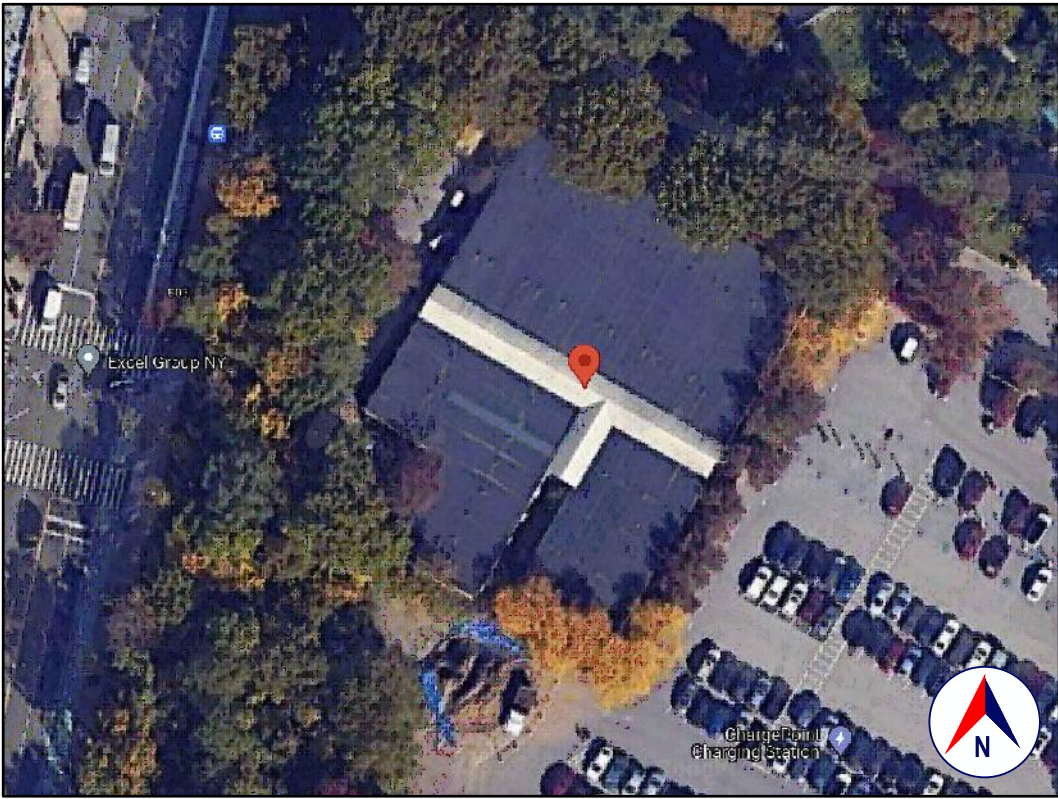
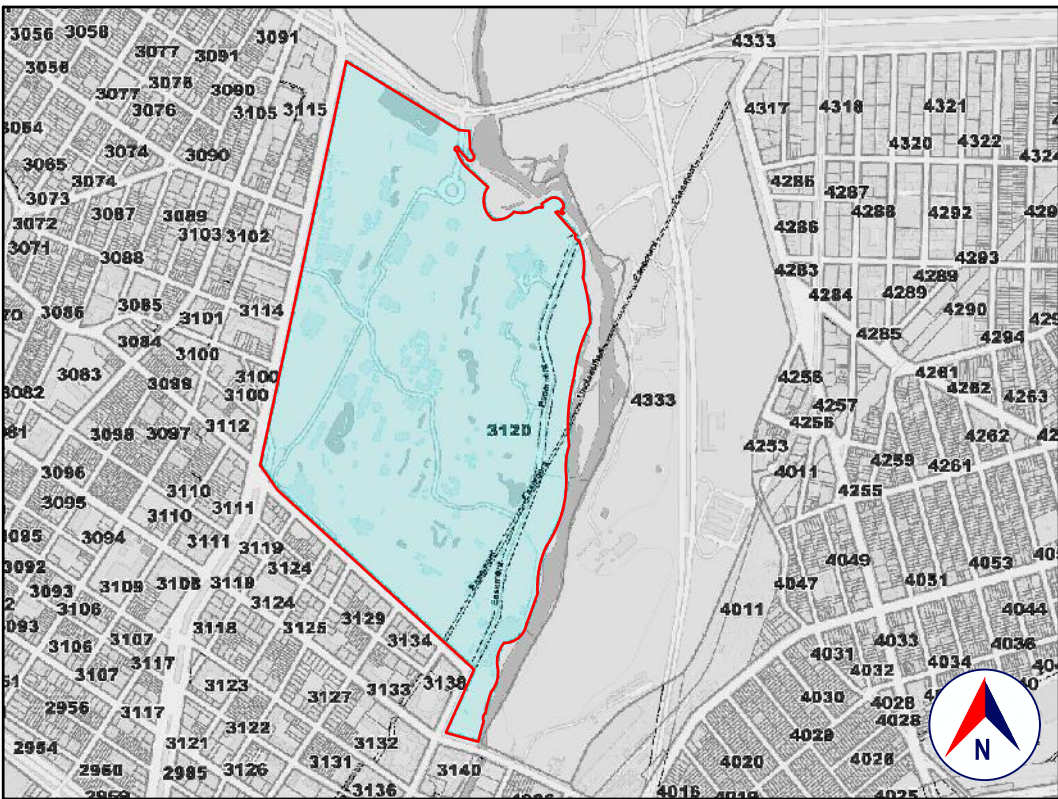


LOCATION
GOOGLE MAPS



SATELLITE VIEW
GOOGLE EARTH



TAX MAP
NYC DEPARTMENT OF FINANCE



FRONT VIEW
GOOGLE STREET VIEW

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.

