

# CHINESE RESTAURANT

(TENANT IMPROVEMENT)

# 701 W. CESAR E. CHAVEZ #108 LOS ANGELES, CA 90012



COVER SHEET, SITE PLAN, PROJECT SUMMARY GENERAL NOTES FLOOR PLAN, EQUIPMENT SCHEDULE, FINISH SCHEDULE EXISTING EMPTY SPACE FIRST TENANT "CHINESE CEILING PLAN, DETAILS RESTAURANT TENANT IMPROVEMENT WORK ONLY. HANDICAPPED, DETAILS

> EXISTING HVAC SYSTEM NO CHANGE PROVIDED BY LANDLORD.

> > NEW INTERIOR PARTITION NON-BEARING WALL. NEW RESTROOM, KITCHEN, SERVICE AREA. NEW COOKING EQUIPMENT, UNDER NEW UL HOOD. NEW WALK-IN COOLER, FREEZER, SINKS, ICEMAKER, WATER

NEW SOFFIT AT THE SERVICE AREA.

COMMON DINING AREA, SHARE WITH UNIT #107.
COMMON RESTROOMS SHARE WITH UNIT #107.
NEW GREASE INTERCEPTOR SHARE WITH UNIT #107 & #109.

DATE: REVISION:

N.T.S. 05 SCOPE OF WORK

CHINESE RESTAURANT

SINGLE LINE DIAGRAM, PANEL SCHEDULE

POWER PLAN

LIGHTING PLAN LTG T-24

MECH DETAILS DUCT INSULATION

SEPARATE PERMIT

ELECTRICAL, MECHANICAL, PLUMBING WORK

ROOF PLAN, DETAILS

PLUMBING PLAN, DETAILS

SEWER PLAN, DETAILS

EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

 EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED, WITH LIGHT HAVING AN INTENSITY OF NOT LESS THAN ONE FOOT—CANDLE AT FLOOR LEVEL. 4) EXIT SIGN SHALL BE PER TITLE 24, 1003 BUILDING ADDRESS NUMBERS TO BE PROVIDED ON THE FRONT OF ALL BUILDINGS AND SHALL

BE VISIBLE AND LEGIBLE FROM STREET FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. AN APPROVAL UPDATED UL300 FIXED FIRE EXTINGUISISHER SYSTEM FOR THE KITCHEN HOOD,

DUCTS AND COOKING SURFACES SHALL BE HANDLED BY THE LICENSED FIRE PROTECTON CO. PROVIDE A "2A-10BC" FIRE EXTINGUISHER WITH RECESSED OR SEMI-RECESSED CABINET WITHIN 75 FEET TRAVEL DISTANCE OF ALL POINTS IN THE OCCUPANCY, EXTINGUISHERS SHALL BE MOUNTED IN EASILY ACCESSIBLE LOCATION AT 48° FROM THE TOP OF THE EXTINGUISHERS TO THE FINISHED FLOOR.

8) IN KITCHEN AREA, PROVIDE A CLASS K TYPE FIRE EXTINGUISHER, MOUNTED AT 48" AFF MAX TO TOP PROVIED A RECESSED PORTION OF WALL TO MOUNT THE FIRE EXTINGUISHER. COORDINATE LOCATION OF THIS FIRE EXTINGUISHER WITH THE PULL STATION FOR THE HOOD SUPPRESSION SYSTEM TO BE LOCATED TOGETHER. INSTALLATION OF EXH. HOOD EXTINGUISHING SYSTEM (UPDATED UL300) SHALL BE APPROVED

10) FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED BY FIELD INSPECTOR. 11) THE LICENSED FIRE PROTECTION CO. IS RESPONSIBLE FOR THE U.L. APPROVAL SYSTEM NUMBER. THE SUBMISSION U.L. APPROVAL SCHEMATIC DRAWG TO AREA INSPECTION UNIT. 12) INTERIOR FINISH SHALL BE PROVIDED IN ACCORDANCE WITH CBC CHAPTER 8 TABLE 803.5

13) ALL DRAPES, HANGINGS, CURTAINS, DROPS AND ALL OTHER DECORATIVE MATERIALS SHALL COMPLY WITH COUNTY FIRE CODE. 14) COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY ON 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS AREAS CONTAINING DUMPSTERS ARE

PROTECTED BY AN APPROVED SPRINKLER SYSTEM. 15) THE MODIFICATION OF FIRE SPRINKLER SYSTEM (IF REQUIRE) WILL BE SEPARATELY SUBMITTED FOR PLAN CHECK AND PERMIT BY AN LINCENSED FIRE PROTECTION CO. 16) EXTEND AND/OR MODIFY SPRINKLER AND LIFE SAFETY SYSTEM AS NEEDED

NOTE FOR FIRE DEPT.

