

# Proposed 11 Units Assembly Townhomes 3233 Central Ave, Evanston IL 60201



## IECC 2021 COMPLIANCE STATEMENT

I CERTIFY THAT I AM A REGISTER ENERGY PROFESSIONAL (REP). I ALSO CERTIFY THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THE ATTACHED PLANS FOR 2106-2108 DARROW AVENUE, EVANSTON, IL 60091 COMPLYING WITH THE REQUIREMENTS OF 2021 INTERNATIONAL ENERGY CONSERVATION CODE

NOTE:  
AN ALL-ELECTRIC BUILDING IS ENCOURAGED, BOTH FOR THE HEALTH AND SAFETY OF OCCUPANTS AND TO CONFORM TO THE CITY'S CLIMATE GOALS

NOTE:  
JOB SITE ACCESS MUST BE PRESERVED DURING CONSTRUCTION. ROADS AND WALKWAYS FOR EMERGENCY RESPONDER ACCESS MUST CONFORM TO ALL REQUIREMENTS.

NOTE:  
THE CENTRAL STREET CORRIDOR IS PART OF THE CENTRAL STREET MASTER PLAN, WHICH WAS APPROVED IN 2007. DEVELOPMENT ON THE SUBJECT PROPERTY IS ENCOURAGED TO COMPLY WITH THE CENTRAL STREET MASTER PLAN WHERE FEASIBLE.

**R302.1 EXTERIOR WALLS.**  
CONSTRUCTION, PROJECTIONS, OPENINGS AND PENETRATIONS OF EXTERIOR WALLS OF DWELLINGS AND ACCESSORY BUILDINGS SHALL COMPLY WITH TABLE R302.1(1); OR DWELLINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION P2404 SHALL COMPLY WITH TABLE R302.1(2).  
EXCEPTIONS:  
1. WALLS, PROJECTIONS, OPENINGS OR PENETRATIONS IN WALLS PERPENDICULAR TO THE LINE USED TO DETERMINE THE FIRE SEPARATION DISTANCE.  
2. WALLS OF DWELLINGS AND ACCESSORY STRUCTURES LOCATED ON THE SAME LOT.  
3. DETACHED TOOL SHEDS AND STORAGE SHEDS, PLAYHOUSES AND SIMILAR STRUCTURES EXEMPTED FROM PERMITS ARE NOT REQUIRED TO PROVIDE WALL PROTECTION BASED ON LOCATION ON THE LOT. PROJECTIONS BEYOND THE EXTERIOR WALL SHALL NOT EXTEND OVER THE LOT LINE.  
4. DETACHED GARAGES ACCESSORY TO A DWELLING LOCATED WITHIN 2'-0" OF A LOT LINE ARE PERMITTED TO HAVE ROOF EAVE PROJECTIONS NOT EXCEEDING 4"  
5. FOUNDATION VENTS INSTALLED IN COMPLIANCE WITH THIS CODE ARE PERMITTED. TABLE R302.1(1) EXTERIOR WALLS EXTERIOR WALL ELEMENT MINIMUM FIRE-RESISTANCE RATING MINIMUM FIRE SEPARATION DISTANCE WALLS FIRE-RESISTANCE RATED 1 HOUR-TESTED 1 HOUR-TESTED IN ACCORDANCE WITH ASTM E 119 OR UL 263 WITH EXPOSURE FROM BOTH SIDES 5'-0" NOT FIRE-RESISTANCE RATED 0 HOURS ≥ 5'-0" PROJECTIONS FIRE-RESISTANCE RATED-1 HOUR ON THE UNDERSIDE ≥ 2 FEET TO < 5 FEET NOT FIRE-RESISTANCE RATED 0 HOURS ≥ 5'-0" OPENINGS IN WALLS NOT ALLOWED N/A < 3 FEET 25% MAXIMUM OF WALL AREA 0 HOURS 3 FEET UNLIMITED 0 HOURS 5 FEET PENETRATIONS ALL COMPLY WITH SECTION R302.4 FOR SI: 1 FOOT = 304.8 MM. N/A = NOT APPLICABLE.  
FIRE SPRINKLER SYSTEM SHALL BE A NFPA 13D SYSTEM IN ACCORDANCE WITH IRC R313.2 TABLE R302.1(2) EXTERIOR WALLS—DWELLINGS WITH FIRE SPRINKLERS EXTERIOR WALL ELEMENT MINIMUM FIRE-RESISTANCE RATING MINIMUM FIRE SEPARATION DISTANCE WALLS FIRE-RESISTANCE RATED 1 HOUR—TESTED IN ACCORDANCE WITH ASTM E 119 OR UL 263 WITH EXPOSURE FROM THE OUTSIDE- 0'-0" NOT FIRE-RESISTANCE RATED 0 HOURS 3'-0" PROJECTIONS FIRE-RESISTANCE RATED-1 HOUR ON THE UNDERSIDE 2'-0" A NOT FIRE-RESISTANCE RATED 0 HOURS 3'-0" OPENINGS IN WALLS NOT ALLOWED N/A < 3'-0" UNLIMITED-0 HOURS 3'-0" A PENETRATIONS ALL COMPLY WITH SECTION R302.4 < 3'-0" NONE REQUIRED 3'-0" A FOR SI: 1'-0"

## APPLICABLE CODES

THE CITY OF EVANSTON HAS ADOPTED THE 2012 INTERNATIONAL BUILDING CODE WITH THE ADDITIONS, DELETIONS, EXCEPTIONS AND OTHER AMENDMENTS SET FORTH IN TITLE 4 OF THE CITY CODE.  
ADOPTED BUILDING CODES (SEE THE CITY CODE)  
2021 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS (IRC)  
CURRENT ILLINOIS PLUMBING CODE (WITH AMENDMENTS)  
2021 INTERNATIONAL MECHANICAL CODE (WITH AMENDMENTS)  
2021 INTERNATIONAL FUEL GAS CODE  
2020 NATIONAL ELECTRIC CODE (WITH AMENDMENTS)  
2021 NFPA LIFE SAFETY CODE 101  
2021 INTERNATIONAL FIRE CODE  
ADOPTED CODES THAT AFFECT THIS PROJECT: 2021 IFC, IRC & NFPA 101.  
2019 NFPA 13D FOR 1 & 2 FAMILY DWELLINGS & EVANSTON MUNICIPAL CODE.  
2021 ILLINOIS ENERGY CONSERVATION CODE  
THE CITY OF EVANSTON ALSO ENFORCES ADDITIONAL STATE OF ILLINOIS LISTED BELOW. THESE ARE AVAILABLE ONLINE FROM THE ILLINOIS CAPITAL DEVELOPMENT BOARD:  
STATE OF ILLINOIS PLUMBING CODE  
STATE OF ILLINOIS ACCESSIBILITY CODE  
BUILDING HOUSING & INSPECTIONS  
2100 RIDGE AVE. EVANSTON, IL 60201, #3510  
P. 311 OR 847-448-4311

## DESIGN CRITERIA

GROUND SNOW LOAD: 30 PSF  
WIND SPEED: 90 MPH  
SEISMIC DESIGN CATEGORY: B  
WEATHERING: SEVERE  
FROST LINE DEPTH: 42"  
WINTER DESIGN TEMP: 68° F to -10° F w/ 50% HUMIDITY  
ROOF LOADS  
SNOW LOAD: 30 PSF  
DEAD LOAD: 10 PSF  
TOP CHORD: 10 PSF  
BOTTOM CHORD: 10 PSF  
TERMITE: NO  
ICE BARRIER REQ: YES  
FLOOD HAZARDS: 11/6/2000  
MEAN ANNUAL TEMP: 50° F  
AIR FREEZING INDEX 1500  
TERMITE: NO  
ICE BARRIER REQ: YES  
FLOOD HAZARDS: 11/6/2000  
MEAN ANNUAL TEMP: 50° F  
AIR FREEZING INDEX 1500  
ROOF LOADS  
LIVE LOAD @ LIVING SPACES: 40 PSF  
DEAD LOAD @ LIV SPACE: 10 PSF  
LIVE LOAD @ SLEEPING ROOMS: 30 PSF  
DEAD LOAD @ SLEEPING ROOMS: 10 PSF  
MAX DEFLECTION: L/480

## STATEMENT OF COMPLIANCE

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE ADHERED TO CITY OF EVANSTON MUNICIPAL CODES  
SIGNED: *Hemal M. Purohit*  
IL. REG. NO.: 001.019448  
DATE: 12/05/2025 REG. EXP. DATE: 12/2026



## DRAWING SHEETS INDEX & DISTRIBUTION SCHEDULE

SHT. #	SHEET NAME	ISSUED 01/09/25	ISSUED 12/05/25 ROUND 3
A 000	COVER SHEETS TITLE SHEET, PROPOSED SITE PLAN	●	●
	ARCHITECTURAL		
A 010	GENERAL NOTES		
A 011	PROPOSED SITE PLAN	●	●
	ARCHITECTURAL SHEETS		
A 100	UNIT FOUNDATION PLAN, FOUNDATION SECTIONS	●	●
	FINISH BASEMENT PLAN		
A 110	FOUNDATION UNIT FOUNDATION PLAN	●	●
A 111	FOUNDATION ASSEMBLY PLAN	●	●
A 112	FIRST & SECOND ASSEMBLY PLAN	●	●
A 113	1/2 STORY & ROOF FLOOR ASSEMBLY PLAN	●	●
A 114	FIRST FLOOR UNIT PLAN	●	●
A 115	SECOND FLOOR UNIT PLAN	●	●
A 116	1/2 STORY UNIT PLAN	●	●
A 117	DETACHED GARAGE	●	●
A 200	INTERIOR ELEVATIONS		
A 300	EXTERIOR ELEVATIONS	●	●
A 301	UNIT ELEVATIONS	●	●
A 302	CROSS SECTION		
	MEP		
E 100	BASEMENT, FIRST, SECOND FLOOR ELECTRICAL PLAN		
M 100	BASEMENT, FIRST, SECOND FLOOR MECHANICAL PLAN		
P 100	PLUMBING DIAGRAM		

## SYMBOL

	LARGE SCALE DETAIL		DETAIL ELEVATION REFERENCE SHEET #		BUILDING OR SECTION KEY SHEET NUMBER
	FOUNDATION WALL TYPE		WALL SECTION REFERENCE SHEET #		DETAIL NUMBER SHEET NUMBER
	ELEVATION MARKING		DETAIL REFERENCE SHEET #		ELEVATION NUMBER
	REVISION		DIMENSIONAL LUMBER		CENTERLINE
	EARTH		BLOCKING		HOSE BIBB
	SAND OR GRAVEL FILL		FINISH GRADE WOOD		ROUND OR DIAMETER
	BRICK		PLYWOOD		INTERIOR PARTITION WALL
	CONCRETE BLOCK		INSULATING SHEATHING		INTERIOR LOAD BEARING WALL
	CONCRETE		BATT INSULATION		2-2x4 WOOD POST OR 2-2x6 UNLESS NOTED OTHERWISE
	STONE		RIGID INSULATION		
	STEEL				



DO NOT SCALE THE DRAWINGS. PUROHIT ARCHITECTS, INC. ASSUMES NO RESPONSIBILITY FOR USE OF INCORRECT SCALE. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH CONSTRUCTION. IN THE EVENT THAT THE CONTRACTOR DISCOVERS ANY ERROR, OMISSION OR CONFLICT AS TO THE INTENT OF THE CONTRACT DOCUMENTS WITH REGARD TO THE PROPER EXECUTION AND COMPLETION OF THE WORK, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OR THE ARCHITECT AND SEEK CORRECTION OR INTERPRETATION THEREOF PRIOR TO STARTING THE AFFECTED WORK.

