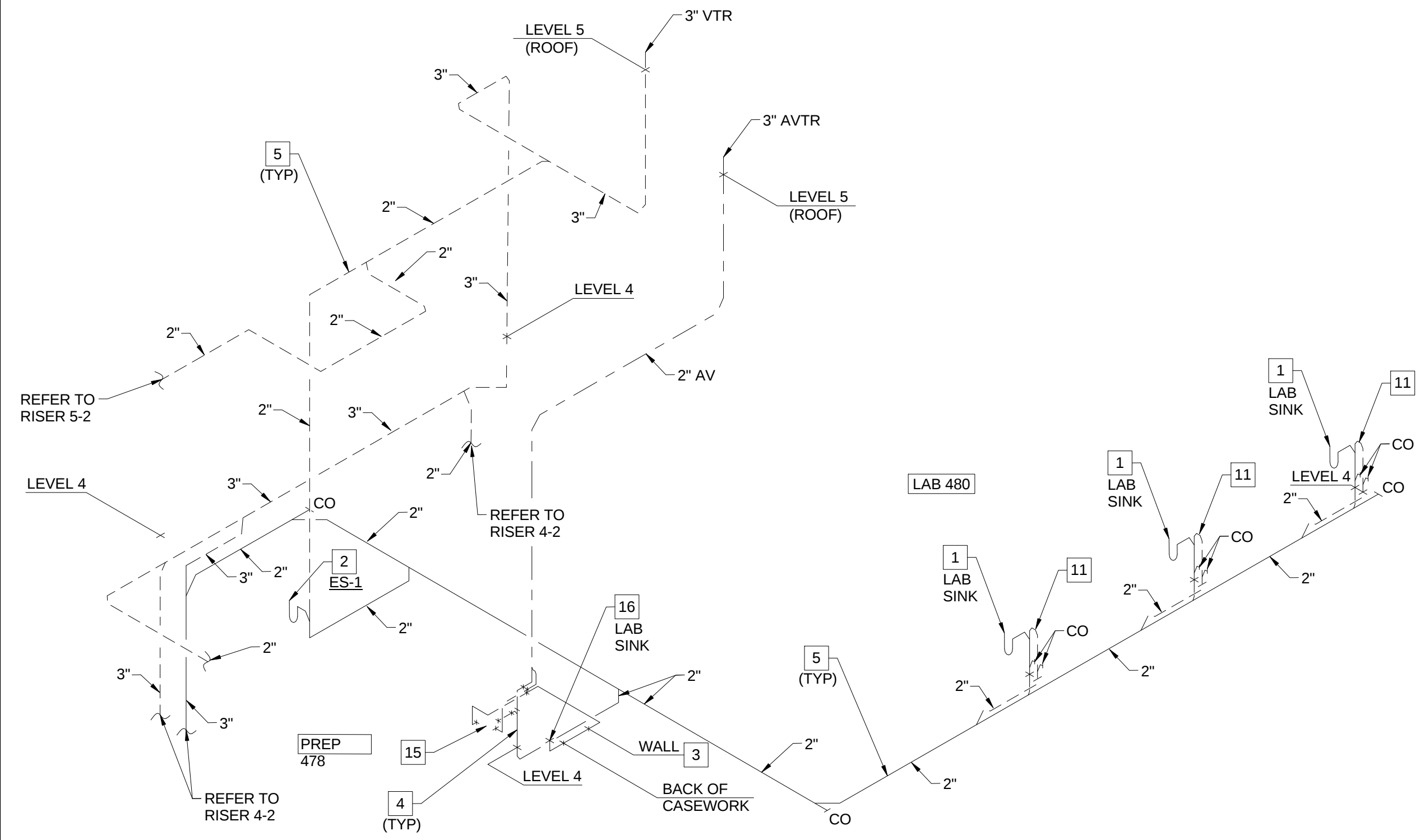
