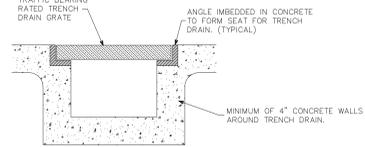
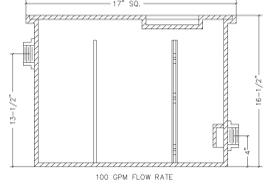


**2 SUMP PUMP PIT DETAIL**  
NO SCALE



**3 TRENCH DRAIN DETAIL**  
NO SCALE



NOTE:  
LINT TRAP SHALL BE A "ZURN" MODEL Z-1185 ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL LINT INTERCEPTOR, NON-SHA SECURED COVER WITH STAINLESS LINT INTERCEPTING SECONDARY SCREEN ASSEMBLY AND PERMANENT PRIMARY STRAINING BAFFLE.

**4 LINT TRAP DETAIL**  
NO SCALE

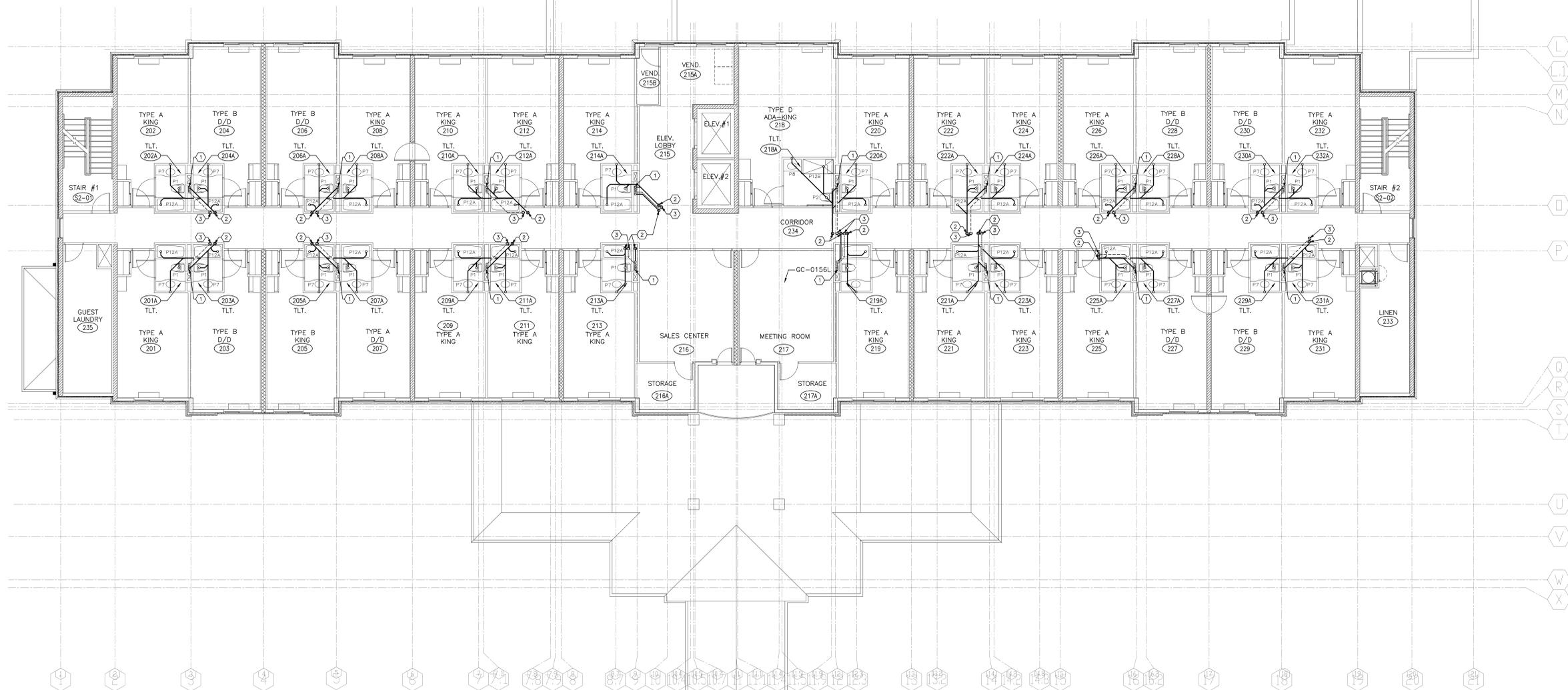
**SPECIFIC PLUMBING NOTES**

- 1 4" SANITARY SOVENT STACK FROM ABOVE AND DOWN TO BELOW GRADE. OFFSET AS SHOWN.
- 2 3" SOVENT PRL LINE FROM ABOVE. CONNECT TO 4" SANITARY SOVENT STACK AT CLG. LEVEL.