**ARCHICRAFT INC.**  
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ARCHITECT OF RECORD  
**PUROHIT**  
ARCHITECTS

PROFESSIONAL DESIGN FIRM ARCHITECT CORPORATION LICENSE NO.: 184.005843  
License Expires: 04/30/2027

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## Proposed 11 Units Assembly Building

General contractor  
Kaplan Custom Homes Inc.  
847. 219-1616 ph  
Developer  
Krosha Properties Inc.  
847. 219-1616 ph  
4170 Phyllis Rd  
Northbrook IL, 60061

## PROJECT ADDRESS:

3233 Central Ave  
Evanston, IL 60201

DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HP

PROJECT NUMBER	241106.01
DRAWN BY	DB/HP
DESCRIPTION	11 UNITS BUILDING ASSEMBLY COVERED PAGE

SHEET  
**A-000**

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## GENERAL NOTES & SPECIFICATIONS

### 1.0 GENERAL REQUIREMENTS

- ALL CODES HAVING JURISDICTION SHALL BE OBSERVED STRICTLY IN THE CONSTRUCTION OF THE PROJECT INCLUDING ALL APPLICABLE STATE, CITY OR COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE CODES.
- THE MOST STRINGENT REQUIREMENTS OF VARIOUS APPLICABLE CODES SHALL BE USED.
- ALL CODES, TRADE STANDARDS AND MANUFACTURERS' INSTRUCTIONS REFERENCED IN THE CONTRACT DOCUMENTS SHALL BE THE LATEST EDITION.
- CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS BEFORE COMMENCEMENT OF CONSTRUCTION AND BRING ANY DISCREPANCIES BETWEEN CODE REQUIREMENTS AND THE CONSTRUCTION DOCUMENTS TO THE ATTENTION OF THE ARCHITECT.
- DETAILS AND SECTIONS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED "TYPICAL" IMPLY ALL CONDITIONS TREATED SIMILARLY.
- ALL DRAWINGS SHALL BE FULLY COORDINATED BY EACH SUBCONTRACTOR TO VERIFY ALL DIMENSIONS, COORDINATE WITH ALL OTHER TRADES, COORDINATE ARCHITECTURAL DRAWINGS WITH DESIGN-BUILD CONTRACTOR PREPARED DRAWINGS, LOCATE DERESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, REGLETS, BOLT SETTINGS, SLEEVES, ETC.
- THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR SAFETY AND CONSTRUCTION PROCEDURES, MEANS, METHODS OR TECHNIQUES OR THE FAILURE OF THE BUILDER TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS OR REQUIRED CODES.
- CONTRACTORS SHALL BRING ERRORS AND OMISSIONS WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT IN WRITING, AND WRITTEN INSTRUCTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY ERRORS, DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OF WHICH THE CONTRACTOR FAILED TO NOTIFY THE ARCHITECT BEFORE CONSTRUCTION AND/OR FABRICATIONS OF THE WORK.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AT THE JOB SITE SUFFICIENTLY IN ADVANCE OF WORK TO BE PERFORMED, TO ASSURE THE ORDERLY PROGRESS OF THE WORK.
- CONTRACTORS SHALL MAINTAIN THE PREMISES CLEAN AND FREE OF ALL TRASH, DEBRIS AND SHALL PROTECT ALL ADJACENT WORK FROM DAMAGE, SOILING, PAINT, OVERSPRAY, ETC. ALL FIXTURES, EQUIPMENT, GLAZING, FLOORS, ETC. SHALL BE LEFT CLEAN AND READY FOR OCCUPANCY UPON COMPLETION OF THE PROJECT. DUMPSTERS PROVIDED BY CONSTRUCTION MANAGER.
- SHOP DRAWINGS ARE REQUIRED FOR ROOF TRUSSES, MECHANICAL, ELECTRICAL AND SPECIALIZED CONSTRUCTION, AND ARE TO BE SUBMITTED TO CONSTRUCTION MANAGER. IN AREAS WHERE THE DRAWINGS DO NOT ADDRESS METHODOLOGY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH THE MANUFACTURERS' SPECIFICATIONS AND/OR RECOMMENDATIONS.
- ALL MANUFACTURERS PRINTED WARNINGS FOR HANDLING OF PRODUCTS MUST BE STRICTLY OBSERVED. THE WORDS "OR EQUAL" ARE TO BE ASSUMED WHENEVER A SPECIFIC MANUFACTURER IS NOTED. HOWEVER, ALL SUBSTITUTIONS MUST BE APPROVED BY THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION MANAGER ANY AND ALL WARRANTIES, OPERATING MANUALS AND PRODUCT LITERATURE FOR THE BUILDING COMPONENTS FOR WHICH HE IS RESPONSIBLE.

- SEE CIVIL ENGINEERING DRAWINGS.
- ALL WORK PERFORMED IN THIS SECTION SHALL BE IN CONFORMANCE WITH THE FINAL SOIL COMPACTON, GEOLOGICAL REPORTS AND APPROVED SITE GRADING PLAN AS ACCEPTED BY THE CONSTRUCTION MANAGER AND CITY BUILDING DEPARTMENT. IN THE ABSENCE OF THE NECESSARY SUBSURFACE SURVEY, THE CONTRACTOR SHALL HIRE A LICENSED SOILS ENGINEER TO INVESTIGATE THE SITE AND SUBMIT A REPORT OF THIS WORK TO THE CONSTRUCTION MANAGER. IF A DISCREPANCY FROM THE PRESUMED SOIL BEARING CAPACITY EXISTS, CONTRACTOR SHALL NOT PLACE FOUNDATIONS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER.
- PRESUMED SOIL BEARING CAPACITY IS 3,000 PSF ON UNDISTURBED SOIL. CONTRACTOR SHALL VERIFY SOIL BEARING CAPACITY WITH SOILS REPORT (BY OTHERS) PRIOR TO PLACEMENT OF ANY CONCRETE. ALL CONCRETE FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR APPROVED ENGINEERED FILL. BOTTOM OF FOOTINGS SHALL BE 3'-6" BELOW FINISHED GRADE. MINIMUM D. NO EXCAVATIONS SHALL BE MADE WHOSE DEPTH BELOW THE FOOTING IS GREATER THAN 1/2 THE HORIZONTAL DISTANCE FROM THE NEAREST EDGE OF THAT FOOTING.
- ALL BACKFILL AT STRUCTURES, SLABS, STEPS AND PAVEMENTS SHALL BE CLEAN GRANULAR FILL. PLACE IN 9" LAYERS AND COMPACT TO 95% MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM-D-1557. BUILDING SITE SHALL BE KEPT DE-WATERED.
- BACKFILL SHALL BE BROUGHT UP EQUALLY ON EACH SIDE OF BUILDING.
- DO NOT BACKFILL UNTIL WALLS HAVE CURED IN ACCORDANCE WITH ACI REQUIREMENTS. DO NOT BACKFILL UNBRACED FOUNDATION WALLS.
- FINISH GRADE SHALL PROVIDE A MINIMUM SLOPE OF 4 PERCENT FOR A MINIMUM 6 FEET AWAY FROM THE HOUSE.
- SPECIAL EXCAVATION NOTE: OWNER/GENERAL CONTRACTOR SHALL BE FULLY LIABLE FOR ANY AND ALL DAMAGES TO AN ADJOINING PROPERTIES AS A RESULT OF INADEQUATE SHORING PROVIDED TO SOIL SURFACES ADJACENT TO EXCAVATIONS BY GENERAL CONTRACTOR.

- ALL REINFORCED CONCRETE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE CURRENT ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- IN ON GRADE CONCRETE SLABS THE W.W.F. REINFORCEMENT SHALL BE LOCATED 1 1/2" FROM THE TOP OF THE SLAB.
- ALL EXTERIOR CONCRETE TO BE AIR ENTRAINED.
- PROVIDE REINFORCING BARS IN SIZES AND LOCATIONS AS SHOWN ON DRAWINGS.
- PROVISIONS MUST BE TAKEN TO PROTECT ALL CONCRETE WORK FROM FROST DAMAGE WITH SPECIAL ATTENTION PAID TO FOOTINGS AND OTHER ON GRADE CONSTRUCTION PRIOR TO BACKFILLING AND ENCLOSING THE BUILDING.
- ANCHOR BOLTS SHALL BE 1/2" DIA. MINIMUM, 12" LONG, WITH HOOKED ENDS EXTENDING A MINIMUM 8" INTO CONCRETE. PLACEMENT OF BOLTS SHALL BE: 12" FROM PLATE END, 6"-0" O.C. MAXIMUM INTERMEDIATE SPACING, MINIMUM 2 BOLTS PER SILL PLATE SECTION. APPROVED STRAP ANCHORS MAY BE SUBSTITUTED FOR ANCHOR BOLT METHOD.
- SEE CIVIL DRAWINGS FOR EXTERIOR SIDEWALK LOCATIONS.
- CONCRETE PATIOS SHALL HAVE MEDIUM BROOM FINISH WITH TOOLED JOINTS AND EDGES WITH SMOOTH TRIM STRIP AT JOINTS AND EDGES. CONCRETE STOOPS AND PORCHES SHALL HAVE A LIGHT BROOM FINISH WITH TOOLED CONTROL JOINTS.

### 5.0 METALS, STRUCTURAL AND MISCELLANEOUS

- STEELWORK SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AS ADOPTED BY THE A.I.S.C. CONNECTIONS SHALL BE BOLTED OR WELDED. BOLTS SHALL CONFORM TO ASTM A325 AND BE 3/4" DIAMETER UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATIONS A-36. WIDE FLANGE SECTIONS TO CONFORM TO ASTM A992-50. STEEL FOR PIPE COLUMNS SHALL CONFORM TO ASTM A510 OR ASTM A53, TYPE E OR S, GRADE B, F<sub>y</sub> = 36 PSI.
- ALL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF RED OXIDE PRIMER OR APPROVED EQUAL. FIELD PAINTING SHALL BE AS DIRECTED BY CLIENT.

### 5.0 METALS, STRUCTURAL AND MISCELLANEOUS (CONTINUED)

- ERECTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING FOR LATERAL STABILITY UNTIL STUD WALLS, PLYWOOD, ROOF TRUSSES AND SHEATHING ARE IN PLACE.
- SECURE ALL STEEL COLUMNS TOP AND BOTTOM TO PREVENT LATERAL DISPLACEMENT.
- GROUT ALL BEAM POCKETS SOLID.

### 6.0 CARPENTRY

- ALL WOODS AND WOOD CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND CODES WITH MODIFICATIONS AS SPECIFIED HEREIN:
  - AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (ISTANDARD MANUAL).
  - NATIONAL FOREST PRODUCTS ASSOCIATION; NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
  - SPRUCE-PINE-FIR INSPECTION BUREAU; STANDARD GRADING RULES FOR SPRUCE-PINE-FIR LUMBER.
  - TRUSS PLATE INSTITUTE; DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES (PI-74).
  - AMERICAN PLYWOOD ASSOCIATION; GUIDE TO PLYWOOD FOR FLOORS, PLYWOOD SHEATHINGS FOR WALLS AND ROOFS.
  - AMERICAN WOOD PRESERVATION ASSOCIATION STANDARDS.
- ALL LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL BE STAMPED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION'S "CONSTRUCTION MANUAL".
- DESIGN, FABRICATION AND INSTALLATION OF WOOD STRUCTURAL ROOF TRUSSES AND CONNECTORS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS AND SPECIFICATIONS:
  - 2015 INTERNATIONAL LIGHT METAL PLATE CONNECTED WOOD TRUSSES, T.P.1, T.P.1 (H.I.B.-91).
  - DESIGN SPECIFICATION FOR RIGID METAL PLATE CONNECTED WOOD TRUSSES, T.P.1, T.P.1 (H.I.B.-91).
- ALL MEMBERS OF ALL TRUSSES TO BE FABRICATED FROM STRESS GRADE LUMBER HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - F<sub>y</sub> = 1,400 psi F<sub>t</sub> = 950 psi
  - F<sub>c</sub> (PARALLEL) = 1,100 psi F<sub>c</sub> (PERPENDICULAR) = 345 psi
- THE DESIGN LOADS FOR WOOD ROOF TRUSSES ARE AS FOLLOWS:
  - ROOFS  
SEE SHEET AO FOR DESIGN CRITERIA
  - TRUSS MANUFACTURER WILL PROVIDE CALCULATIONS INDICATING ADDITIONAL SNOW AND DEAD LOADS FOR ROOF LOCATIONS WITH GUSSETS, CRICKETS AND VALLEY LOCATIONS REQUIRING ADDITIONAL ROOF FRAMING IN ACCORDANCE WITH ANSI A58.1-1982.
  - TRUSS MANUFACTURER SHALL PROVIDE DESIGN FOR SYSTEMS OF SUFFICIENT STRENGTH TO SUPPORT POINT LOADS IMPOSED BY ROOF TRUSS SYSTEMS. TEMPORARY BRACING PER HB-9.1 SHALL BE INSTALLED AND SHALL REMAIN IN COMPLETED STRUCTURE. TRUSS MANUFACTURER TO INDICATE TEMPORARY BRACING AND BRACING PER TP HB-9.1. CONTRACTOR SHALL INSTALL ALL TEMPORARY / PERMANENT BRACING.

- SHOP DRAWINGS, SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN ILLINOIS, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER, FOR APPROVAL, PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING ITEMS:
  - DRAFTED PLAN LAYOUTS IDENTIFYING ALL TRUSSES.
  - CALCULATIONS FOR LOAD DETERMINATION ON TRUSSES, GIVING UNIFORM LOADS (PARTIAL OR TRUSSES) AND / OR POINT LOADS.
  - TRUSS CONFIGURATION DRAWING GIVING STRESSES ON ALL MEMBERS, REACTIONS AT SUPPORTS AND STRESSES ON ALL MEMBERS INCLUDING PLATES.
  - COLUMN DESIGN FOR POINT LOADS OTHER THAN SHOWN ON CONTRACT DRAWINGS.

