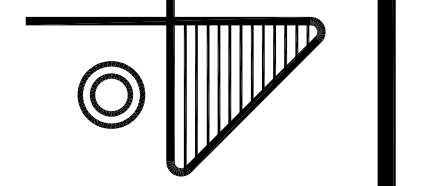


AP Construction Contractor, LLC
439 River Isle Ct.
Longwood, Florida 32779

New Control Room
FOR
Florida Caribbean Distillers Co
425 Recker Highway, Auburndale, Polk County, Florida

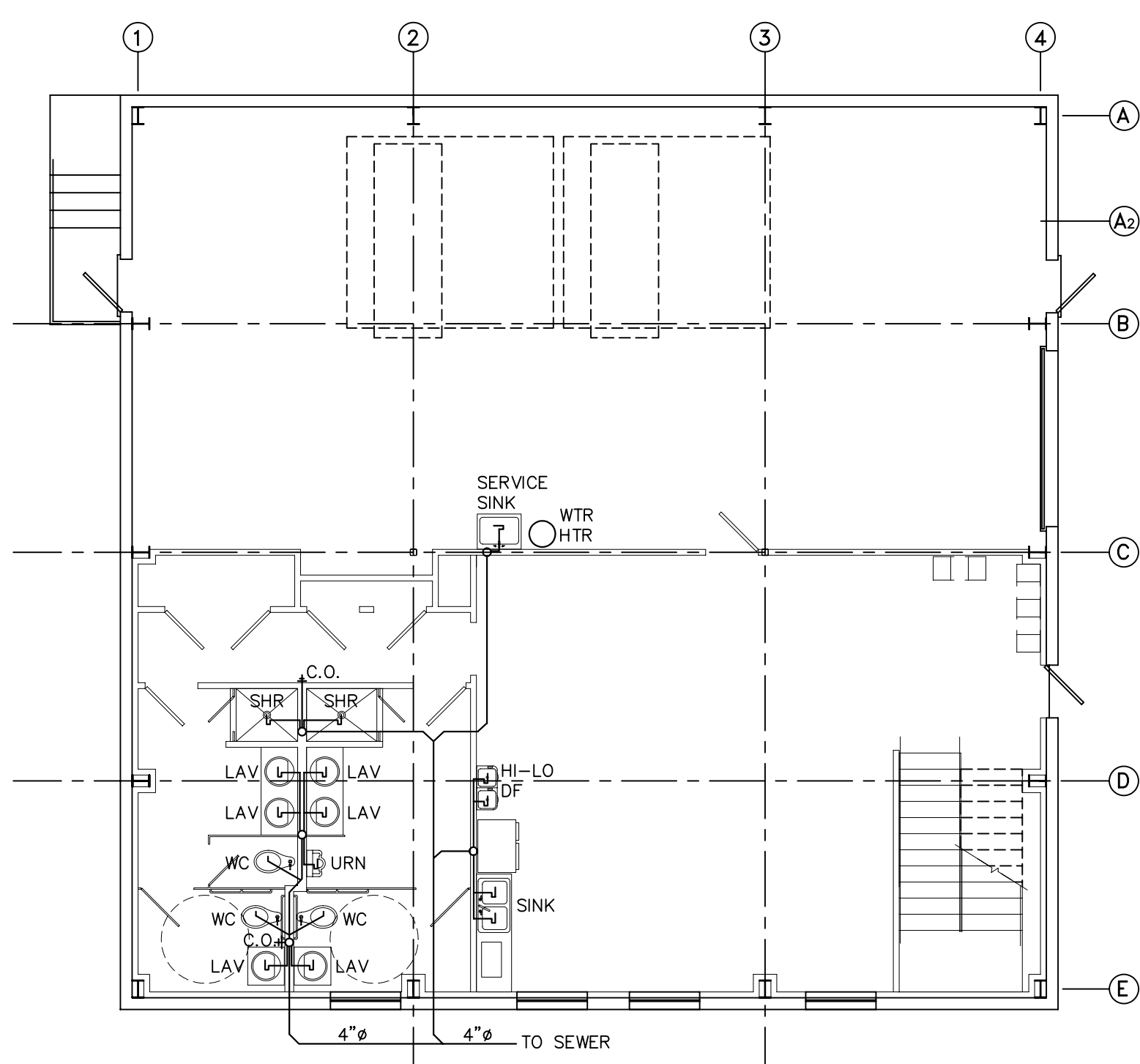
JULIAN J. GARCIA
Architect - Engineer
709 West Central Avenue • Winter Haven, Florida 33880
Phone: (863) 294-1780
Web Site: jgarcia.com
Email: architect@jgarcia.com