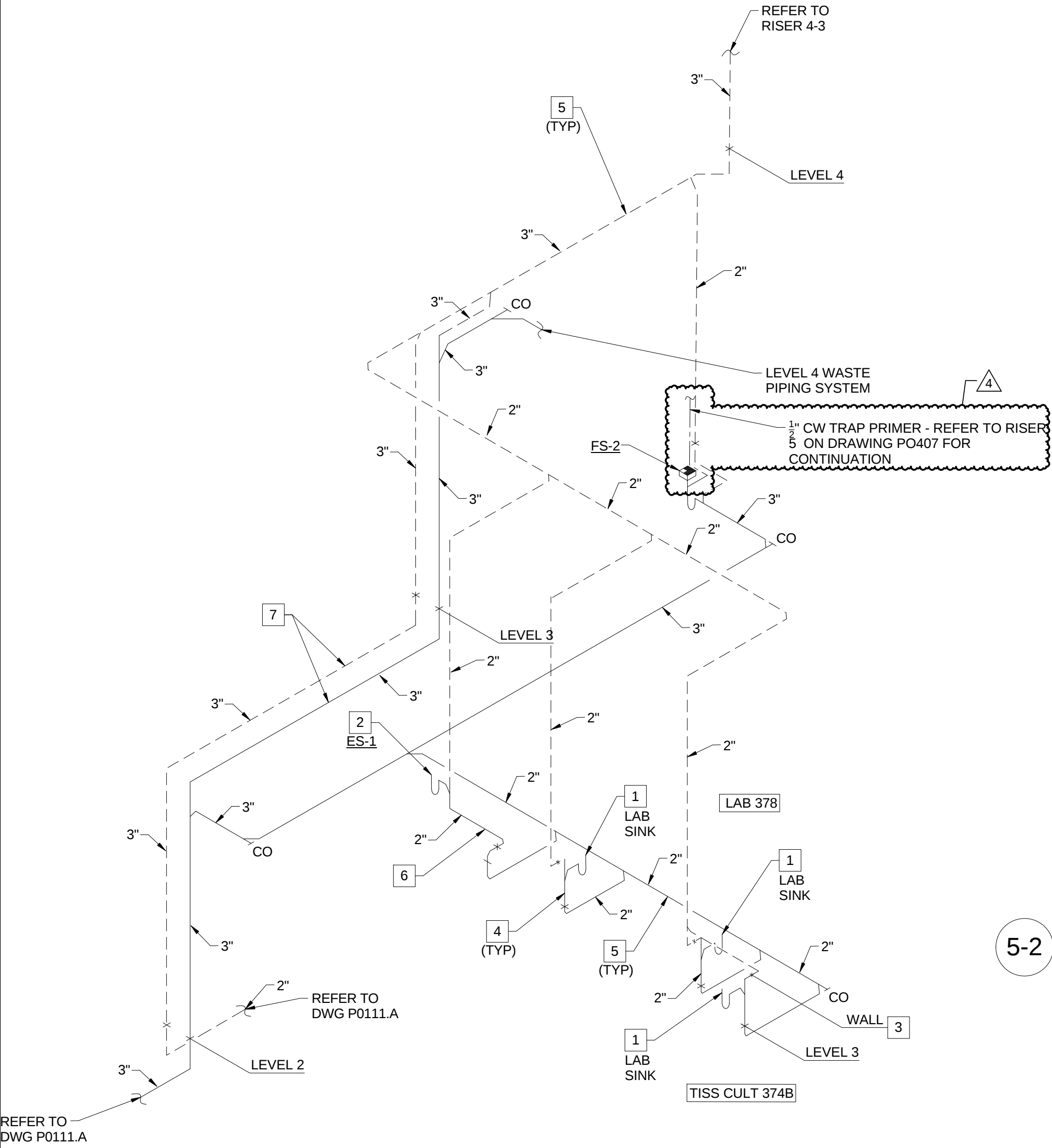


