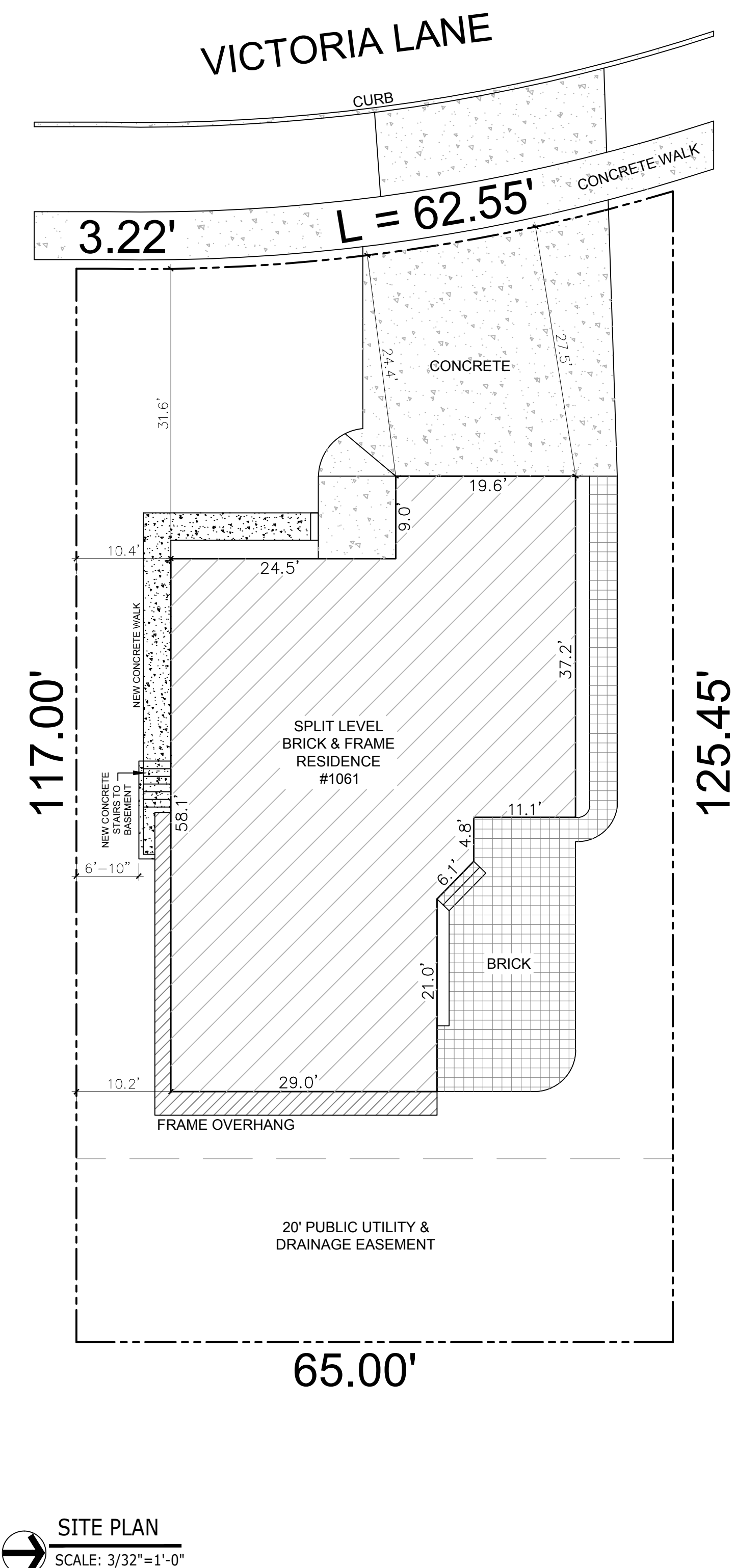




INTERIOR REMODELING OF EXISTING SINGLE FAMILY RESIDENCE:

BASEMENT ALTERATIONS TO INCLUDE NEW ELECTRICAL & PLUMBING.

1ST FLOOR REMODELING TO INCLUDE MASTER BATHROOM REMODELING, NEW WINDOW AT LIVING, NEW WASHER/ DRYER, AS SHOWN PER PLANS

AT
1061 VICTORIA LN

E.L.
3.9.23

DRAWINGS LIST

- T-1 TITLE SHEET, SITE PLAN, & NOTES
- G-1 GENERAL NOTES
- D-1 DEMOLITION FLOOR PLANS
- A-1 ARCHITECTURAL FLOOR PLANS
- A-2 ARCHITECTURAL SECTION, DETAILS, SCHEDULES AND NOTES
- A-3 ARCHITECTURAL ATTIC FRAMING PLAN
- E-1 ELECTRICAL FLOOR PLANS AND NOTES
- P-1 PLUMBING NOTES AND DIAGRAMS

E.L.
3.9.23

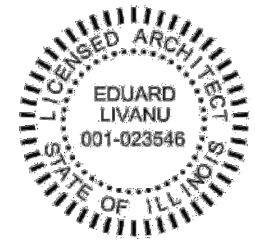
ABBREVIATIONS

A.B.	ANCHOR BOLT	EXST.	EXISTING	PROVD	PROVIDED
ABV. GRD.	ABOVE GRADE	EXT	EXTERIOR	PS	PLUMBING STACK
ACC.	ACCESSIBLE	F.D.	FLOOR DRAIN	PSF	POUNDS PER SQUARE FOOT
ACT	ACOUSTICAL TILE	F.F.	FINISH FLOOR	PSI	POUNDS PER SQUARE INCH
A.D.	AREA DRAIN	FIN.	FINISH	PSL	PARALLEL STRAND LUMBER
A.F.F.	ABOVE FINISHED FLOOR	FLR	FLOOR	P.T.	PRESSURE TREATED
AFI	ARC FAULT INTERRUPTER	FND'N	FOUNDATION	PTD.	PAINTED
A.F.S.	ABOVE FINISHED SURFACE	FTG	FOOTING	PVC	POLYVINYL CHLORIDE
APT	APARTMENT	FURN.	FURNACE	Q.T.	QUARRY TILE
BLDG	BUILDING	F.W.	FIRE WALL	R	RISER
BLKG	BLOCKING	GFI	GROUND FAULT INTERRUPTER	R.A.	RETURN AIR
B.O.	BOTTOM OF	GL.	GLAZING	REF.	REFRIGERATOR
BR	BEDROOM	GL.BL.	GLASS BLOCK	REG.	REGISTER
BRG	BEARING	GND	GROUND	REQ'D	REQUIRED
BRK.	BRICK	GYP. BD	GYPSUM BOARD	RET.	RETURN
BSMT.	BASEMENT	HC	HOLLOW CORE	RM.	ROOM
BTUH	BRITISH THERMAL UNITS PER HOUR	HDWR	HARDWARE	R.O.	ROUGH OPENING
C	CARBON MONOXIDE DETECTOR	HM	HOLLOW METAL	S	SEALANT
CAB.	CABINET	HR	HOUR	SC.	SOLID CORE
CFM	CUBIC FEET PER MINUTE	HT	HEIGHT	SCFS	SEALED CONCRETE FLOOR
CHEKD	CHECKERED	HHW	HOT WATER HEATER	S.D.	SMOKE DETECTOR
CLG.	CEILING	INSUL.	INSULATION	S.F.	SQUARE FEET (FOOT)
CLO.	CLOSET	INT	INTERIOR	SHO	SHOWER
CPT	CARPET	J.BOX	JUNCTION BOX	SHT.	SHEET
CMU	CONCRETE MASONRY UNIT	KIT.	KITCHEN	SIM.	SIMILAR
CONC.	CONCRETE	KSF	KIP PER SQUARE FOOT	SP	SUMP PUMP
CONST.	CONSTRUCTION	LAV.	LAVATORY	S&P	STAIN & POLYURETHANE
CONT.	CONTINUOUS	LB.	POUND	STL.	STEEL
C.T.	CERAMIC TILE	LBP	LEAD BASED PAINT	STRUCT	STRUCTURAL
C.U.	CONDENSING UNIT	LIN	LINEN CLOSET	T	TREAD
D	DRYER	LIV. RM.	LIVING ROOM	T&B	TOP AND BOTTOM
DBL	DOUBLE	LL	LIVE LOAD	T.D.	TRAVEL DISTANCE
DIM.	DIMENSION	LVL	LAMINATED VENEER LUMBER	T.GL.	TEMPERED GLASS
DIN. RM.	DINING ROOM	MANUF.	MANUFACTURER	T.O.	TOP OF
DISP.	DISPOSAL	MAT'L	MATERIAL	T&P	TEMPERATURE AND PRESSURE
DL	DEAD LOAD	MAX.	MAXIMUM	TJ	TRUSS JOIST
DR	DOOR	MECH.	MECHANICAL	TYP.	TYPICAL
DS.	DOWN SPOUT	MIL.	MILLIMETER	UL	UNDERWRITER'S LABORATORY
DTL	DETAIL	MIN.	MINIMUM	VCT	VINYL COMPOSITION TILE
DW	DISHWASHER	M.O.	MASONRY OPENING	VENT	VENTILATION
EA.	EACH	MTD.	MOUNTED	V.I.F.	VERIFY IN FIELD
E.F.	EXHAUST FAN	MTL	METAL	V.T.R.	VENT TO ROOF
EFIS	EXTERIOR FINISH INSULATING SYSTEM	N.I.C.	NOT IN CONTRACT	W	WASHER
ELEC	ELECTRIC	NTS	NOT TO SCALE	W/	WITH
ELEV.	ELEVATION	O.C.	ON CENTER	W.C.	WATER CLOSET
EP	EJECTOR PUMP	OCC.	OCCUPANCY	WD	WOOD
EQUIP.	EQUIPMENT	O.H.	OPPOSITE HAND	W/D	WASHER/DRYER
EXH.	EXHAUST	P.C.	PULL CHAIN	WP	WEATHER PROOF
EXP	EXPOSED CONSTRUCTION	PLYWD.	PLYWOOD	WWF.	WELDED WIRE FABRIC

ENERGY CONSERVATION CODE COMPLIANCE STATEMENT

I CERTIFY THAT I AM REGISTERED ENERGY PROFESSIONAL (REP.) AND I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE ATTACHED PLANS FOR FULLY COMPLY WITH THE REQUIREMENTS OF 2018 INTERNATIONAL ENERGY CONSERVATION CODE.

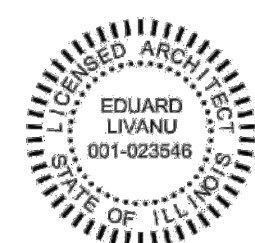
SIGNED:  DATE: 9.12.22
EDUARD LIVANU
Illinois License Number: 001-023546 Exp: 11/2024



CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF CONFORM TO THE CURRENT EDITION OF VILLAGE OF GLENDALE HEIGHTS BUILDING AND ZONING CODE.

SIGNED:  DATE: 9.12.22
EDUARD LIVANU
Illinois License Number: 001-023546 Exp: 11/2024



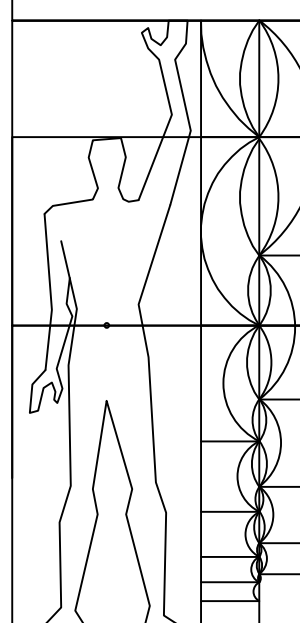
ADOPTED BUILDING CODES

- 2006 INTERNATIONAL RESIDENTIAL CODE
- 2014 ILLINOIS PLUMBING CODE
- 2008 NATIONAL ELECTRIC CODE
- 2018 ILLINOIS ENERGY CONSERVATION CODE
- 2006 INTERNATIONAL PROPERTY MAINTENANCE CODE

ZONING: PD R-3

GENERAL NOTES:

- DRAWINGS GENERALLY INDICATE SCOPE OF WORK. EACH CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK TO ENSURE A COMPLETE AND PROPER INSTALLATION OF THEIR WORK. SEE SPECIFICATIONS FOR ADDITIONAL NOTES.
- ALL WORK SHALL COMPLY WITH VILLAGE OF GLENDALE HEIGHTS, STATE AND FEDERAL ORDINANCES HAVING JURISDICTION. NOTHING HEREIN SHALL BE INTERPRETED TO THE CONTRARY. ALL PERMITS AND INSPECTIONS REQUIRED SHALL BE SECURED BY THE CONTRACTOR INVOLVED.
- EVERY CONTRACTOR AND SUB-CONTRACTOR BY USING THESE PLANS FOR THEIR WORK HEREBY AGREES TO HOLD THE VILLAGE OF GLENDALE HEIGHTS, THE OWNER OF RECORD, THE ARCHITECT OF RECORD, INCLUDING THEIR RESPECTIVE EMPLOYEES AND AGENTS, WHILE ACTING WITH THE SCOPE OF THEIR DUTIES, FROM AND AGAINST ANY LIABILITY, CLAIMS, DAMAGES AND THE COST OF DEFENSE, ARISING OUT OF THE CONTRACTORS PERFORMANCE OF THE WORK DESCRIBED IN THESE PLANS AND SPECIFICATIONS, BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, ENGINEER OR THEIR EMPLOYEES AND AGENTS.



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ISSUED DATE
3.9.2023

1061 VICTORIA LN
GLENDALE HEIGHTS, IL 60139

TITLE SHEET,
SITE PLAN & NOTES

T-1

GENERAL CONDITIONS

1. VERIFY ALL EXISTING CONDITIONS, MATERIALS, DIMENSIONS, AND UTILITIES IN FIELD PRIOR TO EXECUTION OF THE WORK.
2. PERFORM ALL CUTTING, PATCHING, AND REPAIR WORK AS REQUIRED TO COMPLETE THE PROJECT.
3. OWNER WILL OBTAIN THE GENERAL PERMIT, GENERAL CONTRACTOR SHALL OBTAIN AND ARRANGE FOR ALL OTHER PERMITS REQUIRED FOR COMPLETION OF THE PROJECT, ARRANGE FOR ALL NECESSARY INSPECTIONS AND TESTS AS REQUIRED BY THE VILLAGE OF GLENDALE HEIGHTS AND MAKE ALL REQUIRED SUBMITTALS.
4. DESIGN BUILD: PORTIONS OF THE WORK SHALL INDICATE THAT WORK WILL BE PERFORMED ON A 'DESIGN/BUILD' BASIS. IN SUCH CASES, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE COMPLETE DESIGN, ENGINEERING, AND INSTALLATION OF SUCH SYSTEMS OR EQUIPMENT, AND SHALL WARRANTY TO THE OWNER THAT SUCH WORK SHALL ADEQUATELY MEET THE NEEDS AND REQUIREMENTS OF THE OWNER AND OF THE PROJECT AS PLANNED AND ITS INTENDED USES AS WELL AS COMPLY COMPLETELY WITH ALL APPLICABLE CODES, ORDINANCES, AND GOVERNING REGULATIONS. IN NO WAY SHALL A DESIGN/BUILD ARRANGEMENT LIMIT THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE HIS OBLIGATION TO MEET SUCH NEEDS AND REQUIREMENTS. DESIGN/BUILD WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

