

Architect's Supplemental Instructions

Architect's Project No:
04561.01

Architect's ASI No: 014

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 07/21/2016

Contract Date:

Reason Code: 05 A/E Scope

Discipline Code: 11 Plumbing

Owner:
Webster University

Architect:
Cannon Design
1100 Clark Avenue
St. Louis, MO 63102

Contractor:
Paric Construction

Contract For: General construction

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect within fourteen (14) business days of the date of issuance of these instructions. If you feel a change in Contract Sum or Contract Time is warranted, please submit an itemized quotation for the changes for approval within fourteen (14) business days of the date of issuance of these instructions prior to proceeding on the Work. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change.

Attachments:

Drawings:

P0011 Level 01 Area A/B Underfloor Plan - Plumbing

P0111.A - Level 01 Area A Floor Plan – Plumbing Waste and Vent

P0112.A - Level 02 Area A Floor Plan – Plumbing Waste and Vent

P0113.A - Level 03 Area A Floor Plan – Plumbing Waste and Vent

P0114.A - Level 04 Area A Floor Plan – Plumbing Waste and Vent

<End of Drawing List>

Description: ASI – 014 (RFI-176)

ASI-014 is being issue for the purpose of clarifying for the installation of a 3-Inch Waste and 3-Inch Vent raiser passing through Level 01, Level 02, Level 03 and Level 04.

Starting on Level 0, at column line 7.1, the 3-Inch Waste Raiser has been moved to the west wall to avoid structural members, then offset at the floor of Level 01 to align in the west wall of the Room 172A, Recycling on Level 01. From there the 3-Inch waste raises to the floor of Level 02, offset to the west to align in the wall of Room 272A Chem Stock Room. From there the 3-Inch waste raises to Level 03 ceiling to collect the waste system from above. Refer to drawing P0408, raiser diagram 5-3.

Starting at the ceiling of Level 01 at the southwest corner of the Chem Stock, Room 272A within the furred out space, the 3-Inch Vent Raiser, raises to Level 02 ceiling and offset to the south to avoid structural members then continuous up to Level 04 ceiling within the wall partition and offsetting back to the north, then continuous up through the roof. Refer to drawing P0408, raiser diagram 5-3.

Also note a few pipe size modifications and alignment changes to waste and vent piping as noted by clouding. Refer to sheets P0111A, P0112A, P0113A and P0114A.

Please submit an itemized proposal for changes in contract Sum and Contract Time for proposed modifications to the Contract Documents described herein:

Issued by Architect:

Kelvin Patel, Cannon Design.

Accepted by Contractor:

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KEYED NOTES: (THIS SHEET ONLY)

- 1 REFER TO CIVIL SITE PLAN FOR CONTINUATION.
- 2 SLEEVE AND SEAL WATER TIGHT WITH "LINK-SEAL" ASSEMBLY, REFER TO DETAIL ON DRAWING P0501.
- 3 6" ROOF DRAIN LEADER
- 4 (NOT USED)
- 5 SUB-SOIL DRAINAGE CLEANOUTS AT GRADE. REFER TO DETAIL ON DRAWING P0501.
- 6 TWO WAY SUB-SOIL DRAINAGE CLEANOUTS AT GRADE. REFER TO DETAIL ON DRAWING P0501.
- 7 6" SANITARY WASTE LINE
- 8 2" GREASE WASTE LINE UP
- 9 3" GREASE WASTE LINE TO BE CONNECTED TO 35 GALLON GREASE INTERCEPTOR.
- 10 2" WASTE UP
- 11 2" VENT UP
- 12 1/2" TRAP PRIMER CONNECTION UP TO SINK TAIL PIECE.
- 13 3" WASTE UP
- 14 (NOT USED)
- 15 REFER TO THE CIVIL SITE DRAWINGS FOR THE CONTINUATION OF THE (FDC) UNDERGROUND PIPING AND LOCATION OF THE FREE STANDING (FDC).
- 16 6" PUMP DISCHARGE UP FACE OF WALL FROM SUMP PUMP SP-1/SP-2.
- 17 2" VENT UP FACE OF WALL FROM SAND INTERCEPTOR.
- 18 2" VENT UP FROM BELOW FLOOR.
- 19 2" COLD WATER UP TO MECHANICAL ROOM ON LEVEL 1.
- 20 EXTEND 3/4" C.W. DOWN FACE OF WALL TO WALL MOUNTED HOSE BIBB. VERIFY LOCATION WITH MECHANICAL EQUIPMENT. PROVIDE SHUT-OFF VALVE IN LINE.
- 21 BACKFLOW PREVENTER FOR DEIONIZED WATER SYSTEM. VERIFY LOCATION WITH EQUIPMENT PLACEMENT. SUPPORT FROM STRUCTURE, DO NOT SUPPORT FROM PIPE. EXTEND DISCHARGE TO FLOOR DRAIN.
- 22 BACKFLOW PREVENTER TO MECHANICAL MAKE-UP WATER. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
- 23 SLEEVE THROUGH GRADE BEAM. COORDINATE WITH STRUCTURAL.
- 24 2" VENT UP FACE OF WALL FROM SUMP PUMP SP-1/SP-2.
- 25 2" VENT UP THROUGH FLOOR TO LEVEL 1. REFER TO DRAWING P0101-A FOR CONTINUATION.
- 26 4" WASTE UP TO SERVE TOILET ROOMS ABOVE. REFER TO DRAWING P0101-A FOR CONTINUATION.
- 27 6" DRAIN TILE DOWN TO SUB DRAINAGE SYSTEM BELOW. REFER TO DRAWING P0010 FOR CONTINUATION.
- 28 REFER TO DRAWING P0501, DETAIL 9.
- 29 FURNISH AND INSTALL CAST IRON OR SCH-40 GALVANIZED STEEL PIPE CASING BELOW EACH GRADE BEAM OR FOOTING. CASTING SHALL BE TWO PIPE SIZES LARGER THAN THE PIPE IT ENCLOSES. EXTEND ONE FOOT ON BOTH SIDE OF THE GRADE BEAM OR FOOTING.
- 30 PIPING TO PASS THROUGH GRADE BEAM IN CAST-IN-PLACE SLEEVE. REFER TO STRUCTURAL DRAWINGS.
- 31 REFER TO DRAWING P0402, DETAIL 3 FOR RISER DIAGRAM.
- 32 2" VENT DOWN TO BELOW LEVEL 0. REFER TO PLUMBING DRAWING P0010.A.
- 33 2" VENT UP.
- 34 12" STORM SEWER FOR REFERENCE ONLY. REFER TO CIVIL DRAWING C500 FOR CONTINUATION.
- 35 NEW MSD CONCRETE MANHOLE BASE FOR REFERENCE ONLY. COORDINATE WITH CIVIL.

