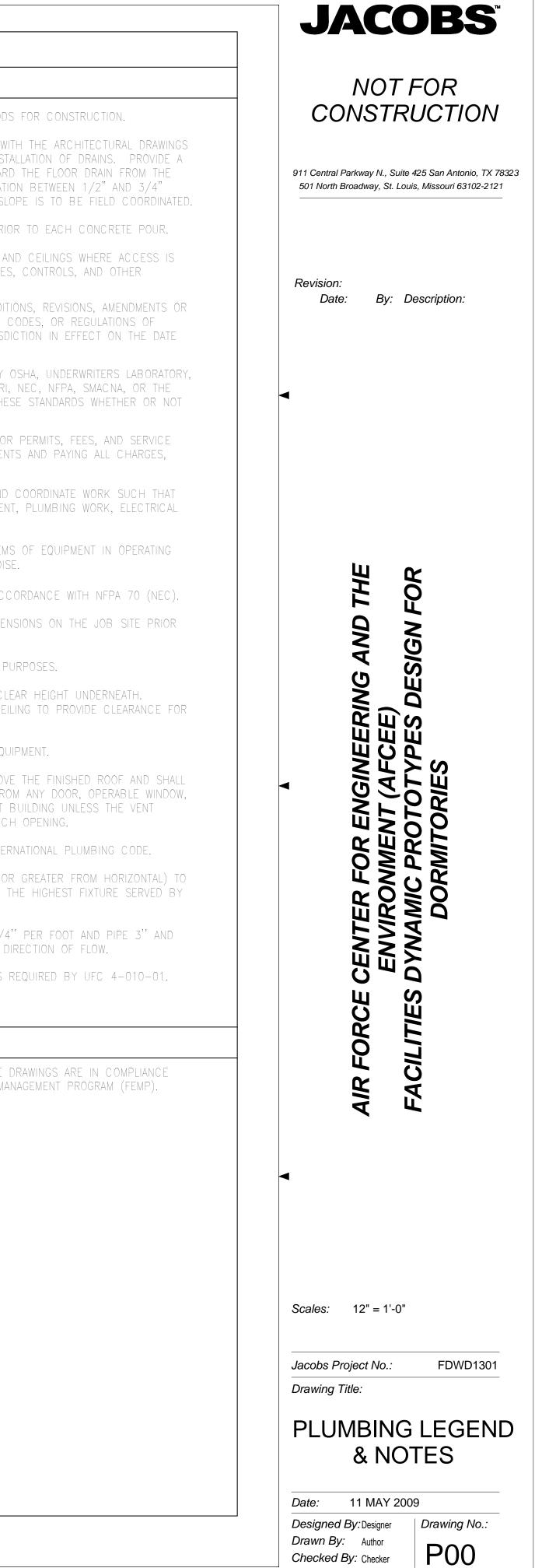
1	V
PLUMBING SYMBOLS	(ALL SYMBOLS SHOWN ARE NOT NE
PIPING SYMBOLS	V

PING SYMBOLS	VALVE SYMBOLS	MISCELLANEOUS	GENERAL N
PITCH DOWN IN DIRECTION OF ARROW		<ul> <li>RECESSED FLOOR CLEANOUT       </li> <li> </li></ul>	A. REFER TO SPECIFICA
DIRECTION OF FLOW		HOSE BIBB/WALL HYDRANT	B. COORDINATE THE EXA
PIPE ANCHOR	GATE VALVE W/ 3/4" HOSE THREAD ADAPTER	FLOOR DRAIN	AND MECHANICAL EQ Radius around the
PIPE GUIDE 	TWO-WAY CONTROL VALVE	$ \begin{array}{c} & & \\ & & $	FINISHED FLOOR ELEV BELOW FINISHED FLO
ECCENTRIC REDUCER	THREE-WAY CONTROL VALVE	PLUMBING FIXTURES	C. COORDINATE ALL SLA
H BRANCH – SIDE CONNECTION		GAS METER	
BRANCH – TOP CONNECTION	SAFETY VALVE OR PRESSURE RELIEF VALVE	DOUBLE CHECK BACKFLOW PREVENTER	D. FURNISH ACCESS DO REQUIRED TO CONCE
	→ → → MANUAL BALANCING VALVE	REDUCED PRESSURE BACKFLOW PREVENTER	DEVICES. E. PERFORM WORK IN A
BRANCH - BOTTOM CONNECTION	AUTOMATIC BALANCING VALVE	RISER DESIGNATION "P": DENOTES SANITARY WASTE	SUPPLEMENTS OF AP FEDERAL, STATE AND
		AND VENT RISER DIAGRAM OR DOMESTIC COLD AND HOT WATER RISER DIAGRAM	BIDS ARE RECEIVED.
RISER DOWN (ELBOW)	ANGLE GATE VALVE		F. WHERE APPROVAL C American codes, a
RISER UP (ELBOW) 	ANGLE GLOBE VALVE		STATE FIRE INSURAN INDICATED ON THE E
			G. ARRANGE WITH AUTH
UNION (SCREWED)	DIAPHRAGM VALVE		CONNECTIONS. VER INCLUDING INSPECTI
	QUICK ACTION VALVE	DRAWING NOTE REFERENCE	H. COORDINATE WORK
			INTERFERENCES BET
TEMPERATURE & PRESSURE PORT	OS&Y VALVE WITH SUPERVISORY SWITCH	POINT OF CONNECTION TO EXISTING	WORK, AND BUILDIN
	FLANGED VALVE (GATE VALVE SHOWN)	WATER SHOCK ABSORBER	I. PROVIDE THE ENTIRE CONDITION WITHOUT
