

FOOD SERVICE NOTES

- ALL PIPING CONNECTIONS SHOWN ARE APPROXIMATE ONLY. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE FOOD SERVICE CONTRACTOR FOR THE EXACT LOCATIONS AND REQUIREMENTS OF ALL PIPING DROPS AND FINAL CONNECTIONS, AS WELL AS ALL VALVES. THIS SHALL BE DONE PRIOR TO ANY INSTALLATION OF ANY PLUMBING SYSTEMS ASSOCIATED WITH THE FOOD SERVICE.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL PLUMBING CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT REQUIRING PLUMBING. ALL FINAL CONNECTIONS SHALL BE COORDINATED WITH THE FOOD SERVICE CONTRACTOR PRIOR TO INSTALLATION. ALL FINAL PLUMBING CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT SHALL BE IN ACCORDANCE WITH THAT EQUIPMENT'S MANUFACTURER'S RECOMMENDATIONS.
- THE TERM "FOOD SERVICE EQUIPMENT" SHALL INCLUDE ALL FIXTURES, FAUCETS, SINKS, COOKING EQUIPMENT, ICE MAKERS, COFFEE MAKERS AND ANY EQUIPMENT OR FIXTURE OR FAUCET IN THE FOOD SERVICE THAT REQUIRES PLUMBING CONNECTIONS.
- ALL FINAL WATER CONNECTIONS SHALL BE PROVIDED WITH SHUT OFF VALVES OR SERVICE STOPS
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL FOOD SERVICE EQUIPMENT DRAWINGS AND CUTSHEET INFORMATION AND TO PERFORM ALL COORDINATION WITH THE FOOD SERVICE CONTRACTOR AND FOOD SERVICE EQUIPMENT VENDORS SO AS TO FAMILIARIZE HIMSELF WITH EVERY PIECE OF FOOD SERVICE EQUIPMENT REQUIRING PLUMBING CONNECTIONS. ALL FINAL CONNECTIONS POINTS, VALVE REQUIREMENTS AND DIMENSIONS SHALL BE DETERMINED AS A RESULT OF THIS COORDINATION. THE PLUMBING DRAWINGS SHALL NOT BE USED FOR DIMENSIONING OF ANY DRAINS, VENTS OR WATER PIPING.
- THE PLUMBING CONTRACTOR SHALL RUN ALL INDIRECT WASTE PIPING FROM FOOD SERVICE EQUIPMENT TO INDIRECT WASTE AT FLOOR DRAINS AND FLOOR SINKS. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE FOOD SERVICE CONTRACTOR FOR ALL REQUIRED INDIRECT WASTE DRAINS. INDIRECT WASTE PIPING FROM FOOD SERVICE EQUIPMENT MAY BE COPPER OR PVC AS APPROVED BY THE STATE PLUMBING CODE.
- ALL FLOOR DRAIN AND FLOOR SINK LOCATIONS SHOWN ARE APPROXIMATE ONLY AND SHALL NOT BE USED BY THE PLUMBING CONTRACTOR FOR THE ACTUAL FLOOR DRAIN AND FLOOR SINK INSTALLATIONS. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR THE EXACT LOCATIONS AND TYPES OF ALL FLOOR DRAINS AND FLOOR SINKS.
- PRIOR TO THE COMMENCEMENT OF ANY PLUMBING WORK, THE PLUMBING CONTRACTOR SHALL COORDINATE A MEETING WITH THE FOOD SERVICE CONTRACTOR AND CONSULTANT, THE ARCHITECT, THE OWNER'S REPRESENTATIVE AND THE OWNER. THE PURPOSE OF THE MEETING WILL BE FOR THE PLUMBING CONTRACTOR TO PRESENT THE PROPOSED LOCATIONS OF ALL FLOOR PENETRATIONS AND UNDERFLOOR PIPING TO THE OWNER AND TO COORDINATE THE LOCATIONS OF ALL FLOOR PENETRATIONS AND UNDERFLOOR PIPING THAT WILL BE INSTALLED INTO THE SPACE BELOW THE FOOD SERVICE FLOOR. NO PLUMBING WORK SHALL BEGIN UNTIL THE OWNER HAS REVIEWED AND APPROVED ALL FLOOR PENETRATIONS AND UNDERFLOOR PIPING INSTALLATIONS.
- ALL FOOD SERVICE EQUIPMENT, FIXTURES AND FAUCETS SHALL BE FURNISHED BY OTHERS. ALL EQUIPMENT AND FIXTURES SHALL BE INSTALLED BY OTHERS. ALL FAUCETS FOR FIXTURES AND EQUIPMENT SHALL BE INSTALLED BY THE PLUMBING CONTRACTOR. ALL FAUCET AND FIXTURE TRIM, DRAINS, WASTES, SERVICE STOPS, P-TRAPS, WASTE ARMS, WATER SUPPLIES, SINK STRAINERS, TAILPIECES AND ALL PLUMBING TRIM ASSOCIATED WITH FOOD SERVICE FIXTURES, FAUCETS AND EQUIPMENT INCLUDING ALL FINAL CONNECTIONS SHALL BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR
- THE PLUMBING CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE INSTALLATION OF ALL FOOD SERVICE SINKS, FAUCETS AND ALL EQUIPMENT REQUIRING PLUMBING CONNECTIONS