- PROVIDE AND INSTALL "SIMPSON", "TECO", "TRIMFAST" OR "ARTCOR" GALVANIZED HANGERS, FRAMING ANCHORS AND FASTENERS AS REQUIRED AND INDICATED ON DRAWINGS. NAILS TO BE THOSE FURNISHED BY MANUFACTURER FOR THIS SPECIFIC USE.
- INSTALL APPROVED PRESSURE TREATED LUMBER WHERE LUMBER IS IN CONTACT WITH CONCRETE.
- EXITS, DOORS, CEILINGS, HALLWAYS, LANDINGS, STAIRWAYS AND HANDRAILS SHALL BE IN ACCORDANCE WITH IRC 2006. STAIR TREADS @ 10" DEPTH + 1" MAX NOSING. RISERS @ 7.3/4 MAX (INTERIOR ONLY) UNLESS OTHERWISE APPROVED BY THE CODE OFFICIAL.
- SHEATHING SHALL BE PLYWOOD, MIN. 2"-0" FROM ALL CORNERS. INSTALL 1/4" LET IN BRACING AS REQ. PER CODE.
- PROVIDE WOOD OR PYPON MOLDED MILLWORK OR EQUAL PER ELEVATIONS. INSTALL PER MANUFACTURERS SPECIFICATIONS.

- PROVIDE SHOP FABRICATED DECORATIVE WOOD COMPONENTS MATCHING ELEVATION DETAILS. PROVIDE SHOP DRAWINGS FOR REVIEW. PROVIDE MOCK-UP FOR CONSTRUCTION MANAGER APPROVAL.
- ALL EXTERIOR DECKS AND ASSOCIATED RAILS AND STAIRS SHALL BE PRESSURE-TREATED OR COMPOSITE.
- INSTALL DRYWALL WRAPPED ATTIC ACCESSSES TO ALL CONCEALED ATTIC SPACES MEETING THE MINIMUM REQUIREMENTS OF THE BUILDING CODE.
- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS ABOVE.
- JOIST 4 RAPTER STRESS GRADE LUMBER SHALL CONFORM TO NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER 4 ITS FASTENINGS. LATEST ADDITION
- PROVIDE JOIST HANGERS FOR ALL HEADER-TO-HEADER CONNECTIONS. INSTALL JOIST HANGERS WITH MANUFACTURER APPROVED NAILS - FILL ALL HOLES. GALVANIZED ROOFING NAILS ARE NOT PERMITTED.
- CROSS BRDING MUST BE PROVIDED FOR EACH @ SPAN.
- HANDRAILS SHALL HAVE EITHER A CIRCULAR CROSS SECTION WITH A DIAMETER OF 1 1/2 INCHES TO 2 INCHES, OR A NONCIRCULAR CROSS SECTION WITH A PERIMETER DIMENSION OF AT LEAST 4 INCHES BUT NOT MORE THAN 6 1/4 INCHES AND A LARGEST CROSS SECTION DIMENSION NOT EXCEEDING 2 1/4 INCHES. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. A 2X6 TOP RAIL DOES NOT MEET THE REQUIREMENTS FOR A GRIPABLE HANDRAIL.
- PROVIDE SHIMS UNDER EVERY FLOOR JOIST BETWEEN THE PLATE AND THE FOUNDATION WHERE NEEDED.
- ATTACH ROOF TRUSSES WITH HURRICANE CLIPS, TO THE TOP PLATES OF THE BEARING WALL ON WHICH THE TRUSS RESTS.
- PROVIDE LATERAL SWAY BRACING ON ALL POSTS OF DECKS FORTY-EIGHT (48) INCHES OR MORE ABOVE GRADE. INSTALL BRACING WITH MINIMUM TWO (2) BOLTS AT EACH END WITH MINIMUM EXPOSES LENGTH OF THIRTY-SIX (36) INCHES.

### 6.0 CARPENTRY (CONTINUED)

- ATTACH BEAMS TO POSTS WITH MINIMUM TWO (2) BOLTS PER POST. THE BOLTS SHALL BE CARRIAGE BOLTS OR OTHER APPROVED THROUGH BOLTS. LAG BOLTS ARE NOT PERMITTED.
- SECURE ALL JOIST TO THE SUPPORTING BEAMS. TOE NAILING IS ACCEPTABLE MEANS TO ACCOMPLISH THIS REQUIREMENT.
- WOOD COLUMNS BEARING ON BASMENT SLABS SHALL BE PRESSURE PRESERVATIVELY TREATED IN ACCORDANCE WITH AWPA C-1, C2, C3, C4, C9, C15, C18, C20, C22, C23, C24, C27, C28, P1, P2 AND P3.
- FASTENERS FOR PRESSURE PRESERVATIVE AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER.
- PROVIDE SOLID BLOOMING AT ALL TOWELGRAB BAR, RAILING, SHELF BRACKET AND DECORATIVE CEILING LOCATIONS AS REQ.
- TRUSS THERMAL AND MOISTURE PROTECTION-FOR REFERENCE ONLY

- THE FOLLOWING SPECIFICATION SHALL GOVERN WITH MODIFICATIONS AS SPECIFIED HEREIN: AMERICAN SOCIETY OF HEATING REFRIGERATING AND AIR CONDITIONING ENGINEERS (ASHRAE) HANDBOOK OF FUNDAMENTALS, LATEST EDITION.
- VERIFY ALL FRESTOPPING/DRAFTSTOPPING APPLICATIONS WITH CITY AND CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- INSTALL FLASHING AND SHEET METAL IN COMPLIANCE WITH "ARCHITECTURAL SHEET METAL MANUAL" BY SMACNA., LATEST EDITION.
- ALUMINUM FLASHING SHALL CONFORM TO ASTM B209 AND BE MINIMUM 0.032" THICK STANDARD BUILDING SHEET PREFINISHED IN COLOR SELECTED BY CONSTRUCTION MANAGER.
- BACKPAINT FLASHINGS WITH BITUMINOUS PAINT, WHERE EXPECTED TO BE IN CONTACT WITH CEMENTITIOUS MATERIALS OR DISSIMILAR METALS.
- PROVIDE AND INSTALL PRE-FINISHED FLASHING AT ALL ROOF TO WALL CONDITIONS, TRIM (Z-FLASHING) OR OTHER PROJECTIONS OR WOOD BEAMS THROUGH EXTERIOR WALLS, EXTERIOR OPENINGS AND ELSEWHERE AS REQUIRED TO PROVIDE WATERTIGHT WEATHERPROOF PERFORMANCE.

- PROVIDE CONTINUOUS PREFINISHED ALUMINUM GUTTERS AND DOWNSPOUTS PER PLANS. PROVIDE SPLASH BLOCKS AT DOWNSPOUTS.
- ROOF VALLEY FLASHING SHALL BE PROVIDED OF NOT LESS THAN .032" PREFINISHED ALUMINUM OR COPPER AND SHALL EXTEND AT LEAST 1' FROM THE CENTER LINE EACH WAY AND SHALL HAVE THE FLOW LINE FORMED AS PART OF THE FLASHING. SECTIONS OF FLASHING SHALL HAVE AN END LAP OF NOT LESS THAN 4".
- ALL APPLICATIONS SUCH AS @ ROOF PERIMETER, PEAKS, VALLEYS, ROOF TERMINATIONS AT WALL 4 OTHER MISC. AREAS WHERE SNOW PACK MIGHT OCCUR, ICE & WATER SHIELD SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS BUT SHALL EXTEND AT LEAST 18" FROM CENTER LINE EACH WAY @ VALLEYS AND HAVE AN END LAP OF NOT LESS THAN 4". PROVIDE SELF-ADHESIVE ICE/WATER SHIELD FROM ROOF EDGE TO 24" FROM EXTERIOR WALL LINE.
- CLASS A SEAL TAB SHINGLES SHALL BE INSTALLED OVER 1.5 LB. ASPHALT FELT PAPER AND WEATHERPROOFING UNDERLAYMENT PER MANUFACTURERS SPECIFICATIONS. INCLUDE MATCHING RIDGE SHINGLES.
- SHINGLES SHALL BE FASTENED ACCORDING TO MANUFACTURERS PRINTED INSTRUCTIONS BUT NOT LESS THAN FOUR (4) NAILS PER EACH SHINGLE. EXPOSURE 5' FOR 16" SHINGLE, 5-1/2" FOR 18" SHINGLE, AND 7-1/2" FOR 24" SHINGLES. ROOF SLOPES LESS THAN 4/12 REQUIRE WRITTEN APPROVAL FROM THE MANUFACTURER, AND THE PROVISION OF ADDITIONAL FELTS OR BITUMINOUS MEMBRANE AS RECOMMENDED BY THE MANUFACTURER OF THE SHINGLES.
- METAL EDGE DRIP EDGE FLASHING AT ALL AREAS OF ROOF WHERE GUTTER OR OTHER FLASHING DEVICES ARE NOT TO BE PLACED.
- PROVIDE PREFINISHED RAISED SEAM METAL ROOF AT LOCATIONS AS INDICATED ON DRAWINGS. INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND THE STANDARDS SET FORTH IN THE "ARCHITECTURAL SHEET METAL MANUAL" BY SMACNA.
- LOCATE ALL VENTS AND STACKS ON REAR OR SIDES OF ROOF. PAINT TO MATCH ROOF.
- EXISTING ATTIC SPACES AND ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN. THE NET FREE VENTILATING AREAS SHALL BE NOT LESS THAN 1/300 OF THE HORIZONTALLY PROJECTED ROOF AREA IF AT LEAST 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY ROOF VENTS WITH THE BALANCE OF THE REQUIRED VENTILATING PROVIDED BY CONTINUOUS SOFFIT VENTS. GUARDS AND VENT CHUTES SHALL BE INSTALLED ADJACENT TO SOFFIT VENTS TO MAINTAIN MINIMUM 2" CLEAR PASSAGE OF AIR FROM EAVE VENTS TO ATTIC ROOF VENTS.
- PROVIDE AND INSTALL R-20 BLOW-IN INSULATION IN ALL EXTERIOR WALLS WITH 6 MIL POLYETHYLENE VAPOR BARRIER ON INTERIOR FACE OF STUD. R-20 BATTIS AT FIREPLACE CHASE WALLS, RM. JOISTS AND UNDER FIREPLACE UNIT.
- PROVIDE AND INSTALL BLOW-IN INSULATION EQUAL TO R-49 IN ALL NEW CEILINGS AT RAFTERS, PLUS R-30 BATTIS AT EXPOSED FLOORS ON 6 MIL VAPOR BARRIER. ALL INSULATION TO MEET HUD MINIMUM PROPERTY SPECS.
- PROVIDE AND INSTALL INSULATION AT WINDOW SHIM SPACES. LEAVE NO GAPS OR VOIDS.
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- INSTALL FOAM SILL SEALER BELOW ALL EXTERIOR SILL PLATES.
- ALL CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS AND ANY OTHER JOINTS IN CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED WITH A CAULK OR SEALANT. GAPS AND JOINTS SHALL BE CLEARED OF LOOSE MATERIAL AND FILLED WITH POLYURETHANE CAULK OR OTHER ELASTOMERIC SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- THE FIREPLACE CHASE SHALL BE INSULATED, WITH A MINIMUM OF AN R-13 UN-FACED INSULATION, UP ENTIRE CHASE.

- EXITS, DOORS, CEILINGS, HALLWAYS, LANDINGS, STAIRWAYS AND HANDRAILS SHALL BE IN ACCORDANCE WITH IRC 2006. STAIR TREADS @ 10" DEPTH + 1" MAX NOSING. RISERS @ 7.3/4 MAX (INTERIOR ONLY) UNLESS OTHERWISE APPROVED BY THE CODE OFFICIAL.