REFER TO THE JBI ENGINEERING DRAWINGS FOR ALL SITE-RELATED 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:

THE PROPOSED WORK IS OUTSIDE OF THE EXISTING BUILDING ENVELOPE; THE CODES REFERENCED BELOW APPLY TO ALL PROPOSED WORK.

CONSTRUCTION TYPE: N.A. AS DEFINED IN TABLE 601
YEAR BUILT: 1899 (PER NYC DEPARTMENT OF FINANCE)
ZONING: PARK
OCCUPANCY CLASSIFICATION: Q1 - PARKS/RECREATION FACILITY
ARCHITECTURAL REVIEW: REFER TO ARCHITECTURAL DRAWINGS

1.3 COMPLIANCE:

ALL WORK SHALL BE IN COMPLIANCE WITH THE FOLLOWINGS CODES:

- GENERAL: 2022 NEW YORK CITY BUILDING CODE (INTERNATIONAL BUILDING CODE 2015 WITH AMENDMENTS).
- EXISTING: NOT APPLICABLE TO THESE DRAWINGS.
- PLUMBING: NOT APPLICABLE TO THESE DRAWINGS.
- ELECTRICAL: NOT APPLICABLE TO THESE DRAWINGS.
- DRAINAGE: NOT APPLICABLE TO THESE DRAWINGS.
- MUNICIPAL: CODE OF THE CITY OF NEW YORK.
- OTHER: ALL REFERENCED CODES, OTHER CODES AND REGULATIONS, FEDERAL, STATE AND LOCAL, THAT MAY APPLY.
- FORM/WORK SHALL BE ERRECTED IN ACCORDANCE WITH ACI 301, ACI 318 AND ACI SP-4.

1.4 AUTHORITY HAVING JURISDICTION:

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

REFER TO THE JBI ENGINEERING DRAWINGS FOR ALL SITE-RELATED ISSUES

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 LOADING:

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:

	PSF
USE:	
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 W/LIMITED STORAGE:	20	
HABITABLE ATTICS & ATTICS W/EXTD STAIRS:	30	
EXTERIOR BALCONIES & DECKS:	40	
FIRE ESCAPES:	40	
GUARDS & HANDRAILS:	200	(CONCENTRATED)
GUARD IN-FILL COMPONENTS:	50	(HORIZONTAL)
PASSENGER VEHICLE GARAGE:	50	(82,000LB/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 AN AS FOLLOWS:

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
RAFTERS HAVING SLOPES GRATER THAN 3:12 WHIT FINISHED	L/180
CEILING NOT ATTACHED TO RAFTERS	H/180
INTERIOR WALLS AND PARTITIONS	L/360
FLOORS	L/360
CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)	L/240
CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)	L/240
ALL OTHER STRUCTURAL MEMBERS	L/360
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

CLIMATE AND GEOGRAPHIC DESIGN CRITERIA									
LOCATION: CITY OF NEW YORK					ZIP CODE: 10460				
PER 2020 RESIDENTIAL CODE OF NEW YORK STATE, TABLE 301.2(1)					(WIND) EXPOSURE CATEGORY: B				
CLIMATE ZONE: 4A									
GROUND SURFACE WIND SPEED TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION (SEAS ZONE)	UNDERLINE WIND REGION (SEAS ZONE)	SEISMIC DESIGN CATEGORY	HEAVYNESS	FROST LINE DEPTH	TEMPERATURE	ICE BARRELS REQUIRED	LOAD HAIRNESS	WIND FREQUENCY INDEX
30 PSF	115-120	NO	NO	NO	C	SEVERE	2'-4"	MOD/SEVERE	15
YES	NO	NO	NO	NO	NO	NO	NO	NO	NO

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.
- HAVE CONTROL OVER AND SUPERVISE AND DIRECT THE WORK, INCLUDING THAT OF ITS SUBCONTRACTORS, AND BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR JOBSITE SAFETY, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 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.
- IF APPLICABLE, PROVIDE WEATHER PROTECTION, IN AN EFFECTIVE AND TIMELY MANNER, TO PROTECT THE PREMISES, PERSONNEL, MATERIALS AND INSTALLED WORK/DWGP.
- 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 CITY OF NEW YORK FOR A BUILDING PERMIT.
- THE CITY OF NEW YORK 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.

N.A. OF THE CITY OF NEW YORK.

N.A.
N.A.
TEL: N.A.
EMAIL: n.a.
WEB SITE: n.a.

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 CITY OF NEW YORK 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 CITY OF NEW YORK:

- 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 CITY OF NEW YORK.

