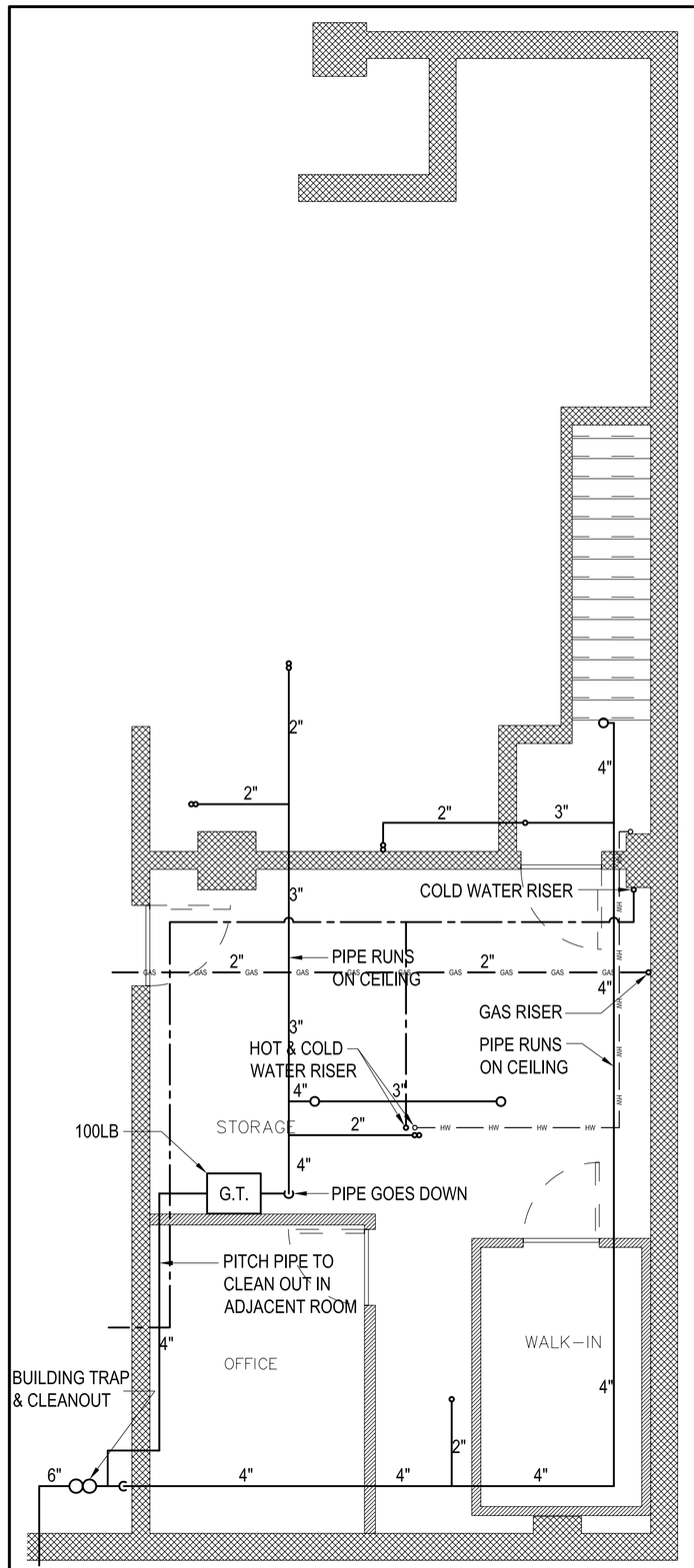
