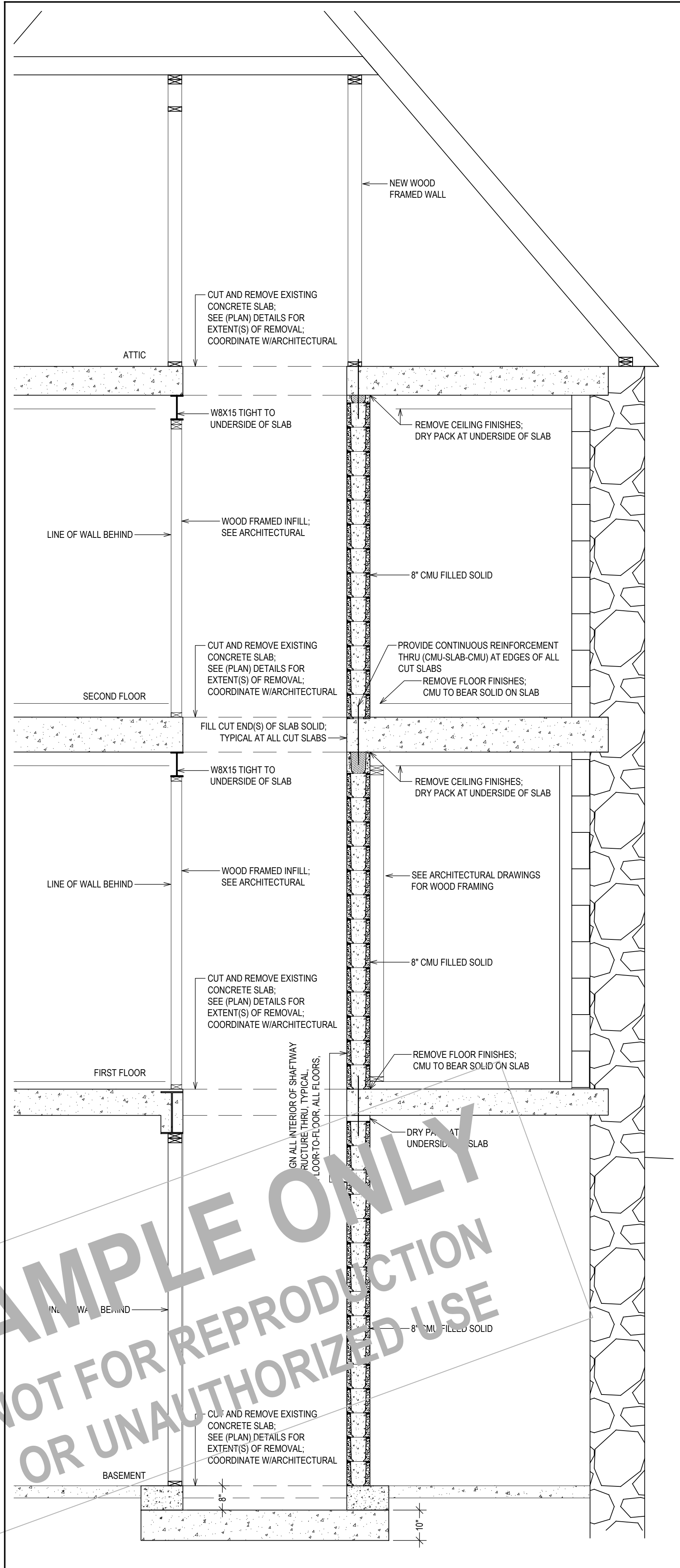
4. CONFIRM SOLID LOAD PATH DOWN TO BASEMENT MASONRY WALL BELOW
5. POCKET MASONRY EACH END OF NEW BEAM; INSTALL BEAM, TIGHT TO UNDERSIDE OF SLAB
6. FILL BELOW BEAM ENDS WITH NON-SHRINK GROUT
7. DRY PACK AS REQUIRED BETWEEN BEAM AND SLAB
8. FILL ALL VOIDS WITH NON-SHRINK GROUT

IV. REMOVE TEMPORARY SUPPORTS:

9. ALLOW CONCRETE, GROUT AND DRY PACK TO CURE
10. REMOVE TEMPORARY SUPPORTS

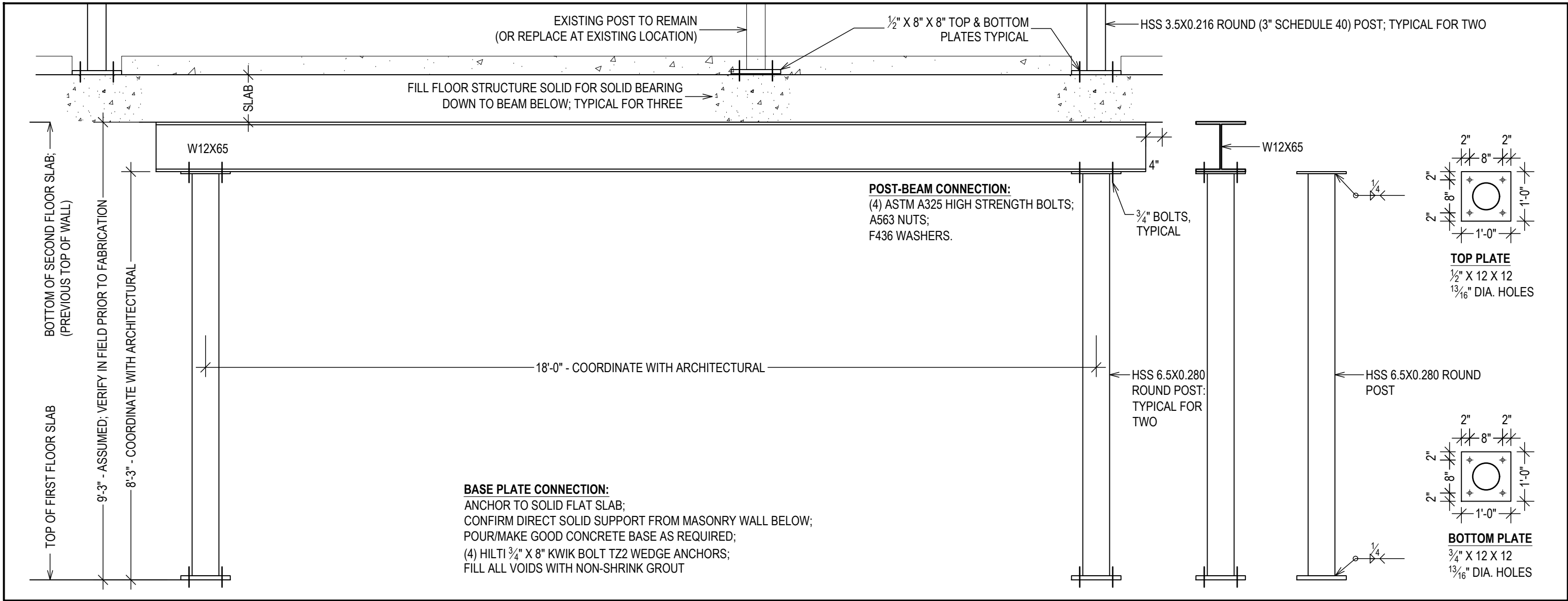
* THE ABOVE IS A SUGGESTED SEQUENCE OF WORK. A CONSTRUCTION SEQUENCE, INCLUDING MEANS AND METHODS, SHOULD BE SUBMITTED BY THE CONTRACTOR AND APPROVED PRIOR TO THE START OF OPERATIONS.

STAGING

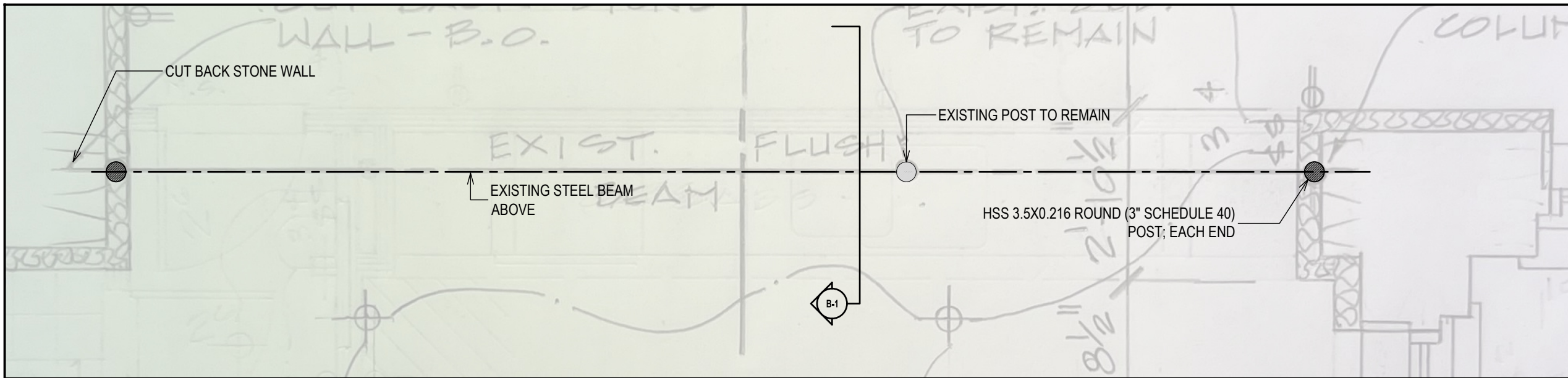


SECTION A-1
1/2" = 1'-0"

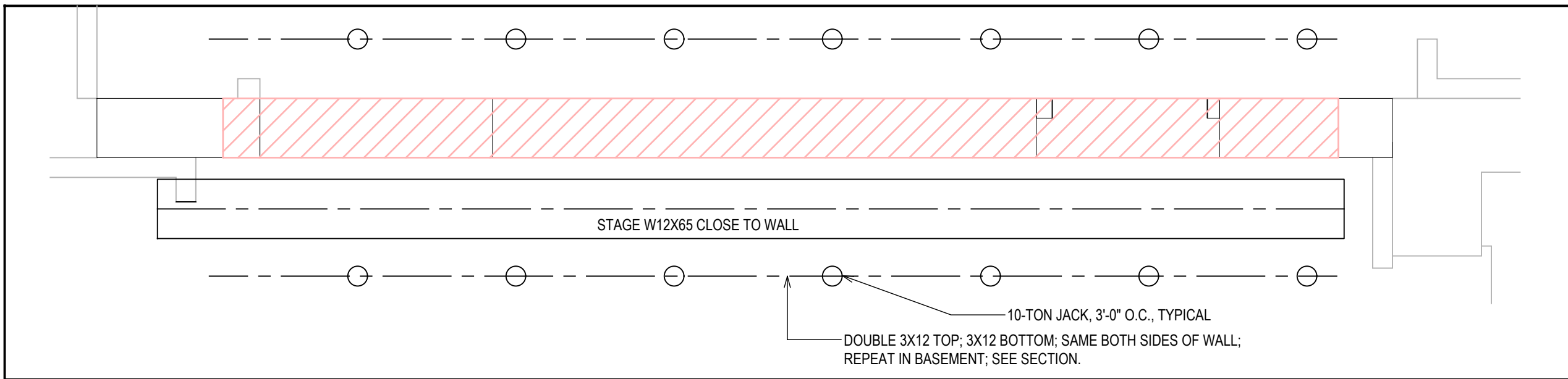
ARCHITECT ARCHITECTURAL CONSULTANTS 500 Halstead Ave. Mamaroneck, NY 10543 (914) 381-2775	Oliver Engineering, P.C. Design - Permit Applications - Legalizations Code Compliance - Project Supervision 188 North Main Street Port Chester NY 10573 (914) 774-9878 www.proeng.nyc vc@proeng.nyc
PROPERTY ADDRESS: *** PURCHASE, NY 10577 (TOWN/VILLAGE OF HARRISON)	
S-B-L (TAX ID): ***	
CLIENT: *** TEL: *** EMAIL: ***	
DATE: 02.05.2024 04.22.2024 05.01.2024 05.30.2024 09.09.2024	ISSUE: FOR REVIEW DESIGN CHANGE DESIGN CHANGE DESIGN CHANGE DESIGN CHANGE
PROJECT NAME: STRUCTURAL ALTERATION	
DRAWING NAME: WORK AREA 1 ELEVATOR SHAFTWAY	
DRAWING NUMBER: S-02.1	
DATE: 01.25.2024	
SCALE: AS NOTED	
NOTE: THIS DRAWING IS VALID FOR CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE TOWN/VILLAGE OF HARRISON.	



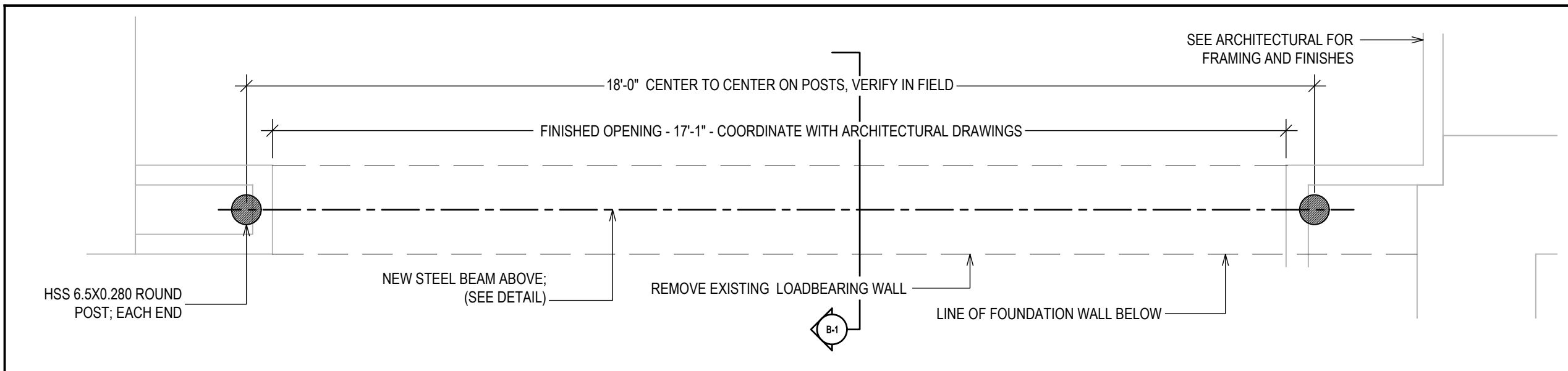
STEEL STRUCTURE
1/2" = 1'-0"



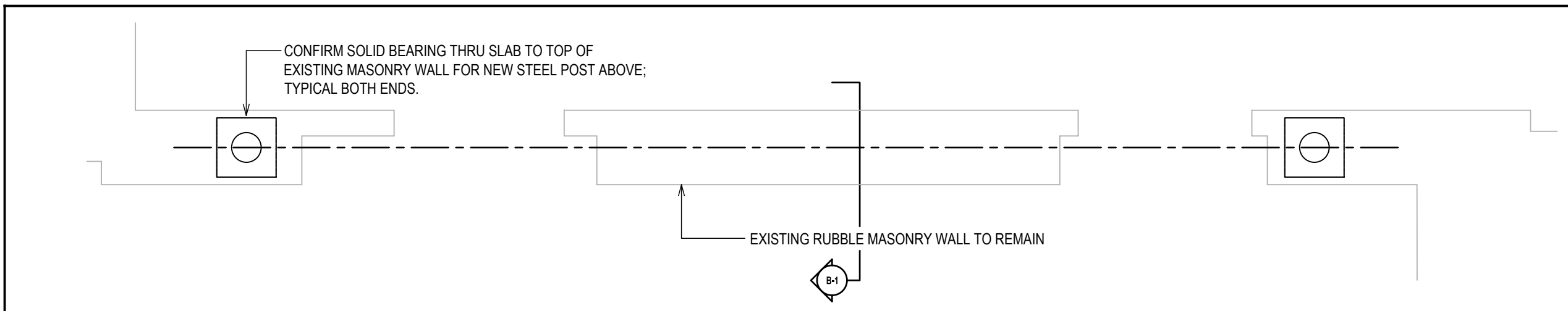
SECOND FLOOR PARTIAL PLAN
1/2" = 1'-0"



TEMPORARY SUPPORT AND STAGING
1/2" = 1'-0"



FIRST FLOOR PARTIAL PLAN
1/2" = 1'-0"



BASEMENT PARTIAL PLAN
1/2" = 1'-0"

REMOVE LOAD BEARING WALL - CONSTRUCTION SEQUENCE:*

I. INSTALL TEMPORARY SUPPORTS

REMOVE ALL FINISHES AND NON-LOADBEARING ELEMENTS*
STAGE NEW W12X65 CLOSE TO WALL.

