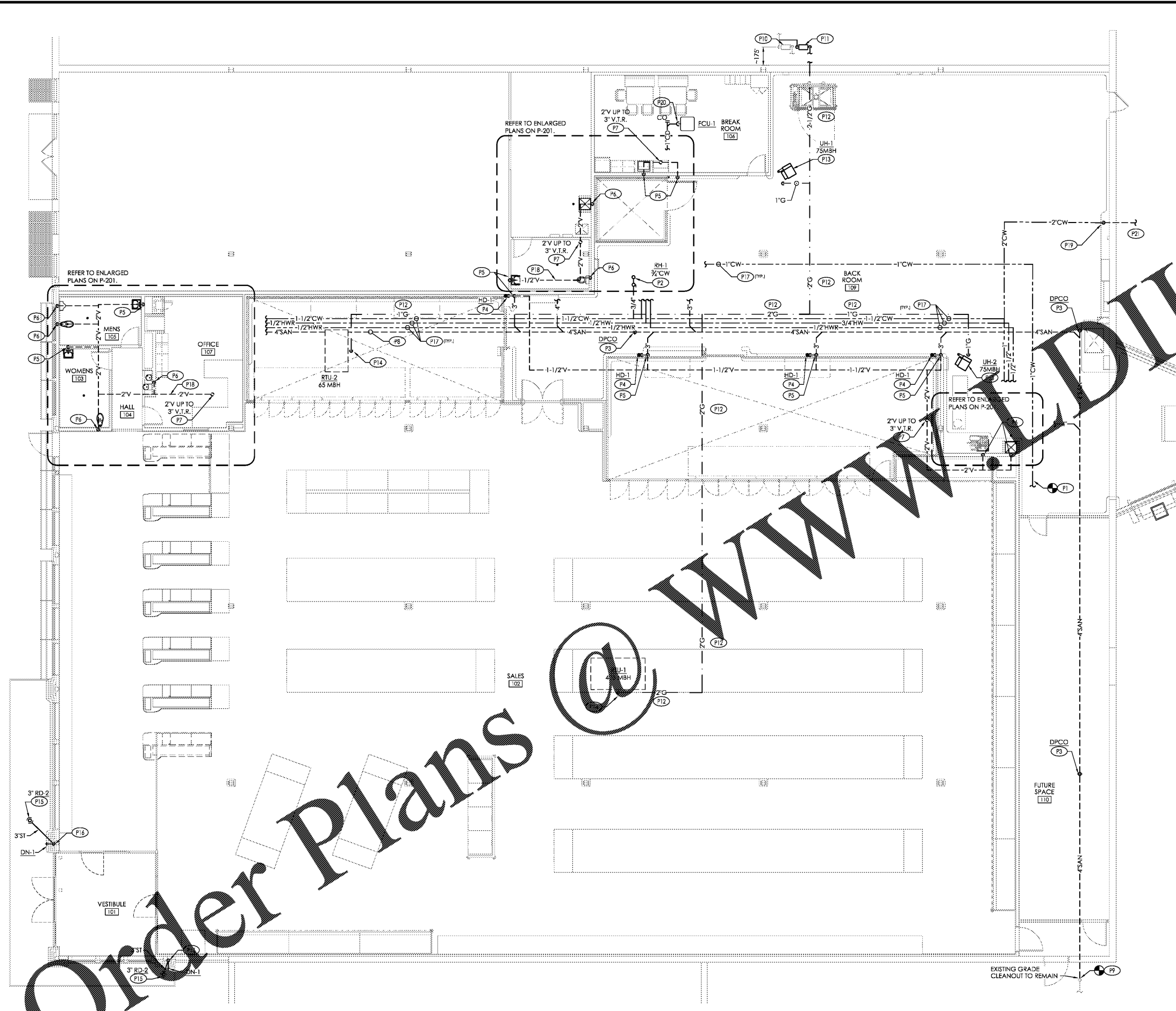


Plot Date: 3/7/2019



**SANITARY NOTES:**

1. PRIOR TO BID, P.C. AND G.C. SHALL VERIFY SANITARY SEWER SYSTEM LOCATION, ROUTING, PITCHES, INVERTS, SIZES AND TIE-IN POINT. ALL SEWER SYSTEM INFORMATION SHALL BE COORDINATED WITH ALDI, INC. REPRESENTATIVE AT TIME OF BID WALK-THROUGH.
2. ALL EXISTING SANITARY PIPING BELOW FLOOR IS TO REMAIN FOR FUTURE USE UNLESS NOTED OTHERWISE. ANY PIPING THAT EXTENDS UP ABOVE FLOOR SHALL BE CUT AND CAPPED. SAW CUT EXISTING SLAB AS REQUIRED TO INSTALL NEW UNDERFLOOR SANITARY PIPING BELOW FLOOR. IF EXISTING SANITARY PIPING BELOW FLOOR PRESENTS ANY OBSTRUCTIONS, THAT PIPING SHALL BE REMOVED TO THE EXTENT NEEDED TO COMPLETE NEW WORK.
3. INFORM PLUMBING ENGINEER OF ANY AND ALL DISCREPANCIES FROM WORK SHOWN ON PLUMBING DRAWINGS PRIOR TO BID DATE.
4. EXISTING ROOF DRAINS TO REMAIN. CLEAN AND REPAIRS REQUIRED TO ENSURE PROPER OPERATION.

**PLUMBING PLAN KEYNOTES:**

- (P1) APPROXIMATE LOCATION OF EXISTING 1" DOMESTIC WATER SERVICE AND SHUTOFF VALVE. EXTEND BELOW EXISTING SERVICE TO ADJACENT TENANT. COORDINATE EXACT REQUIREMENTS. LOCATION AND ROUTING IN FIELD WITH ALDI CM. REFER TO B1/P-201 FOR MORE INFORMATION.
- (P2) PROVIDE ROOF DRAIN WITH A MINIMUM OF DISTANCE OF 4'-0" FROM ROOF FLASH OPENING.
- (P3) PROVIDE DECK FLOOR CLEANOUT. REFER TO DETAIL A1/P-401.
- (P4) PROVIDE CONDENSATE DRAIN, HD-1, FOR COOLER/FREEZER CONDENSATE. COORDINATE WITH REFRIGERATION CONTRACTOR, G.C., AND ALDI CM REPRESENTATIVE SUCH THAT A CODE COMPLIANT AIR GAP IS MAINTAINED PRIOR TO ROUGH-IN. REFER TO DETAIL B2/P-401 AND LOCATION PLAN P-102.
- (P5) PROVIDE 1-1/2" UP.
- (P6) PROVIDE 2" V. UP.
- (P7) PROVIDE VENT THROUGH ROOF. LOCATE A MINIMUM OF 10' FROM ALL EQUIPMENT OUTSIDE AIR INTAKES.
- (P8) INSULATE AND HEAT TRACE SANITARY PIPING BELOW FREEZER FLOOR. PROVIDE RAYCHEM XL SELF REGULATING HEAT TRACE CABLE AND RAYCHEM C910 CONTROLLER OR EQUAL.
