Final for Publication

17-13-0303-C(1) Type 1 Narrative & Plans – 4936 North Lincoln Avenue #1S, Chicago, IL

Proposed Zoning: B2-3 Neighborhood Shopping District

Lot Area: 6,250 sq. ft.

Proposed Land Use: The Applicant is proposing convert the existing ground floor retail unit within the existing mixed-use building into a business live/work unit. When complete, the resulting building will contain two (2) business live/work units at grade and six (6) dwelling units above. No changes are proposed to the height or footprint of the existing building. The subject property is a Transit Served Location and will continue to be supported by six (6) off-street parking spaces. Pursuant to Sec. 17-13-0303-D optional Administrative Adjustment and Variation and pursuant to Sec. 17-13-1003-EE of the Chicago Zoning Ordinance, the Applicant is seeking to increase the off-street parking requirement for a Transit Served Location from 50% (four (4) parking spaces) to 75% (six (6) parking spaces) and is seeking all relief necessary, as allowed by the code, for the attached Type 1 Plan Set.

(A) The Project's Floor Area Ratio: 18,750 square feet (0.56 FAR)

(B) The Project's Density (Minimum Lot Area Per D.U.): 781.25 square feet per D.U. (6 residential units and 2 live/work units)

(C) The amount of off-street parking: 6 parking spaces

*The subject property is a designated Transit Served Location (CTA Brown Line Western station).

(D) Setbacks:

a. Front Setback: zero (existing)
b. Side Setbacks:
Northwest Side: 2 feet-6 inches (existing)
Southeast Side: 2 feet-6 inches (existing)
c. Rear Setback: 39 feet (existing)

(E) Building Height: 54 feet (existing)

GENERAL CONDITIONS

The 1993 edition of the AIA Standard AIA1 General Conditions of the contract for construction shall apply to the construction phase of this project, unless otherwise noted. If any requirements of the General Conditions are found to be in conflict with the Specifications, the Specifications shall govern. Each contractor is responsible for the entire project and not just the portion of the work in which he is employed.

It is understood that the data to be supplied by owners are for general information & that the contractor is responsible for verifying all dimensions & conditions at the site. Any discrepancies or omissions found between the drawings & specifications & actual conditions existing at the site shall be reported to the architect before any work is performed. Failure to do so will invalidate any claim by the contractor for compensation for any extra work done to correct such discrepancies.

The owner & architect will not be responsible for any deviations from the construction documents made without their knowledge & consent. Do not scale drawings. Written dimensions govern. Contractor shall verify all dimensions on the job & shall be responsible for the correctness of same. Any discrepancies shall be reported to the architect before proceeding with the work. Contractor shall coordinate all work of the various trades involved in this project.

The owner & architect reserve the right to reject any work not in accordance with the intent of the contract documents & to require its removal & correction at the contractor's expense.

CONTRACTORS' RESPONSIBILITIES

The scope of the work described herein includes furnishing all materials, labor, tools, plant, supplies, equipment, transportation, supervision, insurance, taxes and all other services and facilities necessary to complete the work described in these documents. Contractor shall visit the site prior to submitting his bid to determine actual field conditions that may affect his bid. The submitting of a bid for the project will serve as notice that Contractor has made aforesaid determinations, & no additional claims will be allowed for failure to do so. Contractor shall notify the architect of any discrepancy or omission in the Construction Documents which affect the work, prior to submitting his bid.

INSURANCE

Contractor shall submit, prior to commencement of work, Certificate of Insurance naming owner, Architect and their agents as Additional Insured. Conform with owner insurance requirements. (A) Public Liability of not less than $2,000,000.00 (Two Million) Contractor's Protective Liability, covering operation and subtypes, completed operations coverage's and bread form blanket contractual liability insurance.

(B) Workman's Compensation and Employer's Liability Insurance as required by law. Contractor shall carry all other statutes applicable where the work is to be performed as will protect Owner & Contractor from liability under Compensation Acts.

(C) Comprehensive Automobile Liability Insurance, including the ownership, maintenance, and operation of automotive equipment owned, hired and non-owned, $300,000/1,000,000.00 limits.

Contractor agrees to hold aforesaid insurance on all O.S.H.A. and similar liability requirements and to comply with all such requirements as they apply to the methods and devices used in the execution of the work. Contractor shall also comply with applicable ordinances passed January 2003, see sections 11-124-380-440, inclusive.

GUARANTEE

All work performed and materials utilized shall be guaranteed for a period of one year (minimum) unless noted otherwise, after the date of substantial completion, against defective workmanship and/or materials. Contractor agrees to remedy such defects in a timely manner at no additional cost to the owner.

CLEAN-UP

Contractor shall keep the project area reasonably clean at all times, and thoroughly clean the premises at the end of each day's work during the course of the Construction. Final cleaning shall be performed just prior to occupancy by the owner.

OWNERSHIP OF DOCUMENTS

The drawings herewith & the architectural design inferred from and the plans jointly thereof are the property of the architect who is the author thereof and are not to be copied or reproduced without permission from the architect.

APPLICABLE STANDARDS

In procuring materials and installing same for this project, it shall be the responsibility of the contractor to verify the detailed requirements of all applicable codes and standards as well as manufacturer's standards, recommendations and specifications, and comply with same where more restrictive. The building codes and ordinances of Chicago, Cook County, will be considered as a minimum standard in the construction of this project and will take precedence over any and the lack of any better information contained in these specifications. Comply also with Chapter 18-13 of the Chicago Building Code.

BUILDING PERMITS

All building permits and fees are the responsibility of the contractor

GENERAL NOTES

1. Care shall be taken during work not to damage portions of the existing structure that are to remain.
2. The general contractor shall verify all existing dimensions, elevations and conditions in the field prior to start of work. The general contractor shall notify the architect of any discrepancies or interferences.

BUILDING INSULATION

Ceiling – R-60 insulation at roof. (Flat or Sloping Ceilings)
Masonry Wall – R-21.3" Owens Corning Foamular 250 Insul 97.1 per inch (Dow Board or equal)
Frame Wall – R-30 6.3" Owens Corning Foil Insul 97.1 per inch (Dow Board or equal)

FLASHING AND SHEET METAL WORK

Furnish and install all flashing, counterflashings, cleats, and trim as required to prevent water penetration between other materials meeting good trade and practice & weathertightness of roof. Coordinate with masonry construction and other trades for installation of all materials noted in this section. All flashings to be min. 24 ga. galvanized sheet metal, or prefinished aluminum (.032 min.) in colors as approved. Flashings shall be extended up to roof and to sections 15 y/ galvanized flashing over roof type.

ROOF VENTS

Furnish and install roof vents, with insect screen, as indicated on the Drawings. Vents shall be aluminum prefinished standard color to match roofing unless noted otherwise. This work is the responsibility of the roofing contractor. 1Sq.ft. per 150 sq.ft./net area.

GUTTERS AND DOWNSPOUTS

All gutters shall be prefinished aluminum .032 minimum thickness. Gutter style with maximum joints and continuous cleat were floating expansion and contraction joints towards downspouts.

All downspouts shall be prefinished aluminum .025" minimum thickness of corrugated prefinished aluminum. All gutter and downspout work shall be installed and constructed per SMACNA recommended minimums.

CAULKING AND SEALANTS

All caulking for exterior surfaces to be Thomas Dynamic sealant to match adjacent surfaces. Backing for caulking joints to be closed cell polyethylene foam rope, set to proper depths for maximum caulking performance as per manufacturer's recommendations. Clean adjacent surfaces which have been soiled by caulking immediately.

PAINTING, RELOCATED

Provide all necessary materials and labor to complete the proper installation of the work as shown on the Drawings and required per manufacturer's specifications and recommendations. All joints to be finished. All exposed to be glued and screwed as per manufacturer's recommendations.

PAINTING

GENERAL

Provide complete painting work as shown on the Drawings and specified herein. Comply with Home approved rating regulated by code.

