


PLUMBING GENERAL NOTES

- ALL PLUMBING MUST COMPLY WITH APPLICABLE CITY, COUNTY AND STATE BUILDING CODE – PLUMBING REGULATIONS.
- ALL WATER SUPPLY AND DISTRIBUTION PIPING AND COMPRESSED AIR PIPING IN THE BUILDING WILL BE TYPE "L" COPPER TUBE (HARD DRAWN).
- ALL DRAINAGE AND SEWAGE PIPING AND VACUUM PIPING SHALL BE SCHEDULE 40 ABS OR PVC DWV.
- ALL VENTS SHALL BE SCHEDULE 40 ABS OR PVC DWV.
- FIXTURES NOTED  ARE CALLED OUT IN PLUMBING FIXTURE SCHEDULE.
- WATER SUPPLY HEADERS ARE INDICATED ON DRAWING DIAGRAMMATICALLY. ACTUAL RUNS TO SUIT BUILDING CONDITIONS.
- CONTRACTOR SHALL COORDINATE LOCATION OF FIXTURES WITH LOCATIONS HEREON AND ON ARCHITECTURAL PLANS.
- CONTRACTOR SHALL COORDINATE PLUMBING WITH OTHER TRADES. PIPING RUNS ARE APPROXIMATE. MAKE CHANGES TO AVOID DUCTS, BEAMS, ETC.
- INDIVIDUAL SUPPLY AND DRAIN CONNECTION SIZES ARE NOT INDICATED ON PLANS (FOR CLARITY). SIZE TO SUIT RESPECTIVE FIXTURE.
- PROVIDE AIR CHAMBER (12" LONG) AT EACH FIXTURE FOR HOT AND COLD WATER.
- TEST: WATER SUPPLY – ONE HOUR @ 150 PSI.  
WASTE – FILL TO ROOF AND BE GAS AND WATER TIGHT.  
CONTRACTOR SHALL NOTIFY OWNER 24 HOURS IN ADVANCE OF ALL TESTING
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL REQUIRED INSPECTIONS AND PERMITS.
- ALL VENT LINES TO SLOPE UP TO VTR (VENT THRU ROOF).
- LAVATORY/SINK "P" TRAPS SHALL BE MIN. 17 GA. CHROME PLATED BRASS.
- CONTRACTOR SHALL BE CAREFUL WHEN TRENCHING NOT TO DISTURB OR CAUSE UNDERMINING OF ANY BUILDING FOOTINGS. SHOULD A CONFLICT ARISE – NOTIFY OWNER BEFORE PROCEEDING.
- CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES PRIOR TO BID. NOTIFY OWNER OF ANY DISCREPANCIES.
- SET FLOOR DRAIN 1/2" BELOW FINISHED FLOOR AND SLOPE WITHIN MINIMUM 4'-0" SQUARE AROUND FLOOR DRAIN, NEW CONSTRUCTION ONLY.
- CONTRACTOR SHALL PROVIDE BLOWOFF DRAINS FOR ALL HOT WATER HEATERS.
- ALL OVERHEAD PIPING SHALL BE SECURED TO OVERHEAD STRUCTURE TO AVOID CONFLICTS WITH HVAC DUCTWORK, ETC.
- ALL WASTE PIPING SHALL BE INSTALLED BELOW GRADE AT DEPTH REQUIRED TO TIE INTO EXISTING SEWER LINE, UNLESS NOTED OTHERWISE.
- ALL WALL HUNG SINKS AND WATER FOUNTAINS SHALL BE CAULKED TO THE WALLS. ALL WATER CLOSETS SHALL BE CAULKED TO THE FLOOR.
- ALL PLUMBING PIPES THAT PENETRATE A WALL SHALL HAVE A CHROME ESCUTOHEON RING SECURED AROUND THE PIPE AT THE WALL.
- P.C. TO PROVIDE INSULATED PIPE COVERS UNDER ALL LAVATORIES AND COUNTERTOP SINKS WITH OPEN KNEE SPACES.
- PLUMBING CONTRACTOR SHALL INSTALL A COMPLETE VENTING SYSTEM FOR ALL WASTE LINES TO MEET ALL APPLICABLE CODES.
- ALL STAINLESS STEEL SINKS SHALL BE SET IN PLUMBERS PUTTY UNDER THE RIMS AND HAVE A BEAD OF CAULK AROUND THE OUTSIDE OF THE RIMS.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL TRAP PRIMERS ON ALL NEW FLOOR DRAINS.
- NO VENT PIPING WAS SHOWN ON THIS PLAN FOR CLARITY. SEE SHEET P1.3 – WASTE AND VENT RISER FOR DETAILS
- INSULATE ALL HOT & COLD WATER PIPE TO PLUMBING EQUIPMENT & FIXTURES USING 1/2" THICK AP ARMAFLEX PIPE INSULATION. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. IN ALL CASES, BUTT JOINTS AND SEAMS ARE TO BE SEALED WITH ARMSTRONG 520 ADHESIVE. BOTH SURFACES TO BE JOINED ARE TO BE COATED WITH ADHESIVE. INSTALL FITTING COVERS AT ALL FITTINGS. INSTALL PIPE HANGARS OUTSIDE INSULATION.