NOTES:

FURNISH AND INSTALL 6" PERFORATED SCHEDULE 40 PVC DRAIN TILE ALONG PERIMETER FOUNDATION WALLS AND BELOW BASEMENT FLOOR SLAB AS INDICATED. SLOPE DRAIN AT 0.50% MINIMUM. ADJUST EXACT LOCATION AND ROUTING AS NECESSARY TO AVOID PIERS AND ANY OTHER STRUCTURAL ELEMENTS.

FURNISH AND INSTALL SUMP PUMP, SAND INTERCEPTOR AND FLOOR DRAINS PER MSD'S STANDARD DETAIL FIGURE 3-2 IN THE LATEST PUBLISHED RULES AND REGULATIONS AND ENGINEERING DESIGN REQUIREMENTS FOR SANITARY SEWER AND STORMWATER DRAINAGE FACILITIES.

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8	ASI - 014 (RFI-176)	21 JUL 2016
7	ASI - 002 (RFI - 172)	15 JUL 2016
6	ADDENDUM 2-4	24 MAY 2016
5	ADDENDUM 2-3	24 APR 2016
4	ADDENDUM 2-2	19 APR 2016
3	MSD SUBMITTAL	12 APR 2016
2	MSD SUBMITTAL	09 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
KEY PLAN		

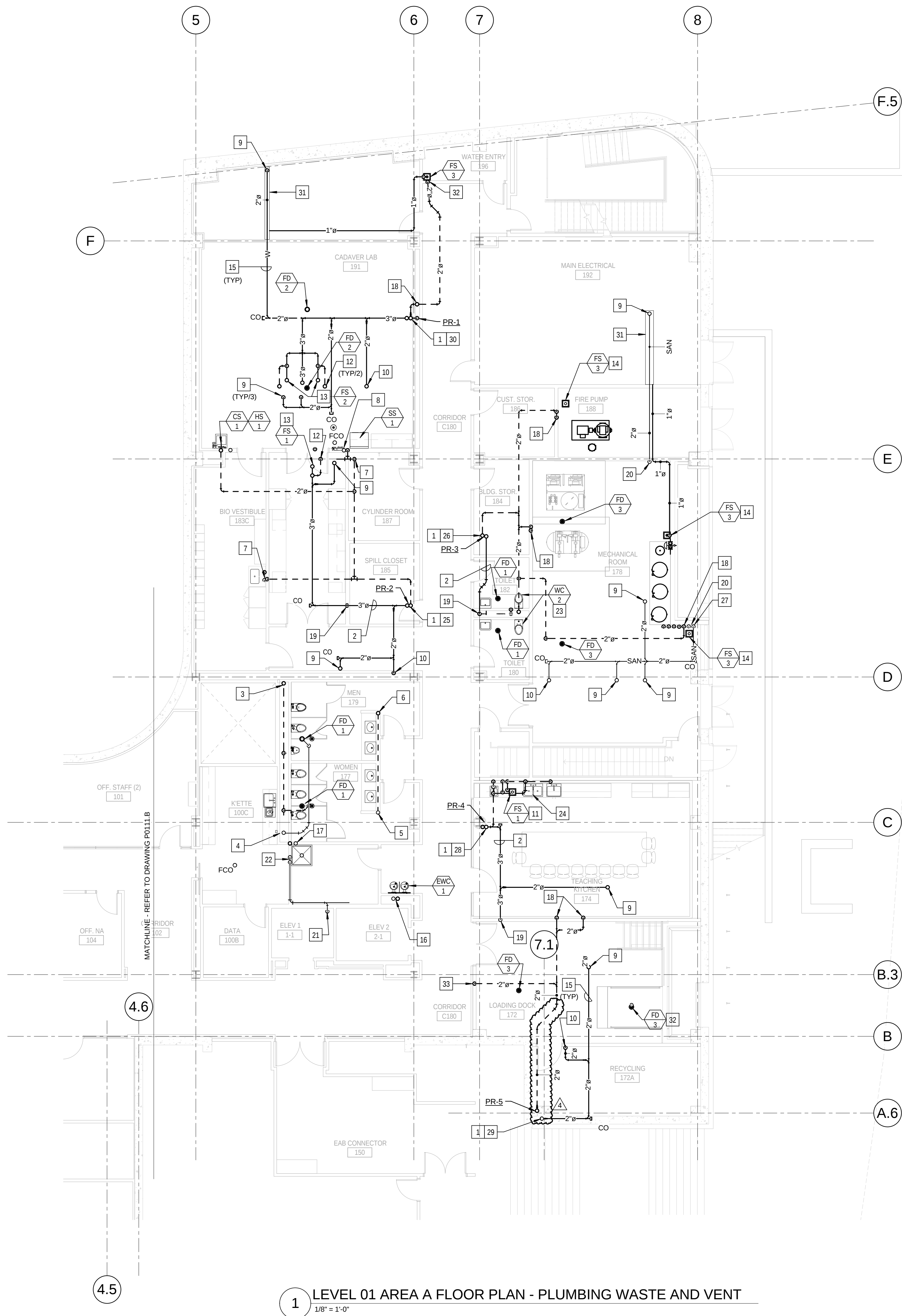
Drawing Title:

LEVEL 01 AREA A/B UNDERFLOOR PLAN - PLUMBING

Project No.: 04561.01

Checked by:

P0011



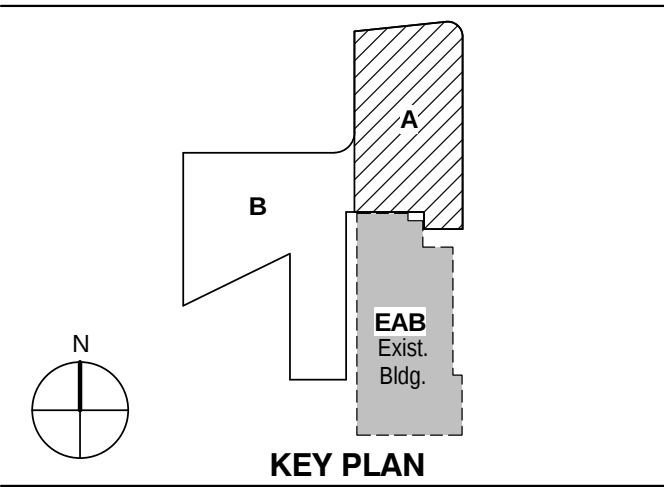
1 LEVEL 01 AREA A FLOOR PLAN - PLUMBING WASTE AND VENT
1/8" = 1'-0"

KEYED NOTES: (THIS SHEET ONLY)

- 1 3" SANITARY WASTE AND 3" SANITARY VENT RISERS.
- 2 3" SANITARY WASTE OFF-SET ABOVE THE CEILING TO CONTINUE DOWN TO LEVEL 0.
- 3 4" SANITARY VENT RISER UP AND DOWN.
- 4 4" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAM.
- 5 2" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAM.
- 6 2" SANITARY VENT UP AND DOWN.
- 7 2" SANITARY VENT DOWN IN WALL TO SERVE LABORATORY SINK.
- 8 2" SANITARY VENT DOWN IN WALL TO SERVE EMERGENCY SHOWER.
- 9 2" SANITARY WASTE UP TO LEVEL 2 LAB SINK.
- 10 2" SANITARY WASTE UP TO LEVEL 2 EMERGENCY SHOWER EYE/FACE WASH STATION. REFER TO DRAWING P0403 DETAIL 3/ P0403.
- 11 FLOOR SINK TO BE LOCATED BELOW THE CASEWORK TO ACCEPT DISCHARGE FROM THE DISHWASHER AND UNDER COUNTER ICE MAKER. COORDINATE LOCATION WITH CABINET AND APPLIANCES.
- 12 2" SANITARY VENT UP TO LEVEL 2, ALIGN WITH CASEWORK AND WALL ABOVE.
- 13 FLOOR SINK SET TO SERVE LEVEL 2. COORDINATE LOCATION OF FLOOR SINK WITH CASEWORK ABOVE AND WITH ABOVE CEILING CONDITIONS ON THIS LEVEL.
- 14 FLOOR SINK SET TO SERVE THIS LEVEL.
- 15 PIPING IN EACH ROOM TO BE RUN AS HIGH AS POSSIBLE TO AVOID CONFLICTS. COORDINATE INSTALLATION AND ROUTING WITH OTHER TRADES PRIOR TO ROUGH-IN.
- 16 2" SANITARY WASTE AND 2" SANITARY VENT RISERS TO SERVE ELECTRIC WATER COOLERS ON EACH LEVEL. REFER TO DRAWING P0401 FOR WASTE AND VENT RISERS.
- 17 3" SANITARY WASTE AND 2" VENT RISERS TO SERVE MOP BASINS ON LEVELS 1 AND 3 AND COUNTERTOP SINK ON LEVEL 2. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- 18 2" VENT UP FROM LEVEL 0. REFER TO DRAWING P0011.
- 19 3" WASTE DOWN TO LEVEL 0. REFER TO DRAWING P0011 FOR CONTINUATION.
- 20 2" WASTE DOWN TO LEVEL 0. REFER TO DRAWING P0011 FOR CONTINUATION.
- 21 2" DISCHARGE FROM ELEVATOR SUMP PUMP. EXTEND TO ABOVE THE CEILING OF LEVEL 1 TO JANITOR CLOSET 175.
- 22 TERMINATE ELEVATOR SUMP PUMP DISCHARGE AT THE MOP BASIN WITH AN IN-DIRECT WASTE INTO THE BASIN.
- 23 REFER TO DRAWING P0402 DETAIL 2/ P0402, FOR PLUMBING RISER DIAGRAMS.
- 24 REFER TO DRAWING P0402 DETAIL 1/ P0402, FOR PLUMBING RISER DIAGRAMS.
- 25 REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 2-2.
- 26 REFER TO DRAWING P0406 SANITARY WASTE AND VENT RISER DIAGRAM 3-2.
- 27 REFER TO DRAWING P0406 SANITARY WASTE AND VENT RISER DIAGRAM 3-4.
- 28 REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 4-1.
- 29 REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 5-1.
- 30 REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 1-1.
- 31 TROUGH SAFETY PAN TO BE SUSPENDED BELOW SANITARY WASTE PIPING. EXTEND 1" DRAIN TO SANITARY FLOOD RECEPTOR. REFER TO PLUMBING DRAWING P0503, DETAIL 4.
- 32 2" VENT DOWN IN WALL TO SERVE FLOOR SINK IN WATER ENTRY ROOM.
- 33 2" VENT DOWN IN WALL TO SERVE FLOOR DRAIN IN LOADING DOCK.

