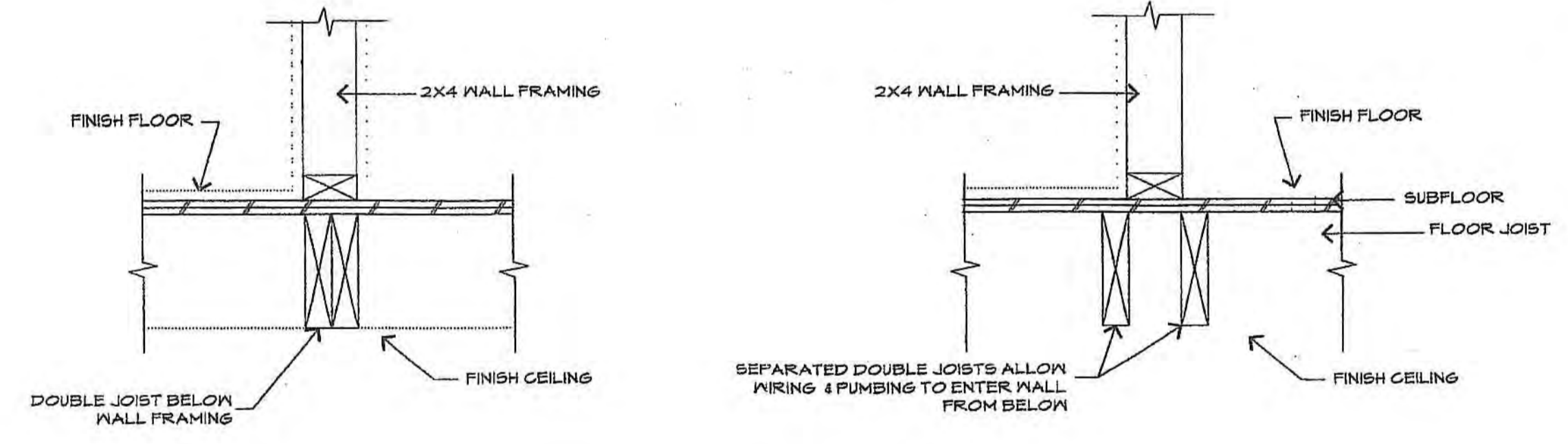
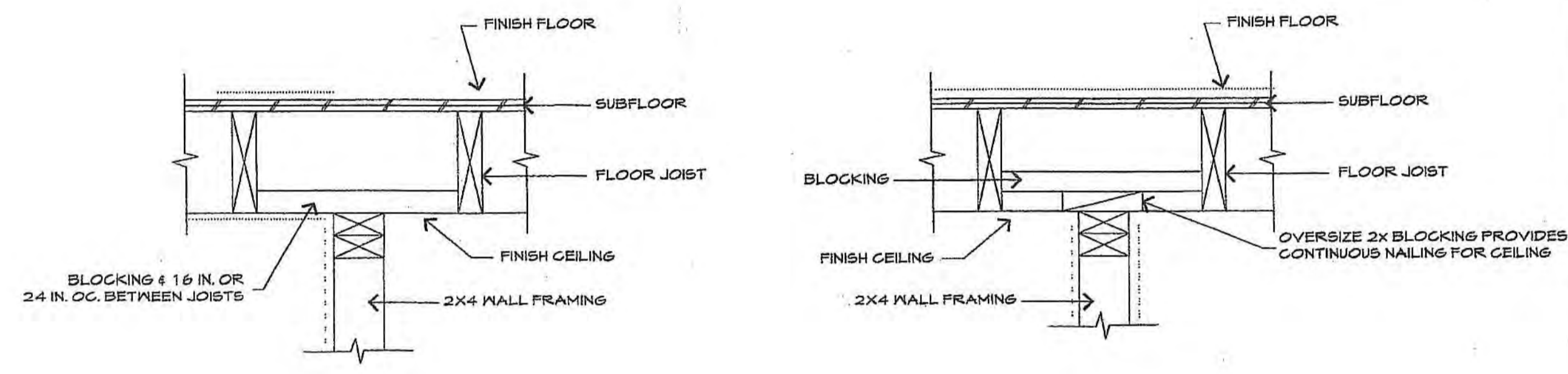
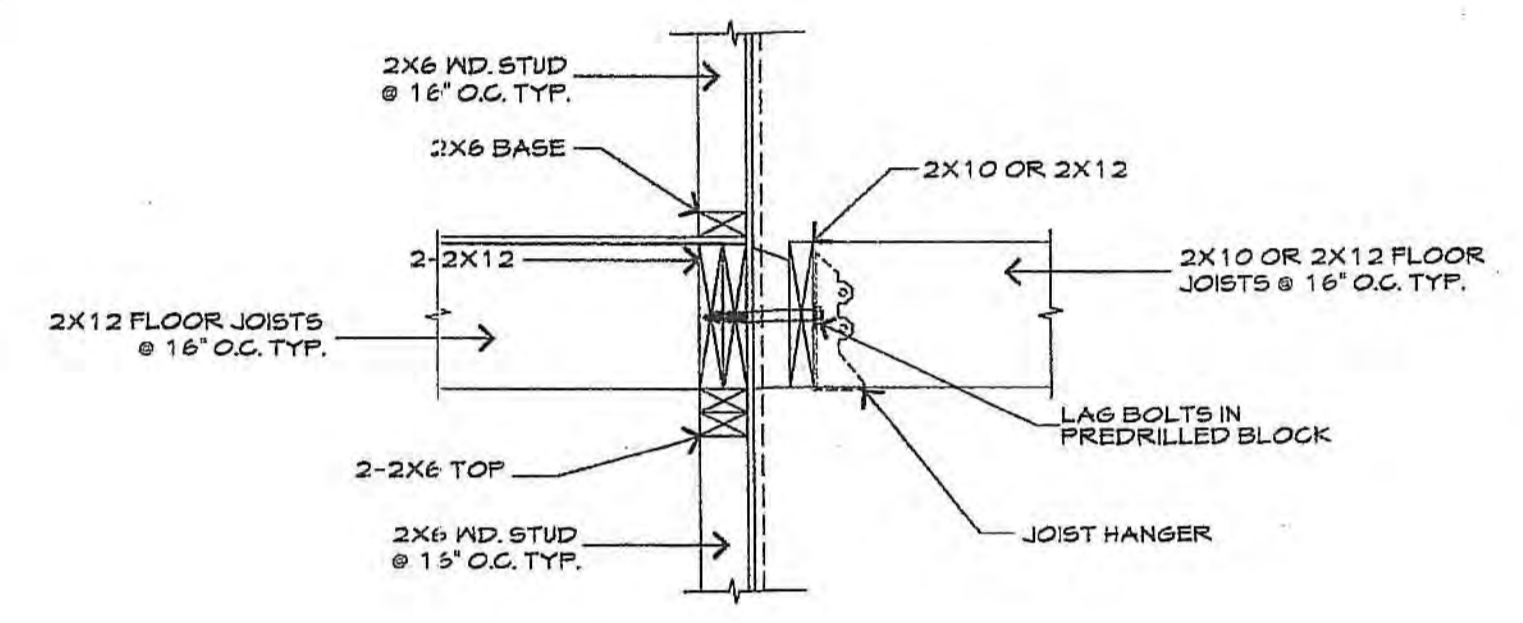
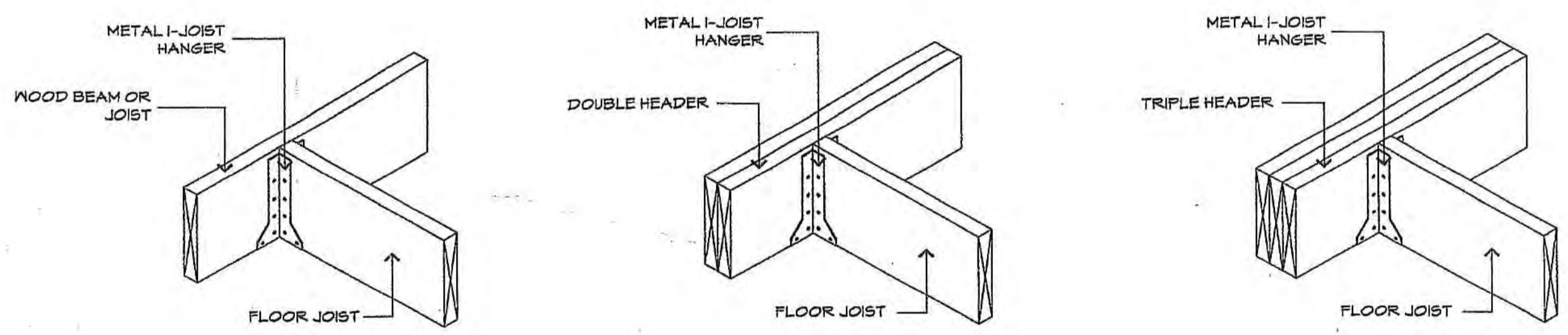


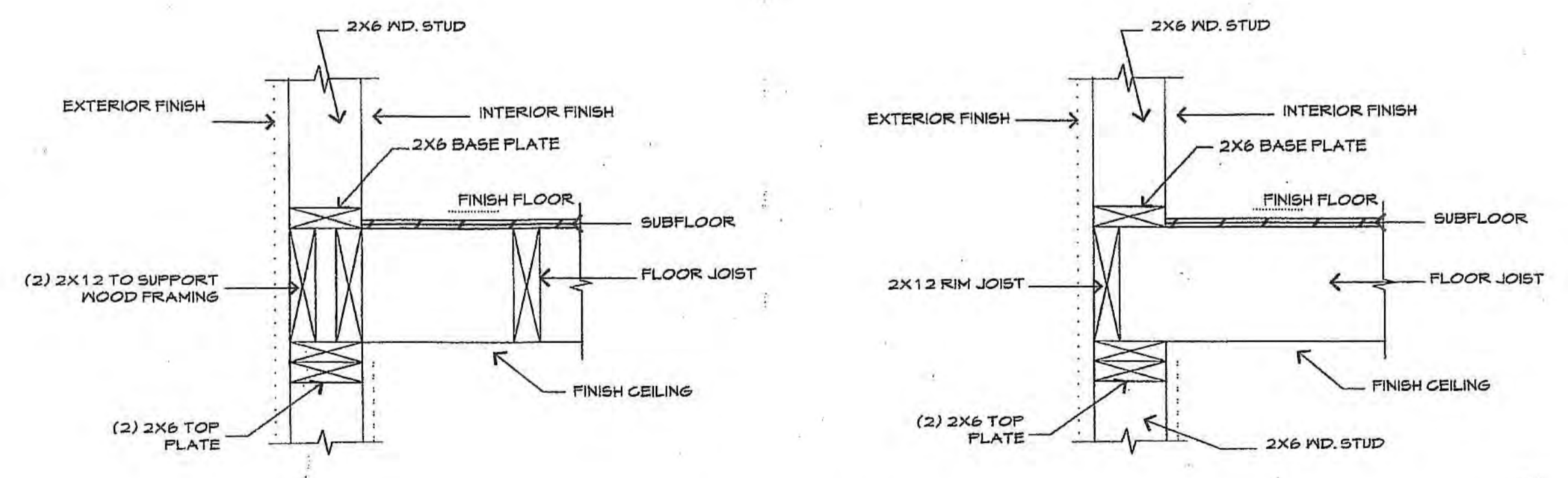
JOISTS & BEARING FRAMING



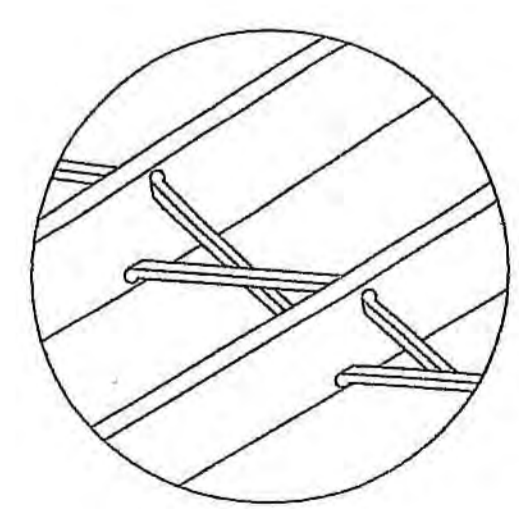
JOISTS & STUD FRAMING (INTERIOR)



