

PROPOSED TWO-FAMILY RENOVATON 27 SALCOMBE STREET, DORCHESTER, MASSACHUSETTS 02125

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS REQUIRED FOR THIS PROJECT. 2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIOUES, SEQUENCING, SCHEDULING AND SAFETY FOR THIS PROJECT.

3. ALL WORK SHALL BE PERFORMED IN CONFORMANCE TO THE MASSACHUSETTS STATE BUILDING CODE AND ALL OTHER APPLICABLE CODES AND LAWS.

4. THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY AQUATINTED WITH THE PROJECT PRIOR TO SUBMITTING A PRICE ADDITIONAL MONEY WILL NOT BE GRANTED FOR WORK NOT CLARIFIED PRIOR TO BIDDING.

5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS SPECIFICATIONS OR FIELD CONDITIONS TO THE ARCHITECT IMMEDIATELY

6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY WORK DAMAGED BY HIS FORCES WHILE PERFORMING THIS CONTRACT. 7. THE CONTRACTOR SHALL WARRANTEE HIS WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL COMPLETION.

FOUNDATION NOTES:

- NDATION FOOTINGS SHALL BE CARRIED DOWN TO A MINIMUM OF 4'-0" BELOW FINISH GRADE, OR DEEPER, IF NECESSARY, TO OBTAIN A SAFE SOIL BEARING PRESSURE OF 2 TONS PER SQUARE FOOT, FOUNDATION DESIGN IS BASED ON ASSUMED SOIL BEARING CAPACITY OF 2 TONS PER SQUARE FOOT.
- 2. ALL FOOTINGS SHALL BE PLACED ON UNDISTURBED SOIL; OR, ON ENGINEERED BANK RUN GRAVEL FILL MATERIAL WITH A MINIMUM DRY DENSITY OF 95%.
- 3. ALL FOOTING SHALL BE POURED IN THE DRY ONLY.
- 4. NO FOOTING SHALL BE POURED ON FROZEN GROUND. 5. THE MINIMUM REINFORCING FOR ALL FOUNDATION WALLS SHALL BE 2-#6 BARS AT THE TOP AND BOTTOM, CONTINUOUS; OR. AS SHOWN ON DRAWINGS.
- 6. LAP ALL BARS 40 DIAMETERS AND PROVIDE CORNER BARS. 7. ALL REINFORCEMENT: ASTM A615-60, WWF A185.
- **CONCRETE NOTES:**
- 1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
- 2. MAXIMUM SLUMP SHALL NOT EXCEED 3"; AND MAXIMUM; COARSE AGGREGATE SIZE SHALL NOT EXCEED 3/4" IN DIAMETER.
- 3. ALL CONCRETE SLABS SHALL BE POURED IN 900 SQUARE FOOT PANELS, MAXIMUM; OR, PROVIDE CONTROL JOINTS BY SAW CUTTING THE SLAB WHILE THE CONCRETE IS STILL GREEN.
- **STEEL NOTES:**
- 1. ALL COLUMNS: A36. STEEL PIPE, A46 STEEL TUBE.
- 2. BOLTS: A325. ANCHOR BOLTS: A307.

WOOD LINTEL SCHEDULE:

Lintels over openings in bearing walls shall be as follows; or as noted on drawings.

	over opening	s in ocuring wants shall be as	
Span of	f opening:	Size: 2x6 studs	Size: 2x4 studs
less tha	n 4'-0"	3 - 2x4	2 - 2x4
up to	6'-0"	3 - 2x6	2 - 2x6
up to	8'-0''	3 - 2x8	2 - 2x8
up to	10'-0"	3 - 2x10	2 - 2x10

WOOD NOTES:

1. ALL LUMBER SHALL HAVE A MOISTURE CONTENT OF NOT MORE THAN 19%.

2. ALL FRAMING LUMBER SHALL BE #2 HEM-FIR, OR BETTER, HAVING A MINIMUM: FB=1,200 PSI, FV=140 PSI, E=1,300,000 PSI.

- 3. ALL L.V.L. LUMBER DENOTED ON PLANS SHALL HAVE A MINIMUM: FB=2,600 PSI, FV=285 PSI, E=1.900.000 PSI.
- 4. ALL JOIST SPANS SHALL HAVE ONE ROW OF 1" X 3: CROSS BRIDGING AT MID SPAN AND NOT MORE THAN 8'-O" O.C.
- 5. ALL STUD BEARING WALLS SHALL HAVE ONE ROW OF 2X HORIZONTAL BLOCKING AT 1/2 STUD HEIGHT, AND NOT MORE THAN 6'-O" O.C. MAXIMUM.
- 6. PROVIDE AND INSTALL ALL NECESSARY TIMBER CONNECTORS WITH ADEQUATE STRENGTH.
- 7. PROVIDE DOUBLE JOIST BELOW PARTITIONS PARALLEL TO JOIST FRAMING.
- 8. PROVIDE SOLID BRIDGING BELOW PARTITIONS PERPENDICULAR TO JOIST FRAMING. 9. PROVIDE SOLID BRIDGING BETWEEN JOIST FRAMING MEMBERS WHEN BEARING ON STUD PARTITIONS OR BEAMS.
- 10. PROVIDE A CONTINUOUS BAND JOIST AT EXTERIOR STUD WALLS.
- 11. PROVIDE DIAGONAL METAL STRAP BRACING AT ALL CORNERS AND WALL INTERSECTIONS, AT THE INSIDE FACE OF STUDS, FROM TOP PLATE TO FLOOR PLATE AT 45°, SIMPSON TYPE "CWB", OR EQUAL.
- 12. ALL BUILT-UP BEAMS SHALL BE BOLTED WITH 1/2" DIAMETER BOLTS, MEETING A307 STANDARDS, OR. AS NOTED ON DRAWINGS.

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- A. FOOTINGS

- D. TOP STEEL OF INTERIOR SLABS



REINFORCING NOTES:

1. ALL REINFORCEMENT, EXCEPT FOR TIES AND STIRRUPS, SHALL CONFORM TO ASTM 615-60.

2. ALL REINFORCEMENT FOR TIES AND STIRRUPS SHALL CONFORM TO ASTM 615-40. 3. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185-70 SPECIFICATIONS. 4. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT OF HIS ENGINEER PRIOR TO THE PLACEMENT OF ANY CONCRETE.

5. THE CONTRACTOR SHALL SUBMIT A REPRODUCIBLE SEPIA AND FOUR PRINTS OF SHOP DRAWINGS: SHOWING ALL REINFORCING DETAILS, CHAIR BARS, HIGH CHAIRS, SLAB BOLSTERS, ETC. TO THE ARCHITECT FOR HIS APPROVAL. THE CONTRACTOR SHALL RECEIVE WRITTEN APPROVED SHOP DRAWINGS FROM THE ARCHITECT OR HIS ENGINEER PRIOR TO THE FABRICATION OF REINFORCEMENT.

