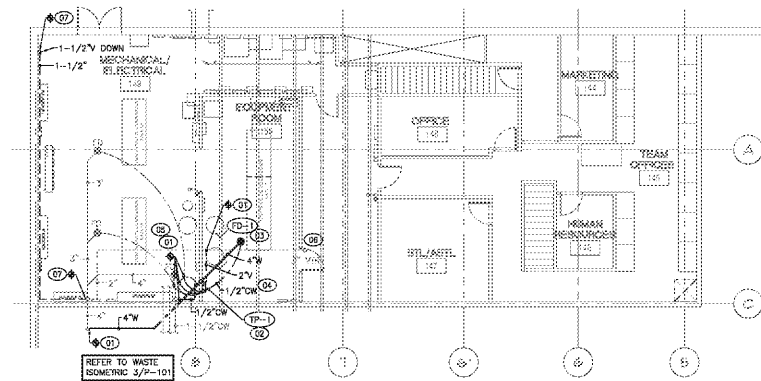


1 MEZZANINE PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES (01) (DEMOLITION)

01 REMOVE TRAP PRIMER AND ALL ASSOCIATED WATER PIPING TO POINT WHERE NEW PIPING CAN BE CONNECTED.

02 REMOVE VENT PIPING AS REQUIRED IN ORDER TO LOWER HEIGHT OF TOP OF PIPING.



2 MEZZANINE PLUMBING RENOVATION PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES (01) (RENOVATION)

01 CONNECT TO EXISTING PIPING, VERIFY SIZE, LOCATION AND INVERT.

02 MOUNT ON WALL IN ACCESSIBLE LOCATION, COORDINATING WITH EXISTING CONDITIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

03 COORDINATE LOCATION WITH REFRIGERATION RACK LOCATION AND EXISTING/NEW FLOOR STRUCTURE.

04 ROUTE 1/2" CW PIPING BELOW FLOOR TO NEW FLOOR DRAIN.

05 ROUTE 1/2" CW PIPING BELOW FLOOR, CONNECT TO EXISTING PIPING CONNECTED TO EXISTING FLOOR.

06 PLUMBING CONTRACTOR TO CONFIRM LOCATION OF EXISTING VENT THROUGH ROOF AND COORDINATE LOCATION WITH NEW WORK IN ORDER TO MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM ANY OUTDOOR AIR INTAKE, UNLESS OTHERWISE NOTED.

07 CONNECT VENT PIPING EXISTING SO THAT TOP OF MAXIMUM 24" AFF.

PLUMBING LEGEND

ABBREVIATION	DESCRIPTION
AFG	ABOVE FINISHED GRADE
BF	BELOW FINISHED GRADE
BFG	BELOW FINISHED GRADE
BFF	BELOW FINISHED GRADE
BFP	BACKFLOW PREVENTER
CV	CLEANOUT VALVE
CD	CLEANOUT
CP	CIRCULATING PUMP
CL	EQUIVALENT LENGTH
FCD	FLOOR CLEANOUT
GA	GRADE
GOC	GRADE CLEANOUT
GM	GALLONS PER MINUTE
GW	GREASE WASTE
HW	INDIRECT WASTE
HW	INDIRECT WASTE
MTS	NOT TO SCALE
MTS	THEOSTATIC MIXING VALVE
UN	UNLESS OTHERWISE NOTED
VW	VENT THROUGH ROOF
WCD	WALL CLEANOUT
WF	WATER FLEX
WH	WATER HEATER

SYMBOL	DESCRIPTION
---	EXISTING VENT PIPING
---	EXISTING SANITARY PIPING
---	EXISTING COLD WATER PIPING (CW)
---	EXISTING HOT WATER PIPING (HW)
---	EXISTING REDCIRCULATING WATER LINE (RWR)
---	VENT PIPING (V)
---	SANITARY PIPING (S)
---	COLD WATER PIPING (CW)
---	BALL VALVE
---	BRANCH-BOTTOM CONNECTION
---	BRANCH-TOP CONNECTION
---	PIPE RISE
---	PIPE DROP
---	FLOOR DRAIN (FD)
---	NEW BRANCH-TOP CONNECTION
---	PLUMBING FEATURE DESCRIPTION
---	KEYED NOTES
---	HATCHED AREAS: ALL FIXTURES TO BE REMOVED TO BE RELOCATED

GENERAL NOTES

DRAWINGS ARE SCHEMATIC IN NATURE SHOWING GENERAL ROUTING OF PIPING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETELY COORDINATE HIS WORK WITH ALL TRADES. OBJECTS REQUIRED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

ALL PLUMBING PIPING SHALL BE RUN CONCEALED IN WALLS, ABOVE CEILING OR BELOW SLAB UNLESS OTHERWISE NOTED.