THESE PLANS ARE NOT VALID UNLESS THEY ARE SIGNED AND SEALED
Signature: _____

DRAWN	JUG
CHECKED	JUG
DATE	10/25/19
SCALE	AS SHOWN
JOB NUMBER	1804908C-Auburndale
SHEET	8

ALL CONTRACTORS AND SUB-CONTRACTORS ARE TO REVIEW THE ENTIRE SET OF PLANS INCLUDING THE GENERAL NOTES AND NOTES AND OTHER INFORMATION IN THESE PLANS PRIOR TO AND DURING CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY - DO NOT SCALE DRAWINGS.

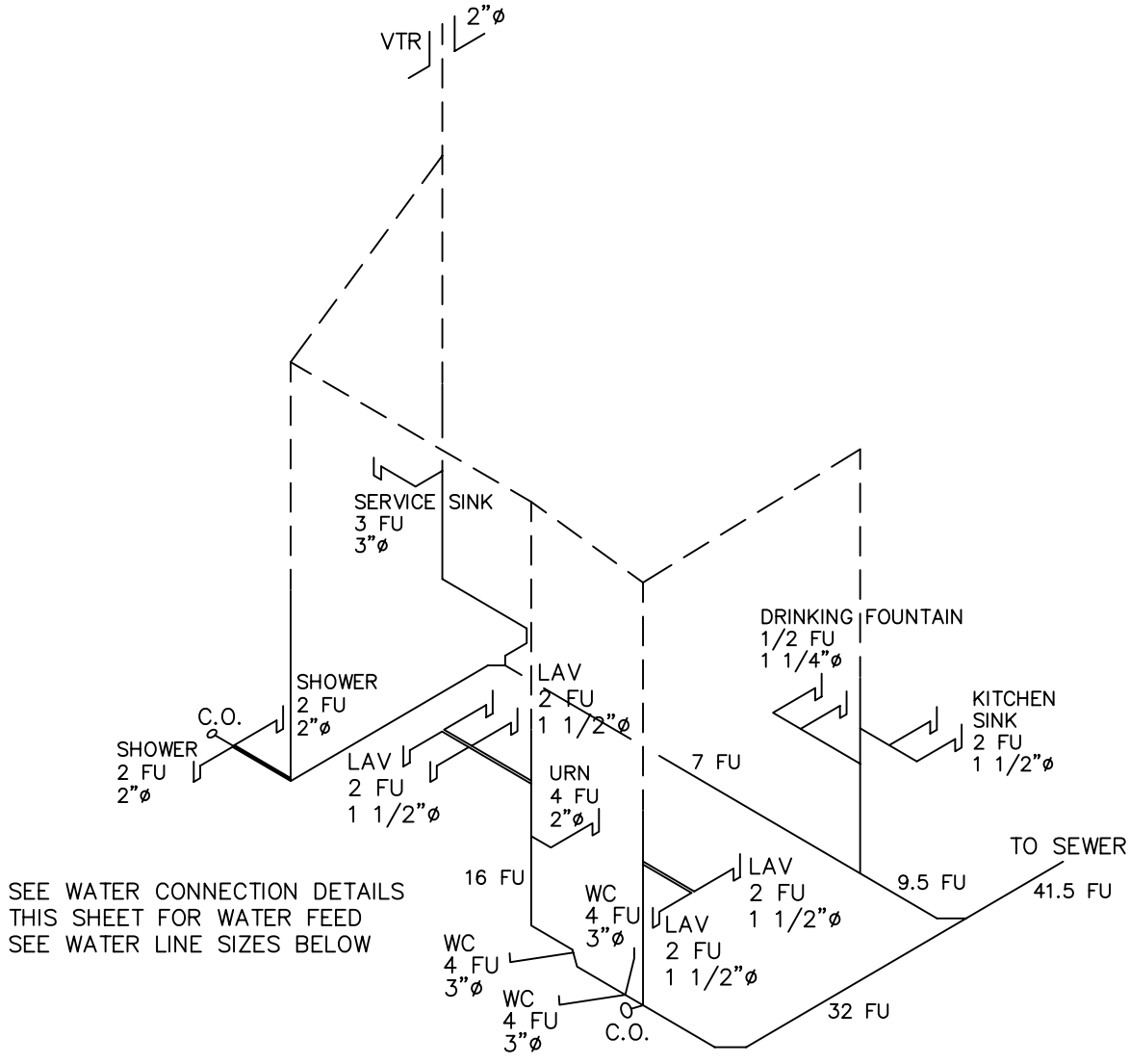


1st FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

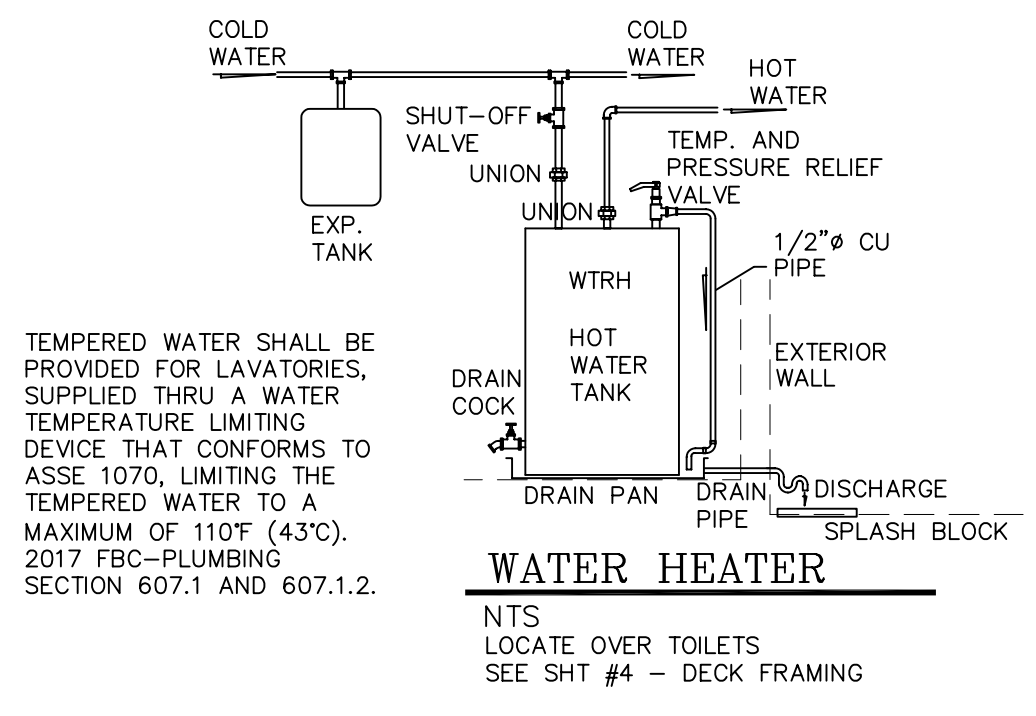
- VERIFY LOCATION OF HOSE BIBBS
- A. PROVIDE ACCESS TO ALL ENTRIES AND EXITS TO THE BUILDING AS PER FLORIDA BUILDING CODE - ACCESSIBILITY.
 - B. ALL EQUIPMENT GRIPS, HANDLES OR OTHER MEANS OF OPERATION TO BE USED BY OCCUPANTS TO CONTROL LIGHTING, HEATING, VENTILATION/AIR-CONDITIONING, PLUMBING, TOILET ACCESSORIES, ETC. SHALL BE A MINIMUM OF 36" AND A MAXIMUM OF 48" ABOVE FINISH FLOOR.
 - C. ALL PLUMBING CONTROLS SHALL HAVE A MAXIMUM OPERATING FORCE OF 5 LB/SF.
 - D. ALL EXPOSED HOT WATER SUPPLY AND DRAIN PIPES AT HANDICAPPED ACCESSIBLE LAVATORY AND SINKS SHALL HAVE AN INSULATED COVER.

