KINGSVILLE FIRE DEPARTMENT

GENERAL NOTES

THE ARCHITECT IS SOLELY RESPONSIBLE FOR THE DESIGN INTERPRETATION OF THE CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL NOT SCALE DRAWINGS.

THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT IN WRITING.

THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTIONS MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT, UNLESS CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS.

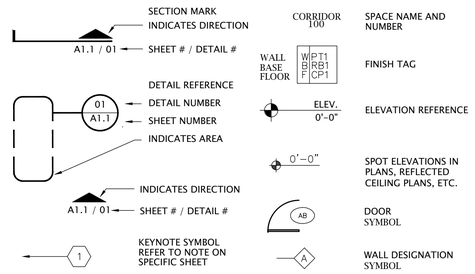
THE CONTRACTOR SHALL COORDINATE THE LOCATION / INSTALLATION OF BUILDING SYSTEMS & EQUIPMENT AND VERIFY THAT REQUIRED CLEARANCES FOR INSTALLATION / MAINTENANCE OF THE EQUIPMENT & ASSOCIATED WORK ARE PROVIDED. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS: MECHANICAL, ELECTRICAL, LIGHTING, PLUMBING, TELEPHONE & KITCHEN EQUIPMENT.

THE CONTRACTOR SHALL COORDINATE WITH ALL BUILDING TRADES INVOLVED IN THE PROJECT TO INSURE PROPER CLEARANCES FOR FIXTURES, DUCTS, CEILING, ETC., CONTRACTOR SHALL COORDINATE ALL TRADES INCLUDED TO MAINTAIN THE CEILING HEIGHTS NOTED ON THE DRAWINGS. ANY CONFLICTS SHALL BE REPORTED IN WRITING TO THE ARCHITECT.

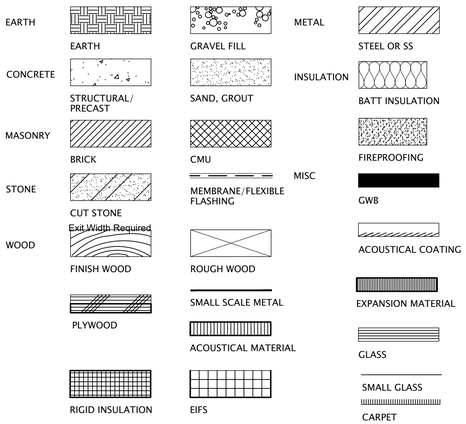
UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMIT AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK. THE CONTRACTOR SHALL COMPLY WITH AND GIVE NOTICES REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK.

IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, POLYCHLORINATED BIPHENYL (PBC) OR OTHER TOXIC MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION IN WRITING TO THE OWNER.

SYMBOLS



MATERIALS LEGEND



PROJECT DESCRIPTION:

RENOVATE FIRST FLOOR & PARTIAL BASEMENT OF NORTH COAST COLLEGE TWO HOUSE A RESTAURANT, COMMERCIAL KITCHEN, TWO TRAINING KITCHENS, A BAR, & A BAKERY.

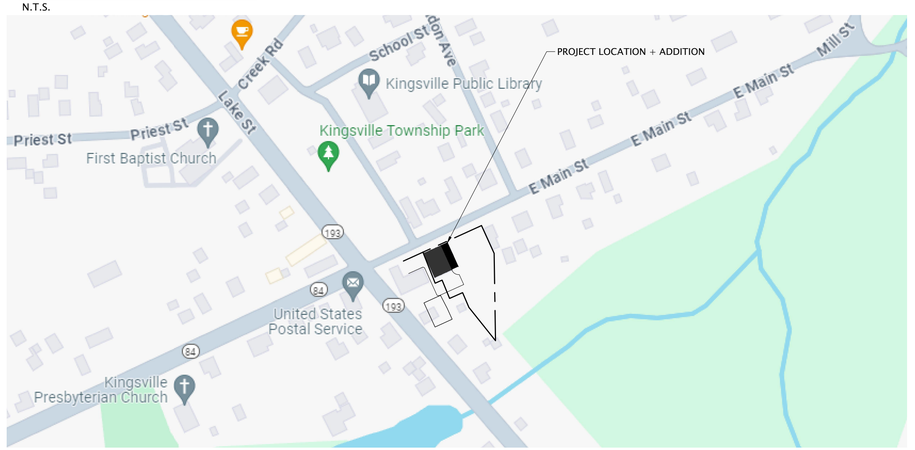
ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
A/V	AUDIO / VISUAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BO	BOTTOM OF
BOM	BOTTOM OF MASONRY
BOT	BOTTOM
CAB	CABINET
CEM	CEMENT
CLG	CEILING
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CASED OPENING
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE(D)
CP	CARPET(ED)
CT	CERAMIC TILE
CTR	CENTER
D	DEEP, DEPTH
DEMO	DEMOLISH, DEMOLITION
DTL	DETAIL
DF	DRINKING FOUTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DS	DOWNSPOUT
DW	DISH WASHER
DWG	DRAWING
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR
ELEC	ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELELCTRIC WATER COOLER
EXH	EXHAUST
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH
FLR	FLOOR
FLOUR	FLOURESCENT
FO	FACE OF
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GWB	GYSUM WALL BOARD
H	HIGH
HC	HANDICAP(PED)
HM	HOLLOW METAL
HOR	HORIZONTAL
HT	HEIGHT
HVAC	HEATING / VENTILATING & AIR CONDITIONING
INSUL	INSULATE(ED), (ION)
INT	INTERIOR
JT	JOINT
L	LONG, LENGTH
LAM	LAMINATE(D)
LAV	LAVATORY
LH	LEFT HAND
LL	LIVE LOAD
LT	LIGHT
LVR	LOUVER
MAS	MASONRY
MAX	MAXIMUM
MATL	MATERIAL
MECH	MECHANICAL
MTL	METAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNTED
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
OH	OVERHEAD
OPH	OPPOSITE HAND
OPG	OPENING
OPP	OPPOSITE
PL	PLASTIC
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
POLY	POLYETHYLENE
PT	PRESSURE TREATED
PTD	PAINTED
PVC	POLYETHYLENE VINYL CHLORIDE
QT	QUARRY TILE
R	RISER, RADIUS
RAD	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
REF	REFERENCE
REFG	REFRIGERATOR
REQD	REQUIRED
REV	REVISION
RH	RIGHT HAND
RO	ROUGH OPENING
RT	RUBBER TILE
RTU	ROOF TOP UNIT
SC	SEALED CONCRETE
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
STL	STEEL
STD	STANDARD
STRUCT	STRUCTURAL
SV	SHEET VINYL
SYS	SYSTEM
T	TREAD
TELE	TELEPHONE
TO	TOP OF
TOC	TOP OF CONCRETE
TOJ	TOP OF JOIST
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
T&G	TOUNGUE AND GROOVE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VTR	VENT RISER
W	WIDE, WIDTH
WASH	WASHER
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WWF	WELDED WIRE FABRIC
w/	WITH
w/o	WITHOUT

DRAWING INDEX

PROJECT LOCATION

N.T.S.



PROJECT TEAM

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E-MAIL:.....

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MATTHEW R WOLF
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EXP. DATE 12/31/2025

KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

PERMIT OCT 29 2024
D. DEVELOPMENT JULY 22 2024
PROJECT #: 2022

A
REF

GENERAL REFERENCE

LIMITED SPECIFICATION

FOUNDATION

1. FOUNDATION DESIGN BASED ON ASSUMED SOIL CONDITIONS

2. FOOTINGS ARE DESIGNED ON THE FOLLOWING INFORMATION:
ALLOWABLE BEARING = 1500 PSF MIN.
FOOTING SHALL BEAR ON COMPACTED FILL OR NATIVE SOILS OR PER GEO-TECH ENGR'S RECOMMENDATION

3. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER, OR SEEPAGE, IF REQUIRED.

4. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES. INCLUDING LAGGING SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL , STATE , AND LOCAL SAFETY ORDINANCES.

5. EXCAVATION FOR THE FOOTERS SHALL BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT A LETTER OF COMPLIANCE.

6. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH.

7. FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER FOUNDATION DEPTHS WILL BE ALTERED BY A CHANGE ORDER.

8. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT AND APPROVED BY THE INSPECTOR. ALL FILLS SHALL BE USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE SOILS ENGINEER REPRESENTATIVE PER CODE SECTION 3301.

9. ALL ABANDONED FOOTINGS, UTILITIES, ETC. SHALL BE REMOVED. NEW FOOTINGS MUST EXTEND TO UNDISTURBED SOILS.

10. SLABS ON GRADE SHALL BE SUPPORTED ON NATURAL GRADE OR COMPACTED FILL AS PER THE RECOMMENDATIONS OF THE SOILS REPORT

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318 LATEST ADDITION

2. REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD"

3. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. MIX DESIGN METHODS (TEST HISTORY OR TRAIL BATCH METHOD) PER CODE SECTION 1905.3 SHALL BE USED TO PROPORTION CONCRETE. SUBMIT MIX DESIGN METHOD DATA.

4. SCHEDULE OF STRUCTURAL CONCRETE 28 DAY STRENGTH AND TYPES

LOCATION IN THE STRUCTURE	STRENGTH	DENSITY	SLUMP
ALL CONCRETE FOOTINGS	3000	150 PCF	1-3
SLAB ON GRADE	4000	150 PCF	1-3
SLAB ON GRADE EXTERIOR	4000AE	150 PCF	1-3

5. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150 TYPE 1 OR TYPE 2

6. AGGREGATE FOR CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT SPECIFICATIONS

7. CONCRETE MIXING OPERATION ETC. SHALL CONFORM TO ASTM C-94

8. PLACEMENT OF CONCRETE SHALL CONFORM TO CODE SECTIONS 1905 AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4 " AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED

9. ALL REINFORCING BARS, ANCHORS, BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.

10. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. CORING CONCRETE IS NOT PERMITTED. NOTIFY THE ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS FOR ADDITIONAL RESTRICTIONS ON THE PLACEMENT OF OPENINGS IN THE SLABS AND WALLS.

11. PIPES LARGER THAN 1-1/2" DIA. SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY ENGINEER. PIPES SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS. SPACE EMBEDDED PIPES AT A MIN. OF THREE DIAMETERS.

12. CUT JOINT FOR SLABS ON GRADE A MAXIMUM OF 20'-0" O.C. UNLESS NOTED OTHERWISE ON THE CONTRACT DOCUMENTS. CUT JOINTS WITHIN EIGHT (8) HOURS AFTER PLACING CONCRETE.

13. CURE CONCRETE BY WET CURING OR LIQUID SPRAY CONFORMING TO ASTM C-309. CONTRACTOR TO VERIFY CURING AGENT IS COMPATIBLE WITH ANY FLOOR ADHESIVES SPECIFIED WITHIN THE CONTRACT DOCUMENTS.

REINFORCING STEEL

1. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE, ASTM A615 GRADE 60 U.N.O. DEFORMATIONS SHALL BE IN ACCORDANCE WITH ASTM A-305

2. BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD

3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 (MATS ONLY) PROVIDE LAPS PER THE CODE SECTION 1912.8, 9" MIN. WWF SHALL BE SUPPORTED ON APPROVED CHAIRS..

4. ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION MADE.

5. BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.

6. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION.

7. REBAR SPACINGS GIVEN ARE MAXIMUM ON CENTER WETHER STATED AS "O.C." OR NOT. ALL REBAR IS CONTINUOUS WHETHER STATED AS "CONT" OR NOT.

8. WHERE REINFORCING IS SHOWN CONTINUOUS THROUGH CONSTRUCTION JOINTS, MECHANICAL BAR SPLICE DEVICES MAY BE USED. SIZES AND TYPES SHALL BE SELECTED TO DEVELOP THE FULL TENSION STRENGTH OF THE BAR PER ICBO RESEARCH REPORT. SUBMIT FOR APPROVAL BY STRUCTURAL ENGINEER.

9. MILL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED PRIOR TO PLACEMENT OF CONCRETE.

10. CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION DURING INSTALLATION OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL.

11. CONCRETE PROTECTION FOR REINFORCEMENT
(1) CAST-IN-PLACE CONCRETE (NON PRE-STRESSED).
THE FOLLOWING MIN. CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT UNLESS OTHERWISE NOTED:
(A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
(B) CONCRETE EXPOSED TO EARTH OR WEATHER:
NO. 6 THROUGH NO. 18 BAR: 2"
NO. 5 BAR, W31 OR D31 WIRE AND SMALLER 1-1/2"
(C) CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND , SLABS, WALLS, JOISTS,
NO. 11 BAR AND SMALLER 3/4 "

BASEMENT WATER PROOFING

1. WATERPROOFING / DRAINAGE SYSTEM: INSTALL THE SPECIFIED ELASTOMERIC MEMBRANE, PROTECTION BOARD AND POROUS FILL TO WITHIN 18" OF FINISH GRADE AS PER THE TUFF-N-DRI EXTERIOR FOUNDATION SYSTEM SHALL CONSIST OF SPRAYED-ON MEMBRANE MIN. 60 MILS WET FILM THICKNESS, UN-FACED 2" RIGID CLOSED CELL POLYSTYRENE INSULATION PROTECTION BOARD. SYSTEM SHALL BE INSTALLED PER MANUFACTURE'S INSTRUCTIONS AND OWNER SHALL BE PROVIDED MANUFACTURES STANDARD 10 YEAR LIMITED WARRANTY.

MASONRY:
1. WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ACI 530.7/ASCE 530/TMS 602 SPECIFICATION FOR MASONRY STRUCTURES.
2. HOLLOW CONCRETE MASONRY UNITS SHALL BE ASTM C90, TYPE 1, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI (AVE. NET AREA).
3. BRICK MASONRY UNITS SHALL BE ASTM C216, GRADE SW, WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,400 PSI (AVE. NET AREA).
4. MORTAR FOR LOAD BEARING (REINFORCED AND NON-REINFORCED) WALLS SHALL BE ASTM 476 TYPE S WITH A SPECIFIED 28 DAY COMPRESSIVE STRENGTH OF 1800 PSI.
5. MORTAR FOR NON-LOAD BEARING PARTITION WALLS SHALL BE TYPE N WITH A SPECIFIED 28 DAY COMPRESSIVE STRENGTH OF 750 PSI.
6 GROUT STRENGTH SHALL BE 3000 PSI MINIMUM. SLUMP TO BE 8" TO 10". PLACE GROUT IN 4'-0" (MAX.) LIFTS.
7. REINFORCING SPLICES SHALL BE LAPPED 48 BAR DIAMETERS.
8. ALL MASONRY UNITS SHALL HAVE GALVANIZED HORIZONTAL REINFORCEMENT AS FOLLOWS: LADDER TYPE, #9 GAGE SIDE AND CROSS RODS SPACED 16" O.C. VERTICALLY (8" O.C. VERTICALLY FOR ALL WALLS BELOW GRADE).
9. PROVIDE 16" THICK (MIN.) SOLID OR GROUTED MASONRY UNDER ALL STEEL BEARING ON MASONRY.
10. PROVIDE VERTICAL WALL REINFORCING AS NOTED ON PLAN AND (2)-#5 AT ALL CORNERS AND AT EDGE OF WALL OPENINGS GREATER THAN 7'-0" HIGH.

VAPOR BARRIER AND AIR INFILTRATION BARRIER

1. A VAPOR BARRIER SHALL BE PROVIDED UNDER ALL CONCRETE INTERIOR SLABS ON GRADE. BARRIER SHALL BE A POLYETHYLENE FILM, 6.0 MILS THICK.
2. AN AIR INFILTRATION BARRIER SHALL BE PROVIDED CONSISTING OF RUFCO ENERGY-EFFICIENT HOUSE WRAP OR APPROVED EQUAL. HOUSE WRAP SHALL BE INSTALLED PRIORTO INSTALLATION OF DOORS AND WINDOWS AND OVER ALL SHEATHING. HOUSE WRAP TAPE SHALL BE USED TO SEAL ALL JOINTS.
3. ALL ADHESIVES, CAULKS, AND LOW SEALEANTS SHALL COMPLY w/ V.O.C. STANDARDS

FOAM PLASTIC

1. ALL FOAM PLASTIC SHALL COMPLY WITH SECTION 316 OF THE RESIDENTIAL CODE OF OHIO. PACKAGES AND CONTAINERS OF FOAM PLASTIC INSULATION FOAM PLASTIC INSULATION COMPONENTS DELIVERED TO THE JOB SITE SHALL BEAR THE LABEL OF AN APPROVED AGENCY SHOWING THE MANUFACTURES NAME, THE PRODUCT LISTING, PRODUCT IDENTIFICATION, AND INFORMATION SUFFICIENT TO DETERMINE THAT THE END USE WILL COMPLY WITH THE REQUIREMENTS.
2. ALL FOAM PLASTIC SURFACE BURNING CHARACTERISTICS SHALL COMPLY WITH SECTIONS 316.3-7 OF THE RESIDENTIAL CODE OF OHIO

BUILDING INSULATION

1. ROOF INSULATION SHALL BE BLOWN-IN CELLULOSE TO MEET R-50 MINIMUM. PROVIDE VENTILATION BAFFLES AT EAVES AND RIDGE VENTS TO MAINTAIN VENTING. MECHANICAL VENTING MAY OCCUR (SEE ELEVATIONS/SECTIONS). TO MEET VENTILATION REQUIREMENTS AS IDENTIFIED BY RATER AND/OR MEET THE ORLEAN CO. WEATHERIZATION STANDARDS.
2. EXTERIOR WALL INSULATION SHALL BE CELLULOSE OR OPEN CELL / CLOSED CELL FOAM INSULATION TO MEET R-23 MINIMUM AS INDICATED ON THE DRAWINGS. INSULATION SHALL BE INSTALLED WITH VAPOR BARRIER TO THE WARM SIDE OF THE SPACES, AND WHERE THE ENDS OF BLANKETS OR BATTS MEET. THE VAPOR BARRIER SHALL BE OVERLAPPED TO PROVIDE A CONTINUOUS SEAL. TEARS IN THE VAPOR BARRIER SHALL BE REPAIRED.
3. SILL SEALER SHALL BE PROVIDED UNDER ALL WOOD SILL PLATES AT MASONRY., USE 3/8 " THICK WIDTH OF THE PLATE.
4. INSULATE ALL HEATING SUPPLY DUCTWORK WHICH RUNS IN EXTERIOR WALLS OR IN CEILINGS ABOVE GARAGES TO A MINIMUM OF R-8.
5. INSTALL CELLULOSE OR OPEN / CLOSED CELL FOAM INSULATION TO MEET R-20 MINIMUM AT ALL ATTIC SPACES ABOVE GARAGES.
6. INSULATION INSTALLATION SHALL INCLUDE CAULKING OF ALL WOOD TO WOOD CONNECTIONS, INCLUDING AROUND WINDOWS, WINDOW LINTELS AND ALL DOUBLED STUDS. (CAULK TO COMPLY WITH CAULK SPECIFICATION).

7. FLAME SPREAD INDEX AND SMOKE DEVELOPED INDEX FOR INSULATION SHALL COMPLY WITH R302.10 TESTING FOR CRITICAL RADIANT FLUX SHALL BE MADE IN ACCORDANCE WITH ASTM E 970

METAL ROOFING

1. PREMIER METALS LOC STANDING SEAM
2. ASPHALT -SATURATED ROOF FELT: ASTM D-266-81, ORGANIC UN-PERFORATED, 36" WIDE (15#)
3. ICE AND WATER SHIELD: GRACE ICE AND WATER SHIELD HT. SELF ADHERING RUBBERIZED ASPHALT/POLYETHYLENE MEMBRANE SHEET - 36" WIDE MINIMUM. THICKNESS: MILS - 40 MINIMUM. PROVIDE FULL WIDTH AT ALL EAVES AND VALLEYS AT INSULATED AREAS, AS WELL AS FIRST COURSE ABOVE ALL GUTTERS.
4. FASTENERS: HOT DIPPED GALVANIZED STEEL 11 OR 12 GAGE BARBED SHANK NAILS, 3/8 " HEAD SHARP POINTED CONVENTIONAL, SUFFICIENT LENGTH TO PENETRATE ROOF SHEATHING.
5. COLOR KYNAR 500 SLATE GREY
6. INSTALL SHINGLE VENT II PER MANUFACTURE'S SPECIFICATIONS.

TPO ROOFING

1. TPO MEMBRANE CARLISLE SYNTEC SYSTEM OCTAGUARD XT
2. 60 MIL 20 YEAR WARRENTY
3. FASTENERS: ALUM ZINC ALLOY
4. COLOR TAN (SRI 88)
5. INSTALL PER MANUFACTURE'S SPECIFICATIONS.