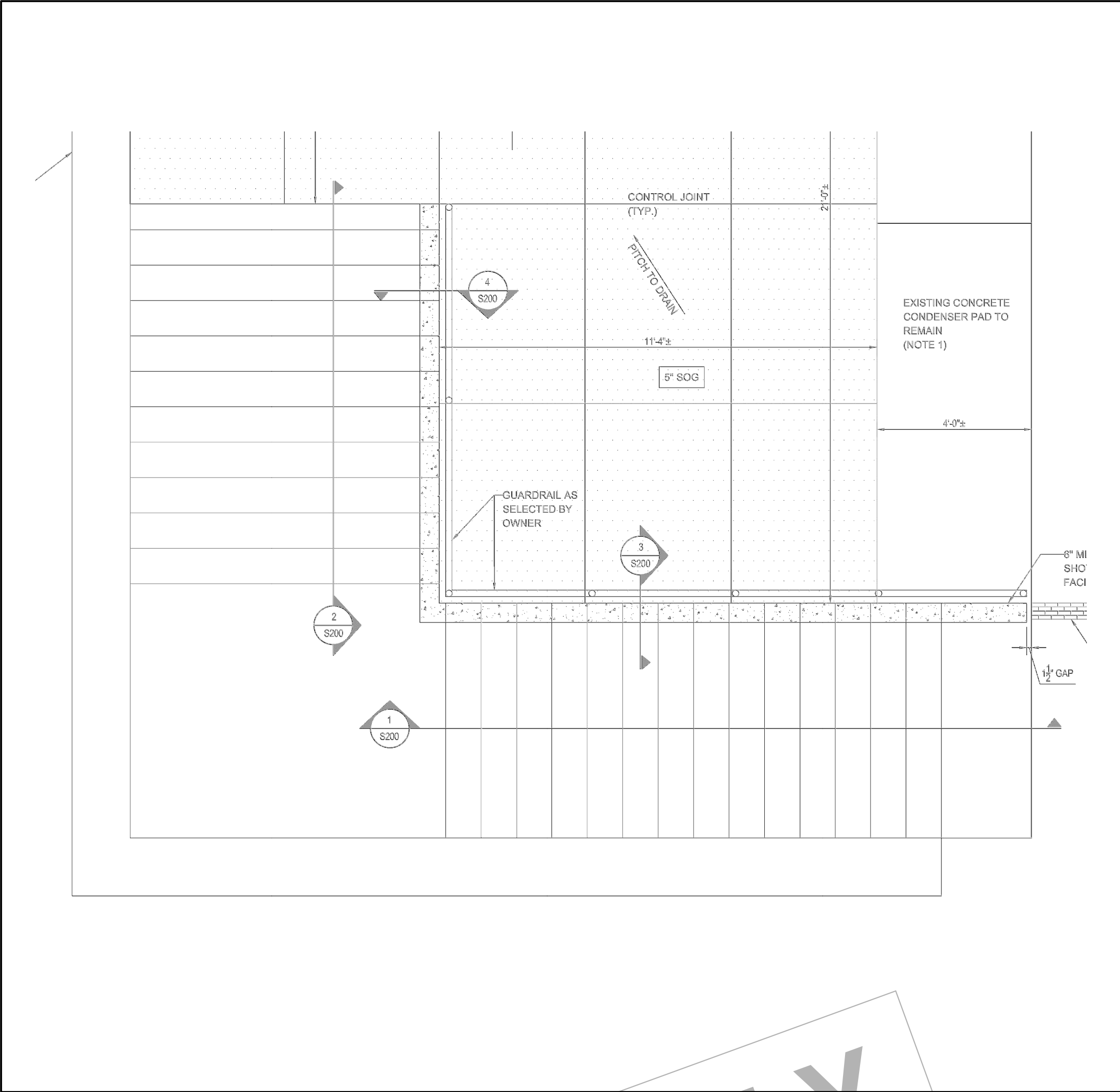
A SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE CITY OF NEW YORK.

*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.



PLAN
NOT TO SCALE



EXISTING CONDITION
CLIENT-SUPPLIED IMAGE

STATEMENT OF DESIGN PROFESSIONAL:

- THESE PLANS HAVE BEEN PREPARED IN CONFORMANCE WITH 2022 NEW YORK CITY BUILDING CODE (INTERNATIONAL BUILDING CODE 2015 WITH AMENDMENTS).
- TO THE BEST OF MY KNOWLEDGE AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN CONFORMANCE WITH THE 2020 ENERGY CONSERVATION CODE OF THE STATE OF NEW YORK.

VINCENT COAKLEY, P.E.

(STAMP AFFIXED AND SIGNED)

LIST OF DRAWINGS

SHEET	DRAWING NAME	DATE	REVISION
C-01	COVER SHEET	07.31.2024	10.16.2024
S-01	PLAN	07.31.2024	10.16.2024
S-02	DETAILS	07.31.2024	10.16.2024

PROPERTY ADDRESS:

BRONX, NYC 10460
(CITY OF NEW YORK)

BOROUGH-BLOCK-LOT:

CLIENT:

TEL:

EMAIL:

DATE:

07.31.2024
10.16.2024

ISSUE:

PRELIMINARY
FOR REVIEW

PROJECT NAME:

FORMWORK DRAWINGS

DRAWING NAME:

COVER SHEET

DRAWING NUMBER:

C-01

DATE:

07.31.2024

SCALE:

AS NOTED

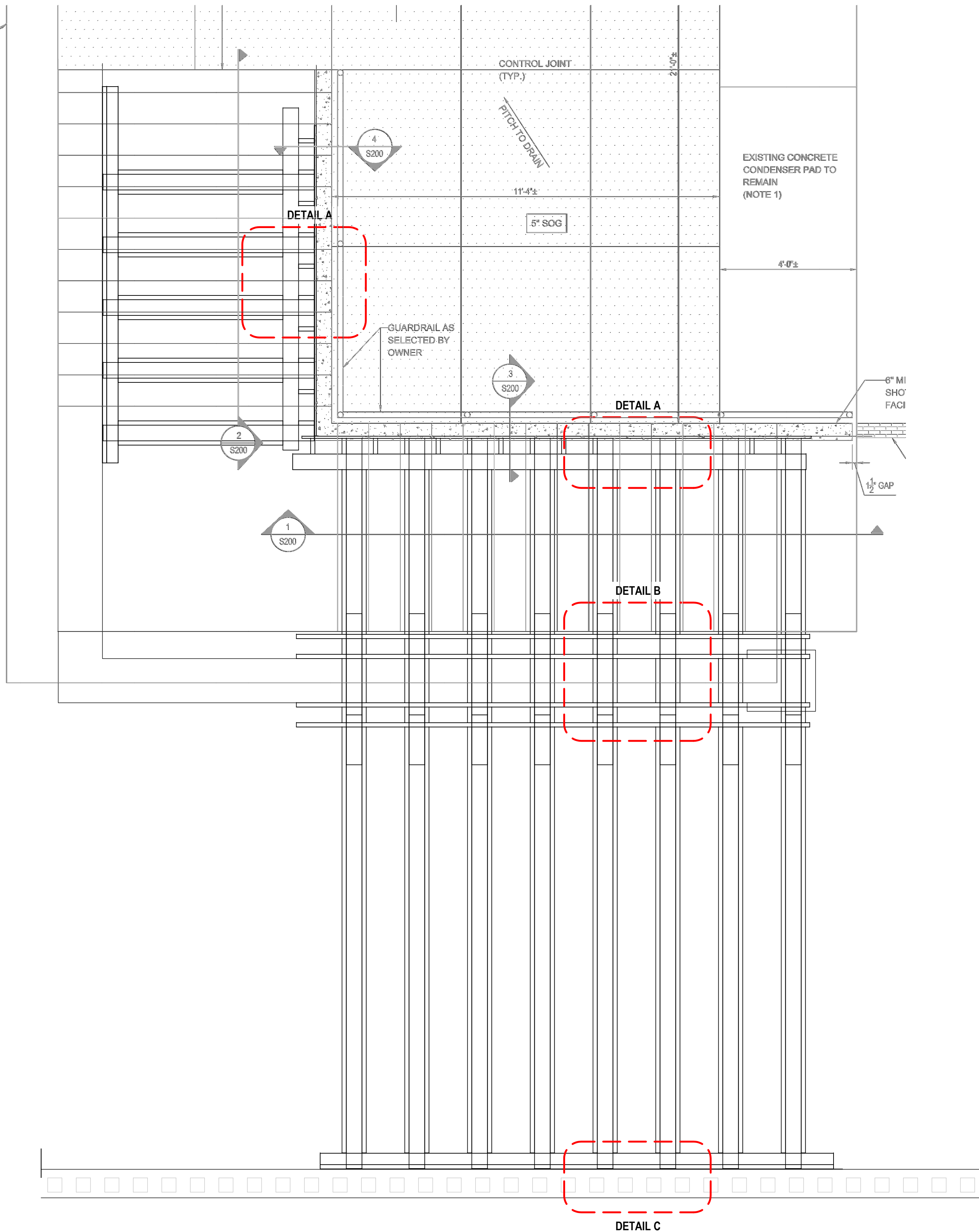
NOTE:

THIS DRAWING IS VALID FOR CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE CITY OF NEW YORK.

