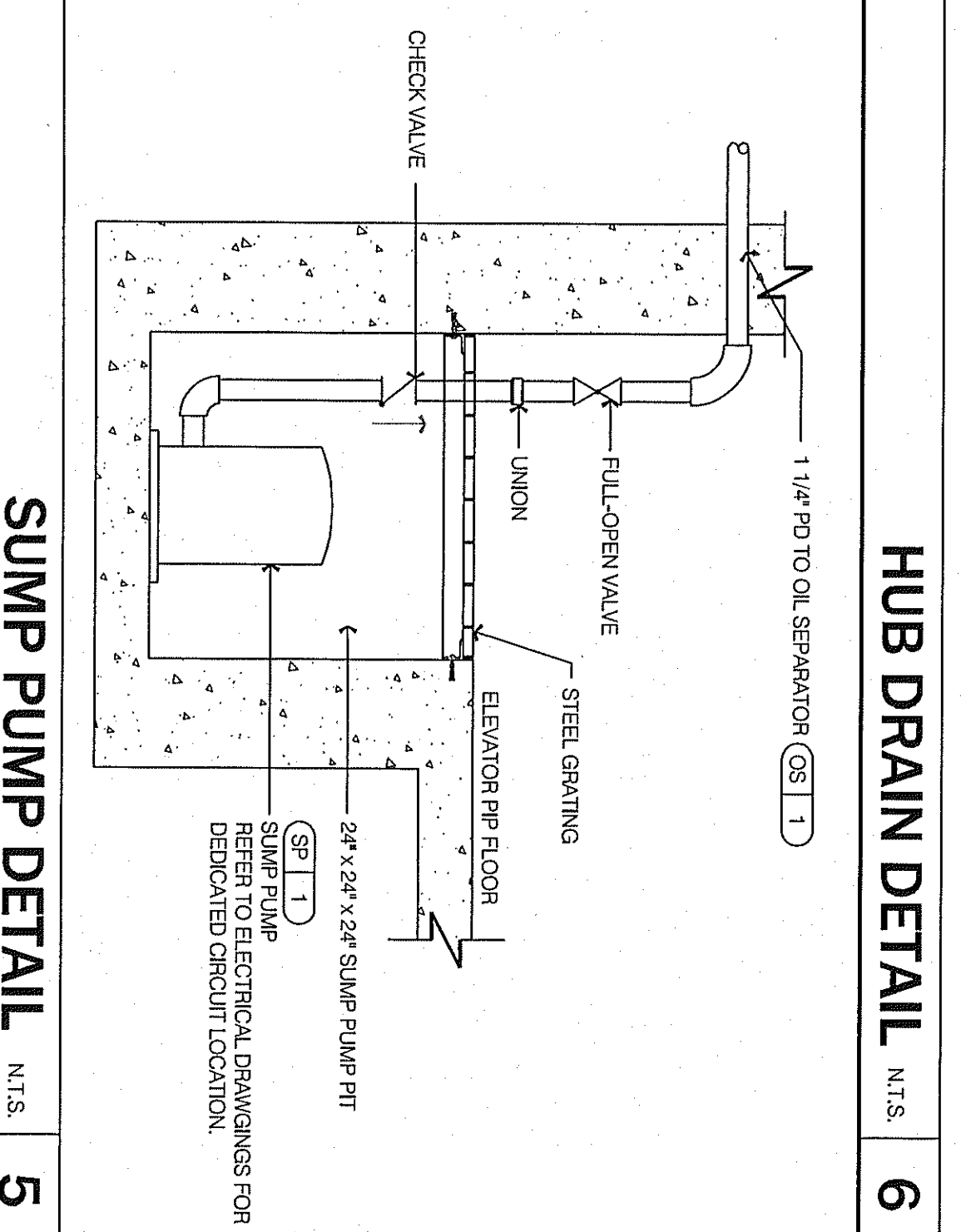
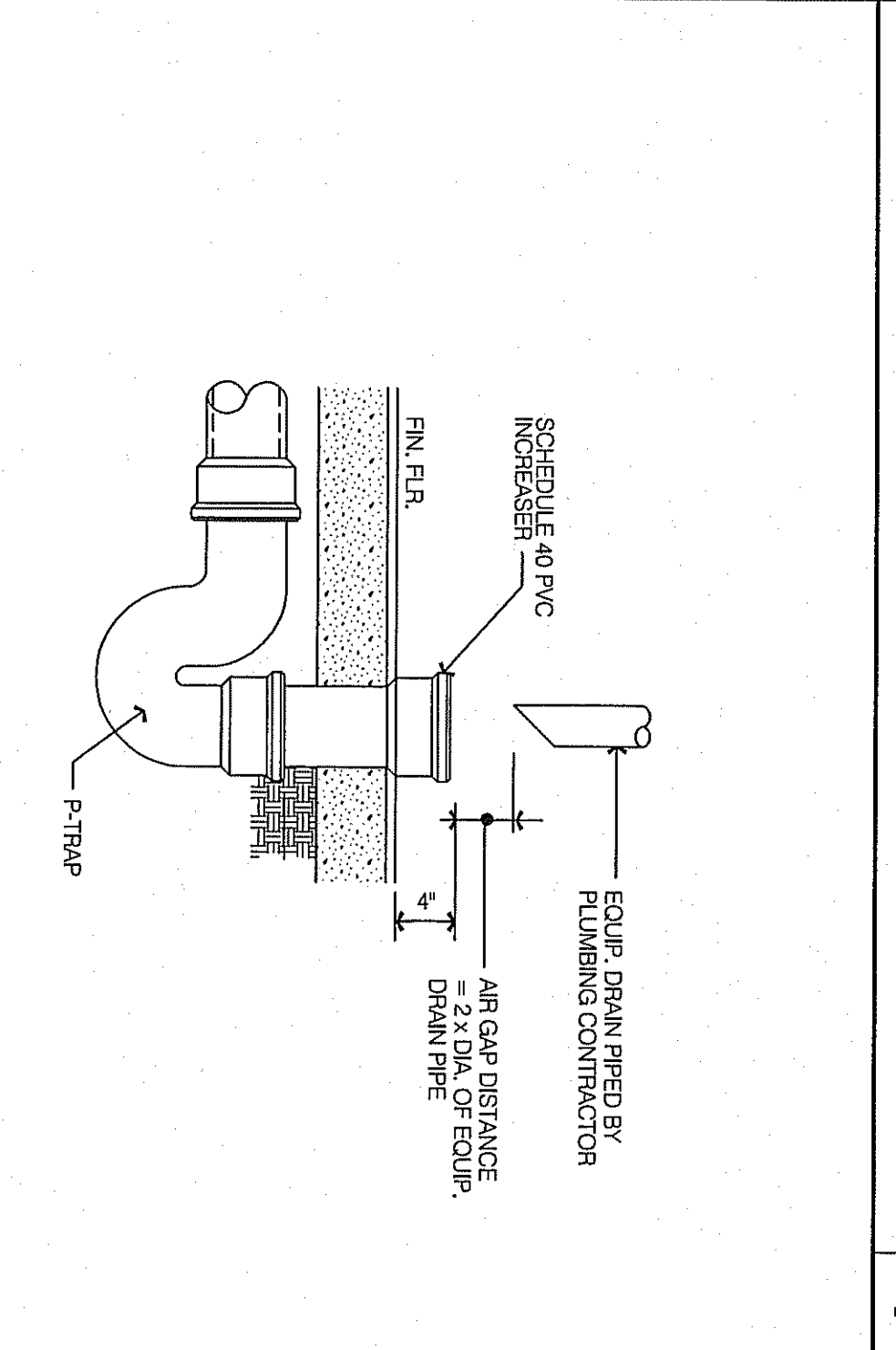