6. CLEARANCES OF MAIN REINFORCING FROM ADJACENT CONCRETE SURFACES SHALLL BE AS FOLLOWS:

3 INCHES B. SIDES OF FOUNDATIONS WALLS. **EXPOSED FACES OF FOUNDATIONS.** SIDES OF COLUMNS/PIERS, SLABS ON GRADE FROM TOP SURFACE 2 INCHES C. INTERIOR FACES OF FOUNDATIONS, TOP REINFORCING IN SLABS EXPOSED TO THE WEATHER

1-1/2 INCHES 1 INCHES

7. MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE 1/4" OF SECTIONS 10" OR LESS, 1/2" FOR SECTIONS GREATER THAN 10".

KEY	-	C
	SMOKE DETECTOR HEAT DETECTOR CARBON MONOXIDE DETECTOR 1 HOUR WALL 2 HOUR WALL FAN 45 MIN. DOOR 1-1/2 HOUR DOOR	EX' EX' EX' ZO
(?)	WINDOW TYPE 1 HOUR CLG. ABOVE (SEE C.T.1/A-3.1)	SO
	2 HOUR CLG. WALL(SEE C.T.2/A-3.1) FIRE EXTINGUISHER NEW WALL EX'G WALL TO REMAIN WALL TO BE REMOVED	NOTH FOR SYST CAPA MINI SUITA IS NC CONT



ZONING SUMMARY

ZONING CODE ANALYSIS DORCHESTER ARTICLE 65 SUBDISTRICT - 2F-5000

Overlays:

Use Regulations: Section Table				
Existing Proposed				
2F	2F			

Dimensional Regulations: Table						
Any Other	Code Req	uirement	Existing Condition	Proposed Project	Notes	
Dwelling	2F-5000	Any Other Use				
Lot Area Minimum	5000 SF (1 OR 2 UNITS)					
Min Lot Area for Additional Units	N /A					
Total Required Lot Size	5000 SF		4050 SF	4050 SF		
Min Required Lot Width and Frontage	40'		60.0'	60.0'		
Max FAR	0.5		0.99	0.99	* 1 2 7 5 7 5 7 5 7 5	
Max Building Height / Stories	2.5 STORIES / 35'		3 STORIES / 37.3'	3 STORIES / 37.3'		
Usable Open Space	750 SF / UNIT		982 SF / UNIT	982 SF / UNIT	11 6 3 8 F T O T A L	
Min Front Yard	10' MODAL		11.4'	11.4'		
Min Side Yard	10'		5.7' / 10.2'	5.7' / 10.2'		
Min Rear Yard	10'		7.1'	7.1'	8 5 4 2 111	
Max Use of Rear Yard						

Other Non-Dimensional Zoning Issues: Required Parking - 0 PARKING SPACES oposed - 0 spaces