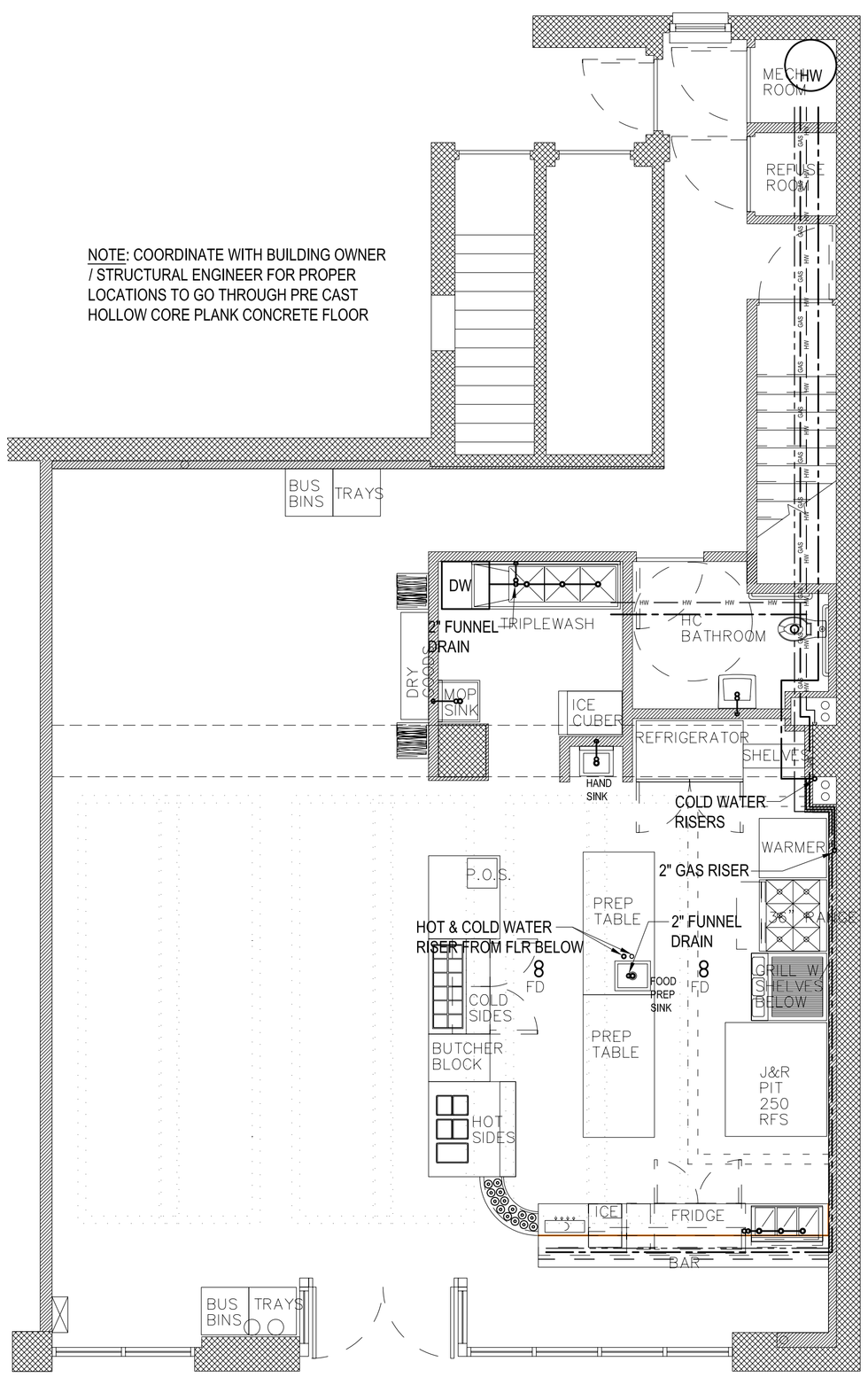


