

PLUMBING FIXTURE SCHEDULE							
FIXTURE #		SERVICE CONNECTION			MANUFACTURER AND EQUIPMENT	MODEL NO.	REMARKS
WATER CLOSET	S/W	V	CW	HW			
P-114	4"	2"	1"	NA	AMERICAN STANDARD: RIGHT WIDTH FLOW WISE 1.6 TOP SPUD ELONGATED FLUSH VALVE: SLOAN ROYAL FLUSHOMETER SEAT: WITH FIXTURE	3641.001 111-1.6	TESTED FOR 2000 LBS. APPROVED FOR BARIATRIC USE  MOUNT AT HANDICAPPED HEIGHT
LAVATORIES							
P-404	1½"	1½"	¾"	¾"	INTEGRAL BOWL BY OTHER DIVISION TRIM: AMERICAN STANDARD GOOSENECK ON 4" CENTERS DRAIN: AMERICAN STANDARD	TRIM: 7400.00	PROVIDE GRID STRAINER 1.5 GPM LAMINAR FLOW CONTROL DEVICE OFFSET DRAIN
P-414	1½"	1½"	¾"	¾"	AMERICAN STANDARD: LUCERNE WALL-HUNG SINK TRIM: AMERICAN STANDARD GOOSENECK ON 4" CENTERS DRAIN: AMERICAN STANDARD	SINK: 7402.172H TRIM: 7400.00	PROVIDE FIXTURE CARRIER, GRID STRAINER 1.5 GPM LAMINAR FLOW CONTROL DEVICE OFFSET DRAIN AND SHROUD ENCLOSURE
SINKS							
P-528	1½"	1½"	¾"	¾"	ELKAY: UNDERMOUNT, 12"x9" SINGLE BOWL SINK TRIM: AMERICAN STANDARD GOOSENECK ON 4" CENTERS DRAIN: ELKAY	SINK: ELU129 TRIM: 7400.00	304 STAINLESS STEEL #18 GA PROVIDE 1.5 GPM LAMINAR FLOW CONTROL DEVICE AND DRAIN OFFSET.
ELECTRIC WATER COOLER							
P-608	1½"	1½"	¾"	NA	ELKAY: SELF-CONTAINED, WALL HUNG ELECTRIC REFRIGERATED WATER COOLER	ELKAY MODEL: E258	SHALL BE UL LISTED, COMPLY WITH ADA REQUIREMENTS, DESIGNED TO OPERATE ON 20 PSI TO 150 PSI SUPPLY LINE PRESSURE
NOTES:							
A. COORDINATE INSTALLATION OF PLUMBING FIXTURES WITH THE GENERAL CONSTRUCTION DIVISION.				D. ALL EXPOSED PIPING SHALL BE CHROME PLATED.			
B. THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES SHALL BE AS PER THE ARCHITECTURAL DRAWINGS.				E. ALL QUICK OPENING VALVES INCLUDING FLUSH VALVES SHALL HAVE SHOCK ARRESTERS PROVIDED WITH ACCESS PANEL WHERE INSTALLED IN CONCEALED SPACES.			
C. ALL SINKS AND LAVATORIES THAT ARE HANDICAPPED ACCESSIBLE SHALL BE PROVIDED WITH THERMAL AND IMPACT INSULATION/SHIELDING KITS ON SUPPLIES, TRAPS, TAILPIECES AND WASTE OUTLETS UNLESS CONCEALED BY SHROUD.							