"HVAC SYSTEM
"PLUMBING SYSTEM
"ELECTRICAL SYSTEM
"STRUCTURAL SYSTEM (TRUSSES, TRUSS GIRDERS)
"REAR DECK/STAIR

5. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE OWNER.
6. PROTECT PROPERTY AND OWNER OPERATIONS FROM DAMAGE AND/OR DELETERIOUS ACTIVITIES. REPAIR ANY DAMAGE THAT MAY OCCUR AT ONCE.
7. PROVIDE ALL TEMPORARY LIGHTING, POWER, AND HEAT AND VENTILATION, GUARDS AND ENCLOSURES, SCAFFOLDING SYSTEMS, SECURITY AND WEATHER PROTECTION AS REQUIRED TO PROPERLY PERFORM THE WORK AND INSURE THE SAFETY OF THE WORKMEN AND PROJECT OCCUPANTS. MAINTAIN TEMPORARY SYSTEMS THROUGHOUT DURATION OF THE WORK OR UNTIL PERMANENT SYSTEMS ARE COMPLETED.
8. THE CONTRACTOR AND ALL OF HIS SUBCONTRACTORS, EMPLOYEES AND PERSONNEL SHALL BE INSURED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH CONTRACT DOCUMENTS. ARCHITECT SHALL BE NAMED AS 'ADDITIONAL' INSURED ON INSURANCE POLICIES OF ALL CONTRACTORS ON THE PROJECT AND SHALL BE PROVIDED EVIDENCE OF SAME PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES.
9. MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. REMOVE ALL DEBRIS, EXCESS MATERIALS, DIRT AND SIMILAR ITEMS AND PROPERLY DISPOSE OF OFF SITE.
10. ALLOWABLE UNITS STRESS AND LOADING IN ACCORDANCE WITH LOCAL CODES AND AS FOLLOWS:
"LIVE LOADS AT ROOF 40 LBS/SF
"LIVE LOADS AT FLOORS 40 LBS/SF
"LIVE LOADS AT PORCHES/BALCONIES/DECKS 100 LBS/SF
"LIVE LOADS AT STAIRS 100 LBS/SF
"WIND LOADS 20 LBS/SF

11. NOTIFY ARCHITECT IN WRITING AT ONCE OF ANY DISCREPANCIES FOUND IN THE CONSTRUCTION DOCUMENTS. IN SUCH CASES THE MOST RESTRICTIVE (GREATER QUANTITY OR THE BETTER QUALITY) SHALL GOVERN.
12. THE OWNER MAY OCCUPY PORTIONS OF THE PROJECT PRIOR TO COMPLETION OF THE WORK. PHASE WORK OPERATIONS TO MAINTAIN HABITABLE STANDARDS OF SECURITY, SANITATION, WEATHER PROTECTION, AND CLEANLINESS FOR THE OWNER. PROVIDE TEMPORARY ENCLOSURES TO SEPARATE AREAS OF WORK FROM OCCUPIED PORTIONS.
13. ALL MATERIALS SHALL BE NEW. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH BUILDING CODE REGULATIONS AND MANUFACTURERS' INSTRUCTIONS. ALL MATERIALS FOR WHICH UNDERWRITERS LABORATORIES ISSUES A LABEL SHALL CARRY THE U.L. LABEL. PROVIDE ADDITIONAL CONTROLS, ACCESSORIES AND DEVICES TO COMPLETE THE INSTALLATION WHETHER OR NOT SHOWN IN THE PERMIT DOCUMENTS.
14. TEST, BALANCE, ADJUST AND REPAIR WORK AND EQUIPMENT FOR PROPER OPERATION AND OPTIMUM PERFORMANCE.
15. AT TIME OF SUBSTANTIAL COMPLETION, ALL LAMPS SHALL BE OPERATIONAL, ALL FILTERS CLEAN, ALL SYSTEMS OPERATIONAL WITHOUT LEAKAGE EXCESSIVE VIBRATION OR NOISE.
16. PROVIDE SAFETY-GLAZING MATERIALS AT ALL HAZARDOUS LOCATIONS AS DEFINED BY THE VILLAGE OF GLENDALE HEIGHTS AND CODES CURRENTLY ENFORCED BY THAT MUNICIPALITY.

1. THE CONTRACTOR SHALL CAREFULLY AND FULLY EXAMINE THE SITE OF THE WORK, AND COMPARE IT TO THIS DOCUMENT AND ALL OTHER CONDITIONS AND LIMITATIONS PERTAINING TO WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND SHALL PROVIDE SITE SURVEY DETERMINING CRITICAL GRADE ELEVATIONS FOR REFERENCE BY ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK. NO WORK IS TO START UNTIL ALL DISCREPANCIES ARE RESOLVED.
2. THE PROPOSED WORK SHALL BE CONSTRUCTED ACCORDING TO THE ORDINANCES AND REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS, ADOPTED OCTOBER 1, 1983 AND SUPPLEMENTAL SPECIFICATIONS.
3. PROVIDE ALL CUTTING, PATCHING SHORING AND DE-WATERING NECESSARY TO COMPLETE THE WORK.
4. KEEP EXITS, ACCESS WAYS, OWNER OCCUPIED AREAS AND DRIVES CLEAN AND FREE FROM DEBRIS.
5. CUT AND CAP UTILITIES THAT ARE TO BECOME ABANDONED OR REPLACED BY NEW WORK. COORDINATE WITH UTILITY OWNER PRIOR TO SUBMITTING BID.
6. EARTHWORK:
"COORDINATE WITH ALL UNDERGROUND UTILITIES PRIOR TO STARTING EXCAVATION.
"LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT UTILITY OWNER IMMEDIATELY FOR DIRECTIONS. EXISTING UTILITIES ARE TO REMAIN IN EFFECT DURING CONSTRUCTION.
"UNIFORMLY GRADE AREAS WITHIN SPECIFIC TOLERANCES, COMPACT WITH UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED AND BETWEEN SUCH POINTS AND EXISTING GRADE.
"DETERMINE EXTENT OF CUT OR FULL REQUIRED PRIOR TO SUBMITTING BID.
"PROVIDE SUITABLE FILL REQUIRED. DISPOSE OF EXCESS EXCAVATED MATERIAL, WASTE, TRASH, AND DEBRIS OFF-SITE.
"PROTECT EXISTING LANDSCAPE (IE. TREE TRUNKS, ROOTS, SHRUBS, ETC.) DURING CONSTRUCTION. TREE TRUNKS SHALL BE WRAPPED WITH A 4 FOOT HIGH SHEATHING OF 2X4 OR SIMILAR AT THE BASE. ADDITIONALLY, A 3 FOOT HIGH SNOW FENCE OR SIMILAR FENCE SHALL BE ERRECTED AROUND THE TREES DRIP LINE TO PROTECT THE TREES ROOT SYSTEM FROM VEHICLE COMPACTION. THESE PROTECTIONS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT FOR ALL TREES IN THE WORK AREA AND WITHIN 20 FEET OF THE ACCESS WAYS TO WORK AREA.
"EXCAVATED MATERIALS SHALL BE REMOVED FROM SITE IMMEDIATELY OR SHALL BE STOCK PILED IN APPROVED AREAS IN PLYWOOD SHEATHING LAID ON THE GROUND.

7. PAVEMENT:
"APPLY BINDER AND SURFACE COURSES WHEN AMBIENT TEMPERATURE IS ABOVE 40 DEGREES F AND WHEN TEMPERATURE HAS NOT BEEN BELOW 30 DEGREES F FOR 12 HOURS IMMEDIATELY PRIOR TO APPLICATION.
"BITUMINOUS ASPHALT SHALL BE PLANT-MIXED HOT LAID ASPHALT AGGREGATE MIXTURE IN 2 1/2" MINIMUM THICKNESS COMPLYING WITH ASTM D 3515 AND AS RECOMMENDED BY LOCAL AUTHORITIES TO SUIT PROJECT CONDITIONS.
"APPLICATION SHALL BE 1 1/2" BINDER AND 1" SURFACE COURSE THICKNESS ON 6" STONE OR GRAVEL ON C COMPACTED FILL. SURFACE SMOOTHNESS TOLERANCES SHALL BE 1/4". PROVIDE PROPER SURFACE PITCH TO AVOID ANY PONDING.
"ALL UNSUITABLE MATERIAL AND SOFT YIELDING AREAS SHALL BE REMOVED AND REPLACED WITH CRUSHED STONE, IDOT C-8A GRADATION, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY IN PAYMENT AREAS AND COMPACTED TO 3000 PSF IN BUILDING PAD LIMITS.
8. BACKFILL ALL WALLS BY PLACING GRANULAR FILL IN 1'-0" LIFTS EVENLY ON BOTH SIDES OF WALL. ALL BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DENSITY.

WOOD AND PLASTIC

- ROUGH CARPENTRY NOTES
1. ALL SAWN LUMBER FRAMING SHALL COMPLY WITH THE REQUIREMENTS AND RECOMMENDATIONS OF 'THE NATIONAL DESIGN SPECIFICATION' (NDS), LATEST EDITION, AS PUBLISHED BY 'THE NATIONAL FOREST PRODUCTS ASSOCIATION' (NFA).
 1. ALL PLYWOOD DECKING AND SHEATHING SHALL COMPLY WITH THE REQUIREMENTS AND RECOMMENDATIONS OF THE AMERICAN PLYWOOD ASSOCIATION (APA), LATEST EDITION.

3. ALL SAWN LUMBER SHALL BE OF A SPECIES AND GRADE HAVING THE FOLLOWING MIN. VALUES: Fb = 1300 PSI, Fc = 600 PSI, Fv = 175 PSI, E = 1700 KSI. MAXIMUM ALLOWABLE MOISTURE CONTENT SHALL BE 19%.
4. ALL HEAVY TIMBER SHALL BE DOUGLAS FIR #1, HAVING THE FOLLOWING MIN. VALUES: Fb = 1650 PSI, Fc = 1750 PSI, E = 1700 KSI.
5. PROVIDE 1"x4" OR METAL CROSS BRIDGING NOT OVER 6 FEET ON CENTER FOR ALL WOOD JOISTS.
6. PROVIDE SOLID BLOCKING OF THE SAME DIMENSION AS THE JOISTS BETWEEN THE JOISTS AT ALL SUPPORTS.
7. ALL PLYWOOD PARTI FLUORING, DECKS AND AS WELL AS SHEATHING SHALL BE OF THE THICKNESS SHOWN ON THE DRAWINGS AND SHALL MEET ALL THE REQUIREMENTS OF U.S. PRODUCT STANDARD PS 1, LATEST EDITION, FOR STRUCTURAL 1 GRADE MATERIAL AND/OR APA 'PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL USE PANELS', FORM NO. E445.
8. 'ALLOWABLE UNIT' STRESSES FOR LAMINATED MEMBERS: BENDING - 2900 PSI HORIZONTAL SHEAR - 285 PSI.
9. ALL PRE-ENGINEERED WOOD PRODUCTS, INCLUDING BUT NOT LIMITED TO, WOOD TRUSSES, SHALL BE DESIGNED AND DETAILED TO SUPPORT THE LOADS INDICATED ON THE DRAWINGS. SHOP DRAWINGS AND CALCULATIONS BEARING A REGISTERED ENGINEER'S CERTIFICATION SHALL BE SUBMITTED FOR REVIEW AND SHALL CONTAIN SIZE, SPACING, LOCATION, AND CONFIGURATION OF SUCH MEMBERS. ALL SPECIES AND GRADES OF MATERIALS USED SHALL BE CLEARLY STATED ON SHOP DRAWINGS. CALCULATIONS SHALL BE SUBMITTED SHOWING LOADS, SHEARS, MOMENTS AND DEFLECTIONS FOR ALL SUCH MEMBERS. CALCULATIONS SHALL CLEARLY STATE ALL SECTION PROPERTIES (SECTION MODULUS, MOMENT OF INERTIA, MODULUS OF ELASTICITY), ALL DESIGN STRESSES, AND ALLOWABLE STRESSES USED IN DETERMINING SUCH MEMBERS.
10. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO INSURE PROPER ALIGNMENT AND STABILITY OF TRUSSES DURING CONSTRUCTION PER TRUSS PLATE INSTITUTE'S PUBLICATION BWT-76, 'BRACING WOOD TRUSSES - COMMENTARY AND RECOMMENDATIONS'.
11. GALVANIZED OR COATED CONNECTORS SHALL BE USED FOR ALL OUTDOOR WOOD INSTALLATIONS.
12. ALL EXTERIOR EXPOSED WOOD AND SILL PLATES IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED PRESERVATIVE TREATED LUMBER AS PER ARCHITECTURAL SPECIFICATIONS.
13. MINIMUM NAIL CONNECTIONS FOR WOOD FRAMING MEMBERS SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE GIVEN IN APPENDIX M OF THE BOCA BASIC BUILDING CODE, LATEST EDITION.
14. BACKPANE AND PREPARE ALL EXPOSED WOOD FOR FINAL PAINT FINISH UNLESS NOTED OTHERWISE.
15. ALL MANUFACTURED LAMINATED WOOD BEAMS SUCH AS MICROLAM OR PARRALAM AS SHOWN ON THE DRAWINGS SHALL FOLLOW THE MANUFACTURER'S NAILING AND BOLTING PATTERNS FOR MULTIPLE MEMBERS.
16. WHEN USING TJS'S OR OTHER ENGINEERED JOIST PRODUCTS, CARPENTER CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH AND FAITHFULLY ABIDE BY ALL INSTALLATION, STORAGE AND HANDLING RECOMMENDATIONS AS SPECIFIED BY MANUFACTURER. SPECIAL ATTENTION MUST BE PAID TO AREAS INCLUDING, BUT NOT LIMITED TO, REQUIRED MINIMUM BEARING, SQUASH LOADING, RIM JOIST STRUCTURAL MEMBER BLOCKING, WEB STIFFENERS, ALLOWABLE HOLE OPENING SIZES, CANTILEVER REINFORCEMENT AND TEMPORARY STRUT LINES.

FINISH CARPENTRY NOTES

1. FURNISH AND INSTALL ALL FINISH CARPENTRY INCLUDING TRIM AND MOULDINGS, DOOR FRAMES, PANELING, AND WEATHERSTRIPPING.
 2. ALL JOINTS SHALL BE TIGHT AND TRUE AND SECURELY FASTENED. CORNERS SHALL BE NEATLY FRAMED, SCRIBED, AND COPED. ALL EXPOSED SURFACES SHALL BE FREE OF TOOL MARKS.
 3. ALL WORK SHALL BE ACCURATELY SCRIBED TO FIT ADJACENT SURFACES.
 4. INSTALL FINISH CARPENTRY WORK PLUM, LEVEL, TRUE, AND STRAIGHT WITH NO DISTORTIONS. SHIM AS REQUIRED USING CONCEALED SHIMS.
- BLOCKING
1. DRYWALL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS FOR BLOCKING AND BACKING AS INDICATED IN THE DRAWINGS. BLOCKING AND BACKING SHALL BE TREATED FOR FIRE RESISTANCE AS REQUIRED BY CODE. ANCHOR ALL BLOCKING AND BACKING RIGIDLY TO BUILDING STRUCTURE OR PARTITION FRAMING.
 2. PROVIDE BLOCKING AND BACKING FOR ITEMS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
"TOILET ACCESSORIES. INSTALL BLOCKING AS REQUIRED OR RECOMMENDED BY ACCESSORY MANUFACTURER.
"DOORWAYS - INSTALL 2x4 SUB BUCKS AND BLOCKING AT JAMB AND HEAD FOR ATTACHMENT OF DOOR FRAME BY OTHERS, NOT REQUIRED AT DOORS THAT ARE GROUDED IN MASONRY WALLS.
"CABINETS, COUNTERS, MILLWORK, CLOSET RODS, RAILINGS, AND COAT HOOKS. PROVIDE BLOCKING AND BACKING AS NOTED IN DRAWINGS. IF NOT SPECIFIED, PROVIDED 2x4 HORIZONTAL BLOCKING BETWEEN STUDS AT TOP AND BOTTOM OF WALL MOUNTED CABINETS AND COUNTERS.
"PLUMBING FIXTURES, ELECTRICAL EQUIPMENT. PROVIDE BLOCKING AS REQUIRED BY DRAWINGS. COORDINATE WITH OTHER TRADES FOR SIZE AND LOCATION.
"ACCESSIBILITY RAILINGS AS REQUIRED.

