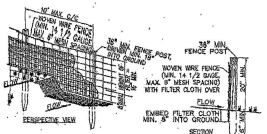
DISTRICT OF COLUMBIA EROSION AND SEDIMENT CONTROL GUIDELINES



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

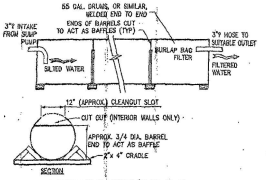
POSTS: STEEL, EITHER "I" OR "L" TYPE OR 2" HARDWOOD

FENCE: WOVEN WIRE, 14 1/2 GAGE 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

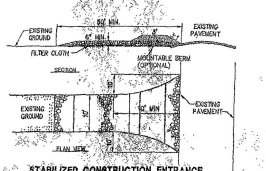
SILT FENCE
(NO SCALE)



PORTABLE SEDIMENT TANK
(NO SCALE)

CONSTRUCTION NOTES

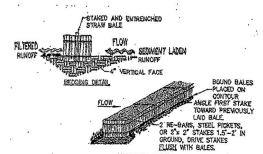
1. CLEAN OUT THE SEDIMENT TANK WHEN ONE THIRD (1/3) FILLED WITH SILT.
2. STEEL DRUMS ARE USED, AS AN EXAMPLE DUE TO THEIR READY AVAILABILITY. ANY TANKS MAY BE USED, PROVIDING THAT THE VOLUME REQUIREMENTS FROM PAGE 20.01 ARE MET.
3. ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING DEVICE OR AS APPROVED BY THE INSPECTOR.
4. TANK STORAGE VOLUME REQUIRED = 70 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED.



STABILIZED CONSTRUCTION ENTRANCE
(NOT TO SCALE)

CONSTRUCTION RAMP SPECIFICATION

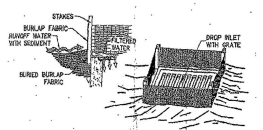
1. STONE SIZE- USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH- AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS- NOT LESS THEN SIX (6) INCHES.
4. WIDTH- TEN (10) FOOT MINIMUM, BUT NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS OCCURS.
5. 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.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN 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.
8. WASHING- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

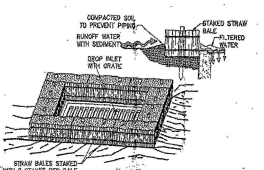
STRAW BALE DIKE
(NOT TO SCALE)



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

BURLAP DROP INLET SEDIMENT FILTER
(NOT TO SCALE)



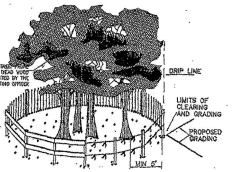
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

STRAW BALE DROP INLET SEDIMENT FILTER
(NOT TO SCALE)



VEHICLE WASH DETAIL
(NOT TO SCALE)



TREE PROTECTION DETAIL
(NOT TO SCALE)

48" ORANGE PLASTIC MESH FENCE SHALL BE USED FOR TREE PROTECTION. FENCE POSTS TO BE @ 5' REBAR @ 4.0 O.C. DRIVEN 1'-6" BELOW FINISH GRADE. CHAINLINK FENCE SHALL BE ATTACHED TO REBARS WITH METAL TIE WIRE.

1. DO NOT STORE OR STOCKPILE ANY EQUIPMENT AND OR MATERIALS WITHIN THE DRIP LINE OF ANY TREE.
2. DO NOT PARK VEHICLES WITHIN THE DRIP LINE OF ANY TREE. VEHICULAR TRAFFIC AND PARKING SHALL NOT BE PERMITTED WITHIN THE DRIP LINE.
3. FOOT TRAFFIC OVER TREE ROOTS SHALL BE RESTRICTED TO PREVENT COMPACTION OF SOIL OVER ROOT SYSTEMS.
4. IN AREAS WHERE CONSTRUCTION FALL WITHIN THE DRIP LINE OF TREES, FENCING SHALL BE REMOVED AND REPLACED/ REINSTALLED AS EACH STAGE OF WORK NEAR THE TREES IS COMPLETED TO PREVENT EXCESS SOIL COMPACTION.
5. TREE ROOT SYSTEM SHALL BE PROTECTED FROM SMOTHERING CHEMICAL CONTAMINATION, FLOODING, EROSION, AND EXCESSIVE WETTING RESULTING FROM DE-WATERING OPERATIONS AND FROM RUNOFF, SPILLAGE AND DRAINAGE SOLUTIONS CONTAINING MATERIALS WHICH WOULD BE DELETERIOUS TO TREE ROOTS.



BRICKBAT DETAIL
(NOT TO SCALE)

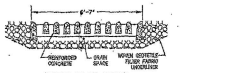
STANDARDS AND SPECIFICATIONS FOR BRICKBAT GROUND COVER

DEFINITION
TEMPORARY GROUND COVER CONSISTING OF BROKEN BRICK (1/2 PIECE OR SMALLER) PLACED OVER DENUDED EARTH.

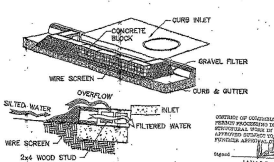
PURPOSE
BRICKBATS PROVIDE A TEMPORARY GROUND COVER OVER DENUDED URBAN EARTH TO PREVENT THE TRANSPORTATION OF SEDIMENT FROM THE SITE.

CONDITIONS WHEN PRACTICE APPLIES
BRICKBATS MAY BE USED ON ANY SITE IN NEED OF TEMPORARY GROUND COVER.

DESIGN CRITERIA
THE BRICKBATS SHALL BE PLACED TO A DEPTH OF 3 INCHES TO 4 INCHES COVERING THE DISTURBED EARTH ON THE SITE, THEN COMPACTED AND LEVELED.



