18-20 BELKNAP STREET - ARLINGTON, MA GENERAL NOTES & SPECIFICATIONS

1.0 CONDITIONS OF CONTRACT

1.1 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUBCONTRACTORS WITH ALL INFORMATION REGARDS TO FULL SCOPE OF THE PROJECT AND THEIR RESPECTIVE TRADES BIDDING AND CONSTRUCTION.

2.0 GENERAL

- 2.1 SCOPE OF WORK INCLUDES ALL WORK REQUIRED TO PROVIDE THE OWNERS THE WORK DEFINED IN THE CONSTRUCTION DOCUMENTS AND ALL BASE BUILDING CONSTRUCTION WITHIN THE IDENTIFIED SCOPE IN FULL INTENDED OPERATION.
- 2.2 GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INJURY AND DAMAGE OF ANY KIND RESULTING FROM THIS WORK, TO PERSONS OR PROPERTY.
- 2.3 RENTAL CHARGES, SAFETY, PROTECTION AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.

2.4 PROJECT SHALL NOT BE COMPLETED UNTIL ALL NECESSARY AFFIDAVITS, CERTIFICATION AGENCY APPROVALS AND INSURANCE CONDITIONS OF THIS CONTRACT HAVE BEEN FULFILLED TO THE SATISFACTION OF THE OWNER. APPLICABLE REQUIREMENTS OF THE GENERAL CONDITIONS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:

- A. FINAL CLEANUP
- B. COMPLETION OF ALL PUNCH LIST ITEMS.
- C. SUBMISSION OF WAIVERS OF LIEN COVERING THIS CONTRACTOR AND HIS SUBCONTRACTORS AND SUPPLIERS.
- D. COMPLETE SET OF TAGS, CHARTS, DIAGRAMS, INSTRUCTION BOOKLETS, ETC. AS REQUIRED FOR MECHANICAL AND ELECTRICAL INSTALLATIONS.
- E. SUBMISSION OF ALL BUILDING DEPARTMENT APPROVALS AND CERTIFICATIONS.
- F. WARRANTIES IN THE NAME OF THE OWNER. PRODUCT INFORMATION AND COPIES OF SUBMITTALS.

2.5 THIS JOB IS DESIGN/BUILD FOR THE FOLLOWING SYSTEMS: ELECTRICAL, MECHANICAL, PLUMBING, CONTRACTORS ARE REQUIRED TO FINALIZE THE DESIGN OF THEIR RESPECTIVE SYSTEMS FOR FULL AND PROPER OPERATIONS ACCORDING TO THE APPLICABLE LAWS AND SPECIFICATIONS IN THE PROJECT MANUAL, IN ORDER TO SATISFY INTENDED FUNCTION AND DESIGN OF MECHANICAL AND ELECTRICAL DRAWINGS PROVIDED HERE.

2.6 CONTRACTOR TO PROVIDE EMERGENCY ACCESS TO THE BUILDING TWO MEANS OF EGRESS AT ALL TIMES, AREA TO BE CLEARED OF DEBRIS, PARTITIONED OFF AND LIT FOR CONTINUAL ACCESSIBILITY OF TOW EXITS. TWO EXISTS NEED TO BE PROVIDED DURING THE CONSTRUCTION AND DEMOLITION.

2.7 WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS.

3.0 DOCUMENTS

3.1 THESE DOCUMENTS HAVE BEEN COMPILED WITH THE BEST AVAILABLE INFORMATION AND ARE NOT INTENDED TO LIMIT THE SCOPE OF WORK. THE CONTRACTOR MAY ENCOUNTER HIDDEN OR COVERED CONDITIONS, NOT INDICATED IN THE DOCUMENTS, REQUIRING ADDITIONAL WORK FOR THE COMPLETION OF THIS CONTRACT. IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INSPECTED THE SITE PRIOR TO BIDDING AND VERIFIED ALL CONDITIONS, DIMENSIONS, AND OTHER INFORMATION HERE IN SUPPLIED.

3.2 ALL DIMENSIONS AND LAYOUTS SHALL BE FIELD VERIFIED BY THE CONTRACTOR/OWNER TO COORDINATED THE ARCHITECTURAL DRAWINGS WITH APPROVED SITE PLAN. ANY INCONSISTENCIES DISCREPANCIES OR AMBIGUITIES SHALL BE REPORTED TO THE DESIGNER BEFORE PROCEEDING WITH THE WORK.

3.3 ALL WORKING STANDARDS SHALL REFLECT IRC 2009 & 780 CRM 8TH EDITION AMENDMENTS OF BUILDING CODE FOR ONE/TWO FAMILY DWELLING.

3.4 CONTRACTOR SHALL BE REVIEW AND REPORT ANY INCONSISTENCIES.

3.5 CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, AND SHALL PAY AND OBTAIN BUILDING PERMITS AND ALL NECESSARY APPROVALS. CONTRACTOR SHALL OBTAIN ALL APPROVALS AND PERMITS FOR CONSTRUCTION FROM THE MUNICIPAL AGENCIES HAVING JURISDICTION, PRIOR TO COMMENCEMENT OF WORK, AT HIS OWN EXPENSE.

3.6 CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST DEFECTS FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

4.0 TRADES

4.1 THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, SAMPLES OF ALL FINISH MATERIAL SHALL BE SUBMITTED TO OWNER AND/ OR DESIGNER FOR APPROVAL, INCLUDING PAINT SAMPLE. ANY FINISHES THAT ARE PURCHASED BEFORE APPROVAL AND ARE SUBSEQUENTLY REJECTED ARE THE RESPONSIBILITY OF THE CONTRACTOR, NO SUBSTITUTIONS WILL BE CONSIDERED FOR PRODUCTS OR METHODS THAT CANNOT BE PROVIDED AS A RESULT OF CONTRACTOR'S FAILURE TO ORDER PRODUCTS IN A TIMELY MANNER, PURSUE THE WORK PROMPTLY, OR TO COORDINATE THE VARIOUS ACTIVITIES PROPERLY.

4.2 THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE OWNER'S AND/OR DESIGNER FOR APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE OWNER AND/OR DESIGNER IN WRITING OF SUCH DEVIATION AT THE TIMES OF SUBMITTAL AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLE. OR SIMILAR SUBMITTALS BY THE OWNER'S AND/OR DESIGNER APPROVAL THEREOF.

4.3 ELECTRICAL CONTRACTOR TO PROVIDE DESIGN & BUILD SERVICES, ALL WORK TO BE IN COMPLIANCE W/527 CMR & NFPA 90 REQUIREMENTS, COORDINATE UTILITY COMPANY REQUIREMENTS WITH ARCHITECT AND SITE CONTRACTOR. COORDINATE ALL TRENCHING WITH GENERAL CONTRACTOR, SERVICE TO BE DESIGNED FOR 200 AMP WITH CIRCUIT BREAKER PANEL BOARD SIZED ADEQUATELY. COORDINATE WITH HVAC FOR CONTRACTOR FOR A/C LOAD. REVIEW LAYOUT IN FIELD WITH ARCHITECT AND GENERAL CONTRACTOR TO VERIFY LOCATIONS OF ALL SWITCHING AND LIGHTING. CONTRACTOR MUST GIVE ALLOWANCES FOR LIGHTING IN CONTRACT; OWNER TO SELECT ALL LIGHTING FIXTURES AND APPLIANCES FOR CONTRACTOR TO INSTALL. PROVIDE PERMIT AND SCHEDULE ALL INSPECTIONS IN A TIMELY FASHION. PROVIDE CARBON MONOXIDE, SMOKE AND HEAT DETECTORS PER CODE REQUIREMENTS.

4.4 IF CONFLICTS OCCUR BETWEEN DWGS AND SPECS OR PRODUCTS, PROCEDURES, ETC. THE MORE STRINGENT DETAIL AND HIGHER QUALITY SHALL BE CONSIDERED THE INTENT OF THE CONTRACT DOCUMENTS. OWNER'S AND/OR DESIGNER'S CONFIRMATION IS REQUIRED.

4.5 THE INTENT OF CONTRACT DOCS & RESPECTIVE DESIGN BUILD DISCIPLINES REPRESENT A COMPLETE INSTALLATION PER INDUSTRY AND TRADE STANDARDS FOR SIMILAR TYPES OF CONSTRUCTION IN GEOGRAPHIC REGION. ES, OR SIMILAR SUBMITTALS BY THE OWNER'S AND/OR DESIGNER'S APPROVAL THEREOF.



SHEET N°:

SCALE: 12" = 1'-0"

DATE

NRAWN BY: FLM
NREA: 7798 ft²

ADDRESS: 18-20 BELKNAP STREE ARLINGTON, MA

NNERING & DESIGN IN

MF ENGINNER
142 FISHER STREET
WESTBOROUGH, MA 018
EMAIL: CARLOS.FERREI



5.0 FOUNDATION NOTES

5.1 FOOTINGS ARE TO BEAR ON UNDISTURBED LEVEL SOIL DEVOID OF ANY ORGANIC MATERIAL AND STEPPED AS REQUIRED TO MAINTAIN THE REQUIRED DEPTH BELOW THE FINAL GRADE.

5.2 SOIL BEARING PRESSURE ASSUMED TO BE 1500 PSF.

5.3 ANY FILL UNDER GRADE SUPPORTED SLABS TO BE A MINIMUM OF 10" GRAVEL BASE COMPACTED TO 95%.

5.4 CONCRETE:

- INTERIOR SLABS ON GRADE: 2.500 PSI.
- FROST WALL / FOUNDATIONS EXPOSED TO THE WEATHER: 3.000 PSI.
- FOOTINGS EXPOSED TO THE WEATHER: 3.500 PSI.

5.5 CONCRETE SLABS TO HAVE CONTROL JOINTS AT 25 FT. (MAXIMUM) INTERVALS EA. WAY.

5.6 ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED OR PROTECTED WITH 55# ROLL ROOFING.

5.7 ALL HOLD DOWN HARDWARE MUST BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.

6.0 CONSTRUCTION CODES

MASSACHUSETTS 9TH EDITION BASE CODE 2015 IRC - INTERNATIONAL RESIDENTIAL CODE 780 CMR - MA AMENDMENTS TO THE IRC 2015 IEBC - INTERNATIONAL EXISTING BUILDING CODE 2015 IECC - INTERNATIONAL ENERGY CONSERVATION CODE 2015 IMC - INTERNATIONAL MECHANICAL CODE

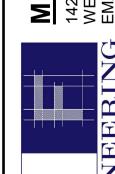
2015 IFC - INTERNATIONAL FIRE CODE 527 CMR - MA FIRE PREVENTION AND ELECTRICAL REGULATIONS 521 CMR - MA ACCESSIBILITY REGULATIONS

248 CMR - MA PLUMBING REGULATIONS

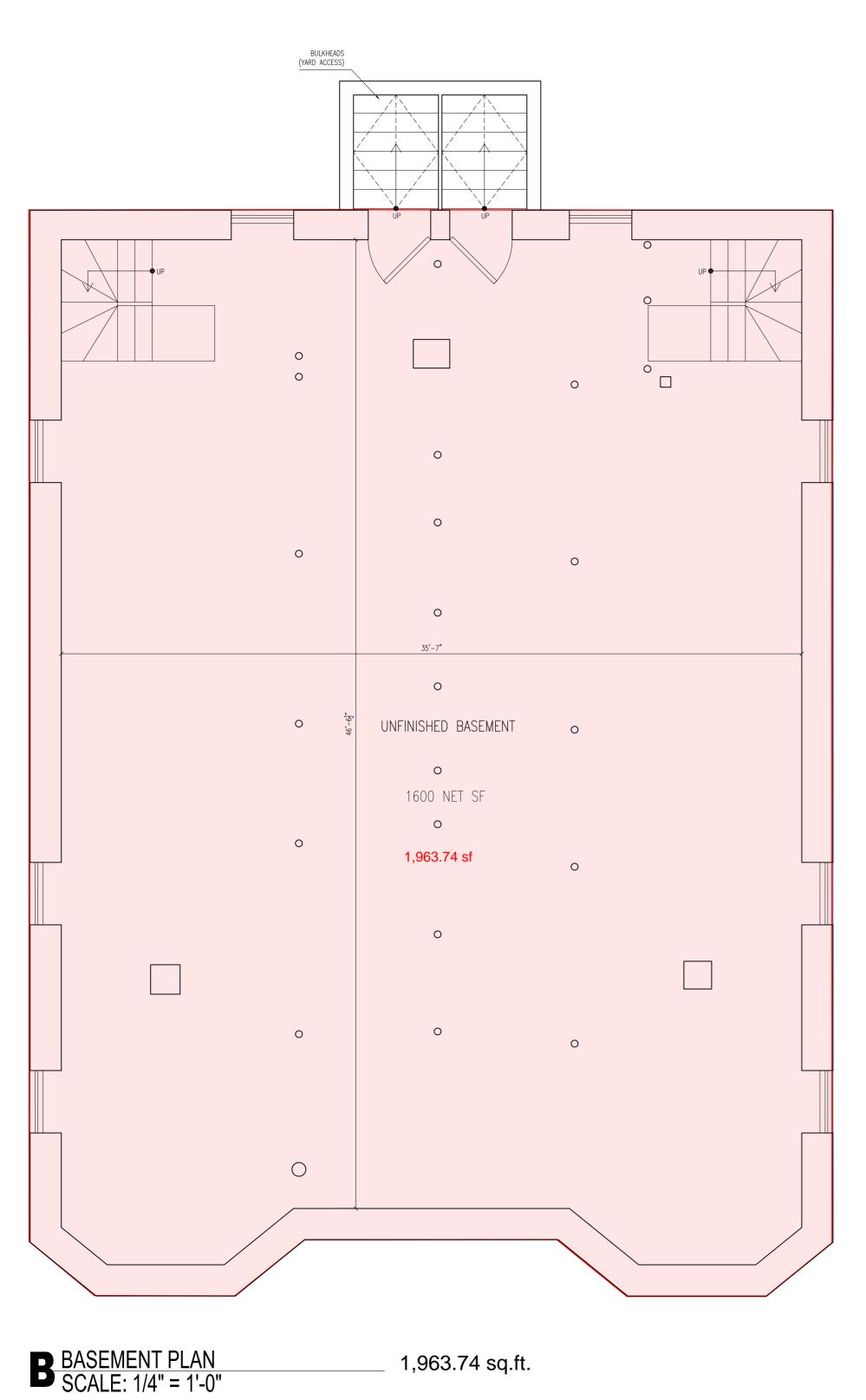
6.1 ALL WORKING STANDARDS SHALL REFLECT IRC 2015 & 780 CRM 9TH EDITION AMENDMENTS OF BUILDINGS CODE FOR ONE/TWO FAMILY DWELLING.

