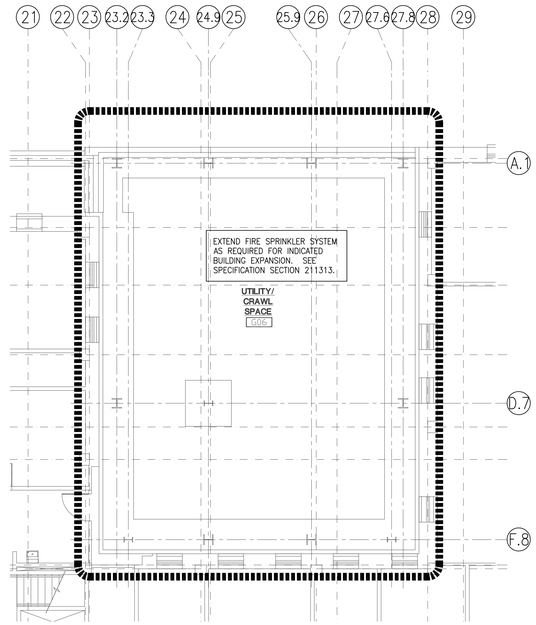
METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

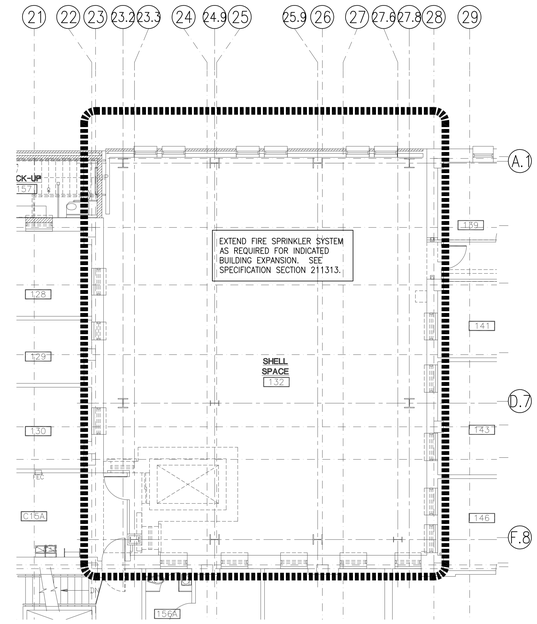
GENERAL NOTES:

A. WHENEVER EXISTING FIRE SPRINKLER PIPING IS REMOVED, THE FIRE SPRINKLER CONTRACTOR IS TO ANALYZE THE PIPING FOR OBSTRUCTIONS AND PROVIDE WRITTEN OBSTRUCTION DOCUMENTATION IN ACCORDANCE WITH NFPA REQUIREMENTS TO THE VA.



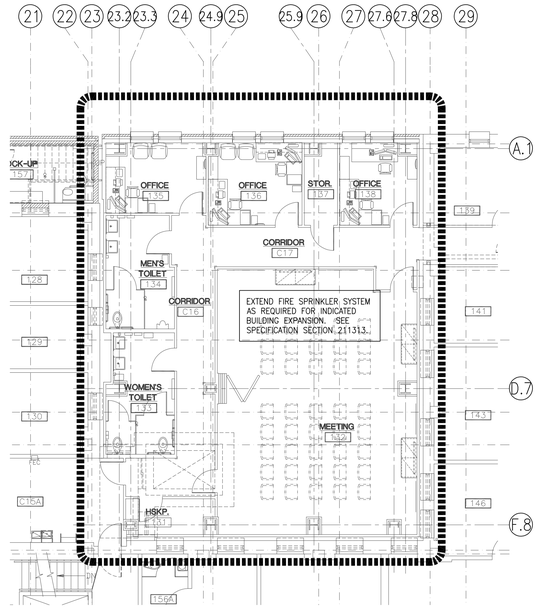
BASEMENT PLAN – FIRE SPRINKLER

SCALE: 1/8" = 1'-0"



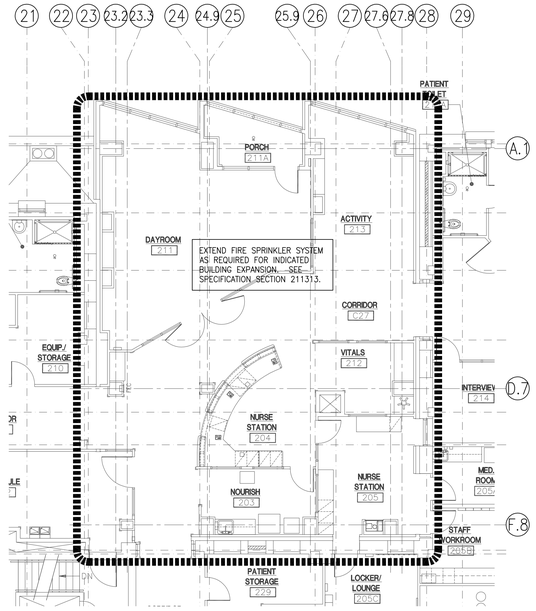
FIRST FLOOR PLAN – FIRE SPRINKLER – BASE BID

SCALE: 1/8" = 1'-0"



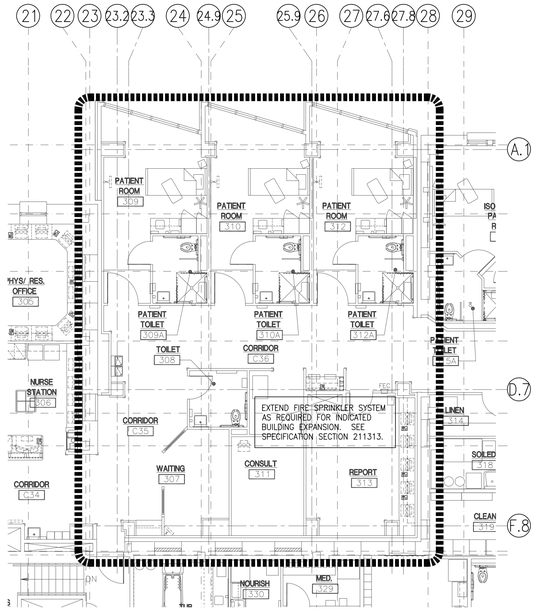
FIRST FLOOR PLAN – FIRE SPRINKLER – BID OPTION #1

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN – FIRE SPRINKLER

SCALE: 1/8" = 1'-0"



THIRD FLOOR PLAN – FIRE SPRINKLER

SCALE: 1/8" = 1'-0"

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531-320_67A3.DWG
531-320_67GRID.DWG

DRAWING TITLE: FIRE SPRINKLER PLANS

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO. 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

BUILDING NUMBER	CHECKED	DRAWN
67	SCH	MEJ

LOCATION: VAMC BOISE, IDAHO

DRAWING NO. FP1.0

DWG 125 OF 191

DEPARTMENT OF VETERANS AFFAIRS

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AG	AIR GAP
AP	ACCESS PANEL
ASHRAE	AMERICAN SOCIETY HEATING, REFRIGERATION, AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY PLUMBING ENGINEERS
BFP	REDUCED PRESSURE BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
C	CELSIUS
CO	CLEANOUT
COTR	CONTRACTING OFFICER' TECHNICAL REPRESENTATIVE
CW	COLD WATER
(D)	DEMOLISH
DN	DOWN
DOE	DEPARTMENT OF ENERGY
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWV	DRAIN WASTE VENT
(E)	EXISTING
EL	ELEVATION
EPA	ENVIRONMENTAL PROTECTION AGENCY
EPACT	ENERGY POLICY ACT
ET	EXPANSION TANK
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
FU	FIXTURE UNITS
GAL	GALLON
GCO	GRADE CLEANOUTS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	HORSEPOWER
HW	HOT WATER (DOMESTIC)
HWCP	HOT WATER CIRCULATING PUMP
HWR	HOT WATER RETURN (DOMESTIC)
IPC	INTERNATIONAL PLUMBING CODE
IW	INDIRECT WASTE
KW	KILOWATT
L/S	LITER PER SECOND
LAV	LAVATORY
M	METER
MA	MEDICAL AIR
MBH	1000 BTUH
MHT	MALE HOSE THREAD
MO	MEDICAL OXYGEN
MV	MEDICAL VACUUM
(N)	NEW
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTC	NOT TO SCALE
OD	OUTSIDE DIAMETER
ODL	OVERFLOW DRAIN LEADER
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
(R)	RELOCATED
SAN	SANITARY SEWER
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SQFT	SQUARE FEET
TD	TEMPERATURE DIFFERENCE
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TYP	TYPICAL
UFAS	UNIFORM FEDERAL ACCESSIBILITY STANDARDS
UPC	UNIFORM PLUMBING CODE
V	VENT
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
YH	YARD HYDRANT

PLUMBING PIPING SYMBOLS

- FLOOR CLEANOUT
- WALL CLEANOUT
- CLEANOUT PLUG
- FLOOR DRAIN, ROUND
- FLOOR SINK, SQUARE
- STANDPIPE
- ROOF/OVERFLOW DRAIN
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP WITH ELBOW
- PIPE TEE DOWN
- FLOW DIRECTION INDICATOR
- HOSE BIBB
- DIRECTION OF PIPE PITCH (DOWN)
- CAP
- BALL VALVE
- GATE VALVE
- BALANCING VALVE
- (E) (N) CONNECT NEW TO EXISTING SHADED SIDE IS NEW WORK

PIPING LEGEND

CW — CW	(N)DOMESTIC COLD WATER
HW — HW	(N)DOMESTIC HOT WATER
HWR — HWR	(N)DOMESTIC HOW WATER RETURN
SAN — SAN	(N)SANITARY SEWER
V — V	(N)SANITARY VENT
RDL	(N)ROOF DRAIN LEADER
ODL	(N)OVERFLOW DRAIN LEADER
MA — MA	(N)MEDICAL AIR
MO — MO	(N)MEDICAL OXYGEN
MV — MV	(N)MEDICAL VACUUM
CW — CW	(E)DOMESTIC COLD WATER
HW — HW	(E)DOMESTIC HOT WATER
HWR — HWR	(E)DOMESTIC HOW WATER RETURN
SAN — SAN	(E)SANITARY SEWER
V — V	(E)SANITARY VENT
MA — MA	(E)MEDICAL AIR
MO — MO	(E)MEDICAL OXYGEN
MV — MV	(E)MEDICAL VACUUM

PLUMBING SHEET INDEX

P0.1	PLUMBING COVER SHEET
P0.2	PLUMBING SCHEDULES
P1.0MG	BASEMENT DEMOLITION PLAN – MEDICAL GAS
P1.0WA	BASEMENT DEMOLITION PLAN – WATER
P1.0WV	BASEMENT DEMOLITION PLAN – WASTE AND VENT
P1.2MG	SECOND FLOOR DEMOLITION PLAN – MEDICAL GAS
P1.2WA	SECOND FLOOR DEMOLITION PLAN – WATER
P1.2WV	SECOND FLOOR DEMOLITION PLAN – WASTE AND VENT
P1.3AMG	THIRD FLOOR DEMOLITION PLAN – MEDICAL GAS–BASE BID
P1.3AWA	THIRD FLOOR DEMOLITION PLAN – WATER–BASE BID
P1.3AWV	THIRD FLOOR DEMOLITION PLAN – WASTE AND VENT–BASE BID
P1.3MG	THIRD FLOOR DEMOLITION PLAN – MEDICAL GAS
P1.3WA	THIRD FLOOR DEMOLITION PLAN – WATER
P1.3WV	THIRD FLOOR DEMOLITION PLAN – WASTE AND VENT
P2.0MG	BASEMENT PLAN – MEDICAL GAS
P2.0WA	BASEMENT PLAN – WATER
P2.0WV	BASEMENT PLAN – WASTE AND VENT
P2.1MG	FIRST FLOOR PLAN – MEDICAL GAS
P2.1WA	FIRST FLOOR PLAN – WATER
P2.1WV	FIRST FLOOR PLAN – WASTE AND VENT
P2.2MG	SECOND FLOOR PLAN – MEDICAL GAS
P2.2TP	SECOND FLOOR PLAN – TRAP PRIMERS
P2.2WA	SECOND FLOOR PLAN – WATER
P2.2WV	SECOND FLOOR PLAN – WASTE AND VENT
P2.3AMG	THIRD FLOOR PLAN – MEDICAL GAS–BASE BID
P2.3ATP	THIRD FLOOR PLAN – TRAP PRIMERS–BASE BID
P2.3AWA	THIRD FLOOR PLAN – WATER–BASE BID
P2.3AWV	THIRD FLOOR PLAN – WASTE AND VENT–BASE BID
P2.3MG	THIRD FLOOR PLAN – MEDICAL GAS
P2.3TP	THIRD FLOOR PLAN – TRAP PRIMERS
P2.3WA	THIRD FLOOR PLAN – WATER
P2.3WV	THIRD FLOOR PLAN – WASTE AND VENT
FP1.0	FIRE PROTECTION PLANS

PLUMBING GENERAL NOTES

A. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND STANDARDS, INCLUDING IBC, UPC, NFPA.

B. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE DEPARTMENT OF VETERANS AFFAIRS REQUIREMENTS. REFER TO SPECIFICATIONS FOR APPLICABLE VA REQUIREMENTS.

C. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS.

D. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

E. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

F. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE EASILY ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR LOCATIONS.

G. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT CONDITIONS IN CONFLICT WITH THE PLANS.

H. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

I. COORDINATE INSTALLATION OF PIPING BELOW AND ABOVE GRADE WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.

M. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

N. PIPING PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE FIRE STOPPED IN ACCORDANCE WITH 2006 IBC SECTION 712. ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.

O. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.

P. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.

Q. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA.

R. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED TO HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE. WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.

S. SINCE WORK WILL TAKE PLACE IN A HOSPITAL CAMPUS, THERE IS THE POSSIBILITY OF THE CONTRACTOR COMING IN CONTACT WITH BLOOD AND BODY FLUIDS WHENEVER WORKING ON THE SANITARY SEWER SYSTEM. CONTRACTOR IS REQUIRED TO PROVIDE AND USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHENEVER WORKING ON THE SANITARY SEWER SYSTEM TO PREVENT EXPOSURE TO THEIR EMPLOYEES.

T. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

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CAD FILE NAME: 531-320_P0.1.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG

DRAWING TITLE: PLUMBING COVER SHEET

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

BUILDING NUMBER: 67

CHECKED: SCH

DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DRAWING NO.: P0.1

DWG 94 OF 191

DEPARTMENT OF VETERANS AFFAIRS

THREE INCHES = ONE FOOT

ONE AND ONE HALF INCHES = ONE FOOT

ONE INCH = ONE FOOT

THREE QUARTERS INCH = ONE FOOT

ONE HALF INCH = ONE FOOT

THREE EIGHTHS INCH = ONE FOOT

ONE QUARTER INCH = ONE FOOT

ONE EIGHTH INCH = ONE FOOT

PLUMBING FIXTURE SCHEDULE - CONTRACTOR PROVIDED FIXTURES/EQUIPMENT

FIXTURE				TRIM			CONNECTIONS				REMARKS
MARK	ITEM	MFGR	MODEL	ITEM	MFGR	MODEL	CW, mm (IN)	HW, mm (IN)	W, mm (IN)	V, MM (IN)	
EWC-1	ELECTRIC WATER COOLER	ELKAY	EMABFTLDDC	–	–	–	12.7 (1/2)	–	38.1 (1-1/2)	38.1 (1-1/2)	WALL-MOUNTED DRINKING FOUNTAIN WITH STAINLESS STEEL CABINET AND 30.3 L/hr (8 GPH) CHILLED WATER CAPACITY. FURNISHED WITH #EWF172 FACTORY WATER FILTER. ELECTRICAL LOAD 5 FLA AT 115 VOLTS. UFAS COMPLIANT (BARRIER-FREE).
FD-1	FLOOR DRAIN (ROUND-INTERIOR)	J.R. SMITH	2005Y02A-P050-NB	–	–	–	–	–	50.8 (2)	38.1 (1-1/2)	CAST IRON BODY WITH ADJUSTABLE STRAINER HEAD. FURNISH WITH ROUND TOP, 12.7 mm (1/2") CW TRAP PRIMER CONNECTION, AND NICKEL BRONZE STRAINER.
FD-2	FLOOR DRAIN (ROUND-INTERIOR)	J.R. SMITH	2005Y02-A05NB-P050-HP-B	–	–	–	–	–	50.8 (2)	38.1 (1-1/2)	CAST IRON BODY WITH ADJUSTABLE STRAINER HEAD. FURNISH WITH ROUND TOP, 12.7 mm (1/2") CW TRAP PRIMER CONNECTION, VANDAL PROOF SCREWS, SEDIMENT BUCKET AND NICKEL BRONZE STRAINER.
FS-1	FLOOR SINK (DEEP BODY)	J.R. SMITH	3009NB-P050-DBS-12	–	–	–	–	–	101.6 (4)	50.8 (2)	304.8mmx304.8mmx254mm (12"x12"x10") DEEP RECEPTOR WITH ACID RESISTANT ENAMEL COATED INTERIOR AND STAINLESS STEEL BUCKET.
L-1	UFAS LAVATORY (WALL MOUNTED)	ZURN	Z5340-PED	FAUCET GRID STRAINER TRAP-STOP-SUPPLIES	ZURN ZURN ZURN	Z6913-XL-CWB-F-TMV1 Z8743 Z8946-1-NT	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	20" X 18" WALL MOUNTED SINGLE HOLE VITREOUS CHINA LAVATORY WITH HALF PEDESTAL. FURNISH WITH DECK MOUNTED CHROME PLATED HARD WIRED SENSOR OPERATED FAUCET, 1.9 L/min (0.5 GPM) VANDAL RESISTANT AERATOR, AND TEMPERATURE MIXING VALVE SET TO 37.8° C (100° F). INSULATE P-TRAP, CW AND HW LINES FOR ADA COMPLIANCE. UFAS COMPLIANT (BARRIER-FREE).
L-2	UFAS LAVATORY (WALL MOUNTED, LIGATURE RESISTANT)	BRADLEY	HSL1-IR-TMA-TC-AL-BRKT	–	–	–	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	LIGATURE RESISTANT DESIGN WALL MOUNTED SOLID SURFACE MATERIAL SINK WITH INFRARED SPRAY HEAD, PLUG-IN TRANSFORMER AND STAINLESS STEEL TRAP COVER. RESISTANT AERATOR, AND TEMPERATURE BALANCING VALVE SET TO 37.8° C (100° F). INSULATE CW, HW, AND SS LINES FOR ADA COMPLIANCE. UFAS COMPLIANT (BARRIER-FREE).
MV-1	MIXING VALVE	WATTS	USG-B	–	–	–	12.7 (1/2)	12.7 (1/2)	–	–	INSTALL VALVE UNDER SINK AND SET TO 40° C (105° F) FOR EXAM SINKS, AND BREAK ROOM SINK. INSTALL ON WALL ABOVE SERVICE SINK (SS-1) AND SET TO 49° C (120° F).
OD-1	OVERFLOW DRAIN	J.R. SMITH	1080Y-R-C-CID	–	–	–	–	–	–	–	CAST IRON OVERFLOW DRAIN WITH 2" EXTERIOR WATER DAM, COMBINATION FLASHING CLAMP/GRAVEL STOP, AND BOTTOM NO-HUB OUTLET. FURNISH WITH CAST IRON DOME, SUMP RECEIVER, AND UNDER DECK CLAMP.
RD-1	ROOF DRAIN	J.R. SMITH	1010Y-R-C-CID	–	–	–	–	–	–	–	CAST IRON ROOF DRAIN WITH COMBINATION FLASHING CLAMP/GRAVEL STOP, AND BOTTOM NO-HUB OUTLET. FURNISH WITH CAST IRON DOME, SUMP RECEIVER, AND UNDER DECK CLAMP.
SA-1	SHOCK ABSORBER	J.R. SMITH	5005 THROUGH 5050	–	–	–	–	–	–	–	STAINLESS STEEL RECHARGED HYDRATOR WATER HAMMER ARRESTOR. SIZE SHOCK ABSORBER FOR THE FIXTURES SERVED AND INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
SH-1	UFAS SHOWER	ZURN	Z7120-SS-LH-HW-DT-SC	–	–	–	12.7 (1/2)	12.7 (1/2)	–	–	SURFACE-MTD SHOWER WITH FLANGED SHOWER HEAD, DIVERTER VALVE, HAND SHOWER WITH METAL FLEX HOSE AND VACUUM BREAKER, 610 mm (24") SLIDE BAR, TEMPERATURE BALANCING MIXING VALVE WITH INTEGRAL SERVICE STOPS. UFAS COMPLIANT (BARRIER FREE).
SH-2	UFAS SHOWER	SYMMONS	5700-1-150-X	–	–	–	12.7 (1/2)	12.7 (1/2)	–	–	LIGATURE RESISTANT SHOWER HEAD AND VALVE. UFAS COMPLIANT (BARRIER FREE).
SH-3	UFAS SHOWER (ACCESSIBLE)	SYMMONS	5700-X-57-458-150-150	–	–	–	12.7 (1/2)	12.7 (1/2)	–	–	LIGATURE RESISTANT SHOWER HEAD AND VALVE. UFAS COMPLIANT (BARRIER FREE). INSTALL (1) SHOWERHEAD LO AT 48" A.F.F. AND (1) SHOWERHEAD HI @ 72" A.F.F. DIVERTER SHALL BE MOUNTED AT SAME HEIGHT AS VALVE.
SK-1	UFAS COUNTER MOUNTED EXAM SINK	BY OTHERS	–	SPOUT FOOT PEDALS	ZURN ZURN	Z821A0-17F Z85500	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	SOLID SURFACE COUNTER AND INTEGRAL SINK PROVIDED BY OTHERS. RE: A6.2. FURNISH WITH P-TRAP ASSEMBLY, GRID DRAIN, AND CONTROL STOPS. POLISHED CHROME DOUBLE FOOT PEDAL VALVE FLOOR MOUNTED, SELF CLOSING DOUBLE PEDAL MIXING. 5.7 L/min (1.5 GPM) PRESSURE COMPENSATING AERATOR. PROVIDE WITH STAINLESS STEEL BRAIDED CONNECTION HOSES. UFAS COMPLIANT.
SK-2	UFAS WALL MOUNTED EXAM SINK	ZURN	Z5360	SPOUT FOOT PEDALS	ZURN ZURN	Z821A0-17F Z85500-LM	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	WALL MOUNTED VITREOUS CHINA SINK WITH #Z8743-PC GRID STRAINER AND SINGLE HOLE PUNCH OUT. FURNISH WITH Z8700 P-TRAP ASSEMBLY, AND Z8800 CONTROL STOPS. SWING GOOSENECK SPOUT WITH 5.7 L/min (1.5 GPM) PRESSURE COMPENSATING AERATOR AND SELF-CLOSING DOUBLE FOOT VALVE. UFAS COMPLIANT.
SK-3	DOUBLE COMPARTMENT COUNTER MOUNTED SINK	ELKAY	LRQ3322	FAUCET GRID STRAINER	ELKAY ELKAY	LK1000 LKWBG1415SS	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	33" X 22" COUNTER MOUNTED, 14 GAUGE TYPE 304 SS SINGLE BOWL SINK WITH STRAINER AND SINGLE HOLE PUNCH OUT. FURNISH WITH P-TRAP ASSEMBLY, GRID DRAIN, AND CONTROL STOPS, POST MOUNT KITCHEN FAUCET WITH 5.7 L/min (1.5 GPM) PRESSURE COMPENSATING AERATOR.
SK-4	SINGLE COMPARTMENT COUNTER MOUNTED SINK	ELKAY	LRQ2522	FAUCET GRID STRAINER	ELKAY ELKAY	LK810GN08T4 LKWBG1415SS	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	25" X 22" COUNTER MOUNTED, 14 GAUGE TYPE 304 SS SINGLE BOWL SINK WITH STRAINER AND SINGLE HOLE PUNCH OUT. FURNISH WITH P-TRAP ASSEMBLY, GRID DRAIN, AND CONTROL STOPS, SWING GOOSENECK SPOUT WITH 5.7 L/min (1.5 GPM) PRESSURE COMPENSATING AERATOR.
SK-5	SINGLE COMPARTMENT COUNTER MOUNTED SINK	ELKAY	LRQ1720	FAUCET GRID STRAINER	ELKAY ELKAY	LK810GN08T4 LKWBG1415SS	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	17" X 20" COUNTER MOUNTED, 14 GAUGE TYPE 304 SS SINGLE BOWL SINK WITH STRAINER AND SINGLE HOLE PUNCH OUT. FURNISH WITH P-TRAP ASSEMBLY, GRID DRAIN, AND CONTROL STOPS, SWING GOOSENECK SPOUT WITH 5.7 L/min (1.5 GPM) PRESSURE COMPENSATING AERATOR.
SS-1	CORNER SERVICE SINK FLUSHING RIM	ZURN	Z5850-D3-RG	FAUCET	ZURN	Z843M1-XL-CS-5H	19.1 (3/4)	19.1 (3/4)	76.2 (3)	50.8 (2)	FLOOR (CORNER) MOUNTED ENAMELED CAST IRON SERVICE SINK. FURNISH WITH VINYL-COATED WIRE RIM GUARD, GRID DRAIN, HOSE WITH WALL HOOK; AND WALL MOUNTED FAUCET WITH TOP BRACE, STOPS, VACUUM BREAKER, 19.1 mm (3/4") THREADED HOSE OUTLET, AND PAIL HOOK.
SS-2	FLUSHING RIM SERVICE SINK	ZURN	Z5410	FAUCET	ZURN	Z60842AV-BWN-BG	19.1 (3/4)	19.1 (3/4)	76.2 (3)	50.8 (2)	WALL MOUNTED VITREOUS CHINA FLUSHING RIM SERVICE SINK. FURNISH WITH TOP SPUD, FRONT AND SIDE STAINLESS STEEL RIM GUARDS, EXPOSED FLUSH VALVE WITH BEDPAN WASHER AND SERVICE SINK FAUCET.
STP-1	STANDPIPE	FIELD FABRICATE	–	–	–	–	–	–	76.2 (3)	50.8 (2)	CONSTRUCT STANDPIPE RECEPTOR FOR INDIRECT CONNECTION.
TP-1	TRAP PRIMER (AUTO-ELECTRIC FLUSH MTD)	PPP	PT-4	–	–	–	19.1 (3/4)	–	–	–	FLUSH MOUNTED STEEL CABINET CONTAINING ATMOSPHERIC VACUUM BREAKER, SOLENOID VALVE, 24-HOUR TIME CLOCK, AND TRANSFORMER. FURNISH WITH A FOUR (4) OUTLET MANIFOLD, 12.7 mm (1/2") OUTLET COMPRESSION FITTINGS, AND A LOCKABLE STAINLESS STEEL ACCESS DOOR.
TP-2	TRAP PRIMER (AUTO-ELECTRIC FLUSH MTD)	PPP	PT-6	–	–	–	19.1 (3/4)	–	–	–	FLUSH MOUNTED STEEL CABINET CONTAINING ATMOSPHERIC VACUUM BREAKER, SOLENOID VALVE, 24-HOUR TIME CLOCK, AND TRANSFORMER. FURNISH WITH A SIX (6) OUTLET MANIFOLD, 12.7 mm (1/2") OUTLET COMPRESSION FITTINGS, AND A LOCKABLE STAINLESS STEEL ACCESS DOOR.
TP-3	TRAP PRIMER (AUTO-ELECTRIC FLUSH MTD)	PPP	PT-8	–	–	–	19.1 (3/4)	–	–	–	FLUSH MOUNTED STEEL CABINET CONTAINING ATMOSPHERIC VACUUM BREAKER, SOLENOID VALVE, 24-HOUR TIME CLOCK, AND TRANSFORMER. FURNISH WITH AN EIGHT (8) OUTLET MANIFOLD, 12.7 mm (1/2") OUTLET COMPRESSION FITTINGS, AND A LOCKABLE STAINLESS STEEL ACCESS DOOR.
TP-4	TRAP PRIMER	PPP	P2	–	–	–	12.7 (1/2)	–	–	–	OUTLET TUBING SHALL BE COPPER AND CONCEALED.
UR-1	UFAS URINAL (ULTRA LOW CONSUMPTION)	ZURN	Z5798.206.00	FLUSH VALVE	ZURN	ZEG6003EV-HW6	19.1 (3/4)	–	50.8 (2)	38.1 (1-1/2)	VITREOUS CHINA WALL MOUNTED ULTRA LOW CONSUMPTION URINAL SYSTEM. FURNISH WITH 0.473 L/FLUSH (1/8 GPF) HARDWIRED POWERED SENSOR OPERATED FLUSH VALVE WITH METAL VALVE COVER, STAINLESS STEEL STRAINER, AND J.R. SMITH 0637 CARRIER SUPPORT. UFAS COMPLIANT (BARRIER FREE).
WB-1	WASHER BOX	GUY GRAY	MWB	–	–	–	12.7 (1/2)	12.7 (1/2)	50.8 (2)	38.1 (1-1/2)	RECESSED POWDER COATED METAL WASHER BOX, 1/4 TURN FITTINGS AND SLIPNUT DRAIN KIT. MOUNT FIXTURE FLUSH TO WALL AT 1219 mm (48") AFF TO BOTTOM OF BOX.
WB-2	WATER BOX	GUY GRAY	MIB1	–	–	–	12.7 (1/2)	–	–	–	MOUNT FIXTURE FLUSH TO WALL AT 305 mm (12") AFF TO BOTTOM OF BOX.
WC-1	WATER CLOSET (FLOOR MTD. - REAR OUTLET) (THIRD FLOOR)	ZURN	Z5645-BWL	FLUSH VALVE	ZURN	Z6000AV-HET-BG	25.4 (1)	–	101.6 (4)	50.8 (2)	VITREOUS CHINA, FLOOR MOUNTED, BACK OUTLET, TOP SPUD WATER CLOSET WITH SIPHON-JET ACTION. FURNISH WITH 4.85 L/FLUSH (1.28 GPF) FLUSH VALVE, OLSONITE MODEL #10CT ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. FURNISH WITH TRAP PRIMER DIVERTER ASSEMBLY FOR TWO OF THE FIXTURES AS SHOWN ON P2.2-1.
WC-2	WATER CLOSET (FLOOR MTD. - REAR OUTLET) (SECOND FLOOR)	ZURN	Z5647-BWL	FLUSH VALVE	ZURN	ZH6140AV-WS1-MB-WP	25.4 (1)	–	101.6 (4)	50.8 (2)	VITREOUS CHINA, FLOOR MOUNTED, BACK OUTLET, REAR SPUD WATER CLOSET WITH SIPHON-JET ACTION. FURNISH WITH 4.85 L/FLUSH (1.6 GPF) CONCEALED FLUSH VALVE WITH METAL PUSH BUTTON HYDRAULIC ACTUATOR AND WALL PLATE, OLSONITE MODEL #10CT ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. FURNISH WITH TRAP PRIMER DIVERTER ASSEMBLY FOR TWO OF THE FIXTURES AS SHOWN ON P2.2-1.
WC-3	WATER CLOSET (FLOOR MTD. - REAR OUTLET) (PUBLIC TOILET ROOMS)	ZURN	Z5655-BWL	FLUSH VALVE	ZURN	ZEMS6000AV-HET-IS	25.4 (1)	–	101.6 (4)	50.8 (2)	VITREOUS CHINA, FLOOR MOUNTED, WATER CLOSET WITH SIPHON-JET ACTION. FURNISH WITH 4.85 L/FLUSH (1.28 GPF) HARDWIRED POWERED SENSOR OPERATED FLUSH VALVE WITH METAL VALVE COVER AND TRAP PRIMER DIVERTER ASSEMBLY, OLSONITE MODEL #10CT ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. UFAS COMPLIANT (BARRIER FREE)
WC-4	WATER CLOSET (FLOOR MTD, REAR OUTLET, ADA) (PUBLIC TOILET ROOMS)	ZURN	Z5665-BWL	FLUSH VALVE	ZURN	ZEMS6000AV-HET-IS	25.4 (1)	–	101.6 (4)	50.8 (2)	VITREOUS CHINA, FLOOR MOUNTED, WATER CLOSET WITH SIPHON-JET ACTION. FURNISH WITH 4.85 L/FLUSH (1.28 GPF) HARDWIRED POWERED SENSOR OPERATED FLUSH VALVE WITH METAL VALVE COVER AND TRAP PRIMER DIVERTER ASSEMBLY, OLSONITE MODEL #10CT ELONGATED OPEN FRONT SEAT WITH CHECK HINGE. UFAS COMPLIANT (BARRIER FREE)
WC-5	WATER CLOSET (FLOOR MTD, ADA, REAR OUTLET) (SECLUSION ROOM)	ACORN	1685-W-2	FLUSH VALVE	ZURN	ZH6140AV-WS1-MB-WP	25.4 (1)	–	101.6 (4)	50.8 (2)	14 GAGE SATIN FINISH STAINLESS STEEL WITH ELONGATED BOWL, INTEGRAL CONTOURED SEAT AND CONCEALED FLUSH VALVE WITH METAL PUSH BUTTON HYDRAULIC ACTUATOR AND WALL PLATE.
WCL-1	WATER CLOSET/LAVATORY COMBINATION (HOLDING ROOM)	ACORN	1435FA-LO-3-DMS-04M-ULF-FVH-FT-GBC-SPS-PC	–	–	–	25.4 (1)	12.7 (1/2)	101.6 (4)	50.8 (2)	14 GAGE SATIN FINISH STAINLESS STEEL WITH LEFT OFFSET ELONGATED BOWL, INTEGRAL CONTOURED SEAT, 1.6 GPF CONCEALED FLUSH VALVE WITH METAL PUSH BUTTON HYDRAULIC ACTUATOR, PIN CLEANOUT, 14.75" X 9.5" X 5" DEEP LAVATORY BOWL WITH DECK MOUNTED SPOUT AND HOT AND COLD WATER PUSH BUTTON AIR CONTROLS, GRAB BAR CLOSURE PLATE, MANUAL RESET FLOOD-TROL AND SUICIDE PREVENTION SKIRT.
WCO-1	WALL CLEANOUT WITH KEYED ACCESS PANEL	J.R. SMITH	9775T	–	–	–	–	–	–	–	ROUGH FINISH STAINLESS STEEL PLUG. INSTALL WITH J.R. SMITH 4767 12" X 12" STAINLESS STEEL KEYED ACCESS PANEL.