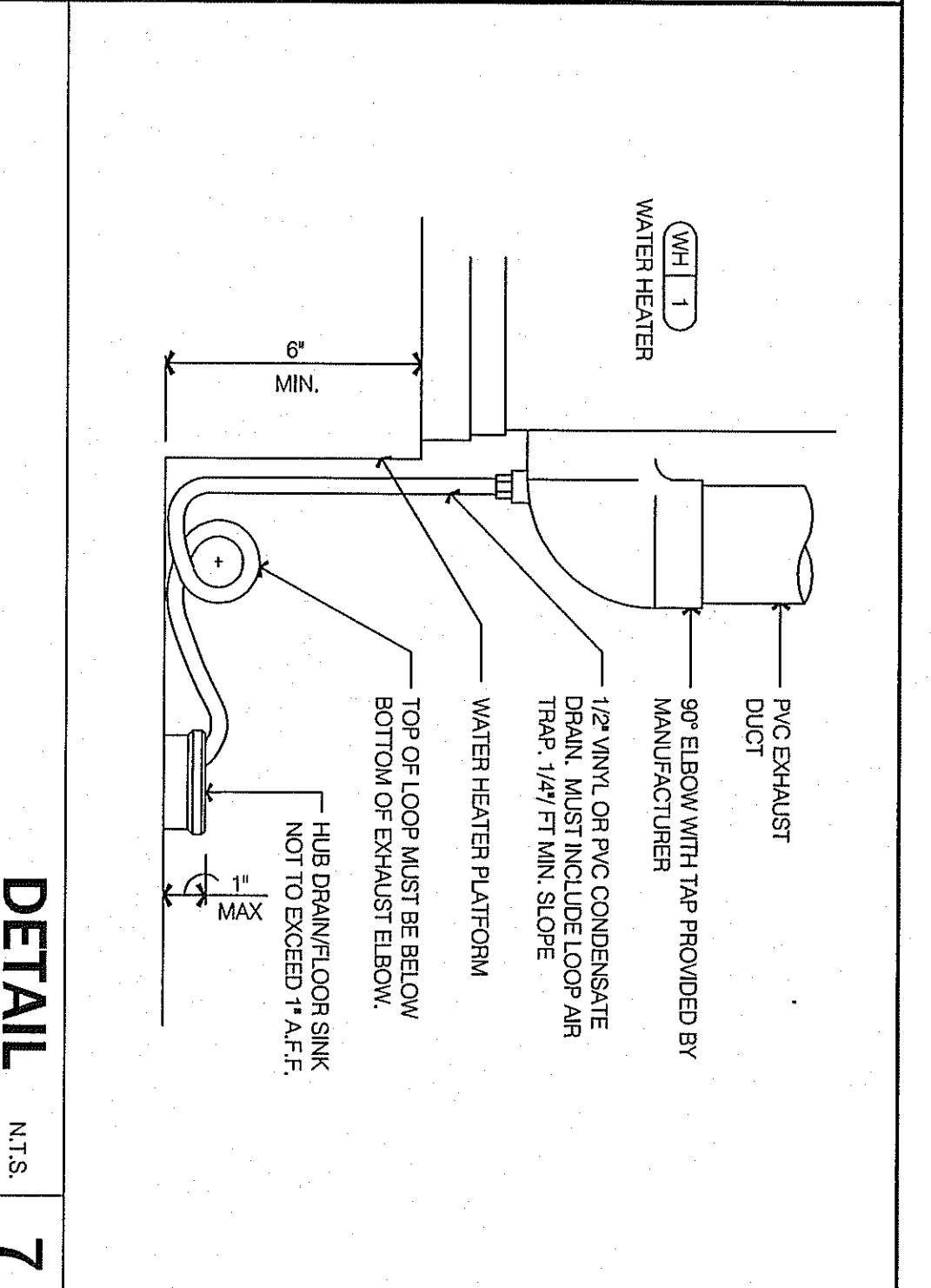