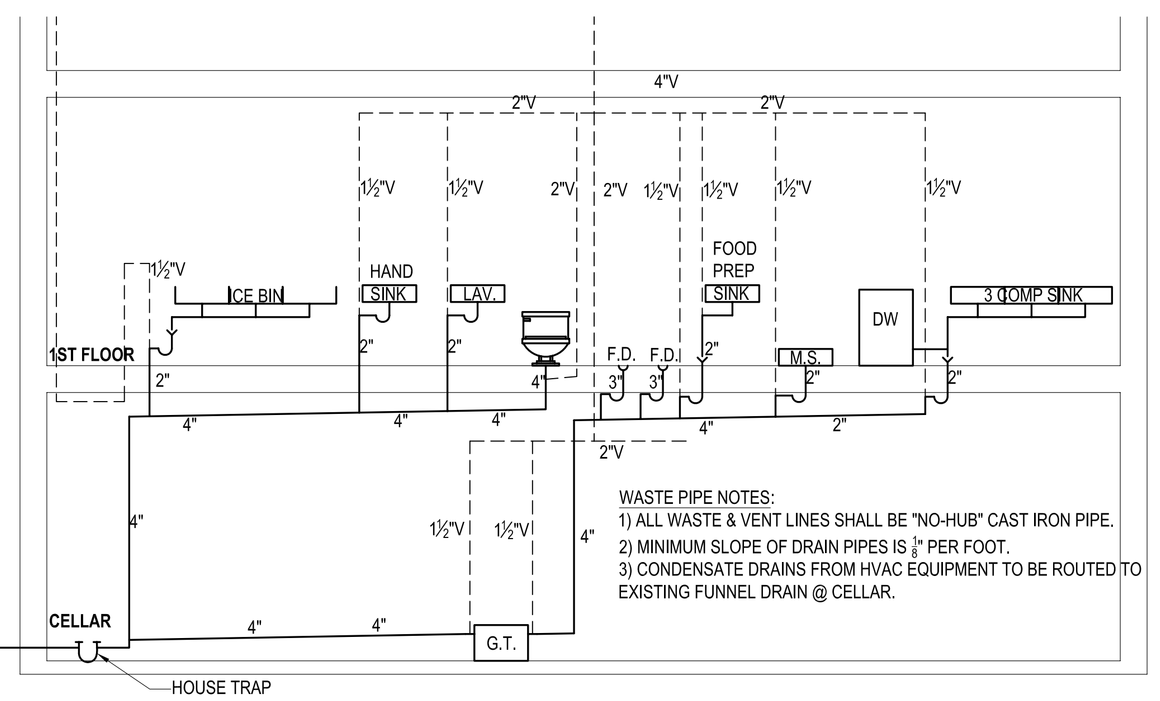
1 PROPOSED CELLAR PLUMBING PLAN

1/4" = 1'-0"



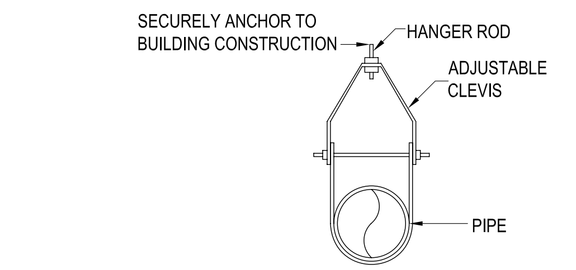
2 PROPOSED 1ST FLOOR PLUMBING PLAN

1/4" = 1'-0"



3 PROPOSED SANITARY RISER DIAGRAM

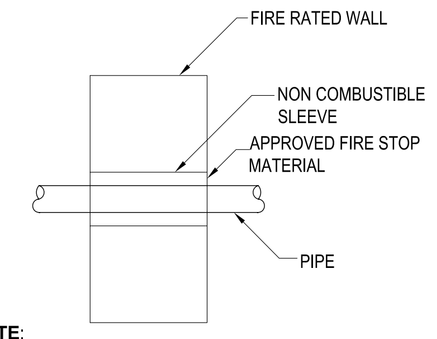
NTS



NOTE:
POSITION OF HANGERS NOT SHOWN ON DRAWING. ALL PIPES MUST BE ADEQUATELY SUPPORTED AS PER CHAPTER 9 OF 2008 CODE.