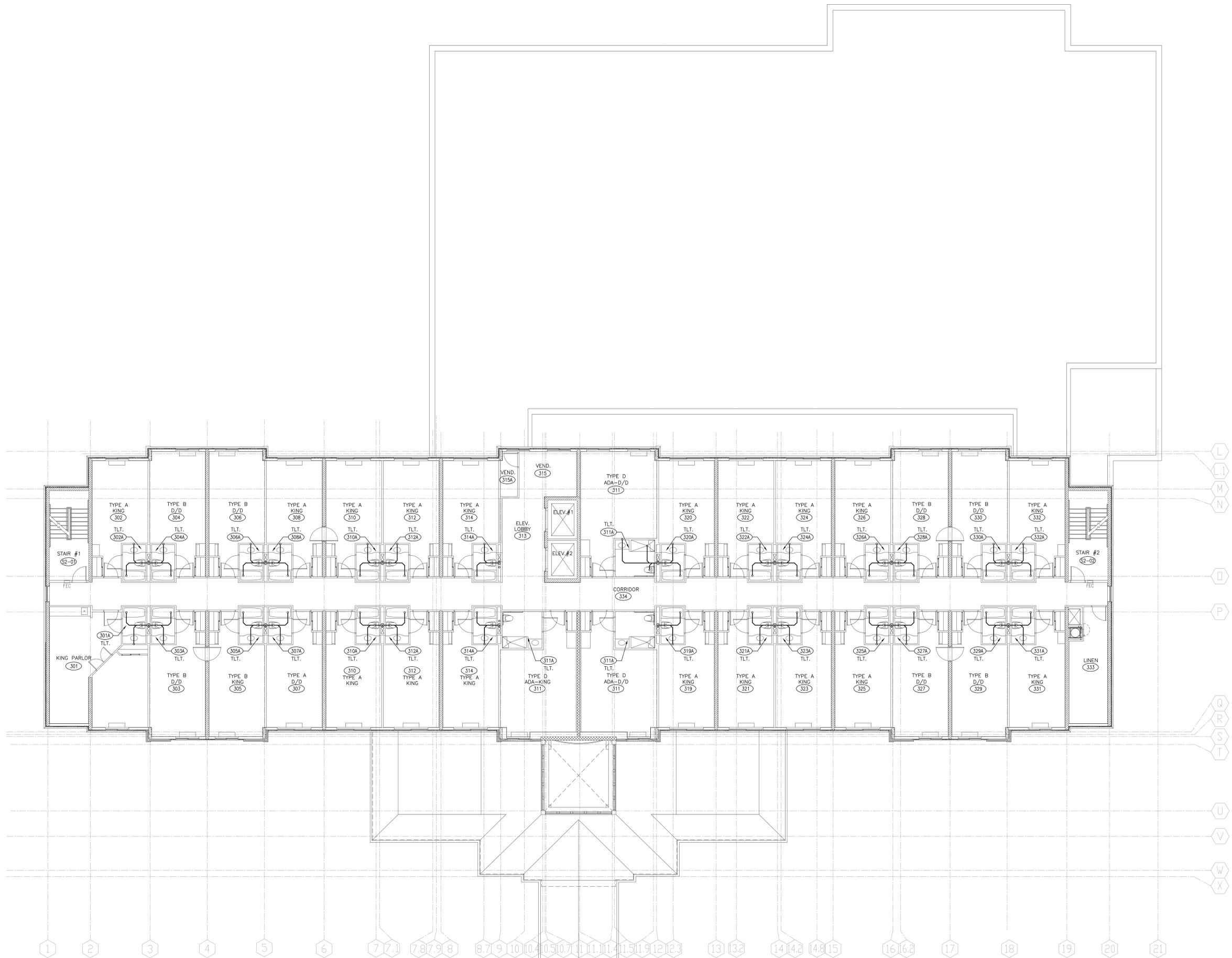
**1 FIRST FLOOR PLAN - PLUMBING**  
SCALE: 1/8" = 1'-0"