INSIDE DIMENSION ABOVE FINISHED FLOOR LAV LAVATORY BOARD LTG LIGHTING MAX. MAXIMUM CEILING METAL MINIMUN NEW NUMBER

DIAMETER NOT TO SCALE DOOR ON CENTER OUTSIDE DIMENSION EXISTING EACH ELECTRICAL **EQUAL** FLOOR DRAIN

PROPERTY LINE PLYWD PLYWOOD FINISH

FLOOR SINK FOOT/FEET GALV. GALVANIZED GYP **GYPSUM** HC. HANDICAPPED HDW. HARDWARE

& AIR CONDITIONING.

N.T.S. 04 ABBREVIATIONS

WATER CLOSET WATER HEATER

N.T.S. 02

**COVER SHEET** 

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these drawings shall have precedence over scale dimensions, contractors shall verify, and be responsible for all dimensions and condition on the job this office must be notified of all variations from the dimensions

and conditions shown by these drawings.

Drawn No: 2012#1801B

Drawn By: JIMMY ZHANG

Sheet title: COVER SHEET

6/22/2012

1/4"=1'-0"

701 W. CESAR E. CHAVEZ, #108 2) PROJECT ADDRESS: LOS ANGELS, CA 90012 1,723 SF 3) BUILDING AREA: 4) BUILDING USE: CHINESE FOOD 5) NUMBER OF STORIES: 6) CONSTRUCTION TYPE: 7) FIRE SPRINKLER: FULLY FIRE SPRINKLER 8) SCOPE OF WORK: T. I. WORK UNDER SEPARATED PERMIT & SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF BUILDING PERMIT. 9) CODE COMPLIANCE: 2008 LABC 10) OCCUPANCY GROUP: 11) OCCUPANCY ANALYSIS: TOTAL O.L. CUSTOMER AREA = 756 sf (1/15) = 50 O.L.= 785 sf (1/200) = 4 O.L.12) MAX EMPLOYEES: 4 (INCLUDING MANAGER) 13) EXIT REQUIRED: EXITS PROVIDED: AFF 14) EGRESS WIDTH REQUIRED: 10.8" (54 x 0.2) BD. PROVIDED: 144" CLG. 15) OWNER INFORMATION: Justin Mi 626-394-9717 DIA ADDRESS: 701 W. CESAR E. CHAVEZ #300 LOS ANGELES, CA 90012 DR (E) 16) ALCOHOLIC PERMIT: NO ALCOHOLIC

BLDG. BUILDING CLR. CLEAR CONC. CONCRETE ELEC. EQ. EQUIP EQUIPMENT EXIST EXISTING FD FIN.

POC POINT OF CONNECTION REQUIRED ROOM SQUIRE FEET SHEET SQUARE STAINLESS STEEL SHUT OFF VALVE TRAP PRIMER TYPICAL VENT THROUGH ROOF HEIGHT HVAC HEATING, VENTILATION

Sheet No:

N.T.S.

DRP BODS

O1

these drawings shall have precedence over scale dimensions, contractors shall verify, and be responsible for all dimensions and condition on the job this office must be notified of all variations from the dimensions and conditions of the property by these drawings. and conditions shown by these drawings.

6/22/2012 Drawn No: 2012#1801B

Drawn By: | JIMMY ZHANG

1/4"=1'-0" Sheet title: NOTES

Sheet No:

THE FOLLOWING ITEMS AND/OR WORK ARE TO BE PROVIDED AND/OR PERFORMED BY THE GENERAL CONTRACTOR AND/OR HIS SUBCONTRACTORS UNDER THE