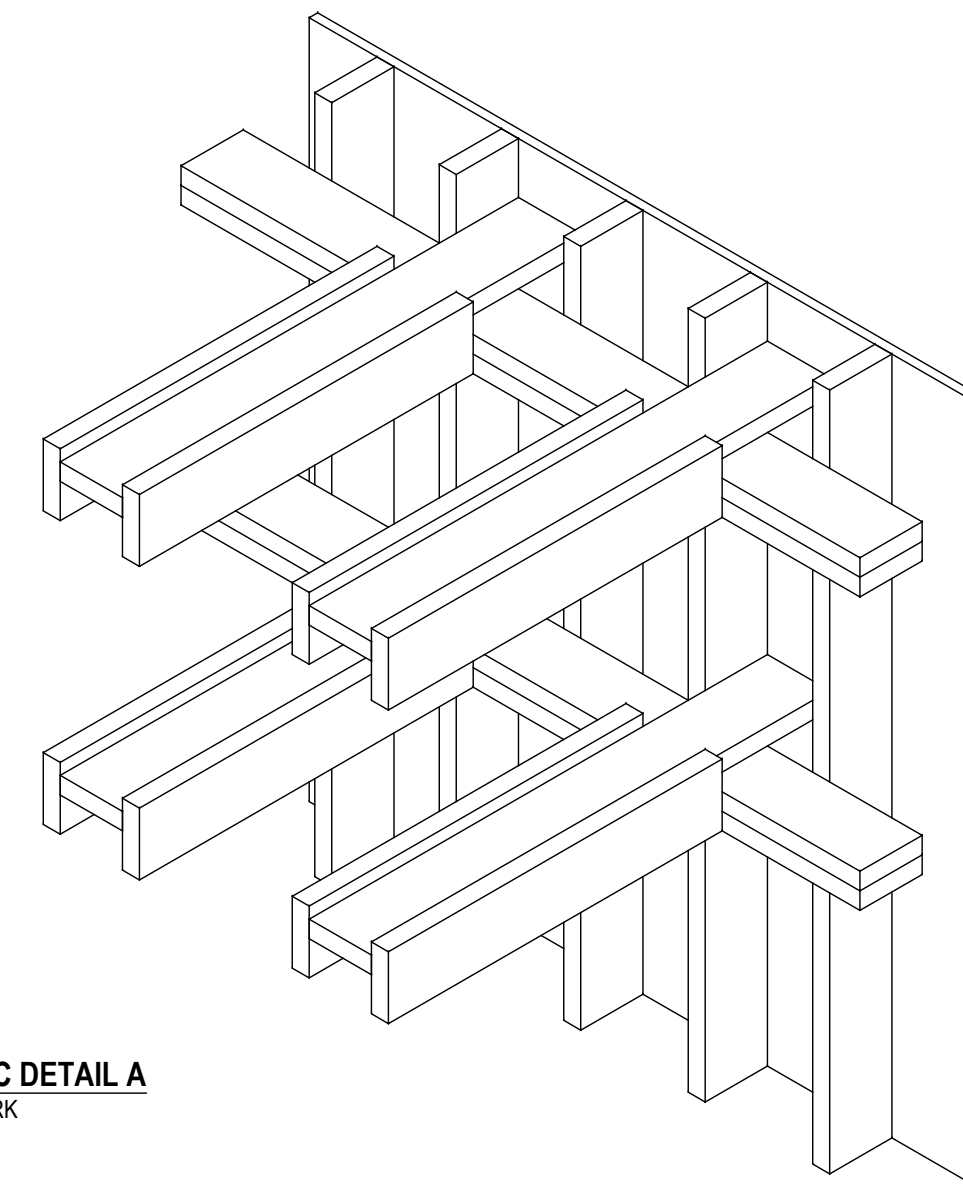
Oliver Engineering, P.C.

