Plan Check # Date: 8/20/2015 Reviewed B	y: John D.	ayyaran noon ya kan basan oo ka nagaan ah ii a saadaa ah a			
Location: Portland, ME. Project: Portland,	ME. Retirement	Residence			
COLD WATER SIZING					
Water Meter Size: 3					
Total Fixture Units: 981 Total Equal GPM:	190				
Total distance from water meter to most remote plumbing fixture:	900				
Total rise for head loss ft. 42 0.43	***************************************	18.06 PSI			
PSI required for water closet/urinal (Table 604.3 flow pressure column	1 PSI)	20 PSI			
PSI Flow Thru water meter (chart A-1)		g PSI			
PSI flow loss through backflow preventer (RP = 12.0 PSI, DC = 12 PS	1)	12 PSI			
PSI flow loss thru water softener	Accounted.	10 PSI			
Total system loss	Applications Applications	69.06 PSI			
MINIMUM PSI available @ job site	68	2003 Test indicates 68			
Total system loss in PSI	69.06	DCI also we above a state			
Remaining PSI available	-1.06	from job site.			
Booster Pump PSI	50				
Total remaining PSI available	48.94				
PSI available: 48.94 / 900 total feet = 0.054	100	5.438 PSI/100 ft.			
Use Line: 5 On Chart: E103.3(3)					

1000

2 1/2"

1 1/2"

1 1/4"

