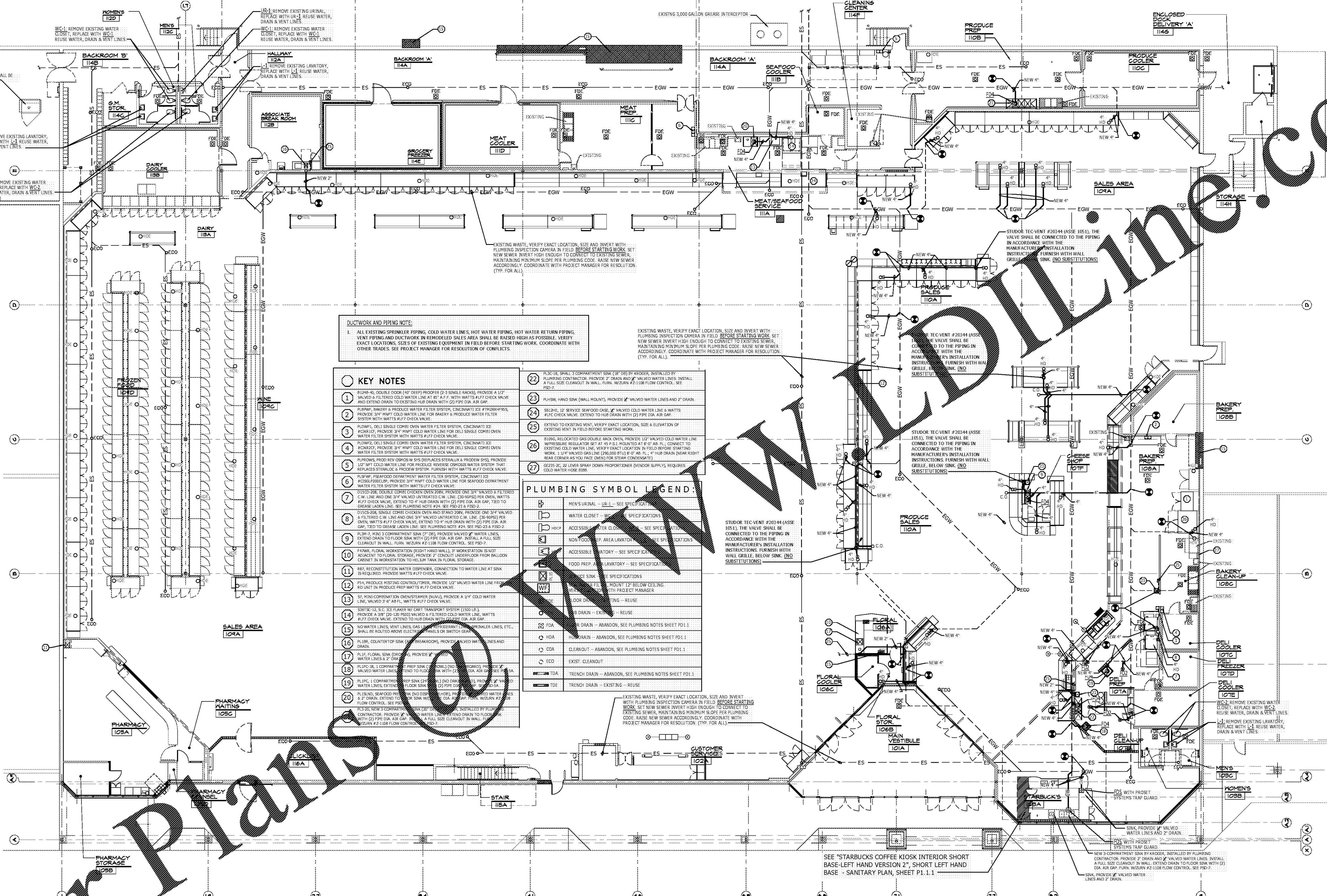

DUCTWORK AND PIPING NOTE:

1. ALL EXISTING SPRINKLER PIPING, COLD WATER LINES, HOT WATER PIPING, HOT WATER RETURN PIPING, VENT PIPING AND DUCTWORK IN REMODELED SALES AREA SHALL BE RAISED HIGH AS POSSIBLE. VERIFY EXACT LOCATIONS, SIZES OF EXISTING EQUIPMENT IN FIELD BEFORE STARTING WORK. COORDINATE WITH OTHER TRADES. SEE PROJECT MANAGER FOR RESOLUTION OF CONFLICTS.