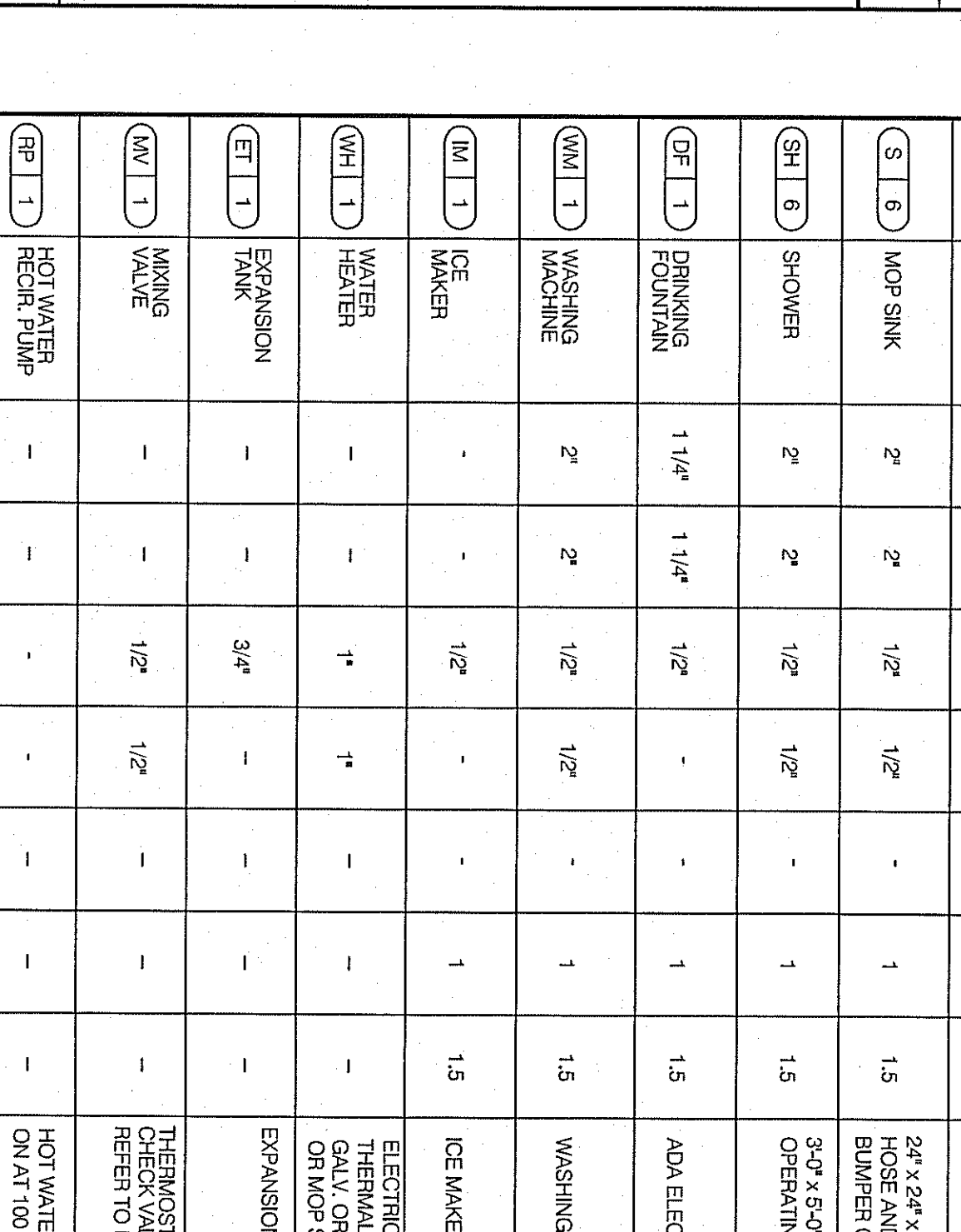
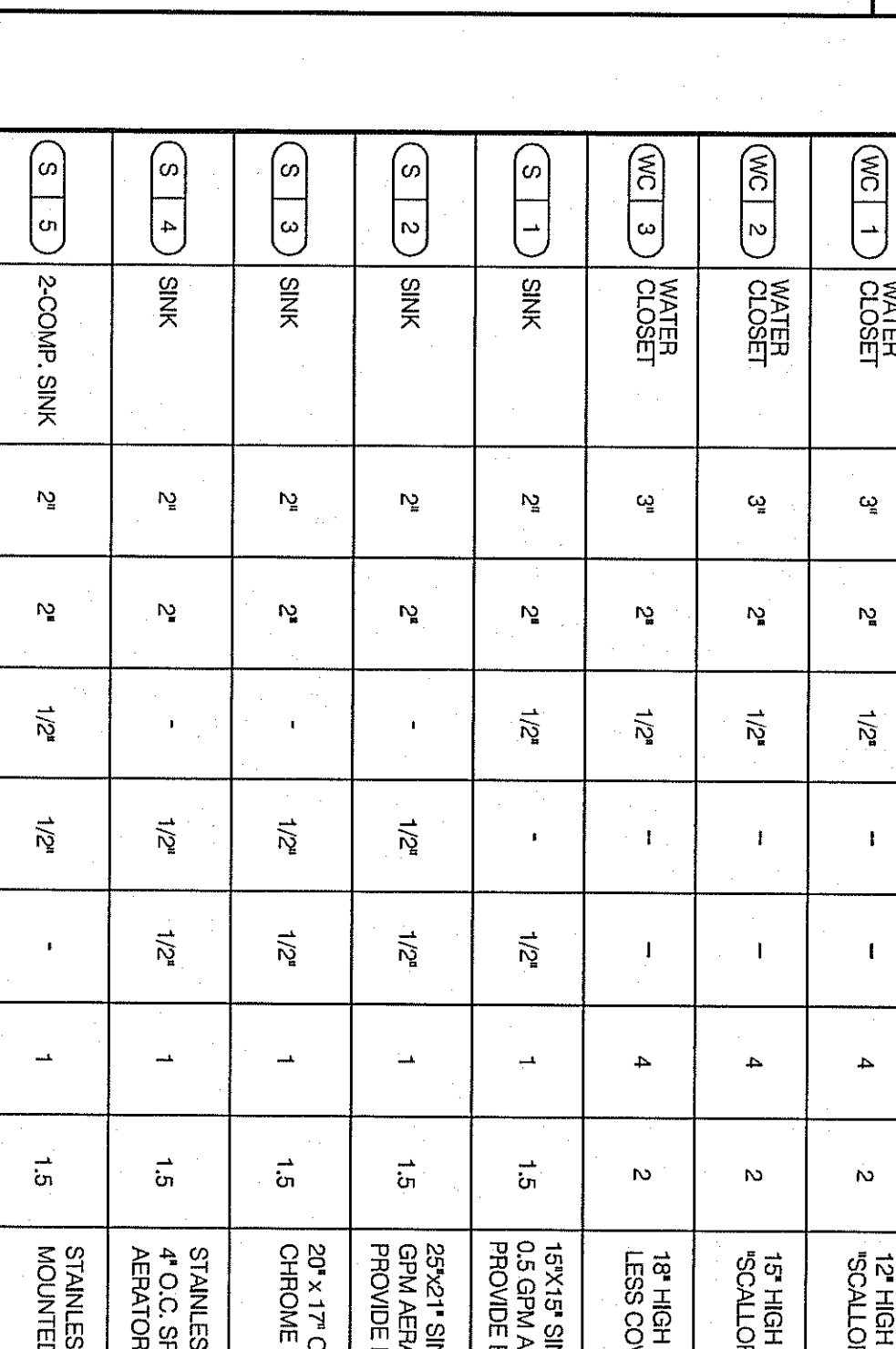