INSTALL TEMPORARY SUPPORT:

- ON BOTH SIDES OF WALL
- FROM BASEMENT FLOOR SLAB TO UNDERSIDE OF FIRST FLOOR SLAB (CONFIRM INTEGRITY OF BASEMENT FLOOR SLAB)
- THRU FIRST FLOOR SLAB, AND TIGHT TO UNDERSIDE OF SECOND FLOOR SLAB
- AS SHOWN IN SECTION
- JACK ALL SUPPORTS TIGHT

II. REMOVE WALL

CONFIRM TEMPORARY SUPPORTS ARE IN PLACE, SECURE AND FUNCTIONAL.
CONFIRM END BEARING CONDITION OF SECOND FLOOR SLABS ABOVE WALL, (TO BE REMOVED)
REMOVE WALL TO REQUIRED EXTENTS

III. INSTALL NEW STRUCTURE:

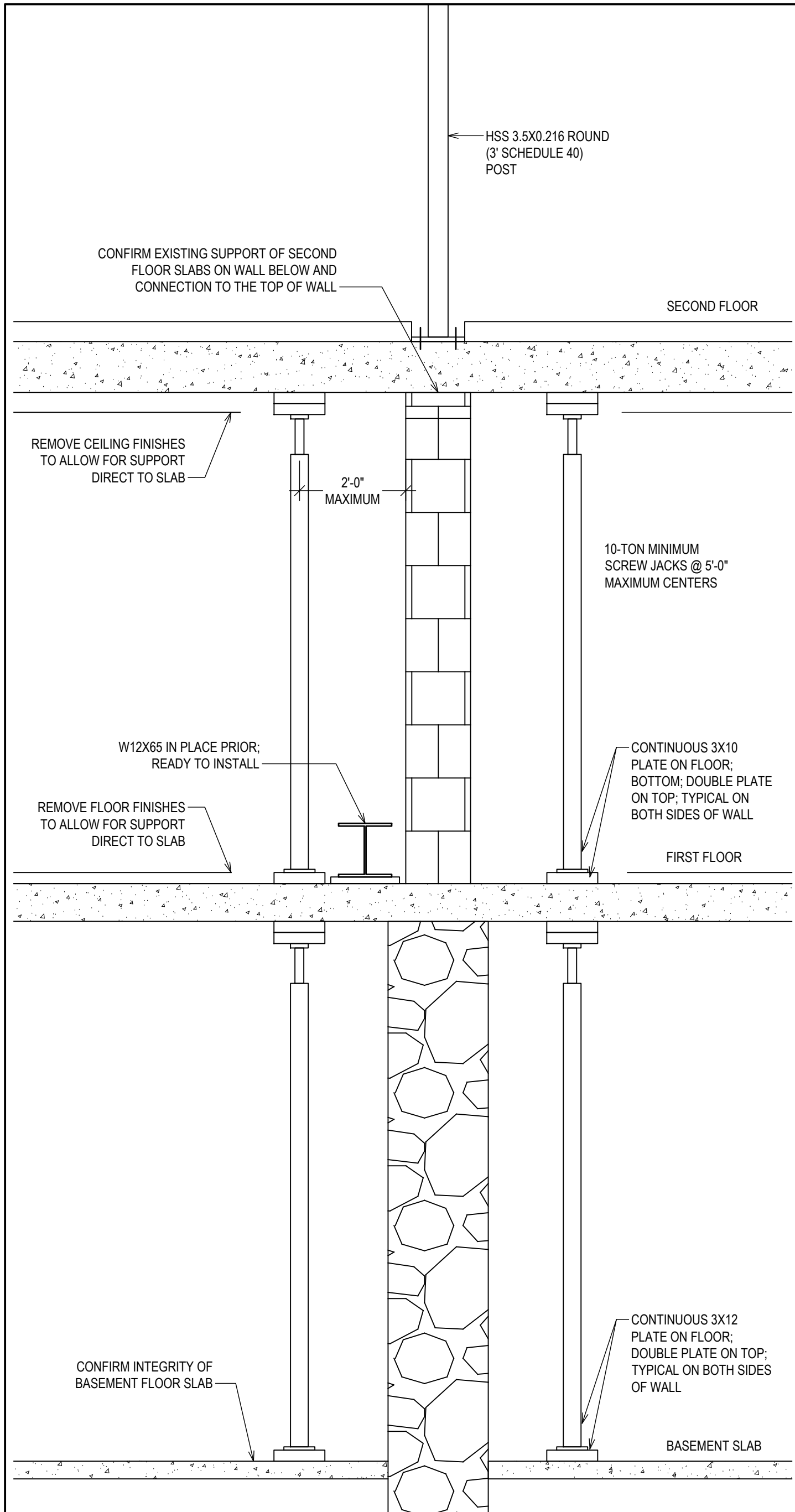
CONFIRM SOLID LOAD PATH DOWN TO BASEMENT MASONRY WALL BELOW
INSTALL PADS AS REQUIRED FOR BOTTOM BEARING PLATES OF POSTS
LIFT BEAM INTO PLACE, TIGHT TO UNDERSIDE OF SLAB
ERECT POSTS; MAKE POST-BASE AND POST-BEAM CONNECTIONS
DRY PACK AS REQUIRED BETWEEN BEAM AND SLAB
FILL BELOW COLUMN BASEPLATE ALL VOIDS WITH NON-SHRINK GROUT

IV. REMOVE TEMPORARY SUPPORTS:

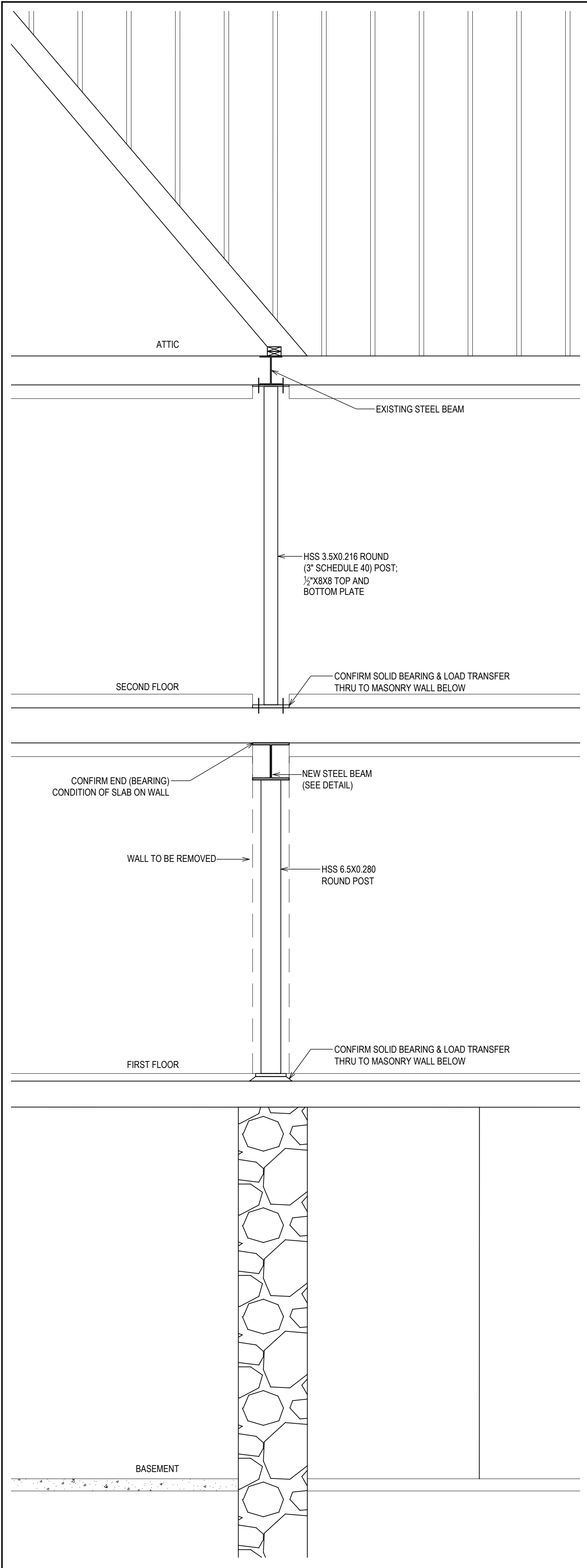
ALLOW CONCRETE, GROUT AND DRY PACK TO CURE
REMOVE TEMPORARY SUPPORTS

* THE ABOVE IS A SUGGESTED SEQUENCE OF WORK; A CONSTRUCTION SEQUENCE, INCLUDING MEANS AND METHODS, SHOULD BE SUBMITTED BY THE CONTRACTOR AND APPROVED PRIOR TO THE START OF OPERATIONS.

STAGING



STAGE 1
TEMPORARY SUPPORT
1/2" = 1'-0"



SECTION B-1
1/2" = 1'-0"

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(914) 774-9878 www.proeng.nyc vc@proeng.nyc

STAMP:

MEASURED BY STAMP SIGNED IN BLUE INK

VINCENT COAKLEY, P.E.
NY LIC. NO. 100175

PROPERTY ADDRESS:

PURCHASE, NY 10577
(TOWN/VILLAGE OF HARRISON)

S-B-L (TAX ID):

CLIENT:

TEL: ***

EMAIL: ***

DATE:

02.05.2024

ISSUE:

FOR REVIEW

02.27.2024

REVISED TEMPORARY

SUPPORT

04.22.2024

FOR REVIEW

01.17.2025

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

WORK AREA 2
REMOVE LOADBEARING WALL

DRAWING NUMBER:

S-02.2

DATE:

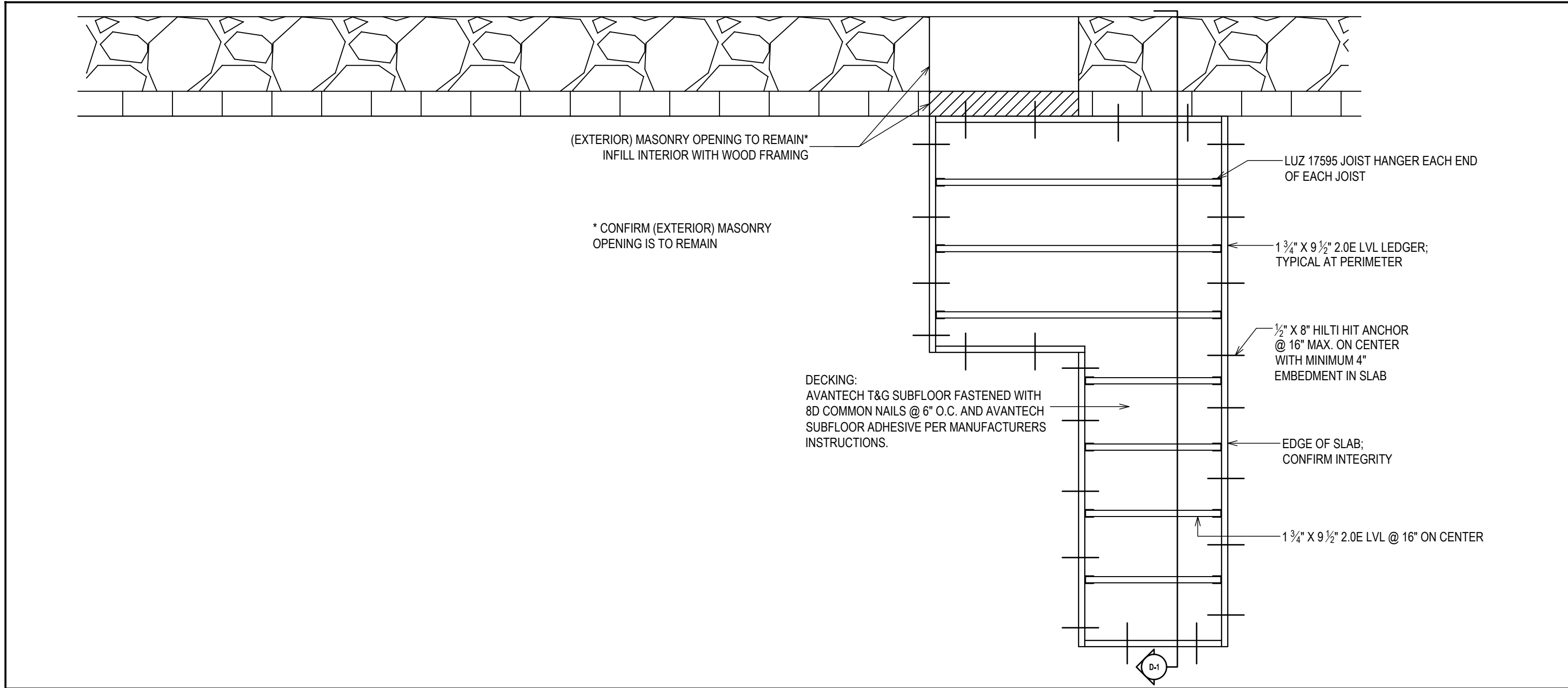
01.25.2024

SCALE:

AS NOTED

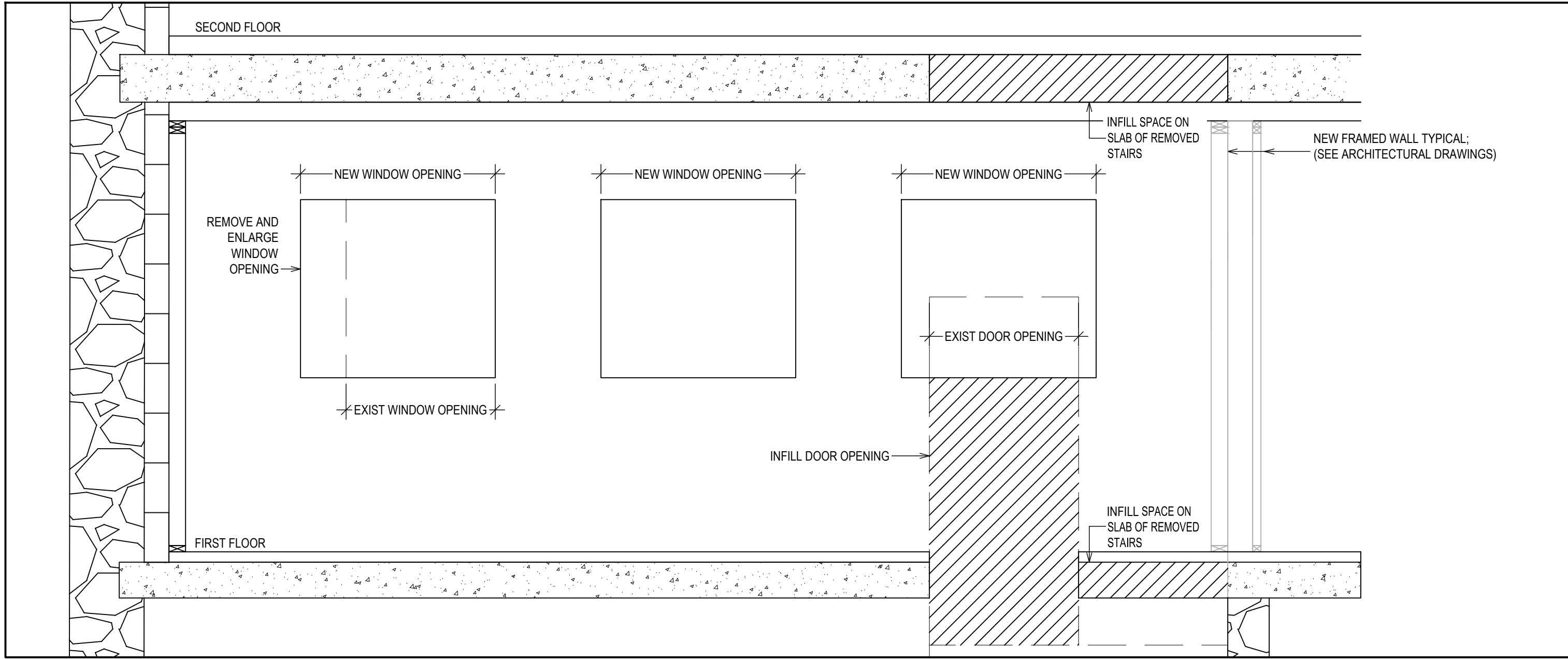
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HARRISON.