4	ASI - 014 (RFI-176)	21 JUL 2016
3	ADDENDUM 2-4	24 MAY 2015
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
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KEY PLAN

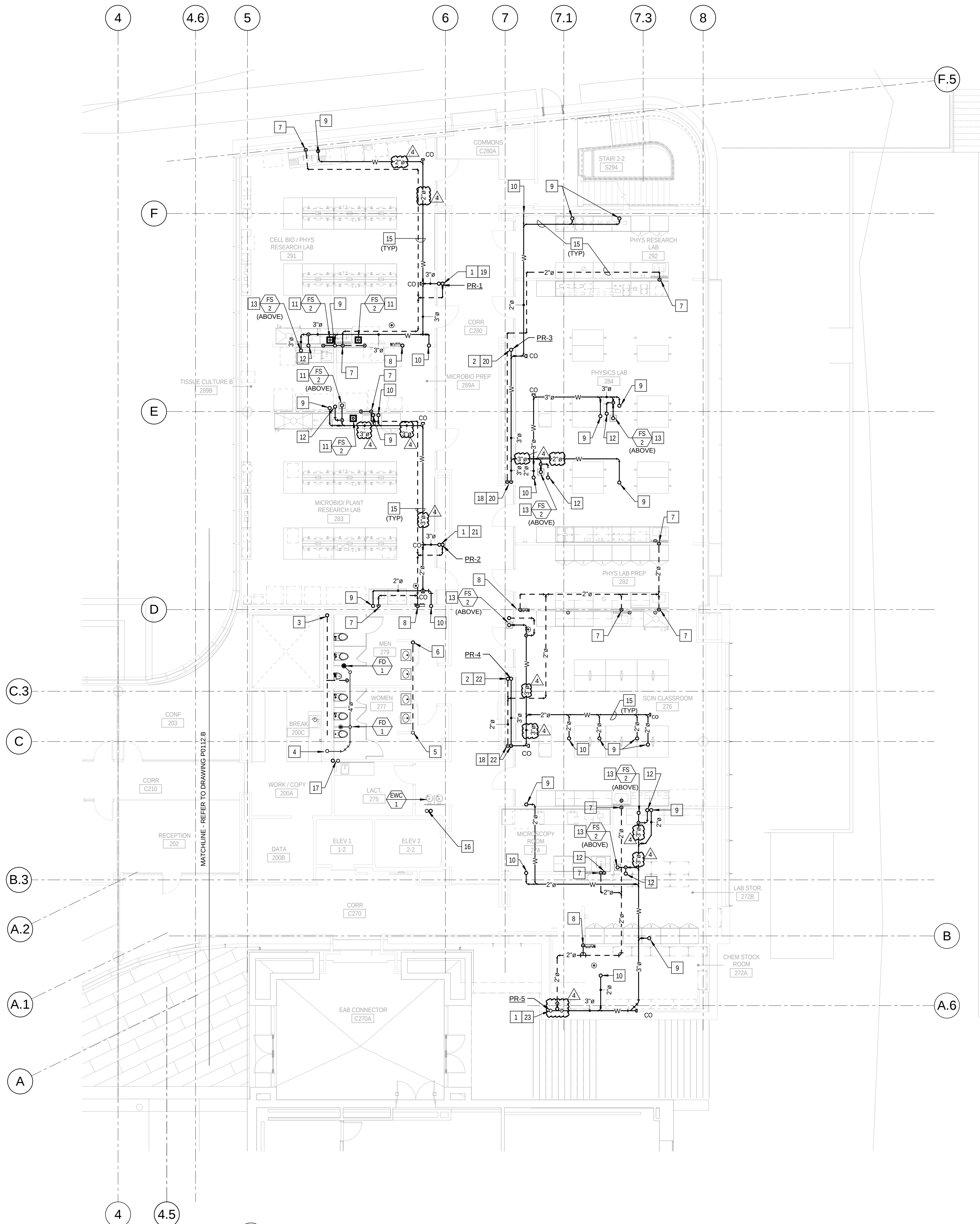
LEVEL 01 AREA A FLOOR
PLAN - PLUMBING WASTE
AND VENT

Project No.: 04561.01 Checked by:

P0111.A

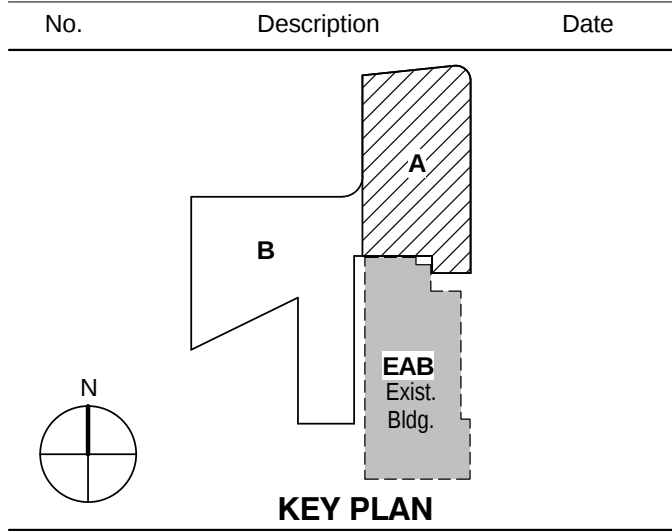
KEYED NOTES: (THIS SHEET ONLY)

- 3" SANITARY WASTE AND 3" SANITARY VENT RISERS.
- 3" SANITARY WASTE AND 3" SANITARY VENT DOWN FROM LEVEL 3. OFF-SET ABOVE THE CEILING TO CONTINUE DOWN.
- 4" SANITARY VENT RISER UP AND DOWN.
- 4" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY VENT UP AND DOWN.
- 2" SANITARY VENT DOWN IN WALL TO SERVE LABORATORY SINK.
- 2" SANITARY VENT DOWN IN WALL TO SERVE EMERGENCY SHOWER.
- 2" SANITARY WASTE UP TO LEVEL 3 LAB SINK.
- 2" SANITARY WASTE UP TO LEVEL 3 EMERGENCY SHOWER EYE/FACE WASH STATION. REFER TO DRAWING P0403, DETAIL 3.
- FLOOR SINK TO BE LOCATED BELOW THE CASEWORK TO ACCEPT DISCHARGE FROM THE LAB EQUIPMENT. COORDINATE LOCATION WITH CASEWORK.
- 2" SANITARY VENT UP TO LEVEL 3, ALIGN WITH CASEWORK AND WALL ABOVE. REFER TO DRAWING P0403, DETAIL 3.
- FLOOR SINK SET TO SERVE LEVEL 3. COORDINATE LOCATION OF FLOOR SINK WITH CASEWORK ABOVE AND WITH ABOVE CEILING CONDITIONS ON THIS LEVEL.
- NOT USED.
- PIPING IN EACH ROOM TO BE RUN AS HIGH AS POSSIBLE TO AVOID CONFLICTS. COORDINATE INSTALLATION AND ROUTING WITH OTHER TRADES PRIOR TO ROUGH-IN.
- 2" SANITARY WASTE AND 2" SANITARY VENT RISERS TO SERVE ELECTRIC WATER COOLERS ON EACH LEVEL. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- 3" SANITARY WASTE AND 2" VENT RISERS TO SERVE MOP BASINS ON LEVELS 1 AND 3 AND COUNTERTOP SINK ON LEVEL 2. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- 3" SANITARY WASTE AND 3" SANITARY VENT DOWN.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 1-2.
- REFER TO DRAWING P0406 SANITARY WASTE AND VENT RISER DIAGRAM 3-1.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 2-3.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 4-2.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 5-2.