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Sheet Number	Sheet Name
	1
A-01	GENERAL NOTES &
	SPECIFICATIONS
A-02	GENERAL NOTES &
	SPECIFICATIONS
A-03	EXISTING CONDITIONS
A-04	EXISTING CONDITIONS
A-05	EXISTING CONDITIONS
A-06	EXISTING CONDITIONS
A-07	SITE
A-08	BASEMENT & FIRST FLOOR
A-09	SECOND FLOOR & THIRD FLOOR
A-10	ELEVATIONS
A-11	ELEVATIONS & SECTIONS
A-12	DETAILINGS
A-13	DETAILINGS
A-14	DETAILINGS
A-15	WALLS

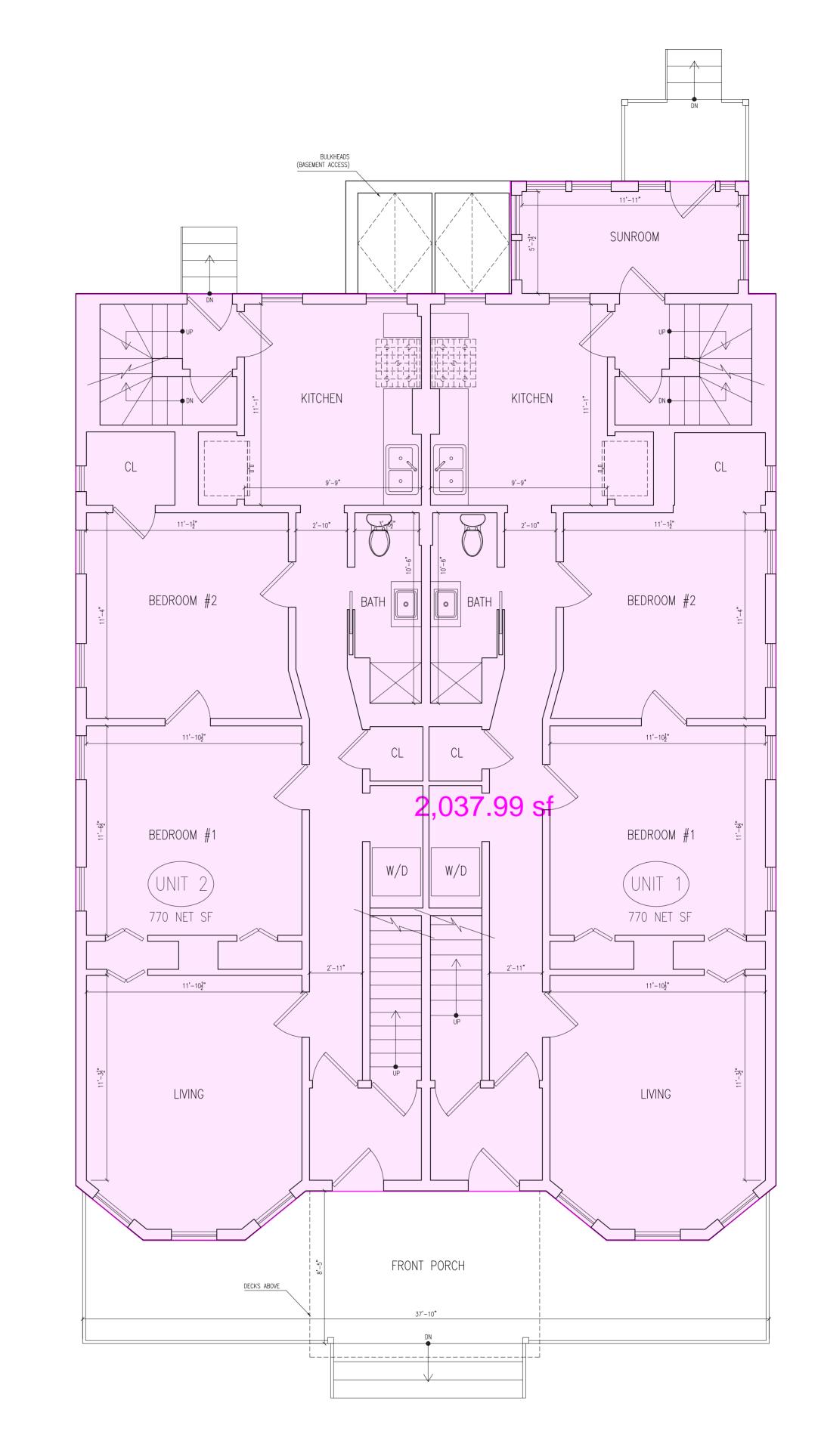
RCHITECTU	RAL ABREVIATIONS												
		COMB CONC CONF	COMBINATION/-ED CONCRETE CONFERENCE	F		Н		М		Q		Т	
ACFL ACCOUS ACCOUS ACCT ACCOUS ACCT ACCOUS ACCT ACCOUS ACC	ANCHOR BOLT ACCESS FLOOR ACOUSTICAL ACOUSTICAL CEILING TILE AREA DRAIN	CONN CONST CONT CONTR COORD CORR CPT CT CTR CTSK CUH CW CW	ONN CONNECT/-ED,/-ION ONST CONSTRUCTION ONT CONTINUE/OUS ONTR CONTRACT/OR OORD COORDINATE ORR CORRIDOR OT CARPET T CARPET T CERAMIC TILE TR CENTER TSK COUNTERSUNK UH CABINET UNIT HEATER W COLD WATER	FA FIRE ALARM FB FIRE BLANKET FD FLOOR DRAIN FDN FOUNDATION FDV FIRE DEPARTMENT VALVE FE FIRE EXTINGUISHER FGS FOAM GASKET SEAL FH FIRE HOSE FHP FULL HEIGHT PARTITION FHV FIRE HOSE VALVE FIN FINISH FIXT FIXTURE FL FLOOR FL FLOOR FL FLOW LINE FLASH FLASHING FLEX FLEXIBLE FLG FLANGE FLUOR FLUORESCENT FP FIRE PROOFING	H HIGH HB HOSE BIB HD HAND DRYER HDCP HANDICAP HDR HEADER HDW HARDWARE HM HOLLOW METAL HORIZ HORIZONTAL HPT HIGHPOINT HR HANDRAIL HT HEIGHT HTR HEATER HVAC HEATING, VENTILATING, AIR CONDITIONING HW HOT WATER HWD HARDWOOD	M MAN MATL MAX MBD	MIDDLE MANUAL MATERIAL MAXIMUM MARKER BOARD	QТ 			T TOP TAN TANGENT TBD TACKBOARD TC TIME CLOCK TCAB TOWEL CABINET		
	ADDENDUM ADDITIONAL ADJUST/ABLE ADJACENT ADMINISTRATION ABOVE FINISH FLOOR AIR HANDLING UNIT ALTERNATE ALUMINUM ANNUNCIATOR ACCESS PANEL ARCHITECTURAL PRECAST CONCRETE APPROXIMATE					MC MCU MECH MEMB MET MEZZ MFR MH MHC MIN MIR MISC MO MONO	MEDICINE CABINET MODULAR COOLING UNIT MECHANICAL MEMBRANE METAL MEZZANINE MANUFACTURER MANHOLE MATERIAL HANDLING CONVEYOR MINIMUM MIRROR MISCELLLANEOUS MASONRY OPENING MONOLITHIC	R RA RAD RB RD RE REC REF REFR REG REINF	RADIUS RISER RETURN AIR RADIATION RESILIENT BASE ROOF DRAIN RELOCATE EXISTING RECESSED REFERENCE REFRIGERATOR REGISTER REINFORCE/-ED/-ING	TDISP TDR TEL TEMP TER TG THRES TPG TPH TR TR TRANSF TS TV TYP	TISSUE DISPENSER TRENCH DRAIN TELEPHONE TEMPERATURE TERRAZZO TONGUE & GROOVE THRESHOLD TEMPERED PLATE GLASTOILET PAPER HOLDER TREAD TRANSFORMER TUBE SECTION TYPICAL		
APROX ARCH AUTO AWT	ARCHITECTURAL AUTOMATIC ACOUSTICAL WALL TREATMENT	D DEMO DEPR DEPT DET DF DIA DIAG DIFF	DEPHT OR DEEP DEMOLITION DEPRESSION DEPARTMENT DETAIL/S DRINKING FOUNTAIN DIAMETER DIAGONAL DIFFUSER	FRMG FS FS FSTOP FT FTG FTR FURR FUT	FRAMING FULL SIZE FLOOR SINK FIRESTOPPING FOOT/FEET FOOTING FIN TUBE RADIATION FURRING FUTURE	IC ID IN INSUL INT ISO	INTERCOM INSIDE DIAMETER INCH INSULATION INTERIOR ISOLATION	MPC MPU MTD MTR MULL	MEATL PAN CEILING MULTI-PURPOSE UNIT MOUNTED MOTOR MULLION	REM REQD RET REV REV RF RH RM RO	REMOVE REQUIRED RETAINING REVERSE REVISE RESILIENT FLOOR ROOF HATCH ROOM ROUGH OPENING	U U UC UFD	URINAL UNDERCUT UNDER FLOOR DUCT
BA BUILDING ACCESSORY BBD BULLETIN BOARD BC BRICK COURSES BD BOARD BFE BOTTOM FOOTING ELEVATION BG BUMPER GUARD BIT BITUMINOUS BKT BRACKET BLDG BUILDING BLKG BLOCKING BLT BORROWED LIGHT BLW BELOW BM BEAM BO BY OWNER BOF BY OWNER FUTURE BOT BOTTOM BR BRICK BRG BEARING BRL BRICK LEDGE BSMT BASEMENT BTWN BETWEEN BUR BUILT-UP ROOFING	BULLETIN BOARD BRICK COURSES BOARD BOTTOM FOOTING ELEVATION BUMPER GUARD BITUMINOUS BRACKET BUILDING BLOCKING BORROWED LIGHT BELOW BEAM BY OWNER BY OWNER BY OWNER FUTURE BOTTOM BRICK BEARING BRICK LEDGE BASEMENT BETWEEN	DISP DISF DIST DIST DIV DIVI DJT DUM DN DOV DP DEM DP DAT DR DOC DS DOV DW DUM DWG DRA DWLS DOV E E EXIST EXIST EC ELECT	DIMENSION DISPENSER DISTRIBUTION DIVISION DUMMY JOINT DOWN DEMOUNTABLE PARTITION DATA PROCESSING DOOR DOWNSPOUT DUMBWAITER DRAWING DOWELS	G		J		NA NIC NO	NOT APPLICABLE NOT IN CONTRACT NUMBER	RS RWC	ROUGH SLAB RAIN WATER CONDUCTOR	UG UH UNFIN UNO US	UNDERGROUND UNIT HEATER UNFINISHED UNLESS NOTED OTHERI UTILITY SHELF
				GA GAUGE GAL GALLONS GALV GALVINIZED GB GRAB BAR GB GRADE BEAM GC GENERAL CONTRACTOR GEN GENERATOR GEN GENERAL GL GLASS GMU GLASS MASONRY UNIT GR GRADE GWB GYPSUM BOARD GWB/SK GYPSUM BLUE BOARD W/ PLASTER SKIM COAT GYP SHGT GYPSUM SHEATHING	JAN JB JST JT	JANITOR JUNCTION BOX JOIST JOINT	NOM NOMINAL NRC NOISE REDUCTION COEFFICIENT NT NOTE NTS NOT TO SCALE	NOMINAL NOISE REDUCTION COEFFICIENT NOTE	S SCHED S S SCHED S S SCHED S SCHED S S SCHED S S S S S S S S S S S S S S S S S S S	SHEATHING SIMILAR	V VC	VC VALVE CABINET VENT VENTILATION VERT VERTICAL VEST VESTIBULE VR VAPOR RETARDER VTR VENT THROUGH ROOF	
			EXISTING EXISTING ELECTRIC CABINET EXHAUST FAN		ко L	KNOCK OUT	OC OD OFF OH OP OPER	ON CENTER OUTSIDE DIAMETER OFFICE OVERHEAD OPERABLE PARTITION OPERATOR			VEST VR		
	EIFS EJT EL ELEC	EIFS EXTERIOR INSULATION AND FINISH SYSTEM EJT EXPANSION JOINT EL ELEVATION ELEC ELECTRICAL	Н	L LAVATORY LAV LAVATORY LB POUND LCD LINEAR CEILING DIFFUSER	OPP OPPOSITE	OPENING OPPOSITE OVERFLOW ROOF DRAIN	SL SLNT SLV SM SNC SND	SEALER SEALANT SLEEVE SURFACE MOUNTED SANITARY NAPKIN CABINET SANITARY NAPKIN DISPOSER	W W W/ W/O	WIDTH/WIDE WIDE FLANGE WITH WITHOUT			
C C DISP CAB CG CH CJT CCTV CD CG CL CLG CLR CMU CO CO COL	CAB CABINET CG CORNER GUARD CH COAT HOOK CJT CONTROL JOINT CCTV CLOSED CIRCUIT TELEVISION CD COILING DOOR CG COILING GRILLE CL CENTER LINE CL CLASS CLG CEILING CLR CLEAR CM CONSTRUCTION MANAGER CMU CONCRETE MASONRY UNIT CO CASED OPENING	ELEV EMERG ENCL ENTR EO EP EQ EQUIP ES EWC EXA EXC EXH EXIST EXP EXT	ELEVATOR EMERGENCY ENCLOSURE ENTRANCE ELECTRICAL OUTLET EXPLOSION PROOF EQUAL EQUIPMENT END SECTION ELECTRIC WATER COOLER EXHAUST AIR EXCAVATE/-ED/-ION EXHAUST HOOD EXISTING EXPANSION EXTERIOR	H HB HD HDCP HDR HDW HM HORIZ HPT HR HT HTR HVAC HW HWD	HIGH HOSE BIB HAND DRYER HANDICAP HEADER HARDWARE HOLLOW METAL HORIZONTAL HIGHPOINT HANDRAIL HEIGHT HEATER HEATING, VENTILATING, AIR CONDITIONING HOT WATER HARDWOOD	LF LIN LKR LLH LLV LMC LOC LPT LS LT LTG LVR LWC	LF LINE FIGURED LIN LINEAR LKR LOCKER LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL LMC LINEAR METAL CEILING LOC LOCATION OR LOCATE LPT LOW POINT LS LAWN SPRINKLING LT LIGHT LTG LIGHTING LVR LOUVER	PART PB PC PCD PED PL PL PLAM PLBG PLS PLW PNL PR PRESIM PRESS PRESS PRIM PROJ PRV PT PTC PTR	PARTITION PUSH BUTTON PRECAST CONCRETE PAPER CUP DISPENSER PEDESTAL PLATE PROPERTY LINE PLASTIC LAMINATE PLUMBING PLASTER PLYWOOD PANEL PAIR PRELIMINARY PLASTIC RESIN PRESSURE PRIMARY PROJECTION POWER ROOF VENTILATOR PAINT PAPER TOWEL CABINET PRINTER	SOG SP SPEC SPR SQ SQ YD SR SS SST ST STC STD STL STN STNL STNL STOR STRUCT STS SUPV SUSP SW SW	SLAB ON GRADE STANDPIPE EC SPECIFICATIONS R SINGLE PLY ROOF SQUARE AYD SQUARE YARD SERVICE RECEPTOR SERVICE SINK T STAINLESS STEEL STREET STONE TILE C SOUND TRANSMISSION D STANDARD L STEEL N STONE NL STONE NL STONE RUCT STRUCTURAL S STEEL STRUCTURAL S STEEL STRUCTURE IPV SUPERVISOR ISP SUSPENDED V STEEL WINDOWS V SWITCH	WC WAT WC WALI WD WOO W/D WAS WDW WINE WG WALI WH WALI WHCH WHE WHTR WAT WP WAT WR WAS WS WEA WSCT WAIN WT WINE WT WEIO WW WOO	WATER CLOSET WALL COVERING WOOD WASH & DRYER WINDOW WALL GUARD WALL HYDRANT WHEELCHAIR WATER HEATER WATERPROOF WASTE RECEPTACLE WEATHERSTRIP WAINSCOT WINDOW TREATMENT WEIGHT WOOD WINDOW WELDED WIRE FABRIC







1,963.74 sq.ft.