PREPARATION

Inspect surfaces to be finished and conditions of building before starting work, and report to the architect any defects. Do not paint over dirt or items with an invalid finish. Starting of work and installation implies acceptance of conditions and substrates. Remove and protect all hardware, lighting fixtures, etc., before painting. Protect all finished surfaces, in areas where paint is being applied, with drop cloths and suitable coverings. Clean all surfaces to be painted as required to remove oil, grease, dust, dirt, and other foreign substances. Sand where necessary to properly prepare surfaces to receive finish.

INTERIOR WALL & CEILING FINISHES

Paint: All pipe to receive prime coat and two coats finish paint, color, semi-gloss. Prior to beginning work, the contractor shall submit samples of colors for all surfaces to be painted. Each coat of paint shall be slightly lighter or darker than the preceding coat.



N

TRANSIT PROXIMITY MAP

0 400' 800'

SWORN STATEMENT FOR TRANSIT SERVED PROJECT

I, JOHN HANNA OF HANNA ARCHITECTS INC. HEREBY STATE TO THE BEST OF MY ACTUAL KNOWLEDGE AND BELIEF THAT THE DISTANCE FROM THE CTA BROWN LINE WESTBOUND STOP TO THE NEAREST BOUNDARY POINT OF THE PROPOSED SITE AT 4936 N. LINCOLN AVE BY A STRAIGHT LINE IS 2,060.00 WHICH IS LESS THAN THE REQUIRED 2,640.00'

SIGNED: _____ DATE: AUGUST 28, 2025

(NAME) (ILLINOIS LICENSE NUMBER) 001-018137

2018 IECC ENERGY EFFICIENCY REQUIREMENTS

(CONTRACTOR TO COMPLY WITH)

2018 IECC FOUNDATIONS:
303.2.1 A RIGID INSPECTION CONFORMING TO 719 SHALL BE INSTALLED TO PROTECT EXPOSED EXTERIOR INSULATION AND EXTENDED A MIN. OF 6 IN. BELOW GRADE.

2018 IECC FENESTRATION:
402.4.5 (C-402) RESTRICTED LIGHTING FIXTURES SEALED AT HOUSING/INTERIOR FINISH AND LAMP/LENS TO INDICATE 2.0 CFM LEAKAGE AT 75 PA.
403.2.1 SUPPLY DUCTS IN ATTICS ARE INSULATED TO R-8. ALL OTHER DUCTS IN UNCONDITIONED SPACES OR OUTSIDE THE BUILDING ENVELOPE ARE INSULATED TO R-6
403.2.2 ALL JOINTS AND SEAMS OF AIR DUCTS, AIR HANDLERS, FILTER BOXES, AND BUILDING CAVITIES USED AS RETURN DUCTS ARE SEALED.
403.2.3 BUILDING CAVITIES ARE NOT TO BE USED FOR SUPPLY DUCTS.
403.3 HVAC PIPING CONVEYING FLUIDS ABOVE 105°F OR CHILLED FLUIDS BELOW 55°F ARE INSULATED TO R-3
403.4 CIRCULATING SERVICE HOT WATER PIPES ARE INSULATED TO R-3
403.5 AUTOMATIC OR GRAVITY DAMPERS ARE INSTALLED ON ALL OUTDOOR AIR INTAKES & EXH.
2018 IECC FINAL INSPECTION
402.1.1 CEILING INSULATION (U-VALUE) WHERE 49-30 IS REQUIRED R-30 CAN BE USED IF FULL IS NOT COMPROMISED AT EAVES. R-30 MAY BE USED FOR 300 FT OR 25% (WHICHEVER IS LESS) WHERE SUFFICIENT SPACE IS NOT AVAILABLE.
303.1.1 CEILING INSULATION INSTALLED PER MFR'S INSTRUCTIONS (BLOWN INSUL MARKED EVERY 300 FT
402.4.1 ATTIC ACCESS HATCH AND DOOR INSULATION R-VALUE OF THE ASSEMBLY
402.4.2 BUILDING ENVELOPE TIGHTNESS VERIFIED BY BLOWER DOOR TEST OF 4.9 ACH AT 50 PA. THIS REQUIREMENT MAY INSTEAD BE MET VIA VISUAL INSPECTION IN WHICH CASE VERIFICATION MAY NEED TO OCCUR DURING INSULATION INSPECTION.
402.4.3 WHERE BURNING FIREPLACES HAVE GASKETED DOORS AND OUTDOOR COMBUSTION AIR
403.2.2 PER CONSTRUCTION QUALITY INSPECTIONS "TEST RESULT OF 4 CFM PER OUTDOORS, OR 1/4 CFM PER SQUARE FOOTAGE, OR, PER 4 - TEST RESULT OF 4 CFM AGAINST SYSTEM OR 3 CFM PER SQUARE FOOT AND ANY KNOWLEDGE, ENGLISH OR TEST VERIFICATION MAY NEED TO OCCUR DURING FRAMING STAGES
403.1.1 PROGRAMMABLE THERMOSTATS INSTALLED ON FORCED AIR FURNACES
404.1 50% OF LAMPS IN PERMANENT FIXTURES ARE HIGH EFFICACY LAMPS.
401.3 COMPLIANCE CERTIFICATE POSTED
313.3 MANUFACTURER MANUALS FOR MECHANICAL AND WATER HEATING EQUIPMENT HAVE BEEN PROVIDED

CHICAGO ENERGY TRANSFORMATION CODE TO BE COMPLIED WITH
INCLUDING CHAPTER R401 ENERGY PATH OR HERS CERTIFICATION



CTA BROWN LINE WESTERN

EXISTING ZONING DATA:

LOT AREA – 50.00' x 125.00' = 6,250 SQFT
F.A.R. – 2.2
MAX BUILDABLE – = 13,750 SQFT.

EXIST BUILDING SQUARE FOOTAGE:
1ST FLOOR – 3,227.70 SQ FT
2ND FLOOR – 3,309.90 SQ FT
3RD FLOOR – 3,309.90 SQ FT
4TH FLOOR – 3,308.05 SQ FT
TOTAL = 13,748.55 SQ FT.

STATEMENT THAT COMPLIANCE WITH THE ENERGY CODE IS NOT REQUIRED

I CERTIFY THAT I AM A REGISTERED DESIGN PROFESSIONAL AND THAT THIS PROJECT I ALSO CERTIFY THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THE ATTACHED PLANS FOR 4936 N LINCOLN AVE DO NOT NEED TO COMPLY WITH THE CHICAGO ENERGY TITLE CODE 14H.

