

TEMPORARY SHORING (PHASE 1)

113 S MADISON STREET; BLOOMFIELD, IOWA

DESIGN CODES & LOADS:

THE STRUCTURAL DESIGN OF THIS PROJECT SHALL BE IN ACCORDANCE WITH THE '2018 INTERNATIONAL BUILDING CODE' (IBC), 'MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES' [ASCE/SEI 7-16], AND APPLICABLE REFERENCED STANDARDS. ALL LOADS REQUIRED FOR DESIGN BY OTHERS AND NOT LISTED BELOW SHALL BE IN ACCORDANCE WITH THESE REQUIREMENTS.

OCCUPANCY CATEGORY: "I"

ROOF LIVE LOADS:	
GROUND SNOW	Pg = 25 psf
EXPOSURE FACTOR	Ce = 1.0
IMPORTANCE FACTOR	I = 1.0
THERMAL FACTOR	Ct = 1.0
MINIMUM ROOF SNOW LOAD	Pf = 25 psf
*DRIFTING & UNBALANCED LOADS SHALL BE IN ACCORDANCE WITH ASCE/SEI 7 CALCULATED WITH Pf AND Pg SPECIFIED	

FLOOR LIVE LOADS:
 **NO OCCUPANCY ALLOWED UNTIL REPAIRS ARE COMPLETED
 CONSTRUCTION LIVE LOAD 25 psf

WIND LOADS:	
ULTIMATE WIND SPEED (3 SEC GUST)	115 MPH
IMPORTANCE FACTOR	I = 1.0
EXPOSURE CATEGORY	C
INTERNAL PRESSURE COEFFICIENT	± 0.18

SEISMIC LOADS:	
SITE CLASS	D
DESIGN CATEGORY	B
IMPORTANCE FACTOR	I = 1.0

GENERAL NOTES:

ELEVATIONS NOTED THUS +[12'-8"] ARE TO TOP OF SLABS, BEAMS OR OTHER STRUCTURAL FEATURES WITH REFERENCE TO THE FINISHED FIRST LEVEL FLOOR SLAB = (100'-0").

FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO FABRICATION AND/OR CONSTRUCTION OF ANY ITEMS. REPORT ANY DISCREPANCIES TO AND ENGINEER.

STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH SITE, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND BETWEEN DRAWINGS AND SPECIFICATIONS. REPORT ANY DISCREPANCIES AND/OR INTERFERENCE PROBLEMS TO AND ENGINEER.

VERIFY SIZE AND LOCATION OF ALL OPENINGS OR INSERTS AS REQUIRED BY MECHANICAL, ELECTRICAL OR PLUMBING CONTRACTORS. ANY OPENINGS OR INSERTS SHOWN ON STRUCTURAL DRAWINGS ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED PRIOR TO FRAMING.

NO BEAMS, JOISTS, COLUMNS OR SLABS SHALL BE FIELD CUT OR MODIFIED WITHOUT THE STRUCTURAL ENGINEER'S WRITTEN APPROVAL. SHOP DRAWINGS, MIX DESIGNS, PRODUCT DATA, AND CALCULATIONS SCHEDULED BELOW SHALL BE SUBMITTED FOR APPROVAL OF ALL STRUCTURAL COMPONENTS PRIOR TO FABRICATION AND/OR CONSTRUCTION. SEE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW OR RECORD SHALL BEAR THE STAMP AND SIGNATURE OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.

CONTRACTOR IS RESPONSIBLE TO CHECK SHOP DRAWINGS, ETC., PRIOR TO SUBMITTAL TO ARCHITECT OR ENGINEER. SHOP DRAWINGS NOT CHECKED WILL BE RETURNED. CONTRACTOR SHALL VERIFY DIMENSIONS, QUANTITIES, AND COORDINATE WITH ALL OTHER TRADES.

CONSTRUCTION PROCEDURES & SAFETY REQUIREMENTS:

COMPLY WITH ALL APPLICABLE CITY, COUNTY, STATE, AND FEDERAL LAWS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS ADOPTED PURSUANT THERETO.

THE STRUCTURAL CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION, UNLESS NOTED OR INDICATED OTHERWISE.

ENGAGE PROPERLY QUALIFIED PERSONS TO DETERMINE WHERE AND HOW TEMPORARY PRECAUTIONARY MEASURES SHALL BE USED.

PROVIDE ALL MEASURES NECESSARY TO PROTECT THE WORKERS AND ALL OTHER PERSONS DURING CONSTRUCTION. PROVIDE ALL NECESSARY MEASURES TO AVOID EXCESSIVE STRESSES AND TO HOLD THE STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: BRACINGS, SHORING FOR CONSTRUCTION EQUIPMENT, SHORING FOR EARTH BANKS, FORMS, SCAFFOLDING, PLANKING, SAFETY NETS, SUPPORT AND BRACING FOR CRANES AND HOISTS, GUYING, ETC....

SUPERVISE AND DIRECT THE WORK SO AS TO MAINTAIN SOLE RESPONSIBILITY FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES.