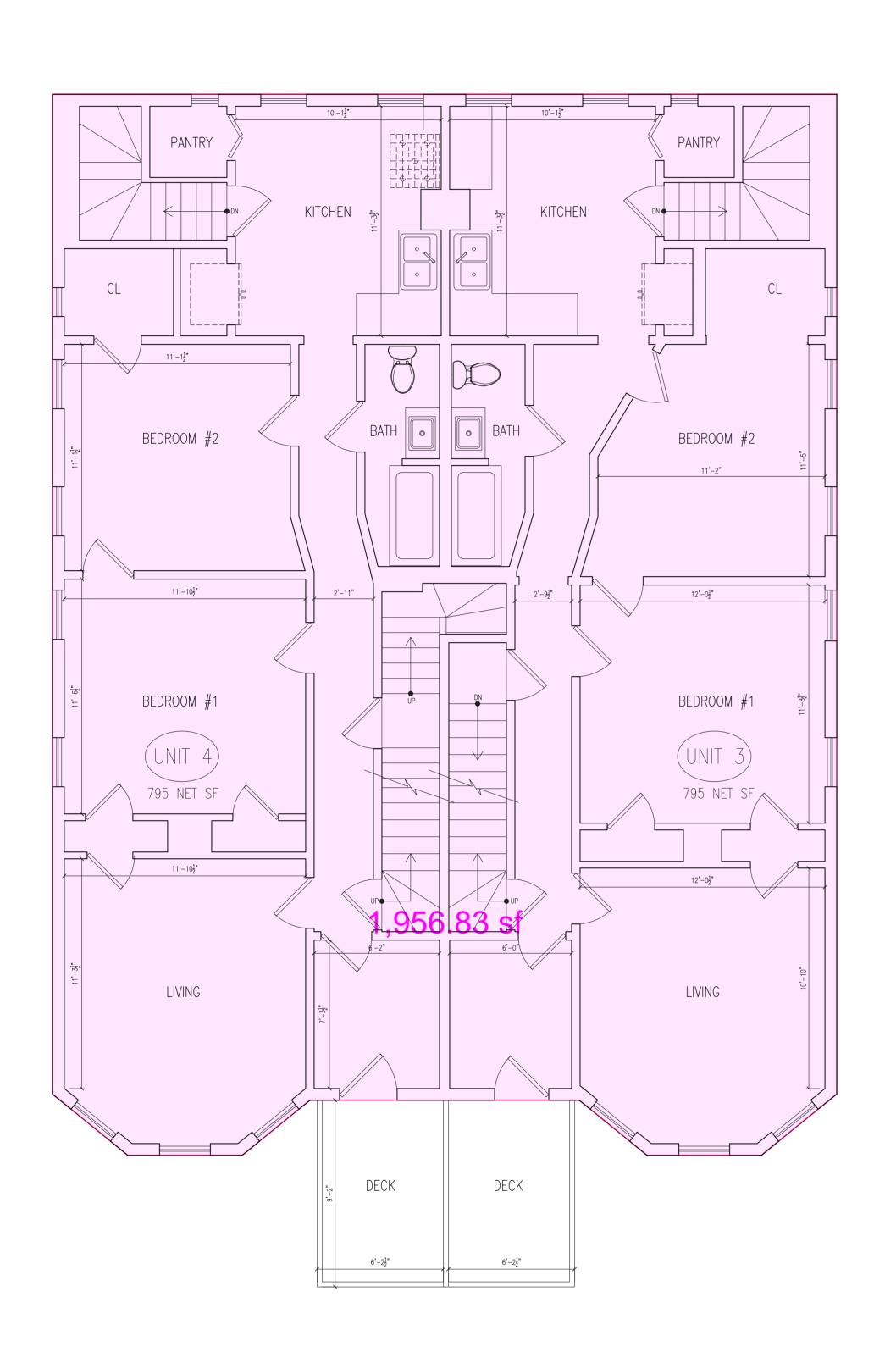
1 LEVEL 1 PLAN SCALE: 1/4" = 1'-0"

2,037.99 sq.ft.

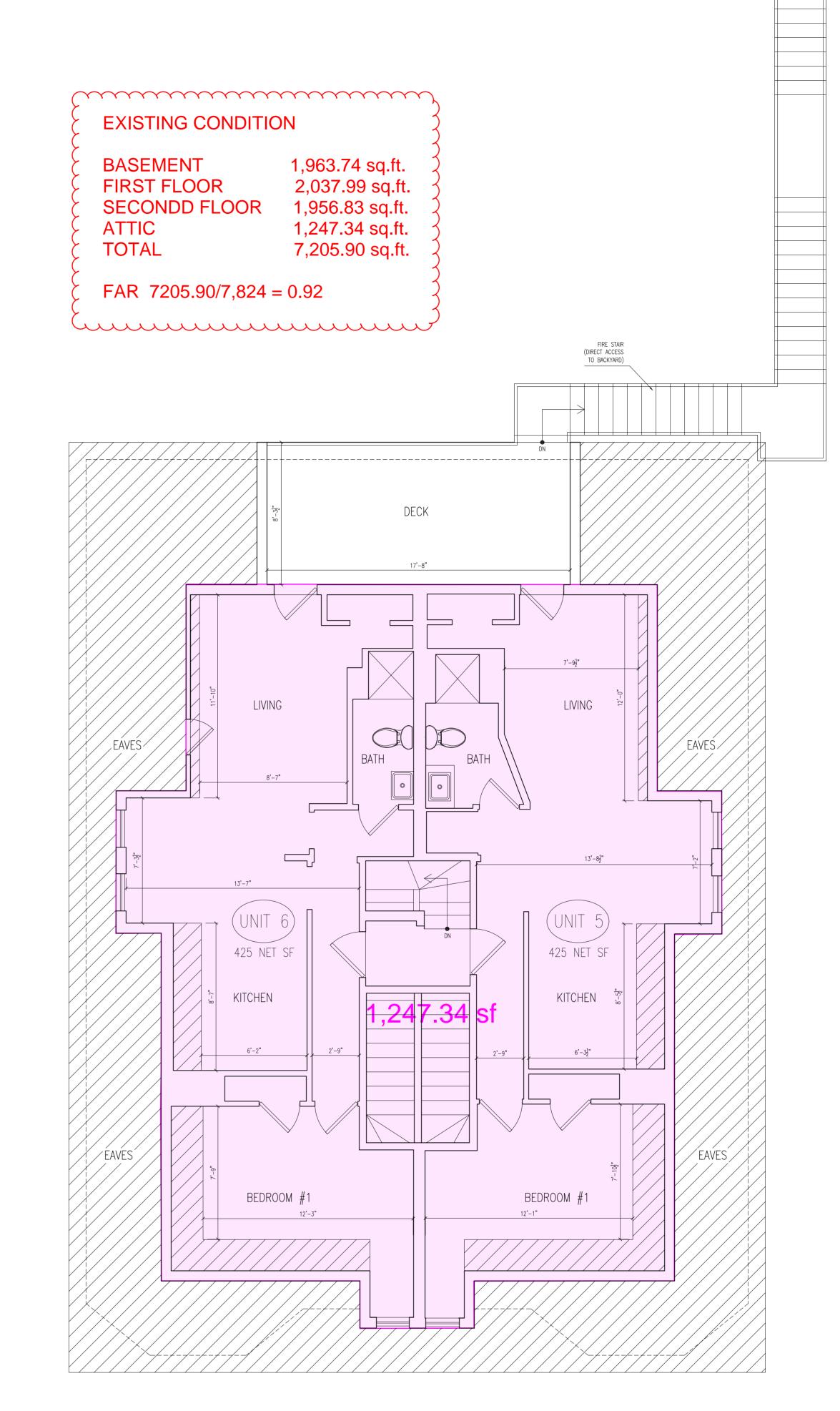
MF ENGINNERING & DESIGN INC.
142 FISHER STREET
WESTBOROUGH, MA 01581
EMAIL: CARLOS.FERREIRA@MF-ENG.COM
PHONE: (508) 331-7261 ENGINEERING & DESIGNS

ADDRESS: 18-20 BELKNAP ST ARLINGTON, MA

798 ft²



2 LEVEL 1 PLAN SCALE: 1/4" = 1'-0" 1,956.83 sq.ft.



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

1,247.34 sq.ft.

ADDRESS:

18-20 BELKNAP STREET

ARLINGTON, MA

DRAWN BY: FLM

AREA: 7798 ft²

& DESIGN INC.

MF ENGINNERING 8
142 FISHER STREET
WESTBOROUGH, MA 01581
EMAIL: CARLOS.FERREIRA@MFPHONE: (508) 331-7261

ENGINEERING & DESIGNS





	Door Sched	ule
Type Mark	Height	Width
	a. a.,	
D01	6' - 8"	2' - 8"
D01: 36		
D02	7' - 0 1/4"	2' - 11 7/16"
D02: 16		
D03	7' - 0 1/4"	4' - 7 1/8"
D03: 4		-
D04	7' - 0"	3' - 4"
D04: 8		·
D06	7' - 0"	5' - 0"
D06: 8		
D07	7' - 0 1/4"	3' - 6"
D07: 8		
D08	6' - 0"	3' - 0"
D08: 4		
D09	5' - 8"	2' - 8"
D09: 4		

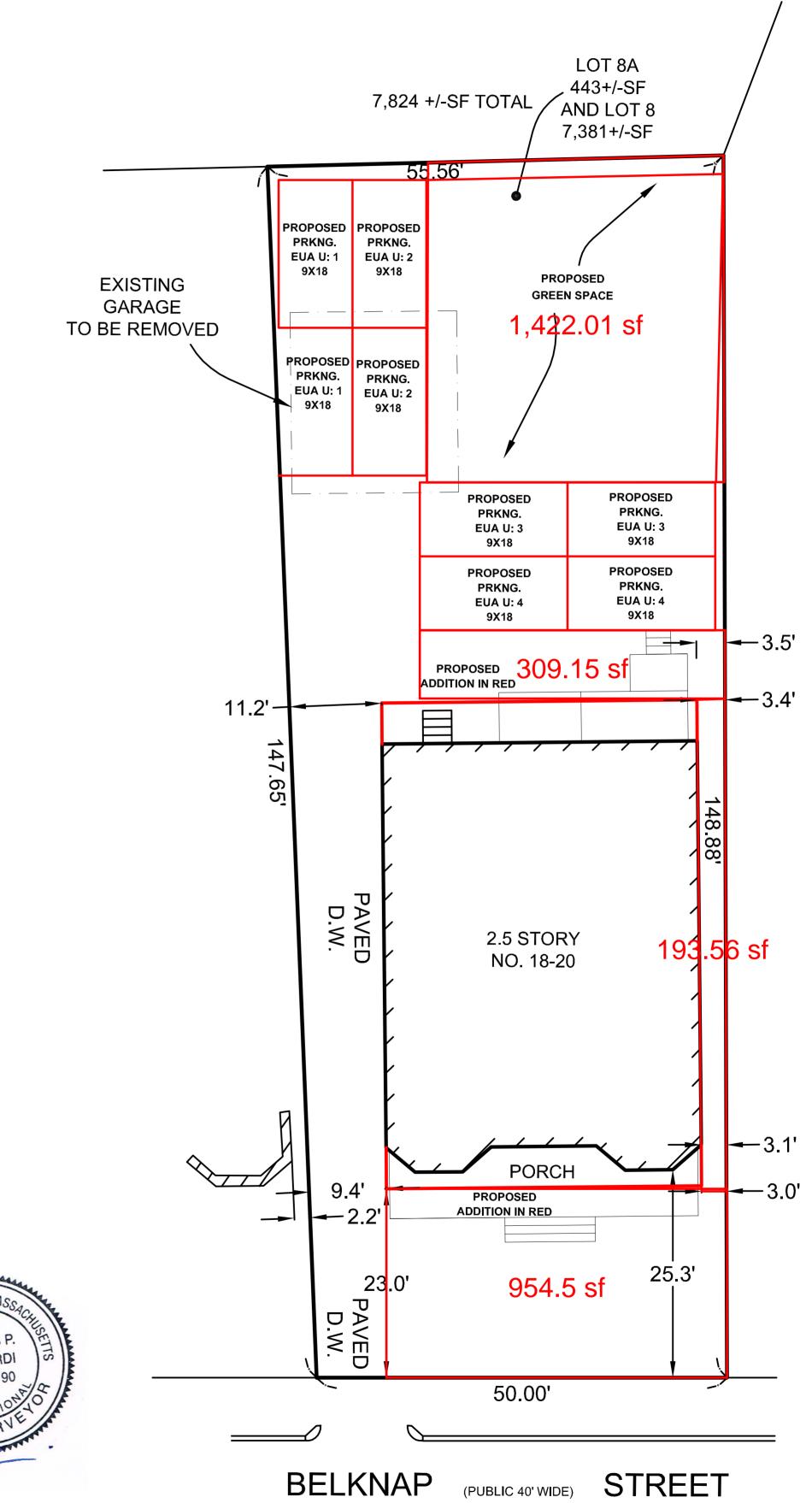
Grand total: 88

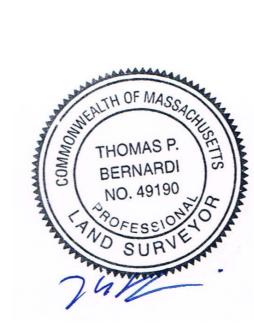
VV	indow Sche	dule
Type Mark	Height	Width
	Oll	0.11
2	0"	0"
2: 4		
W01	2' - 10"	3' - 2"
W01: 8		
W02	4' - 0"	3' - 0"
W02: 52		
W03	2' - 0"	2' - 0"
W03: 2		
W04	5' - 0"	2' - 8"
W04: 4		
W05	3' - 0"	2' - 0"
W05: 10		
Grand total:	80	

	AREAS BY FLOOR	
Name	Level	Area
JNIT 1	BASEMENT	552 ft²
JNIT 2	BASEMENT	552 ft ²
JNIT 3	BASEMENT	562 ft ²
JNIT 4	BASEMENT	562 ft ²
BASEMEN		2229 ft ²
JNIT 1	FIRST FLOOR	552 ft²
JNIT 2	FIRST FLOOR	552 ft ²
JNIT 3	FIRST FLOOR	562 ft ²
JNIT 4	FIRST FLOOR	562 ft ²
FIRST FLO	OOR	2229 ft ²
JNIT 1	SECOND FLOOR	552 ft ²
JNIT 2	SECOND FLOOR	552 ft ²
JNIT 3	SECOND FLOOR	562 ft ²
JNIT 4	SECOND FLOOR	562 ft ²
SECOND I	FLOOR	2229 ft ²
JNIT 1	THIRD FLOOR	210 ft ²
JNIT 2	THIRD FLOOR	210 ft ²
JNIT 3	THIRD FLOOR	346 ft ²
JNIT 4	THIRD FLOOR	346 ft ²
THIRD FLO	OOR	1112 ft ²
Grand tota	7798 ft ²	

	AREAS BY UNIT	
Name	Level	Area
UNIT 1	BASEMENT	552 ft ²
UNIT 1	FIRST FLOOR	552 ft ²
UNIT 1	SECOND FLOOR	552 ft ²
UNIT 1	THIRD FLOOR	210 ft ²
UNIT 1		1866 ft ²
UNIT 2	BASEMENT	552 ft ²
UNIT 2	FIRST FLOOR	552 ft ²
UNIT 2	SECOND FLOOR	552 ft ²
UNIT 2	THIRD FLOOR	210 ft ²
UNIT 2		1866 ft ²
UNIT 3	BASEMENT	562 ft ²
UNIT 3	FIRST FLOOR	562 ft ²
UNIT 3	SECOND FLOOR	562 ft ²
UNIT 3	THIRD FLOOR	346 ft ²
UNIT 3		2033 ft ²
UNIT 4	BASEMENT	562 ft ²
UNIT 4	FIRST FLOOR	562 ft ²
UNIT 4	SECOND FLOOR	562 ft ²
UNIT 4	THIRD FLOOR	346 ft ²
UNIT 4	•	2033 ft ²
Grand total		7798 ft ²









1'-0"

