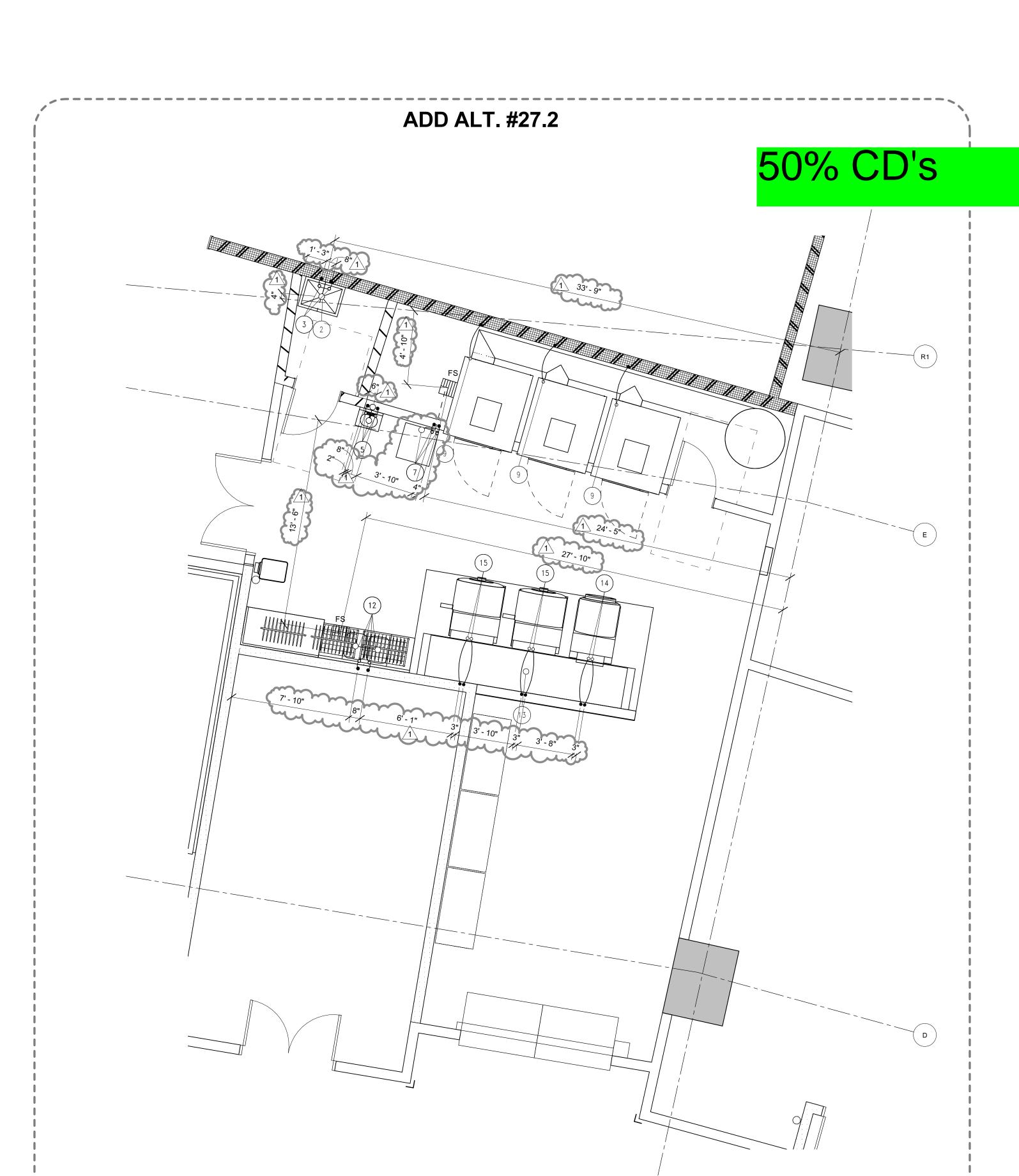
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01 - EVENT LEVEL 01.04.10 LAUNDRY PLUMBING PLAN

HOT / COLD WATER ROUGH—IN and CONNECTION DIRECT WASTE \bigcirc ROUGH-IN and CONNECTION \bigcirc – – INDIRECT WASTE FUEL GAS ROUGH—IN and CONNECTION STEAM SUPPLY ROUGH-IN and CONNECTION STEAM CONDENSATE RETURN ROUGH-IN and CONNECTION HOSE BIBB, HOT or COLD WATER HOSE BIBB, HOT and COLD WATER with MIXING VALVE and VACUUM BREAKER FLOOR SINK AND GRATE □ FD FLOOR DRAIN AFF ABOVE FINISHED FLOOR BFF BELOW FINISHED FLOOR BTC BRANCH TO CONNECTION