- SHEATHING SHALL BE PLYWOOD, MIN. 2"-0" FROM ALL CORNERS. INSTALL 1/4" LET IN BRACING AS REQ. PER CODE.
- PROVIDE WOOD OR PYPON MOLDED MILLWORK OR EQUAL PER ELEVATIONS. INSTALL PER MANUFACTURERS SPECIFICATIONS.
- PROVIDE SHOP FABRICATED DECORATIVE WOOD COMPONENTS MATCHING ELEVATION DETAILS. PROVIDE SHOP DRAWINGS FOR REVIEW. PROVIDE MOCK-UP FOR CONSTRUCTION MANAGER APPROVAL.
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- INSTALL DRYWALL WRAPPED ATTIC ACCESSSES TO ALL CONCEALED ATTIC SPACES MEETING THE MINIMUM REQUIREMENTS OF THE BUILDING CODE.
- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS ABOVE.
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- CROSS BRDING MUST BE PROVIDED FOR EACH @ SPAN.
- HANDRAILS SHALL HAVE EITHER A CIRCULAR CROSS SECTION WITH A DIAMETER OF 1 1/2 INCHES TO 2 INCHES, OR A NONCIRCULAR CROSS SECTION WITH A PERIMETER DIMENSION OF AT LEAST 4 INCHES BUT NOT MORE THAN 6 1/4 INCHES AND A LARGEST CROSS SECTION DIMENSION NOT EXCEEDING 2 1/4 INCHES. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. A 2X6 TOP RAIL DOES NOT MEET THE REQUIREMENTS FOR A GRIPABLE HANDRAIL.
- PROVIDE SHIMS UNDER EVERY FLOOR JOIST BETWEEN THE PLATE AND THE FOUNDATION WHERE NEEDED.
- ATTACH ROOF TRUSSES WITH HURRICANE CLIPS, TO THE TOP PLATES OF THE BEARING WALL ON WHICH THE TRUSS RESTS.
- PROVIDE LATERAL SWAY BRACING ON ALL POSTS OF DECKS FORTY-EIGHT (48) INCHES OR MORE ABOVE GRADE. INSTALL BRACING WITH MINIMUM TWO (2) BOLTS AT EACH END WITH MINIMUM EXPOSES LENGTH OF THIRTY-SIX (36) INCHES.

- PROVIDE AND INSTALL R-20 BLOW-IN INSULATION IN ALL EXTERIOR WALLS WITH 6 MIL POLYETHYLENE VAPOR BARRIER ON INTERIOR FACE OF STUD. R-20 BATTIS AT FIREPLACE CHASE WALLS, RM. JOISTS AND UNDER FIREPLACE UNIT.
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- INSTALL FOAM SILL SEALER BELOW ALL EXTERIOR SILL PLATES.
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- THE FIREPLACE CHASE SHALL BE INSULATED, WITH A MINIMUM OF AN R-13 UN-FACED INSULATION, UP ENTIRE CHASE.

- BATH ACCESSORIES SHALL INCLUDE ONE TOILET PAPER HOLDER PER BATHROOM, ONE TOWEL BAR PER HALL BATHROOM OR POWDER ROOM AND TWO TOWEL BARS PER MASTER BATHROOM. MIRROR SHALL BE INSTALLED OVER EACH VANITY. MIRRORS SHALL BE FULL VANITY WIDTH TO HEIGHT OF 4'-6". MEDICINE CABINETS PER PLAN.

- SOLID SURFACE VANITY TOPS WITH INTEGRAL SINK BOWLS AND BACK AND SIDE SPLASHES.
- ALL CLOTHES WASHERS, WATER HEATERS AND FURNACES ABOVE THE BASEMENT SHALL HAVE A SAFE PAN WITH FLOOR DRAIN.

### 1.0 MECHANICAL-FOR REFERENCE ONLY

- MECHANICAL NOTES:
  - MECHANICAL DRAWINGS SHALL BE PREPARED BY MECHANICAL CONTRACTOR. PROVIDE SHOP DRAWINGS TO CONSTRUCTION MANAGER FOR REVIEW BEFORE FABRICATION OR ORDERING OF MATERIALS. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES AND ORDINANCES.
  - HEAT DUCTS MUST BE CONSTRUCTED OF APPROVED NONCOMBUSTIBLE MATERIAL.
  - HEAT DUCTS MUST BE SUPPORTED BY RODS OR HANGERS NOT MORE THAN 10'-0" O.C.
  - WHEN THE FURNACE IS IN A CONFINED SPACE THERE MUST BE PROVIDED 1 SQUARE INCH PER 1000 BTUS OF UNOBSTRUCTED OPENING TO THE OUTSIDE FOR COMBUSTION AIR. COMPLY WITH SEC. G2407, RHTOC 2006.
  - TERMINAL HOOK-UP OF ALL FIXTURES AND TAP INTO ALL UTILITIES IS REQUIRED.
  - PROVIDE DAMPERS IN ACCESSIBLE LOCATIONS FOR BALANCING. PROVIDE ADJUSTABLE DIFFUSERS.
  - AC PVC CONDENSATE LINE TO FLOOR DRAIN SECURED TO SLAB. RUN IN MOST NONSPICUOUS LOCATION.
  - STOVEPIPE (NOT FLEXIBLE) DRYER DUCT TO EXTERIOR. MAX VENT RUN SHALL BE LESS THAN 25'. THE MAXIMUM LENGTH SHALL BE REDUCED 2.5 FEET FOR EVERY 45 DEGREE BEND, AND 5 FEET FOR EVERY 90 DEGREE BEND.
  - THERMOSTATS SHALL BE INSTALLED FOR EACH UNIT IN CENTRAL LOCATION.
  - MECHANICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES.
  - THE CHIMNEY FLUE MUST EXTEND AT LEAST 3 FEET ABOVE THE HIGHEST POINT WHERE IT PASSES THROUGH THE ROOF AND AT LEAST 2 FEET HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10 FEET.

### 8.0 DOORS, WINDOWS AND GLASS (CONTINUED)-FOR REFERENCE ONLY

- ALL DOORS AND WINDOWS OPENING TO THE EXTERIOR OR TO UNCONDITIONED AREAS SHALL BE FULLY WEATHER STRIPPED, GASKETED OR OTHERWISE TREATED TO LIMIT AIR INFILTRATION. ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHALL MEET THE AIR INFILTRATION STANDARDS OF THE 1972 AMERICAN NATIONAL STANDARDS INSTITUTE ASTM E 283-73 WITH A PRESSURE DIFFERENTIAL OF 1.57 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED. PROVIDE WEATHER-PROOF THRESHOLD AT ALL EXTERIOR SWING DOORS. SET ALL THRESHOLDS IN A BED OF CAULK.
- DRYWALL WRAP WINDOW JAMBS AND HEADS, PROVIDE WOOD SILL AND STOOD.
- FASTENERS FOR PRESSURE PRESERVATIVE AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER.
- PROVIDE SOLID BLOOMING AT ALL TOWELGRAB BAR, RAILING, SHELF BRACKET AND DECORATIVE CEILING LOCATIONS AS REQ.
- TRUSS THERMAL AND MOISTURE PROTECTION-FOR REFERENCE ONLY

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- CROSS BRDING MUST BE PROVIDED FOR EACH @ SPAN.
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- PROVIDE LATERAL SWAY BRACING ON ALL POSTS OF DECKS FORTY-EIGHT (48) INCHES OR MORE ABOVE GRADE. INSTALL BRACING WITH MINIMUM TWO (2) BOLTS AT EACH END WITH MINIMUM EXPOSES LENGTH OF THIRTY-SIX (36) INCHES.

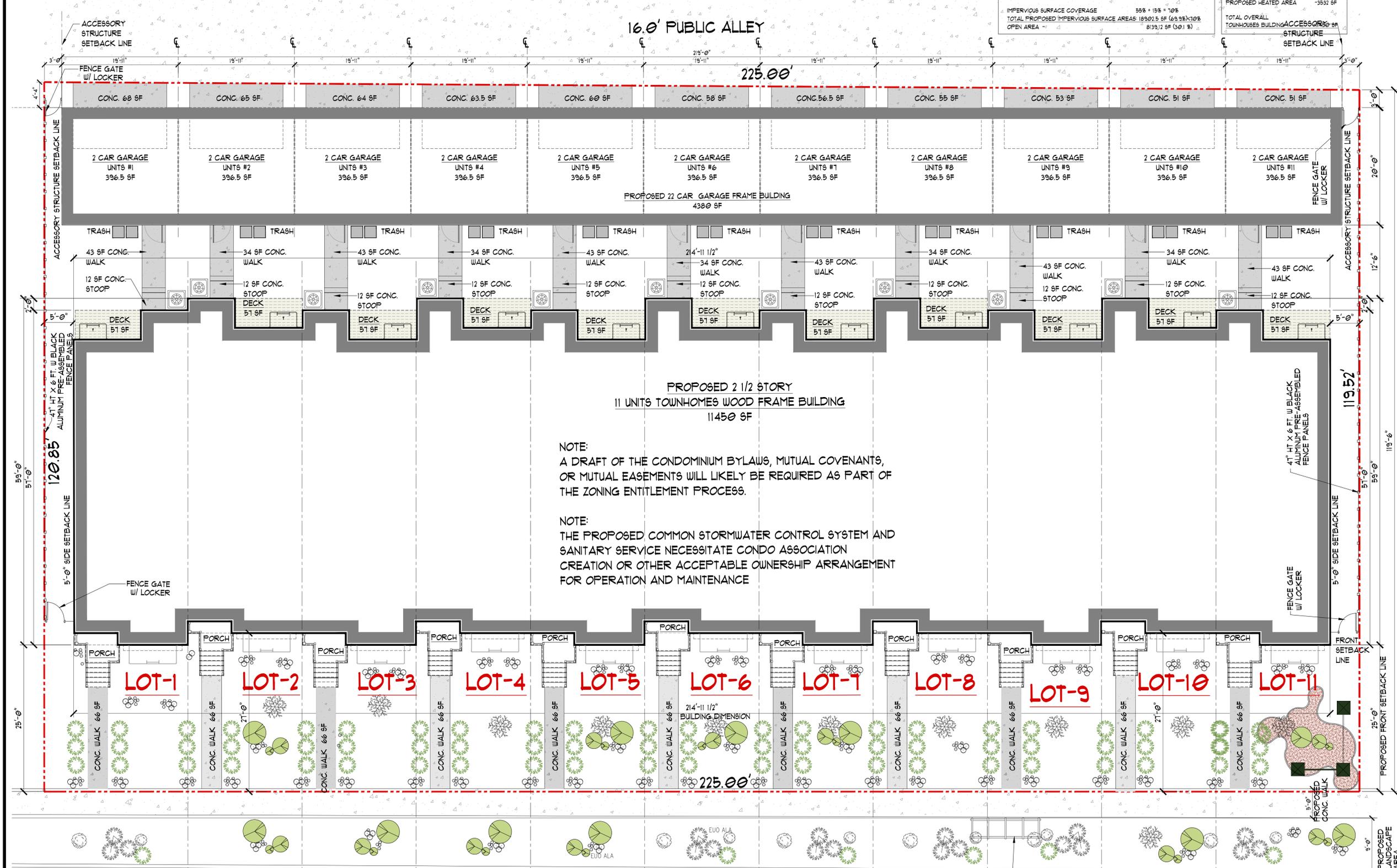
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R-4 ZONING DISTRICT	
LOT INFO 225' X 119.52' X 225' X 120.85'	- 71046.66 SF (100%)
BUILDING FOOTPRINT	- 11450 SF (42.3%)
ACCESSORY (1)-2 CAR GARAGES	- 4380 SF (6.2%)
PROPOSED BUILDING LOT COVERAGE	- 15830 SF (22.3%)
ALLOWABLE BUILDING LOT COVERAGE	40% + 15% = 55%
OPEN IMPERVIOUS SURFACE COVERAGE:	
(1)-FRONT OPEN COVERED PORCH	165 SF
(2)-FRONT & REAR CONC. WALK-	1140 SF
(1)-REAR STOOPS	132 SF
(1)-REAR CONC. APRON (DRIVEWAYS)-	644.5 SF
(1)-A/C PADS 3'x3'	99 SF
(1)-DECK	621 SF
(1)-FRONT EXTERIOR STAIR W/ LANDING	385 SF
TOTAL	3072.5 SF (11.36%)
IMPERVIOUS SURFACE COVERAGE	
55% + 15% = 70%	
TOTAL PROPOSED IMPERVIOUS SURFACE AREAS: 18902.5 SF (63.9%)	
OPEN AREA	8193.2 SF (30.1%)

PROPOSED NUMBER OF BEDROOMS:	
LOOKOUT BASEMENT-(1) OFFICE	- (0)
FIRST FLOOR	- (3) THREE BEDROOMS
SECOND FLOOR	- (3) THREE BEDROOMS
1/2 STORY FLOOR	- (0) STUDIO
TOTAL	- (3) FOUR BEDROOMS
PROPOSED UNIT SQUARE FOOTAGE	
FIRST FLOOR	- 365 SF
SECOND FLOOR	- 1008 SF
1/2 STORY FLOOR	- 605 SF
TOTAL FLOOR AREA	- 2578 SF
1/2 STORY FLOOR (END UNIT)	- 334 SF
BASEMENT AREA	- 954 SF
PROPOSED HEATED AREA	- 3532 SF
TOTAL OVERALL TOWNHOUSE BUILDING ACCESSORY STRUCTURE	



NOTE:  
A DRAFT OF THE CONDOMINIUM BYLAWS, MUTUAL COVENANTS, OR MUTUAL EASEMENTS WILL LIKELY BE REQUIRED AS PART OF THE ZONING ENTITLEMENT PROCESS.