**SPECIFIC PLUMBING NOTES**

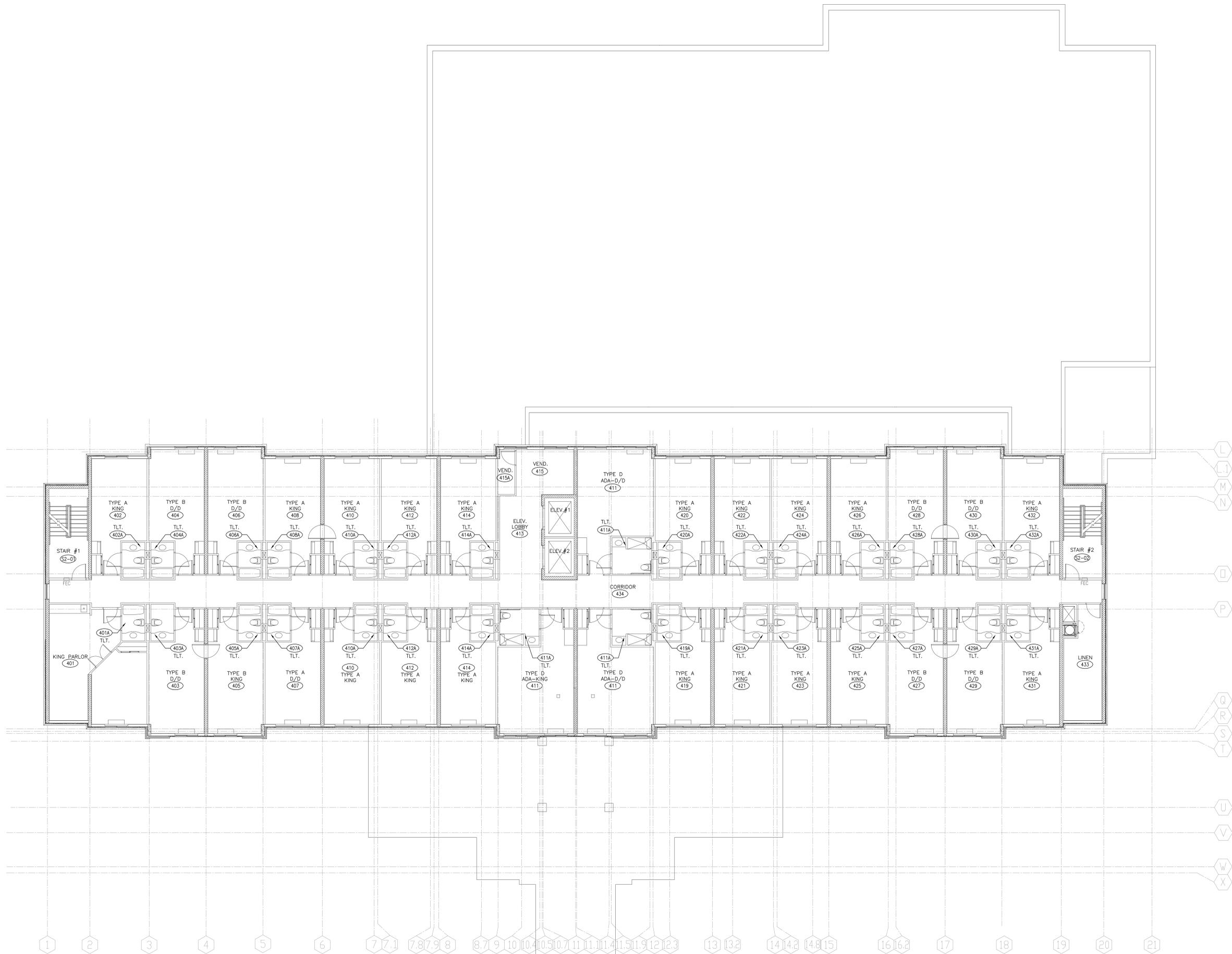
- ① 4" SOVENT DEAERATOR AT 2ND FLOOR SLAB. 4" SANITARY SOVENT STACK FROM ABOVE. OFFSET AS SHOWN.
- ② 4" SANITARY LINE DOWN TO 1ST FLOOR.
- ③ 3" SOVENT PRL LINE DOWN TO 1ST FLOOR. CONNECT TO 4" SANITARY SOVENT STACK AT 1ST FL. CLG. LEVEL.



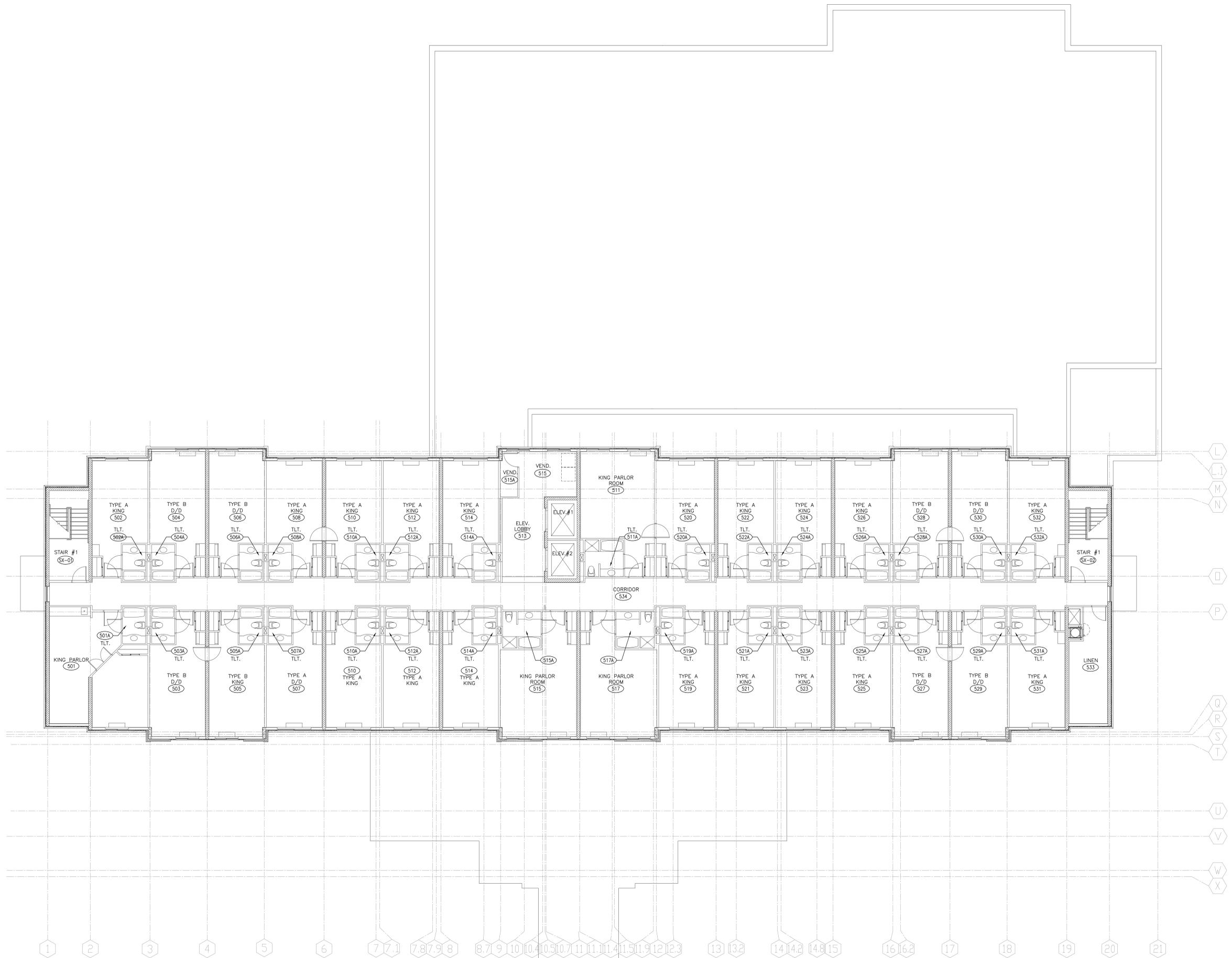
**1 SECOND FLOOR PLAN - PLUMBING**  
SCALE: 1/8"=1'-0"