KEY NOTES

1	B124B-40, DOUBLE DOOR (40" DEEP) PROOFER (2-3 SINGLE RACKS), PROVIDE A 1/2" VALVED & FILTERED COLD WATER LINE AT 85" A.F.F. WITH WATTS #LF7 CHECK VALVE AND EXTEND DRAIN TO EXISTING HUB DRAIN WITH (2) PIPE DIA. AIR GAP.
2	PLBPWF, BAKERY & PRODUCE WATER FILTER SYSTEM, CINCINNATI ICE #TM2XHF95S, PROVIDE 3/4" MNPT COLD WATER LINE FOR BAKERY & PRODUCE WATER FILTER SYSTEM WITH WATTS #LF7 CHECK VALVE.
3	PLDWF1, DELI SINGLE COMBI OVEN WATER FILTER SYSTEM, CINCINNATI ICE #CIKR1CF, PROVIDE 3/4" MNPT COLD WATER LINE FOR DELI SINGLE COMBI OVEN WATER FILTER SYSTEM WITH WATTS #LF7 CHECK VALVE.
4	PLDWF2, DELI SINGLE COMBI OVEN WATER FILTER SYSTEM, CINCINNATI ICE #CIKR2CF, PROVIDE 3/4" MNPT COLD WATER LINE FOR DELI SINGLE COMBI OVEN WATER FILTER SYSTEM WITH WATTS #LF7 CHECK VALVE.
5	PLPROWS, PROD REV OSMOS W SYS (REPLACES STERALUX & PRODEW SYS), PROVIDE 1/2" NPT COLD WATER LINE FOR PRODUCE REVERSE OSMOSIS WATER SYSTEM THAT REPLACES STERALOC & PRODEW SYSTEM. FURNISH WITH WATTS #LF7 CHECK VALVE.
6	PLSFWF, PSEAFOOD DEPARTMENT WATER FILTER SYSTEM, CINCINNATI ICE #CISGLP200CLBP, PROVIDE 3/4" MNPT COLD WATER LINE FOR SEAFOOD DEPARTMENT WATER FILTER SYSTEM WITH WATTS LF7 CHECK VALVE.
7	D15CD-208, DOUBLE COMBI CHICKEN OVEN 208V, PROVIDE ONE 3/4" VALVED & FILTERED C.W. LINE AND ONE 3/4" VALVED UNTREATED C.W. LINE. (30-90PSI) PER OVEN, WATTS #LF7 CHECK VALVE, EXTEND TO 4" HUB DRAIN WITH (2) PIPE DIA. AIR GAP, TIED TO GREASE LADEN LINE. SEE PLUMBING NOTE #24. SEE PSD-23 & PISD-2.
8	D15CS-208, SINGLE COMBI CHICKEN OVEN AND STAND 208V, PROVIDE ONE 3/4" VALVED & FILTERED C.W. LINE AND ONE 3/4" VALVED UNTREATED C.W. LINE. (30-90PSI) PER OVEN, WATTS #LF7 CHECK VALVE, EXTEND TO 4" HUB DRAIN WITH (2) PIPE DIA. AIR GAP, TIED TO GREASE LADEN LINE. SEE PLUMBING NOTE #24. SEE PSD-23 & PISD-2.
9	PL3M-7, MINI 3 COMPARTMENT SINK (7" DB), PROVIDE VALVED ½" WATER LINES, EXTEND DRAIN TO FLOOR SINK WITH (2) PIPE DIA. AIR GAP. INSTALL A FULL SIZE CLEANOUT IN WALL. FURN. W/ZURN #Z-1108 FLOW CONTROL. SEE PSD-7.
10	F47WR, FLORAL WORKSTATION (RIGHT HAND WALL), IF WORKSTATION IS NOT ADJACENT TO FLORAL STORAGE, PROVIDE 2" CONDUIT UNDERFLOOR FROM BALLOON CABINET IN WORKSTATION TO HELIUM TANK IN FLORAL STORAGE.
11	R87, RECONSTITUTION WATER DISPENSER, CONNECTION TO WATER LINE AT SINK IS REQUIRED. PROVIDE WATTS #LF7 CHECK VALVE.
12	P54, PRODUCE MISTING CONTROL/TIMER, PROVIDE 1/2" VALVED WATER LINE FROM RO UNIT IN PRODUCE PREP WATTS #LF7 CHECK VALVE.
