

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

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:

- 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.
- 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.
- 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.
- PROVIDE SEAL BETWEEN WALLS AND PLUMBING FIXTURES PER HEALTH DISTRICT REQUIREMENTS.
- COLD AND HOT WATER SUPPLY PIPING SIZES FOR FIXTURE CONNECTIONS ARE NOT SHOWN ON PLANS. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES.
- INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE, OR AS DETAILED OTHERWISE.
- LOCATE AND LABEL ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE ACCESSIBLE THRU CEILING. SEE DRAWINGS FOR VALVE LOCATIONS.
- 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.
- COORDINATE INSTALLATION OF PIPING WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.
- COORDINATE ALL FIXTURES, EQUIPMENT AND ROUGH-IN CONNECTION LOCATIONS AND SIZES WITH ARCHITECTURAL DRAWINGS, OWNER AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- PROVIDE SEISMIC RESTRAINTS FOR ALL PIPE AND EQUIPMENT AS RECOMMENDED IN SMACNA "SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL EQUIPMENT", LATEST EDITION.
- 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.
- SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- 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. INSTALL NEW BALL VALVE UPSTREAM OF BALANCING VALVE IF NONE EXISTS. ALL NEW AND EXISTING VALVES SHALL BE LABELED IN ACCORDANCE WITH VAMC STANDARDS.

SHEET NOTES:

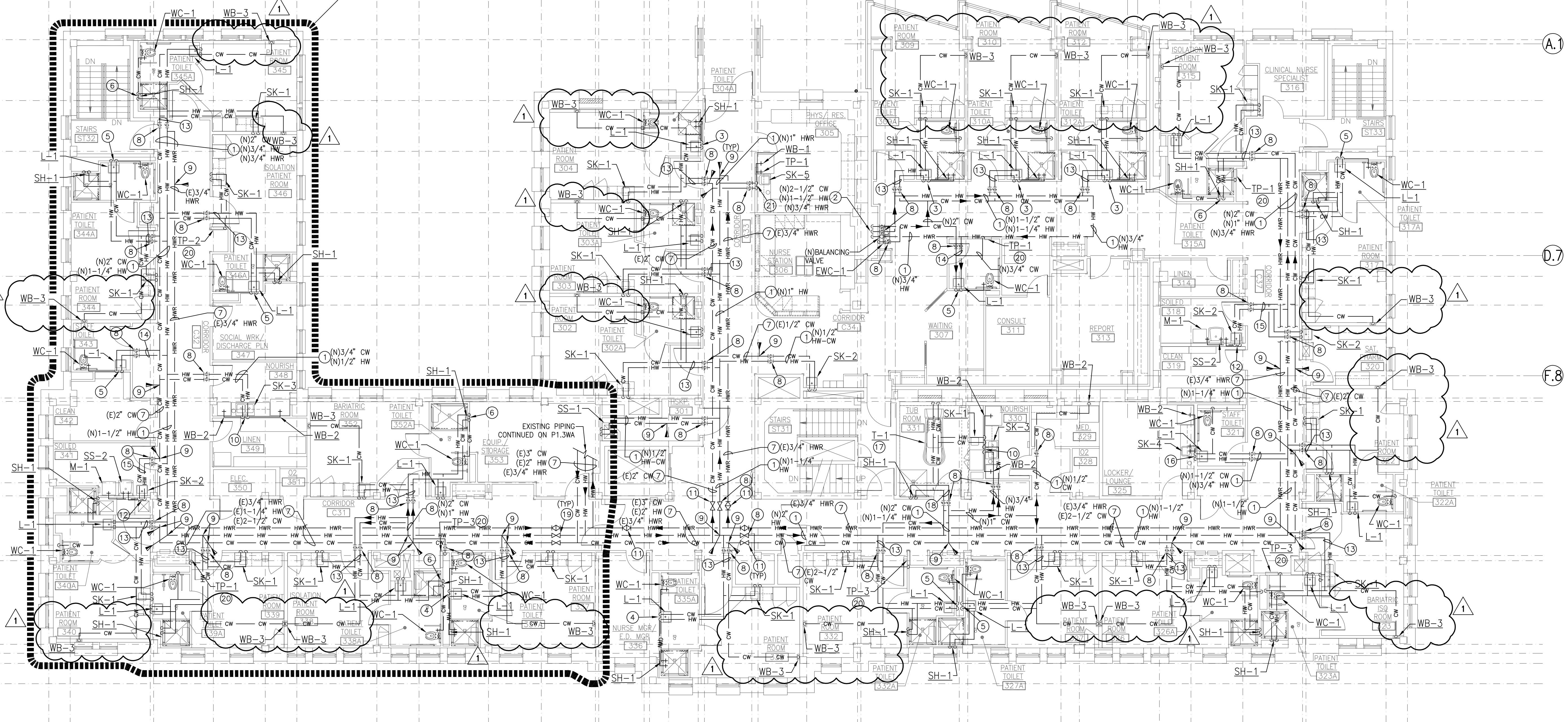
- ROUTE NEW PIPING IN CEILING SPACE.
- ROUTE NEW WATER PIPING UP IN PIPE CHASE FROM BELOW FLOOR ABOVE. RE: P2.3WA.
- NEW 3/4" HW-CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO L-1 AND SH-1.
- NEW 3/4" HW AND 1-1/2" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO L-1 AND SH-1, AND 1" CW TO WC-1.
- NEW 1/2" HW AND 1" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO L-1 AND 1" CW TO WC-1.
- NEW 1/2" HW AND 1" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO SH-1 AND 1" CW TO WC-1.
- EXISTING PIPING IN CEILING SPACE TO REMAIN.
- INSTALL NEW ISOLATION (BALL) VALVES IN NEW SUPPLY PIPING IN CEILING SPACE. PROVIDE ACCESS PANEL WITH VALVE NUMBER LABEL. ACCESS PANEL SHALL BE IN ACCORDANCE WITH VA STANDARDS FOR MENTAL HEALTH FACILITIES.
- CONNECT NEW WATER PIPING TO EXISTING WATER PIPING IN CEILING, AT MAIN. VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING IN FIELD PRIOR TO START OF WORK.
- NEW 1/2" HW AND 3/4" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO SK-3 AND 1/2" CW TO EACH WB-2.
- EXISTING VALVES TO REMAIN. VERIFY EXACT LOCATION IN FIELD PRIOR TO START OF WORK.
- ROUTE NEW 1/2" HW AND 1-1/2" CW SUPPLY LINES IN CEILING SPACE TO PATIENT TOILET ROOM, EXAM SINK, AND DIALYSIS BOX.
- ROUTE NEW 1/2" HW AND 1" CW SUPPLY LINES IN CEILING SPACE TO TOILET ROOM.
- ROUTE NEW 3/4" HW AND 1-1/2" CW SUPPLY LINES IN CEILING SPACE TO SOILED ROOM.
- NEW 1/2" HW AND 3/4" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO L-1 AND SK-4, AND 1/2" CW TO WB-2.
- NEW LOCATION OF EXISTING TUB.
- ROUTE NEW 1-1/4" HW AND 2" CW SUPPLY LINES IN CEILING SPACE TO TUB ROOM.
- 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.
- NEW 3/4" CW DOWN IN WALL AND MAKE CONNECTION TO TRAP PRIMER MANIFOLD WITH SHUT-OFF VALVE. SEE SHEET P2.3TP FOR TRAP PRIMER LINE ROUTING.
- NEW 1/2" HW AND 3/4" CW DOWN AND RUN IN WALL. CONNECT 1/2" HW-CW TO SK-5, 1/2" CW TO WB-1 AND 3/4" CW TO TP-2 WITH SHUT-OFF VALVE. SEE SHEET P2.3TP FOR TRAP PRIMER LINE ROUTING.