PLUMBING FIXTURE SCHEDULE - OWNER PROVIDED OR RELOCATED FIXTURES/EQUIPMENT

FIXTURE			CONNECTIONS				REMARKS
MARK	ITEM	MFGR	CW, mm (IN)	HW, mm (IN)	W, mm (IN)	V, MM (IN)	
IM-1	ICE/WATER DISPENSER (NEW AND RELOCATED)	FOLLETT SYMPHONY	12.7 (1/2)	–	INDIRECT TO STANDPIPE	–	VERIFY EXACT CONNECTION REQUIREMENTS FOR NEW AND EXISTING EQUIPMENT IN FIELD PRIOR TO START OF WORK.
M-1	MACERATOR (NEW AND RELOCATED)	VERNACARE	19.1 (3/4)	–	INDIRECT TO STANDPIPE	–	VERIFY EXACT CONNECTION REQUIREMENTS FOR NEW AND EXISTING EQUIPMENT IN FIELD PRIOR TO START OF WORK.
T-1	TUB (RELOCATED)	ARJOHUNTLEIGH RHAPSODY	19.1 (3/4)	19.1 (3/4)	INDIRECT TO FLOOR SINK	–	VERIFY EXACT CONNECTION REQUIREMENTS FOR EXISTING EQUIPMENT IN FIELD PRIOR TO START OF WORK.

REVISIONS | DATE

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CAD FILE NAME: 531-320_P0.2.DWG
XREF FILE NAME: 531-320_30X42TLBK.DWG

DRAWING TITLE: PLUMBING SCHEDULES

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DATE: 07/12/2013

PROJECT NO. 531-320

DRAWING NO. P0.2

DWG 95 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

BASEMENT DEMOLITION FLOOR PLAN – 1 MEDICAL GAS

TRUE PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.

