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17-13-0303-C(1) Type 1 Narrative & Plans – 4614 N. Seeley Avenue, Chicago, IL

Proposed Zoning: RM-4.5 Residential Multi-Unit District

Lot Area: 1,967.47 sq. ft.

Proposed Land Use: The Applicant is keeping the existing single-family residence and detached garage containing two (2) off-street parking spaces. The Applicant plans to construct a dormer addition to the existing single-family residence. The single-family residence will measure around 26 ft.-7 ½ inches in height. Pursuant to Sec. 17-13-0303-D optional Administrative Adjustment and Variation and pursuant to Sec. 17-13-1101-B of the Chicago Zoning Ordinance, the Applicant is to reduce the front setback from the required 4.49' to zero; combined side setback requirement of 10.51' to zero; north side setback from 2' to zero; south side setback from 2' to zero; rear setback from 11.23' to 2'-9"; waive the required rear yard open space of 127.89 SF to zero and all relief necessary, as allowed by the Chicago Zoning Code, for the attached plans.

(A) The Project's Floor Area Ratio: 1,926 square feet (0.98 FAR)

(B) The Project's Density (Minimum Lot Area Per D.U.): 1,967.47 square feet per D.U. (1 residential unit)

(C) The amount of off-street parking: 2 (existing)

(D) Setbacks:

a. Front Setback: 0'

b. Side Setbacks:

North Side: 0'

South Side: 0'

c. Rear Setback: 2 feet- 9 inches

(E) Building Height: 26 feet- 7 ½ inches

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CODE MATRIX

DORMER ADDITION TO EXISTING COACH HOUSE

4614 N. SEELEY CHICAGO IL 60625

NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE – DO NOT SCALE DRAWINGS.
3. INTERIOR DIMENSIONS ARE TO THE FACE OF A WALL UNLESS NOTED OTHERWISE.
4. EXTERIOR DIMENSIONS ARE TO THE FACE OF MASONRY FOUNDATION WALLS. UPPER FLOORS ARE TO THE FACE OF SHEATHING OR MASONRY IF USED.
5. EXTERIOR DIMENSIONS OF FRAME WALLS ARE TO FACE OF SHEATHING UNLESS NOTED OTHERWISE.
6. ALL MATERIALS AND EQUIPMENT MUST BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
7. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL DEBRIS GENERATED BY THE WORK. CLEAN UP IS REQUIRED ON A DAILY BASIS. DISPOSE OF DEBRIS LEGALLY.
8. CONTRACTOR IS TO GUARANTEE ALL OF THE WORK, MATERIALS AND LABOR, IN WRITING FOR A MINIMUM OF ONE (1) YEAR AGAINST ALL DEFECTS OF MATERIALS, EQUIPMENT AND WORKMANSHIP.

STRUCTURAL NOTES

GOVERNING CODES AND REGULATIONS

1. City of Chicago Building Code
2. American Institute of Steel Construction (AISC)
3. American Welding Society (AWS D1.1)
4. American Concrete Institute (ACI)
5. Building Code Requirements for Masonry Structures (ACI-530)
6. Building Code Requirements for Engineered Brick Masonry (BIA)
7. National Design Specifications for Wood Construction (NDS)

DESIGN LOADING

1. Live Loads:
   a. Roof — 25 psf
   b. Typical Floors — 40 psf
   c. Public Areas — 100 psf
2. Wind Load:
   a. Main Force Resisting System — 20 psf
   b. Components/Cladding — 25 psf
   c. Components/Cladding at Corners — 30 psf
   d. Interior Partitions — 5 psf
3. Rolling Loading:
   a. Uniform Load — 50 plf
   b. Concentrated Load — 200 lbs

GENERAL NOTES

1. Contractor shall visit the site and become familiar with the existing conditions prior to the start of the work.
2. Contractor shall inform Architect immediately if actual conditions vary from the assumptions indicated.
3. The structure is designed to function as a unit upon completion. The Contractor shall furnish all temporary bracing and/or supports required as the result of the Contractor's construction methods and/or sequences.
4. Contractor to be solely responsible for all construction means, methods, techniques, procedures and for coordination of portions of the work.
5. Contractor to keep premises free of demolition debris or any other rubbish caused during the work process. Premises will be cleaned at the end of each working day.
6. All dimensions shown on the Drawings shall be checked by the General Contractor and any discrepancies are to be reported immediately to the Architect.
7. Unless otherwise noted, all details, sections and notes on the drawings are intended to be typical for similar situations elsewhere.
8. Engineer's approval is required for all substitutions.

DEMOLITION AND SHORING

1. Contractor shall visit the site and become familiar with the existing conditions and the areas that are to be demolished and removed from the site.
2. Contractor shall bear full responsibility for the design and installation of all temporary shoring which is to be used.

ELECTRICAL NOTES

1. ALL WORK MUST BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHOSE WORK MUST COMPLY WITH 2018 CITY OF CHICAGO ELECTRICAL CODE.
2. THE ELECTRICAL CONTRACTOR IS TO OBTAIN AND PAY FOR PERMIT AND INSPECTION FEES, AND PROVIDE CERTIFICATE INDICATING THAT ALL WORK COMPLIES WITH THE APPLICABLE ELECTRICAL CODES.
3. LAYOUT IS DIAGRAMMATIC: THE CONTRACTOR MUST INSTALL ALL WORK TO MEET FIELD CONDITIONS AND OWNERS REQUIREMENTS.
4. WIRE IN A COMPLETE RACEWAY SYSTEM WITH ALL LIGHTING FIXTURES (TYPE WORTED WARNING), OUTLETS, BOXES, WIRING DEVICES, LIGHTING PANELS B/ SWITCHES, ALL FUSES AND DISCONNECT SWITCHES, CONDUCTORS, CONDUIT HANGERS, BRANCH CIRCUITS, WIRING HANGERS, FITTINGS, AND ALL OTHER ELECTRICAL EQUIPMENT AS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE INSTALLATION. WIRE ALL MOTORS AND DISCONNECT SWITCHES.
5. CONDUIT MUST BE EMT WITH COMPRESSION TYPE CONDUIT FOR ALL CONDUIT SPLICES.
6. UNDER FLOOR CONDUIT TO BE HEAVY WALL GALVANIZED STEEL OR IMC.
7. UNLESS OTHERWISE NOTED ALL ELECTRICAL OUTLETS SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR.
   A. LIGHTING SWITCHES: 4'-0"
   B. RECEPTACLES: 1'-3"
   C. CAT 5 JACKS AND TV OUTLETS 1'-3"
8. INSTALL GFCI OUTLETS IN ALL WET AREAS AS SHOWN. MOUNT MIN. 12" ABOVE COUNTER TOPS
9. ALL BATHROOM LIGHT FIXTURES SHALL BE GFCI PROTECTED.
10. PROVIDE GFCI OUTLETS AND DEDICATED, GFCI PROTECTED OUTLETS FOR WHIRLPOOL TUB IN ALL BATHROOMS (IF APPLICABLE).
11. FILL IN ALL PANEL DIRECTORIES, IDENTIFY ALL CIRCUITS AND MAINTAIN BALANCED PHASE LOSS.

WOOD

1. All wood construction shall comply with National Design Specifications for Wood Construction.
2. Minimum lumber grade shall be Douglas-Fir No. 2 unless lumber, installed as indicated on the drawings.
3. Micro lam beams shall be the sizes indicated on the drawings and have been designed for the following values:
   a. F_b = 2,900 PSI for LVL members
   b. F_b = 2,900 PSI for PSL members
   c. E = 1.8 x 106 PSI for LVL members
   d. E = 2.0 x 106 PSI for PSL members
4. Structural members shall be set level and plumb, in correct position.
5. Horizontal members shall be pieced flat, crown side up.
6. Bridging shall be provided in framing spanning in excess of 8'-0. Solid blocking shall be fit at ends of members.
7. Typical headers to be 2 – 2" x 10" with double cripple studs at each end, and one stud full height, unless noted otherwise.
8. Top plates shall be doubled on all stud walls.
9. Blocking 2 rows of equal depth of the members shall be provided between all joists and rafters at their supports, unless members are noted to a rim joist.
10. All micro lam beams to be carried by double stud columns in bearing walls, unless noted otherwise.
11. Bearing walls supporting floor joists and beams must align with bearing walls and footings below.
12. Ledgers and sill and foundation sill plates shall be fastened and bolted to concrete with ⅝" diameter x 10" bolts at 8'-0 on center minimum spacing. At least two bolts shall be provided for each piece with one bolt within 1'-0 of each end.
13. All nailing and fastening to be per applicable codes.
14. All connectors shall be Simpson Strong Tie or equal.
15. All plywood shown for floor/roof decks and as wall sheathing shall be of the thickness shown on the drawings and shall meet all the requirements of the U. S. Product Standard P. S. 1, latest edition, for structural 1 grade material.
16. All new plywood subfloor and roof sheathing shall be glued and screwed to joists. Any joist hangers that are used shall be glued and mechanically fastened to joists.
17. Shore existing structure during construction as required.

PLUMBING NOTES

1. ALL SUPPLY PIPING ABOVE GROUND SHALL BE TYPE "L".
2. ALL SUPPLY PIPING BELOW GROUND SHALL BE TYPE "K".
3. ALL SUPPLY PIPING FITTINGS TO BE FORGED COPPER, NO LEAD SOLDER AND FLUX.
4. 24" AIR CHAMBERS AT TOP OF ALL WATER RISERS.
5. 12" AIR CHAMBERS AT TOP OF ALL FIXTURES.
6. PROVIDE THERMOSTATIC MIXING VALVES FOR ALL.
7. PROVIDE SHUT-OFF VALVES ON ALL FIXTURES.
8. ALL WORK MUST MEET CITY OF CHICAGO BUILDING CODES.
9. DUFFY CATCH BASIN, ROD OUT ALL EXIST. UNDERGROUND PIPING TO SEWER

PLUMBING SPECIFICATIONS:

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE NEW AND DEMOLITION WORK AND MODIFICATIONS TO EXISTING PIPING SYSTEMS, INCLUDING ALL NEW EQUIPMENT AND RELATED ACCESSORIES, AS SHOWN ON THE PLANS AND AS NOTED ON THE DRAWINGS AND AS HEREINAFTER SPECIFIED.
2. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF CHICAGO BUILDING CODE, STATE AND LATEST APPLICABLE CODES, RULES AND ORDINANCES AS WELL AS LATEST OSHA REQUIREMENTS.
3. PAY ALL FEES FOR PERMITS AND INSPECTIONS APPLICABLE TO THEIR TRADE AND SHALL OBTAIN ALL CERTIFICATES OF INSPECTIONS.
4. PROVIDE ONE (1) YEAR GUARANTEE ON ALL MATERIALS AND WORKMANSHIP PERFORMED UNDER EACH CONTRACT.
5. ROUGH IN AND MAKE FINAL CONNECTIONS TO ALL PLUMBING FIXTURES. PROVIDE "P" TRAPS, 12" AIR CHAMBERS, SUPPLIES AND STOPS, HANGERS, CARRIERS AND MISCELLANEOUS RELATED ITEMS. PROVIDE STOPS FOR EVERY FIXTURE ROUGH-IN.
6. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS UNLESS SPECIFICALLY DIMENSIONED. COORDINATE THE WORK WITH ALL TRADES TO AVOID INTERFERENCE. PLUMBING WORK THAT IS INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER TRADES DUE TO THE LACK OF COORDINATION SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.
7. CONTRACTOR SHALL PROVIDE ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION AND USUALLY INCLUDED IN SIMILAR WORK EVEN THOUGH NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS. SUCH ITEMS ARE BOLTS, NUTS, ANCHORS, HANGERS, BRACKET SLEEVES, MINOR OFFSETS IN PIPING BECAUSE OF UNFORESEEN OBSTRUCTIONS, ETC.
8. THE CONTRACTOR SHALL REMOVE FROM THE PREMISES ALL RUBBISH ACCUMULATED AND GENERATED AND KEEP EACH BUILDING AREA CLEAN DURING THE PROGRESS OF THE PLUMBING WORK.
9. NOT USED.