6 PIPE HANGING DETAIL

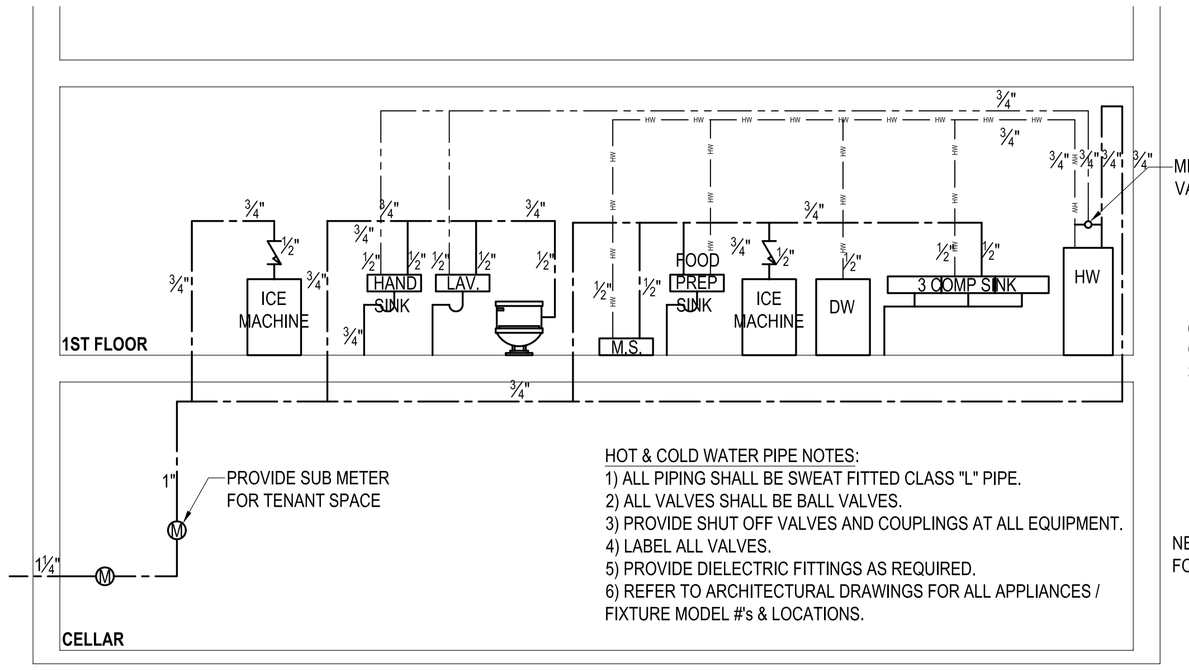
NTS



NOTE:
1) FIRE STOPPING IS REQUIRED EVERY TIME ANY PIPE PASSES THROUGH A FIRE RATED PARTITION. REFER TO BC 712 OF 2008 CODE.