**1 THIRD FLOOR PLAN - PLUMBING**  
 SCALE: 1/8"=1'-0"



**1 FORTH FLOOR PLAN - PLUMBING**  
 SCALE: 1/8"=1'-0"



**1 FIFTH FLOOR PLAN - PLUMBING**  
 SCALE: 1/8"=1'-0"

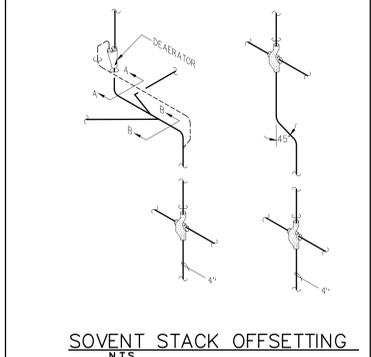
**PLUMBING FIXTURE SCHEDULE**

- P-1 (FLOOR MOUNTED FLUSH VALVE WATER CLOSE)  
SHALL BE AN AMERICAN STANDARD MADERA FLUSH VALVE TOILET MODEL 2234-015 14" HIGH, 1.6 GPF, VITREOUS CHINA. FLUSH VALVE SHALL BE A SLOAN ROYAL MODEL 115-YB. SEAT SHALL BE AN ELONGATED OPEN FRONT POLYPROPYLENE SEAT WITHOUT COVER.
- P-2 (FLOOR MOUNTED HANDICAPPED FLUSH VALVE WATER CLOSE)  
SHALL BE AN AMERICAN STANDARD MADERA FLUSH VALVE TOILET MODEL 3043-102 17" HIGH, 1.6 GPF, VITREOUS CHINA. FLUSH VALVE SHALL BE A SLOAN ROYAL MODEL 115-YB. SEAT SHALL BE AN ELONGATED OPEN FRONT POLYPROPYLENE SEAT WITHOUT COVER.
- P-3 (FLOOR MOUNTED TANK TYPE WATER CLOSE)  
SHALL BE AN AMERICAN STANDARD MODEL CASET II AQUAMETER 217A139 ELONGATED 1.6 GPF, VITREOUS CHINA, SIPHON ACTION BOWL, CLOSE-COUPLED TANK, SPEED CONNECT TANK/BOWL COUPLING SYSTEM TOILET AND AN OLSONITE # 95 OPEN FRONT SEAT, LESS COVER, PROVIDE WC WITH AN AMERICAN STANDARD FLUSH-MATE.
- P-4 (FLOOR MOUNTED HANDICAPPED TANK TYPE WATER CLOSE)  
SHALL BE AN AMERICAN STANDARD MODEL CASET II 2016143 ELONGATED 18" HIGH, 1.6 GPF, VITREOUS CHINA, SIPHON ACTION BOWL, CLOSE-COUPLED TANK, SPEED CONNECT TANK/BOWL COUPLING SYSTEM TOILET AND AN OLSONITE # 95 OPEN FRONT SEAT, LESS COVER, PROVIDE WC WITH AN AMERICAN STANDARD FLUSH-MATE.
- P-5 (URNAL)  
WALL MOUNTED BLOWOUT, VITREOUS CHINA WATER SAVER WITH WALL HANGERS 1-1/4" TOP SPUD AND PRIVACY SHIELDS. AMERICAN STANDARD #851019 LYNBROOK. FLUSH VALVE: EXPOSED CHROME PLATED METAL OSCILLATING HANDLE ESCUTCHEON, SEAT BUMPER, INTEGRAL SCREWDRIVER STOP AND VACUUM BREAKER. SLOAN ROYAL 190-YB.
- P-6 (HANDICAPPED WALL HUNG LAVATORY)  
SHALL BE AN AMERICAN STANDARD MODEL LUCERNE 0356-028 ENAMELED CAST IRON ACID RESISTING LAVATORY WITH SOAP DEPRESSION. PROVIDE A SLOAN 1728 HERITAGE. CENTERLINE WITH 4" WRIST BLADE HANDLES TO INCLUDE AN OMNI PRESSURE COMPENSATING 0.5 GPM FLOW RESTRICTOR AQUASEAL VALVES AND CHROME FINISH. GRID DRAIN, OFFSET REPERFORATED WHEELCHAIR LAVATORY DRAIN ASSEMBLY WITH 1-1/2" TAILPIECE, MCQUIRE #555K. PROVIDE PROTECTIVE INSULATION ON DRAIN AND HOT WATER LINE TO MEET HANDICAP CODE REQUIREMENTS ON ALL INSTALLATIONS WITH EXPOSED PIPING.
- P-7 (COUNTER TOP LAVATORY)  
SHALL BE AN AMERICAN STANDARD MODEL RONALYN MODEL 0490-011 VITREOUS CHINA SELF-RIMMING FAUCET SHALL BE A MONTEREY 5502-170 W/STANDARD LEVER HANDLES. PROVIDE C.O. FLOW RESTRICTOR.
- P-8 (HANDICAPPED COUNTER TOP LAVATORY)  
SHALL BE AN AMERICAN STANDARD MODEL RONALYN MODEL 0490-011 VITREOUS CHINA SELF-RIMMING FAUCET SHALL BE A MONTEREY 5502-170 W/STANDARD WRIST BLADE HANDLES. PROVIDE 0.5 GPM FLOW RESTRICTOR. PROVIDE PROTECTIVE INSULATION ON DRAIN AND HOT WATER LINE TO MEET HANDICAP CODE REQ. ON ALL INSTALLATIONS WHERE THE PIPING IS EXPOSED TO THE USER.