STAIR AND RAILINGS

1. VERIFY FLOOR-TO-FLOOR HEIGHTS IN FIELD. PRIOR TO FABRICATION, CHECK WORK IN PLACE AND ALL CLEARANCES FOR COMPLIANCE WITH CODE REQUIREMENTS.
2. ALL STAIRS SHALL HAVE RAILINGS, HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 36" BETWEEN THE WALL AND THE RAILING. HANDRAILS SHALL RETURN TO WALL OR TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS SHALL BE SECURELY ANCHORED TO STAIRS AND/OR ADJACENT WALLS.
3. THE MINIMUM HEADROOM IN ALL PARTS OF THE STAIRWAY SHALL NOT BE LESS THAN 6'-8" MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OR THE LANDING OR PLATFORM. IN THAT PORTION OF THE STAIRWAY CAPACITY AND RIGIDITY TO SUPPORT THE ASSEMBLY WITH A MAXIMUM DEFLECTION OF L/360 WHERE 'L' REPRESENTS THE LENGTH OF THE SPAN. DEFLECTION LIMIT INCLUDES LIVE LOADS AND DEAD LOADS SIMULTANEOUSLY IMPOSED.
4. PRIME ALL DRYWALL SURFACES UNLESS NOTED OTHERWISE.
5. GUARDRAILS SHALL BE NOT LESS THAN 36" HIGH MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE, ADJACENT FIXED SEATING, OR THE LINE CONNECTING THE LEADING EDGES OF THE TREADS.
7. REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT WHICH ALLOW PASSAGE OF A SPHERE 4" IN DIAMETER.
8. MAXIMUM RISER 7 3/4" AND MINIMUM TREAD 10"
9. VARIATION IN THE HEIGHT OF ADJACENT STAIR RISERS AND THE DEPTH OF ADJACENT STAIR TREADS SHALL NOT EXCEED 3/8". HEIGHT OF STAIR THE LARGEST AND SMALLEST STAIR RISER OR STAIR TREAD IN A SINGLE FLIGHT OF STAIRS SHALL NOT EXCEED 3/8".
10. PROVIDE TEMPORARY PROTECTION TO STAIRS UNTIL FINAL ACCEPTANCE.
11. NEW STAIR WORK SHALL FULLY COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS INCLUDING BUT NOT LIMITED TO LOAD CAPACITY, MATERIALS AND DIMENSIONS.
12. COORDINATE WITH ROUGH CARPENTRY WORK FOR BLOCKING, SUPPORTS, AND REINFORCING AS NEEDED TO ADEQUATELY SUPPORT STAIR WORK AND RAILINGS.
13. GLUE AND NAIL OR SCREW ALL NEW STAIR WORK. ATTACH STAIR WORK RIGIDLY TO BUILDING STRUCTURE.
14. THE UNDERSIDE OF ALL STAIRS SHALL BE COVERED WITH 5/8" GYPSUM DRYWALL. PROVIDE ADDITIONAL FRAMING/BLOCKING AS NEEDED.

DOORS AND WINDOWS

1. PROVIDE TEMPERED OR LAMINATED SAFETY GLASS AT ALL GLAZING IN DOORS OR WINDOWS ADJACENT TO DRIVE AND OTHER GLASS AREA EXCEEDS 9 SQUARE FEET, IN ACCORDANCE WITH LOCAL CODES. ALL SAFETY GLASS SHALL BE 1/4" THICK MINIMUM.
2. ALL GLAZING AT EXTERIOR OPENINGS SHALL BE INSULATED DOUBLE PANE UNITS FACTORY SEALED.
3. UNLESS NOTED OTHERWISE, ALL GLASS SHALL BE CLEAR.
4. GLAZING SHALL BE SEALED AT FRAMES WITH GASKETS, GLAZING COMPOUND, OR SEALANTS, AND SHALL BE WEATHER-TIGHT.
5. CLEAN ALL GLASS AND REMOVE ALL LABELS AND TAGS.
6. ALL MATERIALS USED FOR STOPS, FRAMES, AND GLAZING ANCHORS SHALL BE NON-CORROSIVE.
7. SUBMIT PRODUCT DATA, INCLUDING HALF-SIZE DETAILS OF EACH TYPICAL SECTION, SHOWING GLAZING DETAILS.
8. PROVIDE REMOVABLE INSECT SCREEN PANEL FOR EACH MOVABLE GLAZED SASH. COMPLY WITH REQUIREMENTS OF SMA 2005. SCREEN FRAME COLOR TO MATCH WINDOW.
9. COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION OF WINDOWS UNITS, HARDWARE, OPERATORS, ACCESSORIES, AND OTHER WINDOW COMPONENTS. SET UNITS PLUMB, LEVEL, TRUE TO LINE, WITHOUT WARP OR WRACK OF FRAMES OR SASH. PROVIDE PROPER SUPPORT AND ANCHOR SECURELY IN PLACE. SET SILL MEMBERS IN A BED OF COMPOUND OF JOINT FILLERS OR GASKETS TO PROVIDE WEATHER-TIGHT CONSTRUCTION. COORDINATE WINDOW INSTALLATION WITH WALL FLASHINGS AND OTHER BUILT-IN COMPONENTS.
10. ADJUST OPERATION SASH AND HARDWARE TO PROVIDE A TIGHT FIT AT CONTACT POINTS AND WEATHER-STRIPPING, AND TO PROVIDE SMOOTH OPERATION AND A WEATHER-TIGHT CLOSURE. LUBRICATE HARDWARE AND MOVING PARTS.
11. CLEAN SURFACES PROMPTLY AFTER INSTALLATION. AVOID DAMAGE TO PROTECTIVE COATINGS AND FINISHES.
12. REMOVE AND REPLACE GLASS THAT IS BROKEN, CHIPPED, CRACKED, ABRADED, OR DAMAGED IN OTHER WAYS DURING CONSTRUCTION PERIOD, INCLUDING NATURAL CAUSES, ACCIDENTS, AND VANDALISM. INSURE AND MAINTAIN PROTECTION AND OTHER PRECAUTIONS REQUIRED THROUGH REMAINDER OF CONSTRUCTION PERIOD TO ENSURE THAT EXCEPT FOR NORMAL WEATHERING, WINDOW UNITS WILL BE WITHOUT DAMAGE OR DETERIORATION AT THE TIME OF SUBSTANTIAL COMPLETION.
13. ALL WOOD WINDOWS SHALL BE FACTORY CLAD, FINISH COLOR AS SELECTED BY OWNER.
14. PROVIDE JAMB EXTENSIONS AS REQUIRED TO SUIT SPECIFIED WALL THICKNESS.
15. CONTRACTOR SHALL PROVIDE WINDOW SIZES, OPERABILITY, FINISH, SCREEN OPTIONS AND HARDWARE WITH OWNER AND ARCHITECT PRIOR TO ORDERING. CONTRACTOR MUST HAVE WRITTEN APPROVAL FROM ARCHITECT OR OWNER BEFORE ORDERING WINDOWS AND DOORS.

HARDWARE

1. PROVIDE THRESHOLDS FOR ALL EXTERIOR DOORS, NEOPRENE WEATHER-STRIPPING TYPICAL HEAD, JAMB, AND SILL.

2. PROVIDE HARDWARE COMPATIBLE WITH DOOR THICKNESS, WEIGHTS, AND MATERIALS.
3. ALL EXTERIOR DOORS SHALL HAVE PINNED SECURITY HINGES.
4. ALL DOORS SHALL HAVE LOCKS UNLESS NOTED OTHERWISE.
4. ALL DOORS TO HAVE 1-1/2 PAIR HINGES FOR SIZES UP TO 3x7'. LARGER SIZES SHALL HAVE 2 PAIR HINGES. ALL EXIT DOORS AND FIRE RATED DOORS SHALL HAVE BALL BEARING HINGES.
6. ALL DOUBLE DOORS TO HAVE TOP AND BOTTOM FLUSH BOLTS WITH DUSTPROOF STRIKES AT INACTIVE LEAF.
7. LATCH BOLTS SHALL HAVE 5/8" THROW AT ALL LATCHSETS AND LOCKSETS.
8. SUBMIT HARDWARE SCHEDULE FOR ALL COMPONENTS FOR ARCHITECT'S REVIEW.
9. PROVIDE WALL OR FLOOR BUMPERS FOR ALL DOORS. VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
10. ALL DOORS SHALL OPERATE IN THE DIRECTION OF EXIT TRAVEL WITHOUT THE USE OF KEYS.
11. ALL FIRE RATED DOORS TO HAVE SELF-CLOSING DEVICES.
12. ALL DOORS LEADING INTO HAZARDOUS AREAS SHALL HAVE KNURLED HARDWARE.

GENERAL FINISHES

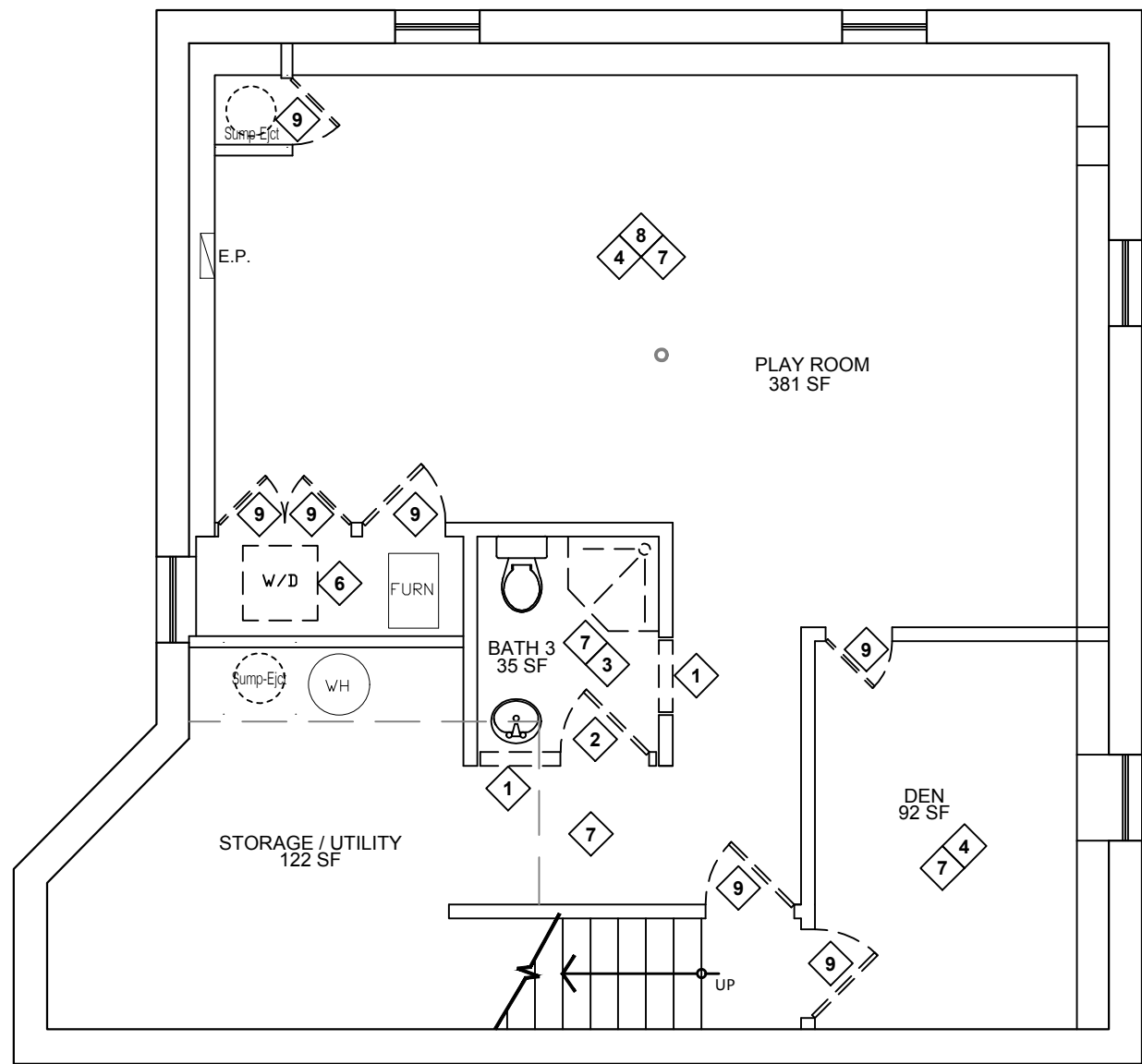
1. ALL FINISHES SHALL BE CLASS 1, 0.25 FLAME SPREAD RATING.
2. ALL DRYWALL SURFACES SHALL BE PAINTED EXCEPT WHERE CERAMIC TILE OR A WALL COVERING FABRIC IS SPECIFIED.
3. PROVIDE CORNER AND J-BEADS AT ALL TERMINATIONS AND CORNERS OF GYPSUM BOARD.
4. ALL CLOSET OR UTILITY SHELVEING TO BE MEDIUM DENSITY FIBERBOARD WITH FIBERFACE GRADE 1 WITH OIL BASE PAINT FINISH. PROVIDE WOOD CLOSET ROD WITH FINISHED METAL SOCKETS AND INTERMEDIATE SUPPORTS AS REQUIRED.
5. ALL DIMENSIONS ARE TO FACE OF FINISHED WALL, UNLESS NOTED OTHERWISE.
6. GENERAL CONTRACTOR IS TO COORDINATE STAIR CONSTRUCTION WITH FINAL FLOOR FINISH SELECTIONS TO OBTAIN PROPER HEIGHTS.
7. REVIEW LAYOUT OF STONE, TILE AND CERAMIC TILE WITH ARCHITECT PRIOR TO INSTALLATION. ALL GROUT LINES TO ALIGN VERTICALLY AND HORIZONTALLY AND AT ALL INTERSECTIONS AND CORNERS.
8. PROVIDE WATER RESISTANT GYPSUM BOARD AT BATHROOMS AND OTHER WET LOCATIONS. PROVIDE 1/2" CEMENTIOUS BACKER BOARD AT ALL TILE LOCATIONS UNLESS NOTED OTHERWISE. AT SHOWER PANS, NO SCREWS SHALL BE LOCATED IN THE BOTTOM 8" OF THE WALL.
9. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, ELECTRICAL LOCATIONS, PLUMBING, ETC. AND AS REQUIRED FOR PROPER INSTALLATION AND SUPPORT.
10. PROVIDE WOOD OR MARBLE THRESHOLDS AS REQUIRED OR AS NOTED AT ALL FLOOR MATERIAL TRANSITIONS.

DRYWALL

1. PROVIDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH ALL CODES AND GOVERNING ORDINANCES.
2. ALL DRYWALL SHALL BE MINIMUM 5/8" THICK, TYPE 'X' SCREWED AND GLUED WITH TAPERED EDGE UNLESS NOTED OTHERWISE.
3. METAL STUD FRAMING SHALL BE MINIMUM 25-GAUGE GALVANIZED OR PAINTED SHEET METAL SPACED MAXIMUM 24" ON CENTER UNLESS NOTED OTHERWISE.
4. COMPLY WITH THE RECOMMENDATIONS OF THE GYPSUM CONSTRUCTION HANDBOOK PUBLISHED BY USG CORP., LATEST EDITION FOR METHODS AND INSTALLATION OF METAL FRAMING AND GYPSUM DRYWALL SYSTEMS.
5. PROVIDE METAL CORNER REINFORCEMENT TRIM AT ALL OUTSIDE CORNER CONDITIONS. TRIM SHALL BE USG-DUR-A-BEAD OR EQUAL.
6. PROVIDE CONTINUOUS BEAD OF SOUND SEALANT AT TOP AND BOTTOM AF ALL SOUND RATED INSULATED PARTITIONS AND AT PARTITION PENETRATIONS INCLUDING ELECTRICAL OPENINGS.
7. PROVIDE BLOCKING AND BACKING FOR ITEMS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
"TOILET ACCESSORIES. INSTALL BLOCKING AS REQUIRED OR RECOMMENDED BY ACCESSORY MANUFACTURER.
"DOORWAYS - INSTALL 2x4 SUB BUCKS AND BLOCKING AT JAMB AND HEAD FOR ATTACHMENT OF DOOR FRAME BY OTHERS, NOT REQUIRED AT DOORS THAT ARE GROUDED IN MASONRY WALLS.
"CABINETS, COUNTERS, MILLWORK, CLOSET RODS, RAILINGS, AND COAT HOOKS. PROVIDE BLOCKING AND BACKING AS NOTED IN DRAWINGS. IF NOT SPECIFIED, PROVIDED 2x4 HORIZONTAL BLOCKING BETWEEN STUDS AT TOP AND BOTTOM OF WALL MOUNTED CABINETS AND COUNTERS.
"PLUMBING FIXTURES, ELECTRICAL EQUIPMENT. PROVIDE BLOCKING AS REQUIRED BY DRAWINGS. COORDINATE WITH OTHER TRADES FOR SIZE AND LOCATION.
"ACCESSIBILITY RAILINGS AS REQUIRED.