SPECIFICATIONS

- CAREFULLY COORDINATE LOCATION OF PIPING WITH ALL OTHER TRADES AND ALL CONDITIONS AT THE SITE.
- DIELECTRIC INSULATING FITTINGS SHALL BE USED WHERE PIPES OF DISSIMILAR METALS ARE CONNECTED, AND AT THE WATER HEATERS
- PROVIDE ACCESSIBLE CLEANOUTS AT THE BASE OF ALL STACKS, AS SHOWN, AND AS REQUIRED.
- ALL PIPING SHALL BE NEW, INSTALLED PARALLEL TO BUILDING LINES AND PITCHED TO LOW POINTS
- CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CONDITIONS AND COORDINATE BEST ROUTE OF NEW PIPING AND LOCATIONS OF NEW EQUIPMENT IN COORDINATION WITH THE WORK OF ALL OTHER TRADES AND ALL CONDITIONS TO INSURE THAT ALL WORK WILL FIT IN THE SPACE WITH NO INTERFERENCES
- ALL NEW SYSTEMS SHALL BE TESTED, BALANCED AND ADJUSTED TO INSURE PROPER OPERATION AND CODE COMPLIANT INSTALLATION PIPING AND EQUIPMENT SHALL BE TESTED IN ACCORDANCE WITH THE STATE PLUMBING CODE
- BAND HANGERS SHALL BE USED TO SUPPORT PIPING. PIPE SHIELDS SHALL BE INSTALLED TO PROTECT AGAINST DAMAGE TO THE PIPE INSULATION. 3/8" RODS SHALL BE USED.
- ALL COLD WATER, HOT WATER, HOT WATER RETURN AND NON-POTABLE WATER PIPING SHALL BE INSULATED WITH 1" FIBERGLASS INSULATION WITH FACTORY APPLIED JACKET. ALL FITTINGS AND VALVES SHALL BE PROVIDED WITH INSULATION AND WHITE PREMOLDED PVC INSULATION COVERS. ALL WATER PIPING MAINS AND BRANCH RUNOUTS THAT ARE EXPOSED SHALL BE COVERED WITH WHITE PVC PIPE COVERS. THIS SHALL INCLUDE ALL FITTINGS AND VALVES. ALL FITTINGS AND VALVES SHALL BE PROVIDED WITH INSULATION AND WHITE PREMOLDED PVC INSULATION COVERS
- ALL GAS PIPE 2" AND SMALLER SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED ENDS AND SCREW FITTINGS. ALL GAS PIPE LARGER THAN 2" SHALL BE SCHEDULE 40 BLACK STEEL WITH PLAIN ENDS AND WELDED FITTINGS. THE PLUMBING CONTRACTOR SHALL OBTAIN PERMITS FOR ALL WELDING WORK PRIOR TO ANY WELDING AT THE SITE
- ABOVE GROUND WATER AND INDIRECT WASTE PIPING SHALL BE TYPE "L" COPPER WITH SOLDER JOINTS USING 95/5 SOLDER. DRAIN AND VENT PIPING 2" AND SMALLER SHALL BE TYPE "L" COPPER WITH SOLDER JOINTS AND DRAINAGE PATTERN FITTINGS. BELOW GROUND WATER PIPING SHALL BE TYPE "K" COPPER WITH SILVER SOLDER JOINTS, FLARED END JOINTS OR OTHER PLUMBING CODE APPROVED FITTINGS.