-+	FLOAT VALVE		J. PROVIDE ALL WIRING
FLEX CONNECTION	ORIFICE FLOW PLATE	DRAWING/DETAIL REFERENCE KEY	K. VERIFY AND DOCUM
			TO STARTING ANY W
		REFER TO DRAWING/DETAIL NUMBER2	L. DO NOT SCALE THE
<u> </u>	PIPING TYPES	RE:2/P-201 SHEET NUMBER ON WHICH	M. INSTALL PIPING TO
PRESSURE GAGE WITH COCK			MAINTAIN A MINIMUM LIGHTING FIXTURES.
FS FLOW SWITCH		SHEET NUMBER ON WHICH	N. CONTRACTOR TO MA
PS PRESSURE SWITCH	SANITARY VENT DOMESTIC COLD WATER		O. VENT TERMINALS SH.
MANUAL AIR VENT	DOMESTIC HOT WATER (110°F)		BE LOCATED A MININ OR OTHER AIR INTAK
AUTOMATIC AIR VENT	——————————————————————————————————————		TERMINAL IS AT LEAS
PUMP			P. PROVIDE SYSTEM IN
STEAM TRAP			Q. ALL VENT LINES ARE A MINIMUM OF 6" AB
LINE/WALL CLEANOUT	D DRAIN (AHU CONDENSATE)		THE VENT.
(M) WATER METER			R. SLOPE SANITARY SEV LARGER AT 1/8'' PE
	C D C ONDENSATE DRAIN		
A AIR OUTLET VALVE			S. PROVIDE BRACING F
WELDED CONNECTION	VAC VAC UUM		
f = Flanged connection	BABREATHING AIR		ENERGY C
SOLDERED CONNECTION	AHW AIRCRAFT HOT WATER WASH WATER		THE MECHANICAL A
+ THEFADED OF "DRESS" CONNECTION			WITH ASHRAE 90.1-
THREADED OR "PRESS" CONNECTION BELL & SPIGOT CONNECTION			
SOLVENT CONNECTION	AAA DOUBLED WALL PIPING – "AAA" DENOTED TYPE		
	-X X AAA X X EXISTING PIPE TO BE REMOVED – "AAA" DENOTES TYPE AAA BELOW FLOOR PIPE – "AAA" DENOTES TYPE		
ALVE SYMBOLS	, , , , , , , , , , , , , , , , , , ,		
GATE VALVE	EQUIPMENT SYMBOLS	-	
		-	
GLOBE VALVE	EXISTING EQUIPMENT TO BE REMOVED		
CHECK VALVE (NON SLAM)			
	EXISTING EQUIPMENT TO REMAIN		
	NEW EQUIPMENT		
BALL VALVE			

NECESSARILY USED ON THE DRAWINGS)

2



## OTES

T

IONS FOR MATERIALS AND METHODS FOR CONSTRUCTION.