WOOD FLOORING

1. VERIFY EXISTING CONDITIONS IN FIELD. PROVIDE ALL NECESSARY SURFACE PREPARATION AS NEEDED FOR INSTALLATION OF NEW WORK.
2. PROVIDE EXPANSION SPACE AT WALLS AND OTHER OBSTRUCTIONS AND TERMINATIONS OF FLOORING OR NOT LESS THAN 3/4" UNLESS NOTED OTHERWISE.
3. WARRANTY PERIOD IS THREE (3) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
4. PROVIDE PROTECTIVE FILMS IN MATERIALS AND WORKMANSHIP AT ONCE WITHOUT COST TO OWNER. DEFECTS INCLUDE, BUT ARE NOT LIMITED TO:
"BUCKLING, WARPING, SQUEAKING, AND LOOSENING
"EXCESSIVE OPEN JOINTS FOR CRACKS.
"DETERIORATION OF FINISHES BEYOND NORMAL WEAR.
"PROTECTIVE FILMS AND GROOVED SOLID WOOD FLOORING STRIPS TO MATCH WOOD SAMPLE COLOR, TEXTURE, CUT, GRADE, AND TYPE. PROVIDE SAMPLE TO ARCHITECT AND/OR OWNER FOR APPROVAL.
6. ALL WOOD FLOORING INSTALLATION TO COMPLY WITH FLOORING MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS, BUT NOT LESS THAN THAT RECOMMENDED IN NFA 'HARDWOOD FLOORING INSTALLATION MATERIAL'.
7. FINISHED MATERIAL INCLUDES BUT IS NOT LIMITED TO:
"MACHINE SAND: REMOVE OFFSETS AND NON-LEVEL CONDITIONS.
"STAIN, PENETRATING TYPE TO MATCH ARCHITECT'S SAMPLE.
"WOOD FINISH: PENETRATING TYPE COMPATIBLE WITH STAIN OR FINISH.
"FLOOR FINISH: BUILD UP FILM THICKNESS OF AT LEAST 3.0 MILS. FINISH TO MATCH ARCHITECT'S SAMPLE.
8. ACCESSORY MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
"MOISTURE BARRIER: POLYETHYLENE SHEETING NOT LESS THAN 6 MILS THICK.
"FELT UNDERLAYMENT: TYPE 1, NO. 15 ASPHALT-SATURATED FELT.
"FINISH AND STAIN: PROVIDE PENETRATING STAIN AND FLOOR SEALER/FINISH SYSTEM THAT MATCHES EXISTING FLOOR FINISH.
9. INSPECT SUBFLOOR PRIOR TO BEGINNING OF THE WORK AND VERIFY EXISTING MOISTURE/HUMIDITY CONDITIONS. DO NOT BEGIN WORK UNTIL ALL CONDITIONS ARE ACCEPTABLE AND READY FOR THE NEW FLOOR SYSTEM.
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DEMO. BASEMENT PLAN
3/16" = 1'-0"

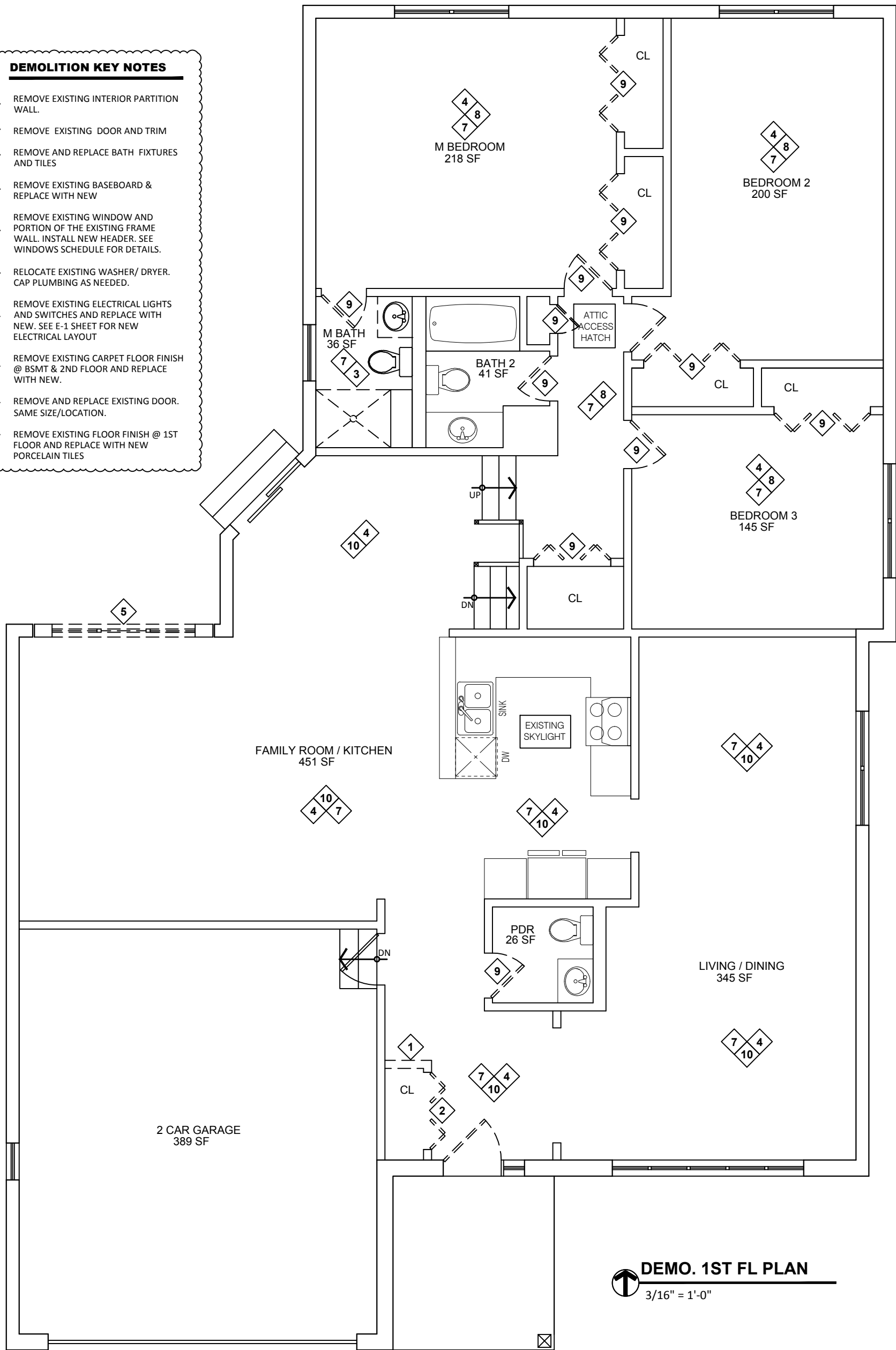
DEMOLITION GENERAL NOTES

- CONTRACTOR SHALL VISIT AND INSPECT THE SITE TO FAMILIARIZE ONESELF WITH THE JOB CONDITIONS PRIOR TO BIDDING AND WORK COMMENCEMENT. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING WORK THAT IS REQUIRED FOR THE PROJECT.
- CONTRACTOR IS TO THOROUGHLY EXAMINE ALL LOCATIONS WHERE NEW WORK IS TO BE INSTALLED AND WHERE ANY EXISTING CONSTRUCTION IS TO BE REMOVED OR MODIFIED.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURE CONDITIONS/DIMENSIONS AND REPORT ANY DISCREPANCIES, OMISSIONS, OR CONFLICTS TO THE ARCHITECT IMMEDIATELY IN WRITING BEFORE WORK COMMENCEMENT.
- SCOPE OF DEMOLITION WORK IS TO INCLUDE, BUT NOT BE LIMITED TO, ALL DEMOLITION, REMOVAL, DISCONNECTIONS, REROUTING AND STRUCTURAL BRACING, TEMPORARY SHORING & SUPPORTS AS REQUIRED.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIAL AND LABOR TO FULLY COMPLY WITH THE SCOPE OF WORK, WHETHER OR NOT SPECIFIED OR SHOWN IN THE PERMIT DOCUMENTS.
- CONTRACTOR SHALL NOTIFY ALL APPLICABLE ENGINEERING DEPARTMENTS AND UTILITIES A MINIMUM OF 72 HOURS IN ADVANCE OF ANY DEMOLITION WORK. CONTRACTOR SHALL FOLLOW ALL NECESSARY PRECAUTIONS TO PROTECT AND MAINTAIN EXISTING UTILITIES.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES THE SHUTTING OFF OF UTILITIES PRIOR TO DEMOLITION. CONTRACTOR SHALL CLEARLY IDENTIFY ALL UTILITIES THAT ARE SHUT OFF OR CAPPED.
- CAP OFF ALL PLUMBING LINES TO FIXTURES BEING REMOVED.
- CONTRACTOR TO STRICTLY ADHERE TO THE VILLAGE OF GLENDALE HEIGHTS BUILDING CODE, ALL OTHER GOVERNING CODES, AND OSHA REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE EXECUTION OF ALL WORK.
- CONTRACTOR SHALL INFILL OPENINGS CREATED BY THE REMOVAL OF PIPES, CONDUITS, DUCTWORK, ETC. WITH MATERIALS TO MATCH EXISTING CONSTRUCTION AND TO MAINTAIN REQUIRED FIRE RATINGS.
- CONTRACTOR SHALL REMOVE ALL RUBBISH, DEBRIS, ETC. CAUSED BY THIS WORK AS SOON AS IT ACCUMULATES. CONTRACTOR SHALL PROVIDE ON-SITE DUMPSTER.
- CONTRACTOR SHALL VERIFY AND COORDINATE PLACEMENT OF DUMPSTERS WITH OWNER AND IN ACCORDANCE WITH REQUIREMENTS OF THE VILLAGE OF GLENDALE HEIGHTS.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER ANY ITEMS OR EQUIPMENT TO BE SALVAGED PRIOR TO DEMOLITION.
- CONTRACTOR MUST COMPLY WITH THE INSURANCE/HOLD HARMLESS REQUIREMENTS PRIOR TO THE START OF ANY WORK.
- NO WORK SHALL BEGIN UNTIL THE ARCHITECT IS HELD HARMLESS FOR ALL WORK SHOWN AND ANY PROBLEMS THAT ARISE BEFORE, DURING, AND/OR AFTER CONSTRUCTION.
- REFER TO SHEET G-1 FOR ADDITIONAL NOTES.

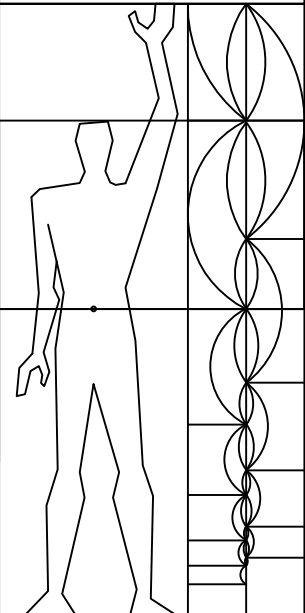
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3.9.23

DEMOLITION KEY NOTES

- REMOVE EXISTING INTERIOR PARTITION WALL.
- REMOVE EXISTING DOOR AND TRIM
- REMOVE AND REPLACE BATH FIXTURES AND TILES
- REMOVE EXISTING BASEBOARD & REPLACE WITH NEW
- REMOVE EXISTING WINDOW AND PORTION OF THE EXISTING FRAME WALL. INSTALL NEW HEADER. SEE WINDOWS SCHEDULE FOR DETAILS.
- RELOCATE EXISTING WASHER/ DRYER. CAP PLUMBING AS NEEDED.
- REMOVE EXISTING ELECTRICAL LIGHTS AND SWITCHES AND REPLACE WITH NEW. SEE E-1 SHEET FOR NEW ELECTRICAL LAYOUT
- REMOVE EXISTING CARPET FLOOR FINISH @ BSMT & 2ND FLOOR AND REPLACE WITH NEW.
- REMOVE AND REPLACE EXISTING DOOR. SAME SIZE/LOCATION.
- REMOVE EXISTING FLOOR FINISH @ 1ST FLOOR AND REPLACE WITH NEW PORCELAIN TILES



DEMO. 1ST FL PLAN
3/16" = 1'-0"



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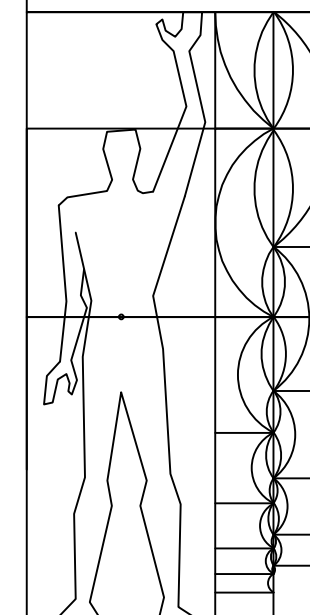
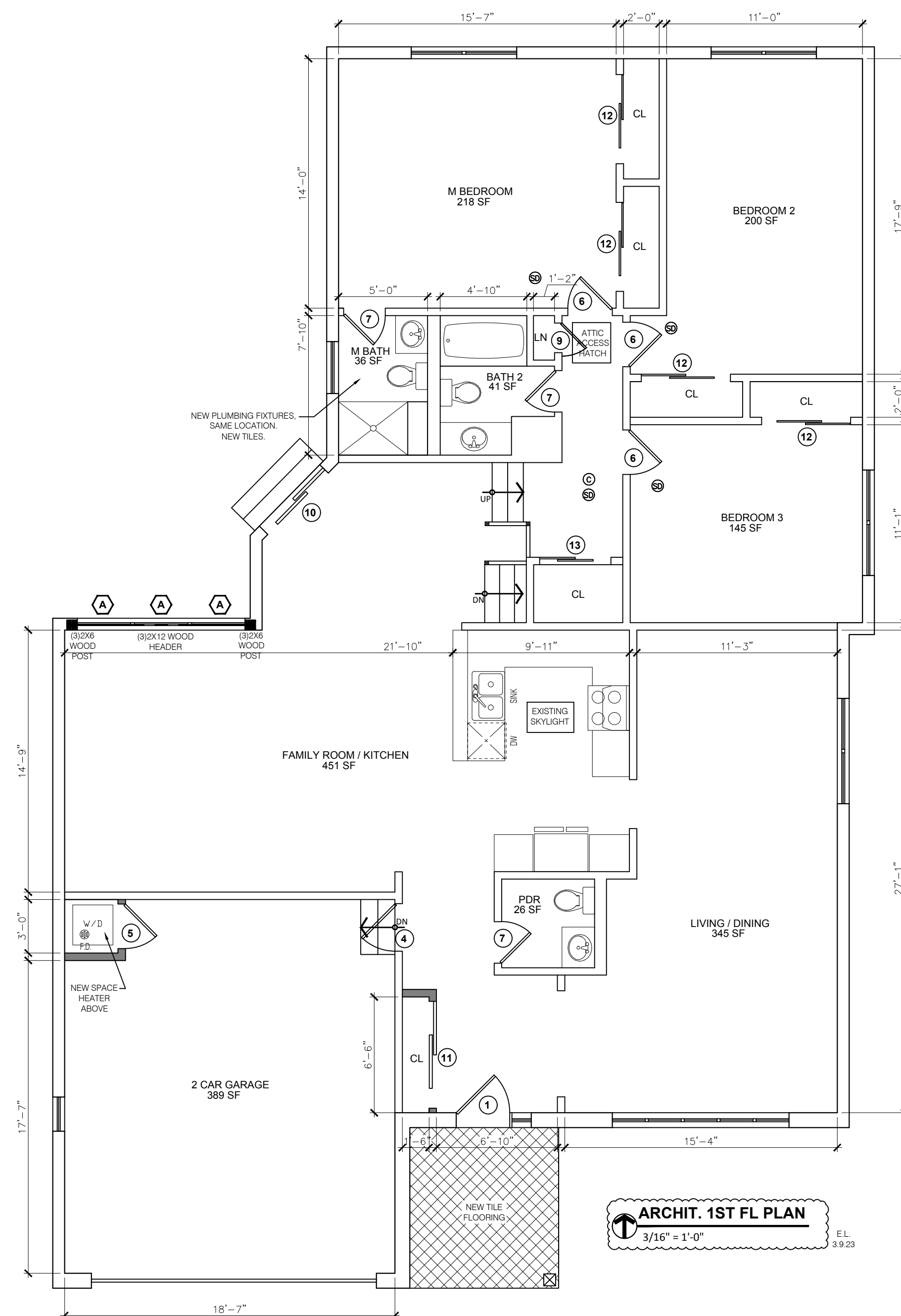
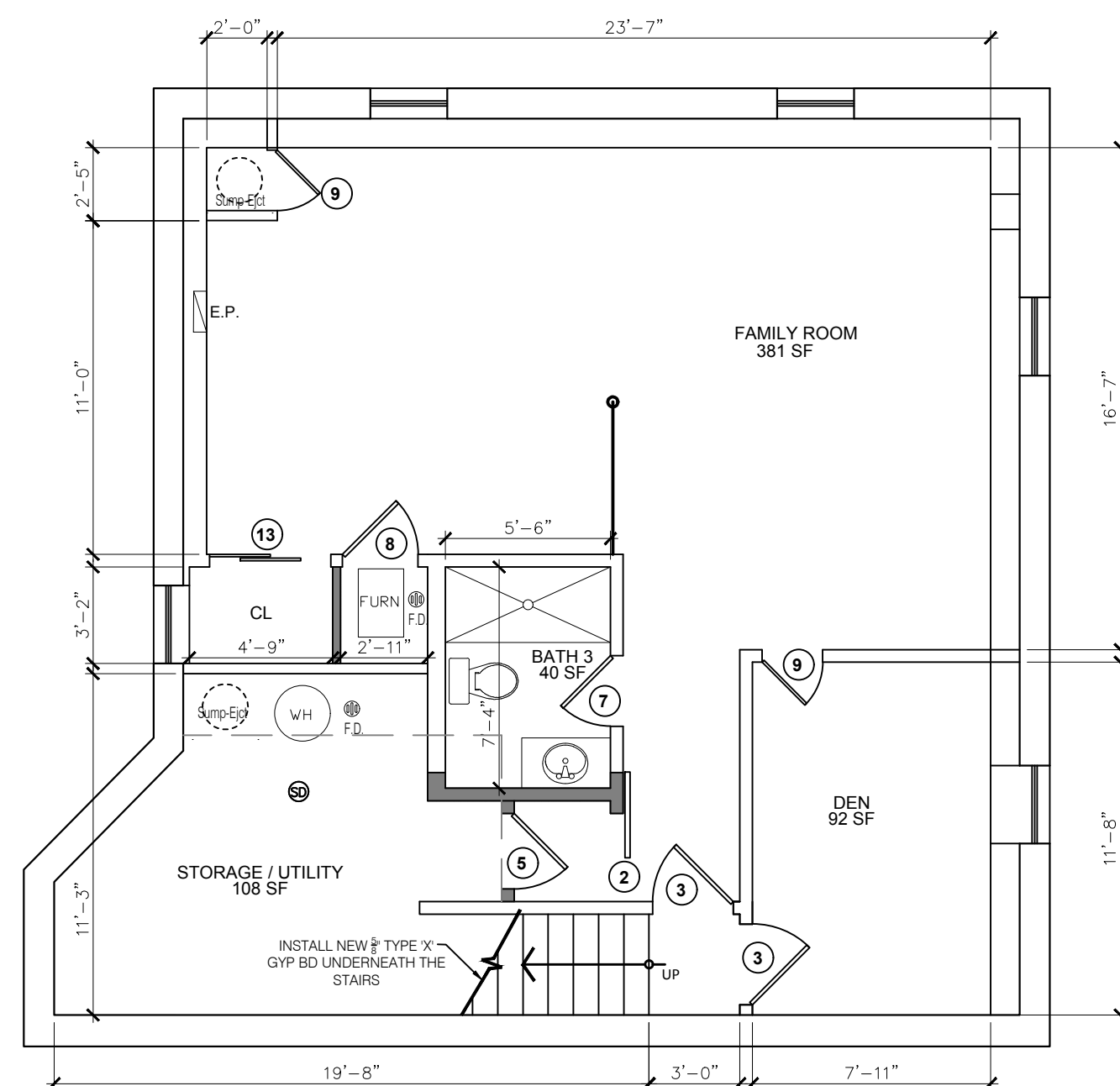
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GLENDALE HEIGHTS, IL 60139