- BALL VALVES SHALL BE FULL PORT WITH STAINLESS STEEL BALL AND STEM WITH SOLDER OR THREADED FITTINGS AS APPLICABLE
- DRAIN AND VENT PIPING BELOW GRADE AND WITHIN THE BUILDING SHALL BE PVC SCHEDULE 40 SOLID WALL PIPE AND PVC DRAINAGE FITTINGS JOINED BY SOLVENT WELDING.
- THE CONTRACTOR SHALL BE CAREFUL TO INSURE THAT NO CROSS CONNECTIONS ARE MADE BETWEEN THE POTABLE WATER SUPPLY AND ALL SOURCES OF CONTAMINATION OR CROSS CONNECTION.
- ALL PIPING MATERIALS, FITTINGS VALVES UNIONS, HANGERS, EQUIPMENT, INSTALLATION AND ALL ASPECTS OF THE PLUMBING WORK SHALL BE AS APPROVED BY THE PLUMBING AND FUEL GAS CODES
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS AND FLOORS TO ACCOMMODATE INSTALLATION OF NEW PIPING AND EQUIPMENT. CONTRACTOR SHALL PATCH ALL SURFACES TO MATCH THE EXISTING CONDITIONS AND TO THE SATISFACTION OF THE ARCHITECT.
- ALL VALVES INDICATED SHALL BE BY CONBRAC OR EQUAL.
- INSTALL SHOCK ABSORBERS BY PRECISION PLUMBING PRODUCTS AT ENDS OF HOT AND COLD WATER PIPING RUNS BELOW THE LAST FIXTURE
- ALL CLEANOUTS SHALL BE BY ZURN WITH BRONZE PLUGS.
- ALL EXPOSED PIPING, VALVES AND FITTINGS AT THE FIXTURES SHALL BE CHROME FINISH
- ALL VALVES SHALL BE PROVIDED WITH TAGS, ALL PIPING SHALL BE LABELED WITH ADHESIVE DECALS PER ASME AND STATE PLUMBING CODE STANDARDS.
- PROVIDE SERVICE STOPS FOR ALL FIXTURES
- SUBMIT SHOP DRAWINGS FOR ALL PLUMBING FIXTURES, TRIM, VALVES, PIPING, INSULATION, EXTERIOR HOSE BIBBS FLOOR DRAINS, CLEANOUTS. ALL SHOP DRAWINGS SHALL HAVE THE APPROVAL OF THE ENGINEER PRIOR TO PURCHASE AND INSTALLATION OF ANY PLUMBING SYSTEMS.
- PROVIDE "P" TRAPS FOR ALL PLUMBING FIXTURE DRAINS
- HOSE BIBBS SHALL BE 1/2" CHROME FINISH WITH LOOSE KEY HANDLE AND 3/4" VACUUM BREAKER HOSE END CONNECTION.
- NON-FREEZE WALL HYDRANTS SHALL BE FLUSH MOUNTED WOODFORD MODEL 65 WITH ANTI SIPHON VACUUM BREAKER AND HOSE THREAD CONNECTION