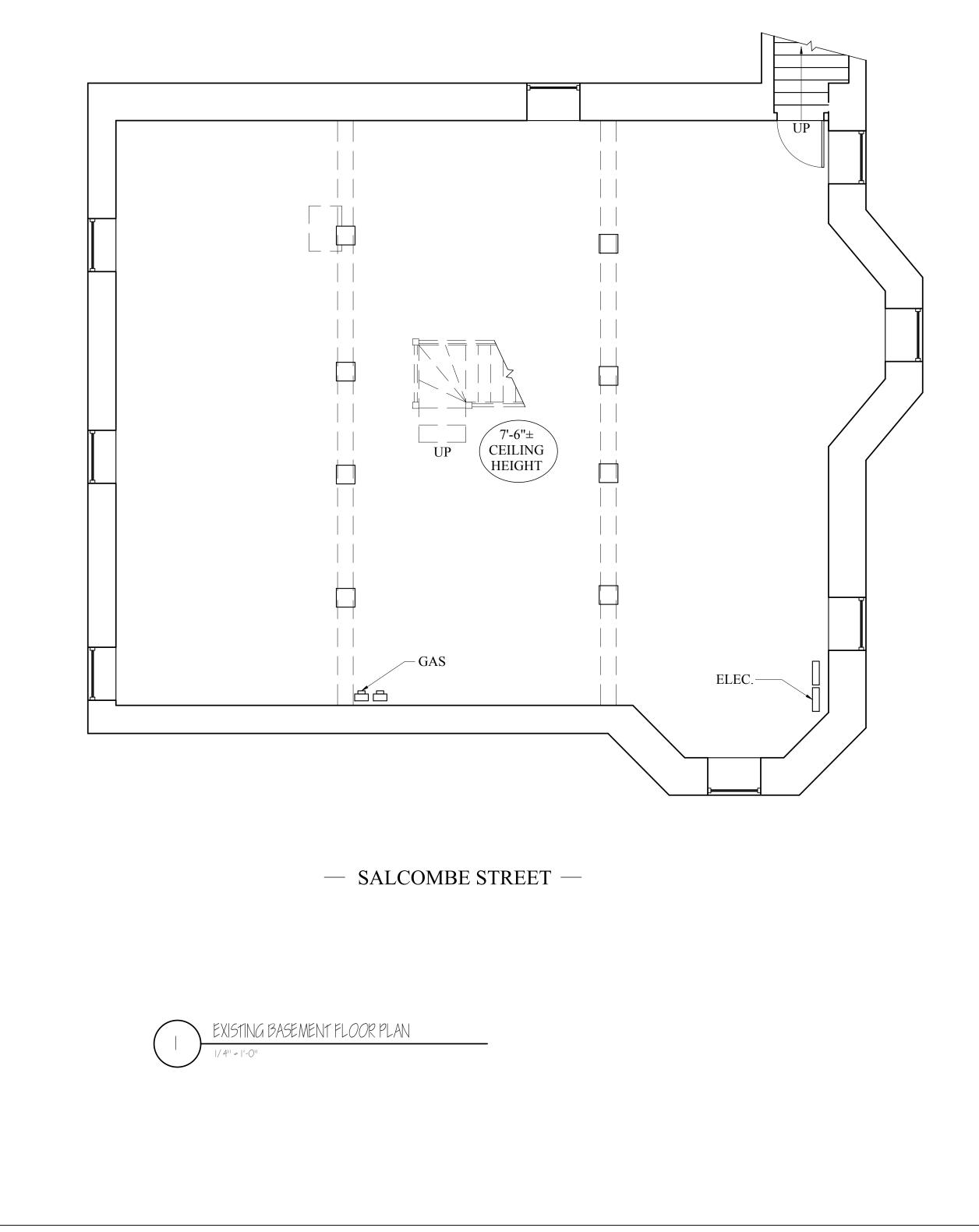
CODE SUMMARY

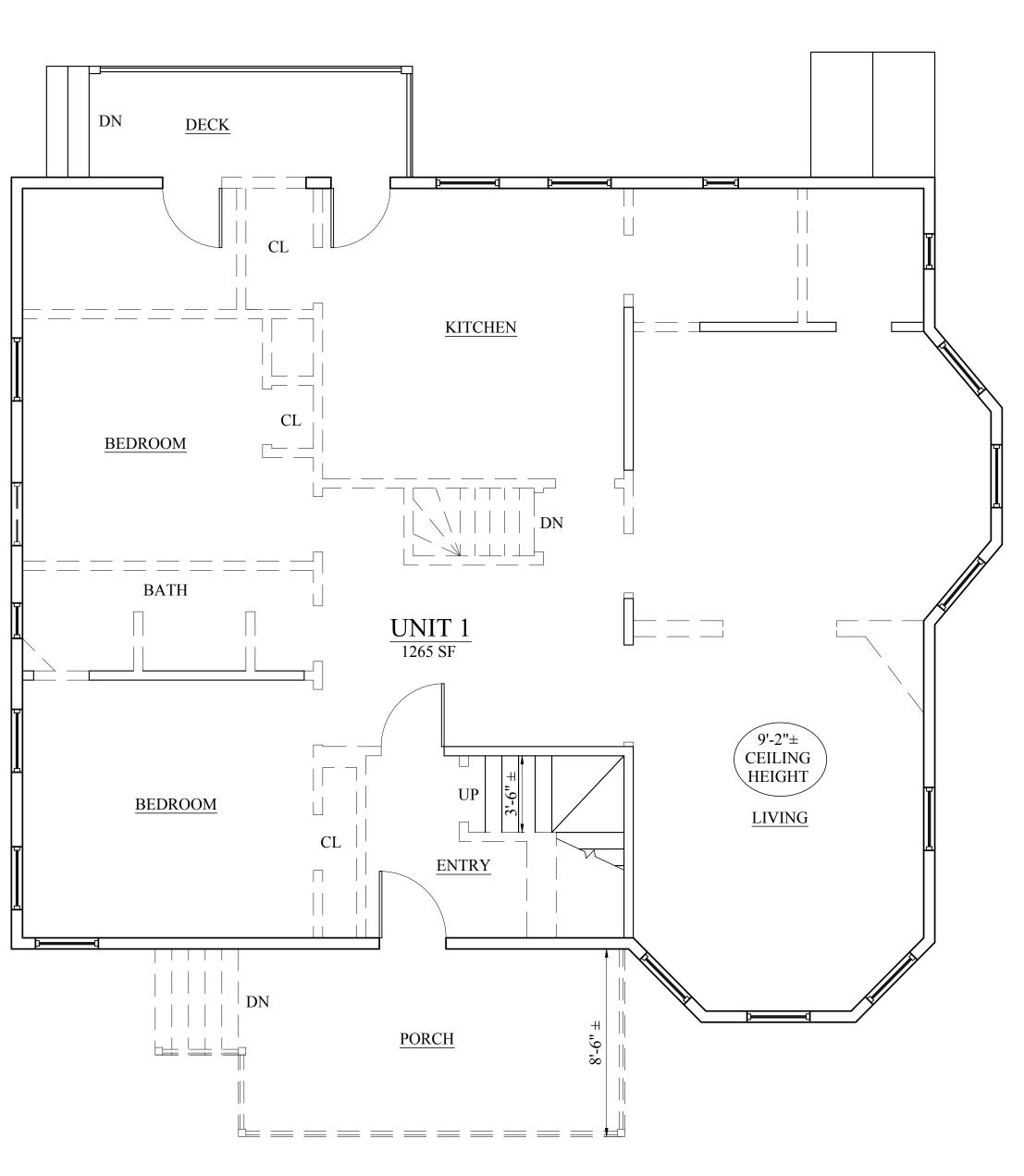
X'G TYPE 5 CONSTRUCTION K'G R-3 USE GROUP (TWO-FAMILY) **K'G 3 STORIES & BASEMENT K'G NON-SPRINKLERED** ONE: 2F-5000

DIL TESTING

FE: THERE HAS BEEN NO SOIL TESTING PROVIDED TO THIS OFFICE THIS PROJECT. THE SOIL BEARING CAPACITY OF THIS FOUNDATION TEM AS DESIGNED IS BASED ON A 2 TON MINIMUM SOIL BEARING PACITY. SOIL BORINGS SHOULD BE PERFORMED TO VERIFY THAT THE IMUM DESIGN BEARING CAPACITIES ARE ACHIEVABLE. IF A ABLE SOIL THAT CAN NOT WITHSTAND A 2 TON BEARING CAPACITY OT AVAILABLE, THAN THIS OFFICE SHOULD BE CONTACTED BY THE NTRACTOR OR OWNER FOR A FOUNDATION REDESIGN.