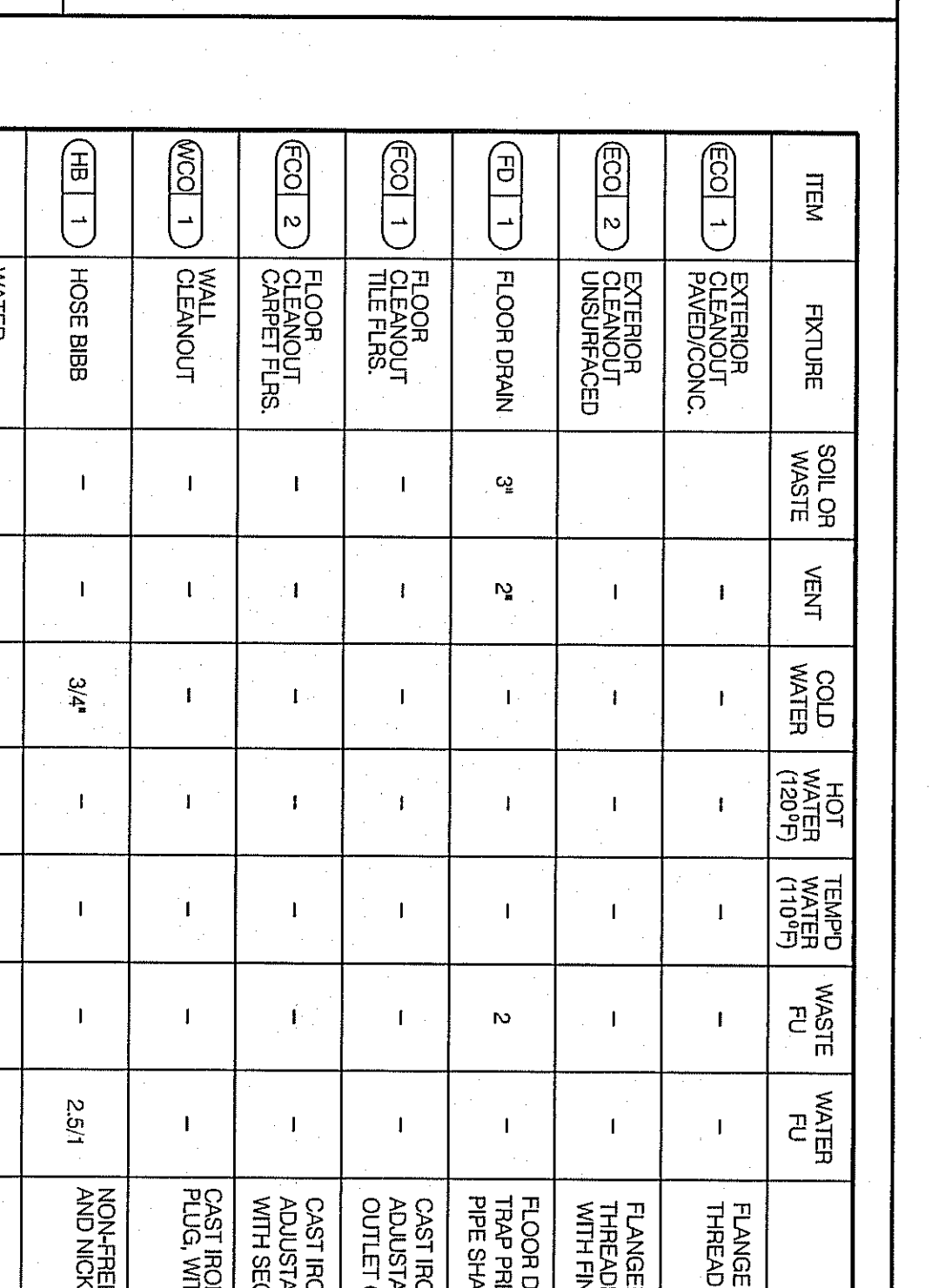
**NOT USED 12**