OBSERVATION VISITS TO THE SITE BY STRUCTURAL ENGINEER'S FIELD REPRESENTATIVES SHALL NOT INCLUDE ABOVE NOTED ITEMS.

HISTORIC BRICK MASONRY:

MASONRY WORK SHALL BE IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1) UNLESS NOTED OTHERWISE. ALL WALLS SHALL BE BRACED IN ACCORDANCE WITH "STANDARD PRACTICE FOR BRACING WALLS UNDER CONSTRUCTION."

BRICK & MORTAR OF EXISTING STRUCTURE SHALL BE TESTED FOR BRICK TYPE, AGGREGATE SIZE, TEXTURE, GRADATION, AND COLOR TO MATCH BOTH PHYSICALLY AND VISUALLY WITH THE EXISTING BUILDING.

MATCH SIZE, TEXTURE, AND GRADATION OF EXISTING MORTAR SAND AS CLOSELY AS POSSIBLE. BLEND SEVERAL SANDS, IF NECESSARY, TO ACHIEVE SUITABLE MATCH.

MASONRY COMPONENTS SHALL CONFORM TO THE FOLLOWING:	
REINFORCING BARS	ASTM 615, GR. 50
MORTAR FOR BRICK LAYING [TYPE N; APPROX. PROPORTIONS = 1 CEMENT + 1 LIME + 6 SAND, U.N.O.]	ASTM C270
MORTAR FOR RE-POINTING [TYPE O; APPROX. PROPORTIONS = 1 CEMENT + 2 LIME + 9 SAND, U.N.O.]	ASTM C270
LIME PUTTY WHERE REQUIRED [APPROXIMATE PROPORTIONS = 0 CEMENT + 1 LIME + 3 SAND, U.N.O.]	ASTM C5
POTABLE WATER	ASTM C1602

PROVIDE CONTROL JOINTS AND EXPANSION JOINTS AS INDICATED ON ARCHITECTURAL DRAWINGS. WHERE JOINTS ARE NOT SHOWN, CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS PER ACI 530 AND 530.1 TO ARCHITECT FOR APPROVAL.

PROVIDE FLASHING, WEEPS, AND OTHER ITEMS TO BE BUILT INTEGRAL WITH THE WORK AS INDICATED ON ARCHITECTURAL DRAWINGS.

PROVIDE BRICK TIES TO ANCHOR MASONRY VENEER TO BACKUP MATERIALS AT NOT MORE THAN 16" ON CENTER EA. WAY

REFER TO LINTEL NOTES FOR CONCRETE MASONRY UNIT LINTELS AND REINFORCING.

CLEAN EXISTING BRICK FACE WITH:
 PROSOCO YANTRAL (OR SIMILAR), FOR SOFT AND/OR LIGHT COLORED BRICK AND MORTAR.
 PROSOCO 600 (OR SIMILAR), FOR HARD AND DARK COLORED BRICK AND MORTAR.

SEAL FACE OF BRICK w/ BREATHABLE SEALANT, OPTIONS INCLUDE:
 PROSOCO SILICANE
 SHERWIN WILLIAMS HB150
 PROSOCO BREATHABLE MASONRY COATING II
 SHERWIN WILLIAMS SHERLASTIC ELASTOMERIC

WATER REPELLENT SEALANTS NOT INTENDED TO BE USED IN LIEU OF WEEP HOLES/SCREENS. WEEPS STILL REQUIRED.

A TEST PANEL OF THE BUILDING IN AN INCONSPICUOUS LOCATION IS RECOMMENDED TO VERIFY APPEARANCE.

LINTELS:

PROVIDE LINTELS OVER ALL OPENINGS AND RECESSES 1'-0" OR WIDER IN MASONRY WALLS AS SCHEDULED. CONTACT ENGINEER FOR ALL UNIDENTIFIED LINTELS AND FOR ARCHITECTURAL, MECHANICAL OR ELECTRICAL OPENINGS.

LINTEL BEARING LENGTH SHALL BE THE GREATER OF 6" OR 1" PER FOOT OF CLEAR OPENING WIDTH AT EACH END UNLESS NOTED OTHERWISE.

WELD BACK-TO-BACK ANGLES WITH 3" WELDS. 12" ON CENTER TOP AND BOTTOM. WELD PLATES TO ROLLED SECTIONS WITH 3/16" x 3" FILLET WELDS AT 12" ON CENTER, EACH SIDE.

ALL LINTELS IN EXTERIOR WALLS SHALL BE HOT-DIPPED GALVANIZED. LINTELS IN OTHER LOCATIONS SHALL BE GALVANIZED OR PRIMED WITH ZINC ENRICHED PRIMER.

REINFORCED MASONRY LINTELS SHALL BE REINFORCED CONTINUOUSLY AND EXTEND 16" BEYOND JAMBS AT EACH END. INCLUDE MASONRY LINTELS ON SHOP DRAWINGS.

REINFORCED MASONRY LINTELS SHALL BE SHORED UNTIL MASONRY ABOVE LINTEL HAS CURED. SHORING SHALL NOT BE INTEGRAL WITH THE WORK.