NOTE:  
THE PROPOSED COMMON STORMWATER CONTROL SYSTEM AND SANITARY SERVICE NECESSITATE CONDO ASSOCIATION CREATION OR OTHER ACCEPTABLE OWNERSHIP ARRANGEMENT FOR OPERATION AND MAINTENANCE

1 PROPOSED SITE PLAN  
SCALE: 1/8" = 1'-0"

NOTE:  
A CURRENT TREE SURVEY AND PRESERVATION PLAN SHALL BE REQUIRED. TREE REPLACEMENT MITIGATION/FEE-IN-LIEU WILL BE REQUIRED FOR ANY TREE REMOVAL IMPACT.

CENTRAL AVE

EXISTING CURB

PROPOSED REGULAR PUBLIC BIKE RACKS (VERIFY LOCATION)

NOTE: FENCE MUST BE 3' SETBACK FROM FRONT PLANE OF TOWNHOMES

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LICENSED ARCHITECT  
HEMAL M. PUROHIT  
001.019448  
STATE OF ILLINOIS

**Proposed 11 Units Assembly Building**  
General contractor  
Kaplan Custom Homes Inc.  
847. 219-1616 ph  
Developer  
Krosha Properties Inc.  
847. 219-1616 ph  
4170 Phyllis Rd  
Northbrook IL, 60061

**PROJECT ADDRESS:**  
3233 Central Ave  
Evanston, IL 60201

DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HP
Sheet:	
PROJECT NUMBER	241106.01
DRAWN BY	DB/HP

DESCRIPTION: 11 UNITS BUILDING ASSEMBLY PROPOSED SITE PLAN

SHEET  
**A-011**  
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 Northbrook IL, 60061

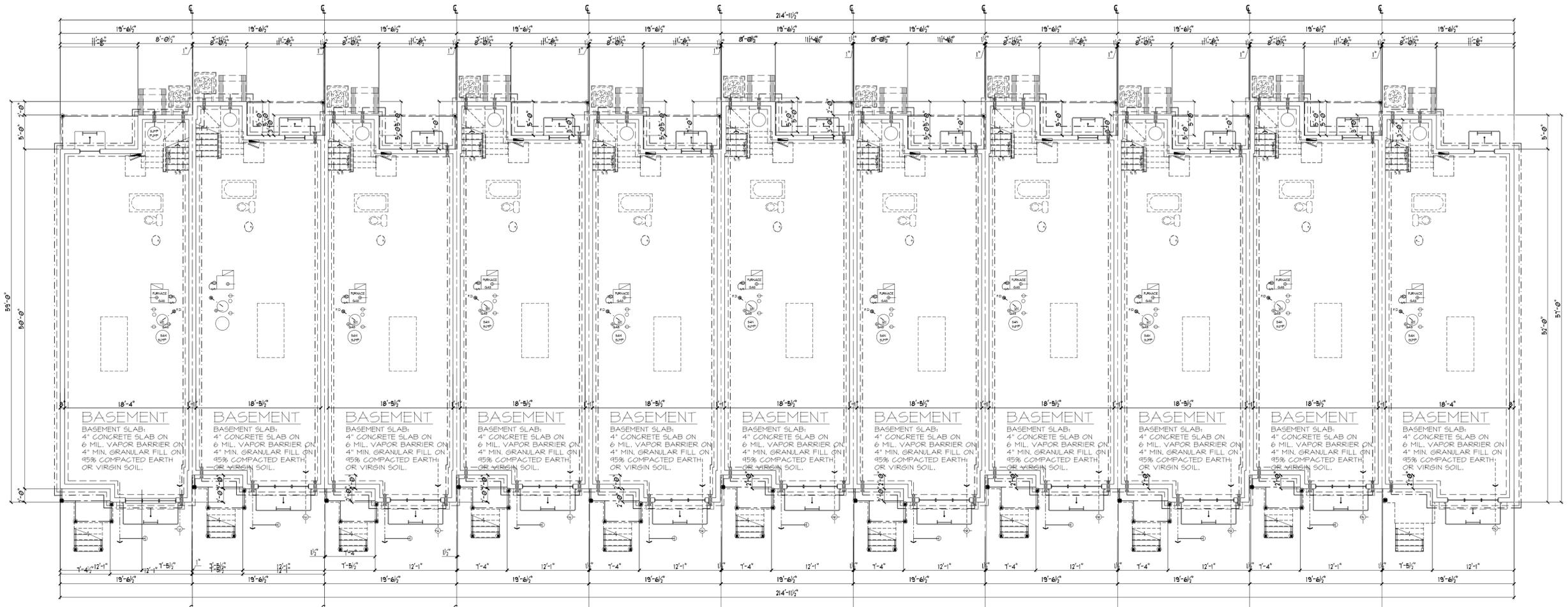
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 Evanston, IL 60201

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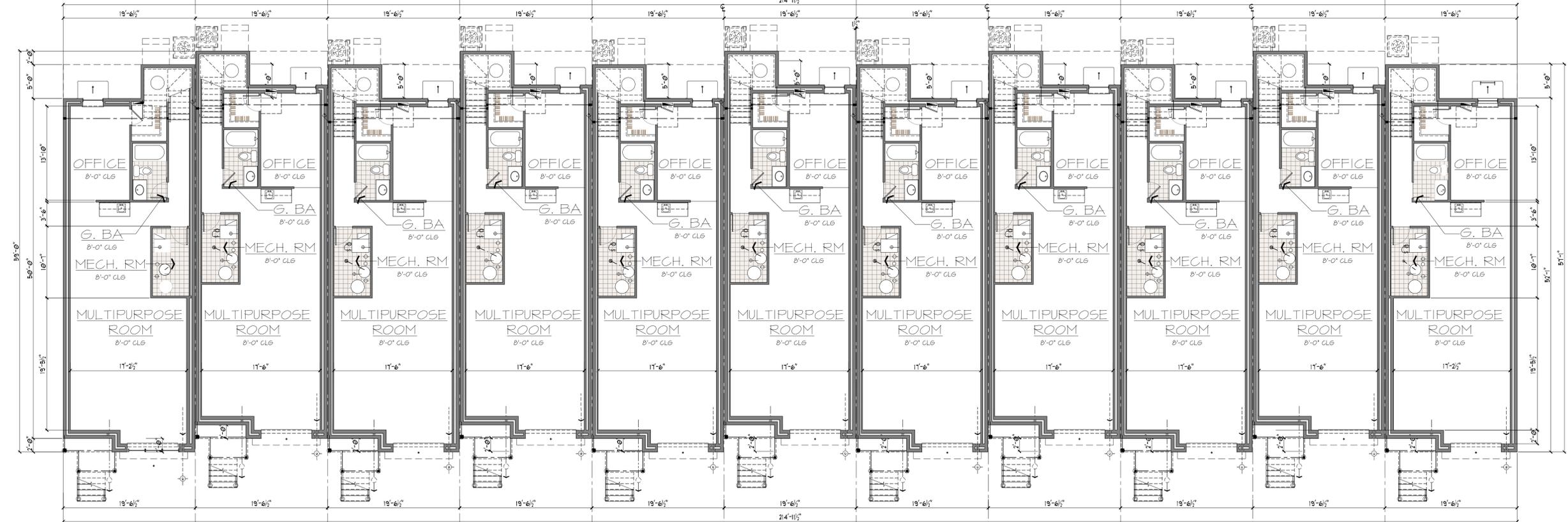
DESCRIPTION: 11 UNITS BUILDING ASSEMBLY UNIT FOUNDATION PLAN & FINISHED BASEMENT PLAN

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**A-111**

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**1 11 UNIT ASSEMBLY FOUNDATION PLAN**  
 SCALE: 1/8"=1'-0"



**2 11 UNIT ASSEMBLY FINISHED BASEMENT PLAN**  
 SCALE: 1/8"=1'-0"

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1 11 UNITS FIRST FLOOR ASSEMBLY PLAN  
SCALE: 1/4"=1'-0"



1 11 UNITS SECOND FLOOR ASSEMBLY PLAN  
SCALE: 1/4"=1'-0"

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Developer  
Krosha Properties Inc.  
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4170 Phyllis Rd  
Northbrook IL, 60061

**PROJECT ADDRESS:**

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Evanston, IL 60201

DATE	DESCRIPTION
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Drawn By:	DB/HP
Sheet:	

PROJECT NUMBER 241106.01

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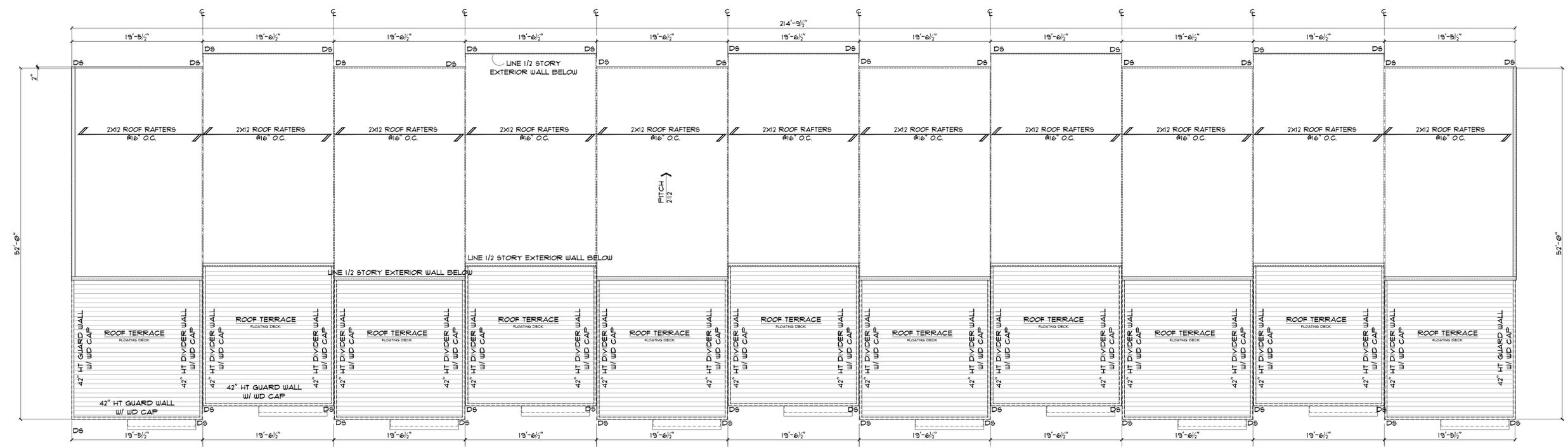
DESCRIPTION 11 UNITS BUILDING ASSEMBLY  
11 UNITS FIRST & SECOND FLOOR  
ASSEMBLY PLAN

SHEET  
**A-112**

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1 11 UNITS 1/2 HALF STORY FLOOR ASSEMBLY PLAN  
SCALE: 1/4"=1'-0"



2 11 UNITS ROOF ASSEMBLY PLAN  
SCALE: 1/4"=1'-0"