FLOOR JOIST CONNECTIONS
NOT TO SCALE

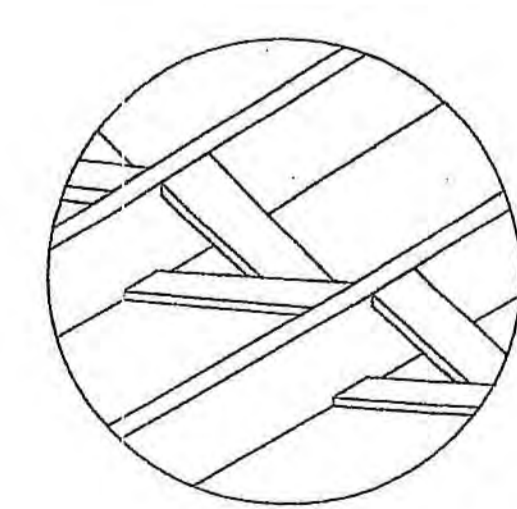


JOISTS-STUD FRAMING (EXTERIOR)



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.

EXHIBIT NO. 658

PANEL		SERVICE: 240/120V, 1PH, 3W		ENTER TO RBT AT:					
FEEDER: 3#1+1#6G		MTG. RECESSED		BUS: 225A, 1#, 3W.					
DESCRIPTION	LOAD KVA		CIRCUIT	TRIP	LOAD KVA		DESCRIPTION		
	#A	#B			#A	#B			
LIGHTS	1.2	1	20	1	2	1	KITCHEN RECEPTACLES		
BATHROOM RECEPTACLES	1.5	1.5	1	20	3	4	KITCHEN RECEPTACLES		
BATHROOM RECEPTACLES	1.5	1	20	5	6	2	DINING RM. RECEPT.		
CLOTHES DRYER	2.5	2.5	30	9	8	20	1.4	CLOTHES WASHER	
HOT WATER HEATER	2.5	2	30	11	10	20	1.5	LAUNDRY RECEPTACLES	
CONDENSING UNIT	1.1	1.1	2	15	12	15	1	0.9	AHU
DISPOSAL	1.2	1	20	19	16	15	1	1.3	RECEPTACLES
DISHWASHER	1.4	1	20	21	18	15	1	1.5	RECEPTACLES
SPACE ONLY	1	1	23	24	22	15	1	1.3	RECEPTACLES
					24	1	-	-	SPARE
					24	1	-	-	SPACE ONLY
TOTAL (KVA) = 32.4		#A = 17.2		#B = 15.2					
AIC RATING 10 KAIC		AMPS/PHASE AT 240/120		VOLT (DEMAND)					

- ### 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.

LOAD CALCULATIONS (TYPICAL OF EACH UNIT)

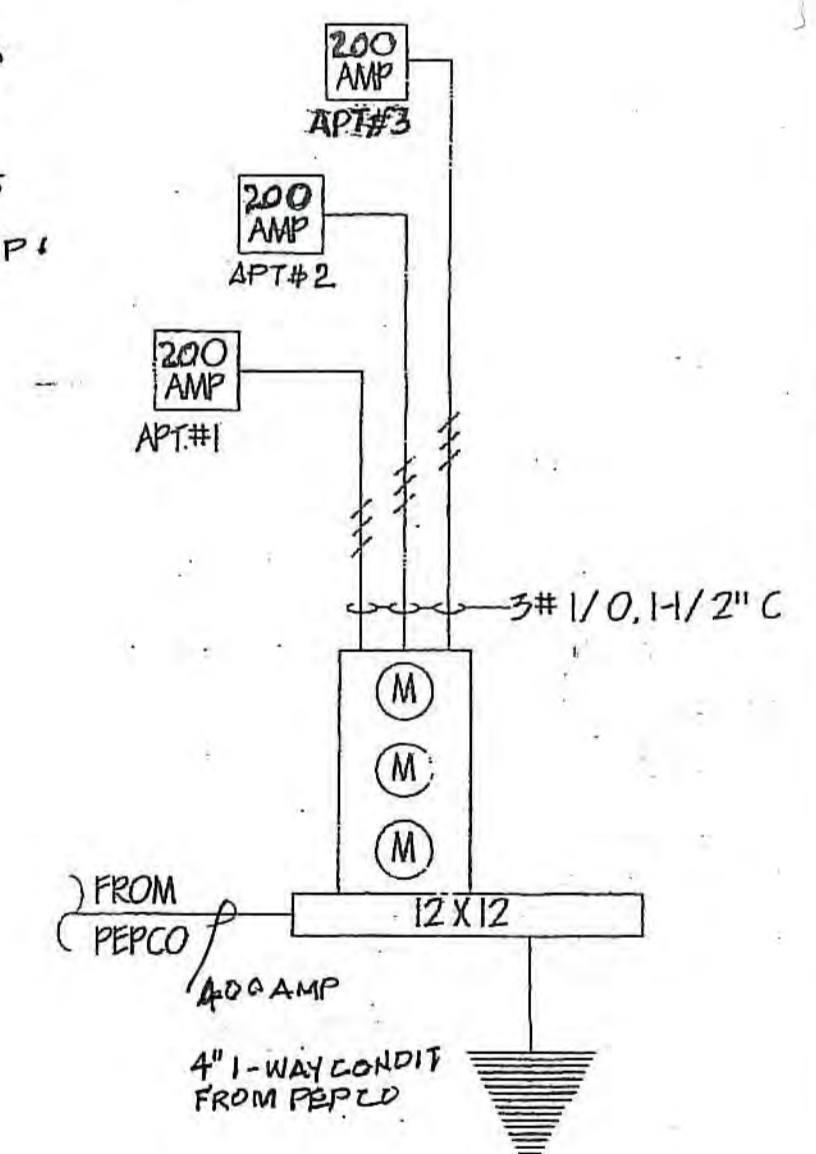
GENERAL LIGHTING (1933 X 3) 5799 VA
 SMALL APPL. (BRANCH CIR. & LAUND. CIR.) 4500 VA
 OTHER APPL. WATER HEATER
 DRYER
 RANGE
 DISH WASHER
 DISPOSAR
 MICROWAVE
 GAS FURN.

TOTAL 26340 VA
 36639 VA

FIRST 10000 @ 100% 10000 VA
 36639 - 10000 = 26639 X 0.4 10656 VA
 10000 + 10656 = 20656 / 240 86 AMP

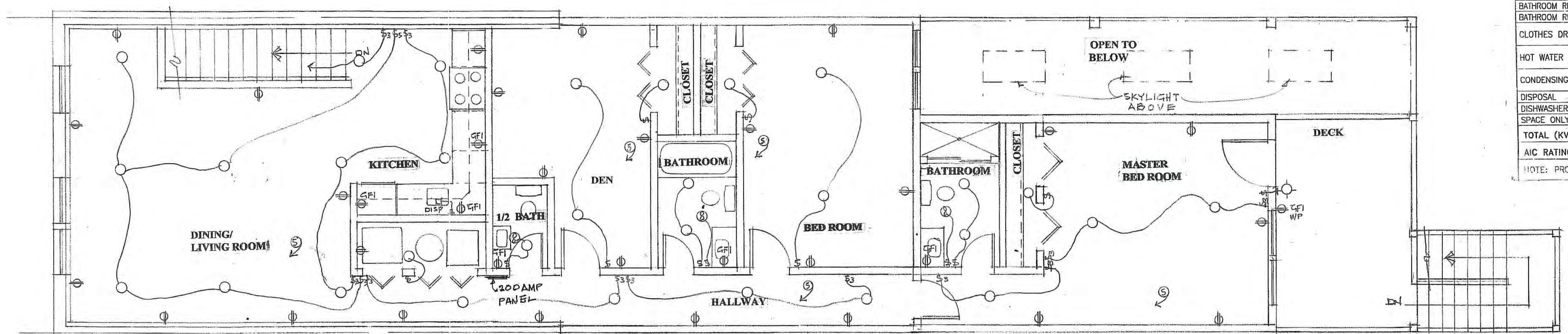
USE 200 AMP
 USE 600 AMP FOR FEEDER

FOR 3 UNITS = 86 X 3 = 258
 MNT. UNIT FACTOR = 0.45 X 258 = 116 AMPS
 FOR FUTURE DEMAND = 116 X 1.25 = 145 AMP
 USE 400 AMPS

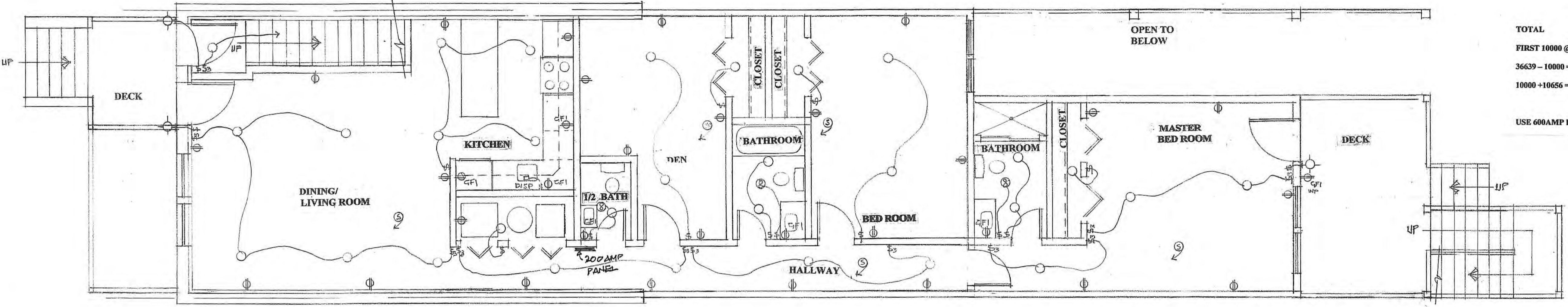


POWER RISER DIAGRAM
 N.T.S.
 NOTE: PROVIDE AFCI PROTECTION IN ALL BEDROOM OUTLETS AND RECEPTACLES AS PER NEC 2011 EDITION ART. 210.12 B AND IRC 2012 E3802.12