A. SOIL, WASTE AND VENT PIPING 5" AND LARGER: SERVICE WEIGHT CAST IRON SOIL PIPE WITH DRAINAGE FITTINGS AND 2-1/2" AND SMALLER: GALVANIZED STEEL PIPING WITH CAST IRON DRAINAGE FITTINGS OR TYPE L COPPER W/DWV FITTINGS.

B. DOMESTIC HOT AND COLD WATER PIPING: TYPE L, HARD DRAWN COPPER WITH WROUGHT SWEAT FITTINGS. SOLDER ALL FITTINGS WITH 95-5 SOLDER.

10. CLEAN ALL DOMESTIC HOT AND COLD WATER PIPING SYSTEM AND CHLORINATE IN ACCORDANCE WITH ONE METHOD PRESCRIBED BY ASHRA PRIOR TO TURNING OVER TO THE OWNER.

A. TEST ALL HOT AND COLD WATER PIPING HYDROSTATICALLY AT 100 PSI.

B. TEST OF DRAINS BY FILLING WITH WATER UP TO THE HIGHEST POINT IN THE SYSTEM.

12. EXTERIOR HOT AND COLD WATER PIPES 3" AND SMALLER SHALL BE COPPER TYPE "L".

13. PIPE HANGERS AND SUPPORTS:

A. THE CLAMPS AND SUPPORTS WILL BE AS MANUFACTURED BY FEE AND MASON, CRAW FORD COMPANY OR APPROVED MANUFACTURER.

B. EACH PIPING SYSTEM WILL BE SUPPORTED FROM THE BUILDING STRUCTURE, CEILINGS, ETC. BY MEANS OF APPROVED TYPE HANGERS AND ATTACHMENTS OF DESIGN AND MANNER. THE HANGERS AND ATTACHMENTS WILL BE OF STEEL AND/OR COPPER-COATED CONSTRUCTION, PROVIDED WITH MEANS OF ADJUSTMENT AFTER ERECTION OF THE PIPING. HANGER RODS WILL BE OF SOLID MILD STEEL AND/OR COMPATIBLE WITH HANGER MATERIAL AND MAY BE CONTINUOUSLY THREADED.

14. SHUTOFF VALVES TO BE 125 PSI RATED GATE VALVES OR 400PSIG RATED BALL VALVES.

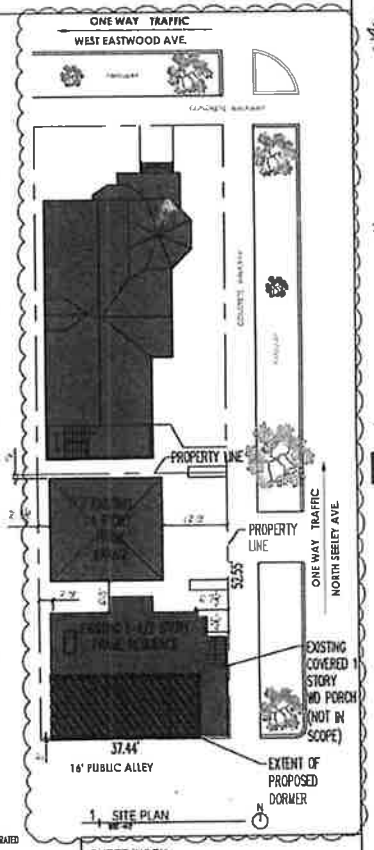
15. NOT USED

16. WHERE TWO DISSIMILAR METALS ARE JOINED TO MAKE A WATER CONNECTION, FURNISH AND INSTALL A DIELECTRIC UNION TO PREVENT ELECTROLYSIS.

17. VERIFY INVERT ELEVATION OF SEWER CONNECTIONS WITH SITE-WORK AND ENSURE 1/8 SLOPE MINIMUM.

18. CONTRACTOR SHALL COORDINATE NEW WORK WITH OTHER TRADES. ALL NEW WORK TO BE CONCEALED WITHIN FINISHED SPACES.

19. CONTRACTOR SHALL PROVIDE STEEL PIPES PASS THROUGH INTERIOR WALLS AND FLOORS. PROVIDE FIRE RESISTANT (FIRE-STOP) SEALING COMPOUND AROUND ALL PIPES WHICH PENETRATE WALL/FLOOR CONSTRUCTION.



1 SITE PLAN

I CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE THEY CONFORM TO THE CHICAGO BUILDING CODE

SIGNED: [signature]

ILLINOIS REGISTRATION NO: [redacted]

DATE: MAY 15TH 2025

ARCHITECT

SCOPE OF WORK

1. DORMER ADDITION AND INTERIOR REMODEL OF EXISTING COACH HOUSE PER PLANS

SHEET INDEX

GENERAL		
G1.0	TITLE SHEET	
ARCHITECTURAL		
D1.0	EXISTING FLOOR PLANS AND NOTES	
D2.0	EXISTING ELEVATIONS	
A1.0	PROPOSED FLOOR PLANS AND NOTES	
A2.0	PROPOSED ELEVATION	
MEP		
M1.0	MECHANICAL FLOOR PLAN AND NOTES	
E1.0	ELECTRICAL FLOOR PLAN AND NOTES	
P1.0	PLUMBING FLOOR PLAN AND NOTES	
STRUCTURAL		
S1.0	STRUCTURAL FRAMING PLANS	
S2.0	TYPICAL FOUNDATION DETAILS	
S3.0	TYPICAL FRAMING DETAILS	
S3.1	TYPICAL FRAMING DETAILS	
S4.0	GENERAL NOTES	

CITY STAMP

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PROJECT INFORMATION

4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD

Mario Rosado architect
3401 W. Devon Ave. #503B
CHICAGO, IL 60659
(312) 965-3131
mario.rosado.architect@gmail.com

EXPIRES: 11/30/2026

= EXISTING TO REMAIN NOT IN CONTRACT

REVISION NO.	DATE	ISSUE

NO.	SUBMITTAL	PERMIT
	ISSUED DATE: 5/24/25	
	ISSUED FOR: PERMITTING COMMENTS	
	PROJECT #: 2506	

SHEET TITLE

TITLE SHEET

SHEET NUMBER

G1.0

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FIELD VERIFICATION
CONTRACTORS SHALL VERIFY ALL FIGURED DIMENSION AND CONDITION AT THE JOB SITE AND NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK. DO NOT SCALE THESE DRAWINGS.

DEMOLITION NOTES

1. CONTRACTOR MUST PERFORM ALL DEMOLITION IN A SAFE AND CONSIDERED MANNER, WITHOUT DAMAGING CONSTRUCTION TO REMAIN.
3. CONTRACTOR MUST DISPOSE OF ALL DEMOLISHED MATERIALS IN A SAFE AND LEGAL MANNER.

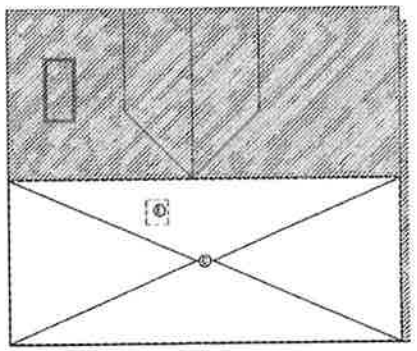
DEMOLITION KEY NOTES

(A) DEMOLISH AND REMOVE EXISTING PARTITION, AND ALL COMPONENTS WITHIN.
(B) DEMOLISH AND REMOVE EXISTING PLUMBING FIXTURE, SALVAGE ANY SOUND & OPERATIONAL INFRASTRUCTURE THAT CAN BE RELIGED FOR PLUMBING FIXTURES INSTALLED PER A1.0.
(C) CAREFULLY SHORE STRUCTURE, DEMOLISH AND REMOVE EXISTING ROOF, FRAMING, INSULATION, DRYWALL, AND ALL RELATED COMPONENTS, PREP FOR NEW ROOF PER A1.0.
(D) DEMOLISH AND REMOVE EXISTING WINDOW, PREP FOR NEW WINDOW PER A2.0
(E) DEMOLISH AND REMOVE EXISTING MASONRY CHIMNEY FROM 2ND FLOOR LINE, THROUGH ROOF. SEAL CHIMNEY AT 2ND FLOOR, PATCH ROOF TO MATCH ADJACENT CONSTRUCTION. DEMOLISH AND REMOVE GALVANIZED CHIMNEY ABOVE ROOFLINE.
(F) REMOVE EXISTING HOT WATER HEATER, PREP FOR NEW HOT WATER HEATER.
(G) DEMOLISH AND REMOVE EXISTING SIDING, REPAIR WEATHER BARRIER AND SHEATHING AS NEEDED, PREP FOR NEW SIDING
(H) DECREASE HEIGHT OF WINDOW OPENING BY 36" ABOVE FINISHED FLOOR.
(I) DEMOLISH AS NEEDED FOR NEW FOOTING PER STRUCTURAL DRAWINGS, REFER TO S SHEETS FOR FURTHER INFORMATION
(E) DEMOLISH AND REMOVE EXISTING DOOR

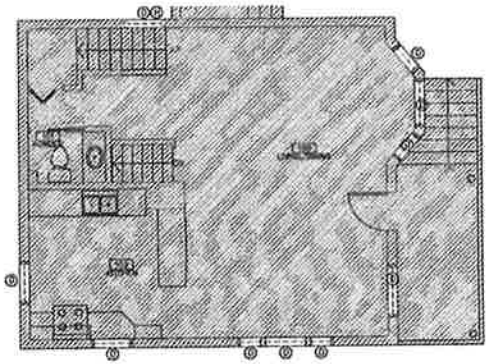
LEGEND:
- NOT IN SCOPE
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- EXISTING CONSTRUCTION TO BE DEMOLISHED
- DEMOLITION KEY NOTE
- WINDOW
- DOOR
- STAIRS
- STONE
- SINK
- FRIDGE
- WC
- LAV
- TUB
- GLASS DOOR SHOWER

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT

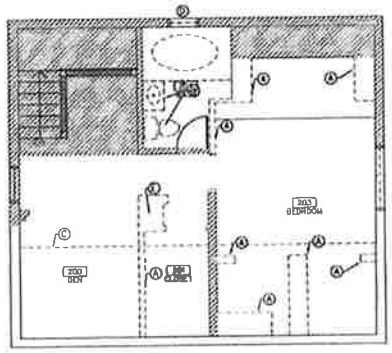
4 EXISTING ROOF PLAN
1/4"=1'-0"



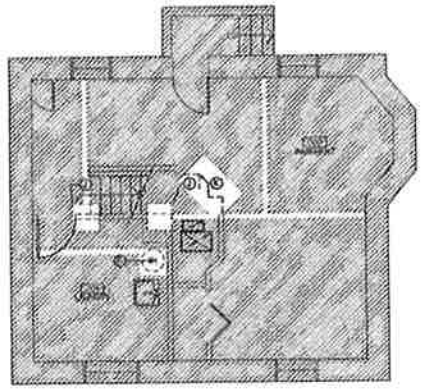
2 EXISTING 1ST FLOOR PLAN
1/4"=1'-0"