FIXTURE CONNECTION SCHEDULE				
DESCRIPTION	WASTE	CW	HW	
WATER CLOSET (FLUSH TANK)	3"	1/2"	-	
LAVATORY	1-1/2"	1/2"	1/2"	
SINK	1-1/2"	1/2"	1/2"	
WATER COOLER	1-1/2"	1/2"	-	

ROOF PENETRATION NOTICE

ALL ROOF PENETRATIONS MUST BE PERFORMED BY A ROOFER AUTHORIZED BY THE LANDLORD. CERTIFICATION MUST BE MADE BY THE ROOFER AT THE END OF THE JOB THAT ALL NEW ROOF PENETRATIONS ARE APPROVED BY FOR COVERAGE UNDER THE LANDLORD'S ROOF WARRANTY.

1/2" COPPER COMPRESSED AIR LINE ABOVE CEILING SERVING ALL NON-DENTAL CHAIR AIR OUTLETS ONLY. PROVIDE AND INSTALL PRESSURE REDUCING REGULATOR (SURFACE MOUNTED ON WALL IN EQUIPMENT ROOM). ADJUSTED DOWN TO 30 LBS. PRESSURE REGULATOR TO BE ACCESSIBLE AND TO BE ABLE TO BE REPLACED (FLEX HOSE EACH SIDE OF REGULATOR)

INCOMING COLD WATER LINE DIRECTLY FROM THE NEAREST BUILDING SOURCE (AHEAD OF ALL NEW FIXTURES)