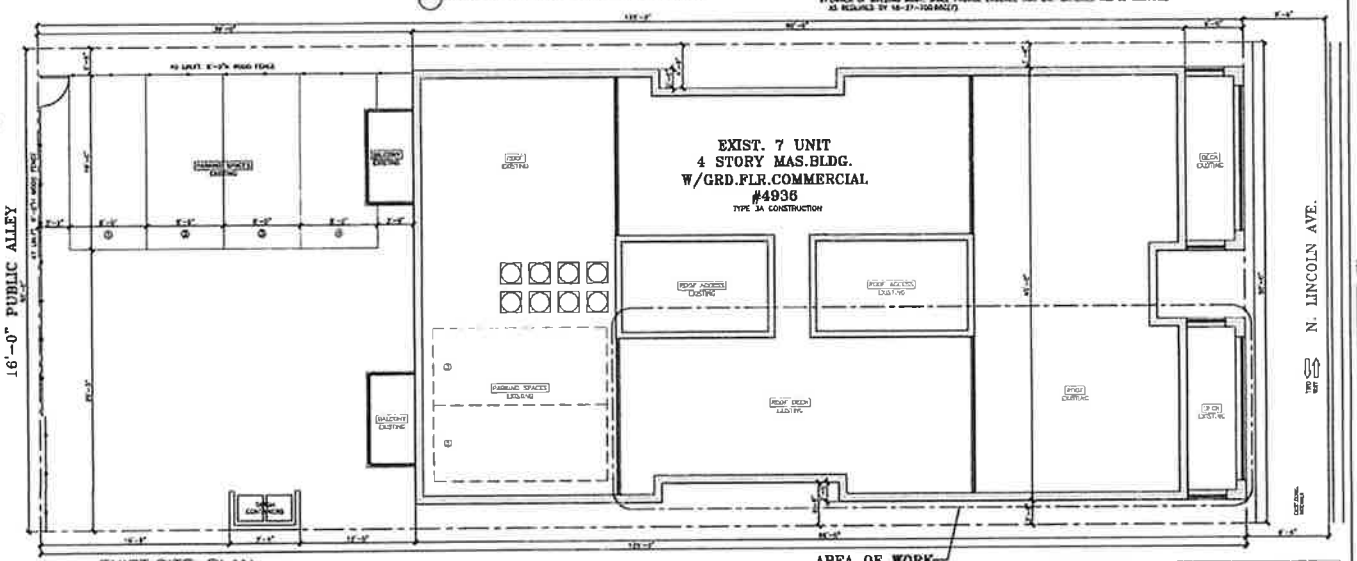
THIS PROJECT WILL NOT COMPLY BECAUSE NO SQUARE FOOTAGE IS BEING ADDED

SIGNED _____ DATE: AUGUST 28, 2025

(NAME) JOHN HANNA
(ILLINOIS LICENSE NUMBER) 001-018137

ELECTRICAL NOTES

1. ALL LIGHT SWITCHES TO BE MOUNTED AT 36" A.F.F. UNLESS NOTED OTHERWISE.
2. ALL THERMOSTATS TO BE LOCATED AT 48" A.F.F. AND ALL PHONE TO BE MOUNTED AT 24" A.F.F. UNLESS NOTED OTHERWISE.
3. ALL SWITCHES, OUTLETS, CABLE TV, JACKS, AND TELEPHONE WALL JACK OUTLETS TO BE VERIFIED AND COORDINATED WITH OWNER PRIOR TO PURCHASE AND INSTALL. OTHERWISE NOTED OTHERWISE
4. CONTRACTOR TO PROVIDE ALL NECESSARY POWER TO MECHANICAL EQUIPMENT AS REQUIRED.
5. ALL WALL OUTLETS TO BE MOUNTED AT 12" A.F.F. U.N.O. (EXCEPT G.F.C.I. U.N.O.)
6. SWITCHES TO BE "LEVITON" DECORA SERIES GLOSS WHITE (UNLESS OTHERWISE DECORA)
7. ALL LOW VOLTAGE LIGHT (OWNERS) TO BE MAGNETIC TYPE TRANSFORMERS (ELECTRONIC)
8. CONTRACTOR RESPONSIBLE FOR ALL RECESSED LIGHT FIXTURES, COORDINATE BRAND NAME, BAFFLE DESIGN & SIZING, & DIRECTIONAL STYLE W/OWNER PRIOR TO PURCHASE.
9. ALL RECESSED LIGHT FIXTURES AT EXTERIOR CEILING OF ATTIC CEILINGS TO BE WATER AS SEALED LIGHT WITH INSULATED CEILING MATERIALS (IC-RATED CONTRACTOR RESPONSIBLE FOR ABOVE RATED LIGHTS AT ALL LOCATIONS IN CONTACT W/INSULATION
10. ALL OUTLETS IN EXACT ROOMS, OUTDOOR LOCATION AND WITHIN 5 FEET OF KITCHEN SINK SHALL BE GFI TYPE OUTLETS.
11. ALL APPLIANCE AND EQUIPMENT SHALL BE CONNECTED AS PER LOCAL CODE.
12. ALL SMOKE DETECTORS TO BE HARD WIRED W/BATTERY BACKUP (PHOTO ELECTRIC TYPE)
13. PROVIDE SMOKE AND CARBON MONOXIDE DETECTORS, ONE PER LEVEL MIN. 1 PER BEDROOM AND ONE OUTLET OUTSIDE OF EACH BEDROOM, HARDWIRED AND INTER-CONNECTED
14. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT
15. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DRAWINGS OF EQUIPMENT SO THAT NEW WORK CAN BE INSTALLED WITHOUT INTERFERENCE AND MAKE ALL NECESSARY ROUTING CONNECTIONS AS REQUIRED.
16. ALL WORK SHALL MEET CITY CODE.
17. PROVIDE COMPLETE NEW ELECTRICAL SERVICE INCLUDING METER SOCKET PANEL, GROUNDING, WIRING, CONDUITS AND FITTINGS, ETC.
18. OBTAIN AND PAY FOR ALL ELECTRICAL PERMITS
19. ALL WIRING SHALL BE COPPER NON - BURN, SOLID, ETC.
20. PROVIDE DISCONNECT SW/FOR ALL WORK EQUIP. DISCONNECT TO COMPLY W/18-27-230 IE.
21. PROVIDE MIN. TWO 20 AMP APPLIANCE CIRCUITS IN KITCHEN AREA AND MIN. TWO 20 AMP CIRCUITS EACH FOR DISHWASHER AND DISPOSAL.
22. PROVIDE TRANSFORMER GFI TYPE OUTLET IN EACH BATHROOM AND WITHIN 4'-0" OF BASIN SINK
23. I.T. WIRING/CABLE SYSTEM AND TELEPHONE WIRING TO BE APPROVED BY OWNER
24. AT LEAST ONE 20 AMP CIRCUIT SHALL BE PROVIDED TO EACH BATHROOM.
25. AT LEAST ONE 20 AMP CIRCUIT SHALL BE SOLELY PROVIDED FOR THE LAUNDRY.
26. OUTLET BOXES SHALL NOT BE USED AS THE SOLE SUPPORT FOR LUMINOUS FANS.
27. TRANSFORMER DUPLEX OUTLETS SHALL BE SPACED A MAXIMUM OF 12'-0" APART.
28. THE ELECTRICAL WORK & UTILIZATION SHALL CONFORM TO 18-27-300.8-3.
29. OUTDOOR RECEPTACLES SHALL CONFORM TO 18-27-340.8-5.
30. ALL CLOSETS OVER 3'-0" LONG SHALL HAVE WALL SWITCH SERVING CLOSET LIGHT.
31. KITCHEN AREAS SHALL CONFORM TO 18-27-560.5-1 & 303
32. PROVIDE SURFACE-MINIMAL ELECTRICAL RECEPTACLES REQUIRED BY 18-27-300.5(B)(2)(C)
33. BATTERY UNITS SHALL BE WIRED ACCORDING TO CBC 15.27.700.8
34. TRANSFORMER RECEPTACLE OUTLETS SHALL COMPLY WITH 18-27-340.8
35. ALL BEDROOM RECEPTACLES ARE NOT REQUIRED IF ALL WORK IS IN METAL CONDUIT (210.12(B))
36. ALL TRANSFORMER RECEPTACLES SHALL COMPLY WITH ACC PART 406.12
37. OWNER OF BUILDING MUST SHALL PROVIDE EVIDENCE THAT UNIT BATTERIES WILL BE MAINTAINED AS REQUIRED BY 18-27-700 PART(F)



EXIST. SITE PLAN

2018 ELECTRICAL CODE APPLIES TO THIS PROJECT

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HANNA ARCHITECTS INC.
(312) 750-1650
160 W. WASHINGTON
CHICAGO, ILLINOIS 60602
FAX (312) 750-1651