3 EXISTING 2ND FLOOR PLAN
1/4"=1'-0"



1 EXISTING BASEMENT FLOOR PLAN
1/4"=1'-0"



NOT FOR CONSTRUCTION

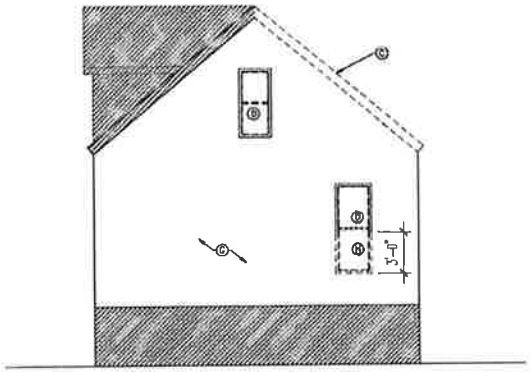
4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD
Mario Rosado architect

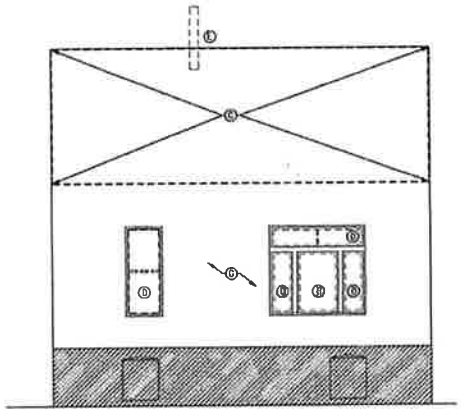
EXISTING FLOOR PLANS AND NOTES

D1.0

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4 EXISTING WEST ELEVATION
1/4"=1'-0"



2 EXISTING SOUTH ELEVATION
1/4"=1'-0"

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DEMOLITION NOTES

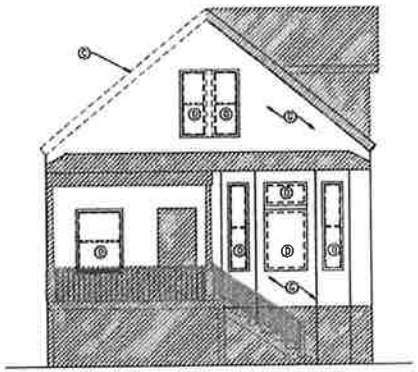
1. CONTRACTOR MUST PERFORM ALL DEMOLITION IN A SAFE AND CONSIDERED MANNER, WITHOUT DAMAGING CONSTRUCTION TO REMAIN.
3. CONTRACTOR MUST DISPOSE OF ALL DEMOLISHED MATERIALS IN A SAFE AND LEGAL MANNER.

DEMOLITION KEY NOTES

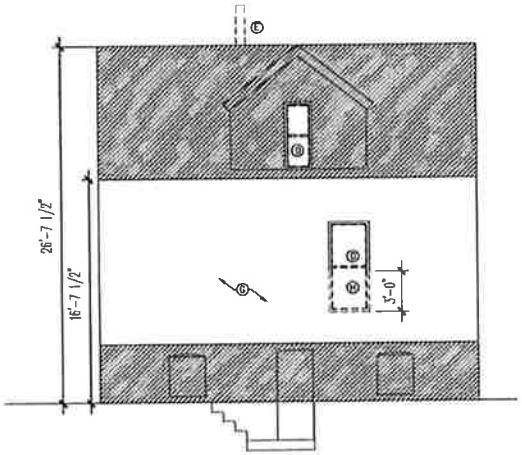
(A) DEMOLISH AND REMOVE EXISTING PARTITION, AND ALL COMPONENTS WITHIN.
(B) DEMOLISH AND REMOVE EXISTING PLUMBING FIXTURE, SALVAGE ANY SOUND & OPERATIONAL INFRASTRUCTURE THAT CAN BE REUSED FOR PLUMBING FIXTURES INSTALLED PER A1.0.
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- (1) DEMOLITION KEY NOTE
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- DOOR
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- STOVE
- SINK
- FRIDGE
- WC
- LAV
- TUB
- GLASS DOOR SLIDING

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT



3 EXISTING EAST ELEVATION
1/4"=1'-0"



1 EXISTING NORTH ELEVATION
1/4"=1'-0"

CITY STAMP

NOT FOR CONSTRUCTION

PROJECT INFORMATION

4614 N. SEELEY
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ARCHITECT OF RECORD

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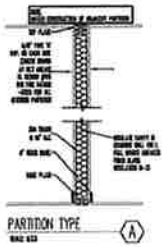
REVISION
NO. DATE ISSUE

ISSUED DATE: 07/22/21
ISSUED FOR: PERMIT
PROJECT #: 1516

SHEET TITLE
EXISTING ELEVATIONS

D2.0
SHEET NUMBER

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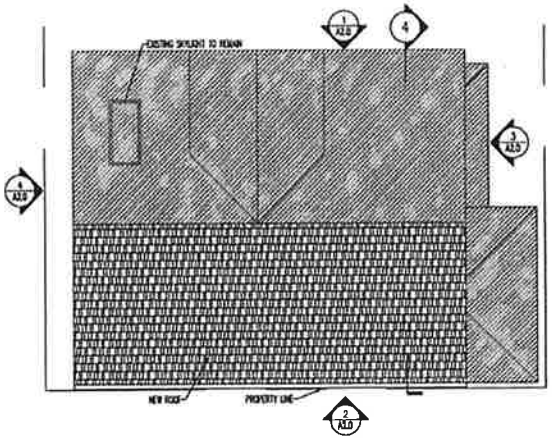


NEW INTERIOR DOOR HEADERS - (2) 2x6 W/ 1/2" PLYWOOD FURRING PLATE

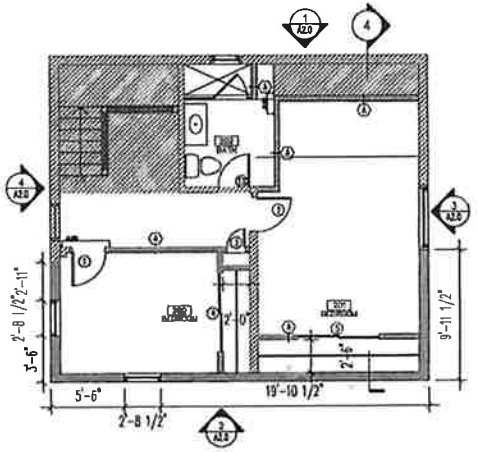
DOOR SCHEDULE
(E) = EXISTING TO REMAIN

DOOR	WIDTH	HEIGHT	THK.	MATERIAL	TYPE	LOCATION	NOTES
1	2'-6"	6'-8"	1-3/8"	SOLID CORE	SWING	2ND BEDROOM	PRIVACY LOCK
2	2'-6"	6'-8"	1-3/8"	SOLID CORE	SWING	2ND BEDROOM	PRIVACY LOCK
3	1'-6"	6'-8"	1"	MDF	SWING	LINEN	
4	2'-6"	6'-8"	1"	MDF	BYPASS	2ND BEDROOM	2 LEAVES
5	2'-6"	6'-8"	1"	MDF	BYPASS	2ND BEDROOM	2 LEAVES

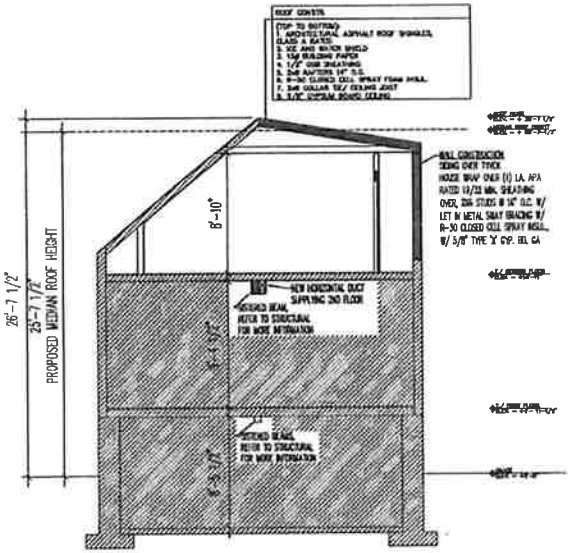
NOTE: GC TO VERIFY ALL DOOR DIMENSIONS IN FIELD



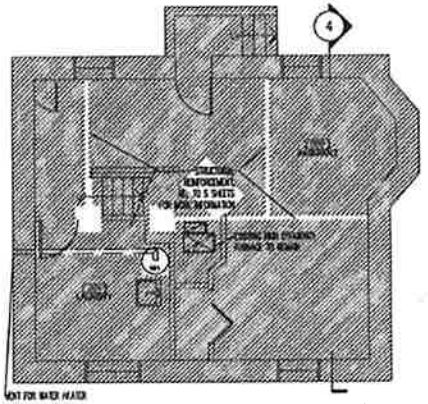
3 PROPOSED ROOF PLAN
1/4"=1'-0"



2 PROPOSED 2ND FL PLAN
1/4"=1'-0"



4 PROPOSED SECTION
1/4"=1'-0"



1 PROPOSED BASEMENT FL PLAN
1/4"=1'-0"

LEGEND:
- NOT IN SCOPE
- EXISTING WALL/ PARTITION
- NEW PARTITION
- DOOR NUMBER - SEE SCHEDULE
- WALL PARTITION - SEE SHEET A1.0
- WINDOW TAG - SEE SCHEDULE
- WINDOW
- DOOR
- STAIRS
- STONE
- SINK
- FRIDGE
- WC
- LAV
- TUB
- GLASS DOOR SHOWER

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT

NOT FOR CONSTRUCTION

PROJECT INFORMATION

4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD

Marlo Rosado architect

GENERAL NOTES:
1. PATCH AND REPAIR ALL AFFECTED SURFACES TO MATCH ADJACENT EXISTING FINISHES.

REVISION

NO.	DATE	ISSUE
001	5/12/25	PERMIT

ISSUING PARTY: 5/20/25
ISSUED FOR: PACKAGE IN COMMENTS
PROJECT #: 2506

SHEET TITLE

PROPOSED FLOOR PLANS AND NOTES

A1.0

SHEET NUMBER

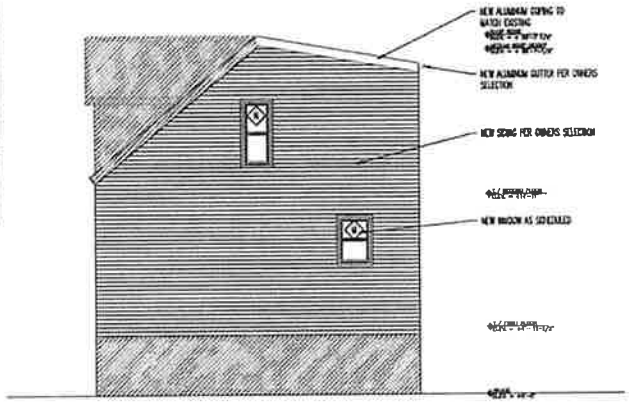
Final for Publication

WINDOW SCHEDULE

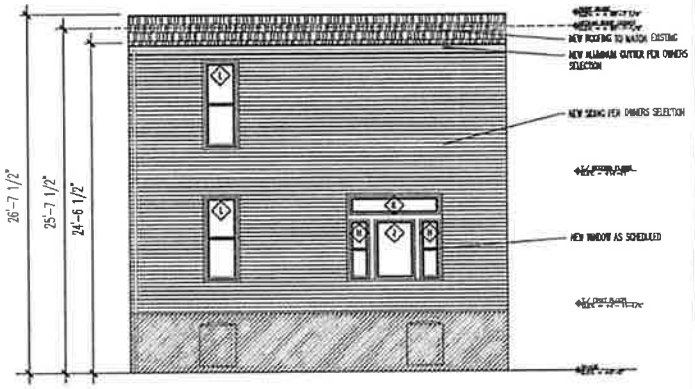
WINDOWS PELLA VINYL ENCOMPASS W/ SCREENS OR APPROVED EQUAL

WINDOW TAG	WINDOW TYPE	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	QTY.	LIGHT (SF)	VENT (SF)
A	DOUBLE HUNG	2'-6"	4'-0"	1	10 SF	10 SF
B	DOUBLE HUNG	2'-6"	5'-0"	2	11.5 SF	5.75 SF
C	PICTURE	2'-0"	5'-0"	1	10 SF	0 SF
D	DOUBLE HUNG	2'-0"	4'-0"	1	8 SF	8 SF
E	DOUBLE HUNG	4'-0"	5'-0"	1	20 SF	10 SF
F	DOUBLE HUNG	3'-0"	5'-0"	1	10.5 SF	5.25 SF
G	DOUBLE HUNG	2'-0"	5'-0"	1	8 SF	4 SF
H	DOUBLE HUNG	1'-0"	4'-0"	2	4 SF	2 SF
J	PICTURE	2'-0"	4'-0"	1	10 SF	0 SF
K	PICTURE	2'-0"	1'-0"	1	0 SF	0 SF
L	DOUBLE HUNG	2'-0"	4'-7"	2	11 SF	5.5 SF
M	DOUBLE HUNG	2'-0"	3'-0"	1	6 SF	3 SF
N	DOUBLE HUNG	2'-0"	3'-0"	1	6 SF	3 SF

