



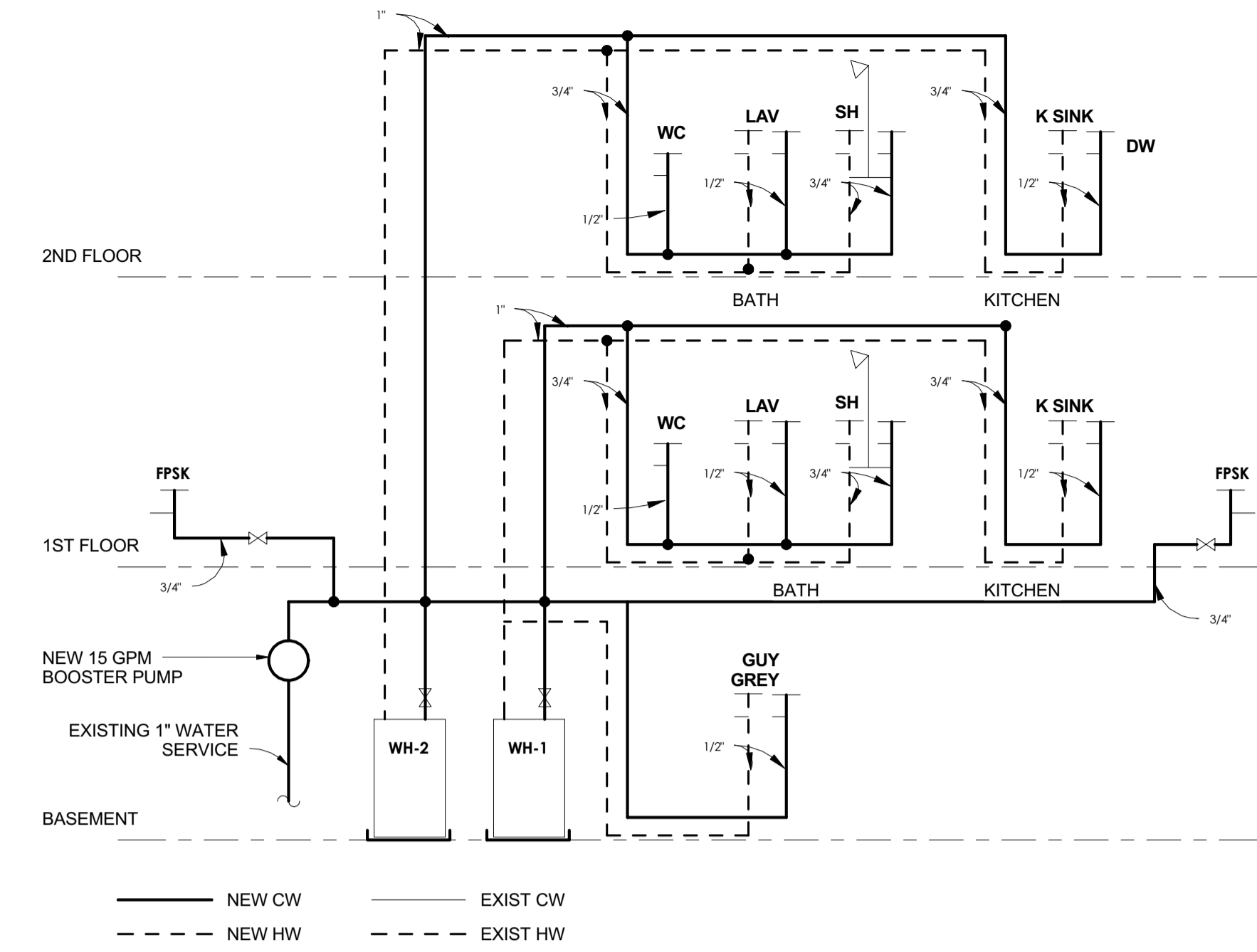
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**PLUMBING NOTES**