FOR ALL OPENINGS NOT OTHERWISE DETAILED OR NOTED, MINIMUM LINTELS SHALL BE AS FOLLOWS FOR EACH 4" OF MASONRY WIDTH:

PL 5/16" x 1/2" LESS THAN WALL WIDTH FOR SPANS UP TO 2'-0" WIDE.

L3 1/2 x 3 1/2 x 5/16 FOR SPANS UP TO 4'-0" WIDE.

L4 x 3 1/2 x 5/16 FOR SPANS UP TO 6'-0" WIDE. (LLV)

L5 x 3 1/2 x 5/16 FOR SPANS UP TO 8'-0" WIDE. (LLV)

CONTRACTOR MAY SUBSTITUTE REINFORCED MASONRY LINTELS FOR MINIMUM STEEL LINTELS ABOVE FOR SPANS UP TO 4'-0". REINFORCED MASONRY LINTELS SHALL HAVE THE FOLLOWING MINIMUM REINFORCING: (1) #5 CONTINUOUS FOR EACH 4" OF MASONRY WIDTH.

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S "STEEL CONSTRUCTION MANUAL [AISC 325]" AND "SPECIFICATIONS FOR STEEL BUILDINGS [AISC 360]" UNLESS NOTED OTHERWISE.

HIGH STRENGTH BOLTING SHALL CONFORM TO RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", LATEST EDITION.

WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY "STRUCTURAL WELDING CODE" [AWS D1.1] CURRENT EDITION.

ALL STRUCTURAL STEEL SHALL MEET THE MATERIAL REQUIREMENTS AS SHOWN BELOW:

WIDE FLANGE SECTIONS	Fy = 50 ksi	ASTM A992
CHANNELS PLATES & ANGLES	Fy = 50 ksi	ASTM A572
STRUCTURAL PIPE	Fy = 35 ksi	ASTM A53, GRADE B
STRUCTURAL TUBE - RECTANGULAR	Fy = 46 ksi	ASTM A500, GRADE B
STRUCTURAL TUBE - ROUND	Fy = 42 ksi	ASTM A500, GRADE B
HIGH STRENGTH BOLTS	Fy = 36 ksi	ASTM A325, TYPE 1
ANCHOR RODS	Fy = 36 ksi	ASTM F1554

ALL SHOP CONNECTIONS SHALL BE WELDED, AND FIELD CONNECTIONS SHALL BE BOLTED, UNLESS NOTED OTHERWISE.

BOLTED CONNECTIONS SHALL BE SHUO TIGHTENED JOINTS WITH BEARING TYPE THREAD CONDITIONS [TYPE N] MINIMUM SIZE OF BOLTS SHALL BE 3/4" DIAMETER, AND EACH CONNECTION SHALL HAVE MINIMUM OF 2 BOLTS, WITH ONE HARDENED WASHER PER BOLT. SHORT-SLOTTED HOLES TO ACCOUNT FOR FIELD TOLERANCE IS ACCEPTABLE, EXCEPT @ MOMENT CONNECTIONS & OTHER LOCATIONS IDENTIFIED.

WHEN STEEL BEAM CONNECTIONS ARE NOT DETAILED, PROVIDE CONNECTIONS CAPABLE OF SUPPORTING THE REACTIONS INDICATED OR 50% OF THE ALLOWABLE UNIFORM LOAD AS SHOWN IN AISC "MAXIMUM UNIFORM LOAD TABLES". REACTIONS, WHEN SHOWN, ARE IDENTIFIED.

UNLESS NUMBER OF BOLTS IS SPECIFICALLY CALLED OUT, DETAILS OF BOLTED CONNECTIONS ARE NOT INTENDED TO SHOW EXACT NUMBER OF BOLTS, BUT ARE INTENDED TO BE SYMBOLIC ONLY. PROVIDE NUMBER OF BOLTS TO SUPPORT REQUIRED REACTION.

SEQUENCE WELDS TO AVOID DISTORTION OF MEMBERS. DO NOT WELD OR BOLT UNTIL MEMBER IS PROPERLY ALIGNED AND SECURED IN ITS FINAL POSITION.

ALL WELDING TO BE DONE BY AWS CERTIFIED WELDERS WITH EXPERIENCE AND CERTIFICATION IN WELDS BEING PERFORMED. ALL ELECTRODES SHALL BE E70 SERIES UNLESS NOTED OTHERWISE.

WELDS NOT OTHERWISE NOTED SHALL BE 3/16" CONTINUOUS FILLET WELDS. PARTIAL AND/OR FULL PENETRATION WELDS SHALL BE FULLY DETAILED ON SHOP DRAWINGS.

APPROVED AND DESIGNED OPENINGS IN STEEL MEMBERS SHALL BE SHOWN ON SHOP DRAWINGS. CUTTING OR BURNING HOLES IN FIELD IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

PROVIDE STEEL EMBED PLATES FOR CONNECTION OF STEEL JOISTS, BEAMS, AND MISCELLANEOUS MEMBERS TO CAST-IN-PLACE CONCRETE. AS DETAILED. ALL STEEL HEADED STUD ANCHORS SHALL BE IN ACCORDANCE WITH ASTM A108 & AWS D1.1.