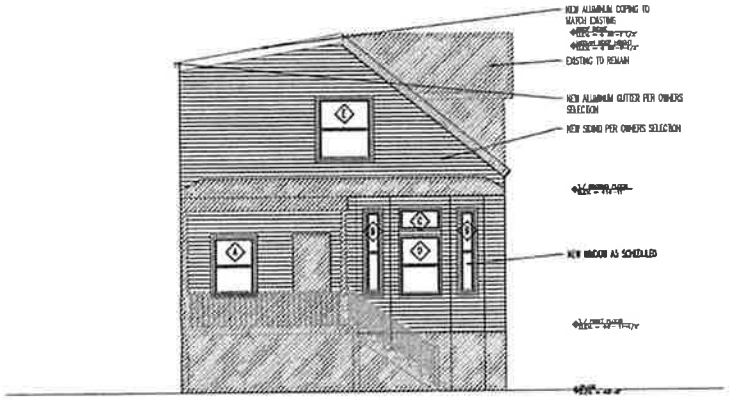
NOTES: 1. GC TO VERIFY ALL WINDOW QUANTITIES AND DIMENSIONS IN FIELD
2. VERIFY STYLE, TYPE, AND FINISH W/ OWNER
3. VERIFY HARDWARE STYLE AND FINISH W/ OWNER



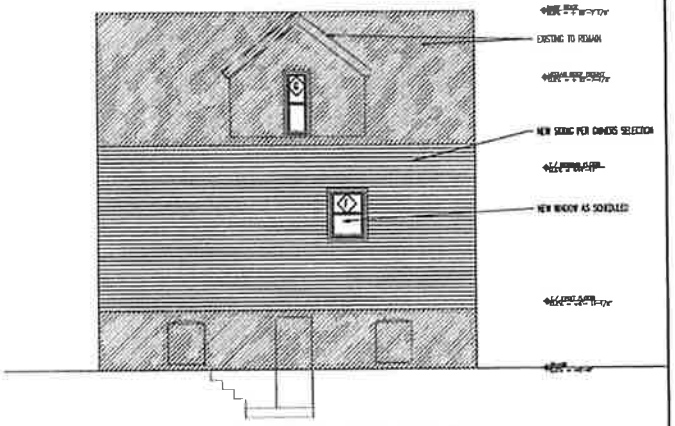
4 PROPOSED WEST ELEVATION
1/4"=1'-0"



2 PROPOSED SOUTH ELEVATION
1/4"=1'-0"



3 PROPOSED EAST ELEVATION
1/4"=1'-0"



1 PROPOSED NORTH ELEVATION
1/4"=1'-0"

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT

NOT FOR CONSTRUCTION

PROJECT INFORMATION

4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD

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mario@mariorosadoarchitect.com

EXISTING TO REMAIN NOT IN CONTRACT

REVISION
NO. DATE ISSUE

ISSUED DATE: 6/15/21
ISSUED FOR: PERMIT
PROJECT #: 2120

SHEET TITLE
PROPOSED ELEVATIONS

SHEET NUMBER
A2.0

Final for Publication

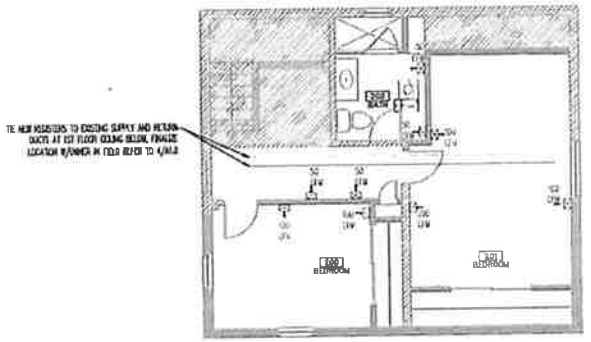
HVAC NOTES

1. ALL WORK TO BE PERFORMED BY A LICENCED HVAC CONTRACTOR. WORK MUST COMPLY WITH THE CITY OF CHICAGO MECHANICAL CODE.
2. THE HVAC IS TO OBTAIN AND PAY FOR ALL PERMIT AND INSPECTION FEES.
3. FURNISH ARCHITECT WITH COMPLETE SET OF SHOP DRAWINGS AND CUTS, SHOWING DUCT CONNECTIONS, SIZES, AIR QUANTITIES AND REGISTERS INCLUDING MECHANICAL EQUIPMENT, EXHAUST FANS, ETC. FOR APPROVAL BEFORE BEGINNING ANY WORK.
4. FURNISH AND INSTALL COMPLETE OPERABLE HVAC SYSTEM AS INDICATED. SYSTEMS ARE TO HEAT THE BUILDING TO 70° F AT -10° OUTSIDE TEMPERATURE. EACH SYSTEM TO BE SIZED AS TO DELIVER 500 CFM MINIMUM, WITH DOWN SIZED BELT DRIVEN MOTOR. EACH SYSTEM IS TO BE FITTED WITH ELECTRONIC AIR FILTER AND HUMIDIFIER CAPABLE OF MAINTAINING 40% RH. EACH FURNACE SHALL BE OF ENERGY EFFICIENT DESIGN WITH ELECTRONIC CONTROLS AND SPARK IGNITION, 150# SAFETY SHUT-OFF VALVE L.P. REGULATORS AND SHUT-OFF VALVE. COORDINATE LOCATION OF THERMOSTATS WITH OWNER.
5. FRESH AIR INTAKES MUST BE A MINIMUM OF 15 FT. AWAY FROM ANY EXHAUST OUTLET.
6. HOIST & DUCT LINES TO BE 26 GA. GALVANIZED SHEET MTL. AND CONSTRUCTED IN ACCORDANCE WITH SMACNA STANDARDS.
7. REINFORCE AND BRACE ALL DUCTWORK SECURELY TO PREVENT VIBRATION. ALL DUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH ASHRAE GUIDELINES.
8. PROVIDE INDIVIDUAL MANUAL SPLITTER DAMPERS IN ACCESSIBLE LOCATIONS FOR BALANCING THE SYSTEM. ALL DAMPERS TO BE LOCKING TYPE.
9. INSULATE ALL DUCTWORK IN UNCONDITIONED SPACES WITH 1" THICK FIBERGLASS INSULATION AND VAPOR BARRIER JACKET.
10. INSULATE ALL AIR COMBUSTION AIR DUCTWORK WITH 1" THICK FIBERGLASS INSULATION AND VAPOR BARRIER JACKET.
11. CAREFULLY COORDINATE LOCATION OF DUCTWORK WITH STRUCTURAL FRAMING. ANY CUTTING REQUIRED MUST BE DONE BY A SKILLED CARPENTER UNDER THE DIRECTION OF THE GENERAL CONTRACTOR.
12. FLOOR REGISTERS MUST NOT EXTEND MORE THAN 6" INTO THE ROOM, MEASURED FROM THE WALL SURFACE.
13. TEST AND BALANCE ALL AIR HANDLING SYSTEMS AND OBTAIN CERTIFICATE OF ACCEPTANCE FROM THE CITY INSPECTOR BEFORE COVERING ANY PART OF THE WORK.
14. FURNISH AND INSTALL COMPLETE AND OPERABLE SYSTEM OF VENTILATION AND EXHAUST AS REQUIRED AND INDICATED ON DRAWINGS FOR TOILETS, BATHS, CLOSETS, DRYERS, AND KITCHEN APPLIANCES. PROVIDE WALL CAP, BIRD SCREEN, AND GRAVITY DAMPERS.
15. ALL FLUES FOR GAS FURNACES AND WATER HEATERS SHALL BE TYPE "B". FLUES THAT PENETRATE THE ROOF SHALL EXTEND A MINIMUM OF 3 FT. ABOVE THE HIGHEST POINT OF THE ROOF OR ADJACENT ROOF, AND MUST BE DOUBLE WALL CONSTRUCTION – 14 GA. STEEL OR AS REQUIRED BY CODE. FLUES MUST BE PROVIDED WITH A WEATHERING HOOD THIMBLE THAT PROVIDES 2" MINIMUM CLEARANCE ALL AROUND. SUCH THIMBLE WILL EXTEND A MINIMUM OF 8" ABOVE AND BELOW THE ROOF.
16. THE A/C CONDENSER MUST BE SET ON A PREFABRICATED BASE, AND LOCATED TO ALLOW FREE AIR FLOW.
17. PRODUCT INFORMATION SHEET FOR HEATING AND/OR COOLING SYSTEM TO BE ON SITE AT TIME OF INSPECTION.
18. ALL RETURNS TO BE DUCTED. USE OF WALL CAVITY FOR RETURN AIR IS PROHIBITED.
19. PROVIDE TWO PERMANENT OPENINGS FOR COMBUSTION AIR – ONE HIGH AND ONE LOW.
20. LOCATION OF PRESSURE RELIEF DEVICE TO CONFORM WITH FIELD MAY NOT BE LOCATED IN ANY ELEVATOR, DUMBWAITER, OR OTHER SHAFT CONTAINING MOVING OBJECTS.
21. REFRIGERANT LINES MAY NOT BE LOCATED IN ANY ELEVATOR, DUMBWAITER, OR OTHER SHAFT CONTAINING MOVING OBJECTS OR IN STAIRWELLS OR OTHER MEANS OF EGRESS. NOT PERMITTED UNDER STAIRS, FIRE ESCAPES OR HALLWAYS.
22. LOCATION OF OUTLETS MUST CONFORM TO IFGC 404.13.
23. PIPING IN CONCEALED LOCATIONS MUST CONFORM TO IFGC 404.13
24. PRESSURE REGULATORS VENTING VENTS MUST HAVE AN INDEPENDENT VENT TO THE OUTSIDE OF THE BUILDING.
25. GAS PIPING MATERIALS MUST CONFORM TO THE GAS PIPING AND TUBING MATERIAL MATRIX (IFGC 403 REQUIREMENTS)
26. GAS PIPES MUST BE SLOPED AT 1/4" IN EVERY 10'-0".
27. FUEL GAS PIPING AND CONTROLS MUST CONFORM TO THE INTERNATIONAL FUEL GAS CODE (IFGC), CHAPTER 4, (WITH MODIFICATIONS AS NOTED IN ARTICLE 14).
28. ALL VENTS TO PROJECT 2'-0" ABOVE PARAPET WITH 10" BASES.
29. MAXIMUM DESIGN OPERATING PRESSURE FOR GAS PIPING SYSTEM LOCATED INSIDE BUILDINGS SHALL NOT EXCEED 5 PSIG.
30. VENTING OF ALL GAS FIRED APPLIANCES MUST CONFORM TO INTERNATIONAL FUEL GAS CODE.
31. VENTS MUST TERMINATE 3 FEET ABOVE THE HIGHEST POINT OF THE ROOF THAT IS WITHIN 10'-0" OF THE VENT.
32. CONCEALED FITTINGS ARE NOT ALLOWED IN THE CITY OF CHICAGO IN COST SYSTEM EXCEPT FOR CONNECTIONS OF COST TO THRU-WALL HOOD PIPE AT METERS AND APPLIANCE STUB-OUTS.
33. INSTALL PRESSURE RELIEF VALVES ON THE HIGH PRESSURE SIDE OF THE SYSTEM, UPSTREAM OF ANY INTERVENING VALVES.
34. COLLECT AND DISCHARGE CONDENSATE TO FLOOR DRAIN.
35. CONDENSATION PROTECTION IS REQUIRED WHEREVER CONDENSATION MAY BE EXPECTED TO OCCUR ON PIPING WHICH COULD CAUSE A SAFETY HAZARD TO OCCUPANTS, STRUCTURE, EQUIPMENT, ETC.
36. NATURAL GAS DISTRIBUTION PIPING SHALL BE 40 STEEL PIPING WITH 150# MALLEABLE IRON FITTINGS.