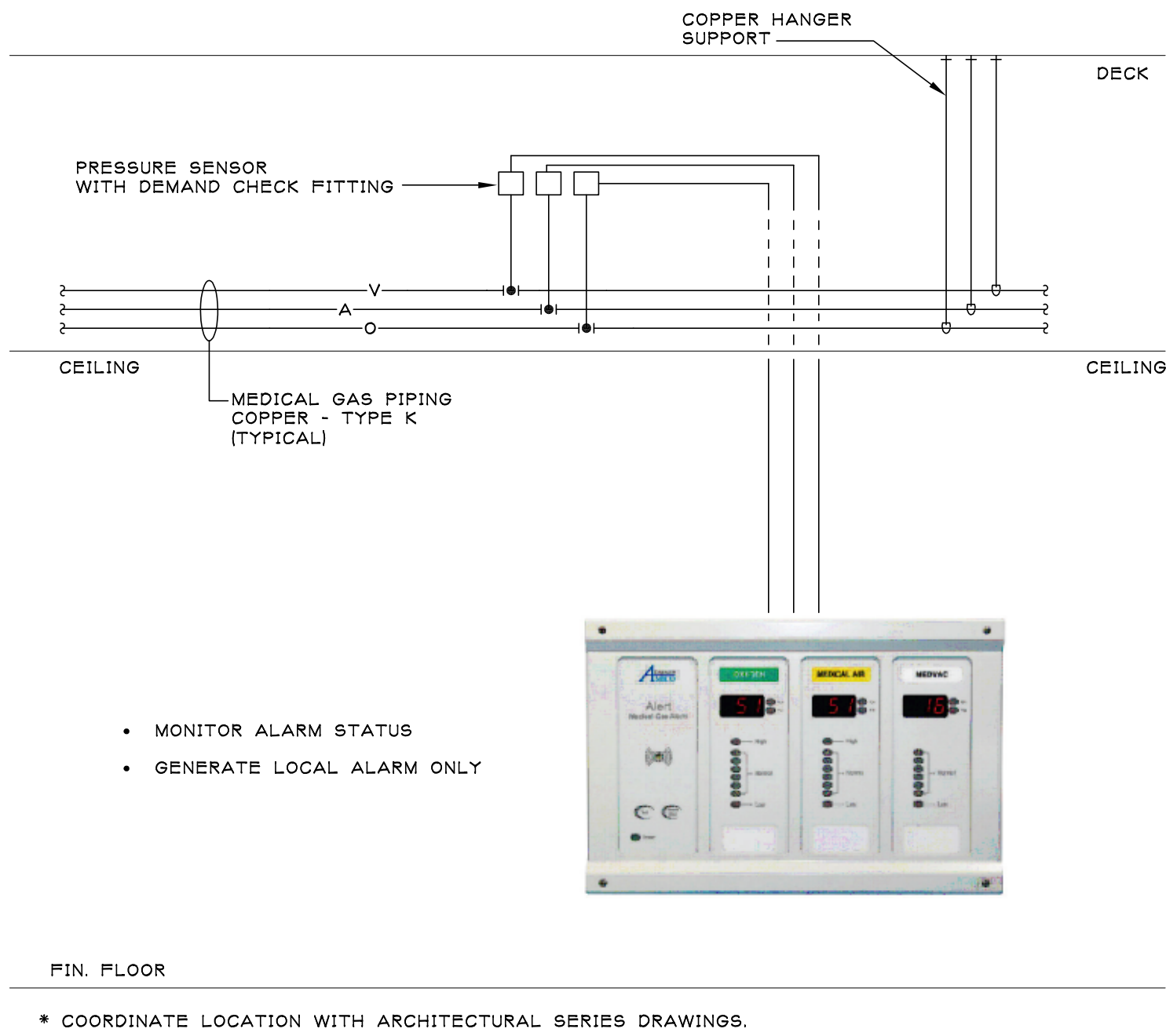
INSULATION SCHEDULE ( c )									
TYPE	EQUIPMENT OR SYSTEM SERVED	INSULATION CLASS (a)			JACKETING CLASS (b)			THICKNESS (IN)	
		INTERIOR CONCEALED	INTERIOR EXPOSED	EXTERIOR	INTERIOR GENERAL	EQUIPMENT ROOMS	EXTERIOR	NOMINAL PIPE SIZE (IN)	
								.5 - 1.5	2 - 4
A	CW	FE	--	--	1	--	--	0.5	0.5
		--	FE	--	--	1 & 4	--	0.5	0.5
B	HW	FG	--	--	1	--	--	1	1.5
		--	FG	--	--	1 & 4	--	1	1.5

- (a) FG -- FIBROUS GLASS  
FE -- FLEXIBLE ELASTOMERIC  
UR -- URETHANE  
CS -- CALCIUM SILICATE  
CF -- CERAMIC FIBER
- (b) 0 -- NONE  
1 -- ALL SERVICE  
2 -- ALUMINUM FOIL  
3 -- CANVAS  
4 -- POLYVINYL CHLORIDE (WHERE SUBJECT TO ABUSE OR SPECIFICALLY INDICATED)  
5 -- STAINLESS STEEL  
6 -- ALUMINUM  
7 -- EPDM
- (c) INSULATION TYPE, JACKETING & THICKNESS  
FOR EQUIPMENT SHALL MATCH THE  
CORRESPONDING PIPING SYSTEMS  
PARAMETERS LISTED FOR: EQUIPMENT  
ROOMS, NOMINAL PIPE SIZE 8" AND LARGER