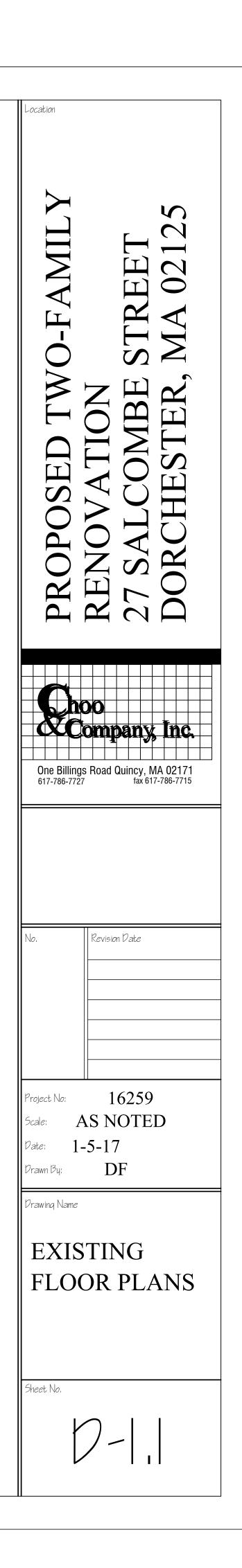
Location				
PROPOSED TWO-FAMILY	RENOVATION	27 SALCOMBE STREET	DORCHESTER, MA 02125	
One Billing 617-786-7727	DO S Road (Quincy, N	Inc. Inc. IA 02171 7-786-7715	
No. Project No: Scale:		6259		
Date: 1 Drawn By: Drawing Name COV SHEI	-5-17 D ER	7		
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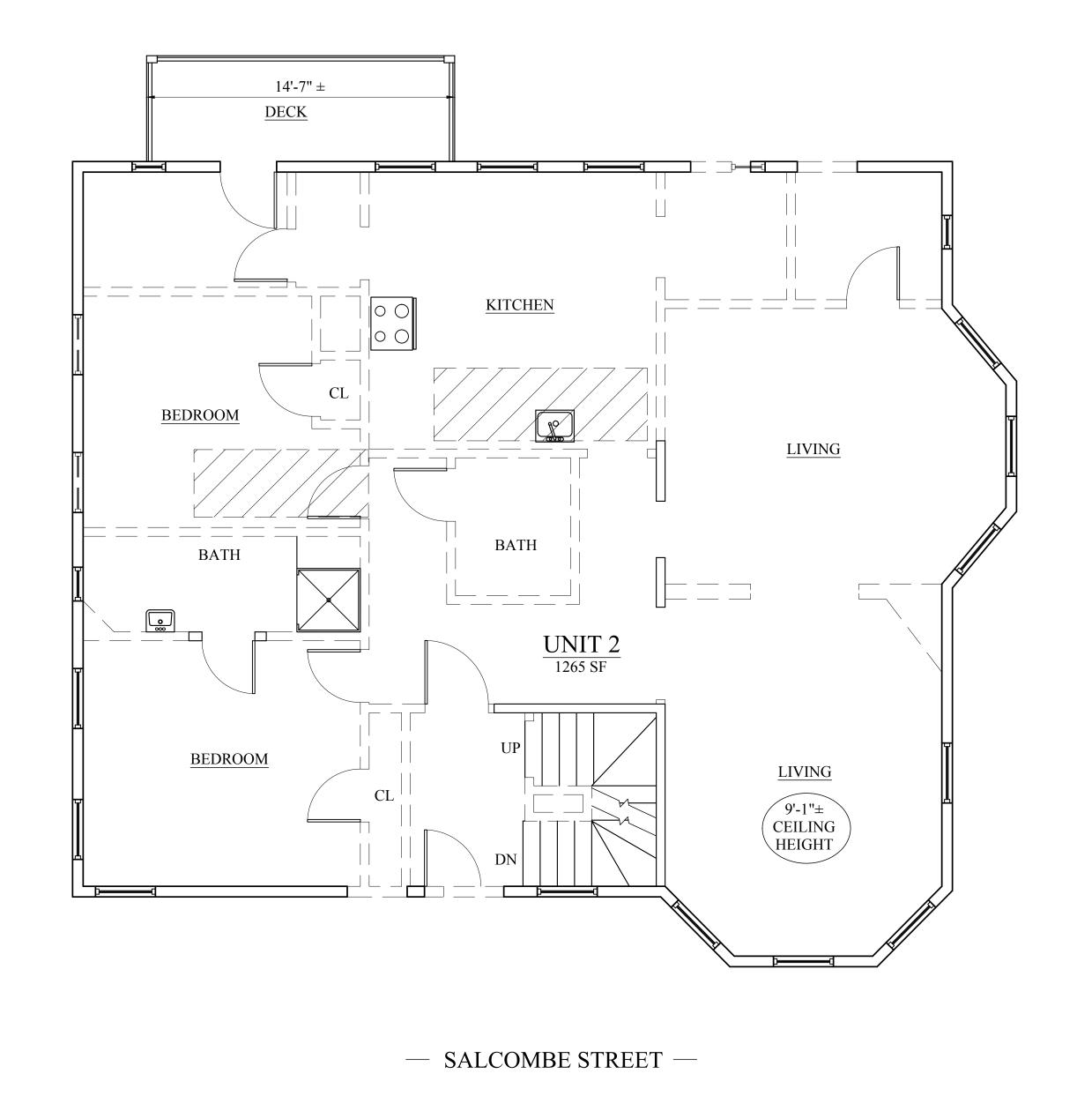




