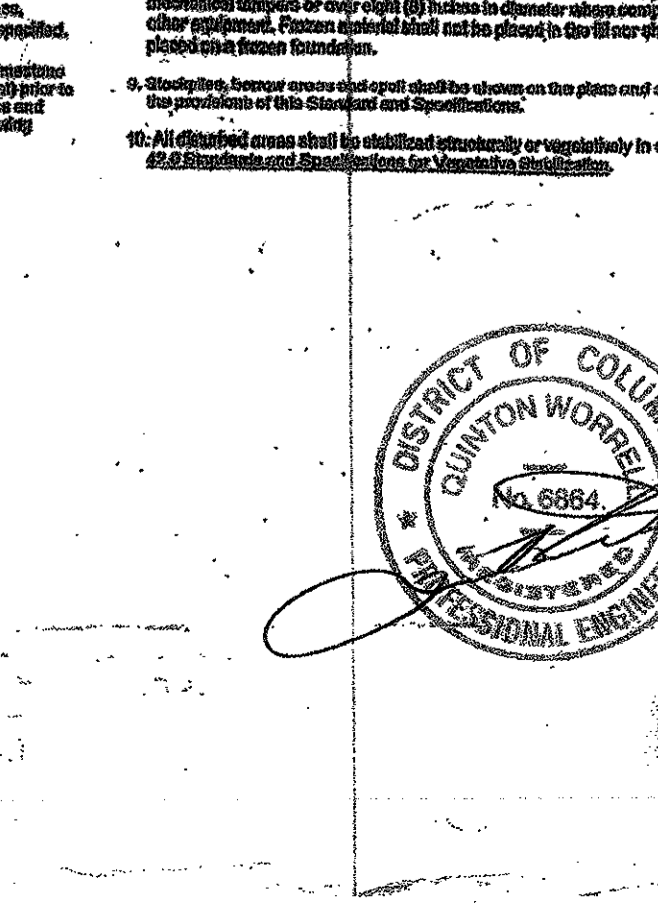
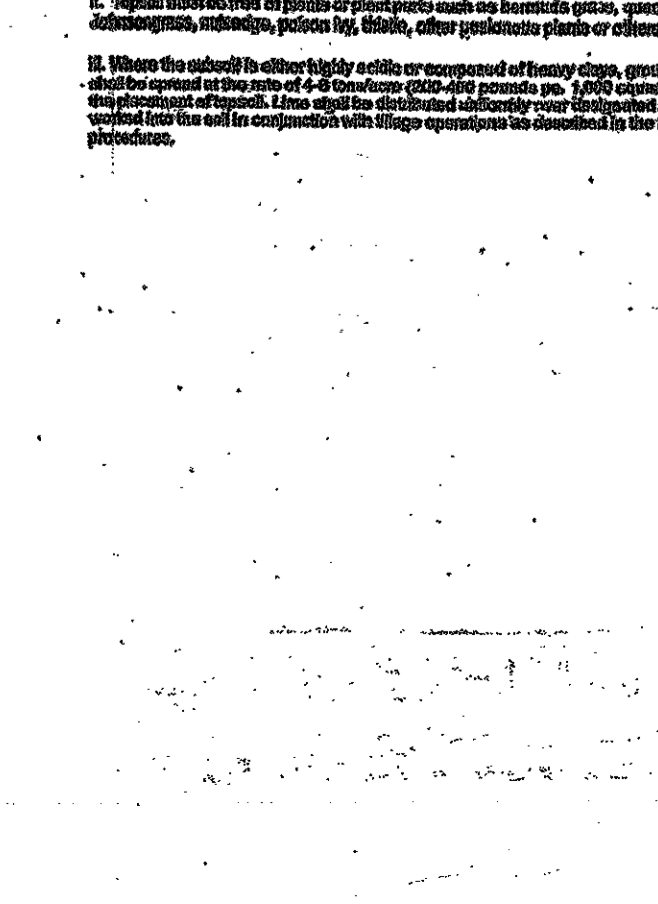
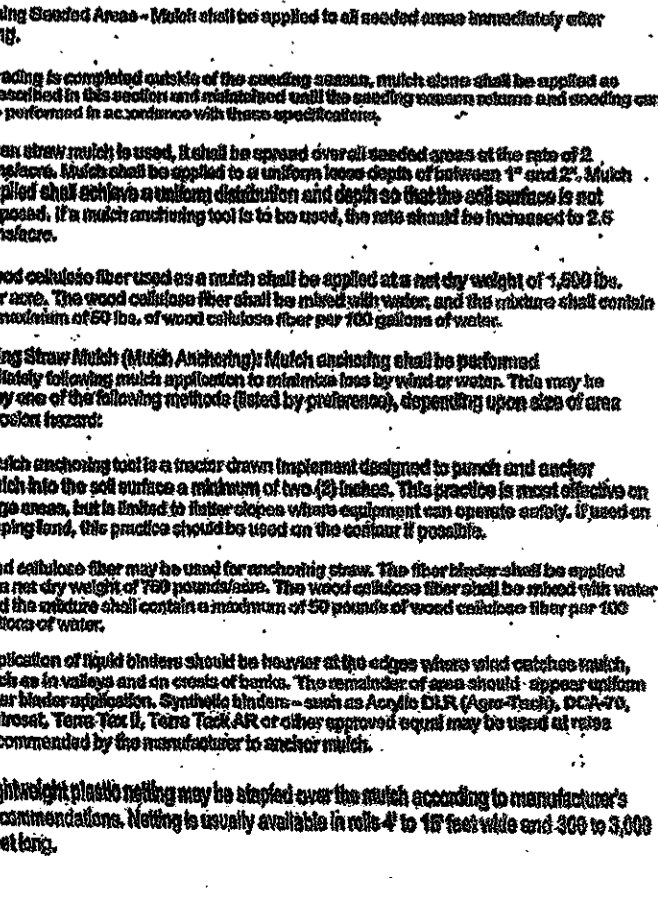
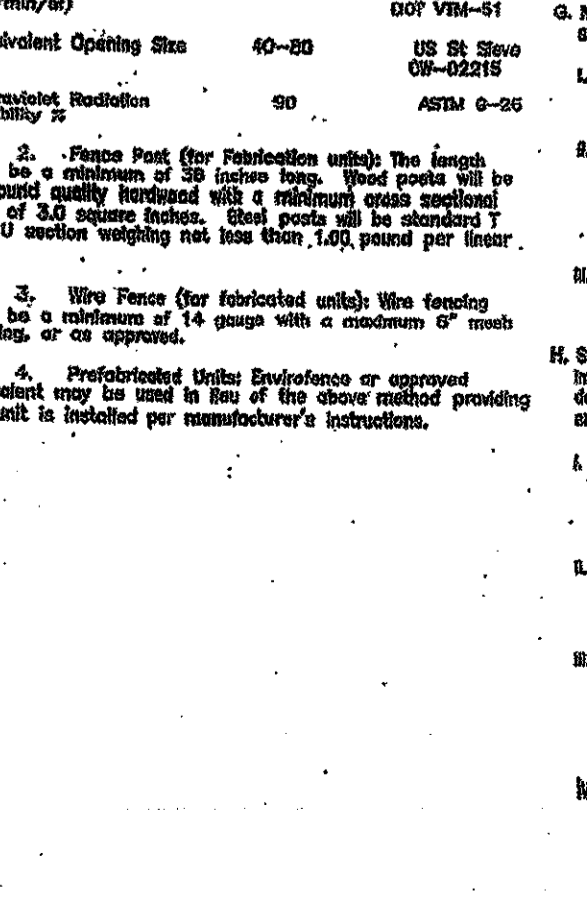
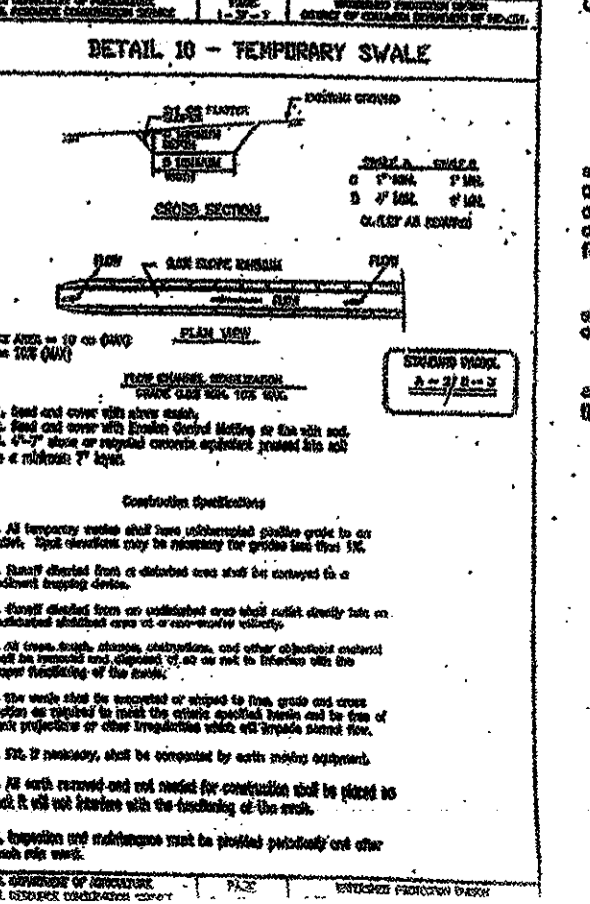


### STANDARD AND SPECIFICATIONS FOR DUST CONTROL

- The contractor shall conduct operations and institute the project site as soon as possible to minimize dust. Dust control shall be used throughout the work of the site.
- The contractor shall provide water, free from oil, and other contaminants, to be used for on-site dust control.
- The contractor shall supply water spraying equipment capable of producing all work areas.
- The contractor shall implement dust control measures during construction phases on any work. These control measures shall generally consist of water application, wind breaks, and other measures to prevent dust during dry weather or more often as required to prevent dust.
- For water application to undisturbed soil surfaces, the contractor shall:
  - Apply water with equipment consisting of tank, spray bar, pump with discharge pressure gauge.
  - Arrange the spray bar height, nozzle spacing and spray pattern to provide complete coverage of the ground with the water.
  - Disperse water through nozzles on spray bar at 20 PSI (137.88 kPa). Minimum. Keep cover damp without creating mist-like conditions such as fogging.
- For water application to soil surfaces during demolition and/or excavation, the contractor shall:
  - Apply water with equipment consisting of a tank, pump with discharge pressure gauge, hose and nozzle.
  - Locate the tank and provide equipment so that the water application area can be reached without interfering with the demolition or excavation equipment or operations. Keep areas damp without creating mist-like conditions such as fogging.
  - Apply water in a manner to prevent movement of spray beyond the site boundaries.

### STANDARD SEEDING CONTROL NOTES

- All seedbed and erosion control methods shall be installed before the start of an excavation and/or construction of earthen structures and/or structures of concrete, masonry, or steel.
- All debris to be removed from site.
- Any end-of-streets shall be swept clean of all debris during excavation and construction.
- All catch basins and area drains shall be protected during excavation and construction.
- If any catch basins or drains become clogged as a result of excavation or construction, the contractor shall be responsible for its cleanup.
- If any catch basin or drain has reached 60% capacity, clean out of same is required.
- Any discharge, regardless of location on site, shall be stabilized within 20 days after its establishment and for the duration of the project.



### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

Table with columns: Species, Application Rate, Seeding Depth, Germination Rate, and Notes.

Species	Application Rate (lb/1000 sq ft)	Seeding Depth (in)	Germination Rate (%)	Notes
Grass	10	1/2	85	
Legume	10	1/2	85	
Mix	10	1/2	85	

### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

Table with columns: Species, Application Rate, Seeding Depth, Germination Rate, and Notes.

Species	Application Rate (lb/1000 sq ft)	Seeding Depth (in)	Germination Rate (%)	Notes
Grass	10	1/2	85	
Legume	10	1/2	85	
Mix	10	1/2	85	

### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

1. The contractor shall provide a written report of the seed analysis to the District Engineer.

2. The contractor shall provide a written report of the seed analysis to the District Engineer.

3. The contractor shall provide a written report of the seed analysis to the District Engineer.

### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

1. The contractor shall provide a written report of the seed analysis to the District Engineer.

2. The contractor shall provide a written report of the seed analysis to the District Engineer.

3. The contractor shall provide a written report of the seed analysis to the District Engineer.

### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

1. The contractor shall provide a written report of the seed analysis to the District Engineer.

2. The contractor shall provide a written report of the seed analysis to the District Engineer.

3. The contractor shall provide a written report of the seed analysis to the District Engineer.

### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

1. The contractor shall provide a written report of the seed analysis to the District Engineer.

2. The contractor shall provide a written report of the seed analysis to the District Engineer.

3. The contractor shall provide a written report of the seed analysis to the District Engineer.

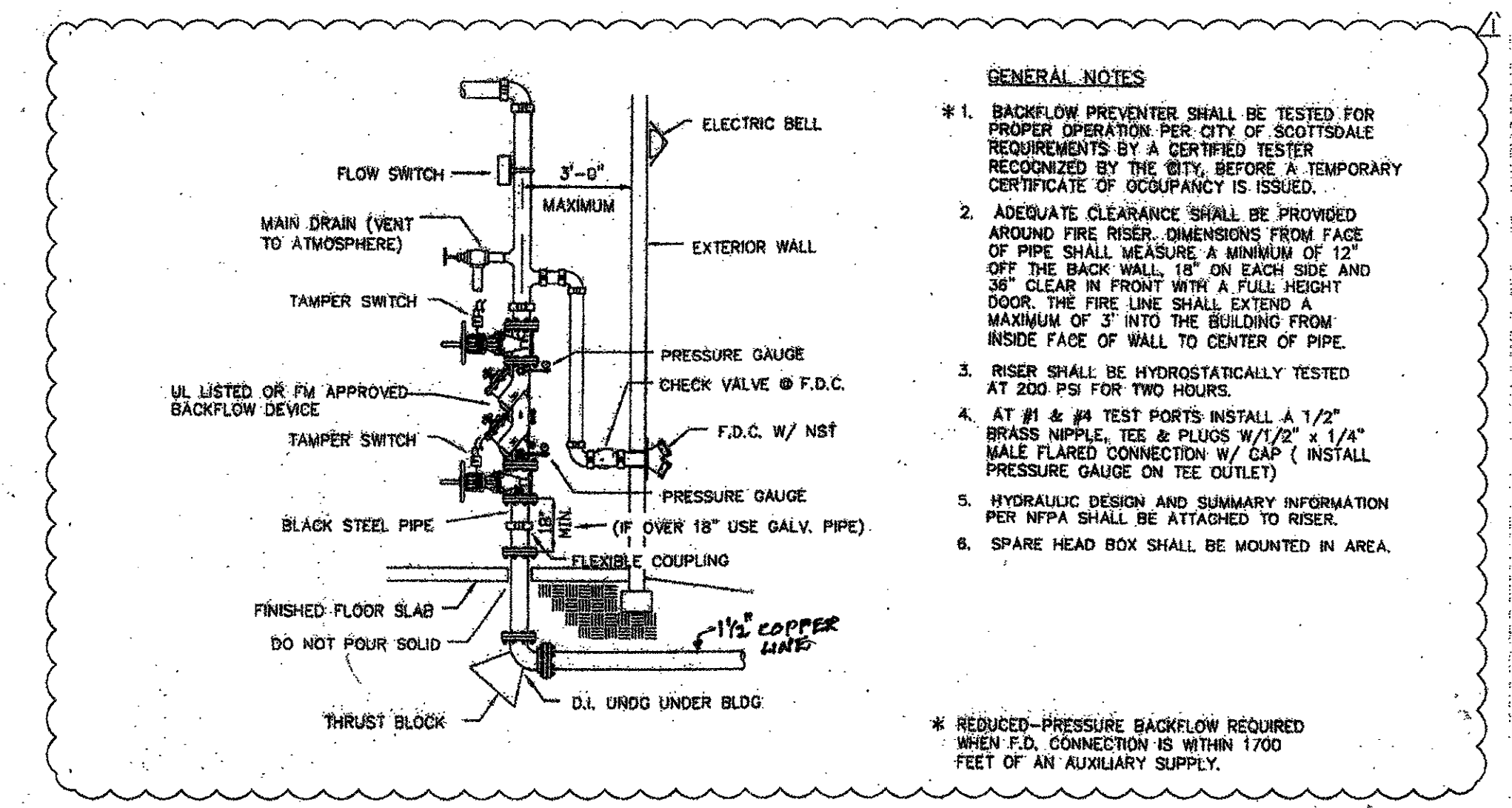
### SEED STANDARDS AND SPECIFICATIONS FOR VEGETATION ESTABLISHMENT

1. The contractor shall provide a written report of the seed analysis to the District Engineer.

2. The contractor shall provide a written report of the seed analysis to the District Engineer.

3. The contractor shall provide a written report of the seed analysis to the District Engineer.





- GENERAL NOTES**
- BACKFLOW PREVENTER SHALL BE TESTED FOR PROPER OPERATION PER CITY OF SCOTTSDALE REQUIREMENTS BY A CERTIFIED TESTER RECOGNIZED BY THE CITY, BEFORE A TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED.
  - ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK WALL, 18" ON EACH SIDE AND 36" CLEAR IN FRONT WITH A FULL HEIGHT DOOR. THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3" INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.
  - RISER SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS.
  - AT #1 & #4 TEST PORTS INSTALL A 1/2" BRASS NIPPLE, TEE & PLUGS W/ 1/2" x 1/4" MALE FLARED CONNECTION W/ CAP (INSTALL PRESSURE GAUGE ON TEE OUTLET)
  - HYDRAULIC DESIGN AND SUMMARY INFORMATION PER NFPA SHALL BE ATTACHED TO RISER.
  - SPARE HEAD BOX SHALL BE MOUNTED IN AREA.

\* REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

**FIRE SPRINKLER RISER DETAIL WITH WALL MOUNT FD CONECTION**  
SCALE: NOT TO SCALE

**LIST OF STANDARDS**

- SILT FENCE ——— SF
- LIMITED OF DISTURBANCE - - - - L.O.D
- STABILIZED CONSTRUCTION ENTRANCE

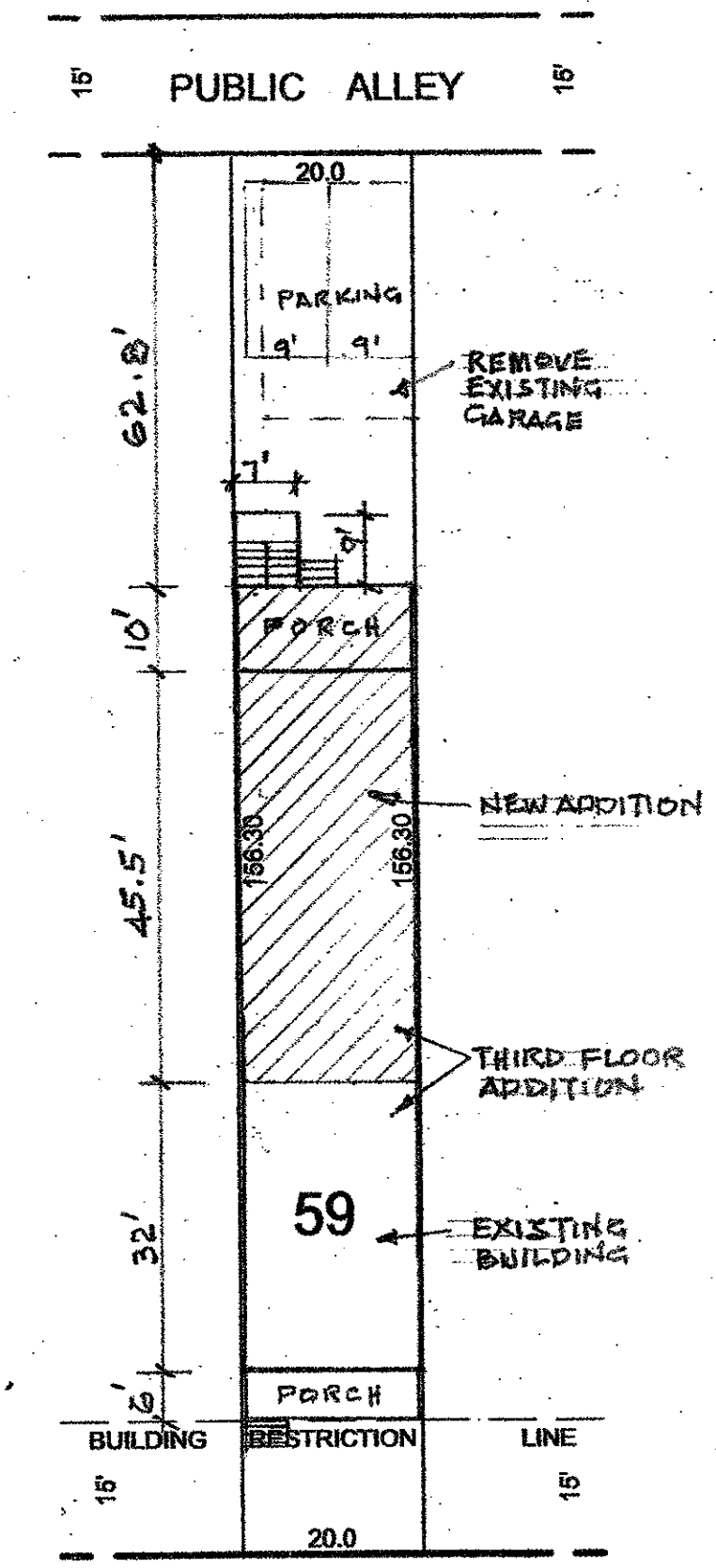
**SOIL EROSION NOTES**

- A SEDIMENT AND EROSION CONTROL METHOD SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
- ALL DEBRIS IS TO BE IMMEDIATELY REMOVED FROM SITE.
- STREETS/SIDEWALKS SHALL BE SWEEP CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
- ALL CATCH BASIN AND AREA DRAINS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
- IF ANY CATCH BASIN OR DRAINS BECOME CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
- WHEN SEDIMENT TRAP HAS REACHED 67% CAPACITY, CLEAN TRAP IS REQUIRED.
- ANY STOCKPILING, REGARDLESS OF LOCATION SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
- AFTER REMOVALS OR DEMOLITION, PROVIDE GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING, SUCH AS SEED, SOO, PAVE, BROCKHAM OR MULCH, ETC., AS REQUIRED.

SEDIMENT CONTROL APPROVAL  
PLUM NUMBER \_\_\_\_\_  
DATE \_\_\_\_\_  
FLOODING AND EROSION CONTROL NUMBER \_\_\_\_\_

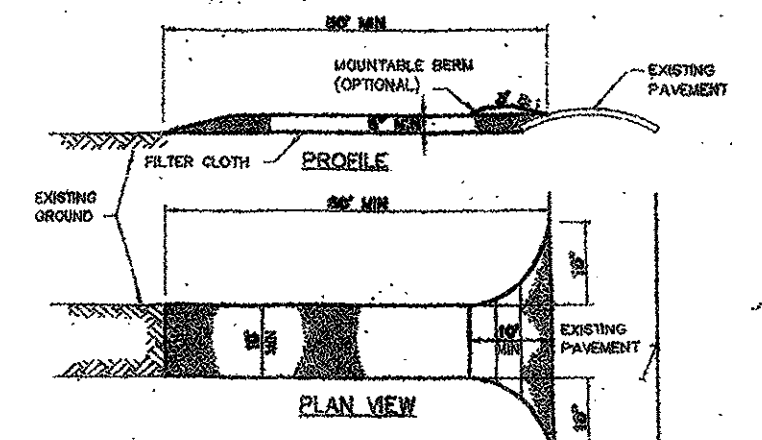
**PROJECT DESCRIPTION**

This project entails the construction of rear & 3<sup>RD</sup> FL. addition to the building as shown on plan.



ALLISON STREET, N.W.