- (P9) APPROXIMATE LOCATION OF EXISTING SANITARY ENTRANCE BELOW FLOOR TO BE REMOVED. REMOVE MAIN AND ALL EXISTING BRANCH DRAINAGE PIPING. PROVIDE NEW INVERT DEPTH AT MINIMUM 5'-0" BELOW FLOOR. COORDINATE EXACT LOCATION, ROUTING AND CONNECTION POINT OF NEW PIPING IN FIELD WITH ALDI CM PRIOR TO ROUGH IN.
- (P10) APPROXIMATE LOCATION OF EXISTING ADJACENT TENANTS GAS METER TO REMAIN.
- (P11) PROVIDE GAS METER, MANIFOLD OFF EXISTING UNDERGROUND GAS SERVICE. COORDINATE EXACT LOCATION IN FIELD. REFER TO DETAIL B1/P-401. ENSURE GAS REGULATOR SET TO 10" WC. MINIMUM INLET PRESSURE REQUIRED AT RTU'S IS 7" WC CONFIRM EXISTING OUTLET PRESSURE AT METER. COORDINATE WITH UTILITY COMPANY TO ENSURE AN OUTLET PRESSURE OF 10" WC. IF 10" WC NOT AVAILABLE CONTACT ARCHITECT/ENGINEER.
- (P12) PROVIDE GAS PIPING ALONG ROOF. REFER TO DETAIL B1/P-401. COORDINATE EXACT ROUTING AND CONNECTION POINT TO EXISTING GAS PIPING IN FIELD.
- (P13) PROVIDE GAS PIPING DOWN THROUGH ROOF TO UNIT HEATER. PROVIDE WITH DIRT LEG AND ISOLATION SHUTOFF VALVE. MAKE FINAL CONNECTION TO UNIT. REFER TO ISOMETRIC B2/P-301 AND DETAIL B3/P-401.
- (P14) PROVIDE GAS PIPING TO RTU. PROVIDE WITH DIRT LEG AND ISOLATION SHUTOFF VALVE. MAKE FINAL CONNECTION TO UNIT. REFER TO ISOMETRIC B2/P-301 AND DETAIL A2/P-401.
- (P15) PROVIDE ROOF DRAIN.
- (P16) PROVIDE 3" PVC DOWNSPOUT FROM CANOPY TO DOWN SPOUT NOZZEL.
- (P17) DOMESTIC COLD WATER, HOT WATER & HOT WATER RETURN PIPING SHALL BE ROUTED TIGHT TO STRUCTURE ABOVE.
- (P18) PROVIDE VENT PIPING ABOVE CEILING.
- (P19) 2" WATER SERVICE FROM BELOW GRADE. PROVIDE WITH 2" SHUTOFF 30" AFF.
- (P20) PROVIDE 1" CONDENSATE DRAIN FROM FCU-1. ROUTE TO NEAREST HUB DRAIN. SLOPE AT 1/4" PER FOOT. TERMINATE DRAIN 4" ABOVE DRAIN WITH AIR GAP PER CODE.
- (P21) REFER TO ARCHITECTURAL SITE PLAN FOR CONTINUATION OF PIPING. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO SITE PIPING.