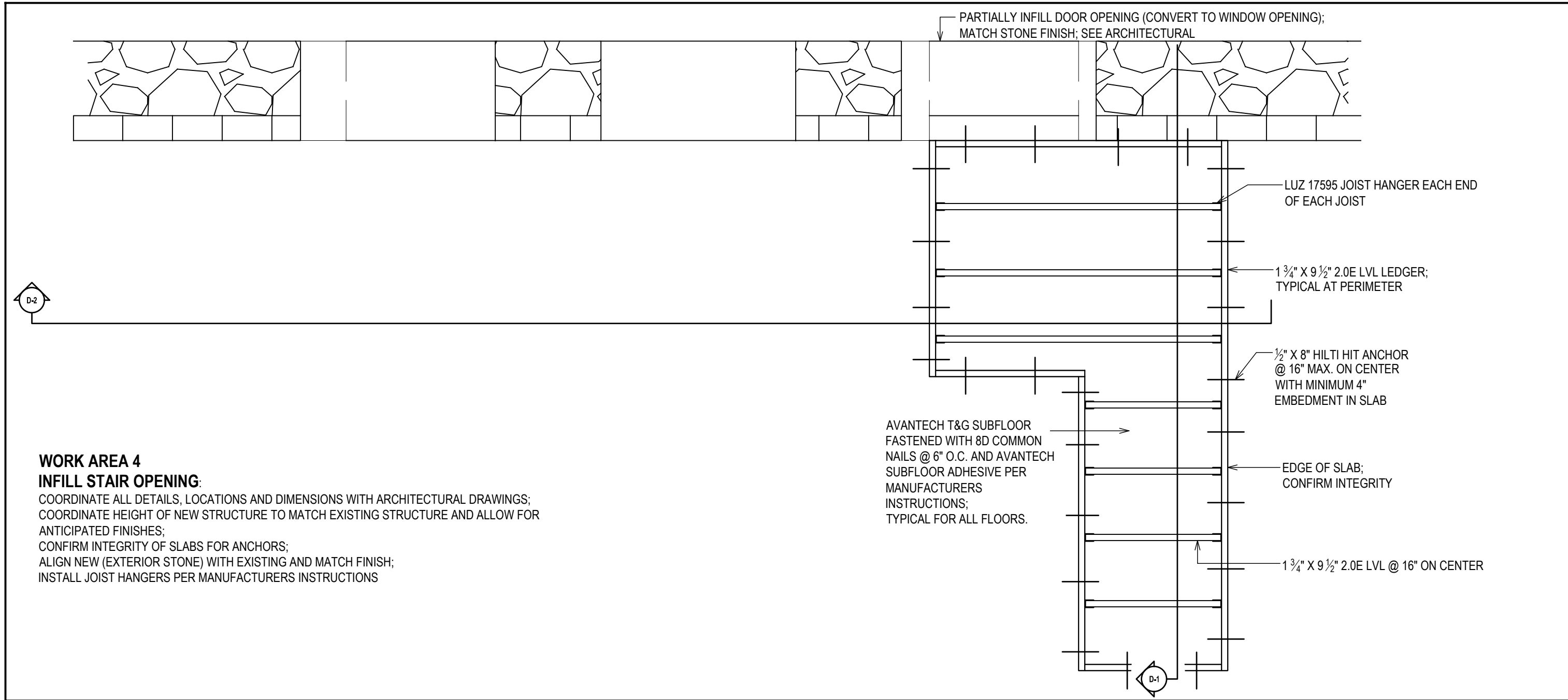
SECOND FLOOR PARTIAL PLAN

1/2" = 1'-0"



SECTION D-2

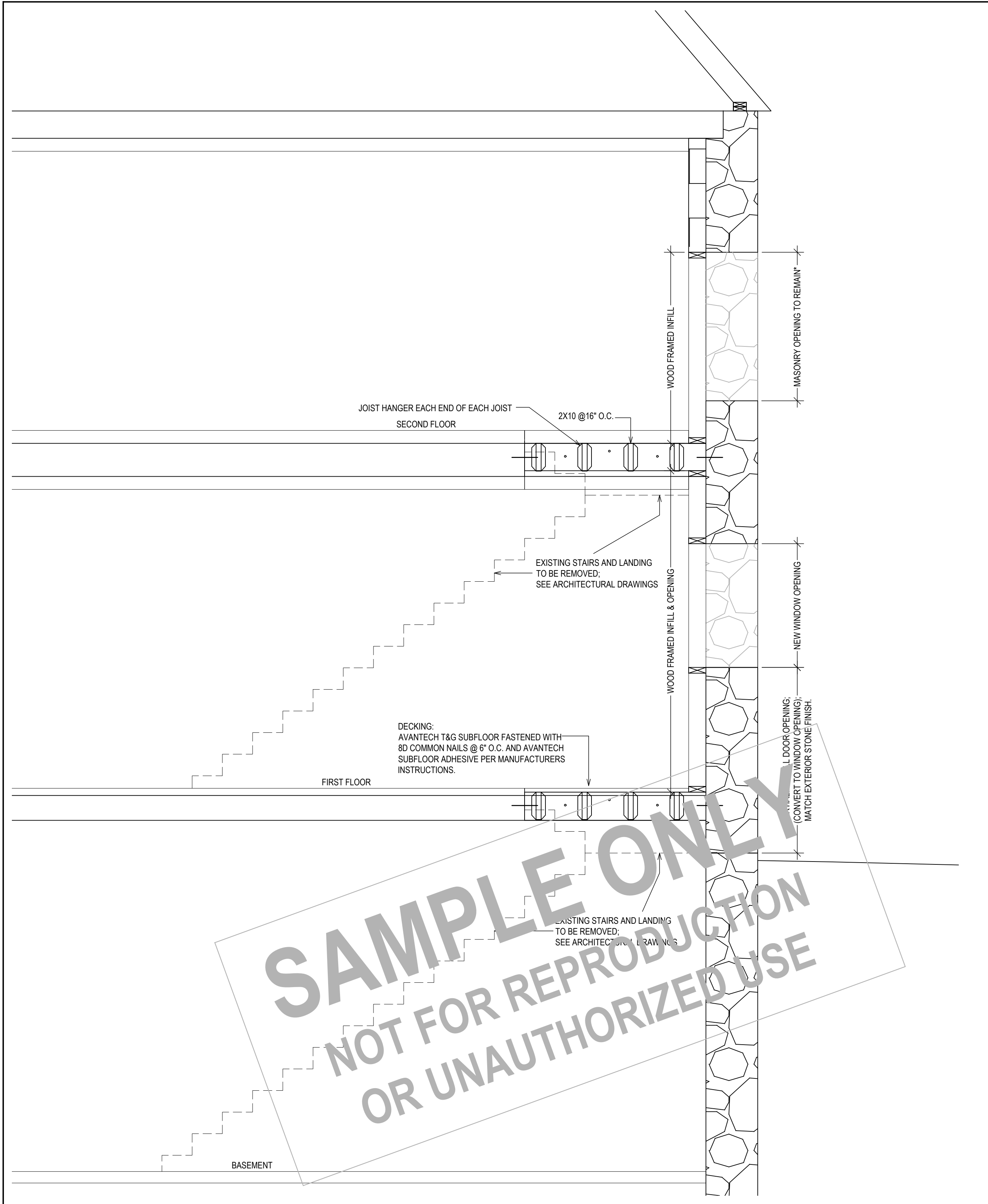
1/2" = 1'-0"



FIRST FLOOR PARTIAL PLAN

1/2" = 1'-0"

THIS DRAWING IS AS A SAMPLE ONLY
*** PERSONAL (CLIENT) INFORMATION WITHHELD



SECTION D-1

1/2" = 1'-0"

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02.05.2024

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05.01.2024

05.30.2024

09.09.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

WORK AREA 4

INFILL STAIR OPENINGS & ALTER

WINDOW MASONRY OPENINGS

DRAWING NUMBER:

S-02.4

DATE:

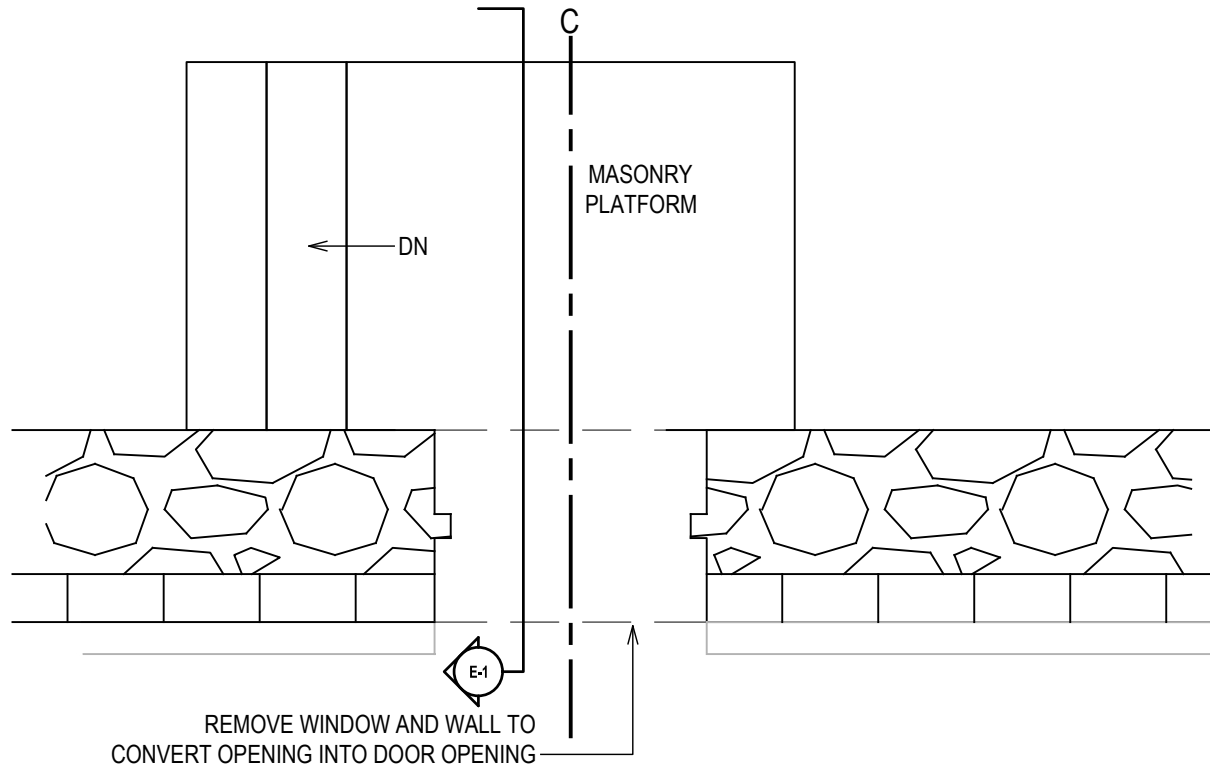
01.25.2024

SCALE:

AS NOTED

NOTE:

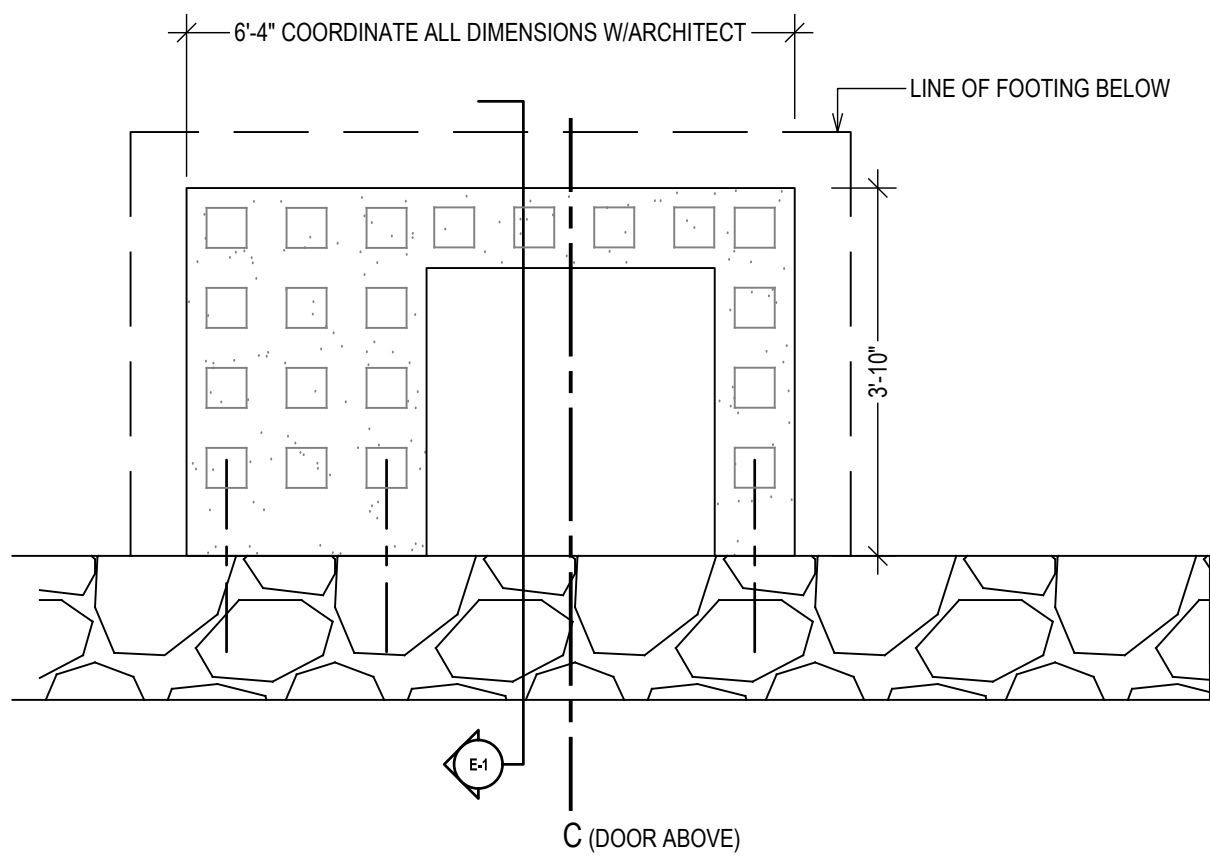
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HARRISON.