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

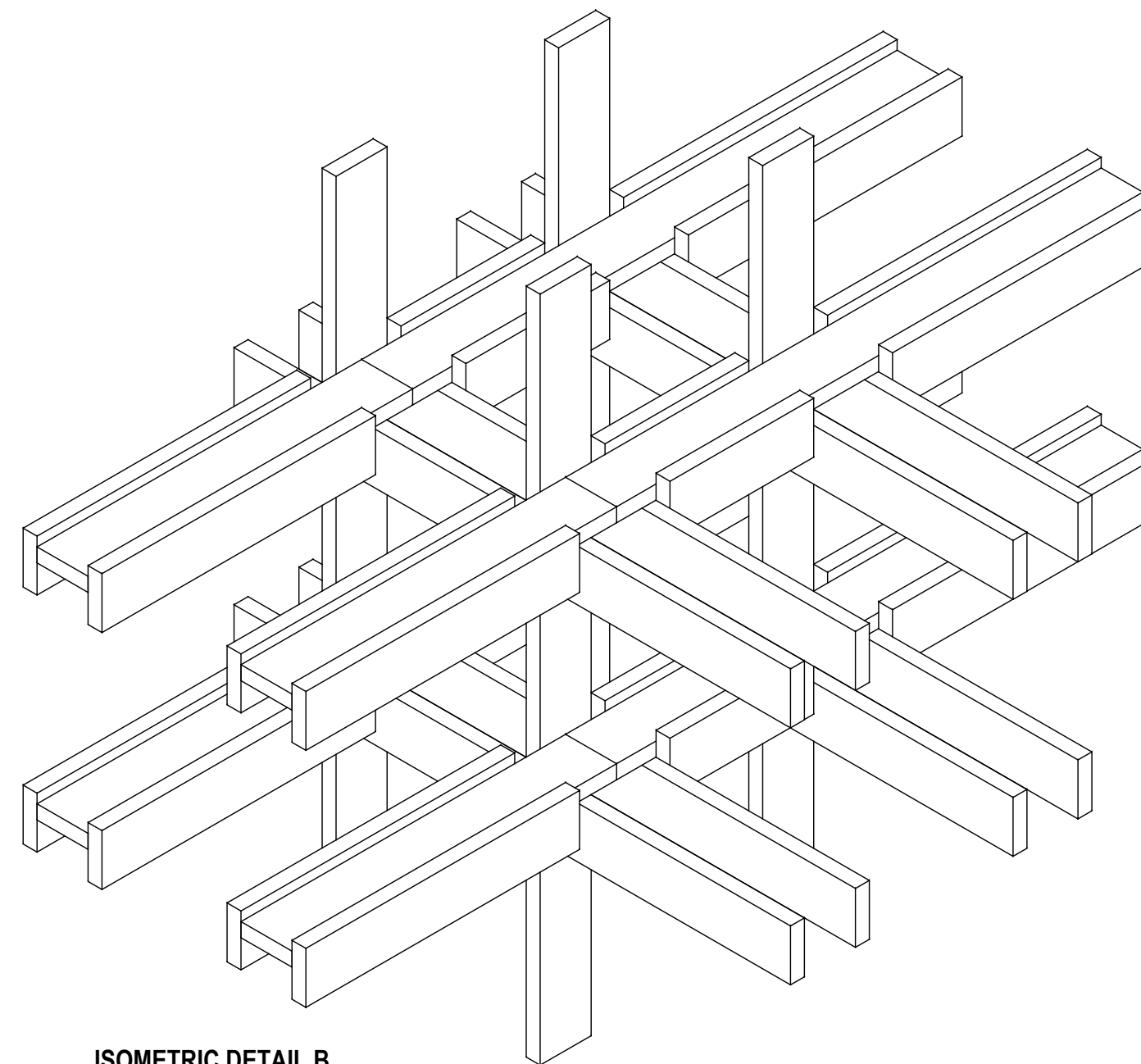




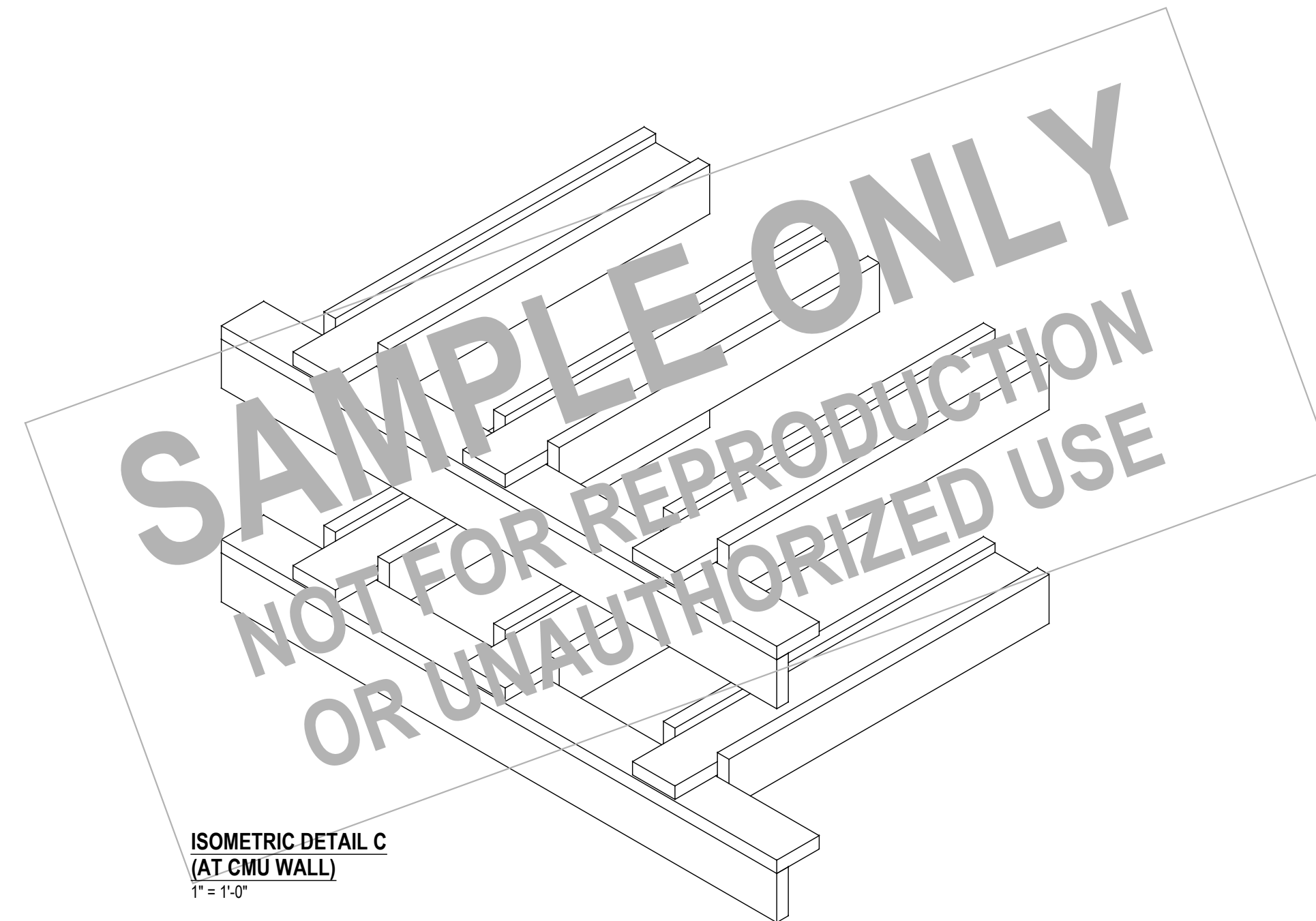
BRACING PLAN
ENGINEER DRAWING UNDERLAID
1/2" = 1'-0"



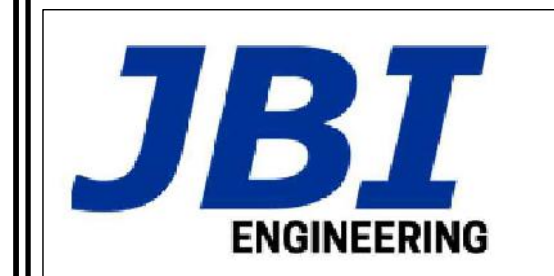
ISOMETRIC DETAIL A
AT FORMWORK
1" = 1'-0"



ISOMETRIC DETAIL B
(AT INTERMEDIATE WALL)
1" = 1'-0"



ISOMETRIC DETAIL C
(AT CMU WALL)
1" = 1'-0"



PROPERTY ADDRESS:

BRONX, NYC 10460
(CITY OF NEW YORK)

BOROUGH-BLOCK-LOT:

CLIENT:

TEL: ***
EMAIL:

DATE: 07.31.2024
10.16.2024
ISSUE: PRELIMINARY
FOR REVIEW

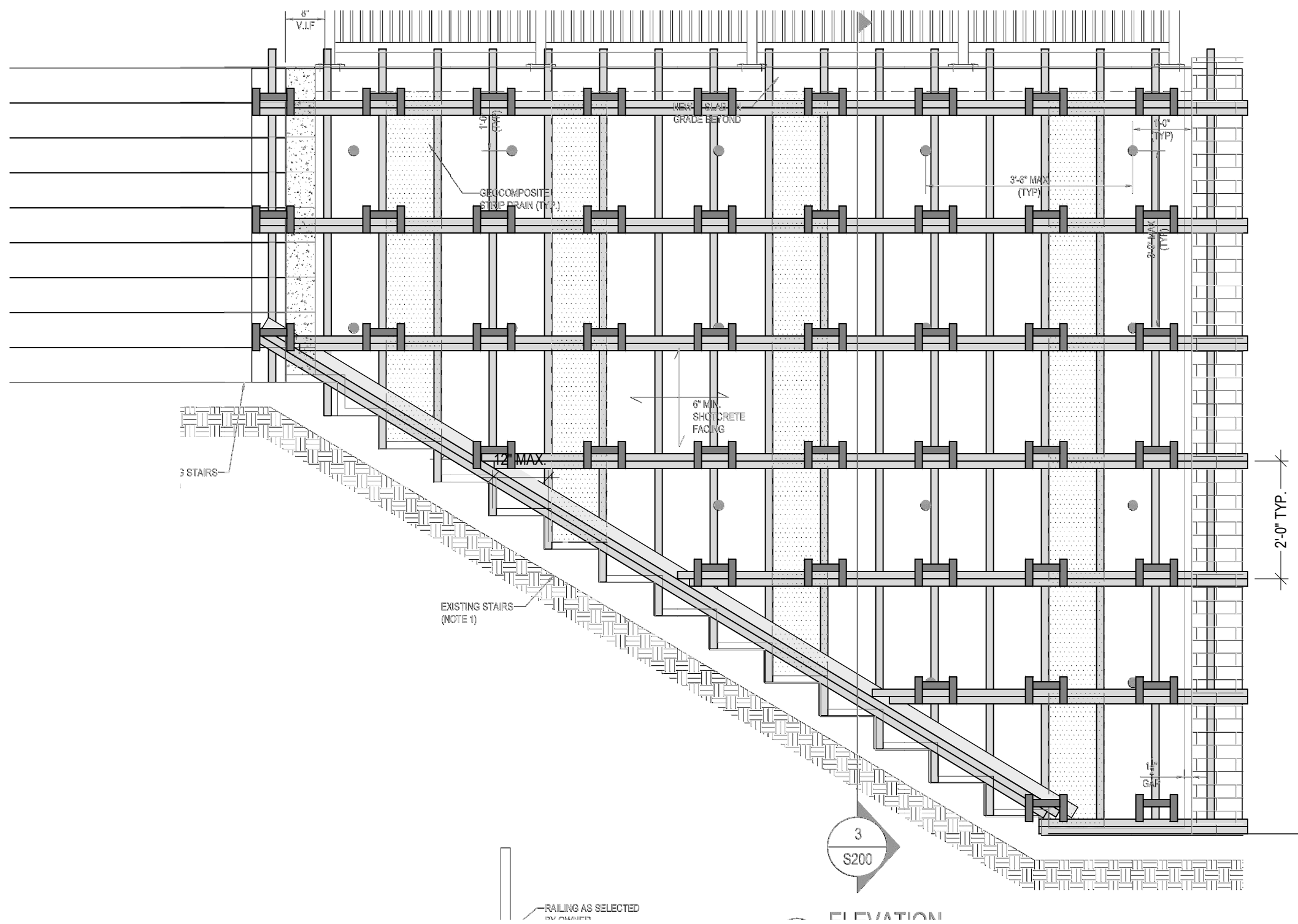
PROJECT NAME:
FORMWORK DRAWINGS

DRAWING NAME:
PLAN

DRAWING NUMBER:
S-01

DATE:
07.31.2024
SCALE:
AS NOTED

NOTE:
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CONSTRUCTION IF (AND ONLY IF) A
PERMIT IS ISSUED, BASED ON THIS
DRAWING, BY THE CITY OF NEW YORK.