- ALL SHOCK ABSORBERS AND TRAP PRIMERS SHALL BE BY PRECISION PLUMBING PRODUCTS OR EQUAL
- THE DRAWINGS ARE DIAGRAMMATICAL ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT ROUTE OF ALL PIPING, IN THE FIELD AND IN CONJUNCTION WITH COORDINATION OF ALL EXISTING CONDITIONS, NEW CONSTRUCTION, AND COORDINATION WITH ALL OTHER TRADES TO INSURE THE ALL OF THE PLUMBING SYSTEMS WILL FIT INTO THE SPACE WITH NO INTERFERENCES BETWEEN ANY EXISTING OR NEW CONDITIONS AND ANY OTHER TRADES.
- SHUT OFF VALVES ON GAS PIPE 2" AND SMALLER SHALL BE GAS SERVICE RATED BALL VALVES, SHUT OFF VALVES LARGER THAN 2" SHALL BE IRON PLUG VALVES WITH FLANGED ENDS
- THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL GAS FIRE EQUIPMENT. ALL FINAL CONNECTIONS SHALL BE MADE WITH A SHUT OFF VALVE, UNION AND DIRT LEG
- DIRT LEGS SHALL BE PROVIDED AT THE BASE OF ALL VERTICAL GAS PIPING.
- THE LOCATIONS OF ALL GAS FIRED EQUIPMENT AND THE GAS CONNECTIONS ARE APPROXIMATE ONLY AND SHALL BE DETERMINED IN THE FIELD. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE HVAC CONTRACTOR FOR LOCATIONS OF ALL GAS FIRED EQUIPMENT AND THE GAS CONNECTION LOCATIONS.
- THE PLUMBING CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE INSTALLATION OF ALL SINKS, FAUCETS AND ALL EQUIPMENT REQUIRING PLUMBING CONNECTIONS
- ALL WATER PIPING SHALL BE TESTED FOR COLIFORM BY A LICENSED TESTING LAB. A CERTIFIED REPORT FROM THE LAB SHALL BE SUBMITTED TO THE STATE PLUMBING INSPECTOR FOR REVIEW AND APPROVAL. THIS SHALL BE DONE AND APPROVAL SHALL BE OBTAINED FROM THE INSPECTOR PRIOR TO FINAL ACCEPTANCE OF THE PLUMBING WORK
- THE PLUMBING CONTRACTOR SHALL SUBMIT MANUFACTURERS SHOP DRAWINGS FOR ALL PROPOSED PLUMBING FIXTURES, MATERIALS, VALVES AND EQUIPMENT SHALL BE SUBMITTED TO THE PLUMBING ENGINEER FOR APPROVAL. WRITTEN APPROVAL OF ALL PROPOSED PLUMBING FIXTURES, MATERIALS, VALVES AND EQUIPMENT SHALL BE RECEIVED FROM THE PLUMBING ENGINEER PRIOR TO THE COMMENCEMENT OF ANY PLUMBING WORK.
- TRAP PRIMER SHALL BE PRECISION PLUMBING PRODUCTS PRIME PRO PRO1-ULP500 FLOOR DRAIN TRAP PRIMER VALVE.