***** PLUMBING FIXTURE SCHEDULE *****
*** WATER Lines ***

TYPE OF FIXTURE or DEVICE	PIPE SIZE (inches)
P1 COMBINATION SINK and TRAY SINK (1/2") LAUNDRY TRAY (1/2")	1/2"
P2 KITCHEN SINK (Commercial) KITCHEN SINK (Commercial 3/4")	3/4"
P3 SINKS (Service / Slop / LAV) SINKS - LAVS (1/2")	1/2"
P4 WATER CLOSET (Tank Type) DRINKING FOUNTAIN, SHOWER	3/8"
P5 HOSE BIBBS	1/2"
P6 CLOTHS WASHER	1/2"



WASTE AND VENT RISER DIAGRAM
NTS



NOTE:
PLUMBING CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL REVIEW PLUMBING AND ELECTRICAL PLANS & SCHEDULE FOR ADDITIONAL OR OPTIONAL COMPONENTS, SUCH AS, WATER HEATERS, ETC. AND COORDINATE THE LOCATION(S) WITH THE OWNER.

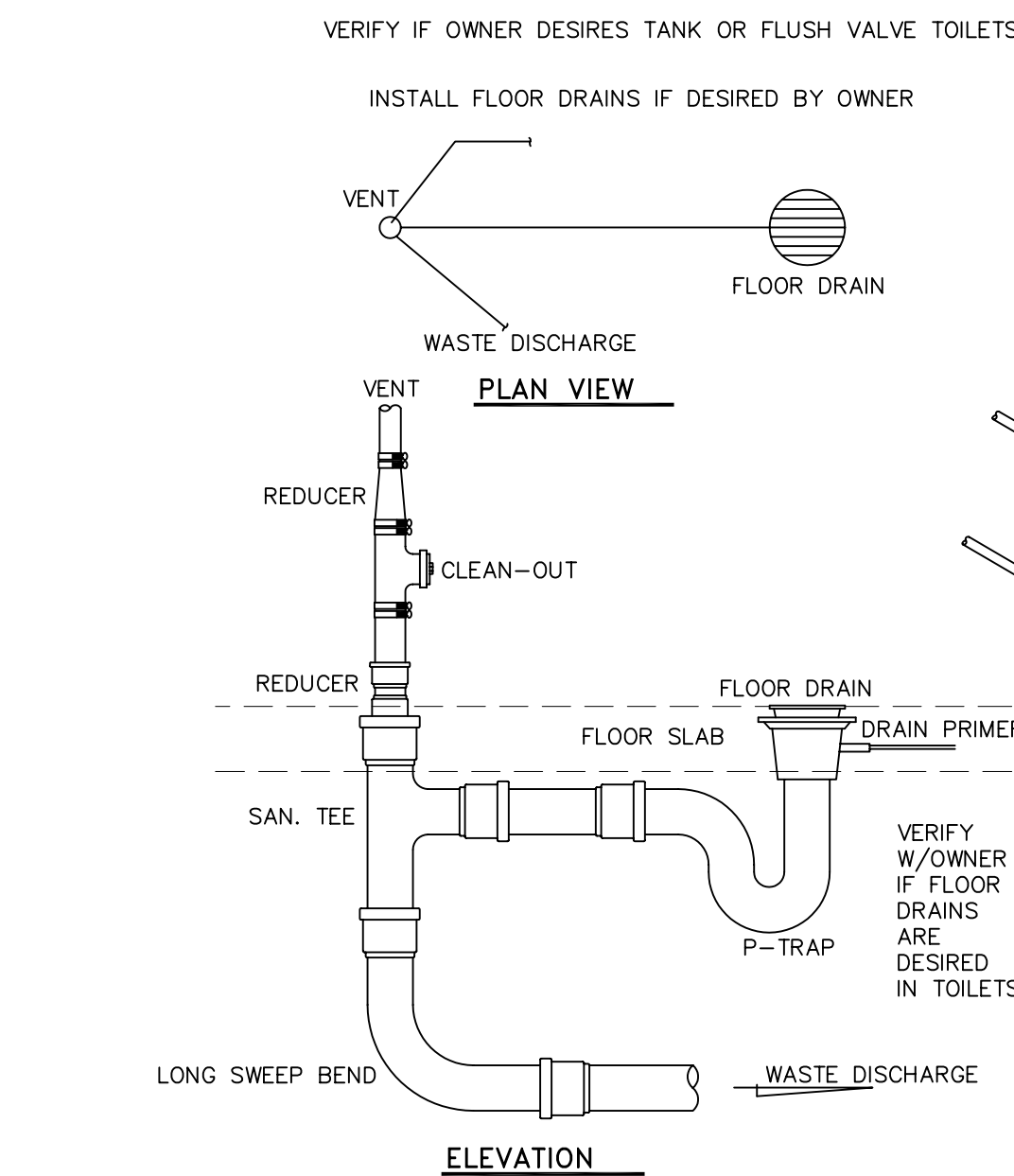
PROVIDE (1) WATER HEATER

WTRH:
SELECTED BY OWNER
40 GALLONS, ENERGY FACTOR .95,
ELEMENT WATTAGE @ 240V = 4500
(MAX, 6000) OR EQUAL

ALTERNATE →
VERIFY IF OWNER DESIRES INSTANT WATER HEATER OR TANK TYPE

INSTANT WATER HEATER DETAIL
NTS
INSTANT WATER HEATER TO SINKS AND SHOWER

GENERAL PLUMBING NOTES:
FIELD ADJUSTMENTS ARE PERMITTED.
MODIFICATIONS OF PLUMBING DRAINS, VENTS, PIPE SIZES, PIPE LOCATIONS AND OTHER ADJUSTMENTS ARE PERMITTED, PROVIDED ALL WORK AND COMPONENTS ARE IN COMPLIANCE WITH THE FBC AND THE FLORIDA PLUMBING CODE. PROVIDE THE MOST ECONOMICAL SYSTEM WHICH IS IN COMPLIANCE WITH THE CODE.