**STABILIZED CONSTRUCTION ENTRANCE**



**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A STREET FRONT RESIDENCE LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BEAM WITH 3:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

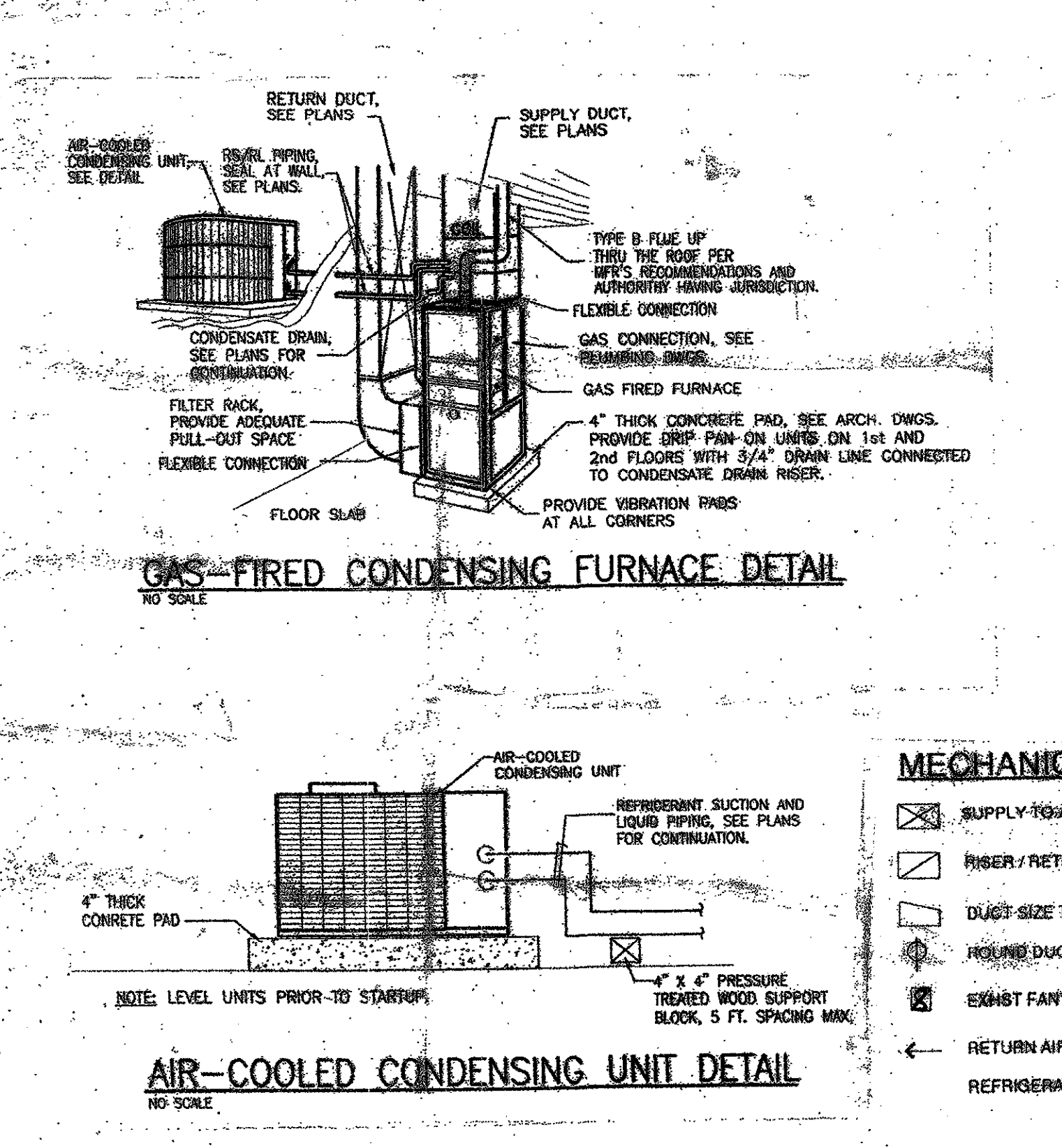
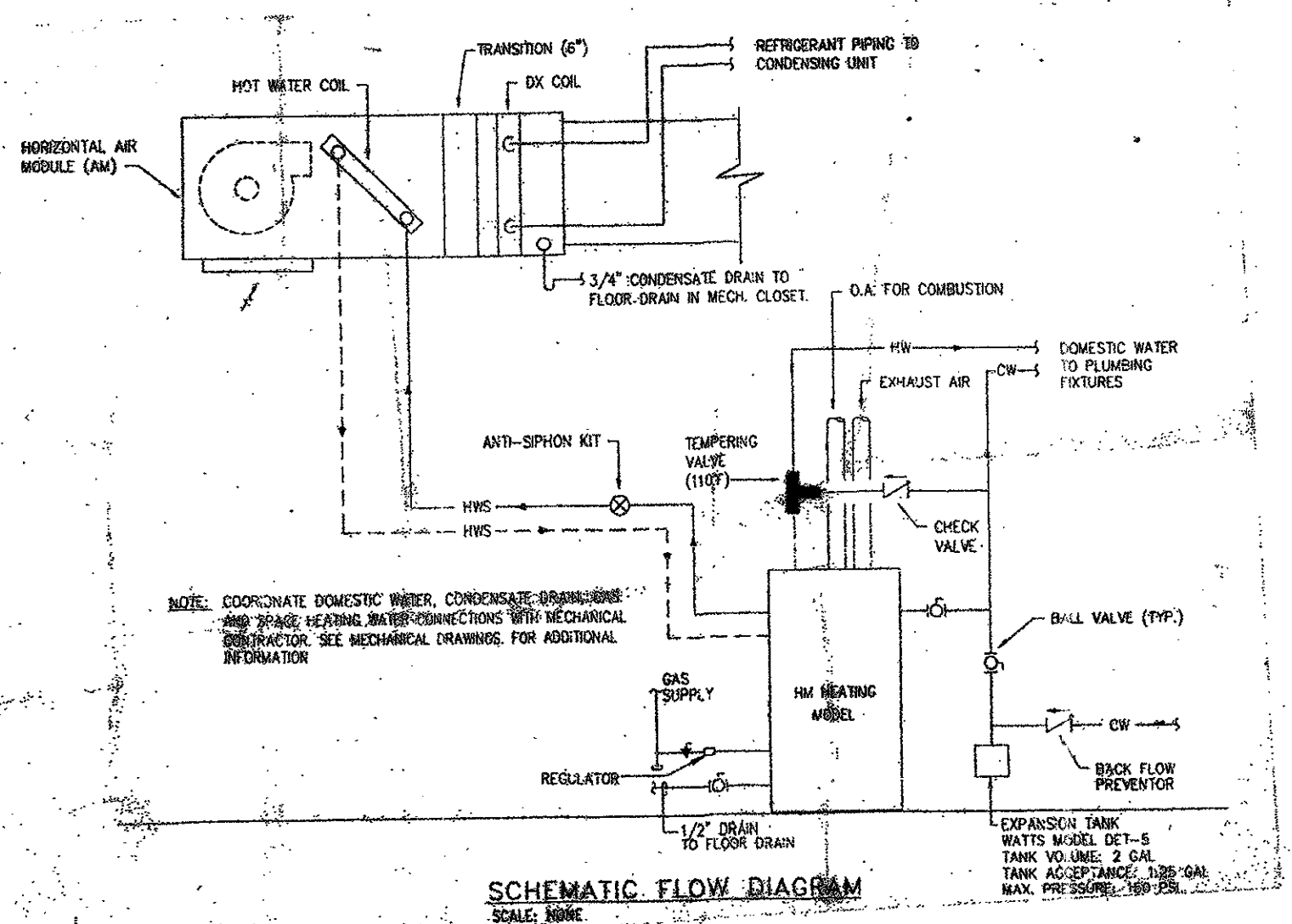
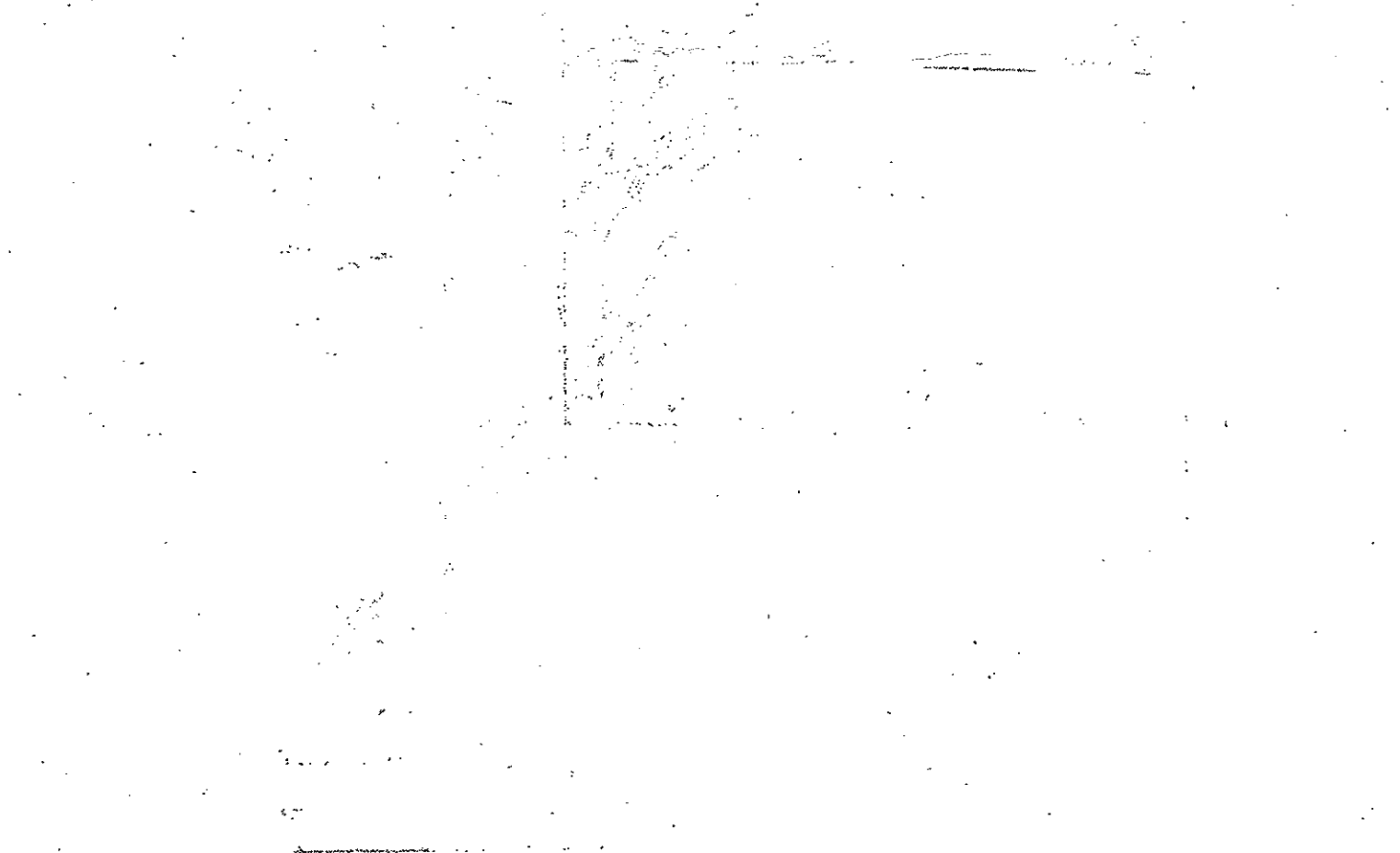
**Erosion & Sediment Control Plan**

H17 ALLISON STREET N.W.  
LOT 0059 SQUARE 2918  
WASHINGTON DC  
DATE: 07/16/14 SCALE: 1"=20'

Zone:	
Lot Size:	3128 S.F.
Impervious Area:	
Lot Coverage Proposed:	1933 S.F.
Lot Coverage EXIST:	920 S.F.
Disturbed Area:	2706 S.F.
Volume of Cut:	87 cu.
Volume of Fill:	0

C1

B1409828



**GENERAL NOTES - HVAC**

ALL WORK SHALL BE IN ACCORDANCE WITH MECA CODE & LOCAL CODES, CONSIDERED AS MINIMUM REQUIREMENTS.

ALL DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTION, BRACED AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA STD. 1.000 CODE REQUIREMENT. THE SUPPLY DUCT WORK SHALL BE OF 2" V.C. AND RETURN DUCT SHALL BE OF 2" V.C. THE MINIMUM GAUGES SHALL BE AS FOLLOWS:

DUCT SIZE	GAUGE
0 - 12"	26 GA.
14 - 20"	24 GA.
22 - 34"	22 GA.
36 - 54"	20 GA.

ALL DUCTWORK SHALL BE FABRICATED FROM FIELD TAKEN DIMENSIONS AND NOT FROM TRACING. CEILING CLEARANCE, PRIOR TO DUCT FABRICATION, SHALL BE VERIFIED WITH ALL ELECTRICAL, PLUMBING AND ARCHITECTURAL WORK REVISIONS TO DUCTWORK WILL BE MADE AS REQUIRED PER ABOVE AT NO ADDITIONAL COST TO THE OWNER. COORDINATE WITH NEW REFLECTED CEILING.

VERIFY ALL DIMENSIONS, OPERATIONS AND CLEARANCES AND COORDINATE WORK WITH ALL TRADES PRIOR TO STARTING OF WORK.

PROVIDE TURNING VANES, SPLITTER DAMPERS AND VOLUME DAMPERS AS NECESSARY TO BALANCE THE AIR QUANTITIES AS SHOWN BY THE TRACING BY INDEPENDENT BALANCING COMPANY OF PROFESSIONAL ENGINEER. PROVIDE VOLUME DAMPER AT ALL THE SUPPLY AND RETURN BRANCHES.

ALL DUCT OR PIPE PENETRATION THROUGH ROOF OR WALL SHALL BE CALKED AND SEALED. THE CONTRACTOR SHALL NOT CUT STRUCTURAL COMPONENTS WITHOUT APPROVAL OF OWNER'S ARCHITECT.

CONTRACTOR SHALL VISIT SITE TO FIELD VERIFY POINTS OF CONNECTION TO EXISTING FACILITIES AND SYSTEMS PRIOR TO THE JOB.

ALL WORK SHALL BE COORDINATED WITH OWNER TO MAINTAIN PREMISES IN ORDER AND CLEAN FROM DEBRIS.

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE WORK TO BE DONE AND SHALL EXAMINE THE SITE AND CONSIDER THE CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE IN THE PERFORMANCE OF THE CONTRACTED WORK. SUBSEQUENTLY IN THIS CONNECTION, FOR ANY ERRORS THROUGH NEGLIGENCE ON HIS PART, THE CONTRACTOR IS HEREBY ADVISED THAT HE WILL BE REQUIRED TO OBSERVE ALL RECOMMENDED PRACTICES FOR FIRE AND SAFETY PRECAUTIONS FOR THE PROTECTION OF THE FACILITY.

DIFFUSERS, REGISTERS, AND GRILLES SHALL BE METAL MESH OR EQUAL. ALL AIR OUTLETS SHALL BE OF COLOR TO MATCH ADJACENT CEILING OR WALLS AND OF ALUMINUM CONSTRUCTION. COORDINATE LOCATION OF CEILING DIFFUSERS WITH LIGHTS.

SUBMIT SIX (6) COPIES OF ALL HVAC EQUIPMENT FOR APPROVAL BY ARCHITECT.

**KITCHEN APPLIANCE SCHEDULE**

SYM.	DESCRIPTION	NOTE
A	RANGE	30" GAS, SELF-CLEANING
B	FRIDGE	24" GAS, SELF-CLEANING
C	DISHWASHER	24" UNDERCOUNTER
D	RANGE HOOD	30" VENTED
E	RANGE HOOD	30" VENTED
F	GARBAGE DISPOSAL	1/2 HP
G	REFRIGERATOR	24"

**NOTE:**  
KITCHEN CABINETS SHALL BE BUILDERS GRADE OR WOOD  
ALL COUNTERTOPS SHALL BE PLASTIC LAMINATED.

**BATH/TOILET ACCESSORIES**

SYM.	DESCRIPTION	MOUNTING HGT.
A	BATH TUB	FLOOR MOUNTED SPRINGS
B	WATER CLOSET	FLOOR MOUNTED
C	LABATORY	19X18"
D	MIRROR CABINET	16 1/2" X 24" 18" X 7/8" RECESSED WAINSCOT
E	TUMBLER/TOOTHBRUSH	WALL MOUNTED
F	TOILET PAPER HOLDER	SURFACE MOUNTED
G	SHOWER HEAD	78" ABOVE FIN FLOOR
H	SHOWER ROD	78" ABOVE FIN FLOOR
I	SOAP DISH	RECESSED, 18" ABOVE TOP OF TUB

**Electrical Data**

Model	Volts	PH	Wire Ampacity	Maximum Overcurrent Protection	Maximum Volts	Minimum Volts	Compressor FLA	Cond. Fan FLA	FLA LRA	FLA HP
CK18-1	208/230	1	12.6	20	253	197	9.0	45	1.3	1/6
CK24-1	208/230	1	16.4	25	253	197	12.1	57	1.3	1/6
CK30-1	208/230	1	19.7	30	253	197	14.7	73	1.3	1/6
CK36-1	208/230	1	23.2	40	253	197	17.5	92	1.3	1/6
CK36-3	208/230	3	14.9	25	253	197	10.9	78	1.3	1/6
CK42-1	208/230	1	25.8	45	253	197	19.6	102	1.3	1/6
CK49-1	208/230	1	26.8	45	253	197	20.0	110	1.3	1/6
CK49-3	208/230	3	17.8	30	253	197	12.8	78	1.8	1/4
CK60-1	208/230	1	37.8	60	253	197	28.8	175	1.8	1/4
CK60-3	208/230	3	21.2	35	253	197	15.5	124	1.8	1/4
CK60-4	480	3	11.1	15	506	414	7.4	59.6	1.8	1/4
CK62-1/1A	208/230	1	35.9	60	253	197	26.9	147	2.3	1/3

\*May use fuses or HACR type Circuit Breakers of the same size as noted.

**Mechanical Notes**

THE CONTRACTOR SHALL LAY OUT HIS WORK AND COORDINATE THE SAME WITH THAT OF OTHER TRADES AND BE RESPONSIBLE FOR ALL MEASUREMENTS.

THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS AND PAY FOR ALL FEES, CHARGES, AND PERMITS REQUIRED, AND FOR ALL HAULING, KIBBING AND TRANSPORTATION CHARGES.

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK AND SHALL NOTIFY THE ENGINEER IF A CONDITION EXISTS WHICH PREVENTS THE CONTRACTOR FROM ACCOMPLISHING THE WORK OF THE DRAWINGS. ALL WORK SHALL BE FIELD VERIFIED FOR ACCURACY.

THE CONTRACTOR SHALL BE AWARE OF EXISTING BUILDING FINISHES, FURNITURE, AND EQUIPMENT AND BE RESPONSIBLE FOR PROTECTING THEM FOR ANY DAMAGE CAUSED BY OR RESULTING FROM HIS WORK.

THE CONTRACTOR SHALL DEMAND AND SERVICE ALL WORKMANSHIP AND MATERIALS TO BE AS REPRESENTED BY HIM AND SHALL REPAIR OR REPLACE, AT NO ADDITIONAL COST TO THE OWNER, ANY PART THEREOF WHICH MAY BECOME DEFECTIVE WITHIN THE PERIOD OF ONE (1) YEAR AFTER THE DATE OF FINAL ACCEPTANCE BY THE ENGINEER.

INTERIOR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL OF PROPER GAGE PER DUCT DIMENSION AS RECOMMENDED FOR LOW VELOCITY CONSTRUCTION BY THE ASHRAE GUIDE AND DATA BOOK, SMACNA 1987. PRESSURE DUCT CONSTRUCTION STANDARDS AND MECA CODES SHALL APPLY.

TURNING VANES SHALL BE USED AT ALL SQUARE ELBOWS OR SUPPORT BENDS. VANES SHALL BE TITLED AND BALANCED OR APPROVED EQUAL, INSTALLED AS RECOMMENDED BY MANUFACTURER.

INSTALL FLEXIBLE CONNECTIONS AT THE DUCT CONNECTIONS OF ALL FANS, ALL CONDITIONING UNITS AND AIR HANDLING UNITS. FLEXIBLE CONNECTIONS SHALL BE CONSTRUCTED OF NON-FLAMMABLE CANVAS APPROVED BY THE UNDERWRITERS LABORATORIES INC. INSTALLATION SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

INSULATE ALL SUPPLY DUCTWORK WITH A MINIMUM 1" FIBERGLASS INSULATION AS MANUFACTURED BY JOHN MANVILLE OR APPROVED EQUAL. FIBER GLASS SHALL BE U.S. APPROVED AND LABELED.

CEILING DIFFUSERS SHALL BE CANVAS OR METAL WITH VOLUME CONTROL DIFFUSERS, TURNING VANES AND EXTRACTORS, FURNISHED BY THE MANUFACTURER, FITTED AT EACH DUCT TAKE-OFF (COLLAR) TO PROVIDE UNIFORM VELOCITY ACROSS THE DIFFUSER INLET.

THE CONTRACTOR SHALL BALANCE AND ADJUST SUPPLY RETURN AND EXHAUST SYSTEM TO PROVIDE THE DESIGN AIR FLOW, AS INDICATED SHEET, SEBSE.

**PLUMBING FIXTURE CONNECTION SCHEDULE**

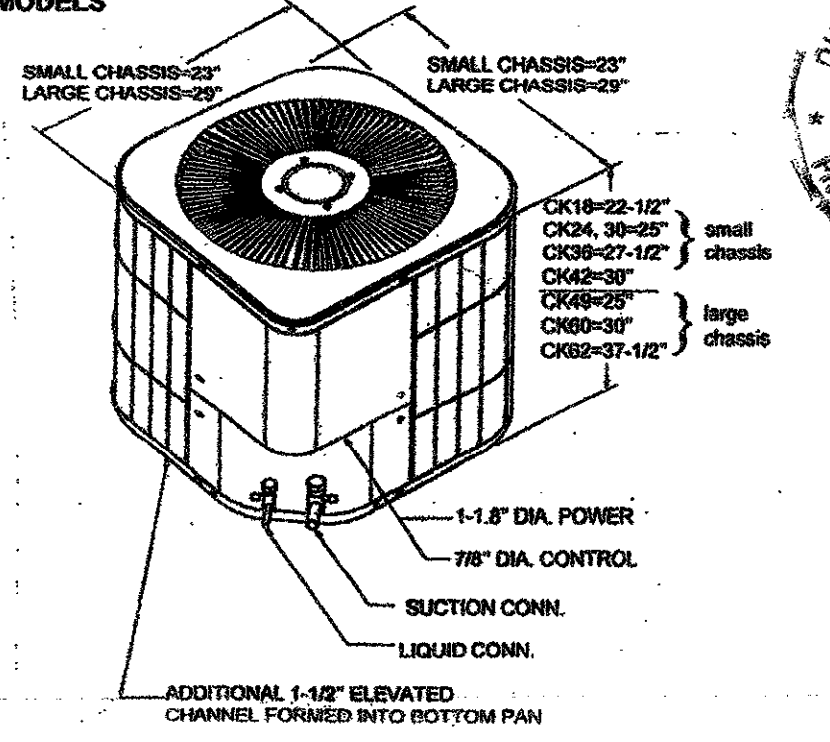
ITEM	DESIGNATION	W	V	CU	HU	ITEM
WC	WATER CLOSET	4"	2"	10"	-	FLOOR MOUNTED TANK
SK	KITCHEN SINK	2"	2"	10"	10"	SINGLE COMPARTMENT W/D/B/O/SER
L	BATHROOM LAV	2"	2"	10"	10"	
SH	SHOWER	2"	2"	10"	10"	
BT	BATH TUB	2"	2"	10"	10"	
WM	WASHING MACHINE	2"	2"	10"	10"	
DW	DISH WASHER	-	-	-	10"	

- NOTES:**
- STOP VALVES ON EACH FIXTURE, TYPICAL
  - FLOW CONTROL FITTINGS AT LAVS
  - AERATOR ON SINK
  - FOR DISHWASHER, SUPPLY WITH VALVE AND DECK MOUNTED AIR GAP FITTINGS WITH INLET HOSE CONNECTED TO DISHWASHER DISCHARGE AND OUTLET HOSE CONNECTED TO DISPOSER
  - AT SHOWER (4 TUB/SQUOER), INSTALL 1/2" PIPING FROM FAUCET TO SHOWER HEAD.
  - AT WASHING MACHINE, PROVIDE RECESSED OUTLET BOX WITH WATER HOSE BIBBS AND DRAIN FITTING

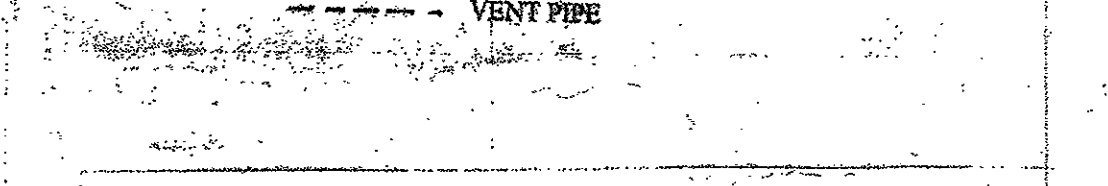
**Physical Data**

Model	Liquid Connection	Suction Connection	Type	Approx. Shipping Weight
CK18-1	3/8"	3/4"	Sweet	125
CK24-1	3/8"	3/4"	Sweet	135
CK30-1	3/8"	3/4"	Sweet	140
CK36-1/3	3/8"	3/4"	Sweet	150
CK42-1	3/8"	3/4"	Sweet	180
CK49-1/3	3/8"	7/8"	Sweet	178
CK60-1/3/4	3/8"	7/8"	Sweet	208
CK62-1A-1A	3/8"	7/8"	Sweet	258

**DIMENSIONAL DATA**  
CK18-62 MODELS



- PLUMBING NOTES & SPECIFICATIONS**
- ALL DRAWINGS, I.E. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING ARE COMPLEMENTARY AND MUST BE USED IN CONJUNCTION TO OBTAIN COMPLETE CONSTRUCTION INFORMATION.
  - ANY INFORMATIONAL CONFLICTS WITHIN THE DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL ALL CONFLICTS ARE RESOLVED AND THE CLARIFYING INFORMATION IS ISSUED TO THE CONTRACTOR BY THE ARCHITECT.
  - ALL SANITARY SEWER PIPING SHALL BE INSTALLED WITH A 1/4" PER FOOT GRADE UNLESS NOTED OR AS INDICATED OTHERWISE. PROVIDE CLEANOUTS ON ALL SEWER BEING HORIZONTAL AND VERTICAL. WHERE INDICATED AND/OR PERMITTED BY MECA PLUMBING CODE.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASUREMENT AND COORDINATE ALL PIPING TO BE INSTALLED WITH ALL OTHER TRADES, TO ASSURE THAT ALL PIPING SYSTEMS ARE INSTALLED ABOVE FINISHED CEILING OR IN A CONCEALED SPACE. ALL CEILING HEIGHTS INDICATED ON ARCHITECTURAL DRAWINGS AND MINIMUM CLEARANCES REQUIRED BY MECA CODES SHALL BE MAINTAINED THROUGHOUT THE BUILDING.
  - ALL CUTTING, DRILLING, AND PRYING OF WALLS, FLOORS AND/OR STRUCTURAL MEMBERS OF THE INSTALLATION OF THE SYSTEMS SHALL BE COORDINATED WITH THE PROJECT STRUCTURAL ENGINEER. STRUCTURAL COMPONENTS SHALL NOT BE CUT, DRILLED OR REMOVED IN ANY WAY WITHOUT THE STRUCTURAL ENGINEER'S REVIEW AND PRIOR APPROVAL.
  - ALL PIPING SYSTEMS, VALVES, AND EQUIPMENT SHALL BE PROPERLY IDENTIFIED.
  - ALL PLUMBING EQUIPMENT SHALL CONFORM TO ALL REQUIREMENTS OF THE LOCAL ENERGY CONSERVATION AND PLUMBING CODES.
  - THE PLUMBING CONTRACTOR SHALL VERIFY EXISTING BUILDING CONDITIONS AND COORDINATE HIS WORK WITH EXISTING CONDITIONS. ANY CONFLICTS BETWEEN HIS WORK AND EXISTING CONDITIONS THAT WILL NOT ALLOW PROCEEDING THEREWITH SHALL BE RESOLVED IN ACCORDANCE WITH THE ARCHITECT AND ENGINEER PRIOR TO STARTING.
  - PLUMBING CONTRACTOR SHALL VERIFY EXISTING INVERTS AND VERIFY THAT ALL FINAL CONNECTIONS CAN BE MADE BEFORE COMMENCING WORK.
  - THE PLUMBING CONTRACTOR SHALL MAKE ALL ARRANGEMENTS AND PAY FOR ALL FEES, CHARGES, AND PERMITS REQUIRED, AS WELL AS FOR HAULING, KIBBING AND TRANSPORTATION CHARGES.
  - ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND OWNER.