DOMESTIC HOT WATER HEATER SCHEDULE

TAG No.	MANUFACTURER	TYPE	TANK STORAGE (gal.)	ELECT. INPUT (volts)	PERFORMANCE	REMARKS
HWH-1	BRADFORD WHITE LOWBOY, MODEL M-2-40L6DS	ELECT	40	208v 1PHASE 5.0KW	23 GPH RECOVERY @ 90°F RISE	PROVIDE VACUUM RELIEF, PRESSURE AND TEMPERATURE RELIEF VALVE PROVIDE ALL CONTROLLER(S) AND ASSOCIATED WIRING. WATER HEATER SHALL BE ASME RATED.
HWH-2	BRADFORD WHITE WALL HUNG, MODEL LD-WH12U3-1	ELECT	12	208v 1PHASE 3.0KW	14 GPH RECOVERY @ 90°F RISE	PROVIDE VACUUM RELIEF, PRESSURE AND TEMPERATURE RELIEF VALVE PROVIDE ALL CONTROLLER(S) AND ASSOCIATED WIRING. WATER HEATER

- HOT WATER SHALL BE PRODUCED AT 140° F FOR HWH-1 & 110° F FOR HWH-2
- PROVIDE STARTUP BY FACTORY CERTIFIED TECHNICIAN AND STANDARD MANUFACTURERS WARRANTY
- WATER HEATER SHALL COME COMPLETE WITH TEMPERATURE AND PRESSURE RELIEF VALVE AND TANK DRAIN VALVE
- PROVIDE VACUUM BREAKER RELIEF VALVE(S) AS REQUIRED BY THE INTERNATIONAL PLUMBING CODE. VACUUM BREAKERS SHALL BE INSTALLED IN MULTIPLE IF REQUIRED
- ALL DOMESTIC HOT WATER HEATING COMPONENTS SHALL COME ASME APPROVED

GREASE INTERCEPTOR SCHEDULE

TAG No.	MANUFACTURER	GPM	GREASE CAPACITY	REMARKS
G1	ASHLAND POLYTRAP MODEL 4825 3" INLET/OUTLET	25	60 LBS.	THE GREASE INTERCEPTOR SHALL BE RECESSED INTO THE FINISH FLOOR. PROVIDE ALL REQUIRED CHANNEL STEEL SUPPORT FRAMING AND THE ROD SUPPORTS. FABRICATE IN FIELD

ABBREVIATION

ABBREVIATION	DESCRIPTION	TYPE	TYPICAL
AFF	ABOVE FINISH FLOOR		
BLDG	BUILDING	VTR	VENT THROUGH ROOF
CW	COLD WATER	W/	WITH
DCO	DANDY (RISER) CLEANOUT	WH	NON-FREEZE WALL HYDRANT
DN	DOWN	DCO	DANDY (RISER) CLEANOUT
DWG	DRAWING	HW	HOT WATER
ECO	END CLEANOUT	V	VENT
P.#	FIXTURE NUMBER	SAN	SANITARY
P.C.	PLUMBING CONTRACTOR	SD	STORM DRAIN
FCO	FLOOR CLEANOUT	IW	INDIRECT WASTE
G	NATURAL GAS	YH	OUTSIDE NON-FREEZE YARD HYDRANT
GC	GENERAL CONTRACTOR	NTS	NOT TO SCALE

PLUMBING GENERAL LEGEND

FW	FW	NEW FILTERED COLD WATER ABOVE FLOOR
HWR	HWR	NEW 140°F HOT WATER RETURN ABOVE FLOOR
HW	HW	NEW 140°F HOT WATER ABOVE FLOOR
CW	CW	NEW COLD WATER ABOVE FLOOR
HW	HW	NEW 140°F HOT WATER BELOW FLOOR
CW	CW	NEW COLD WATER BELOW FLOOR
EXCW	EXCW	EXISTING COLD WATER ABOVE FLOOR
FS	FS	FLOOR DRAIN OR FLOOR SINK AS NOTED
FCO	FCO	FLUSH FLOOR CLEANOUT
		NEW SANITARY PIPING BELOW THE FLOOR AS INDICATED
SAN	SAN	SANITARY ABOVE FLOOR
ECO	ECO	END CLEANOUT BELOW FLOOR
G	G	NEW NATURAL GAS PIPING ABOVE FLOOR
GW	GW	NEW GREASE WASTE PIPING ABOVE THE FLOOR AS INDICATED
GW	GW	NEW GREASE WASTE PIPING ABOVE THE FLOOR AS INDICATED
IW	IW	INDIRECT WASTE PIPING ABOVE FLOOR
V	V	VENT ABOVE FLOOR
V	V	VENT UNDERGROUND OR BELOW FLOOR
		FLEXIBLE GAS CONNECTION TO EQUIPMENT
		NATURAL GAS SERVICE BALL VALVE
		WATER SERVICE BALL VALVE
		CAPPED PIPE
		ELBOW UP OR RISE
		ELBOW DOWN OR DROP
		UNION
		DOMESTIC WATER METER
		GREASE INTERCEPTOR SET ON FLOOR AND AS INDICATED
		TRAP PRIMER PIPING BELOW FLOOR