FLOOR DRAIN OFFSET DETAIL
NTS

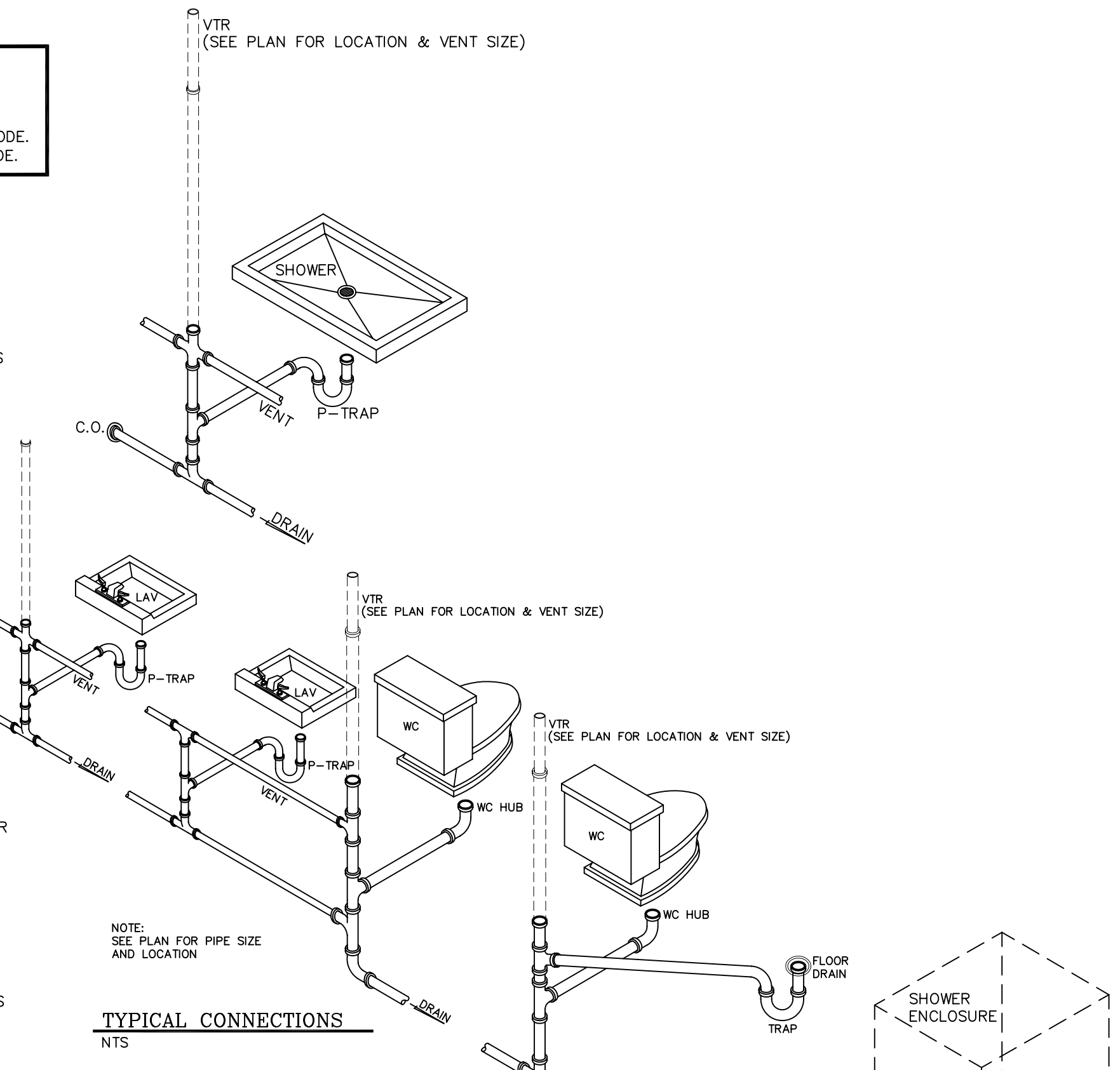
MAIN PIPE DIA.	AIR CHAMBER DIA.
1/2"	3/4"
3/4"	1"
1"	1 1/2"
1 1/4"	1 1/2"
1 1/2"	2"
2"	2 1/2"
2 1/2"	3"