LEGEND:

- KITCHEN FAN (PER OWNER SELECTION)
- RESTROOM FAN/ LIGHT
- GRILLE (RETURN)
- REGISTER (SUPPLY)
- FURNACE
- BALANCING DAMPER -TYPICAL
- RETURN AIR DUCT
- SUPPLY AIR DUCT
- CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- WINDOW TYPE. SEE SCHEDULE
- EXHAUST DUCT
- A/C CONDENSING UNIT

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT



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

NOT FOR CONSTRUCTION

PROJECT INFORMATION

4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD

Mario Rosado architect
T. 312.675.5131

GENERAL NOTES:
1. COORDINATE DUCT REGISTER LOCATIONS WITH OWNER.

REVISIONS
NO. DATE BY/#

ISSUED DATE: 5/15/25 PERMIT
SUBMISSION: PERMIT/CORRECTIONS
PROJECT #: 2549

SHEET TITLE
MECHANICAL PLANS AND NOTES

M1.0
SHEET NUMBER

Final for Publication

ELECTRICAL NOTES:

1. ALL WORK MUST BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHOSE WORK MUST COMPLY WITH CITY OF CHICAGO ELECTRICAL CODE.
2. THE ELECTRICAL CONTRACTOR IS TO OBTAIN AND PAY FOR PERMIT AND INSPECTION FEES, AND PROVIDE CERTIFICATE INDICATING THAT ALL WORK COMPLIES WITH THE APPLICABLE ELECTRICAL CODES.
3. LAYOUT IS DIAGRAMMATIC. THE CONTRACTOR MUST INSTALL ALL WORK TO MEET FIELD CONDITIONS AND OMMISS REQUIREMENTS.
4. WIRE IN A COMPLETE RACEWAY SYSTEM WITH ALL LIGHTING FIXTURES (TYPE, MODIFIED W/OMMIS), OUTLETS, BOXES, WIRING DEVICES, LIGHTING PANELS W/ BREAKERS, ALL FUSES AND DISCONNECT SWITCHES, CONDUCTORS, CONDUIT FEEDERS, BRANCH CIRCUITS, WIRING RACEWAYS, FITTINGS, AND ALL OTHER ELECTRICAL EQUIPMENT AS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE INSTALLATION. WIRE ALL MOTORS AND DISCONNECT SWITCHES.
5. CONDUIT MUST BE CUT WITH COMPRESSION TYPE CONDUIT FOR ALL CONDUIT SPLICES.
6. UNDER FLOOR CONDUIT TO BE HEAVY WALL GALVANIZED STEEL OR IMC.
7. UNLESS OTHERWISE NOTED ALL ELECTRICAL OUTLETS SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR.
   A. LIGHTING SWITCHES: 4'-0"
   B. RECEPTACLES: 1'-0"
   C. TELEPHONE JACKS AND TV OUTLETS 1'-0"
8. INSTALL GFCI OUTLETS IN ALL WET AREAS AS SHOWN. MOUNT MIN. 12" ABOVE COUNTER TOPS.
9. CEILING OPENINGS IN ALL FIXTURE HOUSINGS MUST HAVE AN OUTLET BOX AND MOUNTING SUITABLE FOR FANS.
10. DISHWASHERS, TRASH COMPACTORS AND DISPOSALS SHALL HAVE DISCONNECT SWITCH WITHIN SIGHT.
11. ALL BACKWOOD LIGHT FIXTURES SHALL BE GFCI PROTECTED.
12. PROVIDE GFCI OUTLETS AND BREAKERS, GFCI PROTECTED OUTLETS FOR WHIRLPOOL TUB IN ALL BATHROOMS (IF APPLICABLE).
13. TILL IN ALL PANEL DIRECTORIES, IDENTIFY ALL CIRCUITS AND MAINTAIN BALANCED PHASE LOAD.
14. INSTALL CEILING LIGHT WITHIN 3 FT. OF ELECTRICAL PANEL.
15. INSTALL DOORBELL SYSTEM INCLUDING CHIMES, PUSH BUTTONS, TRANSFORMER, WIRING, ETC. FOR A COMPLETE AND OPERABLE SYSTEM.

NOTE:

SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS MUST BE HARD-WIRED, BATTERY BACK-UP, AND ELECTRICALLY LINKED IN ALL UNITS ON ALL FLOORS. LOCATED MIN. 15'-0" FROM ALL BEDROOMS AND IN FURNACE ROOM & STAIRS.

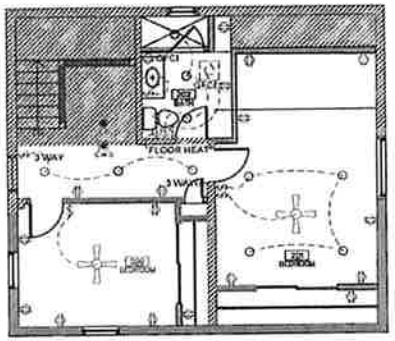
ELECTRIC LEGEND:

$	SWITCH
$ 3 WAY	3 WAY SWITCH
	OUTLET
	SURFACE MOUNTED "CAN" LIGHT
	WALL MOUNTED LIGHT FIXTURE PER OWNERS SELECTION
SD	CEILING MTD. SMOKE DETECTOR
CMD	CEILING MTD. CARBON MONOXIDE DETECTOR
GFCI	GROUND- FAULT CIRCUIT-INTERRUPTERS
	FAN/LIGHT COMBINATION

LEGEND:

NEW WALL	DOOR
EXISTING WALL	STAIRS
NEW BEARING WALL	STOVE
DOOR NUMBER -SEE SCHEDULE	SINK
WALL FUNCTION -SEE SHEET A1.0	FRIDGE
WINDOW TAG -SEE SCHEDULE	W/D
WINDOW	LAV
	TUB
	GLASS SHOWER

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT



1 PROPOSED 2ND FLR ELEC PLAN
SCALE: 1/4" = 1'-0"

CITY STAMP

NOT FOR CONSTRUCTION

PROJECT INFORMATION

4614 N. SEELEY
CHICAGO IL 60625

ARCHITECT OF RECORD

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3401 N. Devon Ave. #51028
CHICAGO, IL 60659
T.312.925.5131
mario@marioarchitecture.com

REGISTERED ARCHITECT
MARIO ROSADO
001-012345
EXPIRES: 11/30/2020

REVISION

NO.	DATE	ITEM

001 5/15/15 PERMIT
ISSUED DATE: 5/15/15
ISSUED FOR: PRE-SCREEN COMMENTS
PROJECT #: 1514

SHEET TITLE

ELECTRICAL
PLANS AND NOTES

E1.0

SHEET NUMBER

Final for Publication

PLUMBING NOTES:

1. ALL SUPPLY PIPING ABOVE GROUND SHALL BE TYPE 'L'.
2. ALL SUPPLY PIPING BELOW GROUND SHALL BE TYPE 'K'.
3. ALL SUPPLY PIPING FITTINGS TO BE FORGED COPPER, NO LEAD SOLDER AND FLUX.
4. 24" AIR CHAMBERS AT TOP OF ALL WATER RISERS.
5. 60" AIR CHAMBERS AT TOP OF ALL FIXTURES.
6. PROVIDE THERMOSTATIC MIXING VALVES FOR ALL
7. PROVIDE SHUT-OFF VALVES ON ALL FIXTURES.
8. ALL WORK MUST MEET CITY OF CHICAGO BUILDING CODES.
9. EMPTY CATCH BASIN, ROD OUT ALL EXIST. UNDERGROUND PIPING TO STREET

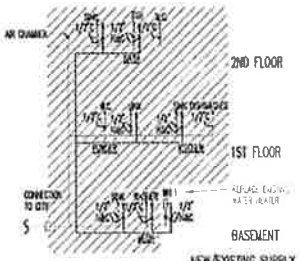
PLUMBING SPECIFICATIONS:

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE NEW AND DEMOLITION WORK AND MODIFICATIONS TO EXISTING PIPING SYSTEMS, INCLUDING ALL NEW EQUIPMENT AND RELATED ACCESSORIES, AS SHOWN ON THE PLANS AND AS NOTED ON THE DRAWINGS AND AS HEREINAFTER SPECIFIED.
2. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF CHICAGO BUILDING CODE, STATE AND LATEST APPLICABLE CODES, RULES AND ORDINANCES AS WELL AS LATEST OSHA REQUIREMENTS.
3. PAY ALL FEES FOR PERMITS AND INSPECTIONS APPLICABLE TO THEIR TRADE AND SHALL OBTAIN ALL CERTIFICATES OF INSPECTIONS.
4. PROVIDE ONE (1) YEAR GUARANTEE ON ALL MATERIALS AND WORKMANSHIP PERFORMED UNDER EACH CONTRACT.
5. VERIFY ID AND MAKE FINAL CONNECTIONS TO ALL PLUMBING FIXTURES. PROVIDE 'P' TRAPS, 12" AIR CHAMBERS, SUPPLIES AND STOPS, HANGERS, CARRIERS AND MISCELLANEOUS RELATED ITEMS. PROVIDE STOPS FOR EVERY FIXTURE INCLUDING IRONS.
6. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS UNLESS SPECIFICALLY DIMENSIONED. COORDINATE THE WORK WITH ALL TRADES TO AVOID INTERFERENCE. PLUMBING WORK THAT IS INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER TRADES DUE TO THE LACK OF COORDINATION SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.
7. CONTRACTOR SHALL PROVIDE ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION AND USUALLY INCLUDED IN SIMILAR WORK EVEN THOUGH NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS. SUCH ITEMS ARE BOLTS, NUTS, ANCHORS, HANGERS, BRACKET SLEEVES, MINOR OFFSETS IN PIPING BECAUSE OF INTERFERENCE OBSTRUCTIONS, ETC.
8. THE CONTRACTOR SHALL REMOVE FROM THE PREMISES ALL RUBBISH ACCUMULATED AND GENERATED AND KEEP EACH BUILDING AREA CLEAN DURING THE PROGRESS OF THE PLUMBING WORK.
9. NOT USED.
A. SOIL, WASTE AND VENT PIPING 3" AND LARGER: SERVICE WEIGHT CAST IRON SOIL PIPE WITH DRAINAGE FITTINGS AND 2-1/2" AND SMALLER: GALVANIZED STEEL PIPING WITH CAST IRON DRAINAGE FITTINGS OR TYPE L COPPER W/DWV FITGS.
B. DOMESTIC HOT AND COLD WATER PIPING: TYPE L, HARD DRAWN COPPER WITH WROUGHT SWEAT FITTINGS. SOLDER ALL FITTINGS WITH 95-5 SOLDER.
10. CLEAN ALL DOMESTIC HOT AND COLD WATER PIPING SYSTEM AND CHLORINATE IN ACCORDANCE WITH THE METHOD PRESCRIBED BY AWWA PRIOR TO TURNING OVER TO THE OWNER.
A. TEST ALL HOT AND COLD WATER PIPING HYDROSTATICALLY AT 100 PSI.
B. TEST OF DRAINS BY FILLING WITH WATER UP TO THE HIGHEST POINT IN THE SYSTEM.
12. EXTERIOR HOT AND COLD WATER PIPES 3" AND SMALLER SHALL BE COPPER TYPE 'L'.
13. PIPE HANGERS AND SUPPORTS:
A. ONE CLAMPS AND SUPPORTS WILL BE AS MANUFACTURED BY FEE AND MASON, CRANFORD COMPANY OR APPROVED MANUFACTURER.
B. EACH PIPING SYSTEM WILL BE SUPPORTED FROM THE BUILDING STRUCTURE, CEILINGS, ETC. USING APPROVED TYPE HANGERS AND ATTACHMENTS OF DESIGN AND NUMBER. THE HANGERS AND ATTACHMENTS WILL BE OF STEEL AND/OR COPPER-COATED CONSTRUCTION, PROVIDED WITH MEANS OF ADJUSTMENT AFTER ERECTION OF THE PIPING. HANGER RODS WILL BE OF SOLID MILD STEEL AND/OR COMPATIBLE WITH HANGER MATERIAL AND MAY BE CONTINUOUSLY THREADED.
14. SHUTOFF VALVES TO BE 125 PSI RATED GATE VALVES OR 400PSIG RATED BALL VALVES.
15. NOT USED
16. WHERE TWO DISSIMILAR METALS ARE JOINED TO MAKE A WATER CONNECTION, FURNISH AND INSTALL A DIELECTRIC UNION TO PREVENT ELECTROLYSIS.
17. VERIFY INVERT ELEVATION OF SEWER CONNECTIONS WITH SITE-WORK AND ENSURE 1% SLOPE MINIMUM.
18. CONTRACTOR SHALL COORDINATE NEW WORK WITH OTHER TRADES. ALL NEW WORK TO BE CONCEALED WITHIN FINISHED SPACES.
19. CONTRACTOR SHALL PROVIDE SLEEVES, PIPES PASS THROUGH INTERIOR WALLS AND FLOORS. PROVIDE FIRE RESISTANT (FIRE-STOP) SEALING COMPOUND AROUND ALL PIPES WHICH PENETRATE WALL/FLOOR CONSTRUCTION.