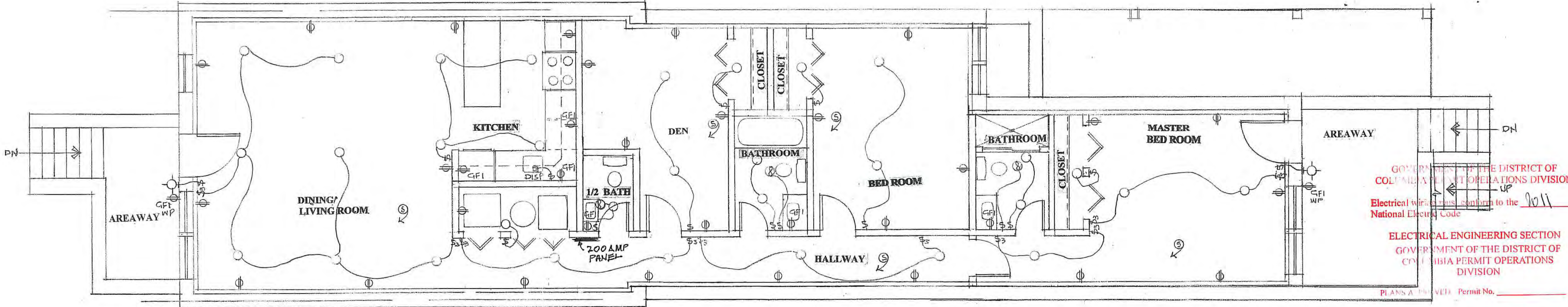
ALL RECEPTACLE OUTLETS IN THE DWELLING SHALL BE OF AFCI TYPE UNO



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



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

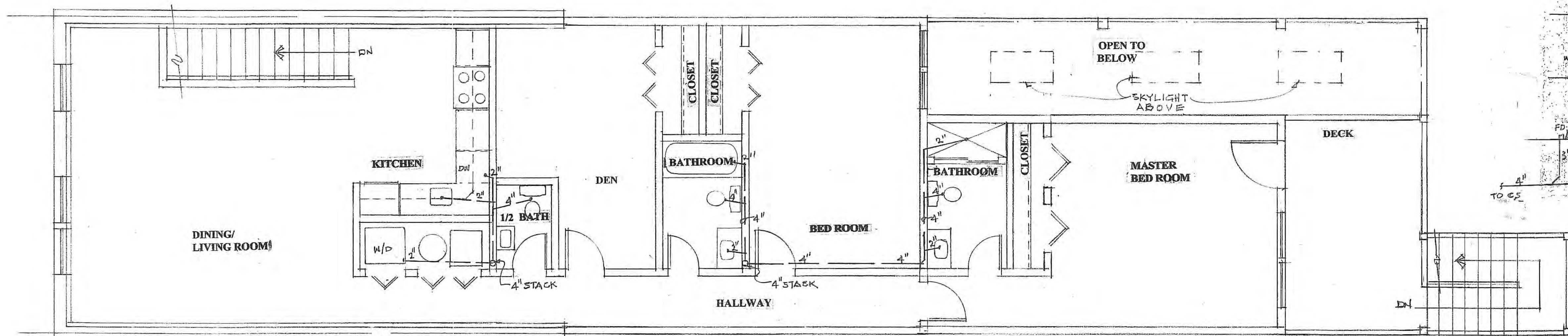


PROPOSED BASEMENT FLOOR PLAN
 SCALE: 1/4" = 1'-0"

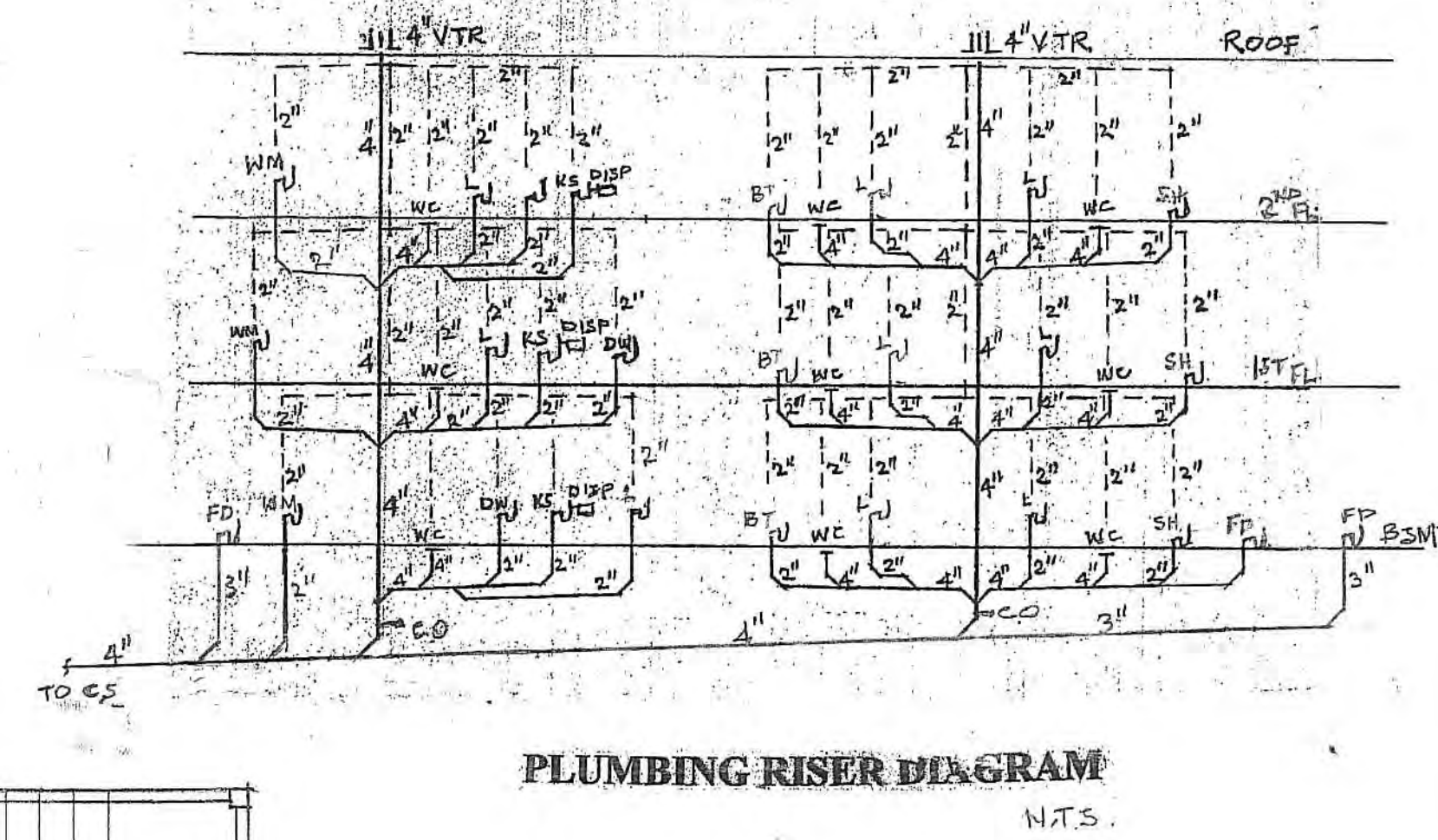
GOVERNMENT OF THE DISTRICT OF COLUMBIA PERMIT OPERATIONS DIVISION
 Electrical work shall conform to the National Electrical Code
 ELECTRICAL ENGINEERING SECTION
 GOVERNMENT OF THE DISTRICT OF COLUMBIA PERMIT OPERATIONS DIVISION
 PLANS APPROVED Permit No. _____

This plan is conditionally approved in accordance with the provisions of the District of Columbia Building Code and the rules and regulations of the Department of Consumer and Workforce Protection. The building permit is issued on the condition that the applicant shall comply with all applicable codes and regulations. The Department of Consumer and Workforce Protection does not prevent field inspections from being performed to meet codes when issues are identified during inspections.
 Date MAY 15 2015