1 LEVEL 02 AREA A FLOOR PLAN - PLUMBING WASTE AND VENT
1/8" = 1'-0"

4	ASI - 014 (RFI-176)	21 JUL 2016
3	ADDENDUM 2-4	24 MAY 2015
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



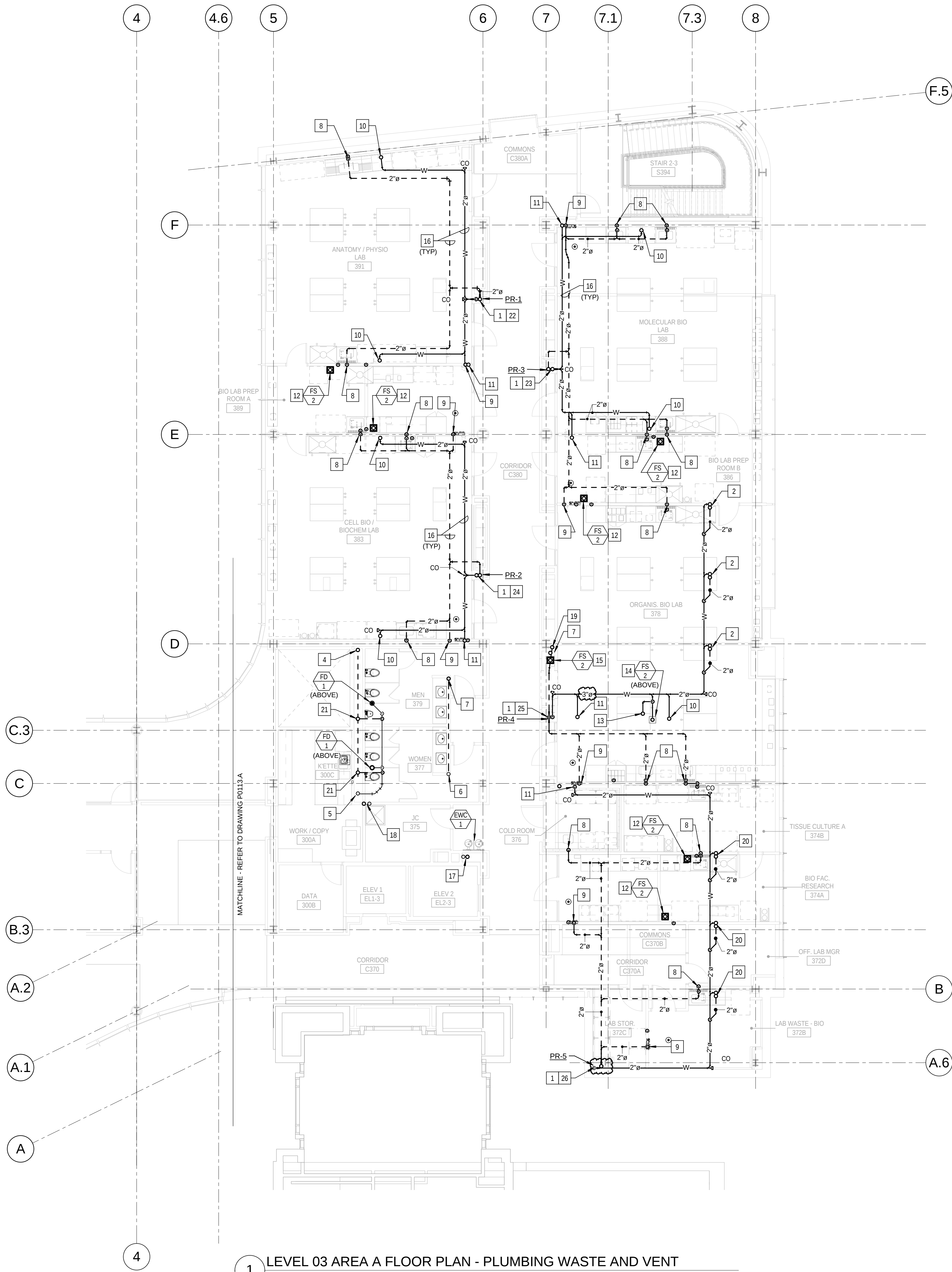
LEVEL 02 AREA A FLOOR PLAN - PLUMBING WASTE AND VENT

Project No.: 04561.01 Checked by:

P0112.A

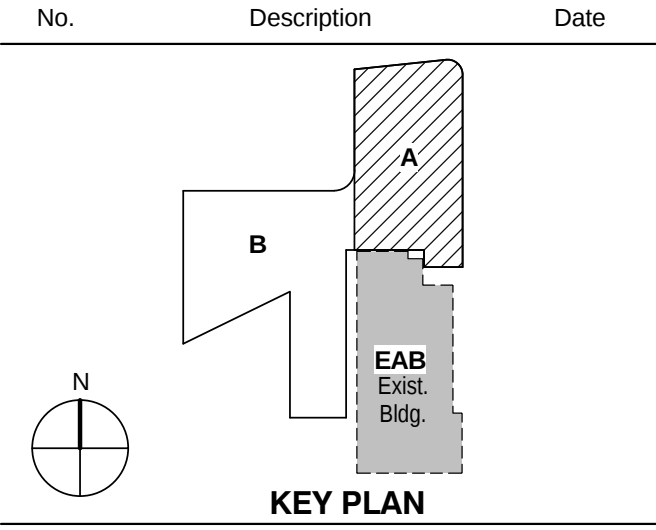
KEYED NOTES: (THIS SHEET ONLY)