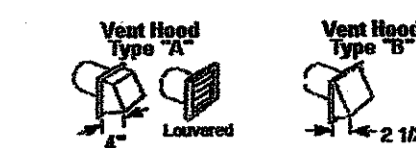


- GENERAL NOTES**
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST NATIONAL ELECTRICAL CODE, THE LIFE SAFETY CODE AND ALL LOCAL CODE AUTHORITIES HAVING JURISDICTION.
  - ALL NEW ELECTRICAL EQUIPMENT SHALL BE LABELED BY U.L. OR OTHER ACCREDITED AUTHORITY AGENCIES AND TESTING ORGANIZATIONS.
  - CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT AND RELATED ITEMS FOR TWELVE MONTHS AFTER FINAL COMPLETION OF WORK AND REPLACE ANY DEFECTIVE MATERIALS, EQUIPMENT AND RELATED ITEMS WITHIN THE GUARANTEE PERIOD.
  - CONTRACTOR SHALL VISIT THE SITE TO DETERMINE CONDITIONS WHICH MAY AFFECT THE BID.
  - CONTRACTOR SHALL OBTAIN PERMITS AND PAY ALL FEES. PERMITS SHALL BE GIVEN TO THE OWNER WHEN THE PROJECT IS COMPLETED.
  - WIRE, CONNECT AND ENERGIZE ALL EQUIPMENT, DEVICES AND APPLIANCES INDICATED, INCLUDING THE MODULAR FURNITURE.
  - ALL NEW OUTLET BOXES SHALL BE LOCATED IN OR ON CLEAR WALL SPACES, NOT IN SHELVES, BEHIND DOORS, CABINETS, ETC. ITEMS IMPROPERLY LOCATED WILL BE RELOCATED AT CONTRACTOR'S EXPENSE.
  - ALL ELECTRICAL SYSTEMS, DEVICES AND RELATED ITEMS SHALL BE TESTED, REPLACED, AND ALL DEFECTIVE DEVICES, ITEMS OR SYSTEMS BEFORE COMPLETION OF THE PROJECT.
  - EQUIPMENT, ITEMS AND APPLIANCES REQUIRING INSPECTION, MAINTENANCE, OR MANUAL OPERATION SHALL NOT BE INSTALLED IN INACCESSIBLE LOCATIONS.
  - VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR OR CEILING CONTRACTOR TO INSURE THAT ALL LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. DO NOT ORDER LIGHTING FIXTURES UNTIL CEILING TYPE HAS BEEN VERIFIED.
  - SUPPORT CEILING MOUNTED LIGHTING FIXTURES DIRECTLY FROM THE BUILDING STRUCTURES. DO NOT SUPPORT FIXTURES FROM PIPING, DUCTWORK OR ANY OTHER EQUIPMENT INSTALLED IN THE CEILING PLENUM.
  - INSTALL NEW BREAKERS IN EXISTING PANELBOARDS AS NECESSARY. NEW BREAKERS TO MATCH EXISTING CONDITIONS. REARRANGE EXISTING CIRCUITS WITHIN EXISTING PANELS AS NECESSARY. NEW PANELBOARD SHALL BE EQUIPPED WITH COPPER PHASE, NEUTRAL AND GROUND BUS WITH BOLT ON CIRCUIT BREAKERS AND TYPED WRITTEN DIRECTORY.
  - ALL WIRE/CABLE SHALL BE COPPER AND ALL WIRE SIZES ARE BASED ON COPPER CONDUCTORS UNLESS OTHERWISE INDICATED. PROVIDE INSULATION TYPE EQUAL TO OR EXCEEDING THE TEMPERATURE RATING OF THE FIXTURES TO WHICH IT CONNECTS.
  - MINIMUM SIZE FOR NEW RACEWAY SHALL BE 3/4" C.
  - ALL EMPTY CONDUITS SHALL BE EQUIPPED WITH PULL WIRES.
  - ALL CONDUITS SHALL BE CAREFULLY SECURED FROM THE BUILDING STRUCTURE.
  - EXCEPT AS OTHERWISE INDICATED, PANELBOARD CABINETS SHALL NOT BE USED FOR OTHER PURPOSES THAN CIRCUIT PROTECTION AND ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. DO NOT ORDER LIGHTING FIXTURES UNTIL CEILING TYPE HAS BEEN VERIFIED.
  - FOR ELECTRICAL HOMERUNS AND WIRING, CONDUITS SHALL BE EMT OR MC AS PERMITTED BY CODES. ALL CONNECTIONS TO EQUIPMENT SUBJECT TO VIBRATION SHALL BE MADE VIA A W.P. FLEXIBLE METAL CONDUIT. MC MAY BE USED WHERE PERMITTED BY CODE.
  - PROVIDE AS-BUILT DRAWINGS TO THE OWNER UPON COMPLETION OF PROJECT.
  - PROVIDE 3-MINUTE MAINTENANCE AND OPERATING MANUALS AND WARRANTIES FOR ALL EQUIPMENT TO THE OWNER UPON COMPLETION OF THE PROJECT.

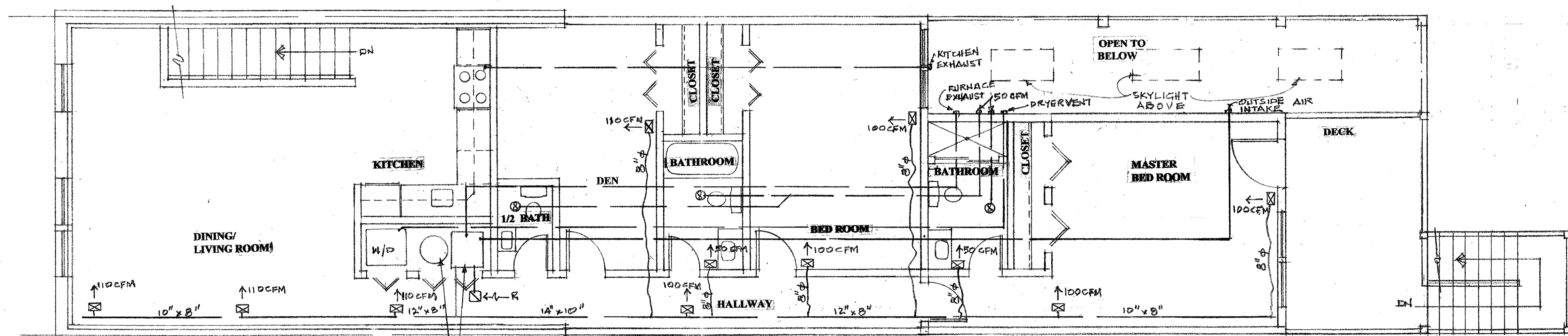
**Dryer Venting Comparison Chart**

The chart below shows the manufacturer recommendations for maximum vent length under various conditions. The recommendations can change from model to model even on the same brand's products so consult the owner's manual or installation instructions for your specific model.

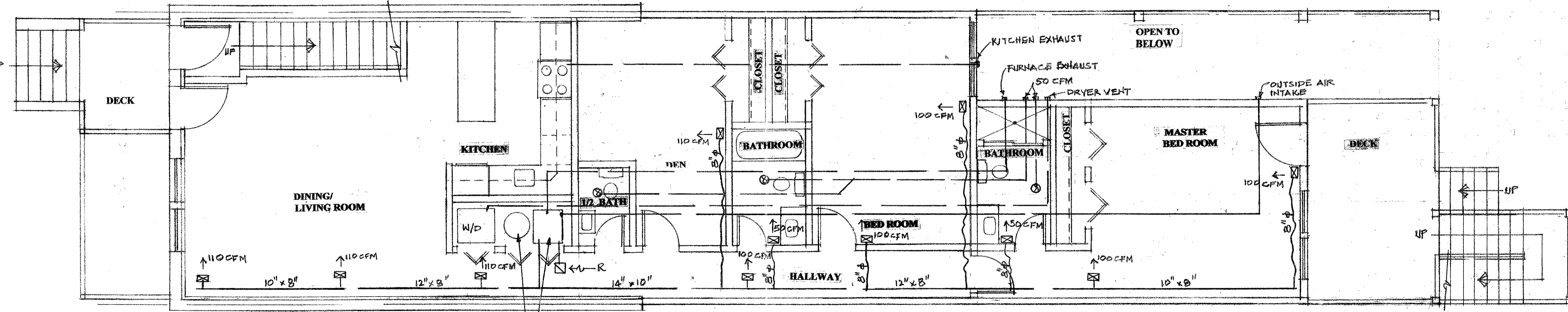
Vent length for vertical installations should likely be "considerably" less than the maximum lengths quoted which are geared to regular horizontal vent installations.



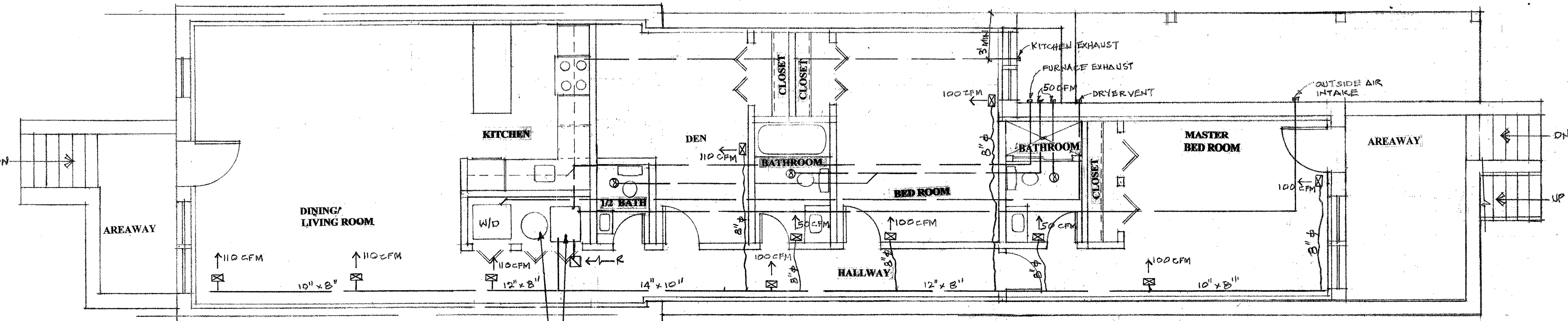
Brand	Vent Material	Hood Type	Maximum Vent Length with 90° elbows				
			0 elbows	1 elbow	2 elbows	3 elbows	4 elbows
Amana Speed Queen (domestic)	Rigid	A	44 ft.	34 ft.	26 ft.	20 ft.	14 ft.
	-Metal	B	34 ft.	26 ft.	20 ft.	14 ft.	8 ft.
	Semirigid	A	24 ft.	20 ft.	16 ft.	12 ft.	8 ft.
Frigidaire White Westinghouse Tappan, Gibson	Rigid	A	60 ft.	52 ft.	44 ft.	32 ft.	28 ft.
	-Metal	B	48 ft.	40 ft.	32 ft.	24 ft.	16 ft.
TO BE USED	Rigid	A	90 ft.	60 ft.	45 ft.	35 ft.	25 ft.
	-Metal	B	60 ft.	45 ft.	35 ft.	25 ft.	15 ft.
GE (6.0+ capacity electric models)	Rigid	A	55 ft.	40 ft.	30 ft.	20 ft.	15 ft.
	-Metal	B	45 ft.	30 ft.	20 ft.	15 ft.	10 ft.
GE (5.7 capacity gas & electric)	Rigid	A	60 ft.	52 ft.	44 ft.	32 ft.	28 ft.
	-Metal	B	48 ft.	40 ft.	32 ft.	24 ft.	16 ft.
GE (6.0+ capacity gas models)	Rigid	A	45 ft.	35 ft.	25 ft.	15 ft.	10 ft.
	-Metal	B	30 ft.	20 ft.	10 ft.	-	-
Camco GE, Moffat, McClary	Rigid	A	45 ft.	35 ft.	25 ft.	-	-
	-Metal	B	30 ft.	20 ft.	10 ft.	-	-
Magic Chef Admiral, Norge	Rigid	A	45 ft.	35 ft.	25 ft.	-	-
	-Metal	B	30 ft.	20 ft.	10 ft.	-	-
Maytag MDE... models	Rigid	A	65 ft.	54 ft.	44 ft.	36 ft.	28 ft.
	-Metal	B	59 ft.	48 ft.	38 ft.	30 ft.	22 ft.
	Flexible	A	36 ft.	32 ft.	28 ft.	25 ft.	23 ft.
	-Metal	B	28 ft.	24 ft.	20 ft.	17 ft.	15 ft.



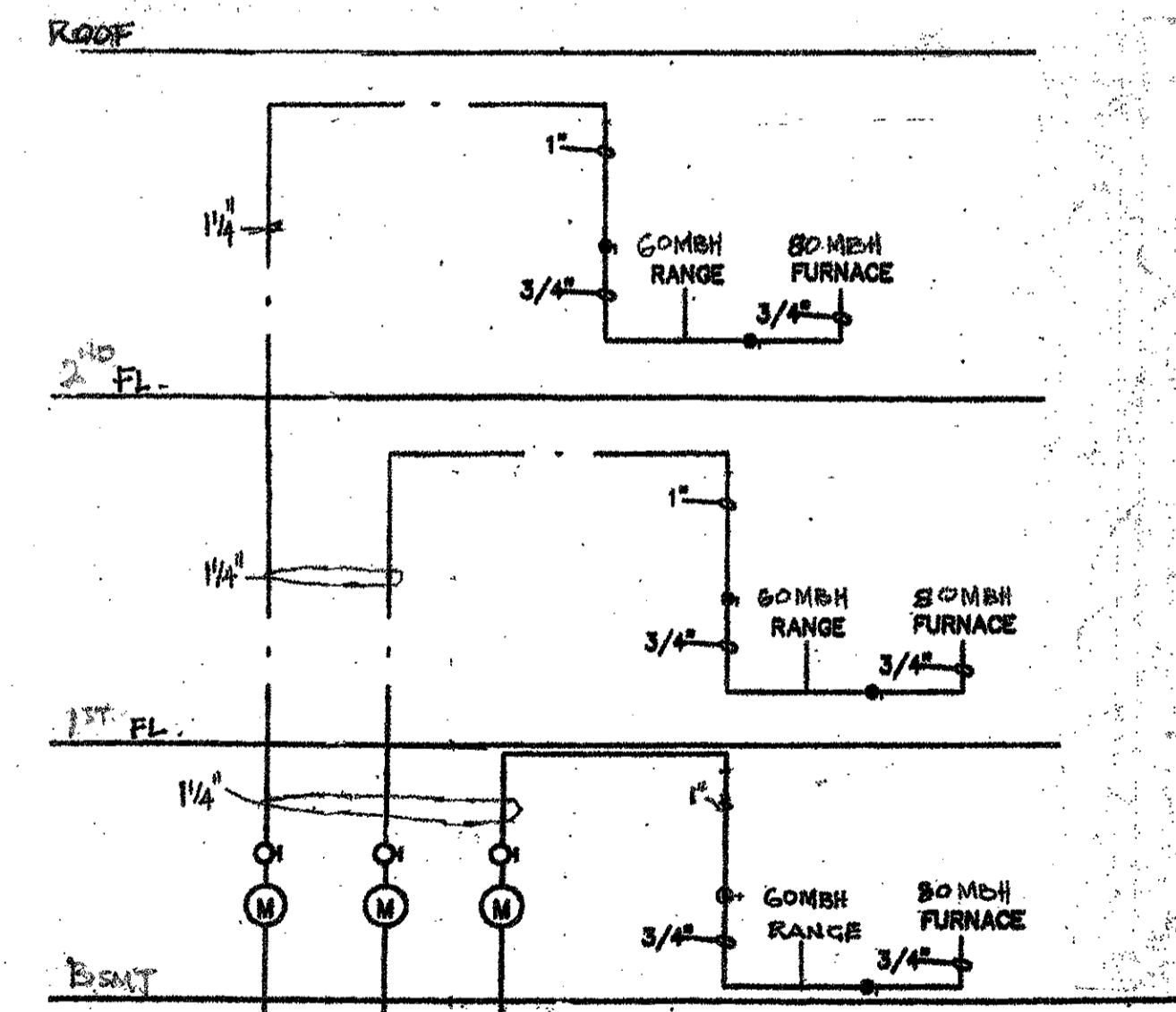
**PROPOSED SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



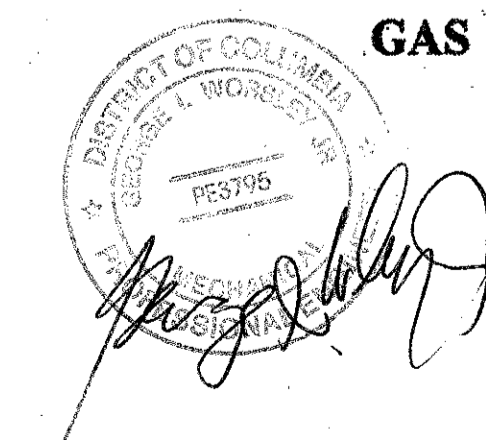
**PROPOSED FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

