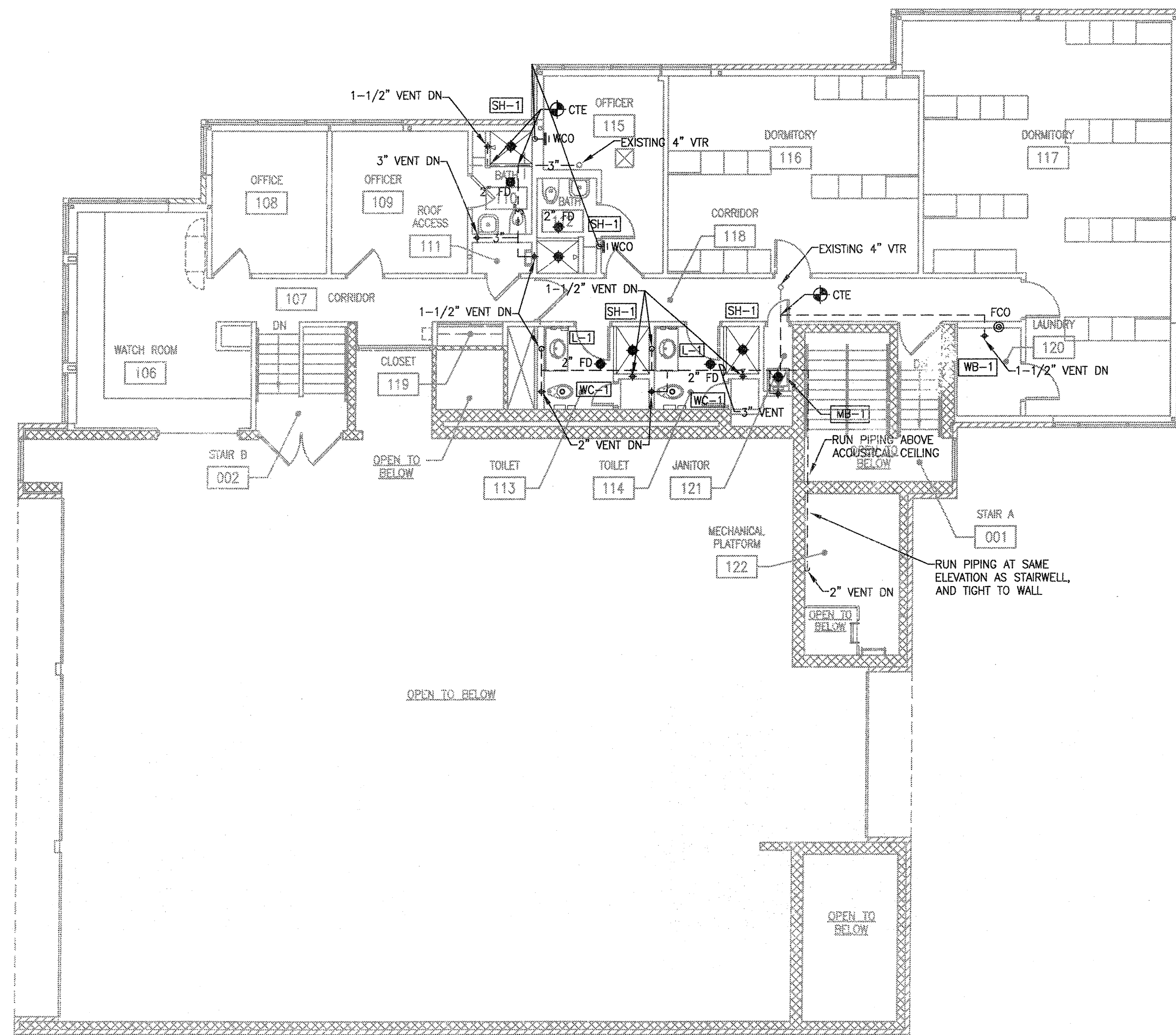