- P-9 (SINGLE BOWL, STAINLESS STEEL SINK - SMALL)  
SHALL BE AN ELKAY MODEL BPSH-15-C STAINLESS STEEL BAR SINK WITH HI-ARC FAUCET.
- P-10 (SINGLE BOWL, STAINLESS STEEL SINK - LARGE)  
SHALL BE AN ELKAY LUSTERONE MODEL DLH-2222-10-C SINGLE BOWL STAINLESS STEEL SELF-RIMMING SINK WITH LK2432 HI-ARC FAUCET TO INCLUDE AN OMNI PRESSURE COMPENSATING 2.0 GPM FLOW RESTRICTOR.
- P-11 (LAUNDRY TUB)  
LAUNDRY TUB SHALL BE A "MUSTEE" MODEL 15F UTILITUB PREMIER. TUB SHALL BE ONE-PIECE MOLDED CONSTRUCTION. TUB TO INCLUDE BUILT-IN SCRUB BOARD, INTEGRALLY MOLDED DRAIN ASSEMBLY, STOPPER AND FLOOR OR WALL MOUNTING HARDWARE. SHALL MEET ANSI SPECIFICATION 2.124.6. WHITE COLOR. FAUCET AS PER MANUFACTURER'S RECOMMENDATIONS. FOR DETAILS REFER TO WWW.MUSTEE.COM.
- P-12A (TUB/SHOWER)  
SHOWER MIXING VALVE (HOT AND COLD WATER)  
SHALL BE A SPEARMAN SENTINEL MARK II REGENCY MODEL #SM-1400-AF-SS ANTI-SCALD BALANCED PRESSURE SHOWER VALVE WITH AN INLINE OMNI PRESSURE COMPENSATING 2.0 GPM FLOW RESTRICTOR.  
(COORDINATE FINAL TUB/SHOWER STALL SPECIFICATIONS WITH OWNER)
- P-12B (HANDICAPPED SHOWER MIXING VALVE)  
SHOWER SHALL INCLUDE AN SPEARMAN MODEL VS-1970-SS-3 SENTINEL MARK II REGENCY CONCEALED ANTI-SCALD BALANCED PRESSURE SHOWER VALVE AND HAND HELD SPRAY COMBINATION WITH 80" WHITE W/NTL REINFORCED HOSE. ALSO INCLUDED IN THIS PACKAGE IS A COSMOPOLITAN SHOWER HEAD MODEL #S-2270-AF WITH WATER CONSERVING COMPENSATING AUTOFLOW DEVICE SET TO 2.5 GPM.  
(COORDINATE FINAL SHOWER STALL SPECIFICATIONS WITH OWNER)
- P-13 (FLOOR DRAIN WITH TRAP PRIMER)  
SHALL BE A JOSAM 3000-AH-80 SERIES COATED CAST IRON FLOOR DRAIN. TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEALOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR, WEDGHOLES, BOTTOM OUTLET, INSIDE CAULK CONNECTION AND ADJUSTABLE 5/8" INKALY ROUND SUPER-FLO STRAINER.
- P-14 (HUB DRAIN - INDIRECT WASTE FUNNEL)  
SHALL BE A "ZURN" 2-326, 2" PIPE CONNECTION, DURA-COATED CAST IRON BODY AND BOTTOM OUTLET. CONTRACTOR SHALL VERIFY FINAL HEIGHT OF FUNNEL WITH EQUIPMENT THAT IS UTILIZING FUNNEL. DRAIN AND VERIFY PROPER CLEARANCE PRIOR TO CONSTRUCTION. COORDINATE WITH EQUIPMENT MANUFACTURER.
- P-15 (HANDICAPPED ELECTRIC WATER COOLER)  
SHALL BE AN OASIS MODEL PLFBWEE, 8.0 GPH, 4.8 FLA AT 120 VOLT WITH A 1/5 HP COMPRESSOR.
- P-16 (HANDICAPPED ELECTRIC WATER COOLER - COMBINATION H/L/O)  
SHALL BE AN OASIS MODEL PLFBWQSL, 8.0 GPH, 4.8 FLA AT 120 VOLT WITH A 1/5 HP COMPRESSOR.
- P-17 (LARGE CLOTHES WASHING MACHINE)  
COORDINATE FINAL SPECIFICATIONS WITH OWNER.
- P-18 (LARGE CLOTHES DRYER)  
COORDINATE FINAL SPECIFICATIONS WITH OWNER.
- P-19 (EXTERIOR HOSE BIBB W/HANDWHEEL)  
SHALL BE A "NIBCO" SERIES 63LS, GRANGER STOCK NO. SE407, 3/4" SOLID BRONZE HOSE BIBB WITH ALUMINUM HANDWHEEL.