PROFESSIONAL DESIGN FIRM
ARCHITECT CORPORATION
LICENSE NUMBER 184 - 001185

INDEX OF 3 SHEETS:
A-1 EXIST. SITE PLAN & NOTES
A-2 EXIST. WATER & GAS PLAN
A-3 FIRST FLOOR PLAN AND WALL SECTION

M-1 FIRST FLOOR MECH PLAN

SCALE: AS SHOWN
1ST FLR = 1/8" SCALE

ISSUED: 8/28/25
REVISED: 10/8/25
DRAWN: MJH
CHECKED: JH
PERMIT #: 100437 IN REVIEW
ENGINEER: N/A

PROJECT NAME & ADDRESS:
4936 NORTH LINCOLN AVE

PROPOSED BUSINESS LIVE/WORK UNIT CONVERSION OF EXIST.CNO.FLR. RETAIL SPACE

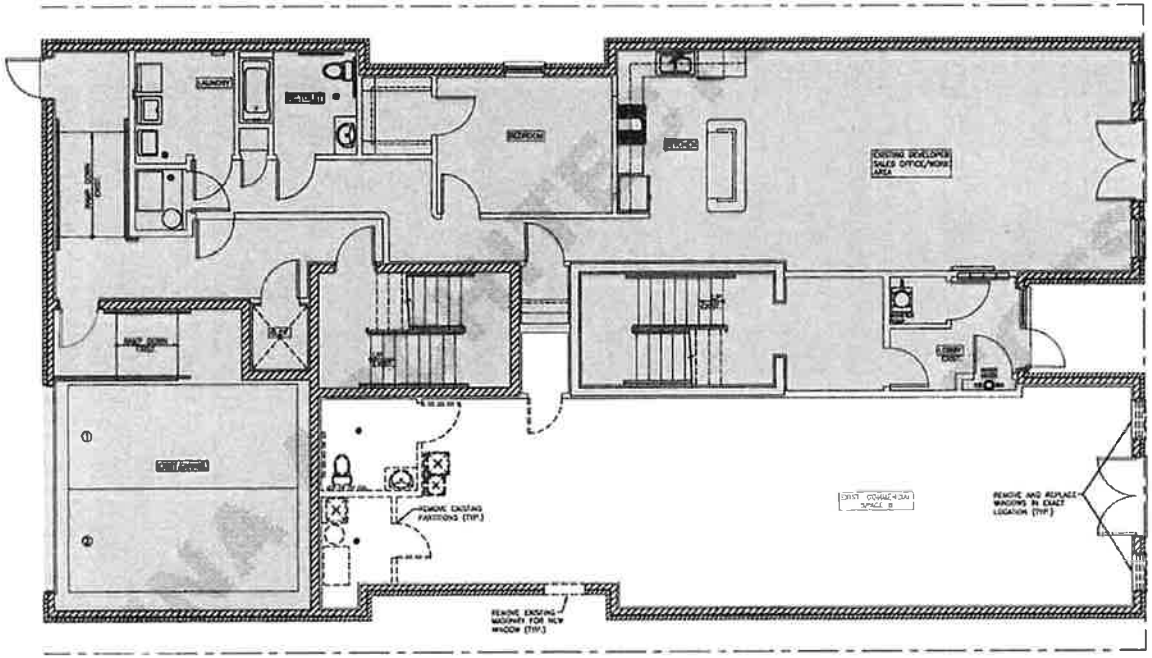
CHICAGO, ILLINOIS

SHEET TITLE:
EXIST. SITE PLAN & NOTES

FILENAME:

SHEET NUMBER:
A-1

Final for Publication



EXIST. FIRST FLOOR DEMO PLAN
SCALE: 1/4" = 1'-0"

NOTES:
1. ALL BEARING WALLS, CEILINGS, ETC. TO REMAIN FIELD VERIFY EXISTING CONDITIONS AND IF ANY DISCREPANCY NOTIFY ARCHITECT AT ONCE.
2. CUT AND CAP ALL PLUMBING FIXTURES PRIOR TO DEMOLITION.
3. PROVIDE ANY AND ALL NECESSARY SHORING, TYP.

NOTE:
DASHED LINES INDICATE EXISTING TO BE REMOVED
SHADED WALLS INDICATE EXISTING TO REMAIN

CODE MATRIX NOTES:

NOTE A:
PROJECTS, HANDRAILS, AND SIMILAR VERTICAL ELEMENTS
NOT HIGHER THAN ART ABOVE WORK SURFACE SHALL BE OF ANY MATERIAL
NOT LESS FIRE RESISTIVE THAN NOMINATED WOOD OR PLASTIC COMPOSITE
THAT COMPLY WITH ASTM D7032 AND CGC SECT 2614

NOTE D:
ROOF SHALL HAVE SOLAR REFLECTANCE OF 0.75 OR 3 YEAR INSTALLED
REFLECTANCE OF 0.50 OR GREATER.

NOTE E:
FENCING SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND A HORIZONTAL
WIND PRESSURE OF 30 PSF AND OTHER FORCES SUBJECTED TO

OTHER REQUIRED DATA

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HANNA ARCHITECTS, INC.
[illegible]
CHICAGO, ILLINOIS [illegible]
[illegible]
ARCHITECT CORPORATION
LICENSED ARCHITECTURAL [illegible]

NOTICE:
This plan, Personal and/or Copyright Data, Original digital drawing, or files of the Architect's office are to represented only for Architectural Purposes. Any unauthorized use, or modification of these documents without Architect's written consent is prohibited by law.

ISSUED - REVIEW
ISSUED - APPROVED
PERMIT PLANS - ARCHITECT SEAL
ISSUED - BID

PROJECT NAME & ADDRESS
4930 NORTH LINCOLN AVE

PROPOSED BUSINESS LIVE/WORK UNIT CONVERSION OF EXIST. GND. FLR RETAIL SPACE

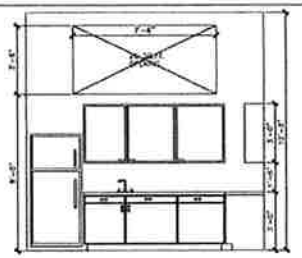
CHICAGO, ILLINOIS

SHEET TITLE
CODE MATRIX & DEMO PLAN

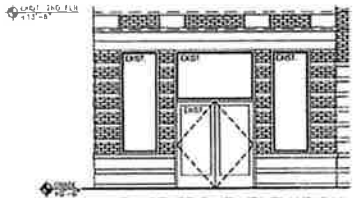
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SHEET NUMBER
A-2

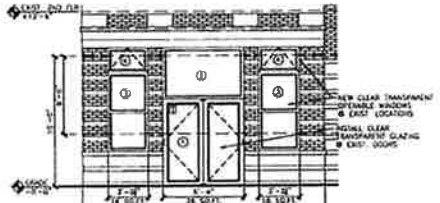
Final Plans



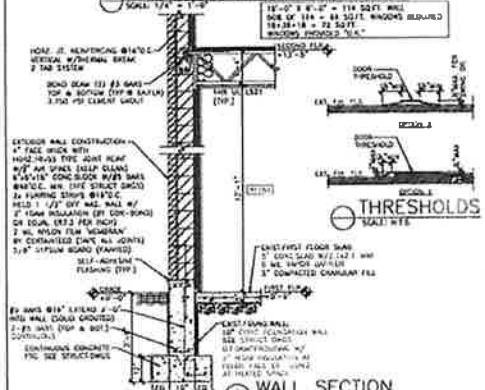
BORROWED LIGHT/VENT ELEV.