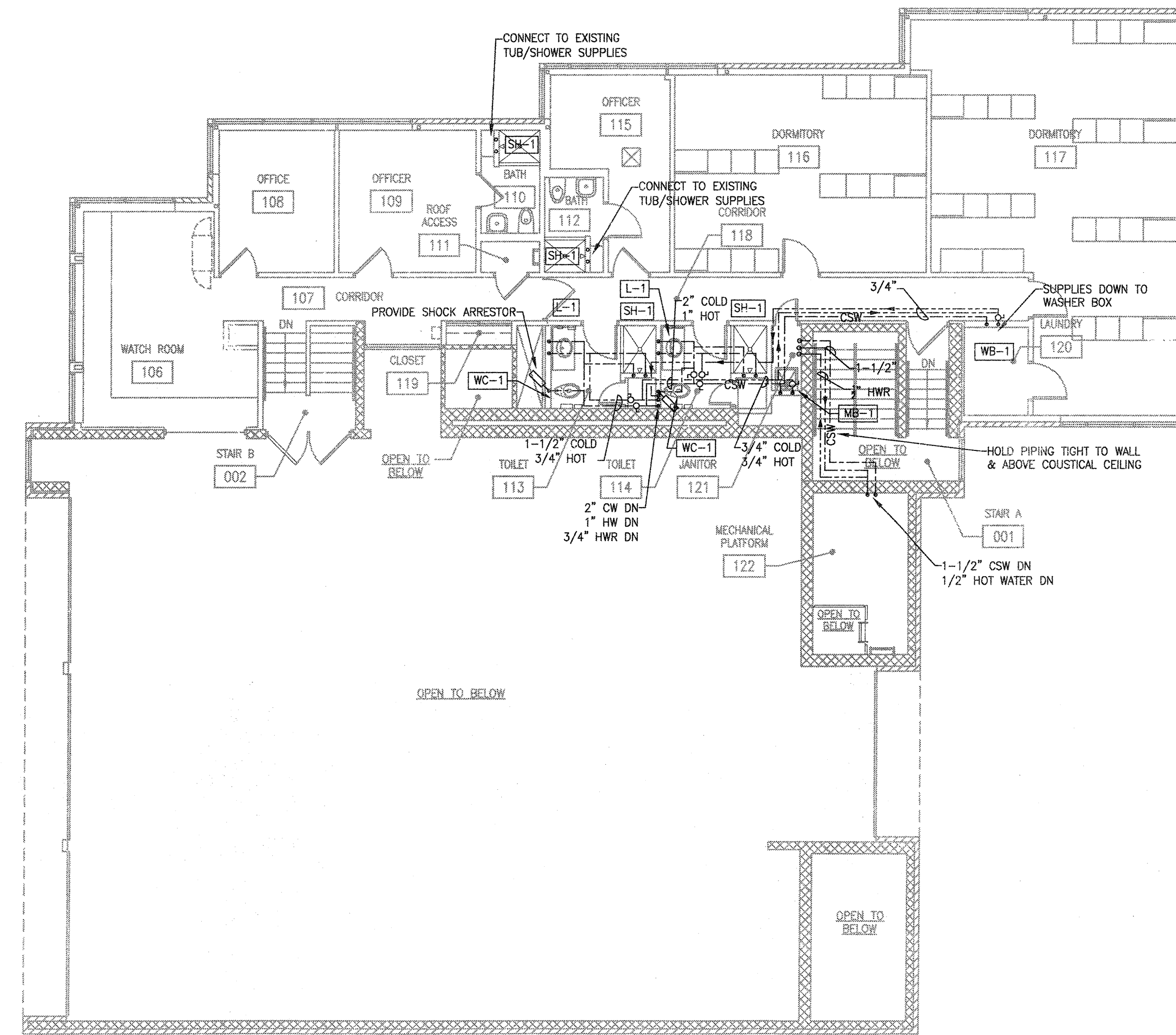