**PLUMBING LEGEND**

SYMBOLS	ABBREVI.	DESCRIPTION
Y.B.	YARD BOX	
R.D.	ROOF DRAIN	
A.P.	ACCESS PANEL	
V.T.R.	VENT THROUGH ROOF	
V.A.F.	VENT BELOW FLOOR	
U.T.R.	UP THROUGH ROOF	
A.C.	ABOVE CEILING	
B.G.	BELOW GROUND	
B.S.	BELOW SLAB	
(N)	NEW	
(E)	EXISTING	
F.D.	FLOOR DRAIN	
H.D.	HUB DRAIN	
O.P.D.	OVERFLOW DRAIN	
F.S.	FLOOR SINK	
R.H.P.	RAMP	
A.F.F.	ABOVE FINISHED FLOOR	
(X) (XXX)	PLUMBING EQUIPMENT DESIGNATION	
(XXX)	PLUMBING EQUIPMENT DESIGNATION	
SS	KITCHEN EQUIPMENT NUMBER - REFER TO KITCHEN EQUIP. DRAWINGS FOR DESCRIPTION.	
GW	SANITARY / WASTE STUB	
G	GREASE WASTE / WASTE STUB	
GW	WALL CLEANOUT	
GW	WALL CLEANOUT ON FLOOR/OUTLET TO	
W.C.	FLOOR CLEANOUT ON FLOOR/OUTLET TO	
W.C.	WALL CLEANOUT	
P.W.	FILTERED WATER	
T.W.	PREPARED THERMALLY TREATED WATER	
H.B.	HOSE BIBB	
S.O.V.	SHUT-OFF GATE VALVE	
S.O.C.	SHUT-OFF GAS COCK	
C.V.	CHECK VALVE	
P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE	
B.V.	BALL VALVE	
E.C.O.	EXTENSION CLEANOUT	
R.P.P.	BACKFLOW PREVENTER	
R.P.	BACKFLOW PREVENTER	