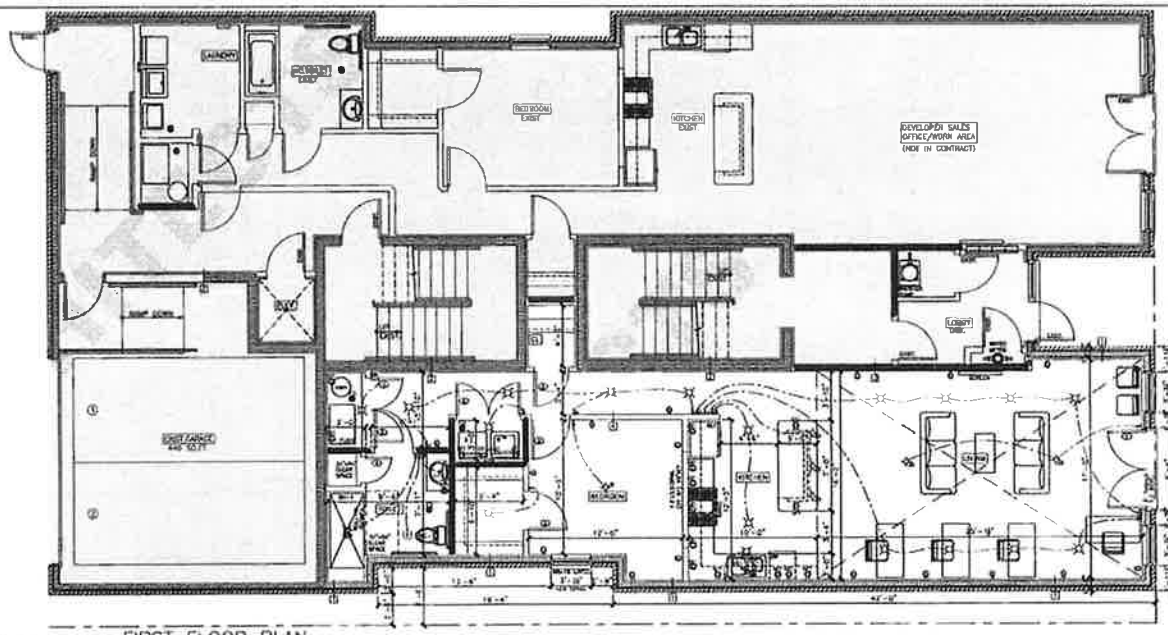
EXIST FRONT ELEVATION



PROPOSED FRONT ELEVATION



WALL SECTION

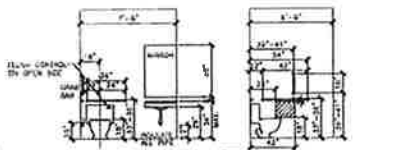


FIRST FLOOR PLAN

WINDOW SCHEDULE					
MARK	TYPE	SIZE	U. SQFT	VERT. SQ.FT.	2010-NCEN NO.
1	FR. IN-SWING	(2)3'-0"x8'-0"	27.95	21.46	SCHO-6-088-0
2	TRANSOM	6'-0"x1'-0"	16.30	-	SCCA-7218-1
3	DOUBLE HUNG	3'-2"x5'-0"	13.40	7.51	SCCH-3232-1
4	AWNING	3'-2"x2'-0"	3.77	4.37	SCAW-3624-1

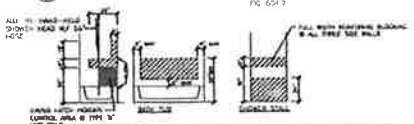
[T] - TEMPERED SAFETY GLAZING REQUIRED BY CODE

SAFETY GLAZING MATERIALS
ALL GLAZED DOORS, AND ANY GLAZED PANEL WIDER THAN 18 INCHES IN WIDTH IMMEDIATELY ADJACENT TO ANY DOOR WHEREIN THE SILL OF SUCH GLAZED PANEL IS LESS THAN 24 INCHES ABOVE THE FLOOR SHALL BE CONSIDERED HAZARDOUS LOCATIONS AND SHALL BE GLAZED WITH SAFETY GLAZING MATERIALS. GLAZED DOORS SHALL INCLUDE, AMONG OTHERS THE FOLLOWING: SLIDING GLASS DOORS, STORM DOORS, SHOWER DOORS AND BATHTUB ENCLOSURES.



UNISEX HC. TOILET

TOILET PAPER DISPENSER TO COMPLY WITH ICC/ANSI A117.1 2009 PG 65 #3



WALL REINF. & CONTROL LOCATIONS

WALL & PARTITION SCHEDULE

[1] 2 HOUR U.L. U902 BEARING MASONRY WALL 8"x8"x16" CMU W/4" FACE BRICK VENEER (U-2)

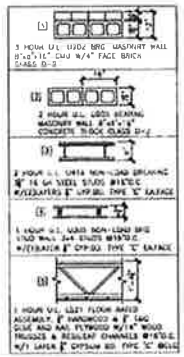
[2] 2 HOUR U.L. U905 BEARING MASONRY WALL 8"x8"x16" CONCRETE BLOCK CLASS (U-2)

[3] 2 HOUR U.L. U419 NON-LOAD BEARING STEEL STUD WALL 3 5/8" STEEL STUDS @16"O.C. W/(2) LAYERS 5/8" GYP. BD. EA. SIDE

[4] 1 HOUR U.L. U305 NON-LOAD BEARING 2x4 WOOD STUDS @16"O.C. W/ (1)LAYER 5/8" GYP.BD. TYPE 'C' EACH FACE

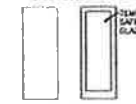
[5] 1 HOUR U.L. U321 FLOOR RATED ASSEMBLY (SEE WALL SECTION)

NOTE: USE PVC "J" DRYWALL FOR FIRE RATED ASSEMBLIES



DOOR SCHEDULE					
DOOR NO.	DOOR TYPE	W.H. FRAME (HEIGHT)	DOOR MATERIAL	FRAME MATERIAL	REMARKS
1	A	3'-0"x7'-0"	ALUM.	ALUM.	ALUM. FRONT DOOR
2	B	2'-10"x6'-10"	SC WD.	SC WD.	BEDROOM/BATH
3	B	2'-10"x6'-10"	SC WD.	SC WD.	FURNACE CLOSET
4	B	2'-6"x6'-10"	SC WD.	SC WD.	LINEN
5	B	2'-6"x6'-10"	SC WD.	SC WD.	COAT CLOSET
6	B	2'-6"x6'-10"	SC WD.	SC WD.	LAUNDRY/BEDROOM

NOTE: FOR ALL METAL DOORS, PROVIDE 16 GAUGE METAL DOOR FRAMES IN COMPLIANCE W/ (I-54-0205.)



TYPE A TYPE B

TEMPERED SAFETY GLAZING

DOOR NOTES:
1. ALL PANIC HARDWARE SHALL COMPLY WITH DOOR OPENING DEVICES SHALL HAVE A SHAPE EASY TO GRASP WITH HAND & NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. (2906.5 PA/NFPA)
2. USE BRUSHED CHROME UNLESS NOTED OTHERWISE.
3. USE SCHLAGE (SCHEDULE/MATCHING W/EXIST.)
4. ALL LOUVERED DOORS SHALL HAVE REMOVABLE LOUVERED PANELS.
5. ALL LARGE DOORS TO HAVE CLOSERS.
6. ALL 'C' LABEL DOORS TO HAVE BEVELED EDGES 1/8" MIN. THICKNESS

WALL SYMBOLS

- 2x6 WOOD WALL STUDS @16"O.C. (@16"O.C. AT FIRE RATED WALLS) W/ 5/8" GYPSUM BOARD BOTH SIDES (UNLESS NOTED OTHERWISE) (TYPE 'X' GYP.BD. AT FIRE RATED WALLS)
- CONCRETE BLOCK
- 4" FACE BRICK W/CONCRETE BLOCK
- SOLID CONCRETE BLOCK

* CONTACT WITH UNDERWRITERS LABORATORIES TEST DATA FOR RATED DESIGNS FOR ALL SPECIFIED FIRE RATED CONSTRUCTION (TYP.)

LEGEND

- SURFACE MOUNT INCANDESCENT OR FLUORESCENT WITH STRIP LIGHT ABOVE
- GROUND FAULT INTERRUPTER
- WATERPROOF LIGHT FIXTURE
- TELEPHONE OUTLET
- ANT - ANTENNA
- NOT INSTALL WALL MOUNTED U.N.O. - UNLESS NOTED OTHERWISE
- LIGHTS IN COMMON AREA
- VERIFY IN FIELD

ELECTRICAL SYMBOLS

- SINGLE POLE SWITCH
- 3-WAY SWITCH
- DUPLEX CONV. OUTLET 12" A.F.F. (U.N.O.)
- DUPLEX CONV. OUTLET @ 42" A.F.F.
- WATERPROOF OUTLET
- GROUND FAULT OUTLET
- WALL FIXTURE
- RECESSED DOWNLIGHT
- CEILING FAN
- SMOKE DETECTOR (SEE NOTE BELOW)
- CARBON MONOXIDE DETECTOR

WALL CONTAINS SMOKE DETECTOR INSTALL 48" ABOVE FINISHED FLOOR

NOTE:
1. ALL SMOKE ALARMS IN EACH HOUSING DWELLING UNIT SHALL BE INTERCONNECTED AND BE SO WIRED THAT WHEN ONE SMOKE ALARM ACTIVATES AND SOUNDS AN ALARM SIGNAL ALL OTHER SMOKE ALARMS IN THE DWELLING UNIT SHALL ALSO SOUND AN ALARM SIGNAL.
2. PROPANE FURNISHED FOR TEST SMOKE DETECTORS IN EACH UNIT AND WITHIN 10 FEET OF ALL BEDROOM DOORS. SMOKE ALARMS SHALL BE MOUNTED A MINIMUM OF 20 FEET FROM A COOKING APPLIANCE OR AND AT MINIMUM A MINIMUM OF 10 FEET FROM A COOKING APPLIANCE IF THE NORMAL PATH OF EQUIPPED WITH AN ALARM-SILENCING SWITCH IF MAY BE LOCATED A DISTANCE OF 6 FEET FROM A COOKING APPLIANCE IF THE SMOKE ALARM IS OF THE PHOTOELECTRIC TYPE.