COORDINATE ALL DIMENSIONS
W/ARCHITECTURAL DRAWINGS

FIRST FLOOR PARTIAL PLAN

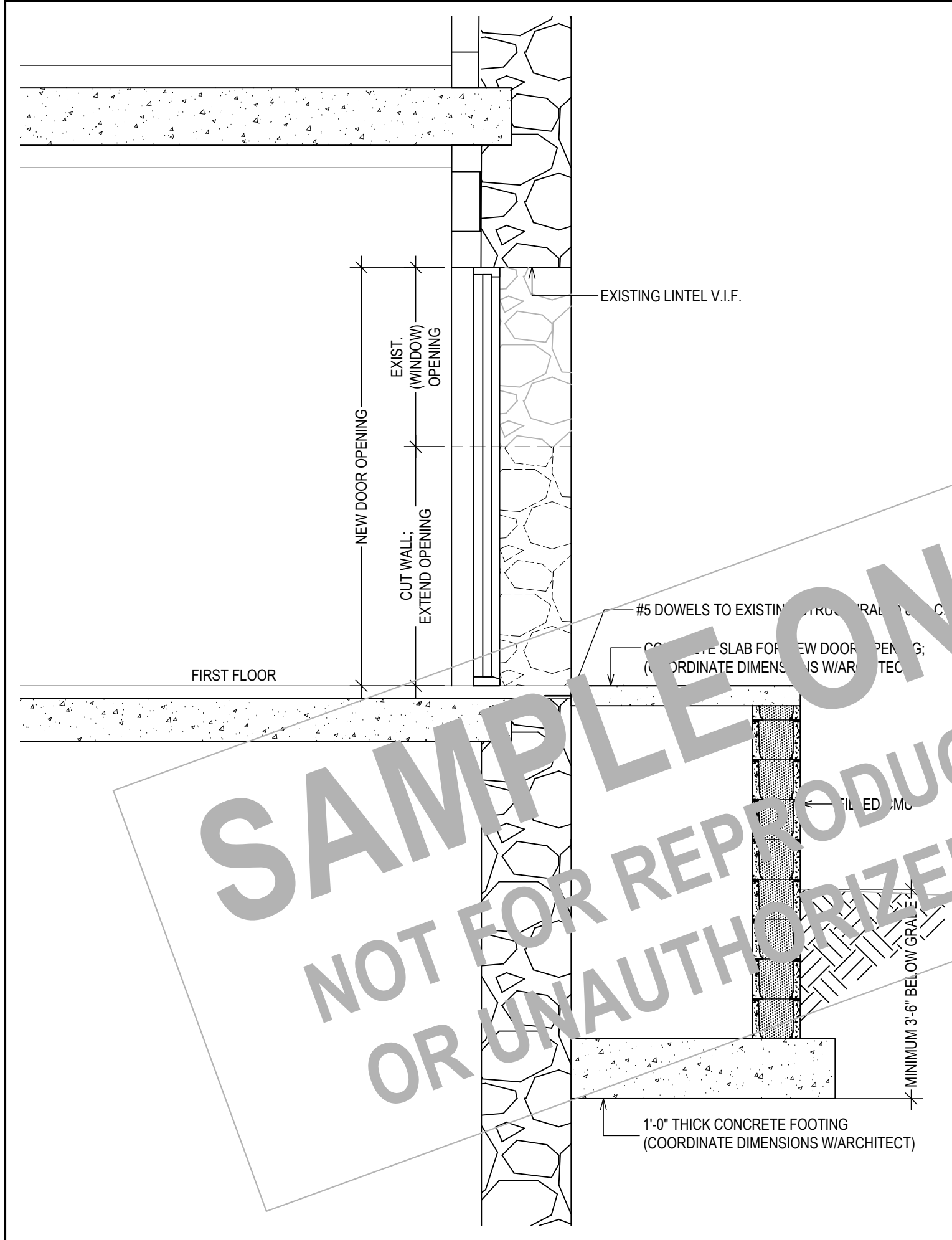
1/2" = 1'-0"



COORDINATE ALL DIMENSIONS
W/ARCHITECTURAL DRAWINGS

BASEMENT PARTIAL PLAN

1/2" = 1'-0"



SECTION E-2

1/2" = 1'-0"

ARCHITECTURAL
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PURCHASE, NY 10577

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02.05.2024

04.22.2024

05.01.2024

05.30.2024

09.09.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

WORK AREA 5

NEW OPENING TO FIRST FLOOR

DRAWING NUMBER:

S-02.5

DATE:

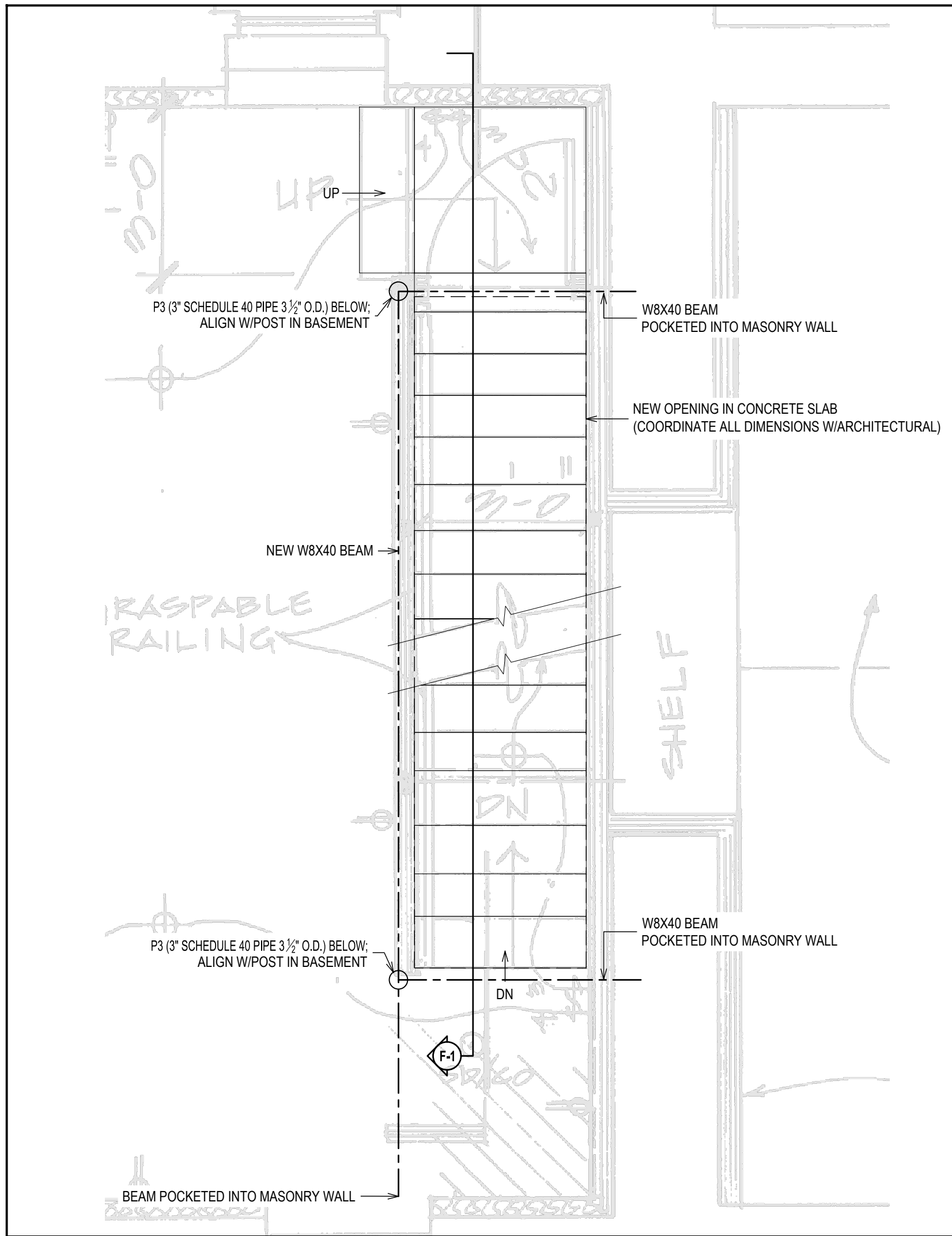
01.25.2024

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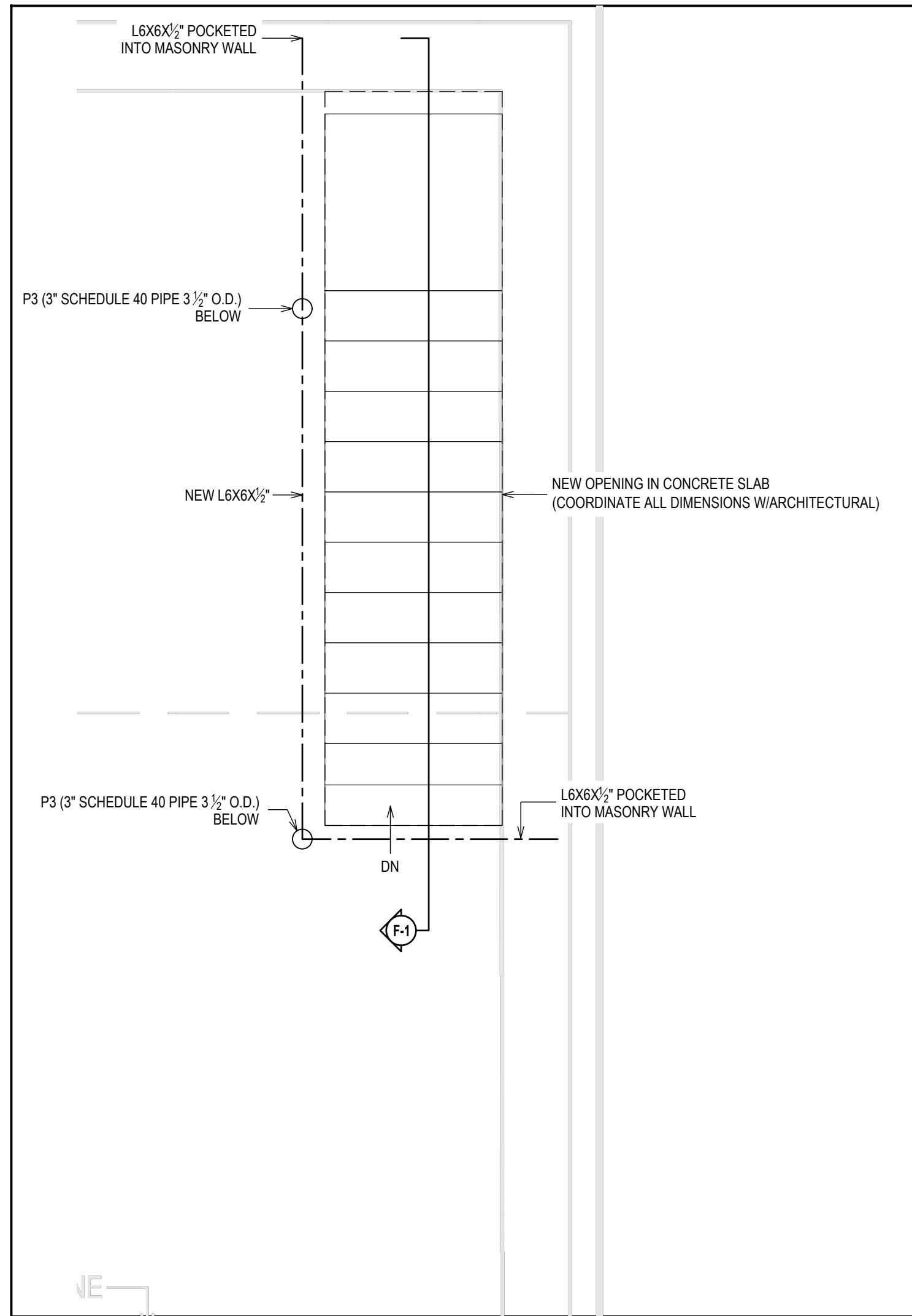
AS NOTED

NOTE:

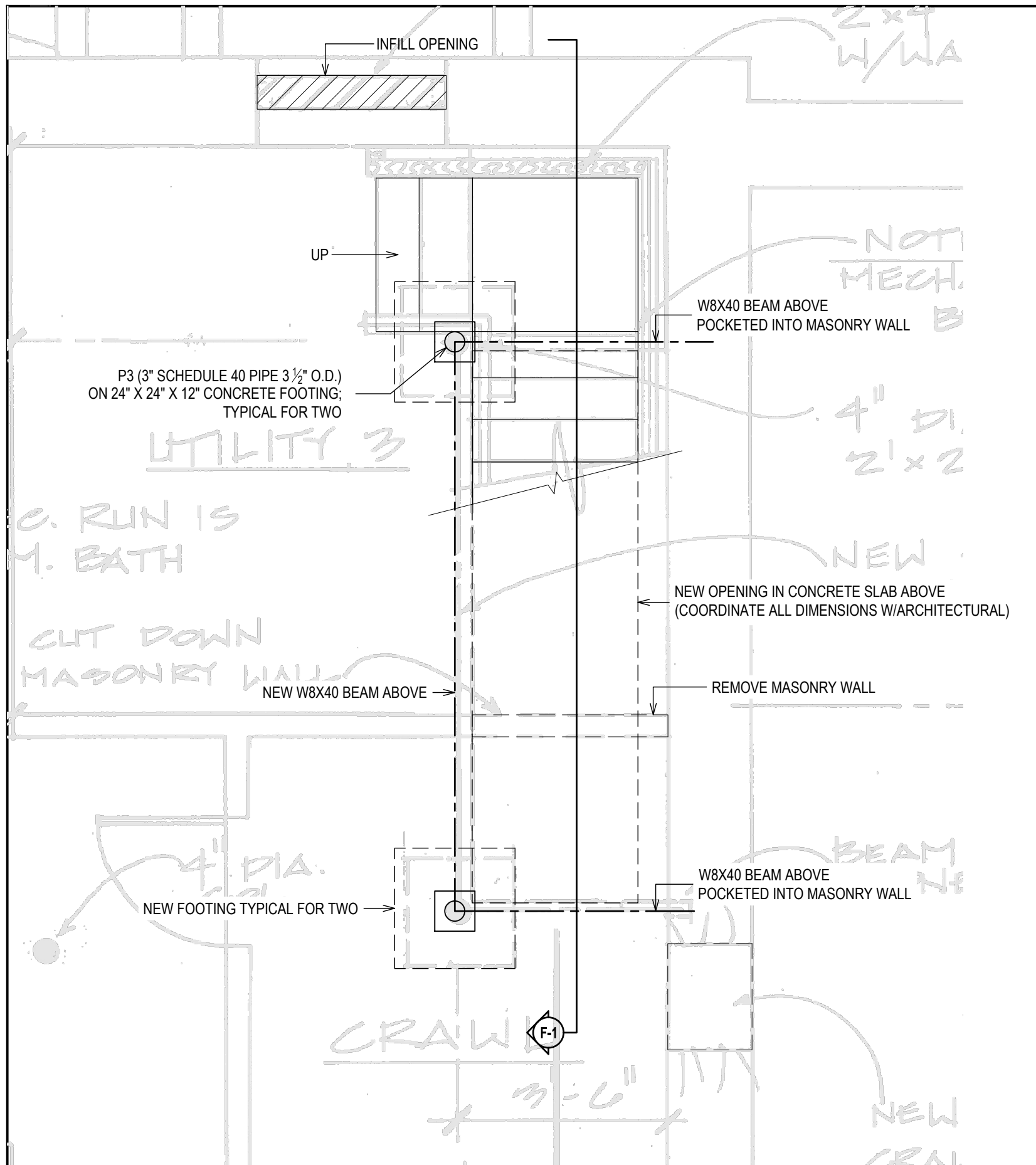
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DRAWING, BY THE TOWN/VILLAGE OF
HARRISON.