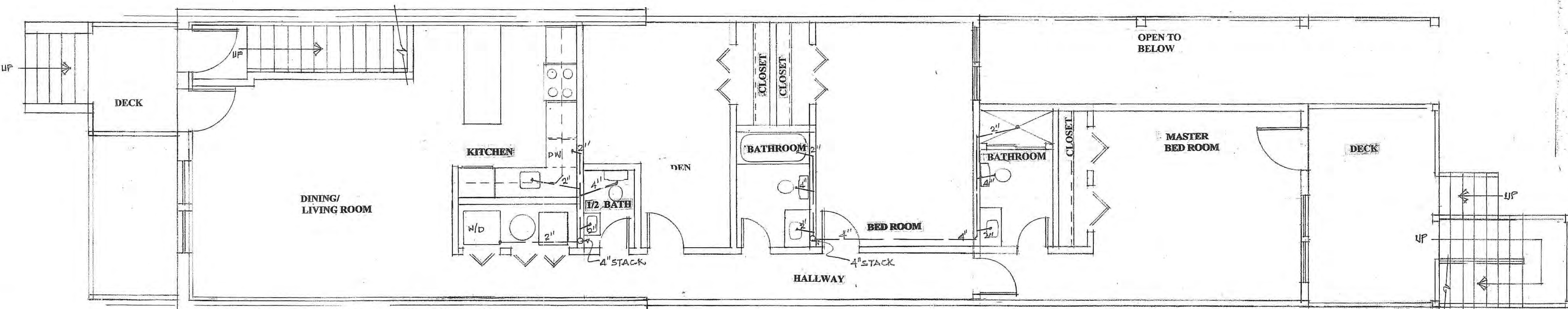
HOUSE RENOVATION AND ADDITION
 1117 ALLISON STREET N.W. **E1**



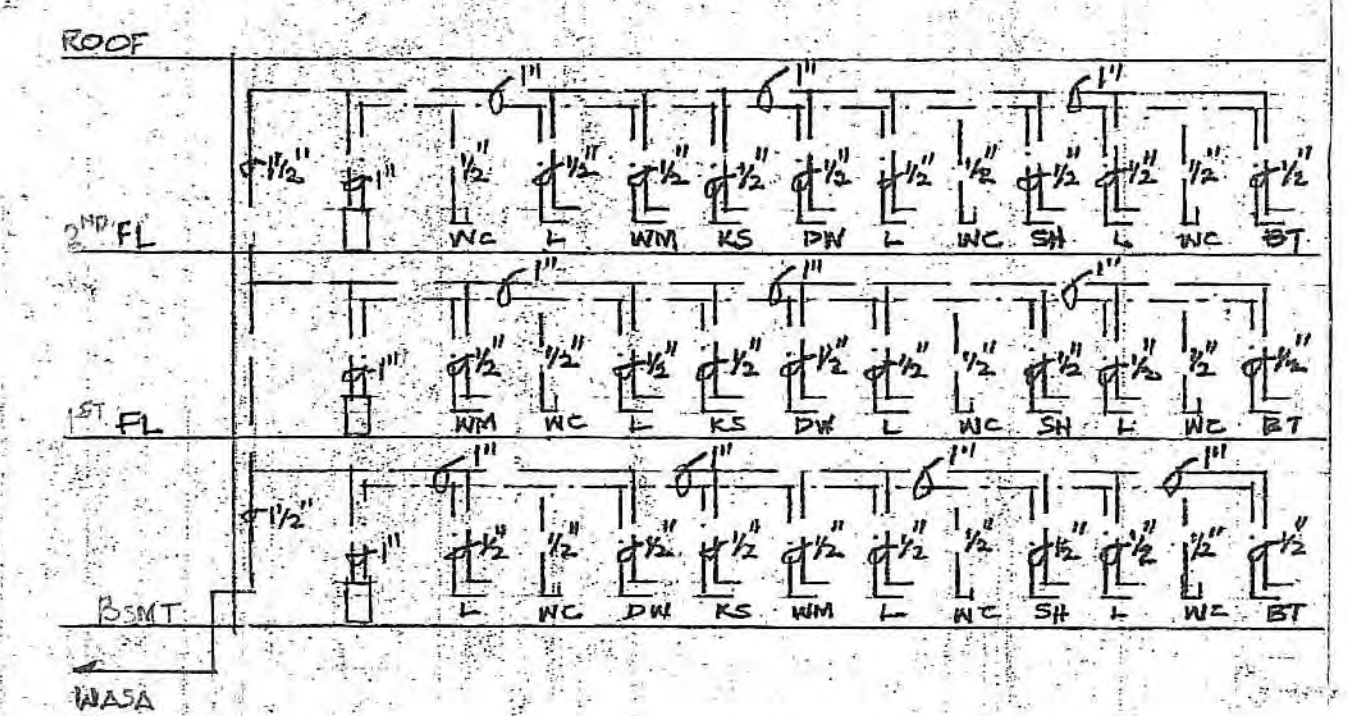
PROPOSED SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



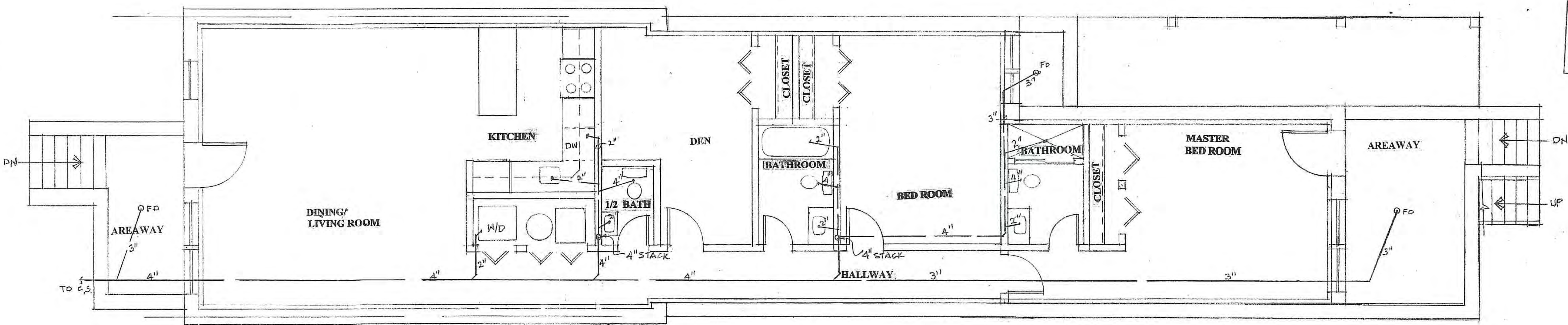
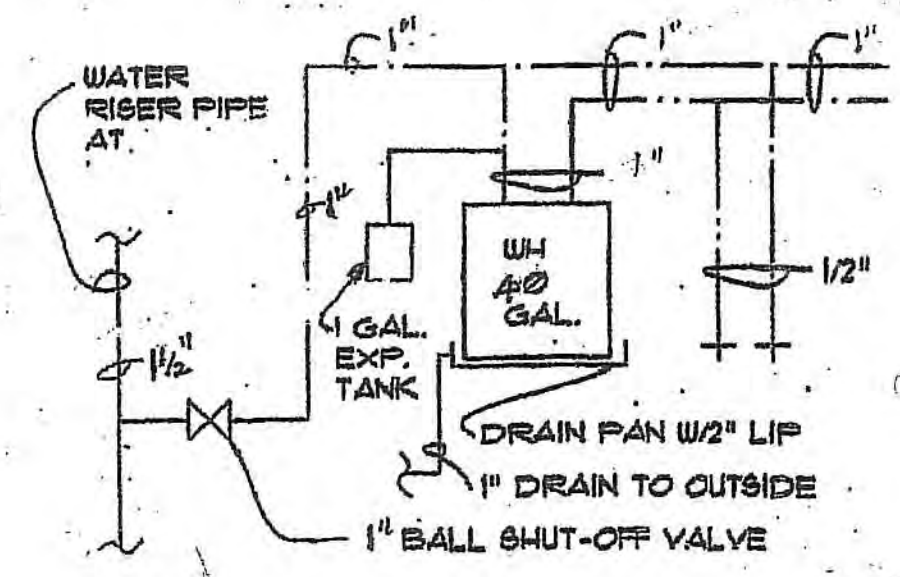
PLUMBING RISER DIAGRAM
N.T.S.



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



WATER RISER DIAGRAM
N.T.S.



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

THE GENERAL LAYOUT OF THE GAS PIPING AND/OR PLUMBING SYSTEMS (Water, Sanitary and Storm) SHOWN ON THESE DRAWINGS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE D.C. CONSTRUCTION CODES AND IS APPROVED.
DATE: APR 2 2015
Mechanical Engineering Section

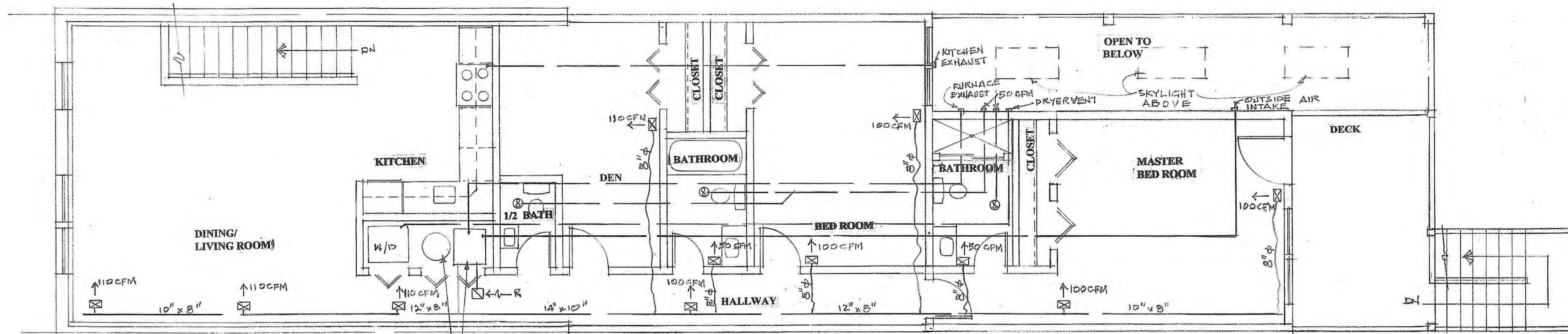
Handwritten signature and stamp of a professional engineer.

Dryer Venting Comparison Chart

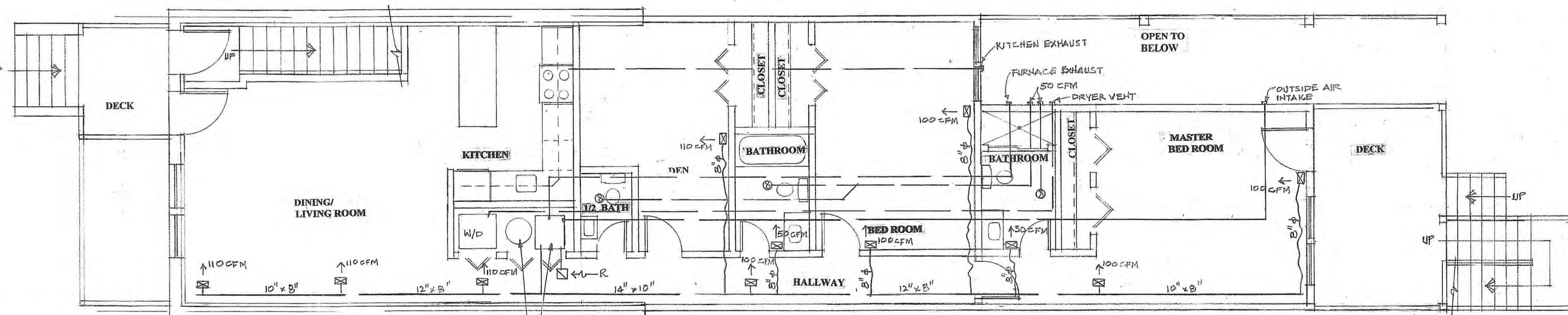
The chart below shows the manufacturer recommendations for maximum vent length under various conditions. The recommendations can change from model to model even on the same brand's products so consult the owner's manual or installation instructions for your specific model.