PROVIDE BEARING PLATES FOR ALL STEEL JOISTS, BEAMS OR COLUMNS BEARING ON CONCRETE OR MASONRY WALLS. BEAR BEAMS FOR A MINIMUM OF 8" AND ANCHOR TO WALL WITH (2) 5/8" DIA. x 12" ANCHOR RODS UNLESS DETAILED OTHERWISE.

FASTEN STRUCTURAL STEEL MEMBERS TO MASONRY WITH EXPANSION ANCHORS OR ADHESIVE ANCHORS AT GROUTED CELLS AND ADHESIVE ANCHORS WITH SCREEN TUBES AT NON-GROUTED CELLS.

PROVIDE ONE COAT OF SHOP APPLIED RUST INHIBITIVE PRIMER TO ALL STRUCTURAL MEMBERS. DO NOT PAINT SURFACES TO BE GALVANIZED, FIELD WELDED, EMBEDDED IN CONCRETE OR MASONRY, CONTACT SURFACES OF FRICTION CONNECTIONS, AND SURFACES TO RECEIVE SPRAY ON FIREPROOFING.

ALL STRUCTURAL STEEL LOCATED IN EXTERIOR WALLS OR PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.

WOOD FRAMING:

ALL WOOD CONSTRUCTION TO BE DONE ACCORDING TO CHAPTER 23 OF THE IBC AND NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION [NDS 2018].

WALL STUD FRAMING: PROVIDE LUMBER AND MATERIALS MEETING OR EXCEEDING THE FOLLOWING STANDARDS OF QUALITY AND MINIMUM BASE DESIGN VALUES: VISUALLY GRADED DOUGLAS FIR-LARCH NO. 2 OR BETTER.

900	psi	EXTREME FIBER STRESS IN BENDING (SINGLE): Fd
1,350	psi	COMPRESSION PARALLEL TO GRAIN: Fc
1,600,000	psi	MODULUS OF ELASTICITY: E

SAWN LUMBER HEADERS, BEAMS, AND JOISTS: PROVIDE LUMBER AND MATERIALS MEETING OR EXCEEDING THE FOLLOWING STANDARDS OF QUALITY AND MINIMUM BASE DESIGN VALUES: VISUALLY GRADED DOUGLAS FIR-LARCH NO. 2 OR BETTER.

900	psi	EXTREME FIBER STRESS IN BENDING: Fd
1,350	psi	COMPRESSION PARALLEL TO GRAIN: Fc
1,600,000	psi	MODULUS OF ELASTICITY: E

ALL HEADERS, BEAMS, AND JOISTS SHALL BE FREE FROM SPLITS, CHECKS AND SHAKES.

PRESERVATIVE PRESSURE TREATED FRAMING LUMBER: PROVIDE LUMBER AND MATERIALS MEETING OR EXCEEDING THE FOLLOWING STANDARDS OF QUALITY AND MINIMUM BASE DESIGN VALUES: VISUALLY GRADED SOUTHERN PINE NO. 2 OR BETTER:

975	psi	EXTREME FIBER STRESS IN BENDING (SINGLE): Fd
1,450	psi	COMPRESSION PARALLEL TO GRAIN: Fc
1,600,000	psi	MODULUS OF ELASTICITY: E

ALL PRESERVATIVE PRESSURE TREATED LUMBER SHALL CONFORM TO AWPA STANDARDS.

LAMINATED VENEER LUMBER (LVL) HEADERS AND BEAMS: PROVIDE LUMBER AND MATERIALS MEETING OR EXCEEDING THE FOLLOWING STANDARDS OF QUALITY AND MINIMUM BASE DESIGN VALUES:

2,400	psi	FLEXURAL STRESS: Fd
2,510	psi	COMPRESSION PARALLEL TO GRAIN: Fc
1,900,000	psi	MODULUS OF ELASTICITY: E
118,750	psi	SHEAR MODULUS OF ELASTICITY: G

ALL FASTENERS TO BE GALVANIZED IN AREAS DIRECTLY EXPOSED TO EXTERIOR ELEMENTS OR PRESERVATIVE PRESSURE TREATED MATERIAL.

ALL NAILED AND GLUED MEMBERS TO BE IN CLEAN AND DRY CONDITION PRIOR TO GLUING. ADHESIVE SHALL COMPLY WITH ANSI/AITC A190.11-1983.

PLYWOOD AND BUILT UP BEAMS TO BE IN COMPLIANCE WITH IBC STD.#25-18.

ALL WOOD FRAMING MEMBERS TO HAVE A MOISTURE CONTENT NOT TO EXCEED 19%.

ALL ROOF AND WALL SHEATHING TO BE 5/8" APA RATED UNLESS NOTED OTHERWISE.

SHEATHING ON WALLS TO HAVE STAGGERED VERTICAL JOINTS.

ALL MANUFACTURED FLOOR JOISTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

PROVIDE SOLID WOOD BLOCKING IN FLOOR SYSTEM WHERE CONCENTRATED LOADS OCCUR SO AS TO TRANSFER LOAD TO FRAMED WALL, BEAM, HEADER, OR FOUNDATION WALL BELOW.