PLUMBING FIXTURE SCHEDULE

TAG No.	FIXTURE	COLD WATER(in)	HOT WATER(in)	SAN (in.)	VENT (in.)	REMARKS
P-1	WATER CLOSET	1 1/2"	-	4"	2"	SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR REFER TO "RESPONSIBILITY MATRIX" ON ARCHITECTURAL DRAWINGS FOR SPECIFICATION
P-1A	WATER CLOSET HANDICAP ACCESSIBLE	1 1/2"	-	4"	2"	
P-2	LAVATORY	1/2"	1/2"	2"	2"	
P-2A	LAVATORY HANDICAP ACCESSIBLE	1/2"	1/2"	2"	2"	
P-3	URINAL	1"	-	2"	2"	
P-3A	URINAL HANDICAP ACCESSIBLE	1"	-	2"	2"	
P-4	MOP BASIN	1/2"	1/2"	3"	2"	
P-5	DRINKING FOUNTAIN	1/2"	-	2"	2"	

- ALL HANDICAP ACCESSIBLE FIXTURES SHALL BE ADA AND AAB COMPLIANT
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL FIXTURE INSTALLATION DIMENSIONS WITH THE ARCHITECTURAL DETAILS ON THE ARCHITECTURAL DRAWINGS
- ALL PLUMBING FIXTURES, FAUCETS, AND FLUSH VALVES SHALL BE FIELD ADJUSTED TO INSURE PROPER AND CODE COMPLIANT OPERATION FOR TEMPERATURE AND FLOW.
- ALL P-2 FAUCETS SHALL BE FIELD ADJUSTED TO LIMIT THE HOT WATER TEMPERATURE FROM THE FAUCET TO A MAXIMUM OF 110°F.
- PROVIDE SERVICE STOPS FOR ALL FIXTURES. ALL EXPOSED WATER AND WASTE PIPING ASSOCIATED WITH FIXTURES SHALL BE CHROME FINISH. PROVIDE ALL SUPPLIES, SERVICE STOPS, TAILPIECES AND TRAPS FOR FIXTURES AS REQUIRED. PROVIDE ALL FINAL CONNECTIONS.

FLOOR DRAIN SCHEDULE

TAG No.	TYPE	STYLE	OUTLET	STRAINER TOP	REMARKS	MANUFACTURER
FS1	ACID RESISTANT COATED FLOOR DRAIN	NO-HUB	4"	8" ROUND	CAST IRON BODY WITH FLASHING COLLAR, SEEPAGE HOLES, PROVIDE FULL GRATE ACID RESISTANT COATED	SIMILAR TO J.R. SMITH 3020-Y-LXH WITH FULL GRATE AND ACID RESISTANT COATED
FS2	ACID RESISTANT COATED FLOOR DRAIN	NO-HUB	4"	8 1/2" ROUND	CAST IRON BODY WITH FLASHING COLLAR, SEEPAGE HOLES, PROVIDE 1/2 GRATE ACID RESISTANT COATED	SIMILAR TO J.R. SMITH 3040-Y-LXH-13 WITH DOME STRAINER AND HALF GRATE. OPEN SIDE OF OF GRATE SHALL BE FACING BACKWALL
FD1	FLOOR DRAIN LIGHT DUTY	NO-HUB	4"	8" ROUND	CAST IRON BODY WITH FLASHING COLLAR, SEEPAGE HOLES, PROVIDE FULL GRATE ACID RESISTANT COATED	SIMILAR TO J.R. SMITH 2010-Y-LXH WITH FULL GRATE PROVIDE FUNNEL WHERE APPLICABLE PROVIDE TRAP GUARD DRAIN INSERT WHERE APPLICABLE