DEMOLITION
FLOOR PLANS

D-1



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ARCHITECTURAL FLOOR PLANS

FLOOR PLANS

A-1

ARCHITECTURAL NOTES

1. ALL GLAZED DOORS AND ANY GLAZED PANEL MORE THAN 18 INCHES IN WIDTH ADJACENT TO ANY DOOR WHEREIN THE SILL IS LESS THAN 24 INCHES ABOUT THE FLOOR SHALL BE TEMPERED.
2. ALL INTERIOR WALL AND CEILING FINISHES TO BE CLASS 1 WITH A FLAME SPREAD RATING OF 0-25. ALL INTERIOR FLOOR COVERINGS TO BE CLASS 'A'.
3. ROOF COVERING TO BE CLASSIFIED AS CLASS A OR B.
4. ALL FIREPLACES TO BE UL LISTED WITH NON-COMBUSTIBLE HEARTH (GRANITE).
5. ALL DIMENSIONS SHOWN TO FINISHED SURFACES UNLESS OTHERWISE NOTED.
6. ALL NEW INTERIOR PARTITIONS ARE TYPE 1 (5" NOMINAL) UNLESS NOTED OTHERWISE.
7. ALL NEW INTERIOR DOORS TO BE LOCATED 4" FROM INSIDE WALL CORNER OR CENTERED ON WALL, UNLESS NOTED OTHERWISE.
8. INSULATE ALL EXTERIOR WALL PLUMBING & ALL PLUMBING LOCATED IN FLOORS/CEILINGS ADJACENT TO UNCONDITIONED OR EXTERIOR SPACES.
9. ALL SMOKE DETECTORS TO BE HARDWIRED.
10. SEE SHEET A-2 FOR WINDOW SCHEDULE.
11. REFER TO MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
12. ALL STAIR HAND RAILS TO BE 3'-0" TO 3'-2" A.F.F. AND RETURN TO WALL.
13. ALL GUARD RAILS TO BE A MINIMUM OF 3'-6" A.F.F.
14. FIRE PROTECT ALL BEAMS WITH A BOX SHAPED PROTECTION ENCLOSURE (1 HR, UL LISTED), TYP.
15. REFER TO THE FIRE RESISTANCE DIRECTORY OF THE UNDERWRITERS LABORATORIES, INC. FOR SPECIFIC ASSEMBLY REQUIREMENTS RELATED TO UL LISTED FIRE RATINGS.
16. REFER TO SHEET G-1 FOR ADDITIONAL NOTES.
17. A COPY OF THE SOILS REPORT SHALL BE ON THE JOBSITE AT THE TIME OF FOOTING INSPECTION. (SECTION R401.4)
18. A SPOT SURVEY IS REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY PRIOR TO ANY FRAMING TAKING PLACE ON THE PROPERTY.
19. APPROVED PLANS SHALL BE ON SITE FOR ALL INSPECTIONS. (SECTION R106.1.1)
20. CUTS, NOTCHES AND HOLES BORED IN TRUSSES, LAMINATED VENEER LUMBER, GLUE-LAMINATED MEMBERS OR I-JOISTS ARE NOT PERMITTED UNLESS THE EFFECTS OF SUCH ARE SPECIFICALLY ADDRESSED. (SECTION: R502.8.2)
21. EXTERIOR OR LOAD BEARING WALLS WITH PLATES CUT, DRILLED OR NOTCHED MORE THAN 50% OF THE WIDTH OF THE STUD SHALL HAVE A GALVANIZED METAL TIE 16 GAGE AND 1½ INCHES (1½") WIDE FASTENED TO EACH PLATE. (SECTION: R602.6.1)
22. EXTERIOR OR LOAD BEARING WALLS WITH STUDS DRILLED WITHIN 5/8" OF THE FACE OF THE STUD SHALL BE REINFORCED WITH A STRUCTURAL STUD SHOE. (SECTION R602.6)
23. ANY WALL WHICH CONTAINS ANY PLUMBING LINES 1-1/2" IN DIAMETER OR GREATER SHALL BE IN A MINIMUM 2X6" WALL. (SEC. 171.350(A))
24. THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT AIR INFILTRATION IN ACCORDANCE WITH SECTION 402.4.1. A 3RD PARTY TEST IS REQUIRED AT THE CONTRACTOR'S EXPENSE. A COPY OF THE TEST REPORT SHALL BE GIVEN TO THE CITY PRIOR TO THE FINAL INSPECTION.
25. ALL EQUIPMENT AND APPLIANCES, INCLUDING THE AIR CONDITIONER, WATER HEATER AND FURNACE, SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTINGS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. A COPY OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE PROVIDED ON SITE AT THE TIME OF INSPECTION.

CONSTRUCTION HOURS/ SITE PROTECTION

THE ERECTION, DEMOLITION, ALTERATION, OR REPAIR OF ANY BUILDING OR SITE WORK IS PROHIBITED BETWEEN THE HOURS OF 6:00 p.m. AND 7:00 a.m. AND SUNDAYS AND HOLIDAYS EXCEPT IN CASE OF AN EMERGENCY IN THE INTEREST OF PUBLIC HEALTH AND SAFETY, AND THEN ONLY WITH WRITTEN PERMISSION FROM THE VILLAGE MANAGER OR DESIGNEE. SUCH PERMISSION MAY BE GRANTED FOR A PERIOD NOT TO EXCEED 3 DAYS WHILE THE EMERGENCY CONTINUES AND MAY BE EXTENDED FOR AN ADDITIONAL 3 DAYS IF THE EMERGENCY CONTINUES. A SIX (6) FOOT CHAIN LINK FENCE SHALL BE INSTALLED AROUND EXCAVATION.

INTERNATIONAL ENERGY CONSERVATION CODE 2018
EQUIVALENT U- FACTORS

ZONE 5	FENESTRATION	SKYLIGHT	CEILING	FRAME WALL	MASS WALL	FLOOR	BSMT WALL	CRAWL SPACE WALL
U- FACTOR	0.30	0.55	0.026	0.060	0.082	0.033	0.050	0.055

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENESTRATION	CEILING R-VALUE	FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BSMT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL
ZONE 5	0.30	0.55	NR	49	20 or 13+5	13 or 17	30	15/19	10, 2 FT	15/19

DOOR SCHEDULE						SYMBOL: ○
MARK	WIDTH	HEIGHT	DOOR	FRAME	NOTE	
1	3'-0"	6'-8"	SC/WD	WD	MAIN ACCESS DOOR, 45 MIN. FIRE RATED , 1 ¾" SOLID CORE W/ CLOSER & WEATHER STRIP	
2	2'-10"	6'-8"	HC/WD	WD	BSMT, BARN DOOR	
3	2'-8"	6'-8"	HC/WD	WD	BSMT / DEN	
4	2'-8"	6'-8"	SC/WD	WD	GARAGE ACCESS DOOR, 1HR. FIRE RATED , 1 ¾" SOLID CORE W/ CLOSER	
5	2'-6"	6'-8"	HC/WD	WD	UTILITY, W/D - LOUVERED	
6	2'-6"	6'-8"	HC/WD	WD	BEDROOMS, W/ PRIVACY HARDWARE	
7	2'-4"	6'-8"	HC/WD	WD	BATH	
8	2'-6"	6'-8"	HC/WD	WD	FURNACE - LOUVERED	
9	2'-0"	6'-8"	HC/WD	WD	DEN, SUMP PUMP, LN	
10	5'-0"	6'-8"	GLASS	WD	REAR DECK PATIO SLIDING DOOR W/ CLOSER, TEMPERED SAFETY GLASS - 45 MIN FIRE RATED	
11	6'-0"	6'-8"	HC/WD	WD	CL - SLIDING	
12	5'-0"	6'-8"	HC/WD	WD	CL - SLIDING	
13	4'-0"	6'-8"	HC/WD	WD	CL - SLIDING	

NOTES:

1. ALL DOORS ARE NEW UNLESS NOTED OTHERWISE.
2. SEE PLANS FOR MARK, LOCATIONS AND SWINGS AS SHOWN.
3. ALL INTERIOR DOORS TO BE 6'-8" UNLESS NOTED OTHERWISE, VERIFY ALL SIZES IN FIELD.
4. ALL DOOR FRAMES TO BE FIRE LISTED TO MATCH FIRE RATING OF DOORS.
5. CONTRACTOR TO VERIFY ALL ROUGH OPENINGS DIMENSIONS, WITH DOOR AND WINDOW MANUFACTURERS PRIOR TO INSTALLATION.
6. FINAL DOOR DESIGN, COLOR AND HARDWARE TO BE SELECTED BY OWNER.

WALL LEGEND	
TYPE	NOTE
	EXISTING EXTERIOR WALL TO REMAIN
	NEW INTERIOR PARTITION: 1/2" GYP BD EACH SIDE OF 2x4'S @ 16"O.C.

WINDOW SCHEDULE						SYMBOL: ◡
			ROUGH WINDOW OPENING			
MARK	WINDOW #	WIDTH	HEIGHT	GLASS SQ. FT.	VENT SQ. FT.	NOTE
A	NEW	3'-0"	5'-0"	13.06	6.53	DOUBLE-HUNG

ENERGY CONSERVATION NOTES:

1. ANY NONCONDITIONED SPACE THAT IS ALTERED TO BECOME CONDITIONED SPACE IS REQUIRED TO BE BROUGHT INTO FULL COMPLIANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE.
2. WHEN EXISTING CEILING, WALL, OR FLOOR CAVITIES ARE EXPOSED DURING CONSTRUCTION, THE LEVEL OF THERMAL INSULATION PRESCRIBED BY TABLE R402.1.1 OF THE IECC IS NOT REQUIRED, PROVIDED THAT THE ENERGY USE OF THE BUILDING IS NOT INCREASED AND THAT THE CAVITIES ARE FILLED WITH INSULATION.
3. WINDOWS, SKYLIGHTS AND SLIDING GLASS DOORS SHALL HAVE AN AIR INFILTRATION RATE OF NO MORE THAN 0.3 CFM PER SQUARE FOOT (1.5 L/S/M²), AND SWINGING DOORS NO MORE THAN 0.5 CFM PER SQUARE FOOT (2.6 L/S/M²), WHEN TESTED ACCORDING TO NFRC 400 OR AAMA/WDMA/CSA 101/I.S.2/A440 BY AN ACCREDITED, INDEPENDENT LABORATORY AND LISTED AND LABELED BY THE MANUFACTURER.

4. ALL JOINTS, PENETRATIONS, DOORS, AND WINDOWS SHALL BE ARE CAULKED, GASKETED WEATHERSTRIPPED, OR OTHERWISE SEALED.

5. FOR ADDITIONS AND REMODELING, INSULATE ALL NEW DOMESTIC HOT WATER PIPING, R-3 MINIMUM, FOR THE FOLLOWING CONDITIONS:
- A. PIPING LARGER THAN ¾ INCH NOMINAL DIAMETER.
- B. PIPING SERVING MORE THAN ONE DWELLING UNIT.
- C. PIPING FROM THE WATER HEATER TO KITCHEN OUTLETS.
- D. PIPING LOCATED OUTSIDE THE CONDITIONED SPACE.
- E. PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
- F. PIPING LOCATED UNDER A FLOOR SLAB.
- G. BURIED PIPING.
- H. SUPPLY AND RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS.
- I. PIPING WITH RUN LENGTHS GREATER THAN THE MAXIMUM RUN LENGTHS FOR THE NOMINAL PIPE DIAMETER GIVEN IN TABLE R403.4.2.
- | | |
|---|----------------------------|
| NOMINAL PIPE DIAMETER | |
| MAXIMUM RUN LENGTH OF LARGEST DIAMETER PIPE | (FEET) IN THE RUN (INCHES) |
| 3/8 | 30 |
| 1/2 | 20 |
| 3/4 | 10 |
| LARGER THAN 3/4 | 5 |

6. BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS R402.4.1 THROUGH R402.4.4.

7. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

WOOD TYPE

SOUTHERN YELLOW PINE, PRESSURE TREATED USING ACQ-C, ACQ-D, CBA-A OR CA-B PRESERVATIVES. GRADE NO-1 OR BETTER SHALL BE USED FOR COLUMNS AND GRADE NO-2 OR BETTER SHALL BE USED FOR ALL OTHER WOOD MEMBERS

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL ROUGH OPENING DIMENSIONS, WITH DOOR AND WINDOW MANUFACTURERS PRIOR TO INSTALLATION.
2. FINAL DOOR AND WINDOW DESIGN, COLOR, AND HARDWARE TO BE SELECTED BY OWNER.