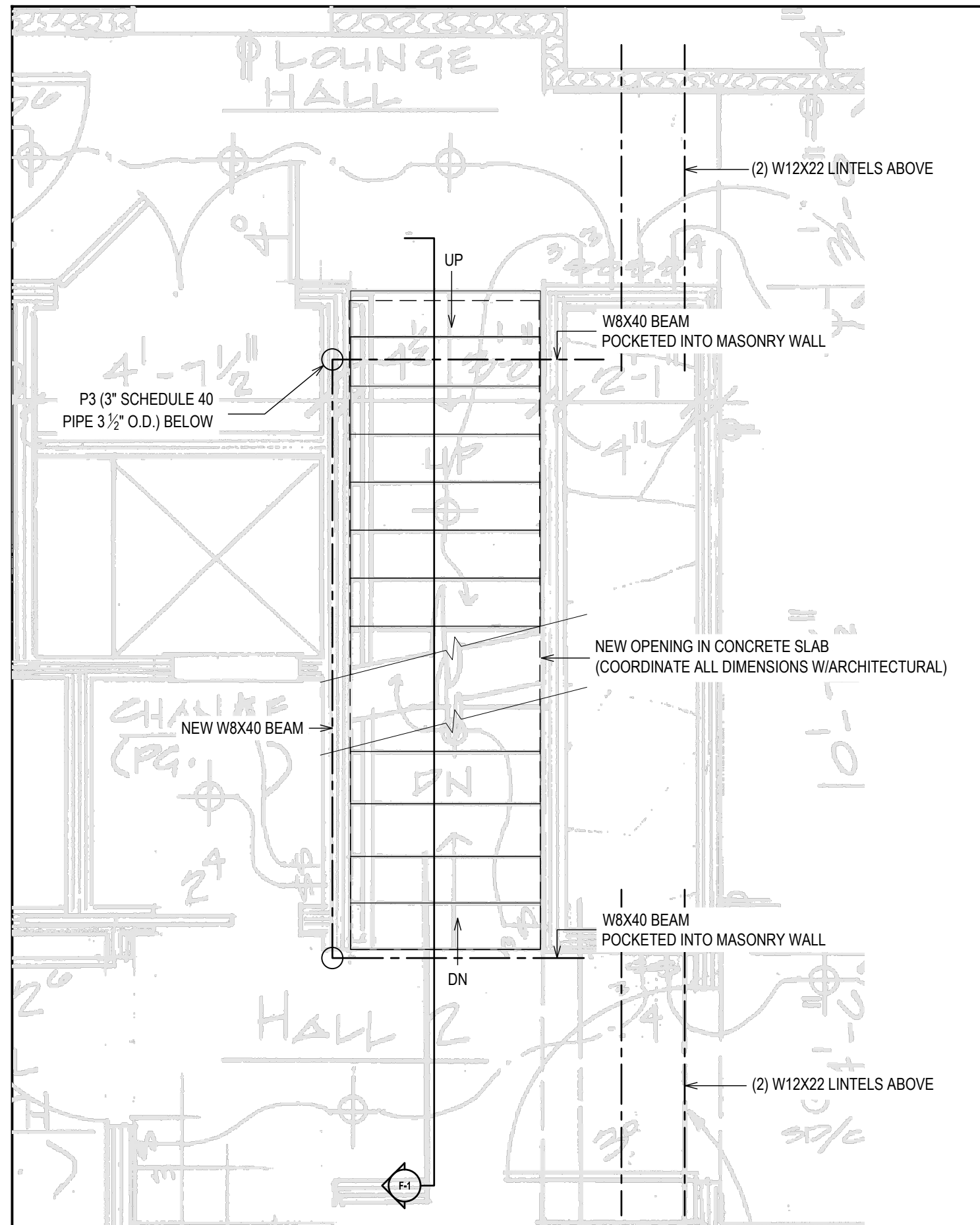
SECOND FLOOR PARTIAL PLAN
1/2" = 1'-0"



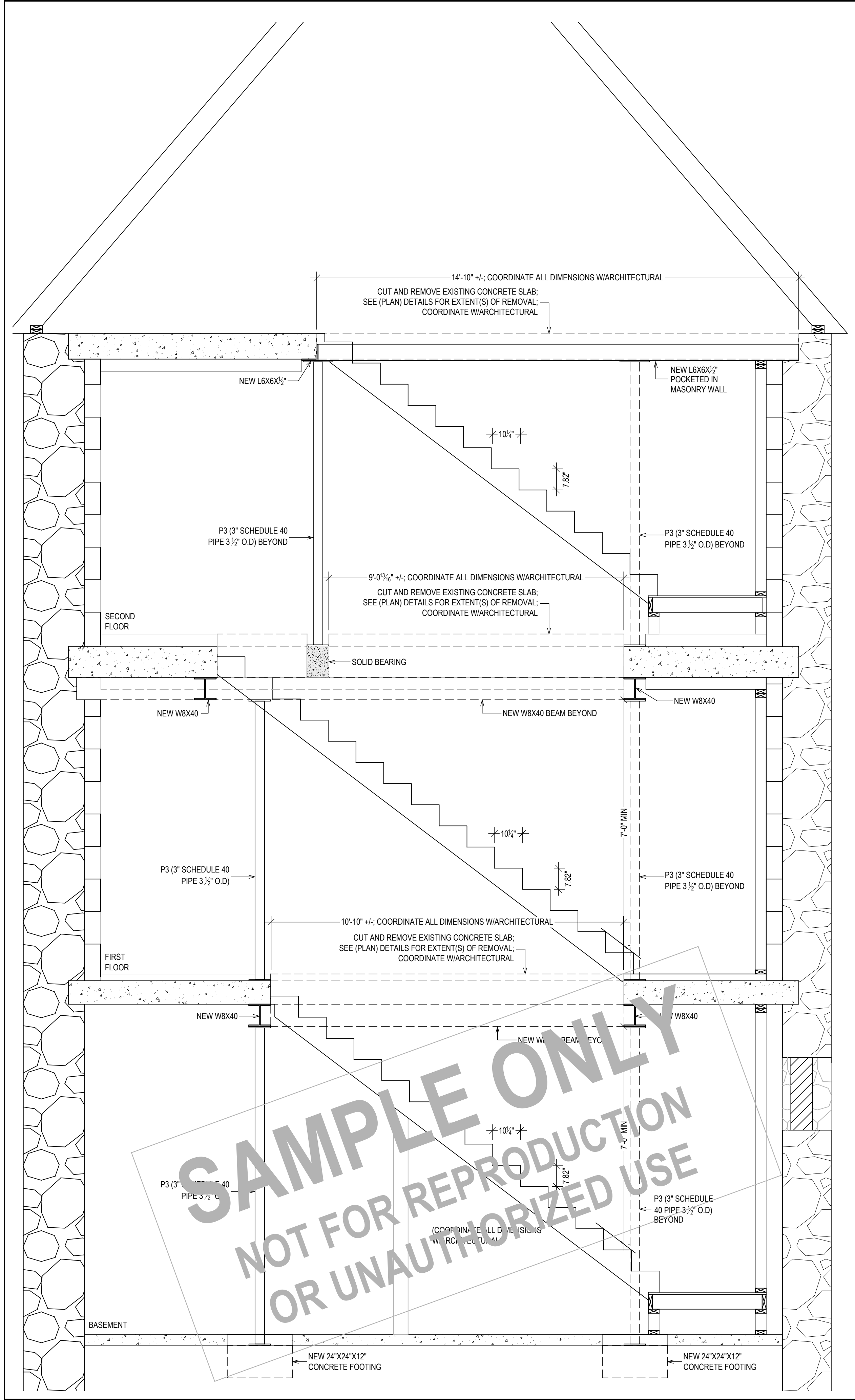
ATTIC FLOOR PARTIAL PLAN
1/2" = 1'-0"



BASEMENT PARTIAL PLAN
1/2" = 1'-0"



FIRST FLOOR PARTIAL PLAN
1/2" = 1'-0"



SECTION F-1
1/2" = 1'-0"

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(TOWN/VILLAGE OF HARRISON)

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CLIENT:

TEL: ***

EMAIL: ***

DATE:

02.05.2024

04.22.2024

05.01.2024

05.30.2024

06.19.2024

09.07.2024

ISSUE:

FOR REVIEW

DESIGN CHANGE

DESIGN CHANGE

DESIGN CHANGE

DETAIL ADDED

DESIGN CHANGE

PROJECT NAME:

STRUCTURAL ALTERATION

DRAWING NAME:

WORK AREA 6

NEW STAIRS

DRAWING NUMBER:

S-02.6.0

DATE:

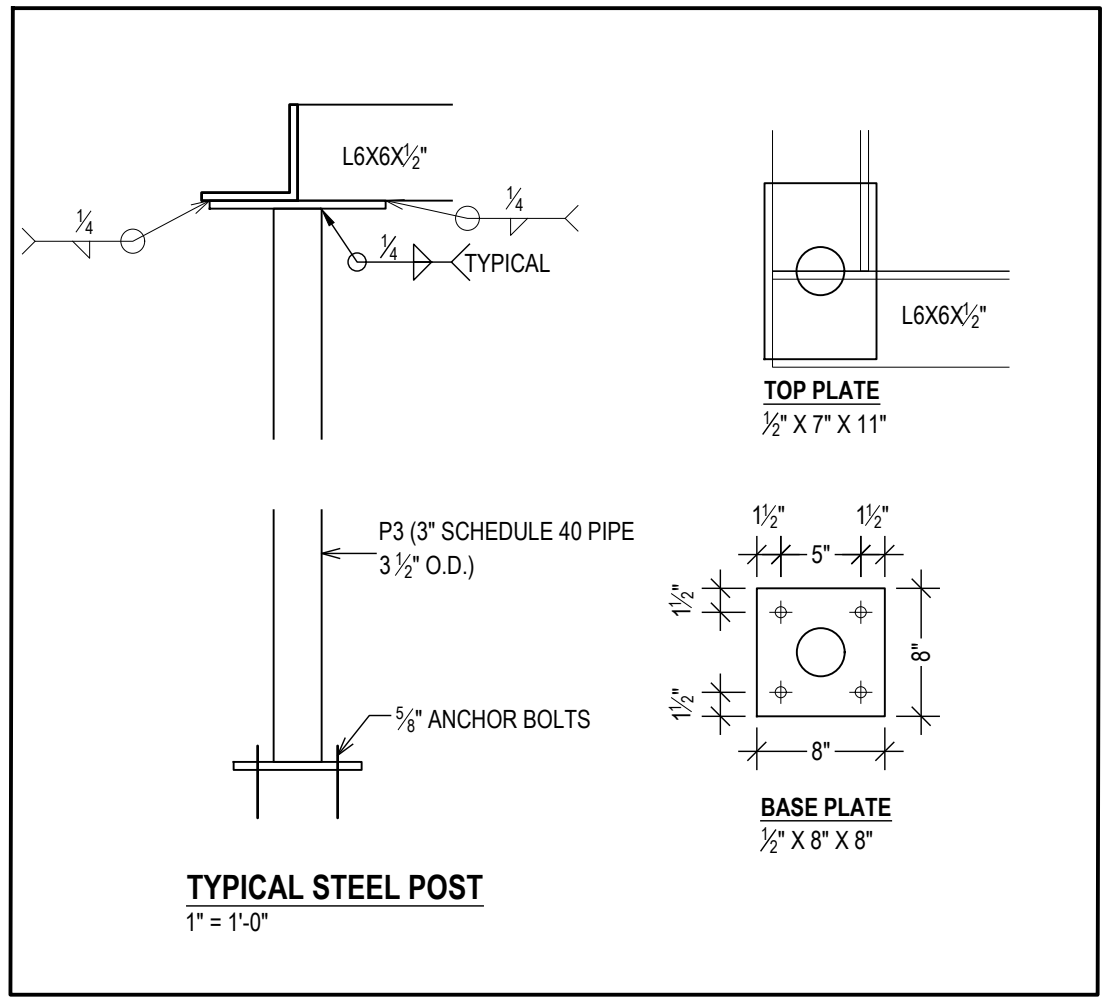
01.25.2024

SCALE:

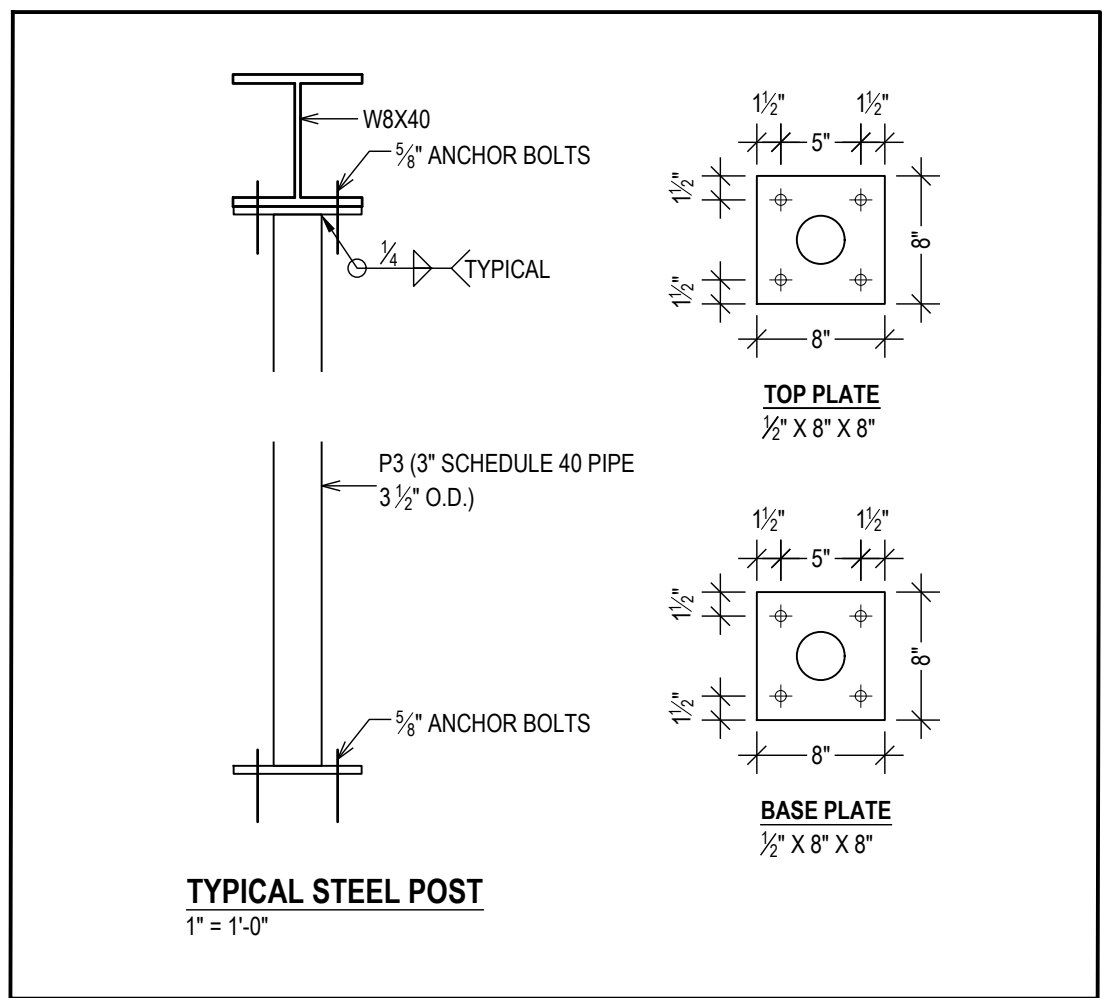
AS NOTED

NOTE:

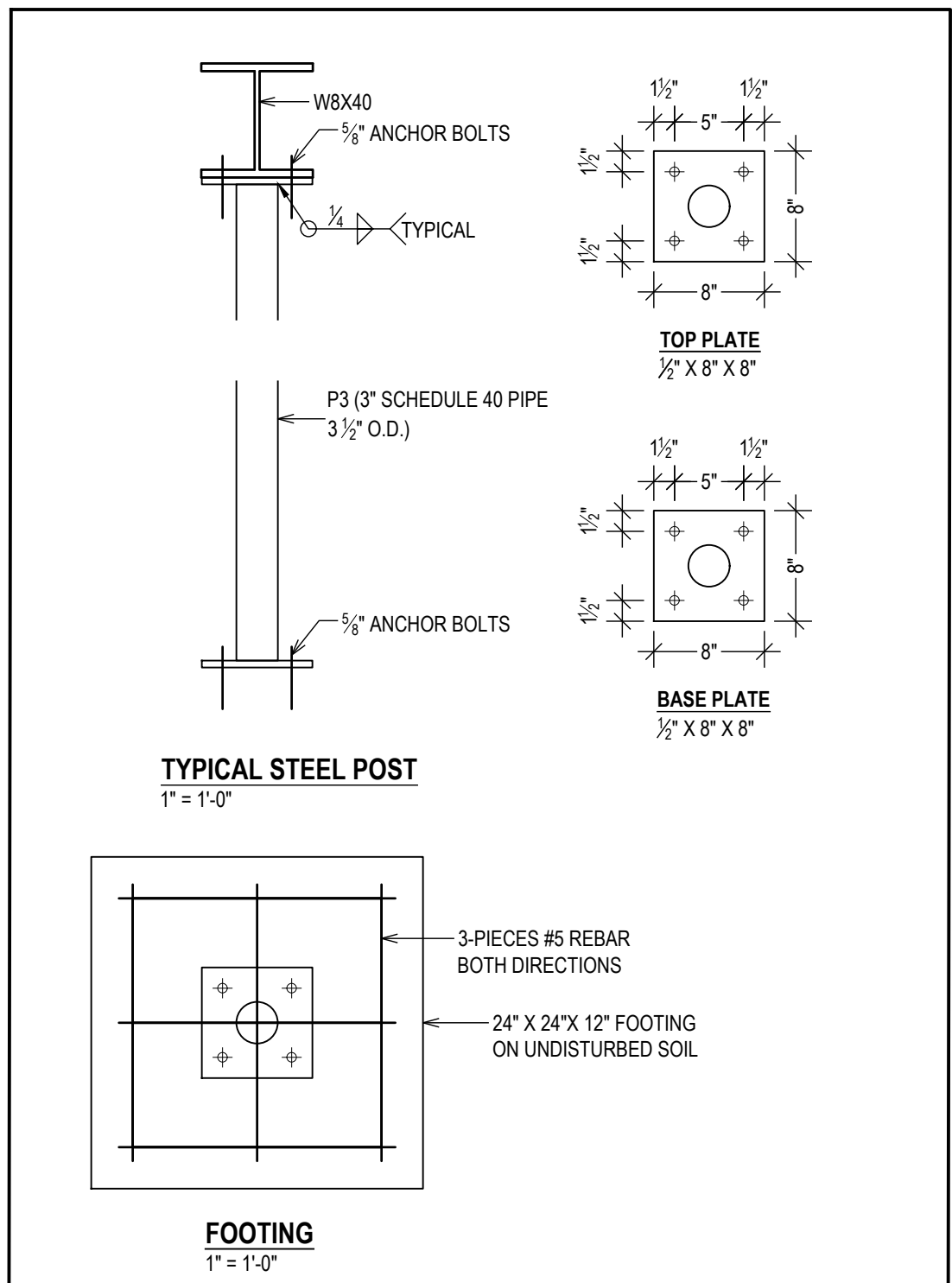
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CONSTRUCTION IF (AND ONLY IF) A
PERMIT IS ISSUED, BASED ON THIS
DRAWING, BY THE TOWN/VILLAGE OF
HARRISON.



SECOND FLOOR POST(S)
1\"/>



FIRST FLOOR POST(S)
1\"/>

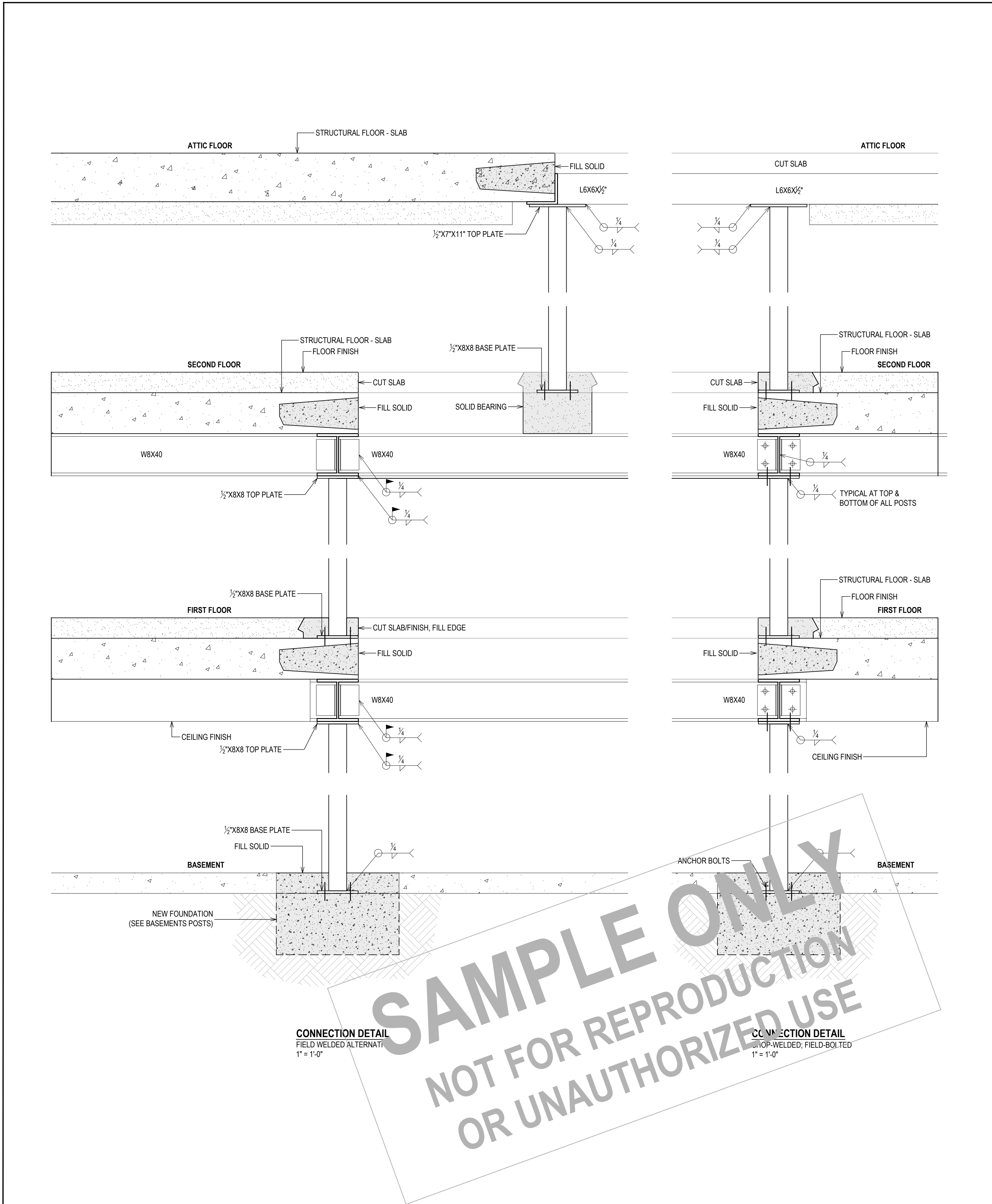


BASEMENT POST(S)
1\"/>

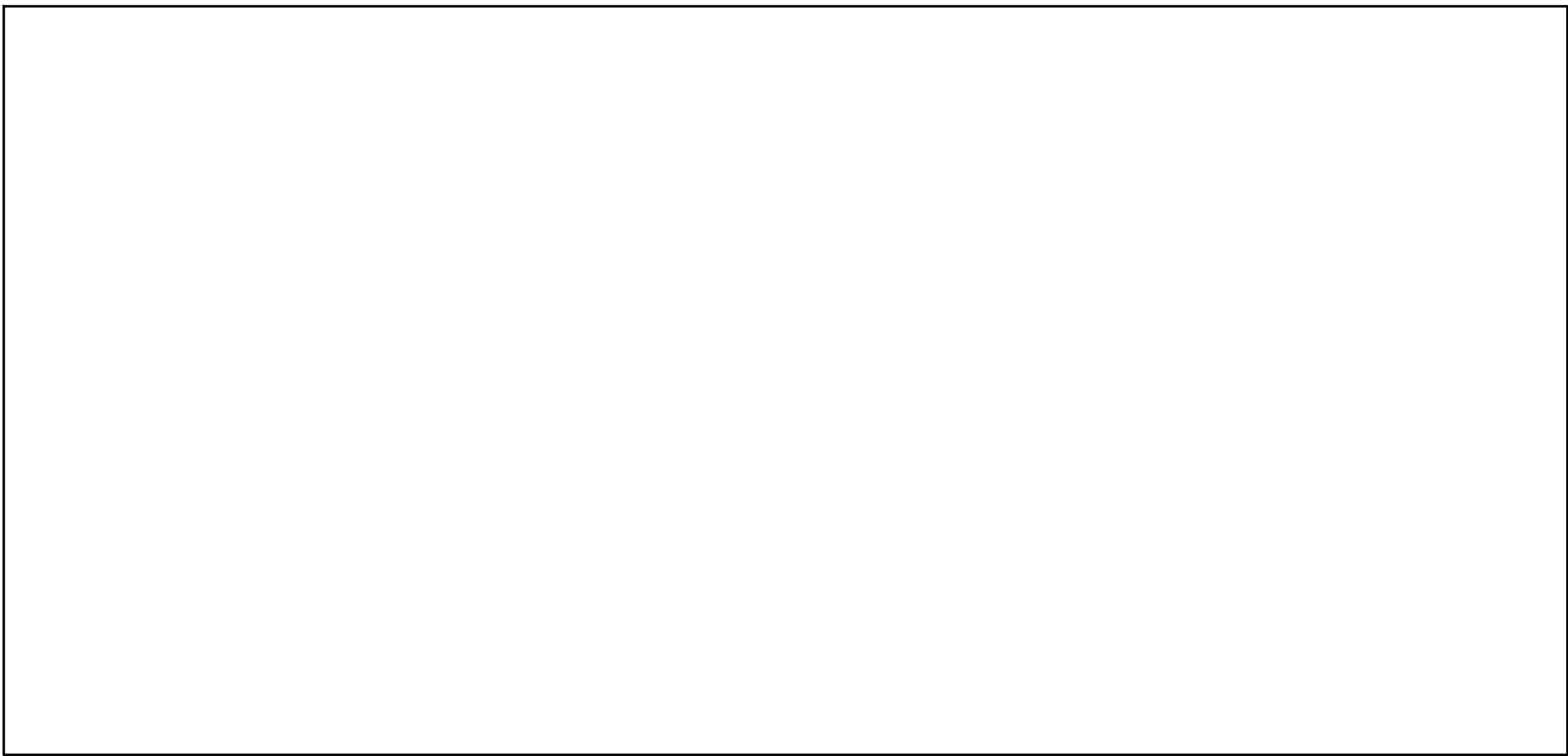
MATERIAL SPECIFICATION		
POST		
STEEL POSTS	P3 (3\"/>	ASTM A53
BASE PLATE	1/2\"/>	ASTM A36
ANCHOR BOLTS	3/4\"/>	STB2-62500 OR EQUAL
TOP PLATE	1/2\"/>	ASTM A36
BEAM		
NEW BEAM	L6X6X1/2\"/>	ASTM A36

MATERIAL SPECIFICATION		
POST		
STEEL POSTS	P3 (3\"/>	ASTM A53
BASE PLATE	1/2\"/>	ASTM A36
ANCHOR BOLTS	3/4\"/>	STB2-62500 OR EQUAL
TOP PLATE	1/2\"/>	ASTM A36
ANCHOR BOLTS	3/4\"/>	STB2-62500 OR EQUAL
BEAM		
NEW BEAM	W8X40	ASTM A992

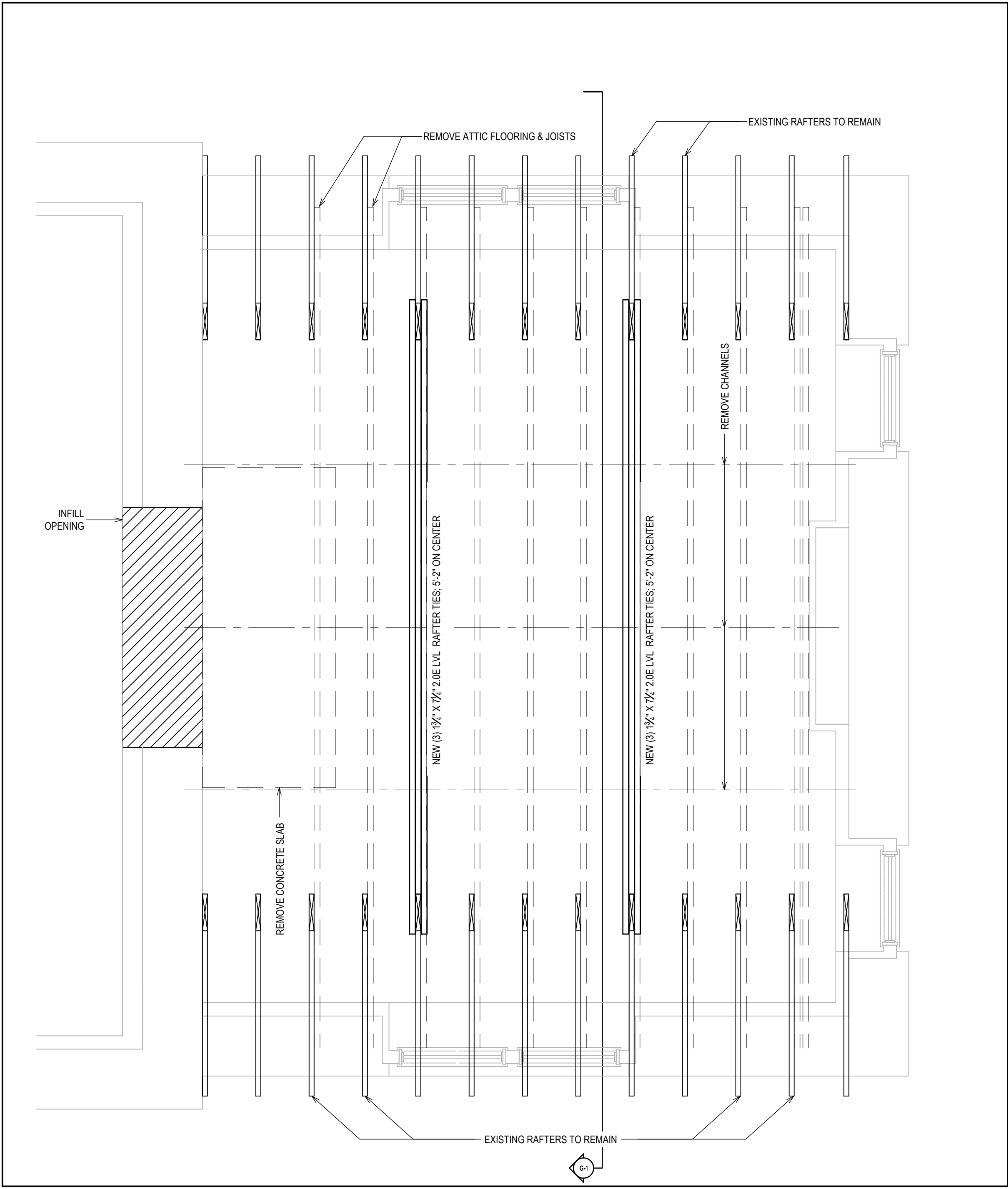
MATERIAL SPECIFICATION		
FOOTING		
CONCRETE	4,000 PSI @ 28 DAYS PER ACI 318	
REBAR	#5 DEFORMED BAR	ASTM A615 GRADE 60
POST		
STEEL POSTS	P3 (3\"/>	ASTM A53
BASE PLATE	1/2\"/>	ASTM A36
ANCHOR BOLTS	3/4\"/>	STB2-62500 OR EQUAL
TOP PLATE	1/2\"/>	ASTM A36
ANCHOR BOLTS	3/4\"/>	STB2-62500 OR EQUAL
BEAM		
NEW BEAM	W8X40	ASTM A992