- 3" SANITARY WASTE AND 3" SANITARY VENT RISERS.
- 2" SANITARY WASTE AND 2" SANITARY VENT UP TO ISLAND LAB BENCH SINKS ABOVE. EXTEND THE VENT UP TO BELOW THE COUNTERTOP BEFORE RETURNING DOWN. PROVIDE CLEANOUTS TEES IN WASTE AND VENT PIPING IN CABINET BELOW THE SINK. EXTEND AND CONNECT VENT RETURN TO THE SANITARY WASTE BELOW THE FLOOR. FIVE FOOT DOWN-STREAM.
- 3" SANITARY WASTE AND 3" SANITARY VENT DOWN FROM LEVEL 3. OFF-SET ABOVE THE CEILING TO CONTINUE DOWN.
- 4" SANITARY VENT RISER UP AND DOWN.
- 4" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY WASTE UP AND DOWN. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY VENT UP AND DOWN.
- 2" SANITARY VENT DOWN IN WALL TO SERVE LABORATORY SINK.
- 2" SANITARY VENT DOWN IN WALL TO SERVE EMERGENCY SHOWER.
- 2" SANITARY WASTE UP TO LEVEL 4 LAB SINK.
- 2" SANITARY WASTE UP TO LEVEL 4 EMERGENCY SHOWER EYE/FACE WASH STATION.
- FLOOR SINK TO BE LOCATED BELOW THE CASEWORK TO ACCEPT DISCHARGE FROM THE LAB EQUIPMENT. COORDINATE LOCATION WITH CASEWORK.
- 2" SANITARY VENT UP TO LEVEL 4, ALIGN WITH CASEWORK AND WALL ABOVE.
- FLOOR SINK SET TO SERVE LEVEL 4. COORDINATE LOCATION OF FLOOR SINK WITH CASEWORK ABOVE AND WITH ABOVE CEILING CONDITIONS ON THIS LEVEL.
- NOT USED.
- PIPING IN EACH ROOM TO BE RUN AS HIGH AS POSSIBLE TO AVOID CONFLICTS. COORDINATE INSTALLATION AND ROUTING WITH OTHER TRADES PRIOR TO ROUGH-IN.
- 2" SANITARY WASTE AND 2" SANITARY VENT RISERS TO SERVE ELECTRIC WATER COOLERS ON EACH LEVEL. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- 3" SANITARY WASTE AND 2" VENT RISERS TO SERVE MOP BASINS ON LEVELS 1 AND 3 AND COUNTERTOP SINK ON LEVEL 2. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- 3" SANITARY VENT UP TO LEVEL 4. REFER TO DRAWING P0114.A.
- 2" SANITARY WASTE AND 2" SANITARY VENT UP TO ISLAND LAB BENCH SINKS AND CUP SINKS ABOVE. EXTEND THE VENT UP TO BELOW THE COUNTERTOP BEFORE RETURNING DOWN. PROVIDE CLEANOUTS TEES IN WASTE AND VENT PIPING IN CABINET BELOW THE SINK. EXTEND AND CONNECT VENT RETURN TO THE SANITARY WASTE BELOW THE FLOOR. FIVE FOOT DOWN-STREAM.
- 2" SANITARY VENT UP IN PLUMBING CHASE.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 1-3.
- REFER TO DRAWING P0406 SANITARY WASTE AND VENT RISER DIAGRAM 3-3.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 2-4.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 4-3.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 5-3.