LEGEND:

- MA — (E)MEDICAL AIR
- MO — (E)MEDICAL OXYGEN
- MV — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE

REVISIONS	DATE

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CAD FILE NAME: 531-320_P0.1MG.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67A0.DWG 531-320_67GRID.DWG

DRAWING TITLE: BASEMENT FLOOR DEMOLITION PLAN MEDICAL GAS

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

BUILDING NUMBER: 67

CHECKED: SCH

DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DRAWING NO.: P1.0MG

DWG 96 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

GENERAL NOTES:

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B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

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D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

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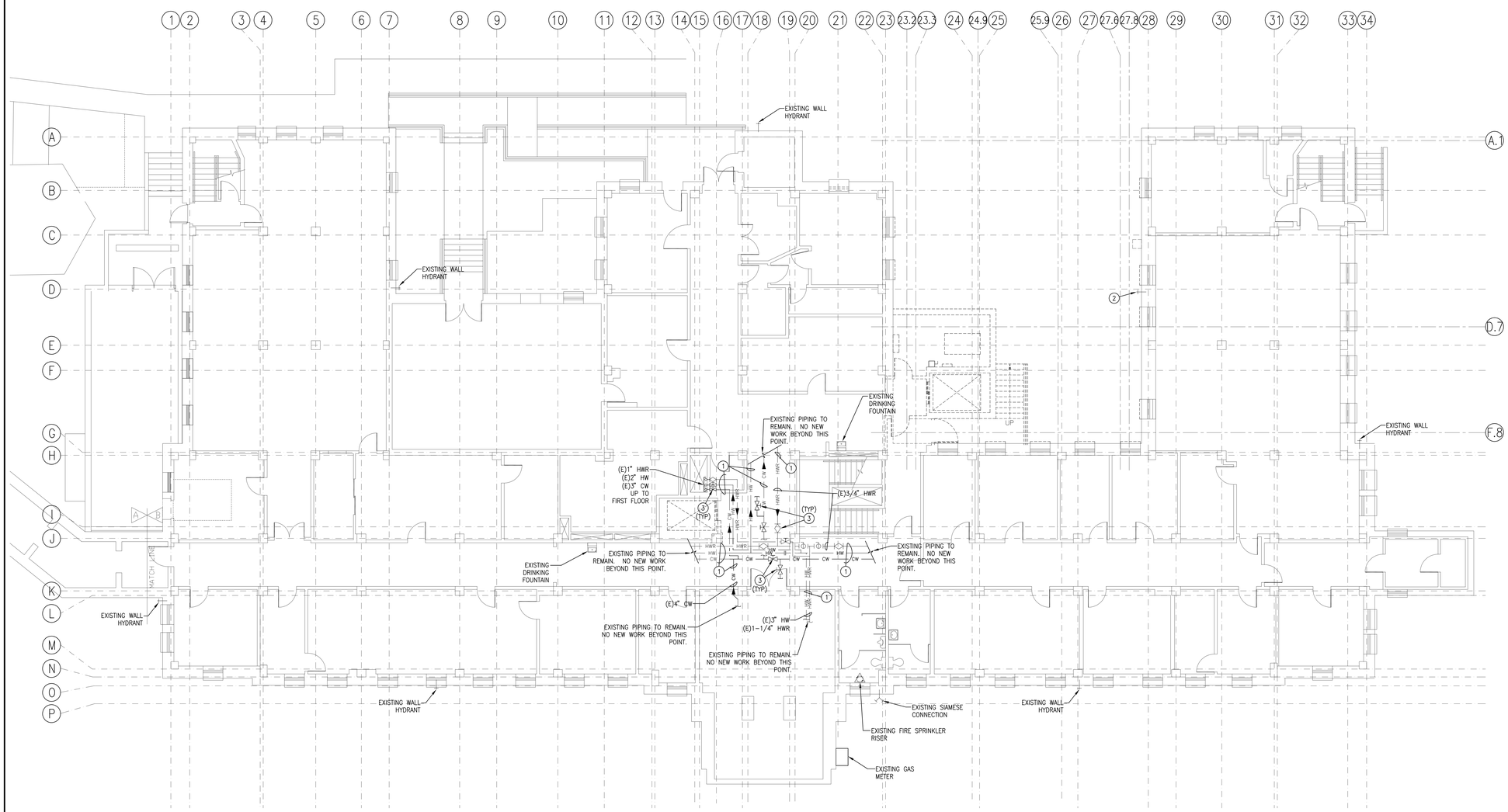
M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN.
2. REMOVE EXISTING WALL HYDRANT. CAP PIPING IN CONDITIONED SPACE. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
3. PLUMBER SHALL REPLACE SHUT-OFF AND BALANCING VALVES. GATE VALVES SHALL BE REPLACED WITH BALL VALVES.

LEGEND:

- HWR — (E)HOT WATER RETURN
- HW — (E)HOT WATER
- CW — (E)COLD WATER
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE



TRUE PLAN

BASEMENT DEMOLITION FLOOR PLAN - 1 WATER

SCALE: 1/8" = 1'-0"

REVISIONS	DATE

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531-320_67A0.DWG
531-320_67GRID.DWG

DRAWING TITLE
BASEMENT FLOOR DEMOLITION PLAN WATER

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION

DATE
07/12/2013

PROJECT NO.
531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER
67

CHECKED
SCH

DRAWN
KMH

DRAWING NO.
P1.0WA

APPROVED: MEDICAL CENTER DIRECTOR

LOCATION
VAMC BOISE, IDAHO

DWG 97 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
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GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

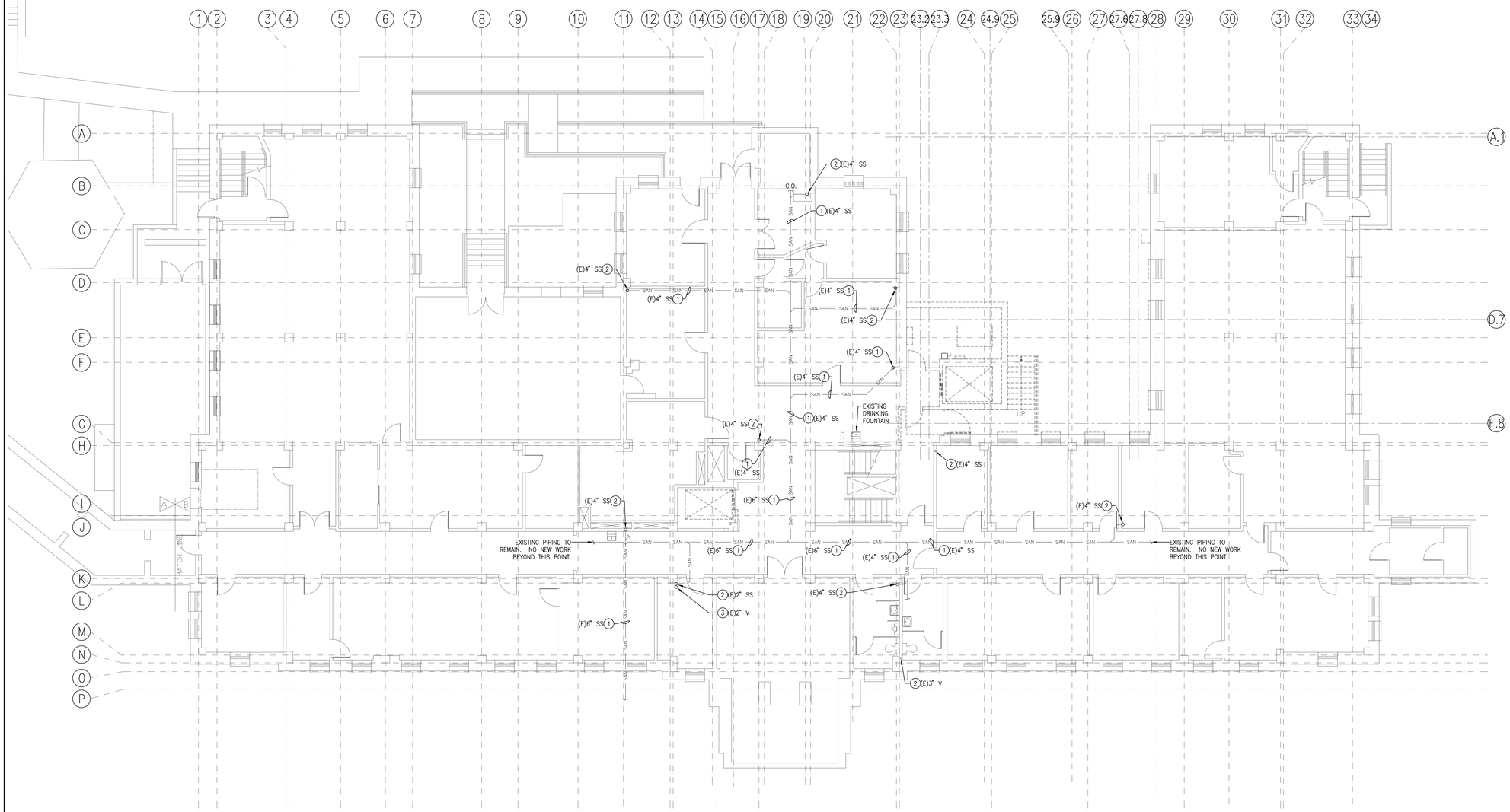
M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING SANITARY SEWER PIPING BELOW FLOOR TO REMAIN.
2. EXISTING SANITARY RISER UP FROM BELOW FLOOR TO ABOVE. VERIFY EXACT SIZE AND LOCATION OF RISER IN FIELD PRIOR TO START OF WORK.
3. EXISTING VENT RISER UP FROM BELOW FLOOR TO ABOVE. VERIFY EXACT SIZE AND LOCATION OF RISER IN FIELD PRIOR TO START OF WORK.

LEGEND:

- SAN — (E)SANITARY SEWER
- V — (E)VENT
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP WITH ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE



BASEMENT DEMOLITION FLOOR PLAN – 1 WASTE AND VENT

TRUE PLAN

SCALE: 1/8" = 1'-0"

REVISIONS	DATE

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CAD FILE NAME:
531-320_P1.0WV.DWG

XREF FILE NAME:
531-320_30X42TLBK.DWG
531-320_67A0.DWG
531-320_67GRID.DWG

DRAWING TITLE
BASEMENT FLOOR DEMOLITION PLAN WASTE AND VENT

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION

DATE 07/12/2013

PROJECT NO. 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER 67 | CHECKED SCH | DRAWN KMH

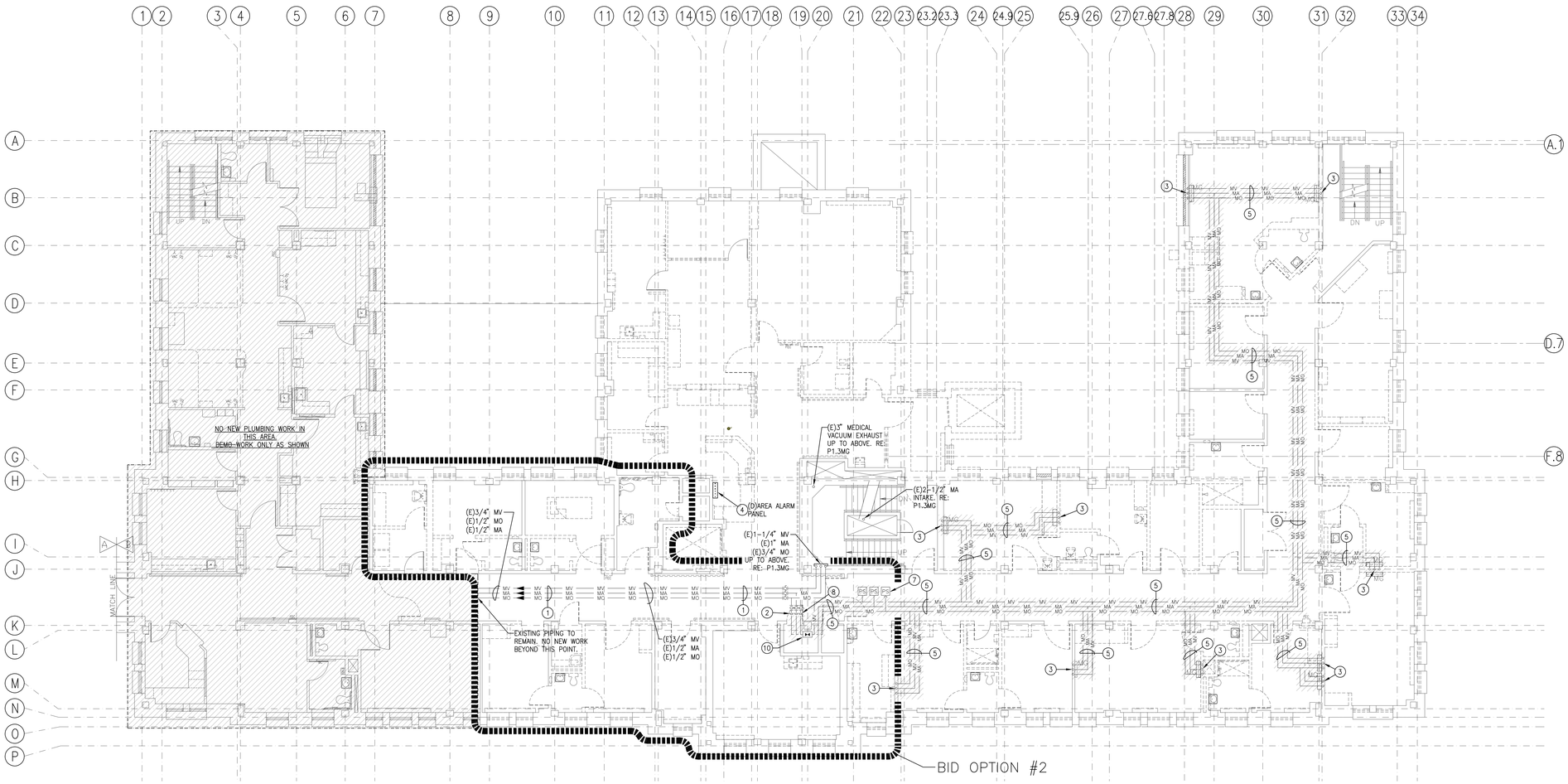
DRAWING NO. P1.0WV

APPROVED: MEDICAL CENTER DIRECTOR

LOCATION VAMC BOISE, IDAHO

DWG 98 OF 191

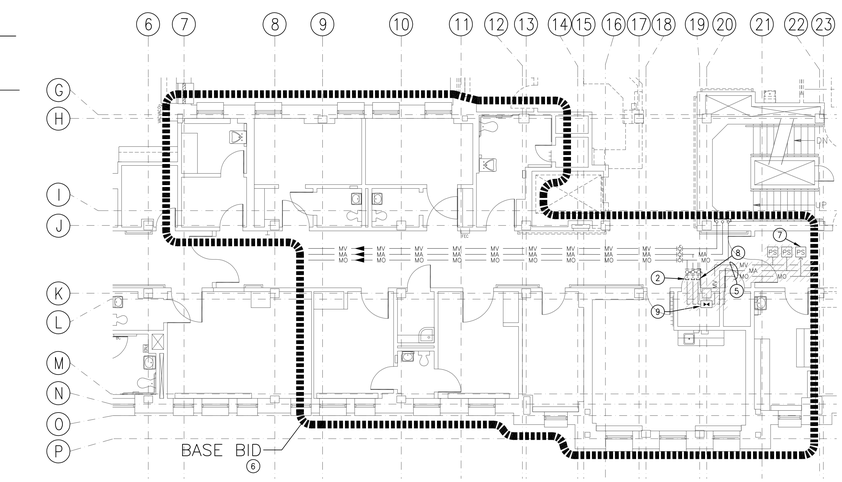
DEPARTMENT OF VETERANS AFFAIRS



TRUE PLAN

SECOND FLOOR DEMOLITION PLAN – 1 MEDICAL GAS

SCALE: 1/8" = 1'-0"