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

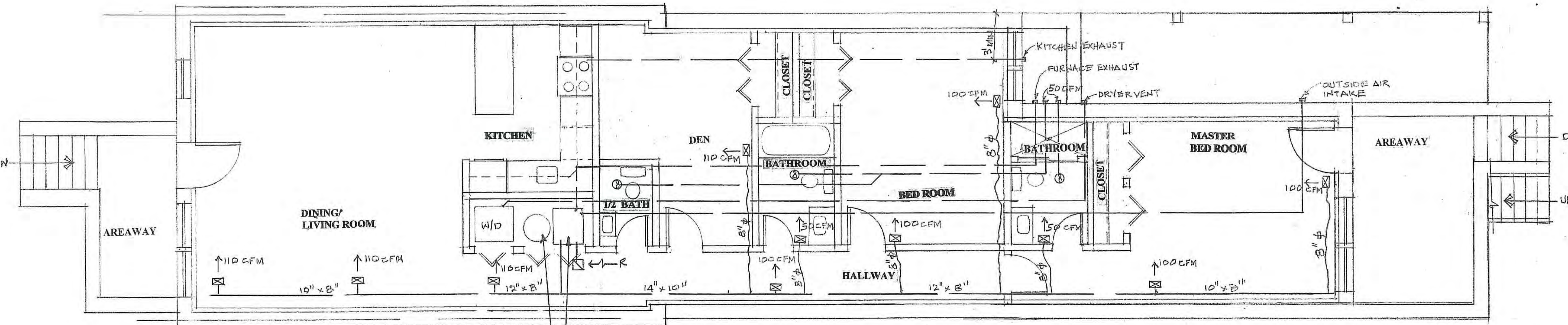
Brand	Vent Material	Vent Hood Type	Maximum Vent Length with 90° elbows						
			0 elbows	1 elbow	2 elbows	3 elbows	4 elbows		
Amana Speed Queen (domestic)	Rigid	A	44 ft.	34 ft.	26 ft.	20 ft.	14 ft.		
	Metal	B	34 ft.	26 ft.	20 ft.	14 ft.	8 ft.		
	Metal	B	24 ft.	20 ft.	16 ft.	12 ft.	8 ft.		
Frigidaire 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.		
	Metal	B	30 ft.	22 ft.	14 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.		
	Metal	B	55 ft.	40 ft.	30 ft.	20 ft.	15 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.		
	Metal	B	30 ft.	22 ft.	14 ft.	-	-		
GE (6.0+ capacity gas models)	Rigid	A	45 ft.	35 ft.	25 ft.	15 ft.	-		
	Metal	B	30 ft.	20 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.	-	-		
	Metal	B	15 ft.	10 ft.	-	-	-		
Magic Chef Admiral, Norge	Rigid	A	45 ft.	35 ft.	25 ft.	-	-		
	Metal	B	30 ft.	20 ft.	10 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.		
	Metal	B	36 ft.	32 ft.	28 ft.	25 ft.	23 ft.		
			Metal	B	28 ft.	24 ft.	20 ft.	17 ft.	15 ft.



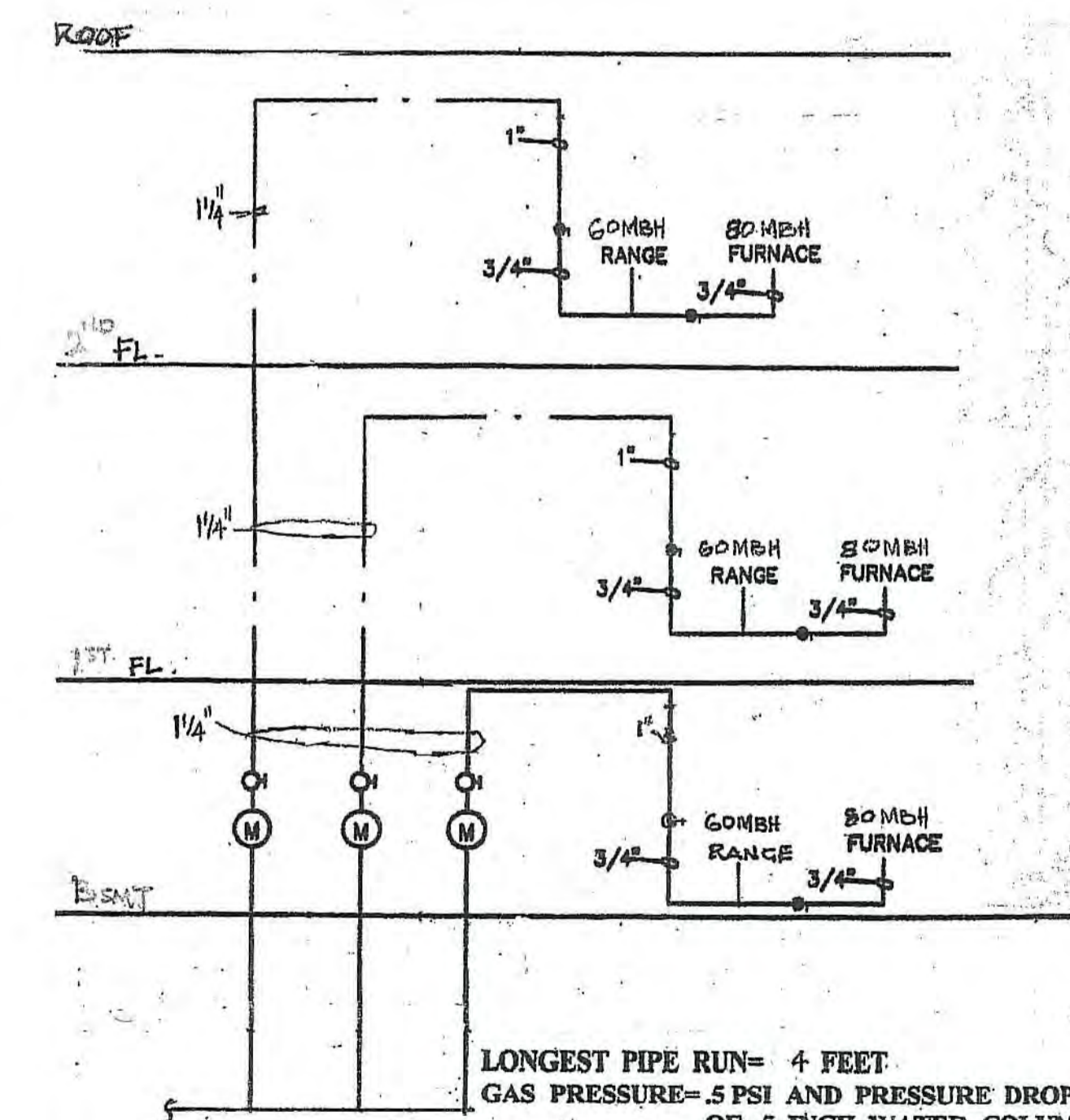
PROPOSED SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