GUTTERS, DOWNSPOUTS, AND SHEET METAL FLASHINGS.

1. GUTTERS SHALL BE SEAMLESS ALUMINUM GUTTER OR APPROVED EQUAL, 4" OGEE TYPE GUTTER. ALL DOWNSPOUTS TO BE ALUM COLOR SHLL BE TUXEDO GREY
2. GUTTERS AND SHEET METAL FLASHING SHALL BE FACTORY APPLIED BAKED ENAMEL. ALUMINUM SHEET SHALL BE IN THE THICKNESS OF .019 COIL STOCK.
3. ALL ACCESSORIES SHALL BE PROVIDED INCLUDING END CAPS, INSIDE AND OUTSIDE MITERED TRANSITIONS, GUTTER HANGERS AND CLIPS. ALL ACCESSORIES SHALL BE FINISHED TO MATCH THE GUTTERS.
4. ALL GUTTERS SHALL BE PITCHED A MINIMUM OF 1/4 " FOR EVERY TEN FEET OF RUN, IN THE DIRECTION OF THE DOWNSPOUTS. ALUMINUM FOR GUTTERS SHALL BE TYPE 5K, .027 IN. THICK.

LOW V.O.C. SEALENTS AND CAULKING

1. SEALANT SHALL BE TREMCO, DYMONIC COLOR TO BE SELECTED BY OWNER FROM FULL LINE OF STANDARDS. THIS SEALANT SHALL BE USED FOR ALL EXTERIOR JOINTS BETWEEN VINYL TO VINYL, VINYL TO MASONRY, ALUMINUM TO VINYL, WOOD TO VINYL, ETC. FOR HAIRLINE CRACKS IN CONCRETE WALLS, TREMCO THC 900, A HYBRID MULTI-COMPONENT, CHEMICALLY CURING, POLYURETHANE JOINT SEALANT SHALL BE USED, COLOR TO BE APPROVED BY OWNER.
2. IN BATHROOMS AND KITCHENS, PROGLAZE, A CLEAR SILICONE RUBBER -BASED, ONE PART, NON-SAG, ELECTROMETRIC SEALANT, RESISTANT TO MILDEW SHALL BE USED.
3. FOR OTHER INTERIOR JOINTS AN ACRYLIC LATEX CAULK THAT IS PAINTABLE SHALL BE USED.
4. ALL SEALANT AND CAULKING WORK SHALL BE DONE PER MANUFACTURE'S REQUIREMENTS. CONTRACTOR SHALL PREPARE JOINTS: CLEAN, PRIME AND INSTALL BACK RODS AND BOND BREAKERS AS REQUIRED.

GYPSUM WALL BOARD CONSTRUCTION

1. PRE-DRYWALL INSPECTION REQUIRED. CONTRACTOR MUST NOTIFY OWNER AND COORDINATE WITH GREEN RATER.
2. WALLS AND CEILINGS SHALL BE 5/8 " GYPSUM BD. WALLS ARE TO BE SMOOTH FINISH, CEILINGS TO BE KNOCK DOWN TEXTURED. METAL CORNER BEAD SHALL BE PROVIDED. ALL JOINTS, INSIDE CORNERS AND AT CORNE BEAD SHALL BE FINISHED WITH JOINT TAPE AND READY MIXED VINYL JOINT COMPOUND. ALL GYPSUM BOARD TO BE INSTALLED WITH SCREWS AND ADHESIVE.
3. INSTALL MOISTURE-RESISTANT GYPSUM WALL BOARD AT
- PLUMBING WALLS OF ALL BATHROOMS
-TUB SURROUND WALLS AT ALL BATHROOMS.

FLOORING

1. IN FIRST FLOOR (EXCEPT CONF.) AND SECOND FLOOR OFFICE:
2.25" WHITE OAK 50/50 QUARTERED AND PLAIN-SAWN SHALL BE INSTALLED.
TOILETS: OWNER TO SELECT PORCELAIN TILE
2. TERRACE: STONE TO MATCH HOUSE
3. WOOD BASE (1x6) SHALL BE PROVIDED THROUGHOUT EXCEPT @ TOILETS
4. TILE BASE SHALL BE PROVIDED IN TOILETS 6" HIGH
5. WATERPROOF ADHESIVES SHALL BE USED.
6. ALL COLOR TO BE SELECTED BY OWNER.

FIREBLOCKING

1. FIREBLOCKING SHALL BE PROVIDED PER ROC 302.11 TO CUT OFF BOTH VERTICLE AND HORIZONTAL CONCEALED DRAFT OPENINGS AND TO FORM AN EFFECTIVE FIRE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE. FIREBLOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:

IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS @ VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.

AT INTERSECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.

IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION ROC 302.7

AT OPENINGS AROUND VENTS PIPES DUCTS CABLES AND WIRES AT CEILING AND FLOOR LEVEL WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION

FIBERGLASS WINDOWS + EXTERIOR DOORS

1. WINDOWS SHALL BE LOW-E (ENERGY EFFICIENT), AND OF SOLID FIBERGLASS CONSTRUCTION OF IMPACT RESISTANT EXTERIOR. COLOR TO BE SELECTED BY OWNER. WINDOW MATERIAL THICKNESS SHALL BE .065. ALL FASTENERS SHALL BE STAINLESS STEEL, ALUMINUM OR OTHER NON-CORROSIVE MATERIALS. ALL GLAZING SHALL BE SEALED INSULATING UNITS. SCREENS SHALL BE PROVIDED AT ALL OPERATING UNITS. WINDOWS TO BE DOUBLE HUNG AND FIXED UNITS. SEE ELEVATIONS FOR LOCATIONS.
2. WINDOWS AND DOORS SHALL MEET OR EXCEED AAMA SPECIFICATIONS. THEY SHALL BE RATED, FOR DOUBLE HUNG OR FIXED WINDOWS.
3. ACCEPTABLE MANUFACTURES AND TYPES OR APPROVED EQUAL:
A. FIBERGLASS DOUBLE HUNG WITH SCREEN + FIXED UNITS, MARVIN ELEVATE, DOUBLE PANE, U-VALUE: 0.30

PAINTING

1. ALL PAINT SHALL HAVE ONE COAT PRIMER TWO COATS FINISHED PAINT. ALL PRODUCTS SHALL BE SHERWIN-WILLIAMS OR APPROVED EQUAL. ALL COLOR SELECTIONS TO BE MADE BY OWNER.
2. ALL PRESSURE TREATED LUMBER ONFRONT AND REAR PORCHES TO BE FINISHED WITH STAIN WITH WATER SEALER, COLOR TO BE DETERMINED BY OWNER.

FIRE RESISTANT CONSTRUCTION

1. FLAME SPREAD INDEX AND SMOKE DEVELOPED INDEX SHALL MET IN ACCORDANCE WITH R302.9.1 - R302.9.4, FOR WALL AND CEILING FINISHES, INCLUDING REQUIRED TESTING IN ACCORDANCE WITH ASTM E84 OR UL 723 PER R302.9.3
2. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200, OR A SMOKE-DEVELOPED INDEX GREATER THAN 450

DOOR HARDWARE

HARDWARE GROUP 01 – INTERIOR DOOR

QTY	DESCRIPTION	CATALOG NUMBER	MFR
3 EA	HINGE	5BB1 NRP	IVE
1 EA	PASSAGE SET	ND10S ATH	SCH
1 EA	STOP	WS407/FS436	IVE
3 EA	SILENCER	SR64/SR65	VE

HARDWARE GROUP 02 – INTERIOR DOOR – SECURE

QTY	DESCRIPTION	CATALOG NUMBER	MFR
3 EA	HINGE	5BB1 NRP	IVE
1 EA	STOREROOM LOCK	ND80TD ATH	SCH
1 EA	FSIC CORE	PERM CORE	SCH
1 EA	STOP	WS407/FS436	IVE
3 EA	SILENCER	SR64/SR65	VE

HARDWARE GROUP 03 – INTERIOR DOUBLE (PAIR)

QTY	DESCRIPTION	CATALOG NUMBER	MFR
6 EA	HINGE	5BB1 NRP	IVE
2 EA	SINGLE DUMMY SET	F170 JAZ	SCH
2 EA	ROLLER CATCH	335	IVE
2 EA	HINGE DOOR STOP	69F	VE

HARDWARE GROUP 04 – TOILET DOOR

QTY	DESCRIPTION	CATALOG NUMBER	MFR
3 EA	HINGE	5BB1	IVE
1 EA	PRIVACY LOCK	L9040 07A 09-544 L283-722	SCH
1 EA	SURFACE CLOSER	4011 DEL/ 4111	LCN
1 EA	STOP	WS407/FS436	IVE
1 EA	GASKETING	488S8K PSA	ZER

HARDWARE GROUP 05 – EXTERIOR DOOR

QTY	DESCRIPTION	CATALOG NUMBER	MFR
3 EA	HINGE	BY DOOR SUPPLIER	BDS
1 EA	STOREROOM LOCK	BY DOOR SUPPLIER	BDS
1 EA	RIM OR MORTISE CYL	BY DOOR SUPPLIER	BDS
1 EA	FSIC CORE	BY DOOR SUPPLIER	BDS
1 EA	SURFACE CLOSER	4111 CUSH	LCN
1 EA	AUTO DOOR BOTTOM	360AA-Z49	ZER
1 EA	THRESHOLD	65A-223	ZER

MANUFACTURER LIST (ABBREVIATIONS)

BSD	BY DOOR SUPPLIER
IVES	IVE
FALCON	FAL
LCN	LCN
ZERO	ZER
GLYNN JONSON	GLY
AB	ABH MANUFACTURING INC.
ST	STANLEY
TR	TRIMCO

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SPECIFICATIONS + NOTES

CODE REVIEW

Prepared 01/02/2024

APPLICABLE CODES:
- 2024 Ohio Building Code (OBC)
- 2019 Residential Code of Ohio
- 2024 Ohio Mechanical Code (OMC)
- 2024 Ohio Plumbing Code (OPC)
- 2023 National Electrical Code (NEC)
- 2017 Ohio Accessible Code
- 2019 Ohio Commercial Energy Code

ZONING DESIGNATION:
ZONING DISTRICT NC NEIGHBORHOOD COMMERCIAL

BUILDING SUMMARY:
RENOVATION + ADDITION TO AN EXISTING SINGLE-STORY (W/ BASEMENT) FIRE STATION TO BE A SEPARATED MIXED USE OCCUPANCIES OF B-BUSINESS, WITH A R2 SINGLE DWELLING IN A SECOND STORY ADDITION. THIS PROPOSED AREA OF RENOVATION AND ADDITION IS SEPARATED FROM THE ONE STORY EXISTING GARAGE SPACES (S1) WITH A (2) HR FIRE WALL.

OCCUPANCY CLASSIFICATIONS:
NON-SEPARATED OCCUPANCIES:
B BUSINESS (OBC 304)
R2 RESIDENTIAL / SINGLE DWELLING UNIT (OBC 310.3)
SEPARATED FROM:
S1 MODERATE-HAZARD STORAGE GROUP (OBC 311.2)

CONSTRUCTION CLASSIFICATION:
TYPE VB (OBC 602.5)

FIRE SUPPRESSION:
FIRE SUPPRESSION IS NOT PROPOSED OR REQUIRED PER OBC 903.2.8 R-2 EXCEPTIONS.

FIRE SEPARATION:
1 HR FIRE SEPARATED @ RESIDENTIAL DWELLING & SLEEPING UNITS (WALL CONST PER OBC 708)
1 HR SEPARATION BETWEEN DWELLING UNIT (FLOOR CONST. PER OBC 711)

FIRE RESISTANCE REQUIREMENTS:	TYPE VB (OBC TABLE 601)
PRIMARY STRUCTURAL FRAME	0 HR
EXTERIOR BEARING WALLS	0 HR
INTERIOR BEARING WALLS	0 HR
EXTERIOR NON-BEARING WALLS	0 HR
INTERIOR NON-BEARING WALLS	0 HR
FLOOR CONSTRUCTION	0 HR
ROOF CONSTRUCTION	0 HR

GENERAL BUILDING HEIGHT:
MAXIMUM ALLOWABLE HEIGHT: 40' (OBC TABLE 504.3)

ACTUAL BUILDING HEIGHT **23'-7"**

NUMBER OF STORIES:
MAXIMUM NUMBER OF STORIES: **2 (B / R2 TYPE VB NS) (OBC TABLE 504.4) (GOVERNS)**

ACTUAL NUMBER OF STORIES **2 @ PROPOSED CONSTRUCTION** 1 @ EXISTING TO REMAIN

GENERAL BUILDING AREA:

ALLOWABLE BUILDING AREA	OCCUPANCY B	9,000 SF (OBC TABLE 506.2)
	OCCUPANCY R2	**7,000 SF (OBC TABLE 506.2) GOVERNS**
	OCCUPANCY S1	9,000 SF (OBC TABLE 506.2)
ACTUAL BUILDING AREA	OCCUPANCY B	1,292 SF
	OCCUPANCY R2	1,328 SF
	OCCUPANCY S1	3,718 SF
BUILDING AREA TOTAL	**6339.2** < 7,000	

OCCUPANT LOAD: **20 TOTAL**

ALLOWABLE OCCUPANT LOAD	OCCUPANCY B	100 GROSS (OBC TABLE 1004.1.2)
	OCCUPANCY R2	200 GROSS (OBC TABLE 1004.1.2)
CALCULATED OCCUPANT LOAD	OCCUPANCY B	1,292 SF / 100 = 13 OCCUPANTS
	OCCUPANCY R2	1,328 SF / 200 = 07 OCCUPANTS

EGRESS WIDTH:

MINIMUM EGRESS WIDTH	STAIRS	36" (OBC 1011.2 Exception 1) 0.3" PER OCCUPANT (OBC 1005.3.1)
	CORRIDORS	44" (OBC 1020.2) 0.2" PER OCCUPANT (OBC 1005.3.2)
ACTUAL EGRESS WIDTH	STAIRS	36"
	CORRIDORS	48"

MAXIMUM COMMON PATH OF EGRESS TRAVEL

ALLOWABLE DISTANCE	OCCUPANCY B	75' (OBC TABLE 1006.2.1)
	OCCUPANCY R2	75'

MAXIMUM EXIT ACCESS TRAVEL DISTANCE:

ALLOWABLE DISTANCE	OCCUPANCY B	200' (OBC TABLE 1017.2)
	OCCUPANCY R2	200' (OBC TABLE 1017.2)

MAXIMUM DEAD END CORRIDOR:

ALLOWABLE DISTANCE	20' (OBC 1020.4)	

INTERIOR WALL & CEILING FINISH REQUIREMENTS:

OCCUPANCY B	EXIT STAIRS	CLASS A (OBC TABLE 803.11)
	CORRIDORS	CLASS B (OBC TABLE 803.11)
	ROOMS	CLASS C (OBC TABLE 803.11)
OCCUPANCY R2	EXIT STAIRS	CLASS A (OBC TABLE 803.11)
	CORRIDORS	CLASS B (OBC TABLE 803.11)
	ROOMS	CLASS C (OBC TABLE 803.11)

ROOF COVERING CLASSIFICATION:
CLASS C MINIMUM (OBC TABLE 1505.1)

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (OBC TABLE 2902.1):

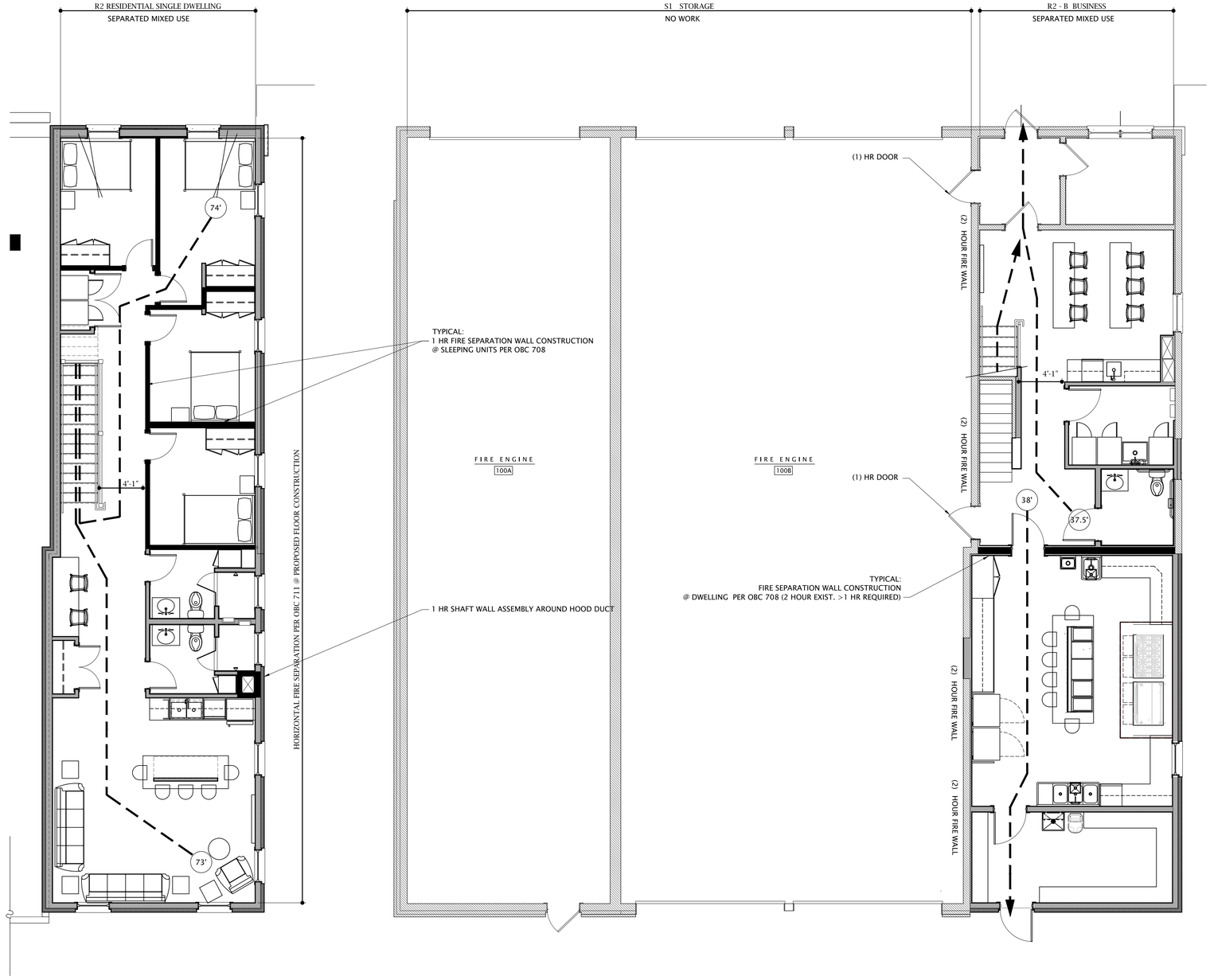
		REQUIRED	
OCCUPANCY B	WATER CLOSETS	1 PER 50	13 / 50 = 0.26
(13 OCCUPANTS)	LAVATORIES	1 PER 80	13 / 80 = 0.16
	DRINKING FOUNTAIN	1 PER 100	13 / 100 = 0.13
OCCUPANCY R2	WATER CLOSETS	1 PER 10	1
(07 OCCUPANTS)	LAVATORIES	1 PER 10	1
	BATHTUBS / SHOWERS	1 PER 08	1

		REQUIRED	PROVIDED
BUILDING TOTALS	WATER CLOSETS	1.26	**2 + 1 UNISEX**
	LAVATORIES	1.16	**2 + 1 UNISEX**
	SHOWERS	1.00	**2**
	DRINKING FOUNTAIN	0.13	**0** [a]

[a] DRINKING WATER TO BE PROVIDED AT "BREAK" [103].