TRUE PLAN

SECOND FLOOR DEMOLITION PLAN – 1 MEDICAL GAS – BASE BID

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTOR'S PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
2. REMOVE EXISTING PIPING AND CAP AT MAIN WITH 6" STUB-OUT. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
3. REMOVE PIPING FROM EXISTING HEADWALL BEING REMOVED. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
4. REMOVE EXISTING ALARM PANEL.
5. REMOVE EXISTING PIPING IN CEILING SPACE. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
6. EXISTING TO REMAIN. NO NEW PLUMBING WORK IN THIS AREA.
7. RELOCATE EXISTING PRESSURE SENSOR. RE: P2.2MG.
8. REMOVE EXISTING MO PIPING DOWNSTREAM OF EXISTING SHUT-OFF VALVE. CAP FOR CONNECTION TO NEW MO PIPING. RE: P2.2MG.
9. ABANDON EXISTING VALVE BOX IN PLACE AND REMOVE RELATED PIPING. VERIFY DEMOLITION REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
10. REMOVE VALVE BOX AND RELATED PIPING AND PATCH WALL. VERIFY DEMOLITION REQUIREMENTS IN FIELD PRIOR TO START OF WORK.

LEGEND:

- MA — (E)MEDICAL AIR
- MO — (E)MEDICAL OXYGEN
- MV — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION

REVISIONS	DATE

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CAD FILE NAME:
531-320_P1.2MG.DWG

XREF FILE NAME:
531-320_30X42TLBK.DWG
531-320_67A2.DWG
531-320_67GRID.DWG

DRAWING TITLE
SECOND FLOOR DEMOLITION PLAN MEDICAL GAS

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION

DATE 07/12/2013

PROJECT NO. 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

BUILDING NUMBER 67 | CHECKED SCH | DRAWN KMH

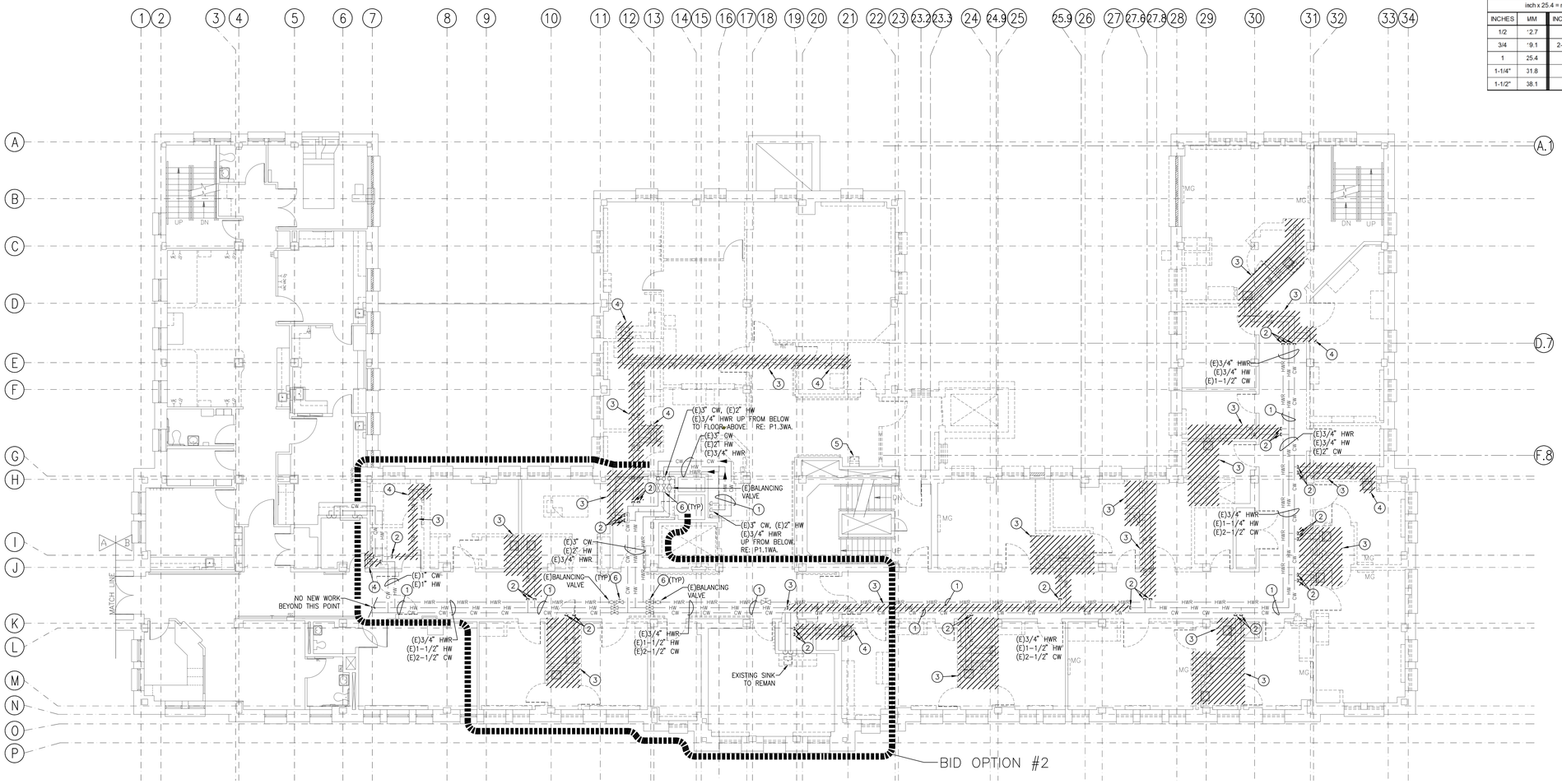
LOCATION VAMC BOISE, IDAHO

DRAWING NO. P1.2MG

DWG 99 OF 191

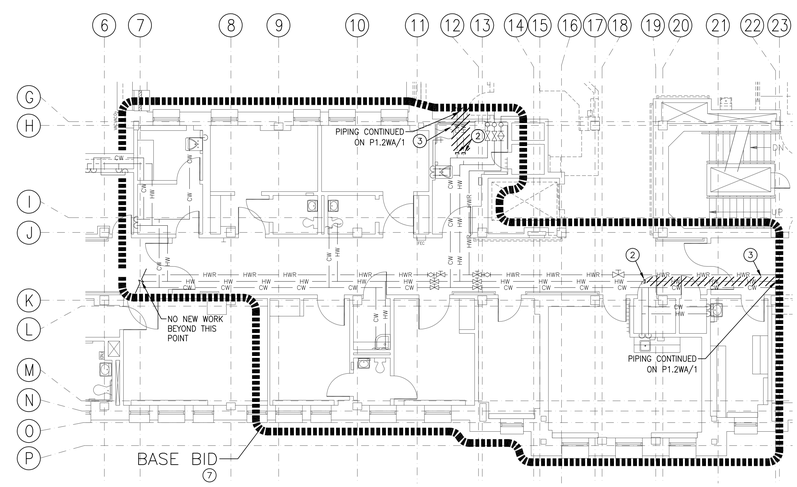
DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	´2.7	2	50.8
3/4	´9.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4



SECOND FLOOR DEMOLITION PLAN – 1 WATER

SCALE: 1/8" = 1'-0"



SECOND FLOOR DEMOLITION PLAN – 2 WATER – BASE BID

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTOR'S PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

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L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
2. REMOVE EXISTING PIPING AND CAP AT MAIN WITH 6" STUB–OUT. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
3. REMOVE EXISTING FIXTURES AND ALL RELATED PIPING IN THIS AREA. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
4. REMOVE EXISTING FIXTURE AND ALL RELATED PIPING. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
5. REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH NEW. SEE SHEET P2.2WA.
6. PLUMBER SHALL VERIFY CONDITION OF ALL EXISTING SHUT–OFF AND BALANCING VALVES AND REPLACE WITH NEW AS NECESSARY. GATE VALVES SHALL BE REPLACED WITH BALL VALVES.
7. EXISTING TO REMAIN. NO NEW PLUMBING WORK EXCEPT AS NOTED.

LEGEND:

- HWR — (E)HOT WATER RETURN
- HW — (E)HOT WATER
- CW — (E)COLD WATER
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION

REVISIONS	DATE

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CAD FILE NAME: 531–320_P1.2WA.DWG

XREF FILE NAME: 531–320_30X42TLBK.DWG, 531–320_67A2.DWG, 531–320_67GRID.DWG

DRAWING TITLE: SECOND FLOOR DEMOLITION PLAN WATER

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531–320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

BUILDING NUMBER: 67

CHECKED: SCH

DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DRAWING NO.: P1.2WA

DWG 100 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION

inch x 25.4 = mm

INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

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D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

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M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING SANITARY SEWER PIPING BELOW FLOOR TO REMAIN.
2. EXISTING SANITARY RISER UP FROM BELOW FLOOR TO ABOVE. VERIFY EXACT SIZE AND LOCATION OF RISER IN FIELD PRIOR TO START OF WORK.
3. EXISTING VENT RISER UP FROM BELOW TO ABOVE. VERIFY EXACT SIZE AND LOCATION OF RISER IN FIELD PRIOR TO START OF WORK.
4. REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH NEW. SEE SHEET P2.2WV.
5. REMOVE ALL FIXTURES/EQUIPMENT IN THIS AREA AND ALL RELATED WASTE AND VENT PIPING. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
6. REMOVE FIXTURE AND ALL RELATED WASTE AND VENT PIPING. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
7. CAP EXISTING SANITARY SEWER LINE BELOW FLOOR. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
8. EXISTING CLEANOUT PLUG BELOW FLOOR TO REMAIN.
9. EXISTING 4" SANITARY LINE DROPS DOWN FROM ABOVE AND RUNS ABOVE IN CEILING SPACE. VERIFY ROUTING IN FIELD PRIOR TO START OF WORK.
10. EXISTING TO REMAIN. NO NEW PLUMBING WORK IN THIS AREA.