RPZ BACKFLOW PREVENTER WITH RELIEF VALVE DISCHARGE DRAIN PIPED SURFACE MOUNTED ALONG THE WALL OVER MOP SINK

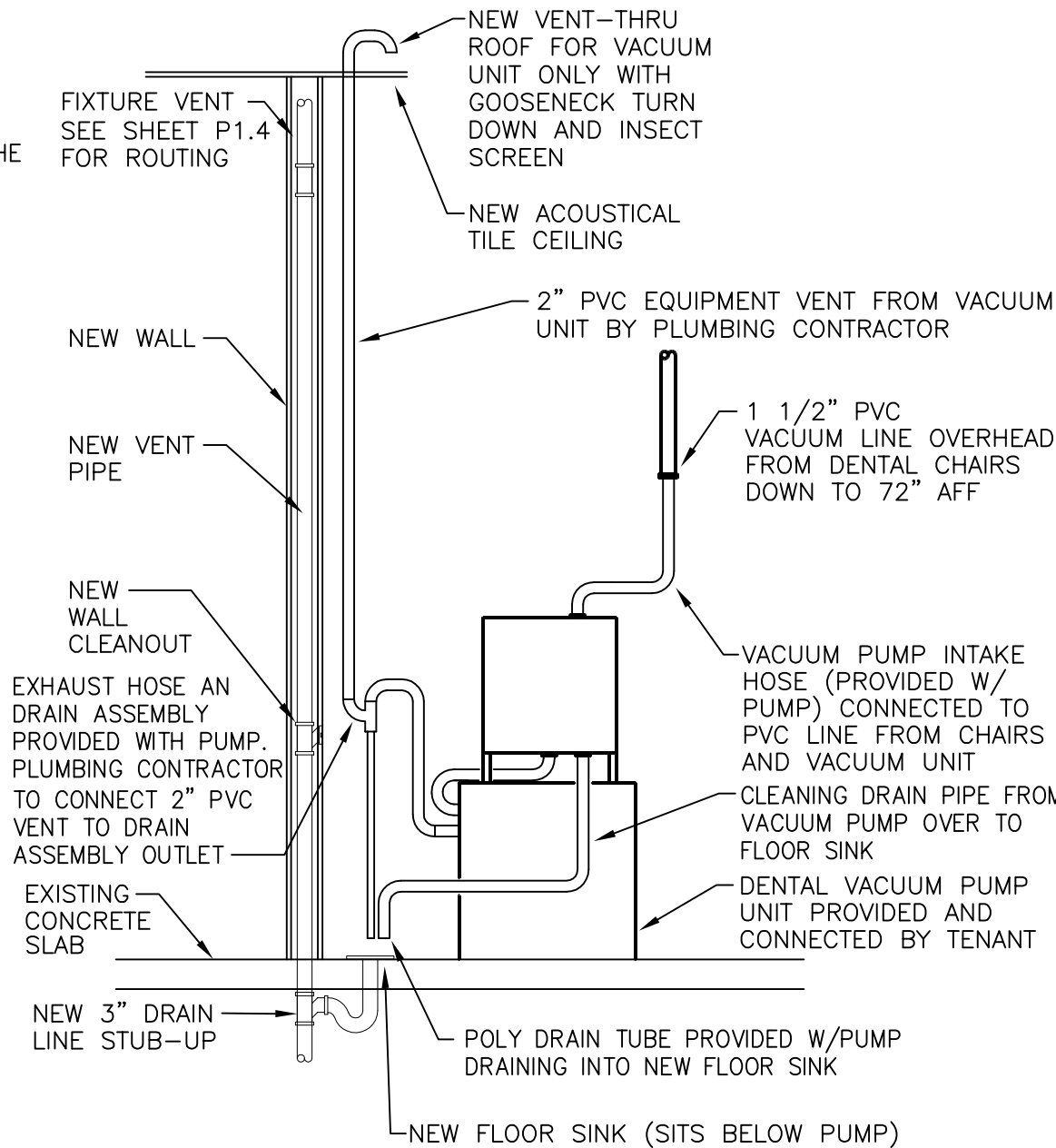
AIR LINE TO DENTAL CHAIRS ABOVE CEILING

VACUUM LINE FROM DENTAL CHAIRS FROM ABOVE CEILING STUBBED DOWN TO 72" A.F.F. – SEE DETAIL 2/P1.1