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



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



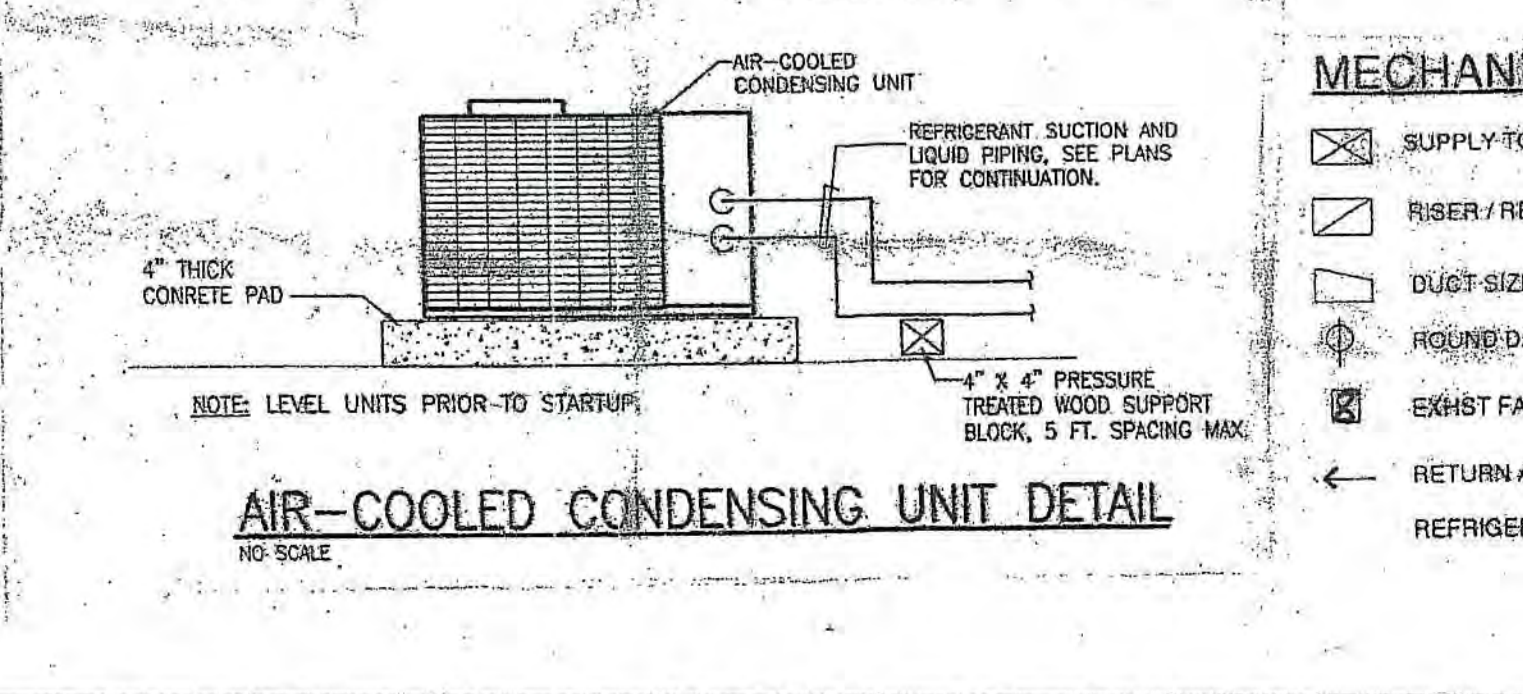
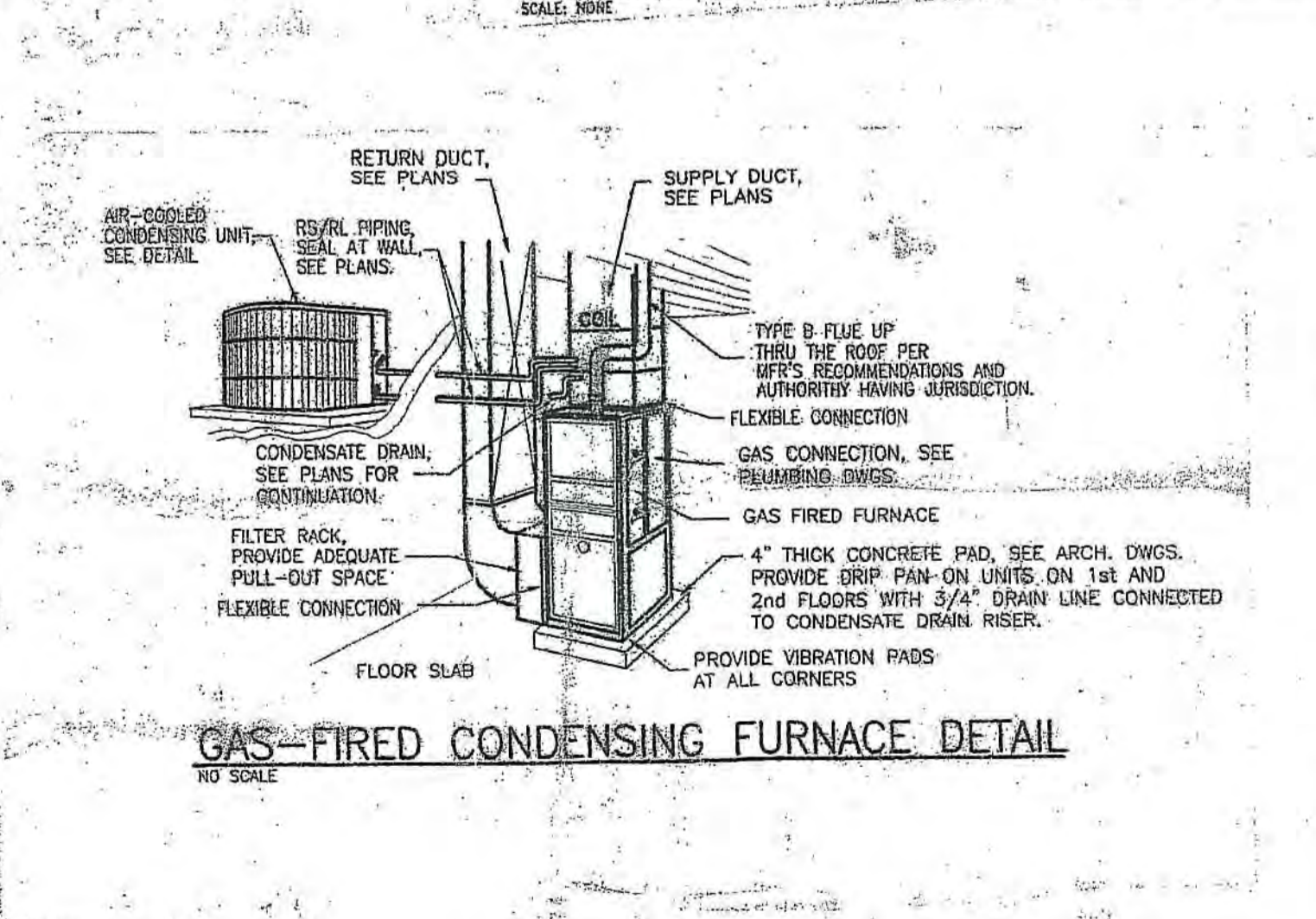
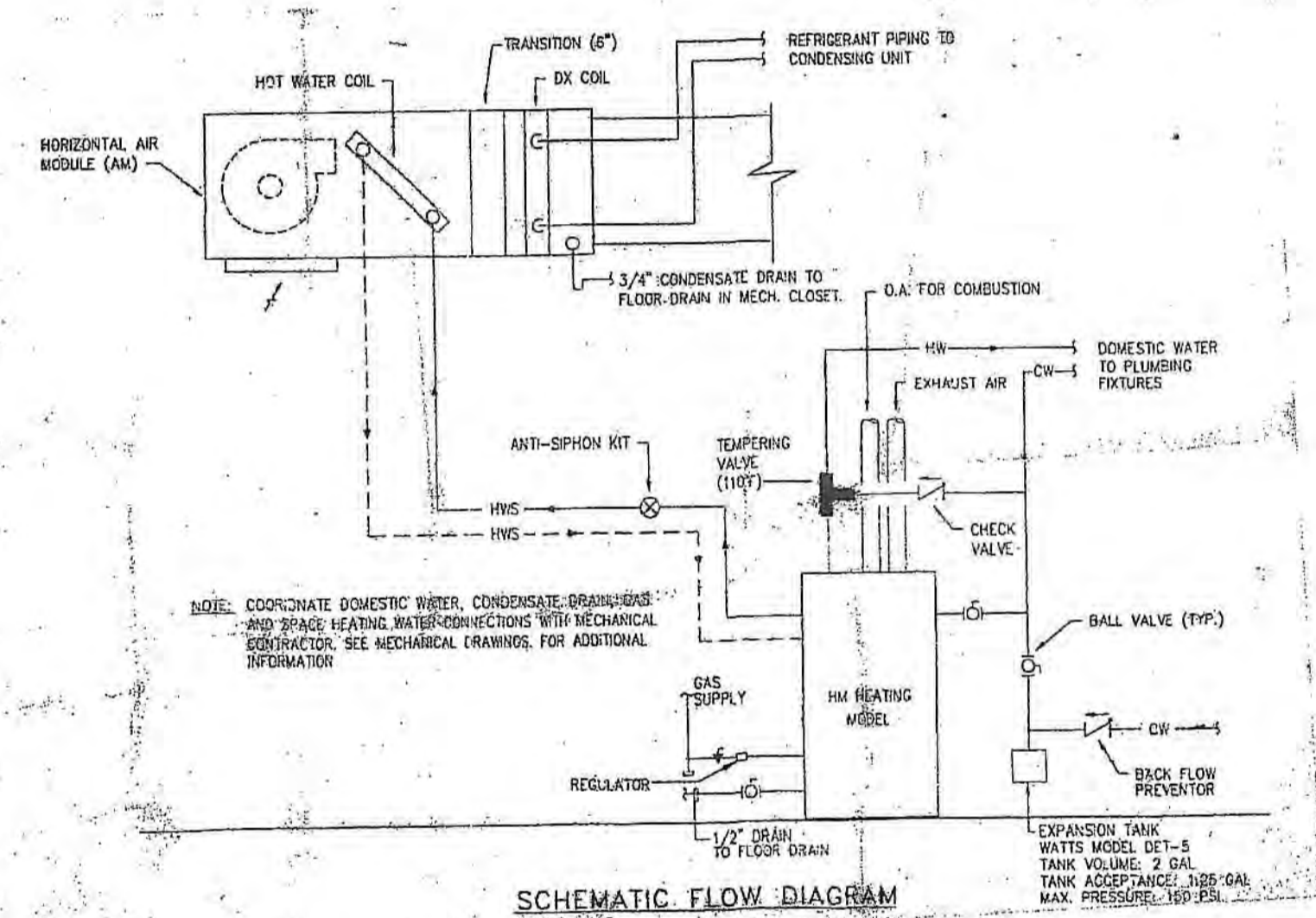
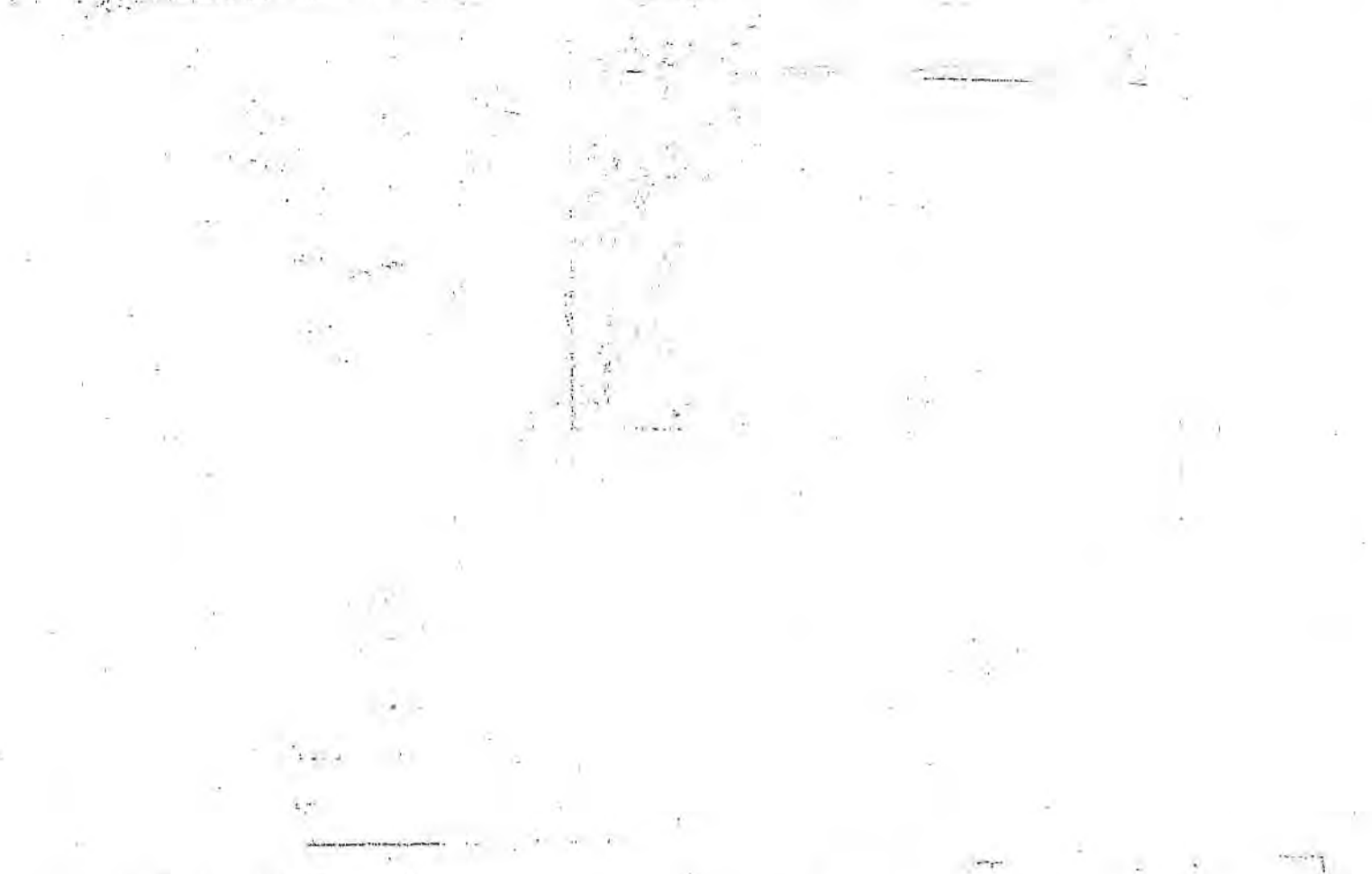
LONGEST PIPE RUN= 4 FEET
GAS PRESSURE= .5 PSI AND PRESSURE DROP OF .5 INCH WATER COLUMN
GAS RISER DIAGRAM

THE GENERAL LAYOUT OF THE MECHANICAL SYSTEMS AND/OR THE MECHANICAL EQUIPMENT SHOWN ON THESE DRAWINGS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE D.C. CONSTRUCTION CODES AND IS APPROVED.
Date: APR 02 2015
Mechanical Engineering Section



HOUSE RENOVATION AND ADDITION
1117 ALLISON STREET N.W.

M1



GENERAL NOTES - HVAC

ALL WORK SHALL BE IN ACCORDANCE WITH BOCA CODE & L.C. CODES, CONSIDERED AS MINIMUM REQUIREMENTS.

ALL DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTION, BRACED AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA STD. & BOCA CODE REQUIREMENT. THE SUPPLY DUCT WORK SHALL BE OF 2\"/>

MAXIMUM SIZE GAGES:
 0 - 12 28 GA.
 13 - 20 24 GA.
 21 - 24 22 GA.
 25 - 34 20 GA.
 35 - 84 20 GA.

ALL DUCTWORK SHALL BE FABRICATED FROM FIELD TAKEN DIMENSIONS AND NOT FROM DRAWING CEILING CLEARANCE. PRIOR TO DUCT FABRICATION, SHALL VERIFY 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, LOCATIONS 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 IN THE DRAWING BY INDEPENDENT BALANCING COMPANY OR PROFESSIONAL ENGINEER. PROVIDE VOLUME DAMPER AT ALL THE SUPPLY AND RETURN BRANCHES.

ALL DUCT OR PIPE PENETRATION THROUGH ROOF OR WALL SHALL BE CALLED 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 AIR 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.