CT LOCATION OF FLOOR DRAINS WITH THE ARCHITECTURAL DRAWINGS JIPMENT LOCATIONS PRIOR TO INSTALLATION OF DRAINS. PROVIDE A FLOOR DRAIN THAT SLOPES TOWARD THE FLOOR DRAIN FROM THE ATION TO A TOP OF DRAIN ELEVATION BETWEEN 1/2" AND 3/4" DR. THE RADIUS AND RATE OF SLOPE IS TO BE FIELD COORDINATED.

5

PENETRATIONS AND SLEEVES PRIOR TO EACH CONCRETE POUR.

ORS FOR INSTALLATION IN WALLS AND CEILINGS WHERE ACCESS IS ALED PLUMBING EQUIPMENT, VALVES, CONTROLS, AND OTHER

CORDANCE WITH THE LATEST EDITIONS, REVISIONS, AMENDMENTS OR PLICABLE STATUTES, ORDINANCES, CODES, OR REGULATIONS OF LOCAL AUTHORITIES HAVING JURISDICTION IN EFFECT ON THE DATE

DES HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITERS LABORATORY, I, ASME, ASA, ASHRAE, ASTM, ARI, NEC, NFPA, SMACNA, OR THE REGULATORY BODY, FOLLOW THESE STANDARDS WHETHER OR NOT

RITIES AND UTILITY COMPANIES FOR PERMITS, FEES, AND SERVICE YING LOCATIONS AND ARRANGEMENTS AND PAYING ALL CHARGES, NS.

TH ARCHITECTURAL FEATURES AND COORDINATE WORK SUCH THAT EEN PIPING, DUCTWORK, EQUIPMENT, PLUMBING WORK, ELECTRICAL STRUCTURE WILL BE AVOIDED.

SYSTEM AND ITS COMPONENT ITEMS OF EQUIPMENT IN OPERATING BJECTIONABLE VIBRATION OR NOISE.

AND ELECTRICAL CONTROLS IN ACCORDANCE WITH NFPA 70 (NEC).

EXISTING CONDITIONS AND DIMENSIONS ON THE JOB SITE PRIOR ≺K.

DRAWINGS FOR CONSTRUCTION PURPOSES.

ROVIDE THE MAXIMUM POSSIBLE CLEAR HEIGHT UNDERNEATH. F 6 INCHES ABOVE FINISHED CEILING TO PROVIDE CLEARANCE FOR

E ALL FINAL CONNECTIONS TO EQUIPMENT.

EXTEND A MINIMUM OF 6" ABOVE THE FINISHED ROOF AND SHALL JM OF 10 FEET HORIZONTALLY FROM ANY DOOR, OPERABLE WINDOW, E OF THE BUILDING OR ADJACENT BUILDING UNLESS THE VENT 2 FEET ABOVE THE TOP OF SUCH OPENING.

CCORDANCE WITH 2006 ICC INTERNATIONAL PLUMBING CODE.

