

- A. PROVIDE SHUT OFF VALVES FOR EACH HW, CW, FW & NG DROP TO ALL EQUIPMENT AND FIXTURES AT A LOCATION PER THE PLUMBING CODE. PROVIDE PRESSURE REGULATORS (ON R/R) IF REQ'D FOR ALL NG LINES.
- B. GAS LINE INSTALLATION WORK TO BE PERFORMED TO THE HIGHEST LOCAL CODES AND STANDARDS IN ADDITION TO SAFETY AND DESIGN FOR ALL NEW INSTALLATION. PROVIDE UNION DIRT LEG AND NG RATED 1/2" TURN PLUG VALVE (ANSI 221.15) FOR EACH NG CONNECTION.
- C. ALL NEW HW/CW/RUNS TO BE SEPARATED BY DISTANCE PER THE PLUMBING CODE. ALL NEW HW AND CW LINES TO BE INSULATED PER KROGER STANDARDS.
- D. PLUMBING RUNS MAY REQUIRE A SLIGHTLY DIFFERENT PATH THAN AS SHOWN DUE TO MINOR INTERFERENCES, CONTRACTOR TO VERIFY THAT PLUMBING PATH IS ACCEPTABLE TO CODES.
- E. VERIFY AND PROVIDE IF NECESSARY BUILDING MAIN BACKFLOW PREVENTION DEVICES. VERIFY AND PROVIDE IF NECESSARY PROPER BACKFLOW PREVENTION FOR OTHER PLUMBING FIXTURES.
- F. VERIFY THAT THE GAS PRESSURE DELIVERED TO EACH NEW FIXTURE IS EQUAL TO THE MANUFACTURERS REQUIRED GAS PRESSURE. ADD REGULATOR IF REQ'D. ALL NG AND REGULATORS ON THE ROOF WITH DROPS TO APPLIANCES. VERIFY THAT THE EXIST GAS METER AND SERVICE IS SUFFICIENT FOR THE NEW TOTAL GAS LOAD OF ALL GAS FIXTURES.
- G. WHOLE STORE REQUIRES AUTOMATIC FIRE SPRINKLER HEAD EVALUATIONS AND MODIFICATIONS. ADD EACH ADDITIONAL SPRINKLER HEAD AS REQ'D TO ACCOMMODATE NEW REFLECTED CEILING PLAN, NEW SOFFIT LOCATIONS AND NEW & DEMOLISHED WALL LAYOUT. FIRE SUPPRESSION SHALL BE HANDLED AS A DEFERRED SUBMITTAL.
- H. VERIFY THAT ALL SANITIZERS HAVE PROPER BACKFLOW PREVENTION. PROVIDE #1012 BACK FLOW PREVENTOR TO EACH SANITIZER AS REQ'D.
- I. ALL NG LINES ON THE ROOF TO BE PAINTED WITH (1) COAT PRIMER AND (1) COAT RUST INHIBITIVE PAINT. SEE ROOF PLAN FOR PAINT TYPE.
- J. ALL NEW CFW SUPPLY LINES TO BE FOOD SERVICE APPROVED PEX. NO COPPER AFTER WATER FILTRATION SYSTEM.
- K. ALL NEW EXPOSED PIPE TO BE PAINTED TO MATCH EXISTING EXPOSED STRUCTURE.
- L. NO SURFACE MOUNTED WATER OR VENT LINES PERMITTED EXPOSED IN ANY PREP ROOM.
- M. PROVIDE BALL VALVES AT ALL NEW BRANCH LINE LOCATIONS. U.O.N. INSTALL AT 10'-6" AFF.