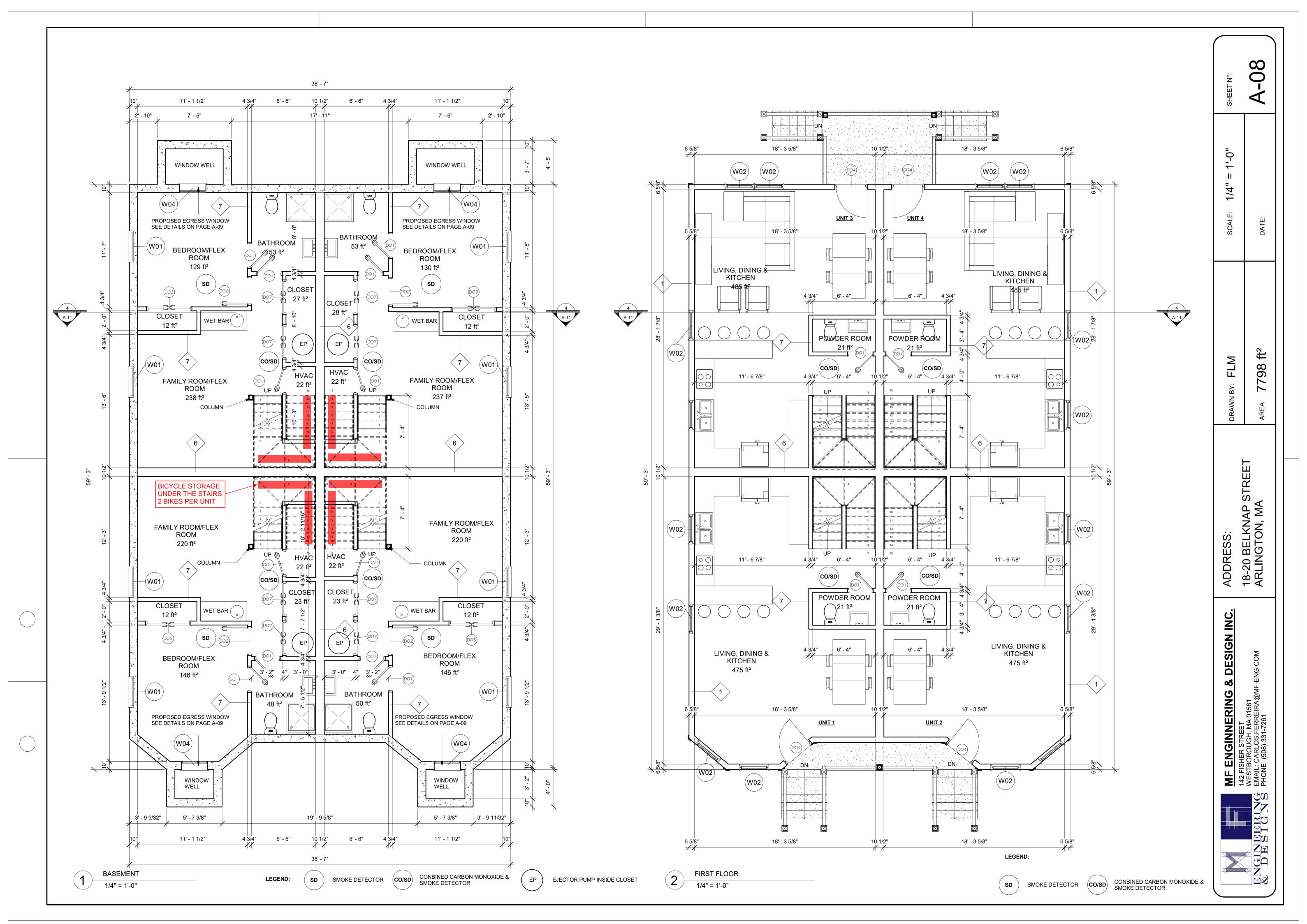
12"

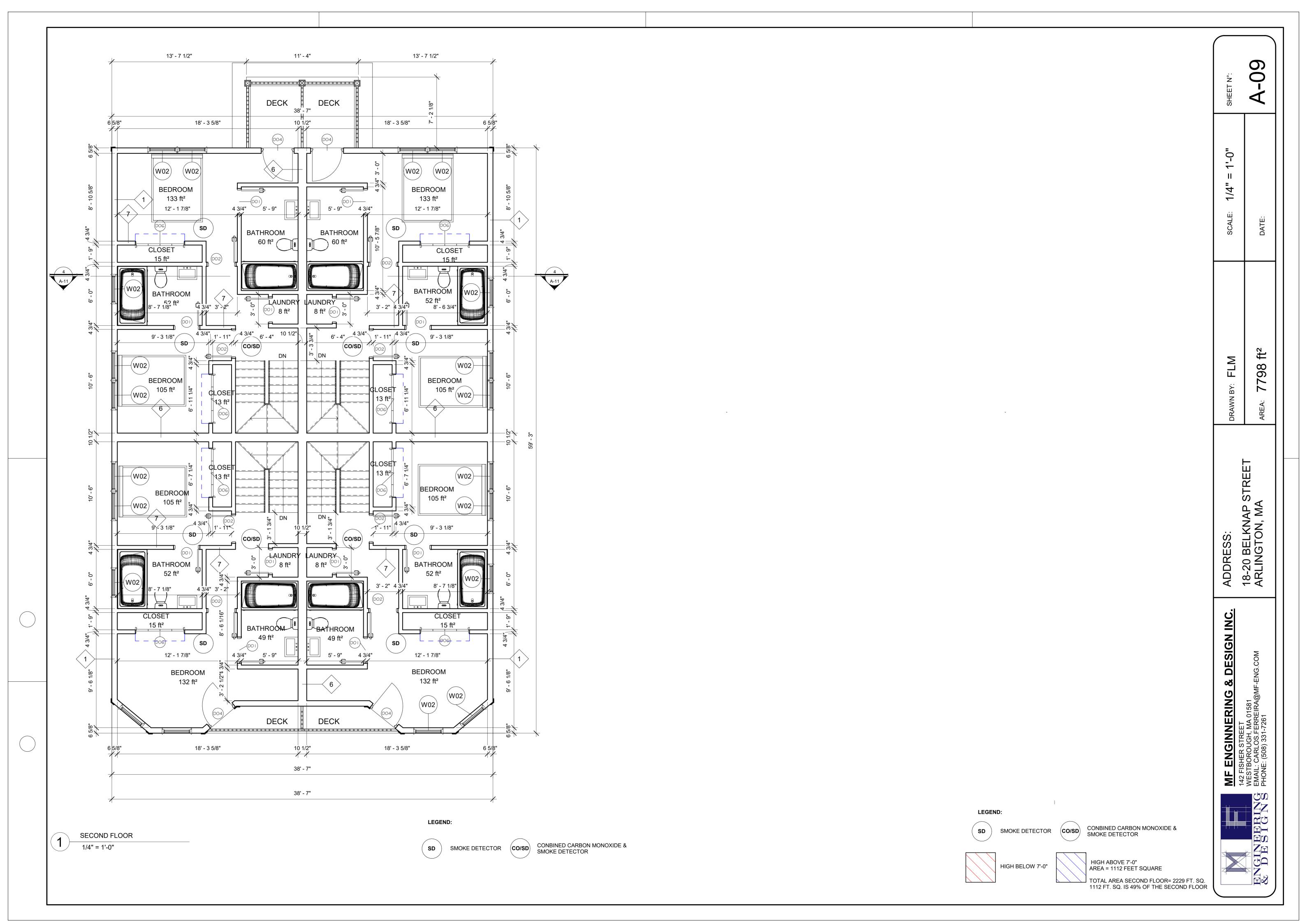
SCALE:

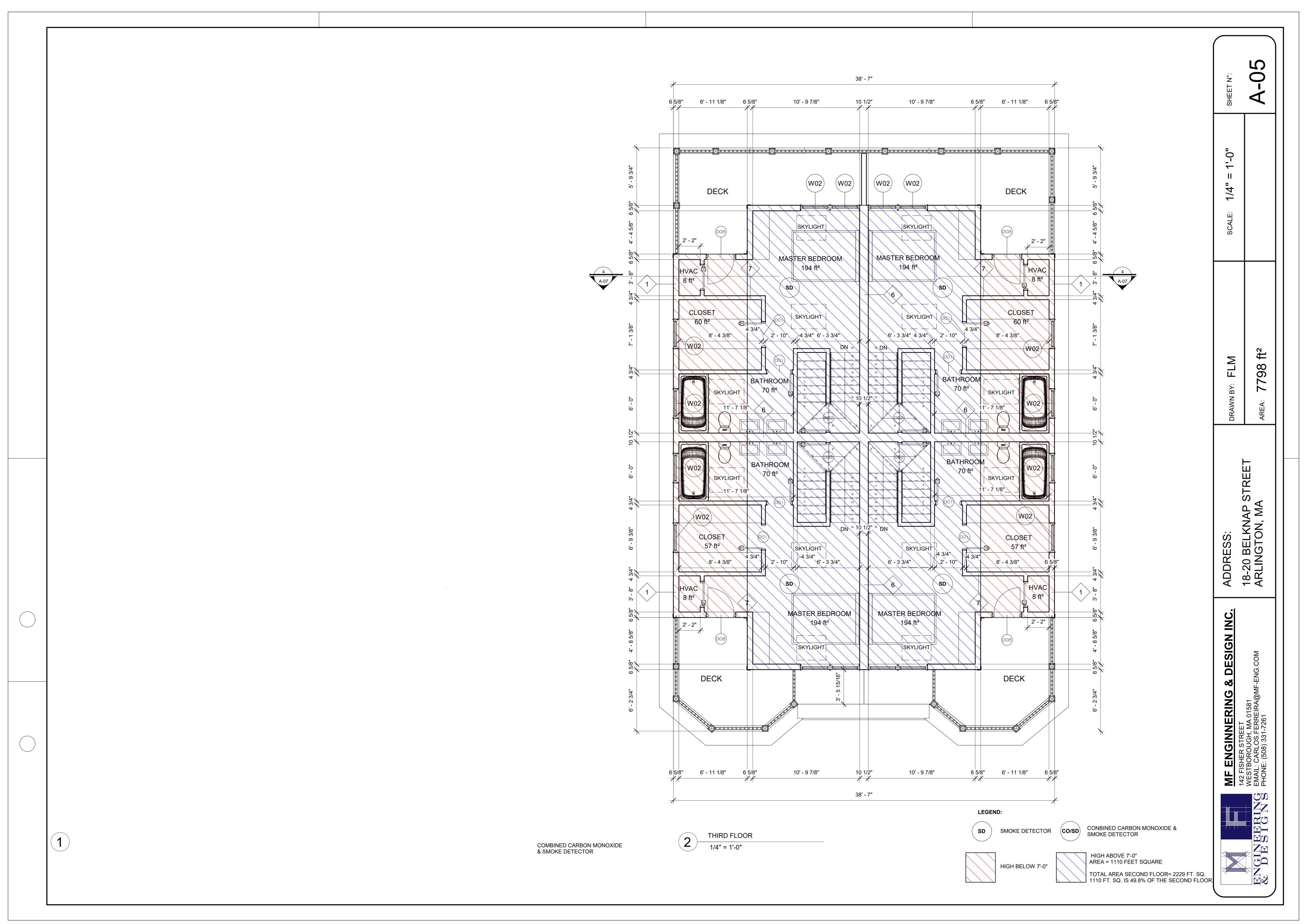
FLM

DRAWN BY:

798 ft²

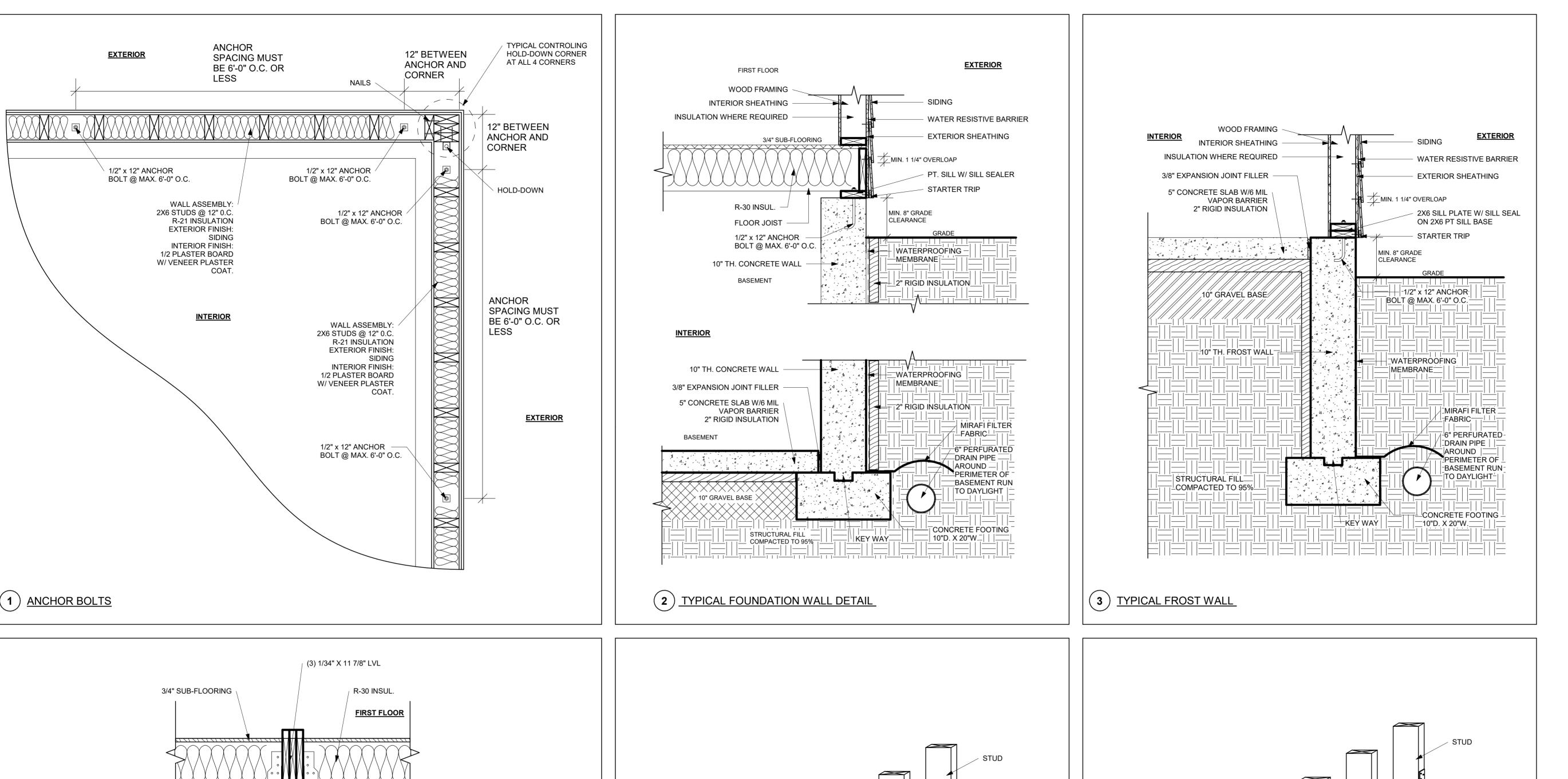


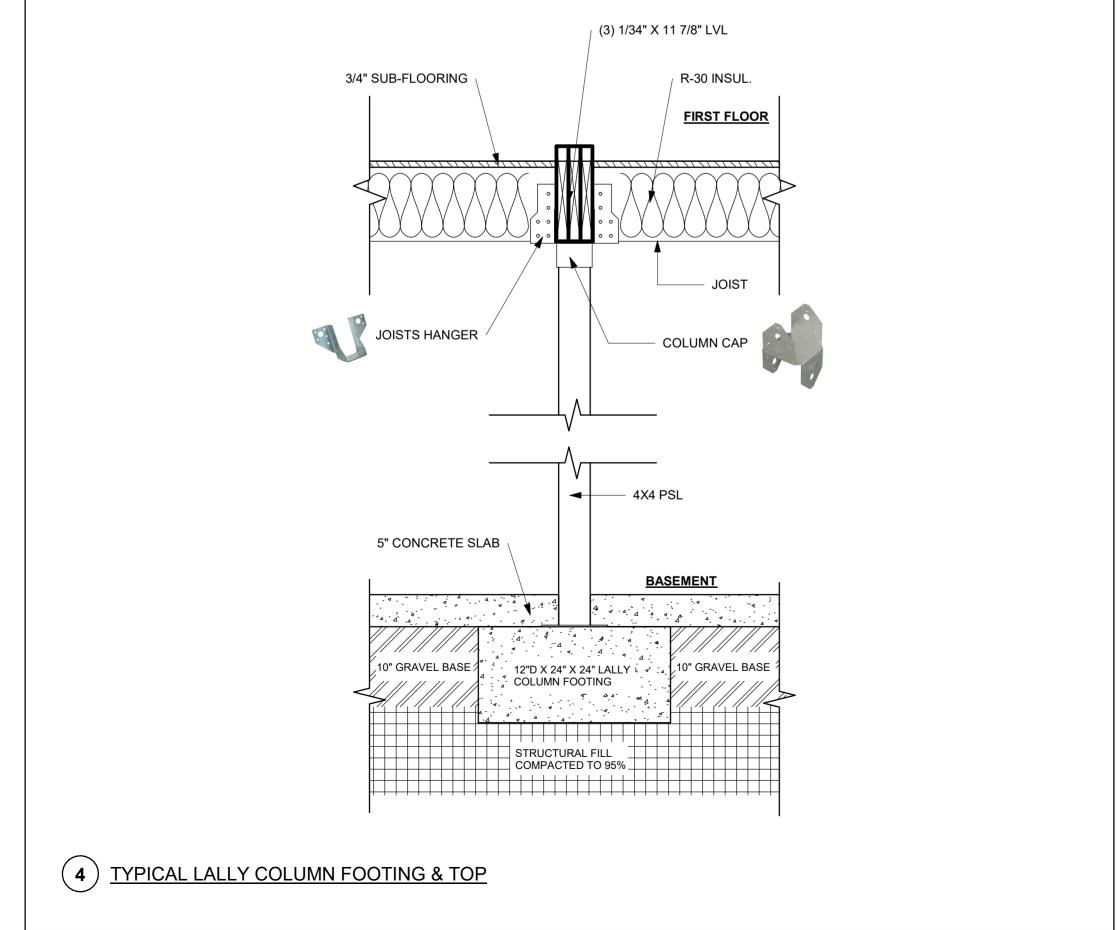












ANCHOR SPACING MUST

BE 6'-0" O.C. OR

1/2" x 12" ANCHOR

BOLT @ MAX. 6'-0" O.C.

LESS

WALL ASSEMBLY:

R-21 INSULATION

EXTERIOR FINISH:

INTERIOR FINISH:

COAT.

INTERIOR

1/2 PLASTER BOARD

W/ VENEER PLASTER

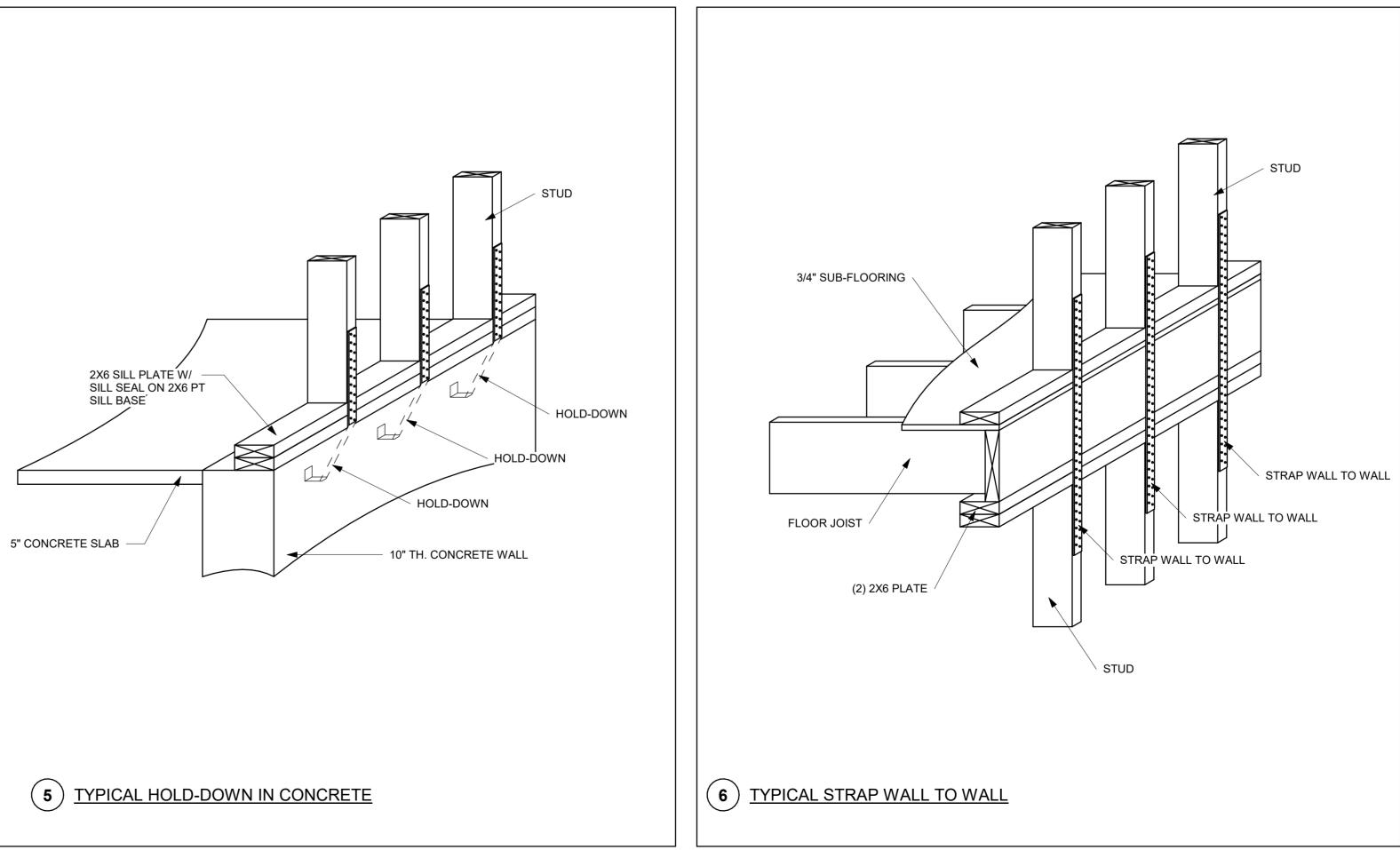
2X6 STUDS @ 12" 0.C.

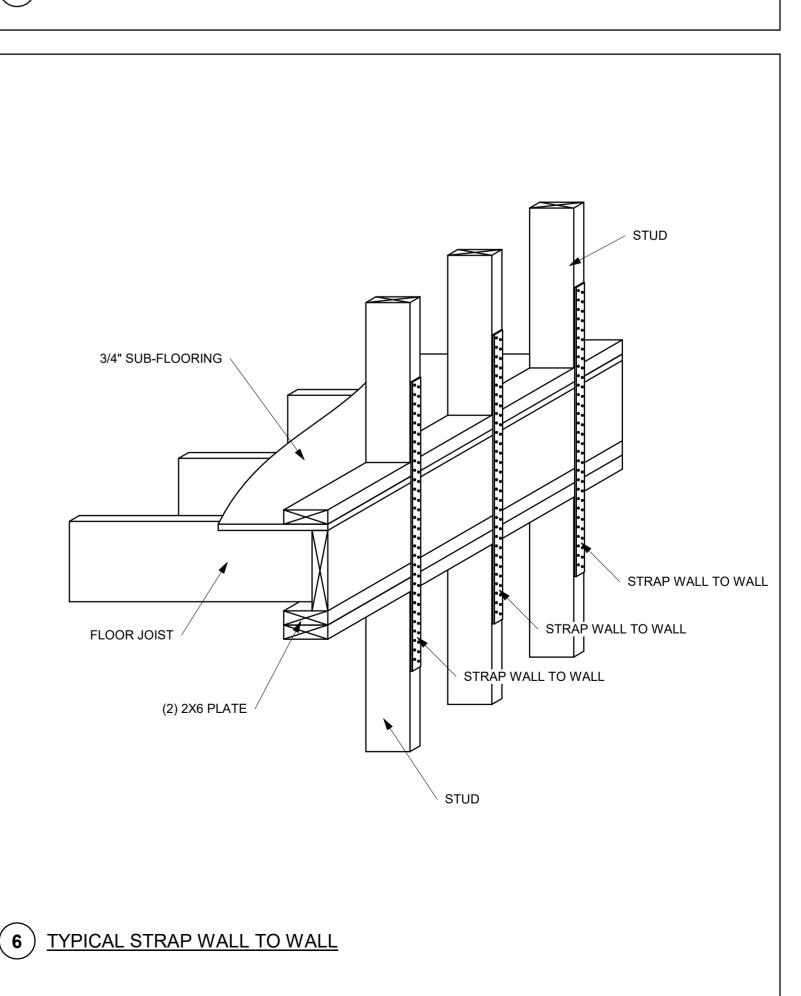
EXTERIOR

1/2" x 12" ANCHOR

(1) ANCHOR BOLTS

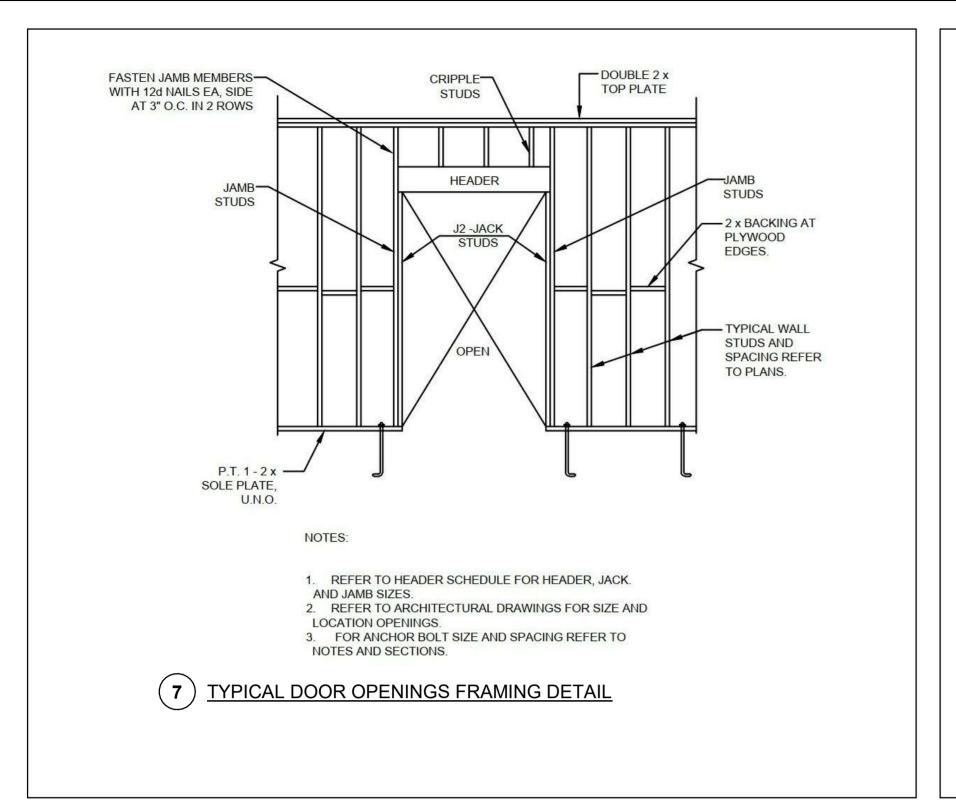
BOLT @ MAX. 6'-0" O.C.