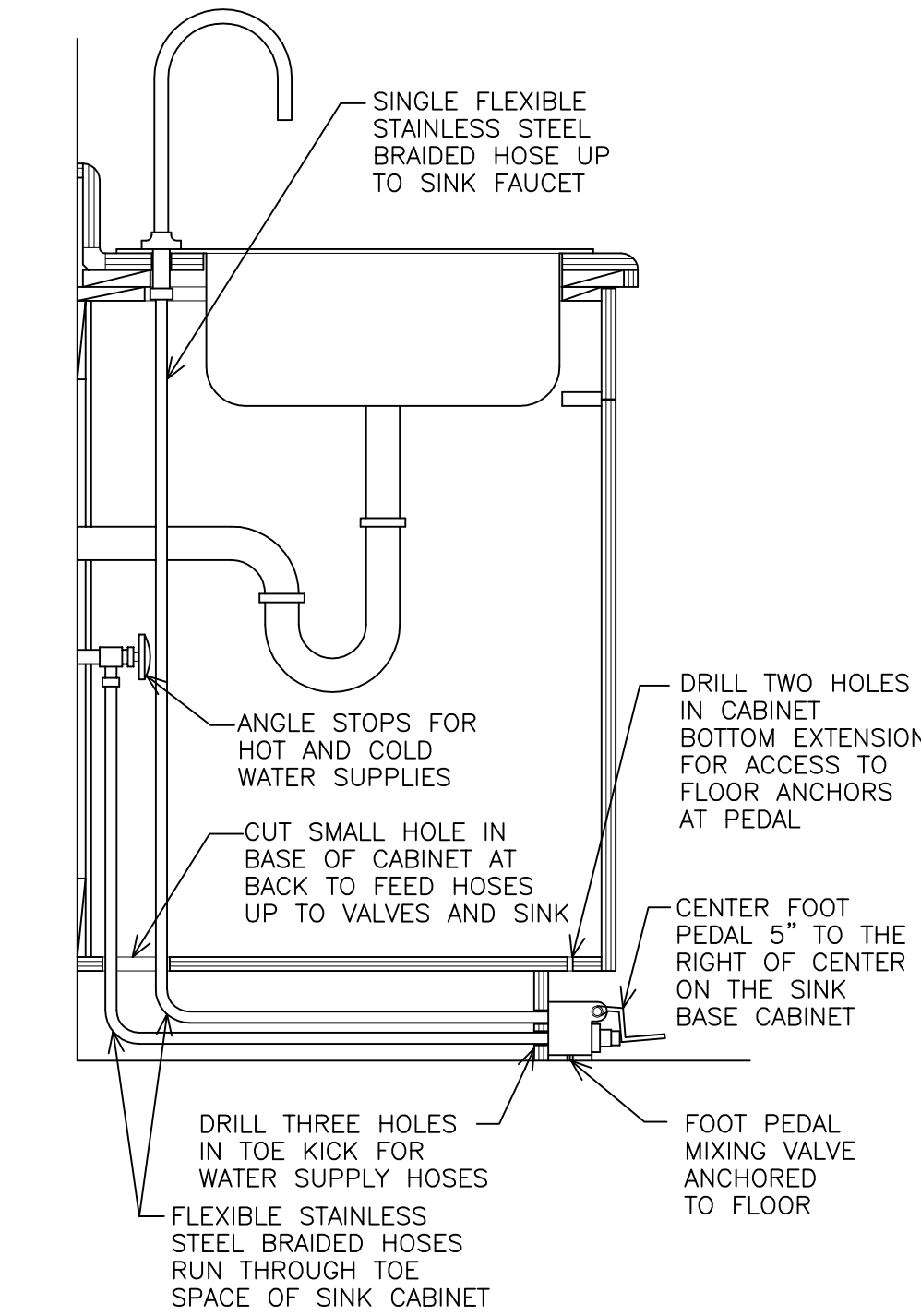
PLUMBING CONTRACTOR TO PROVIDE AND INSTALL A 2" PVC OUTSIDE AIR PIPE THRU THE ROOF WITH GOOSENECK AND INSECT SCREEN. A MIN. OF 10' FROM ALL OTHER OPENINGS OR INTAKES (VERIFY WITH SHEET M1.1). MUST BE 20' A.F.F. FOR TENANT TO CONNECT TO COMPRESSOR (BOTTOM OF PIPE 48" AFF)

