



PLUMBING GENERAL NOTES:

- A. THE DRAWINGS ARE DIAGRAMMATIC. PROVIDE ALL MATERIAL (NEW AND UNDAMAGED) AND LABOR FOR A COMPLETE AND OPERABLE SYSTEM. VERIFY ALL BUILDING MEASUREMENTS, DIMENSIONS AND EQUIPMENT LOCATIONS BEFORE PROCEEDING WITH ANY OF THE WORK.
- B. REFER TO THE MECHANICAL SPECIFICATIONS FOR MATERIALS, EQUIPMENT, AND ADDITIONAL CONSTRUCTION INSTRUCTIONS NOT COVERED BY THESE PLANS.
- C. VERIFY THE EXISTING EQUIPMENT, PIPES, VALVES LOCATIONS AND SIZES THAT ARE SHOWN ON THESE PLANS AND REPORT ALL DISCREPANCIES BACK TO ENGINEER FOR EVALUATION PRIOR TO PROCEEDING WITH WORK.
- D. ALL INSTALLATIONS SHALL COMPLY WITH APPLICABLE FEDERAL AND STATE CODES INCLUDING 2014 OREGON STRUCTURAL SPECIALTY CODE (OSSC) INCLUDING APPENDIX N FOR OREGON FIRE CODE REGULATIONS, 2017 OREGON PLUMBING SPECIALTY CODE (OPSC), 2014 OREGON MECHANICAL SPECIALTY CODE (OMSC), 2014 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEECS), AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). WHERE TWO CODES DIFFER THE MORE STRICT OF THE TWO SHALL BE FOLLOWED.
- E. ALL PIPES, EXITING, ENTERING OR PASSING THROUGH ANY RATED FIRE WALL OR OCCUPANCY SEPARATION SHALL HAVE FIRE BLOCKING.
- F. ALL NON-PRESSURIZED DRAIN LINES (SANITARY WASTE) ARE TO HAVE A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS OTHERWISE NOTED.
- G. ALL PIPING INVERTS OR ELEVATIONS ARE MEASURED TO BOTTOM OF PIPE (BOP), UNLESS OTHERWISE IDENTIFIED.
- H. ALL POTABLE WATER SYSTEM PIPING AND EQUIPMENT ARE TO BE FLUSHED AND DISINFECTED PRIOR TO COMMISSIONING AND USE, AS PER CLEANING AND COMMISSIONING REQUIREMENTS OUTLINED IN OREGON PLUMBING SPECIALTY CODE & SPECIFICATIONS.
- I. VENT PER CODE AND AS SHOWN ON DRAWINGS.
- J. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN APPROVED LOCATION. TRENCHES FOR PIPING SHALL BE SHORED AND WIDE ENOUGH FOR PROPER INSTALLATION.
- K. PROVIDE CLEANOUTS WHERE INDICATED AND PER CODE.
- L. PRIME FLOOR DRAINS/SINKS PER CODE.
- M. PROVIDE DIELECTRIC FITTINGS AT DISSIMILAR METALS PIPE CONNECTIONS.
- N. VERIFY ALL ELECTRICAL REQUIREMENTS BEFORE ORDERING EQUIPMENT.
- O. INSTALL ALL EQUIPMENT PER MANUFACTURERS' INSTRUCTIONS.
- P. CONTRACTOR TO PROVIDE ACCESS DOORS WHERE REQUIRED BY CODE.
- Q. CONTRACTOR TO FLASH AND COUNTERFLASH NEW VENT THRU ROOF WATER TIGHT.

PLUMBING CALCULATIONS SCHEDULE											
FIXTURE UNIT COUNTS NEW ADDITION PLUS EXISTING BLDG.											
FIXTURE TYPE	MIN. WATER OUTLET	MIN. WASTE	NO OF OUTLET FIXTURES	HOT WATER FIXTURE UNITS	SUM	COLD WATER FIXTURE UNITS	SUM	DOMESTIC WATER FIXTURE UNITS	SUM	WASTE&VENT UNIT DFU	SUM
HOSE BIBB, SILL COCK-ADDITIONAL	1/2		2			1.0	2.0	1	2.0		
KITCHEN SINK	1/2	2	1	1.1	1.1	1.1	1.1	1.5	1.5	2	2
LAVATORY	1/2	1 1/4	1	0.8	0.8	0.8	0.8	1	1.0	1	1
RECEPTORS()		1 1/2	1							1	1
SINK-BAR	1/2	2	10	1.1	11.3	1.1	11.3	1.5	15.0	2	20
WATER CLOSET, FLUSHOMETER TANK, 1 G	1/2	3	1			2.0	2.0	2	2.0	4	4
4/FLOOR SINK		4	1							8	8
EXISTING FIXTURES					45.2		154.8		154.8		154
TOTAL FIXTURE UNITS			17.0		58.3		171.9		176.3		190.0
TOTAL BLDG CW: FLUSH VALVE SYSTEMS	2-1/2"			GPM	55			GPM	85.5		
BUILDING WASTE LINE - 2% SLOPE			4								

MEDICAL GASES AND EQUIPMENT:	
A.	FOR MEDICAL EQUIPMENT, GAS ZONE VALVES, GAS STORAGE TANKS, COMPRESSOR, VACUUM PUMP, DENTAL UNITS, GAS PIPING, ETC, SEE BURHART DENTAL PLANS AND SPECS FOR REQUIREMENTS.

SOLIDS INTERCEPTOR TANK SCHEDULE	
DESIGNATOR	SLT-1
SYSTEM TYPE	SOLIDS INTERCEPTOR
STYLE	UNDERCOUNTER
AREA SERVED	CASTING ROOM
LIQUID CAPACITY - GALLONS	1.2
TANK CONSTRUCTION MATERIAL	HDPE
TELEGUIDE RISER	N/A
SCREEN FILTER	3/16 IN
COVER DIAMETER - IN	11
COVER TYPE	N/A
WASTE INLET CONNECTION - IN	1 1/2
WASTE OUTLET CONNECTION - IN	1 1/2
BASIS OF DESIGN, MODEL#	STRIEMCO USI-1180-1
UNIT DRY WEIGHT (LBS)	8
UNIT WET WEIGHT (LBS)	18
SEE NOTES	1,2,3,4,5
REMARKS	
1. PROVIDE TOP ACCESS INTERCEPTOR	
2. INSTALL BELOW SINK WITH BOTTOM SUPPORT	
3. ALLOW 11 IN ACCESS CLEARANCE ON TOP OF INTERCEPTOR	
4. PROVIDE DEVICE RATED FOR PLASTER & CLAY/HEAVY SOLIDS.	
5. FLOWRATE BASED ON 1/4 IN / FT SLOPE. N=0.012 IN. AND HALF PIPE FLOW	