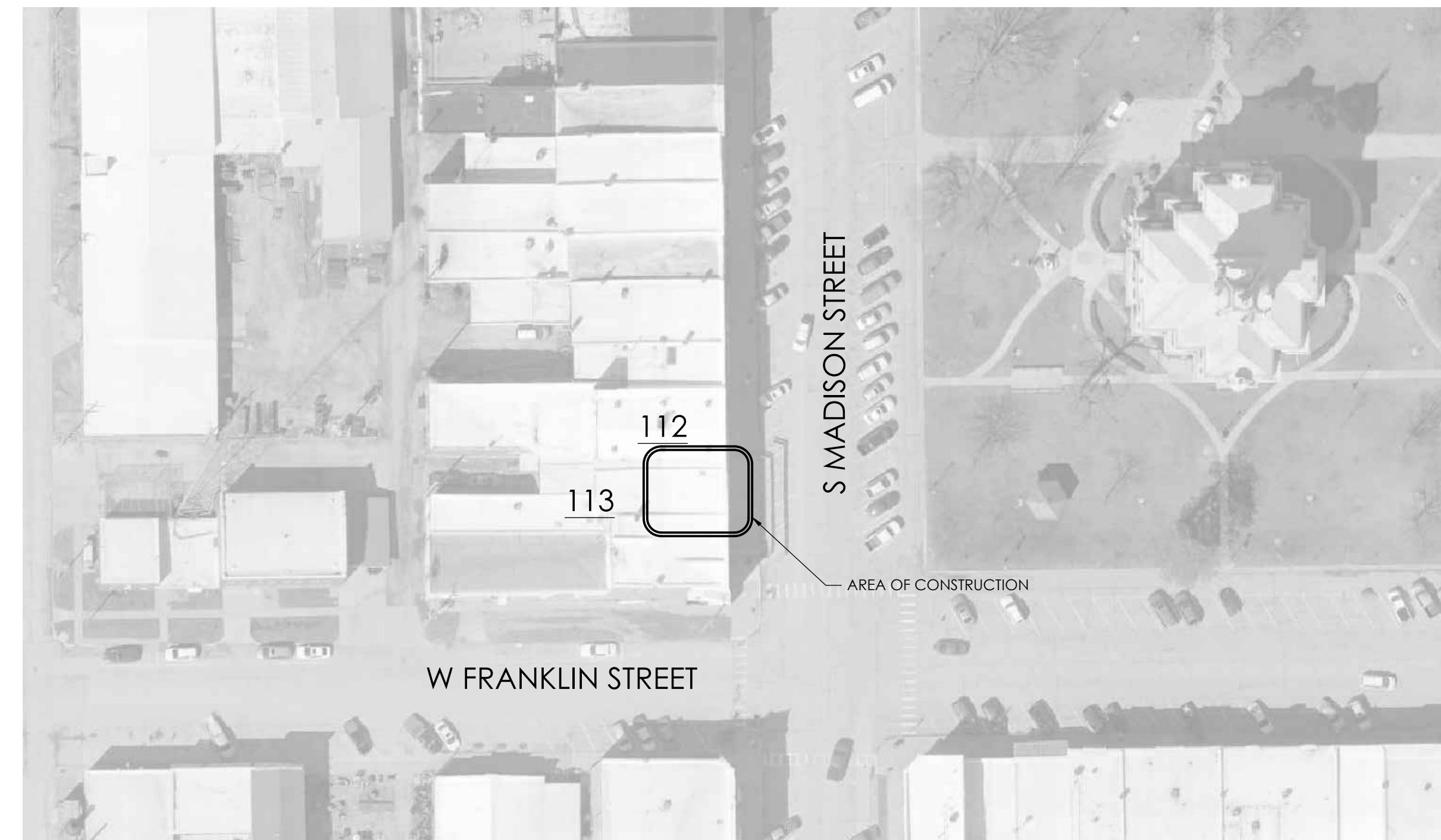
NAILED AND STAPLES SHALL CONFORM TO REQUIREMENTS OF ASTM F 1667.

CONNECTIONS AND FASTENERS: NUMBER AND SIZE SHALL NOT BE LESS THAN THAT SET FORTH IN TABLE 2304.10.1 OF THE IBC

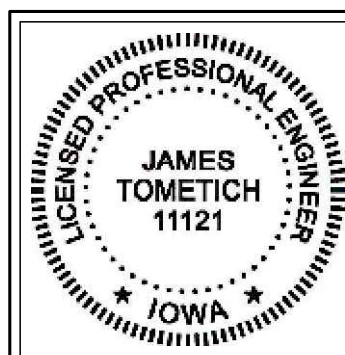
ALL LAG SCREW CONNECTIONS TO BE PRE-DRILLED.

ALL GRIDERS, BEAMS, AND HEADERS TO BE SUPPORTED BY A MIN. OF 3 STUDS (2 CRIPPLE, 1 KING)

ALL MULTI-PLY MEMBERS ARE TO BE CONNECTED TOGETHER ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO ACT AS ONE SOLID MEMBER.