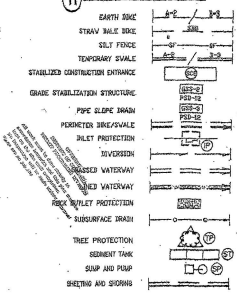
WASH RACK DETAIL
(NOT TO SCALE)



CURB INLET SEDIMENT FILTER
N.T.S.

1. TWO CONCRETE BLOCKS SHALL BE PLACED ON THEIR SIDES ABUTTING THE CURB AT EITHER SIDE OF THE INLET OPENING.
2. A 2 INCH BY 4 INCH STUB SHALL BE CUT AND PLACED THROUGH THE OUTER HOLES OF EACH SPACER BLOCK TO HELP KEEP THE FRONT BLOCKS IN PLACE.
3. CONCRETE BLOCKS SHALL BE PLACED ON THEIR SIDES ACROSS THE FRONT OF THE INLET AND ABUTTING THE SPACER BLOCKS AS ILLUSTRATED.
4. WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (OPENING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. CHICKEN WIRE OR HARDWARE CLOTH WITH 1/2-INCH OPENINGS SHALL BE USED.
5. TWO TO THREE INCH STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BARRIER AS SHOWN.
6. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED.

11 LIST OF STANDARD SYMBOLS



EROSION AND SEDIMENT CONTROL MEASURES AND SEQUENCE:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING.
2. PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE WHERE SHOWN. PROVIDE WATER SOURCE AND HOSE TO CLEAN ALL EQUIPMENT LEAVING SITE.
3. INSTALL SILT FENCE AROUND PERIMETER OF SITE.
4. NO DISTURBED AREA WILL BE REMAINED FOR MORE THAN 7 CALENDAR DAYS. INSTALL THE NECESSARY TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.
5. ALL CONSTRUCTION TO BE INSPECTED DAILY BY THE CONTRACTOR, AND ANY DAMAGED SILTATION OR EROSION CONTROL DEVICES OR MEASURES WILL BE REPAIRED AT THE CLOSE OF THE DAY.
6. ALL SILT FENCE TO BE MAINTAINED IN WORKING CONDITION.
7. STABILIZED CONSTRUCTION ENTRANCES TO BE PERIODICALLY SUPPLEMENTED WITH ADDITIONAL STONE AS NEEDED.
8. CONTROLS WILL BE REMOVED AFTER THEIR CONTRIBUTING BASINS HAVE BEEN PERMANENTLY STABILIZED.

SILTATION EROSION CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL METHODS 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.
2. ALL DEBRIS IS TO BE REMOVED FROM THE SITE.
3. ALLEY AND/OR STREET SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
4. ALL SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED DAILY BY THE CONTRACTOR. ANY DAMAGED DEVICE OR MEASURE WILL BE REPAIRED OR REPLACED BY THE CLOSE OF DAY OR AS DIRECTED BY THE ARCHITECT.
5. ALL VEHICLES LEAVING THE SITE SHALL EXIT THROUGH THE CONSTRUCTION ENTRANCE ONLY, AND SHALL BE WASHED DOWN TO REMOVE MUD FROM TIRES BEFORE ENTERING THE STREET. CONSTRUCTION ENTRANCE TO BE MAINTAINED IN GOOD WORKING CONDITIONS.
6. ALL CATCH BASINS AND AREA DRAINS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
7. IF ANY CATCH BASIN OR DRAIN BECOMES CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS IMMEDIATE CLEANING.
8. ALL DISTURBED AREAS WITHIN THE LIMIT OF DISTURBANCE BOUNDARY NOT SHOWN TO BE PAVED SHALL BE SEEDED OR SODDED AS PER DC SPECIFICATIONS WITHIN SEVEN DAYS OF DISTURBANCE.
9. WHEN SEDIMENT TRAP/SEDIMENT TANK HAS REACHED 67% CAPACITY, CLEAN OUT OF SAME IS REQUIRED
10. ANY STOCKPILING, REGARDLESS OF LOCATION ON SITE SHALL BE STABILIZED WITHIN 14 DAYS AND CONFINED WITH PLASTIC ON CANVAS, AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT.
11. AFTER RAZE OR DEMOLISH, THERE IS NEED FOR GROUNDCOVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM occurring. SUCH AS SEED, SOD, PAVING, BRICKBACK OR MULCH, ETC.
12. AT THE COMPLETION OF CONSTRUCTION PROJECT AND AFTER THE ARCHITECT APPROVAL, ALL TEMPORARY SILTATION, SEDIMENTATION AND EROSION CONTROL MEASURES AND DEVICES SHALL BE REMOVED AND ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.

Government of the District of Columbia
Environmental Health Administration
Watershed Protection Division
Soil Erosion and Sediment Control Section
Review Sheet

*** PAID ***

Signature [illegible] Fee 2,220.00

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH ADMINISTRATION
WATERSHED PROTECTION DIVISION
SEDIMENT CONTROL APPROVAL

PLAN NUMBER 321-020

REVISED: This approval is for the Grading and Sediment Control Permit. The applicant is required to construct according to all the requirements on these plans. The applicant is responsible for any other permits or approvals that may be required by other District or Federal laws. The issuance of any permit under these laws and the granting of any variances or exceptions to required local ordinances, will not relieve the applicant of responsibility for damages to persons or property caused by any operations conducted under the approved plan, or any violations of the provisions of these laws.