KEYED NOTES (THIS SHEET ONLY)

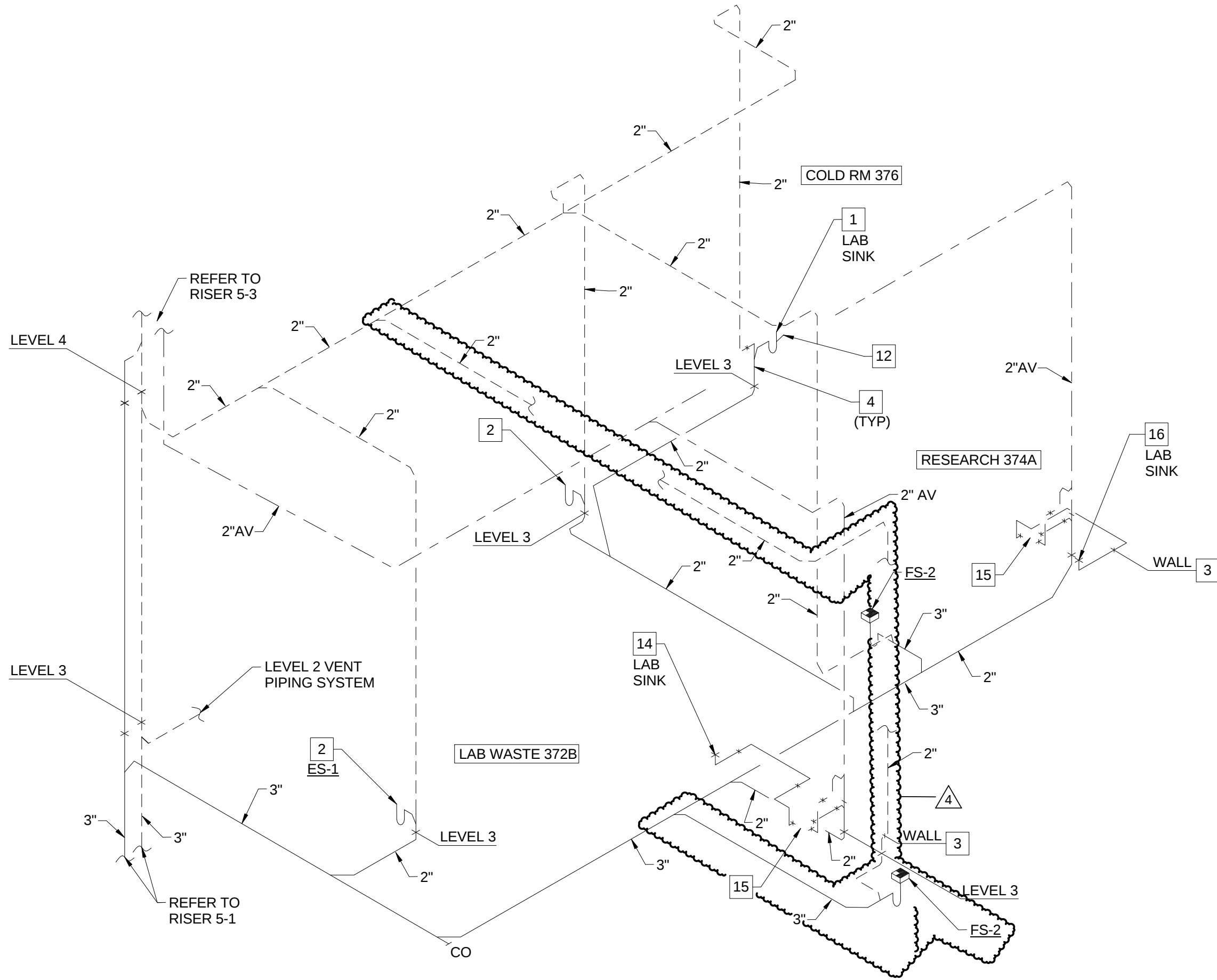
- 1 REFER TO DRAWING P0503, DETAIL 2/P0503 FOR TYPICAL LAB SINK WASTE CONNECTION DETAIL.
- 2 REFER TO DRAWING P0403, DETAIL 3/P0403 FOR TYPICAL EMERGENCY SHOWER PIPING DIAGRAM. COORDINATE PENETRATION THROUGH THE FLOOR WITH THE STRUCTURE BELOW AND THE ARCHITECTURAL DRAWINGS, OFF-SET THE PIPING AS REQUIRED.
- 3 OFF-SET VENT PIPING INTO THE WALL CAVITY TO EXTEND ABOVE THE CEILING. TYPICAL FOR LAB SINKS OR WHERE APPLICABLE.
- 4 WASTE PIPING TO BE LOCATED IN THE UTILITY SPACE BETWEEN THE WALL AND BACK OF CASEWORK. COORDINATE PENETRATION THROUGH THE FLOOR WITH THE STRUCTURE BELOW AND THE ARCHITECTURAL DRAWINGS, OFF-SET THE PIPING AS REQUIRED.
- 5 COORDINATE ROUTING AND INSTALLATION OF THE WASTE AND VENT PIPING ABOVE THE CEILING WITH STRUCTURAL ELEMENTS AND OTHER TRADES ON THIS PROJECT. HOLD PIPING AS HIGH AS POSSIBLE, WHERE POSSIBLE. TYPICAL FOR ALL ABOVE THE CEILING PIPING.
- 6 EXTEND WASTE FROM EMERGENCY SHOWER HORIZONTAL IN WALL CAVITY TO AN AREA BEHIND THE LABORATORY CASE WORK. TURN PIPING OUT OF WALL WITHIN UTILITY SPACE BEHIND THE CASEWORK TO TURN DOWN THROUGH THE FLOOR. COORDINATE PENETRATION THROUGH THE FLOOR WITH THE STRUCTURE BELOW AND THE ARCHITECTURAL DRAWINGS, OFF-SET PIPING AS REQUIRED.
- 7 3" WASTE AND 3" VENT TO BE OFF-SET AT LEVEL 2 TO CONTINUE DOWN. COORDINATE INSTALLATION AND ROUTING WITH STRUCTURE AND BUILDING CONDITIONS.