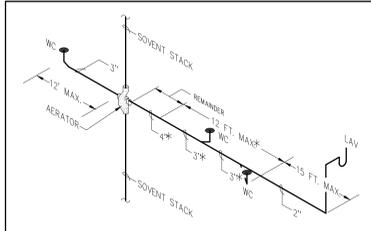
- NOTES:  
1) ALL PLUMBING FIXTURES SHALL BE AS SPECIFIED OR APPROVED EQUAL.  
2) PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.

**GENERAL PLUMBING NOTES**

1. Drawings are diagrammatic and shall not be scaled. Refer to architectural plans and elevations for exact location of all plumbing fixtures, equipment, etc. Plumbing contractor shall furnish and install all items required for a complete and acceptable working installation.
2. All work and materials shall comply with the latest edition of the National, State, and all local codes and Ordinances having jurisdiction.
3. The plumbing contractor shall visit the site and thoroughly familiarize himself with all existing conditions. All execution and backfill as required for this phase of construction shall be a part of this contract.
4. All material shall be new.
5. All work shall be performed by a licensed plumbing contractor in a first class workmanlike manner. The completed system shall be fully operative and accepted by engineer/architect.
6. All required insurance shall be provided for protection against public liability or property damage for the duration of the work.
7. The plumbing contractor shall secure and pay all permit fees, inspections, and tests.
8. All work shall be coordinated with other trades to avoid interference with the progress of construction.
9. The plumbing contractor shall guarantee all materials and workmanship free from defects for a period of not less than (1) one year from date of acceptance. Correction of any defects shall be completed without additional charge and shall include replacement or repair of any other phase of the installation which may have been damaged thereby.
10. Verify location, size and inverts of all existing utilities prior to start of construction. Advise architect/engineer of any discrepancies.
11. All fixtures shall be provided with readily accessible stops.
12. Water piping shall be type "K" copper for up to and including 2" and shall be type "K" for 2 1/2" and larger.
13. Soil, wastes and vent piping shall be PVC #40 DMV. Waste and vent piping above slab shall be PVC, if approved by local authorities having jurisdiction, otherwise cast iron PVC shall not be installed in A/C return air plenum or penetrate fire rated walls or floors.
14. Air conditioning condensate drain piping shall be PVC #40 or copper drain waste and bent pipe and fittings. Insulate all condensate piping except exterior piping. Install all condensate piping for air conditioning units as required per local codes.
15. Furnish and install approved air chambers at each plumbing fixture and PDI approved shock arresters on main lines and risers.
16. Provide chrome plated combination cover plate and cleanout plug for all wall cleanouts, Joam 58890.
17. Insulate lines as follows:  
a) Hot water supply and return: 1" thick fiberglass.  
b) Condensate piping: 1/2" thick urethane preformed.

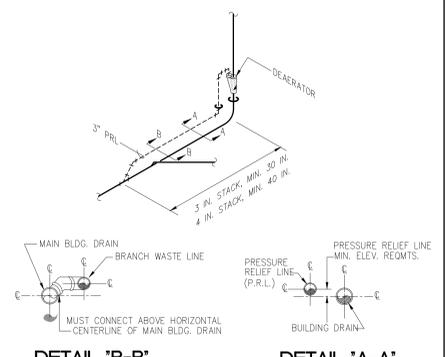


**SOVENT STACK OFFSETTING**  
N.T.S.

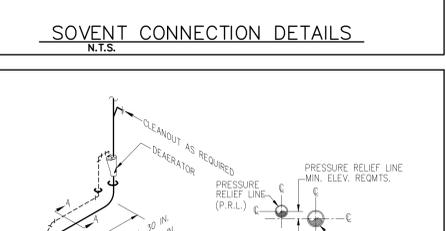


**FIXTURE DISTANCES FROM SOVENT STACK**  
N.T.S.

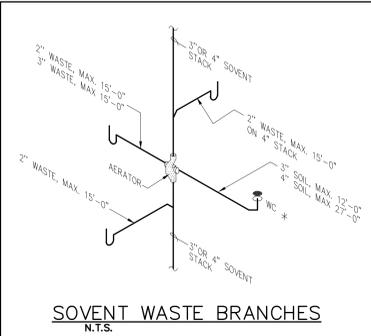
\* NOTE: SOVENT CRITERIA ALLOWS 27 FT. MAX. DISTANCE ON 4 IN. SOIL BRANCH. IT IS RECOMMENDED TO MAXIMIZE USE OF 3 IN. PIPE FOR 1.6 GPF TOILET SYSTEMS.



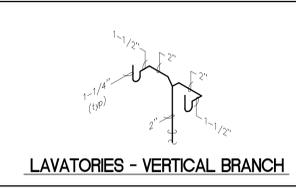
**SOVENT CONNECTION DETAILS**  
N.T.S.



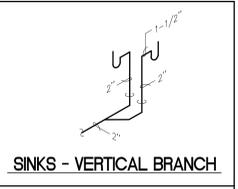
**HORIZONTAL LENGTH OF PRESSURE RELIEF LINE**  
N.T.S.



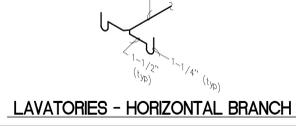
**SOVENT WASTE BRANCHES**  
N.T.S.