- ALL WORK PERFORMED BY PLUMBING CONTRACTOR SHALL COMPLY WITH ALL MUNICIPAL, STATE OF ILLINOIS, AND ALL OTHER CODES THAT APPLY TO THIS PROJECT.
- THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE AND FULLY OPERATING SYSTEM FOR THE SOIL, WASTE, VENT, SEWER, AND DOMESTIC COLD WATER SERVICES. THE CONTRACTOR SHALL EXTEND THESE SERVICES TO ALL OTHER FIXTURES SHOWN ON THE DRAWINGS AND PROVIDE ALL CONNECTORS, UNIONS AND TRAPS REQUIRED FOR FINAL CONNECTION TO ALL EQUIPMENT, WHETHER FURNISHED IN THE PLUMBING WORK OR SUPPLIED BY OTHER TRADES.
- PLUMBING CONTRACTOR MUST BE LICENSED AS REQUIRED BY THE STATE OF ILLINOIS.
- SITE CONDITIONS ARE PART OF THIS CONTRACT. PLUMBING CONTRACTOR IS RESPONSIBLE TO CHECK AND VERIFY DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE PRIOR TO PROCEEDING HIS WORK.
- PLUMBING CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE OF ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION ACCEPTANCE.
- ALL DRAINAGE PIPING, INCLUDING WASTE, VENT, AND STORM, SHALL BE PVC WITH PROPER CONNECTIONS. ALL ABOVE GROUND WATER PIPING SHALL BE TYPE 'L' COPPER.