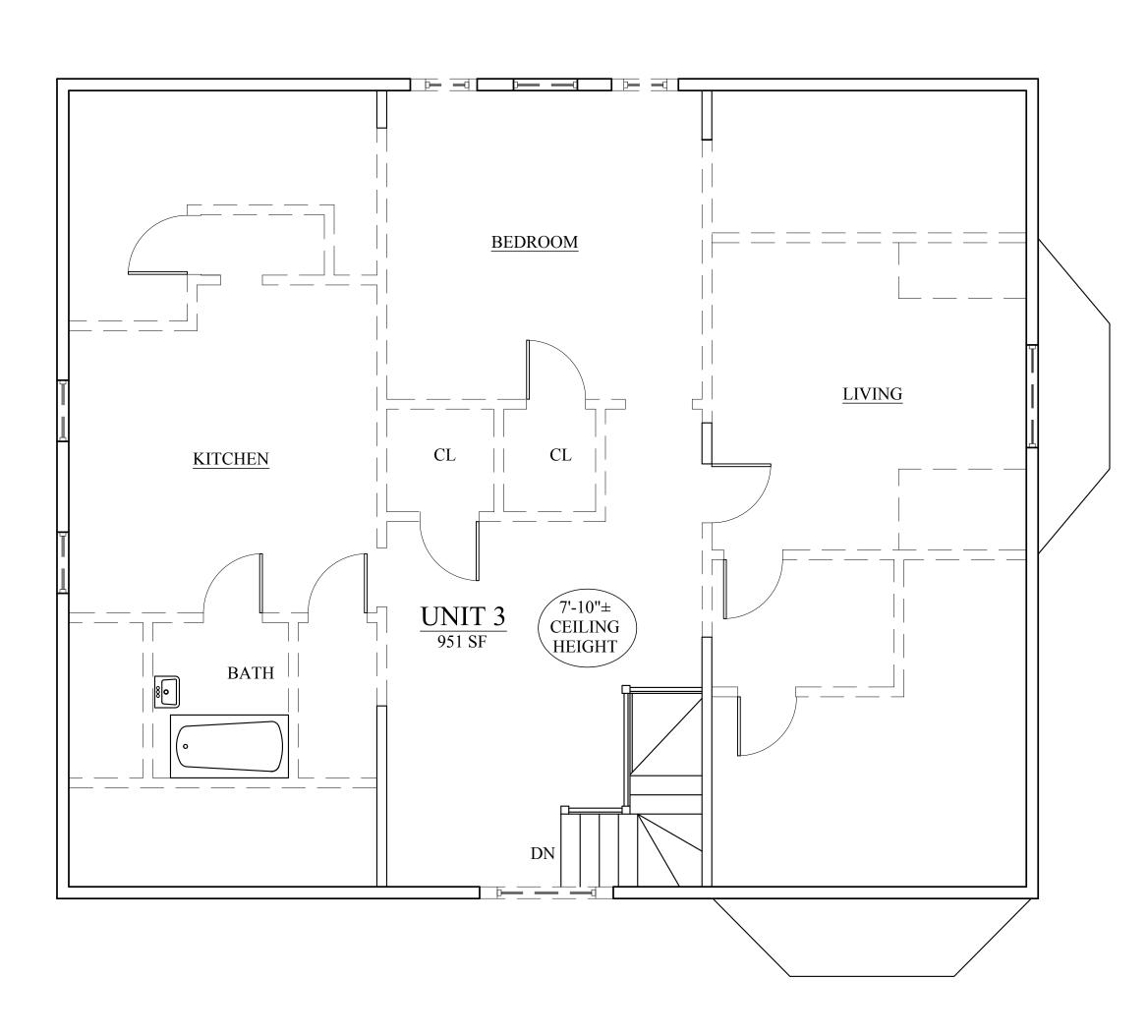








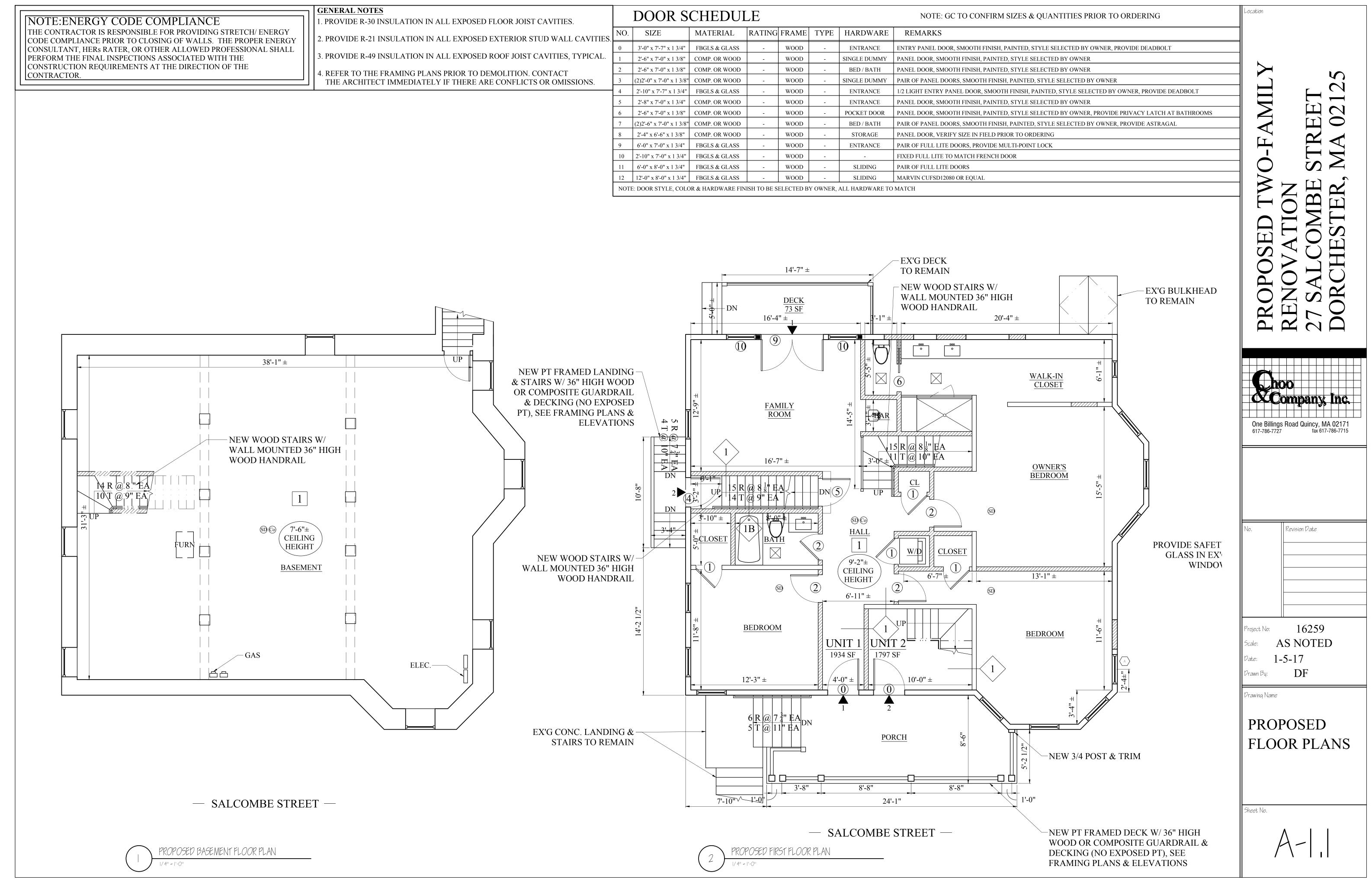




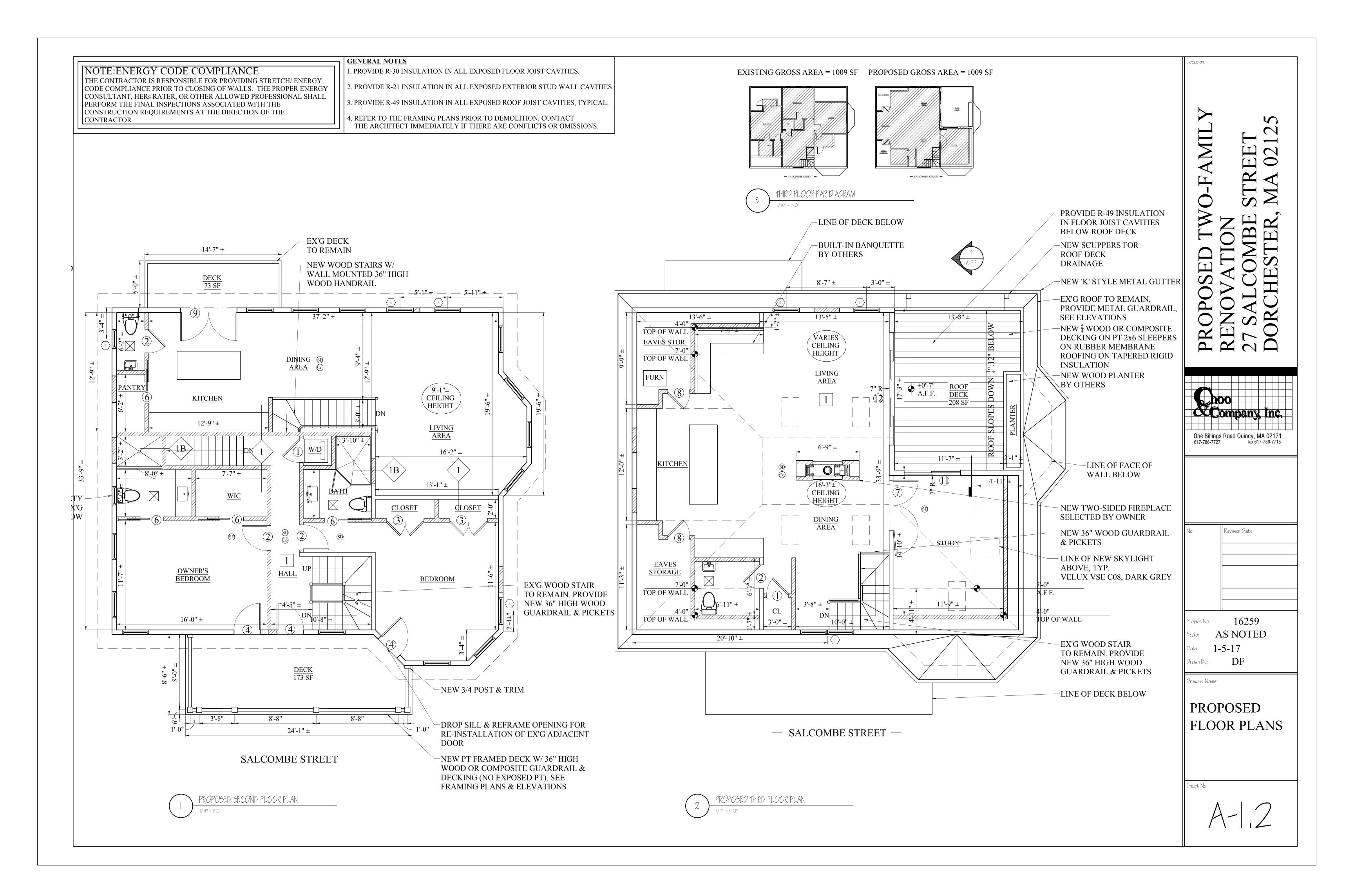
— SALCOMBE STREET —



Location					
PROPOSED TWO-FAMILY	RENOVATION 27 SALCOMBE STREET DORCHESTER, MA 02125				
Ch c	ompany. Inc.				
	Road Quincy, MA 02171 fax 617-786-7715				
No.	Revision Date				
Project No: 16259 Scale: AS NOTED Date: 1-5-17 Drawn By: DF					
Prawing Name EXISTING					
EXISTING FLOOR PLANS					
Sheet No.					
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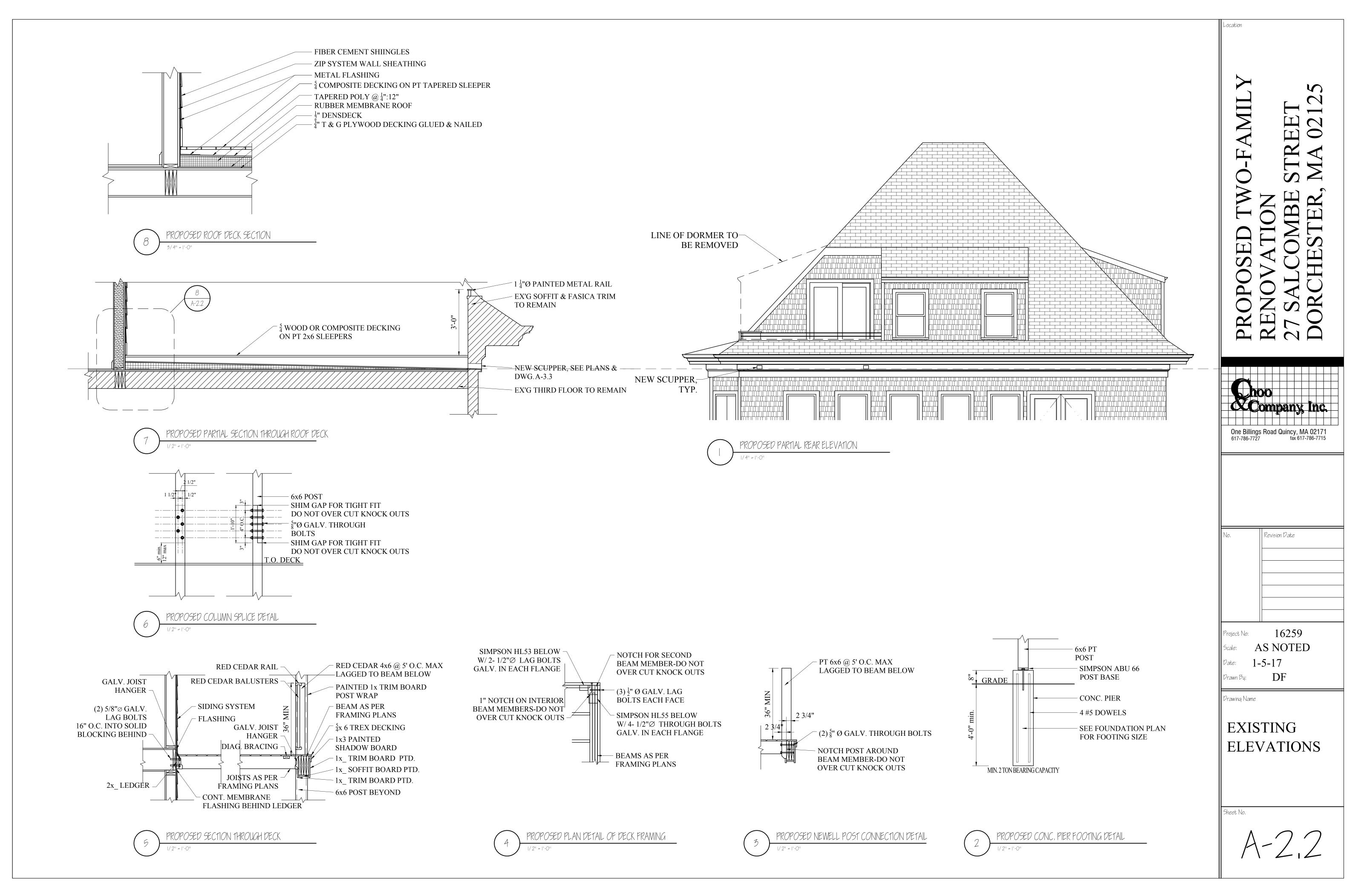
EXPOSED FLOOR JOIST CAVITIES.		DOOR SCHEDULE NOTE: GC						
L EXPOSED EXTERIOR STUD WALL CAVITIES.	NO.	SIZE	MATERIAL	RATING	FRAME	TYPE	HARDWARE	REMARKS
	0	3'-0" x 7'-7" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	ENTRANCE	ENTRY PANEL DOOR, SMOOT
EXPOSED ROOF JOIST CAVITIES, TYPICAL.	1	2'-6" x 7'-0" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	SINGLE DUMMY	PANEL DOOR, SMOOTH FINIS
RIOR TO DEMOLITION. CONTACT	2	2'-6" x 7'-0" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	BED / BATH	PANEL DOOR, SMOOTH FINIS