EQUIPMENT ROOM DETAIL

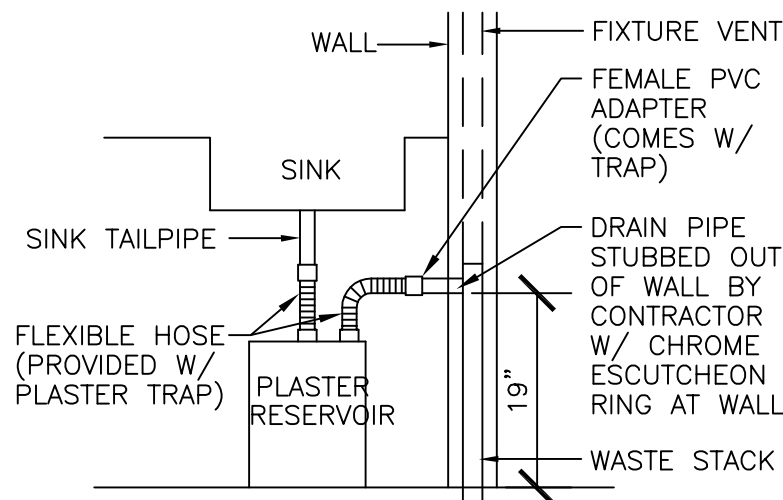
4  
P1.1  
NOT TO SCALE



2  
P1.1  
NOT TO SCALE



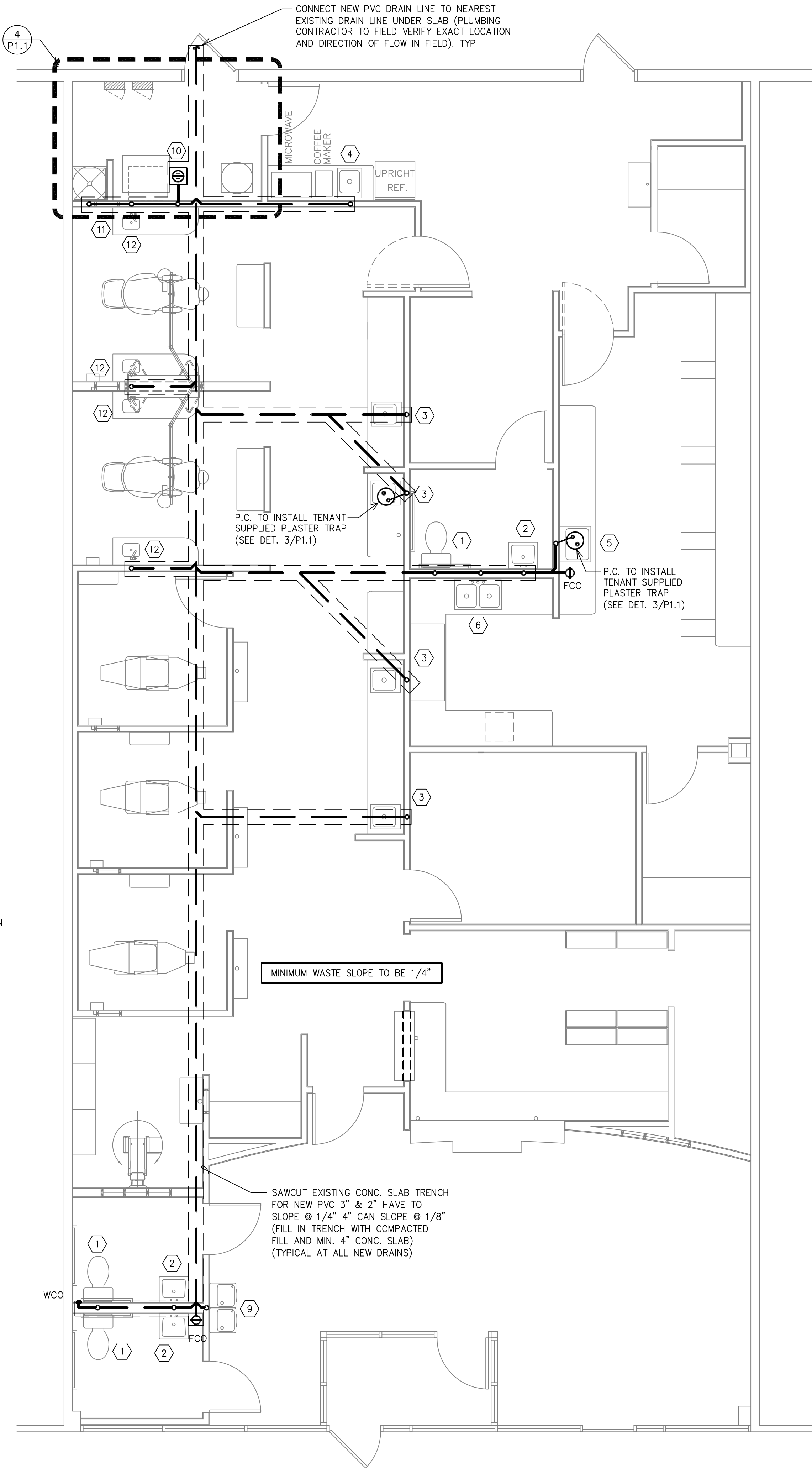
5  
P1.1  
1-1/2" = 1'-0"