LIFE SAFETY LEGEND

- (LS1) FIRE EXTINGUISHER WALL MOUNT – ABC DRY CHEMICAL UL RATING 4A:80B:C 10 LB FIRE EXTINGUISHER, SURFACE MOUNTED W/ TOP MAX 5' ABOVE FINISH FLOOR – MAX. 75' TRAVEL DISTANCE. VERIFY FINAL LOCATION WITH AUTHORITY HAVING JURISDICTION
- (LS2) FIRE EXTINGUISHER WALL MOUNT – K CLASS, VERIFY FINAL LOCATION WITH AUTHORITY HAVING JURISDICTION
- (LS3) TACTILE RESTROOM SIGNAGE – MOUNT PER CS.4
- (LS4) TACTILE EXIT SIGNAGE – MOUNT PER CS.4
- (MAX / MIN) WIDTH OF OPENING
- (XX) DISTANCE TO EXIT ALONG DESCRIBED PATH



02 SECOND FLOOR LIFE SAFETY + OCCUPANCY PLAN
SCALE: 1/8" - 1'-0"

01 FIRST FLOOR LIFE SAFETY + OCCUPANCY PLAN
SCALE: 1/8" - 1'-0"

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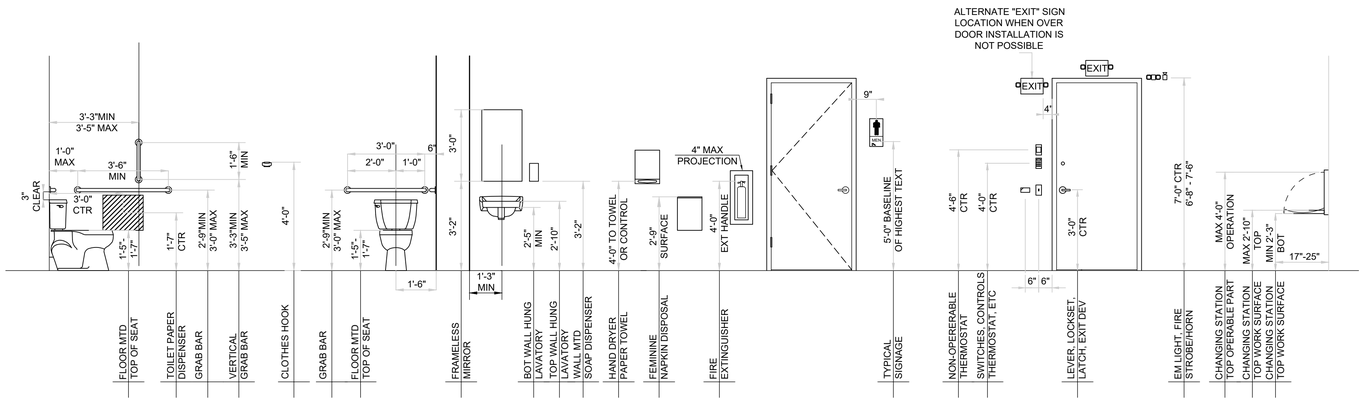
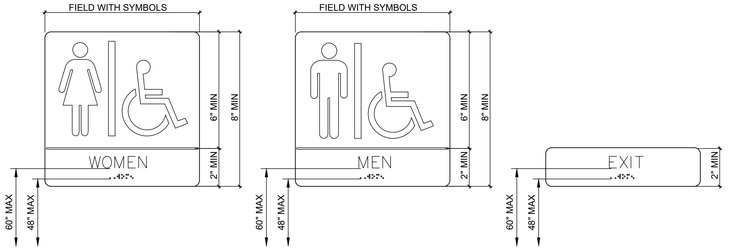
LIFE SAFETY +
OCCUPANCY PLANS



04 TYPICAL MOUNTING HEIGHTS AND DETAILS

SCALE: NTS



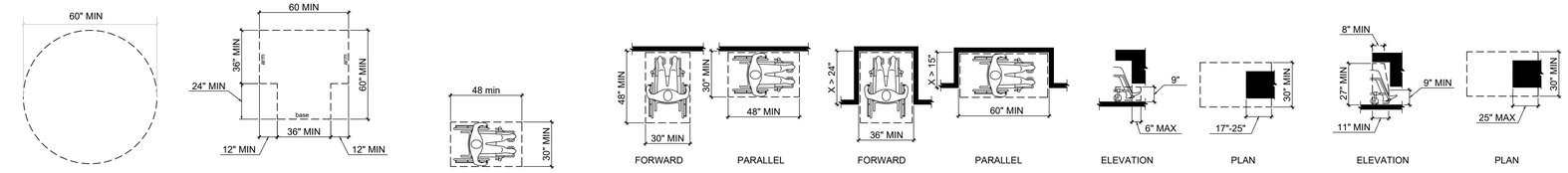
NOTES:

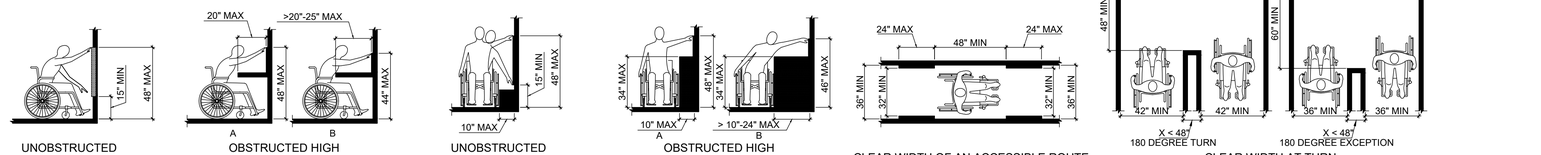
1. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED, CONTRASTING IN COLOR AND HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10, AND RAISED $\frac{1}{32}$" MIN, AND BE ACCOMPANIED BY BRAILLE
2. MAIN TEXT TO BE $\frac{5}{8}$" HIGH, HELVETICA MEDIUM UPPERCASE LETTERS, WHITE
3. BRAILLE TO BE GRADE 2, COLOR TO BE WHITE, MIN 48" ABOVE FINISH FLOOR MEASURED FROM BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAX ABOVE FINISH FLOOR MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS
4. CHARACTERS, SYMBOLS AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH, CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND
5. SIGN TO BE INSTALLED ON LATCH SIDE OF DOOR, CENTER TACTILE CHARACTERS IN MIN 18" X 18" CLEAR FLOOR SPACE

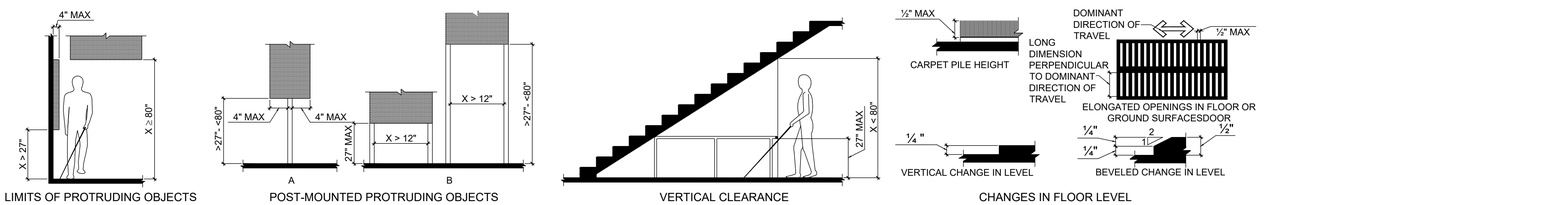
03 TACTILE RESTROOM AND EXIT IDENTIFICATION SIGNAGE

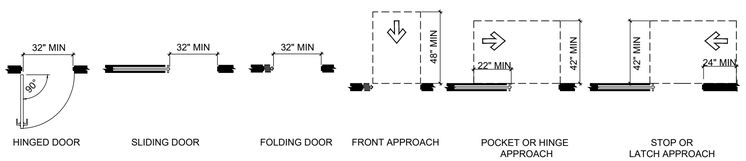
SCALE: NTS

MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS









02 TYPICAL DOOR CLEARANCES

SCALE: NTS

01 TYPICAL ACCESSIBLE DETAILS

SCALE: NTS

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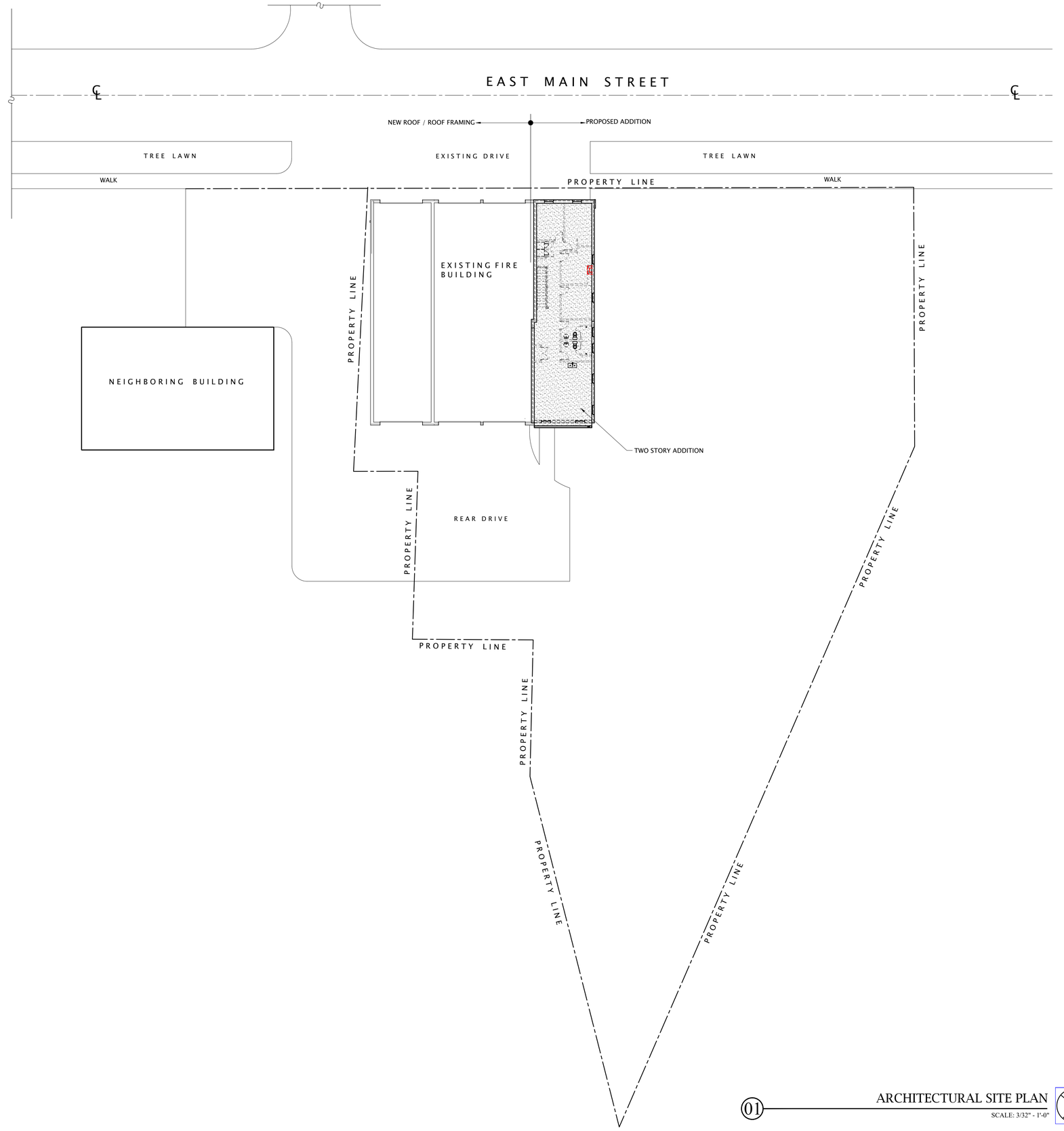
TYP. ACCESSIBLE DETAILS
MOUNTING HTS., SIGNAGE



01 ARCHITECTURAL SITE PLAN
SCALE: 3/32" - 1'-0"

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ARCHITECTURAL SITE PLAN

DEMOLITION GENERAL NOTES

THE CONTRACTOR SHALL MAINTAIN THE SITE, INTERIOR AND EXTERIOR, IN A SAFE, CLEAN, AND ORDERLY MANNER AT ALL TIMES. THE CONTRACTOR SHALL MAKE PROVISIONS FOR DISPOSAL OF ALL CONSTRUCTION DEBRIS IN A MANNER CONSISTENT WITH ALL LANDLORD, LOCAL, STATE, AND FEDERAL REGULATIONS. THE SITE SHALL BE POLICED DAILY, KEPT CLEAN OF DEMOLITION DEBRIS, AND NEW CONSTRUCTION MATERIAL STORED IN AN ORDERLY MANNER.

CONTRACTOR SHALL IDENTIFY THE LOCATION OF ALL UTILITIES RELATED TO THIS PROJECT PRIOR TO COMMENCING WORK. IF ANY EXISTING SERVICES ARE LOCATED WHICH POSE A CONFLICT WITH THE SCOPE OF WORK THEN NOTIFY ARCHITECT IMMEDIATELY.

IF ANY BUILDING SERVICES ARE TO BE DISRUPTED FOR ANY REASON, PROPER NOTICE SHALL BE GIVEN TO THE BUILDING OWNER AND MANAGEMENT PRIOR TO DISCONNECTION OR MODIFICATION.

WALLS INDICATED FOR DEMOLITION SHALL BE REMOVED COMPLETELY, INCLUDING ALL ASSOCIATED ELECTRICAL, PLUMBING, MECHANICAL AND OTHER ELEMENTS OF CONSTRUCTION ASSOCIATED WITH THE WALLS INDICATED. TERMINATE ALL SERVICES IN A SAFE CONDITION ABOVE LINE OF CEILING OR BELOW LINE OF FLOOR.

IF STRUCTURAL ELEMENTS ARE ENCOUNTERED DURING DEMOLITION, ARCHITECT SHALL BE CONTACTED IMMEDIATELY.

WHERE NEW FINISHES ARE SPECIFIED ON FINISH PLAN, CONTRACTOR SHALL REMOVE ALL EXISTING FINISHES. CONTRACTOR SHALL PATCH AND REPAIR WALLS AND FLOOR AND PREPARE THEM TO ACCEPT NEW SCHEDULED FINISH PER MANUFACTURER'S INSTRUCTIONS.

THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATERTIGHT CONDITION AT ALL TIMES.

CARE SHALL BE TAKEN TO PROTECT AND PRESERVE ALL SERVICES, UTILITIES AND EXISTING CONSTRUCTION WHICH ARE TO REMAIN AS EXISTING.

IF MATERIALS CONTAINING ASBESTOS, OR SUSPECTED OF CONTAINING ASBESTOS, ARE ENCOUNTERED DURING DEMOLITION OR CONSTRUCTION, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.

AFTER DEMOLITION IS COMPLETE FLOOR SURFACES SHALL BE LEVELED AND FILLED AS NECESSARY TO CREATE A CONTINUOUS AND LEVEL FLOOR SURFACE PROPERLY PREPARED FOR THE INSTALLATION OF SCHEDULED FLOOR FINISH MATERIALS AS PER MANUFACTURER'S RECOMMENDATION.

TYPICAL

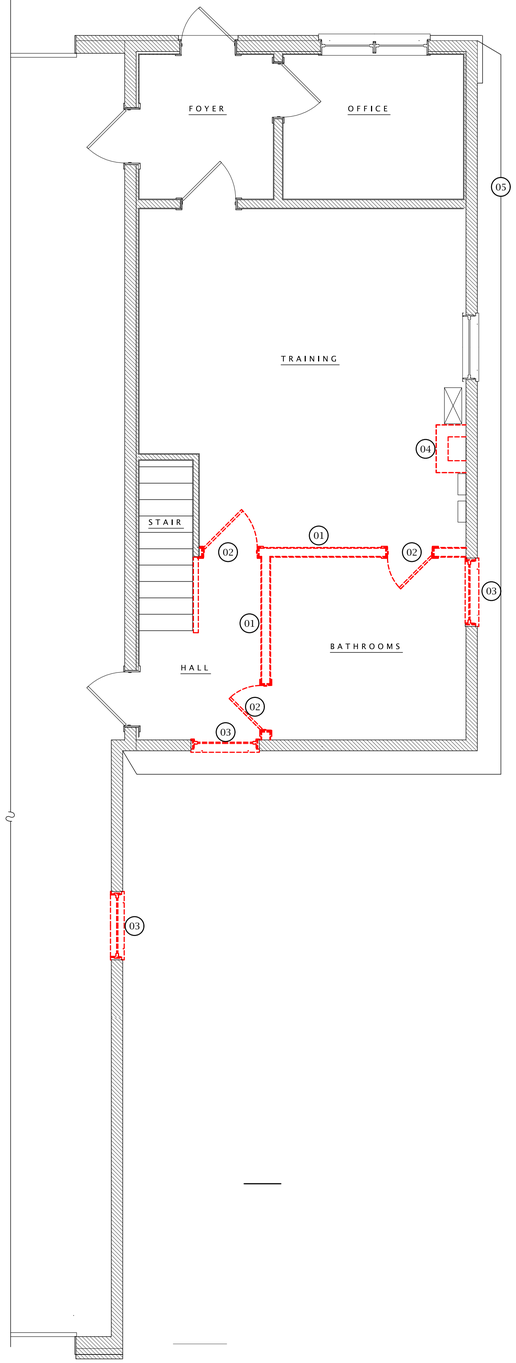
"REMOVE" INDICATES COMPLETE DEMOLITION, REMOVAL AND DISPOSAL OF ALL CONCERNED ITEMS OFF SITE TYPICAL ITEMS TO BE "REMOVED" ALL ADDED WALLS, CEILINGS, SECONDARY FLOOR COVERINGS, LIGHTING, PLUMBING, ELECTRICAL, MECHANICAL, FREE STANDING UNITS, FURNITURE, AND TRASH ETC. NOT SPECIFICALLY NOTED TO REMAIN

"TO REMAIN" INDICATES ANY ITEMS NOT TO BE ALTERED DEMOLISHED OR REMOVED. THESE ITEMS ARE TO BE CAREFULLY LEFT INTACT, IN THEIR ORIGINAL POSITION AND PROTECTED THROUGHOUT THE DEMOLITION / CONSTRUCTION PROCESS

"REMOVE AND SAVE" INDICATES ANY ITEMS THAT WILL BE SAVED FOR REUSE ELSEWHERE IN THE PROJECT. ITEMS SHOULD BE CAREFULLY REMOVED AND STORED. THE ITEMS SHOULD BE STORED IN THEIR ORIGINAL STATE AND PROTECTED FROM THEFT AND DAMAGE.