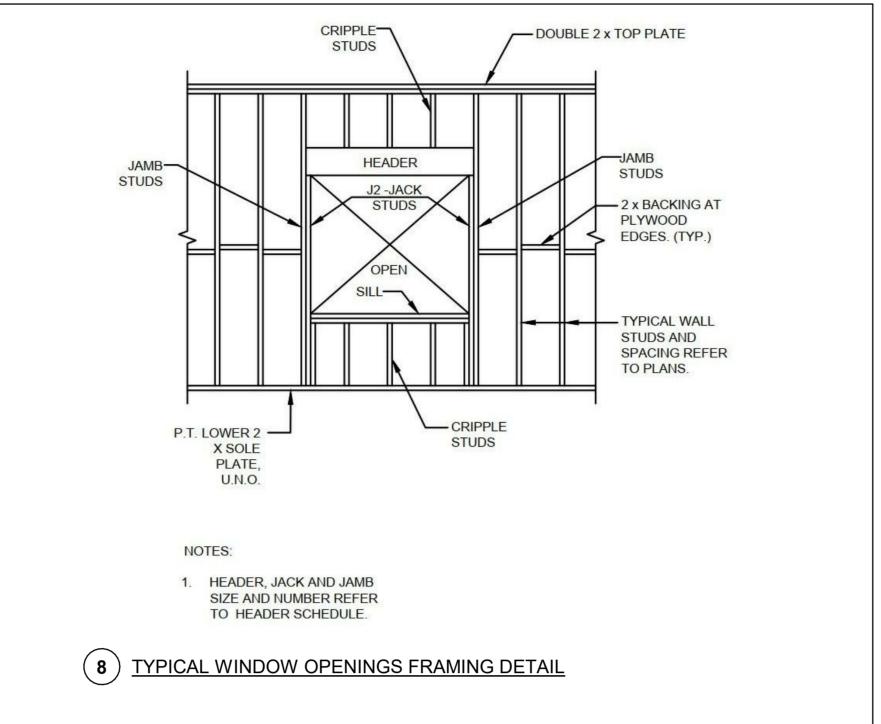


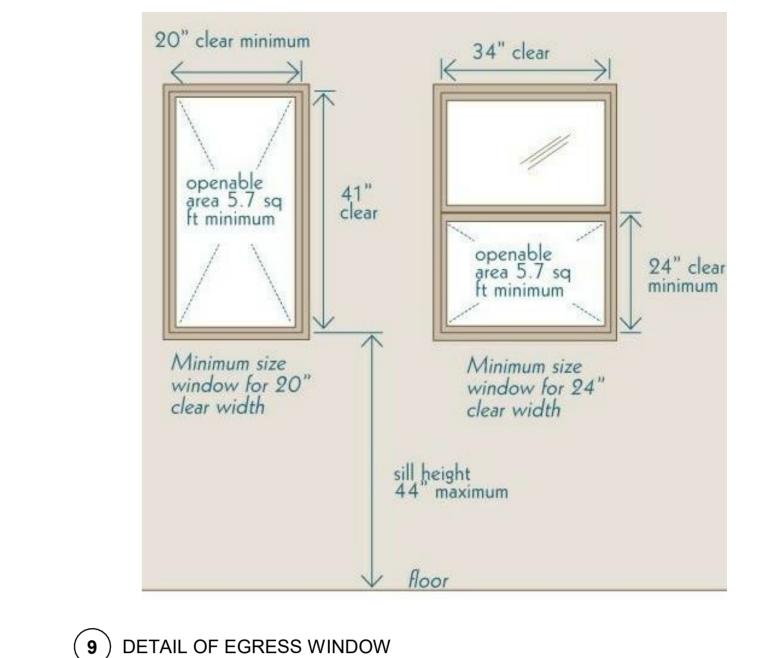


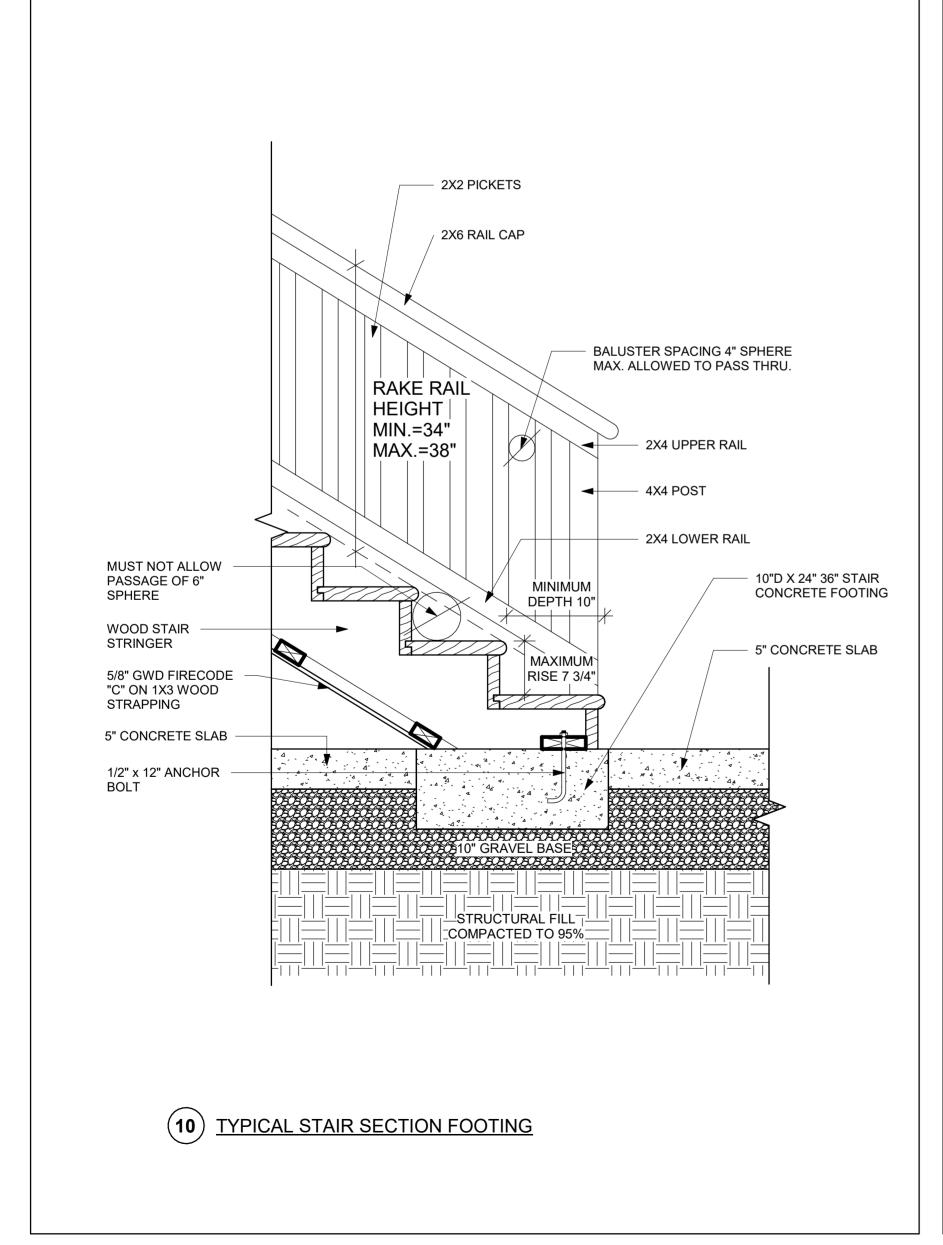
DRAWN BY: FLM	AREA: 7798 ft ²	
ADDRESS:	18-20 BELKNAP STREET ARLINGTON, MA	
NERING & DESIGN INC.	EET I, MA 01581 FERREIRA@MF-ENG.COM 1-7261	

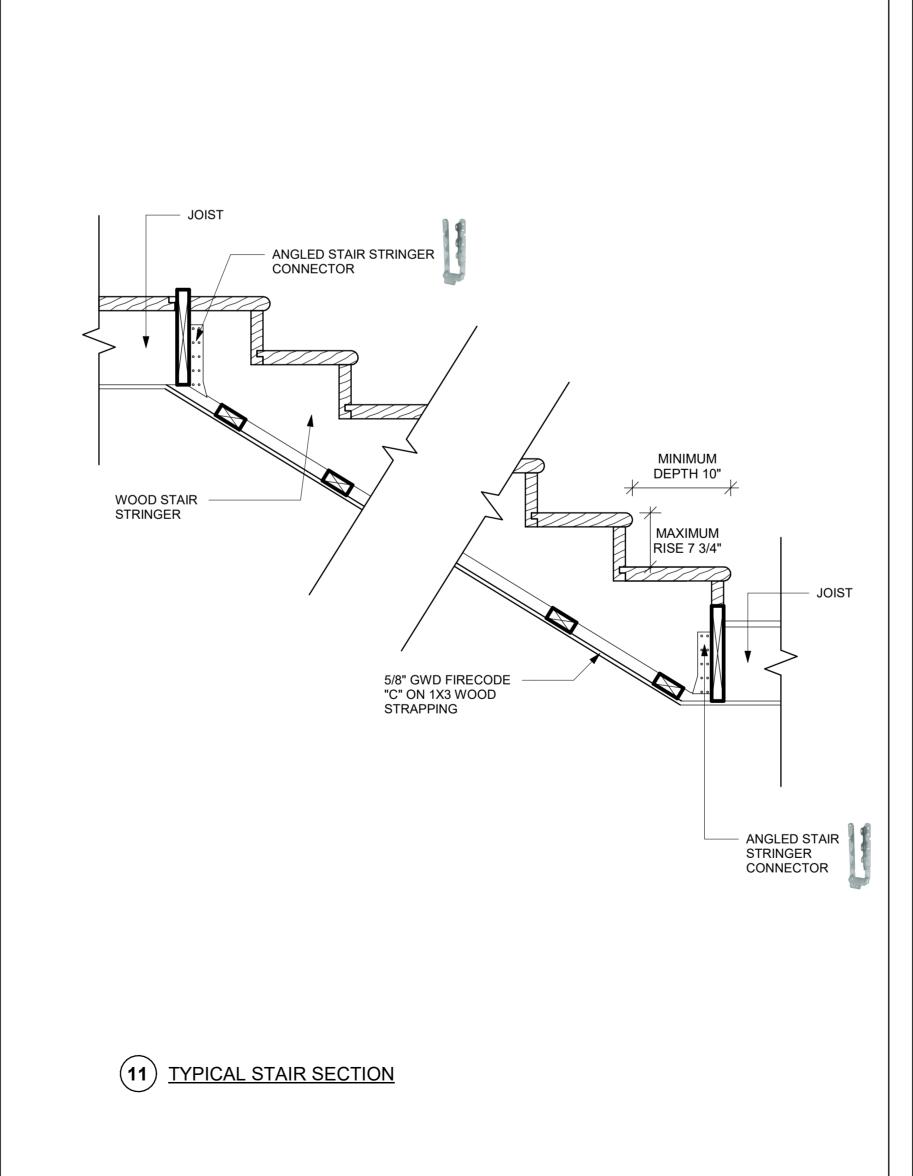
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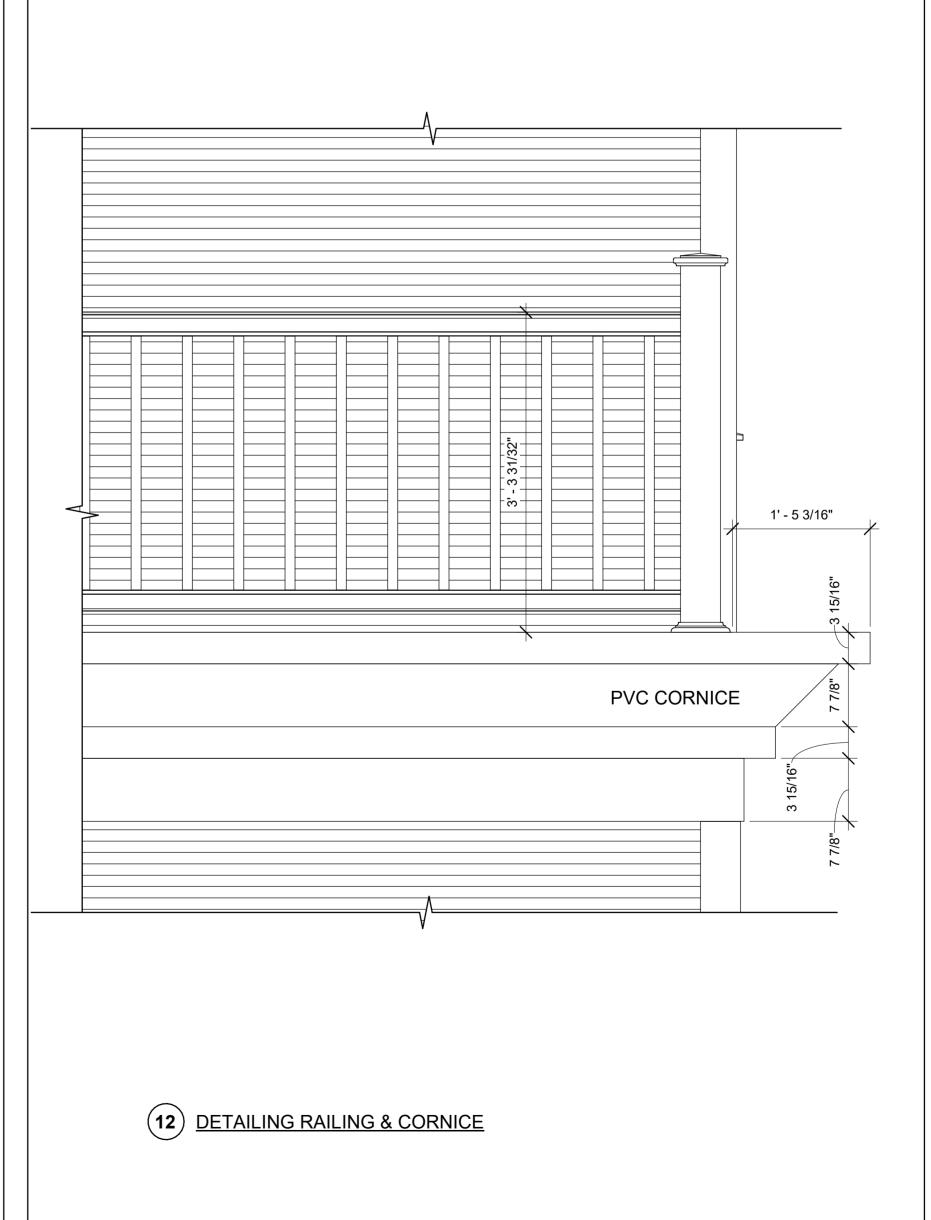