Approved by: [signature] Date: 2-28-01

From: (DC) X2514 Rev

SYMBOLS LIST

①	REFERS TO DRAWING NOTES		EXISTING WALL TO REMAIN
◇ OR	LIGHT FIXTURE - (R)RECESSED)		NEW WALL - (TYPE DESCRIBED)
$	LIGHT SWITCH		EXISTING WALL TO BE REMOVED
	EXIT SIGN (EMERGENCY WHITE)		DOOR SIZE - SEE SCHEDULE
T	THERMOSTAT	(E)	EXISTING (TYPICAL)
SD	SMOKE DETECTOR	(ER)	EXISTING TO RELOCATE (TYPICAL
	RECEPTACLE	(RR)	EXISTING TO REMOVE AND RELOCATE (TYPICAL)
GFI	GROUND FAULT INTERRUPTER	(N)	NEW (TYPICAL)
	REGISTER (MECHANICAL)		FIRE EXTINGUISHER
	DUCTWORK - EXISTING SHOWN DASHED	H	HEAT DETECTOR
	10" VENT & EXHAUST DUCTWORK - EXIST. SHOWN DASHED	G	10" FIRE ALARM GONG MTD. 10' ABV. GRADE
	NEW TO EXISTING CONNECTION		FLASHING LIGHT CONNECTED TO FIRE ALARM SYSTEM WITH BATTERY BACK-UP
A	WALL TYPE SYMBOL	F F	FIRE ALARM PULL STATION 4 GONG
	RADIATOR - (N)NEW& E)EXISTING)	EW	EMERGENCY WHITE
F	FLASHING LIGHT CONNECTED TO EMERGENCY SYSTEM	M	MANUAL PULL STATION FOR ANSUL
FAAP	FIRE ALARM ANNUNCIATOR PANEL		
FACP	FIRE ALARM CONTROL PANEL		

ZONE / CODE ANALYSIS

1. BUILDING USE GROUP:	RESIDENTIAL
2. BUILDING CONSTRUCTION TYPE:	3B
3. HT./ No. OF STORIES:	2-STORY
4. HIGH RISE:	NO
5. COVERED MALL:	NO
6. FULLY SUPPRESSED:	NO
7. TENANT SPACE:	3,171 SQFT. TOTAL
8. EXTERIOR/FIRE SEPARATION WALL:	2-HRS.
9. TENANT SEPARATION WALL:	2-HRS.
10. INTERIOR BEARING PARTION:	1-HR.
11. STRUCTURAL MEMBERS SUPPORTING WALL:	2-HRS.
12. ROOF CONSTRUCTION, BEAMS, TRUSSES FRAMING, AND ROOF DECK:	0-HRS.
13. MAX. EXIST LENGTH:	40 FT.
14. NUMBER OF EXITS:	4
15. LOT:	48
16. SQUARE:	3981
17. PERCENTAGE OF LOT OCCUPANCY:	75 %(634)
18. ZONE:	R-4

DRAWING NOTES

1. PROVIDE ALL NEW OUTLETS, LIGHT FIXTURES AND SWITCHES, REFER TO NEW ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
2. PRIME AND PAINT ALL INTERIOR WALLS AND CEILINGS w/ (2) COATS. ALL TRIM, DOORS AND FRAMES ARE TO RECEIVE SEMI-GLOSS PAINT AND ALL OTHER AREAS TO RECEIVE FLAT PAINT, UNLESS OTHERWISE INSTRUCTED.
3. FURNISH AND INSTALL NEW SHELVES AND POLES AS NECESSARY IN EACH CLOSET.
4. FURNISH AND INSTALL NEW CASING, BASE AND MISCELLANEOUS TRIM AS NEEDED THROUGHOUT ENTIRE HOME, INCLUDING AT DOORS AND WINDOWS.
5. FURNISH AND INSTALL NEW 2" PLYWOOD SUBFLOORING AND NEW FLOORING IN ALL AREAS.
6. FURNISH AND INSTALL NEW CERAMIC TILE FLOORING AND AROUND TUB AREA IN BATHROOMS.
7. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS ARE RESPONSIBLE FOR THERE RESPECTIVE PERMITS AND COORDINATION WITH OTHER TRADES. REFER TO PLANS FOR ADDITIONAL INFORMATION.
8. PROVIDE BLOWN-IN TYPE INSULATION INTO WALL CAVITY AT ALL EXTERIOR WALLS.
9. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
10. CONTRACTOR TO VISIT AND INSPECT SITE PRIOR TO SUBMISSION OF BID. ANY QUESTIONS SHOULD BE SUBMITTED IN WRITING AND ADDRESSED PRIOR TO BID SUBMISSION.
11. BUILDING TO BE SPRINKLED AS PER THE DISTRICT OF COLUMBIA'S CODE REGULATIONS.
12. DEMOLISHED WALLS ON EXISTING FLOOR PLANS INDICATE TO BE DEMOLISHED, UNLESS OTHERWISE NOTED.

SOIL EROSION NOTES

1. 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.
2. ALL DEBRIS IS TO BE REMOVED FROM SITE.
3. ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
4. ALL CATCH BASIN AND DRAINS AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
5. IF ANY CATCH BASIN OR DRAINS BECOME CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
6. WHEN SEDIMENT TRAP/SEDIMENT TANK HAS REACHED 67 % CAPACITY, CLEAN OUT OF SAME IS REQUIRED.
7. ANY STOCKPILING, REGARDLESS OF LOCATION SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
8. AFTER RAZE OR DEMOLITION, THERE IS THE NEED FOR GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING. SUCH AS SEED, SOD, PAVE, BRICKBAT OR MULCH, ETC.

SEDIMENT CONTROL APPROVAL

PLAN NUMBER _____

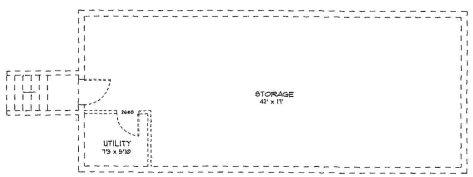
THIS APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY. PERMITTEE/CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURE SHOWN HEREON. HE SHALL NOTIFY THE OFFICE AT NUMBER BELOW AT LEAST 24 HOURS BEFORE START OF PROJECT FOR FINAL INSPECTION.