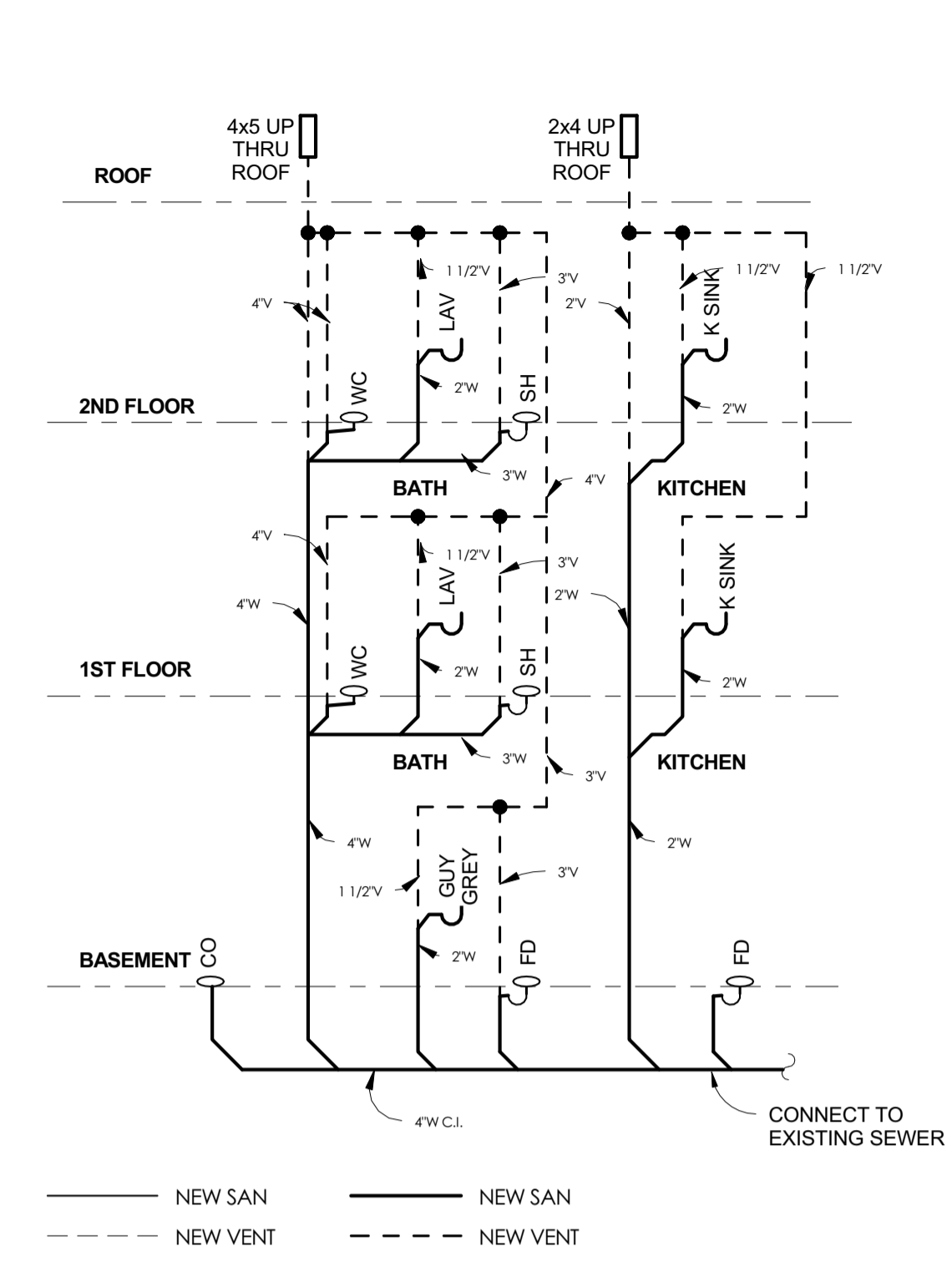
**PLUMBING NOTES**

- WASTE LINES TO ALL WATER CLOSETS MUST BE 4" MIN. DIAMETER.
- ENTIRE INSTALLATION SHALL BE IN A FIRST CLASS WORKMANSHIP LIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCES, AND PRESERVE HEADROOM. ALL WORK MUST BE PLANNED AND PERFORMED IN SUCH A MANNER AS NOT TO INTERFERE WITH COMPLETION OF ANY OTHER WORK ON THE PREMISES.
- INSTALL AIR CHAMBERS TO PREVENT NOISE AND DAMAGE FROM WATER HAMMER.
- PROVIDE AND INSTALL SHUT-OFF VALVES IN THE SUPPLY PIPING FOR EVERY FIXTURE.
- INSTALL CLEAN-OUTS WITH PROPER ACCESS CLEARANCE, AS REQUIRED BY APPLICABLE CODES. ALL CLEAN-OUTS SHALL TERMINATE FLUSH WITH THE FINISH FLOOR OR WALL.
- PROVIDE VACUUM BREAKERS TO PLUMBING FIXTURES AS REQUIRED BY APPLICABLE CODES.
- SLOPE ALL SANITARY LINES 1/4" PER FOOT OR AS SHOWN ON DRAWINGS.



NEW CW      EXIST CW  
NEW HW      EXIST HW

2 PLUMBING SUPPLY DIAGRAM  
1/4" = 1'-0"



NEW SAN      NEW SAN  
NEW VENT      NEW VENT

1 PLUMBING WASTE DIAGRAM  
1/4" = 1'-0"

**HOT WATER HEATER SCHEDULE**

MARK	MANUFACTURER	MODEL NO.	GALLON CAPACITY	FUEL TYPE	EFFICIENCY	BTUH INPUT	COMMENTS
WH-1	A.O. SMITH	XGV-40	40	NAT GAS	80%	40000	
WH-2	A.O. SMITH	XGV-40	40	NAT GAS	80%	40000	

**FURNACE SCHEDULE**

MARK	MFG	MODEL	CFM	BTUH Input	BTUH Output	Motor (Hp)	Motor (Amps)	COMMENTS
F-1	TRANE		800	60000	48000	1/2	1/2	NATURAL GAS, STD EFFICIENCY, UPFLOW FURNACE - HEAT ONLY
F-2	TRANE		800	60000	48000	1/2	1/2	NATURAL GAS, STD EFFICIENCY, UPFLOW FURNACE - HEAT ONLY

NOTE: HEAT ONLY, NO AIR CONDITIONING

**HEAT LOSS CALCULATION**

ROOM NAME	NO	AREA	HEAT LOSS	REQ'D CFM	ACTUAL CFM	HEAT PROVIDED	COMMENTS
1st FLOOR							
LIVING / DINING	101	188 SF	6594	67	200	12000	F-1
BED 2	102	119 SF	4152	50	150	9000	F-1
KITCHEN/ DINING	103	184 SF	6424	66	150	9000	F-1
BED 1	104	96 SF	3376	50	150	9000	F-1
BATH	105	42 SF	1475	50	150	9000	F-1
		629 SF	22021	283	800	48000	
2nd FLOOR							
LIVING / DINING	201	166 SF	5797	59	200	12000	F-2
BED 2	202	109 SF	3822	50	150	9000	F-2
KITCHEN	203	126 SF	4416	50	150	9000	F-2
BED 1	204	87 SF	3038	50	150	9000	F-2
BATH	206	37 SF	1278	50	150	9000	F-2
		524 SF	18351	259	800	48000	
		1153 SF	40371	542	1600	96000	

