

PLUMBING LEGEND

SYMBOL	DESCRIPTION
—SAN—	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
—SAN—	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
—GW—	GREASE WASTE PIPING BELOW GRADE (GW)
—V—	VENT PIPING ABOVE OR BELOW GRADE (V)
—SD—	STORM DRAIN PIPING (SD)
—SD—	STORM DRAIN PIPING BELOW GRADE (GW)
—OFD—	OVERFLOW DRAIN PIPING (OFD)
—SSD—	SUB SURFACE DRAINAGE
—AW—	ACID WASTE PIPING (AW)
—AW—	ACID WASTE PIPING BELOW GRADE (AW)
—AW—	ACID VENT PIPING ABOVE OR BELOW GRADE (AW)
—CW—	COLD WATER PIPING (CW)
—HW—	HOT WATER PIPING (HW)
—HWR—	HOT WATER RETURN PIPING (HWR)
—FIRE—	FIRE PROTECTION PIPING (F)
—F3—	FIRE SPRINKLING PIPING (F3)
—GAS—	NATURAL GAS PIPING (G)
—GAS—	GAS VENT PIPING (GV)
—GW—	PIPING DESIGNATED FOR REMOVAL
—GW—	FLOOR DIRECTIONAL ARROW
—GW—	SHUT-OFF VALVE
—GW—	BALL VALVE (BV)
—GW—	GAS PLUG VALVE (GPV)
—GW—	HORIZONTAL SWING CHECK UNION
—GW—	Y-STRAINER
—GW—	REDUCED PRESSURE BACKFLOW PREVENTER (BFP)
—GW—	PIPING DOWN
—GW—	RISE OR DROP PIPING
—GW—	PIPING UP —OR— PIPING UP & DOWN
—GW—	CAP ON END OF PIPE
—GW—	CLEANOUT (WALL OR CEILING) (CO)
—GW—	FLOOR CLEANOUT (FCO)
—GW—	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
—GW—	TWO-WAY CLEANOUT (PROVIDE 18"x18"x4" CONCRETE PAD OUTSIDE)
—GW—	BRANCH CONNECTION OUT OF TOP
—GW—	BRANCH CONNECTION OUT OF BOTTOM
—GW—	BRANCH CONNECTION OUT OF SIDE
—GW—	W/E & 1/8TH BEND BRANCH CONNECTION
—GW—	W/E BRANCH CONNECTION
—GW—	HOSE BIBB
—GW—	PRESSURE GAUGE WITH COOK
—GW—	THERMOMETER
—GW—	GAS PRESSURE REGULATOR
—GW—	GAS METER
—GW—	WALL HYDRANT
—GW—	VALVE IN RISE
—GW—	ASME TEMPERATURE & PRESSURE RELIEF VALVE
—GW—	VACUUM RELIEF VALVE
—GW—	ANGLE VALVE
—GW—	OS&Y VALVE
—GW—	ROOF DRAIN
—GW—	OVERFLOW DRAIN
—GW—	REFER TO KETED NOTE
—GW—	FLOW SWITCH (FS) OR TAMPER SWITCH (TS)
—GW—	FLOOR SINK (FS)
—GW—	FLOOR DRAIN (FD)
—GW—	FLOOR DRAIN WITH P-TRAP (FD)
—GW—	FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD)
—GW—	HUB DRAIN (HD)
—GW—	ACCESS PANEL FOR TRAP PRIMER
—GW—	ACCESS PANEL LOCATION SYMBOL
—GW—	SHOCK ABSORBER WITH ACCESS PANEL
—GW—	AIR CHAMBER
—GW—	EXISTING
—GW—	VENT THRU ROOF
—GW—	INVERT ELEVATION
—GW—	DELTA CHANGE SYMBOL

GAS WATER HEATER SCHEDULE

ITEM NO.	BRU/HW IN/OUT	GRS PER HR	STORAGE CAPACITY	ELECTRICAL REQUIRED	STVED TEMP	MANUFACTURER COMMENT
GMH-1	79.000	83	50	120V/1φ	140°	A.O. SMITH B1X-80

NOTES: 1. WATER HEATER SHALL BE EQUIPPED WITH ASME RATED TANK, ASME RATED TEMPERATURE PRESSURE AND RELIEF VALVE, IGNITION CONTROL DEVICE WITH INTEGRAL DIAGNOSTICS, LED FAULT DISPLAY AND DIGITAL DISPLAY OF TEMPERATURE SETING.
2. WATER HEATER SHALL BE LOW NOX AND THE ENTIRE SYSTEM SHALL BE PIPED WITH AN EXPANSION TANK. RE SCHEDULE THIS SHEET.
3. WATER HEATER SHALL BE SUITABLE FOR SEALED COMBUSTION DIRECT-VENT USING 4" PVC PIPE FOR INTAKE AND EXHAUST. PROVIDE WATER HEATER WITH AN A.O. SMITH CONCENTRIC VENT KIT. INSTALL PER MANUFACTURERS INSTRUCTIONS.

CIRCULATING PUMP SCHEDULE

ITEM NO.	DESCRIPTION	TYPE	GPM	H.P. FEET	PHASE	MAX AND MODEL	MANUFACTURER
GP-1	CIRCULATION PUMP	N-LINE BRONZE	5	9.5'	1/2S	115/1"	1750 GPM/DPDS UP 15-18BU07

NOTES: TO BE PIPED IN CONJUNCTION WITH GMH-1 AND TMW-1.