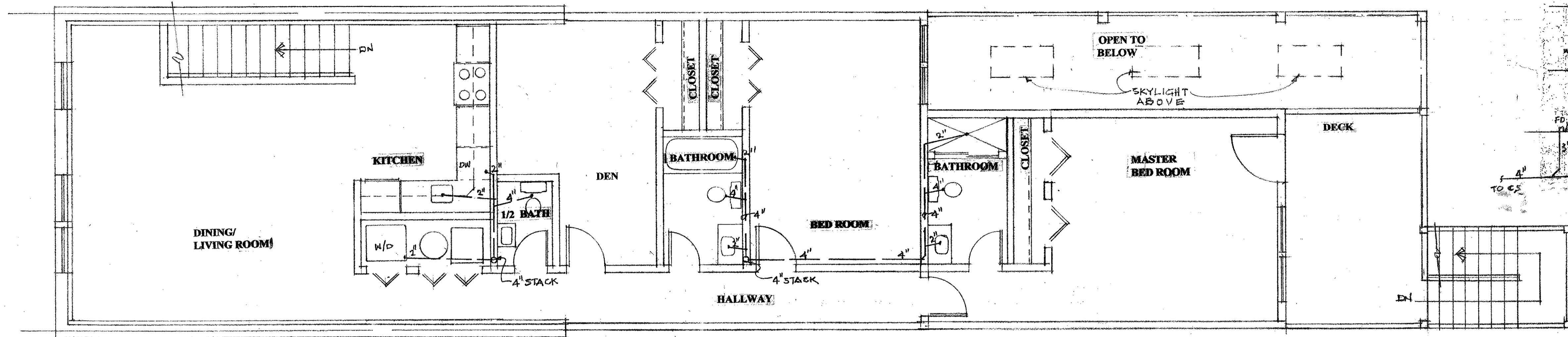


**PROPOSED BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

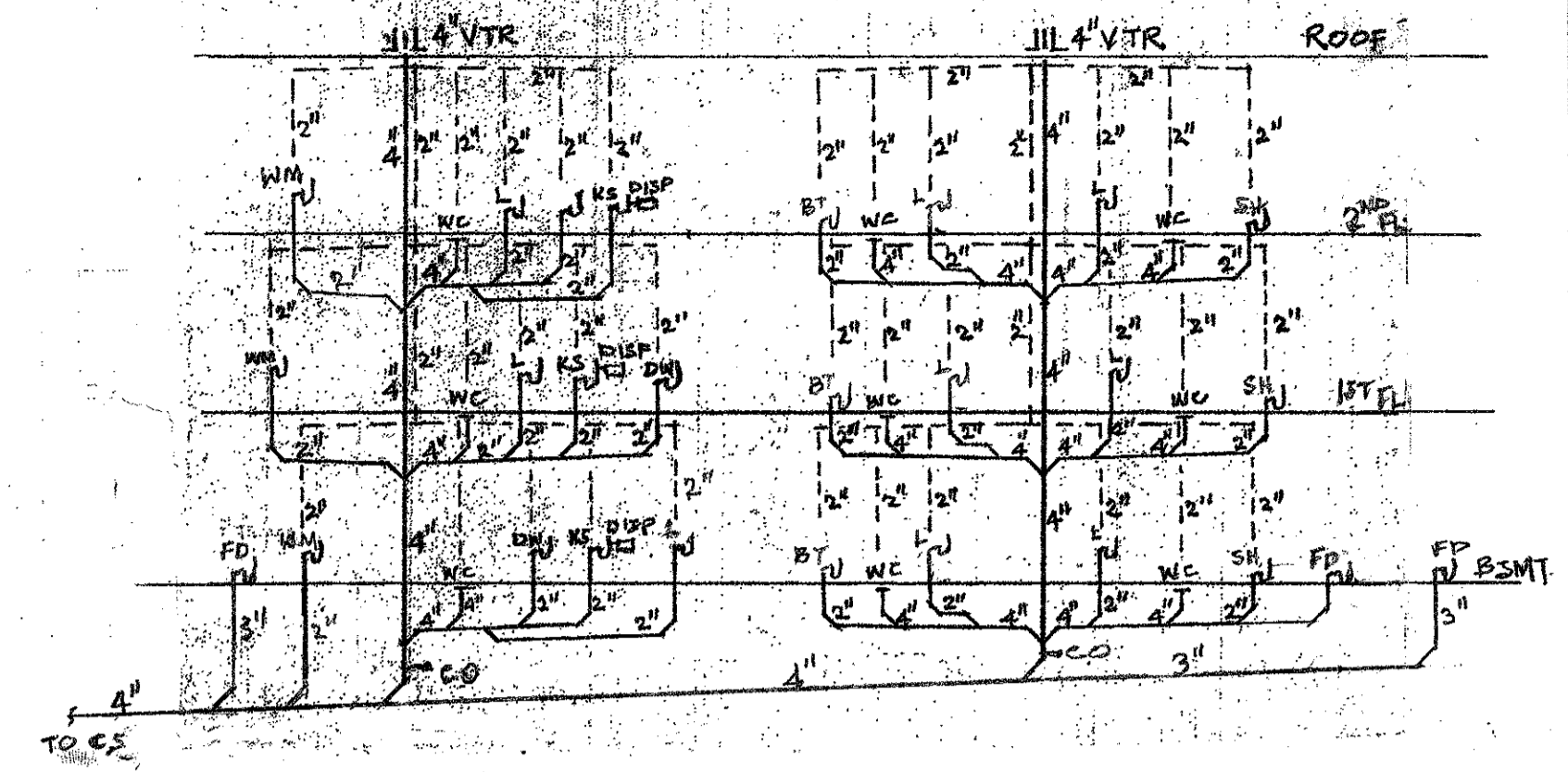


LONGEST PIPE RUN = 4 FEET  
GAS PRESSURE = .5 PSI AND PRESSURE DROP OF .5 INCH WATER COLUMN  
**GAS RISER DIAGRAM**

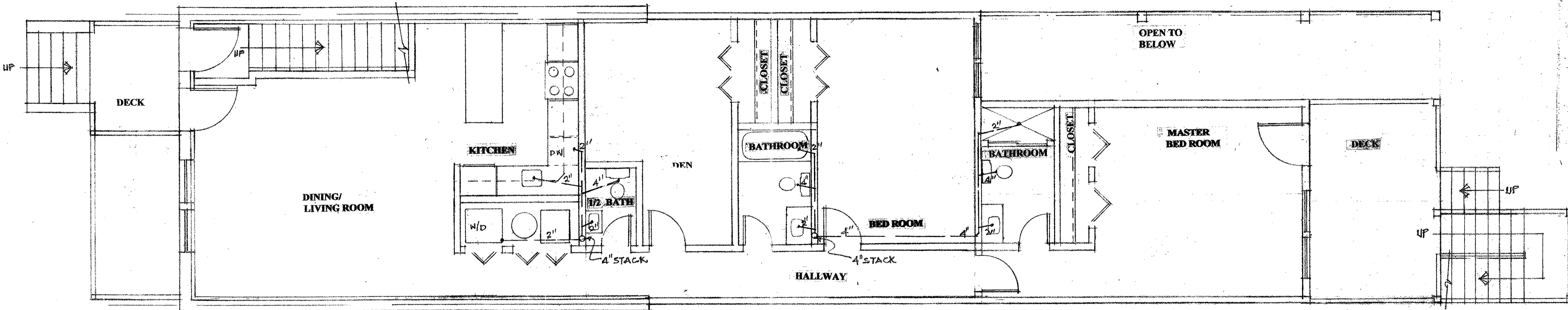




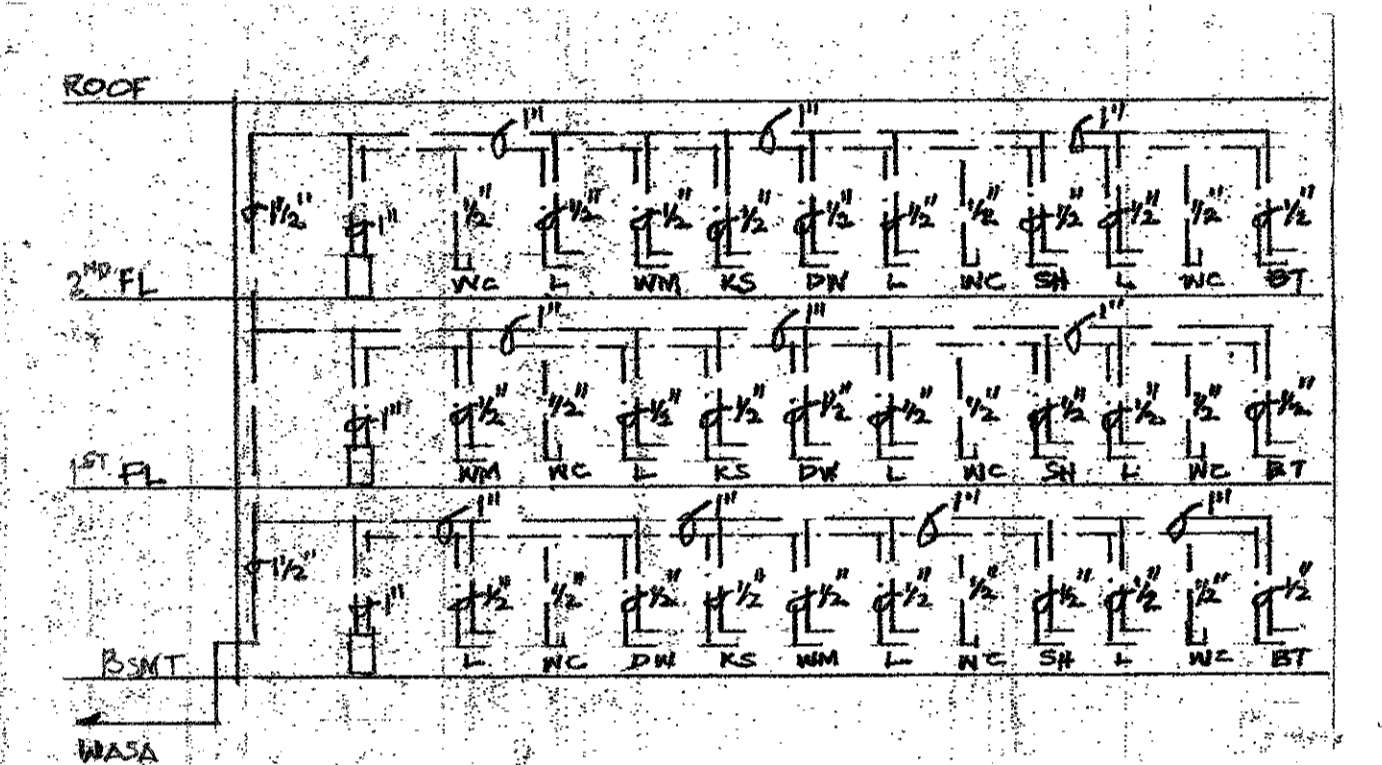
**PROPOSED SECOND FLOOR PLAN**  
SCALE: 1/2" = 1'-0"



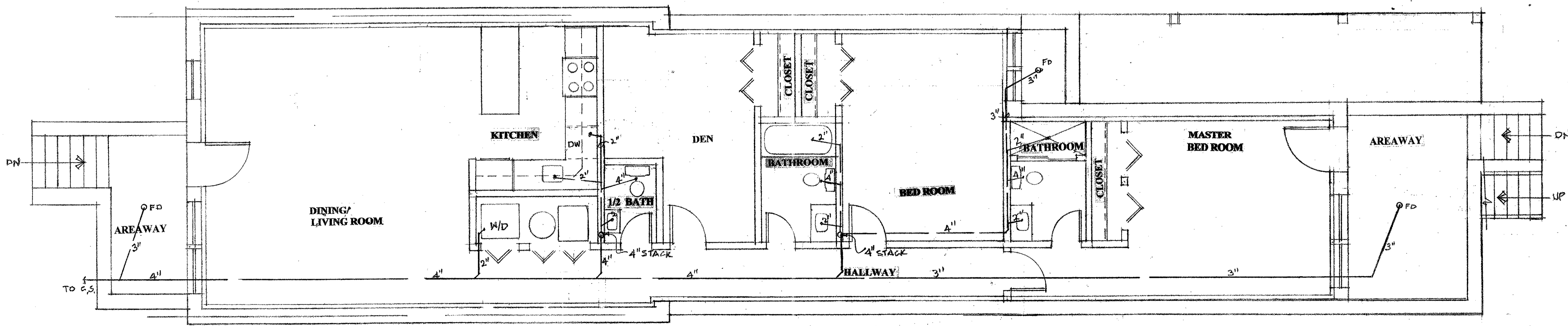
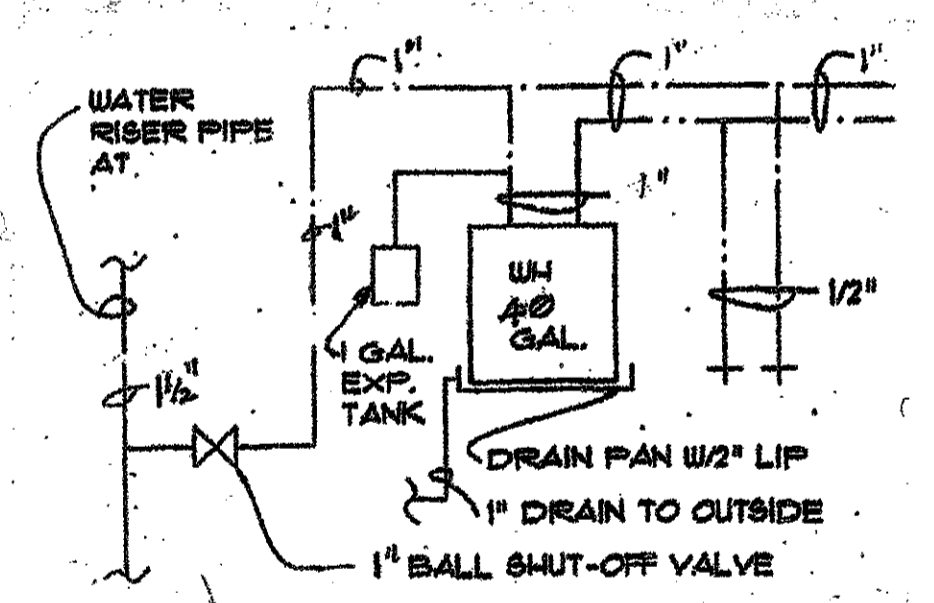
**PLUMBING RISER DIAGRAM**  
N.T.S.



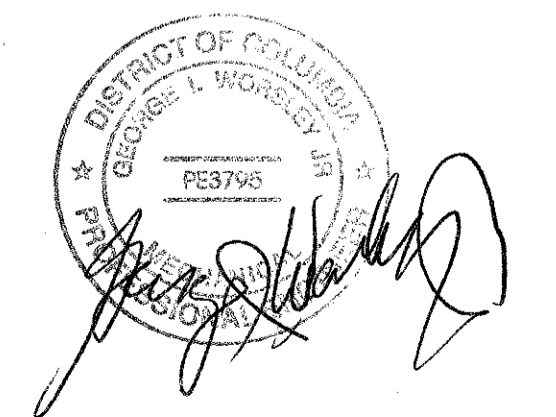
**PROPOSED FIRST FLOOR PLAN**  
SCALE: 1/2" = 1'-0"



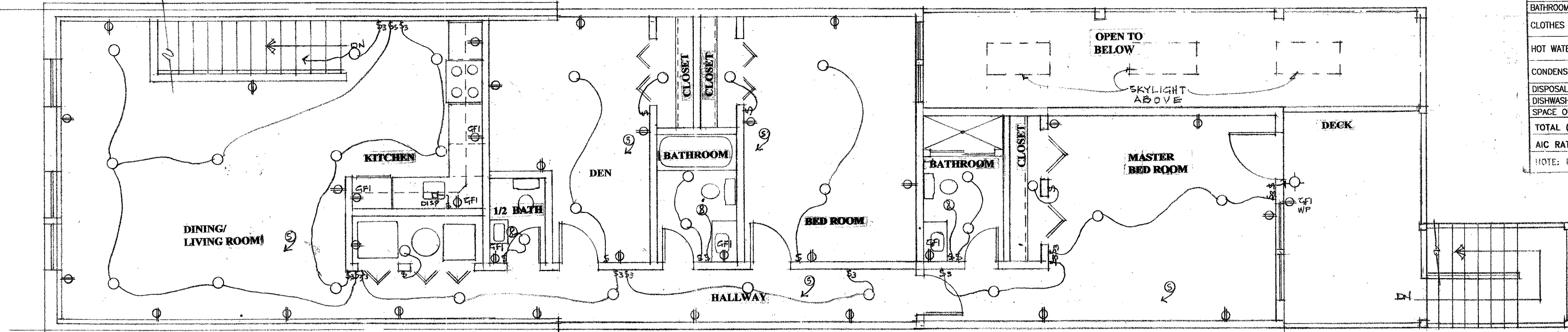
**WATER RISER DIAGRAM**  
N.T.S.



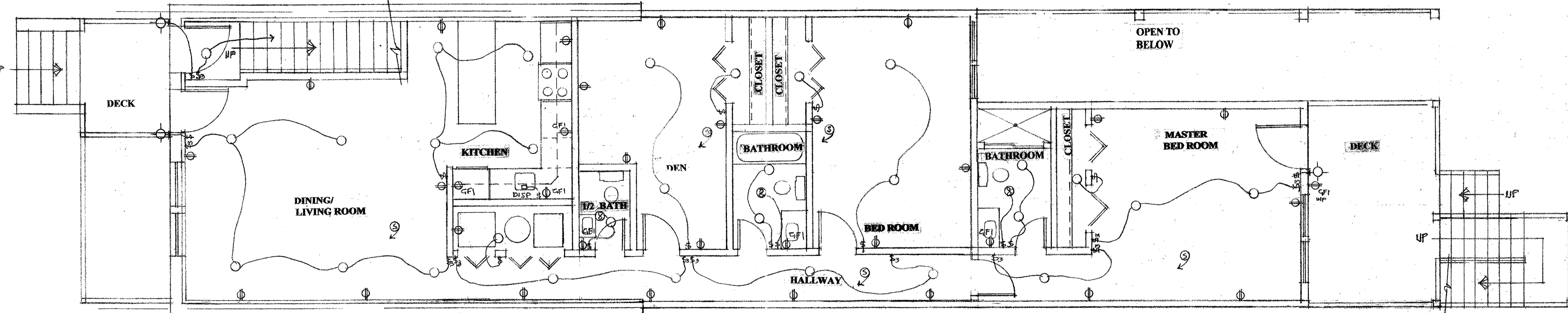
**PROPOSED BASEMENT FLOOR PLAN**  
SCALE: 1/2" = 1'-0"



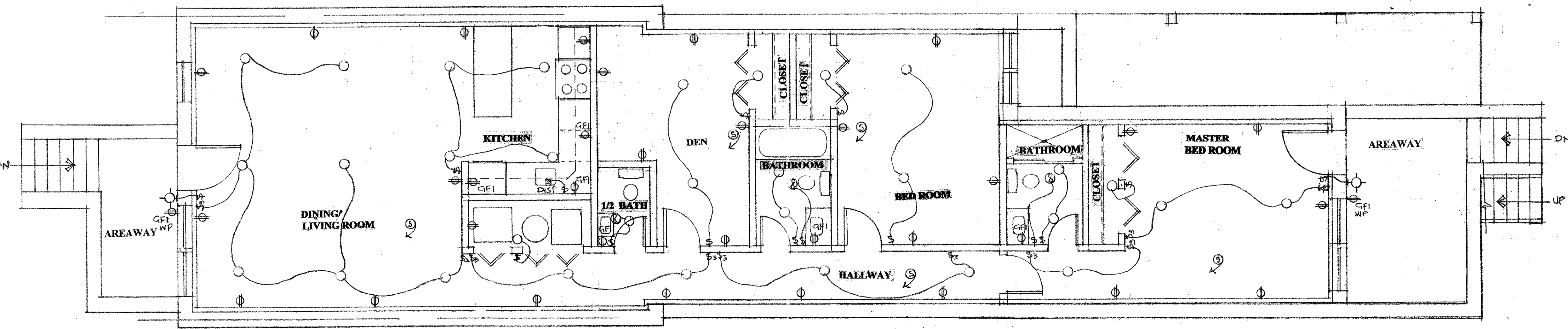
PANEL		SERVICE: 208/120V., 1PH., 3W.		ENTER TORB'T AT:				
FEEDER: 3#1+1#6G.		MTG. RECESSED		LOCATION:				
DESCRIPTION	LOAD KVA		P O L E	T R I P	C I R C U I T #	LOAD KVA	DESCRIPTION	
	#A	#B						#A
LIGHTS	1.2		1	20	1	1.5	KITCHEN RECEPTACLES	
BATHROOM RECEPTACLES	1.5	1.5	1	20	3	1.5	KITCHEN RECEPTACLES	
BATHROOM RECEPTACLES	1.5		1	20	5	1.5	DINING RM. RECEPT.	
CLOTHES DRYER	2.5	2.5	2	30	7	1.4	CLOTHES WASHER	
HOT WATER HEATER	2.5		2	30	9	1.5	LAUNDRY RECEPTACLES	
					12	1	AHU	
					14	15	1.0	RECEPTACLES
CONDENSING UNIT	1.1	1.1	2	15	13	1.3	RECEPTACLES	
					18	15	1.5	RECEPTACLES
DISPOSAL	1.4	1.2	1	20	19	1.3	RECEPTACLES	
DISHWASHER			1	20	21	-	SPARE	
SPACE ONLY			1	23	24	-	SPACE ONLY	
TOTAL (KVA) = 32.4		#A = 17.2		#B = 15.2				
AIC RATING 10 KVIC		AMPS/PHASE AT 208/120		VOLT (DEMAND)				
NOTE: PROVIDE #14AWG CONDUCTORS FOR 15A. CIRCUITS; #12 AWG FOR 20A. CIRCUITS; #10 AWG FOR 30A. CIRCUITS.								



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

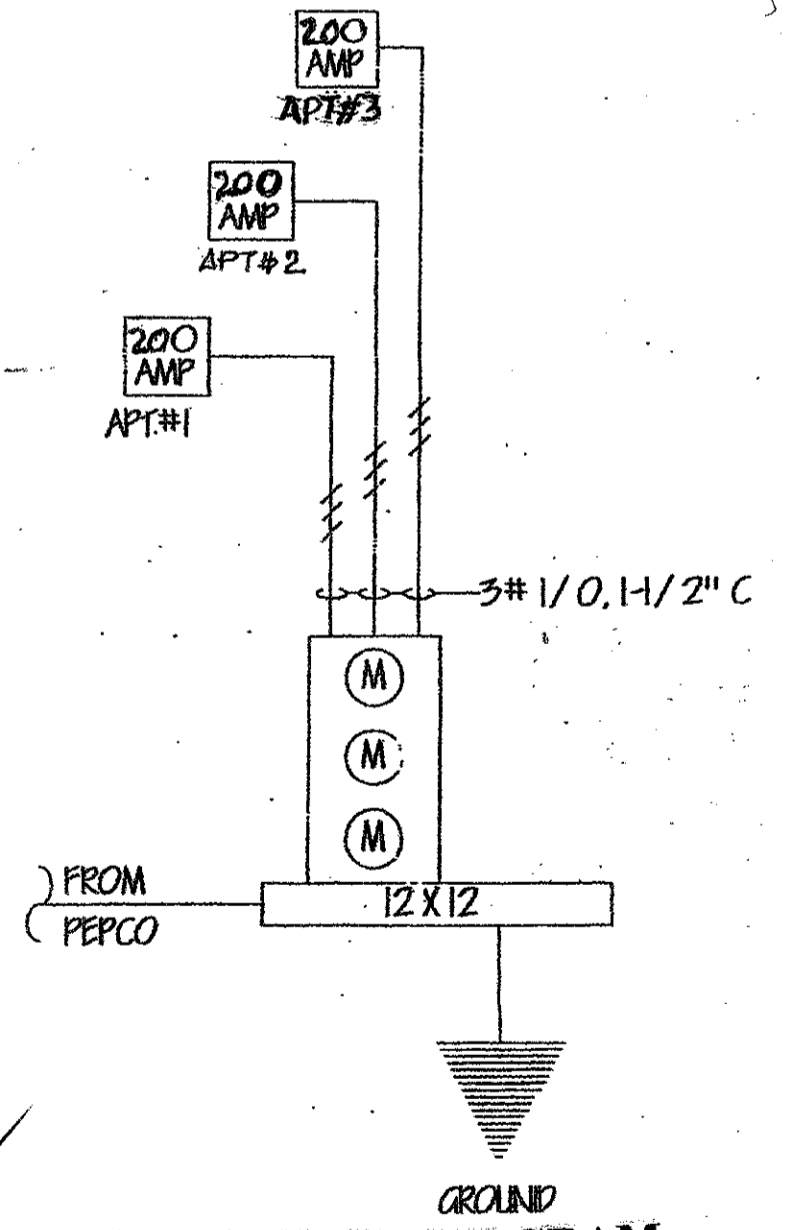


PROPOSED FIRST FLOOR PLAN  
SCALE: 1/2" = 1'-0"



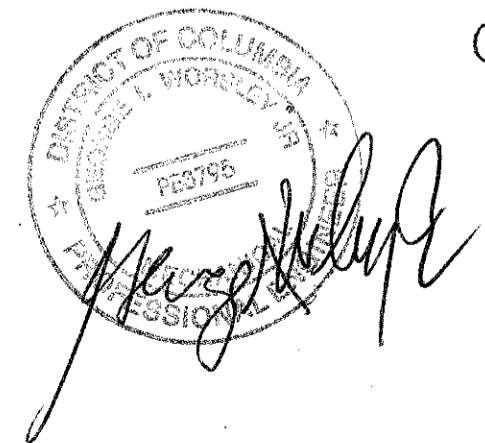
PROPOSED BASEMENT FLOOR PLAN  
SCALE: 1/2" = 1'-0"

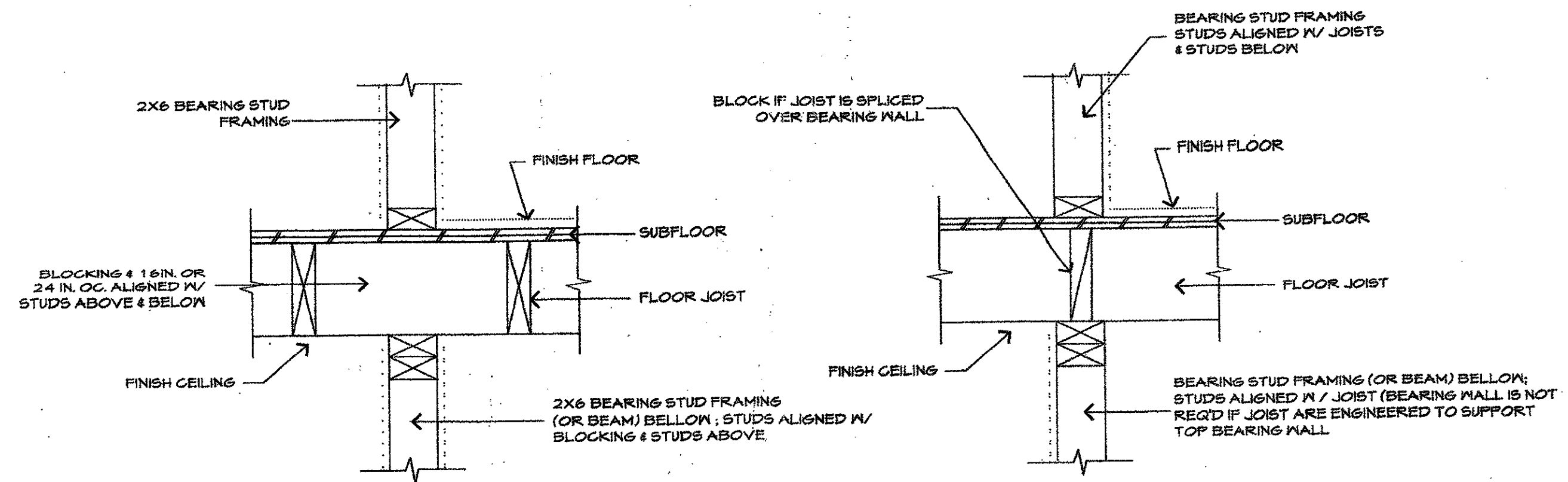
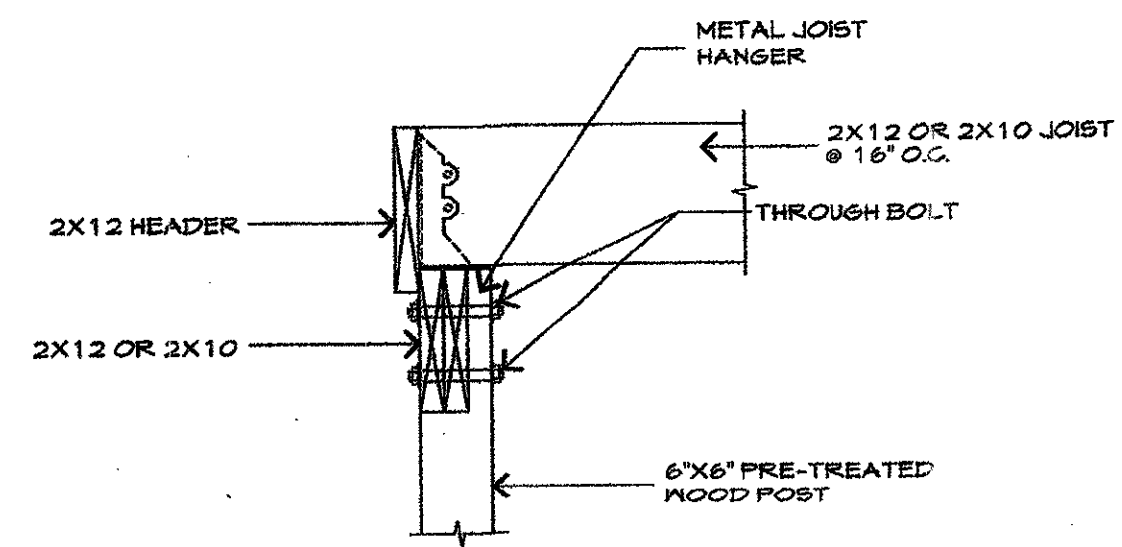
- ELECTRICAL LEGEND**
- ELECTRICAL PANEL
  - ⊠ SINGLE POLE SWITCH
  - ⊠ DM DIMMER SWITCH
  - ⊠ 3 THREE-WAY SWITCH
  - LIGHT ABOVE VANITY/PORCH LIGHT/SCUNC
  - WALL/CEILING MOUNTED OR RECESSED INCANDESCENT LIGHT FIXTURE
  - PULL CHAIN LIGHT
  - POWER FIXTURE IN CEILING
  - GROUND FAULT OUTLET
  - CEILING FAN
  - DUPLEX OUTLET
  - DEDICATED OUTLET
  - QUAD OUTLET
  - JUNCTION BOX
  - HARD WIRED SMOKE DETECTOR AND INTERCONNECTED
  - BRANCH CIRCUIT WIRING CONCEALED IN WALLS AND/OR CEILING
  - EMERGENCY LIGHTING/EXIT
- ALL SMOKE DETECTORS SHALL BE HARDWIRED, INTERCONNECTED, AND BATTERY BACKUP.