Copper

Copper

Copper

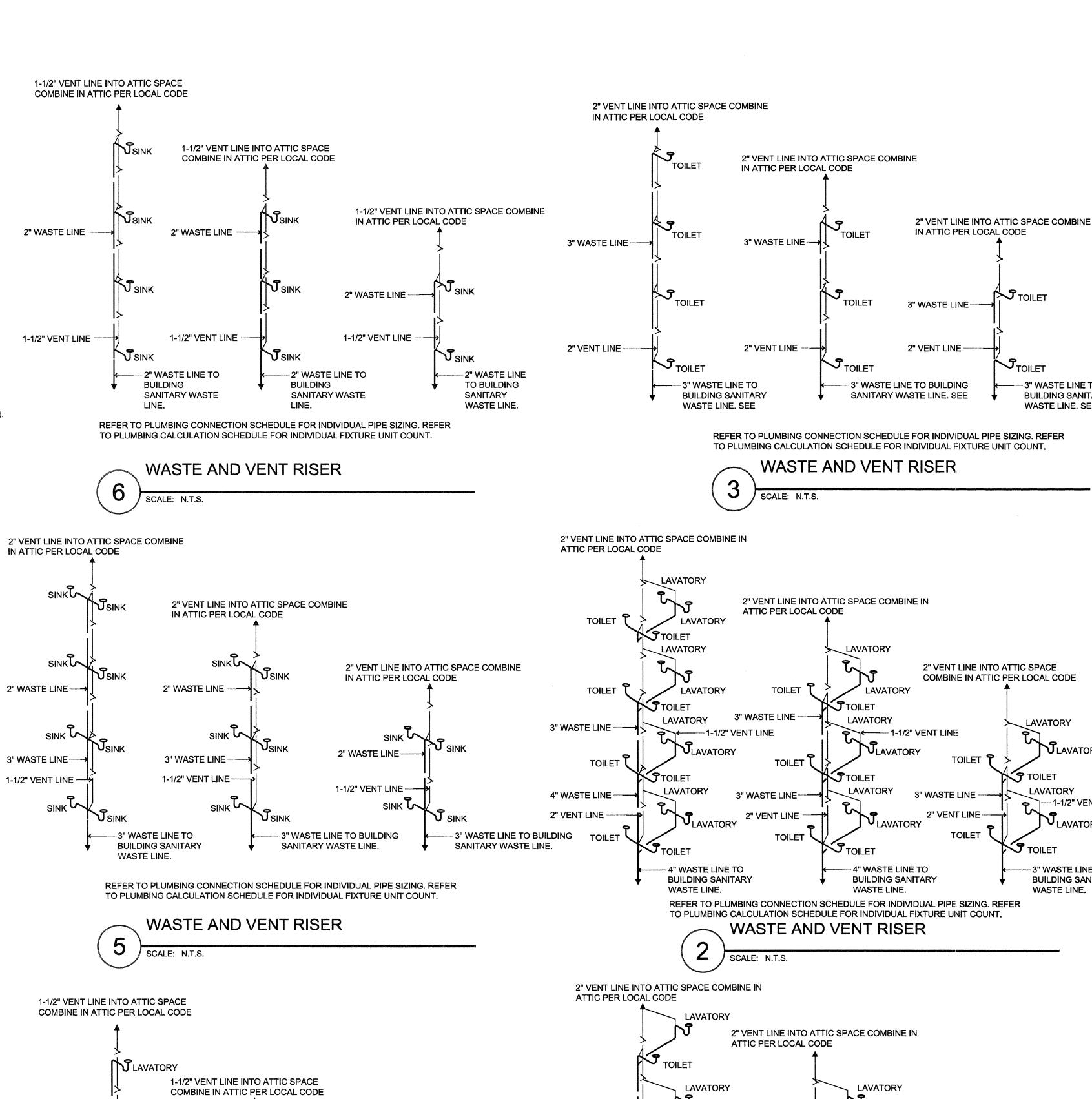
Total Fixture Units:	475	Total Equal	GPM:	115		
Total distance from water me	eter to most rem	note plumbing fixt	ure:	900		
Total rise for head loss ft	42	0.43		www.	18.06	PSI
PSI required for largest press	sure drop plumb	oing fixture(showe	r)	and the second s	20	PSI
PSI Flow Thru water meter (Sensus 3" mete	t)	derek deprocesyda optisk i set i de sentişk nept de keles kerende di dir.	hindeleteleteleteleteleteleteleteleteletele	<u></u>	PSI
PSI flow loss through backflo	ow preventer	adalaranya da sana da s		processing and the contract of	12	PSI
PSI flow loss thru water soft	ener		•	wine	10	PSI
Total system loss	a distribution (un quadrical distribution de servicio de la completició de servicio de la completició de la co			Teams	69.06	PSI
MINIMUM PSI available @ jo	ob site	Alexandria de la compania de la comp	10-11 to 10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	68		
Total system loss in PSI		angga ka Maramba a rokaga angka pangka pangka pangka pangka pangka palam panama da pamanangka panama panama pa	(nadaratamplaspa), Nadaratam plaspa	69.06		
Remaining PSI available	***************************************	DCL110-4464802479.007553-95148309484444.004809-304409-304409-30440	***************************************	-1.06		
Booster Pump PSI			romana and a trick to the control of the control o	50		
Total remaining PSI available	inino mano manama m	artin essantiningan kanadan libansan kanadan libas sakada kanadan saka	MENTAL BANKAN TOWNE	48.94		
PSI available: 48.94	/ 900	0total feet =	0.054	100	5.438	_PSI/100 ft.
Use Line: 5 Or	n Chart: Chart A	4-4				