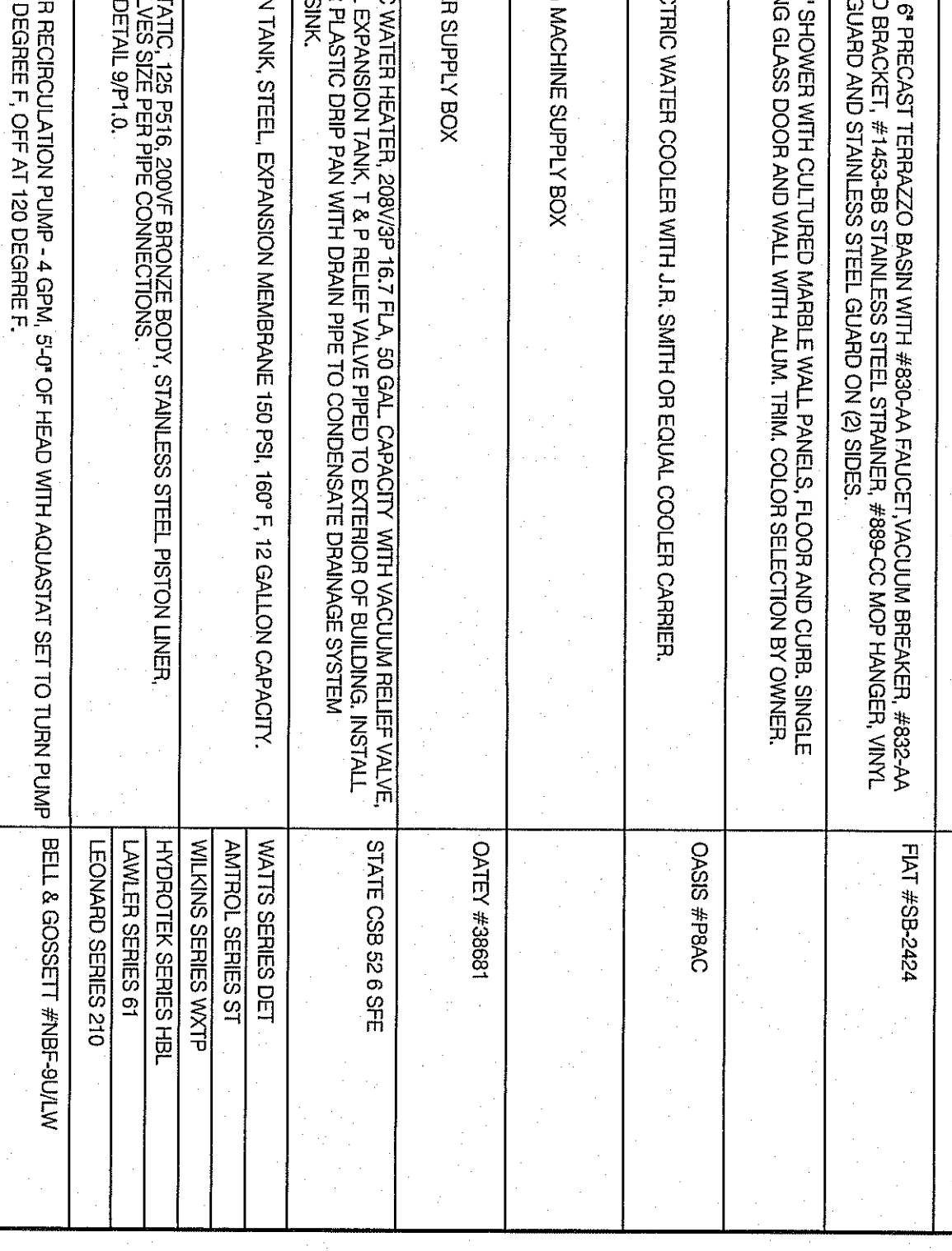
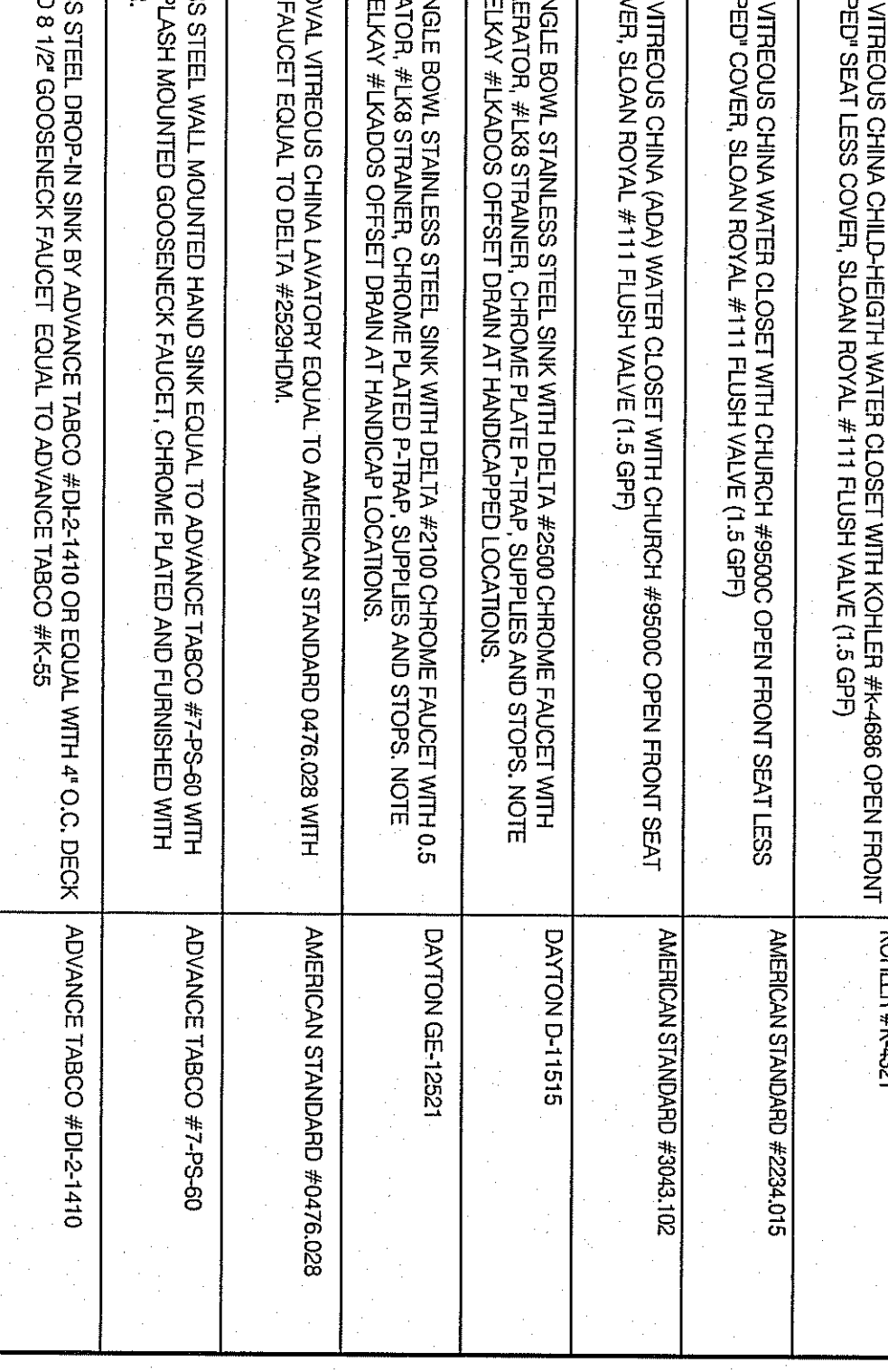
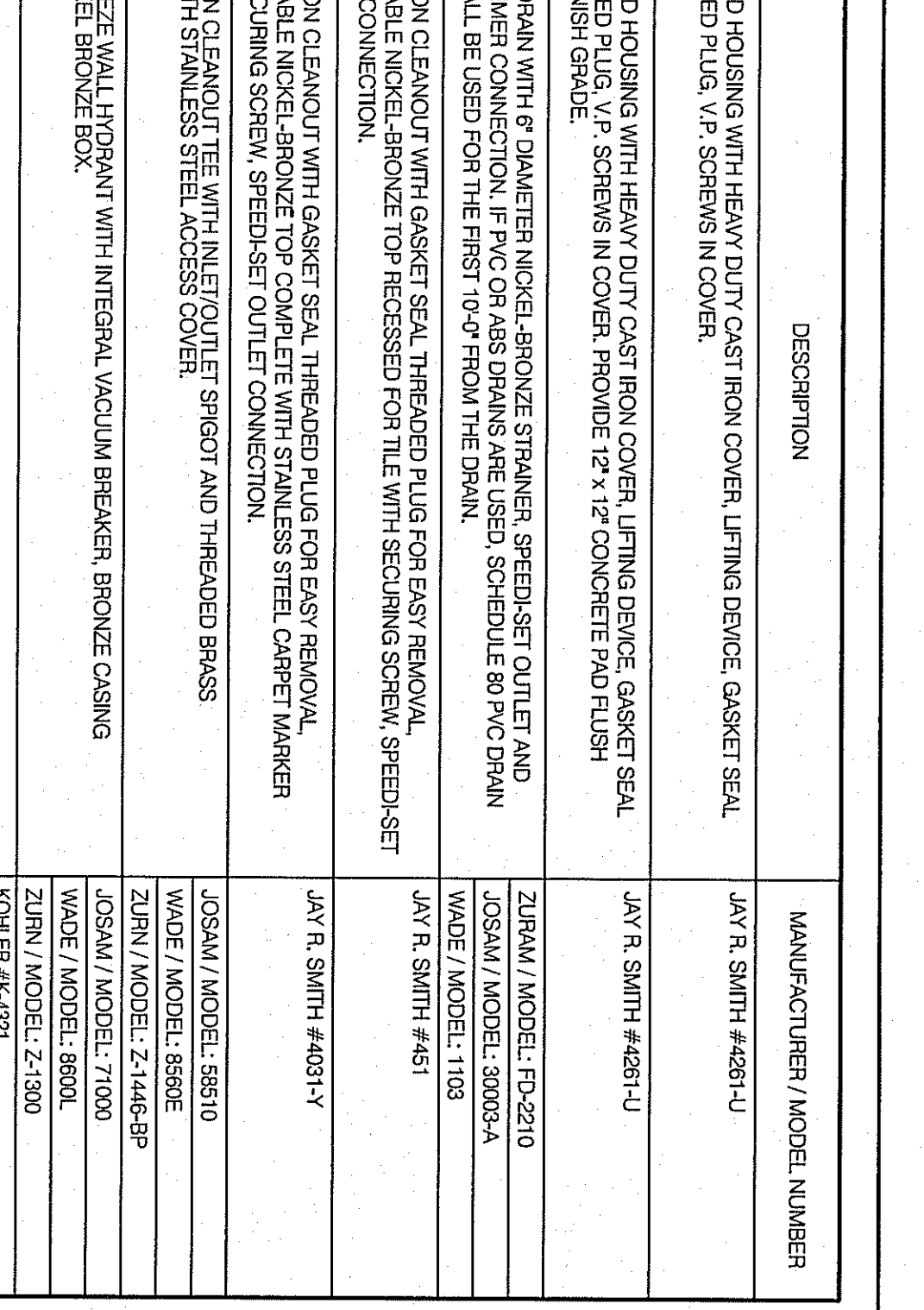