13	S7, MINI-COMBINATION OVEN/STEAMER (NUVU), PROVIDE A 1/4" COLD WATER LINE, VALVED 3'-6" AB FL, WATTS #LF7 CHECK VALVE.
14	S36TSC-12, S.C. ICE FLAKER W/ CART TRANSPORT SYSTEM (1500 LB.), PROVIDE A 3/8" (20-120 PSIG) VALVED & FILTERED COLD WATER LINE, WATTS #LF7 CHECK VALVE. EXTEND TO HUB DRAIN WITH (2) PIPE DIA. AIR GAP.
15	NO WATER LINES, VENT LINES, GAS LINES, REFRIGERANT LINES, SPRINKLER LINES, ETC., SHALL BE ROUTED ABOVE ELECTRICAL PANELS OR SWITCH GEAR.
16	PL1BR, COUNTERTOP SINK (ASSOC BREAKROOM), PROVIDE VALVED WATER LINES AND DRAIN.
17	PL1F, FLORAL SINK (DROP-IN), PROVIDE ½" VALVED WATER LINES & 2" DRAIN.
18	PL1PC-18, 1 COMPARTMENT PREP SINK (18" BOWL) (NO DRAINBOARD), PROVIDE ½" VALVED WATER LINES, EXTEND TO FLOOR SINK WITH (2) PIPE DIA. AIR GAP. SEE PSD-5A.
19	PL1PC, 1 COMPARTMENT PREP SINK (24" BOWL) (NO DRAINBOARD), PROVIDE ½" VALVED WATER LINES, EXTEND TO FLOOR SINK WITH (2) PIPE DIA. AIR GAP. SEE PSD-5A.
20	PL1SLND, SEAFOOD PREP SINK (NO DISPOSER/LHDB), PROVIDE ½" VALVED WATER LINES & 2" DRAIN. EXTEND TO FLOOR SINK W/(2) PIPE DIA. AIR GAP. FURN. W/ZURN #Z-1108 FLOW CONTROL. SEE PSD-7.
21	PL3-20, NEW 3-COMPARTMENT SINK (20" DB) BY KROGER, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE ½" VALVED WATER LINES. EXTEND DRAIN TO FLOOR SINK WITH (2) PIPE DIA. AIR GAP. INSTALL A FULL SIZE CLEANOUT IN WALL. FURN. W/ZURN #Z-1108 FLOW CONTROL. SEE PSD-7.
22	PL3C-18, SMALL 3 COMPARTMENT SINK (18" DB) BY KROGER, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE 2" DRAIN AND ½" VALVED WATER LINES. INSTALL A FULL SIZE CLEANOUT IN WALL. FURN. W/ZURN #Z-1108 FLOW CONTROL. SEE PSD-7.
23	PLHSW, HAND SINK (WALL MOUNT), PROVIDE ½" VALVED WATER LINES AND 2" DRAIN.
24	SS12HE, 12' SERVICE SEAFOOD CASE, ½" VALVED COLD WATER LINE & WATTS #LFC CHECK VALVE. EXTEND TO HUB DRAIN WITH (2) PIPE DIA. AIR GAP.
25	EXTEND TO EXISTING VENT, VERIFY EXACT LOCATION, SIZE & ELEVATION OF EXISTING VENT IN FIELD BEFORE STARTING WORK.
26	B109G, RELOCATED GAS DOUBLE RACK OVEN, PROVIDE 1/2" VALVED COLD WATER LINE W/PRESSURE REGULATOR SET AT 45 P.S.I. MOUNTED AT 8'-0" AB. FL.; CONNECT TO EXISTING COLD WATER LINE, VERIFY EXACT LOCATION IN FIELD BEFORE STARTING WORK. 1 1/4" VALVED GAS LINE (290,000 BTU) 8'-0" AB. FL.; 4" HUB DRAIN (NEAR RIGHT REAR CORNER AS YOU FACE OVEN) FOR STEAM CONDENSATE.
27	GE235-2C, 22 LEVER SPRAY DOWN PROPORTIONER (VENDOR SUPPLY), REQUIRES COLD WATER HOSE BIBB.