AREA PLAN
SCALE: N.T.S.



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
 THIS NOTICE COVERS DRAWINGS S1-S3

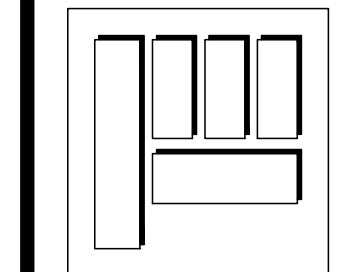
SIGNATURE: JAMES E. TOMETICH, P.E.
 NAME: JAMES E. TOMETICH, P.E.
 DATE: 11121

MY REGISTRATION EXPIRES ON 31-DECEMBER-2020

DRAWING INDEX:

- S1: GENERAL NOTES & KEY PLAN
- S2: PLAN VIEWS
- S3: SECTION AND ELEVATION

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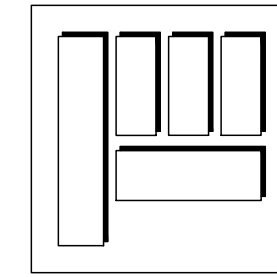
TEMPORARY SHORING AND MASONRY REPAIRS
 113 S MADISON STREET
 BLOOMFIELD, IOWA

ISSUE / REVISION	No.	Description	Date
FOR BID			10-27-2020

DATE: 10-27-2020
 FILE: U20-299
 ENG: JET DSN: CJA

S1

FOR BID



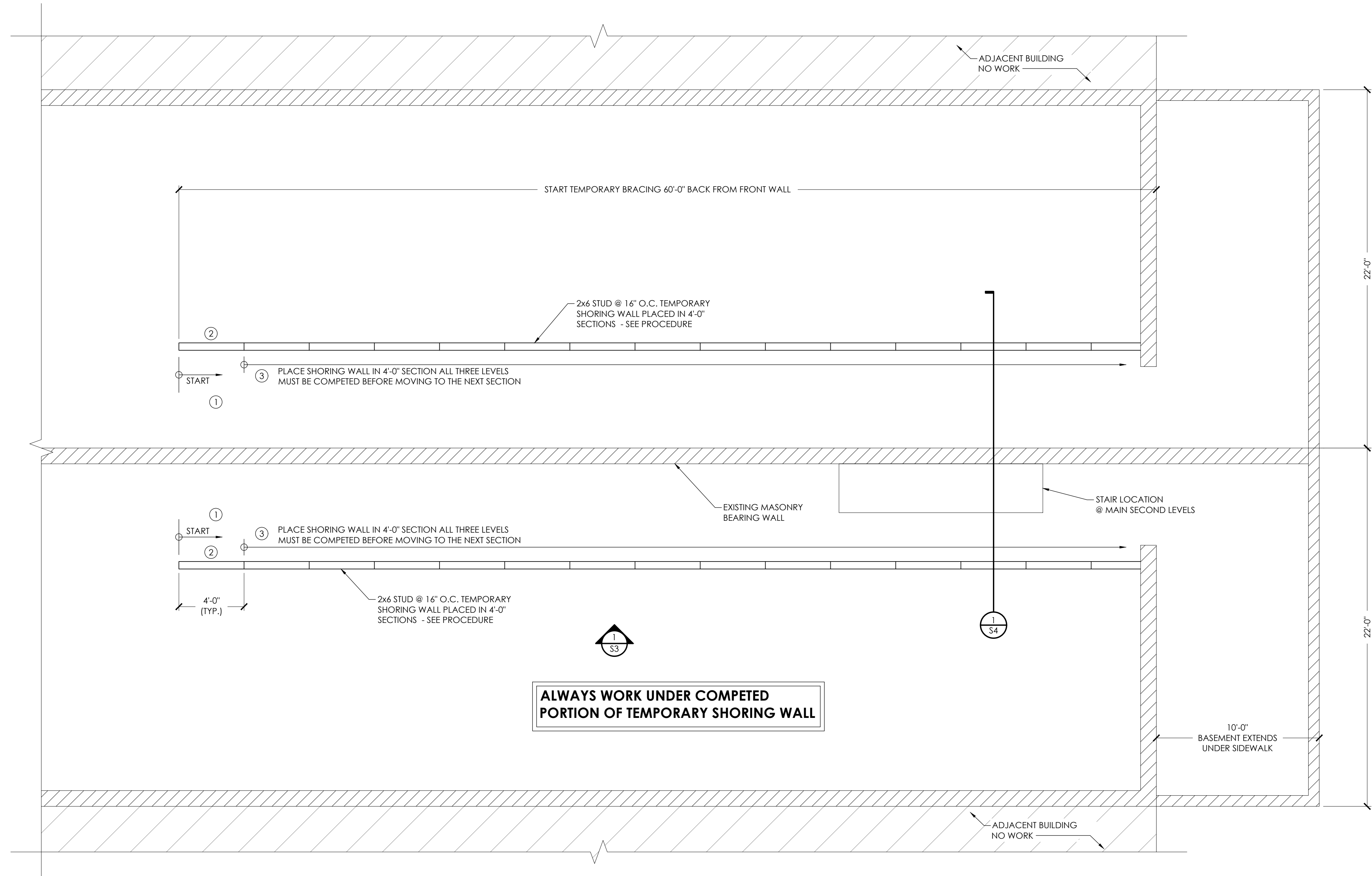
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No.	FOR BID	10-27-2020