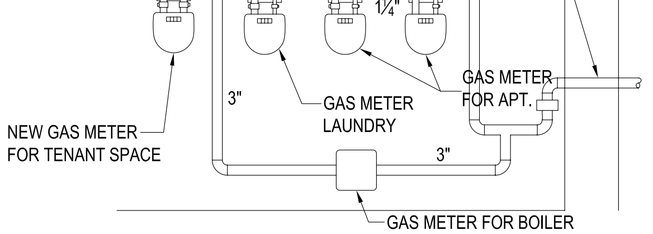
7 FIRE STOPPING DETAIL

NTS



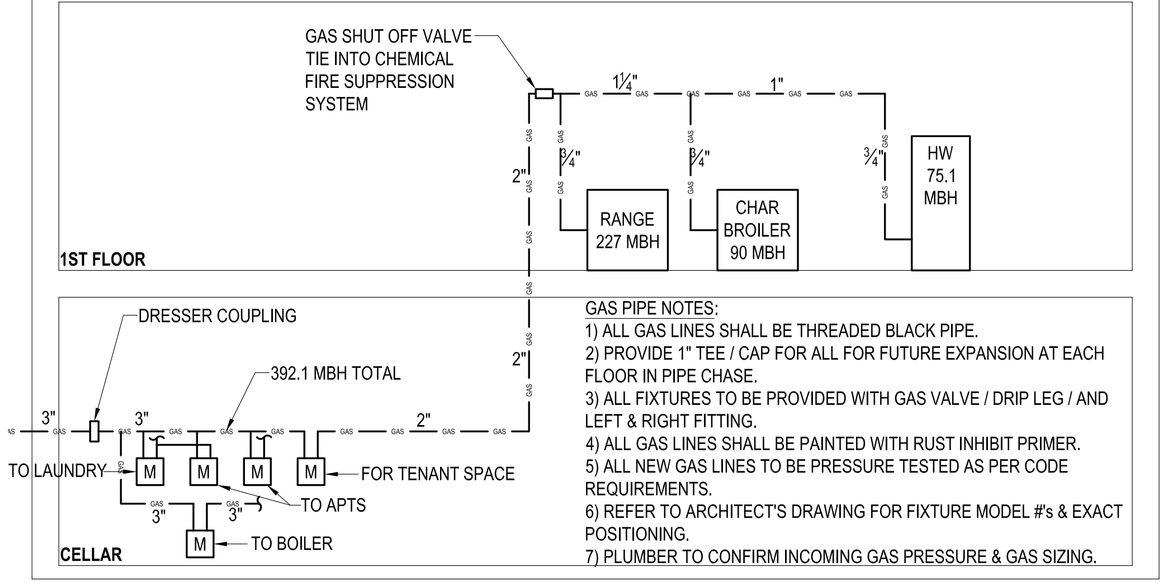
4 PROPOSED HOT & COLD WATER RISER DIAGRAM

NTS



8 NEW METER @ GAS METER ROOM

NTS



5 PROPOSED GAS RISER DIAGRAM

NTS

EQUIPMENT SCHEDULE

LOCATION	TYPE	QTY.	MFG.	MODEL	GAS INPUT (BTU/HR)	COMMENTS	CONTACTS
REFUSE	WATER HEATER	1	RHEEM	GPDV75-75	75,100		
CELLAR STORAGE	GREASE TRAP	1	ZURN	GT-2700-50	N/A	100LB	
CELLAR STORAGE	FLOW CONTROL	1	ZURN	Z1108	N/A		
REFUSE	MIXING VALVE	1	TACO	5000 SERIES	N/A		

FLOW CONTROL ORIFICE SIZE

GREASE TRAP SIZE / LBS	TRAP FLOW RATE / GPM	STANDARD SIZE ORIFICE / INCHES
100	50	2-¾

LEGEND

	WASTE LINE
	PLUMBING VENT
	COLD WATER LINE
HW	HOT WATER LINE (180°F)
	TEMPERED WATER LINE (120°F)
GAS	GAS LINE
FD	FLOOR DRAIN
G.T.	GREASE TRAP
LAV.	LAVATORY
DW	DISH WASHER
M.S.	MOP SINK

Grease Trap Sizing 433 3rd Ave. Brooklyn, NY (BBQ Billy's)

Item Description	L inches	W inches	H inches	Volume inches^3	Volume Gallons	Storage capacity Volume X .9	Flow rate gpm= storage/2.5	Min Retention Capacity LBS= GPM X 2	DEP title 15 section 19-11 Table I (or II for dishwasher)
3 Comp. Sink	18	18	16	5184	22.4	20.2	8.1	16	20
3 Comp. Sink	18	18	16	5184	22.4	20.2	8.1	16	20
3 Comp. Sink	18	18	16	5184	22.4	20.2	8.1	16	20
2" funnel drain				(3 F.U.)			1.5	3	8
3" floor drain				(3 F.U.)			1.5	3	8
3" floor drain				(3 F.U.)			1.5	3	8
Mop sink	18	18	12	3888	16.8	15.1	6.1	12	8
Dishwasher								8	8
							Total Capacity LBS	78	100
								100 LBS installed (OK)	

Notes: Grease trap sized as per calculated value or DEP table (most conservative calculation used)

DRAWING TITLE: PLUMBING PLAN

CLIENT: FLETCHERS

SITE ADDRESS: 433 3RD AVENUE BROOKLYN NY 11215

Advanced
Professional Engineering, P.C.
21 Dunham Place Brooklyn, NY 11211
(718) 387-7527

NOT FOR CONSTRUCTION
DWG FOR CONTRACTOR
BID & LANDLORD REVIEW

DATE: 3/8/2012
DRAWING BY: J.P
CHK BY: B.L.M
DWG. NO: P-001.00
REV:
SHEET: 3 OF 5