THERE ARE CONFLICTS OR OMISSIONS.	3	(2)2'-0" x 7'-0" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	SINGLE DUMMY	PAIR OF PANEL DOORS, SMOO
	4	2'-10" x 7'-7" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	ENTRANCE	1/2 LIGHT ENTRY PANEL DOO
	5	2'-8" x 7'-0" x 1 3/4"	COMP. OR WOOD	-	WOOD	-	ENTRANCE	PANEL DOOR, SMOOTH FINIS
	6	2'-6" x 7'-0" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	POCKET DOOR	PANEL DOOR, SMOOTH FINIS
	7	(2)2'-6" x 7'-0" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	BED / BATH	PAIR OF PANEL DOORS, SMOO
	8	2'-4" x 6'-6" x 1 3/8"	COMP. OR WOOD	-	WOOD	-	STORAGE	PANEL DOOR, VERIFY SIZE IN
	9	6'-0" x 7'-0" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	ENTRANCE	PAIR OF FULL LITE DOORS, PI
	10	2'-10" x 7'-0" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	-	FIXED FULL LITE TO MATCH
	11	6'-0" x 8'-0" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	SLIDING	PAIR OF FULL LITE DOORS
	12	12'-0" x 8'-0" x 1 3/4"	FBGLS & GLASS	-	WOOD	-	SLIDING	MARVIN CUFSD12080 OR EQU
	NOTI	E: DOOR STYLE, COLO	R & HARDWARE FIN	IISH TO BE S	ELECTED B	Y OWNER, .	ALL HARDWARE TO	МАТСН