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S2

PROCEDURE

- ① START SHORING 60'-0" IN FROM FRONT WALL AS SHOWN ON PLAN
- ② PLACE FIRST 4'-0" SECTION OF SHORING ON ALL 3 LEVELS AS SHOWN IN ELEVATION CANTILEVER TRIPLE LVL @ TOP OF WALL INTO NEXT SECTION OF SHORING WALL
- ③ CONTINUE TO PLACE SHORING WALLS IN 4'-0" SECTIONS @ EACH LEVEL

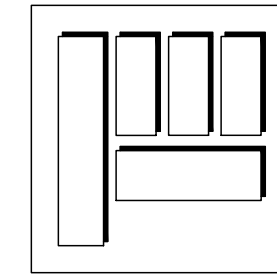


ALWAYS WORK UNDER COMPETED PORTION OF TEMPORARY SHORING WALL

BUILDING IS NOT TO BE OCCUPIED, TEMPORARY SHORING IS FOR NONPERMANENT STABILIZATION ONLY. PERMANENT REPAIRS ARE REQ'D TO ALLOW BUILDING TO BE OCCUPIED.

SHORING PLAN FOR BASEMENT, MAIN FLOOR, AND SECOND FLOOR
 SCALE: 1/4" = 1'-0"

FOR BID



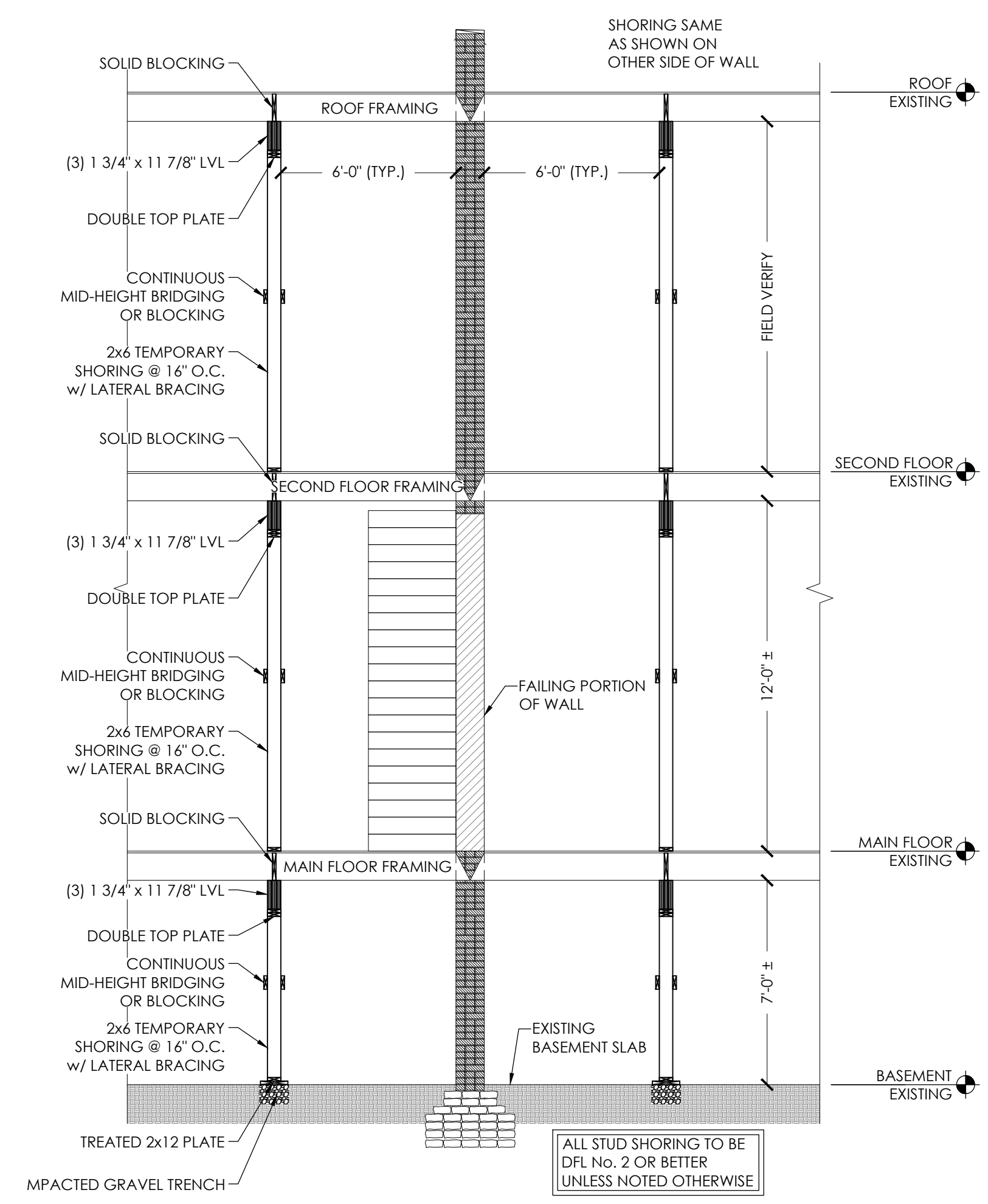
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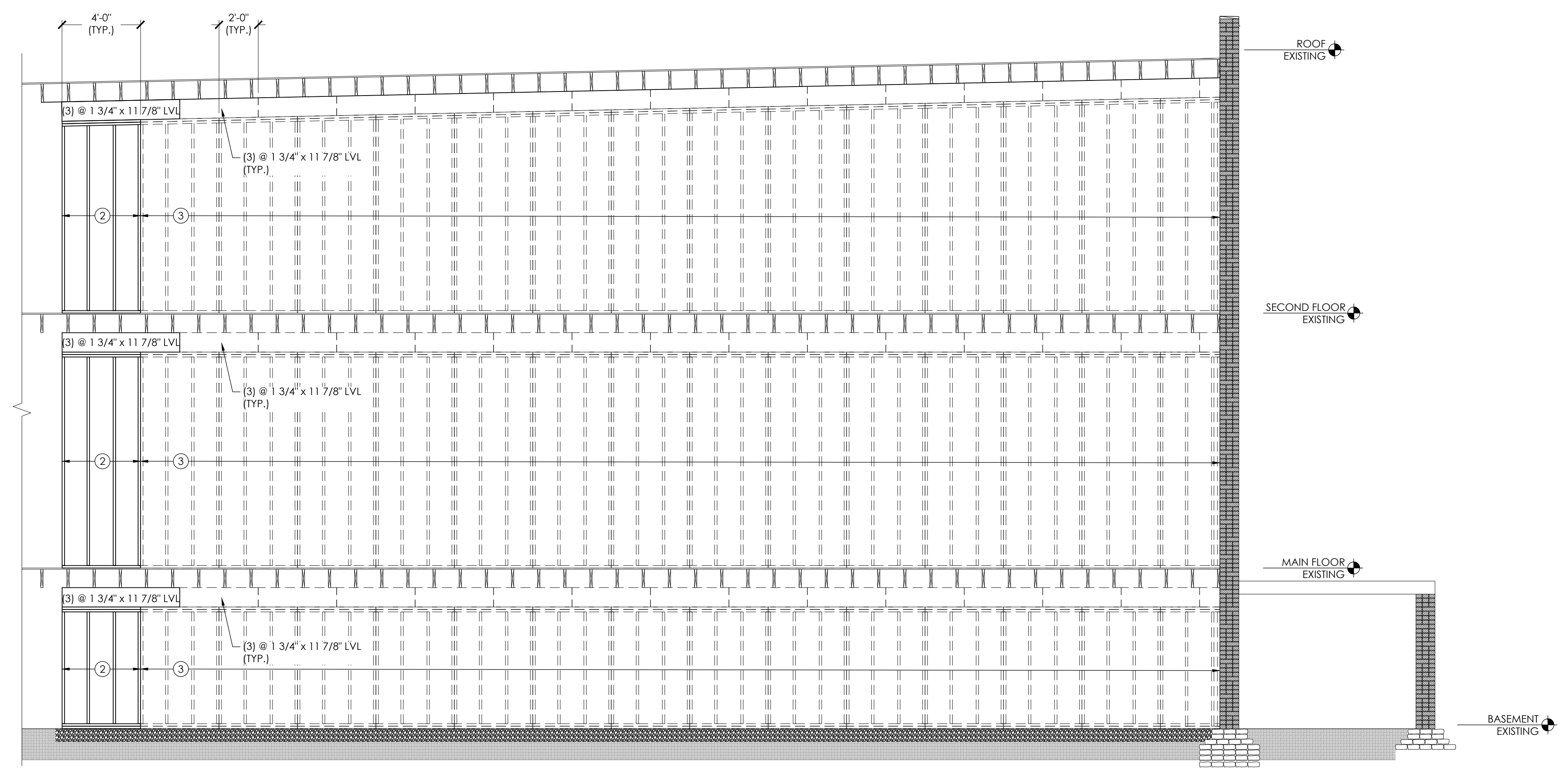
S3

PROCEDURE

- ① START SHORING 60'-0" IN FROM FRONT WALL AS SHOWN ON PLAN
- ② PLACE FIRST 4'-0" SECTION OF SHORING ON ALL 3 LEVELS AS SHOWN IN ELEVATION
CANTILEVER TRIPLE LVL @ TOP OF WALL INTO NEXT SECTION OF SHORING WALL
- ③ CONTINUE TO PLACE SHORING WALLS IN 4'-0" SECTIONS @ EACH LEVEL



SHORING SECTION
 SCALE: 1/4" = 1'-0"
 2
 S3



SHORING ELEVATION
 SCALE: 1/4" = 1'-0"
 1
 S3

FOR BID