DROP FROM ABOVE

REFER to INDICATED NOTE

DFA

RELATED PLUMBING REQUIREMENTS PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT

A. GENERAL NOTES

 ALL WORK INDICATED ON THIS PLUMBING ROUGH—IN PLAN MUST BE COMPLETED BY OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR AND MUST COMPLY WITH ALL LOCAL CODES AND REGULATIONS.

THIS PLUMBING ROUGH-IN PLAN IS INTENDED TO SHOW PIPE SIZES, ROUGH-IN HEIGHTS AND LOCATIONS AND CONSUMPTION RATES FOR FOODSERVICE EQUIPMENT ONLY. ANY ADDITIONAL PLUMBING REQUIREMENTS ARE THE RESPONSIBILITY OF THE PLUMBING ENGINEER AND MUST COMPLY WITH ANY APPLICABLE CODES

AND REGULATIONS. REFER TO THE APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL COORDINATION AND INSTALLATION REQUIREMENTS FOR ALL

FOODSERVICE EQUIPMENT INDICATED ON THIS PLAN. 4. ALL SERVICES FOR EXISTING AND OWNER OR PURVEYOR PROVIDED EQUIPMENT MUST BE VERIFIED WITH THE EQUIPMENT. ANY UTILITIES INDICATED ON THIS PLAN ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED WITH EQUIPMENT. CONTACT PROVIDER FOR EQUIPMENT LOCATION OR SPECIFICATIONS FOR THIS EQUIPMENT.

PRIOR TO THE INSTALLATION OF THE FOODSERVICE EQUIPMENT, THE KITCHEN EQUIPMENT CONTRACTOR MUST CONFIRM THAT THE WATER, GAS AND / OR STEAM LINES WERE PREVIOUSLY PRESSURE TESTED, FLUSHED FREE OF FOREIGN MATTER, VALVED OFF AND TAGGED WITH THE APPROPRIATE LABELS.

B. PLUMBING CONTRACTOR NOTES

PLUMBING ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE FOLLOWING AND FOR MAKING ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT UNLESS OTHERWISE NOTED.

1. COMPLETE HAND SINK ASSEMBLIES. VERIFY COMPLIANCE WITH

LOCAL CODES AND REGULATIONS. 2. FLOOR TYPE MOP BASIN COMPLETE WITH MIXING VALVE SERVICE FAUCET, VACUUM BREAKER AND WALL MOUNTED MOP HANGING

RACK. FAUCET TO BE MOUNTED AT 54" ABOVE FINISHED FLOOR. HOSE BIBB ASSEMBLY WITH A FAUCET WITH A GARDEN HOSE THREAD, MIXING VALVE AND VACUUM BREAKER WHERE SHOWN ON THESE FOODSERVICE PLUMBING ROUGH-IN PLANS.

PRESSURE REDUCING OR REGULATING VALVES, FAUCETS AND WATER INLETS, IN-LINE WATER FILTERS AND VACUUM BREAKERS, NOT OTHERWISE SUPPLIED, TO FOODSERVICE EQUIPMENT AS

REQUIRED BY LOCAL CODES AND MANUFACTURER SPECIFICATIONS. 5. WASTE LINES, DIRECT AND INDIRECT, TO BE A MINIMUM 1" DIA. REGARDLESS OF CONNECTION SIZE, TO BE PITCHED DOWNWARD AND TO HAVE ADEQUATE CLEAN-OUT PROVISIONS. INDIRECT WASTE LINES FROM WALK-IN COOLER / FREEZERS MUST BE PITCHED 4" / 12" MINIMUM WITH AN IN-LINE "P" TRAP OVER FLOOR SINK.

EACH EVAPORATOR IS TO HAVE A SEPARATE DRAIN LINE. 6. AREA DRAINS AND FLOOR SINKS COMPLETE WITH TOP GRATES INDICATED AND REMOVABLE SEDIMENT BUCKET. FLOOR SINK TOP TO BE SET FLUSH WITH FINISHED FLOOR. VERIFY COMPLIANCE WITH LOCAL CODES AND REGULATIONS.