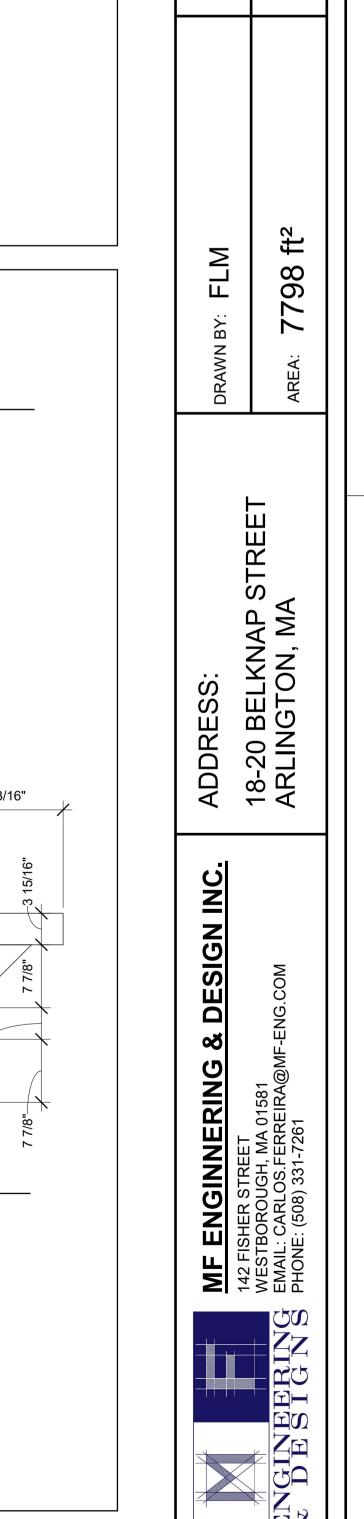








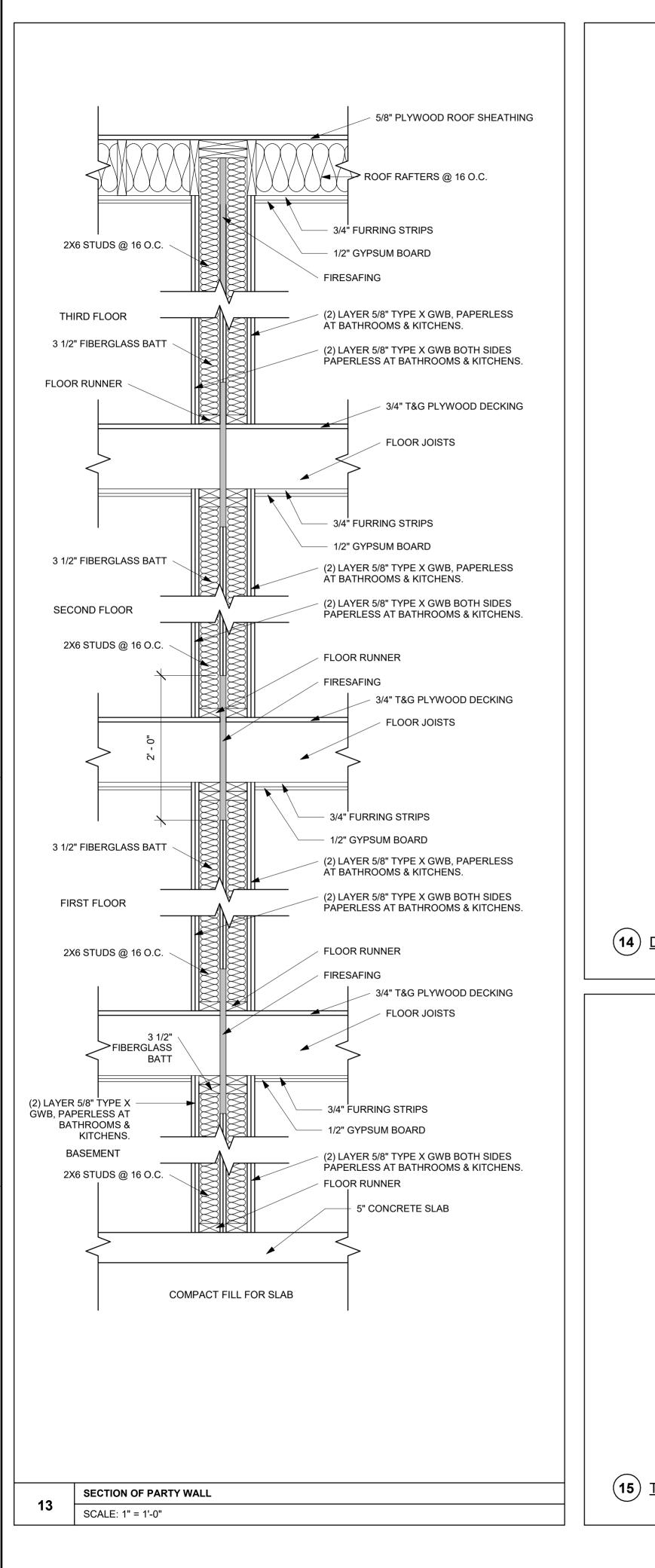


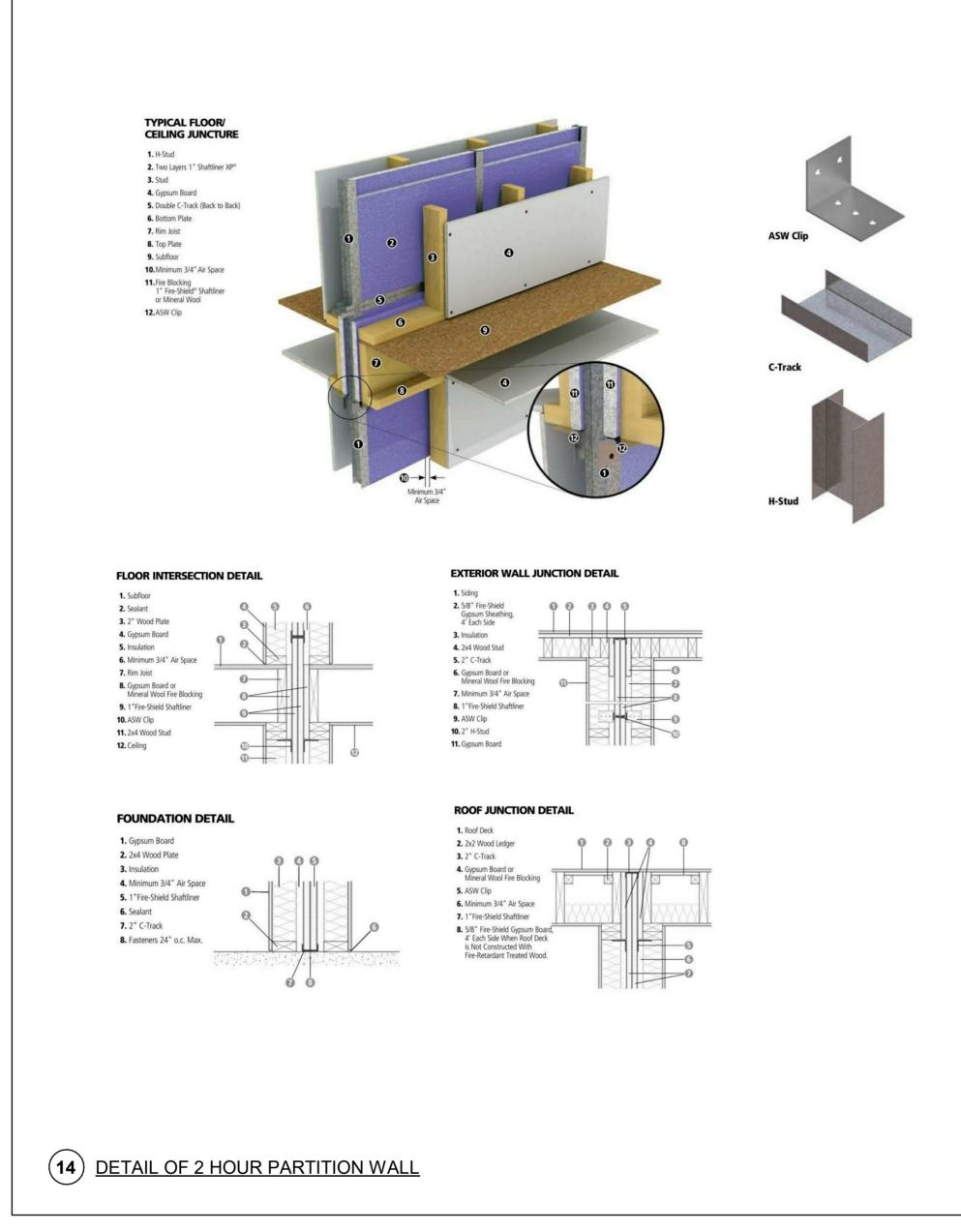


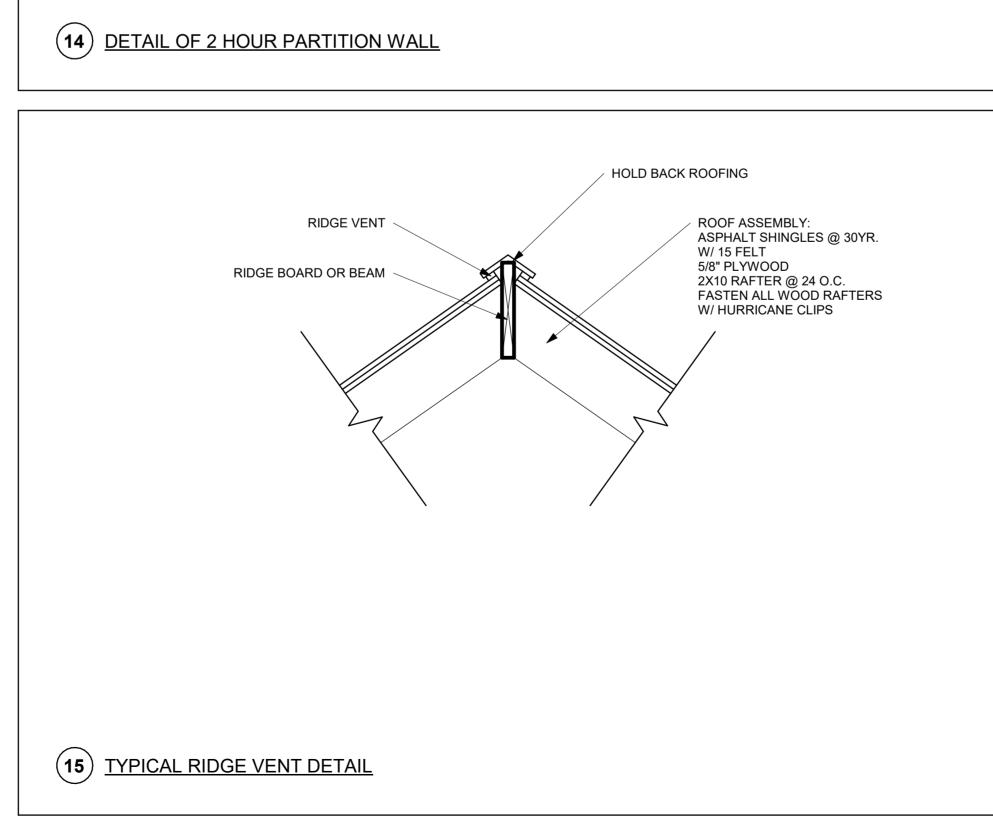
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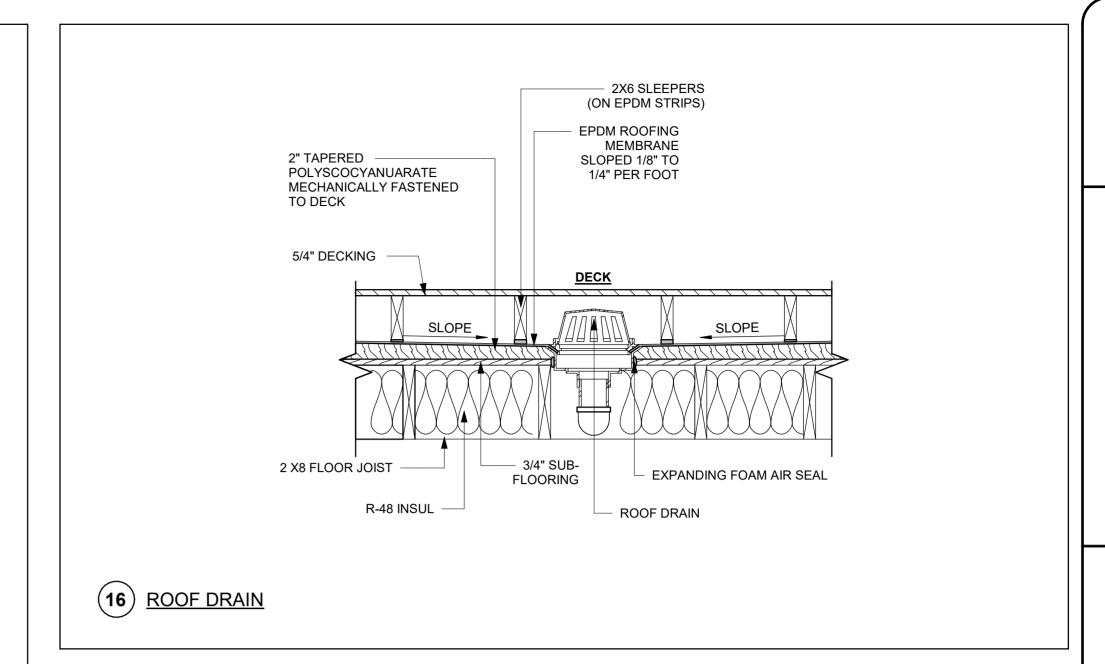
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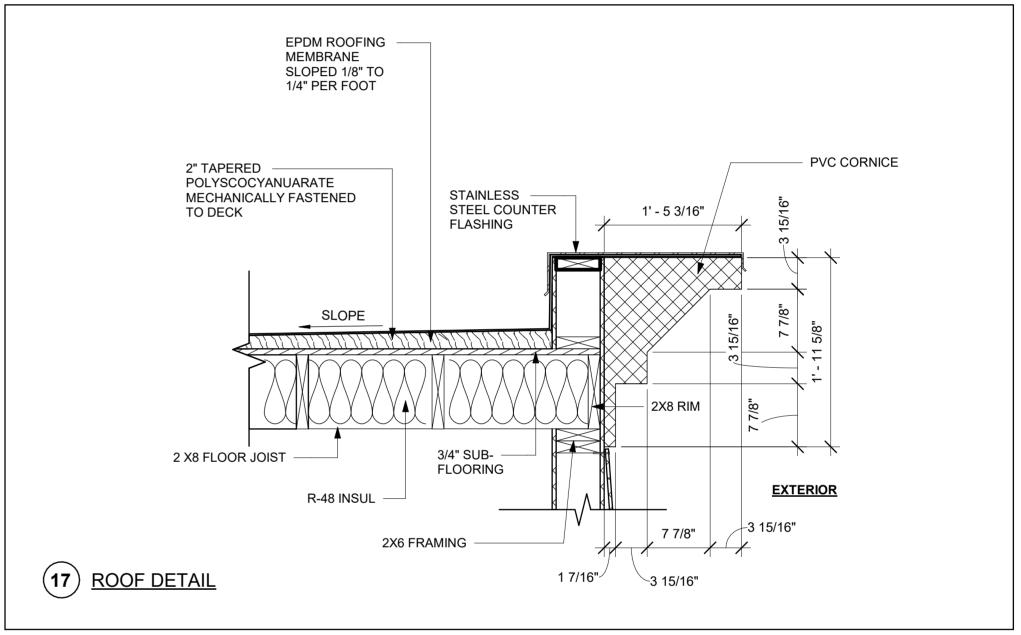
18-20 BELKNA ARLINGTON, I

