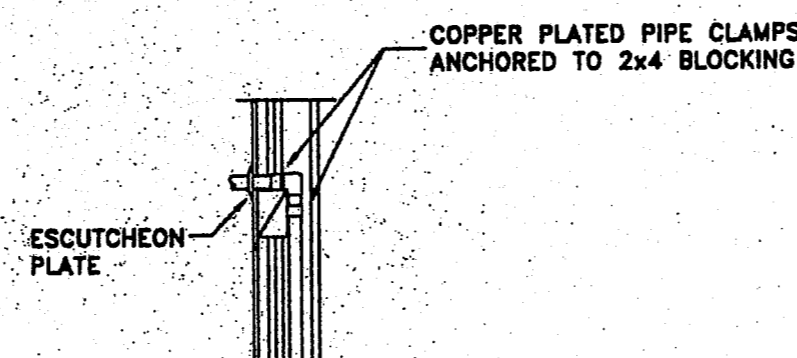


GENERAL PLUMBING NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING AND ARE FOR BIDDING PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE DETAILED SHOP DRAWINGS AND CONFIRM SPACE ALLOCATIONS.
- ALL WORK SHALL CONFORM TO THE PLUMBING CODE, LOCAL AND STATE BUILDING CODES AND HEALTH REGULATIONS HAVING JURISDICTION.
- CONTRACTOR SHALL OBTAIN ALL FIELD APPROVALS AND PERMITS FROM GOVERNING AGENCIES AS REQUIRED.
- ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FOOD PREP EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR ALL ROUGH-INS.
- FURNISH AND/OR INSTALL ALL NECESSARY VALVES, TRAPS, FLOW CONTROLS, FILTERS, BACKFLOW PREVENTERS, FAUCETS, STOPS, TAILPIECES, VACUUM BREAKERS, ETC. IF NOT FURNISHED ON OR WITH EQUIPMENT.
- FURNISH AND INSTALL HAND SHUT-OFF VALVES ON ALL HOT AND COLD WATER LINES AT STUD-IN AREAS AS SHOWN ON PLANS.
- ALL WASTE AND VENT SHALL BE CAST IRON (PVC-DWV MAY BE USED WHERE ALLOWED BY CODE).
- INSULATE ALL DRAIN AND WATER LINES FROM ICE MACHINES WITH 1/2" THICK ARMAFLEX.
- FURNISH AND INSTALL WATER AND DRAIN PIPING FROM ALL FOOD PREP EQUIPMENT WHETHER OR NOT SHOWN ON DRAWINGS.
- FURNISH AND INSTALL APPROVED CHROME PLATED TYPE VACUUM BREAKERS WHERE REQUIRED BY CODE AND AS SHOWN ON PLANS. CONTRACTOR SHALL VERIFY ALL FLOW LINES PRIOR TO ROUGHING IN.
- CONTRACTOR MAY RE-LAYOUT TO HIS ADVANTAGE, CODE EQUIVALENT PLUMBING SO AS TO REDUCE INSTALLATION COSTS, OR TO REROUTE TO AVOID CONFLICTS WITH OTHER TRADES AFTER FIRST RECEIVING APPROVAL OF ARCHITECT/ENGINEER.
- PLUMBING CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL VOLTAGES, ELECTRICAL LOADS, ETC. OF ALL ELECTRICALLY OPERATED EQUIPMENT PRIOR TO ORDERING EQUIPMENT.
- SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL BLDG. DIMENSIONS, DETAILS, ELEVATIONS AND EXACT LOCATION OF PLUMBING FIXTURES.
- PLUMBING CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, HVAC, SPRINKLER AND ALL OTHER TRADES FOR PIPE ROUTING AND EQUIPMENT PLACEMENT. AVOID INTERFERENCE WITH ARCHITECTURAL FEATURES, BEAMS, FOOTINGS, WINDOWS, ETC. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
- SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THRU STRUCTURE. SLEEVES SHALL BE EQUAL TO PROJECT.
- ALL OPENINGS THRU RATED WALLS OR FLOORS SHALL BE SEALED WITH AN APPROVED FIREPROOFING TO MAINTAIN THE INTEGRITY OF THE WALL OR FLOOR.
- PROVIDE MANUFACTURED COMPATIBLE PIPE HANGERS, RODS AND INSERTS, OR CLAMPS FOR THE PROPER SUPPORT OF ALL PIPING.
- BAND IRON, TIE WIRE, METAL STRAPPING OR WIRE STRAPPING WILL NOT BE PERMITTED.
- PROVIDE SUITABLE BACKING AND SUPPORT FOR ALL EQUIPMENT.
- PIPE VIBRATION AND/OR PIPE SWAY WILL NOT BE PERMITTED.
- ALL VTR'S SHALL BE A MINIMUM OF 15'-0" OR AS REQUIRED BY CODE FROM A/C INTAKES.
- OFFSET ALL VTR'S AS REQUIRED WHETHER OR NOT SHOWN ON DRAWINGS.
- PROVIDE ALL VTR'S WITH A LB. HIGH BOOT LEAD FLASHING OR AS REQUIRED BY ROOFING MANUFACTURER.
- ALL PIPING SHALL BE LABELED.
- PLUMBING CONTRACTOR SHALL FURNISH ACCESS PANELS TO BE INSTALLED BY GENERAL CONTRACTOR AS REQUIRED FOR PLUMBING INSTALLATIONS. ALL VALVES AND SHUTSTOPS SHALL BE ACCESSIBLE.
- ALL WATER LINES NOT PROVIDED WITH SHUTSTOPS SHALL HAVE AIR CUSHIONS.
- PROVIDE LEAD FLASHING FOR ALL FLOOR DRAINS.
- COORDINATE LOCATIONS WITH HVAC CONTRACTOR.
- ANY PIPING SUBJECT TO FREEZING SHALL BE WRAPPED WITH HEAT TAPE AND INSULATED WHETHER OR NOT SHOWN ON THE PLANS. HEAT TAPE SHALL BE EQUAL TO RAYCHEM "XL TRACE".
- PROVIDE CLEANOUTS AT THE BASE OF ALL STACKS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ALL SLEEVE LOCATIONS, ETC. TO STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO STARTING ANY WORK.
- UPON COMPLETION OF THE WORK COVERED BY THIS CONTRACT, FURNISH THE OWNER WITH ONE COMPLETE SET OF REPRODUCIBLE "AS-BUILT" DRAWINGS WHICH SHOW ALL PLUMBING INSTALLED UNDER THIS CONTRACT.