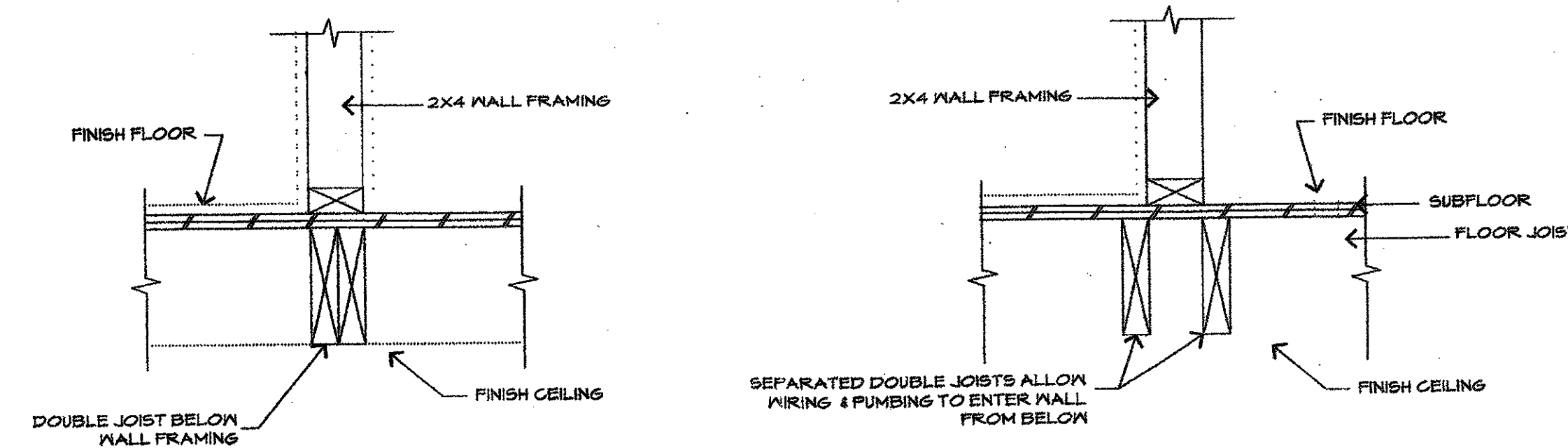
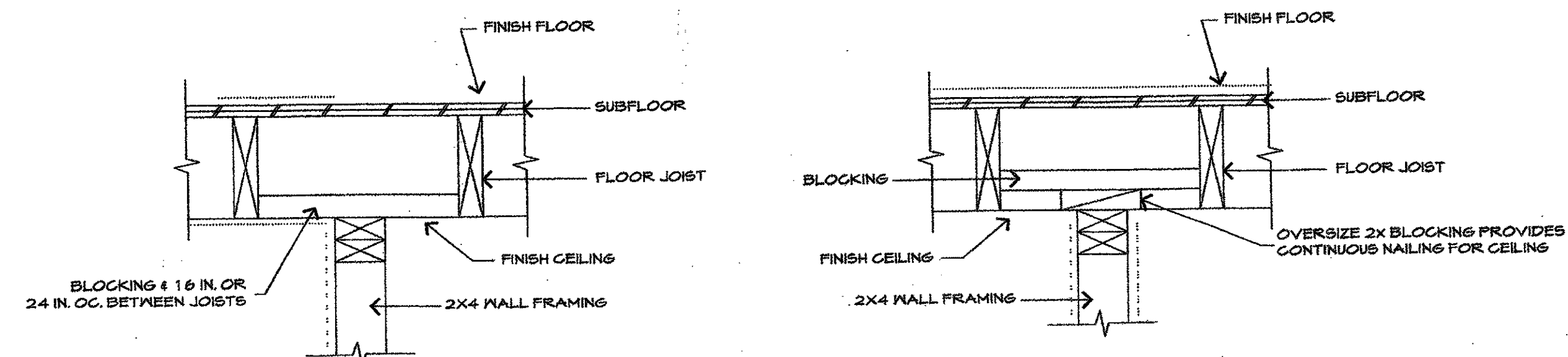
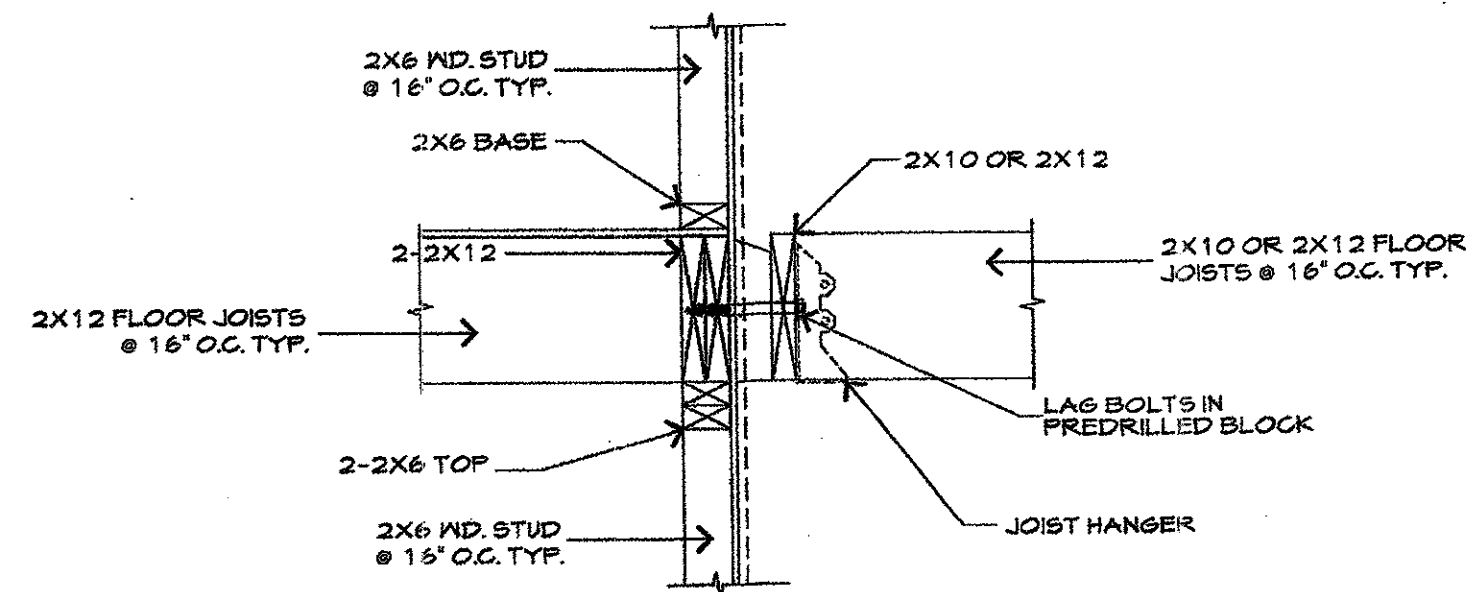
POWER RISER DIAGRAM  
N.T.S.

NOTE: PROVIDE AFCI PROTECTION IN ALL BEDROOM OUTLETS AND RECEPTACLES AS PER NEC 2011 EDITION ART. 210.12 B AND IRC 2012 E3802.12.

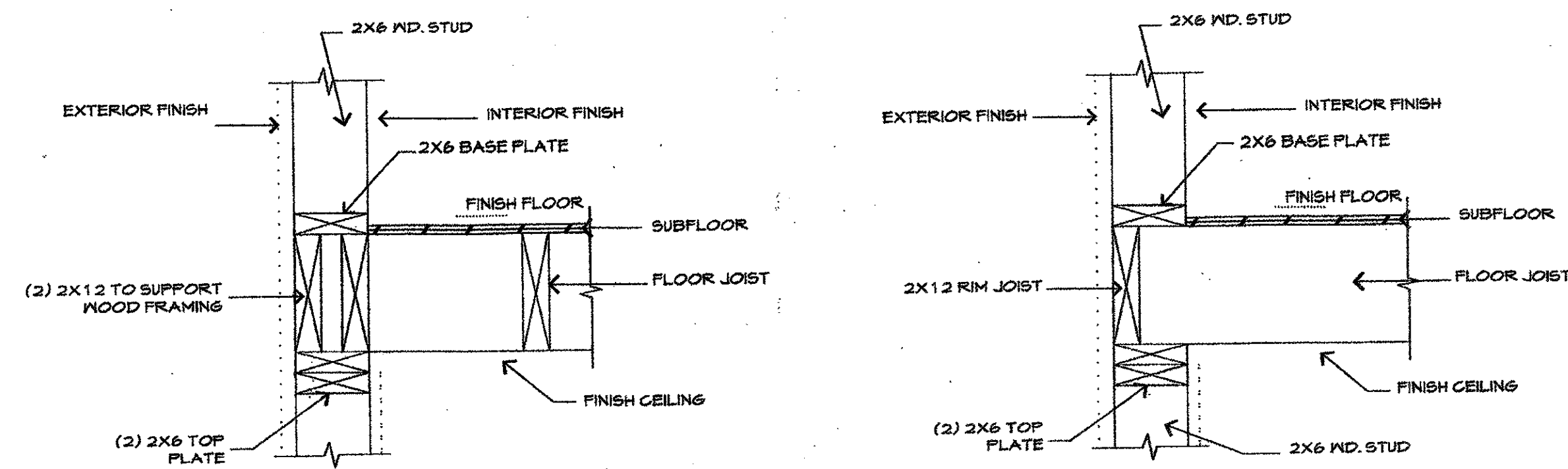




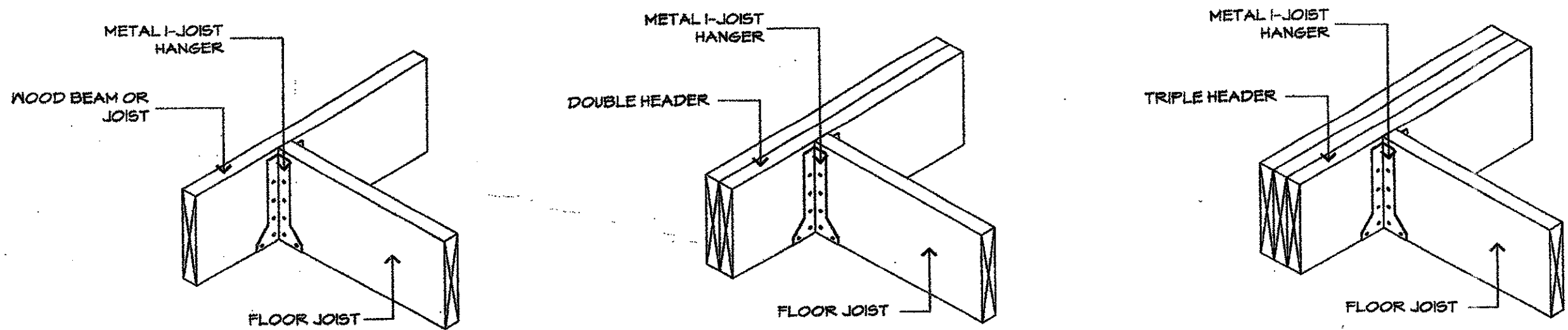
**JOISTS & BEARING FRAMING**



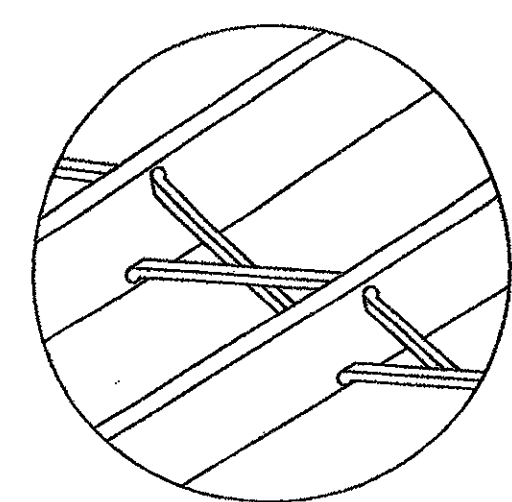
**JOISTS & STUD FRAMING (INTERIOR)**



**JOISTS-STUD FRAMING (EXTERIOR)**

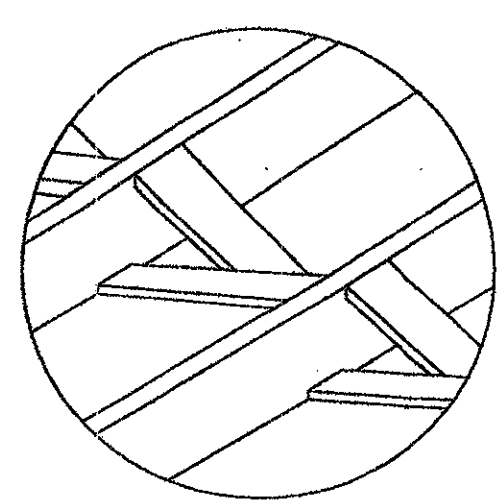


**FLOOR JOIST CONNECTIONS**  
NOT TO SCALE



**METAL BRIDGING**

METAL PIECES SHOULD NOT TOUCH EACH OTHER.

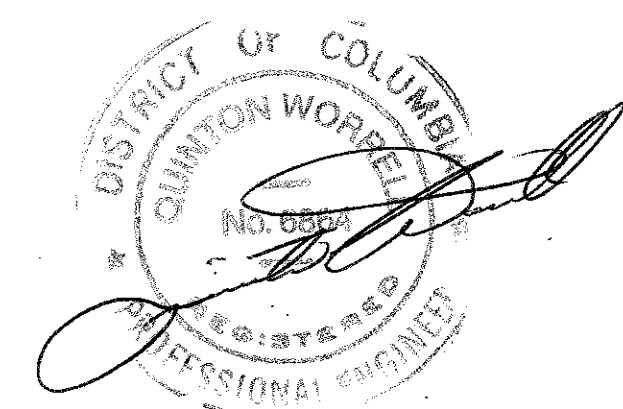


**CROSS BRIDGING**

5/4x8 OR 5/4x4 OR 2x2 OR 1x4 BOARDS ARE NAILED IN A CROSS PATTERN BETWEEN JOISTS, PIECES SHOULD NOT TOUCH EACH OTHER.

**FLOOR JOIST BRIDGING**  
NOT TO SCALE

**WALL-FLOOR DETAIL**  
NOT TO SCALE

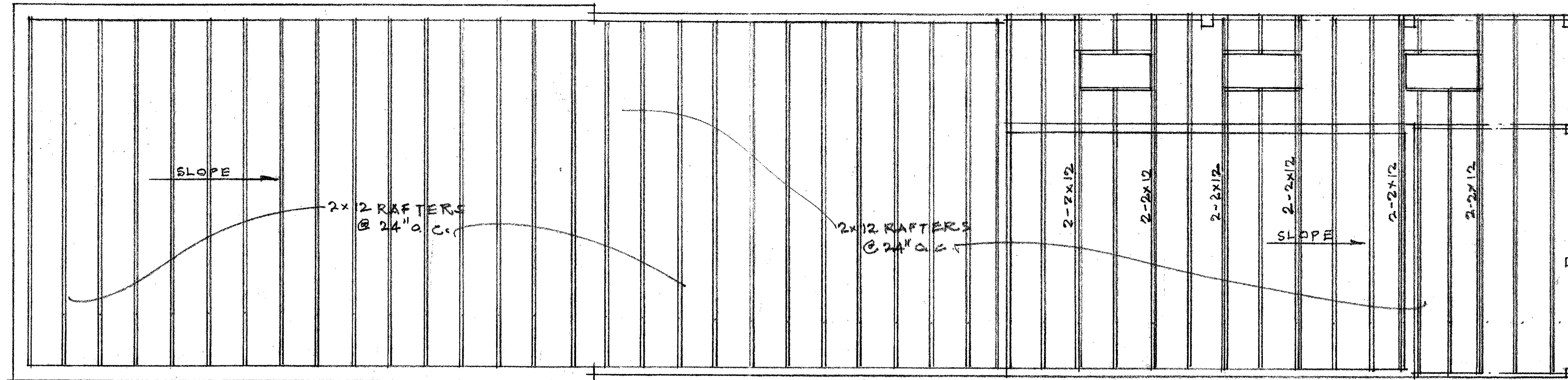


**A9**

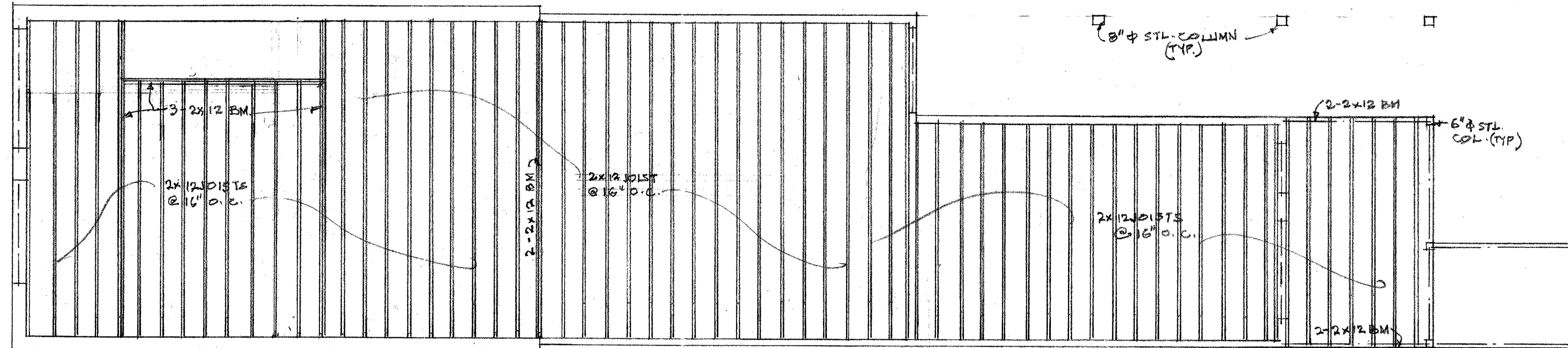
**HOUSE RENOVATION AND ADDITION**  
1117 ALLISON STREET N.W.





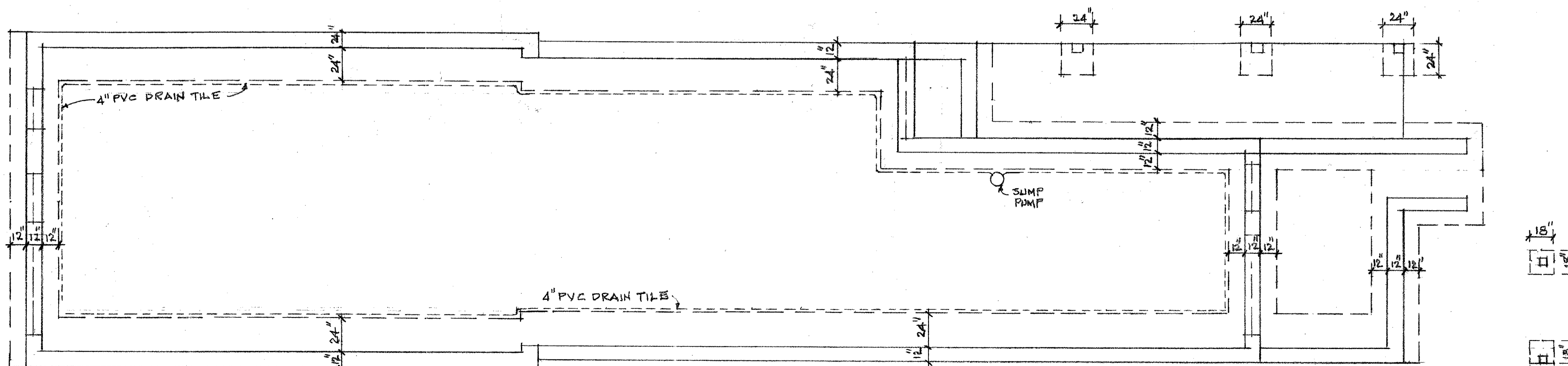


**ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

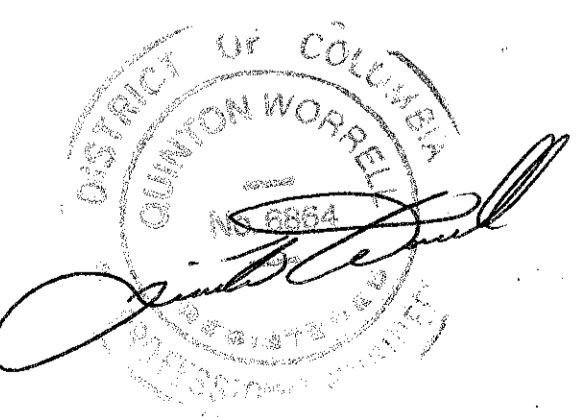


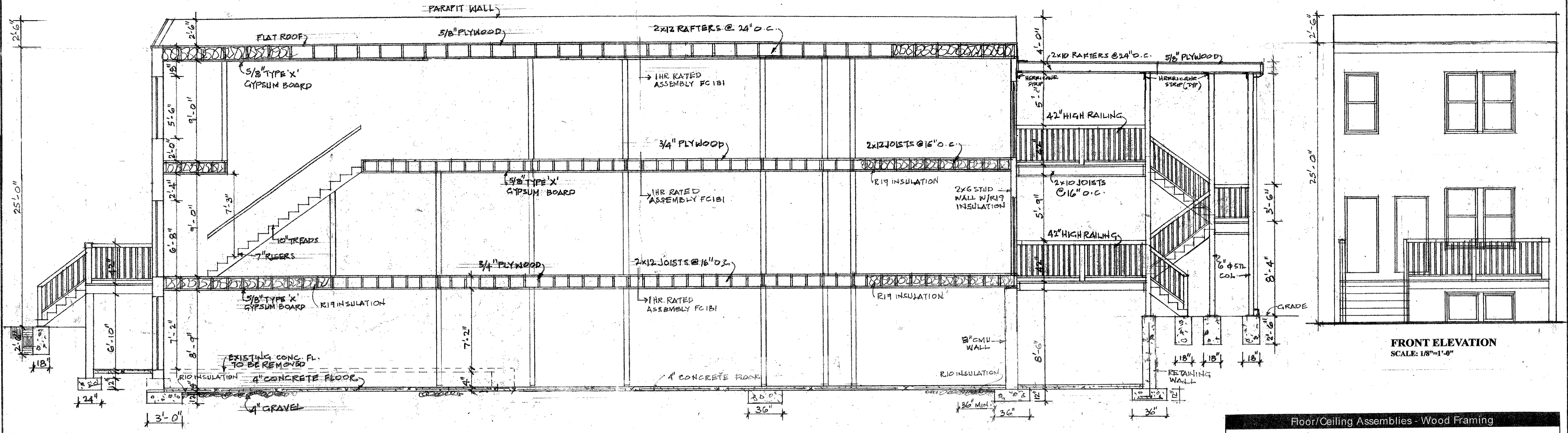
**2<sup>ND</sup> FL. FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

NOTE:  
FIRST FLOOR FRAMING MEMBERS  
SAME AS 2<sup>ND</sup> FL.