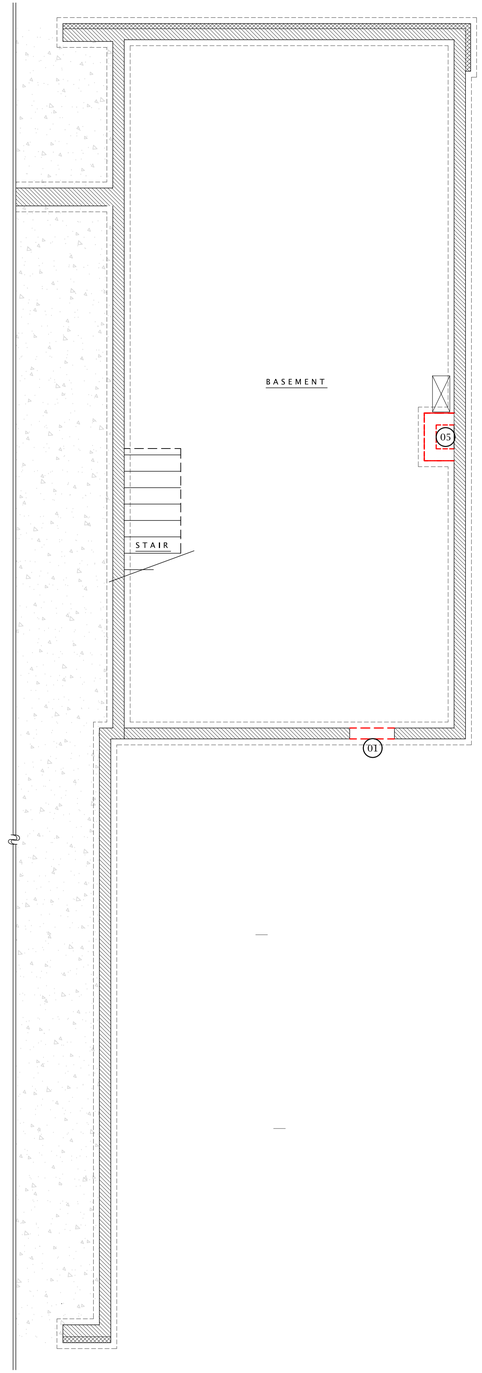
DEMOLITION LEGEND

- 01 REMOVE WALL
- 02 REMOVE DOOR
- 03 REMOVE WINDOW
- 04 REMOVE CHIMNEY
- 05 REMOVE PARAPET WALL
- 06
- 07
- 08
- 09
- 10
- 11
- 12
- 13



02 FIRST FLOOR DEMOLITION PLAN

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



01 BASEMENT DEMO. PLAN

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

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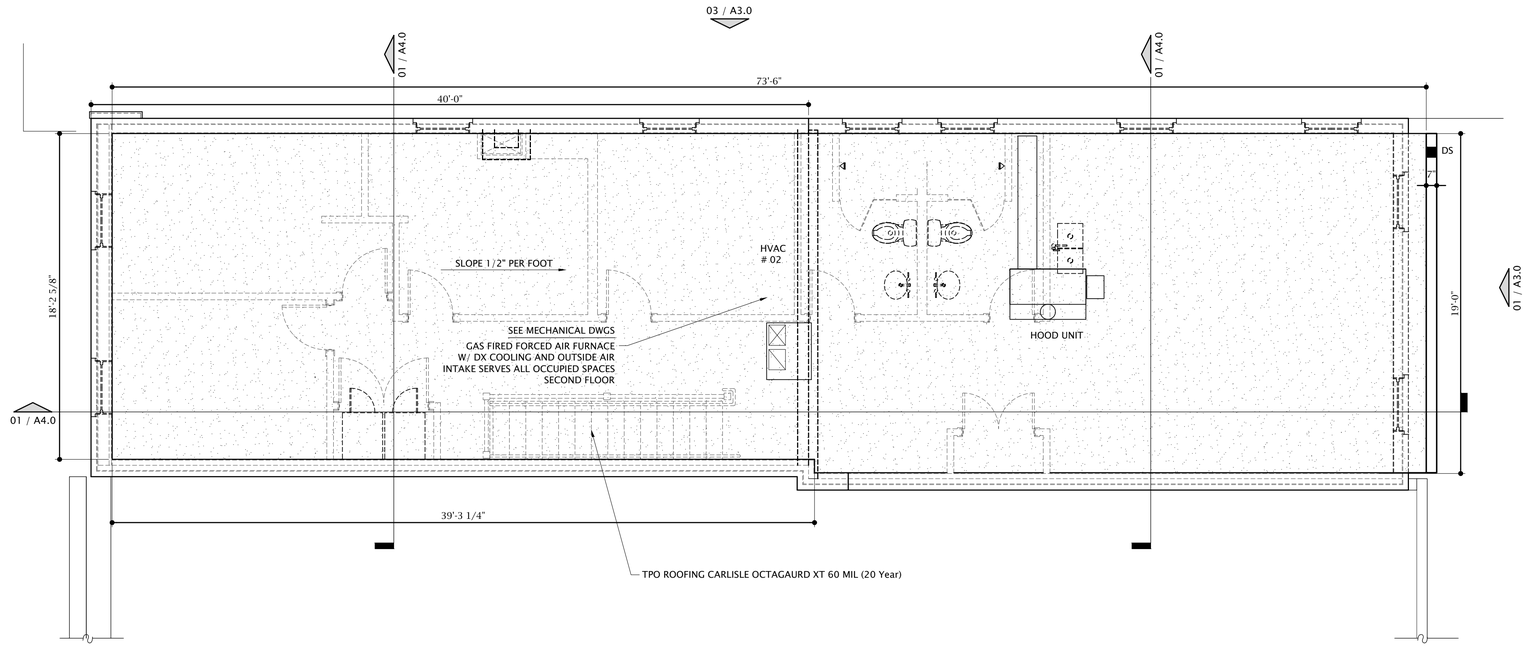
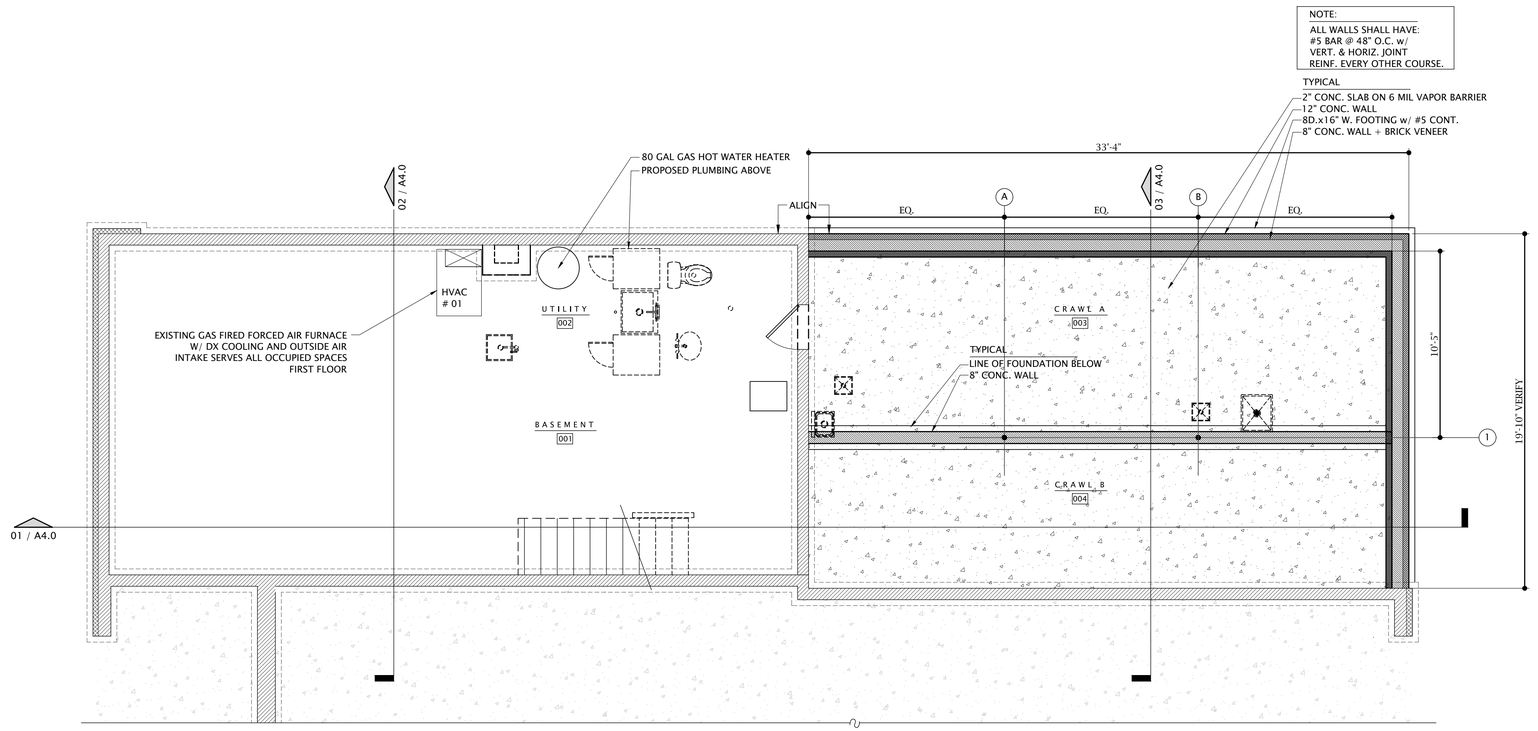
DEMOLITION PLANS



02 ROOF PLAN

SCALE: 1/4 - 1'-0"



01 FOUNDATION + BASEMENT PLAN

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

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BASEMENT PLAN

LIGHTING LEGEND

- A — 5" RECESSED LED
  JUNO OR HALO LED WHITE
  LAMP LED 2700K
- B — 5" RECESSED LED WALL WASH
  JUNO GIMBLE 40 DEGREE FLOOD
  LAMP LED 2700K
- C — 5" RECESSED LED WET LOCATION
  JUNO OR HALO LED WHITE
  LAMP LED 2700K
- D — 2" RECESSED LED
  JUNO OR HALO LED WHITE
  LAMP LED 2700K
- E — LED SURFACE MTD.
  BY OWNER 102,103,106
  LAMP: LED 2700K
- F — LED SURFACE MTD.
  BY OWNER 107,200
  LAMP: LED 2700K
- G — LED SURFACE MTD.
  BY OWNER 207,208
  LAMP: LED 2700K
- H — LED SURFACE MTD.
  BY OWNER 108
  LAMP: LED 2700K
- I — LED PENDANT
  BY OWNER OPEN
  LAMP: LED 2700K
- J — LED SCONCE
  BY OWNER 208,209
  LAMP: LED 2700K
- K — LED SCONCE
  BY OWNER 108
  LAMP: LED 2700K
- L — LED EXT SCONCE
  BY OWNER 110
  LAMP: LED 2700K
- M — LED EXTERIOR SCONCE
  BY OWNER OPEN
  LAMP: LED 2700K
- N — LED 8'-0" FOOD SAFE
  BY OWNER 109
  LAMP: LED 2700K
- O — LED 1"x 48" UTILITY LIGHT
  BY OWNER 003
  LAMP: LED 2700K
- LED PUCK
- P — G-SQUARE FAN

GENERAL NOTES

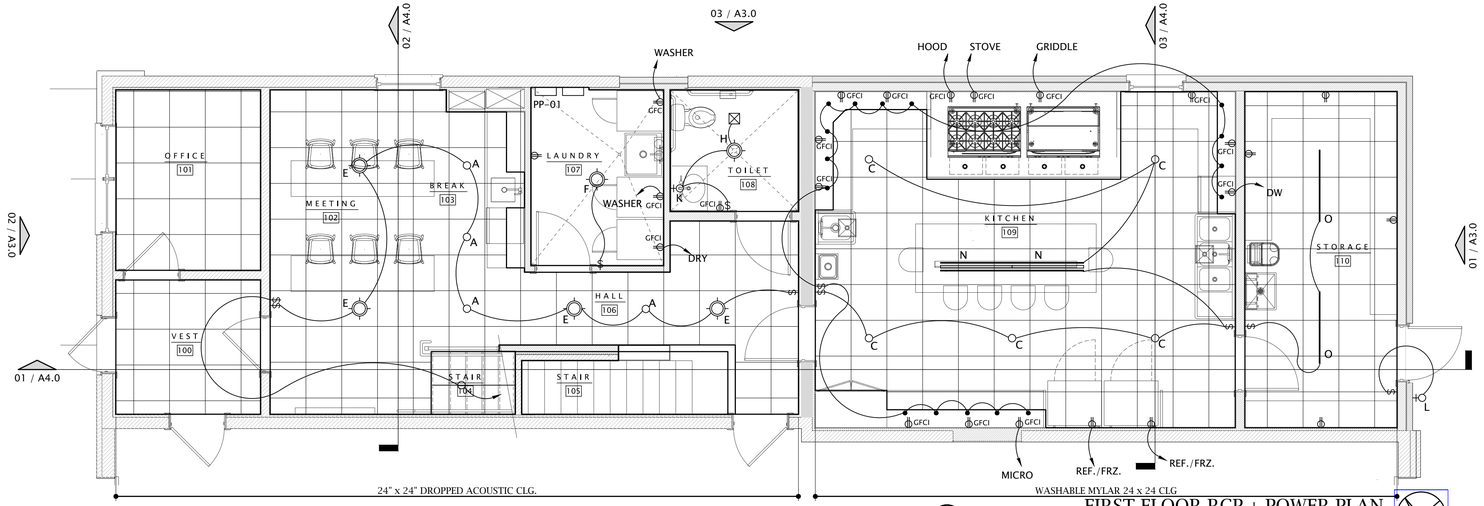
1. ALL DEVICES SHALL BE FLUSH
   EC SHALL COORDINATE WALL TYPES WITH ARCHITECTURAL DRAWINGS.
2. EC SHALL COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
3. EC SHALL COORDINATE LOCATIONS OF RECEPTACLES AND OTHER WALL MOUNTED DEVICES WITH OWNER
4. ALL BRANCH CIRCUITS AND FEEDERS SHALL CONTAIN AN INSULATED GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE
5. THE ELECTRICAL WIRING, CONNECTION AND PROTECTION REQUIREMENTS FOR OWNER FURNISHED EQUIP. SHALL BE VERIFIED IN THE FIELD WITH THE OWNER, AND WITH THE NAMEPLATE DATA. CONTRACTOR SHALL FURNISH THE PROPER NEMA RECEPTACLE CONFIGURATIONS, DISCONNECTS, CONNECTIONS, AND BRANCH CIRCUIT WIRING IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS AND FURNISHED WIRING DIAGRAMS.
6. ALL WIRE SIZE SHALL BE #12 THHN UNLES OTHERWISE NOTED ON POWER PLAN
7. ALL 120-VOLT, SINGLE-PHASE, 15- AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIM. ROOMS MUST BE AFCI PROTECTED W/ DEDICATED NEUTRALS
8. ALL CIRCUITS SHALL ORIGINATE FROM EXISTING POWER PANEL
9. NEW/REPLACEMENT RECEPTACLES ARE TAMPER-RESISTANT [NEC 406.4(D)(5) & 406.12]

CODED NOTES

(01) EXTERIOR RECEPTACLE OUTLET SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER (GFCI) PROTECTION [NEC 210.8(A)(3)] IS TYPE WR (WEATHER RESISTANT) AND IN AN ENCLOSURE WHICH IS WEATHERPROOF WHETHER A PLUG CAP'S INSERTED OR NOT [NEC 406.9(B)(1)]

SMOKE DETECTOR / SMOKE ALARM LEGEND + NOTES

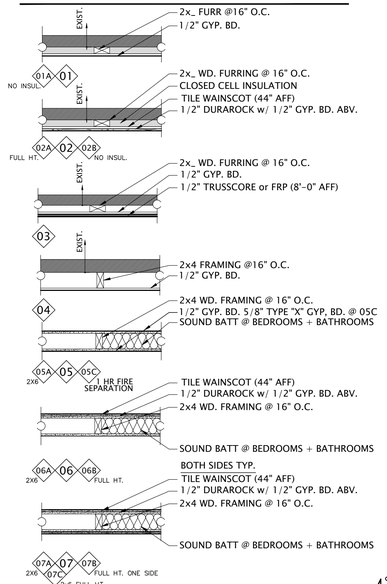
CEILING MTD.MULTIPLE-STATION AUTOMATIC SMOKE ALARM/ MONOXIDE DETECTOR w/ BOTH PHOTOELECTRIC AND IONIZATION TECHNOLOGY.
ALL PROPOSED SMOKE DETECTORS ARE INTERCONNECTED SUCH THAT THE OPERATION OF ONE DETECTOR SHALL CAUSE ALL DETECTORS TO ALARM.
EACH DETECTOR SHALL BE EQUIPPED WITH 120 VAC W/ BATTERY BACK-UP .
EACH DETECTOR SHALL HAVE ALARM SILENCING MEANS.
WIRE TO 120 VOLT LIGHTING CIRCUIT SERVING BEDROOMS WIRE HEAD OF LOCAL LIGHTING CONTROL



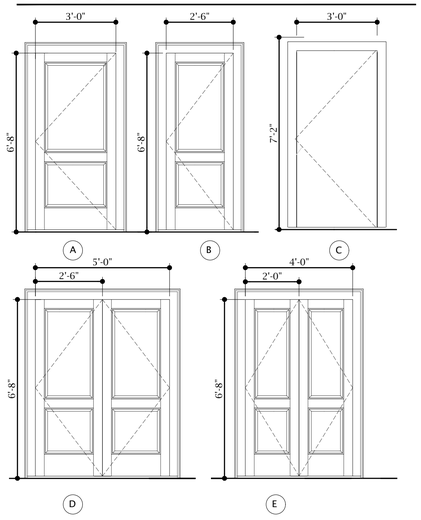
FIRST FLOOR RCP + POWER PLAN

(02) SCALE: 1/4 - 1'-0"

WALL LEGEND



DOOR TYPE

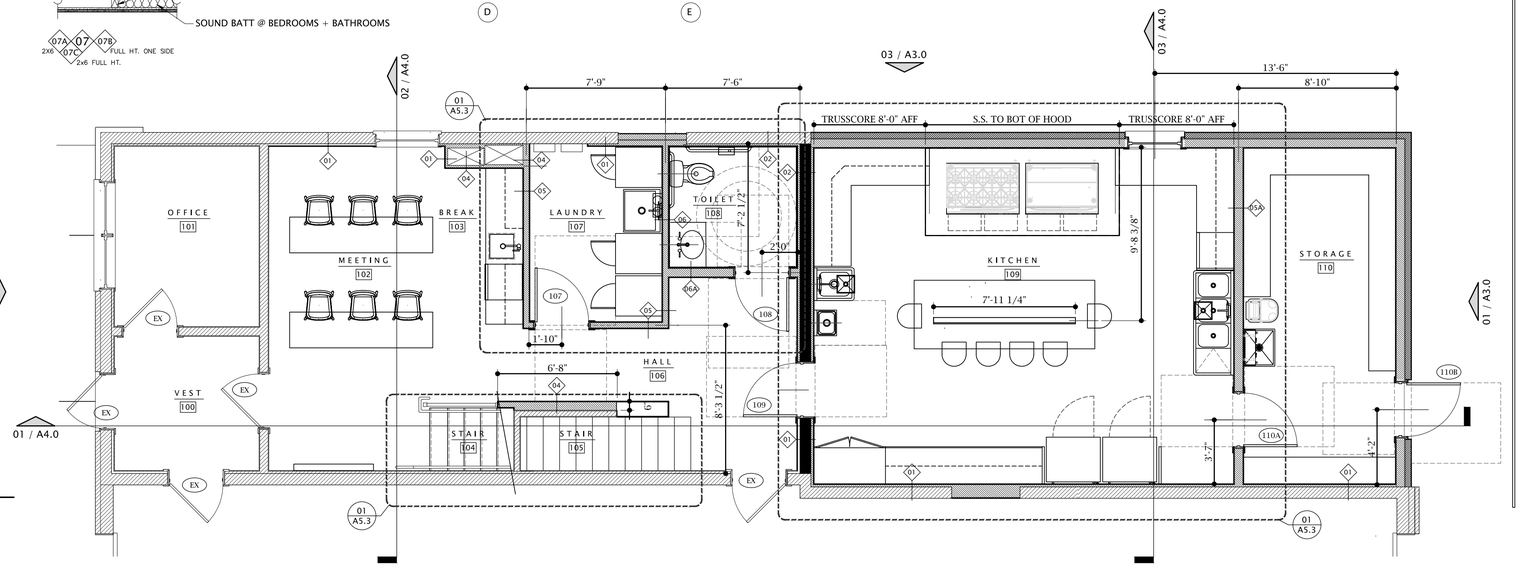


DOOR SCHEDULE

DOOR	ROOM	SIZE	TYPE	MATERIAL	FRAME	GLASS	HARDWARE	NOTES
107	LAUNDRY	3'-0"x 6'-8"	A	WD	WD		SEE A0.1 #01	B&B
108	TOILET	3'-0"x 6'-8"	A	WD	WD		SEE A0.1 #03	B&B
109	KITCHEN	3'-0"x 6'-8"	A	WD	MTL		SEE A0.1 #01	B&B 20 MIN.
110A	STORAGE	3'-0"x 6'-8"	A	WD	WD		SEE A0.1 #01	B&B
110B	STORAGE	3'-0"x 7'-2"	C	STL	STL		SEE A0.1 #05	EGRESS
200	LAUNDRY	(2) 2'-6" x 6'-8"	D	WD	WD		SEE A0.1 #03	B&B
201	BED #01	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
202	BED #02	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
203	BED #03	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
204	BED #04	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
207	BATHROOM	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #04	B&B
208	BAHTROOM	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #04	B&B
209	CLOSET	(2) 2'-0" x 6'-8"	E	WD	WD		SEE A0.1 #03	B&B

DOOR LEGEND

(1) CLASSROOM & DUMMY SET	(5) WALLSTOP	(9) WEATHER STRIPPING	(13) PRIVACY LOCKS
(2) LOCKSET	(6) FLR. STOP	(10) ALARM TO SECURITY SYSTEM	(14) PANIC HARDWARE
(3) POCKET DOOR HARDWARE	(7) KICK PLATE	(11) CORRIDOR LOCKSET	
(4) STORAGE ROOM LOCKSET	(8) PASSAGE SET	(12) COORDINATOR	



FIRST FLOOR PLAN

(01) SCALE: 1/4" - 1'-0"