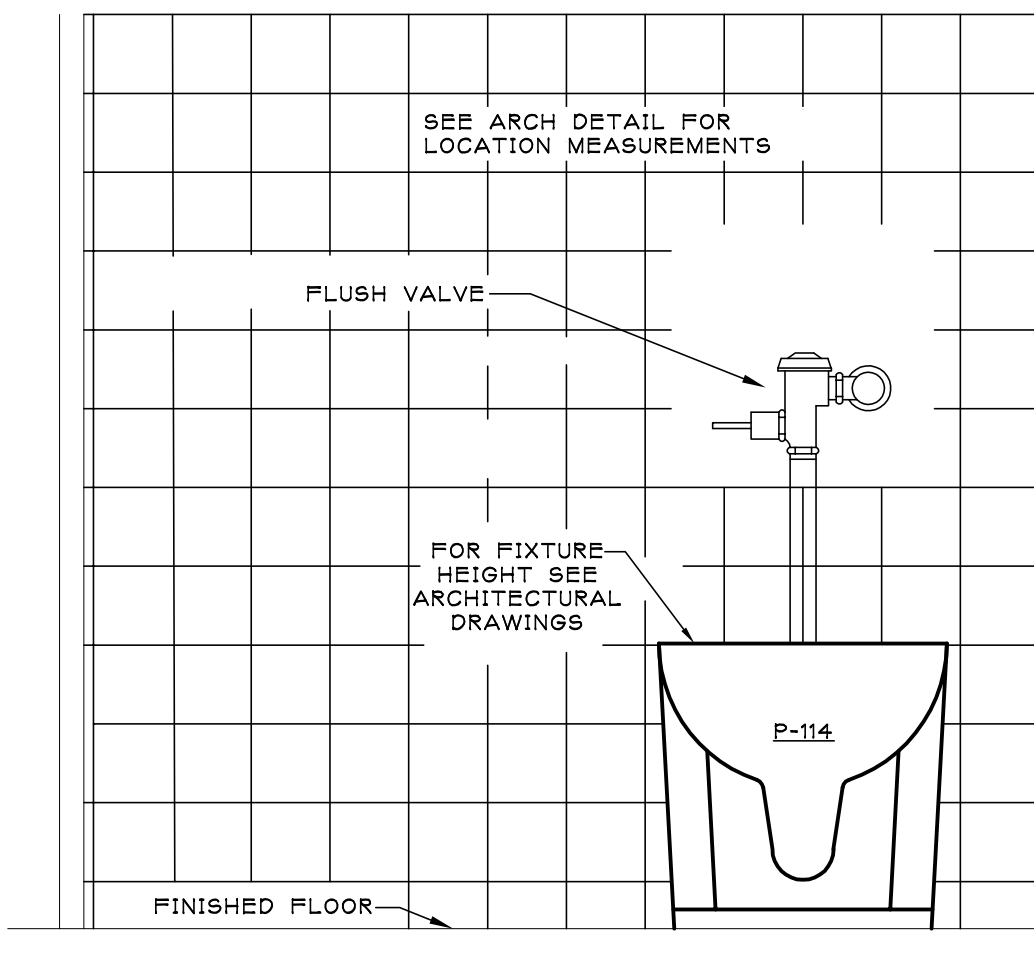
- GENERAL PLUMBING NOTES:
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING OR COMPONENT, HOWEVER, CONTRACT DOCUMENTS REQUIRE COMPONENTS AND MATERIALS WHETHER OR NOT INDICATED OR SPECIFICALLY SPECIFIED TO MAKE THE SYSTEMS BEING INSTALLED COMPLETE, CODE COMPLIANT, TESTED AND OPERATIONAL.
  - CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
  - ALL MATERIALS, EQUIPMENT, METHODS OF INSTALLATION, REMOVALS AND DISPOSAL SHALL BE IN ACCORDANCE WITH THE STANDARDS, REGULATIONS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL, GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
  - PERFORM WORK, PROVIDE MATERIALS AND EQUIPMENT FOR SYSTEMS SHOWN, SPECIFIED AND DESCRIBED ON DRAWINGS. COMPLETELY COORDINATE ALL TRADES OF THIS CONTRACT AND PROVIDE COMPLETE AND FULLY FUNCTIONAL INSTALLATION. ALL WORK IN THIS SET TO BE COMPLETED UNDER THIS CONTRACT, UNLESS OTHERWISE INDICATED.
  - PROTECT ALL EXISTING AND NEW BUILDING ELEMENTS FROM DAMAGE. CONTRACTOR SHALL RESTORE ALL DAMAGED ELEMENTS TO ORIGINAL OR BETTER CONDITION.
  - WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, RECTILINEAR APPEARANCE WHEN COMPLETED. MAINTAIN MAXIMUM HEAD ROOM AT ALL TIMES. DO NOT RUN PIPES, DUCTS, AND CONDUIT EXPOSED UNLESS SHOWN AND NOTED TO BE EXPOSED ON DRAWINGS.
  - MATERIALS AND EQUIPMENT SHALL BE NEW AND RELATED TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES.
  - CONTRACTOR IS RESPONSIBLE FOR ALL WORK RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND TESTING SYSTEMS TO ALLOW FOR COMPLETION OF WORK. INTERRUPTIONS TO EXISTING SERVICES AND SYSTEMS SHALL BE AS SHORT AS POSSIBLE AND AT A TIME AND DURATION APPROVED BY THE OWNER AND UTILITY AS APPLICABLE. INCLUDE ALL PREMIUM TIME ASSOCIATED WITH INTERRUPTIONS. ALL SYSTEM INTERRUPTIONS SHALL BE SCHEDULED WITH COTR, UTILITY AND COORDINATED WITH OTHER TRADE WORK.
  - ALL EQUIPMENT PIPING, WIRING, INSULATION ETC. INSTALLED IN HVAC AIR PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
  - SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS AND FLOORS WITH UL RATED MATERIALS/SMITHER EQUIVALENT TO FIRE RATINGS OF ASSEMBLY.
  - PROVIDE PROPER ACCESS TO EQUIPMENT THAT REQUIRES INSPECTION, REPLACEMENT OR REPAIR. ACCESS PANELS/DOORS SHALL BE A MINIMUM OF 12"x12", UNLESS OTHERWISE NOTED.
  - DO NOT SUPPORT EQUIPMENT FROM SUSPENDED CEILINGS. ALL SUPPORT SHALL BE FROM BUILDING STRUCTURE OR FROM CEILING SUSPENSION SYSTEM WHICH HAS BEEN REINFORCED. SUPPORTS SHALL BE SELECTED AND INSTALLED TO PROVIDE A VIBRATION FREE INSTALLATION.
  - WHEN MAKING CONNECTION TO EXISTING HOT AND COLD WATER PIPING THAT DO NOT HAVE ISOLATION VALVES THE FIRST OPTION FOR ISOLATION SHALL BE FREEZING THE EXISTING SUPPLIES AT AND ADJOINING THE CONNECTION POINT TO ELIMINATE THE NEED TO SHUTDOWN SERVICES OUTSIDE CONSTRUCTION AREA. THESE CONNECTIONS SHALL BE MADE BY PLUMBERS HAVING EXPERIENCE WITH THIS TYPE OF PROCEDURE. FREEZING OF SUPPLY PIPING SHALL BE ACCOMPLISHED BY USE OF PROFESSIONAL FREEZING KIT. SPECIFICALLY FOR FREEZING COPPER WATER LINES, CONTRACTOR TO SHUTDOWN SYSTEM OUTSIDE OF CONTRACT AREA AS A LAST RESORT. IN THE EVENT THAT SHUTDOWN OF SYSTEMS IS REQUIRED, CONTRACTOR SHALL COORDINATE SHUTDOWN WITH COTR. CONTRACTOR TO BE PREPARED ON SITE WITH "JET-SWET" TOOL OR SIMILAR TO STOP FLOW OF WATER AFTER SHUTDOWN IF EXISTING VALVES DO NOT HOLD. AT POINT OF CONNECTIONS THE USE OF COMPRESSION FITTINGS (PRO-FIT OR EQUAL) SHUT DOWNS MAY NEED TO BE OFF HOURS AT A THE DISCRETION OF THE COR.
  - THESE GENERAL NOTES APPLY TO ALL DRAWINGS WITHIN THIS TRADE.