AIR CHAMBER DETAIL

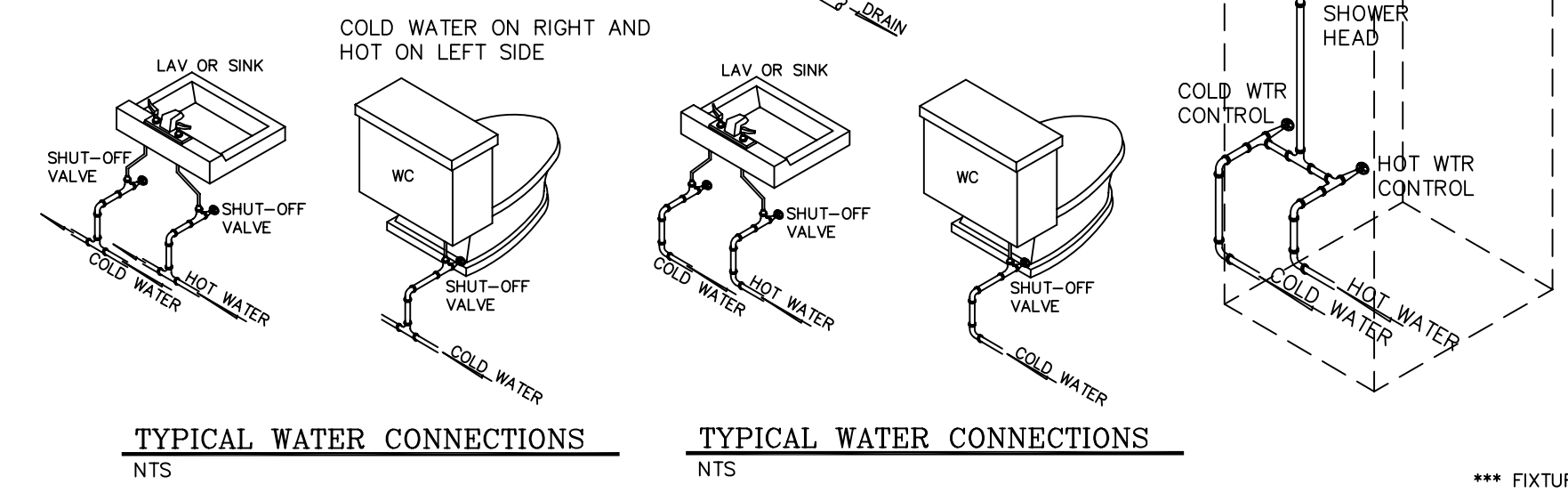
NTS
TO BE INSTALLED PER ASPE DATA BOOK (TABLE 5-11 IN VOLUME 2)
ALTERNATE:
MECHANICAL WATER HAMMER ARRESTERS