MATTHEW WOLF ARCHITECT
1814 EAST 40TH SUITE 3B / CLEVELAND OH 44103
MATT@MATTWOLFARCHITECT.COM / 216 235 5381

STATE OF OHIO · REGISTERED ARCHITECT · MATTHEW R. WOLF · ARC-17230

MATTHEW R WOLF
LICENSE #17230
EXP. DATE 12/31/2025

KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

PERMIT	OCT 29 2024
D. DEVELOPMENT	JULY 22 2024
PROJECT #:	2022

A
2.1

FIRST FLOOR PLAN
RCP + POWER PLAN

LIGHTING LEGEND

- A — 5" RECESSED LED
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  LAMP LED 2700K
- B — 5" RECESSED LED WALL WASH
  JUNO GIMBLE 40 DEGREE FLOOD
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- C — 5" RECESSED LED WET LOCATION
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- D — 2" RECESSED LED
  JUNO OR HALO LED WHITE
  LAMP LED 2700K
- E — LED SURFACE MTD.
  BY OWNER 105
  LAMP: LED 2700K
- F — LED SURFACE MTD.
  BY OWNER 200
  LAMP: LED 2700K
- G — LED SURFACE MTD.
  BY OWNER 207,208
  LAMP: LED 2700K
- H — LED SURFACE MTD.
  BY OWNER 108
  LAMP: LED 2700K
- I — LED PENDANT
  BY OWNER OPEN
  LAMP: LED 2700K
- J — LED SCONCE
  BY OWNER 207,208
  LAMP: LED 2700K
- K — LED SCONCE
  BY OWNER 108
  LAMP: LED 2700K
- L — LED EXT SCONCE
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8. ALL CIRCUITS SHALL ORIGINATE FROM EXISTING POWER PANEL

SMOKE DETECTOR / SMOKE ALARM LEGEND + NOTES

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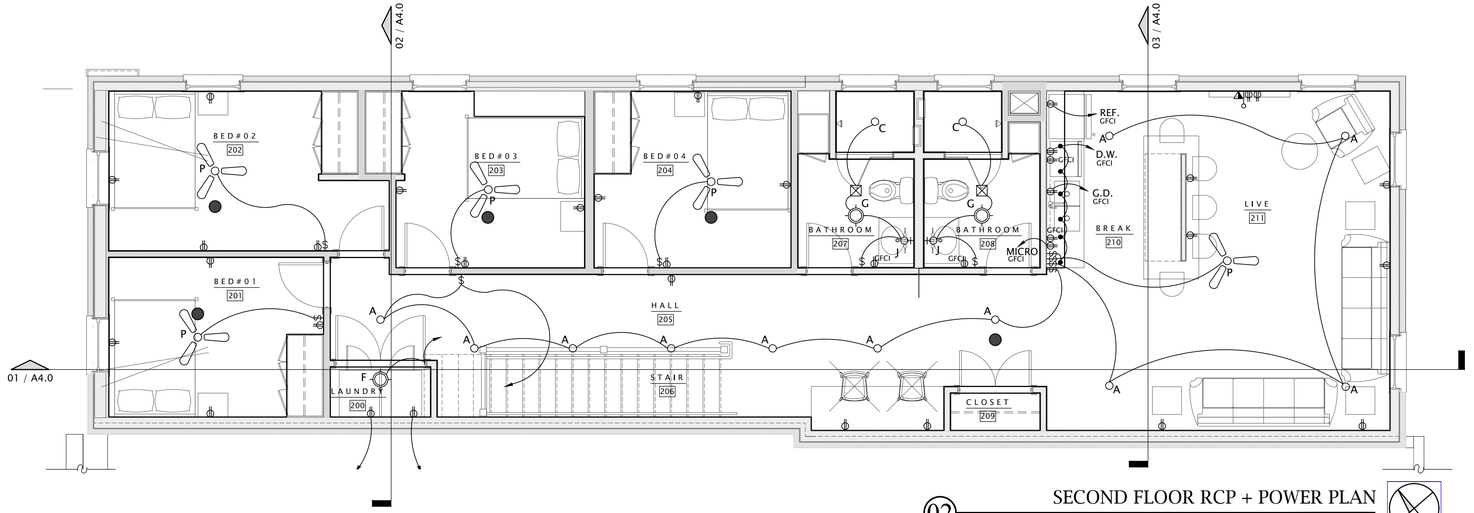
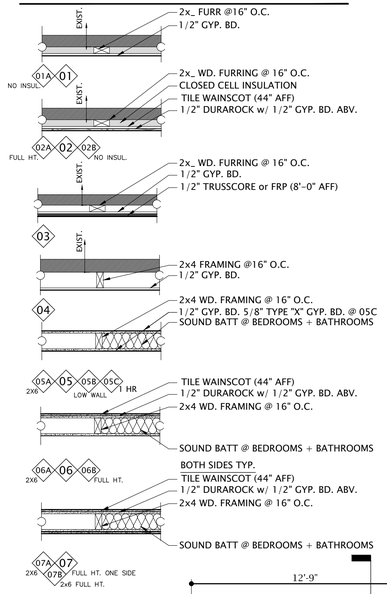
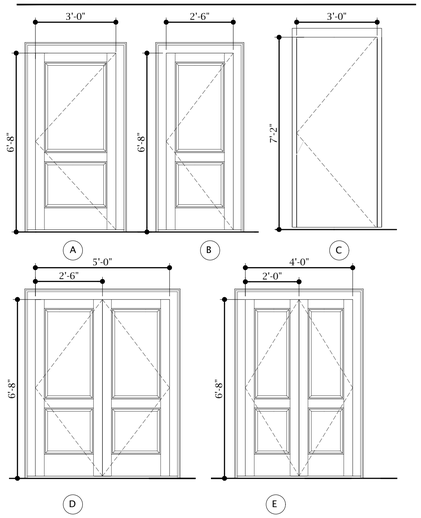


02 SECOND FLOOR RCP + POWER PLAN
SCALE: 1/4 - 1'-0"

WALL LEGEND



DOOR TYPE



DOOR SCHEDULE

DOOR	ROOM	SIZE	TYPE	MATERIAL	FRAME	GLASS	HARDWARE	NOTES
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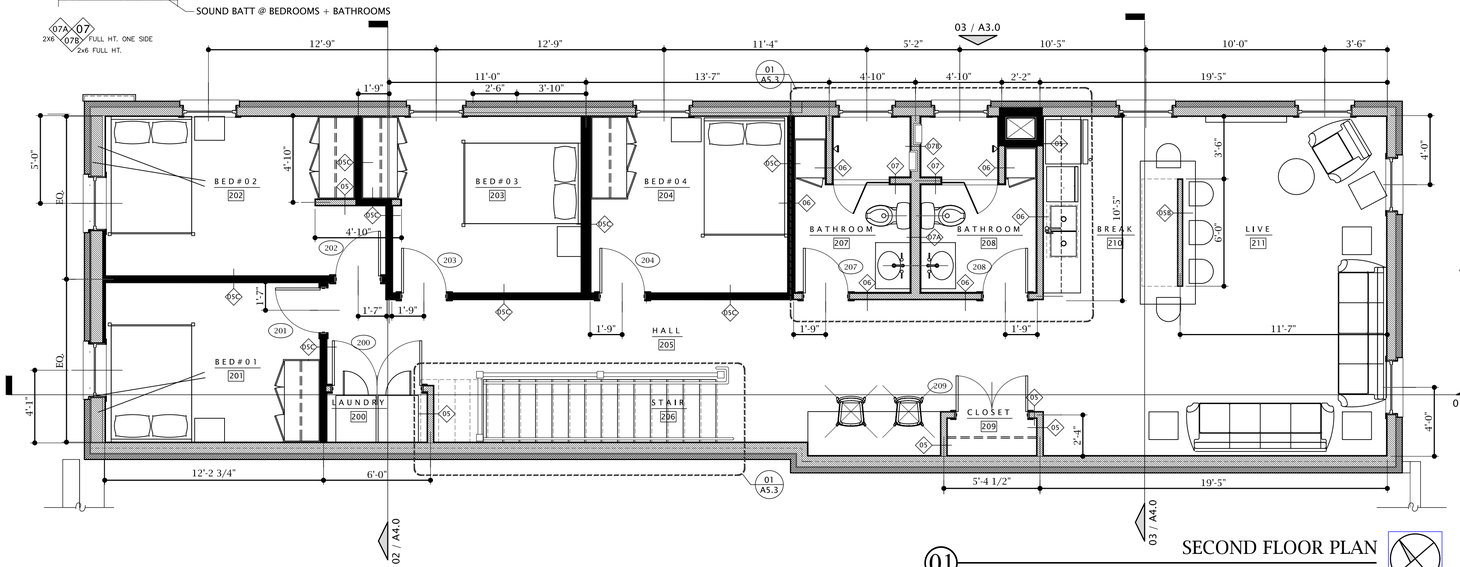
109	KITCHEN	3'-0"x 6'-8"	A	WD	MTL		SEE A0.1 #01	B&B 20 MIN.
110A	STORAGE	3'-0"x 6'-8"	A	WD	WD		SEE A0.1 #01	B&B
110B	STORAGE	3'-0"x 7'-2"	C	STL	STL		SEE A0.1 #05	EGRESS
200	LAUNDRY	(2) 2'-6" x 6'-8"	D	WD	WD		SEE A0.1 #03	B&B
201	BED #01	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
202	BED #02	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
203	BED #03	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
204	BED #04	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #02	B&B 20 MIN.
207	BATHROOM	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #04	B&B
208	BAHTROOM	2'-6" x 6'-8"	B	WD	WD		SEE A0.1 #04	B&B
209	CLOSET	(2) 2'-0" x 6'-8"	E	WD	WD		SEE A0.1 #03	B&B

DOOR LEGEND

1. CLASSROOM & DUMMY SET
2. LOCKSET
3. POCKET DOOR HARDWARE
4. STORAGE ROOM LOCKSET
5. WALLSTOP
6. FLR. STOP
7. KICK PLATE
8. PASSAGE SET
9. WEATHER STRIPPING
10. ALARM TO SECURITY SYSTEM
11. CORRIDOR LOCKSET
12. COORDINATOR
13. PRIVACY LOCKS
14. PANIC HARDWARE



01 SECOND FLOOR PLAN
SCALE: 1/4" - 1'-0"

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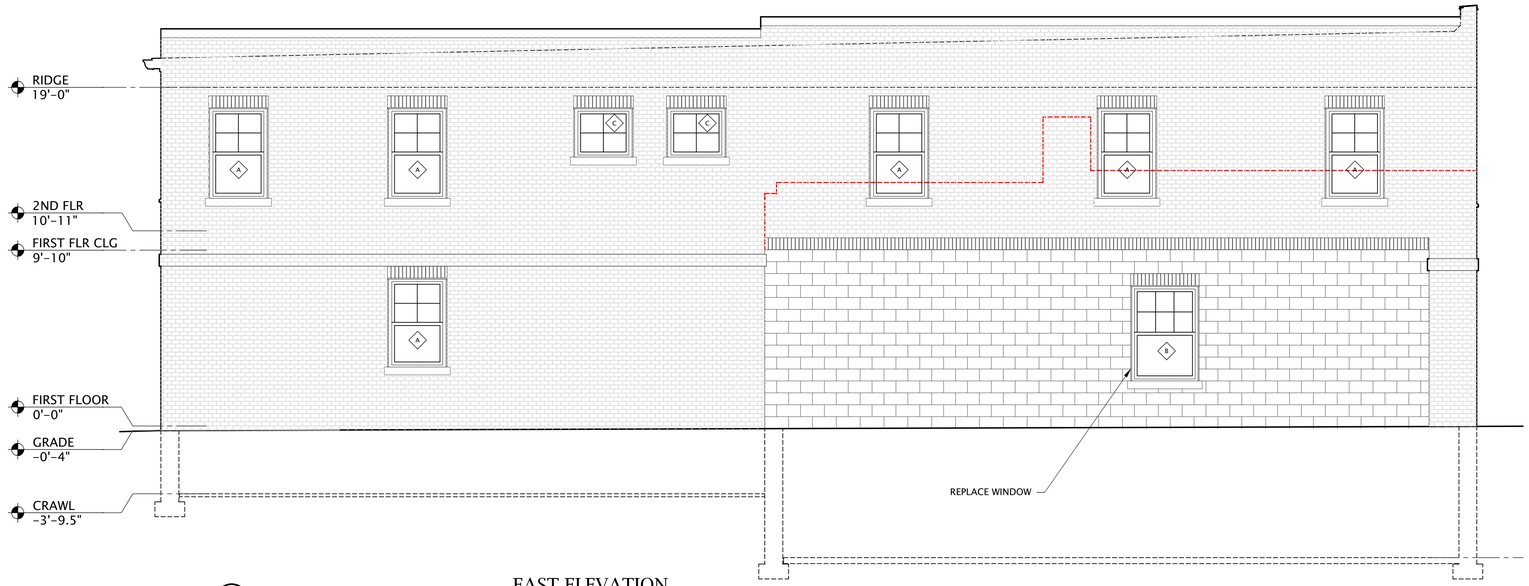
MATTHEW R WOLF
LICENSE #17230
EXP. DATE 12/31/2025

KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

PERMIT	OCT 29 2024
D. DEVELOPMENT	JULY 22 2024
PROJECT #:	2022

A
2.2

SECOND FLOOR PLAN
RCP + POWER PLAN

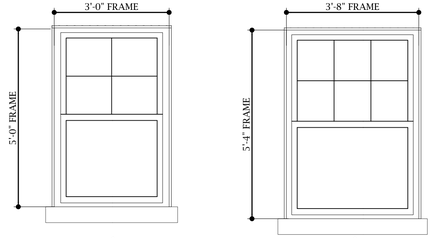


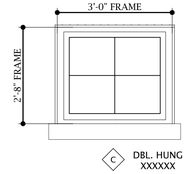
03 EAST ELEVATION

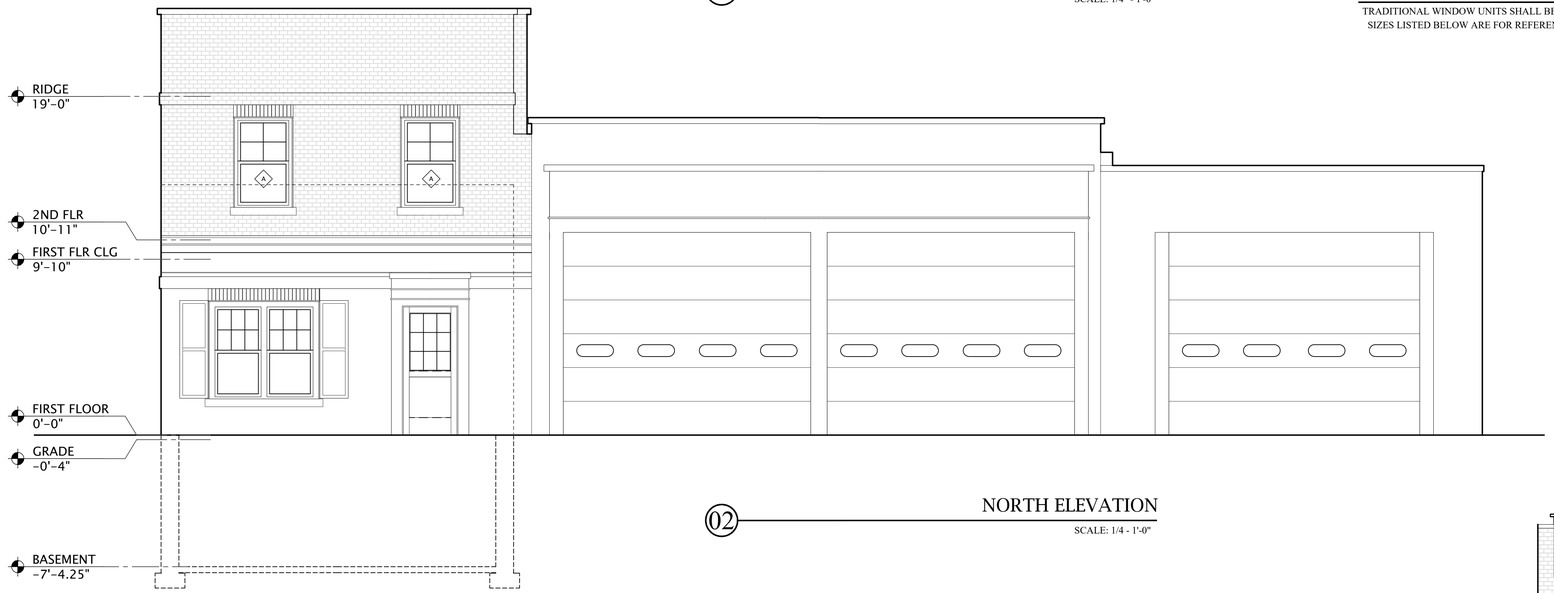
SCALE: 1/4" - 1'-0"

WINDOW LEGEND

TRADITIONAL WINDOW UNITS SHALL BE CLAD SIMULATED DIVIDED LITE MARVIN ULTIMATE COLLECTION BLACK w/ PRIMED INTERIOR
SIZES LISTED BELOW ARE FOR REFERENCE ONLY PLEASE FIELD VERIFY EXIST. ROUGH OPENINGS FOR PROPOSED REPLACEMENT UNITS

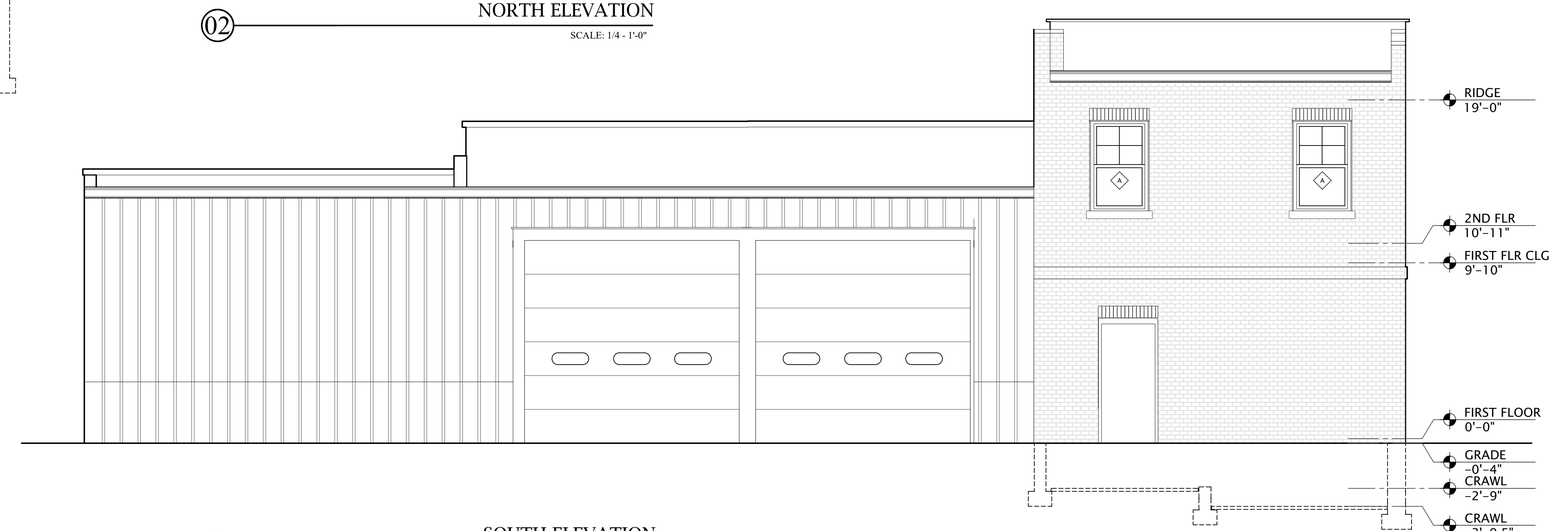






02 NORTH ELEVATION

SCALE: 1/4 - 1'-0"



01 SOUTH ELEVATION

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

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MATTHEW R WOLF
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EXP. DATE 12/31/2025

KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

PERMIT	OCT 29 2024
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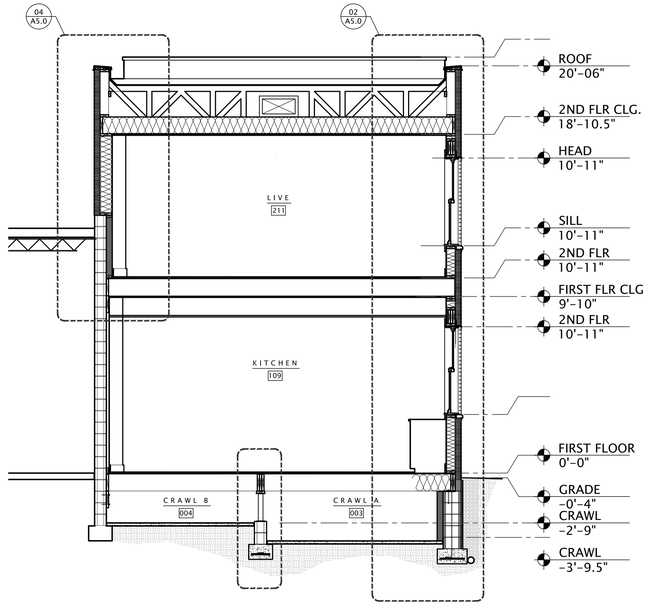
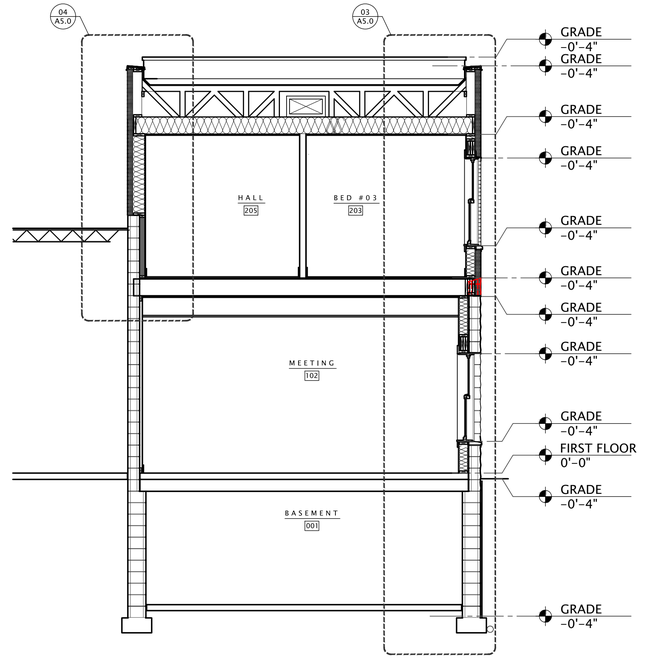
A
3.0

BUILDING ELEVATIONS +
WINDOW SCHEDULE



03 BUILDING SECTION

SCALE: 3/16" - 1'-0"



02 BUILDING SECTION

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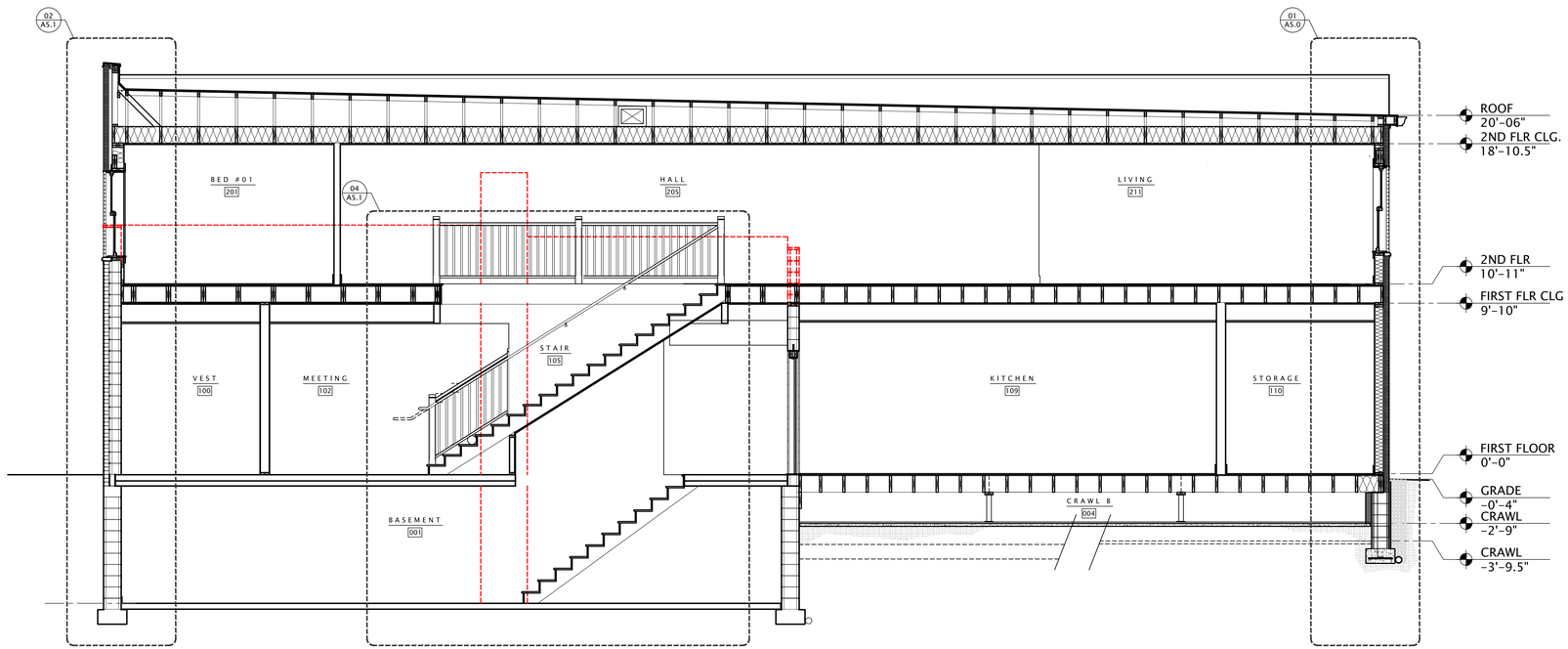

01 BUILDING SECTION

SCALE: 3/16" - 1'-0"

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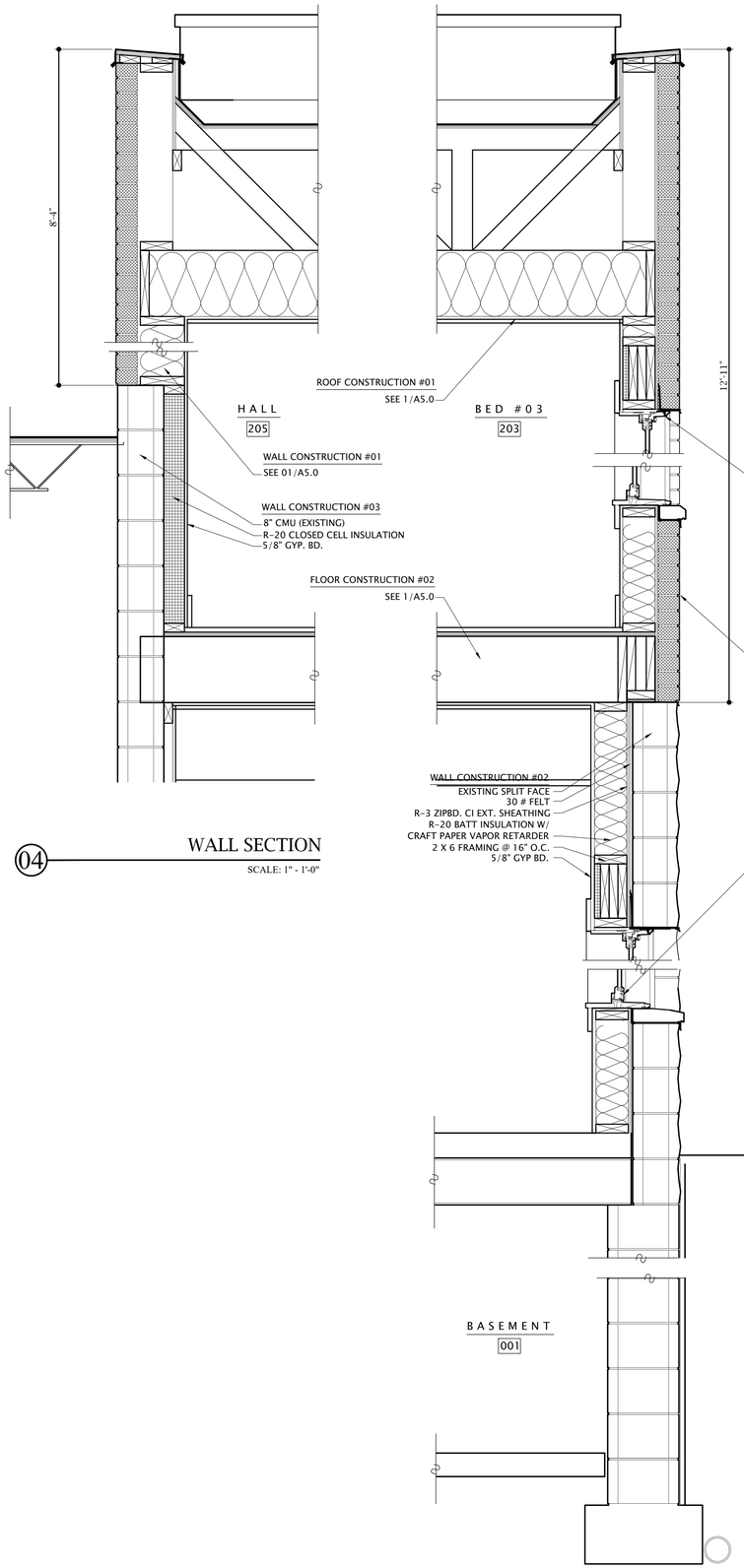
KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

PERMIT	OCT 29 2024
D. DEVELOPMENT	JULY 22 2024
PROJECT #:	2022

A
4.0

BUILDING SECTIONS

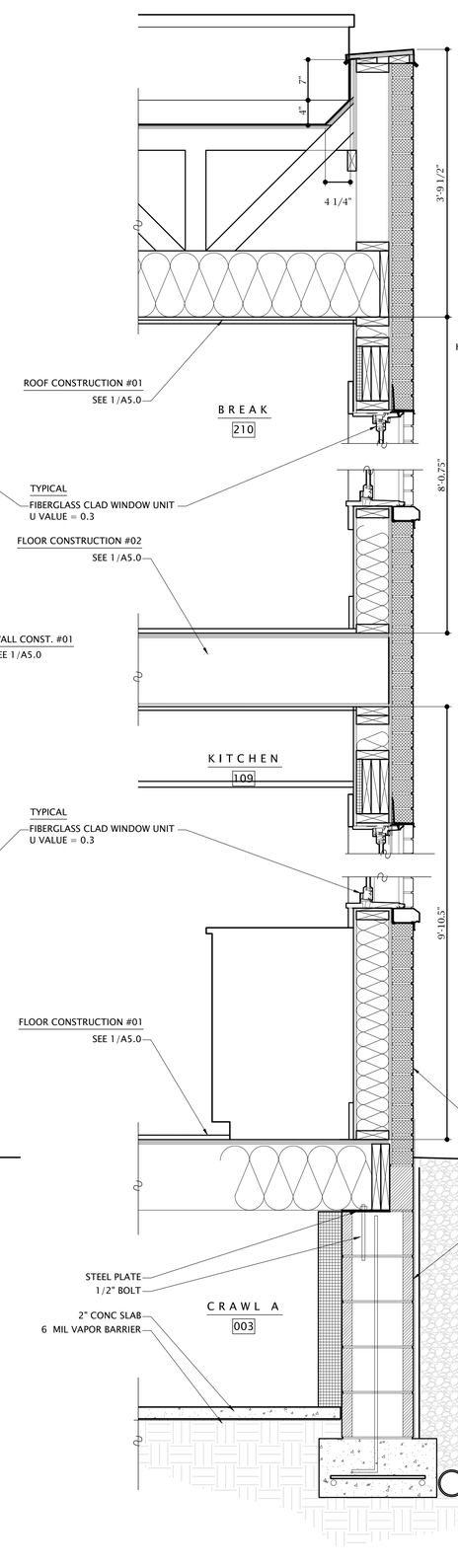


04 WALL SECTION

SCALE: 1" - 1'-0"

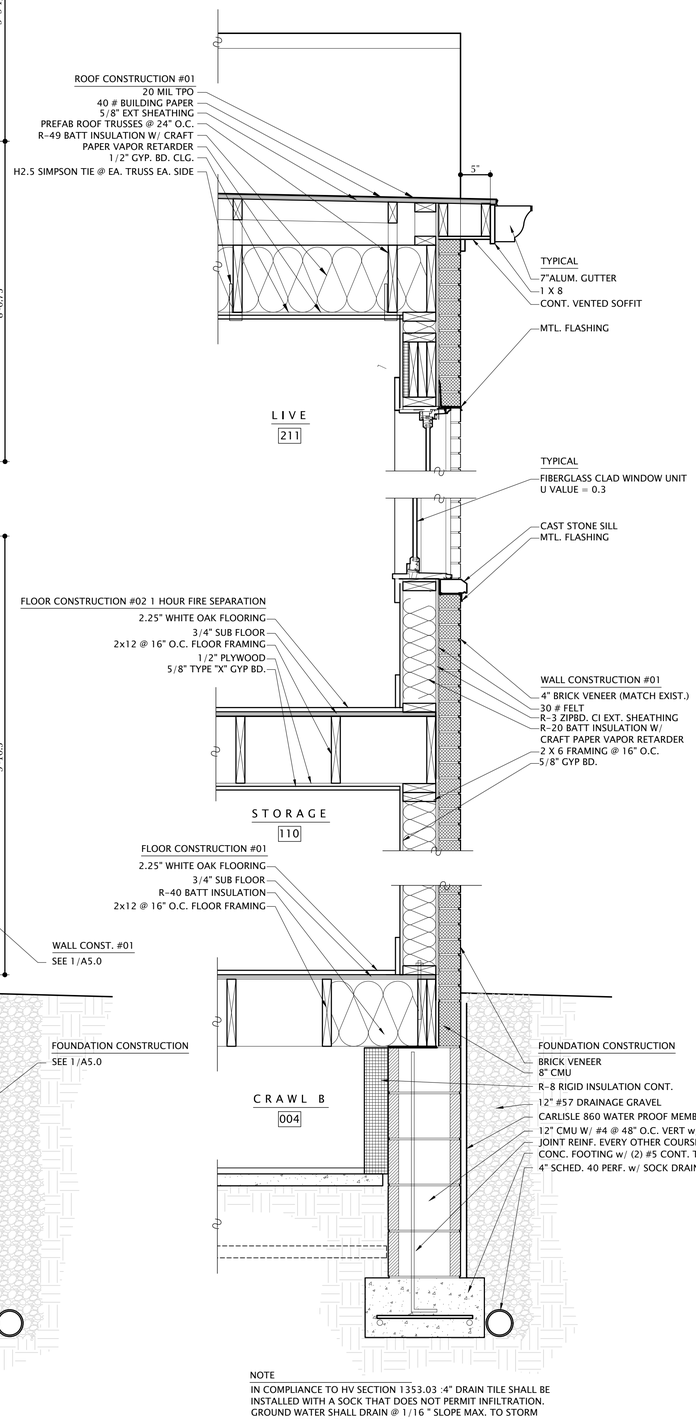
03 WALL SECTION

SCALE: 1" - 1'-0"



02 WALL SECTION

SCALE: 1" - 1'-0"



NOTE

IN COMPLIANCE TO HV SECTION 1353.03 :4" DRAIN TILE SHALL BE INSTALLED WITH A SOCK THAT DOES NOT PERMIT INFILTRATION. GROUND WATER SHALL DRAIN @ 1/16 " SLOPE MAX. TO STORM PIPE AND FRENCH DRAIN SEE A1.0

01 WALL SECTION

SCALE: 1" - 1'-0"

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D. DEVELOPMENT	JULY 22 2024
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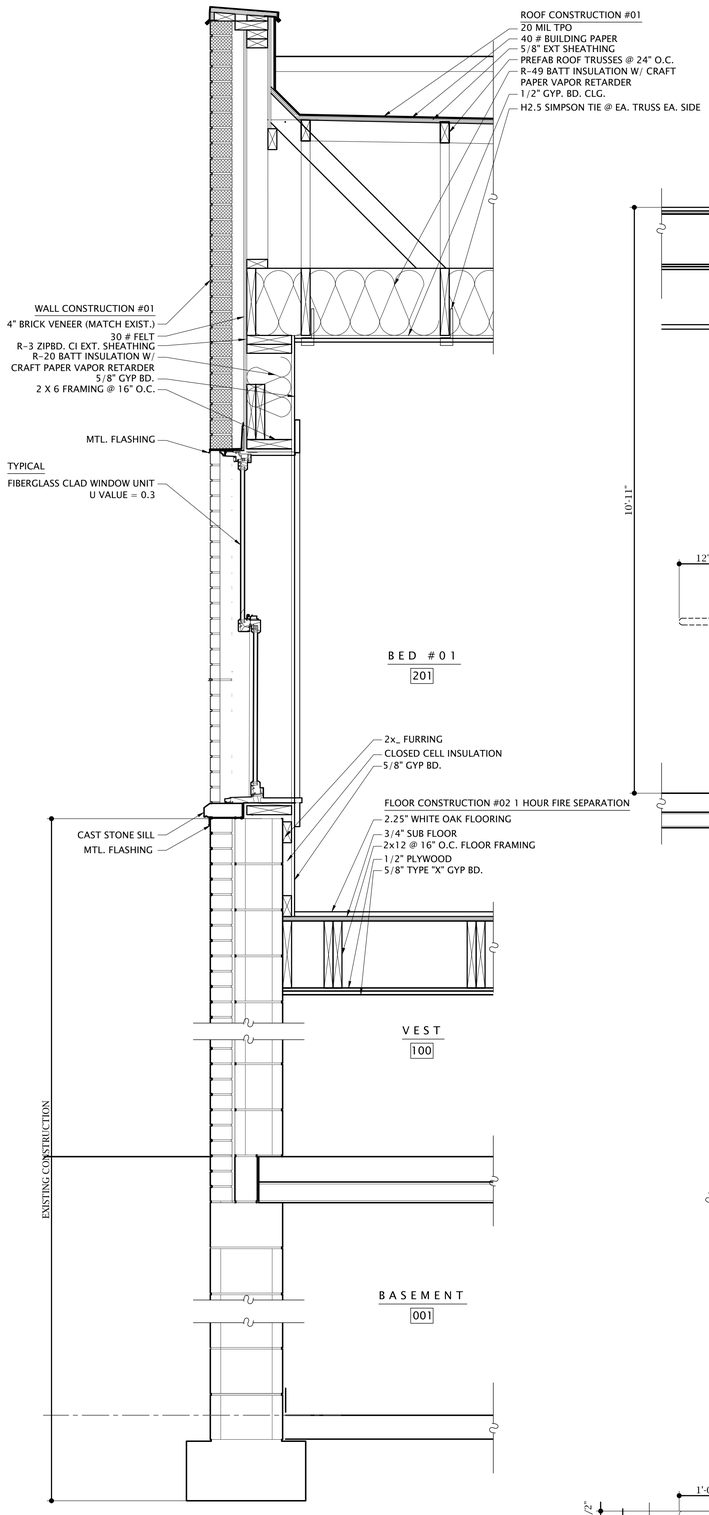
A
5.0