Issued:	Date:
A Client Review Set	02/15/19
B Bid Set	03/08/19
C	
D	
Revisions:	Date:
1	
2	
3	
4	
5	
6	
7	
8	

**DO NOT SCALE PLANS**  
 Copying, Printing, Software and other processes required to produce these prints can stretch or shrink the actual paper or layout. Therefore, scaling of this drawing may be inaccurate. Contact us consultants with any need for additional dimensions or clarifications.

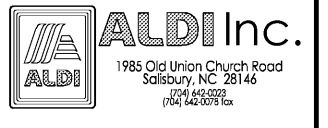
**ms consultants, inc.**  
 engineers, architects, planners  
 920 Main Campus Drive  
 Suite 430  
 Raleigh, NC 27606-5213  
 (919)-772-5565  
 fax: (919)-779-2308

DRAWN BY: JMM

REVIEWED BY: KFF

Seal

ENGINEER FIRM LICENSE #C-3239  
 PROFESSIONAL OF RECORD:  
 DANIEL E. DOWLER No. 042448  
 EXP. DATE: 12/31/2019



ALDI Inc. Store #: 59  
 Cary, NC  
 1315 Kildaire Farm Rd  
 Cary, NC 27511  
 Wake County  
 Project Name & Location:

Plumbing Floor Plan Drawing Name:	
Prototype Rls.	Project No. 40452-25
Type: v7.1	P-101
Scale: As Noted	Drawing No.

**Order Plans**

D1 Plumbing Floor Plan  
 SCALE: 1/8" = 1'-0"

