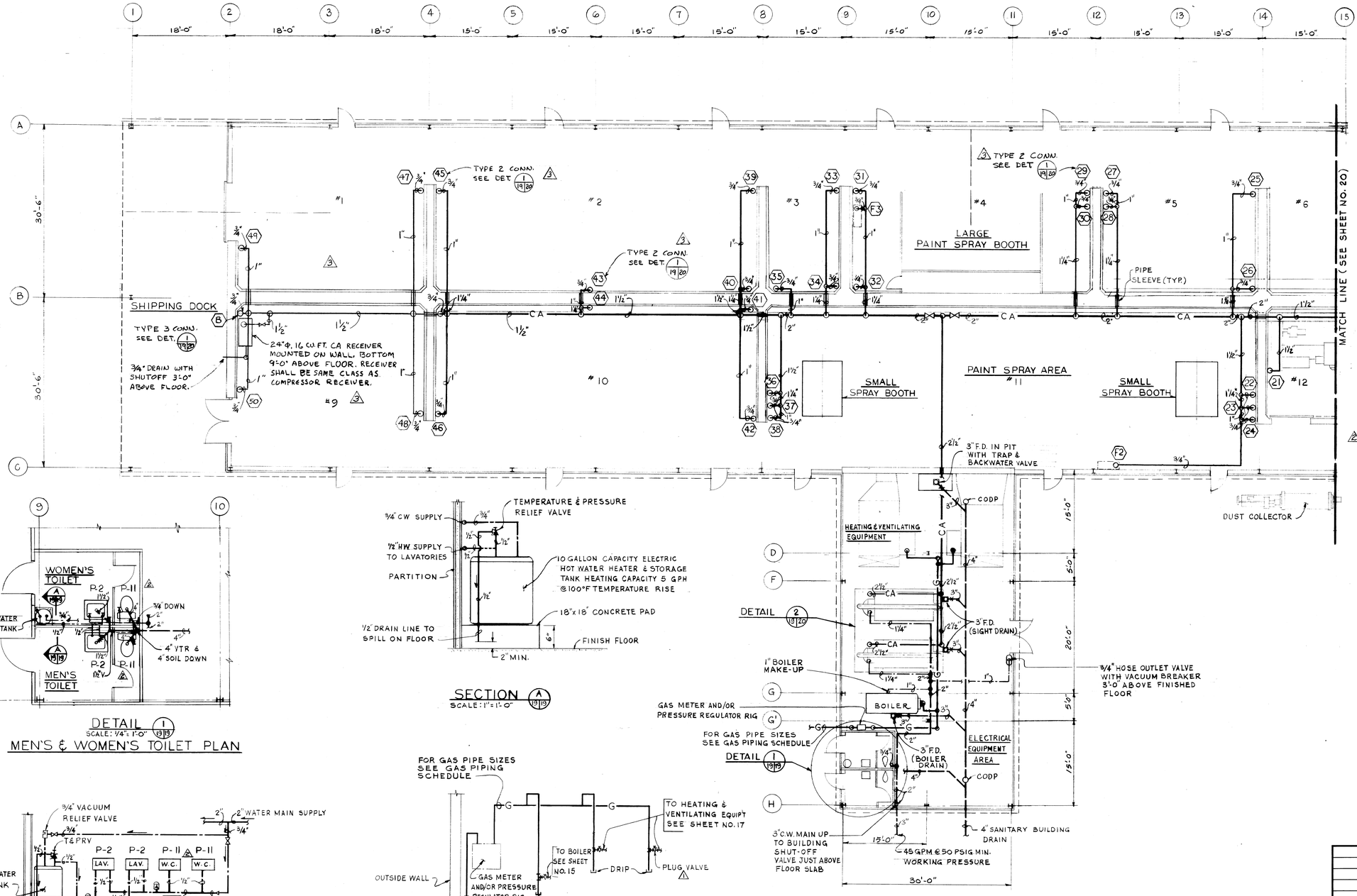
SYMBOLS & ABBREVIATIONS

- SOIL (S) & WASTE (W) - ABOVE GRADE
- SOIL (S) & WASTE (W) - BELOW GRADE
- VENT (V)
- COLD WATER (CW)
- HOT WATER (HW)
- G GAS LINE
- CA COMPRESSED AIR
- GATE VALVE
- GATE VALVE, LOCKSHIELD (KEY OPERATION)
- GLOBE VALVE
- CHECK VALVE
- STRAINER
- ANGLE VALVE
- RELIEF VALVE WITH TEST LEVEL
- CONTROL STOP
- UNION
- PLUG VALVE
- FD FLOOR DRAIN
- CAP OR PLUG
- TRAP
- A WATER HAMMER SHOCK ABSORBER WITH LETTER
- VACUUM RELIEF VALVE
- THERMOMETER
- AIR LINE OILER
- AIR LINE FILTER
- CO CLEANOUT
- CODP CLEANOUT WITH DECK PLATE
- DIRECTION OF FLOW
- SS SOIL STACK
- VS VENT STACK
- VTR VENT THRU ROOF
- INV EL. INVERT ELEVATION