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ADDRESS:**

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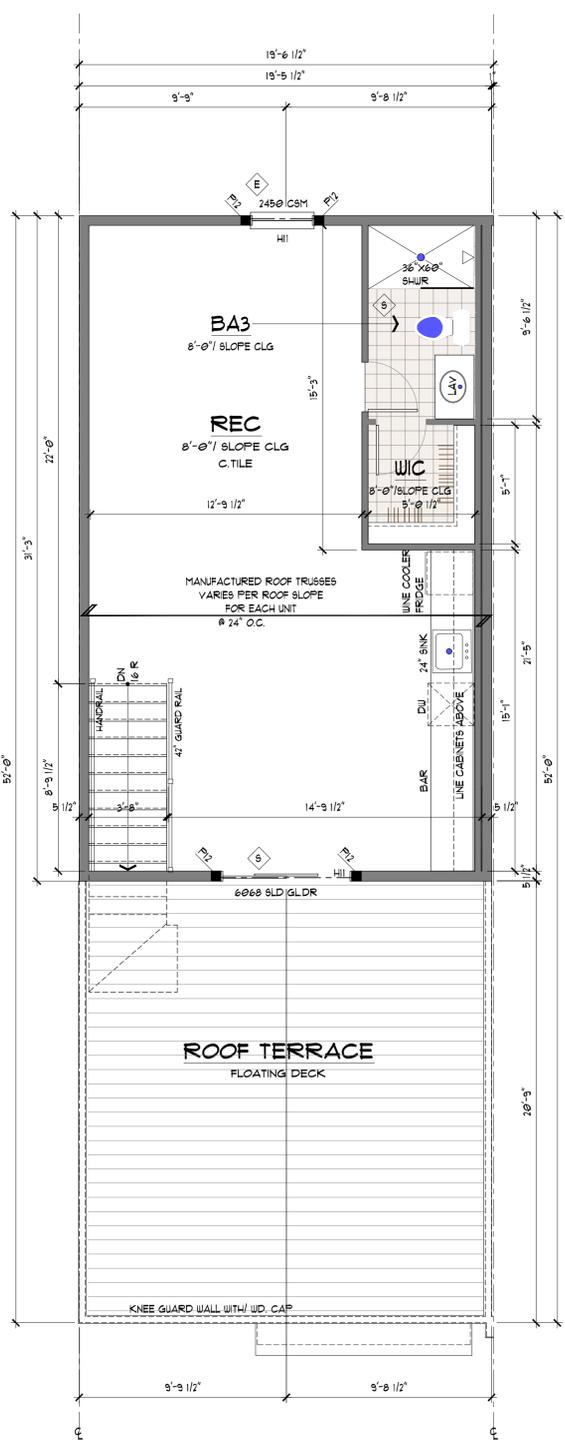
DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HHP
Sheet:	
PROJECT NUMBER	241106.01
DRAWN BY	DB/HHP
DESCRIPTION	11 UNITS BUILDING ASSEMBLY 11 UNITS ATTIC FLOOR ASSEMBLY PLAN

SHEET  
**A-113**

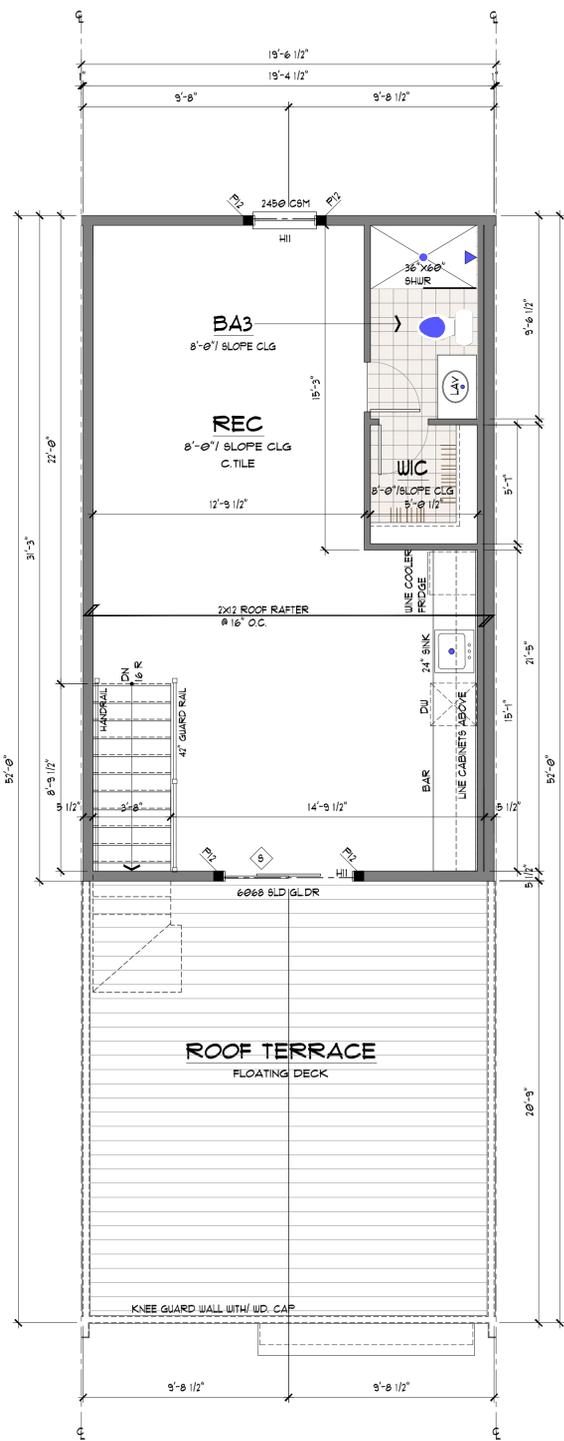
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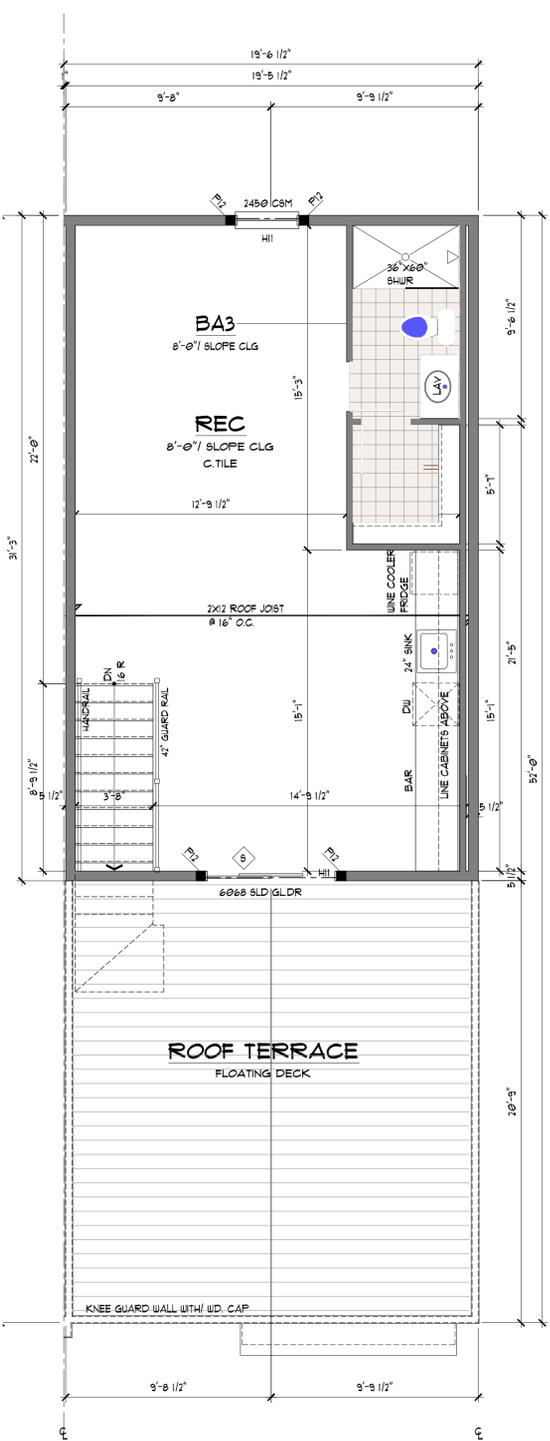




1 1/2 STORY FLOOR UNIT PLAN-LEFT END UNIT  
SCALE: 1/4"=1'-0"



2 2 STORY FLOOR UNIT PLAN-MIDDLE  
SCALE: 1/4"=1'-0"



3 1/2 STORY FLOOR UNIT PLAN-RIGHT END UNIT  
SCALE: 1/4"=1'-0"

**PLAN NOTES:**

- WINDOW SUPPLIER TO VERIFY THAT ALL BEDROOMS HAVE AN EGRESS WINDOW OF AT LEAST 5.7 SF. CLEAR OPENING AND 24" MIN. HEIGHT AND 20" MIN. WIDTH. BILL HEIGHT SHALL NOT BE GREATER THAN 44" A.F.F. VERIFY ALL WINDOW ROUGH OPENINGS WITH WINDOW SUPPLIER PRIOR TO FRAMING.
- ◇ E DENOTES EGRESS WINDOW REQUIRED.
- PROVIDE SAFETY GLAZING IN HAZARDOUS LOCATIONS PER CODE. WINDOW SUPPLIER TO VERIFY THAT GLAZING NEAR OR IN TUBS / SHOWERS AND THEIR ENCLOSURES, STAIRS, DOORS, AND WITHIN 18' OF FLOORS COMPLIES PER CODE.
- ◇ S DENOTES SAFETY GLAZING REQUIRED.

**WINDOW SCHEDULE NOTE:**

- FOR WINDOW TYPES & SIZES SEE FLOOR PLAN WINDOW LOCATIONS
- (3)-3056 CSM W/ 3016 AUN
- (3)- THREE WINDOW ASSEMBLY 3056 CSM- 3'-0" (WIDE) X 5'-6" (HEIGHT) CASMENT WINDOW 3016 AUN- 3'-0" (WIDE) X 1'-6" (HEIGHT) AUNING WINDOW
- SEE STRUCTURE SCHEDULE
- H11- SEE STRUCTURE SCHEDULE

**WINDOW FALL PROTECTION NOTES:**

- THE WINDOW FALL PROTECTION IS ONLY REQUIRED FOR WINDOWS THAT MEET ALL OF THE FOLLOWING CONDITIONS:
- ARE OPERABLE,
- ARE LOCATED MORE THAN 12" INCHES (823 MM) ABOVE FINISHED GRADE OR OTHER EXTERIOR SURFACE BELOW, AND
- HAVE A SILL HEIGHT OF LESS THAN 24 INCHES, AS MEASURED VERTICALLY FROM THE FLOOR SURFACE OF THE ROOM IN WHICH THEY ARE LOCATED.
- WHERE A WINDOW MEETS ALL OF THESE CONDITIONS REQUIRES THAT THE COMPLY WITH AT LEAST ONE OF THE FOLLOWING:
- HAVE OPENINGS WHICH WILL NOT ALLOW PASSAGE OF A 4" SPHERE,
- BE EQUIPPED WITH A WINDOW FALL PREVENTION DEVICE IN ACCORDANCE WITH ASTM F2090, OR
- BE EQUIPPED WITH OPENING CONTROL DEVICES IN ACCORDANCE WITH WHERE A WINDOW OPENING DEVICE IN ACCORDANCE WITH ASTM F2090 IS USED REQUIRES THAT THE DEVICE MUST NOT REDUCE THE NET CLEAR OPENING AREA OF THE WINDOW IN ITS FULLY OPEN POSITION TO LESS THAN THAT REQUIRED FOR REQUIRED EMERGENCY ESCAPE AND RESCUE OPENINGS (SECTION R310.2.1).

- THE INTENT OF THESE PROVISIONS IS TO PREVENT SMALL CHILDREN FROM FALLING OUT OF OPEN WINDOWS. AN OPENING CONTROL DEVICE INSTALLED ON ANY WINDOW MUST HAVE AN EMERGENCY RELEASE DEVICE THAT IS CLEARLY IDENTIFIED AND THAT OPERATES WITHOUT THE NEED FOR A KEY, TOOL, OR SPECIAL KNOWLEDGE. THESE OPERATION CRITERIA MATCH THE LANGUAGE IN THE PROVISIONS FOR EMERGENCY ESCAPE AND RESCUE OPENINGS.
- THE CODE REFERENCES ASTM F2090, WINDOW FALL PREVENTION DEVICES WITH EMERGENCY ESCAPE (EGRESS) RELEASE MECHANISMS FOR THE DEVICE REQUIREMENTS. THE STANDARD REQUIRES WINDOW FALL PREVENTION DEVICES TO BE CONSTRUCTED SUCH THAT A 4" SPHERE CANNOT PASS THROUGH.
- WINDOW FALL PREVENTION DEVICES INSTALLED ON ANY WINDOW MUST CONFORM TO ASTM F2090, THEREBY COMPLYING WITH THE OPERATION PROVISIONS FOR EMERGENCY ESCAPE AND RESCUE OPENINGS.