- 8 INTEGRAL BENCH TOP CUP SINK, ROUTE WASTE PIPING IN UTILITY CHASE IN CASEWORK. COORDINATE INSTALLATION WITH CASEWORK AND OTHER UTILITIES WITHIN THIS SOACE.
- 9 3" WASTE DOWN TO LEVEL 0.
- 10 3" WASTE TO BE OFF-SET AT LEVEL 1 TO CONTINUE DOWN. COORDINATE INSTALLATION AND ROUTING WITH STRUCTURE AND BUILDING CONDITIONS.
- 11 2" WASTE AND 2" VENT WITHIN CABINET BELOW LAB SINK. EXTEND THE VENT UP TO BELOW THE COUNTERTOP BEFORE TURNING DOWN. PROVIDE CLEANOUT TEES IN WASTE AND VENT PIPING. EXTEND AND CONNECT VENT RETURN TO THE UNDER FLOOR WASTE PIPING FIVE FEET DOWN-STREAM.
- 12 PROVIDE LAB SINK TAIL PIECE WITH SIDE CONNECTION FOR CONDENSATE WASTE. COORDINATE WITH MECHANICAL CONTRACTOR.
- 13 2" VENT FROM LOADING DOCK 172 FLOOR DRAINS.
- 14 LAB SINK TO BE CONNECTED TO POINT-OF-USE NEUTRALIZATION TANK REMOTE FROM THE SINK LOCATION. COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR THE CASEWORK. REFER TO DRAWING P0404, DETAIL 1/P0404 FOR TYPICAL PIPING DIAGRAM. PIPING TO BE ADJUSTED AS REQUIRED FOR EACH LOCATION.
- 15 POINT-OF-USE NEUTRALIZATION TANK. COORDINATE LOCATION AND PLACEMENT WITH CASEWORK. CONSIDERATION SHALL BE GIVEN FOR SERVICE AND MAINTENANCE ACCESSIBILITY.
- 16 LAB SINK AND GLASS WASHER TO BE CONNECTED TO POINT-OF-USE NEUTRALIZATION TANK REMOTE FROM THE SINK LOCATION. COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR THE CASEWORK. REFER TO DRAWING P0404, DETAIL 1/P0404 FOR TYPICAL PIPING DIAGRAM. PIPING TO BE ADJUSTED AS REQUIRED FOR EACH LOCATION.