Mechanical NOTES

THE CONTRACTOR SHALL LAY OUT HIS WORK AND COORDINATE HIS WORK 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, RIGGING 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. FOR ANY DAMAGES CAUSED BY OR RESULTING FROM HIS WORK.

THE CONTRACTOR SHALL GUARANTEE 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 SUBJECT 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 STEEL OF PROPER GAGE PER DUCT DIMENSION AS RECOMMENDED FOR LOW VELOCITY CONSTRUCTION BY THE ASHRAE GUIDE AND DATA BOOK, BRANCO LOW PRESSURE DUCT CONSTRUCTION STANDARDS AND AREA-BANKING 49A.

TURNING VANES SHALL BE USED AT ALL SQUARE ELBOWS ON SUPPLY DUCTS. VANES SHALL BE TITLED AND BALLETT OR APPROVED EQUAL, INSTALLED AS RECOMMENDED BY MANUFACTURER.

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

INSULATE ALL SUPPLY DUCTWORK WITH A MINIMUM 1\"/>

PERMITS SHALL BE U.L. APPROVED AND LABELED.

CEILING DIFFUSERS SHALL BE CARRIES OR EQUAL WITH VOLUME CONTROL DAMPERS, TURNING VANES AND EXTRACTORS, FURNISHED BY THE DIFFUSER 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 THIS SHEET.

KITCHEN APPLIANCE SCHEDULE

SYM.	DESCRIPTION	NOTE
A	RANGE	30\"/>

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 28\"/>

Electrical Data

Model	Volts	PH	Wire Ampacity	Maximum Overcurrent Protection	Maximum Volts	Minimum Volts	Compressor RLA	LRA	FLA	HP	Cond. Fan
CK18-1	208/230	1	12.5	20	253	197	9.0	45	1.3	1/8	
CK24-1	208/230	1	16.4	25	253	197	12.1	57	1.3	1/8	
CK30-1	208/230	1	19.7	30	253	197	14.7	73	1.3	1/8	
CK36-1	208/230	1	23.2	40	253	197	17.5	92	1.3	1/8	
CK36-3	208/230	3	14.9	25	253	197	10.9	78	1.3	1/8	
CK42-1	208/230	1	25.8	45	253	197	19.6	102	1.3	1/8	
CK49-1	208/230	1	28.8	45	253	197	20.0	110	1.3	1/8	
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.

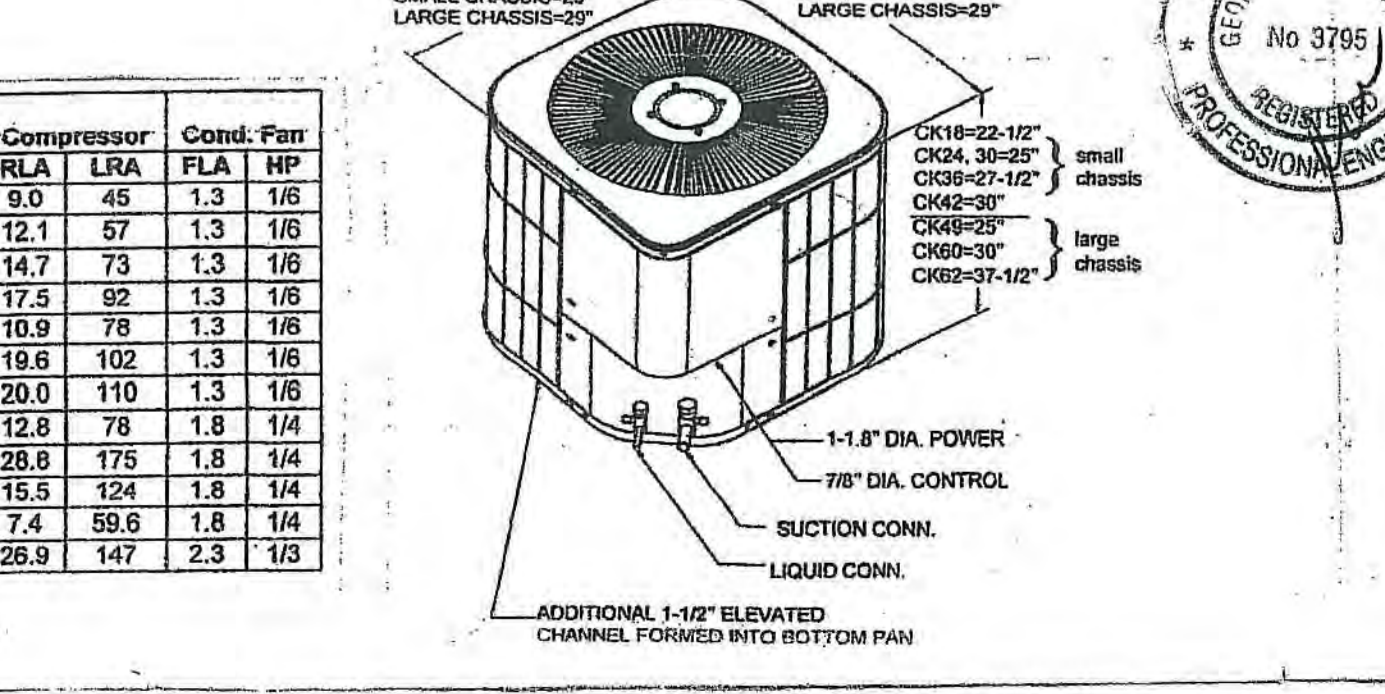
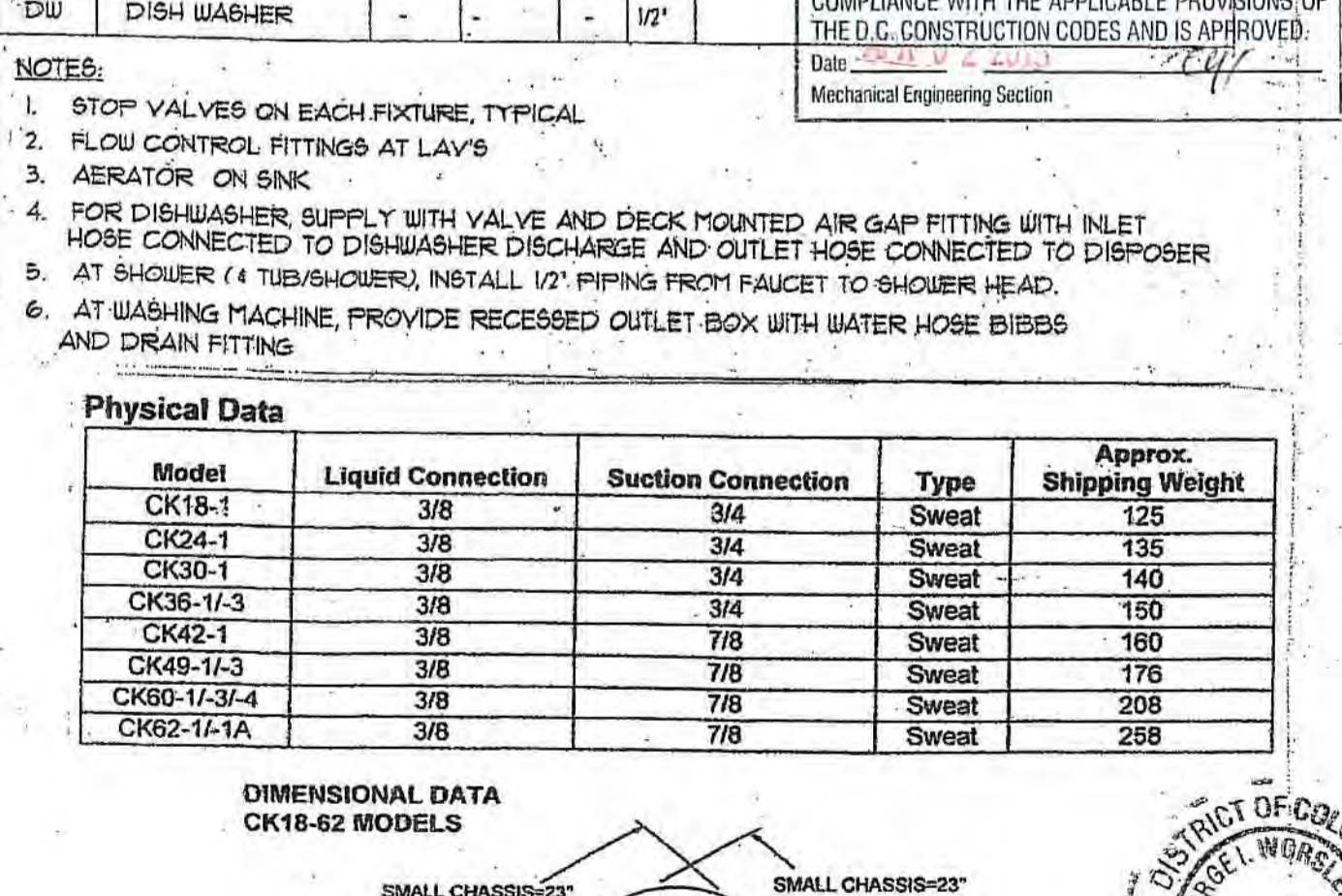
PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM	DESIGNATION	W	V	CW	HW	ITEM
WC	WATER CLOSET	4"	2"	1/2"	-	FLOOR MOUNTED TANK
SK	KITCHEN SINK	2"	2"	1/2"	1/2"	SINGLE COMPARTMENT W/D/DRIPSEER
BH	BATHROOM LAV	2"	2"	1/2"	1/2"	
SH	SHOWER	2"	2"	1/2"	1/2"	
BT	BATH TUB	2"	2"	1/2"	1/2"	
WM	WASHING MACHINE	2"	2"	1/2"	1/2"	
DW	DISH WASHER	-	-	-	1/2"	

NOTES:
 1. STOP VALVES ON EACH FIXTURE, TYPICAL
 2. FLOW CONTROL FITTINGS AT LAVS
 3. AERATOR ON SINK
 4. FOR DISHWASHER SUPPLY WITH VALVE AND DECK MOUNTED AIR GAP FITTINGS WITH INLET HOSE CONNECTED TO DISHWASHER DISCHARGE AND OUTLET HOSE CONNECTED TO DRAINER
 5. AT SHOWER (1 TUB/SHOWER), INSTALL 1/2\"/>

Physical Data

Model	Liquid Connection	Suction Connection	Type	Approx. Shipping Weight
CK18-1	3/8	3/4	Sweat	125
CK24-1	3/8	3/4	Sweat	135
CK30-1	3/8	3/4	Sweat	140
CK36-1/3	3/8	3/4	Sweat	150
CK42-1	3/8	7/8	Sweat	160
CK49-1/3	3/8	7/8	Sweat	176
CK60-1/3-4A	3/8	7/8	Sweat	208
CK62-1/1A	3/8	7/8	Sweat	268