GENERAL NOTES

- ALL PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE PLUMBING AND FUEL GAS CODE
- CAREFULLY COORDINATE LOCATION OF PIPING WITH ALL OTHER TRADES AND ALL EXISTING CONDITIONS
- ALL PIPING SHOWN DIAGRAMMATICALLY AND ALL EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD
- ALL PIPING SHALL BE RUN CONCEALED ABOVE CEILING, IN WALLS AND IN CHASES WHEREVER POSSIBLE
- NO STRUCTURAL MEMBERS SHALL BE CUT
- ALL PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURE.
- RUN ALL WATER PIPE WITHIN THE THERMAL BARRIER OF THE BUILDING. WATER PIPING IN EXTERIOR WALLS SHALL BE RUN INBOARD OF ALL INSULATION.
- PROVIDE DRAW OFFS WITH BALL VALVE, HOSE END VACUUM BREAKER, CAP & CHAIN AT ALL DOMESTIC WATER LOW POINTS AND PITCH PIPING TO DRAIN.
- ALL SANITARY WASTE PIPING SHALL PITCH A MIN. OF 1/8" PER FT. FOR PIPING 4" & LARGER, 1/4" FOR PIPING UP TO 3". ALL VERTICAL SANITARY LINES TO BE INSULATED, INSULATION AS SPECIFIED.
- PROVIDE ACCESSIBLE CLEANOUTS AT THE BASE OF ALL STACKS, AS SHOWN, AND AS REQUIRED.
- ALL PIPING SHALL BE NEW, INSTALLED PARALLEL TO BUILDING LINES AND PITCHED TO LOW POINTS
- PLUMBING CONTRACTOR SHALL PROVIDE FIRE STOPPING FOR ALL PENETRATIONS THROUGH ALL FLOORS, FIRE WALLS AND FIRE RATED SEPARATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR THESE AREAS AND PROVIDE UNK SEAL FIRE STOPPING KITS.
- PLUMBING CONTRACTOR SHALL BE FURNISH, INSTALL AND MAINTAIN ALL SCAFFOLDING, HOISTING EQUIPMENT, DERRICKS, ETC., NECESSARY FOR INSTALLATION OF WORK.
- ALL PLUMBING PIPING AND DRAINS SHALL BE KEPT CLEAR OF BLOCKAGE WHILE CONSTRUCTION IS UNDERWAY. ALL PLUMBING PIPING SHALL BE DEBURRED BEFORE JOINTS ARE MADE.
- PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL TRADE DRAWINGS AND ALL ASPECTS OF THE WORK AND ALL CONDITIONS TO WHICH THE WORK WILL BE INSTALLED. ANY DISCREPANCIES BETWEEN THE WORK SHOWN ON THE DRAWINGS AND ANY CONDITIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING. FAILURE OF THE CONTRACTOR TO DO SO SHALL NOT CONSTITUTE AN EXTRA TO THE CONTRACT.
- DIELECTRIC INSULATING FITTINGS SHALL BE USED WHERE PIPES OF DISSIMILAR METALS ARE CONNECTED, AND AT THE WATER HEATER.
- THE INFORMATION SHOWN ON THE DRAWINGS IS GENERALLY DIAGRAMMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTES OF PIPING OR LOCATIONS OF VALVES, DRAINS, EQUIPMENT, FIXTURES OR FINAL CONNECTIONS. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO DETERMINE THE BEST ROUTES OF PIPING AND LOCATIONS OF PIPING CONNECTIONS IN THE FIELD AND IN CONJUNCTION WITH WITH COORDINATION BETWEEN ALL OTHER TRADES AT THE SITE.
- ALL NEW SYSTEMS SHALL BE TESTED, BALANCED AND ADJUSTED TO INSURE PROPER OPERATION AND CODE COMPLIANT INSTALLATION PIPING AND EQUIPMENT SHALL BE TESTED IN ACCORDANCE WITH THE STATE PLUMBING CODE