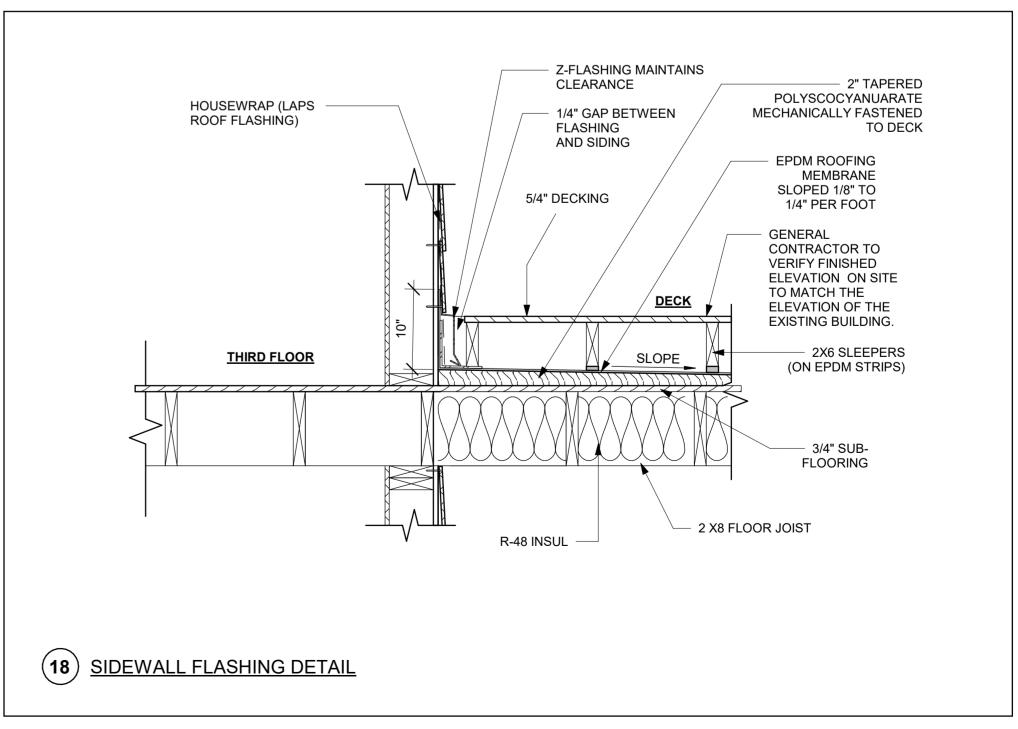


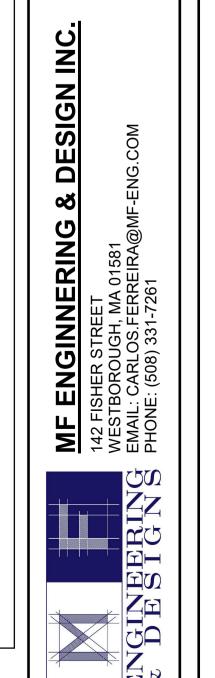








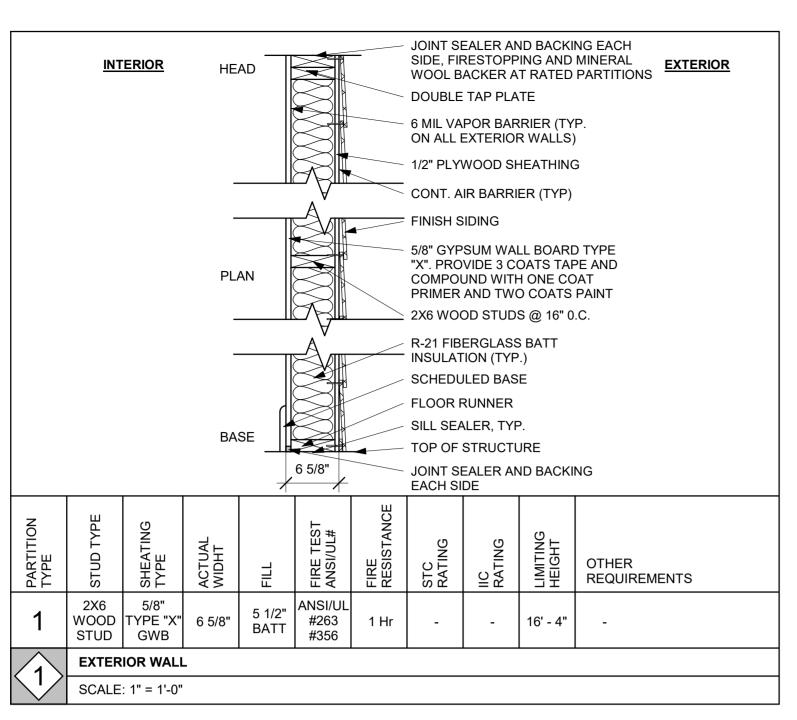


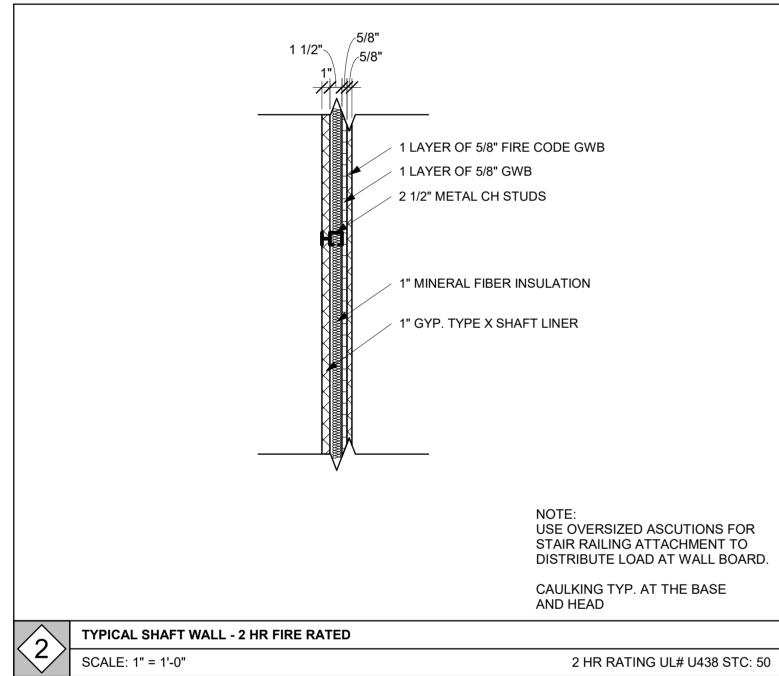


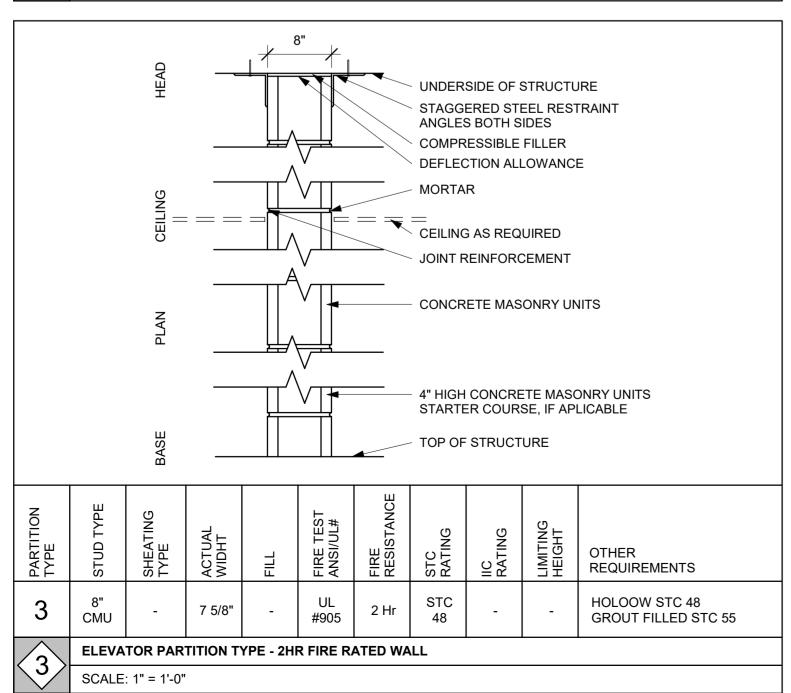
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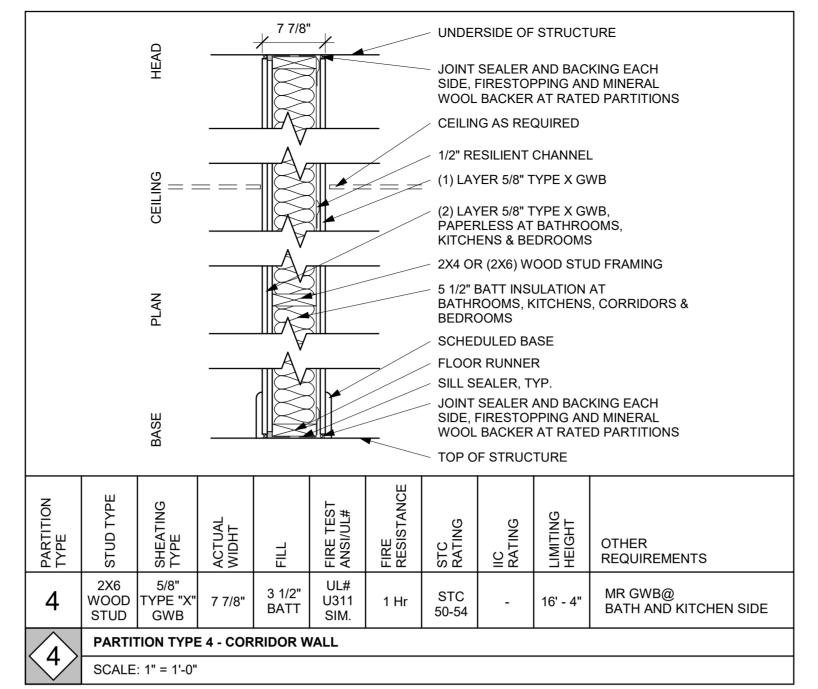
18-20 BELKNAP S ARLINGTON, MA

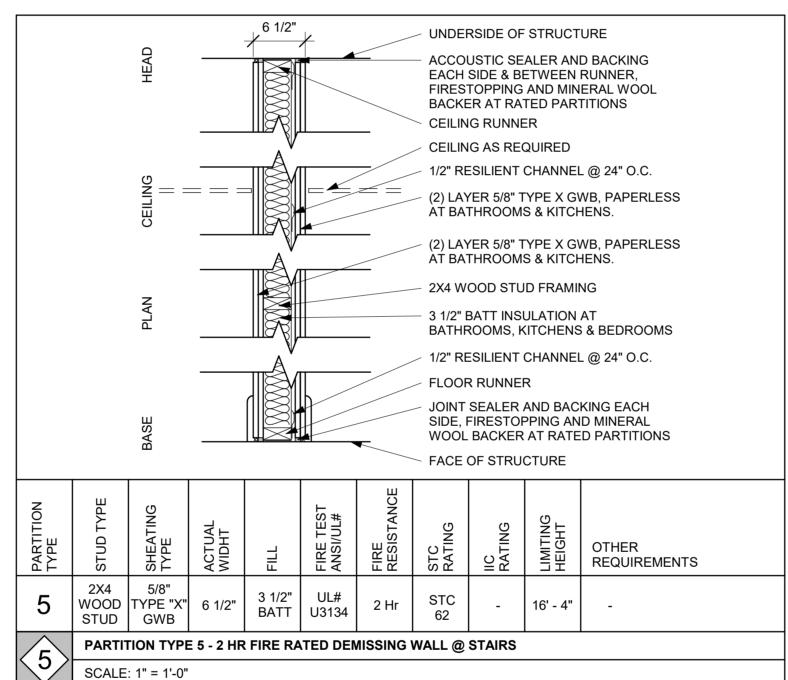
ADDRE

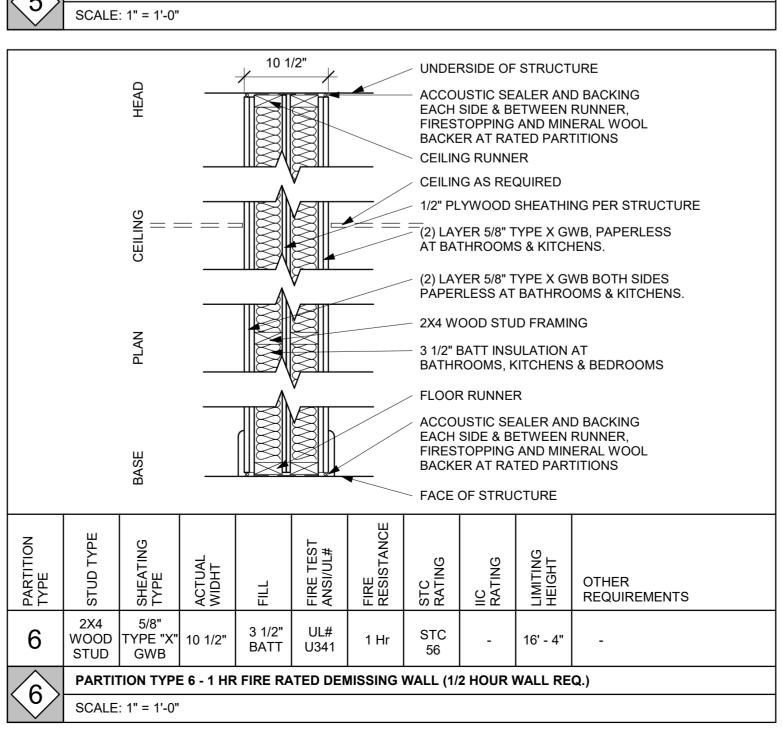












FIRE PARTITIONS BY TYPE, LOCATION AND RATINGS FOR THIS PROJECT:

BEARING EXTERIOR WALLS: COMBUSTIBLE CONSTRUCTION WITH ONE HOUR FIRE RATINGS AS REQUIRED FOR TYPE VA CONSTRUCTION. ALL EXTERIOR WALLS ARE BEARING.

INTERIOR BEARING WALLS, COLUMNS AND BEAMS: COMBUSTIBLE MATERIALS WITH ONE-HOUR FIRE RATINGS AS REQUIRED FOR TYPE VA CONSTRUCTION EXCEPT WHEN SUPPORTING HIGHER RATED COMPONENTS SUCH AS TWO HOUR RATED STAIR ENCLOSURES.

INTERIOR FLOOR ASSEMBLIES: COMBUSTIBLE WITH ONE-HOUR FIRE RATINGS AS REQUIRED FOR TYPE VA CONSTRUCTION EXCEPT WHEN SUPPORTING HIGHER RATED COMPONENTS SUCH AS TWO HOUR RATED STAIR ENCLOSURES.

ROOF ASSEMBLY: COMBUSTIBLE MATERIALS WITH ONE-HOUR FIRE RATING AS REQUIRED FOR TYPE VA CONSTRUCTION.

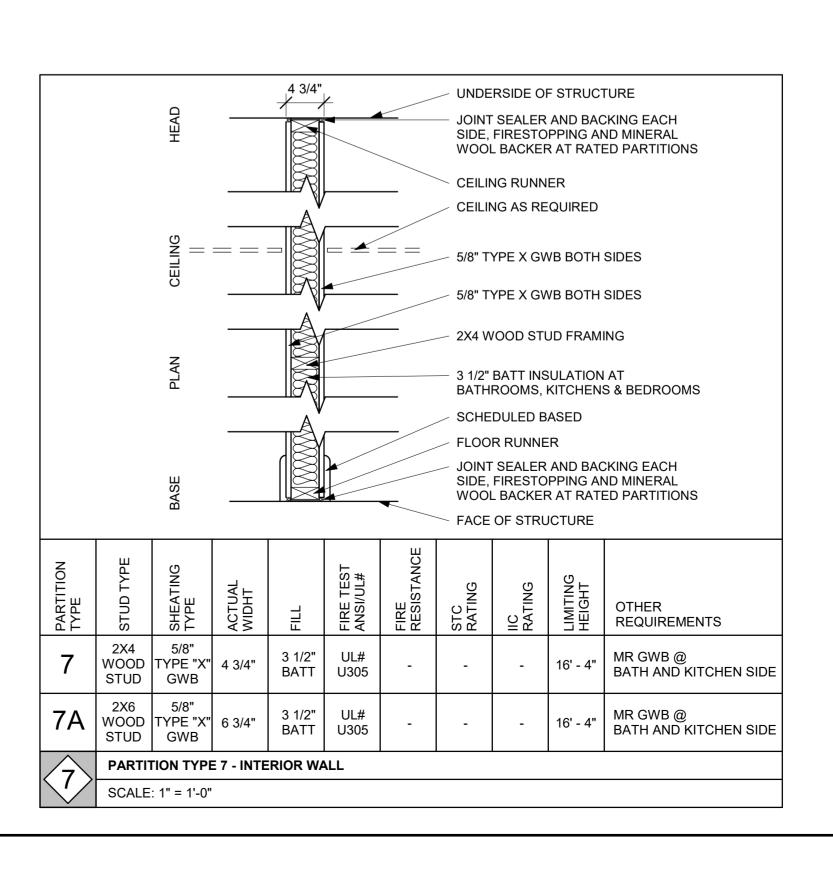
SHAFT AND STAIRS ENCLOSURES: CONNECTING FOUR OR MORE FLOORS. THIS APPLIES TO THE TRASH CHUTE, ALL STAIRS AND THE ELEVATORS. THE SUPPORTING CONSTRUCTION FOR TWO-HOUR FIRE BARRIERS WOULD ALSO BE REQUIRED TO HAVE A TWO-HOUR RATING.

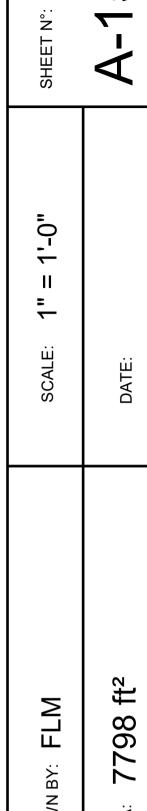
DWELLING UNIT-TO-CORRIDOR SEPARATIONS: ONE-HOUR FIRE PARTITIONS WHEN BEARING. ALL CORRIDOR WALLS IN THIS PROJECT ARE ONE HOUR BEARING.

DWELLING UNIT-TO-DWELLING UNIT WALL SEPARATIONS: ONE-HOUR FIRE PARTITIONS WHEN NON-BEARING AND ONE-HOUR FIRE PARTITIONS WHEN BEARING. ALL SUCH WALLS ARE BEARING IN THIS PROJECT.

DWELLING UNIT-TO-DWELLING UNIT FLOOR SEPARATIONS: ONE-HOUR FIRE RATED FLOOR ASSEMBLIES EXCEPT WHEN SUPPORTING HIGH RATED COMPONENTS SUCH AS TWO HOUR RATED STAIR ENCLOSURES.

WHEN FLOOR ASSEMBLY PENETRATIONS ARE REQUIRED FOR DUCTS: IN ADDITION TO OTHER REQUIREMENT CALLING FOR CERTIFIED AND LISTED RADIANCE DAMPERS IN CEILINGS, PROVIDE ANNULAR SPACE PROTECTION AROUND DUCTS THAT PENETRATE NOT MORE THAN ONE RATED FLOOR ASSEMBLY WITH AN APPROVED NONCOMBUSTIBLE MATERIAL THAT RESISTS THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION AND PROVIDE A FIRE DAMPER AT THE PLANE OF THE FLOOR ASSEMBLY PENETRATED.





ADDRESS:
18-20 BELKNAP STR
ARLINGTON, MA



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