WINDOW NOTES:

1. NEW WINDOWS SYSTEMS TO BE MIN. 24" A.F.F.; TEMPERED GLASS REQUIRED WHEN WINDOW IS BELOW 24" A.F.F.
2. WINDOWS TO BE ANDERSEN OR SIMILAR.
3. SAFETY GLAZING TO BE PROVIDED AT ALL STAIR-LANDING WINDOWS WITHIN 60" OF STAIRS WHEN THE BOTTOM EDGE OF THE WINDOW IS LESS THAN 60" ABOVE THE WALKING SURFACE.
4. EACH BEDROOM TO HAVE 1 EGRESS WINDOW. THE WINDOW IS TO COMPLY W/ THE GUIDELINES SET UP IN SECTIONS R310.1.1- R310.1.4 OF THE IRC.
5. WINDOW MANUFACTURER SHALL VERIFY WINDOW SCHEDULE WITH STANDARD SIZES U.N.O.
6. GENERAL CONTRACTOR AND WINDOW MANUFACTURES SHALL FIELD VERIFY ALL MASONRY AND ROUGH OPENINGS IN FIELD FOR ALL WINDOWS PRIOR TO ORDERING OF WINDOWS.
7. SAFETY GLAZING REQUIRED WITHIN 5 FT OF TUB/ SHOWERS ANY DIRECTION.

GENERAL NOTCHING AND BORING NOTES

1. NOTCHES IN SOLID LUMBER JOIST, RAFTERS, AND BEAMS, SHALL NOT EXCEED ONE-SIXTH OF THE DEPTH OF THE MEMBER, SHALL NOT BE LONGER THAN ONE-THIRD OF THE DEPTH OF THE MEMBER, AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN. NOTCHES AT THE ENDS OF MEMBERS SHALL NOT EXCEED ONE-FOURTH OF THE DEPTH OF THE MEMBER. THE TENSION SIDE OF MEMBERS 4 INCHES OR GREATER IN NOMINAL THICKNESS SHALL NOT BE NOTCHED EXCEPT AT THE ENDS OF THE MEMBERS.

4. WHERE POSTS AND BEAM OR GIRDER CONSTRUCTION IS USED TO SUPPORT FLOOR FRAMING, POSITIVE CONNECTIONS SHALL BE PROVIDED TO ENSURE AGAINST UPLIFT AND LATERAL DISPLACEMENT.

5. THE DIAMETER OF HOLES DRILLED INTO WOOD FLOOR JOISTS, RAFTERS, AND BEAMS SHALL NOT EXCEED ONE-THIRD OF THE DEPTH OF THE MEMBER. HOLES SHALL NOT BE LOCATED CLOSER THAN 2 INCHES TO THE TOP OR BOTTOM OF THE MEMBER, OR TO ANY OTHER HOLE IN THE MEMBER. WHERE THE MEMBER IS ALSO NOTCHED, THE HOLE SHALL NOT BE CLOSER THAN 2 INCHES TO THE NOTCH.

6. ANY STUD IN AN EXTERIOR WALL AND BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25% OF THE WIDTH OF THE STUD. ANY STUD MAY BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLE IS NO MORE THAN 40% OF THE WIDTH OF THE STUD AND THE EDGE OF THE HOLE IS NO CLOSER THAN 5/8" TO THE EDGE OF THE STUD. A STUD MAY BE BORED TO A DIAMETER OF 60% OF THE STUD WIDTH, PROVIDED THAT SUCH STUDS ARE DOUBLED AND NO MORE THAN 2 SUCCESSIVE STUDS ARE BORED

SMOKE ALARMS

ALL SMOKE ALARMS SHALL BE LISTED AND LABELED IN ACCORDANCE W/ UL 217. THE HOUSEHOLD WARNING EQUIPMENT SHALL FOLLOW NFPA 72.

SMOKE ALARMS SHALL BE INSTALLED IN FOLLOWING LOCATIONS:

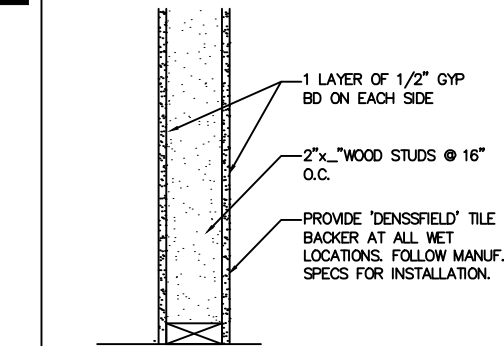
1. EACH SLEEPING ROOM
2. OUTSIDE EACH SEPARATE SLEEPING AREA IN IMMEDIATE VICINITY OF EACH BEDROOMS.
3. ON EACH ADDITIONAL STORY, INCLUDING BASEMENT AND HABITABLE ATTICS , BUT NOT INCLUDING CRAWL SPACE OR UNINHABITABLE ATTICS.

POWER SOURCE: WIRING AND BACKUP BATTERY

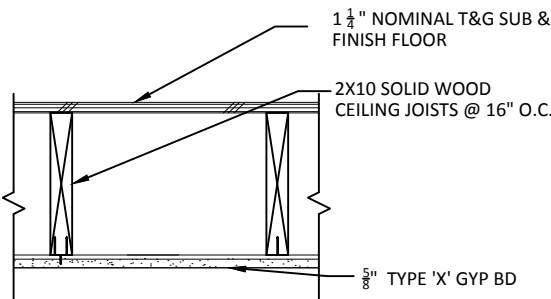
INTERCONNECTION:
ALL SMOKE ALARMS TO BE INTERCONNECTED.

CARBON DETECTORS TO BE INSTALLED IN 10'-0" OF ANY BEDROOM.

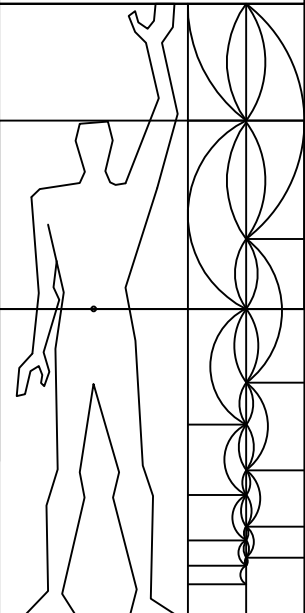
SYMBOL LEGEND	
⬡	WINDOW TAG
⬢1	DOOR TAG
⬢SD	SMOKE DETECTOR
⬢C	CARBON DETECTOR



1	INTERIOR PARTITION	
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2	CEILING FINISH	
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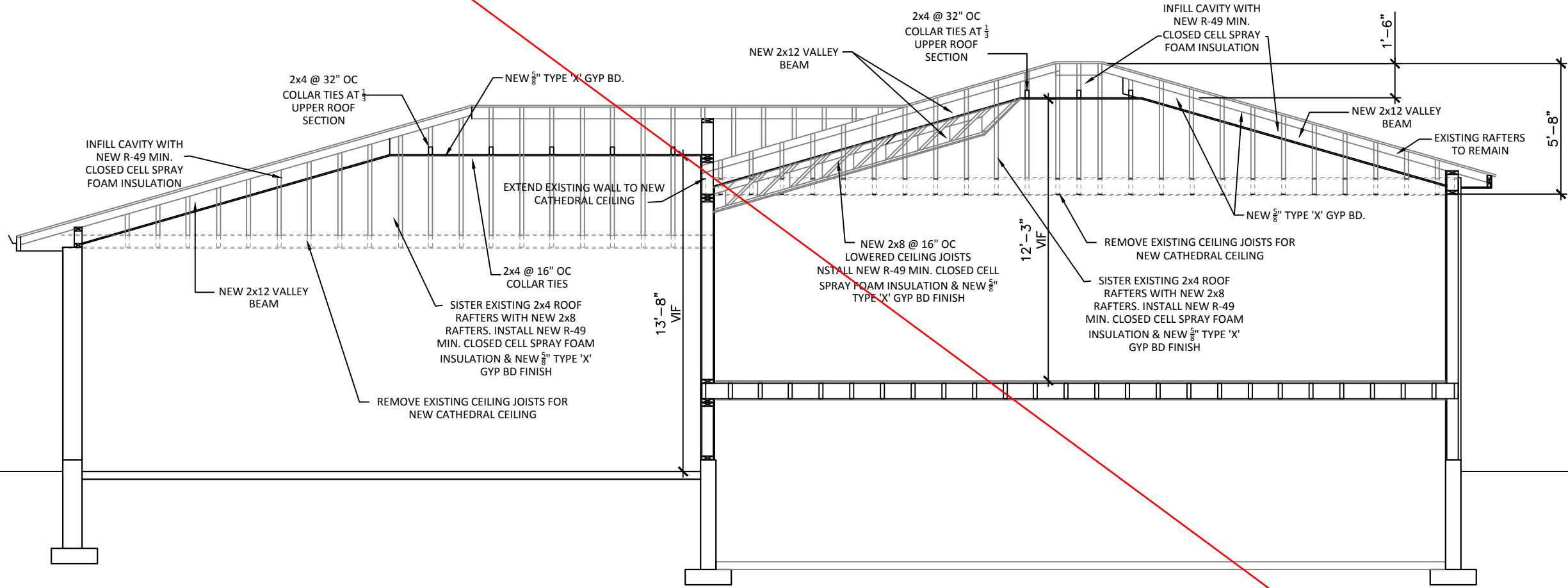
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ARCHITECTURAL
SCHEDULES,
ELEVATIONS &
NOTES

A-2

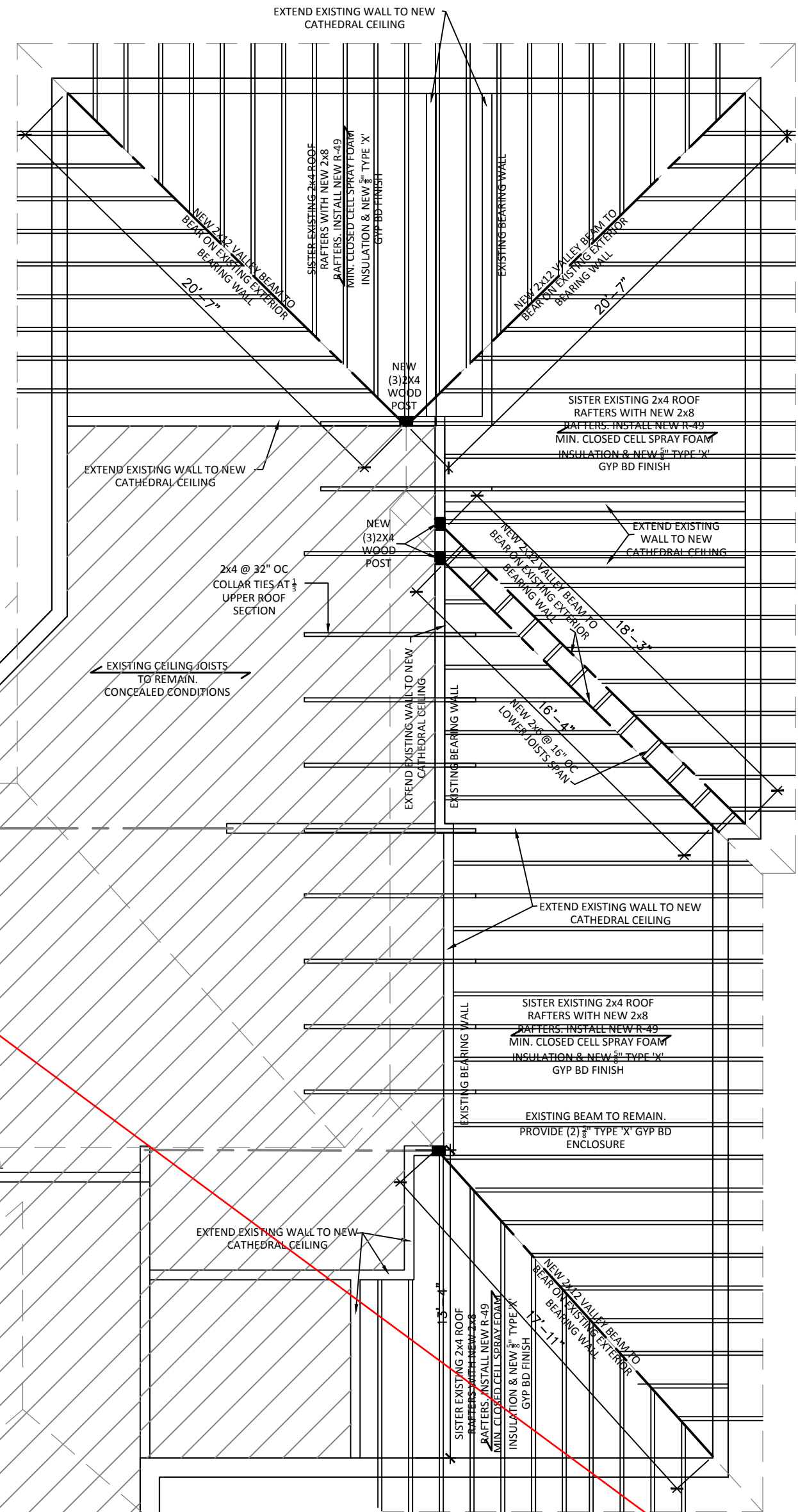
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BUILDING SECTION

3/16" = 1'-0"

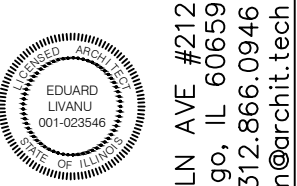
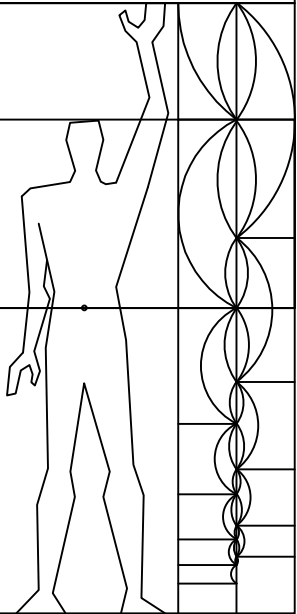
E.L.
11.21.22



ARCHIT. ATTIC PLAN

3/16" = 1'-0"

E.L.
11.21.22



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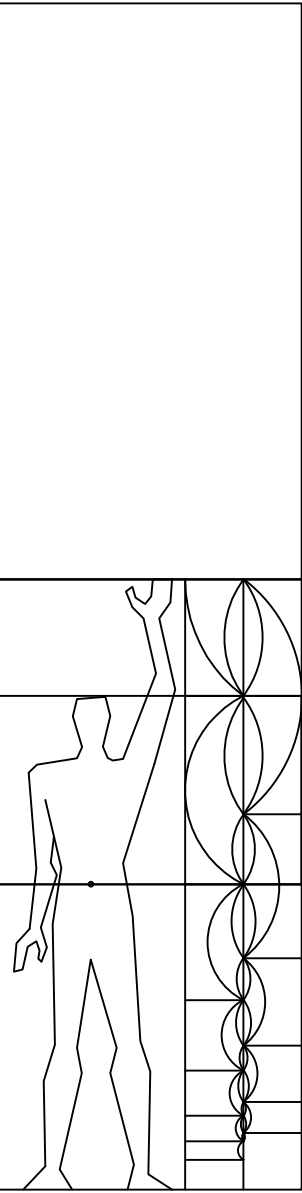
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**ARCHITECTURAL
ATTIC &
BLDG. SECTION**