2018 ELECTRICAL CODE APPLIES TO THIS PROJECT

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N. LINCOLN AVE

HANNA ARCHITECTS

PROJECT NAME & ADDRESS
4936 NORTH LINCOLN AVE

PROPOSED BUSINESS
LIVE/WORK UNIT CONVERSION OF EXISTING 6TH FLR RETAIL SPACE

CHICAGO, ILLINOIS

SHEET TITLE
FIRST FLOOR PLAN AND WALL SECTION

FILENAME

SHEET NUMBER
A-3

Not for Construction

GAS DISTRIBUTION PIPING INSIDE OF BUILDING:

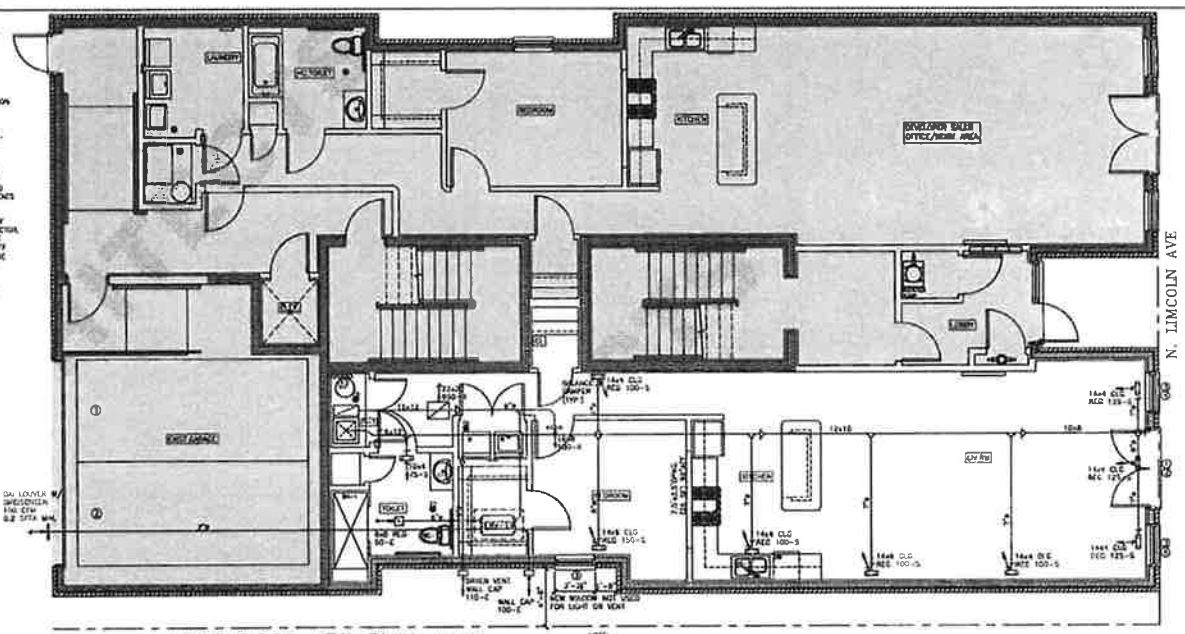
1. ONLY HEAVY NON-FLEXIBLE SCHEDULE 40 BLACK STEEL GAS PIPING MEETING THE REQUIREMENTS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) A53/A53M SHALL BE INSTALLED FOR THE DISTRIBUTION OF NATURAL GAS WITHIN A WALL OF A BUILDING AND FROM THE OUTLET SIDE OF THE GAS METER OR APPLIANCE. RIGID NON-FLEXIBLE SCHEDULE 40 BLACK STEEL GAS PIPING SHALL BE INSTALLED IN CONFORMANCE WITH THE INTERNATIONAL FUEL GAS CODE (IFGC) 2000 EDITION.
2. GAS FITTINGS WITH AN INSIDE DIAMETER OF TWO INCHES (2") OR LESS SHALL BE CLASS 150 MALLEABLE IRON MEETING THE REQUIREMENTS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) B16.3. GAS FITTINGS WITH AN INSIDE DIAMETER GREATER THAN TWO INCHES (2") SHALL BE RIGID NON-FLEXIBLE SCHEDULE 40 BLACK STEEL WELDED FITTINGS. THE USE OF PRESS TYPE FITTINGS OR EXPANSION COUPLINGS FOR GAS PIPING INSTALLED INSIDE OF THE WALL OR ON THE OUTLET SIDE OF THE GAS METER OR APPLIANCE (THE HOUSE PIPE GAS DISTRIBUTION PIPING) IS PROHIBITED.
3. GAS PIPING WITH AN INSIDE DIAMETER GREATER THAN TWO INCHES (2") OR CARRYING MORE THAN 3 POUNDS PER SQUARE INCH GAUGE (PSIG) PRESSURE SHALL BE WELDED. ALL WELDING OF GAS PIPING SHALL BE BY INDIVIDUALS WITH A CURRENTLY VALID WELDERS CERTIFICATION MEETING THE REQUIREMENTS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) BOILER AND PRESSURE VESSEL CODE, SECTION IX AND SAID WELDING OF GAS PIPING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ASME 831.8, ASME PRESSURE PIPING CODE GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS.
4. THE USE OF FLEXIBLE APPLIANCE CONNECTORS (FAC) UP TO SIX FOOT (6'-0"(NOMINAL)) IN LENGTH FROM A RIGID NON-FLEXIBLE GAS PIPE OUTLET(FUSE-OUT SHALL BE PERMISSIBLE TO PROVIDE A FLEXIBLE HOOK UP TO A GAS BURNING LAUNDRY, COOKING OR SIMILAR GAS BURNING APPLIANCE. THE FAC CANNOT EXTEND INSIDE OF A WALL AND MUST BE READILY OPEN TO VISUAL INSPECTION. THE FAC SHALL BE LISTED AND LABELED AND MEET THE REQUIREMENTS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) STANDARD Z21.24. INCLUDING THE REQUIREMENT THAT THE FAC BE COATED.
5. EVERY CONNECTION TO A FUEL BURNING APPLIANCE TO THE GAS PIPING SYSTEM SHALL HAVE ITS OWN GAS SHUTOFF VALVE, THAT SHALL BE NO LESS THAN THE NOMINAL SIZE OF THE CONNECTION AND LOCATED AHEAD OF THE CONNECTION. FOR FAC CONNECTIONS TO FUEL BURNING APPLIANCES, THE SHUTOFF VALVE SHALL BE LOCATED NO MORE THAN SIX FEET (6'-0") FROM THE APPLIANCE. FOR HARD GAS PIPE CONNECTIONS TO FUEL BURNING APPLIANCES, THE SHUTOFF VALVE SHALL BE LOCATED NO MORE THAN TWO FEET (2'-0") FROM THE APPLIANCE. THIS SHUT-OFF VALVE SHALL BE LOCATED IN THE SAME ROOM OF SPACE AS THE APPLIANCE AND BE VISIBLE AND READILY ACCESSIBLE FOR USAGE.
6. ALL GAS PIPING WHEN NEWLY INSTALLED, ALTERED, REPAIRED OR RESTORED AFTER INTERRUPTION OF SERVICE OF TWENTY-FOUR (24) HOURS OR MORE SHALL BE PRESSURE TESTED TO MEET THE REQUIREMENTS OF AND 2222.1 NATIONAL FUEL GAS CODE. IF A GAS PIPING SYSTEM FAILS THE PRESSURE TEST, THE SYSTEM SHALL BE INSPECTED AND ALL REQUIRED REPAIRS SHALL BE MADE TO THE SYSTEM UNTIL SUCH TIME THAT THE SYSTEM MEETS THE REQUIREMENT OF AND 2222.1.
7. EXTERIOR GAS PIPING EXPOSED TO THE ELEMENTS SHALL BE MARKED WITH YELLOW PAINT, COLORAD OR LABELS WITH THE WORDS "GAS" IN BLACK LETTERS. THESE IDENTIFIERS SHALL BE SPACED AT INTERVALS NOT EXCEEDING FIVE FEET (5'-0").
8. THE SAME STANDARDS ABOVE SHALL APPLY TO ABOVE GRADE GAS PIPING AND CONNECTIONS TO OUTSIDE GAS APPLIANCES, INCLUDING BUT NOT LIMITED TO, GAS GRILLS AND GAS FIRE PITS. STAFF CLEARANCE TO THE BUILDINGS GAS SYSTEM.
9. PIPING INSTALLED OUTSIDE SHALL BE A MINIMUM 2.5" ABOVE THE GROUND OR FLOOR. (IFGC 404.8)
10. PIPING IN CONCEALED LOCATIONS SHALL BE PROTECTED AGAINST CORROSION. (IFGC 404.7)