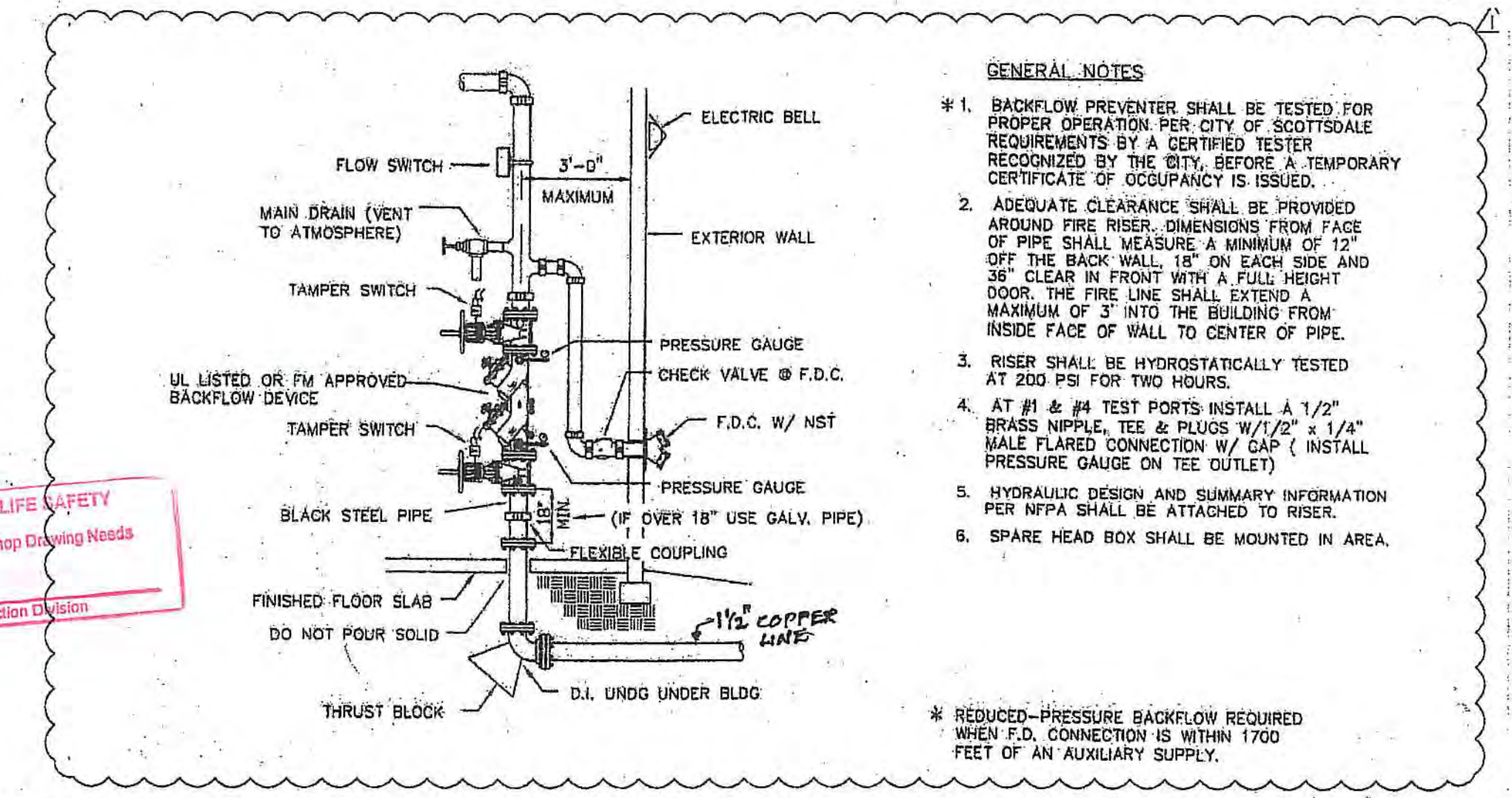


- PLUMBING NOTES & SPECIFICATIONS**
- ALL DRAWINGS, I.E. ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL ARE COMPLEMENTARY AND MUST BE USED IN COMBINATION TO OBTAIN COMPLETE CONSTRUCTION INFORMATION.
 - ANY INFORMATIONAL CONFLICTS WITHIN THE DRAWINGS SHALL BE BROUGHT TO 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\"/>

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, REPLACE ANY 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 TYPEWRITTEN 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\"/>

- ALL EMPLOYEES 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 DISTRIBUTION POINTS AND SHALL NOT BE USED AS JUNCTION BOXES. PROVIDE JUNCTION BOXES OUTSIDE THE PANEL AS REQUIRED.
- FOR ELECTRICAL HOMEWORKS 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 MAINTENANCE AND OPERATING MANUALS AND WARRANTIES FOR ALL EQUIPMENT TO THE OWNER UPON COMPLETION OF THE PROJECT.



NOTED FIRE-LIFE SAFETY
See Cover sheet for Shop Drawing Needs
By
Fire Protection Division

- 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

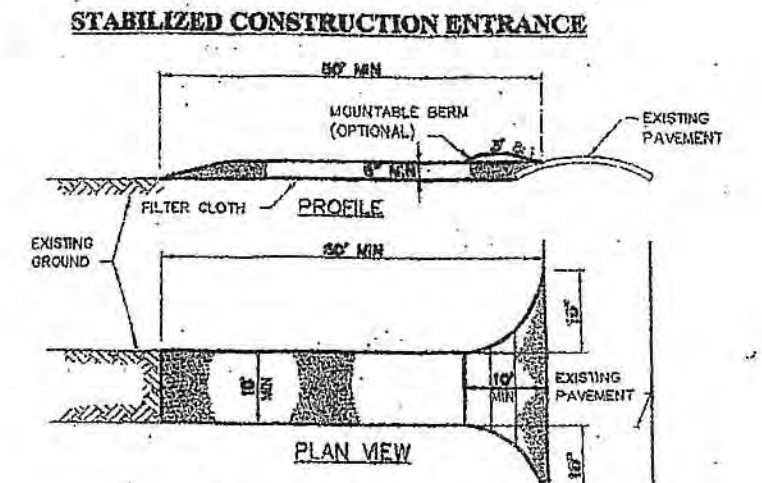
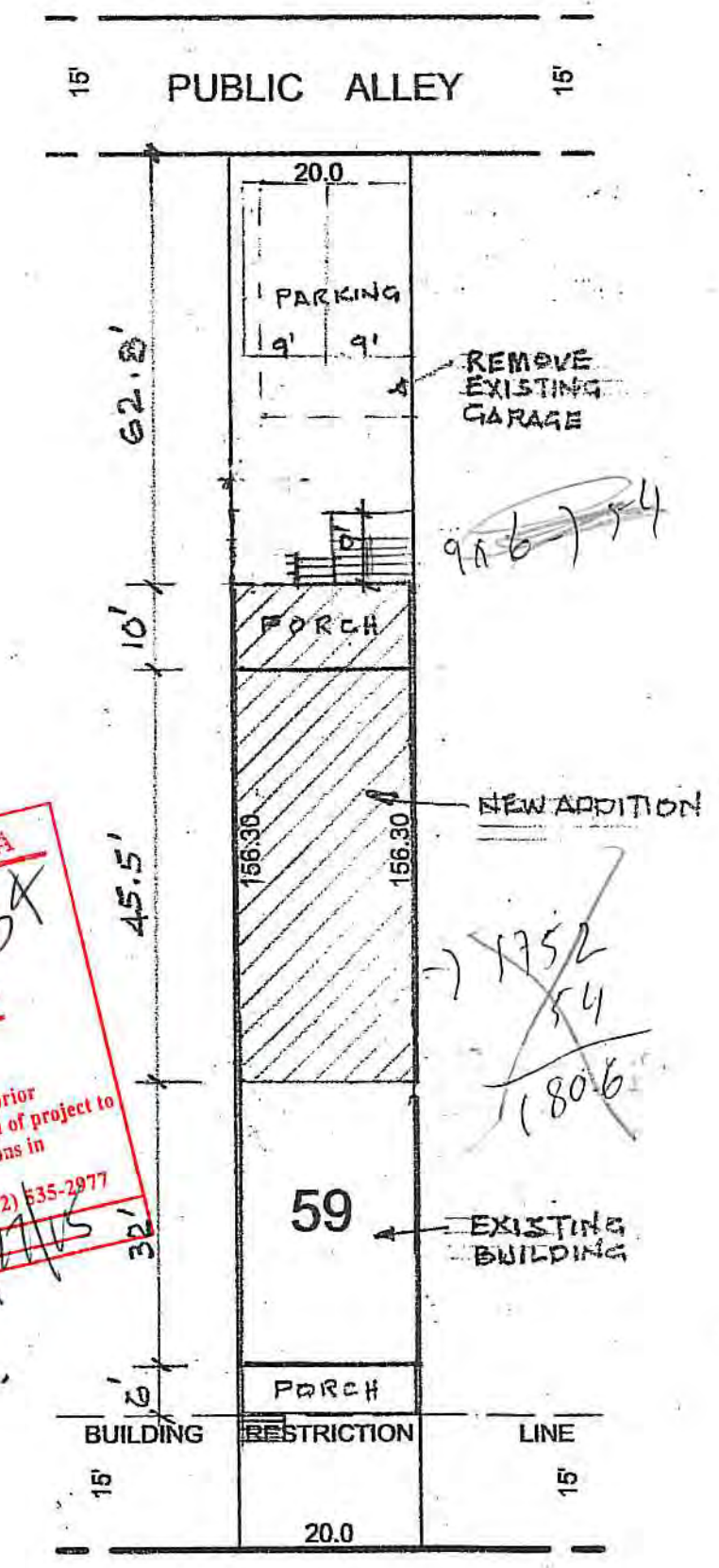
LIST OF STANDARDS

- 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 SWEEPED 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 AS 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, BROCKBAM OR MULCH, ETC., AS REQUIRED.

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DISTRICT DEPARTMENT OF THE ENVIRONMENT
NATURAL RESOURCES ADMINISTRATION
WATERSHED PROTECTION DIVISION
Sediment Control Approval
Note: This Approval is for Sediment Control Plan only. The applicant is required to construct design features as shown on these approved plans. The applicant must notify this office by phone (see below) at least 72 hours prior to the start of land disturbing activity and within (2) weeks after completion of the request final inspection. If there is need to make any changes or modifications in the approved design, the office must be notified immediately.
Approved By: [Signature] Date: 11/15/14



- 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 SINGLE FAMILY 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 BERM WITH 5:1 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. 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 GRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

ALLISON STREET, N.W.

DISTRICT OF COLUMBIA
QUINTON WORKS
[Signature]

PROJECT DESCRIPTION
This project entails the construction of rear to the building as shown on plan.

Erosion & Sediment Control Plan
#17 ALLISON STREET N.W.
LOT 0059 SQUARE 2918
WASHINGTON DC
DATE: 07/16/14 SCALE: 1"=20'

Zone:	
Lot Size:	3126 S.F.
Impervious Area:	
Lot Coverage Proposed:	1933 S.F.
Lot Coverage EXIST:	920 S.F.
Disturbed Area:	2706 S.F.
Volume of Cut:	8.7 CY
Volume of Fill:	0

C1

B1409828