- WINDOW SILLS IN DWELLING UNITS, WHERE THE TOP OF THE SILL OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE THE FINISHED FLOOR AND GREATER THAN 12" ABOVE THE FINISHED GRADE OR OTHER SURFACE BELOW ON THE EXTERIOR OF THE BUILDING, THE OPERABLE WINDOW SHALL COMPLY WITH ONE OF THE FOLLOWING:
- OPERABLE WINDOWS WITH OPENINGS THAT WILL NOT ALLOW A 4" SPHERE TO PASS THROUGH THE OPENING WHERE THE OPENING IS IN ITS LARGEST OPENED POSITION.
- OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F2090.
- OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH SECTION R312.2

**GENERAL FLOOR PLAN NOTES:**

- ALL UNDIMENSIONED PARTITIONS (1'-0") ARE 3/4" ROUGH UNLESS NOTED OTHERWISE.
- ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
- ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
- WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS MEETS ALL EMERGENCY EGRESS REQUIREMENTS.
- ALL ELECTRICAL AND MECHANICAL EQUIPMENT, METER LOCATIONS, ETC. SHALL BE CONFIRMED BY MECHANICAL AND ELECTRICAL CONTRACTORS. CONTRACTORS SHALL COORDINATE WITH BUILDER PRIOR TO RELOCATION OF EQUIPMENT AND METERS.
- ALL TRUSSES TO BEAR ON EXTERIOR WALLS AND/OR GIRDER TRUSSES UNLESS NOTED OTHERWISE.
- TRUSS MFG. TO SIZE MEMBERS, FASTENERS, HANGERS & SET SPACING FOR ALL TRUSSES.
- FOR ADDITIONAL INFORMATION SEE GENERAL NOTES AND DETAILS.
- TYPICAL WINDOW HEAD HEIGHTS SHALL BE 8'-0" 1/8" A.F.F. (UNO) W/ 9'-1 1/8" CLG. AND 7'-0" 1/8" A.F.F. (UNO) W/ 9'-1 1/8" CLG.
- THE USE OF LOW-CARBON MATERIALS AND THE USE OF RECYCLED OR RECLAIMED MATERIALS, WHEREVER POSSIBLE, IS ENCOURAGED.

**STRUCTURAL SCHEDULE**

HDR	SIZE	POST	SIZE
H1	(2) 2x8	F1	(1) 2x4
H2	(2) 2x10	F2	(2) 2x4
H3	(2) 1 3/4 x 9 1/4 LVL	F3	(3) 2x4
H3A	(3) 1 3/4 x 9 1/4 LVL	F4	(4) 2x4
H4	(2) 2x12	F5	(1) 4x6
H5	(1) 3/4 x 11 1/4 LVL	F6	(1) 6x6
H6	(3) 1 3/4 x 11 1/4 LVL	F7	(1) 4x4 PBL
H7	(1) 3/4 x 14 LVL	F8	(1) 4x6 PBL
H7A	(3) 1 3/4 x 14 LVL	F9	(1) 4x8 PBL
H8	(2) 1 3/4 x 16 LVL	F10	(1) 6x6 PBL
H8A	(3) 1 3/4 x 16 LVL	F11	(2) 2x6
H9	(2) 1 3/4 x 18 LVL	F12	(3) 2x6
H9A	(3) 1 3/4 x 18 LVL	F13	(4) 2x6
H10	(3) 2x10	F14	(1) 4x4
H11	(2) 2x12	F15	(1) 2x6
H12	(1) 1 3/4 x 11 7/8 LVL	KING	SIZE
H13	(1) 3/4 x 11 7/8 LVL	K1	(1) 2x4
H14	(3) 1 3/4 x 11 7/8 LVL	K2	(2) 2x4
H15	(3)-11 7/8" LVL W/ (2)-1/2" STPL PLATE BOLTED STAGGERED 12" O.C. 11B	K3	(1) 2x6
		K4	(2) 2x6

LNTL	SIZE	COL	SIZE
L1	L 4 x 3 1/2 x 5/16	C1	3" STL PIPE
L2	L 6 x 3 1/2 x 5/16	C2	3 1/2" STL PIPE
L3	L 8 x 4 x 1/2	C3	4" STL PIPE

- GENERAL FLOOR PLAN NOTES:
- ALL HEADERS SHALL BE (3)-2X12 IN 2X6 FRAME WALLS
- (2)-2X12'S IN 2X4 FRAME WALL WALLS UNLESS NOTED OTHERWISE-ALL HEADERS SHALL HAVE ONE KING STUD AND TWO CRIPPLES UNLESS NOTED OTHERWISE.

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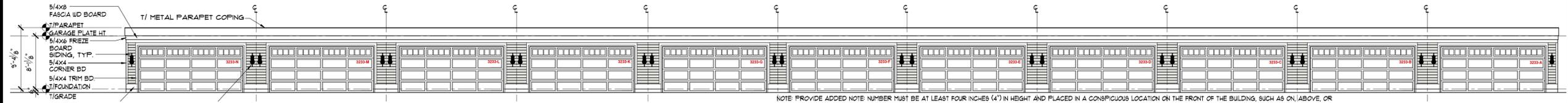
DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HP

PROJECT NUMBER	241106.01
DRAWN BY	DB/HP
DESCRIPTION	11 UNITS BUILDING ASSEMBLY ATTIC FLOOR UNIT PLAN

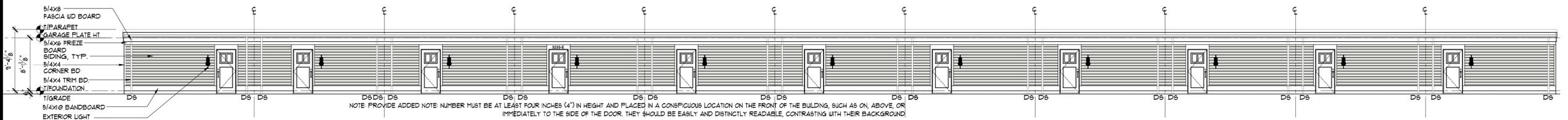
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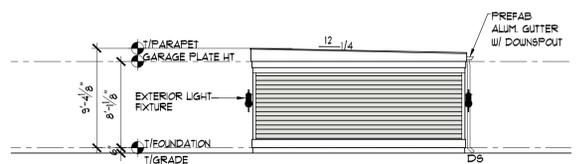




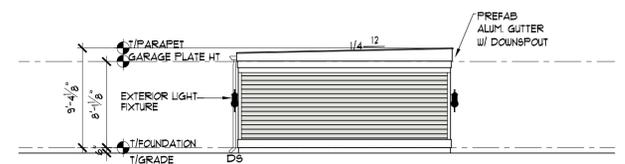
1 NORTH-FRONT ELEVATION 2 CAR GARAGE ASSEMBLY-11 UNITS  
SCALE: 1/8"=1'-0"



2 SOUTH-REAR ELEVATION 2 CAR GARAGE ASSEMBLY-11 UNITS  
SCALE: 1/8"=1'-0"



3 WEST-RIGHT ELEVATION 2 CAR GARAGE ASSEMBLY-11 UNITS  
SCALE: 1/8"=1'-0"



4 EAST-LEFT ELEVATION 2 CAR GARAGE ASSEMBLY-11 UNITS  
SCALE: 1/8"=1'-0"

**ELEVATION NOTES**

SEE COVER SHEET FOR GENERAL NOTES

- TYPICAL SIDING - JAMES HARDE VERTICAL SIDING WITH BATTEN TRIM
- EXTERIOR TRIM SHALL BE FIBER CEMENT TRIM
  - TYPICAL CORNERS SHALL BE 5/4x6
  - SAGING FRONT AND REAR W/ 5/4x4 AT SIDES
  - TYPICAL FRIEZE SHALL BE 5/4x6 SMART TRIM
  - TYPICAL WINDOW WRAP/SHALL BE 5/4x4
  - TYPICAL DOOR WRAP SHALL BE 5/4x6
  - TYPICAL FASCIA BOARD SHALL 5/4x8
  - TYPICAL EAVE SHALL BE ALUM. WRAPPED 1x8 W/ CONTINUOUSLY VENTED SMART TRIM SOFFIT.
- PROJECTED RAKE SHALL BE FIBER CEMENT TRIMS ON 1x8 W/ SMART TRIM SOFFIT AND 5/4x8 SUBRAKE
- TYPICAL ROOF SHALL BE OENS CORNING DURATION PREMIUM SINGLES (24" TO 24" PER SQUARE) OR ED
- PROVIDE 3/4" WIDE ICE & WATER SHIELD STARTER AND AT ALL VALLEYS AND EAVES
- PROVIDE ALUMINUM FLASHING AT ALL ROOF/WALL INTERSECTIONS, ABOVE WINDOW/DOOR HEADS AND BAND BOARDS, AND SIMILAR PENETRATIONS
- GUTTERS AND DOWNSPOUTS SHALL BE SEAMLESS ALUMINUM W/ 3' EXTENSIONS AND SPLASH-BLOCKS
- PROVIDE CONTINUOUS RIDGE VENT AND / OR 5/8" ALUM. ROOF VENTS NEAR RIDGE W/ EQUAL AREA OF SOFFIT VENTILATION MINIMUM 1/300TH OF ATTIC AREA
- WINDOW MANUFACTURER TO VERIFY EGRESS WINDOW AREA OF 5.7 S.F. PROVIDED IN EACH BEDROOM
- FIREPLACE FLUE TO MEET MANUFACTURER'S CLEARANCE RECOMMENDATIONS
- PROVIDE ODS SADDLES AT ROOF AND WALLS WHERE WATER FLOW OR SNOW BUILDUP MAY CAUSE DAMAGE PROVIDE ICE AND WATER SHIELD ON ROOF / WALL
- PROVIDE BUILDING WRAP ON ALL WALL SHEATHING. ALL SEAMS TO BE LAPPED AND TAPED PER MANUFACTURER LAP AND TAPE OVER FLASHING
- TYPICAL WINDOW/DOOR HEAD SHALL BE 1x4 ON 5/4x12 W/ ALUM. FLASHING ABOVE

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**Proposed 11 Units  
Assembly Building**

General contractor  
Kaplan Custom Homes Inc.  
847. 219-1616 ph  
Developer  
Krosha Properties Inc.  
847. 219-1616 ph  
4170 Phyllis Rd  
Northbrook IL, 60061

**PROJECT ADDRESS:**

3233 Central Ave  
Evanston, IL 60201

DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HP

PROJECT NUMBER	241106.01
DRAWN BY	DB/HP

DESCRIPTION 11 UNITS BUILDING ASSEMBLY  
DETACHED GARAGES

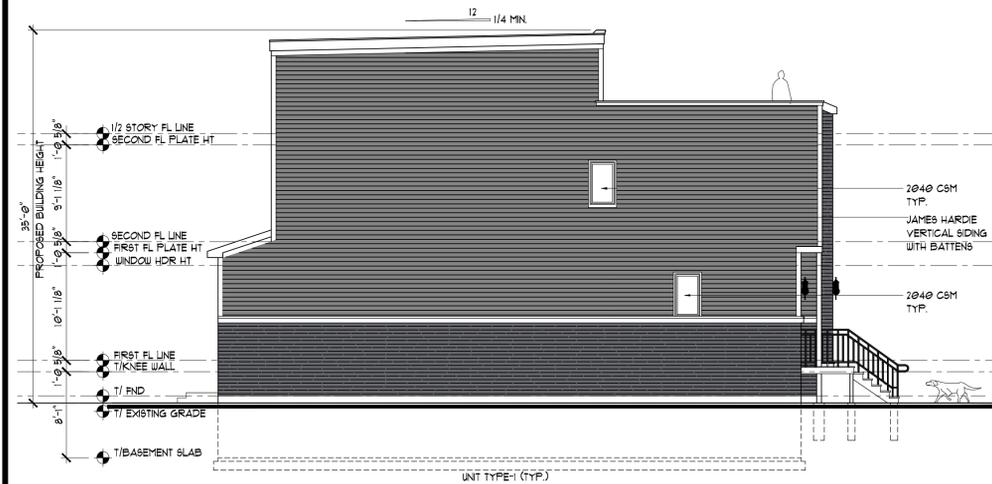
SHEET  
**A-118**

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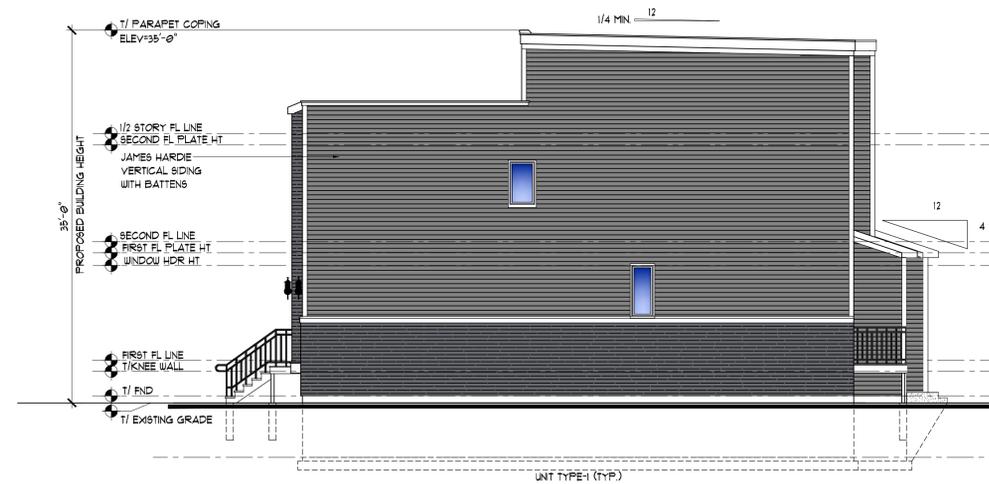
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1 PROPOSED SOUTH-FRONT - 11 UNITS BUILDING ASSEMBLY ELEVATION  
SCALE: 1/8"=1'-0"