- GENERAL MED GAS NOTES:
- COORDINATE WORK IN THE CEILING WITH OTHER DIVISIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL MEDICAL GAS EQUIPMENT.
  - MEDICAL GAS DESIGN, INSTALLATION, MATERIALS AND TESTING SHALL BE IN COMPLIANCE WITH MOST CURRENT NFPA 99, CGA, AND OTHER APPLICABLE CODES.
  - ALL MEDICAL GAS EQUIPMENT/MATERIALS (WALL OUTLETS, HEADWALL, COLUMN, CEILING BOOMS ETC.) SHALL BE FROM THE SAME MANUFACTURER, AND TO BE OHMEDA STYLE OUTLETS.
  - REFER TO ALL QUALITY ASSURANCE, TESTING AND CERTIFICATION REQUIREMENTS DETAILED IN SPECIFICATION SECTION 226300 AND 226200.
  - PROVIDE LABELING INDICATED THE SERVICES/GASES PROVIDED AND THE AREAS THAT EACH ZONE/LINE VALVE SERVES. FOR EXAMPLE "OXYGEN FOR ROOMS 707-715". ALSO PROVIDE A LABEL EITHER INSIDE THE CABINET OR OUTSIDE THAT INDICATES WHERE THE CLOSEST SHUTOFF VALVE IS THAT FEEDS AN AREA. ALL LABELING TO COMPLY WITH THE MOST CURRENT NFPA 99.