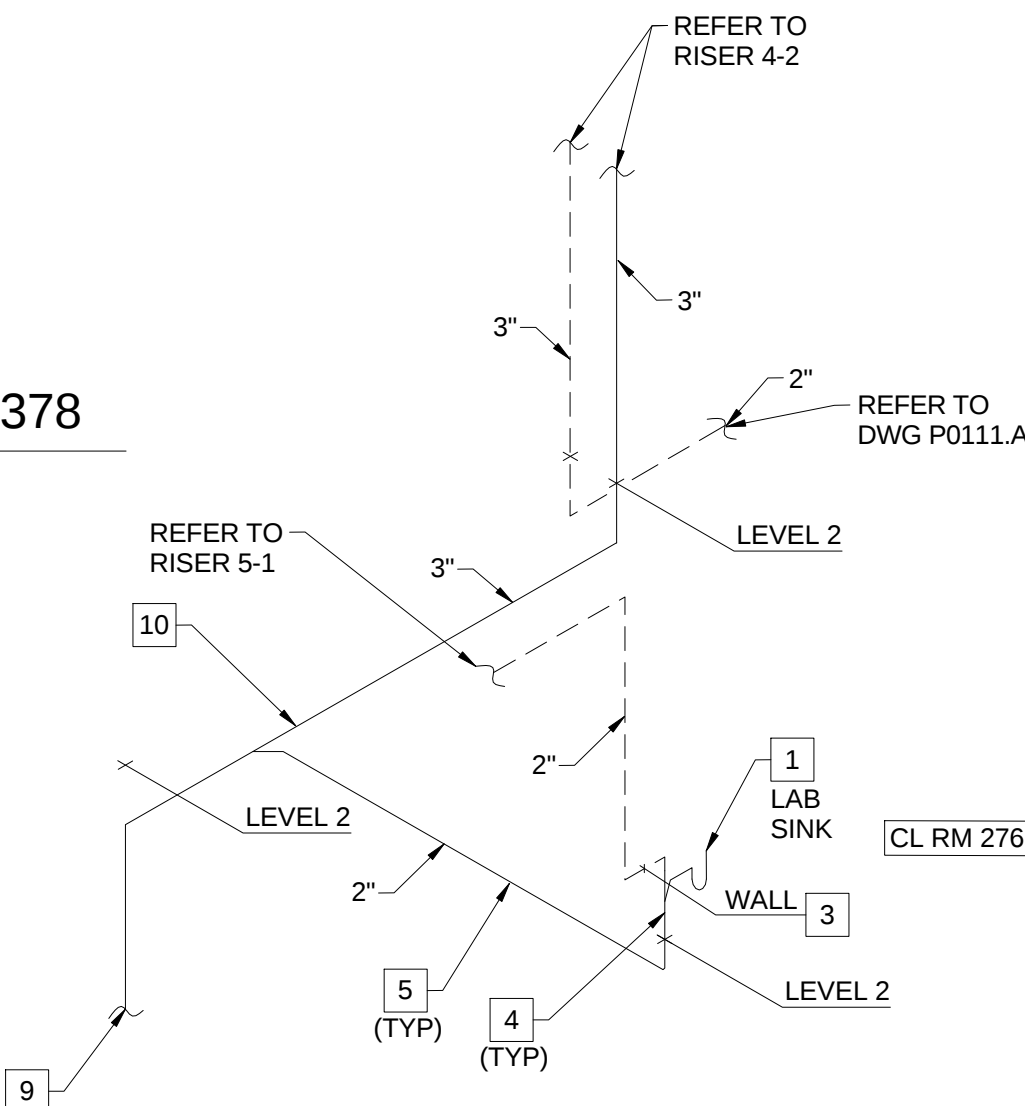
4-3 SANITARY WASTE AND VENT RISER - PREP 478 AND LAB 480



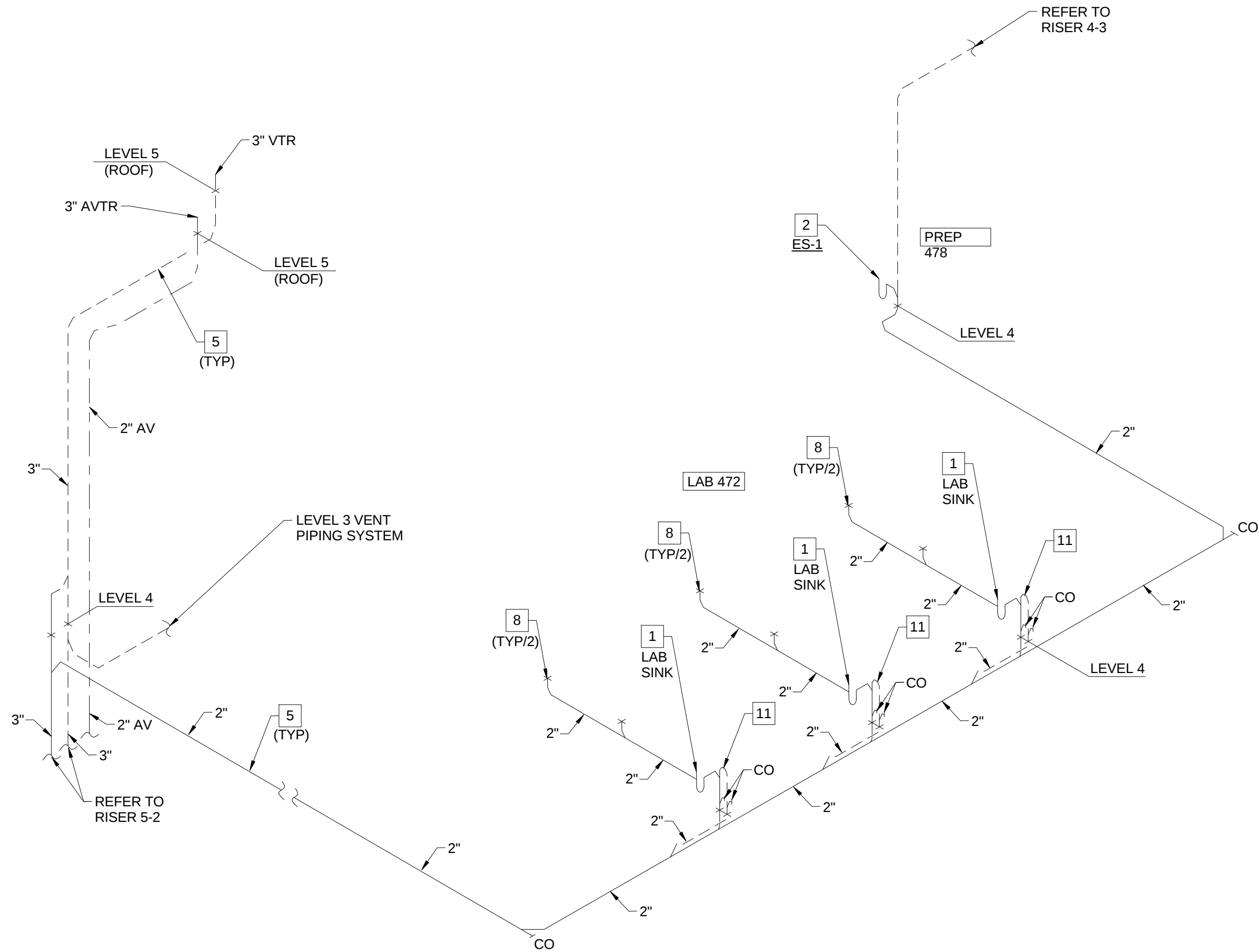
4-2 SANITARY WASTE AND VENT RISER - TISSUE CULTURE 374B AND LAB 378



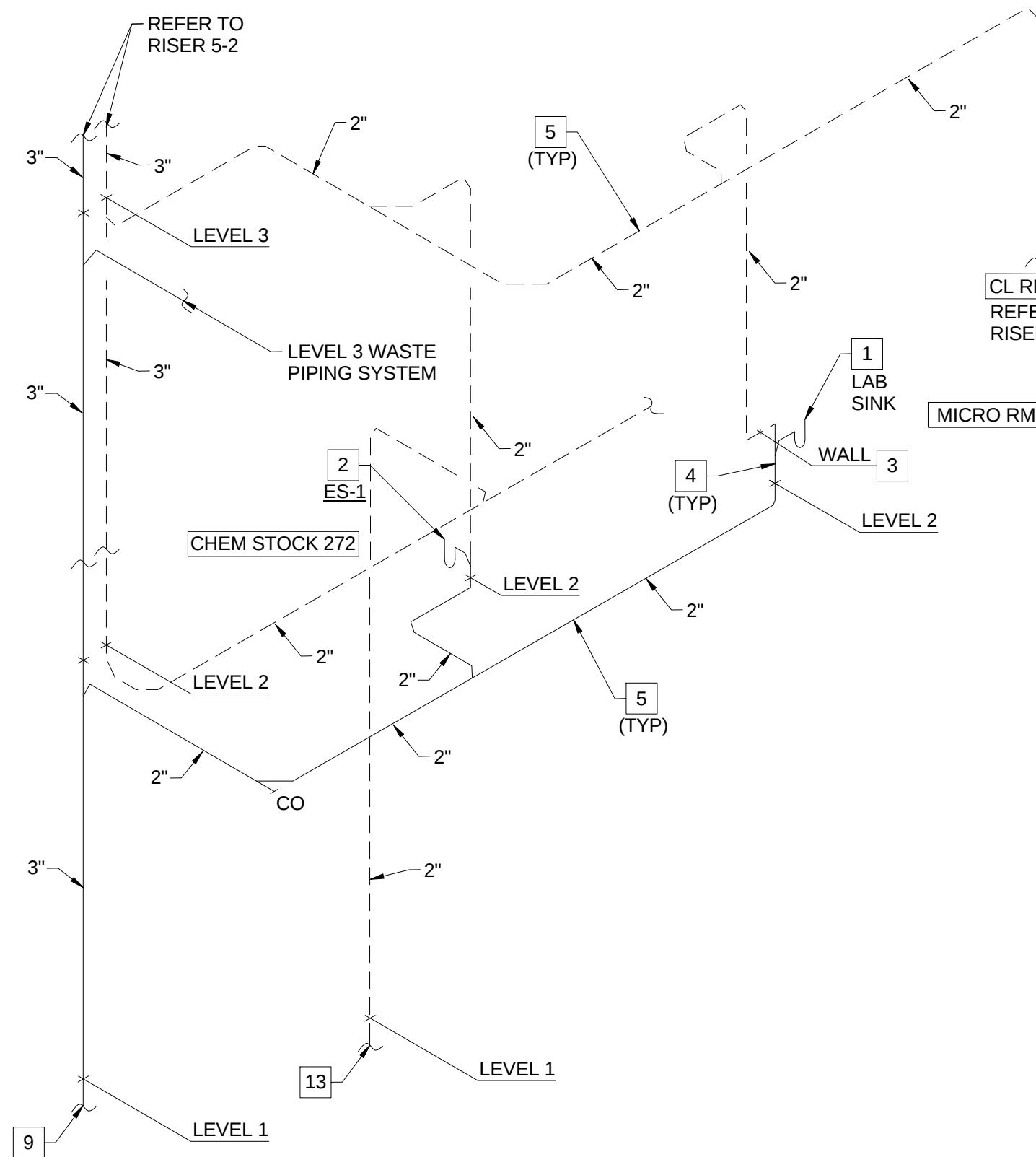
5-2 SANITARY WASTE AND VENT RISER - LAB WASTE 372B, RESEARCH 374A AND COLD RM 376



4-1 SANITARY WASTE AND VENT RISER - CLASSROOM 276



5-3 SANITARY WASTE AND VENT RISER - PREP 472 AND LAB 478



5-1 SANITARY WASTE AND VENT RISER - CHEM STOCK 272, MICRO 274 AND CLASSROOM 276

PLUMBING WASTE AND VENT RISERS FOR PLUMBING RISER PR-5

PLUMBING WASTE AND VENT RISERS FOR PLUMBING RISER PR-4

1
P0408

PLUMBING WASTE AND VENT RISERS FOR PLUMBING RISERS PR-4 AND PR-5

SCALE: N.T.S.

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4	ASI - 033 (RFI 261,286,309 & 310)	03 NOV 2016
3	ASI - 025 Neutralization Tanks	09 SEP 2016
2	ADDENDUM 2-4	24 MAY 2016
1	ADDENDUM 2-2	19 APR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016
No.	Description	Date

Drawing Title:

RISERS - PLUMBING

Project No.: 04561.01

Checked by:

P0408

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