PLUMBING SYMBOL LEGEND:

	MEN'S URINAL -- UR-1 -- SEE SPECIFICATIONS
	WATER CLOSET -- WC-1 -- SEE SPECIFICATIONS
HDCP	ACCESSIBLE WATER CLOSET -- WC-2 -- SEE SPECIFICATIONS
	NON-FOOD PREP. AREA LAVATORY -- L-1 -- SEE SPECIFICATIONS
HDCP	ACCESSIBLE LAVATORY -- SEE SPECIFICATIONS
	FOOD PREP. AREA LAVATORY -- SEE SPECIFICATIONS
PL15	SERVICE SINK -- SEE SPECIFICATIONS
WF	NEW WATER FILTER, MOUNT 12" BELOW CEILING. VERIFY LOCATION WITH PROJECT MANAGER
FDE	FLOOR DRAIN -- EXISTING -- REUSE
HDE	HUB DRAIN -- EXISTING -- REUSE
FDA	FLOOR DRAIN -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
HDA	HUB DRAIN -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
COA	CLEANOUT -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
ECO	EXIST. CLEANOUT
TDA	TRENCH DRAIN -- ABANDON, SEE PLUMBING NOTES SHEET PD1.1
TDE	TRENCH DRAIN -- EXISTING -- REUSE

SHEET SYMBOL LEGEND:

Symbol	Desription	Detail
FD1	NOT USED	
FD2	FLOOR DRAIN - HEAVY DUTY for FINISH FLOOR. SMOOTH ANTIMICROBIAL PVC BODY WITH STAINLESS STEEL RING, GRATE AND SEDIMENT BASKET.	PSD-2
FD4	FLOOR SINK	PSD-16B
FD5	FLOOR SINK at Starbucks	
HD	HUB DRAIN	PSD-1

PLUMBING NOTES:

1. PIPING ROUTED IN COOLER OR FREEZER WALLS SHALL NOT BE PERMITTED.
2. PIPING EXPOSED TO SALES AREA SHALL NOT BE PERMITTED.
3. PITS, TRENCHES AND REFRIGERATION LINES ARE NOT A PART OF PLUMBING CONTRACT.
4. ALL PLUMBING LINES IN WALL SHALL BE CONCEALED.
5. EXISTING PLUMBING WORK NOT SHOWN ON THIS PLAN TO REMAIN UNCHANGED.
6. PLUMBING WORK SHOWN ON THIS PLAN SHALL BE CONSIDERED NEW, UNLESS NOTED OTHERWISE.
7. EXISTING DRAINS THAT ARE TO BE ABANDONED SHALL BE FILLED IN WITH CONCRETE FLUSH WITH SURROUNDING FLOOR. SEE HUB DRAIN/FLOOR DRAIN REMOVAL DETAIL SHEET PD1.1
8. ALL CLEANOUT PLUGS SHALL BE LUBRICATED WITH AN ANTI-SEIZE COMPOUND PRIOR TO INSTALLATION. THE CLEANOUTS SHALL BE CODED AS FOLLOWS: SANITARY LINE; PAINT BLUE, HUB DRAIN LINE; PAINT RED, FLOOR DRAIN LINE; PAINT YELLOW AND PRODUCE DISPOSER DEDICATED LINE; PAINT ORANGE. (NOT IN SALES AREA).
9. ALL EXISTING HUB DRAINS AND FLOOR DRAINS THAT ARE NOT BEING REMOVED SHALL BE CLEANED AND SHALL DRAIN FREELY WITH NO STOPPAGE, AND MADE TO LIKE NEW CONDITION. REPLACE STRAINERS AS REQUIRED. ROTO-ROOT WASTE LINES TO CLEAR OBSTRUCTIONS.
10. BACKFILL FOR ALL PLUMBING TRENCHES, SEE SPECIFICATIONS 220500 and 312000.
11. LOCATE ELECTRIC, PLUMBING AND REFRIGERATION LINES IN ONE QUADRANT OR ONE HALF OF THE CASE IN LIEU OF DIFFERENT ENDS OR CORNERS OF THE CASE.
12. NO SURFACE MOUNTED WATER OR VENT LINES PERMITTED EXPOSED IN PREP ROOM.
13. ALL PIPE DROPS IN SALES AREA FROM ROOF TO LOW WALLS OR EQUIPMENT SHALL BE COORDINATED AND GROUPED TOGETHER WITH OTHER MECHANICAL PIPES.
14. REVIEW THE PHASING PLAN (BY ARCHITECT) AND INCLUDE ANY WORK REQUIRED FOR TEMPORARY EQUIPMENT LOCATION.
15. EXISTING ACOUSTICAL LAY-IN CEILING TILE & GRID IS BEING RAISED IN SALES AREA. COORDINATE WORK WITH KROGER PROJECT MANAGER AND STORE MANAGER. WORK MAY REQUIRE NIGHT WORK.
16. RELOCATE ALL PIPING, ETC., UP INTO EXISTING STEEL BAR JOIST OR ATTACH TO BOTTOM CHORD OF BAR JOIST.
17. ALL NEW PIPING, ETC., TO BE RUN AT BAR JOIST & PAINT.
18. REMOVE ALL DUST, DIRT & COBWEBS IN EXPOSED STRUCTURE. CLEAN EXPOSED STRUCTURE TO LIKE NEW CONDITION.
19. RUN PIPES IN WARM SPACE OUTSIDE INSULATED WALL PANELS, STUB THRU WALLS INSIDE PREP ROOM & STUB THRU WALL TO SINKS INSIDE PREP ROOMS.
20. NO EXPOSED PIPING SHALL BE INSTALLED IN MEAT PREP AND PRODUCE PREP.
21. INSTALL A BENT METAL PLATE OVER EXPOSED VENT LINES IN LOCATIONS WHERE THEY MAY BE SUBJECT TO DAMAGE.
22. WASTE AND VENT PIPING INSTALLED IN WALLS WITH HOODS, SHALL BE "CAST IRON".
23. IT IS MANDATORY THAT THIS CONTRACTOR SHALL VISIT JOB SITE FOR VISUAL INSPECTION BEFORE BID DATE.
24. PIPING DOWNSTREAM OF WATER DISCHARGED AT 140 DEGREES OR HOTTER SHALL BE CAST IRON FOR 20' DOWNSTREAM.
25. PLUMBER SHALL EVALUATE (FLOW TEST) ALL DRAINS AND SINKS INCLUDING HAND SINKS AND PRODUCE SINKS IN FOOD PREP AREAS TO CONFIRM THAT THE DRAINS ARE DRAINING TO THE GREASE INTERCEPTOR. THIS CAN OCCUR BEFORE OR DURING THE PROPOSED RENOVATION.