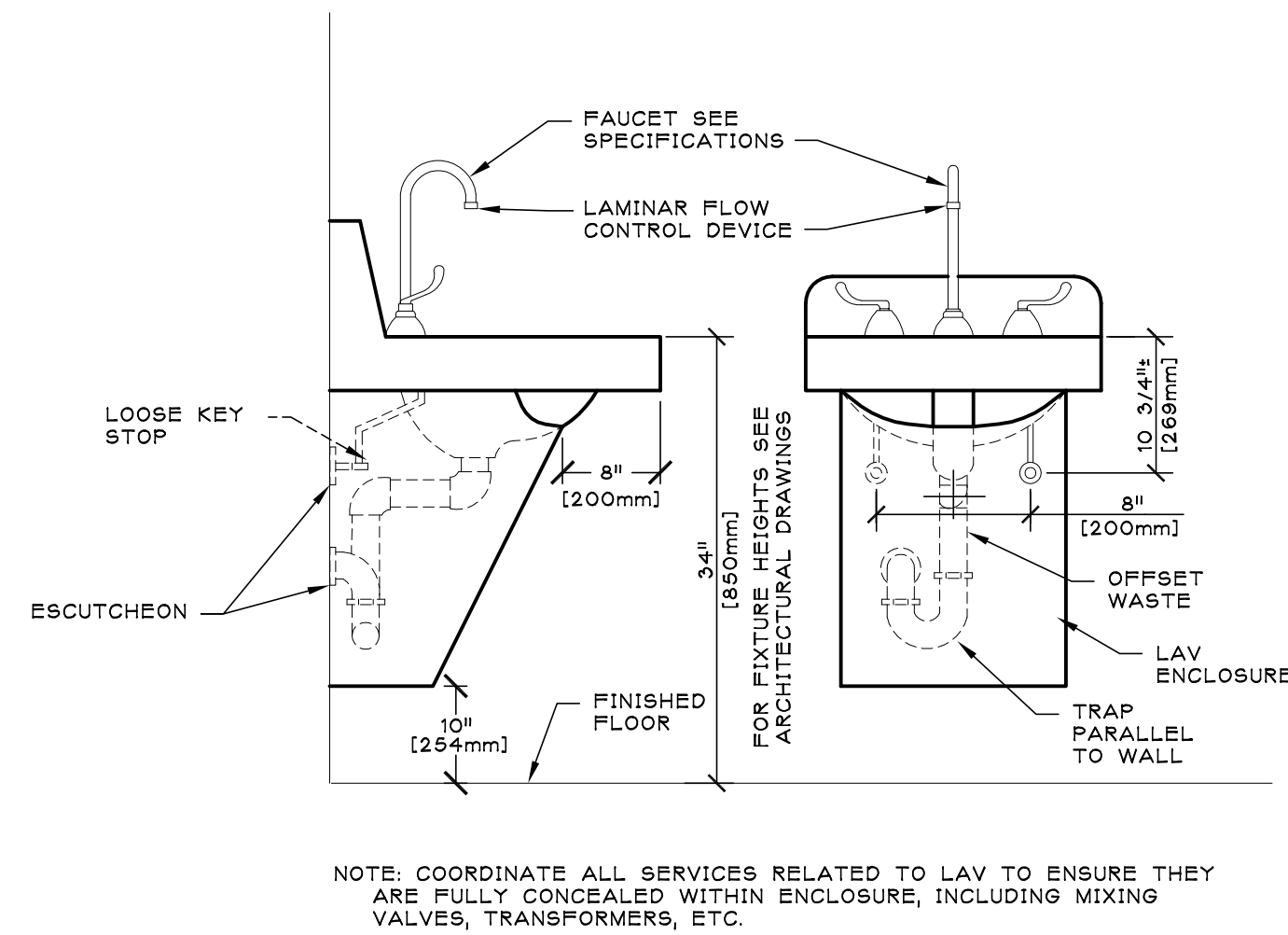
PLUMBING SYMBOLS	
	LIMIT OF REMOVAL
	POINT OF CONNECTION
	UNION
	FLANGE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	CLEAN OUT - DECK PLATE
	CLEAN OUT - END LINE
	BALL VALVE
	PIPE LOOP
	SLOPE DOWN
	WATER HAMMER ARRESTOR
	PIPE CAP
	PIPE RISER ELBOW DOWN
	PIPE RISER ELBOW UP
	PIPE BOTTOM OF BRANCH
	DEMOLITION
	NEW WORK
	CW - DOMESTIC COLD WATER
	HW - DOMESTIC HOT WATER
	SHOWER HEAD
	PLUMBING TRAP
	BELOW SLAB
	STORM
	SANITATION
	MEDICAL AIR
	MEDICAL VACUUM
	MEDICAL OXYGEN
	FLOOR DRAIN
	PLUMBING FIXTURE IDENTIFICATION TAG
	LAVATORY