DATE

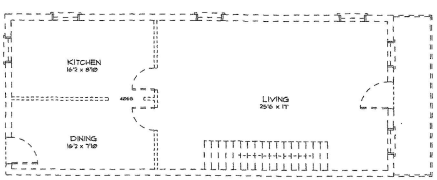
FLOODING AND EROSION CONTROL NUMBER

STRUCTURAL NOTES

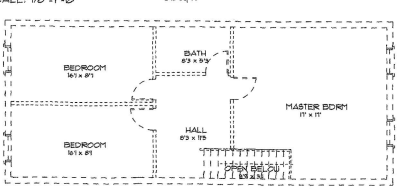
1. The renovation work shall, under no circumstance involve the alteration or modification of any structural members that can alter the structural integrity of the building.
2. Any structural members that have suffered considerable damage are to be replaced with wood members of the same size and type. Proper shoring and bracing shall be used in order to carry out such repairs.
3. The roof structural system shall be inspected and all ruined wood are to be replaced with wood members of the same size and type. Proper shoring and bracing shall be used in order to carry out such repairs.
4. No alterations are to be done to the existing foundation or the existing exterior masonry walls.
5. All work to be done in strict compliance with D.C. Building codes.



EXISTING BASEMENT FLOOR PLAN
SCALE: 1/8"=1'-0" 802 sq ft.



EXISTING FIRST FLOOR PLAN
SCALE: 1/8"=1'-0" 613 sq ft.



EXISTING SECOND FLOOR PLAN
SCALE: 1/8"=1'-0" 756 sq ft.

FINISH SCHEDULE

ROOM	FLOORS: CARPET	CYCLE	CERAMIC	VINYL	HARD WOOD	WALLS: PAINTED	BRICK, PAINT	BRICK, EXP.	T.C. PLUMWALL	CERAMIC	V.C. VINYL	BASE: SHOE MOLD	CERAMIC	CEILING: PAINTED GYP. BD.	ACOUSTIC	EXPOSED	CLG. HEIGHT	REMARKS
BASEMENT: HALL	●					●						●		●	●		8' - 0"	USE GREEN BOARD
BASEMENT: LAUNDRY			●			●								●			8' - 0"	USE GREEN BOARD
BASEMENT: UTILITY ROOM			●			●								●			8' - 0"	USE GREEN BOARD
BASEMENT: FAMILY ROOM-1	●					●								●			8' - 0"	USE GREEN BOARD
BASEMENT: BATH			●			●		●			●			●			8' - 0"	USE GREEN BOARD
BASEMENT: CLOSET	●					●								●			8' - 0"	USE GREEN BOARD
1ST FLOOR: CLOSET				●		●								●			9' - 0"	
1ST FLOOR: LIVING ROOM				●		●						●		●			9' - 0"	
1ST FLOOR: DINING ROOM				●		●						●		●			9' - 0"	
1ST FLOOR: KITCHEN			●			●						●		●			9' - 0"	USE GREEN BOARD
1ST FLOOR: BATHROOM			●			●		●			●			●			8' - 0"	USE GREEN BOARD
1ST FLOOR: FAMILY ROOM-2				●		●						●		●			9' - 0"	
2ND FLOOR: MASTER BEDRM.	●					●						●		●			9' - 0"	
2ND FLOOR: HALLWAY				●		●						●		●			9' - 0"	
2ND FLOOR: BEDROOMS	●					●						●		●			9' - 0"	
2ND FLOOR: MASTER BATH			●			●		●			●			●			9' - 0"	USE GREEN BOARD
2ND FLOOR: BATHROOM			●			●					●			●			9' - 0"	USE GREEN BOARD
2ND FLOOR: CLOSET	●					●						●		●			9' - 0"	

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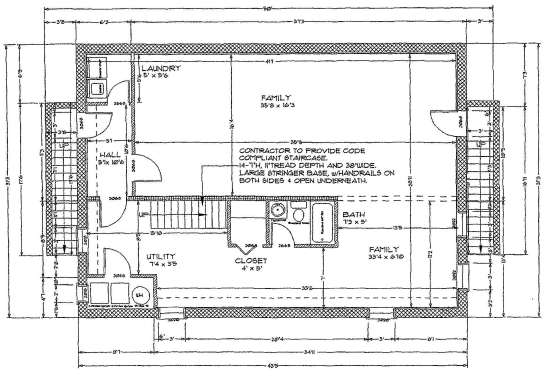
A-1

EXISTING FLOOR PLANS & NOTES

REFERENCE NORTH

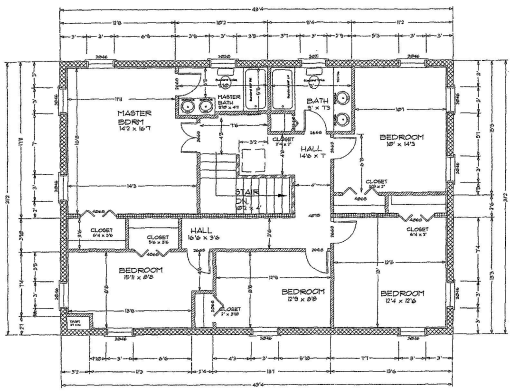
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project no. 12005



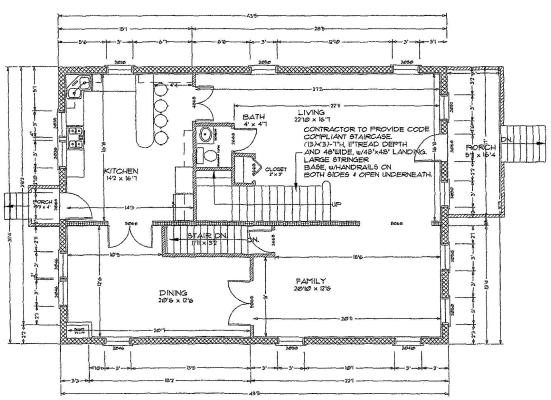
BASEMENT FLOOR PLAN
SCALE: 1/4"-1'-0" 1385 sq ft

REFER TO FINISH SCHEDULE (A-1) AND SHEETS A-3 & A-4 FOR ADDITIONAL INFORMATION.