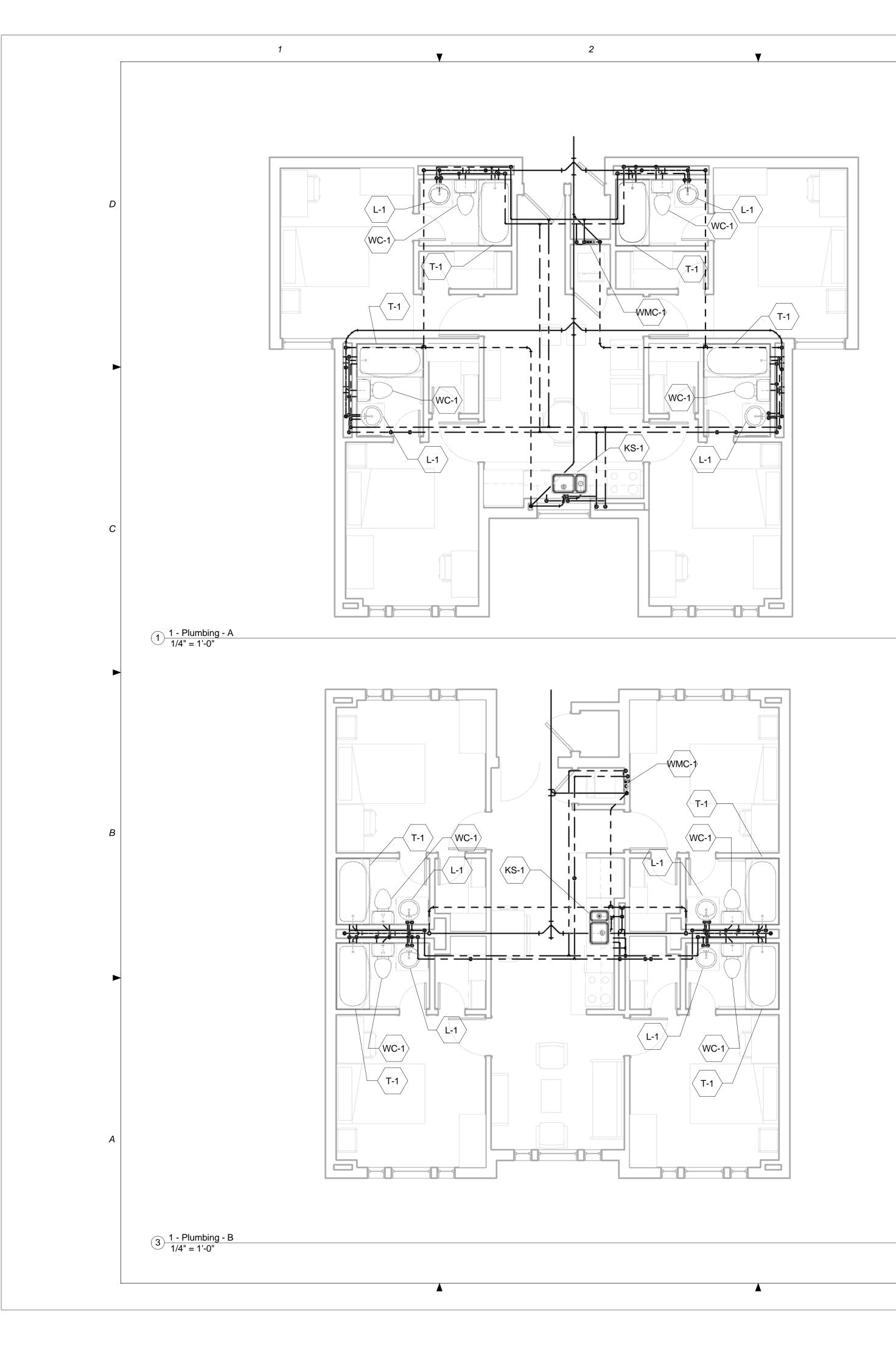
TO RISE VERTICALLY (45° ANGLE OR GREATER FROM HORIZONTAL) TO OVE THE HIGHEST FLOOD RIM OF THE HIGHEST FIXTURE SERVED BY