UPPER LEVEL WASTE ADDITION AND REMODELING PLAN
SCALE: 1/8" = 1'-0"



UPPER LEVEL SUPPLY ADDITION AND REMODELING PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION WATER DISTRIBUTION & WASTE FIXTURE UNIT DESIGN													
GENERAL		WATER					WASTE		FIXTURE CONNECTIONS				
IDENTITY	NO. OF FIXTURES	SUPPLY UNITS EA		TOTAL WFSU		FIXTURE UNIT VALUE	TOTAL DRAIN	WATER		WASTE			
		TOTAL	HOT COLD	TOTAL	HOT COLD			CW	HW	VENT	DRAIN		
WATER CLOSET	4	—	6.5	6.5	—	26	26	6	24	1/2"	—	2"	1-1/2"
URINAL	1	—	2	2	—	2	2	2	2	1/2"	—	2"	2"
LAVATORY	5	.5	.5	1	2.5	2.5	5	1	5	1/2"	1/2"	2"	1-1/2"
SHOWER	3	2	2	3	6	6	9	2	6	1/2"	1/2"	2"	1-1/2"
BATHTUB	2	2	2	3	4	4	6	2	4	1/2"	1/2"	2"	1-1/2"
SINK	1	1.5	1.5	2	1.5	1.5	2	2	2	1/2"	1/2"	2"	1-1/2"
FLOOR DRAIN	2	—	—	—	—	—	—	3	6	—	—	2"	1-1/2"
HOSE BIBB	1	—	3	3	—	3	3	—	—	1/2"	—	2"	1-1/2"
		14		45	53		49						
		WFSU		WFSU	WFSU		DFU						

DEMOLITION FIXTURE UNIT SCHEDULE
SCALE: NONE

CROSS CONNECTION CONTROL REFERENCE							
STANDARD	TYPE	SIZE	GPM	ΔP	LOCATION	SERVICE	REMARKS
1 ASSE 1013	BOILER MAKE-UP	1/2"	3	15	B2 MECHANICAL ROOM	BOILER MAKE-UP	BASED ON WATTS 9190TS

CROSS CONNECTION CONTROL
SCALE: NONE

NEW WATER DISTRIBUTION & WASTE FIXTURE UNIT DESIGN												
GENERAL		WATER						WASTE		FIXTURE CONNECTIONS		
IDENTITY	NO. OF FIXTURES	SUPPLY UNITS EA		TOTAL WFSU		FIXTURE		TOTAL DRAIN		WATER		WASTE
		TOTAL	HOT COLD TOTAL	TOTAL	HOT COLD TOTAL	UNIT VALUE	FIXTURE UNITS	CW	HW	VENT	DRAIN	
WATER CLOSET (WC-1)	4	—	6.5 6.5	—	26 26	6	24	1/2"	—	2"	1-1/2"	
MOP BASIN (MB-1)	1	2	2 3	2	2 3	3	3	1/2"	1/2"	2"	2"	
LAVATORY (L-1)	4	.5	.5 1	2	2 4	1	4	1/2"	1/2"	2"	1-1/2"	
SHOWER (SH-1)	2	2	2 3	6	6 6	2	4	1/2"	1/2"	2"	2"	
SHOWER (SH-2)	3	2	2 3	6	6 9	2	6	1/2"	1/2"	2"	2"	
SINK (S-1)	1	1.5	1.5 2	1.5	1.5 2	2	2	1/2"	1/2"	2"	1-1/2"	
FLOOR DRAIN (FD-1)	2	—	—	—	—	3	6	—	—	2"	2"	
HOSE BIBB (HB-1)	1	—	3 3	—	3 3	—	—	1/2"	—	2"	1-1/2"	
LAUNDRY WASHER BOX (WB-1)	1	2	2 3	2	2 3	3	3	1/2"	1/2"	2"	2"	
				19.5 48.5 56		52						
				WFSU WFSU WFSU		DFU						

NEW FIXTURE UNIT SCHEDULE
SCALE: NONE

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DATE	03-09-12
PROJECT NO.	2011009
PROJECT TITLE	

CITY OF MADISON FIRE STATION #2 ADDITION AND REMODELING

421 GRAND CANYON DRIVE
MADISON, WISCONSIN

SHEET TITLE

ADDITION AND REMODELING PLUMBING PLANS

SHEET NO.

P202