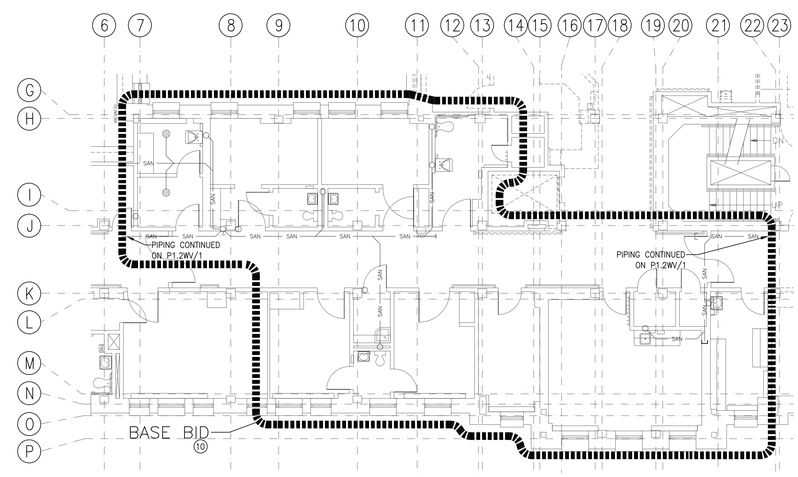
LEGEND:

- SAN — (E)SANITARY SEWER
- V — (E)VENT
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP WITH ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION

TRUE PLAN

SECOND FLOOR DEMOLITION PLAN – 1 WASTE AND VENT

SCALE: 1/8" = 1'-0"



TRUE PLAN

SECOND FLOOR DEMOLITION PLAN – 2 WASTE AND VENT – BASE BID

SCALE: 1/8" = 1'-0"

REVISIONS | DATE

CSHQA

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CAD FILE NAME: 531-320_P1.2WV.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG, 531-320_67A2.DWG, 531-320_67GRID.DWG

DRAWING TITLE: SECOND FLOOR DEMOLITION PLAN WASTE AND VENT

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

DRAWING NO.: P1.2WV

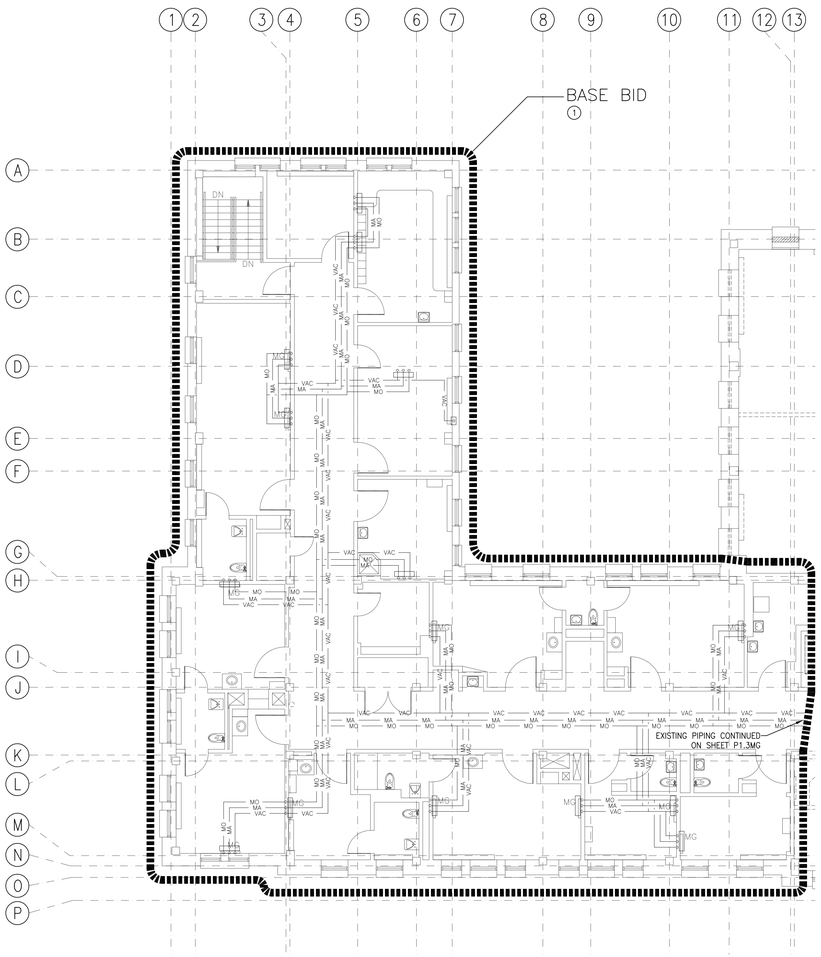
APPROVED: MEDICAL CENTER DIRECTOR

LOCATION: VAMC BOISE, IDAHO

DWG 101 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4



TRUE PLAN

THIRD FLOOR DEMOLITION PLAN – 1 MEDICAL GAS – BASE BID

SCALE: 1/8" = 1'-0"

RE: P1.3MG FOR ADDITIONAL BASE BIB WORK

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING TO REMAIN. NO NEW PLUMBING WORK IN THIS AREA.

LEGEND:

- MA — (E)MEDICAL AIR
- MO — (E)MEDICAL OXYGEN
- VAC — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION

REVISIONS	DATE

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CAD FILE NAME:
531-320_P1.3AMG.DWG

XREF FILE NAME:
531-320_30X42TLBK.DWG
531-320_67A3.DWG
531-320_67GRID.DWG

DRAWING TITLE
THIRD FLOOR DEMOLITION PLAN MEDICAL GAS-BASE BID

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION

BUILDING NUMBER	CHECKED	DRAWN
67	SCH	KMH

LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013

PROJECT NO.
531-320

DRAWING NO.
P1.3AMG

DWG 102 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
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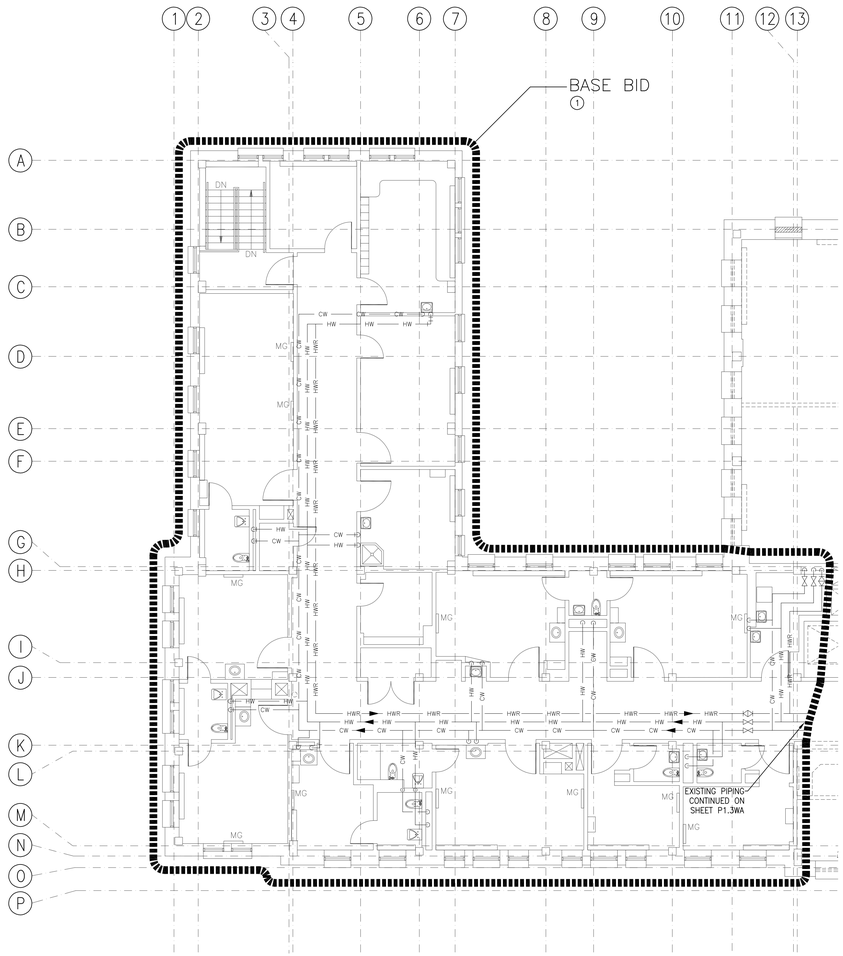

TRUE PLAN

THIRD FLOOR DEMOLITION PLAN – 1 WATER – BASE BID

SCALE: 1/8" = 1'-0"

RE: P1.3WA FOR ADDITIONAL BASE BIB WORK

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

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M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING TO REMAIN. NO NEW PLUMBING WORK IN THIS AREA.

LEGEND:

- HWR — (E)HOT WATER RETURN
- HW — (E)HOT WATER
- CW — (E)COLD WATER
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION

REVISIONS	DATE

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PROFESSIONAL ENGINEER REGISTERED 9002 STATE OF IDAHO STEVEN C. HARDY 7/12/13

CAD FILE NAME:
531–320_P1.3AWA.DWG

XREF FILE NAME:
531–320_30X42TLBK.DWG
531–320_67A3.DWG
531–320_67GRID.DWG

DRAWING TITLE
THIRD FLOOR DEMOLITION PLAN WATER–BASE BID

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION

DATE 07/12/2013

PROJECT NO. 531–320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER 67 | CHECKED SCH | DRAWN KMH

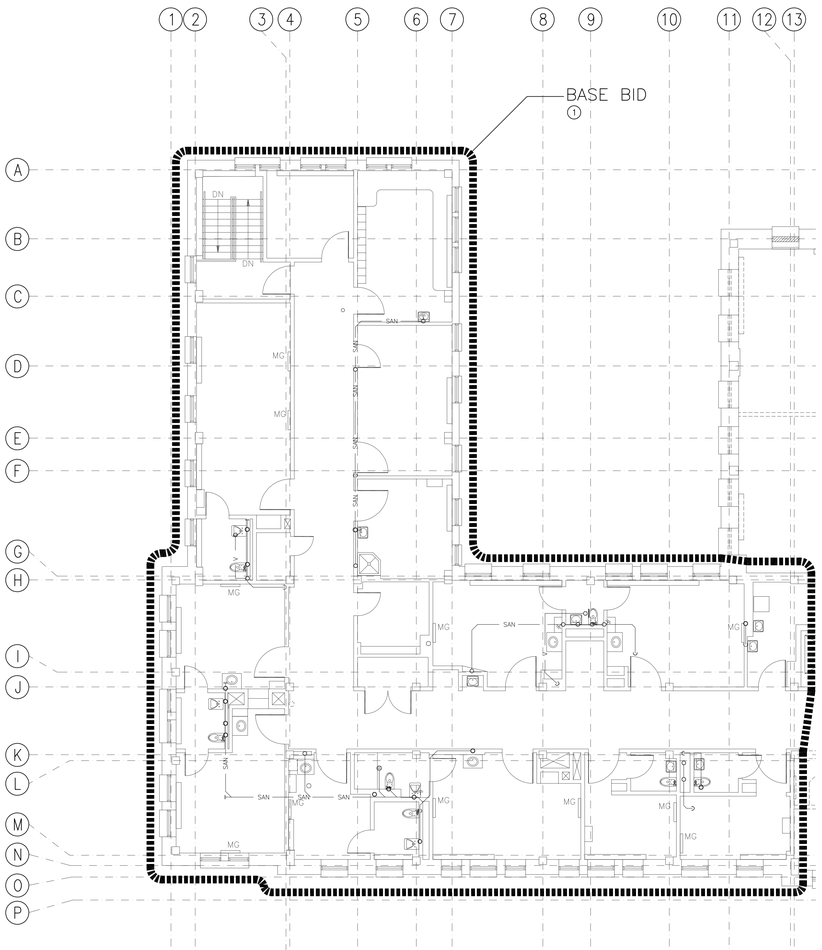
DRAWING NO. P1.3AWA

APPROVED: MEDICAL CENTER DIRECTOR

LOCATION VAMC BOISE, IDAHO

DWG 103 OF 191

DEPARTMENT OF VETERANS AFFAIRS



TRUE PLAN

THIRD FLOOR DEMOLITION PLAN – 1 WASTE AND VENT – BASE BID

SCALE: 1/8" = 1'–0"

RE: P1.3WV FOR ADDITIONAL BASE BIB WORK

METRIC CONVERSION

inch x 25.4 = mm

INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

GENERAL NOTES:

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B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

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D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

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G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

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M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING TO REMAIN. NO NEW PLUMBING WORK IN THIS AREA.