LEGEND	
SYMBOL	DESCRIPTION
---	SOIL OR WASTE (W)
---	VENT (V)
---	COLD WATER (CW)
---	120° HOT WATER (HW)
---	120° HOT WATER RETURN (HWR)
160°	160° HOT WATER (160° HW)
160°	160° HOT WATER RETURN (160° HWR)
---	BALL VALVE OR BALANCING COCK (THREE PIECE FULL PORT)
---	GATE VALVE (2 1/2" AND LARGER)
---	CHECK VALVE
---	UNION
F.C.O.	FLOOR CLEANOUT
G.C.O.	GRADE CLEANOUT
W.C.O.	WALL CLEANOUT
F.D.	FLOOR DRAIN
L-1	PLUMBING FIXTURE
N.F.W.H.	NON-FREEZE WALL HYDRANT
R.F.B.P.	BACKFLOW PREVENTER
V.T.R.	VENT THRU ROOF
H.B.	HOSE BIBB

NOTE:
WHERE ACCESS PANELS ARE USED IN RATED CHASE WALLS INSTEAD OF W.C.O.'S ACCESS PANELS SHALL BE 8"x8" U.L. APPROVED AND AS SELECTED BY ARCHITECT



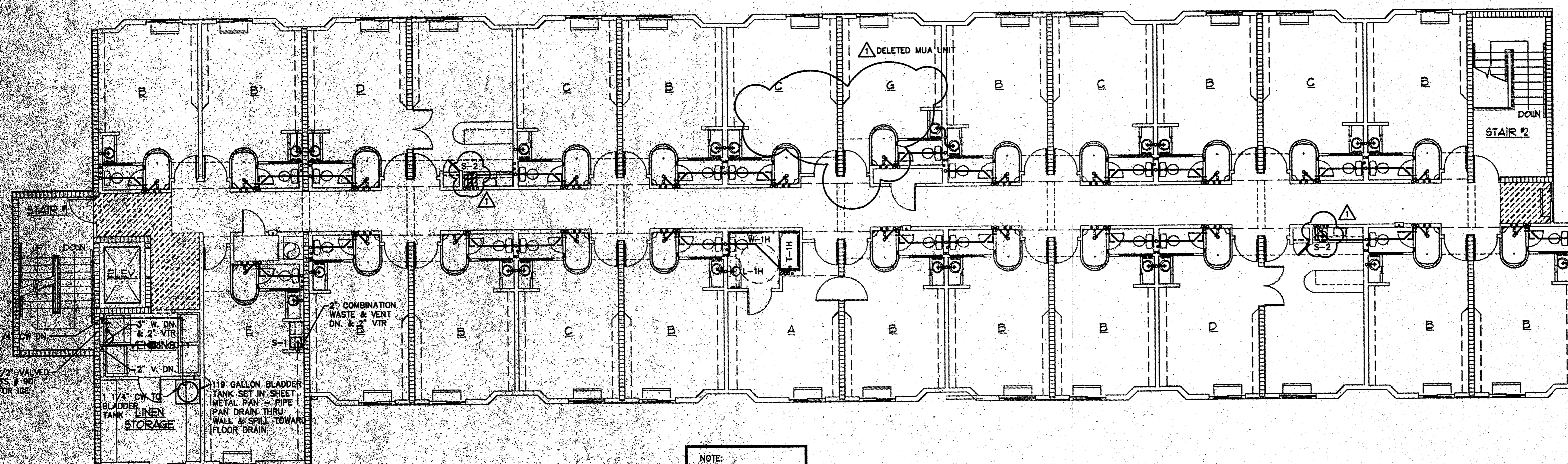
SHOWER ARM ANCHOR DETAIL
NOT TO SCALE

DRAIN, CLEANOUT AND HYDRANT SCHEDULE			
SYMBOL	FIXTURE	MANUF.	DESCRIPTION
NFWH	WALL HYDRANT	WOODFORD	MODEL 65 SERIES NON-FREEZE ANTI-SIPHON WALL HYDRANT WITH BRONZE CASING & INTEGRAL BACKFLOW PREVENTER
FCO	FLOOR CLEANOUT	WADE	#W-6030 CAST IRON CLEANOUT WITH SECURED SCORIATED COVER
WCO	WALL CLEANOUT	WADE	#W-8450-R FOR DRY OR BLOCK WALL CONSTRUCTION OR #W-8450-130-C FOR PLASTER OR TILE WALL CONSTRUCTION
GCO	GRADE CLEANOUT	WADE	#W-6030-Z CAST IRON C.O. WITH LOOSE SET TRACTOR TOP SET IN 12"x12"x6" CONCRETE PAD
FD-1	FLOOR DRAIN	WADE	#W-1100 CAST IRON FLOOR DRAIN WITH SATIN NICKEL BRONZE STRAINER AND #27 SEDIMENT BUCKET
FD-2	FLOOR DRAIN	WADE	#W-3200 CAST IRON DRAIN W/ DOME STRAINER
RD	ROOF DRAIN	WADE	#W-3000 CAST IRON ROOF DRAIN W/ CAST IRON DOME
HB	HOSE BIBB	CHICAGO	#387 CHROME PLATED HOSE BIBB WITH #E27 SPOUT OUTLET VACUUM BREAKER
RFBP	BACKFLOW PREVENTER	WATTS	#809S-OT REDUCED PRESSURE PRINCIPLE TYPE BACKFLOW PREVENTER WITH STRAINER
---	TRAP PRIMER	WADE	#W-2400-103 CHROME PLATED TRAP PRIMER VALVE WITH VACUUM BREAKER

- NOTES:
- PROVIDE TRAP PRIMER FOR FLOOR DRAINS. LOCATE TRAP PRIMER VALVE AT NEAREST LAV. OR SINK AND RUN 1/2" "K" COPPER TO FLOOR DRAIN. PROVIDE FLOOR DRAIN W/ TRAP PRIMER CONNECTION. ALL EXPOSED PIPING SHALL BE KEPT TO A MINIMUM AND SHALL BE CHROME PLATED. SEE DETAIL.
 - ALL FLOOR CLEANOUTS IN CARPETED AREAS SHALL BE PROVIDED WITH CARPET MARKERS.

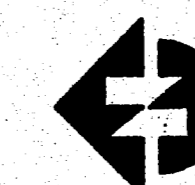
PLUMBING FIXTURE SCHEDULE			
SEE ARCHITECTURAL PLANS FOR EXACT HEIGHT AND LOCATION OF ALL FIXTURES			
SYMBOL	TRAP	SUPPLY	DESCRIPTION
W-1	---	3/8"x1/2"	TYPICAL GUEST UNIT WATER CLOSET
W-1H	---	3/8"x1/2"	HANDICAP WATER CLOSET
L-1	1 1/4"	3/8"x1/2"	TYPICAL GUEST UNIT LAVATORY
L-1H	1 1/4"	3/8"x1/2"	HANDICAP LAVATORY
L-2H	1 1/4"	3/8"x1/2"	HANDICAP WALL HUNG LAVATORY
SH-1	2"	1/2" W/STOPS	TYPICAL GUEST UNIT SHOWER PLUMBING CONTRACTOR TO FURNISH & INSTALL AQUAGLASS SHOWER DRAIN
SH-1H	2"	1/2" W/STOPS	HANDICAP SHOWER PLUMBING CONTRACTOR TO FURNISH & INSTALL AQUAGLASS SHOWER DRAIN
T-1H	2"	1/2"	HANDICAP TUB
S-1	1 1/2"	1/2"	BAR SINK
S-2	1 1/2"	1/2"	ONE COMPARTMENT KITCHEN SINK
S-3	1 1/2"	1/2"	LAUNDRY SINK
DF-1H	1 1/4"	3/8"x1/2"	HANDICAP ELECTRIC DRINKING FOUNTAIN

- NOTES:
- PROVIDE TRUEBRO HANDI-LAY GUARD INSULATION KIT FOR DRAIN LINE, TRAP & SUPPLIES ON L-1H AND L-2H LAVATORIES
 - ALL SUPPLIES SHALL BE CHROME PLATED I.P.S. BRASS. PLASTIC SUPPLIES ARE NOT ACCEPTABLE. NO EXCEPTIONS.
 - PROVIDE ALL BOLT CAPS, STRAINERS, TAILPIECES, TRAPS, SUPPLIES, ETC. NECESSARY FOR A COMPLETE INSTALLATION.



NOTE:
SEE SHEET P1.5 FOR ENLARGED PLANS & RISER DIAGRAMS OF TYPICAL GUEST UNITS

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



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job: 1697
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scale: 1/8" = 1'-0"

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