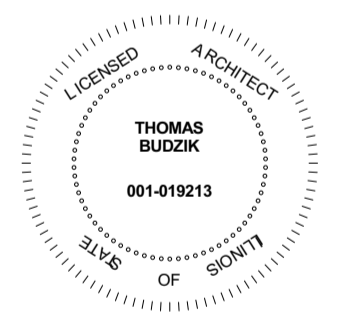
**LIGHT & VENTILATION SCHEDULE**

ROOM NAME	NO	AREA	ORDINANCE REQ'D			ACTUAL			REMARKS
			LIGHT	VENT	EXH.	LIGHT	VENT	EXH.	
BASEMENT									
OPEN BASEMENT (UNFINISHED)	001	710 SF				42.7 SF	18.6 SF		2% OF SF REQUIRED (V14.2)
1st FLOOR									
LIVING / DINING	101	188 SF	15.1 SF	7.5 SF		39.1 SF	17.0 SF		
BED 2	102	119 SF	9.5 SF	4.7 SF		18.4 SF	8.0 SF		
KITCHEN/ DINING	103	184 SF	14.7 SF	7.3 SF		19.3 SF	8.4 SF	180	HD
BED 1	104	96 SF	7.7 SF	3.9 SF		11.5 SF	5.0 SF		
BATH	105	42 SF	3.4 SF	1.7 SF	86	11.5 SF	5.0 SF	110	EF
2nd FLOOR									
LIVING / DINING	201	166 SF	13.3 SF	6.6 SF		27.6 SF	12.0 SF		
BED 2	202	109 SF	8.7 SF	4.4 SF		11.5 SF	5.0 SF		
KITCHEN	203	126 SF	0.0 SF	0.0 SF		0.0 SF	0.0 SF	180	HD
BED 1	204	87 SF	6.9 SF	3.5 SF		11.5 SF	5.0 SF		
BATH	206	37 SF	2.9 SF	1.5 SF	86	0.0 SF	0.0 SF	110	EF

MAKE	EXISTING	NEW	REPLACE	WSFU	WSFU TOTAL
WC (TANK)	0	0	2	3	6
LAV	0	0	2	1	2
TUB	0	0	2	2	4
K-SINK	0	0	2	2	4
WASHER	0	1	0	2	2
					18

- WC (WATER CLOSET)**  
AMERICAN STANDARD CARET 3 WITH MATCHING SOLID PLASTIC SEAT, COVER, AND SELF-SUSTAINING CHOCK HINGE
- LAV (LAVATORY)**  
24" WIDE WHITE PORCELAIN VANITY TOP  
DELTA CLASSIC 4" CENTER SET SINGLE HANDLE BATHROOM FAUCET.
- TUB**  
AMERICAN STANDARD CAMBRIDGE 5 FT.  
AMERICAN STANDARD BATHTUB IN WHITE (VERIFY DRAIN LOCATION IN FIELD)  
DELTA FOUNDATIONS SINGLE HANDLE TUB AND SHOWER FAUCET COMBO.
- K-SINK**  
MOEN 220 SERIES DROP-IN STAINLESS STEEL 33IN 3-HOLE DOUBLE BOWL SINK.  
MOEN CHATEAU SINGLE LEVER HANDLE KITCHEN FAUCET WITH SIDE SPRAY IN DECK PLATE.

3 PLUMBING FIXTURE SCHEDULE  
1/4" = 1'-0"



No.	Description	Date
1	ISSUED FOR PERMIT	10/22/14

Project Name and Address

**BNS PROPERTIES, LLC  
INTERIOR ALTS AND ADD.  
TO EXST. MULTI-UNIT RES**  
  
**4112 W POTOMAC  
CHICAGO, IL 60651**

Project No. 14084

Description MECHANICAL NOTES / SCHEDULES

Sheet **M-2**