HVAC BUILDING NOTES:

1. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS SO THAT SIDE WORK CAN BE ACCOMPLISHED WITHOUT INTERFERENCE. MAKE ALL NECESSARY CHANGES AND MODIFICATIONS AS REQUIRED TO CONFORM TO CITY CODE.
2. ALL WORK SHALL MEET CITY CODE.
3. ALL DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTION IN ACCORDANCE WITH SMACNA STANDARDS. ALL SUPPLY AIR DIFFUSERS SHALL BE STEEL WITH ADJUSTABLE BLADE DAMPER. PROVIDE AIRSCOOP DAMPER ASSEMBLY FOR USE AT ALL FIRE RATED FLOORS/EQUIPMENT.
4. ALL OUTSIDE AIR INTAKES SHALL BE MINIMUM 15'-0" FROM EXHAUST.
5. ALL WORK GENERATED FROM THIS MECHANICAL DRAWING SHALL NOT EXCEED 55 DB FROM SIDE LINES.
6. PROVIDE COMPLETE GAS-FIRED FURNACE SYSTEMS, INCLUDING D-X COILS, CONDENSING UNITS, PLENUMS, FILTERS, DUCTWORK, REGISTERS, AND TEMPERATURE CONTROL WORK. GAS FURNACE SHALL BE EQUIPPED WITH 150% GAS SAFETY SHUT-OFF, HIGH LIMIT FAN RELAY CONTROL, TRANSFORMER AND ALL NECESSARY WIRING.
7. PROVIDE ALL TOILET EXHAUST FAN AND ELECTRONIC SYSTEM INCLUDING WALL CAPS, WIRE AND BACK DRAFT DAMPER.
8. ROOM THERMOSTAT SHALL BE PROGRAMMABLE, ELECTRONIC TYPE WITH FAN ON-OFF SWITCH, HEAT-COOL SWITCH W/PROGRAMMABLE FEATURES.
9. PROVIDE NEW GAS PIPING SERVICE AND CONNECTION TO ALL GAS-FIRED EQUIPMENT WITH SHUT OFF VALVE. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE. (SEE GAS DISTRIBUTION NOTE)
10. ALL DUCTWORK EXPOSED INTO OUTDOOR SOFFIT & SPACE SHALL BE INSULATED W/ 2" THICK, 3/4 LB DENSITY FIBERGLASS INSULATION OF FOIL FACING.
11. REFRIGERANT PIPING SHALL BE TYPE 'K' COPPER. SUCTION PIPING SHALL BE INSULATED. ALL JOINTS SHALL BE BRAZED. PRESSURE TEST PIPE SET AT 400 PSI AT EQUIP. DISCHARGE WITH NO INTERVENING VALVES & DEVICES
12. REMOVE EXPANSION VALVE AND REFRIGERANT DEVICES FROM AIR STREAM.
13. CONDENSING UNIT SHALL BE SET ON 4" THICK CONCRETE PAD WITH NECESSARY REFRIGERANT PIPING TO THE D-X COIL.
14. ALL DUCTWORK IN ATTIC SPACE (IF APPLICABLE) SHALL BE INSULATED WITH 6" THICK, 3/4 LB DENSITY FIBERGLASS INSULATION OF FOIL FACING.
15. PROVIDE LOCKING DEVICES FOR EACH BALANCING DAMPER.
16. HEATING SYSTEM SHALL BE CAPABLE OF MAINTAINING 70 DEGREES INSIDE AIR TEMPERATURE AT -10 DEGREES OUTSIDE AIR.
17. DOOR UNDERCUTS SHALL BE MINIMUM OF 3" FROM WALLS
18. ALL ELECTRONIC PER CHICAGO ENERGY CODE.
19. NO FLEX ALLOWED IN RESIDENTIAL AREA PER 18-28-603.5.1
20. MINIMUM AIR SHALL BE AT LEAST 10 FEET FROM THE TOILET AND KITCHEN RANGE PER 18-28-610.8.8.2

CITY OF CHICAGO BUILDING NOTES:

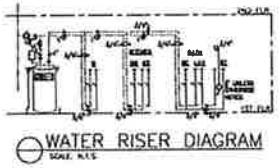
1. SOUND LEVELS OF EQUIPMENT AT LOT LINES SHALL NOT EXCEED 55db A.
2. ALL RISER DUCTWORK SHALL BE OF GALVANIZED STEEL CONSTRUCTION, MANUFACTURED AND INSTALLED PER CITY OF CHICAGO BUILDING CODES.
3. ALL OUTSIDE AIR INTAKES SHALL BE MINIMUM 15'-0" AWAY FROM EXHAUST AND OTHER SOURCES OF CONTAMINANTS AND 10'-0" ABOVE GRADE.
4. REFRIGERATION NOTES:
   a. REMOVE EXPANSION VALVES, DEVICES, ETC. FROM AIR STREAM.
   b. ALL REFRIGERANT PIPING SHALL BE TYPE 'K' COPPER WITH BRAZED JOINTS.
   c. PROVIDE 1/2" PRV AT DISCHARGE OF 1 UNIT COMPRESSOR WITH NO INTERVENING VALVES, DEVICES, ETC. PIPE DISCHARGE TO OUT OF DOORS. SET PRV TO 400 PSI.
5. GAS PIPING NOTES:
   a. ALL NATURAL GAS DISTRIBUTION PIPING SHALL BE SCHEDULE 40 STEEL PIPING MEETING THE REQUIREMENTS OF ASTM A 53/A 53M WITH 150# MALLEABLE IRON FITTINGS.
   b. GAS PIPING GREATER THAN 2" INSIDE DIAMETER OR CARRYING MORE THAN 5 POUNDS (PSIG) SHALL BE SCHEDULE 40 BLACK PIPE WITH STANDARD WELD FITTINGS.
6. ALL NATURAL GAS PIPING MATERIALS, CONTROLS TO BE IN ACCORDANCE WITH IFGC
   ALL NATURAL GAS PIPING TO LEAVE 1/4 INCH IN 15 FEET.



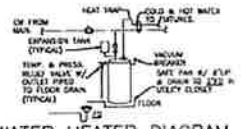
FIRST FLOOR MECH.PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES:
① (2)12"X PVC COMBUSTION AIR INTAKE & EXHAUST UP THRU ROOF W/SCREEN. FURNACE EXHAUST (2) SCH 40 EACH PLAN & EACH VENT. NO COMBINED FLUES.

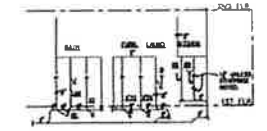
NOTE:
NO DUCTWORK ALLOWED IN CEILING PLENUM OF SLEEPING FLOOR. DROP SOFFITS AT ALL DUCTWORK AT CEILING LOCATIONS. TOILET EXHAUST VENTS, FRESH AIR INTAKE DUCT, RETURN SUPPLY DUCTS, ETC. (TYP.)