- GENERAL NOTES**
- PRIOR TO COMMENCING WORK ON THIS PROJECT, VISIT ALL SITES, LOCATIONS AND COMPARTMENTS OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS DIFFER FROM THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY.
  - COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY REMOVAL AND REPAIR WORK.
  - WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC PIPE AND FITTINGS WITH SOLVENT WELD JOINTS. APPROXIMATE RINGS 3" OR LESS SHALL DRAIN AT A GRADE OF 1/4" PER FOOT AND RUNS 4" OR MORE SHALL DRAIN AT A GRADE OF 1/8" PER FOOT.
  - SANITARY WASTE VENTS ARE TO BE SEPARATE FROM GREASE WASTE VENT.
  - ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
  - ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
  - ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNER'S REPRESENTATIVE PRIOR TO ANY INSTALLATION.
  - PROVIDE COMPENSATE DRAIN FROM AC UNITS TO APPROVED DRAIN POINT. COMPENSATE DRAINING PIPING SHALL BE TYPE 'K' COPPER TUBING WITH WOLFOLOTT COPPER WELD FITTINGS JOINED WITH 90° ELBOWS OR SCHEDULE 40 PVC 'K' CONDENSATE LINES ARE LOCATED INSIDE THE BUILDING ABOVE FINISHED CEILING. INSULATE WITH 1" ENTRANCE MANIFOLD.
  - PROVIDE BACKFLOW PREVENTION DEVICE IN MAIN WATER SERVICE ENTERS AT METER, OUTSIDE OF AT WATER SERVICE.
  - ABOVE GROUND WATER SUPPLY LINES SHALL BE TYPE 'L' COPPER WITH LEAD-FREE SOLDER JOINTS. BELOW GROUND WATER SUPPLY LINES SHALL BE TYPE 'K' COPPER WITH LEAD-FREE SOLDER JOINTS. BELOW GROUND WATER PIPING TO ASYM. P-42, AND TURNING TO ASYM. B-8.
  - PROVIDE TRAP PRIMERS AT ALL FLOOR DRAINS.
  - ALL DOMESTIC WATER AND FIRE SPRINKLER PIPING IN ATTIC SHALL BE PROTECTED FROM FREEZING. INSULATE WITH 2" POLYURETHANE INSULATION.
  - INSULATE HOT AND TEMPER WATER LINES WITH 1" INSULATION.
  - INSULATE HOT AND TEMPER WATER LINES WITH 1" INSULATION.
  - INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FURNACE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
  - ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE FLOORS, DO NOT USE CEMENT OR EXPANDING FOAM FOR SEALANT.
  - ABOVE GROUND GAS PIPING SHALL BE SCHEDULE 40 CARBON STEEL (ASTM A53) WITH TALLABLE FROM THE TOP OF THE PIPING TO THE GROUND. ALL GAS PIPING SHALL BE INSTALLED WITH PROTECTIVE COATING AND PROTECTIVE WRAP APPLIED TO ALL EXPOSED GAS PIPING. ALL GAS PIPING SHALL BE INSTALLED WITH PROTECTIVE COATING AND PROTECTIVE WRAP APPLIED TO ALL EXPOSED GAS PIPING. ALL GAS PIPING SHALL BE INSTALLED WITH PROTECTIVE COATING AND PROTECTIVE WRAP APPLIED TO ALL EXPOSED GAS PIPING.
  - SEISMIC RESTRAINTS SHALL NOT BE REQUIRED FOR PIPING SUPPORTED BY INDEPENDENT HANGERS 12" OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT & 12" OVER HANGER PIPE. RESTRAINTS SHALL NOT BE REQUIRED FOR PIPING SUPPORTED BY INDEPENDENT HANGERS WHERE POSSIBLE ON HANGERS THE RESTRAINTS.
  - ROOF DRAIN DIMENSIONS ARE FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO COORDINATE WITH ARCHITECT FOR ROOF DRAIN AND PENETRATION WALL LOADS FROM ROOF DRAIN CONNECTIONS. TECHNICAL CUT SHEETS AND SHOP DRAWINGS, THEIR APPROVAL SHALL BE OBTAINED FROM ARCHITECT. ALL ROOF DRAIN CONNECTIONS ARE ORDERED BUILT, OR INSTALLED, SUBMIT (9) COPIES, AND ALL TUBS SHALL BE TAGGED AS PER PLUMBING LEGEND.
  - PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. ALL PERMITS AND APPROVALS SHALL BE OBTAINED PRIOR TO COMMENCING WORK.
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**PLUMBING FIXTURE SCHEDULE**