NOTE: PLASTER TRAP SHALL BE UPC LISTED

PLASTER TRAP

3  
P1.1  
NOT TO SCALE



PLUMBING WASTE UPFIT PLAN

1  
P1.1  
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE		
NO.	QTY.	DESCRIPTION
1	3	WATER CLOSET – TOTO "DRAKE" CLOSE COUPLED TOILET, MODEL # CST744SL, ELONGATED BOWL, G-MAX TECHNOLOGY, 1.6 GPM, VITREOUS CHINA, WHITE, OLSONITE # 95 OPEN-FRONT SEAT, NO COVER, ADA COMPLIANT, FLUSH HANDLE TO BE ON SIDE OF TANK AWAY FROM WALL.
2	3	LAVATORY – AMERICAN STANDARD MODEL # 0355.012 WALL HUNG LAVATORY, 4" CENTERS, 15" x 10" VITREOUS CHINA BOWL, DELTA # 501-WF FAUCET/WASTE ASSEMBLY W/ GRID STRAINER, CONCEALED ARM BRACKET SUPPORTS ANCHORED TO WOOD BLOCKING AND SLAB.
3	4	SINK – ELKAY SINGLE COMPARTMENT SINK MODEL # CR-1721, 20 GA. STAINLESS STEEL, W/ 14" x 15 3/4" x 7" D. BOWL, T&S BRASS & BRONZE WORKS MODEL #B-0502 PEDAL VALVE WITH MODEL # B-0520 HIGH BOY GOOSENECK FAUCET, J-35 CUP STRAINER, 1 FAUCET HOLE. SEE DETAIL 5/P1.1
4	1	SINK – ELKAY SINGLE COMPARTMENT SINK MODEL # CR-1721, 20 GA. STAINLESS STEEL, W/ 14" x 15 3/4" x 7" D. BOWL, KOHLER MODEL # K-10430 SINGLE LEVER HANDLE FAUCET, 3 FAUCET HOLES, 4" ON CENTERS.
5	1	SINK – ELKAY SINGLE COMPARTMENT SINK MODEL # DCR-2522-10, 20 GA. STAINLESS STEEL, W/ 15 3/4" x 21" x 10" D. BOWL, KOHLER MODEL # K-10430 SINGLE LEVER HANDLE FAUCET, 4 FAUCET HOLES, 4" ON CENTERS AND T & S BRASS AND BRONZE WORKS MODEL # B-0305-LN FAUCET IN FOURTH HOLE WITH 3/8" x 1/4" FEMALE-FEMALE (NPT) BUSHING IN LIEU OF A FAUCET, SECOND COLD WATER SUPPLY LINE FOR SECOND FAUCET. PROVIDE WITH ASCO SERIES 8210 GENERAL SERVICE SOLENOID VALVE (NORMALLY CLOSED) TO THE B-305-LN. WIRE SOLENOID TO THE LIGHT SWITCH FOR DENTURE PROCESSING.
6	1	SINK – ELKAY DOUBLE COMPARTMENT SINK MODEL # CR-3232, 20 GA. STAINLESS STEEL, W/ TWO 14" x 15 3/4" x 7" D. BOWLS, KOHLER MODEL # K-10430 SINGLE LEVER HANDLE FAUCET, 3 FAUCET HOLES, 4" ON CENTERS.
7	0	NOT USED
8	1	WATER HEATER – SELECT GAS WATER HEATER, POWER DIRECT VENT, MODEL # GS6 40 YBPD, 40 GAL. CAPACITY, 41 GAL./HR. RECOVERY AT 90 DEG. RISE, 1" INLET/OUTLET CONNECTIONS
9	1	WATER FOUNTAIN – OASIS MODEL # P-BACSL, WHEEL CHAIR TYPE, SPLIT LEVEL, 7.8 GPH OF 50 DEG. F. WATER AT 80 DEG. F. INLET WATER AND 90 DEG. F. ROOM TEMP. PROVIDE WITH CANE APRON
10	1	8"x8" FLOOR SINK – ZURN MODEL #D2378 WITH 1/2" GRATE AND PROVIDE WITH TRAP PRIMER, OR APPROVED EQUAL
11	1	MOP SINK – FIAT MODEL # MSB-2424, WHITE MOLDED STONE MATERIAL, SERVICE FAUCET 830-AA WITH VACUUM BREAKER, PAIL HOOK AND 3/4" HOSE THREAD.
12	4	SINK – ELKAY SINGLE COMPARTMENT SINK MODEL #ELU129DBG, 18 GA. STAINLESS STEEL, KOHLER MODEL #K-7509 SINGLE LEVER HANDLE FAUCET

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PROJECT INFORMATION:

DENTAL OFFICE

SEAL:

PROJECT NO.: 0415737-011  
DRAWN BY: KR  
CHECKED BY: GS

ISSUE: DATE:  
PERMIT ISSUANCE 10-3-14

REVISION: DATE:

PROJECT LOCATION:  
CHARLOTTESVILLE, VA

SHEET NUMBER / TITLE:

P1.1  
PLUMBING WASTE PLAN