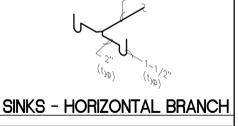
**LAVATORIES - VERTICAL BRANCH**



**SINKS - VERTICAL BRANCH**



**LAVATORIES - HORIZONTAL BRANCH**



**SINKS - HORIZONTAL BRANCH**

**SOVENT FIXTURE BRANCHES**  
N.T.S.

**SOVENT GENERAL NOTES:**

<b>RULES FOR SOVENT STACK AND AERATOR</b>	<b>THE DEAERATOR AND BUILDING DRAIN</b>	<b>RULES FOR BRANCHES</b>
<p>A1. THE STACK MUST BE SIZED BY FIXTURE UNIT LOAD USING TABLE B.</p> <p>A2. THE STACK SHALL CONTINUE THROUGH THE ROOF FULL SIZE, OR PER RULE A8.</p> <p>A3. AERATOR FITTINGS ARE REQUIRED AT EACH FLOOR WHEN HORIZONTAL BRANCHES ENTER THE STACK AS FOLLOWS: A. SOIL BRANCH B. SOIL BRANCH SAME SIZE AS STACK C. WASTE BRANCH ONE (1) PIPE SIZE SMALLER THAN STACK.</p> <p>A4. A DOUBLE IN LINE OFFSET MAY BE USED WHERE AN AERATOR IS NOT REQUIRED. THE DISTANCE BETWEEN THE AERATOR AND DOUBLE OFFSET IS 20'-0" MAXIMUM WITH NO MORE THAN TWO (2) CONSECUTIVE IN LINE OFFSETS ALLOWED.</p> <p>A5. A WASTE BRANCH TWO (2) SIZES SMALLER THAN THE STACK MAY BE CONNECTED DIRECTLY TO THE STACK WITHOUT AN AERATOR FITTING BY USING SANITARY FITTINGS.</p> <p>A6. STACK OFFSETS OF MORE THAN SIXTY DEGREES REQUIRE A DEAERATOR FITTING AND PRESSURE RELIEF LINE. SOIL OR WASTE BRANCHES CAN BE CONNECTED TO THE HORIZONTAL OFFSET BETWEEN THE VERTICAL STACK AND TERMINATION OF THE PRESSURE RELIEF LINE. THE HORIZONTAL PIPE MORE THAN SIXTY DEGREES SHALL BE SIZED BY TABLE "C", AND ALSO MAY REQUIRE RESIZING OF STACK. REFER TO TABLE B.</p> <p>A7. THE HOUSE DRAIN SYSTEM IS SIZED BY COMBINING ALL VERTICAL STACK, FIXTURE LOADS AS THEY CONNECT TO SYSTEM AND AS PER PREVAILING PLUMBING CODE.</p> <p>A8. STACKS MAY OFFSET ABOVE THE HIGHEST FIXTURE WHEN THE HORIZONTAL OFFSET EXCEEDS 20'-0". THE DIAMETER OF THE HORIZONTAL OFFSET AND THE VTR MUST BE INCREASED ONE PIPE SIZE.</p> <p>A9. STACKS MAY BE CONNECTED TOGETHER ABOVE HIGHEST FIXTURE BEFORE EXTENDING THROUGH THE ROOF. THE COMBINED VERTICAL STACK MUST BE ONE (1) PIPE SIZE LARGER THAN ANY OF THE COMBINED STACKS. IF THE DISTANCE BETWEEN TWO (2) STACKS TO BE CONNECTED IS GREATER THAN TWENTY FEET (20'-0") THE HORIZONTAL BRANCH MUST BE ONE (1) PIPE SIZE LARGER THAN THE DOWNSTREAM STACK.</p>	<p>B1. THE DEAERATOR FITTING MUST BE INSTALLED AT THE BASE OF THE VERTICAL STACK BEFORE IT ENTERS THE HORIZONTAL BUILDING DRAIN. IF THE VERTICAL DISTANCE TO THE CLOSEST AERATOR OR DOUBLE IN LINE OFFSET EXCEEDS TWENTY FEET (20'-0") AN IN LINE OFFSET MUST BE INSTALLED WITHIN FIVE FEET (5'-0") ABOVE THE DEAERATOR.</p> <p>B2. A PRESSURE RELIEF LINE SHALL EXTEND FROM THE DEAERATOR AND CONNECT TO THE HORIZONTAL BUILDING DRAIN AT A POINT 10 PIPE DIAMETERS FROM THE CENTER LINE OF THE STACK TO CONNECTION POINT. THE PRESSURE RELIEF LINE MAY RUN PARALLEL TO THE HORIZONTAL CENTER LINE OF THE STACK TO CONNECTION POINT. THE PRESSURE RELIEF LINE IS CONNECTED TO THE BUILDING DRAIN ABOVE THE CENTER LINE.</p> <p>B3. SOIL AND WASTE CONNECTIONS BETWEEN THE CENTER LINE OF THE SOVENT STACK AND TERMINATION POINT IN THE BUILDING DRAIN IS ALLOWED. CONNECTIONS MUST BE MADE ABOVE THE CENTER LINE OF THE BUILDING DRAIN.</p> <p>B4. WASTE BRANCHES CONNECTED TO THE PRESSURE RELIEF LINE SHALL BE ONE (1) PIPE SIZE SMALLER. NO CONNECTIONS SHOULD BE MADE IN THE VERTICAL RUN OF THE PRESSURE RELIEF LINE. BATTERY TYPE INSTALLATIONS AND CLOTHES WASHERS SHOULD NOT BE CONNECTED TO THE PRESSURE RELIEF LINE.