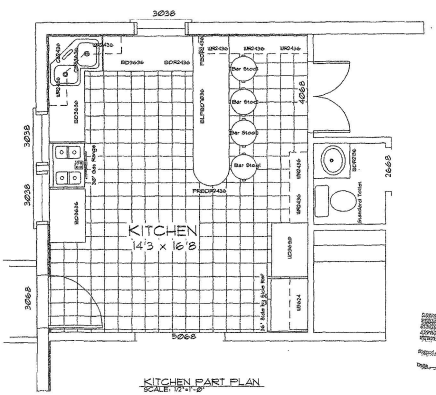
SECOND FLOOR PLAN
SCALE: 1/4"-1'-0" 1254 sq ft

REFER TO FINISH SCHEDULE (A-1) AND SHEETS A-3 & A-4 FOR ADDITIONAL INFORMATION.

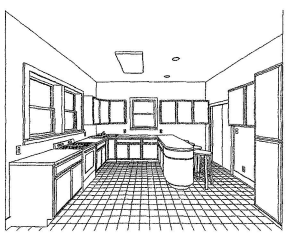


FIRST FLOOR PLAN
SCALE: 1/4"-1'-0" 1326 sq ft

REFER TO FINISH SCHEDULE (A-1) AND SHEETS A-3 & A-4 FOR ADDITIONAL INFORMATION.



KITCHEN PART PLAN
SCALE: 1/2"-1'-0"



KITCHEN PERSPECTIVE PLAN
SCALE: NOT TO SCALE

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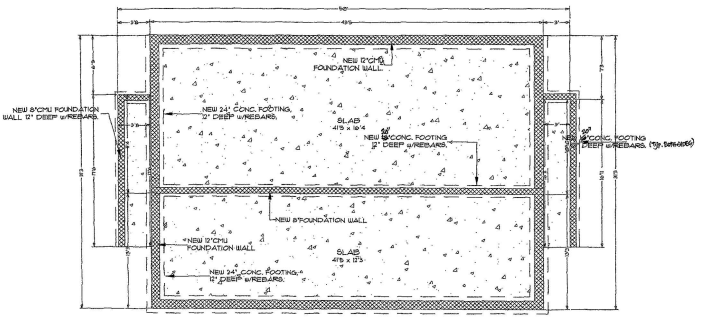
A-2

NEW FLOOR PLANS AND DETAILS

REFERENCE NORTH

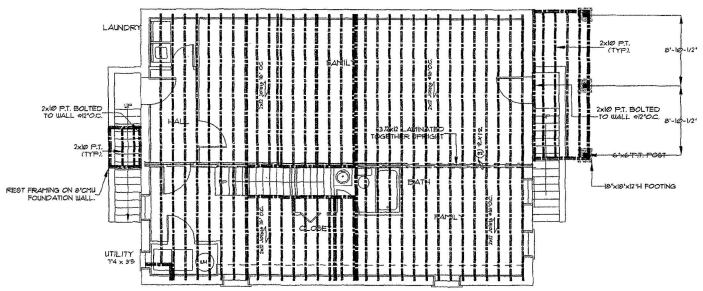
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project no. 200805



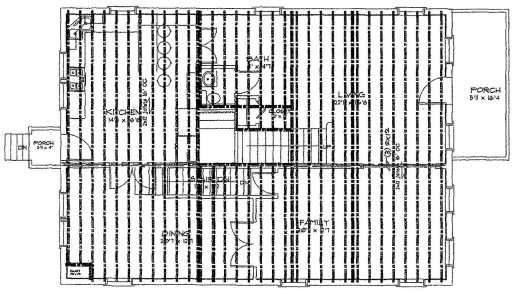
FOUNDATION PLAN
SCALE: 1/4"=1'-0"

REFER TO SHEETS A-2 & A-4 FOR ADDITIONAL INFORMATION.



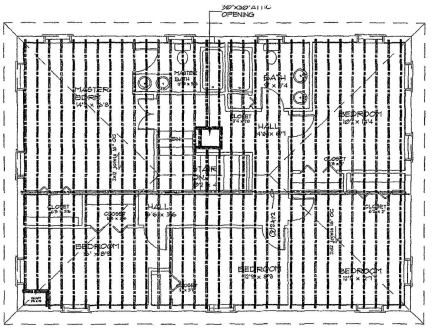
FIRST FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"

REFER TO SHEETS A-2 & A-4 FOR ADDITIONAL INFORMATION.



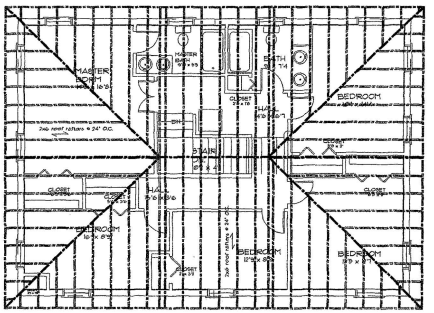
SECOND FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"

REFER TO SHEETS A-2 & A-4 FOR ADDITIONAL INFORMATION.



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

REFER TO SHEETS A-2 & A-4 FOR ADDITIONAL INFORMATION.



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

REFER TO SHEETS A-2 & A-4 FOR ADDITIONAL INFORMATION.