WASTE AND VENT PLAN

SCALE: 3/32" = 1'-0"

PLUMBING TRENCHING NOTE:
ALL EXISTING WASTE PIPING SHOWN SHALL BE VERIFIED WITH PLUMBING INSPECTION CAMERA IN FIELD BEFORE STARTING WORK. THE EXACT LOCATIONS, SIZES AND INVERTS SHALL BE VERIFIED WITH PLUMBING INSPECTION CAMERA. PLUMBING INSPECTION CAMERA MUST BE INCLUDED IN BID PROCESS. PLUMBING INSPECTION CAMERA WORK MUST BE DONE BEFORE DIGGING, TRENCHING EXCAVATION WORK CAN BE STARTED.

PIPING LEGEND:

GW	NEW GREASE PIPING
	NEW SEWER PIPING
ES	EXIST. SEWER PIPING
T	NEW TEMPERED WATER PIPING
	NEW COLD WATER PIPING
EGW	EXIST. GREASE WASTE PIPING
	NEW HOT WATER PIPING
EHWR	EXIST. HOT WATER RETURN
ECW	EXIST. COLD WATER PIPING
EHW	EXIST. HOT WATER PIPING
	NEW NATURAL GAS PIPING
ENG	EXIST. N.G. PIPING
VPE	EXIST. VENT PIPING
X	PIPING TO BE ABANDONED. SEE DEMOLITION NOTES, SHEET PD1.

NOTE:
THIS PROJECT IS A RENOVATION OF AN EXISTING FACILITY AND OF NECESSITY, PREVIOUS RECORD DRAWINGS DATED 1992, 2001, 2006 FORM THE BASIS FOR MANY OF THESE DRAWINGS. IT IS THEREFORE EVEN MORE IMPORTANT THAN IN NEW CONSTRUCTION THAT ALL DIMENSIONS SHALL BE FIELD VERIFIED BEFORE FABRICATION OR PURCHASE OF DIMENSION CRITICAL EQUIPMENT, MATERIALS, AND ASSEMBLIES. THERE MAY EXIST FIELD CONDITIONS NOT ACCESSIBLE DURING DESIGN WHICH DIFFER FROM THOSE SHOWN ON THE DRAWINGS. ANY SUCH DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND KROGER PROJECT MANAGER FOR RESOLUTION BEFORE PROCEEDING WITH ANY CONSTRUCTION, FABRICATION, OR MATERIAL/EQUIPMENT PURCHASES WHICH WOULD BE UNUSABLE UNDER THOSE CIRCUMSTANCES.

NOTE
SEE SHEET PD1.1 FOR DEMOLITION PLAN.

POINT OF CONNECTION

= POINT OF CONNECTION FOR NEW PIPING. CONNECT NEW PIPING TO EXISTING PIPING, VERIFY EXACT SIZE, LOCATION & INVERT IN FIELD BEFORE STARTING WORK.

HUB DRAIN NOTE:
VERIFY EXACT LOCATION OF EXISTING HUB DRAINS IN FIELD. RELOCATE UP TO 4'-0" MAX.

REFERENCE DETAILS:
PSD-1, 2, 5A, 5S, 7, 16A, 16B, 21, 23, 35, 55, PISD-1, 2

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DATE: See Border
DESIGN BY: GTB DRAWN BY: DG
APPROVED BY: JGC

JGC
Jon G. Crye
Consulting Engineer
201 SHERLAKE LANE SUITE 101
KNOXVILLE, TENNESSEE
37922
PHONE: (865)-588-5348 FAX: (865)-247-0293
FILE NAME: 17248

D&E
DOLLAR & EWERS
ARCHITECTURE, INC.
411 E. Jackson Avenue • Suite 201
Knoxville, Tennessee • 37915
phone 865-546-5514 • fax 865-673-9028
e-mail: design@dollar-ewers.com

REGISTERED PROFESSIONAL ENGINEER No. 27201 JONATHAN G. CRYE
17248 – Kroger 414, GA

NO.	REVISIONS

A With-in-the-Walls Remodel for:
KROGER STORE #GA-414
4355 WASHINGTON ROAD, EVANS, GEORGIA 30809

WASTE AND VENT PLAN

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