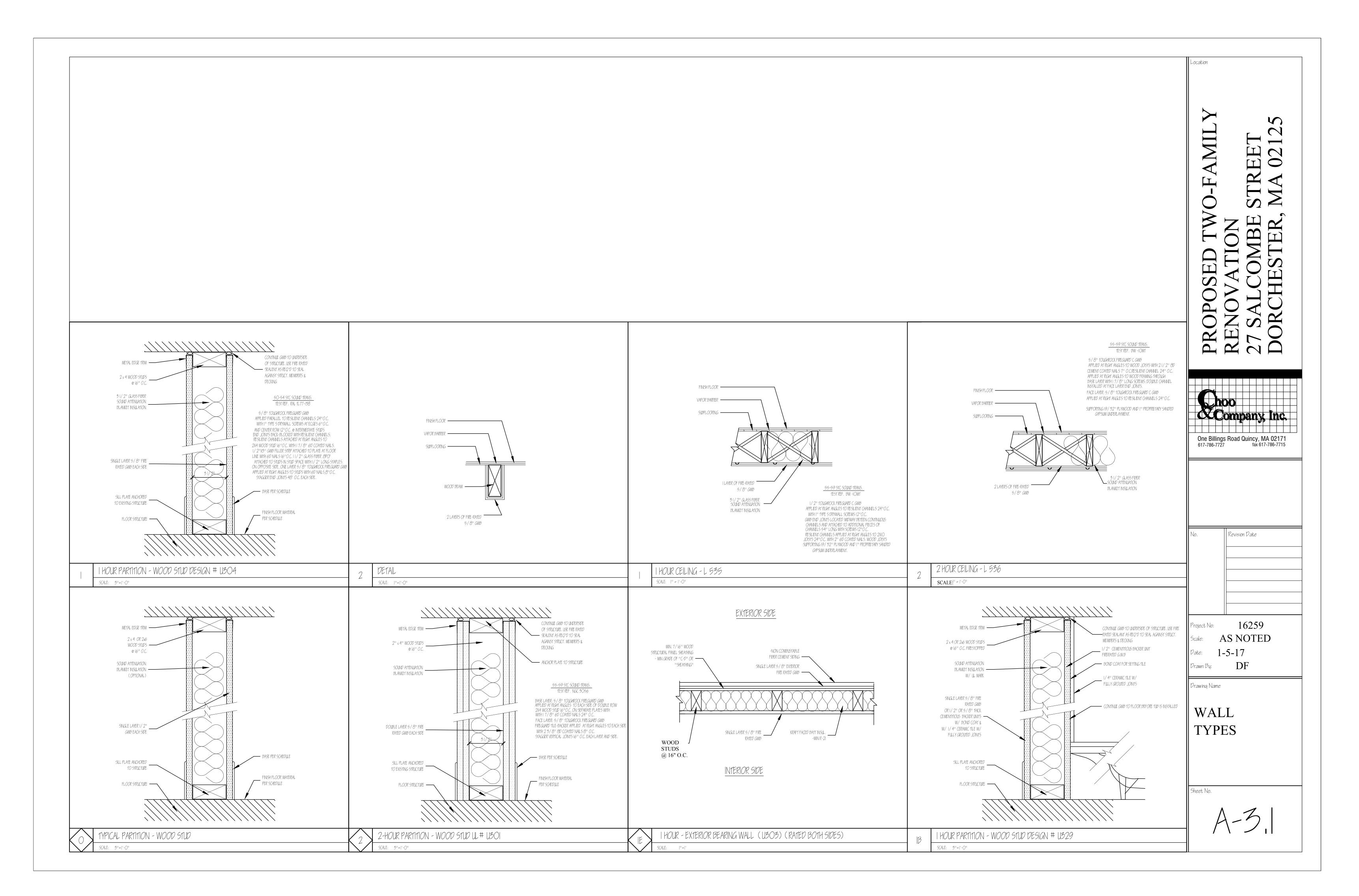




	WINDOW S	* NOTE THIS SCHEDULE IS BASED			
NO.	MANUFACTURER	MODEL	# NEEDED	UNIT SIZE	REMARKS
А	PLYGEM	-	4	2'-10" x 5'-4"	DOUBLE HUNG
В	PLYGEM	-	1	2'-0" x 3'-8"	DOUBLE HUNG, PROVIDE SAFETY
С	PLYGEM	-	2	2'-10" x 4'-8"	DOUBLE HUNG
D	PLYGEM	-	1	(2) 2'-10" x 4'-8"	FACTORY MULLED DOUBLE HUNC
D	VELUX	VSE C08	6	1'-9" x 4'-6"	ELECTRIC OPERABLE INSULATED
					* GC IS RESPONSIBLE FOR VERIFY PROVIDE HALF SCREENS ON TRAC

D ON STANDARD SIZES WHEN AVAILABLE.	PROPOSED TWO-FAMILY RENOVATION 27 SALCOMBE STREET DORCHESTER, MA 02125
	School Inc. One Billings Road Quincy, MA 02171 fax 617-786-7715 One Billings Road Quincy, MA 02171 fax 617-786-7715 No. Revision Date No. Revision Date Project No: 16259 Scale: AS NOTED Date: 1-5-17 Drawn By: DF
	Prawing Name PROPOSED ELEVATIONS