1 LEVEL 03 AREA A FLOOR PLAN - PLUMBING WASTE AND VENT
1/8" = 1'-0"

4	ASI - 014 (RFI-176)	21 JUL 2016
3	ADDENDUM 2-4	24 MAY 2015
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

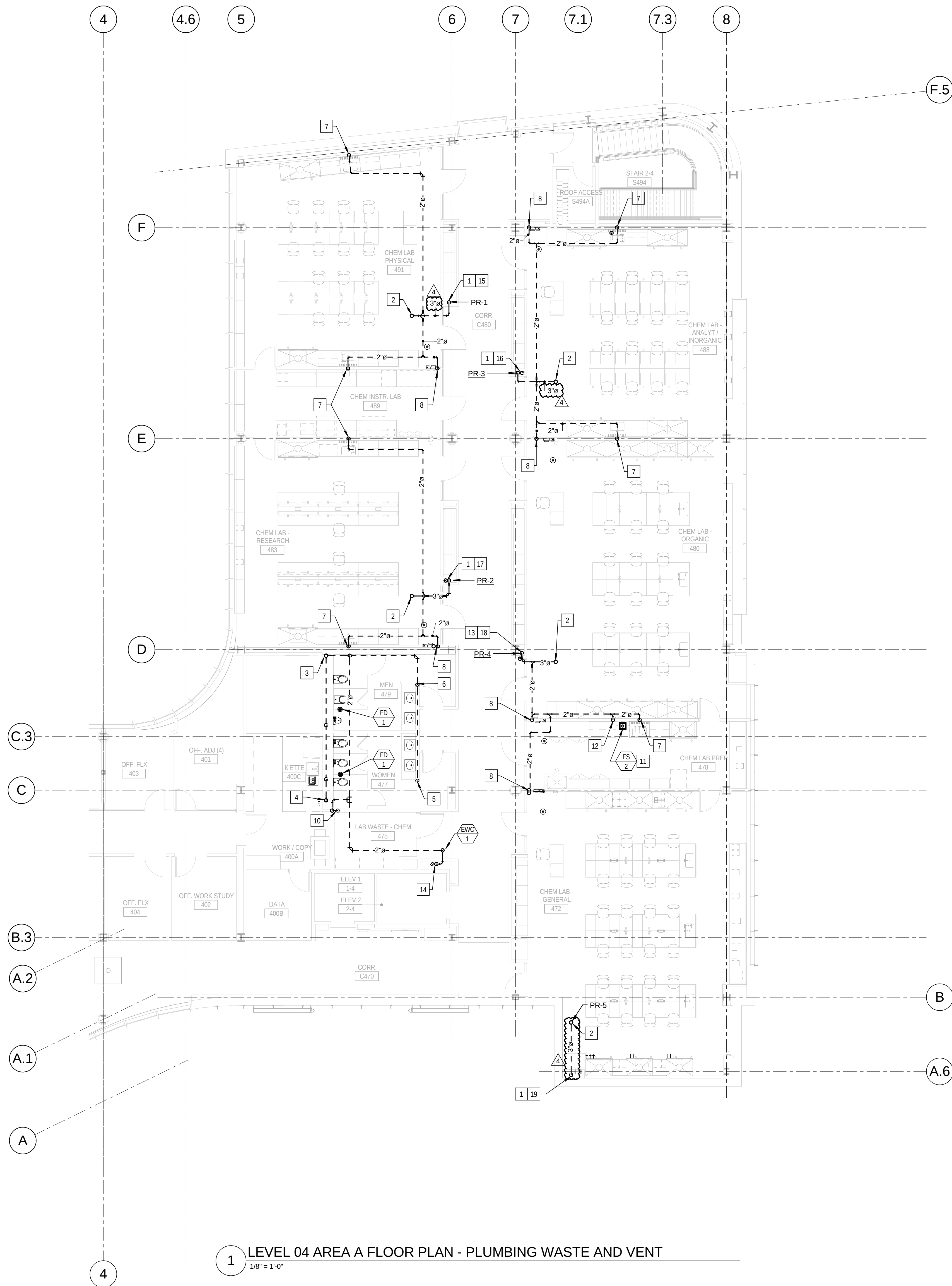


KEY PLAN

LEVEL 03 AREA A FLOOR
PLAN - PLUMBING WASTE
AND VENT

Project No.: 04561.01 Checked by:

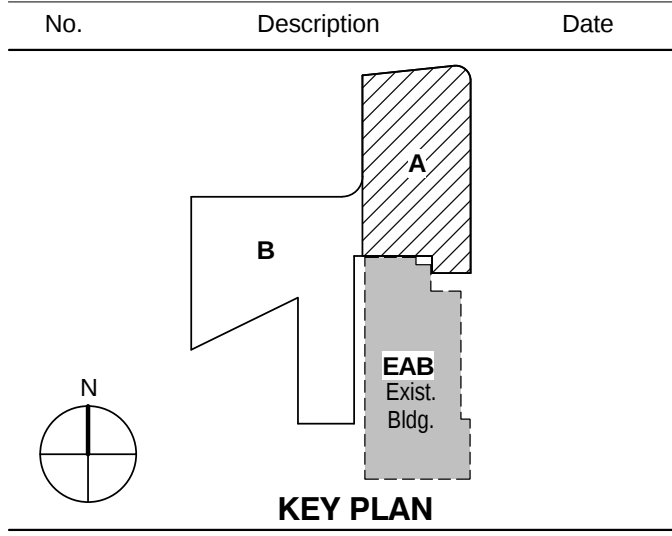
P0113.A



KEYED NOTES: (THIS SHEET ONLY)

- 3" SANITARY WASTE DOWN AND 3" SANITARY VENT UP
- 3" SANITARY VENT UP, 3" VTR.
- 4" SANITARY VENT RISER, EXTEND FULL SIZE THROUGH THE ROOF.
- 4" SANITARY WASTE DOWN, 4" SANITARY VENT UP, EXTEND IN CHASE FULL SIZE TO VENT STACK. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY WASTE DOWN, 2" SANITARY VENT UP, EXTEND IN CHASE FULL SIZE TO VENT STACK. REFER TO DRAWING P0401 FOR RISER DIAGRAMS.
- 2" SANITARY VENT UP TO ABOVE THE CEILING, EXTEND AS SHOWN.
- 2" SANITARY VENT DOWN IN WALL TO SERVE LABORATORY SINK.
- 2" SANITARY VENT DOWN IN WALL TO SERVE EMERGENCY SHOWER.
- NOT USED.
- 3" SANITARY WASTE DOWN, 2" SANITARY VENT UP. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- FLOOR SINK TO BE LOCATED BELOW THE CASEWORK TO ACCEPT DISCHARGE FROM LAB EQUIPMENT. COORDINATE LOCATION WITH CASEWORK.
- 2" SANITARY VENT UP IN WALL.
- 2" SANITARY VENT UP FROM LEVEL 3. REFER TO DRAWING P113.A FOR OFF-SET AT LEVEL 3.
- 2" SANITARY WASTE DOWN, 2" SANITARY VENT UP. REFER TO DRAWING P0401 FOR WASTE AND VENT RISER.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 1-3.
- REFER TO DRAWING P0406 SANITARY WASTE AND VENT RISER DIAGRAM 3-3.
- REFER TO DRAWING P0404 SANITARY WASTE AND VENT RISER DIAGRAM 2-4.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 4-3.
- REFER TO DRAWING P0408 SANITARY WASTE AND VENT RISER DIAGRAM 5-3.

4	ASI - 014 (RFI-176)	21 JUL 2016
3	ADDENDUM 2-4	24 MAY 2016
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



LEVEL 04 AREA A FLOOR PLAN - PLUMBING WASTE AND VENT

Project No.: 04561.01 Checked by:

P0114.A