LEGEND:

- SAN — (E)SANITARY SEWER
- V — (E)VENT
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP WITH ELBOW
- PIPE TEE DOWN
- CAP
- PLUMBING DEMOLITION

REVISIONS | DATE

CSHQA

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PROFESSIONAL ENGINEER REGISTERED 8002 STATE OF IDAHO STEVEN C. HARDY 7/12/13

CAD FILE NAME: 531–320_P1.3AWV.DWG

XREF FILE NAME: 531–320_30X42TLBK.DWG 531–320_67A3.DWG 531–320_67GRID.DWG

DRAWING TITLE: THIRD FLOOR DEMOLITION PLAN WASTE AND VENT–BASE BID

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531–320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

APPROVED: MEDICAL CENTER DIRECTOR

LOCATION: VAMC BOISE, IDAHO

DRAWING NO.: P1.3AWV

DWG 104 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION

inch x 25.4 = mm

INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

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D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

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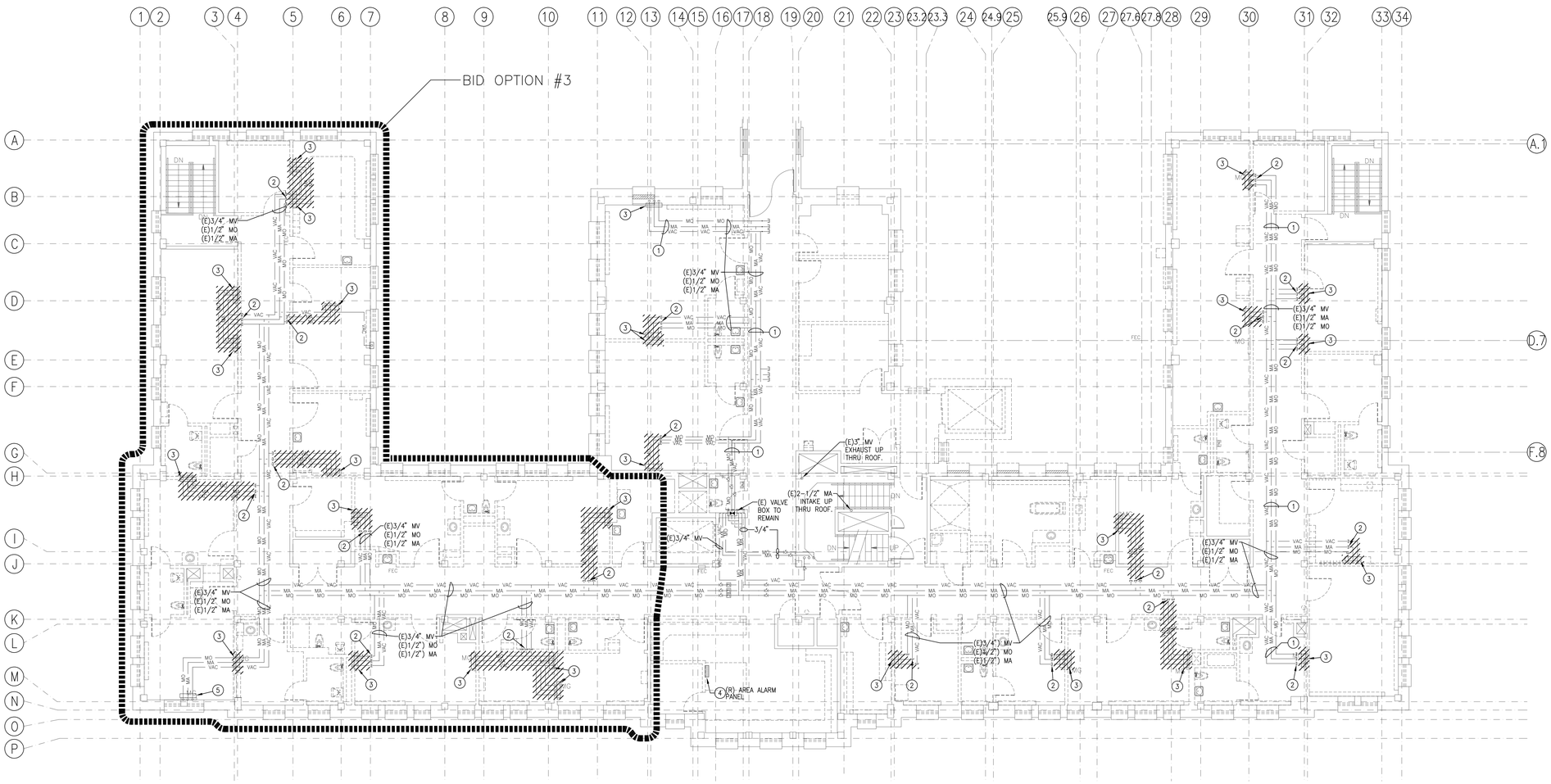
M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
2. REMOVE EXISTING PIPING AND CAP AT MAIN WITH 6" STUB-OUT. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
3. REMOVE PIPING FROM EXISTING HEADWALL BEING REMOVED. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
4. RELOCATE EXISTING ALARM PANEL. SEE SHEET P2.3MG.
5. EXISTING HEADWALL BEING REMOVED. EXISTING PIPING TO REMAIN AND CONNECT TO NEW HEADWALL SYSTEM.

LEGEND:

- MA — (E)MEDICAL AIR
- MO — (E)MEDICAL OXYGEN
- VAC — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION



TRUE PLAN

THIRD FLOOR DEMOLITION PLAN – 1 MEDICAL GAS

SCALE: 1/8" = 1'-0"

REVISIONS	DATE

CSHQA

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CAD FILE NAME: 531-320_P1.3MG.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67A3.DWG 531-320_67GRID.DWG

DRAWING TITLE: THIRD FLOOR DEMOLITION PLAN MEDICAL GAS

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DATE: 07/12/2013

PROJECT NO. 531-320

DRAWING NO. P1.3MG

DWG 105 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
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3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
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GENERAL NOTES:

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F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

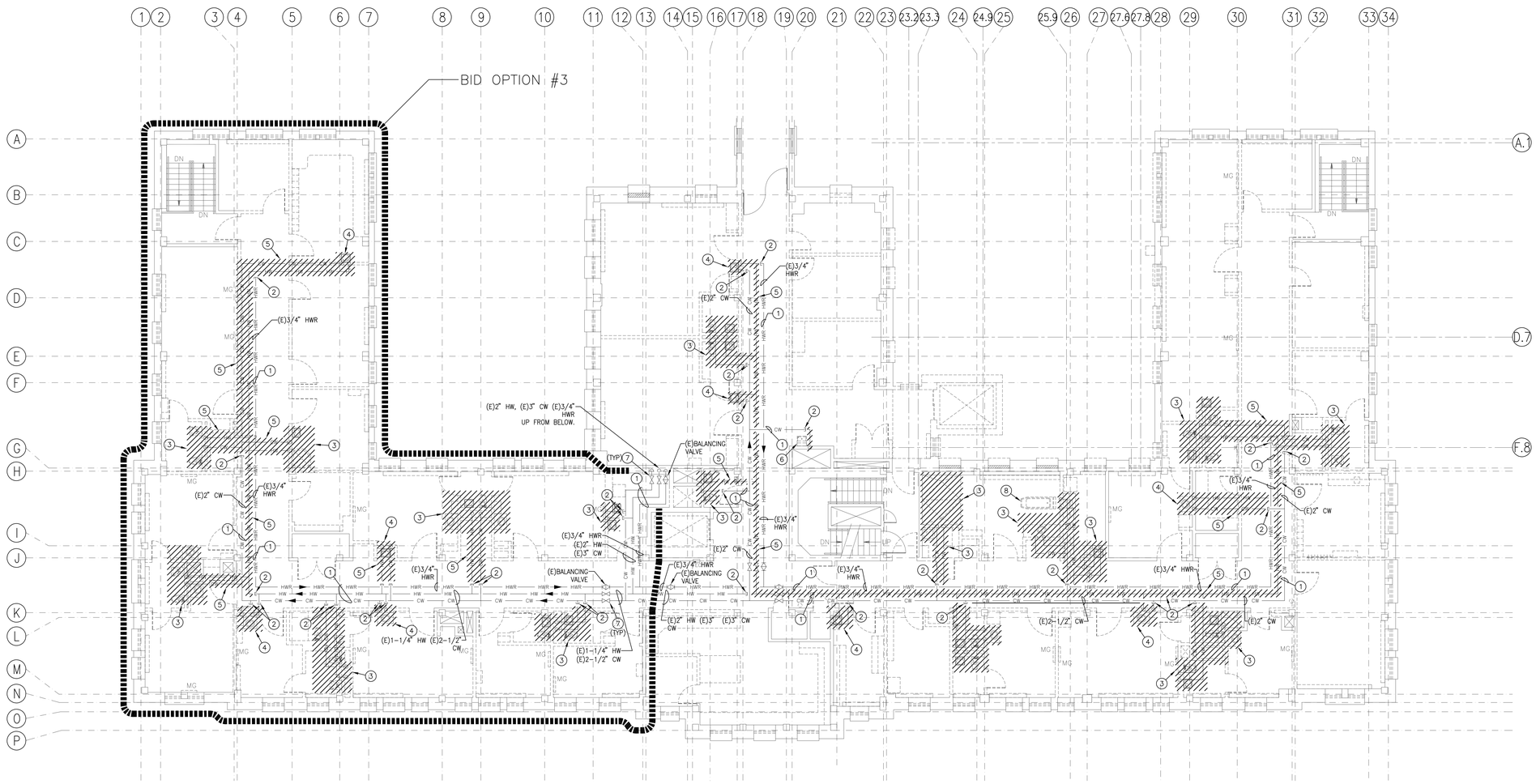
M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
2. REMOVE EXISTING PIPING AND CAP AT MAIN WITH 6" STUB-OUT. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
3. REMOVE EXISTING FIXTURES AND ALL RELATED PIPING IN THIS AREA. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
4. REMOVE EXISTING FIXTURE AND ALL RELATED PIPING. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
5. REMOVE EXISTING PIPING IN CEILING SPACE. VERIFY EXACT LOCATION, ROUTING AND DEMOLITION REQUIREMENTS OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
6. REMOVE EXISTING DRINKING FOUNTAIN AND ALL RELATED WATER PIPING. CAP ABOVE CEILING.
7. PLUMBER SHALL VERIFY CONDITION OF ALL EXISTING SHUT-OFF AND BALANCING VALVES AND REPLACE WITH NEW AS NECESSARY. GATE VALVES SHALL BE REPLACED WITH BALL VALVES.
8. RELOCATE EXISTING HYDROTHERAPY TUB. REMOVE ALL RELATED WATER PIPING. VERIFY RELOCATION AND DEMOLITION REQUIREMENTS IN FIELD PRIOR TO START OF WORK.

LEGEND:

- HWR — (E)MEDICAL AIR
- HW — (E)MEDICAL OXYGEN
- CW — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE
- PLUMBING DEMOLITION



TRUE PLAN

1 THIRD FLOOR DEMOLITION PLAN – WATER

SCALE: 1/8" = 1'-0"

REVISIONS	DATE

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CAD FILE NAME: 531-320_P1.3WA.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67A3.DWG 531-320_67GRID.DWG

DRAWING TITLE: THIRD FLOOR DEMOLITION PLAN WATER

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

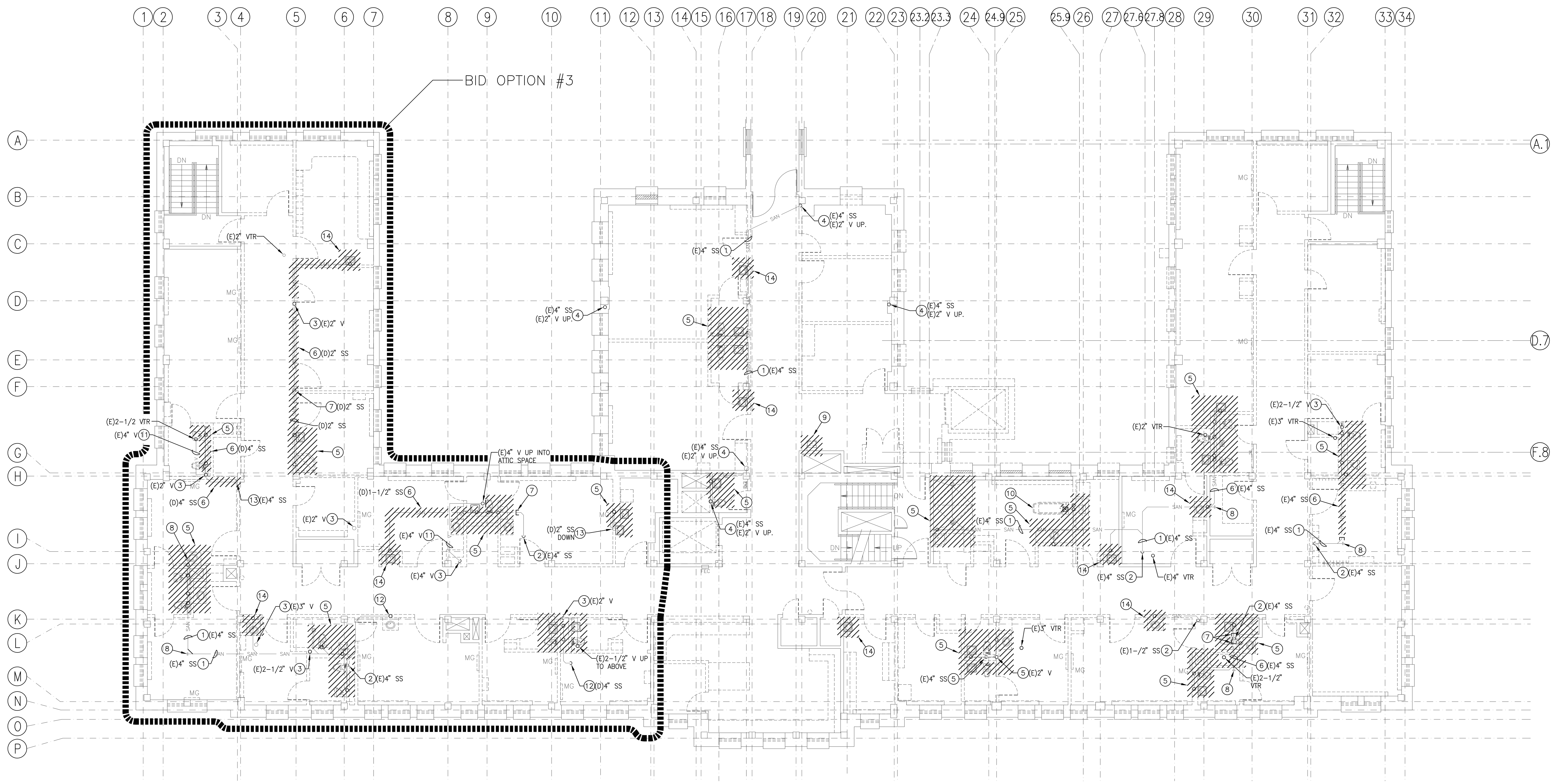
DATE: 07/12/2013

PROJECT NO.: 531-320

DRAWING NO.: P1.3WA

DWG 106 OF 191

DEPARTMENT OF VETERANS AFFAIRS



THIRD FLOOR DEMOLITION PLAN – WASTE AND VENT

1 WASTE AND VENT

SCALE: 1/8" = 1'-0"