ITEM	QUANTITY	DESCRIPTION	MANUFACTURER / MODEL NUMBER
EQ 1	1	EXPANSION TANK, 2.5 GPM CAPACITY	WATTS / MODEL: 2500
EQ 2	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 3	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 4	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 5	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 6	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 7	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 8	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 9	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 10	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 11	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 12	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 13	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 14	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 15	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 16	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 17	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 18	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 19	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 20	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 21	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 22	1	TRAP PRIMER	JAY R. SMITH #4281-U
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EQ 99	1	TRAP PRIMER	JAY R. SMITH #4281-U
EQ 100	1	TRAP PRIMER	JAY R. SMITH #4281-U



**PLUMBING FIXTURE SCHEDULE**

FIXTURE	NO.	DRAIN	COLD WATER	HOT WATER	TOTAL
WATER CLOSETS	22	4.0	88	2.0	44
SINKS	24	1.0	24	1.5	36
2-COMPARTMENT SINK	2	1.0	1	3.0	3.0
W.C. SINK	2	2.0	4	4.5	2.5
FLOOR DRAINS	24	2.0	8	-	-
HUB DRAINS	4	2.0	8	-	-
TOTALS	-	133	85.5	43.5	-

DRAIN: 1.33 F.U. = 82.5 GPM USE # SANITARY WATER  
WATER: 128.75 F.U. USE # DOMESTIC WATER

**dennis j. dubey, architect**

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 6505 Georgia Highway 506  
 Phone: (878) 446-0505  
 E-Mail: djdarch@bellsouth.net

NOT RELEASED FOR CONSTRUCTION

PROFESSIONAL SEAL

**PROJECT LOCATION**

3662 OLD ANITA ROAD  
 COLUMBIA, GA 30011

**Monessori Kids Academy**

**PLUMBING FIXTURE SCHEDULE**

DATE: 8-17-09  
 PROJECT NO.: 29001  
 SHEET NO.: P1.0