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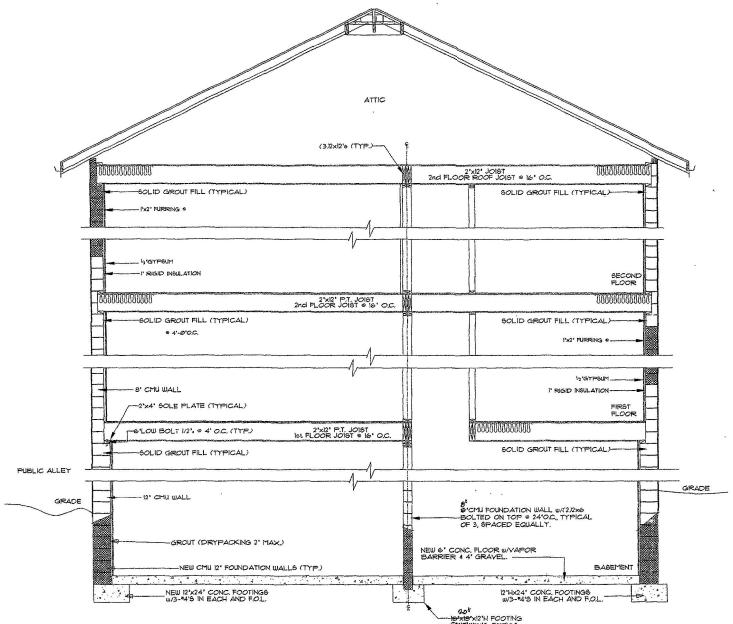
A-3

FRAMING PLANS AND DETAILS

REFERENCE NORTH

AS NOTED

project no. 32020



CROSS SECTION - 1
SCALE: 1/2"=1'-0"

GENERAL NOTES

THESE PLANS ARE DESIGNED TO CONFORM TO THE LASTEST EDITION OF THE BOCCA CODE AT THE TIME THE PLANS WERE DRAWN.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGINNING ANY WORK AND NOTIFY OWNER OF ANY DISCREPANCIES.

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.

IN THE EVENT OF A CONFLICT BETWEEN APPLICABLE CODES AND REGULATIONS AND REFERENCE STANDARDS OF THESE PLANS AND SPECIFICATIONS, THE MORE STRINGENT PROVISIONS SHALL GOVERN.

SPECIFICATIONS AND DRAWINGS INDICATE FINISH STRUCTURE. BUILDER SHALL BE RESPONSIBLE FOR CONSTRUCTION METHODS, PROCEDURES AND CONDITIONS EXCEPT AS SPECIFICALLY INDICATED OTHERWISE IN CONTRACT DOCUMENTS.

DISTRICT OF COLUMBIA
PERMIT INFORMATION SUPPLIED
BUILDING PLANS AS REVISED.
APPROVED SUBJECT TO THE
NOTED ADDITIONS OR CORRECTIONS
Signed
Date

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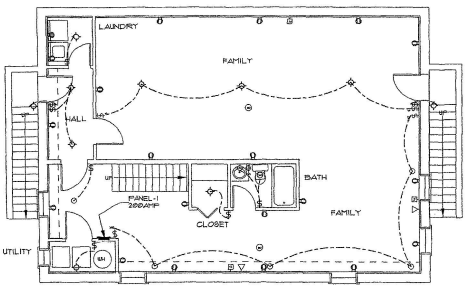
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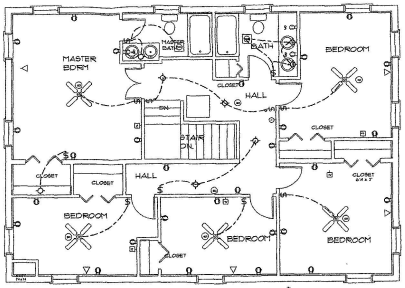
project no. 08005

CROSS SECTIONS & WALL SECTION

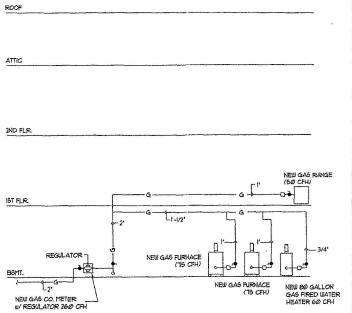
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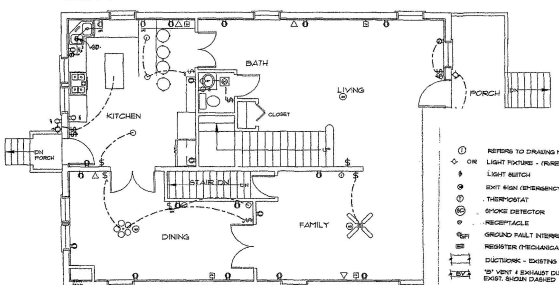
BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"



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



GAS RISER DIAGRAM
NOT TO SCALE



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

SYMBOLS LIST

(1)	REFERS TO DRAWING NOTES		EXISTING WALL TO REMAIN
CH	LIGHT FIXTURE - (FLUORESCENT)		NEW WALL - (TYPE DESCRIBED)
$	LIGHT SWITCH		EXISTING WALL TO BE REMOVED
	EXIT SIGN (EMERGENCY LIGHTS)		DOOR SIZE - SEE SCHEDULE
T	THERMOSTAT	(E)	EXISTING (TYPICAL)
SD	SMOKE DETECTOR	(EXT)	EXISTING TO RELOCATE (TYPICAL)
	RECEPTACLE	(REM)	EXISTING TO REMOVE AND RELOCATE (TYPICAL)
GFI	GROUND FAULT INTERRUPTER	(N)	NEW (TYPICAL)
	REGISTER (MECHANICAL)		FIRE EXTINGUISHER
	DUCTWORK - EXISTING SHOWN DASHED		HEAT DETECTOR
EXT	"EX" VENT + EXHAUST DUCTWORK - EXIST. SHOWN DASHED		18" FIRE ALARM GONG MTD. 18" ABV. GRADE
	NEW TO EXISTING CONNECTION		FLASHING LIGHT CONNECTED TO FIRE ALARM SYSTEM WITH BATTERY BACK-UP
	WALL TYPE SYMBOL		
	RADIATOR - (NASH EXISTING)		FIRE ALARM PULL STATION + GONG
F	FLASHING LIGHT CONNECTED TO EMERGENCY SYSTEM	EM	EMERGENCY LIGHTS
FAAP	FIRE ALARM ANNUNCIATOR PANEL	H	MANUAL PULL STATION FOR ANSUL
FACP	FIRE ALARM CONTROL PANEL		