- THE CONTRACTOR SHALL BE CAREFUL TO INSURE THAT NO CROSS CONNECTIONS ARE MADE BETWEEN THE POTABLE WATER SUPPLY AND ALL SOURCES OF CONTAMINATION OR CROSS CONNECTION.
- ALL PIPING MATERIALS, FITTINGS VALVES UNIONS, HANGERS, EQUIPMENT, INSTALLATION AND ALL ASPECTS OF THE PLUMBING WORK SHALL BE AS APPROVED BY THE STATE PLUMBING CODE
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS AND FLOORS TO ACCOMMODATE INSTALLATION OF NEW PIPING AND EQUIPMENT. CONTRACTOR SHALL PATCH ALL SURFACES TO MATCH THE EXISTING CONDITIONS AND TO THE SATISFACTION OF THE ARCHITECT.
- PROVIDE SERVICE STOPS FOR ALL FIXTURES
- THE TERM "CONTRACTOR" SHALL MEAN PLUMBING CONTRACTOR
- PLUMBER SHALL FURNISH AND INSTALL ALL TRAPS, ANGLE STOPS, WASTE ARMS, STRAINERS, TAILPIECES, FIXTURE SUPPLIES AND ALL PLUMBING CONNECTIONS TO ALL PLUMBING FIXTURES REQUIRING PLUMBING AND AS REQUIRED FOR A COMPLETE PLUMBING SYSTEM.
- ALL PLUMBING FIXTURE TYPES AND LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL HAVE THE APPROVAL OF THE ARCHITECT FOR ALL PLUMBING FIXTURE TYPES, QUANTITIES AND LOCATIONS PRIOR TO PURCHASE
- THE PLUMBING CONTRACTOR SHALL CREATE A SCALE DRAWING FOR THE BUILDING SHOWING THE LOCATIONS OF ALL BACK FLOW PREVENTION DEVICES AND DETAILS OF THEIR INSTALLATION METHODS. THE PLUMBING CONTRACTOR SHALL ALSO OBTAIN MANUFACTURER CUT SHEETS OF ALL BACK FLOW PREVENTION DEVICES AND SHALL INDICATE THE SIZES AND MODEL NUMBERS BEING USED. THE PLUMBING CONTRACTOR SHALL SUBMIT THESE DRAWINGS AND CUT SHEETS TO THE LOCAL WATER AUTHORITY FOR APPROVAL. NO BACK FLOW PREVENTION DEVICE SHALL BE INSTALLED UNTIL WRITTEN APPROVAL OF ALL BACK FLOW PREVENTION DEVICES HAS BEEN OBTAINED BY THE PLUMBING CONTRACTOR FROM THE LOCAL WATER AUTHORITY.
- IN THE EVENT THAT THERE ARE DISCREPANCIES BETWEEN PIPE SIZES SHOWN ON THE PLANS VERSUS THAT SHOWN ON THE DETAILS OR RISER DIAGRAMS, THE LARGER PIPE SIZE SHALL BE FOLLOWED.
- THE PLUMBING CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE INSTALLATION OF ALL KITCHEN SINKS, FAUCETS AND ALL EQUIPMENT REQUIRING PLUMBING CONNECTIONS
- THE PLUMBING CONTRACTOR SHALL WORK IN A STRICT 1:1 LICENSED PLUMBER TO APPRENTICE RATIO. ALL WORKERS SHALL KEEP LICENSE DOCUMENTATION ON THE PERSONS AT ALL TIMES.

Project Title:
Cumberland Farms
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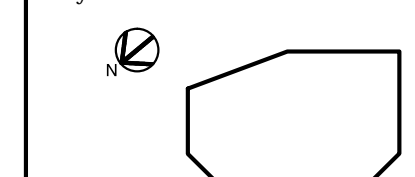
Consultant



Revisions

No.	Date	Issued for
11/22/13	90%	Review Set
01/24/14		Bid and Permit
04/07/14		ADDENDUM 02

Key Plan



Title
PLUMBING:
LEGEND, GENERAL NOTES,
SCHEDULES AND DIAGRAMS

Date

Drawing No.

P0.1

Cumberland Farms
Project No. 2113119