**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"





**FRONT ELEVATION**  
SCALE: 1/8"=1'-0"

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

**Floor/Ceiling Assemblies - Wood Framing**

1 Hour	Design# FM FC-181	GA#FC#	STC - 50-54	IIC - 73
			FC 5120	Sound Test # G&H HOC 2M1

1/2" (12.7 mm) Fire-Shield C Gypsum Board applied at right angles to resilient furring channels 24" o.c. with 1" type S drywall screws 8" o.c. at ends and 12" o.c. at intermediate furring channels. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channels 84" inches long with screws 8" o.c. Resilient furring channels applied at right angles to 2x10 wood joists 16" o.c. with 6d coated nails, 1-7/8" long, .085" shank, 1/4" heads per joint. Wood joists supporting 5/8" plywood with exterior glue sub-floor and 3/8" particle board, 3-1/2" fiberglass insulation (FC) in joist cavities supported alternately every 12" by wire rods and resilient furring channels. Sound and IIC tested with Carpet and pad.

[Link to PDF file](#)  
[Link to DWG file](#)  
[Link to DWG/Text file](#)

**Design No. U305**  
June 27, 2014  
Bearing Wall Rating - 1 Hr  
Finish Rating - See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3I, 3J and 3L  
STC Rating - 56 (See Item 9)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUY or BXUVZ.

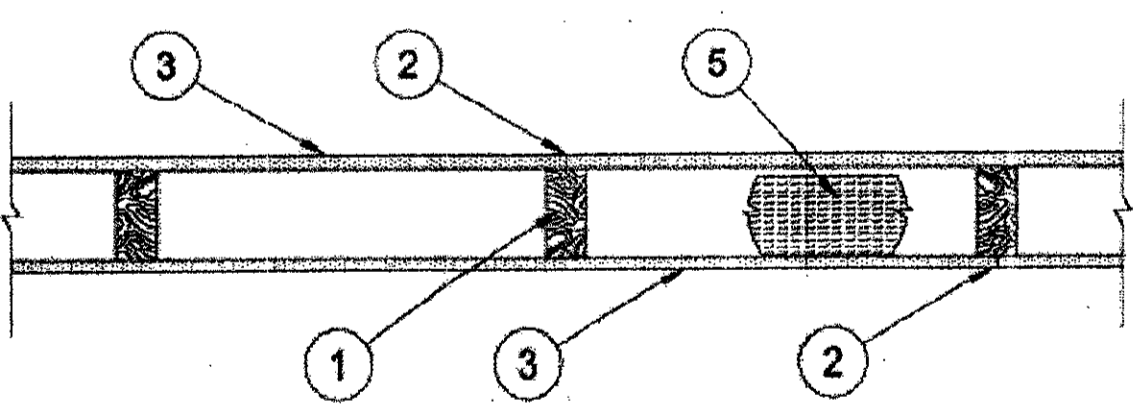
\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

7/8" Type 5 screws are attached to all existing horizontal and vertical framing members at the boundaries of the area to be protected. The "P" members are attached to the existing framing members also anchored framing spaced at a maximum of 24" on center and having an unspaced design load of 700 psf in either wall or ceiling. 1/2" C-H studs of fire-rated grade are attached to the "P" members at 24" on center by means of no Type 5 S-12 self-drilling screws at 24" inches on center. No USG C-H studs are attached to the "P" members as previously noted. One-half inch GIBSTROCK brand Gyproc Line Panels, 1/2" thick, is installed on the interior face of the members within a zone of the C-H studs. No screw attachments are required. From the Gyproc Line Panel, install the "P" members against the existing horizontal and vertical framing. 1 1/2" Type 5 screws are attached at a maximum of 12 inches on center.

Gypsum panels are attached to the exterior surface of the using in the manner required for the fire-resistive rating as follows:

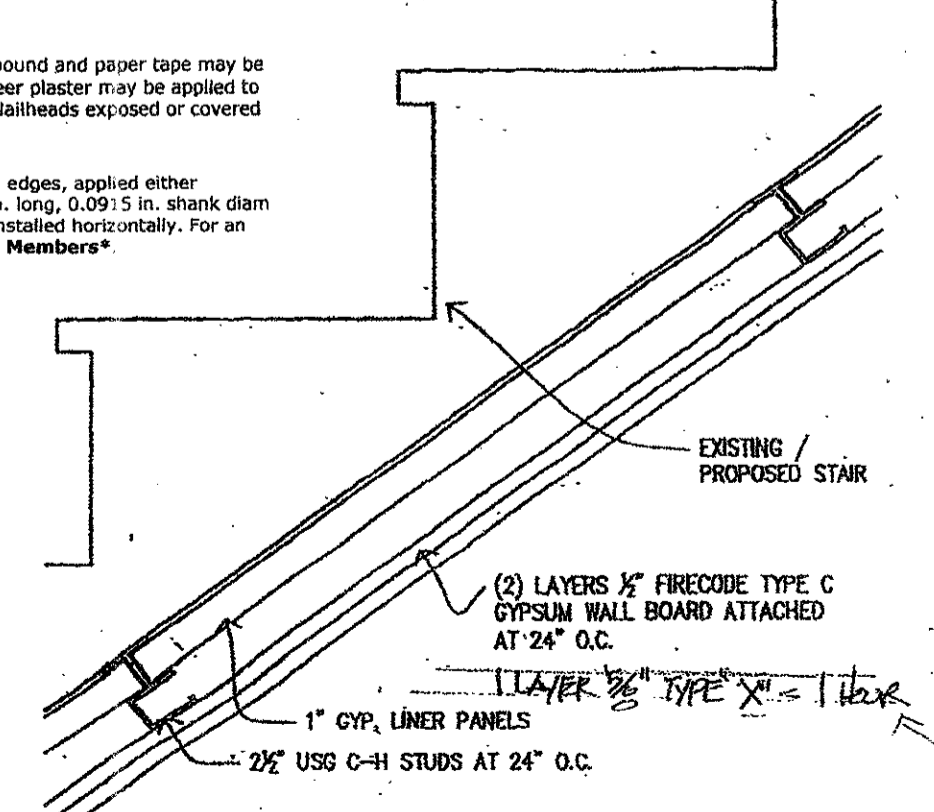
One-hour construction consists of one layer of 5/8" GIBSTROCK brand Gyproc Type C gypsum panels applied parallel to the C-H studs, with vertical joints on studs. The panels are fastened to each C-H stud and 1/2" members with 1 1/2" Type 5 screws at 12" on center in the field and at joint locations. Joints and screw heads on the exterior face shall be finished with GIBSTROCK Joint Tape and GIBSTROCK Joint Compound.

The two-hour construction consists of a base layer of 1/2" GIBSTROCK brand Gyproc Type C panels applied parallel to the C-H studs and attached to the 1 1/2" Type 5 screws at 24" on center in the field and at edges. The top layer of 1/2" GIBSTROCK brand Gyproc Type C panels are applied parallel or vertical to the C-H studs, with joints staggered 24" from a base layer. 1 1/2" Type 5 screws at 12" on center in the field and at joint locations. Joints and screw heads on the exterior face shall be finished with GIBSTROCK Joint Tape and GIBSTROCK Joint Compound.

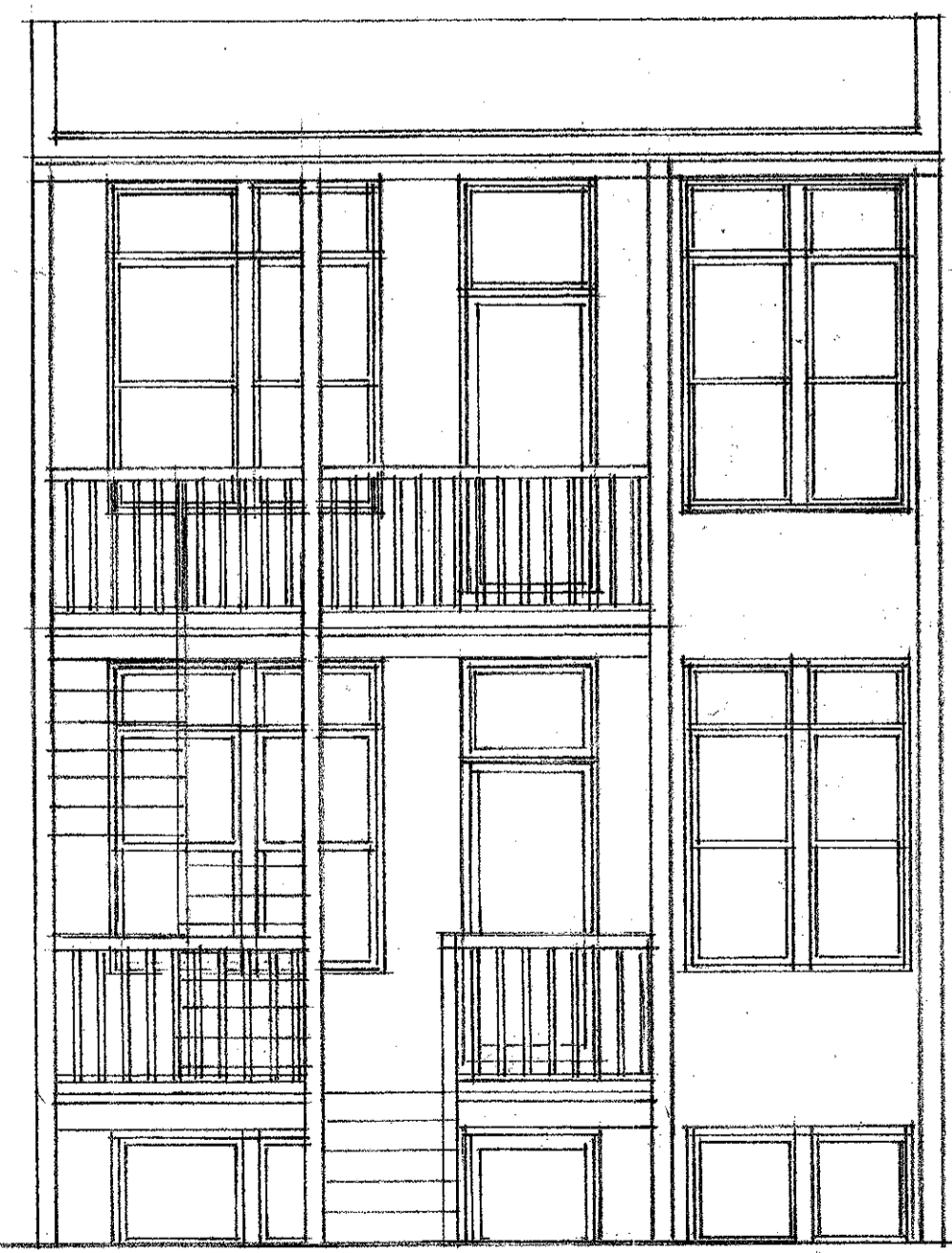


1. Wood Studs - Nom 2 by 4 in. spaced 16 in. OC max. effectively firestopped.
2. Joints and Nail-Heads - Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.
3. Gypsum Board - 1/2 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.091 5 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Item 6, 6A or 6B, Steel Framing Members.

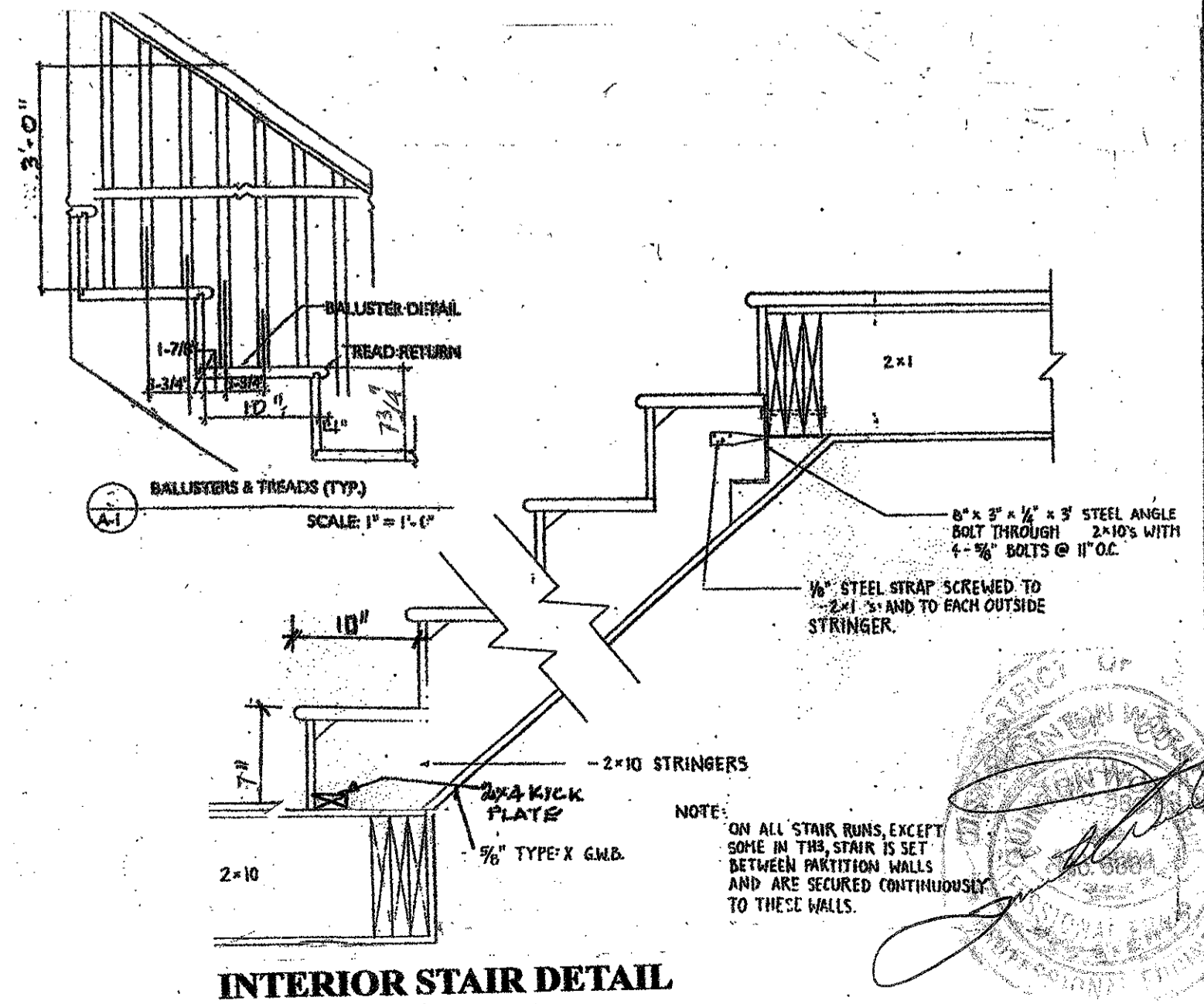
**RATED SLOPED CEILING-BOCA NER-258**



**RATED SLOPED CEILING - 2 HR. / 1 HR.**  
REPORT NO. NER-258  
1'-0"

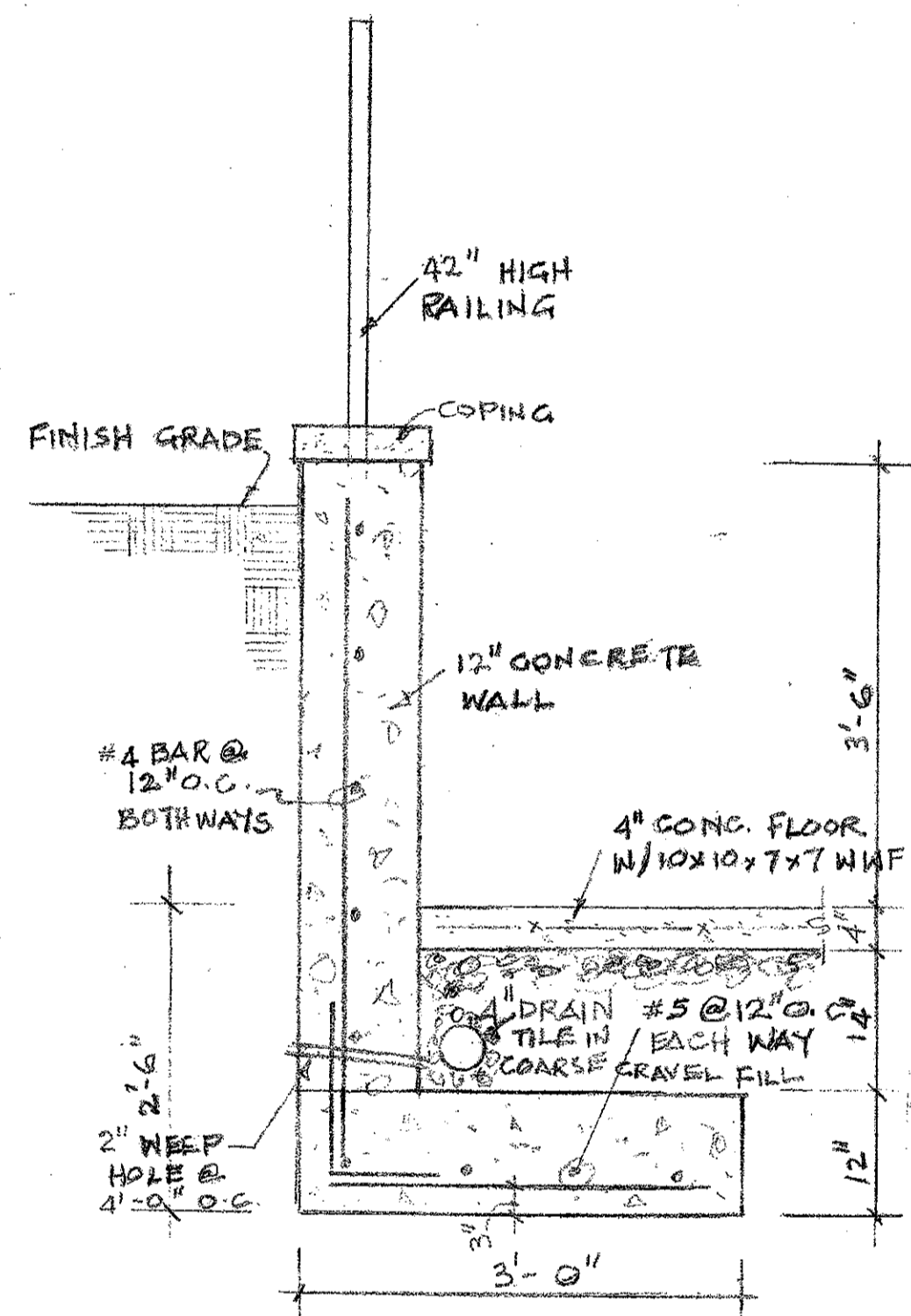


**REAR ELEVATION**  
SCALE: 1/4"=1'-0"

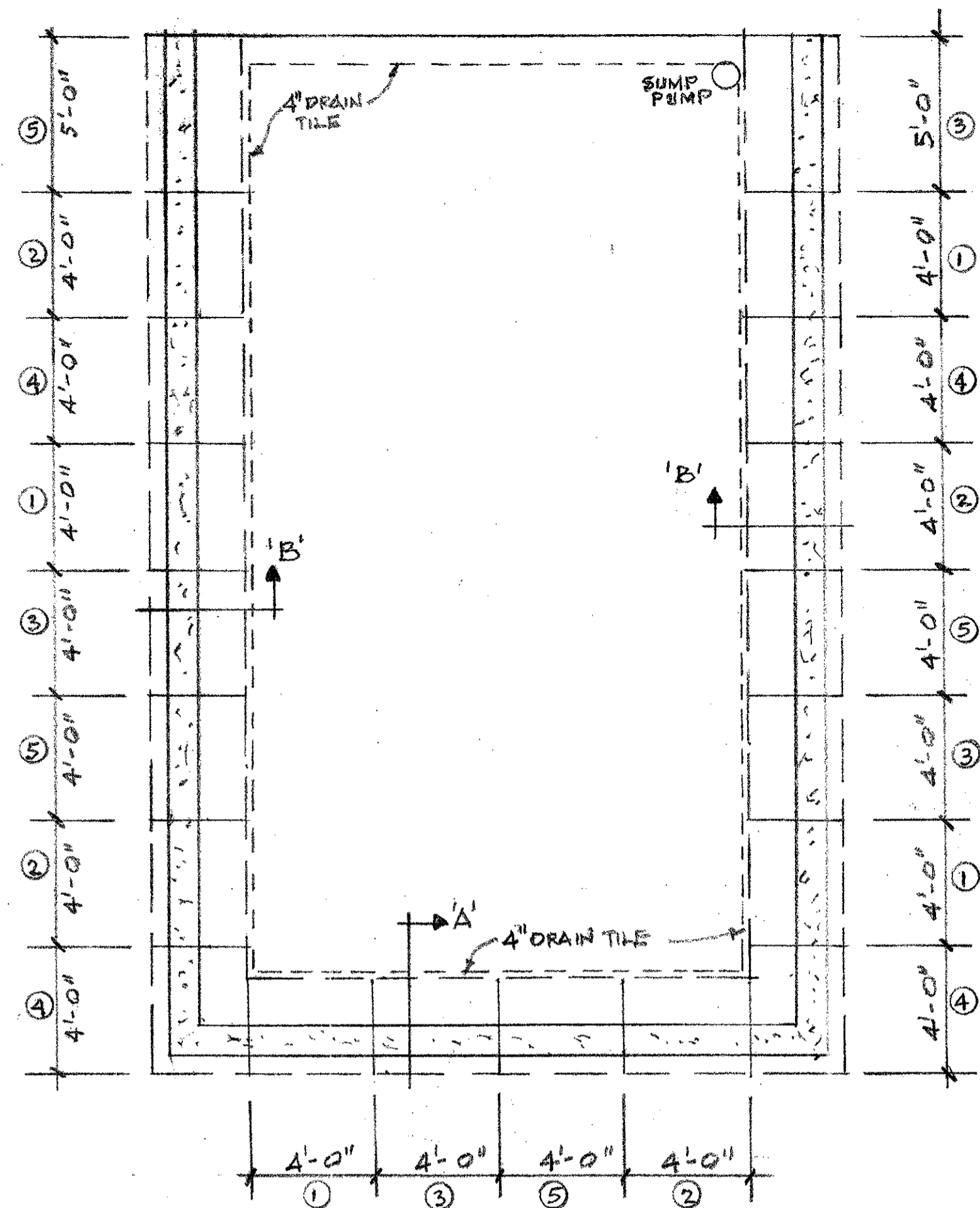


**INTERIOR STAIR DETAIL**

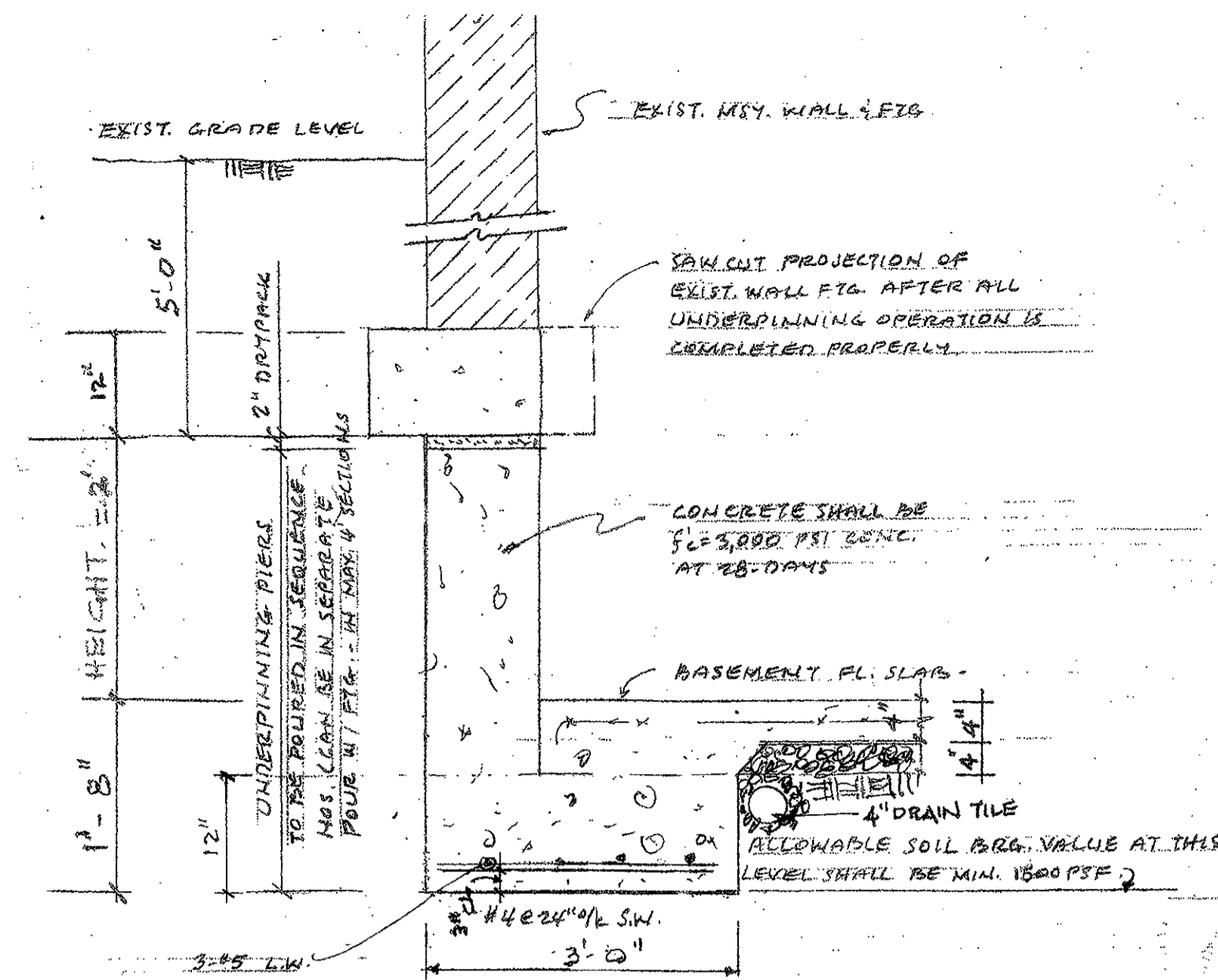
NOTE: ON ALL STAIR RUNS EXCEPT SOME IN THIS STAIR IS SET BETWEEN PARTITION WALLS AND ARE SECURED CONTINUOUSLY TO THESE WALLS.