TYPICAL MEDGAS DETAIL  
SCALE: NONE



WATER CLOSET  
SCALE: NONE



TYPICAL WHEELCHAIR LAVATORY DETAIL  
SCALE: NONE

HANGER ROD SCHEDULE		HANGER ROD SPACING	
PIPE SIZE	ROD SIZE	PIPE SIZE	MAX. ALLOWABLE SPACING
UP TO 2"	3/8" DIA.	1"	7'
2-1/2" THRU 3"	1/2" DIA.	1-1/4"	8'
4" AND 5"	5/8"	1-1/2"	9'
6" THRU 8"	3/4"	2"	10'
12"	7/8"	2-1/2"	11'
		3" THRU 8"	12'
		10" & 12"	15'

PLUMBING PIPE HANGER INSTALLATION DETAIL  
SCALE: NONE

Revisions:	Date	CONSULTANTS:	ARCHITECT/ENGINEERS: <b>dwyer</b> ARCHITECTURAL SYRACUSE 313 East Willow Street Suite 107 Syracuse, NY 13203 ph: 315.299.7188 ROCHESTER 1344 University Avenue Suite 140 Rochester, NY 14607 ph: 585.461.4771 <b>IPD: Engineering</b> INTEGRATED PROJECT DELIVERY ONE WEBSTER'S LANDING SYRACUSE, NEW YORK 13202 315.423.0185	Drawing Title <b>PLUMBING GENERAL INFORMATION</b>	Project Title RENOVATE FOR WOMEN'S CLINIC	Project Number VA# 528A7-13-701 IPD# 11-7230 Building Number 1	VA HEALTHCARE NETWORK UPSTATE NEW YORK	
				Approved: Project Director	Location 800 IRVING AVENUE, SYRACUSE NY 13210	Drawing Number <b>P-001</b> Dwg. 22 of 41		
					Date 12.18.2012	Checked SBG	Drawn NCB	