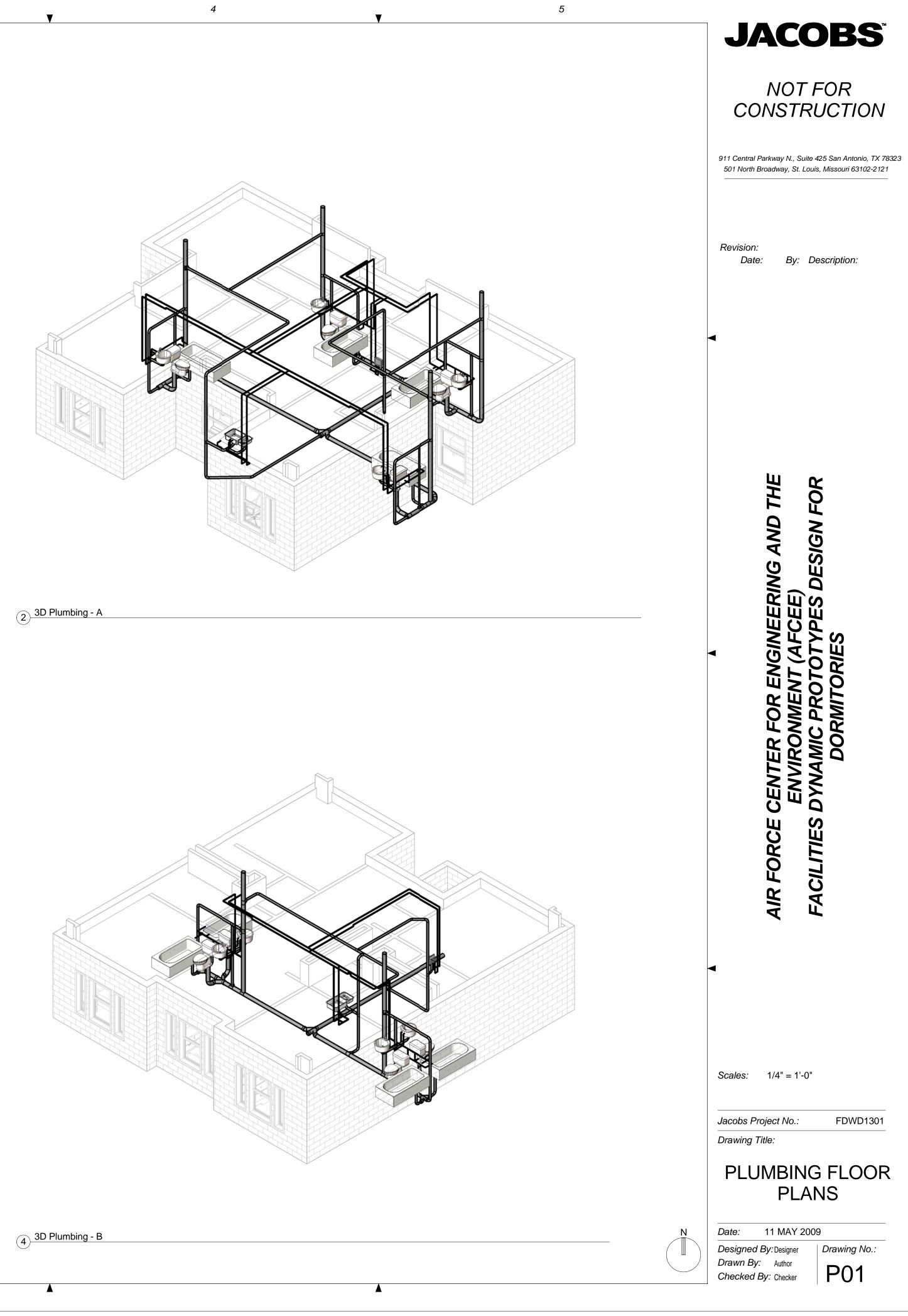
ER PIPE SMALLER THAN 3'' AT 1/4'' PER FOOT AND PIPE 3'' AND R FOOT. ALL SLOPES ARE IN THE DIRECTION OF FLOW.