- PROVIDE ALL PLUMBING AND ELECTRICAL ROUGH-INS, INTERCONNECTIONS, AND FINAL CONNECTIONS TO ALL RESTAURANT FIXTURES AND EQUIPMENT AS SHOWN ON FOOD SERVICE EQUIPMENT CONTRACTOR PLUMBING, ELECTRICAL, REFRIGERATION, AND EXHAUST AND MAKE-UP AIR PLANS.
- 2. PROVIDE ALL FIXTURE CURBS AS SHOWN ON FIXTURE CURB PLAN.
- 3. PROVIDE AND INSTALL ALL CONDUITS AND FULL BOXES AS SHOWN ON FIXTURE REFRIGERATION PLAN. PROVIDE MINIMUM 6" HIGH LEVEL PLATFORM, COMPLETE WITH METAL TOP AND FLASHING FOR REFRIGERATION RACK.
- 4. PROVIDE AND INSTALL ALL NECESSARY BACKING AND BLOCKING IN WALLS AND CEILINGS TO SUPPORT FIXTURES, SHELVING, INCLUDING HOODS AND FIXTURE CANTILEVER SUPPORTS. SEE FIXTURE BACKING PLAN AND ELEVATION SHEETS AND FIXTURE FABRICATOR'S SHOP DRAWINGS FOR REQUIREMENTS.
- 5. INSTALL CANTILEVER SUPPORTS FOR KITCHEN EQUIPMENT AND SLEEVES FOR CANTILEVERED COUNTER STOOLS AND KITCHEN EQUIPMENT AS SHOWN ON FIXTURE CURB PLAN. ALL CANTILEVER SUPPORTS AND SLEEVES TO BE PROVIDED TO GENERAL CONTRACTOR BY FIXTURE CONTRACTOR AND INSTALLED BY GENERAL
- 6. PROVIDE AND INSTALL ALL RESTROOM ACCESSORIES AS SHOWN ON FIXTURE FLOOR PLAN, AND AS NOTED ON FIXTURE SCHEDULES AND ARCHITECT'S PLANS.
- PROVIDE AND INSTALL ALL TILE FOR FLOORS, BASES, WAINSCOTS, AND WALLS WHERE SHOWN ON THESE PLANS AND ARCHITECTURAL PLANS AND AS SPECIFIED BY ARCHITECT AND DECORATOR, TILE ON WALLS IN KITCHEN AND SCULLERY AREA TO BE INSTALLED PRIOR TO INSTALLATION OF FIXTURES, DECORATIVE TILE ON WALLS IN SEMI-EXHIBITION COOKING AND SERVING AREAS TO BE INSTALLED AFTER INSTALLATION OF FIXTURES.
- 8. PROVIDE AND INSTALL ALL WOOD PANELING, BEAMS, JAMBS AND TRIM AS SHOWN ON INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS AND AS SPECIFIED AND DETAILED ON ARCHITECTURAL PLANS AND BY DECORATOR UNLESS NOTED

OTHERWISE.