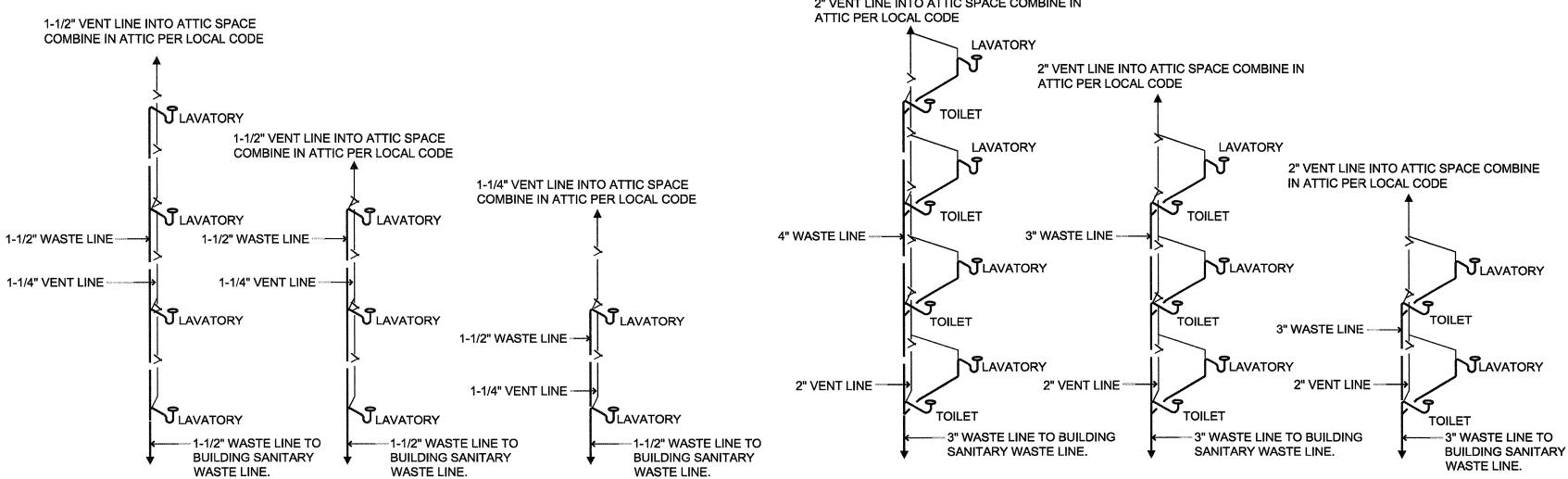
Pipe Size	Material	GPM	FTFU
4"	Copper	300	1,750
3"	Copper	200	1000
2 1/2"	Copper	150	550
2"	Copper	80	275
1 1/2"	Copper	38	80
1 1/4"	Copper	20	25
1"	Copper	12	8
3/4"	Copper	8	4
1/2"	Copper	2	1

1-1/2" VENT LINE INTO ATTIC SPACE COMBINE IN ATTIC PER LOCAL CODE Ç₱BATH/SHOWER OR SHOWER 1-1/2" VENT LINE INTO ATTIC SPACE COMBINE IN ATTIC PER LOCAL CODE 1-1/2" VENT LINE INTO ATTIC SPACE COMBINE IN ATTIC PER LOCAL CODE PBATH/SHOWER OR SHOWER BATH/SHOWER OR SHOWER 2" WASTE LINE -2" WASTE LINE BATH/SHOWER OR SHOWER →BATH/SHOWER OR SHOWER BATH/SHOWER OR SHOWER 2" WASTE LINE -1-1/2" VENT LINE-1-1/2" VENT LINE -1-1/2" VENT LINE -T BATH/SHOWER OR SHOWER TBATH/SHOWER OR SHOWER BATH/SHOWER OR SHOWER 2" WASTE LINE. ~ 2" WASTE LINE TO 2" WASTE LINE TO 2" WASTE LINE TO **BUILDING SANITARY** PROVIDE SUDS **BUILDING SANITARY BUILDING SANITARY** WASTE LINE. RELIEF FOR WASTE LINE. WASTE LINE. LAUNDRY ROOMS.

> REFER TO PLUMBING CONNECTION SCHEDULE FOR INDIVIDUAL PIPE SIZING. REFER TO PLUMBING CALCULATION SCHEDULE FOR INDIVIDUAL FIXTURE UNIT COUNT.

WASTE AND VENT RISER SCALE: N.T.S.





REFER TO PLUMBING CONNECTION SCHEDULE FOR INDIVIDUAL PIPE SIZING. REFER

TO PLUMBING CALCULATION SCHEDULE FOR INDIVIDUAL FIXTURE UNIT COUNT.

WASTE AND VENT RISER

SCALE: N.T.S.

REFER TO PLUMBING CONNECTION SCHEDULE FOR INDIVIDUAL PIPE SIZING. REFER TO PLUMBING CALCULATION SCHEDULE FOR INDIVIDUAL FIXTURE UNIT COUNT.

WASTE AND VENT RISER SCALE: N.T.S.

8/28/2015 REVISED DATE

TOILET

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-3" WASTE LINE TO

WASTE LINE. SEE

LAVATORY

LAVATORY

TOILET

TOILET

ULAVATORY

-1-1/2" VENT LINE

LAVATORY

3" WASTE LINE TO

WASTE LINE.

BUILDING SANITARY

BUILDING SANITARY

COLSON AND COLSON VERAL CONTRACTOR, IN

SIDENCE

JOF MEN

ETIR

SHEET

<u>/1\ 9/22/2015</u>

PLUMBING