BUILDING ELEMENT	NAIL SIZE AND TYPE	NUMBER AND LOCATION
STUD TO SOLE PLATE	8D COMMON 16D COMMON	4 TOE-NAIL OR 2 DIRECT-NAIL
STUD TO CAP PLATE	16D COMMON	2 TOE-NAIL OR 2 DIRECT-NAIL
DOUBLE STUDS	10D COMMON	12" O.C. DIRECT
CORNER STUDS	16D COMMON	24" O.C. DIRECT
SOLE PLATE TO JOIST OR BLOCKING	16D COMMON	16" O.C.
DOUBLE CAP PLATE	10D COMMON	16" O.C. DIRECT
CAP PLATE LAPS	10D COMMON	2 DIRECT-NAIL
RIBBON STRIP, 6" OR LESS	10D COMMON	2 EACH DIRECT BEARING
RIBBON STRIP, 6" OR MORE	10D COMMON	3 EACH DIRECT BEARING
,		
ROOF RAFTER TO PLATE	8D COMMON	3 TOE-NAIL
JACK RAFTER TO RIDGE	16D COMMON	2 TOE-NAIL OR DIRECT-NAIL
ACK RAFTER TO HIP	10D COMMON 16D COMMON	3 TOE-NAIL OR 2 DIRECT-NAIL
FLOOR JOISTS TO STUDS (NO CEILING JOISTS)	10D COMMON 10D COMMON	5 DIRECT OR 3 DIRECT
FLOOR JOISTS TO STUDS	10D COMMON	2 DIRECT
(WITH CEILING JOISTS) FLOOR JOISTS TO SILL OR GIRDER	3D COMMON	3 TOE-NAIL
LEDGER STRIP	16D COMMON	3 EACH DIRECT
CEILING JOISTS TO PLATE	16D COMMON	3 TOE-NAIL
CEILING JOISTS TO FLATE CEILING JOISTS (LAPS OVER PARTITION)	10D COMMON	3 DIRECT-NAIL
CEILING JOISTS (PARALLEL TO RAFTER)	10D COMMON	3 DIRECT
COLLAR BEAM	10D COMMON	3 DIRECT
BRIDGING TO JOISTS	8D COMMON	
		2 EACH DIRECT END
DIAGONAL BRACE (TO STUD AND PLATE)	8D COMMON 20D COMMON	2 EACH DIRECT BEARING 1 EACH END 4 SQ. FT. FLOOR AREA
(WHEN NAILING PERMITTED) HEADER BEAMS TO TRIMMERS	20D COMMON	1 EACH END 8 SQ. FT. FLOOR AREA
1" ROOF DECKING	8D COMMON	2 EACH DIRECT RAFTER
(OVER 6" IN WIDTH)	8D COMMON	3 EACH DIRECT RAFTER
1" SUBFLOORING (6" OR LESS)	8D COMMON	2 EACH DIRECT JOIST
1" SUBFLOORING (8" OR MORE)	8D COMMON	3 EACH DIRECT JOIST
2" SUBFLOORING	16D COMMON	2 EACH DIRECT JOIST
1" WALL SHEATHING (8" OR LESS IN WIDTH)	8D COMMON	2 EACH DIRECT STUD
I" WALL SHEATHING (OVER 8" IN WIDTH)	8D COMMON	3 EACH DIRECT STUD
PLYWOOD ROOF & WALL SHEATHING (1/2" OR LESS) (5/8" OR GREATER) (5/16",3/8", OR 1/2")	6D COMMON 8D COMMON 16 GAUGE GALVANIZED WIRE STAPLES, 3/8" MINIMUM CROWN; LENGTH OF 1" PLUS PLYWOOD THICKNESS	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIA 6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIA 4" O.C. EDGES & 8" O.C. INTERMEDIATE
(OVER 6" IN WIDTH)	SAME AS IMMEDIATELY ABOVE	2 1/2" O.C. EDGES & 5" O.C. INTERMEDIATE
PLYWOOD SUBFLOORING (1/2") (3/8", 3/4") (1", 1 1/8")	6D COMMON OR 6D ANNULAR OR SPIRAL THREAD 8D COMMON OR 8D ANNULAR OR SPIRAL THREAD 10D COMMON OR 8D RING SHANK OR 8D ANNULAR OR SPIRAL THREAD	6" O.C. DIRECT EDGES & 10" O.C. INTERMEDIA 6" O.C. DIRECT EDGES & 10" O.C. INTERMEDIA 6" O.C. DIRECT EDGES & 6" O.C. INTERMEDIAT
(1/2") (3/8")	16D GALVANIZED WIRE STAPLES 3/8" MINIMUM CROWN; 1 3/8' LENGTH	4" O.C. EDGES & 7" O.C. INTERMEDIATE 2 1/2" O.C. EDGES & 4" O.C. INTERMEDIATE
BUILT-UP GIRDERS AND BEAMS	20D COMMON	32" O.C. DIRECT
CONTINUOUS HEADER TO STUD	8D COMMON	4 TOE-NAIL
CONTINUOUS HEADER, TWO PIECES	16D COMMON	16" O.C. DIRECT
1/2" FIBER BOARD SHEATHING	1 1/2" GALVANIZED ROOFING NAIL OR 16 GAUGE STAPLE, 1 1/2" LONG WITH MIN. CROWN OF 7/16"	3" O.C. EXTERIOR EDGE 6" O.C. INTERMEDIATI
25/32" FIBER BOARD SHEATHING	1 3/4" GALVANIZED ROOFING NAIL OR 8D COMMON NAIL OR 16 GAUGE STAPLE, 1 1/2" LONG WITH MIN. CROWN OF 7/16"	3" O.C. EXTERIOR EDGE 6" O.C. INTERMEDIATI
GYPSUM SHEATHING	12 GAUGE 1 3/4" LARGE HEAD CORROSION- RESISTANT	4" O.C. EDGE 8" O.C. INTERMEDIATE
PARTICLE BOARD UNDERLAYMENT (1/4"-3/4")	6D ANNULAR THREADED	6" O.C. DIRECT EDGES 10" O.C. INTERMEDIATE
PARTICLE BOARD ROOF AND WALL SHEATHING 1/2" OR LESS	6D COMMON	6" O.C. DIRECT EDGES 12" O.C. INTERMEDIATE
	8D COMMON	6" O.C. DIRECT EDGES 12" O.C. INTERMEDIATE
5/8" OR GREATER		V U.C. DIRECT EDOLO 12 U.C. INTERMIEDIATE
5/8" OR GREATER PARTICLE BOARD SUBFLOORING (5/8" OR GREATER)	8D COMMON	6" O.C. DIRECT EDGES 12" O.C. INTERMEDIATE
	8D COMMON NO. 14 B&S GAGE CORROSION RESISTIVE	6" O.C. DIRECT EDGES 12" O.C. INTERMEDIATE

NOTE *: SHINGLE NAILS SHALL PENETRATE NOT LESS THAN 3/4" INTO NAILING STRIPS, SHEATHING OR SUPPORTING CONSTRUCTION EXCEPT AS OTHERWISE PROVIDED IN 780 CMR 1225.4.4.