</p> <p>B5. CONNECTIONS OF SOIL AND WASTE BRANCHES MAY BE MADE DOWN STREAM OF THE PRESSURE RELIEF LINE. CONVENTIONAL PLUMBING RULES APPLY. VENTS FROM THESE LINES MAY TIE INTO THE SOVENT STACK.</p> <p>B6. SOIL OR WASTE BRANCHES MAY BE CONNECTED DIRECTLY INTO THE VERTICAL STACK BELOW THE DEAERATOR. THE CONNECTIONS SHALL BE MADE USING SANITARY FITTINGS. CONNECTIONS OF THE STACK TO THE BUILDING DRAIN SHALL BE MADE USING COMBINATION WYE &amp; 1/8 BEND OR CONVENTIONAL PLUMBING PRACTICES. CHECK PREVAILING CODE.</p> <p>B7. REMOTE FIXTURES FROM THE SOVENT STACK WHERE SPACE OR OTHER CONDITIONS BECOME A PROBLEM MAY BE CONNECTED BY CONVENTIONAL PLUMBING PRACTICE WITH THE WASTE AND VENT SIZED BY PREVAILING CODE.</p>	<p>C1. MAXIMUM DEVELOPED LENGTH OF SOIL BRANCHES: A 3" SOIL BRANCH SHALL NOT EXCEED TWELVE FEET (12'-0"). A 4" SOIL BRANCH SHALL NOT EXCEED TWENTY-SEVEN FEET (27'-0"). THE VERTICAL DROP FROM TRAP ARMS OR FIXTURE ARE NOT INCLUDED IN THE MAXIMUM DEVELOPED LENGTHS.</p> <p>C2. THE MAXIMUM DEVELOPED LENGTH OF A 2" WASTE BRANCH FROM THE STACK SHALL NOT EXCEED FIFTEEN FEET (15'-0"). WASTE BRANCHES MUST BE TWO (2) PIPE SIZES SMALLER THAN THE STACK. THEY ARE CONNECTED TO VERTICAL DROPS FROM TRAP ARMS OR FIXTURES NOT INCLUDED IN DEVELOPED LENGTHS.</p> <p>C3. WHEN THREE (3) NINETY DEGREE CHANGES OF DIRECTION OCCUR IN A BRANCH THE SIZE MUST BE INCREASED ONE (1) PIPE SIZE AT THE NINETY DEGREE CLOSEST TO THE STACK. IF ON OF THE NINETY DEGREE CAN BE MADE USING TWO (2) ONE EIGHTH (1/8) BENDS OR 45 DEGREE BENDS) OR SHORT SWEEP THEN THE SIZE INCREASE DOES NOT APPLY.</p> <p>C4. ANY CONNECTION FROM HORIZONTAL TO HORIZONTAL SHALL BE MADE USING WYES OR COMBINATIONS.</p> <p>C5. THE LENGTH OF THE VERTICAL DROP INTO A HORIZONTAL BRANCH IS TEN FEET (10'-0") MAXIMUM. IF A LONGER DROP IS REQUIRED INCREASE DROP ONE (1) PIPE SIZE.</p> <p>C6. ONLY ONE AND ONE QUARTER (1 1/4") TRAPS MAY BE INSTALLED BACK TO BACK ON A SINGLE (2") VERTICAL DROP. THE TRAP ARM IS ALWAYS ONE (1) PIPE SIZE LARGER THAN THE TRAP. AN 1 1/4 X 1 1/2" TRAP CONNECT MAY BE MADE AT THE WALL. SINK TRAPS (1 1/2" AND LARGER) MUST BE INSTALLED USING SINGLE VERTICAL DROPS. DOMESTIC CLOTHES WASHERS ON A TWO INCH (2") WASTE SHALL NOT EXCEED FIVE FEET (5'-0") FROM STACK.</p> <p>C7. AN ALTERNATIVE TO INCREASING BRANCH SIZES IS USING A PRESSURE EQUALIZING LINE. THE PRESSURE EQUALIZING LINE SHALL BE ROUTED VERTICALLY AND HORIZONTALLY TO THE STACK ABOVE THE FLOOD RIM ON A HIGHER LEVEL.</p> <p>C8. WHEN A VERTICAL DROP OF A BRANCH EXCEEDS FORTY INCHES (40"), THE VERTICAL AND DOWNSTREAM PIPING SHALL BE INCREASED ONE PIPE SIZE. IF THE LOWER PORTION OF THE DROP IS MADE AT 45 DEGREES AND THE VERTICAL PORTION REMAINS LESS THAN FORTY INCHES (40") IN LENGTH NO INCREASE IS REQUIRED.</p>
<p><b>INSTALLATION NOTES:</b> INSTALL SE SOVENT (SESCO) TIT-RUFF SYSTEM IN ACCORDANCE TO DESIGN MANUAL 101/0 AND FOLLOW PIPING RECOMMENDATIONS FOR 1.6 GPF WATER CLOSETS AND CLOTHES WASHING MACHINE WASTES. SEE OTHER SPECIFICATION SECTION FOR SUPPORTS, HANGERS, FIRE RATED PIPE PENETRATIONS AND RELATED DWV REQUIREMENTS.</p>		