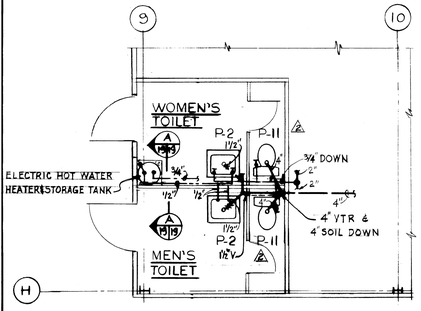
NOTE:
VALVES SHOWN ARE NORMALLY CLOSED. ALL VALVES ARE THE SAME SIZE AS PIPING UNLESS OTHERWISE NOTED



FLOOR PLAN - ZONE I
SCALE: 1/8" = 1'-0"

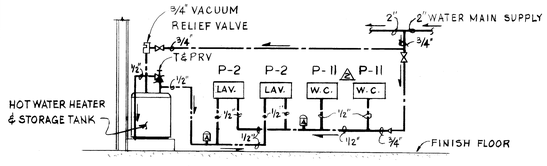
PIPING CONNECTIONS				
FIXTURE UNIT	H.W.	C.W.	DRAIN	REMARKS
P-11 WATER CLOSET	–	1/2"	4"	–
P-2 LAVATORY	1/2"	1/2"	1/2"	–
P-10 HOSE OUTLET	–	3/4"	–	–

GAS PIPING SCHEDULE					
HEATING ZONE	MAIN GAS LINE SIZE	VALVED OUTLET BOILER	VALVED OUTLET AIR MAKE-UP	VALVED OUTLET GENERAL VENTILATION	TOTAL CAPACITY
+20°	4"	2"	3"	3"	5140
0°	4"	3"	3"	3"	5440
-20°	4"	3"	3"	3"	5750
ASSUMED GAS HEATING VALUE = 1,000 B.T.U./CUBIC FOOT					

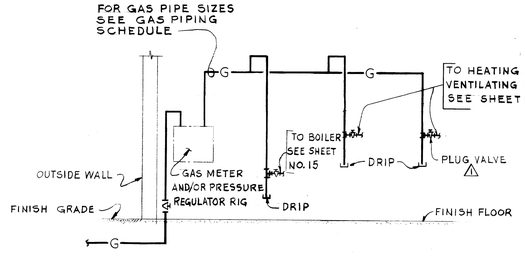


DETAIL 1/19|19
SCALE: 1/4" = 1'-0"
MEN'S & WOMEN'S TOILET PLAN

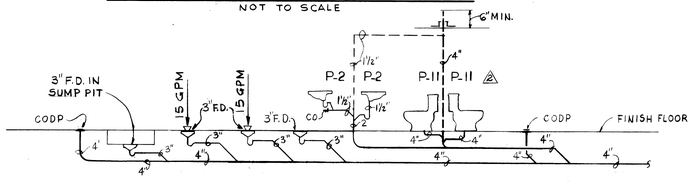
SECTION A/19|19
SCALE: 1" = 1'-0"



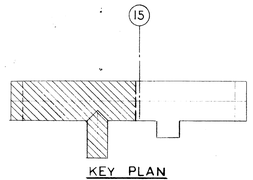
COLD & HOT WATER RISER DIAGRAM
NOT TO SCALE



GAS SUPPLY DIAGRAM
NOT TO SCALE



SANITARY RISER DIAGRAM
NOT TO SCALE



KEY PLAN

GRAPHIC SCALES
1/8" = 1'-0"
1/4" = 1'-0"
1" = 1'-0"

SYMBOL	DESCRIPTION	DATE	APPROVAL
3	ADDED CA TO BAYS 1, 9. ADDED REC. TO BAY 9. CALLED OUT CONNECTORS IN BAYS 3, 4, 9.	22 AUG 68	
2	CHANGED "P-1" TO "P-11".	22 AUG 68	
1	ADDED PLUG VALVE	8/22/66	

REVISIONS

AMMANN & WHITNEY
CONSULTING ENGINEERS
111-8TH AVENUE, NEW YORK, N.Y.

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.

DRAWN BY: C.B.
TRACED BY: C.B.
CHECKED BY: M.S.A.
SUBMITTED BY: AMMANN & WHITNEY
APPROVED: CHIEF, UTILITIES BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966
APPROVED FOR
DATE:

AMMUNITION MAINTENANCE FACILITY
AMMUNITION MAINTENANCE BUILDING
PLAN, RISER DIAGRAMS & DETAILS
PLUMBING

SCALE AS NOTED
SPEC. NO. 16-06-324-66-CE
DRAWING NUMBER 35-69-09
SHEET 19 OF 45