INSTALL AT HOT WATER SUPPLY SIDE

THERMAL EXPANSION DEVICE TYPICAL AT EACH WATER HEATER
NTS



TYPICAL CONNECTIONS
NTS



TYPICAL WATER CONNECTIONS
NTS

TYPICAL WATER CONNECTIONS
NTS

*** FIXTURE UNITS ***

TUB	2 FU
1/2"	1 1/2"
BIDET	1 FU
3 FU	3"
DENTAL LAV	4 FU
2"	4"
1 FU	1 1/2"
DRINKING FOUNTAIN	1 FU
1/2 FU	1 1/4"
Toilets - Standard Faucets, ADA Toilets (DOMESTIC)	1 FU
DISHWASHER	2 FU
2 FU	3 FU
FLOOR DRAIN	3 FU
3"	3"
4"	4"
LAV OR SINK	2 FU
2 FU	1 1/2"

LAUNDRY TRAY	2 FU
2 FU	1 1/2"
SERVICE SINK	3 FU
1 1/4"	3"
URN (PEDESTAL)	8 FU
3"	3"
URN (WALL)	2 FU
2"	2"
WC (TANK)	4 FU
OR	3"
WC (VALVE)	3 FU
3"	3"
DISH WASHER	2 FU
2 FU	2 FU
CLOTHS WASHER	4 FU
4 FU	1 1/2"

SEWER LINE	1/8" SLOPE - DRAIN	1/4" SLOPE - DRAIN
4"	1 FU = 1	1 FU = 1
(MINIMUM)	3 FU = 1 1/4"	3 FU = 1 1/4"
	FU = 2	FU = 4
	FU = 4	FU = 6
	FU = 8	FU = 10
	FU = 12	FU = 18
	FU = 16	FU = 24
	FU = 22	FU = 36
	FU = 28	FU = 48
	FU = 36	FU = 72
	FU = 48	FU = 108
	FU = 60	FU = 144
	FU = 80	FU = 192
	FU = 100	FU = 240
	FU = 120	FU = 360
	FU = 150	FU = 480
	FU = 200	FU = 720
	FU = 300	FU = 1080
	FU = 400	FU = 1440
	FU = 600	FU = 2160
	FU = 800	FU = 2880
	FU = 1000	FU = 3600

MINIMUM SIZES OF FIXTURE WATER SUPPLY PIPES	MINIMUM PIPE SIZE (inch)
Drinking Fountain	3/8"
Hose bibbs	1/2"
Kitchen sink (a)	1/2"
Laundry, 1, 2 or 3 compartments (a)	1/2"
Lavatory, Shower	3/8"
Sinks, flushing rim	3/4"
Sinks, service	1/2"
Urinal, flush tank	1/2"
Urinal, flush valve	3/4"
Water closet, flush tank	3/8"
Water closet, flush valve	1"
Water closet, flushometer tank	3/8"
Water closet, one piece (a)	1/2"

(a) Where the developed length of the distribution line is 60 feet or less, and the available pressure at the meter is a minimum of 35 psi, the minimum size of an individual distribution line supplied from a manifold and installed as part of a parallel water distribution system shall be one nominal tube size smaller than the sizes indicated.