7. GREASE TRAPS AS REQUIRED. INSTALL GREASE TRAPS OUTSIDE OF BUILDING WHENEVER POSSIBLE. INSTALLATION WITHIN THE BUILDING MUST COMPLY WITH LOCAL CODES AND REGULATIONS. NOTIFY RICCA NEWMARK DESIGN WHEN INSTALLATION MUST BE WITHIN ANY OF THE THE KITCHEN AREAS.

8. ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT INDICATED ON THIS PLAN.

9. NOTES CONCERNING PLUMBING ROUGH-INS: a. FURNISH AND INSTALL ALL WATER, WASTE, GAS AND STEAM LINES AND SIZE SERVICE LINES TO PROVIDE FULL FLOW VOLUME FOR ALL EQUIPMENT SUPPLIED BY RESPECTIVE MAINS AND BRANCHES. PROVIDE STOP VALVES AND TAG ROUGH-INS WITH THE APPROPRIATE IDENTIFYING LABELS. SERVICE LINES STUBBED OUT OF WALLS, UP FROM FINISHED FLOORS OR A CONCRETE CURB A MINIMUM OF 2". VENT PIPES MUST BE CONCEALED IN WALLS OR COLUMN CHASE. USE A LOOP-VENT

OR AIR GAP ASSEMBLY FOR ISLAND FIXTURES. ALL FLOOR PENETRATIONS MUST BE SEALED WATERTIGHT. b. WASTE LINES SHOWN ARE DESIGNED TO COMPLY WITH THE BEST KNOWN AND GENERALLY ACCEPTED HEALTH AND SANITARY CONDITIONS AND CODES. PLUMB LINES TO ENSURE NO INTERFERENCE WITH THE INTENDED USE OR SERVICING OF FOODSERVICE EQUIPMENT. RUN LINES BELOW EQUIPMENT AT THE HIGHEST POSSIBLE ELEVATION ABOVE FINISHED FLOOR.

NO LINES ARE TO LAY ON THE FLOOR. VERIFY COMPLIANCE

WITH LOCAL CODES AND REGULATIONS. c. SUPPLY 120° F. HOT WATER TO ALL WAREWASHING EQUIPMENT AND 110° HOT WATER TO ALL OTHER EQUIPMENT. INSULATE WATER AND STEAM LINES TO CONFORM WITH ACCEPTED PRACTICE. IT IS RECOMMENDED THAT EXPOSED PIPES AND FITTINGS ABOVE A WORKING HEIGHT OF 34" SHOULD BE CHROME PLATED OR COVERED WITH A

STAINLESS STEEL SLEEVE. d. SIZE FUEL GAS SERVICE LINES TO PROVIDE THE REQUIRED BTU RATING INDICATED FOR THE EQUIPMENT, AT A LOW PRESSURE OF APPROXIMATELY 7" TO 9" WATER COLUMN. INSTALL AUTOMATIC MECHANICAL SHUT-OFF VALVES, FURNISHED BY FIRE SUPPRESSION SYSTEM CONTRACTOR, IN GAS SUPPLY LINES TO EQUIPMENT UNDER EXHAUST HOOD ASSEMBLIES. VERIFY COMPLIANCE WITH LOCAL CODES AND

REGULATIONS. 10. NOTES CONCERNING PLUMBING CONNECTIONS:

a. ALL WATER, GAS AND STEAM SERVICES FOR PORTABLE AND COUNTER TOP EQUIPMENT MUST BE CONNECTED TO THE EQUIPMENT WITH A COMMERCIAL TYPE FLEXIBLE HOSE AND QUICK DISCONNECT FITTINGS. HOSES MUST BE COVERED WITH A FIRE RESISTANT PLASTIC OR POLY COATING. GAS ASSEMBLIES MUST BE A.G.A. APPROVED FOR COMMERCIAL KITCHEN EQUIPMENT.

b. WATER TO STEAM PRODUCING EQUIPMENT MUST HAVE A WATER HARDNESS NO GREATER THAN 2.0 GRAINS AND A Ph LEVEL BETWEEN 7.0 TO 7.5. WATER USED FOR COOLING WATER TO CONDENSING UNITS OR COMPRESSORS MUST BE TREATED TO INHIBIT THE FORMATION OF DEPOSITS IN THE CONDENSING

c. STEAM THAT COMES IN DIRECT CONTACT WITH FOOD, FOOD HOLDING EQUIPMENT OR WAREWASHING EQUIPMENT MUST BE POTABLE STEAM.