LEGEND:

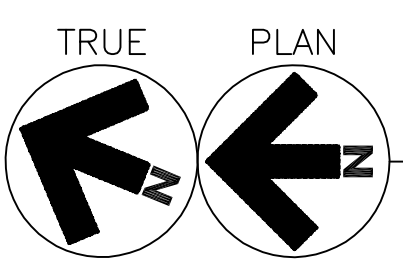
— CW —	(N)COLD WATER	○	PIPE ELBOW UP
— HW —	(N)HOT WATER	—	PIPE ELBOW DOWN
— HWR —	(N)HOT WATER RETURN	⊥	PIPE TEE BRANCH UP WITH ELBOW
— CW —	(E)COLD WATER	⊥	PIPE TEE BRANCH DOWN WITH ELBOW
— HW —	(E)HOT WATER	—	PIPE TEE DOWN
— HWR —	(E)HOT WATER RETURN	—	CAP
— (E) —	CONNECT NEW TO EXISTING	—	BALL VALVE
— (N) —	SHADE SIDE IS NEW WORK	—	GATE VALVE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

BID OPTION #3



THIRD FLOOR PLAN — 1 WATER



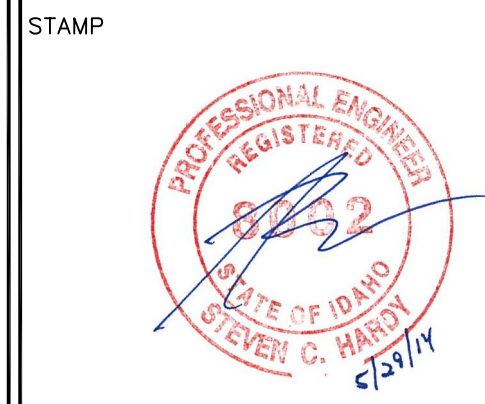
SCALE: 1/8" = 1'-0"

ASI NO.1	05/29/2014
REVISIONS	DATE

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CAD FILE NAME:
531-320_P2.3WA.DWG
XREF FILE NAME:
531-320_30X42TLBK.DWG
531-320_67A3.DWG
531-320_67GRID.DWG

DRAWING TITLE
**THIRD FLOOR PLAN
WATER**

PROJECT TITLE
**BOISE VAMC
BUILDING 67 EXPANSION**

DATE
07/12/2013
PROJECT NO.
531-320
DRAWING NO.
P2.3WA
DWG 123 OF 191