CONFECTION DETAILS
1\"/>

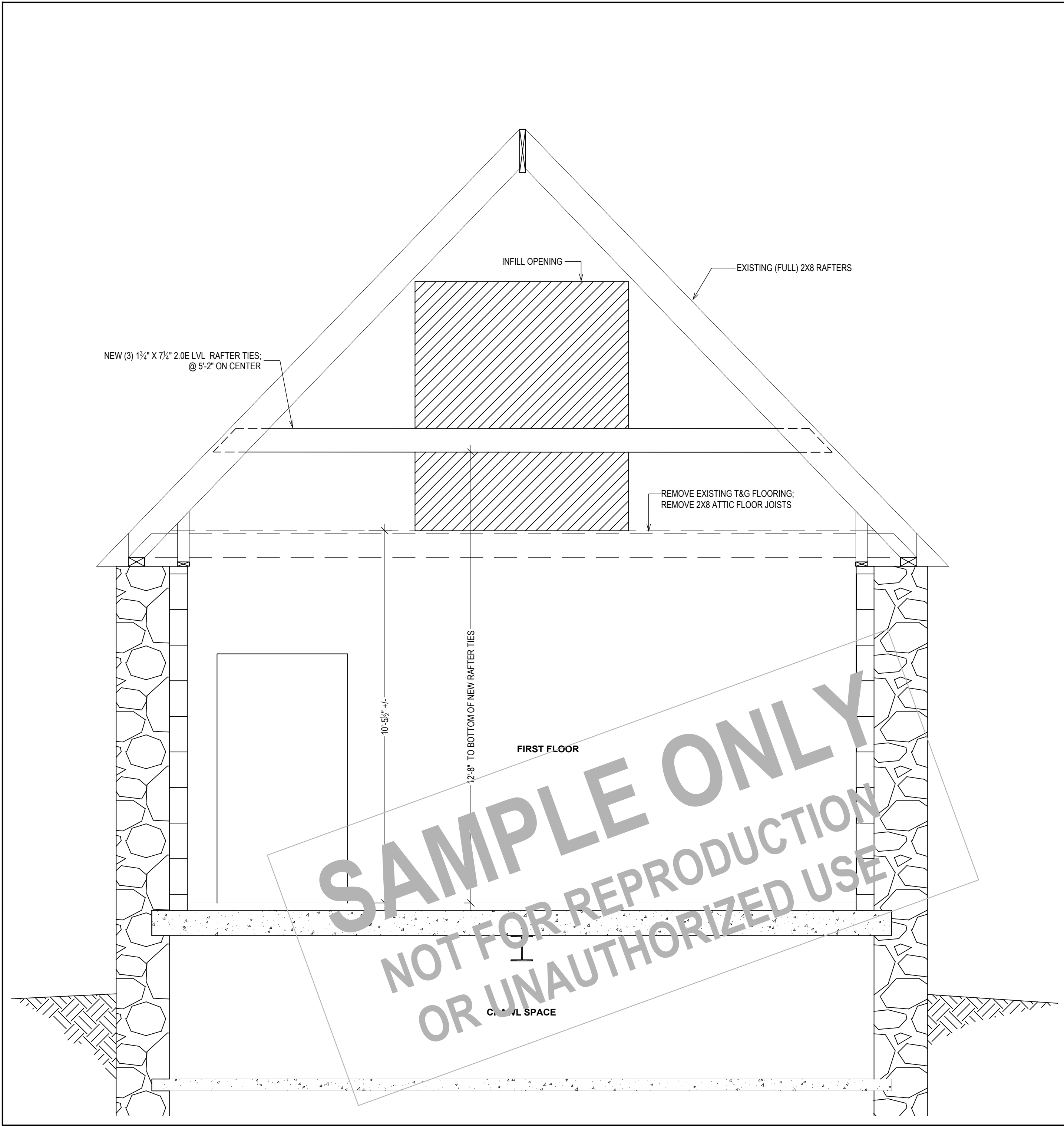


DETAILS
1/2" = 1'-0"



FIRST FLOOR CEILING/ ATTIC FLOOR/ ROOF FRAMING
1/2" = 1'-0"

THIS DRAWING IS AS A SAMPLE ONLY
*** PERSONAL (CLIENT) INFORMATION WITHHELD



SECTION G-1
1/2" = 1'-0"

ARCHITECT: ARCHITECTURAL
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05.30.2024
09.09.2024