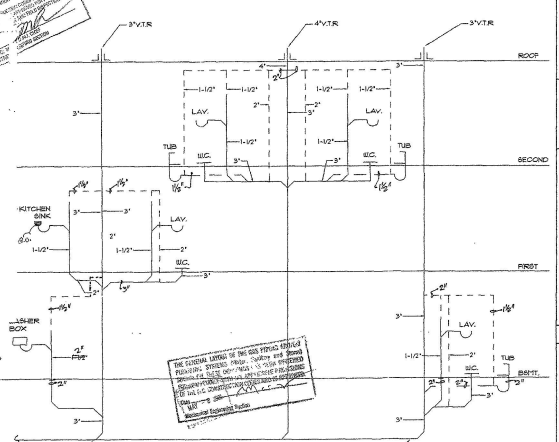
PANEL-1 — FIRST FLOOR PANEL SCHEDULE — 200

CIRCUIT No.	SERVING	CIRCUIT BRKR FRAME	POLE	TRIP	WIRE No.	WIRE SIZE GND.	CONDUIT	CONN. LOAD KW	HP
1, 3	LIGHTING		1	20	12	12	1/2"		
2,4	RECEPTACLES		1	20	12	12	1/2"		
5	SMOKE DETECTORS		1	20	12	12	1/2"		
6	GARBAGE DISPOSAL		1	20	12	12	1/2"		
7	REFRIGERATOR		1	20	12	12	1/2"		
8	KITCHEN RECEPTACLES		1	20	12	12	1/2"		
9	MASTER BDRM/BATH LIGHTS/RECPT.		1	20	12	12	1/2"		
10, 12	GAS FIRED FURNACE - F1		3	30	8	12	1/2"		
11, 13	OUTDOOR CONDENSER CU-1		3	30	8	12	1/2"		
14, 16	LIGHTING / RECEPTACLES		3	20	8	12	1/2"		
15, 17	WATER HEATER - 80 GAL.		3	30	10	12	1/2"		
18, 20	GAS FIRED FURNACE - F2		3	30	10	12	1/2"		
19, 21	LAUNDRY ROOM		3	20	10	12	1/2"		
22,24	OUTDOOR CONDENSER CU-2		3	30	8	12	1/2"		
23	EXTERIOR LIGHTS		1	20	12	12	1/2"		

ELECTRICAL NOTES

1. The contractor shall obtain and include cost of all permits and fees in his proposal.
2. Electrical equipment, material and installation shall conform to all applicable code requirements of the National Electrical Code, NFPA, PEPCO, and local codes and authorities having jurisdiction.
3. Fire alarm system and its components, if required are subject to the review of the D.C. Fire Marshall.
4. Service shall be grounded as required by the National Electrical Code.
5. Connect to the side of all other service switches.
6. All wiring housing is based on copper - TW or THW insulation type THHN - type MC cable may be used where allowed by code - all exterior wiring shall be in conduit (EMT).
7. Provide wiring to APT. load center/panel - refer to meter bank schedule, if required.
8. Contractor shall submit four copies of shop drawings to construction management for approval prior to purchase (panel boards, risers, stacks, disconnect switches, lighting fixtures, F.A. equipment).
9. All electrical work to be executed in accordance with the National and DC Electrical Code.
10. Provide 200 AMP electrical service. Coordinate with PEPCO for meter location.

NOTE: ALL ELECTRICAL FIXTURES TO BE SELECTED BY OWNER.



SANITARY SEWER RISER DIAGRAM
SCALE: NONE

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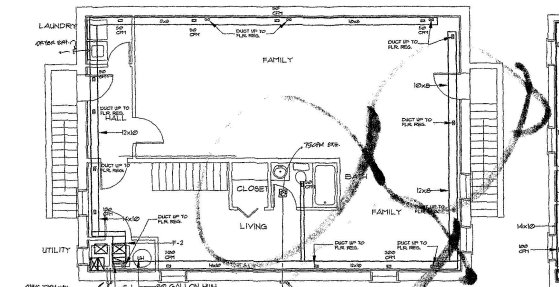
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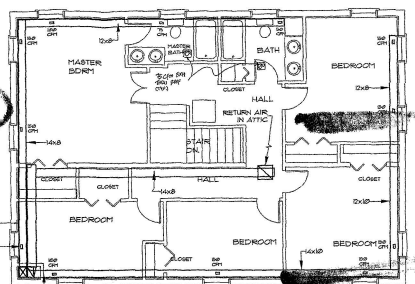
project no. 20029

ELECTRICAL FLOOR PLANS AND RISER DIAGRAMS

REFERENCE NORTH AS NOTED

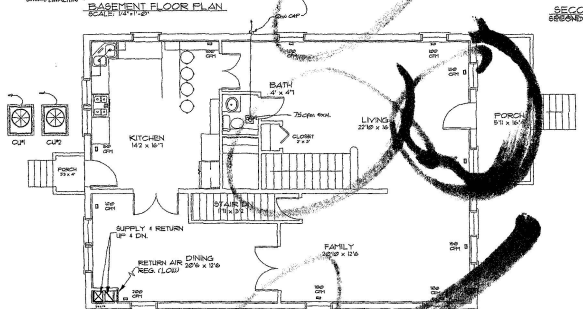


BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"



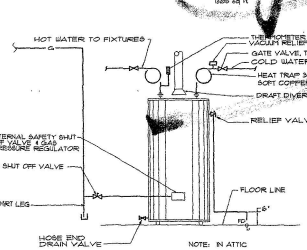
SECOND FLOOR PLAN
SECOND FLOOR LIVING AREA
1294 sq. ft.

ALL DUCT SHOWN ON THIS LEVEL TO RUN IN ATTIC SPACE. INSULATE w/R2" DUCT INSULATION.