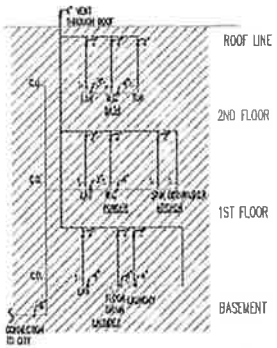
ELECTRICAL NOTES:

1. ALL WORK MUST BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR UNDER WORK MUST COMPLY WITH CITY OF CHICAGO ELECTRICAL CODE.
2. THE ELECTRICAL CONTRACTOR IS TO OBTAIN AND PAY FOR PERMIT AND INSPECTION FEES, AND PROVIDE CERTIFICATE INDICATING THAT ALL WORK COMPLIES WITH THE APPLICABLE ELECTRICAL CODES.
3. LAYOUT IS DIAGRAMMATIC: THE CONTRACTOR MUST INSTALL ALL WORK TO MEET FIELD CONDITIONS AND OWNERS REQUIREMENTS.
4. WIRE IN A COMPLETE RACEWAY SYSTEM WITH ALL LIGHTING FIXTURES (TYPE VERIFIED W/OWNER), OUTLETS, BOXES, WIRING DEVICES, LIGHTING PANELS W/ BREAKERS, ALL FUSES AND DISCONNECT SWITCHES, CONDUCTORS, CONDUIT FEEDERS, BRANCH CIRCUITS, WIRING RANGERS, FITTINGS, AND ALL OTHER ELECTRICAL EQUIPMENT AS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE INSTALLATION. WIRE ALL MOTORS AND DISCONNECT SWITCHES.
5. CONDUIT MUST BE EMT WITH COMPRESSION TYPE CONDUIT FOR ALL CONDUIT SPACES.
6. UNDER FLOOR CONDUIT TO BE HEAVY WALL GALVANIZED STEEL OR IMC.
7. UNLESS OTHERWISE NOTED ALL ELECTRICAL OUTLETS SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS ABOVE RME FINISHED FLOOR.
   A. LIGHTING SWITCHES, 4'-0"
   B. RECEPTACLES: 1'-0"
   C. TELEPHONE JACKS AND TV OUTLETS 1'-0"
8. INSTALL GFCI OUTLETS IN ALL WET AREAS AS SHOWN. MOUNT MIN. 12" ABOVE COUNTER TOPS.
9. CEILING OPENINGS IN ALL HABITABLE ROOMS MUST HAVE AN OUTLET BOX AND MOUNTING SUITABLE FOR FANS.
10. DISHWASHERS, TRASH COMPACTORS AND DISPOSALS SHALL HAVE DISCONNECT SWITCH WITHIN 36IN.
11. ALL BATHROOM LIGHT FIXTURES SHALL BE GFCI PROTECTED.
12. PROVIDE GFCI OUTLETS AND REDUCED, GFCI PROTECTED OUTLETS FOR WHIRLPOOL TUB IN ALL BATHROOMS (IF APPLICABLE).
13. FILL IN ALL PANEL DIRECTORIES, IDENTIFY ALL CIRCUITS AND MAINTAIN BALANCED PHASE LODS.
14. EXTEND EXISTING DOORBELL SYSTEM TO OUTLET FLOOR, COORDINATE LOCATION W/ OWNER.

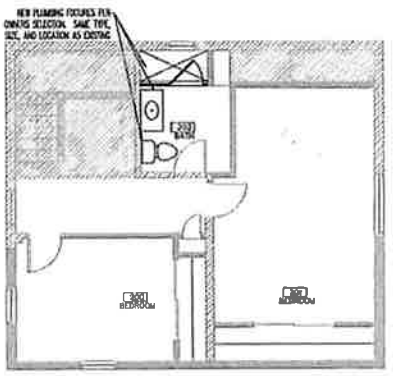
PIPE MATERIAL SPECIFICATION	
PROVIDE MATERIALS THAT CONFORM TO THE REQUIREMENTS OF THE FOLLOWING STANDARDS:	
WATER SERVICE PIPE, BELOW GRADE	STANDARD
DUCT CAST IRON	ANSI A21.12-71, AWWA C151-76
COPPER TUBING (TYPE K)	ASTM B 88-63
WATER DISTRIBUTION PIPE, ABOVE GRADE	STANDARD
COPPER OR COPPER ALLOY TUBING (TYPE K, L, OR M)	ASTM B 88-62C251-76
GALVANIZED STEEL PIPE	ASTM A 53-60
ABOVE GRADE DRAINAGE AND VENT	STANDARD
CAST IRON PIPE	ASTM A 53-80, ASTM A 74-87
COPPER OR COPPER ALLOY TUBING (TYPE K, L, M OR DW)	ASTM A 74-87
DRAIN TILE	STANDARD
POLYVINYL CHLORIDE (PVC) PLASTIC PIPE, TYPE SEWER PIPE PS20, PS50, PS100, OR SCHEDULE 40)	ASTM D 3729, PS20, PS50, PS100; ASTM D 2665, SDR 26, 35H-41; ASTM F679; CSA-B182.2, CSA CAN/CSA-B182.4



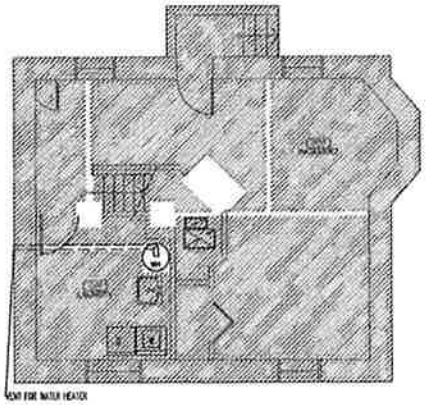
NEW/EXISTING SUPPLY DIAGRAM



NEW/EXISTING WASTE DIAGRAM



1 PROPOSED 2ND PLUMBING PLAN



2 PROPOSED BASEMENT PLUMBING

WATER HEATER SCHEDULE				
TAG	LOCATION	MAKE AND MODEL NO.	UNIFORM ENERGY FACTOR	REMARKS
WH-1	001 - LAUNDRY	RICHMOND WATER HEATER 65HOSPVE2-38P	65	GAS/ 40 GAL / POWER VENT

0 2 4 8 12 20
(IN FEET)
1/4" INCH = 1 FOOT

NOT FOR CONSTRUCTION

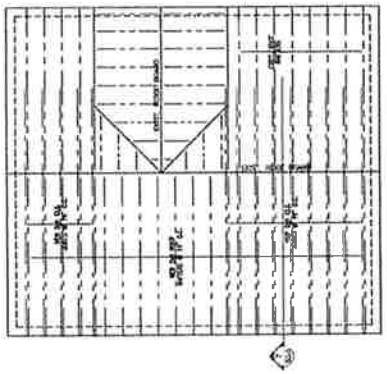
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CHICAGO IL 60625

Mario Rosado architect

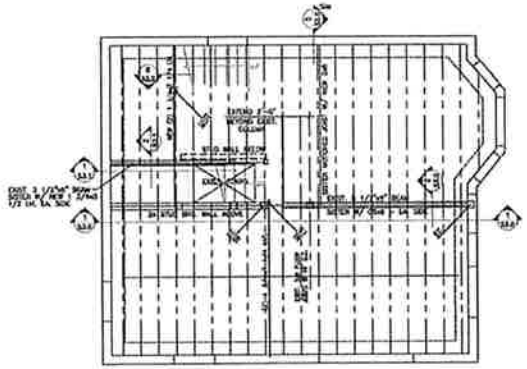
PLUMBING FLOOR PLANS AND NOTES

P1.0

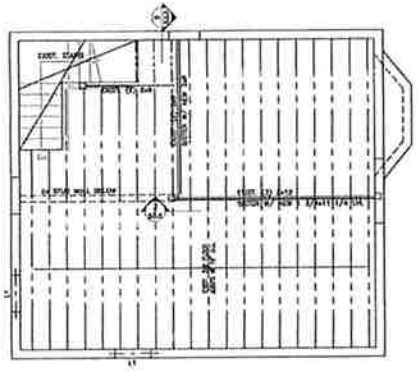
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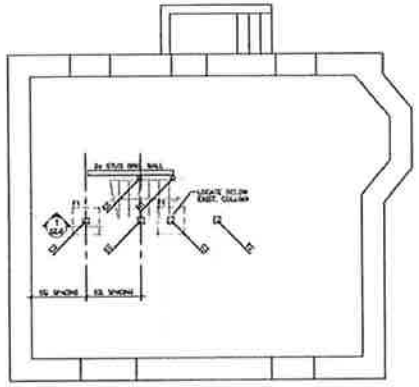
D EXISTING/PROPOSED SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



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



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



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

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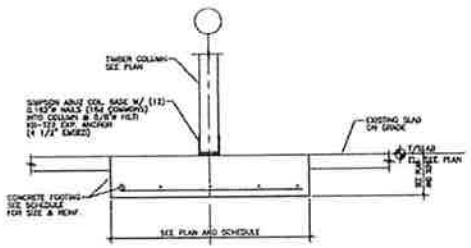
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STRUCTURAL FRAMING PLANS

S1.0

Final for Publication



1 FOUNDATION SECTION

SCALE: 3/4" = 1'-0"

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CHICAGO IL
60625

ARCHITECT OF RECORD

Mario Rosado architect

CHICAGO, IL 60625

STRUCTURAL ENGINEER
ANDREW LANE, SE
312.909.0180

I CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, COMPLY WITH ALL APPLICABLE CITY OF CHICAGO CODES.