ISSUE:
FOR REVIEW
DESIGN CHANGE
DESIGN CHANGE
DESIGN CHANGE
DESIGN CHANGE

PROJECT NAME:
STRUCTURAL ALTERATION

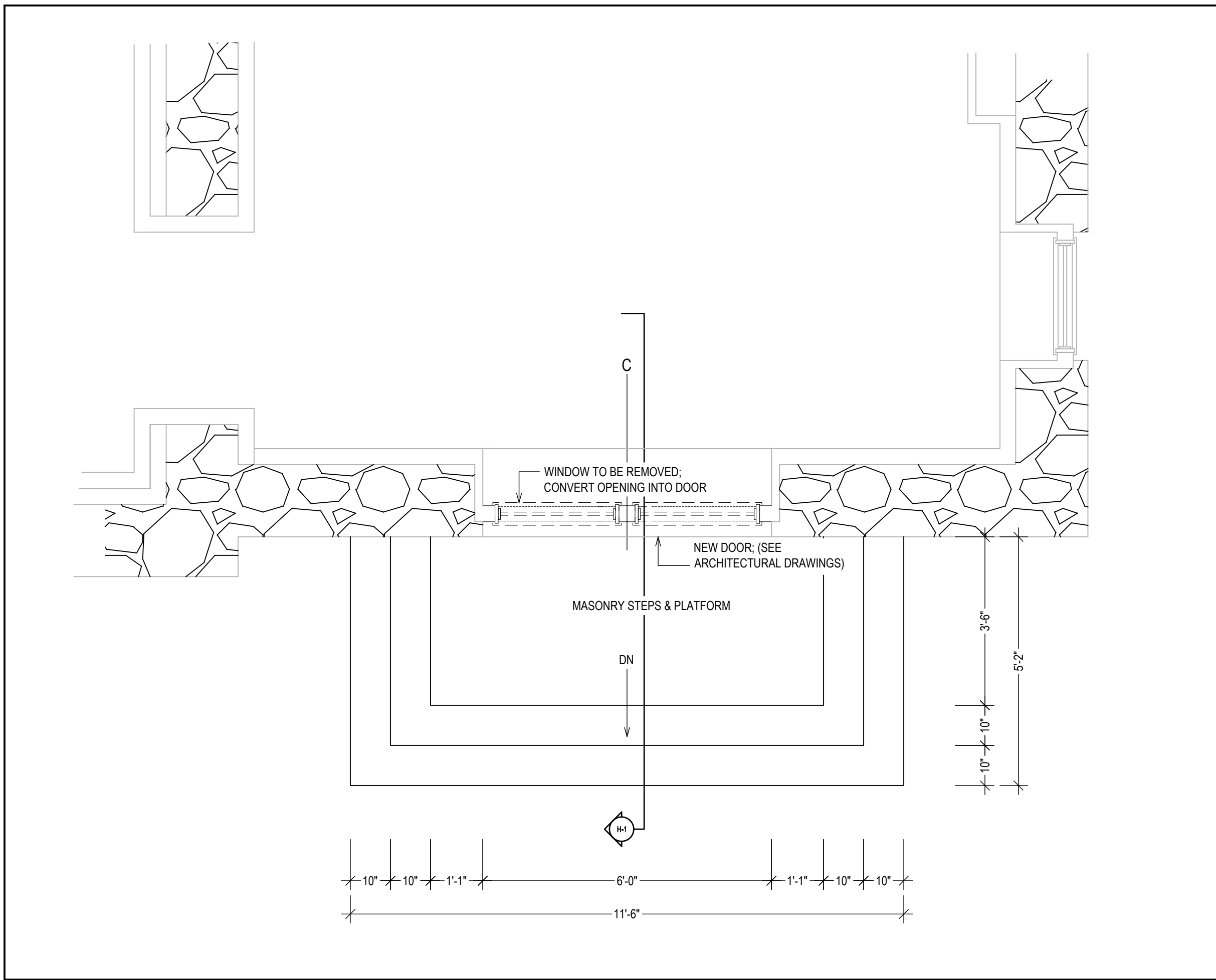
DRAWING NAME:
WORK AREA 7
ALTER ROOF-CEILING STRUCTURE

DRAWING NUMBER:
S-02.7

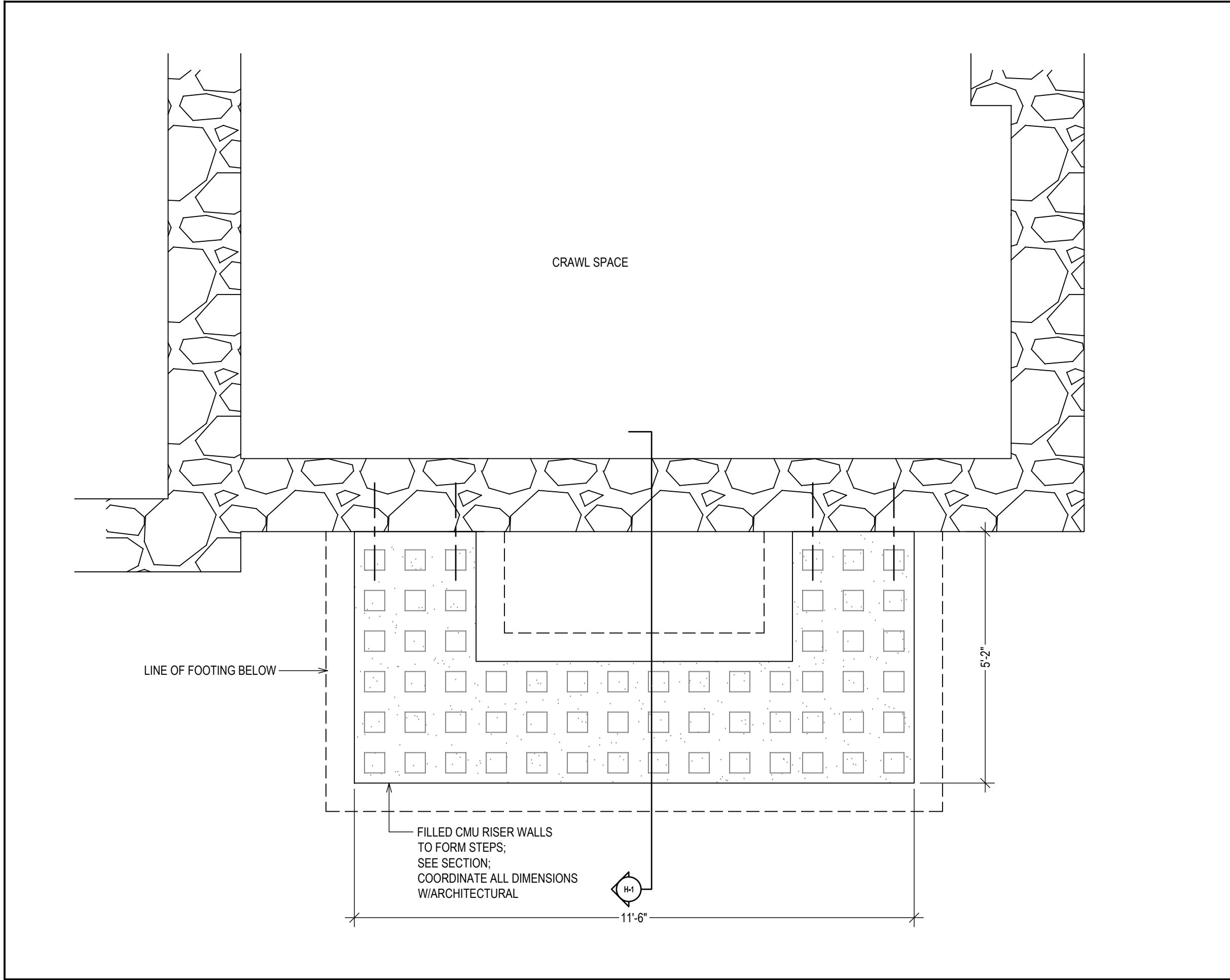
DATE:
01.25.2024

SCALE:
AS NOTED

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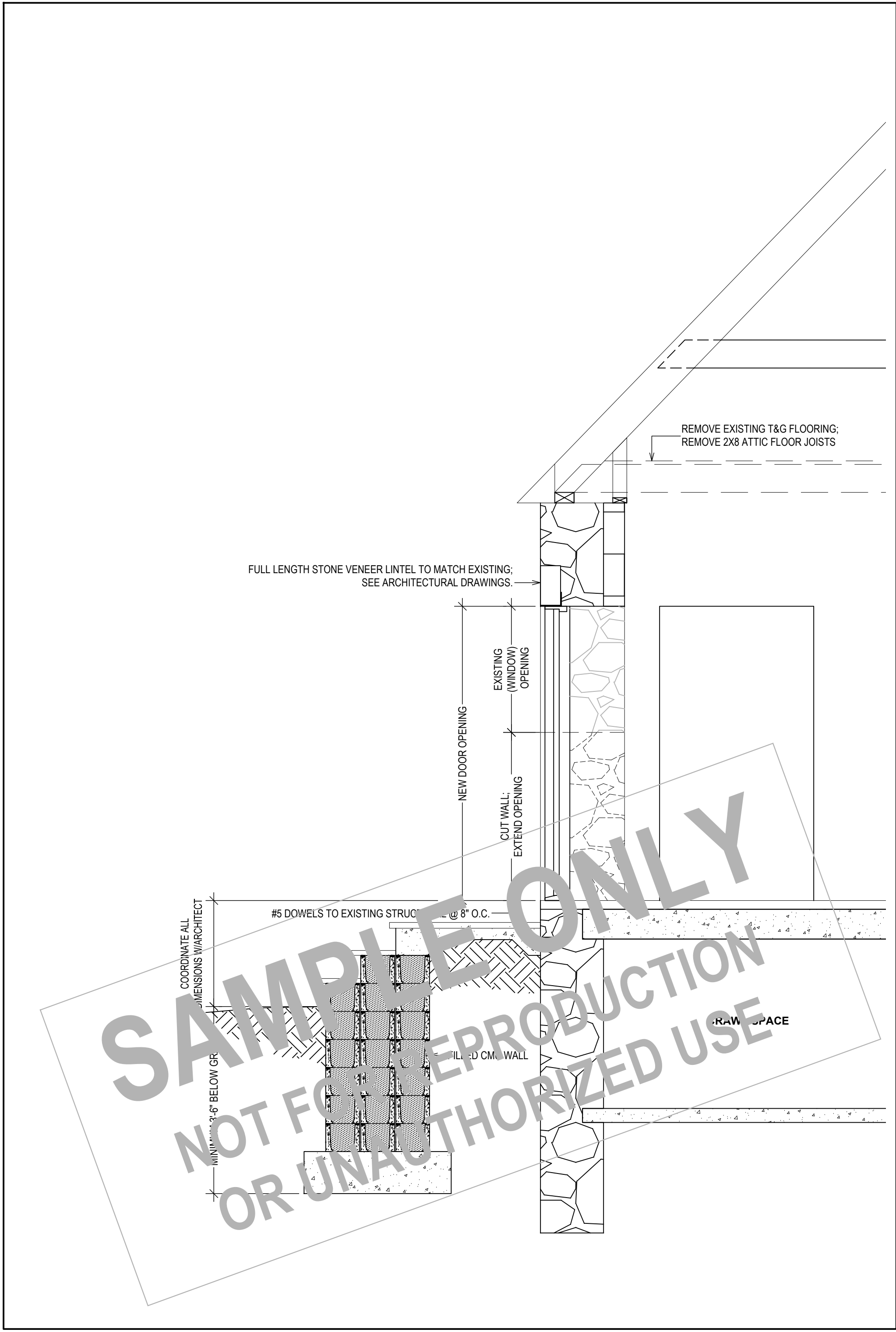


FIRST FLOOR PARTIAL PLAN
1/2" = 1'-0"



FOUNDATION PARTIAL PLAN
1/2" = 1'-0"

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*** PERSONAL (CLIENT) INFORMATION WITHHELD



SECTION H-1
1/2" = 1'-0"

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DATE: 02.05.2024
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05.30.2024
09.09.2024
ISSUE: FOR REVIEW
DESIGN CHANGE
DESIGN CHANGE
DESIGN CHANGE
DESIGN CHANGE

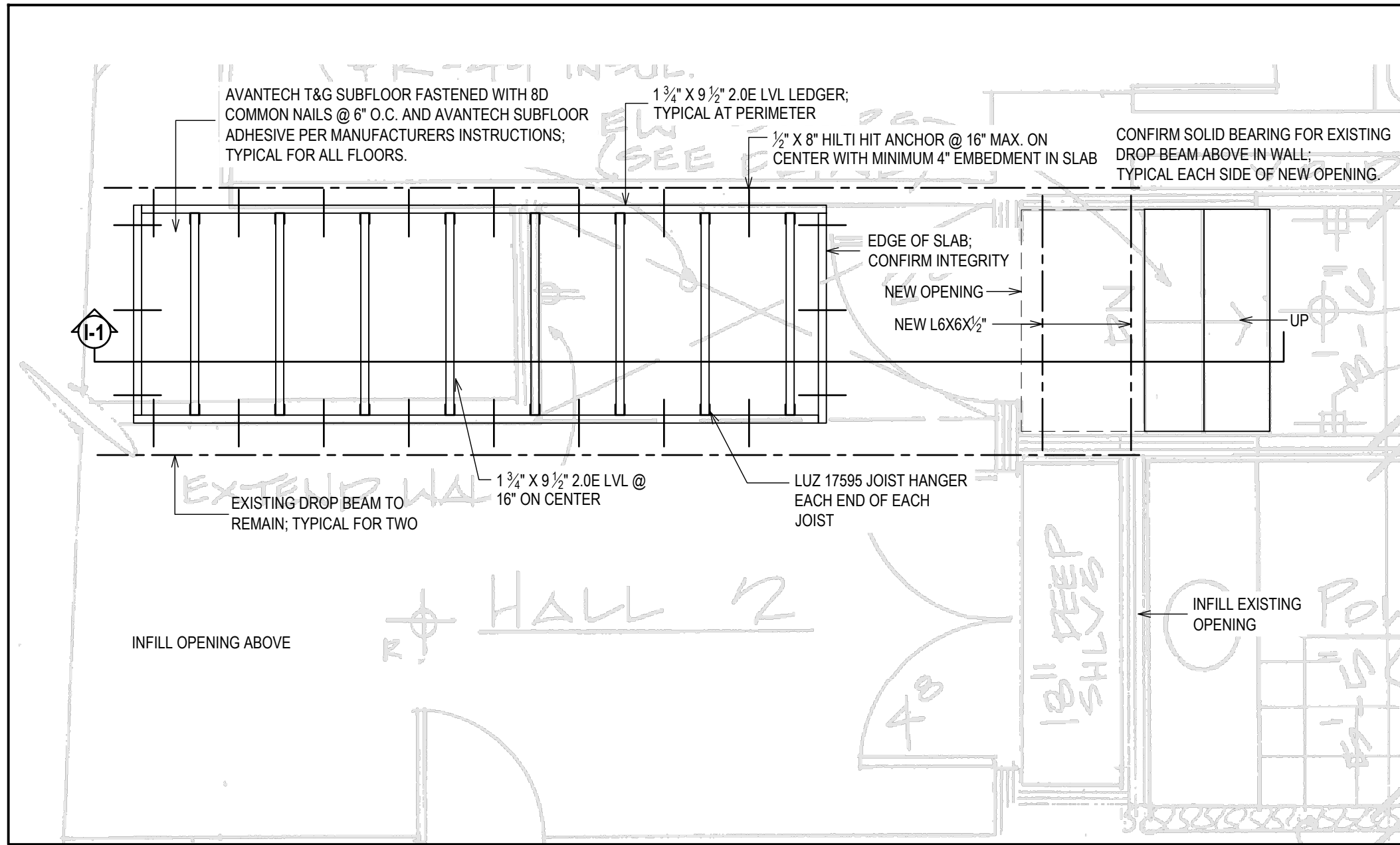
PROJECT NAME:
STRUCTURAL ALTERATION
DRAWING NAME:
WORK AREA 8
NEW OPENING TO FIRST FLOOR

DRAWING NUMBER:
S-02.8

DATE:
01.25.2024

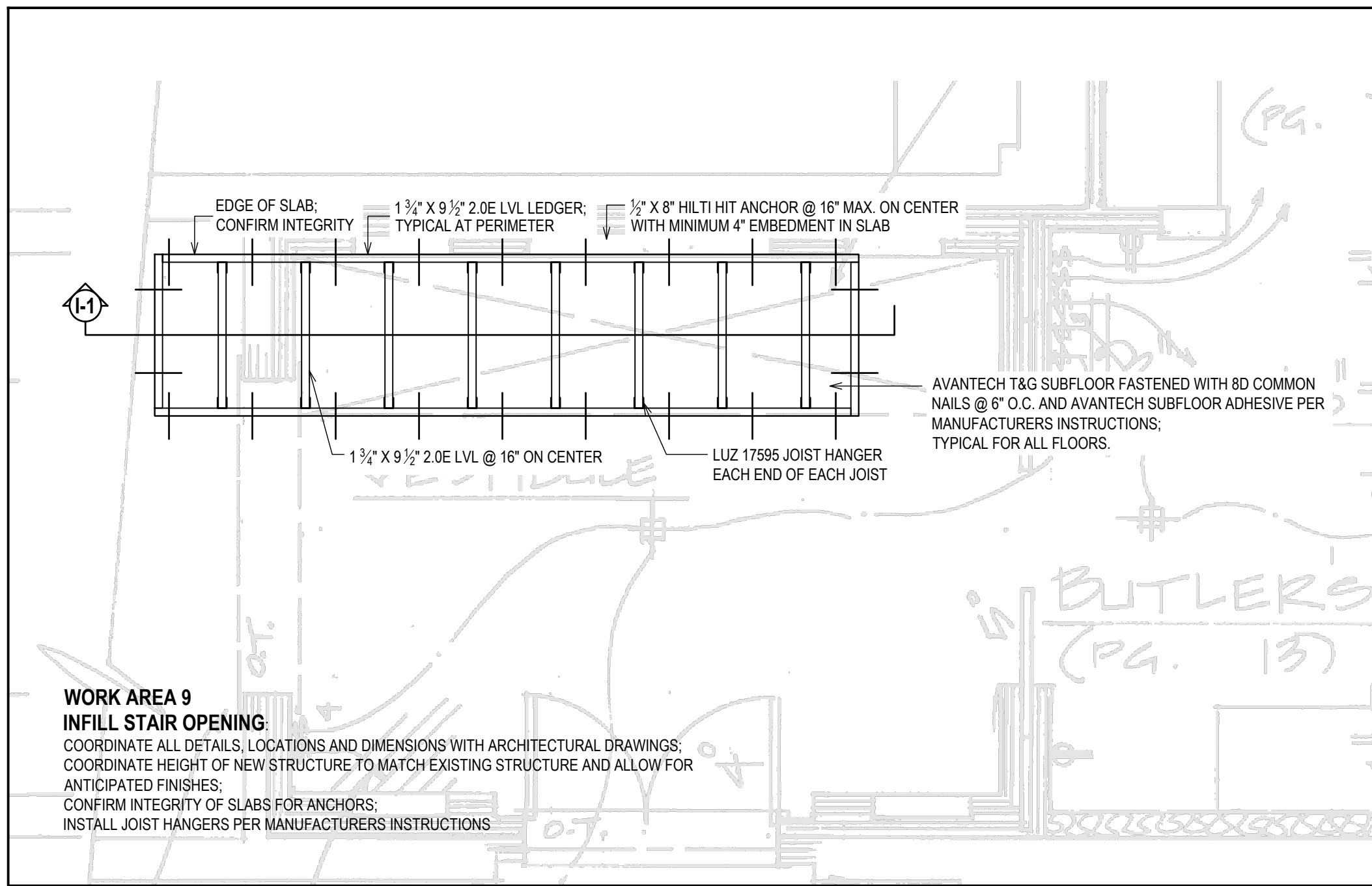
SCALE:
AS NOTED

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HARRISON.



SECOND FLOOR PARTIAL PLAN

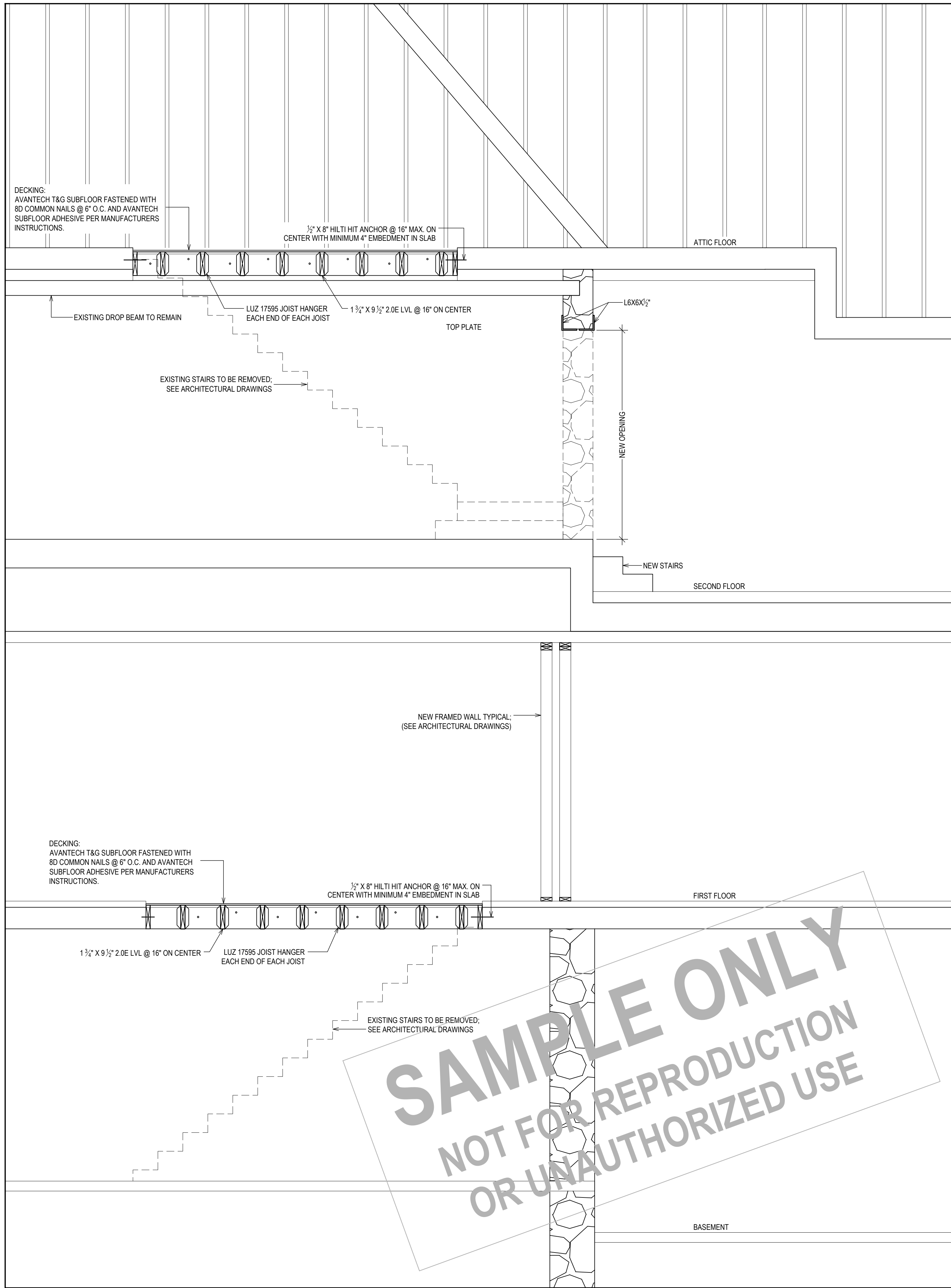
1/2" = 1'-0"



FIRST FLOOR PARTIAL PLAN

1/2" = 1'-0"

THIS DRAWING IS AS A SAMPLE ONLY
*** PERSONAL (CLIENT) INFORMATION WITHHELD



SECTION I-1

1/2" = 1'-0"

ARCHITECT
**ARCHITECTURAL
CONSULTANTS**

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EMAIL: ***

DATE:
9.09.2024

ISSUE:
DESIGN CHANGE

PROJECT NAME:
STRUCTURAL ALTERATION

DRAWING NAME:
**WORK AREA 9
INFILL STAIR OPENING(S)**

DRAWING NUMBER:
S-02.9

DATE:
01.25.2024

SCALE:
AS NOTED

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