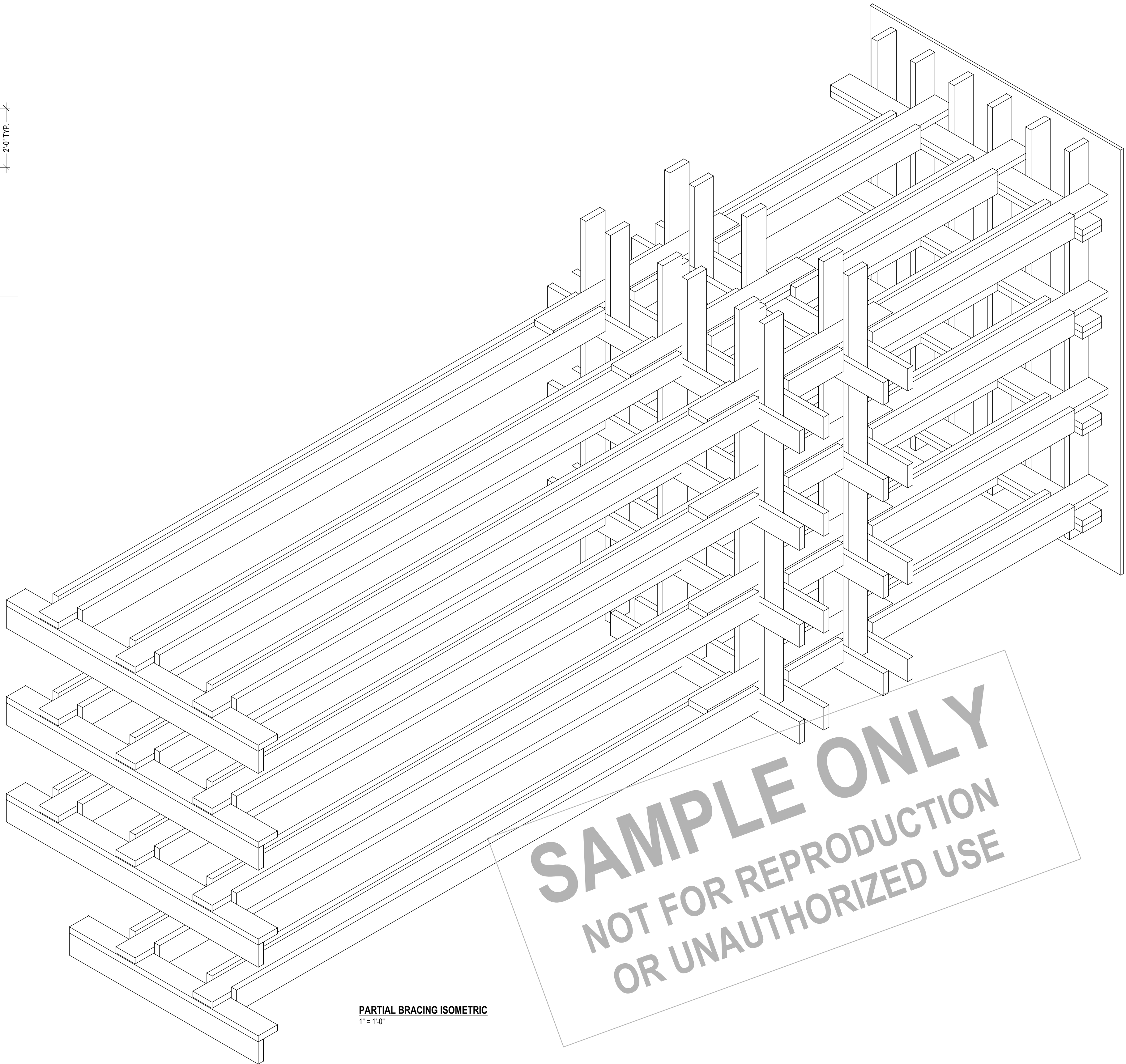


SECTION THRU BRACING
(ENGINEER DRAWING UNDERLAIN)
1/2" = 1'-0"

NOTES:
ALL DETAILS TO BE PER APPROVED ENGINEERING DRAWINGS
FORMWORK DESIGNED TO RESIST LATERAL PRESSURE OF 600 PSF

CONCRETE:
MIX AS SPECIFIED ON DESIGN DRAWINGS
SLUMP NOT TO EXCEED 4"
MAXIMUM POUR RATE FOUR FEET PER HOUR
MINIMUM CONCRETE TEMPERATURE 50°F
DO NOT REVIBRATE AFTER INITIAL SET
NO RETARDERS TO BE USED

LUMBER:
PLYWOOD TO BE 3/4" CDX MINIMUM; FORM LINERS OR AS REQUIRED PER OWNER
ALL LUMBER IS TO BE 2X DOUGLAS FIR-LARCH NO. 2 OR HEM-FIR NO. 2, FB=850 PSI, 1.4E OR BETTER.
VERTICAL FRAMING (STUDS) SHALL BT 2X6 AT 12" MAXIMUM 12" ON CENTER, OR AS OTHERWISE NOTED.
WALERS ARE (2) 2X6 SPACED AT MAXIMUM 2'-0" ON CENTER
BRACES ARE FROM 2X6 AND SPACED AT MAXIMUM 2'-0" ON CENTER BOTH DIRECTIONS



PARTIAL BRACING ISOMETRIC
1" = 1'-0"

SAMPLE ONLY
NOT FOR REPRODUCTION
OR UNAUTHORIZED USE



PROPERTY ADDRESS:

BRONX, NYC 10460

(CITY OF NEW YORK)

BOROUGH-BLOCK-LOT:

CLIENT:

TEL: ***

EMAIL:

DATE:

07.31.2024

10.16.2024

ISSUE:

PRELIMINARY

FOR REVIEW

PROJECT NAME:

FORMWORK DRAWINGS

DRAWING NAME:

DETAILS

DRAWING NUMBER:

S-02

DATE:

07.31.2024

SCALE:

AS NOTED

NOTE:

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CONSTRUCTION IF (AND ONLY IF) A

PERMIT IS ISSUED, BASED ON THIS

DRAWING, BY THE CITY OF NEW YORK