KEEP ALL BELOW FLOOR PIPING CLEAR OF FOOTINGS AND OTHER STRUCTURAL ELEMENTS.

BEFORE INSTALLATION AND DIRECTION OF PIPING, VERIFY ALL DIMENSIONS AND ROUTING IN THE FIELD. ESTABLISH SLOPES AND INVERT ELEVATIONS BEFORE ANY PIPE IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED.

ALL PIPING SHALL BE NEW, CLEAN AND FREE FROM SCALE AND DIRT AT THE TIME OF INSTALLATION. CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL PIPING REMAINS CLEAN AND FREE OF DIRT, SAND, DEBRIS, ETC. ONCE INSTALLED.

PROVIDE FINAL CONNECTION TO ALL EQUIPMENT FURNISHED BY OWNER AND OTHERS. COORDINATE ROUGH-IN WITH ALL OTHER TRADES AND EQUIPMENT MANUFACTURERS.

CONTRACTOR SHALL INSTALL PLUMBING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSTALL FIXTURES COMPLETE WITH ALL ACCESSORIES NECESSARY FOR THE FULL OPERATION OF THE FEATURE.

CONTRACTOR SHALL RENEW ALL EXISTING CONDITIONS TO COMING WORK.

ALL PIPE PENETRATIONS IN METAL STUDS, REFRIGERATED BOXES, WALLS, ETC. TO BE SEALED (ALL SIDES) TO PREVENT LEAKS.

PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND JURISDICTIONS. AUTHORITIES HAVING JURISDICTION AND AS OTHERWISE REQUIRED BY APPLICABLE CODES.

MAINTAIN WATER SUPPLY AND VENT PIPING TO BE INSTALLED WITHIN ANY EXISTING UTILITY CHASES OR TRAYS. VERIFY EXISTING PIPING WITH EXISTING CONTRACTOR PRIOR TO INSTALLATION.

DATE ALL VALVES FOR ACCESSIBILITY. VALVES LOCATED ABOVE SLABS TO BE INSTALLED WITHIN UTILITY CHASES.

INSTALL ALL WALL FINISHES WITHIN THE BUILDING INSULATION ENVELOPE.

PLUMBING SPECIFICATIONS

GENERAL

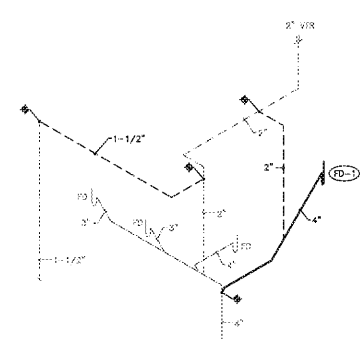
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT PLUMBING CODES AND STATE AND LOCAL CODES.
2. ALL NECESSARY FEES TO BE INCLUDED IN THIS PHASE OF CONSTRUCTION.
3. ALL WORK SHALL BE PERFORMED BY LICENSED PLUMBERS/MECHANIACS FOLLOWING APPLICABLE CODES.
4. MATERIALS, FIXTURES, EQUIPMENT AND PIPING SYSTEMS SHALL BE NEW AND, AS NOTED, WARRANTEED. COMPLETE WITH ALL ACCESSORIES, VALVES, HANGERS, SEALS, ETC. FOR WORKING SYSTEM.