A-3



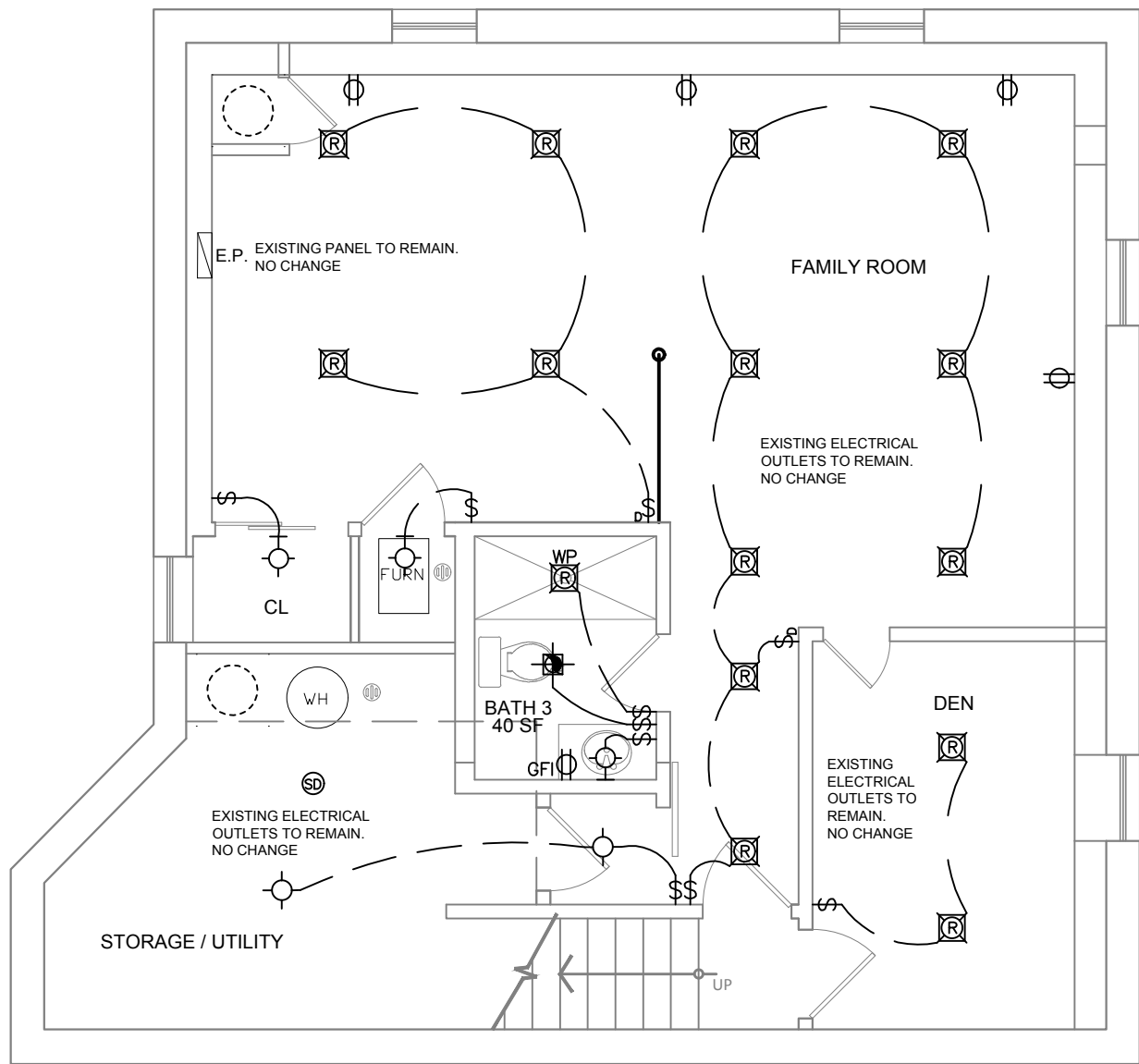
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ELECTRICAL
FLOOR PLANS

E-1



ELECTRICAL BSMT. PLAN
3/16" = 1'-0"

- GENERAL ELECTRICAL NOTES**
1. EXISTING SERVICE TO BE UTILIZED IF POSSIBLE, NEW ELECTRIC LOAD DEMAND AS SHOWN ON DRAWINGS. EXISTING ELECTRICAL PANELS TO BE INSPECTED. NEW ELECTRIC SERVICE TO BUILDING PROVIDED IF NECESSARY WITH ALL NECESSARY PANELS ETC. TO ELECTRIC ROOM INDICATED ON PLANS. CONTRACTOR TO COORDINATE WITH COM-ED.
 2. ELECTRICAL CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS.
 3. ELECTRICAL CONTRACTOR SHALL FOLLOW LATEST EDITION OF THE VILLAGE OF GLENDALE HEIGHTS ELECTRICAL CODE.
 4. CONTRACTOR SHALL CALL FOR ALL ROUGH-IN AND FINAL INSPECTIONS REQUIRED.
 5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (FOR ALL WORK DESIGNATED AS HIS RESPONSIBILITY) ALL WIRE, WIREWAY, CONDUIT, CONNECTORS, OUTLETS, ETC., NECESSARY TO ACHIEVE A COMPLETE ELECTRICAL INSTALLATION. WHERE AN ELECTRICAL DEVICE AND/OR DISCONNECT SWITCH IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS THOUGH FULLY SHOWN AND SPECIFIED.
 6. CONDUITS FOR CABLE TV TO BE PROVIDED. ALL CONDUITS TO THE OUTSIDE COMMUNICATION AND TV PANELS TO BE RUN CONCEALED. LOCATE PANEL AT SAME AREA AS ELECTRIC PANEL.
 7. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL NECESSARY WIRING FOR TELEPHONE INSTALLATION AND CONNECTION. BRING ALL TELEPHONE LINES TO LOCATION OF PANEL ESTABLISHED BY THE PHONE COMPANY AND PERMANENTLY LABELED WITH APPROPRIATE DESIGNATIONS. LOCATE PANEL AT SAME AREA AS THE ELECTRIC PANEL.
 8. CONDUIT INSTALLED ON OR BELOW GRADE, ON THE EXTERIOR OF THE BUILDING OR EXPOSED TO THE WEATHER SHALL BE RIGID GALVANIZED OR INTERMEDIATE METAL CONDUIT.
 9. ALL CIRCUITS FROM THE SUB PANELS TO BE PULLED IN 1/2" CONDUIT MINIMUM WITH # 14 AND #12 WIRE.
 10. ALL 120 VOLT RECEPTACLES TO BE IN BONDED RACEWAY. 120 VOLT RECEPTACLES WITHIN SIX FEET OF SINKS OR WET AREAS TO BE GROUND FAULT CIRCUIT INTERRUPTION PROTECTED (GFI).
 11. PROVIDE DOOR ENTRY SYSTEM FOR BUILDING.
 12. PROVIDE AND INSTALL ALL ELECTRICAL HOOK-UPS NECESSARY FOR HVAC CONTRACTOR. HVAC FEEDERS AND DISCONNECT SWITCH SIZES SHOULD BE REFERRED TO MANUFACTURERS SPECIFIED EQUIPMENT REQUIREMENTS. REFER TO THE HVAC DRAWINGS AND PUBLISHED INFORMATION OF THE MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE EXACT REQUIREMENTS.
 13. ALL SMOKE, HEAT AND CARBON MONOXIDE DETECTORS TO BE HARD WIRED TO 110 V ELECTRICAL SYSTEM.
 14. CONTRACTOR TO PROVIDE AND INSTALL LIGHT BULBS FOR ALL LIGHT FIXTURES.

ELECTRICAL NOTES

WALL MOUNTED LIGHT FIXTURE W/COMPLETELY ENCLOSED LAMP IN CLOSETS, TYP.

ALL 120V 15 AND 20 AMP BRANCH CIRCUITS TO HAVE ARC-FAULT PROTECTION EXCEPT BATHROOMS AND UNFINISHED BASEMENT.

RECESSED LIGHTS SHALL BE [C] RATED AND IN AREAS WHERE SEPARATED BETWEEN CONDITIONED AND UNCONDITIONED SPACES SHALL BE SEALED ON THE INTERIOR SIDE OF THE HOUSING. IECC R-402.4.4

EXTERIOR LIGHT FIXTURES TO BE APPROVED FOR WET/DAMP CONDITIONS AS REQUIRED BY SECTION 410-4 OF THE IEC.

ALL CIRCUITS EXCEPT KITCHEN COUNTERTOP, BATHROOM AND OUTDOORS SHALL BE **COMBINATION** ARC FAULT.

ALL RECEPTACLES ARE TEMPER RESISTANT.

LIGHTING FIXTURES ABOVE, OR WITHIN TWO FEET OF THE INSIDE OF THE TUB/SHOWER EDGE, MUST HAVE GFCI PROTECTION

THE OUTLETS ON THE ISLAND COUNTER SHALL NOT BE LOCATED MORE THAN 12" FROM THE COUNTER TOP AND SHALL NOT BE LOCATED UNDER MORE THAN A 6" OVERHANG. (ARTICLE 210.52(C))

THE OUTLET BOX HOOD FOR THE NEW EXTERIOR RECEPTACLES SHALL BE LISTED AND IDENTIFIED AS "EXTRA-DUTY." 2014 NEC 406.9(A) (1).

EXTERIOR LIGHT FIXTURES TO BE APPROVED FOR WET/DAMP CONDITIONS AS REQUIRED BY SECTION 410-4 OF THE IECC.

15. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER REMOVAL OF ANY LEFT OVER MATERIAL OR RUBBISH CAUSED BY ANY ELECTRICAL INSTALLATION. ALL RUBBISH SHALL BE REMOVED OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.
16. ALL ELECTRICAL TRIM WORK INCLUDING SWITCHES, OUTLETS, EXHAUST FANS, ETC., TO BE CONSISTENT IN COLOR AND DESIGN THROUGHOUT THE PROJECT.
17. REFER TO SHEET G-1 FOR ADDITIONAL NOTES.
18. SEPARATE CIRCUITS SHALL BE PROVIDED FOR ALL RANGES, OVENS, WATER HEATER, LAUNDRY, GARBAGE DISPOSAL, MICROWAVE, COMPACTOR, DISHWASHER, FOOD FREEZER, REFRIGERATOR, WHOLE HOUSE VACUUM, TUBS WITH PUMPS, STEAM GENERATORS, SUMP AND EJECTOR PUMPS, FURNACES AND AIR CONDITIONERS. (ARTICLE 220.4.14(M) AS AMENDED)
19. ALL CEILING OUTLET ELECTRICAL BOXES SHALL BE CAPABLE OF SUPPORTING CEILING FANS. (ARTICLE: 314.27(D), 422.18)
20. ALL METAL PIPING SYSTEMS, METAL PARTS OF ELECTRICAL EQUIPMENT, AND PUMP MOTORS ASSOCIATED WITH THE WHIRLPOOL TUB SHALL BE BONDED TOGETHER USING A COPPER BONDING JUMPER NO SMALLER THAN NO. 8 SOLID. (ARTICLE: 680.62(C))
21. CLOTHES CLOSET SURFACE MOUNTED INCANDESCENT FIXTURES MUST BE MOUNTED A MINIMUM OF TWELVE INCHES (12") AWAY FROM THE NEAREST POINT OF STORAGE. RECESSED INCANDESCENT, RECESSED FLUORESCENT AND SURFACE MOUNTED.
- FLUORESCENT FIXTURES MUST BE MOUNTED A MINIMUM OF SIX INCHES (6") AWAY FROM THE NEAREST POINT OF STORAGE. LIGHT FIXTURES IN CLOSETS MUST HAVE A COMPLETELY ENCLOSED LAMP. (ARTICLE: 410.8(A))
22. ALL BEDROOM RECEPTACLE AND LIGHTING CIRCUITS SHALL BE ARC-FAULT PROTECTED. (ARTICLE: 210.12)
23. AT LEAST 75% OF THE LAMPS IN THE PERMANENTLY INSTALLED LIGHT FIXTURES MUST BE HIGH EFFICIENCY BULBS. (SECTION R404.1)
24. INSTALL WALL RECEPTACLES SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE. (ARTICLE: 210.52(A)(1))
25. COUNTERTOP RECEPTACLES ARE TO BE INSTALLED SO NO POINT ALONG THE WALL LINE IS MORE THAN TWENTY-FOUR INCHES (24") FROM A RECEPTACLE OUTLET. COUNTERTOPS TWELVE INCHES (12") OR LARGER REQUIRE A RECEPTACLE. (ARTICLE: 210.52(C))
26. THE OUTLET ON THE ISLAND COUNTER SHALL NOT BE LOCATED MORE THAN 12" FROM THE COUNTER TOP AND SHALL NOT BE LOCATED UNDER MORE THAN A 6" OVERHANG. (ARTICLE 210.52(C))
27. ALL 120V 15 AND 20 AMP BRANCH CIRCUITS TO HAVE ARC-FAULT PROTECTION EXCEPT BATHROOMS AND UNFINISHED BASEMENTS.
28. ALL RECEPTACLES TO BE TAMPER RESISTANT.

EXHAUST FAN SCHEDULE					
QTY.	EXHAUST FAN #	CAPACITY CFM	MANUF.	MODEL #	NOTE
2	EF 1	60	BROAN	689	BSMT BATH & M BATH

SMOKE ALARMS

ALL SMOKE ALARMS SHALL BE LISTED AND LABELED IN ACCORDANCE W/ UL 217. THE HOUSEHOLD WARNING EQUIPMENT SHALL FOLLOW NFPA 72.

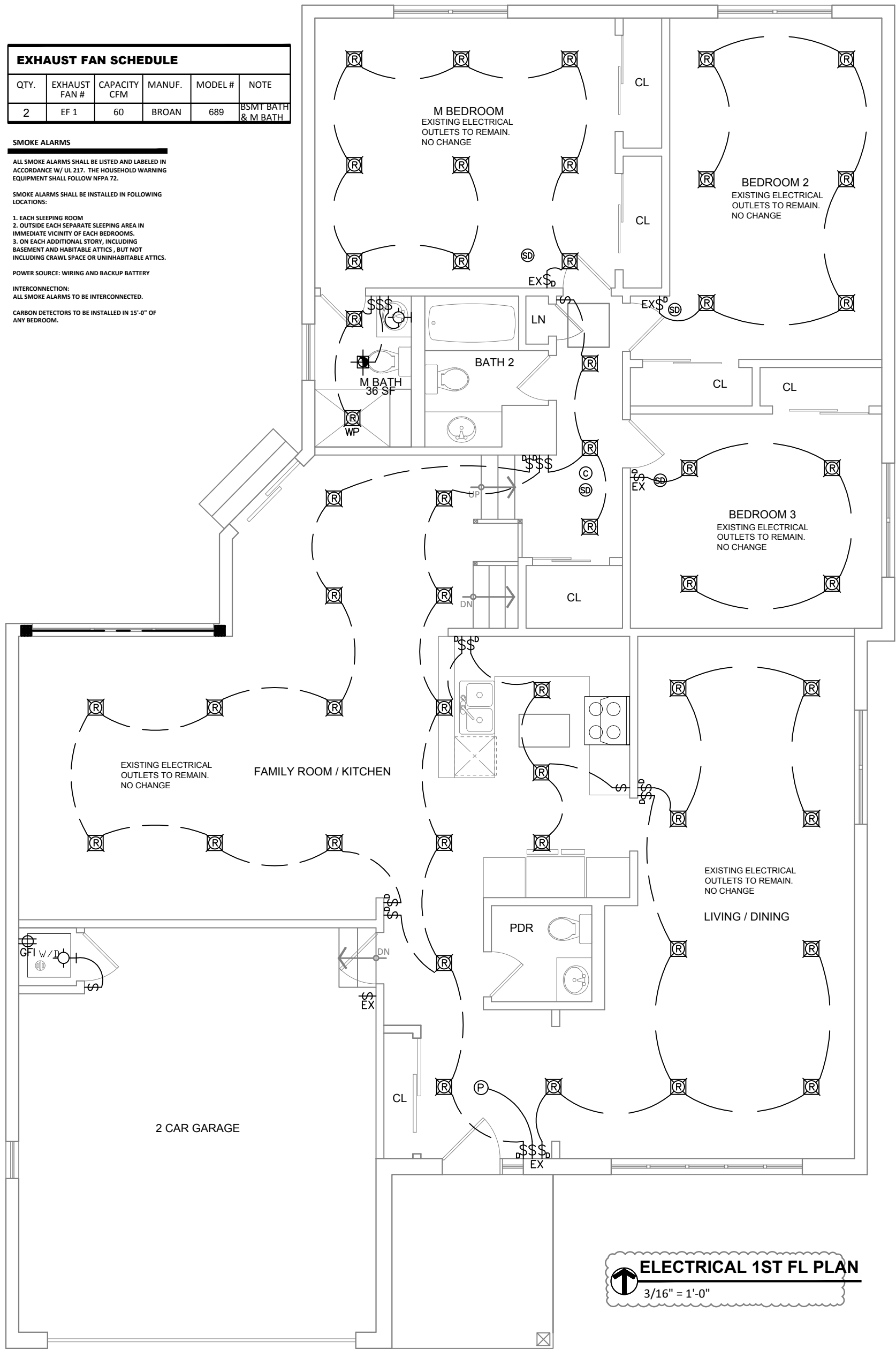
SMOKE ALARMS SHALL BE INSTALLED IN FOLLOWING LOCATIONS:

1. EACH SLEEPING ROOM
2. OUTSIDE EACH SEPARATE SLEEPING AREA IN IMMEDIATE VICINITY OF EACH BEDROOMS.
3. ON EACH ADDITIONAL STORY, INCLUDING BASEMENT AND HABITABLE ATTICS, BUT NOT INCLUDING CRAWL SPACE OR UNHABITABLE ATTICS.