THERMOSTATIC MIXING VALVE SCHEDULE

ITEM NO.	TEMP. IN DEG. F	TEMP. OUT DEG. F	MIN. FLOW GPM	DES. VALVE FLOW GPM	UNION PRESS. COMP.	DIFF. MODEL	MANUFACTURER
TMW-1	140	110	0.5	6	RB	YES	10 STAMONS 6-2004-ASP-W

NOTES: TO BE PIPED IN CONJUNCTION WITH GMH-1 AND GP-1.

SHOCK ARRESTORS

P.D.L. SYMBOL	FLUXURE UNITS	CHAMBER LENGTH	SWEAT CONNECTION
A	1-11	9-5/8"	1/2"
B	12-32	11-5/4"	3/4"
C	33-60	14-11/16"	1"
D	61-113	12-3/8"	1"
E	114-194	15-3/8"	1"
F	155-330	17-3/8"	1"

DOMESTIC HW EXPANSION TANK SCHED.

ITEM NO.	DESCRIPTION	MAX. WORK PRESSURE	TANK VOL. GALLONS	MAX. ACCEPT. GALLONS	DIAMETER INCHES	MANUFACTURER
ET-1	HOT WATER EXPANSION TANK	150 PSI	3.5	2.1	10"	DEF-14-5

GAS EQUIPMENT SCHEDULE

EQUIPMENT NUMBER	DESCRIPTION	BTU PER HOUR LOAD	BTU PER HOUR	PER HOUR	TOTAL BTU	TOTAL CFH
GMH-1	GAS WATER HEATER	79,000 BTUH	79,000 BTUH		79,000 BTUH	79 CFH
RU-1	RU-1	120,000 BTUH	120,000 BTUH		120,000 BTUH	120 CFH
RU-2	RU-2	120,000 BTUH	120,000 BTUH		120,000 BTUH	120 CFH
RU-3	RU-3	100,000 BTUH	100,000 BTUH		100,000 BTUH	100 CFH
STANDBY, GEN.	STANDBY, GEN.	1,020,000 BTUH	1,020,000 BTUH		1,020,000 BTUH	1,020 CFH
TOTALS:		1,439,000 BTUH	1,439,000 BTUH		1,439,000 BTUH	1,439 CFH

GENERAL NOTES

1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING SECTION SHALL BE IN ACCORDANCE WITH THE PREVALENT BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
2. CONTRACTOR SHALL CORRECT ALL ROOMING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

PLUMBING MATERIAL LIST

- ABOVE GRADE, INSIDE BUILDING**
- SANITARY WASTE AND VENT PIPING SHALL BE
NO-HUB CAST IRON SYSTEM CONFORMING TO CSFI, STANDARD NO. 301-75.
NEEDHOLE GASKETS SHALL CONFORM TO ASTM STANDARD C884-75, OR,
STORM PIPING SHALL BE
SERVICE WEIGHT CAST IRON HUB AND SPIGOT PIPE AND FITTINGS
WITH ELASTOMERIC GASKETS JOINTS.
DOMESTIC WATER PIPING SHALL BE
DRRAIN (HARD) COPPER WATER TUBE, TYPE "L", ASTM B88, WITH WROUGHT COPPER FITTINGS, ANSI B16.22 AND 95-5 SOLDER JOINTS.
- BELOW GRADE, INSIDE BUILDING**
- SANITARY WASTE AND VENT PIPING SHALL BE
SCHEDULE 40 DWV POLYPROPYLENE CHLORIDE PIPE AND FITTINGS CONFORMING TO ASTM 2866 WITH SOLVENT WELDED JOINTS. DO NOT USE IN AIR SUPPLY OR RETURN PLenums, AND OR WHERE FIRE RATED WALLS, PARTITIONS, OR FLOORS ARE PENETRATED.
DOMESTIC WATER PIPING SHALL BE
ANNEALED (SOFT) COPPER WATER TUBE, TYPE "K", ASTM B88, WITH NO JOINTS OR FITTINGS BELOW SLAB.

PLUMBING FIXTURE SCHEDULE

TYPE:	DESCRIPTION:	TYPE:	DESCRIPTION:
WC-1 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 1.28 GALLON WATER CLOSING PER ACTION, ELEVATED CLOSING RIM WITH 1-1/2" FLUSH VALVE AND 16" BOLT CARRIAGES, AMERICAN STANDARD MODEL 2257001.	WC-2 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-3 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-4 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-5 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-6 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-7 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-8 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-9 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-10 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-11 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-12 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-13 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-14 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-15 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-16 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-17 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-18 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-19 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-20 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
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WC-27 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-28 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-29 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-30 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-31 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-32 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-33 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-34 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-35 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-36 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.
WC-37 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARMY SUPPORTS, FAUCET HOLES ON 4" CENTERS, AMERICAN STANDARD, TUBRINE 03661012, 4" INTEGRAL SPOUT, 4" WRESTLE LEVER HANDLES, QUARTER TURN CERAMIC DISC CARTRIDGES, CHICAGO MODEL #892V-317XK, TUBN CARTRIDGES, 5" CHROME PLATED BRASS SPOUT, CHICAGO MODEL 404A-317XK.	WC-38 (T.A.S. COMPLIANT)	WATER CLOSET, WALL HUNG, WHITE VITREOUS CHINA