WATER RISER DIAGRAM
SCALE: N.T.S.



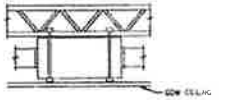
WATER HEATER DIAGRAM
SCALE: N.T.S.



WASTE AND VENT DIAGRAM
SCALE: N.T.S.

PLUMBING NOTES:

1. CONTRACTOR SHALL VERIFY SITE CONDITIONS.
2. ALL WORK SHALL MEET CITY CODE.
3. ALL SANITARY PIPING 36" ABOVE COMMERCIAL SPACE AND VENT PIPING SMALLER THAN 4" CAN BE PVC. NO PVC ALLOWED IN COMMERCIAL SPACE. DWV UNDERGROUND SEWAGE WEIGHT CAST IRON PIPE W/CAULKED JOINT
4. ALL DOMESTIC WATER PIPING SYSTEMS SHALL BE TYPE 'L' COPPER WITH LEAD-FREE SOLDERING JOINTS.
5. ALL DOMESTIC WATER PIPING SHALL BE INSULATED WITH 1/2" THICK, 3 LB DENSITY FIBERGLASS INSULATION OF UNIVERSAL JACKET.
6. PROVIDE COMPLETE DOMESTIC WATER DISTRIBUTION SYSTEM INCLUDING SERVICE, HOT WATER PIPING.
   COLD WATER PIPING DOMESTIC HOT WATER HEATER.
7. (7) NEW PLUMBING FIXTURES WITH TRAP, SUPPLY AND TRIM INCLUDING FAUCET AND SHUT-OFF VALVES (UNLESS OTHERWISE AS LISTED)
8. ALL BRANCH PIPING SHALL RUN CONCEALED IN WALLS. SHALL BE 1/2" CU. BALL VALVE.
9. PROVIDE DIELECTRIC FITTING AND SEPARATION BETWEEN TWO DISSIMILAR METALS (TYPICAL)
10. EXISTING NEW DOMESTIC WATER HEATER, AS INDICATED, COMPLETE WITH ASME TEMP. & PRESSURE RELIEF VALVES, EXPANSION TANK, HEATER AS NOTED
11. EXISTING COMPLETE SANITARY AND VENT PIPING SYSTEM, INCLUDING ALL PIPING, CASTIRON TRAPS AND BASIN
12. EXISTING NEW DOMESTIC WATER SERVICE, INCLUDING CURB STOP AND PIPING
13. REMOVE ALL EXISTING SANITARY PIPING AND EQUIPMENT IN EXISTING BUILDING.



ERV INSTALLATION DETAIL
SCALE: N.T.S.

VENTILATION SCHEDULE

ROOM DESCRIPTION	AREA IN SQ.FT.	ORDINANCE REQUIREMENTS: NAT. LIGHT AND VENT SQ.FT.	NAT. LIGHT AND VENT SQ.FT. CLASS/VENT	MECHANICAL VENT SUPPLY CFM	MECHANICAL VENT EXHAUST CFM	ACTUAL: NAT. LIGHT AND VENT SQ.FT.	NAT. LIGHT AND VENT SQ.FT. CLASS/VENT	MECHANICAL VENT SUPPLY CFM	MECHANICAL VENT EXHAUST CFM	SUPPLY SYSTEM	EXHAUST SYSTEM	HEAT LOSS MBH	HEAT INSTALLED MBH
LIVING ROOM	413	32.94	10.48	N.R.	N.R.	53.24	30.94	375	-	F-1	-	13.59	44.85
KITCHEN	162	12.96	6.48	N.R.	N.R.	13.96	8.48	100	-	F-1	-	5.34	7.88
(7) BEDROOM	135	10.80	5.40	N.R.	N.R.	10.80	5.40	150	-	F-1	-	4.45	11.70
TOILET	72	N.R.	N.R.	N.R.	50	-	-	75	50	F-1	EXH-1	2.37	5.85
HALLWAY	100	N.R.	N.R.	N.R.	N.R.	-	-	100	-	F-1	-	3.30	7.80
						TOTAL:		1,000				29.05	78.00

(7) = EXHAUSTS ELEMENTS WITH INTERLOCKED LIGHT AND VENT FROM WORK AREA (TYP.)

MECHANICAL EQUIPMENT SCHEDULE

TAG	DESCRIPTION	ELECTRICAL
F-1	HIGH EFFICIENCY, CONDENSING MULTI-PEISE EVP, DOWN OR HORIZONTAL GAS FIRED FURNACE, CARRIER MODEL 58STA060S17-15 OR APPROVED EQUAL 1,600 CFM @0.2 ESP 58STA HEATING: 80,000 BTUH INPUT 59,000 BTUH OUTPUT PROVIDE WITH MATCHING DX COOLING COILS, CARRIER MODEL CNPVP-030 (2.5 TONS) W/FACTORY INSTALLED TXV, ELECTRONIC AIR CLEANER, FAN TYPE THERMOSTAT, PROGRAMMABLE 5-1-1-1, THERMOSTAT & CONDENSATE SENSOR.	FAN - 3/4 HP AIR CLEANER A PERMANENT ALL AI 115 VOLTS, 1 PHASE FLA 7.9, MCA 15.0
CU-1	AIR COOLED CONDENSING UNIT CARRIER MODEL NO 24ANC2-030A03 OR APPROVED EQUAL (2.5 TONS) PROVIDE WITH FIELD INSTALLED REFRIGERANT PIPING, WITH SWAGED JOINTS, REFRIGERANT CHARGE, SERVICE VALVES AND PRESSURE RELIEF VALVE AT CONDENSER. CONDENSING UNIT ON PRECAST CONCRETE PAD (SEE DETAIL)	COMP - 12.8 R.L.A. FAN - 0.75 FLA MCA - 18.6 MOP - 25.0 AMPS, AI 208 VOLT, 1 PHASE
GWH-1	GAS FIRED, GLASS LINED, 40# TWIT WATER HEATER STATE MODEL PFS 75 RATED 76,000 (BTUH) 75 GAL STORAGE. PACKAGE COMPLETE WITH TEMP & PRESSURE RELIEF VALVE PIPED TO FLOOR DRAIN, 3" DIA PVC COMB. AIR INTAKE & EXHAUST & THERMAL EXPANSION TANK ON COLD WATER INLET	120 VOLTS 1 PHASE
ERV-1	ENERGY RECOVERY VENTILATOR MEANIMIC MODEL ERV-110 or APPROVED EQUAL 100 CFM @ 0.2" ESP 20A (MIN CIRCUITS) PACKAGE COMPLETE WITH: MOTORIZED DAMPER EXHAUST DAMPERS ON RIGHT SIDE AND EXHAUST DUCTS and WALL & FILTERS. INTERLOCK TO ALL THREE BATHROOM EXHAUST FANS.	0.2 FLA 120 VOLTS, 1 PHASE

REFRIGERANT SCHEDULE

TAG	QTY	#COMP	LOCATION	REF. TYPE	MFR.	MODEL NO.	TYPE	TONS	H.P.	CHARGE	REMARKS
CU-1/F-1	1	1 CA.	ROOF	R-410A	CARRIER	24ANC2-030A03	SCROLL	2.5	1/10	4.85 LBS	REMOTE-AIR COOLED

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HANNA ARCHITECTS
(312) 930-1882
180 W. WASHINGTON
CHICAGO, ILLINOIS 60602
FAX (312) 759-1161
THE ARCHITECTURAL DESIGN FIRM
ARCHITECT CONSULTATION
LITIGATION PLANNING (34 - 04 Hrs.)

ISSUED / REVIEW
ISSUED / REVIEW
ISSUED / PHASE — APPROVAL FOR PERMIT
ISSUED / BID

PROJECT NAME & ADDRESS
4936 NORTH LINCOLN AVE
PROPOSED BUSINESS LIVE/WORK UNIT CONVERSION OF EXIST.GRD.FLR RETAIL SPACE
CHICAGO, ILLINOIS

SHEET TITLE
FIRST FLOOR MECH. PLAN

FILENAME

SHEET NUMBER
M-1

FIRST FLOOR PROPOSED