WALL SECTIONS



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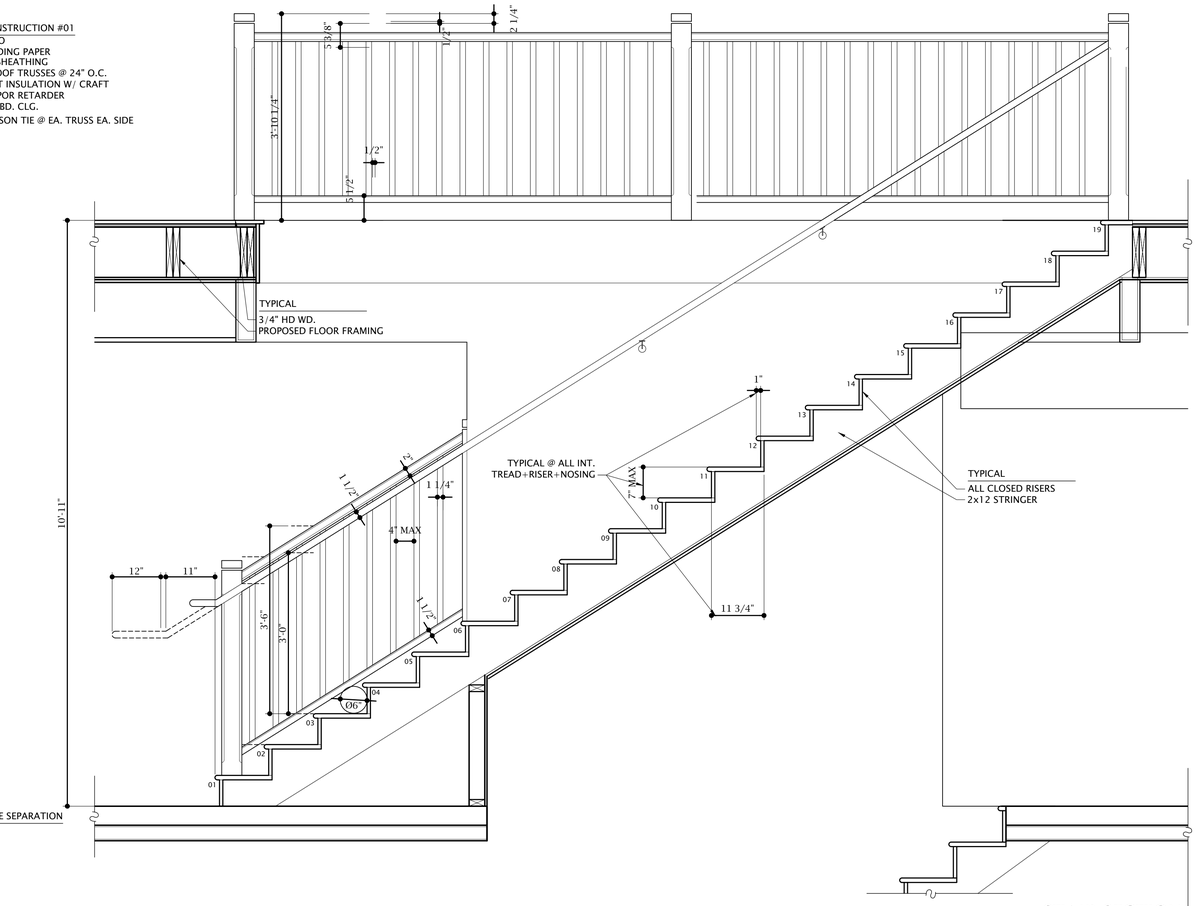
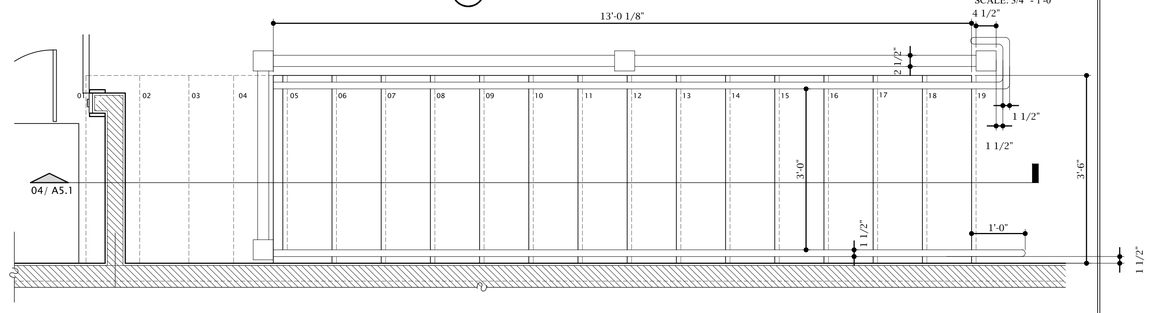
SCALE: 1" - 1'-0"



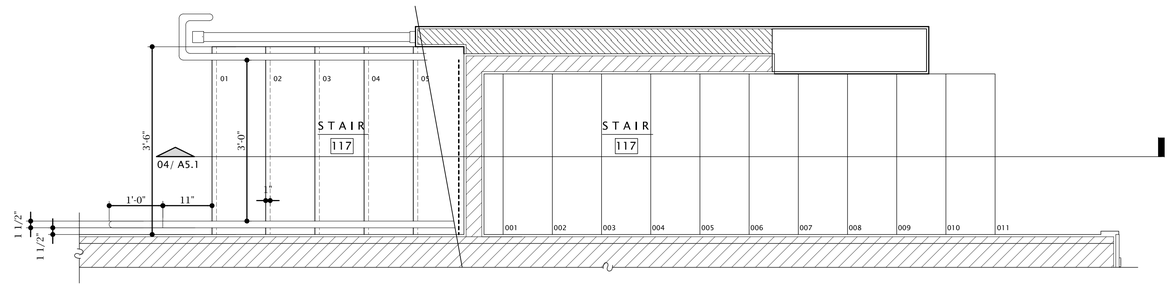
04 STAIR SECTION

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



03 ENLARGED SECOND FLOOR STAIR PLAN

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



01 ENLARGED FIRST FLOOR STAIR PLAN

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

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STATE OF OHIO · REGISTERED ARCHITECT · MATTHEW R. WOLF · ARC-17230

MATTHEW R WOLF
LICENSE #17230
EXP. DATE 12/31/2025

KINGSVILLE FIRE DEPARTMENT
3130 EAST MAIN STREET
KINGSVILLE OHIO 44048

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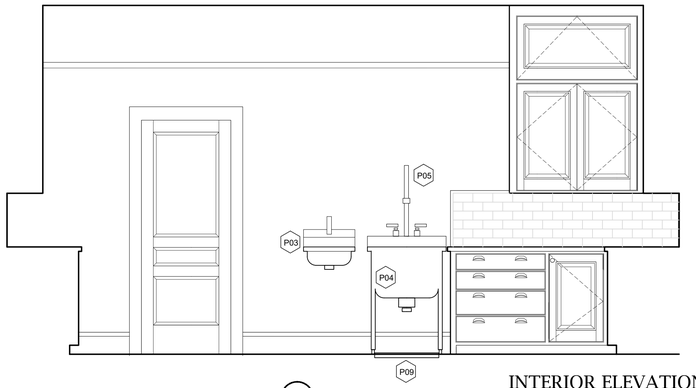
WALL SECTION + STAIR DETAILS

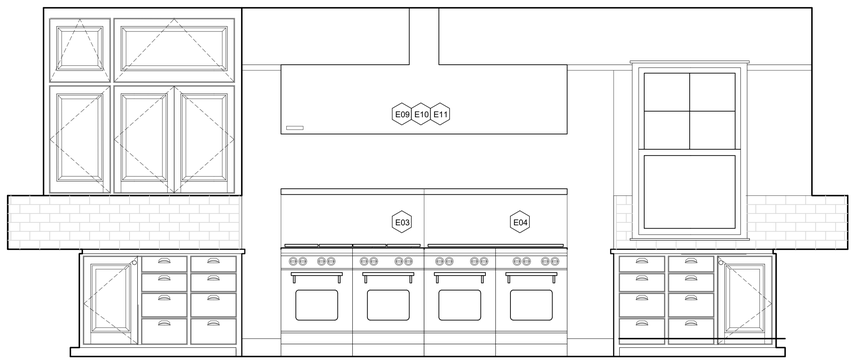


06 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"

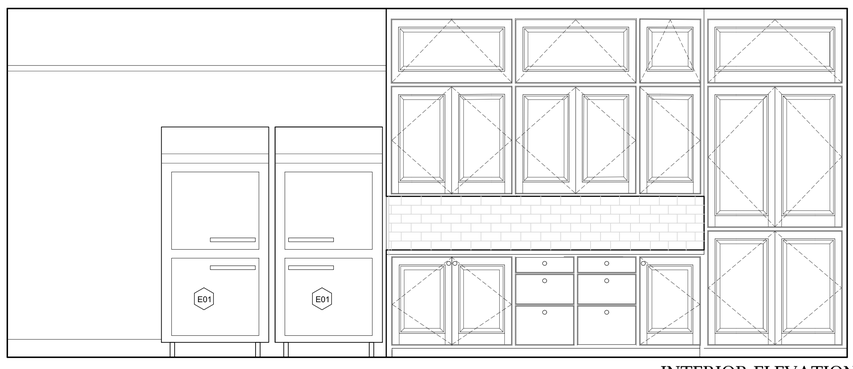
05 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"



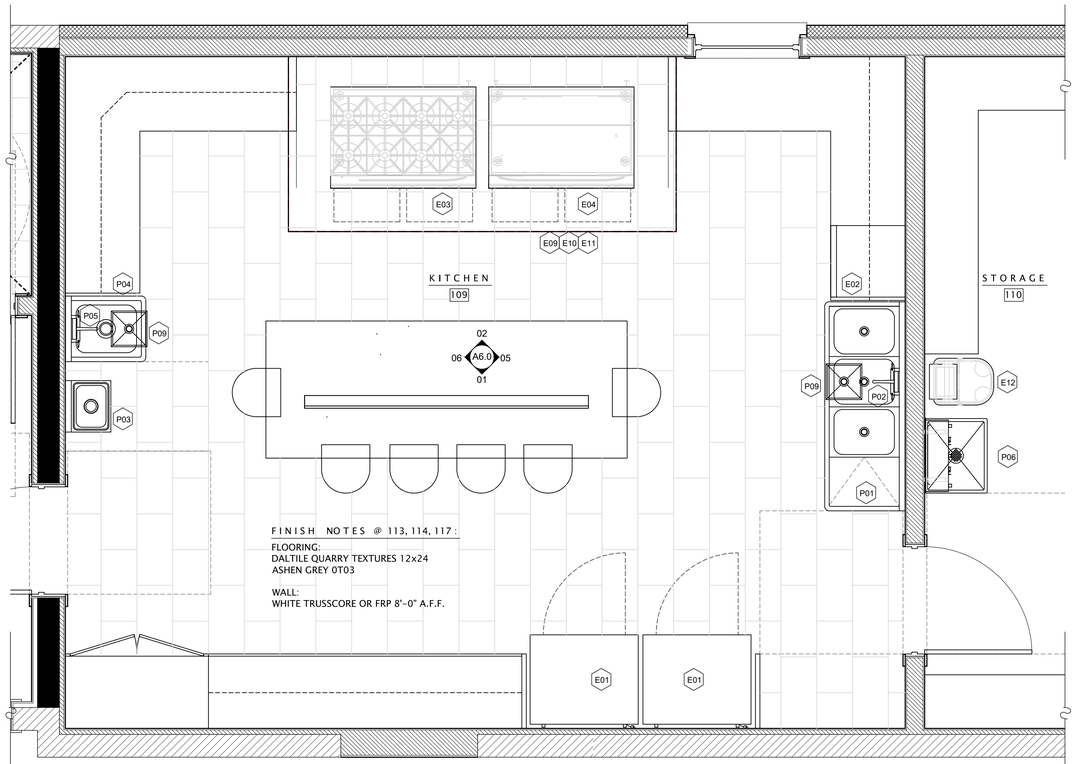
02 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"



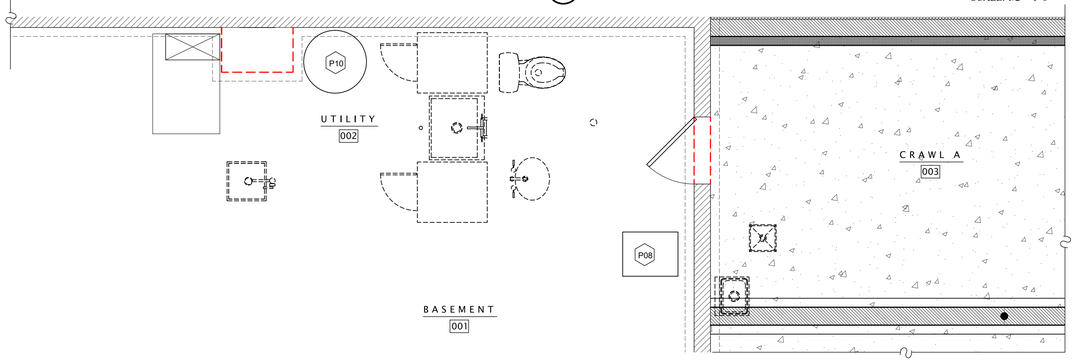
01 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"



01 ENLARGED PLAN

SCALE: 1/2" - 1'-0"



03 ENLARGED BASEMENT PLAN

SCALE: 3/8" - 1'-0"

EQUIPMENT & FIXTURE SCHEDULE

"AG" – AIR GAP WHERE NOTED, MIN. $\frac{1}{2}$ DIA OF PIPE SIZE

	DESCRIPTION	MANUFACTURER	MODEL #	ELECTRICAL VOLT	ELECTRICAL AMP	WATER CW IN	WATER HOT IN	GAS	SAN
E01	REACH-IN 2-DR REF	ATOSA	MBF8005GR	115V	3.2	-	-	-	-
E02	UNDERCOUNTER DISHWASHER	CMA	180-UC	120V	22.3	-	1/2"	-	-
E03	RANGE / OVEN	SOUTHBEND	S48EE	115	5.9	-	-	3/4"	-
E04	GRIDDLE / OVEN	SOUTHBEND w/GRIDDLE PLATES	S48EE	115	5.9	-	-	3/4"	-
									-
E09	EXHAUST HOOD LIGHTS	LARKIN	-	115	4.0	-	-	-	-
E10	EXHAUST HOOD FAN	LARKIN	EOBR	120	6.6	-	-	-	-
E11	EXHAUST HOOD MUA	LARKIN	-	120	7.2	-	-	3/4"	-
E12	MOP BUCKET	ULINE	H6526	-	-	-	-	-	-
									-
P01	3 BOWL NSF SINK "AG"	FALCON	E3C-16X20-R-18	-	-	-	-	-	1 1/2"
P02	PRE-RINSE FAUCET	KROWNE	17-109WL	-	-	1/2"	1/2"	-	1 1/2"
P03	HAND SINK w/FAUCET	FALCON	HS-12SS	-	-	1/2"	1/2"	-	1 1/2"
P04	PREP SINK "AG"	FALCON	E1C16x20-0	-	-	-	-	-	1-1/2"
P05	FAUCET	KROWNE	14-812L	-	-	1/2"	1/2"	-	
P06	MOP SINK	FALCON	FMS-252110	-	-	-	-	-	3"
P07	FAUCET	KROWNE	16-127	-	-	1/2"	1/2"	-	1 1/2"
P08	75 GPM GREASE INT	SCHIER	GB-50	-	-	-	-	-	1/2"
P09	FLOOR SINK	ZURN	71900 76	-	-	-	-	-	3"
P10	90 GAL	LOCHINVAR	SWA150	120	24	11/2"	11/2"	1/2"	1 1/2"

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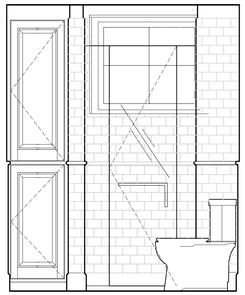
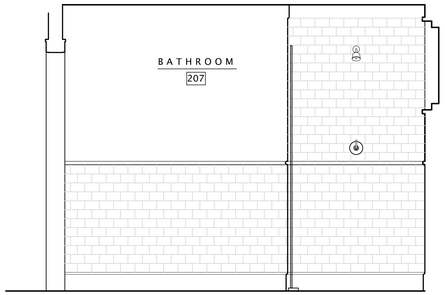
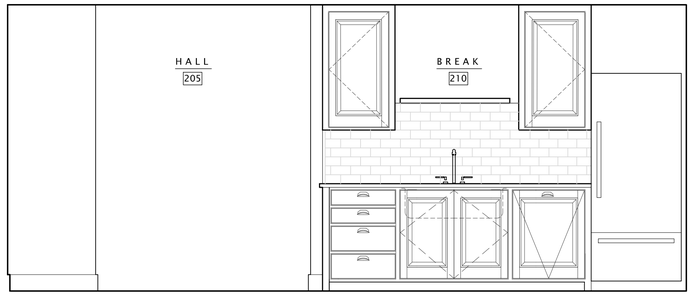
ENLARGED PLANS +
INTERIOR ELEVATIONS





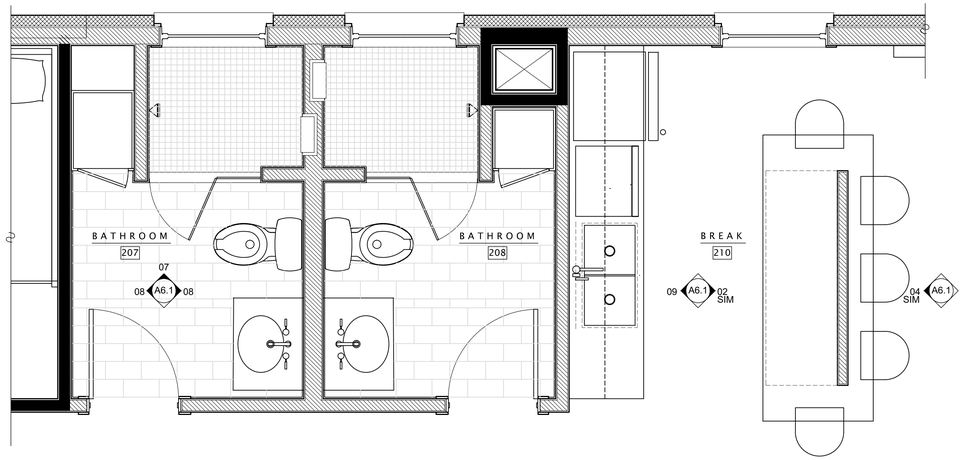
12 11 10 INTERIOR ELEVATIONS

SCALE: 1/2" - 1'-0"



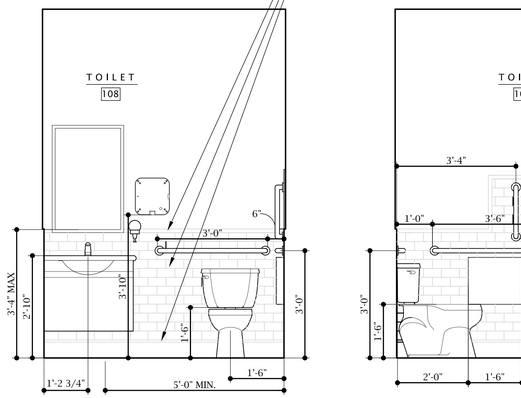
09 INTERIOR ELEVATIONS

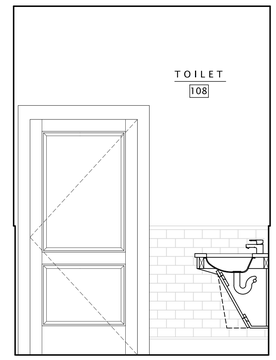
SCALE: 1/2" - 1'-0"



05 ENLARGED PLAN

SCALE: 1/2" - 1'-0"



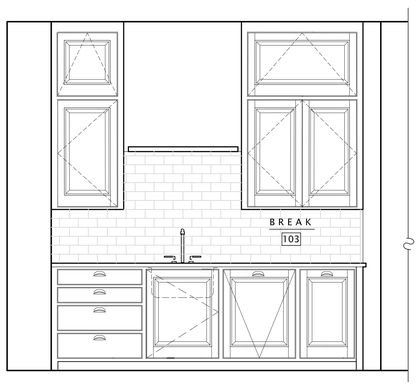


08 07 06 INTERIOR ELEVATIONS

SCALE: 1/2" - 1'-0"

KEY NOTE LEGEND

- T1 SURFACE MTD TOILET TISSUE DISPENSER PROVIDED BY OWNER
- T2 1-1/2" DIA SS GRAB BARS BY BOBRICK - 36", 42" AND 18" PER ANSI COMPLIANT TOILET STALL
- T3 SURFACE MTD SS SANITARY NAPKIN DISPENSER BY BOBRICK
- T4 36"X18" CHANNEL FRAME SS MIRROR BY BOBRICK
- T5 SURFACE MTD SOAP DISPENSER PROVIDED BY OWNER
- T6 SS TRASH CONTAINER PROVIDED BY BOBRICK
- T7 SS COAT HOOK CENTERED ON DOOR
- T8 BOBRICK B-7120 TRIM DRY ADA SURFACE MTD. HAND DRYER
- T9 VITREOUS CHINA, LOW CONSUMPTION, 16-1/2 HIGH ELONGATED SIPHON JET ACTION BOWL, WHITE, HANDICAP COMPLIANT FLOOR MTD., TANK TYPE WATER CLOSET. INCLUDE w/ CHURCH #9500CT EXTRA HEAVY DUTY WHITE OPEN FRONT SEAT. PROVIDE TRIP LEVER PER ADA **AMER. STD. CHAMPION 4 2002.014**
- T10 WHITE VITREOUS CHINA OVAL, UNDERMNT. FRONT OVERFLOW WHITE LAV. 19"x15 3/8" BOWL, 5.5" DEEP TRIM: MOEN, #2538-MPU-DST DOUBLE HANDLE CENTER SET FAUCET, FURNISH w/ MOUNTING KIT AND OFFSET DRAIN FOR BARRIER FREE INSTALLATION. PROVIDE LEONARD MODEL 220 THERMOSTATIC MIXING VALVE OR EQUAL TO DELIVER 110 DEG. F.(MAX) **AMER. STD. OVALYN 0497.221**

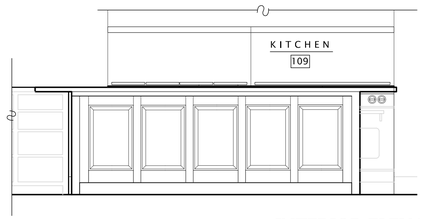


03 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"

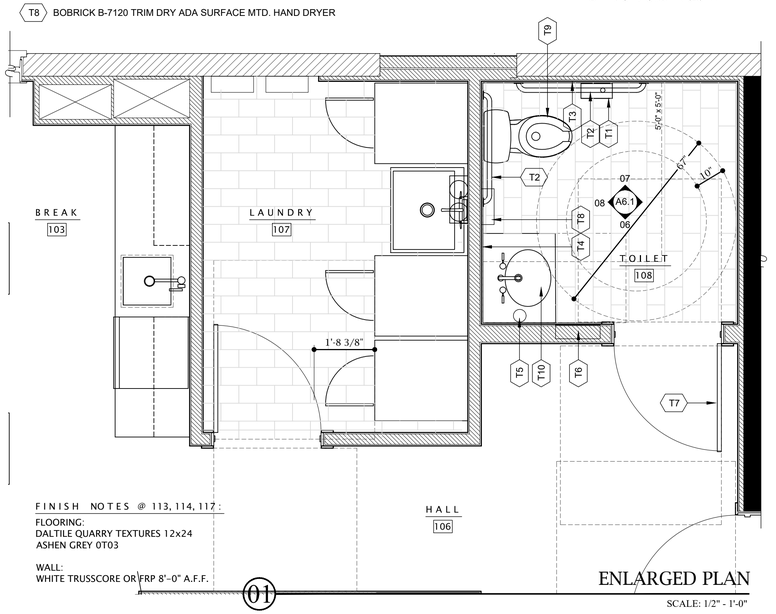
02 INTERIOR ELEVATION @ ISLAND

SCALE: 1/2" - 1'-0"



04 INTERIOR ELEVATION

SCALE: 1/2" - 1'-0"



FINISH NOTES @ 113, 114, 117 :

FLOORING:
DALTILE QUARRY TEXTURES 12x24
ASHEN GREY 0T03

WALL:
WHITE TRUSSCORE OR FRP 8'-0" A.F.F.