TRUE PLAN

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
1-1/4"	31.8	4	101.6
1-1/2"	38.1	6	152.4

GENERAL NOTES:

A. ALL DEMOLITION OF PLUMBING SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF PLUMBING PIPING WITH ALL TRADES PRIOR TO START OF DEMOLITION.

B. PRIOR TO BIDDING, OBTAIN A COPY OF THE SPECIFICATIONS AND PLANS, VISIT THE JOB SITE, TAKE NECESSARY MEASUREMENTS, NOTE EXISTING CONDITIONS, AND GATHER ALL OTHER INFORMATION NEEDED FOR AN ACCURATE BID. NO ALLOWANCES WILL BE MADE FOR EXTRA COSTS RESULTING FROM FAILURE TO NOTE EXISTING CONDITIONS.

C. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, INCLUDING UBC, UPC, NFPA. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, OR AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.

D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

G. LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.

H. COORDINATE INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO STARTING. IN THE EVENT THAT CONFLICTS ARE FOUND WITH THE WORK OF THE OTHER TRADES, BRING ALL SUCH CONFLICTS TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA. DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT OF CONDITIONS IN CONFLICT WITH THE PLANS.

I. COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.

J. COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH–IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.

K. PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.

L. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS NOTED OTHERWISE. ALL WALLS IN WHICH WATER OR WASTE LINES ARE INSTALLED MUST BE PATCHED TO MATCH EXISTING AFTER LINES ARE INSTALLED.

M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

SHEET NOTES:

1. EXISTING SANITARY SEWER LINE BELOW FLOOR.
2. EXISTING SANITARY DOWN TO BELOW. VERIFY EXACT SIZE AND LOCATION OF IN FIELD PRIOR TO START OF WORK.
3. EXISTING VENT UP FROM BELOW TO ABOVE CEILING. VERIFY EXACT SIZE, LOCATION AND ROUTING OF VENT PIPE IN FIELD PRIOR TO START OF WORK.
4. EXISTING SANITARY RISER DOWN TO BELOW AND VENT UP TO ABOVE. VERIFY EXACT SIZE, LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
5. REMOVE ALL FIXTURES/EQUIPMENT IN THIS AREA AND ALL RELATED WASTE AND VENT PIPING. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
6. REMOVE FIXTURE AND ALL RELATED WASTE AND VENT PIPING. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
7. CAP EXISTING SANITARY SEWER LINE BELOW FLOOR. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
8. EXISTING CLEANOUT PLUG BELOW FLOOR TO REMAIN.
9. REMOVE EXISTING DRINKING FOUNTAIN. VERIFY EXACT LOCATION OF EXISTING WASTE AND VENT PIPING FOR INSTALLATION AND CONNECTION OF NEW DRINKING FOUNTAIN IN VICINITY. SEE SHEET P2.3WV.
10. RELOCATE EXISTING HYDROTHERAPY TUB. REMOVE ALL RELATED WASTE AND VENT PIPING. VERIFY RELOCATION AND DEMOLITION REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
11. EXISTING VENT PIPING ABOVE CEILING. VERIFY EXACT SIZE, LOCATION AND ROUTING OF VENT PIPE IN FIELD PRIOR TO START OF WORK.
12. REMOVE EXISTING SINK. RETAIN EXISTING WASTE AND VENT PIPING FOR CONNECTION TO NEW SINK. VERIFY EXACT LOCATION OF EXISTING WASTE AND VENT PIPING, AND CONNECTION REQUIREMENTS IN FIELD PRIOR TO START OF WORK. SEE SHEET P2.3WV.
13. REMOVE EXISTING SANITARY LINE DOWN TO BELOW. VERIFY EXACT LOCATION AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
14. REMOVE FIXTURE AND ALL RELATED WASTE AND VENT PIPING. VERIFY EXACT LOCATION OF EXISTING PIPING AND DEMO REQUIREMENTS IN FIELD PRIOR TO START OF WORK.

LEGEND:

- SAN — (E)SANITARY SEWER
- V — (E)VENT
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP WITH ELBOW)
- PIPE TEE DOWN
- CAP
- PLUMBING DEMOLITION

REVISIONS | DATE

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CAD FILE NAME: 531–320_P1.3WV.DWG

XREF FILE NAME:
531–320_30X42TLBK.DWG
531–320_67A3.DWG
531–320_67GRID.DWG

DRAWING TITLE: THIRD FLOOR DEMOLITION PLAN WASTE AND VENT

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

LOCATION: VAMC BOISE, IDAHO

DATE: 07/12/2013

PROJECT NO. 531–320

DRAWING NO. P1.3WV

DWG 107 OF 191

DEPARTMENT OF VETERANS AFFAIRS

METRIC CONVERSION			
inch x 25.4 = mm			
INCHES	MM	INCHES	MM
1/2	12.7	2	50.8
3/4	19.1	2-1/2	63.5
1	25.4	3	76.2
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1-1/2"	38.1	6	152.4

GENERAL NOTES:

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D. PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS

E. COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.

F. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.

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M. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

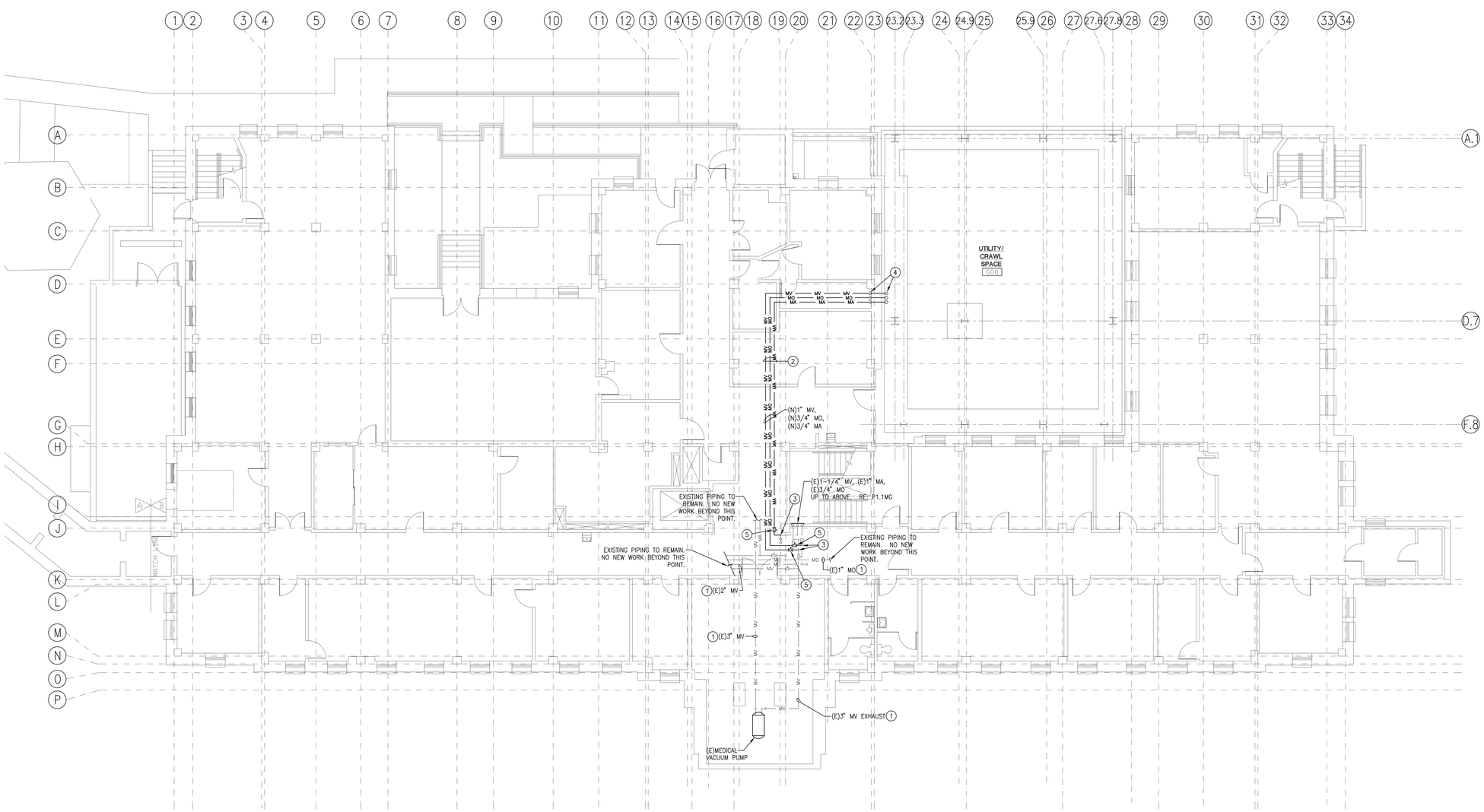
N. ALL NEW GAS VALVES SHALL BE LOCKED AND LABELED.

SHEET NOTES:

1. EXISTING PIPING IN CEILING SPACE TO REMAIN. VERIFY EXACT LOCATION AND ROUTING OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
2. ROUTE NEW PIPING IN CEILING SPACE.
3. CONNECT NEW MEDICAL GAS PIPING TO EXISTING MEDICAL GAS PIPING IN CEILING SPACE. VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING AND CONNECTION REQUIREMENTS IN FIELD PRIOR TO START OF WORK.
4. ROUTE NEW MEDICAL GAS PIPING THROUGH EXTERIOR WALL, INTO NEW UTILITY CRAWL SPACE. RISE UP IN PIPE CHASE TO FLOOR ABOVE. RE:P2.1MG.
5. NEW SHUT-OFF VALVES IN CEILING SPACE.

LEGEND:

- MA — (N)MEDICAL AIR
- MO — (N)MEDICAL OXYGEN
- MV — (N)MEDICAL VACUUM
- MA — (E)MEDICAL AIR
- MO — (E)MEDICAL OXYGEN
- MV — (E)MEDICAL VACUUM
- PIPE ELBOW UP
- PIPE ELBOW DOWN
- PIPE TEE BRANCH UP (W/ ELBOW)
- PIPE TEE DOWN
- CAP
- BALL VALVE
- GATE VALVE



TRUE PLAN

BASEMENT FLOOR PLAN – 1 MEDICAL GAS

SCALE: 1/8" = 1'-0"

REVISIONS	DATE

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CAD FILE NAME: 531-320_P2.0MG.DWG

XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67A1.DWG 531-320_67GRID.DWG

DRAWING TITLE: BASEMENT FLOOR PLAN MEDICAL GAS

PROJECT TITLE: BOISE VAMC BUILDING 67 EXPANSION

DATE: 07/12/2013

PROJECT NO.: 531-320

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

BUILDING NUMBER: 67 | CHECKED: SCH | DRAWN: KMH

DRAWING NO.: P2.0MG

APPROVED: MEDICAL CENTER DIRECTOR

LOCATION: VAMC BOISE, IDAHO

DWG 108 OF 191

DEPARTMENT OF VETERANS AFFAIRS