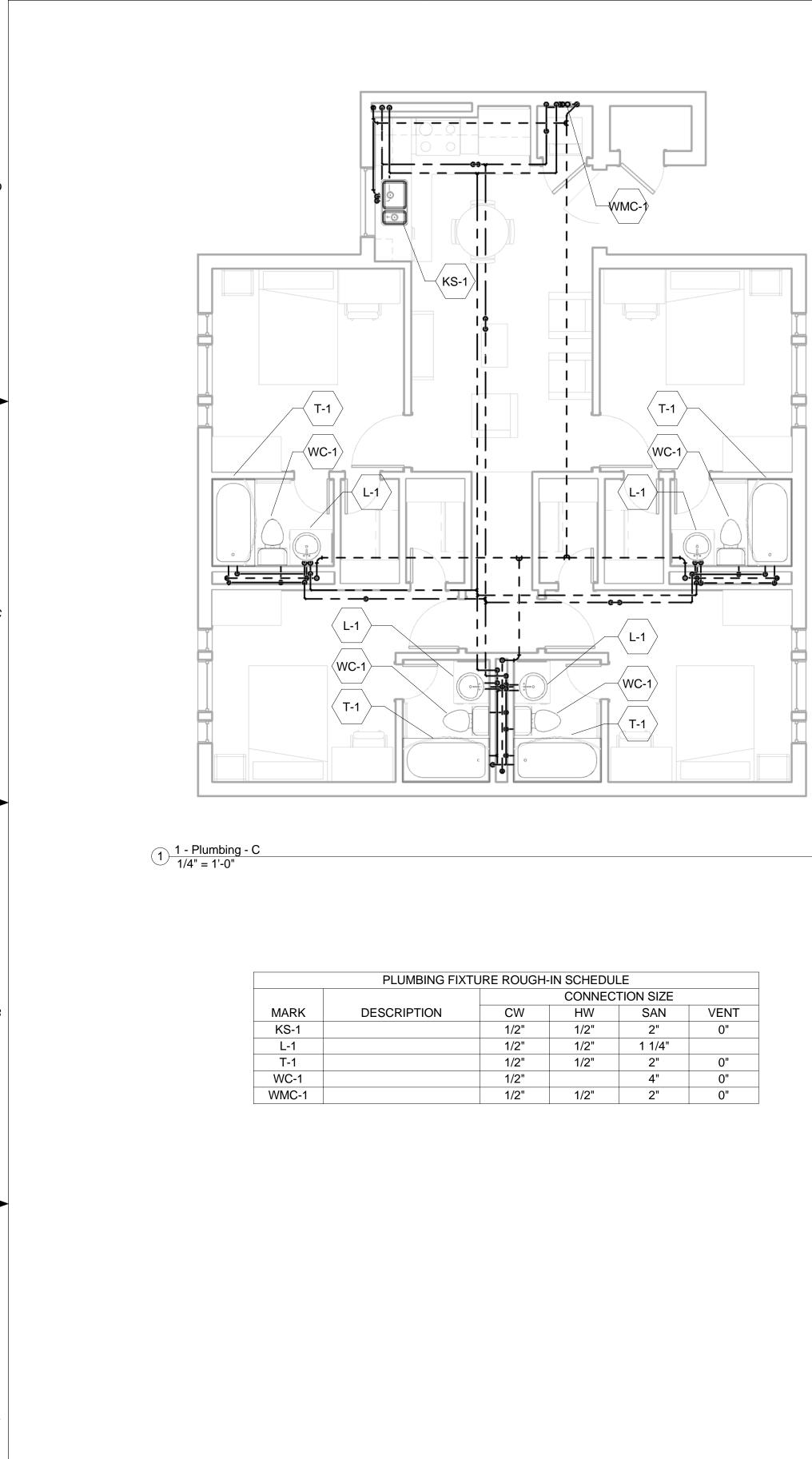
R ALL PIPING AND EQUIPMENT AS REQUIRED BY UFC 4-010-01.

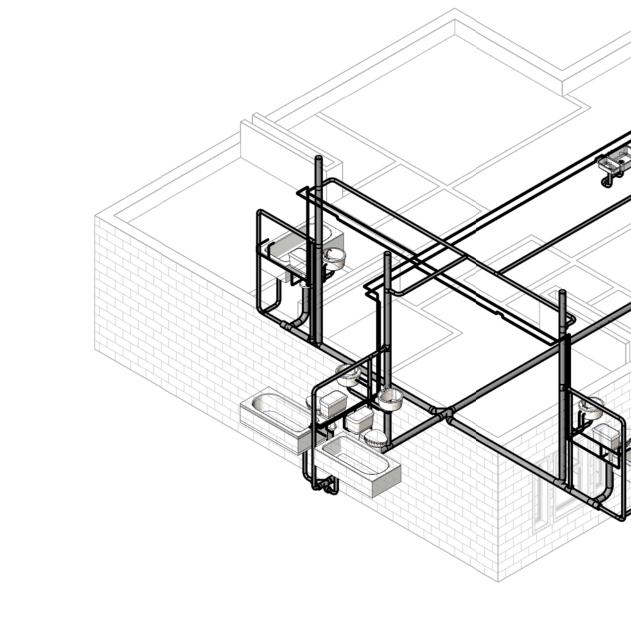
## DE COMPLIANCE

D PLUMBING EQUIPMENT IN THESE DRAWINGS ARE IN COMPLIANCE 004 AND THE FEDERAL ENERGY MANAGEMENT PROGRAM (FEMP).









2 3D Plumbing - C