- B. VERIFY LOCATION OF ALL EXISTING SANITARY LINES FOR THE IN CONNECTIONS
- C. SEE KROGER STANDARD MECHANICAL DETAIL SHEETS FOR INSTALLATION REQUIREMENTS OF BELOW SLAB PLUMBING.
- D. BRANCH PLUMBING VENTS TOGETHER AS MUCH AS POSSIBLE TO MINIMIZE THE NUMBER OF ROOF PENETRATIONS FOR VENTS.
- E. ALL DRAIN LINE WYES ON BRANCH LINES TO LAY HORIZONTAL. ALL DRY VENT WYES ON BRANCH LINES TO LAY VERTICAL.
- F. ALL FLOOR DRAINS, HUB DRAINS TO HAVE TRAP SEAL PRIMERS (TYPICAL)
- G. ALL NEW LINES ARE SHOWN AS BOLD WITH EXISTING SHOWN AS LIGHTER.
- H. VENT THRU ROOF (IF APPLICABLE) TO BE LOCATED ON THE ROOF AT A MINIMUM DISTANCE OF 15'-0" FROM ANY AIR INTAKE.
- I. GC TO VERIFY LOCATION OF EXISTING SAN AND VENT LINES AND MAKE ALL NECESSARY CONNECTIONS AS REQ' FOR A FULLY FUNCTIONAL DRAIN SYSTEM.
- J. FOR ALL NEW VENTS: RUN NEW VENT LINE STACK THRU ROOF OR CONNECT TO EXISTING VENT STACK THAT IS APPROPRIATELY SIZED. MINIMIZE NEW ROOF PENETRATIONS FOR PLUMBING VENTS.
- K. EXISTING SAN IN THE STORE MAY BE SOMEWHAT DIFFERENT THAN AS SHOWN ON THE DRAWING, SLIGHT CHANGES MAY BE REQUIRED TO BUILD A FUNCTIONAL SYSTEM.
- L. EXISTING HUB DRAINS MAY BE REWORKED/REUSED TO ACCOMMODATE NEW CISTS IF PRACTICAL. HD MUST BE CONCEALED AND MUST BE 1" AFF.
- M. VERIFY EXISTENCE, LOCATION AND OPERATION OF EXISTING BACK-WATER VALVE ON BUILDING DRAIN. REPORT FINDINGS TO KROGER ENGINEER AND OWNERS ARCHITECT/ENGINEER.
- N. MOST HUB DRAINS ARE SHOWN AS 3" SAN WITH A 3" HUB DRAIN EXPOSURE AND 3" FIXTURE TRAP.
- P. PROVIDE SS COVERS FOR ALL EXISTING BROKEN CLEANOUT COVERS.
- Q. ALL NEW VERTICAL DRAIN DROPS WILL HAVE A LINE SIZED VERTICAL CLEANOUT. THIS CLEAN OUT WILL BE CONCEALED BY A COVER.
- R. JOBS THAT ARE BUILT WITH NEW POLISHED CONCRETE FLOOR OPTION WILL REQUIRE REPLACEMENT OF ALL EXPOSED PLUMBING FIXTURES. (MAINLY CLEAN OUTS AND FLOOR DRAINS) REPLACE ALL EXPOSED FIXTURES WITH STAINLESS STEEL FINISH LINE PRODUCT. THIS COST IS COVERED BY THE INITIAL BID.
- S. PROVIDE WALL CO AT BASE OF ALL VERTICAL BRANCHES. PROVIDE CO AT BUILDING DRAIN LOCATIONS.

ADDENDUM NO. 3 BIDS & PERMITS 90% OWNER REVIEW		07-16-2015 08-26-2015 09-22-2015
issued for:		
PROPOSED INTERIOR REMODEL FOR:		
		
STORE NO. D-361		
425 N. CENTER STREET NORTHVILLE, MI 48167		
THE KROGER CO. OF MICHIGAN		
		
jeffery a. scott architects p.c.		
32316 grand river ave. suite 200 farmington, michigan 48336-3261 (248) 476-6800 fax (248) 476-6833		
PLUMBING DETAILS AND NOTES		
project no.	sheet no.	
15100	P5.1	

PLOT FULL SIZE = 30"x42"

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