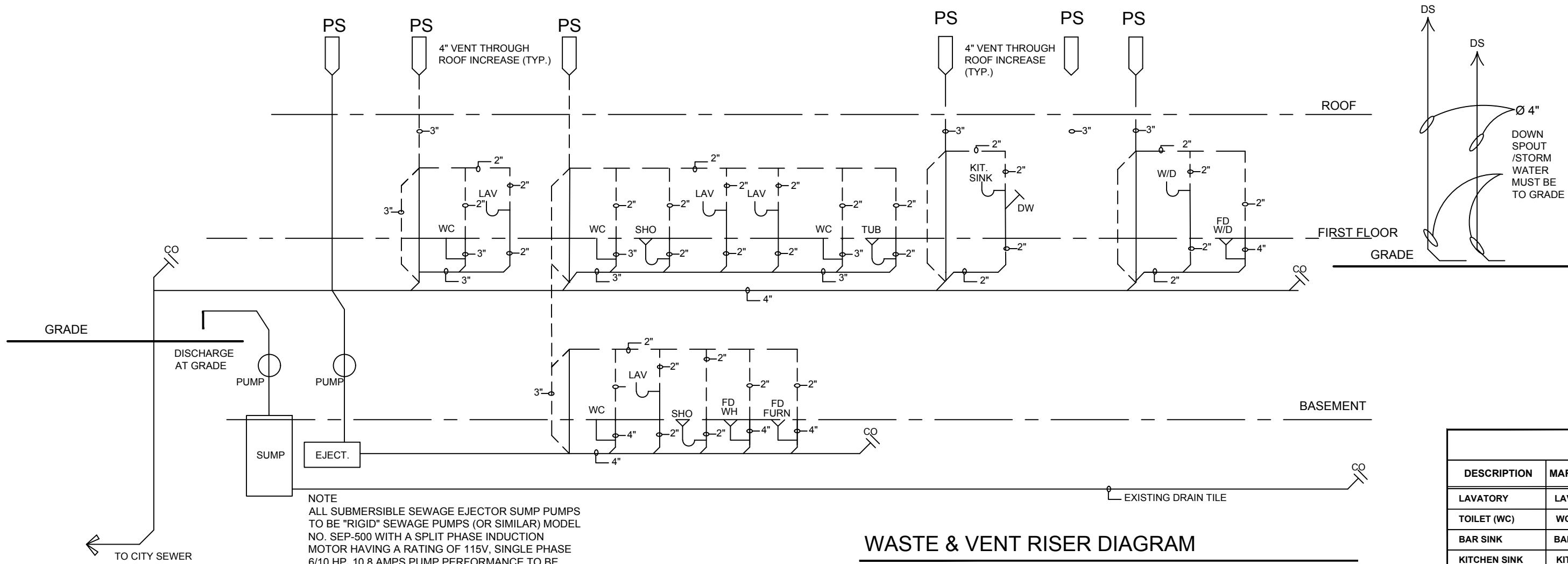
POWER SOURCE: WIRING AND BACKUP BATTERY

INTERCONNECTION: ALL SMOKE ALARMS TO BE INTERCONNECTED.

CARBON DETECTORS TO BE INSTALLED IN 15'-0" OF ANY BEDROOM.



ELECTRICAL 1ST FL PLAN
3/16" = 1'-0"



NOTE
ALL SUBMERSIBLE SEWAGE EJECTOR SUMP PUMPS
TO BE "RIGID" SEWAGE PUMPS (OR SIMILAR) MODEL
NO. SEP-500 WITH A SPLIT PHASE INDUCTION
MOTOR HAVING A RATING OF 115V, SINGLE PHASE
6/10 HP, 10.8 AMPS PUMP PERFORMANCE TO BE
8600 GPH AT 0 FT HEAD.

WASTE & VENT RISER DIAGRAM

N.T.S.

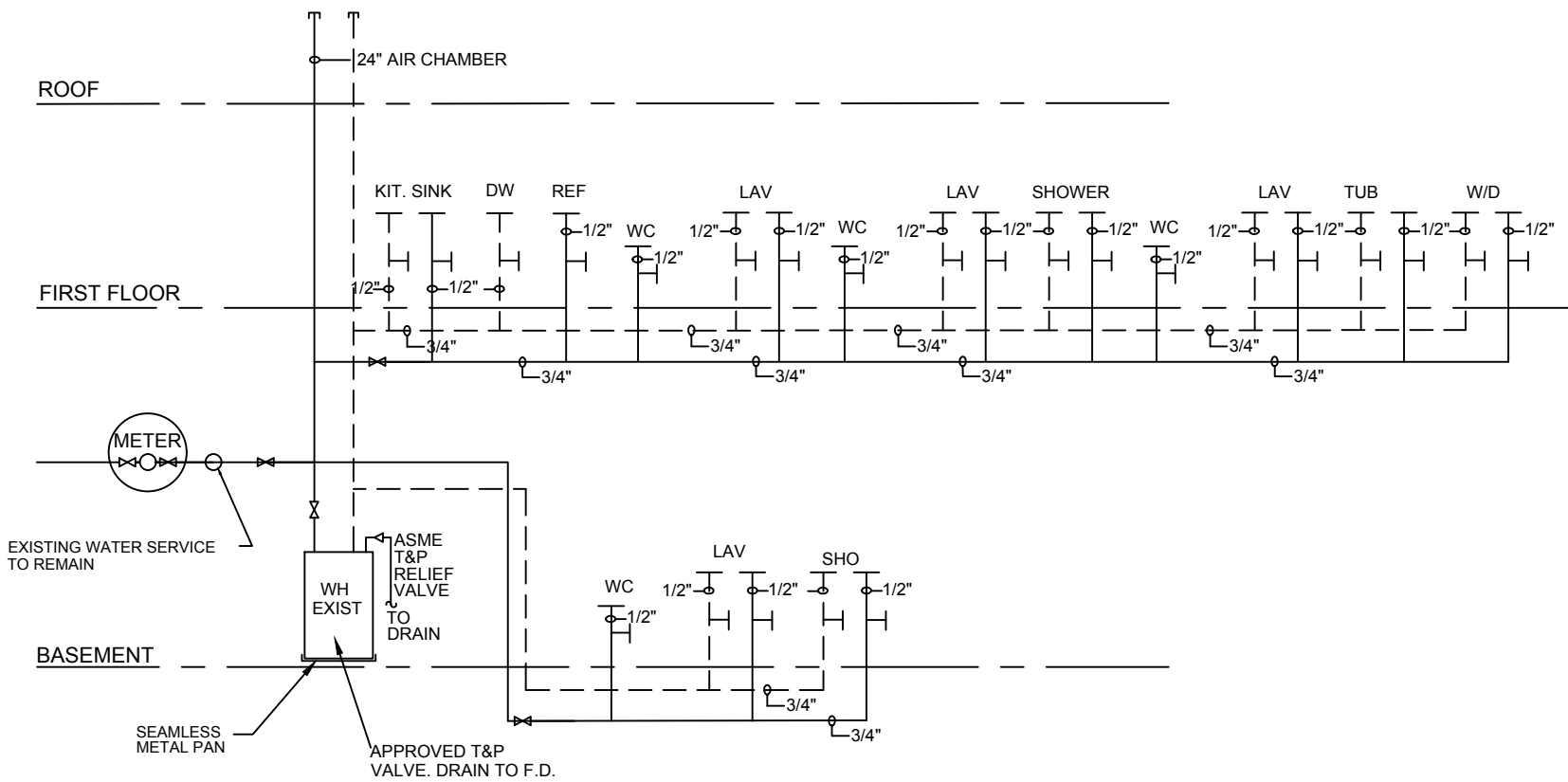
VENT PIPING - - - - -
WASTE PIPING _____
PS = PLUMBING STACK
DS = DOWN SPOUT

FIXTURE SCHEDULE							
DESCRIPTION	MARK	MANUFACTURER	FIXTURE COUNT	FIXTURE UNITS SUPPLY	TOTAL	FIXTURE WASTE	TOTAL
LAVATORY	LAV	AMERICAN STANDARD OR EQUAL	4	1 EACH	4	1 EACH	4
TOILET (WC)	WC	AMERICAN STANDARD OR EQUAL	4	3 EACH	12	4 EACH	16
BAR SINK	BAR	AMERICAN STANDARD OR EQUAL	0	2 EACH	0	2 EACH	0
KITCHEN SINK	KIT	AMERICAN STANDARD OR EQUAL	1	2 EACH	2	2 EACH	2
DISHWASHER	DW	GENERAL ELECTRIC OR EQUAL	1	1 EACH	1	1 EACH	1
WASHER	W/D	GENERAL ELECTRIC OR EQUAL	1	2 EACH	2	2 EACH	2
SHOWER	SHO	AMERICAN STANDARD OR EQUAL	2	2 EACH	4	2 EACH	4
BATHTUB	TUB	AMERICAN STANDARD OR EQUAL	1	2 EACH	2	2 EACH	2
TOTAL			14	TOTAL SUPPLY	27	TOTAL WASTE	31

E.L.
3.9.23

GENERAL PLUMBING NOTES

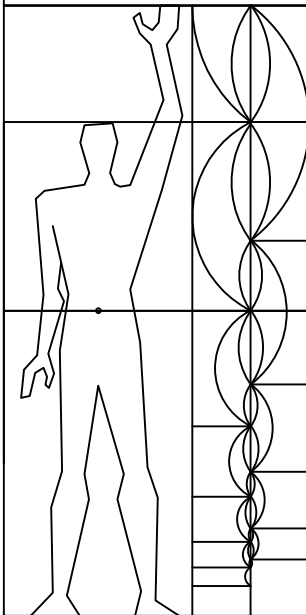
- ALL PLUMBING WORK TO COMPLY WITH AND TO BE EXECUTED IN STRICT ACCORDANCE WITH THE VILLAGE OF GLENDALE HEIGHTS BUILDING CODE AND THE STATE OF ILLINOIS PLUMBING REQUIREMENTS.
- ALL PLUMBING WORK SHALL BE GUARANTEED FOR A MINIMUM OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE OWNER/ARCHITECT.
- THE PLUMBING CONTRACTOR SHALL VERIFY THE SIZING AND DESIGN OF ALL PLUMBING SHOWN AND SHALL FURNISH ALL NECESSARY LABOR, MATERIALS, INSTRUMENTS AND DEVICES REQUIRED TO CAUSE THE SYSTEM TO PERFORM IN ACCORDANCE WITH THE INTENT OF THE PLANS.
- ALL PLUMBING ROUGH-INS MUST BE INSPECTED AND APPROVED BY THE VILLAGE OF GLENDALE HEIGHTS. INSPECTIONS SHALL BE SCHEDULED BEFORE DRYWALL IS HUNG IN CHASE AREAS OR CONCRETE POURED AT TRENCHES. CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL INSPECTIONS.
- THE PLUMBING CONTRACTOR MUST TEST ALL PLUMBING FIXTURES (PRESSURE TEST THE ENTIRE SYSTEM) BEFORE THE OWNER WILL ACCEPT THE OCCUPANCY.
- WHENEVER POSSIBLE, UTILIZE EXISTING UNDERGROUND SEWER WORK. THE PLUMBING CONTRACTOR SHALL VERIFY THAT THE EXISTING STORM SEWER AND WASTE SEWER SYSTEMS ARE IN SERVICEABLE CONDITION.
- PROVIDE FLOOR DRAINS AT ALL FURNACE AND LAUNDRY LOCATIONS AND ALL OTHER LOCATIONS NOTED ON THE DRAWINGS. FLOOR DRAINS SHALL BE MADE TO FLOW PROPERLY.
- VALVE SHUT-OFFS ARE REQUIRED FOR EACH FIXTURE, RISER, AND BETWEEN BRANCHES.
- ADEQUATELY SUPPORT ALL PIPING FIXTURES. PROVIDE EXPANSION LOOPS AS REQUIRED.
- PROVIDE WATER HAMMER PREVENTION SYSTEM FOR THE WATER SUPPLY PIPING AT EACH RISER AND AT EACH FIXTURE AS REQUIRED BY THE VILLAGE OF GLENDALE HEIGHTS BUILDING CODE.
- ALL SUPPLY PIPING TO BE HARD DRAWN COPPER.
- ALL WASTE & VENT PIPING UP TO 3" DIAMETER SHALL BE COPPER, CAST IRON OR PVC. WASTE AND VENT PIPING OVER 3" SHALL BE CAST IRON OR COPPER.
- ALL WASTE LINES BELOW GROUND TO BE CAST IRON.
- THE PLUMBING CONTRACTOR SHALL PROTECT ALL EXISTING FIXTURES AND FAUCETS FROM DAMAGE THROUGH THE DURATION OF CONSTRUCTION.
- ALL EXPOSED PIPING AND/OR TRIMS SHALL BE CHROMIUM PLATED (TYPICAL).
- ANY EXISTING PLUMBING WORK DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW AND EQUAL TO THE EXISTING WITHOUT ANY COST TO THE OWNER.
- PROVIDE ALL CUTTING AND DRILLING TEMPLATES REQUIRED FOR THE NEW WORK. NO EXISTING OR NEW STRUCTURAL WORK TO BE CUT WITHOUT PREVIOUS APPROVAL FROM THE ARCHITECT. PATCH ALL DISTURBED EXISTING WALLS AND CEILING TO MATCH ADJACENT SURFACES.
- INSTALL ALL NEW WORK SUBSTANTIALLY AS INDICATED ON THE DRAWINGS. SLIGHT DEVIATIONS FROM LOCATIONS OF NEW PIPING INDICATED ON THE DRAWINGS MAY BE MADE BY THE CONTRACTOR (AT NO ADDITIONAL CHARGE TO THE OWNER) IN ORDER TO CLEAR EXISTING STRUCTURAL WORK, EXISTING HVAC, EXISTING PIPING, ETC.. HOWEVER, ALL SUCH DEVIATION SHALL BE PREVIOUSLY APPROVED BY THE ARCHITECT/OWNER.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH THE OWNER PERTAINING TO THE USE OF DOOR ENTRIES, WORKING HOURS, REFUSE DISPOSAL, SECURITY, INTERRUPTION OF THE BUILDING UTILITIES, AND/OR FUNCTIONS, OWNERSHIP OR SALVAGED MATERIALS AND ANY OTHER ITEMS DEEMED TO THE MUTUAL INTEREST.
- WORK SHALL INCLUDE, BUT NOT NECESSARILY LIMITED TO PROVIDING ALL LABOR, MATERIALS, TOOLS, PERMITS, TESTS, INSPECTION FEES, TAXES, ETC., NECESSARY FOR, OR INCIDENTAL TO THE INSTALLATION OF NEW PLUMBING WORK SATISFACTORY TO THE OWNER/ARCHITECT.
- ALL OPENINGS THROUGH WINDOWS, FLOOR, AND PARTITIONS SHALL BE PACKED WITH FIRE RATED MATERIAL "THERMO-FIBER No. CW 40". FLOOR OPENINGS ADDITIONALLY SHALL BE CAULKED WATERTIGHT WITH B-1 BUTYL WATERPROOF MASTIC SEALANT.
- PROVIDE 24" AIR CHAMBERS AT THE TOP OF EACH MAIN RISER.
- PROVIDE 12" AIR CHAMBERS AT EACH FIXTURE.
- PROVIDE ANTI-SCALD DEVICES AT ALL TUB AND SHOWER LOCATIONS
- INSULATE ALL EXTERIOR WALL PLUMBING & ALL PLUMBING LOCATED IN FLOORS/CEILINGS ADJACENT TO UNCONDITIONED OR EXTERIOR SPACES.
- REFER TO SHEET G-1 FOR ADDITIONAL NOTES.
- UNDERGROUND PLUMBING SHOULD BE SCHEDULE 40.



WATER SUPPLY DIAGRAM

N.T.S.

HOT WATER - - - - -
COLD WATER _____



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EDUARD LUVANU
001-928546
OF 11/11/2023

ISSUED DATE
3.9.2023

1061 VICTORIA LN
GLENDALE HEIGHTS, IL 60139

PLUMBING
DIAGRAMS &
NOTES

P-1