PERMITS AND FEES

1. PIPING FOR WATER TO BE TYPE "1" COPPER (ASTM B-88) WITH CAST BRONZE FITTINGS. PIPE TO BE INSULATED WITH 1" THICK GLASS FIBER LOW PRESSURE INSULATION WITH UNIVERSAL WARDER BARBER SACKET WITH SELF-SEALING JOINTS. INSULATION TO BE AS MANUFACTURED BY LOUISVILLE OR OWING CORNING. INSULATE FITTINGS AND VALVES WITH MOLDED GLASS FIBER INSULATION TO SAME THICKNESS AS PIPE INSULATION. WATER PIPING INSTALLED BELOW CONCRETE FLOOR TO BE INSULATED WITH 3/4" THICK POLYETHYLENE INSULATION WITH ENDS SEALED PER MANUFACTURER. INSTALL 8" GRAVEL FILL AREA BELOW SLAB.
2. SPECIFIED TYPE VALVES ALL PROPERLY INSTALLED.
3. SHUT OFF VALVES TO BE 800 PSI (DWP) BRONZE BODY FULL OPEN TYPE BALL VALVES, UL LISTED, 1/2" OR EQUAL.
4. WASTE AND VENT PIPING TO BE CAST IRON OR SCHEDULE 40 PVC (ASTM D2865) (IF LOCALLY PROVIDED) AND CORE NOT ALLOWED FOR WASTE AND VENT PIPING.
5. SUPPORT ALL PIPING WITH SUBSTANTIAL HANGERS AND SUPPORTS AND PROVIDE WITH 1/2" LONG GALVANIZED METAL SHIELDS AS REQUIRED. PIPE HANGERS BY G-LINE OR EQUAL. SHIELD PER MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODES. WIRE OR STRAP HANGERS ARE NOT ALLOWED.
6. COORDINATE ALL PLUMBING WITH ALL OTHER TRADES FOR PROPER OPENINGS, CLEARANCES AND MATERIALS.
7. THE STANDARD ONE YEAR GUARANTEE ON PARTS AND LABOR.
8. ALL PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRESTOPPED PER NFPA.

SHOP DRAWINGS

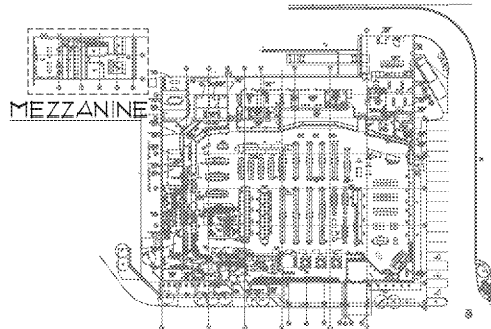
1. THE CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL MAJOR EQUIPMENT TO BE CONSTRUCTED AND/OR PURCHASED AND INSTALLED ON THIS PROJECT.
2. SUBMIT COMPLETE INFORMATION INCLUDING CATALOG DATA, ENGINEERING PERTINENT DIMENSIONS, CAPACITIES, ETC.
3. ALL EQUIPMENT PROPOSED TO BE PROPERLY CHECKED AND COORDINATED WITH OTHER TRADES BEFORE SUBMITTAL.
4. SUBMISSION MUST BE MADE WITHIN THIRTY (30) CALENDAR DAYS AFTER AWARD OF THE PLUMBING CONTRACT.
5. THE REQUIRED SHOP DRAWINGS TO INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 - A. PIPING (ALL APPLICATIONS)
 - B. PLUMBING FIXTURES



3 WASTE ISOMETRIC
NOT TO SCALE

PLUMBING SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	SIZE	MANUFACTURER	WASTE	TRAP	VENT	CW	HW	REMARKS
TP-1	TRAP PRIMER VALVE	PPF, INC.	1/2"	MPF-200-115V	-	-	-	1/2"	-	MINI PRIME WITH BOX, 120V/60HZ/1PH, 6.3 WATTS, ASSE 1044. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
FD-1	FLOOR DRAIN MECHANICAL ROOMS	ZURN	7 1/2"	ZN-415-78-P	-	-	-	-	-	WITH 1/2" TRAP PRIMER CONNECTION. SEE DRAWINGS FOR OUTLET SIZES.



4 KEY PLAN
NOT TO SCALE

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WHOLE FOODS MARKET
REFRIGERATION RACK UPGRADE
PATRIOTS PLAZA SHOPPING CENTER
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DATE: JUNE 22, 2020
SCALE: AS SHOWN
DATE: JUNE 22, 2020
FOR CONSTRUCTION

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CONTENTS:
PLUMBING FLOOR PLANS

SHEET P-101