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

LIVING AREA
1605 sq. ft.



GAS WATER HEATER
N.T.S.

PLUMBING / MECHANICAL NOTES

1. Provide properly sized gas supply line to new gas fired equipment after installation. Test to meet requirements of all applicable codes.
2. Remove any abandoned gas service to equipment and cap off as necessary.
3. Remove abandoned boiler and plug masonry openings in existing chimney, if not to be reused.
4. Provide all necessary hot and cold water service to guy greg box for clothes washer.
5. Vent the clothes dryer to the exterior in a neat workman like manner, and provide a louver.
6. Coordinated as necessary with Washington Gas Company for re-use of existing gas meter.
7. Secure and pay for all permits required to accomplish the plumbing work.
8. Use Roto-Rooter service to thoroughly clean all lines including the drain lines from each individual bathroom and kitchen. Clean-out at the exterior of the building as per code.
9. Install shut-off valves on water supply lines to every fixture. After shut-off valves are installed cap any remaining water lines and air test all water lines to 100 PSIG pressure.
10. Provide required connection and/or fittings in vent stack in kitchen for kitchen sink disposal.
11. Replace all sinks and water closets in all bathrooms complete with new, including faucets ETC.
12. Install new gaskets in all waste and overflow lines in all tubs. Replace any damaged fittings. Tubs are to be replaced as necessary only.
13. Furnish and install all service and drain lines to new kitchen.
14. Remove any exposed, unused or abandoned pipe.
15. At conclusion leave all plumbing work in a satisfactory condition.
16. Gas piping based on 1/2" PSIG gas, 3" max. P.D., 100 ft. equiv. length.

PLUMBING NOTES

1. ALL 4" SANITARY PIPING AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT. ALL 3" SANITARY AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT.
2. ALL WATER AND VENT PIPING SHALL BE INSTALLED ABOVE FLOOR SLABS, UNLESS OTHERWISE NOTED.
3. ALL VENT PIPING SHALL BE PITCHED FOR DRAINAGE @ 1/8" PER FOOT MINIMUM.
4. ALL EQUIPMENT PHYSICAL DIMENSIONS SHOW ON PLUMBING DRAWINGS ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL EQUIPMENT DIMENSIONS IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS AND COORDINATION WITH OTHER TRADES.
5. THE CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO INSTALLATION OF PLUMBING WORK.
6. THE CONTRACTOR SHALL PROVIDE AND COORDINATE ALL PLUMBING CONNECTIONS BETWEEN DEVICES AND EQUIPMENT, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. ALL PIPING SHALL BE SUPPORTED IN SUCH MANNER AS TO ELIMINATE SWAY AND VIBRATION.
8. CONTRACTOR TO PROVIDE NEW 1" COPPER WATER SERVICE. COORDINATE WITH THE DISTRICT FOR AVAILABILITY.
9. CONTRACTOR TO PROVIDE NEW GAS CONNECTION TO ALL APPLIANCES AND EQUIPMENT. WORK TO BE AS PER GOVERNING CODES.
10. CONTRACTOR TO PROVIDE NEW 4" CLEAN-OUT, AT EXTERIOR OF BUILDING.

MECHANICAL EQUIPMENT

1A. GAS FIRED 90 PLUS HIGH EFFICIENCY UPFLOW FURNACE (4 ft). INDOOR HEATING & COOLING UNIT
- A. Gas fired upflow furnace (RHEEM Model RGRA-B[blank]M GAS FIRED FURNACE or approved equal). Input BTUH 78,000 BTUH. Direct Drive motor HP-1/2. Air flow 1,550 CFM @ .2" external static pressure (+/- 10%) + HIGH-SPEED, 95.8% EFFICIENCY.
- B. Direct expansion coil section (RHEEM Model RCGA-[blank]36 INDOOR COIL SECTION or approved equal).
- C. Provide slotted discharge plenum (with flexible connection at unit) and extend up to connect to new supply ductwork. Provide volume dampers at all horizontal duct connections.
- D. Provide and install heating/cooling thermostats, location as shown on plans.

2A. CU-1 & CU-2: HIGH EFFICIENCY CONDENSING UNIT, OUTDOOR UNIT
- A. Condensing Unit (RHEEM Model RUHA-[blank]24JA2 or approved equal). Total BTUH 39,500. Reliable BTUH 29,600 Unit to be compatible with indoor coil section.

3. Contractor shall be responsible for coordination of all heating/air conditioning components for compatibility of insulation and operation.
4. Run and insulate refrigerant piping as per manufacturer's recommendations. Coordinate location of piping with field conditions.
5. Contractor to size and run all flues as per code.
6. Inspect, refurbish and replace as necessary all existing supply ductwork and registers with similar sizes. Coordinate with owner, architect and construction manager.
7. Mechanical contractor shall be responsible for coordination with construction manager, all other trades, as well as coordinating electrical requirements for mechanical equipment.
8. It shall be the contractor's responsibility to verify existing conditions before commencing work and to notify owner/construction manager if a condition exists which prevents the contractor from accomplishing the intent of the drawings.
9. Mechanical contractor shall verify existing ductwork conditions at job site.
10. All work and materials shall be installed in accordance with all codes and authorities having jurisdiction.
11. The contractor shall make all arrangements and pay for all fees, charges and permits required, as well as for all hauling, rigging and transportation charges.
12. Upon completion of installation, the entire heating and air conditioning and ventilating systems and controls shall be carefully balanced and checked for proper operation.
13. All work and equipment shall be thoroughly cleaned and ready for use of the owner before final inspection and approval by the owner or his representative.
14. Contractor shall be responsible and pay for any damages caused by or resulting from defects in his work.
15. Physical dimensions as well as mechanical and electrical capacities of submitted units shall match that of specified units. Mechanical contractor is responsible for all costs due to changes required for substituted unit.
16. Contractor to provide and install all control wiring.



ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

NEW HVAC PLANS, DETAILS AND NOTES

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