01 ENLARGED PLAN

SCALE: 1/2" - 1'-0"

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ENLARGED PLANS +
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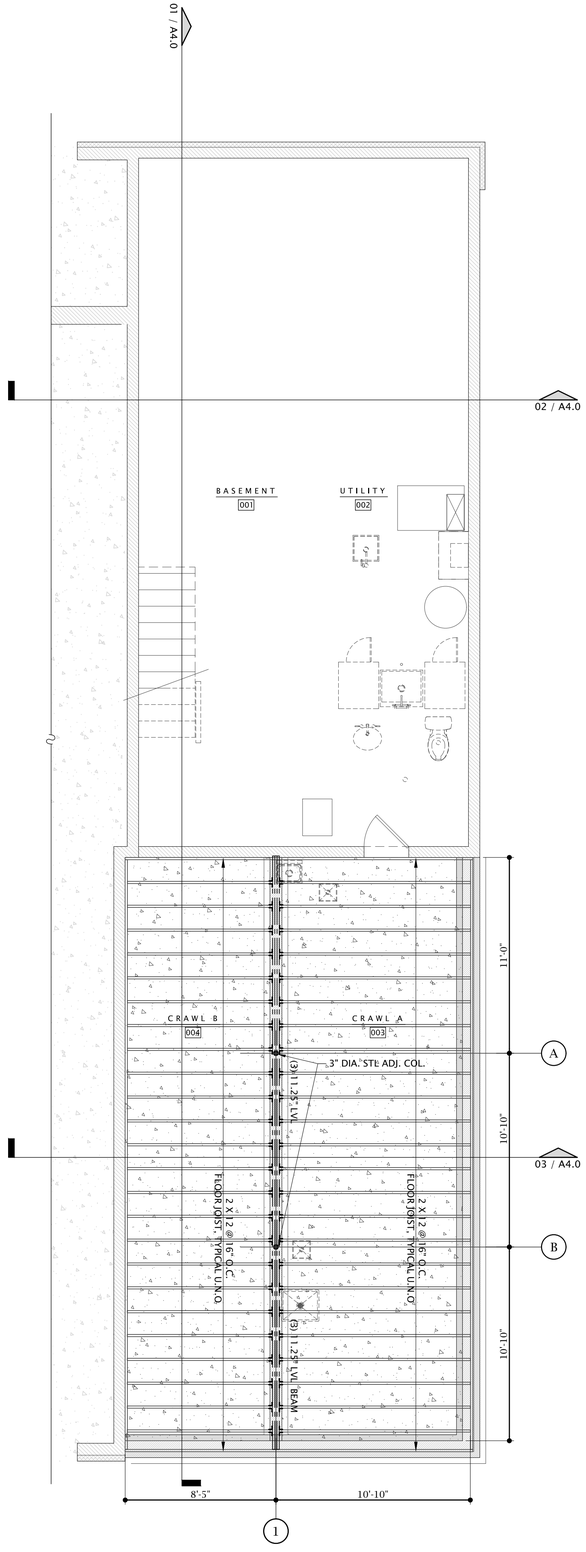

01 FIRST FLOOR FRAMING PLAN

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

STRUCTURAL DESIGN NOTES

GENERAL

1. THE DRAWINGS SHOW THE GENERAL DETAILS OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE ADDITIONAL DETAILS ARE REQUIRED, OR WHERE CONDITIONS ARE ENCOUNTERED THAT WERE NOT ANTICIPATED BY THE DRAWINGS.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, TEMPORARY BRACING, UNDERPINNING EARTH RETENTION, ETC. THAT MAY BE NECESSARY.

BRACED WALL PANEL NOTES

1. ALL WALLS SHOWN ON THE PLANS FUNCTION AS SHEAR WALLS FOR LATERAL LOAD RESISTANCE.
   EXTERIOR WALLS WITH WOOD SHEATHING (BRACING METHOD = WSP + CG-WSP).
   INTERIOR WALLS WITH TWO SIDES OF GYPSUM BOARD (BRACING METHOD = GB).

2. NAILING SHALL BE:
   8d COMMON NAILS OR EQUAL @ 6" O.C. E.W. ON FACE OF EXTERIOR SHEATHING.
   6d COMMON NAILS OR EQUAL @ 6" O.C. E.W. ON FACE OF INTERIOR PARTITIONS.

3. SILL PLATE ANCHORS SHALL BE 1/2 " DIA. @ 4'-0" O.C. BOLTS MIN. (2) BOLTS PER SILL PLATE SECTIONS AND PLACED WITHIN 12" OF ENDS AND CORNERS.

DESIGN CRITERIA

1. STRUCTURAL DESIGN STANDARDS:
   ORC LATEST EDITION
   BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318)
   SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301)
   AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS (ASD)
   NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS)

2. DESIGN LIVE LOADS:

SLEEPING ROOMS	30 PSF
ROOMS OTHER	40 PSF
ROOF LIVE LOAD	30 PSF MIN.
SNOW	30 PSF+DRIFT (PER ASCE 7)
Pg	30 PSF
Ce	1.0 (EXPOSURE B, PARTIALLY EXPOSED)
Ct	1.0 (R>25)
GUARDRAIL/HAND	200 LB. OR 50 LB. PER./ FT.
WIND LOAD	115 MPH, EXP. B
COMPONENTS / CLADDING	12.4psf,-15.1psf WALLS
SEISMIC LOAD	
Se	0.17
Si	0.06
SITE CLASS	C
SEISMIC DESIGN CAT.	D

STRUCTURAL DESIGN NOTES (CONT.)

STRUCTURAL WOOD

1. DETAIL, FABRICATE AND ERECT STRUCTURAL WOOD IN ACCORDANCE WITH THE LATEST AWC DESIGN SPECIFICATIONS AND THE GOVERNING BUILDING CODE.

2. ALL STRUCTURAL FRAMING MEMBERS SHALL BE SPRUCE-PINE-FIR (SPF) NO.1/NO.2 OR BETTER, U.N.O.

3. ALL ROOF PANEL SHEATHING SHALL BE 5/8" TYPE CDX, EXPOSURE 1 APA RATED SHEATHING. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING. CONNECT ROOF SHEATHING WITH 8d COMMON NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS, U.N.O.

4. ALL FLOOR SHEATHING SHALL BE 3/4" APA RATED STURD-I-FLOOR, EXPOSURE 1, WITH TONGUE AND GROOVE EDGE. CONNECT FLOOR SHEATHING WITH 10d COMMON NAILS AT 6" O.C. AT SUPPORTED EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. FIELD GLUE USING ADHESIVES MEETING LATEST APA SPECIFICATIONS AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

5. ALL WALL SHEATHING SHALL BE 1/2" TYPE CDX, EXPOSURE 1 APA RATED SHEATHING. CONNECT WALL SHEATHING WITH 10d COMMON NAILS @ 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS, U.N.O.

6. USE PRESSURE TREATED LUMBER WHERE WOOD IS EXPOSED TO WEATHER, MOISTURE, CONCRETE, MASONRY OR THE GROUND.

ENGINEERED WOOD PRODUCTS

1. DETAIL, FABRICATE AND ERECT ENGINEERED WOOD PRODUCTS IN ACCORDANCE WITH THE LATEST AWC DESIGN SPECIFICATIONS AND THE GOVERNING BUILDING CODE.

2. ALL ENGINEERED WOOD PRODUCT MEMBERS SHALL BE SHALL BE FRAMED WITH SIMPSON STRONG-TIE CONNECTORS, OR APPROVED EQUAL.

3. MANUFACTURER SHALL SIZE, DETAIL AND PROVIDE ALL REQUIRED CONNECTORS AS PART OF THE ENGINEERED WOOD PRODUCT SYSTEM. SUBMIT TO ENGINEER FOR REVIEW.

4. ENGINEERED I-JOISTS AND LVL (LAMINATED VENEERED LUMBER) SHALL CONFORM TO STANDARDS SET FORTH IN NES REPORTS NER-200 AND 451 RESPECTIVELY.

5. PRODUCTS SHALL BE PROVEN BY TESTING AND EVALUATION IN ACCORDANCE WITH THE PROVISIONS OF ASTM D-5055.

6. PRODUCTS SHALL PERFORM TO OR BETTER THAN THOSE MANUFACTURED BY REDBUILT AND BOISE CASCADE.

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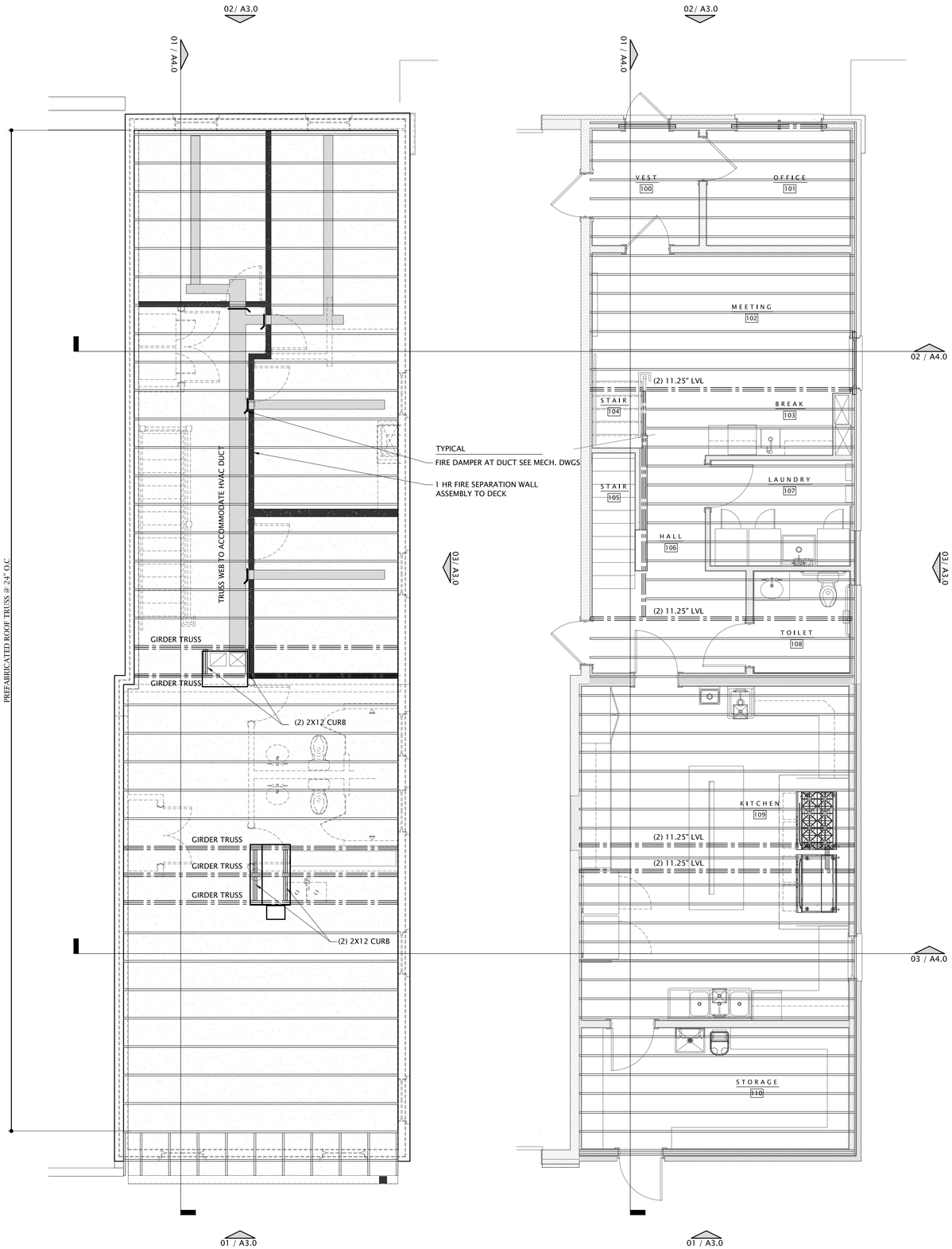
FIRST FLOOR FRAMING PLAN



02 ROOF FRAMING PLAN
SCALE: 1/4" - 1'-0"

01 SECOND FLOOR FRAMING PLAN
SCALE: 1/4" - 1'-0"

ROOF TRUSS NOTES

PREFABRICATED WOOD TRUSSES:

1. DETAIL, FABRICATE AND ERECT STRUCTURAL WOOD IN ACCORDANCE WITH THE TPI STANDARDS AND THE GOVERNING BUILDING CODE.
2. TRUSS DESIGN DOCUMENTS SHALL BEAR THE STAMP OF AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
3. DESIGN DEAD, LIVE AND WIND LOADS SHALL BE DEVELOPED FROM THE CRITERIA SHOWN ON THE CONTRACT DOCUMENTS AND SHALL NOT BE LESS THAN:

   TOP CHORD = 20 PSF LIVE LOAD
   30 PSF GROUND SNOW
   12 PSF DEAD LOAD
   115 MPH WIND SPEED

   DEFLECTION LIMITS
   LIVE LOAD L/360
   TOTAL LOAD L/240

   BOTTOM CHORD = 10 PSF LIVE LOAD
   07 PSF DEAD LOAD

   THE TRUSS DESIGNER SHALL COMBINE LOADS PER O.B.C. REQUIREMENTS.
4. THE ROOF DECK IS DESIGNED TO TRANSFER HORIZONTAL WIND LOAD TO SHEAR WALLS.
5. PROVIDE MINIMUM TRUSS BRACING AS FOLLOWS:
   BOTTOM CHORD HORIZONTAL LATERAL BRACES USING CONTINUOUS 2x4 PERPENDICULAR TO BOTTOM CHORD AT 10'-0" O.C.(MAX) ADJACENT TO WEB MEMBER, WEB MEMBER VERTICAL BRACES USING 2x4 AT 45^ TO WEB MEMBER EXTENDING FROM TOP CHORD TO BOTTOM CHORD, SPACED APART TWO TIMES LENGTH OF 'X' BRACE AND AT ENDS OF BUILDING, LOCATED ACROSS TRUSS BOTTOM CHORD LATERAL BRACES AND 8' MAXIMUM APART ON FLOORS, 12' MAXIMUM APART ON ROOFS AND ALL LATERALLY BRACED MEMBERS.
6. ALL TRUSSES SHALL BE FRAMED WITH SIMPSON STRONG-TIE HANGERS AND HOLD DOWNS. TRUSSES SHALL BE FASTENED TO TOP PLATE WITH HURRICANE CLIPS, BY SIMPSON #H.2.5A EACH SIDE
7. TRUSS MANUFACTURER TO SIZE REQUIRED CONNECTORS FOR REVIEW BY ENGINEER.

WOOD TRUSS SHOP DRAWINGS SHALL SHOW THE FOLLOWING INFO:

1.) INFORMATION WHICH THE RESPONSIBLE BUILDING DESIGN PROFESSIONAL WILL CHECK FOR COMPLIANCE WITH CONTRACT DOCUMENTS.
   a. ERECTION PLAN: SHOWING DIMENSIONED LOCATIONS AND TRUSS IDENTIFICATION.
   b. BEARING DETAILS: SHOWING BEARING LENGTH, WIDTH, AND DEPTH INDICATING CONFORMANCE TO DESIGN CALCULATIONS.
   c. DESIGN LOADS: ALL DEAD AND LIVE LOADS SHALL BE SHOWN ON THE FRAMING PLAN OR TRUSS ELEVATION INDICATING CONFORMANCE TO TRUSS CALCULATIONS.
   d. ALL PERMANENT BRACING: SHOW TOP CHORD, BOTTOM CHORD, & WEB MEMBER BRACING ON FRAMING PLAN AND TRUSS ELEVATION. SUPPLIER AND INSTALLER OF THIS BRACING SHALL ALSO BE INDICATED.
   e. TRUSS DIMENSIONS: SHOW DEPTH, SPAN BEARING, HEIGHT, AND SLOPES AT ALL CRITICAL POINTS.

2.) INFORMATION THAT SHALL BE THE RESPONSIBILITY OF THE FABRICATOR AND TRUSS DESIGNER AND SHALL BE PROVIDED FOR INFORMATION WITH THE SHOP DRAWING SUBMITTAL.
   a. MEMBER DESIGN: INCLUDING WEB CONFIGURATION, MEMBER SIZE, GRADE OF LUMBER, FABRICATED SPLICES, AND MEMBER BRACING REQUIRED BY TRUSS DESIGN.
   b. INTERIOR CONNECTION: DESIGN AND SHOW DETAIL OF WEB AND CHORD CONNECTIONS. CONNECTOR PLATES AND PLATE CAPACITIES.
   c. ERECTION PLAN: SHOW SPACING AND LAYOUT OF ANY TEMPORARY BRACING REQUIRED FOR ERECTION.
   d. STRUCTURAL DESIGN OF TRUSSES: SUBMIT COMPLETE TRUSS CALCULATIONS AND OBTAIN ALL APPROVALS NECESSARY FOR CONFORMANCE TO BUILDING CODE. VERIFY SUBMITTAL AND APPROVAL BY SENDING COPY TO BUILDING DESIGN PROFESSIONAL.
   e. CONTRACTOR: FURNISH INSTALLER WITH ALL DATA NECESSARY FOR PROPER INSTALLATION.
   f. PROVIDE BUILDING OFFICIAL w/ WRITTEN, GRAPHIC AND PICTORIAL DEPICTION OF EACH TRUSS FOR APPROVAL PRIOR TO INSTALLATION.

TRUSS BRACING NOTES

1.) ALL BRACING SHOWN OR DESCRIBED SHALL BE MINIMUM 2x4 WITH (2) - 16d IN EVERY TRUSS IT CROSSES.

2.) ALL TRUSS TOP CHORDS SHALL BE CONTINUOUSLY BRACED BY THE ROOF DECKING.

3.) ALL TRUSS WEB MEMBERS SHALL BE BRACED @ 4'-0" O.C. UNLESS CALCULATIONS SHOW OTHERWISE.

4.) ALL HORIZONTAL BRACING SHALL BE STIFFENED @ 20'-0" O.C. WITH EITHER:
   a. DIAGONAL BRACING EXTENDED TO A SHEAR WALL PARALLEL TO THE ORIGINAL BRACING. SEE BRACING DETAILS 6/S5 FIG. 1(a) - 1 (d).
   b. A 1/2" PLYWOOD SHEET EXTENDED TO ROOF DECK

5.) ALL TRUSS BOTTOM CHORDS SHALL BE BRACED @ 6'-0" O.C. UNLESS CALCULATIONS SHOW OTHERWISE. CONTINUOUS SHEATING APPLIED TO BOTTOM CHORD WILL SATISFY THIS BRACING REQUIREMENT.

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SECOND FLOOR FRAMING PLAN