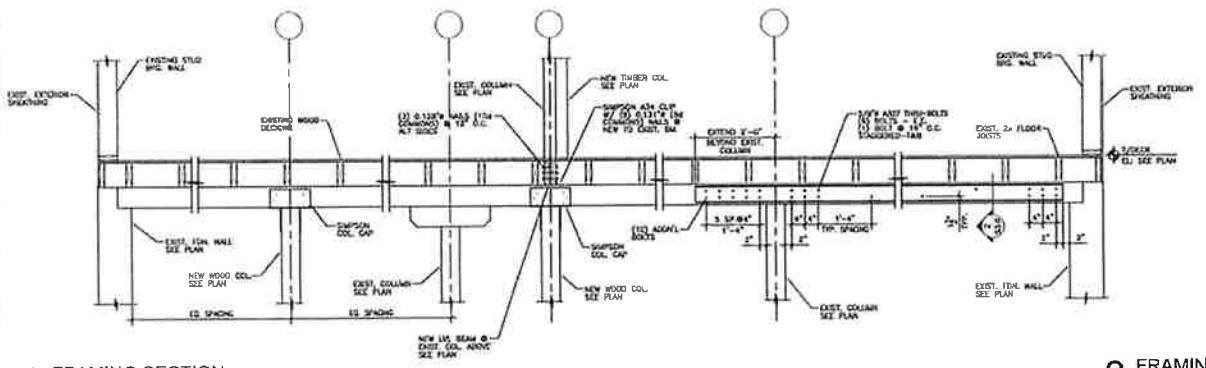
NO	DATE	ITEMS
001	05/19/23	PERMIT

ISSUED DATE 4/21/23
ISSUED FOR: REVIEW
PROJECT #: 1565

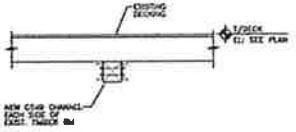
TYPICAL FOUNDATION DETAILS

S2.0

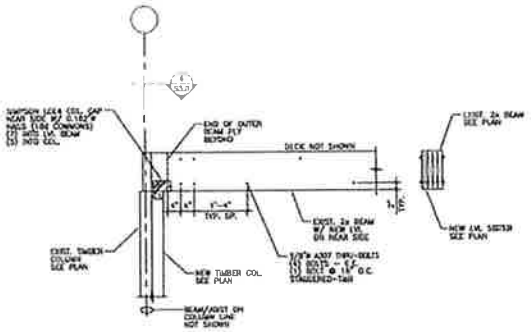
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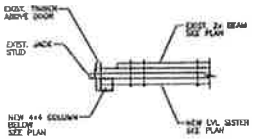
1 FRAMING SECTION
SCALE: 3/4" = 1'-0"



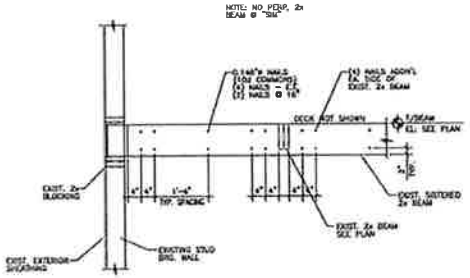
2 FRAMING SECTION
SCALE: 3/4" = 1'-0"



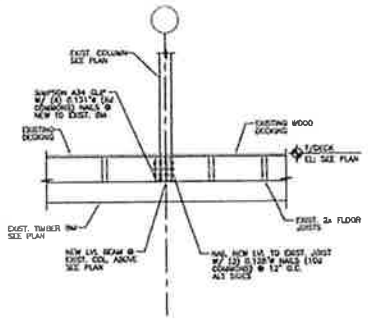
3 FRAMING SECTION
SCALE: 3/4" = 1'-0"



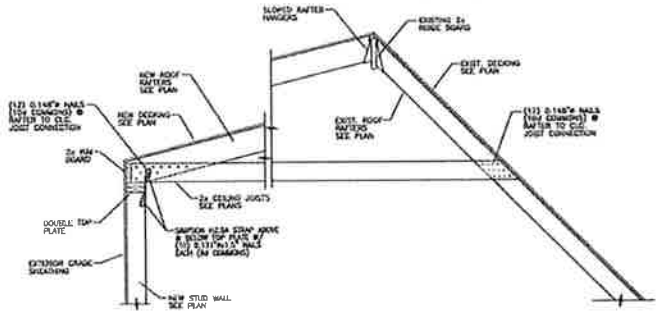
4 FRAMING SECTION
SCALE: 3/4" = 1'-0"



5 FRAMING SECTION
SCALE: 3/4" = 1'-0"



6 FRAMING SECTION
SCALE: 3/4" = 1'-0"



7 FRAMING SECTION
SCALE: 3/4" = 1'-0"

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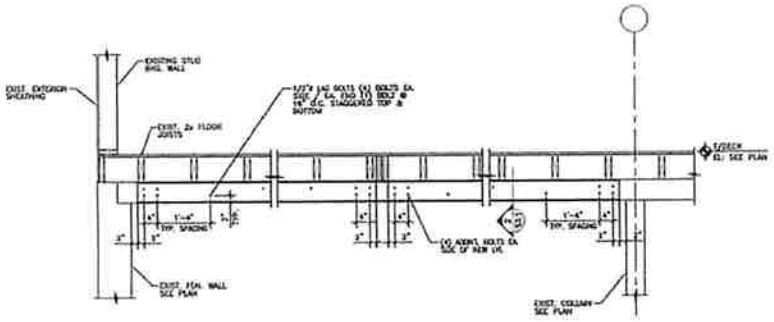
Mario Rosado architect

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ANDREW LANE, SE
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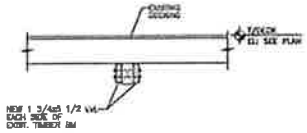
TYPICAL FRAMING DETAILS

S3.0

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1 FRAMING SECTION
SCALE: 3/4" = 1'-0"



2 FRAMING SECTION
SCALE: 3/4" = 1'-0"

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TYPICAL FRAMING DETAILS

S3.1

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DESIGN AND LOADING:

STRUCTURAL DESIGN OF THIS BUILDING IS IN ACCORDANCE WITH THE 2019 CHICAGO CONSTRUCTION CODE.

LIVE LOADS USED IN DESIGN ARE AS FOLLOWS:

GROUND SNOW LOAD	= 25 PSF
SNOW EXPOSURE FACTOR, C_e	= 1.0
SNOW LOAD IMPORTANCE FACTOR, I_s	= 1.0
THERMAL FACTOR	= 1.2
SLOPE FACTOR	= 1.0
DRIFT SURCHARGE LOAD	= N/A
WIDTH OF SNOW DRIFT	= N/A
FLAT ROOF SNOW LOAD	= 25 PSF
RESIDENTIAL	= 40 PSF
RESIDENTIAL SLEEPING AREAS	= 30 PSF
MINERALS	= 50 PLF DR
INTERMEDIATE RAILS & BALUSTERS	= 200# CONCENTRATED LOAD
	= 80# CONCENTRATED LOAD

WIND LOADS:

MWFRS:

BASIC WIND SPEED, V	= 107 MPH
EXPOSURE CATEGORY	= D
RISK CATEGORY	= II
INTERNAL PRESSURE COEFFICIENT	= ±0.18
WIND PRESSURE (PER CBC 1609.6.1)	= 33 PSF - USED

C & C DESIGN WIND PRESSURES (PER CBC 1609.6.2):

WALLS:	
WITHIN 3' OF EDGE	44.8 PSF
FIELD	38.4 PSF
ROOF:	
WITHIN 3' OF CORNER	103.4 PSF
WITHIN 3' OF EDGE	73.8 PSF
FIELD	32 PSF

WIND DESIGN NOTES:
ALL WIND LOADS ARE USED.
WALL PRESSURES ACT TOWARD OR AWAY FROM SURFACE
ROOF PRESSURES ACT AWAY FROM SURFACE

SEISMIC LOADS:

RISK CATEGORY:	= II
SEISMIC IMPORTANCE FACTOR, I_e	= 1.0
SITE CLASS:	= D

MAPPED SEISMIC SPECTRAL RESPONSE ACCELERATION PARAMETERS:

S_s	= 0.125
S_1	= 0.068

DESIGN SEISMIC SPECTRAL RESPONSE ACCELERATION PARAMETERS:

S_{ds}	= 0.133
S_{d1}	= 0.103

SEISMIC DESIGN CATEGORY = B

FOUNDATIONS:

ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY OF 1,500 P.S.F. AT AN APPROXIMATE DEPTH OF 4 FEET BELOW GRADE. ACTUAL DEPTH OF FOOTINGS AND VERIFICATION OF BEARING PRESSURE SHALL BE DETERMINED BY A QUALIFIED SOILS ENGINEER.

BEARING VALUES SHALL BE FIELD VERIFIED BY TEST PITS FOR SOIL CLASSIFICATION AND TO LOCATE GROUND-WATER TABLE AND TO DETERMINE DESIGN SOIL BEARING CAPACITY DO NOT EXCEED THE PRESUMPTIVE VALUES IN TABLE 1806.2(1) OF 2018 CBC.

ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY A SOILS TESTING LABORATORY PRIOR TO PLACEMENT OF CONCRETE.

ALL COMPACTED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 8", AND COMPACTED TO A MINIMUM DENSITY OF 95% UNDER FOOTINGS, 95% UNDER SLABS AND PAVEMENTS, OBTAINED IN ACCORDANCE WITH ASTM D-1557-78 (CONCRETE SOILS)

ALL SLAB-ON-GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS ENCOUNTERED SHALL BE REMOVED AND REPLACED TO FINISHED GRADE WITH APPROVED FILL MATERIAL. FILL MATERIAL FOR ALL SLAB AREAS SHALL BE PLACED IN LAYERS NOT EXCEEDING 8", AND COMPACTED TO A MINIMUM DENSITY OF 95%, OBTAINED IN ACCORDANCE WITH ASTM D-1557-78 (CONCRETE SOILS).

PLACE BACKFILL EQUALLY ON BOTH SIDES OF FOUNDATION WALLS OR GRADE BEAMS.

CONCRETE AND REINFORCING:

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE "AMERICAN CONCRETE INSTITUTE BUILDING CODE" (ACI 318-14) AND WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-14).

ALL NORMAL WEIGHT CONCRETE (145 P.C.F.) SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

FOOTINGS	= 3000 PSI
FOUNDATION WALLS/PIERS	= 3000 PSI
SLABS-ON-GRADE	= 3500 PSI

CALCIUM CHLORIDE AND/OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED IN CONCRETE.

ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE WITH SPECIFIED STRENGTH LESS THAN 3000 PSI SHALL BE AIR ENTRAINED 4% TO 8%.

TEST CYLINDERS SHALL BE MADE AND TESTED AS OUTLINED IN CHAPTER 19 OF ACI- 301 SPECIFICATION OR FOR ARCHITECTURAL SPECIFICATIONS.

COLD WEATHER CONCRETING SHALL BE DONE IN ACCORDANCE WITH ACI-306. HOT WEATHER CONCRETING SHALL BE DONE IN ACCORDANCE WITH ACI-305.

REINFORCING BARS SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM SPECIFICATION A-615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. ALL REINFORCING AND ACCESSORIES SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI STANDARDS 315 AND 315R.