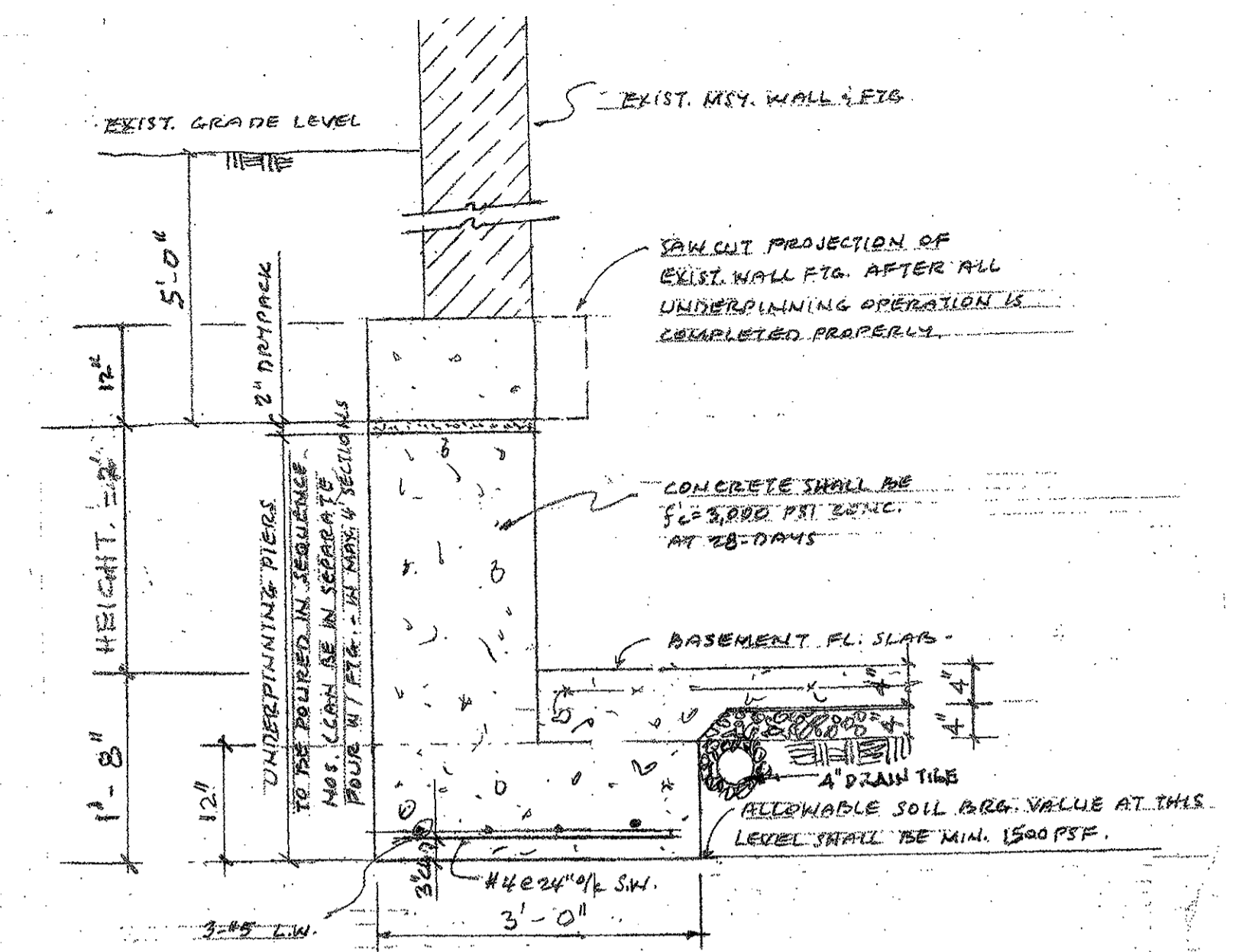
**RETAINING WALL DETAIL**  
SCALE: 3/8" = 1'-0"



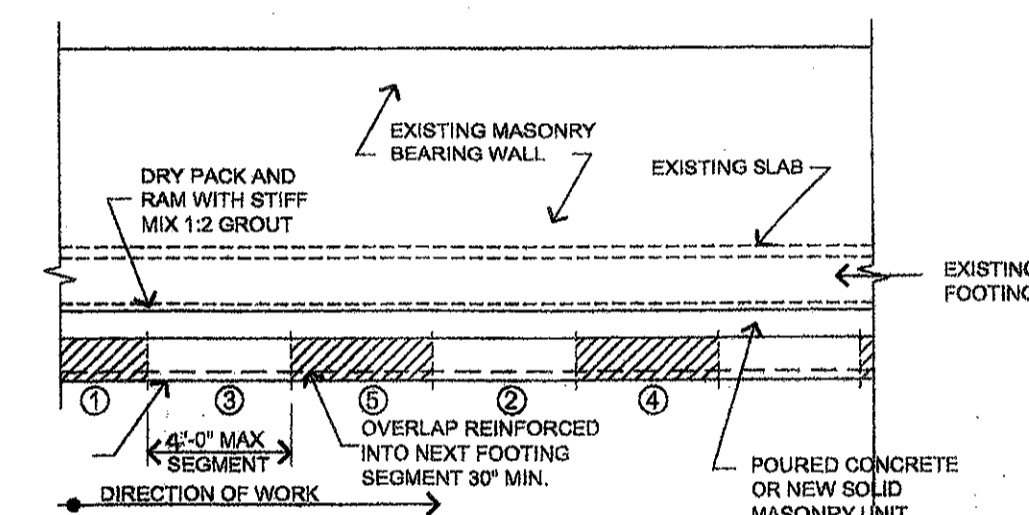
**BSMT. UNDERPINNING PLAN**  
SCALE: 1/4" = 1'-0"



**WALL UNDERPINNING DETAIL B'**  
SCALE: 3/4" = 1'-0"



**WALL UNDERPINNING DETAIL A'**  
SCALE: 3/4" = 1'-0"

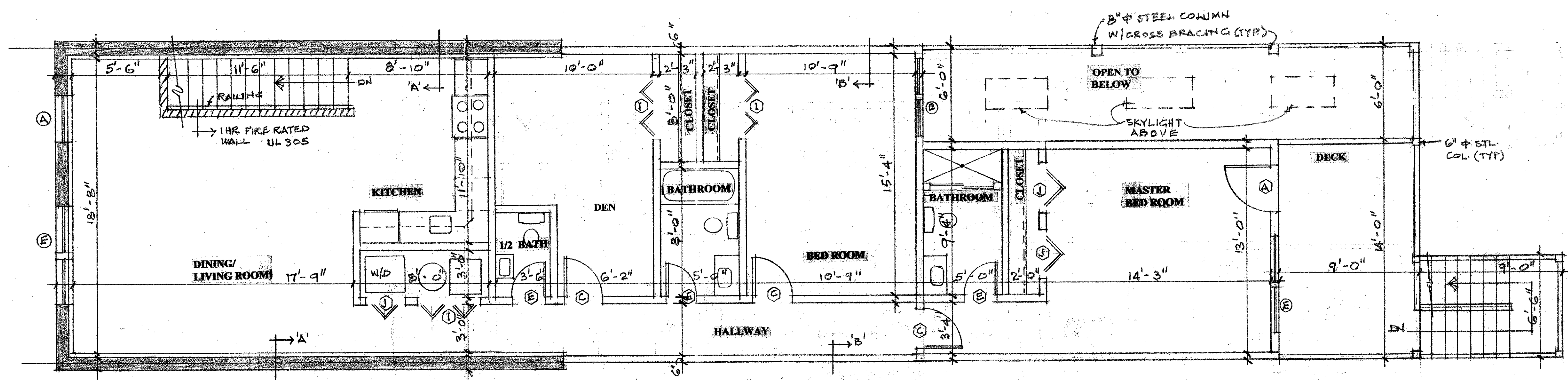


**UNDERPINNED WALL DETAIL (TYP)**

Underpinning work shall be performed by a specialty contractor licensed, bonded and insured in Washington, DC and having a minimum of 5 years of continuous experience in this type of work and under similar conditions.

**SHORING AND BRACING:** Shore/brace/support temporarily floor framing (joists, beams etc.) resting on the walls to be removed. The ground supporting the shores shall be made level and compacted to guard against settlements. Fasten and brace all shores securely for lateral stability. Check and ensure that all clamps, screws, pins and other components are properly engaged and the shores are tight against floor joists and the concrete slabs and ground. Shoring/bracing shall not be subjected to eccentric and impact, shock and dynamic loads. Shores shall not be supported on sloping surfaces. Shores base plates shall be supported using skills, beams and cribbing in a way to ensure uniform distribution of shore loads.

DISTRICT OF COLUMBIA  
COUNTY OF WASHINGTON  
NOTARY PUBLIC  
*[Signature]*

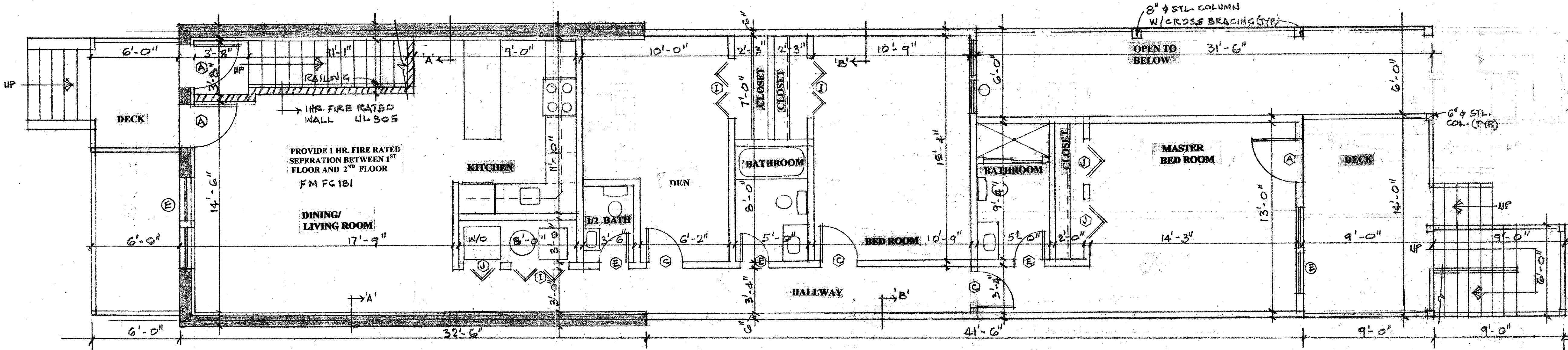
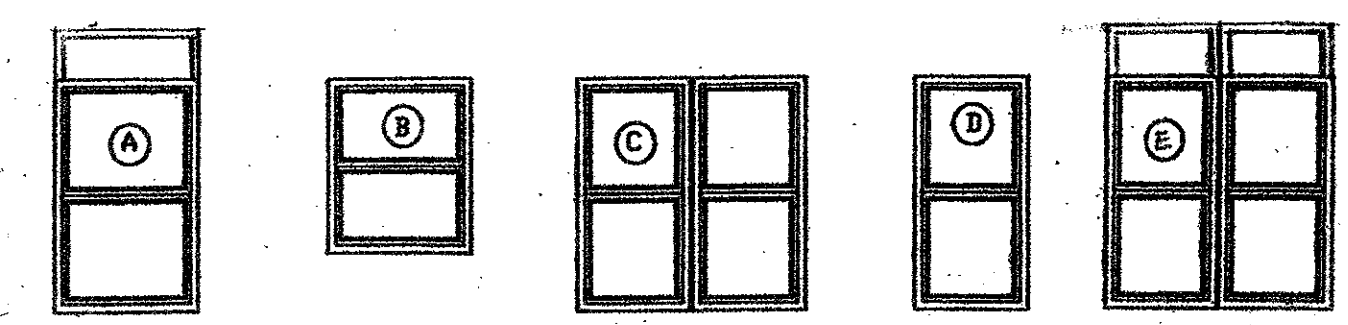


**PROPOSED SECOND FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE							
SYM. BOL.	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	QUANTITY	REMARKS
A	3'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	1	1 HR. FIRE RATED DOOR
B	2'-8"	6'-8"	1 3/8"	WOOD	SOLID CORE	1	
C	2'-6"	6'-8"	1 3/8"	WOOD	SOLID CORE	1	
D	2'-4"	6'-8"	1 3/8"	WOOD	SOLID CORE	1	
E	2'-8"	6'-8"	1 3/8"	WOOD	SOLID CORE	1	
F	4'-0"	6'-8"	1 3/8"	WOOD	FRENCH	1	
G	6'-0"	6'-8"	1 3/8"	WOOD	FRENCH	1	
H	5'-0"	6'-8"	1 3/8"	WOOD	BIFOLD	1	
I	4'-0"	6'-8"	1 3/8"	WOOD	BIFOLD	1	
J	3'-0"	6'-8"	1 3/8"	WOOD	BIFOLD	1	
K	3'-0"	6'-8"	1 3/8"	METAL	PATIO	1	

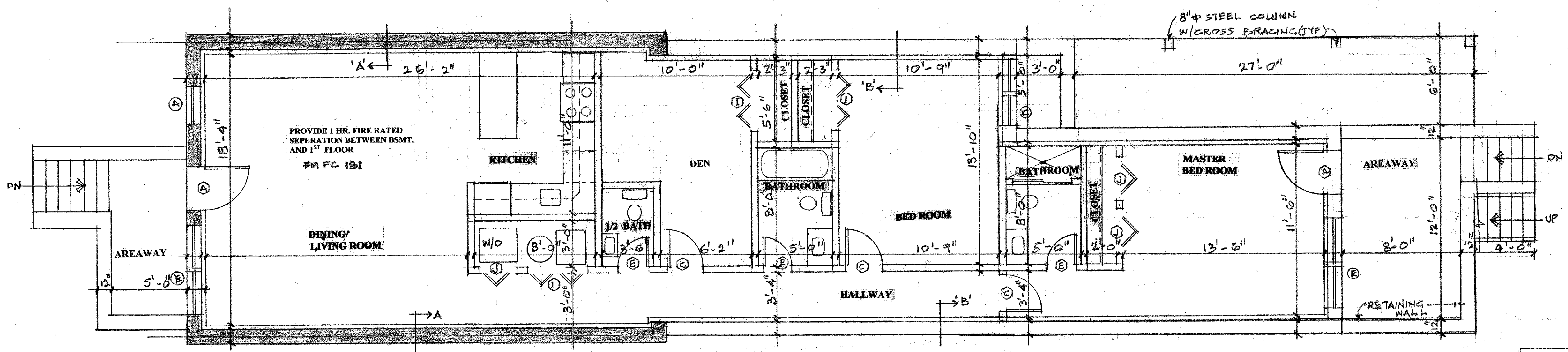
WINDOW SCHEDULE					
NUMBER	SIZE	TYPE	MATERIAL	GLAZING	REMARKS
(A)	3'-0" x 7'-0" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(B)	2'-6" x 3'-4" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(C)	6'-0" x 5'-6" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(D)	2'-6" x 5'-6" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(E)	7'-8" x 7'-0" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(F)	2'-3" x 3'-4" (2)	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	

NOTES:  
1. ALL WINDOWS SHALL BE SUPPLIED WITH EXTERIOR FULL ALUMINUM SCREENS.  
2. SIZES SHALL BE VERIFIED AT THE SITE WITH FIELD MEASUREMENTS ONLY.



**PROPOSED FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

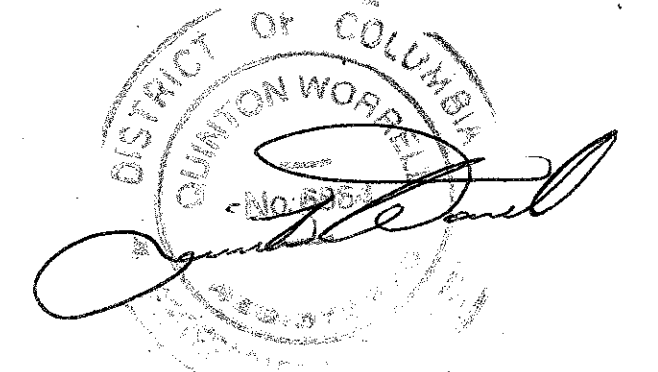
ROOM FINISH SCHEDULE						
ROOM/AREA	FLOOR	WALL	BASE	WAINSCOT	CEILING	REMARKS
FOYER	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	REFINISH & REPAIR EXISTING
LIVING ROOM	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	
DINING ROOM	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	
POWDER ROOM	CERAMIC TILE	GYP. BD.	CERAMIC COVED.	NONE	GYP. BD.	
HALLWAY	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	
STAIRS	DAK	GYP. BD.	5" WOOD	NONE	GYP. BD.	
KITCHEN	12" x 12" VINYL TILE	GYP. BD.	5" WOOD	NONE	GYP. BD.	
BEDROOM	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	
BEDROOM	HARDWOOD	GYP. BD.	5" WOOD	NONE	GYP. BD.	
BATHROOM	CERAMIC TILE	GYP. BD.	CERAMIC COVED.	CERAMIC TILE	GYP. BD.	
UTILITY ROOM	12" x 12" VINYL TILE	GYP. BD.	5" WOOD	NONE	GYP. BD.	



**PROPOSED BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

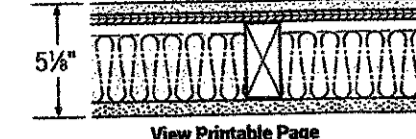
PARTITION LEGEND	
	WALL/ EXIST. PARTITION TO REMAIN
	EXIST. PARTITION TO BE REMOVED
	NEW PARTITION

**HOUSE RENOVATION AND ADDITION**  
1117 ALLISON STREET N.W. **A4**



- Cement Board - 1/2 in. cement board applied vertical or horizontal - DUROCK Brand Cement Board Next Gen
- Sheathing Materials - Min 15/32 in. thick, 4 ft wide, wood structural panels, min grade "sheathing" applied vertically
- Wood Studs - 2x4 wood studs spaced max 16 in. OC
- Batts and Blankets - 3 in. mineral wool batt insulation
- Gypsum Board - 5/8 in. thick gypsum board applied vertically or horizontally - SHEETROCK Brand UltraLight Firecode X Gypsum Panels