d. INTERPIPE HOT WATER SUPPLY LINES BETWEEN BOOSTER HEATER AND WAREWASHING EQUIPMENT.

e. INTERPIPE WATER LINES BETWEEN WATER WASH VENTILATOR ASSEMBLIES AND CONTROL PANELS. REFER TO MANUFACTURERS SPECIFICATIONS FOR EXACT REQUIREMENTS. f. MANIFOLD WASTE AND WASTE CONNECTIONS FOR INDIVIDUAL

SECTIONS OF WATER WASH VENTILATORS TO A MAIN DRAIN CONNECTION. VERIFY CODE COMPLIANCE. g. INTERCONNECT WASTE PULPER, EXTRACTOR AND SCRAP TROUGH AS PER MANUFACTURERS SPECIFICATIONS.

h. INSTALL IN-LINE WATER FILTERS AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR. 11. CONTRACTOR TO PROVIDE LINES, FITTINGS, VALVES AND ALL PLUMBING COMPONENTS CAPABLE TO WITHSTAND HOT WATER TEMPERATURES IN EXCESS OF 140 - 200 DEGREES

FAHRENHEIT, DRAIN TEMPERATURES OF 130 DEGREES FAHRENHEIT TO BOILING (SOMETIMES UNDER PRESSURE) AND STEAM TEMPERATURES AS PER DESIGN PRESSURES. VERIFY AND COORDINATE WITH EACH PROECT.

MINNESOTA SPORTS FACILITIES AUTHORITY 900 SOUTH 5th STREET, MINNEAPOLIS, MN 55415

MINNESOTA VIKINGS FOOTBALL, LLC 9500 VIKING DR., EDEN PRAIRIE, MN 55344 ARCHITECT / INTERIORS / BRANDING 350 N. ST. PAUL ST., SUITE 100, DALLAS, TX 75201 **ASSOCIATE ARCHITECT - SKIN** STUDIO FIVE ARCHITECTS 322 FIRST AVE. N, SUITE 600, MINNEAPOLIS, MN 55401 ASSOCIATE ARCHITECT - INTERIORS

STUDIO HIVE 901 NORTH 3rd ST., SUITE 228, MINNEAPOLIS, MN 55401 MEP / TECHNOLOGY / LIGHTING M-F ENGINEERS INC 10055 WEST 43rd AVE., WHEAT RIDGE, CO 80033 STRUCTURAL ENGINEER THORNTON TOMASETTI 12750 MERIT DR., SUITE 750, LB-7, DALLAS, TX 75251

CIVIL ENGINEER 10250 VALLEY VIEW, SUITE 123, EDEN PRAIRIE, MN 55344 LANDSCAPE ARCHITECT OSLUND AND ASSOCIATES 115 WASHINGTON AVE. N., MINNEAPOLIS, MN 55401 **AUDIO VISUAL CONSULTANTS** ACOUSTIC DIMENSIONS

15508 WRIGHT BROTHERS DR., ADDISON, TX 75001

4801 SPRING VALLEY RD., DALLAS, TX 75244 CODE / FIRE PROTECTION 9225 INDIAN CREEK, SUITE 300, OVERLAND PK, KS 66210 **FOOD SERVICE** RICCA NEWMARK 5325 SOUTH VALENTIA, GREENWOOD VLG, CO 80111

WAYFINDING SELBERT PERKINS DESIGN 432 CULVER BLVD., PLAYA DEL REY, CA 90293 VERTICAL TRANSPORTATION ELEVATOR ADVISORY GROUP 14530 PENNOCK AVE., SAINT PAUL, MN 55124 ADA CONSULTANT ED ROETHER CONSULTING, LLC. 25950 MISSION BELLEVIEW, LOUISBURG, KS 66053 WIND / SNOW CONSULTANT ROWAN, WILLIAMS, DAVIES, AND IRWIN, INC

650 WOODLAWN RD. W., GUELPH, ON CANADA N1K 1B8 **BUILDING ENVELOPE CONSULTANT** THORNTON TOMASETTI - BUILDING SKIN PRACTICE 330 N. WABASH AVE., SUITE 1500, CHICAGO, IL 60611 FACADE ACCESS CONSULTANT LERCH BATES INC 8089 LINCOLN ST., SUITE 105, LITTLETON, CO 80122



NO. DESCRIPTION DATE

HKS PROJECT NUMBER 16246.000 **MAY 13, 2014**

EVENT LEVEL LAUNDRY

CCD-060

PLUMBING PLAN