WELDING OF REINFORCING BARS WILL ONLY BE ALLOWED WHEN SHOWN ON THE STRUCTURAL DRAWINGS. IN NO INSTANCE SHALL WELDING BE DONE AT THE BEND OF A BAR. NOR SHALL THERE BE ANY TACK WELDING DONE BETWEEN CROSSING BARS. WHEN WELDING IS SHOWN, PROCEDURES SHALL BE IN ACCORDANCE WITH AWS D1.4/D1.4M:2011, "STRUCTURAL WELDING CODE - REINFORCING STEEL INCLUDING METAL INSERTS AND CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION"

PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITIONS SHOWN ON THE PLANS AND DETAILS. PLASTIC COATED ACCESSORIES SHALL BE USED IN ALL EXPOSED CONCRETE WORK.

FOUNDATION WALLS AND GRADE BEAMS SHALL HAVE A MINIMUM OF 2#6 BARS TOP AND BOTTOM CONTINUOUS, UNLESS OTHERWISE SHOWN OR NOTED.

PLACE 2#6 BARS (EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE, UNLESS OTHERWISE SHOWN OR NOTED.

DOWELS ON SPLICE BARS SHALL BE FURNISHED IN ACCORDANCE WITH ACI STANDARDS 315 AND 318R. DOWELS SHALL BE PROVIDED AT ALL WALL CORNERS, EQUAL TO THE HORIZONTAL WALL REINFORCEMENT.

MINIMUM LAP OF REINFORCEMENT BARS SHALL BE EQUIVALENT TO A CLASS "B" SPLICE, UNLESS NOTED OTHERWISE.

CONTROL JOINTS FOR SLABS-ON-GRADE SHALL BE IN A SQUARE PATTERN AND BE NOT MORE THAN 20 FT. O.C., UNLESS NOTED OTHERWISE ON PLAN.

GENERAL CONTRACTOR SHALL CHECK WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND CONTRACTORS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, INSERTS, SLAB DEPRESSIONS AND OTHER ITEMS RELATED TO THE CONCRETE WORK, AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR PROPER LOCATION BEFORE PLACING CONCRETE. PITCH CONCRETE SLABS AS REQUIRED TO ALL FLOOR DRAINS.

NO STRUCTURAL CONCRETE SHALL BE POURED UNTIL THE CONCRETE DESIGN MIXES, THE CONCRETE PLACEMENT PROCEDURES, THE LOCATION OF CONSTRUCTION JOINTS AND THE SETTING OF REINFORCING STEEL IS REVIEWED BY THE ENGINEER.

NO ALUMINUM OF ANY TYPE SHALL BE ALLOWED IN THE CONCRETE WORK, UNLESS COATED TO PREVENT ALUMINUM-CONCRETE REACTION. THIS INCLUDES PUMPING THROUGH ALUMINUM PIPE.

THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

	MINIMUM COVER IN.
(A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH...	3
(B) CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 THROUGH #18 BARS...	2
#5 BAR, W31 OR D31 WIRE, AND SMALLER...	1 1/2
(C) CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLABS, WALLS, JOISTS:	
#14 AND #18 BARS...	1 1/2
#11 BAR AND SMALLER...	3/4
BEAMS, COLUMNS:	
PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS...	1 1/2
SHELLS, FOLDED PLATE MEMBERS:	
#6 BAR AND LARGER...	3/4
#5 BAR, W31 OR D31 WIRE, AND SMALLER...	1/2

WOOD:

MINIMUM LUMBER STRESS GRADES SHALL BE AS FOLLOWS: SOUTHERN PINE NO. 2 MEDIUM GRADE

MOISTURE CONTENT SHALL NOT BE GREATER THAN 18%.

PROVIDE 1"x4" OR METAL CROSS BRIDGING NOT OVER 8 FEET ON CENTER FOR ALL WOOD JOISTS.

PROVIDE SOLID BLOCKING OF THE SAME DIMENSIONS AS THE JOISTS BETWEEN JOISTS AT SUPPORTS.

PROVIDE SOLID BLOCKING OF THE SAME DIMENSIONS AS THE STUDS BETWEEN STUDS AT MIDPOINT (U.N.O.).

LAMINATED MEMBERS TO BE DETAILED AND FABRICATED IN ACCORDANCE WITH U.S. COMMERCIAL STANDARD PS 56-73, LATEST EDITION, "STRUCTURAL GLUED LAMINATED TIMBER".

ALLOWABLE UNIT STRESSES FOR LAMINATED MEMBERS:

BENDING:	= 2800 PSI BENDING
HORIZONTAL SHEAR:	= 265 PSI

LAMINATED VENEER LUMBER (LVL) SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Fb	= 2,800 PSI
E	= 2,000,000 PSI

PARALLEL STRAND LUMBER (PSL) SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Fb	= 2,900 PSI	- COLUMNS
Fc	= 2,900 PSI	- BEAMS
E	= 1,800,000 PSI	- COLUMNS
	= 2,000,000 PSI	- BEAMS

CONTRACTOR SHALL SUBMIT MFR. SPECS FOR APPROVAL IF OTHER THAN THOSE SHOWN

PLYWOOD SHOWN FOR FLOOR DECKS, ROOF DECKS AND WALL SHEATHING SHALL MEET ALL REQUIREMENTS OF U.S. PRODUCT STANDARD PS-1, LATEST EDITION, FOR STRUCTURAL I GRADE MATERIAL, EXTERIOR GRADE

WOOD TRUSSES: SHOP DRAWINGS AND CALCULATIONS BEARING A REGISTERED ENGINEER'S CERTIFICATION SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION AND SHALL CONTAIN THE FOLLOWING INFORMATION FOR EACH TYPE AND SIZE OF TRUSS TO BE PROVIDED:

1. SLOPE OR DEPTH, SPAN AND SPACING
2. LOCATION OF ALL JOINTS AND SUPPORT LOCATIONS
3. NUMBER OF PLYS IF CREATION THAN ONE
4. MOUNTED BEARING WIDTHS
5. DESIGN LOADS AS APPLICABLE, INCLUDING:
   - 5.1. TOP CHORD LIVE LOAD
   - 5.2. TOP CHORD DEAD LOAD
   - 5.3. BOTTOM CHORD LIVE LOAD
   - 5.4. BOTTOM CHORD DEAD LOAD
   - 5.5. ADDITIONAL LOADS AND LOCATIONS
   - 5.6. ENVIRONMENTAL DESIGN CRITERIA AND LOADS (SUCH AS WIND, RAIN, SNOW, ETC.)
6. OTHER LATERAL LOADS, INCLUDING BRACE STRUT LOADS
7. ASSUMPTIONS TO WOOD MEMBERS AND METAL CONNECTOR PLATE DESIGN VALUE FOR CONDITIONS OF USE
8. MAXIMUM REACTION FORCE AND DIRECTION, INCLUDING MAXIMUM UPLIFT REACTION FORCES WHERE APPLICABLE
9. JOINT CONNECTION TYPE AND DESCRIPTION, SUCH AS SIZE AND THICKNESS OF PLATE AND THE LOCATION AND VIEW OF EACH JOINT CONNECTION EXCEPT WHERE SYMMETRICALLY LOCATED RELATIVE TO THE JOINT INTERFACE
10. SIZE, SPECIES AND GRADE FOR EACH WOOD MEMBER
11. TRUSS-TO-TRUSS CONNECTIONS AND TRUSS FIELD ASSEMBLY REQUIREMENTS
12. CALCULATED SPAN-TO-DEFLECTION RATIO AND MAXIMUM VERTICAL AND HORIZONTAL DEFLECTION FOR LIVE AND TOTAL LOAD AS APPLICABLE
13. MAXIMUM AXIAL TENSION AND COMPRESSION FORCES IN THE TRUSS MEMBERS
14. REQUIRED PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT LOCATION AND THE METHOD AND DETAILS OF RESTRAINT/BRACING TO BE USED IN ACCORDANCE WITH SECTION 2303.4.1.2

TRUSSES SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH NDS-2018 AND TPI 1-2014 TO SUPPORT THE FOLLOWING SUPERIMPOSED LOADS.

ROOF TRUSSES:	T.C. DL	= 10 PSF
	T.C. LL	= SEE "DESIGN & LOADING"
	B.C. DL	= 5 PSF
ROOF TERRACE TRUSSES:	T.C. DL	= 15 PSF
	T.C. LL	= SEE "DESIGN & LOADING"
	B.C. DL	= 5 PSF
FLOOR TRUSSES:	T.C. DL	= 23 PSF (INCLUDES 15 PSF PARTITIONS)
	T.C. LL	= SEE "DESIGN & LOADING"
	B.C. DL	= 5 PSF

CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO ENSURE PROPER ALIGNMENT AND STABILITY OF TRUSSES DURING CONSTRUCTION PER THE TRUSS PLATE INSTITUTE'S PUBLICATION BWT-76, "BRACING WOOD TRUSSES - COMMONLY USED RECOMMENDATIONS".

PROVIDE FLOOR AND ROOF TRUSS BRIDGING AS REQUIRED BY MFR. PROVIDE ADDITIONAL BRACING OF ROOF TRUSSES AS REQUIRED FOR LATERAL BRACING UNDER SERVICE LOADS.

FLOOR AND ROOF TRUSS METAL CONNECTION PLATES SHALL COMPLY WITH TPI1-2014. GALVANIZED OR COATED CONNECTORS SHALL BE USED FOR ALL OUTDOOR WOOD INSTALLATIONS.

ALL OUTDOOR EXPOSED WOOD SHALL BE TREATED AS PER ARCHITECTURAL SPECIFICATIONS.

MINIMUM NAILED CONNECTIONS FOR WOOD FRAMING MEMBERS SHALL BE IN ACCORDANCE WITH THE FASTENING SCHEDULE GIVEN IN TABLE 2304.10.1 OF THE INTERNATIONAL BUILDING CODE 2018.

PROVIDE SOLID BRIDGING FOR TAPERED 2x6's AT 6'-0" O.C. (MAX.)

VERIFY WEIGHT & LOCATION OF MECHANICAL UNITS AND SKYLIGHTS WITH MECH. AND ARCH. DRAWINGS.

DEFLECTION CRITERIA OF INDIVIDUAL MEMBERS SHALL BE AS FOLLOWS:

LIVE LOAD DEFLECTION	= L/480 MAX.
TOTAL LOAD DEFLECTION	= L/360 MAX.

DEFLECTION CRITERIA, ACCUMULATED TOTAL LOAD OF ALL MEMBERS = L/360. PROVIDE CAMBER IN TRUSS GIRDERS EQUAL TO CALCULATED DEAD LOAD DEFLECTION.

TRUSS GIRDER DESIGN CONCENTRATED LOADS AS NOTED ON PLANS PLUS UNIFORM LOAD DETERMINED FROM ACTUAL SPACING. IF MULTIPLE PLY TRUSSES ARE USED, THEY MUST BE STAGGERED CONSISTENTLY SUCH THAT ALL LOADS ARE EQUALLY SUPPORTED BY ALL PLYS.

TRUSS SUPPLIER TO SUBMIT CONNECTION DETAILS FOR ALL HEADERS AND MEMBERS WHICH FRAME INTO TRUSSES.

CITY STAMP

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PROJECT INFORMATION

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ARCHITECT OF RECORD

Mario Rosado architect
3401 W. Devon Ave. #59238
CHICAGO, IL 60659
T. 312 525 5131

STRUCTURAL ENGINEER

ANDREW LANE, SE
312 909 0180

I CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH ALL APPLICABLE CITY OF CHICAGO CODES

REVISIONS

NO.	DATE	ISSUED
1	01/15/25	FOR PERMIT

ISSUED DATE: 10/15/24
ISSUED FOR: PERMIT
PROJECT #: 2306

SHEET TITLE

GENERAL NOTES

S4.0

SHEET NUMBER