Visit U303

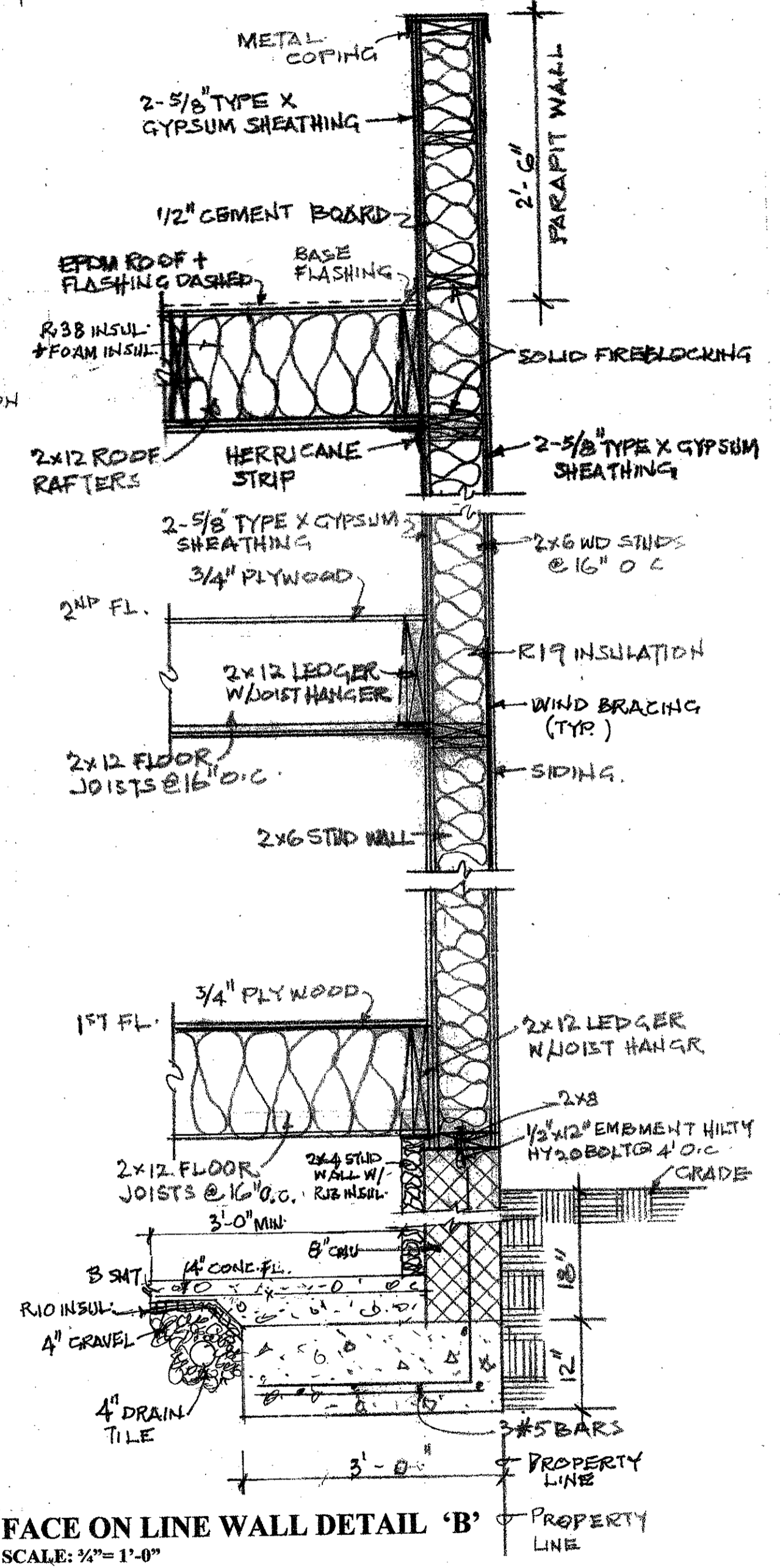
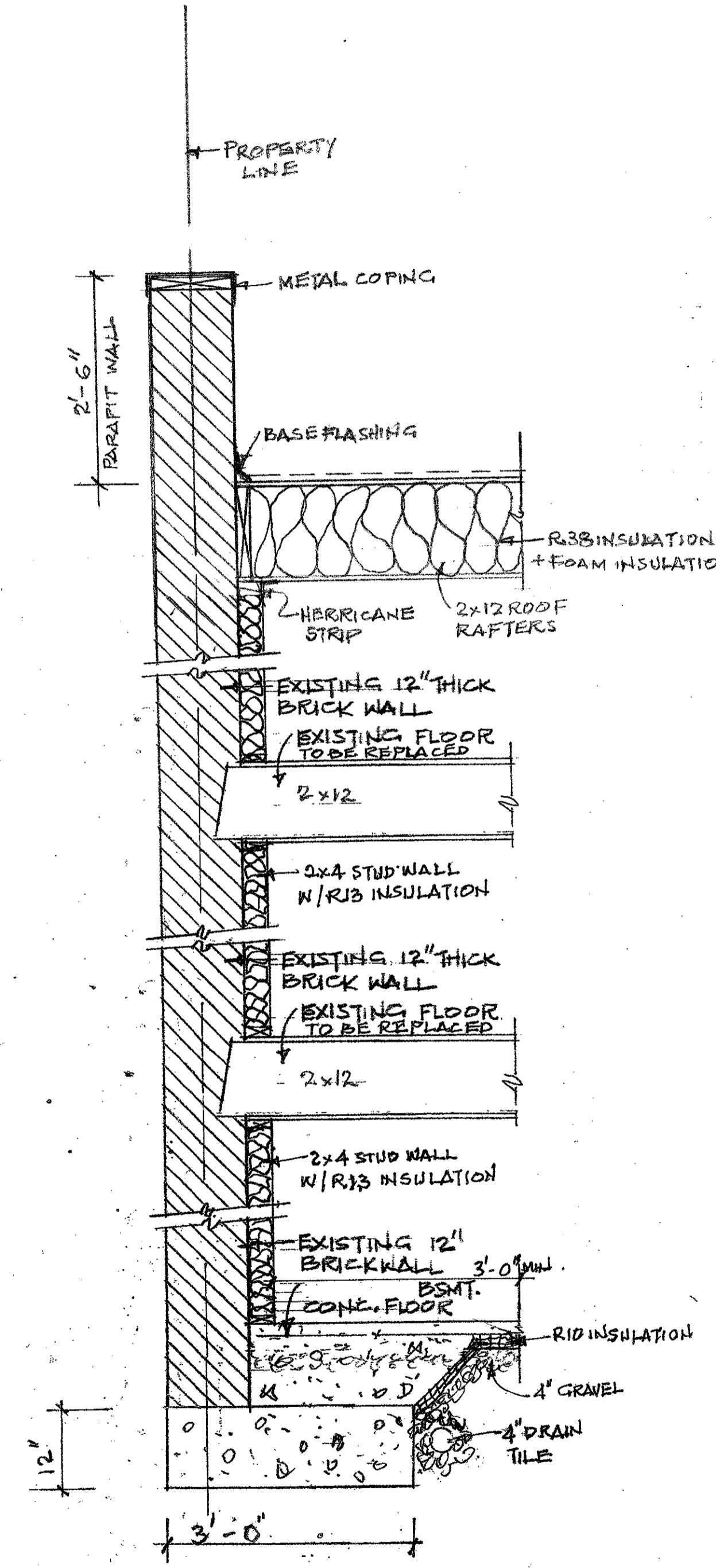
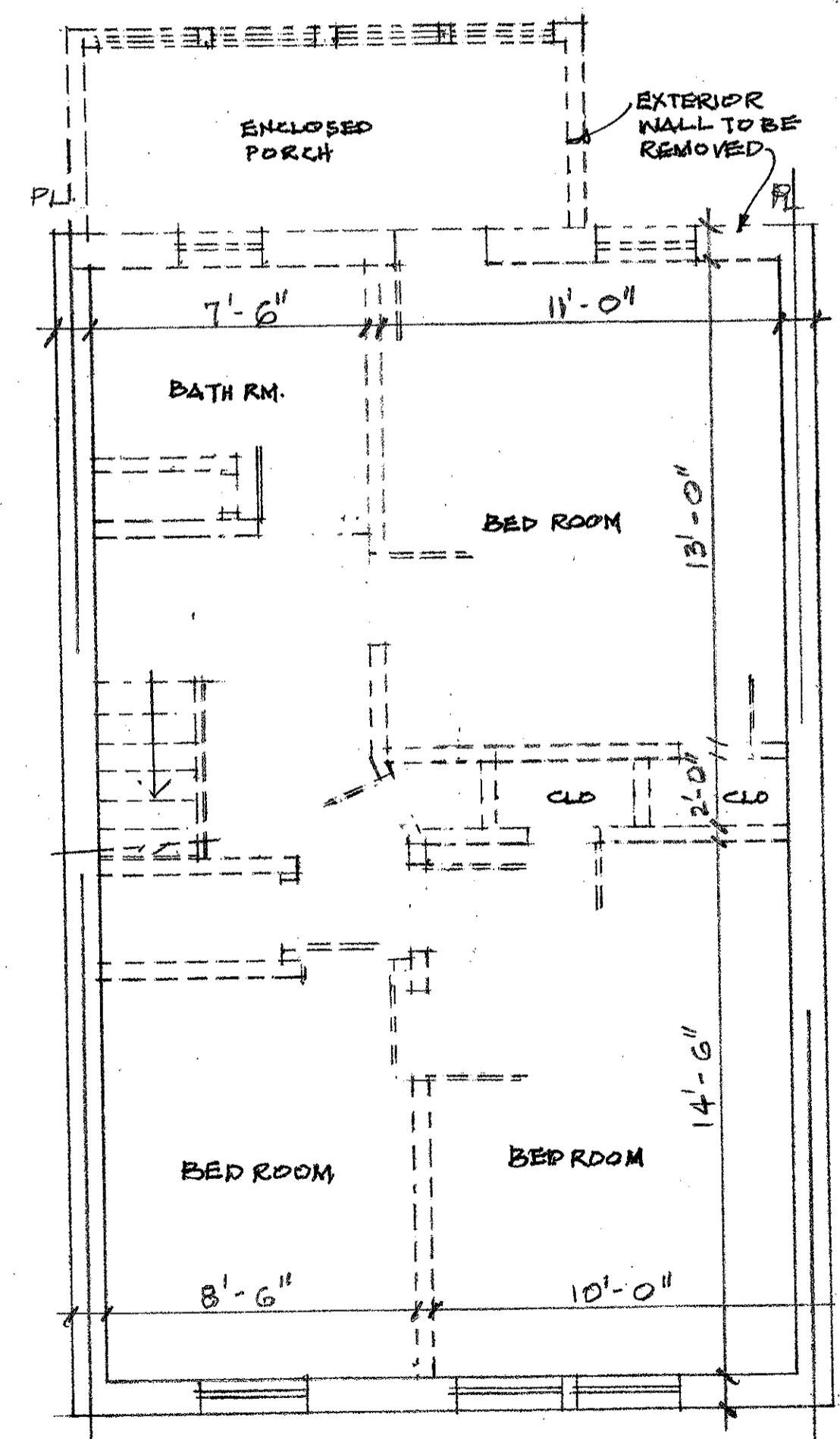
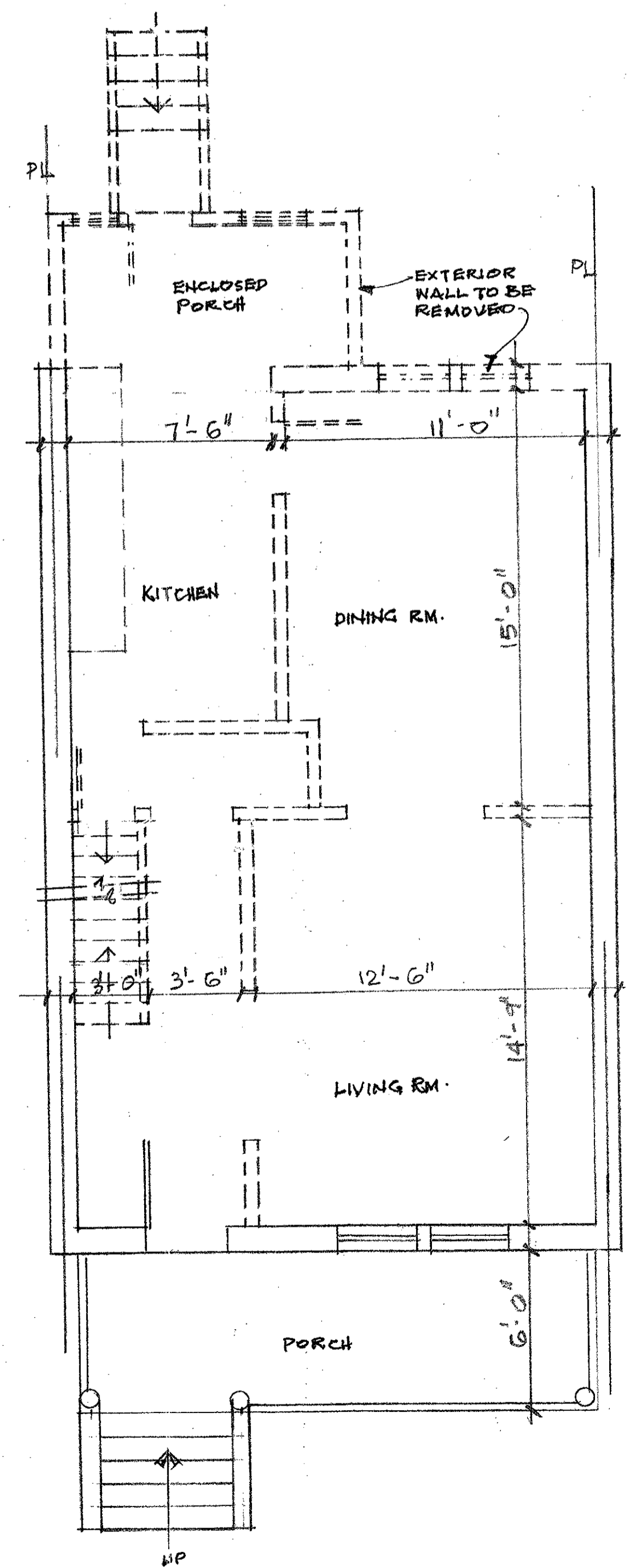
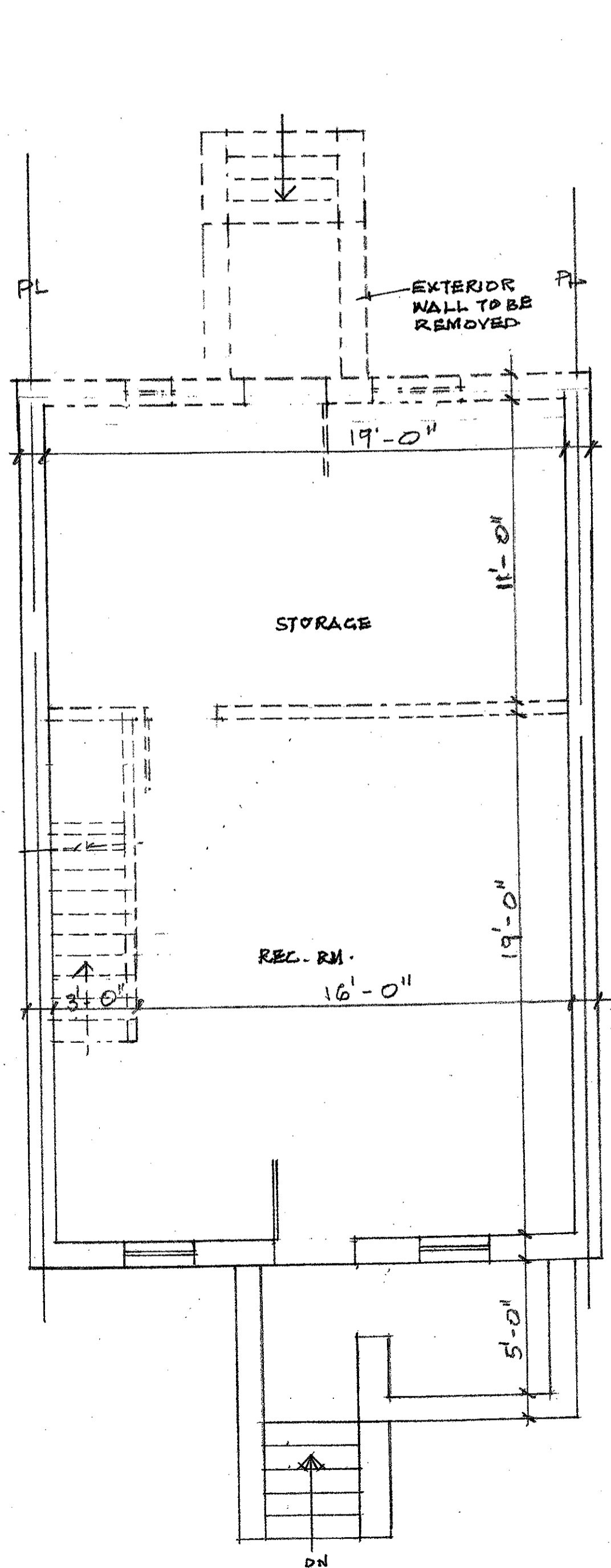


CAD - REVIT - VIEW ASSEMBLY

Fire Test	Fire Rating	STC	Thickness (in.)
UL U303 or GA-WP-8131	1 hr.	N/A	5-1/8"

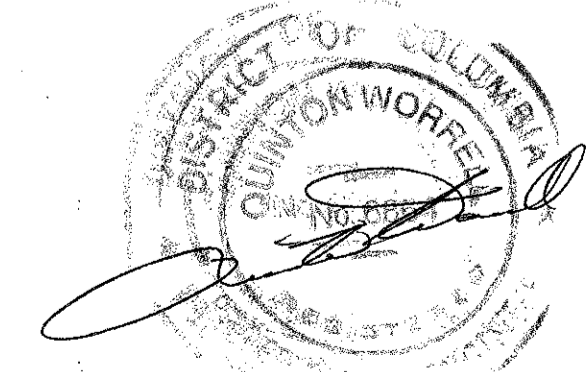
Wood Stud (Loadbearing)  
Exterior Walls

- Cement Board - 1/2 in. thick board, applied vertically or horizontally - DUROCK Brand Cement Board Next Gen
- Sheathing Materials - Min 15/32 in. thick, 4 ft wide, wood structural panels, min grade "sheathing" applied vertically
- Wood Studs - 2x4 wood studs spaced max 16 in. OC
- Batts and Blankets - 3 in. mineral wool batt insulation
- Gypsum Board - 5/8 in. thick gypsum board applied vertically or horizontally - SHEETROCK Brand UltraLight Firecode X Gypsum Panels



PARTITION LEGEND

---	EXIST. PARTITION TO REMAIN
---	EXIST. PARTITION TO BE REMOVED



HOUSE RENOVATION AND ADDITION  
1117 ALLISON STREET N.W.

A3



ABBREVIATIONS:

Table of abbreviations for architectural symbols, including A/C, AC, AD, AFF, AL, ALT, ALUM, AP, APPROX, ARCH, ASPH, AUTO, BO, BLDG, BLK, BLKG, BM, BSMT, CJ, CL, CLC, CLO, CLR, CM, CMU, CONC, CONST, CONT, CONTR, COORD, COR, CTR, CU, D, DET, DEMO, DIA, DIM, DIM, DISP, DN, DR, DS, DWG, E, EA, EIFS, EJ, EL, ELEC, ELEV, EQ, EQUIP, ETR, EXC, EXH, EXIST, EXP, EXT, FD, FE, FEX, FHC, FIN, FIX, FLR, FLEX, FLUOR, FT, GA, GAL, GC, GL, GRD, GYP, HD, H, HB, HD, HDW, HM, HORIZ, HP, HT, HWAC, INCL, INFO, INSUL, INT, JAN, JT, KO, L, LBL, LAW, LAY, LH, LT, LP, MAS, MAT, MAX, MECH, MEP, MFR, MIN, MISC, MO, MSP, MTD, MTL, N, NIC, NO, NOM, NRC, NTS.

MATERIALS:

Table of materials with corresponding symbols: CONCRETE, CONCRETE MASONRY UNIT, BRICK, WOOD FRAMING / ROUGH, WATERPROOF MEMBRANE / ROOFING MEMBRANE FLASHING, RIGID INSULATION, GYPSUM BOARD, PLYWOOD, FINISHED WOOD, ACoustical TILE, GLASS, SAND / MORTAR / PLASTER, STEEL / FERROUS METAL.

SYMBOLS:

Table of symbols for local labels, reference symbols, level targets, and schedule tags. Includes symbols for tenant, area, occupant label, room name, detail, building/wall section, exterior elevation, interior elevation, match line, level targets, spot elevation target, change in level, key note, partition tag, door tag, ceiling tag, window tag, fixture & appliance tag, finish tag, revision tag, column grid bubble, center line, and property line.

ZONING & BUILDING CODE DATA:

BUILDING DATA: PROJECT ADDRESS 1117 ALLISON STREET N.W.

SCOPE OF WORK: CONVERT SINGLE FAMILY DWELLING INTO THREE DWELLING UNITS. REMOVE INTERIOR PARTITIONS OF BASEMENT, FIRST AND SECOND FLOOR. ALSO REMOVE REAR EXTERIOR WALL. CONSTRUCT NEW EXTERIOR AND INTERIOR WALLS FROM BASEMENT TO SECOND FLOOR. INSTALL NEW ELECTRICAL, NEW PLUMBING AND NEW HVAC SYSTEMS.

- APPLICABLE CODES: 2003 DC ZONING REGULATIONS (DCMR 11), 2008 DC CONSTRUCTION CODES SUPPLEMENT (DCMR 12) WHICH AMENDS THE FOLLOWING: 2012 ICC INTERNATIONAL BUILDING CODE (DCMR 12A), 2011 NFPA NATIONAL ELECTRIC CODE (DCMR 12C), 2012 ICC INTERNATIONAL MECHANICAL CODE (DCMR 12E), 2012 ICC INTERNATIONAL PLUMBING CODE (DCMR 12F), 2012 ICC INTERNATIONAL FIRE CODE (DCMR 12H), 2012 ICC INTERNATIONAL ENERGY CONSERVATION CODE (DCMR 12I), 2012 ICC INTERNATIONAL EXISTING BUILDING CODE (DCMR 12J), ICC ANS I 117.1 - 2012

ZONING DATA:

Zoning data table including square no., lot no., zoning district (R-4), zoning overlay (none), historic area/site (none), site area (312.6 SF), building height (25'-0"), floor area ratio (N/A), lot occupancy (1935 SF), rear yard (18'-2" FT), side yard (N/A), off-street parking (1 PER EACH 2 UNITS = 2 MIN).

IBC CHAPTER 3 - USE & OCCUPANCY:

R-2 (RESIDENTIAL - PERMANENT 1/MORE THAN TWO DWELLING UNITS)

IBC CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS:

Table of building heights and areas for R-2 zoning. Includes height (8 stories), area (1463 SF per floor), and total construction area (1463 SF).

IBC CHAPTER 6 - TYPES OF CONSTRUCTION:

TYPE I

IBC CHAPTER 7 - FIRE-RESISTANCE-RATED CONSTRUCTION:

Table of fire-resistance-rated construction requirements for structural frame, bearing walls, nonbearing exterior walls, nonbearing interior walls, floor construction, roof construction, shaft enclosures, exit enclosures, and fire partitions.

IBC CHAPTER 7 - FIRE-RESISTANCE-RATED CONSTRUCTION (CONTINUED):

Table of fire-resistance-rated construction requirements for opening protectives, fire doors, and fire windows.

IBC CHAPTER 9 - FIRE PROTECTION SYSTEMS:

- 1. AUTOMATIC SPRINKLER SYSTEM (IBC SECTION 903.3.1.2) NFA 13R AUTOMATIC SPRINKLER SYSTEM PROVIDED
2. STANDPIPE SYSTEM (DCMR 12A SECTION 905.3.1 EXCEPTION #1) CLASS I STANDPIPE SYSTEM PROVIDED
3. FIRE ALARM & DETECTION SYSTEM (IBC SECTION 907.2.9) MANUAL FIRE ALARM SYSTEM PROVIDED
4. OTHER PROTECTION PROVISIONS: SMOKE DETECTORS PROVIDED

IBC CHAPTER 10 - MEANS OF EGRESS:

Table of means of egress requirements including occupant load (1463 SF), egress width (36" for stairs, 36" for doors, 42" for corridors), and minimum number of exits (2 for each unit).

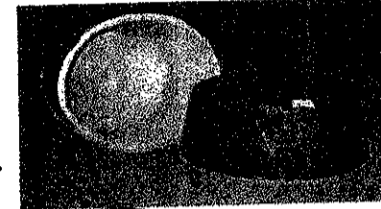
IBC CHAPTER 11 - ACCESSIBILITY:

SCOPING REQUIREMENTS: (IBC SECTION 1103) THIS PROJECT IS NOT ACCESSIBLE.

IBC CHAPTER 13 - ENERGY EFFICIENCY:

THE FOLLOWING PROVISIONS FOR THERMAL RESISTANCE MEET OR EXCEED THE REQUIREMENTS STIPULATED BY THE DISTRICT OF COLUMBIA RESIDENTIAL ENERGY CODE (DCMR 12):

- 1. THERMAL ENVELOPE INSULATION (DCMR 12I TABLE EC-402.1.1): GLAZING U=0.35, SKYLIGHTS U=0.60, ROOFS R=49, FRAME WALLS R=18, THERMAL MASS WALLS R=5 (CONTINUOUS), FLOORS OVER UNHEATED SPACE R=10 (FRAMING CAVITY), BASEMENT & CRAWL SPACE WALLS R=10 (CONTINUOUS), SLAB PERIMETER R=10 FOR DEPTH 2'-0"
2. AIR INFILTRATION (DCMR 12I SECTIONS EC-402.4.4 & EC-403.2.2): A. WINDOWS, SKYLIGHTS & SLIDING DOORS NOT TO EXCEED 0.3 CFM PER SQUARE FOOT OF FENESTRATION. B. SWINGING DOORS NOT TO EXCEED 0.5 CFM PER SQUARE FOOT OF DOOR AREA. PROVIDE 1" FIBERGLASS SILL SEALER BETWEEN FOUNDATION AND WALL AND SILL PLATES. C. FILL CONSTRUCTION (ELECTRICAL AND PLUMBING) HOLES, CRACKS, LOOSE JOINTS AND SPACES IN ROUGH FRAMING AND ROUGH MASONRY WITH APPROVED FOAM SEALER OR SIMILAR SEALANT.



FF109-300 Fire Rated Light Cover Inside height 8" diameter 13"

Suitable for regular lights up to 6" See more details for FF109-300

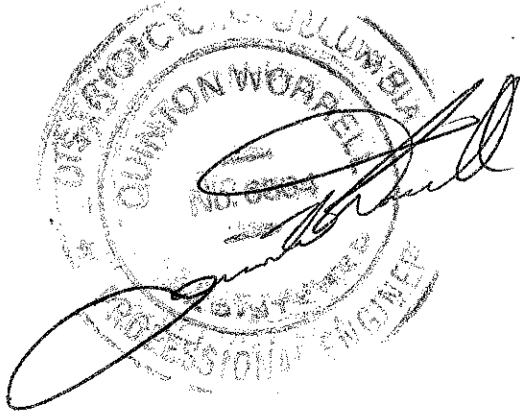


FF109-350 Fire Rated Light Cover Inside height 11" diameter 15"

Suitable for regular lights up to 8" See more details for FF109-350

LIST OF DRAWINGS

Table of drawing list with sheet no. and titles: A1 COVER SHEET, A2 STRUCTURAL NOTES, A3 EXISTING FLOOR PLANS / DEMOLITION PLANS, A4 PROPOSED FLOOR PLANS & NOTES, A5 FLOOR PLANS OF REAR PORCHES & DETAILS, A6 CROSS SECTION, FRONT & REAR ELEVATIONS, A7 FOUNDATION AND FRAMING PLANS, A8 WALL CONNECTIONS AND DETAILS, A9 WALL CONNECTIONS AND DETAILS, E1 ELECTRICAL PLANS AND NOTES, P1 PLUMBING PLANS AND DIAGRAMS, M1 MECHANICAL PLANS, M2 PLUMBING / MECHANICAL NOTES, C1 EROSION & SEDIMENT CONTROL PLAN, C2 EROSION & SEDIMENT CONTROL NOTES



HOUSE RENOVATION AND ADDITION 1117 ALLISON STREET N.W.

A1