2 PROPOSED WEST-LEFT - 11 UNITS BUILDING ASSEMBLY ELEVATION  
SCALE: 1/8"=1'-0"



3 PROPOSED EAST-RIGHT - 11 UNITS BUILDING ASSEMBLY ELEVATION  
SCALE: 1/8"=1'-0"



4 PROPOSED NORTH-REAR - 11 UNITS BUILDING ASSEMBLY ELEVATION  
SCALE: 1/8"=1'-0"

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DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HHP

Sheet:	
PROJECT NUMBER	241106.01
DRAWN BY	DB/HP
DESCRIPTION - 11 UNITS BUILDING ASSEMBLY EXTERIOR ELEVATIONS	

SHEET  
**A-300**

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**EXTERIOR MATERIAL LEGEND**

	NIGHT GRAY JAMES HARDIE SIDING
	ARCTIC WHITE JAMES HARDIE SIDING
	2" THICK SNOW WHITE BRICK / IRON LUX-CHARCOAL
	2" THICK IRON LUX-CHARCOAL / IRON LUX-CHARCOAL

**KEYNOTE LEGEND**

TAG	DESCRIPTION
1.1	CORONADO 2" BRICK - COUNTRY RUBBLE ASPEN
1.2	6"x6" BOX FIBER CEMENT COLUMN WRAPS
1.3	EXTERIOR LIGHT FIXTURE BRONZE DOWNLIGHT
1.4	PAC-150 STANDING SEAM METAL ROOFING PANELS OR EQUAL
1.5	NCHIHAI VINTAGEWOOD REDWOOD FIBER CEMENT PANELS
2.1	ALUMINUM GUARD RAILING
2.2	8" FIBER CEMENT TRIM, JAMES HARDIE OR EQUAL
2.3	8" FASCIA BAND BD, FIBER CEMENT JAMES HARDIE OR EQUAL
2.4	8" FRIEZE FIBER CEMENT TRIM, JAMES HARDIE OR EQUAL
2.5	ALUM. WINDOWS W/U-FACTOR 0.30 MAX - COLOR TO BE SELECTED
2.6	FIBER CEMENT JAMES HARDIE HORIZONTAL SIDING
2.7	ENTRY DOOR - EXACT FINISH & DESIGN TO BE SELECTED

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Drawn By:	DB/HP

PROJECT NUMBER	241106.01
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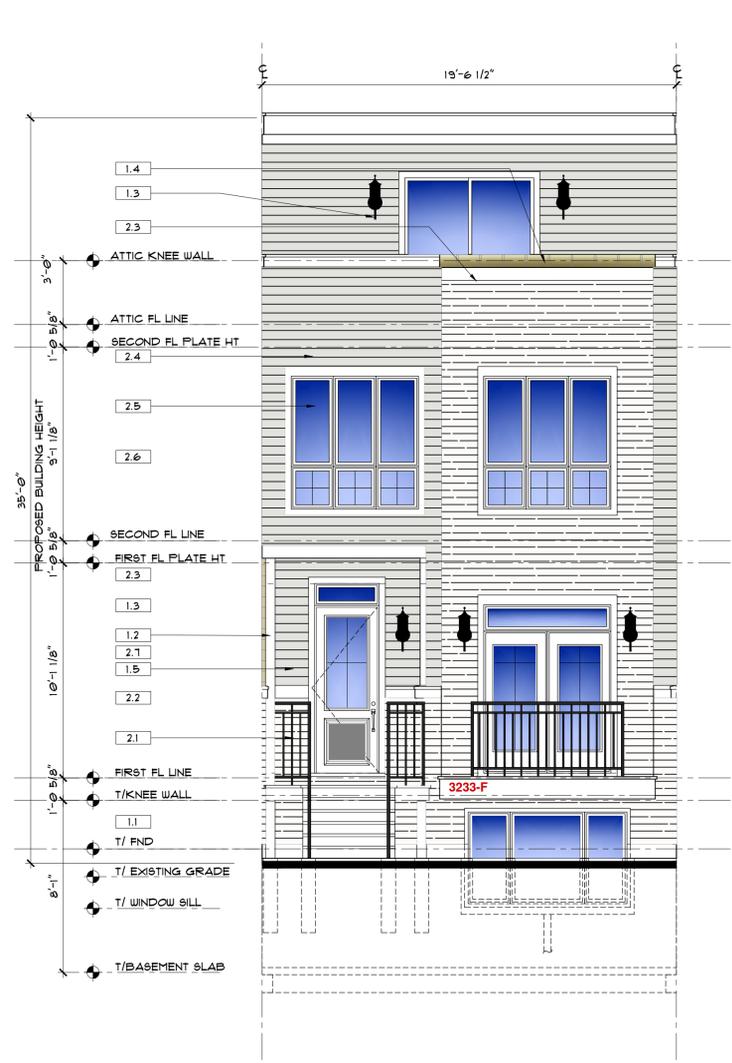
DESCRIPTION: 11 UNITS BUILDING ASSEMBLY  
 CROSS BUILDING SECTION, UNIT ELEVATIONS

SHEET  
**A-301**

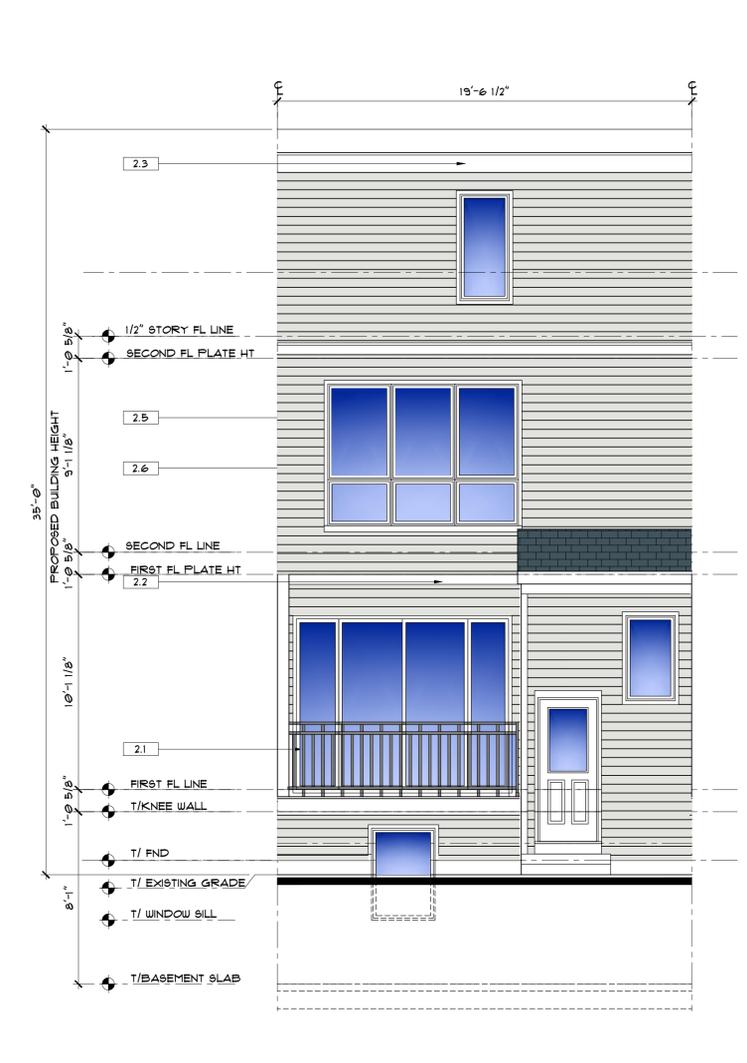
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**2 FRONT UNIT ELEVATION-TYPICAL-1**  
 SCALE: 1/4"=1'-0"



**2 FRONT UNIT ELEVATION-TYPICAL-2**  
 SCALE: 1/4"=1'-0"



**3 REAR UNIT ELEVATION-TYPICAL-1, 2**  
 SCALE: 1/4"=1'-0"

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**PROJECT ADDRESS:**  
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 Evanston, IL 60201

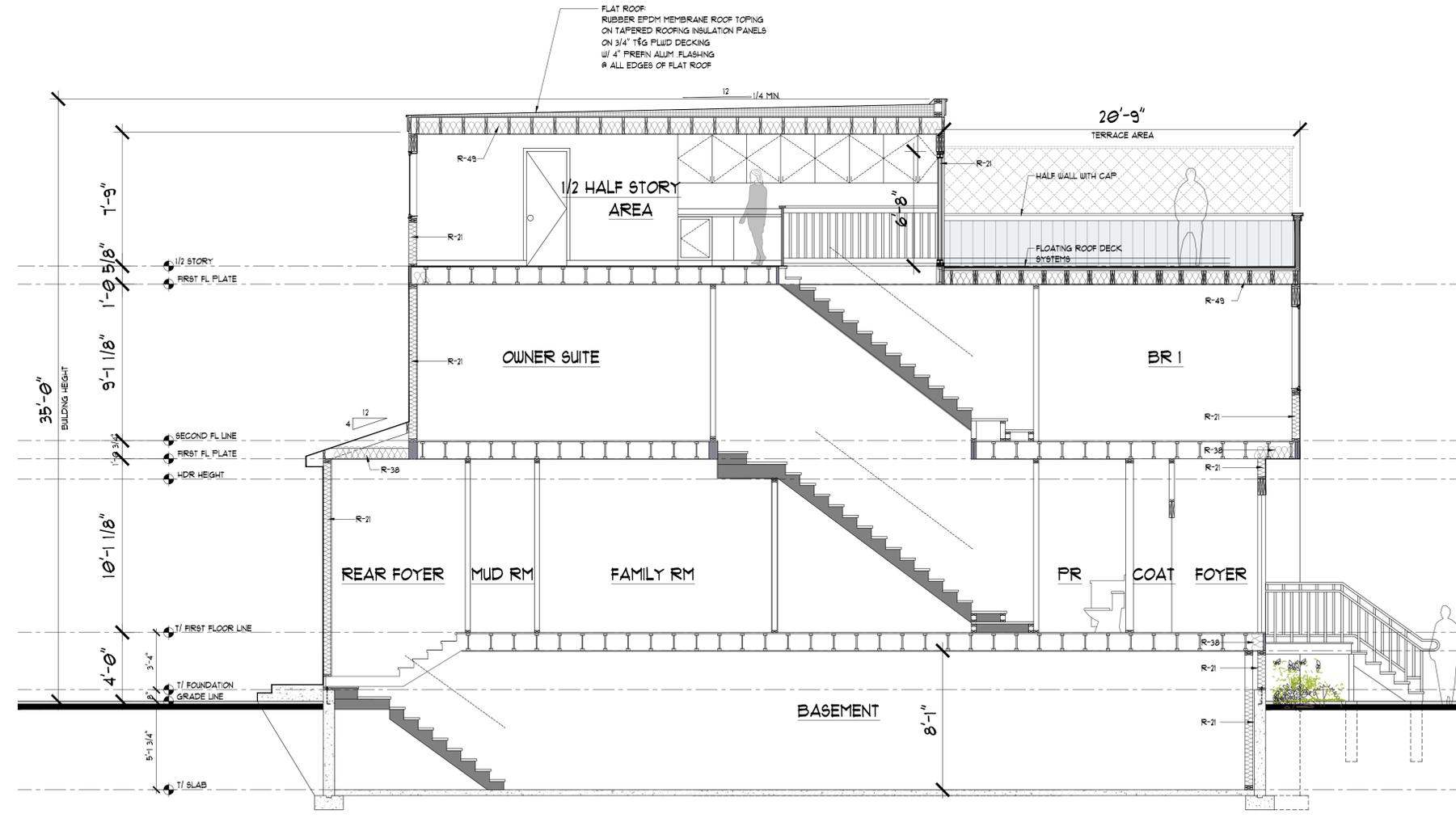
DATE	DESCRIPTION
Issue Date:	DEC 05, 2025 (3)
Drawn By:	DB/HP

PROJECT NUMBER	241106.01
DRAWN BY	DB/HP

DESCRIPTION: 11 UNITS BUILDING ASSEMBLY CROSS BUILDING SECTION,

SHEET  
**A-302**

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**TYPICAL CROSS SECTION**  
 SCALE: 1/4"=1'-0"

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