- 9. FOOD SERVICE EQUIPMENT CONTRACTOR TO SUPPLY ALL DECORATIVE WALL-COVERINGS LISTED ON FIXTURE AND EQUIPMENT SCHEDULE. THESE WALL MATERIALS ARE TO BE INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR MUST PROVIDE REQUIRED MATERIAL QUANTITY TO THE FOOD SERVICE EQUIPMENT CONTRACTOR ALL TAKE-OFFS TO BE VERIFIED PRIOR TO ORDERING.
- 10. PROVIDE AND INSTALL ALL LIGHTING FIXTURES WHERE PART OF BUILDING AS SHOWN AND SPECIFIED ON REFLECTED CEILING PLAN AND ARCHITECT'S DRAWINGS. ALSO ASSEMBLE AND INSTALL ALL DECORATIVE LIGHTING FIXTURES PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR LISTED ON FIXTURE AND EQUIPMENT SCHEDULE.
- 11. BUILD SAFE, PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR OR OWNER INTO CONCRETE PYLON AND/OR BOLTED TO FLOOR AS SHOWN ON CURB PLAN
- 12. PROVIDE AND INSTALL ALL ITEMS NOTED G.C. ON FIXTURE EQUIPMENT SCHEDULES.
- 13. PROVIDE ALL OPENINGS THROUGH CEILING AND ROOF INCLUDING SHAFTS, ENCLOSURES, ETC, FOR FIXTURE MAKE-UP AIR AND EXHAUST SYSTEMS, AND PROVIDE PADS AND/OR CURBS ON ROOF. SEE EXHAUST AND MAKE-UP AIR PLANS FOR LOCATIONS. REPAIR AND/OR REPLACE ROOF SEAL TO ORIGINAL CONDITION AND IN ACCORDANCE TO ANY REQUIREMENT AS TO NOT VOID WARRANTY IF
- 14. PROVIDE AND INSTALL COMPLETE FIXTURE HOT WATER SYSTEM. SEE ARCHI-TECURAL MECHANICAL PLANS FOR SPECIFICATIONS AND DETAILS.
- 15. COORDINATE ALL PHASES OF CONSTRUCTION WITH FOOD SERVICE EQUIPMENT CONTRACTOR, INCLUDING NOTIFICATION IN ADVANCE WHEN ROUGH AND FINISHED PLUMBING AND ELECTRICAL WORK, CURB FORMS, ETC. CAN BE CHECKED.
- 16. GENERAL CONTRACTOR TO SUPPLY AIR TO COMPRESSOR ROOM AS FOLLOWS: 1,200 CFM'S OF AIR PER H.P. ARE REQUIRED TO BE BROUGHT INTO COMPRESSOR ROOM AND BLOWN DOWN ACROSS THE FACE OF COMPRESSORS. WITH PROPER GRILLS IN WALL TO EXHAUST SAME AMOUNT OF AIR. IF COMPRESSOR ROOM WILL EXCEED 100 DEGREES AT ANY TIME, THE AIR BROUGHT IN MUST BE COOLED.
- 17. GENERAL CONTRACTOR OR GENERAL CONTRACTOR'S SUBCONTRACTORS ARE TO RECEIVE FOOD SERVICE EQUIPMENT CONTRACTOR EQUIPMENT IF HIS CONTRACTORS ARE NOT ON JOB SITE AT TIME OF DELIVERY.
- 18. SPRINKLER HEADS IN FREEZER BOXES WILL BE ADEQUATELY PROTECTED AGAINST Freezing up by general contractor.
- 19. SWINGING DOORS IN PASSAGEWAY SHALL BE PROVIDED WITH WINDOWS WHICH SHALL BE 200 SQUARE INCHES OR OF A SUBSTANTIALLY EQUIVALENT AREA. THE GLASS SHALL BE EITHER SHATTERPROOF OR WIRE GLASS AND THE BOTTOM OF THE WINDOWS SHOULD NOT BE MORE THAN 48" FROM ABOVE THE FLOOR DOORS TO MEET ALL LOCAL CODES.
- 20. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR GENERAL CONTRACTOR TO INSURE THAT FOOD SERVICE EQUIPMENT CONTRACTOR RECEIVES COPIES OF ALL ADDENDA AND CHANGES TO BUILDING PLANS WHICH ARE MADE PRIOR TO AND DURING CONSTRUCTION. IN THE EVENT THAT THIS INFORMATION IS NOT DELI-VERED TO FOOD SERVICE EQUIPMENT CONTRACTOR, OWNER WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY FAILURE TO GIVE FOOD SERVICE EQUIPMENT CONTRACTOR THIS INFORMATION.
- 21. WHERE NOISY OR VIBRATION PRODUCING EQUIPMENT IS LOCATED ADJACENT TO DINING AREAS. PROVISION SHOULD BE MADE TO "DOUBLE STUD" AND/OR SOUND-PROOF COMMON WALLS BY GENERAL CONTRACTOR.
- 22. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR ALL GENERAL CLEAN UP AND DISPOSAL OF ALL TRASH, CARTONS, CRATESS DEBRIS, ETC. PRIOR TO FINAL INSTALLATION OF ALL EQUIPMENT.
- 23. INSTALL ALL ITEMS LISTED IN SCHEDULE BY FOOD SERVICE EQUIPMENT CONT'R SYMBOL, I.E. PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR, INSTALLED BY GENERAL CONTRACTOR
- 24. FOR FUTURE INFORMATION CONCERNING THE EQUIPMENT INDICATED ON THESE PLANS CONTACT KITCHEN EQUIPMENT CONTRACTOR PROVIDED BY OWNER FOR
- 25. IT SHALL BE THE RESPONSIBILITY AND ACCOUNTABILITY OF THE GENERAL CONT'R FO ASSURE THAT HIS SUBCONTRACTORS OBTAIN ALL NECESSARY PERMITS REQUIRED FOR THOSE SECTIONS OF THE WORK PRIOR TO THE COMMENCEMENT OF
- 26. GENERAL CONTRACTOR SHALL BE PRESENT AT ALL INSPECTIONS AS REQUIRED BY HIS TRADE CONTRACT WITH OWNER.
- 27. GENERAL CONTRACTOR TO PROVEDE FOR AND INSTALL A JOB SITE PHONE.
- 28. GENERAL CONTRACTOR TO WARRANTY ALL LABOR AND MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM CERTIFICATE OF COMPLETION
- 29. FOOD SERVICE CONTACTOR IS NOT RESPONSIBLE FOR LOSS OF OR DAMAGE TO ANY EQUIPMENT, ONCE DELIVERED TO JOB SITE AND SO NOTED.

1. ALL OUTLETS AND CONNECTIONS SHOWN ON FIXTURE PLAN AND SCHEDULE ARE FOR FIXTURES AND EQUIPMENT SHOWN ON FIXTURE FLOOR PLAN ONLY. SEE ARCHITECTURAL PLANS AND/OR GENERAL CONTRACTOR FOR FURTHER BUILDING

FIXTURE PLUMBING NOTES

- 2. ALL HORIZONTAL DIMENSIONS SHOWN ON FIXTURE PLUMBING PLAN ARE TAKEN FROM FINISHED WALL TO CENTER LINE OF OUTLET OR FROM CENTER LINE OF OUTLET TO CENTER LINE OF OUTLET, UNLESS OTHERWISE NOTED. PLUMBING CONTRACTOR TO VERIFY ALL DIMENSIONS AT JOB SITE.
- 3. HEIGHT OF PLUMBING OUTLETS (NOTED AS PLUS 12", 24" ETC, ON FIXTURE PLUMBING PLAN) IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTER LINE OF OUTLET. PLUMBING LINES SO NOTED ATE TO BE RUN IN WALL AND TO STUB OUT OF WALL AT HEIGHT INDICATED.
- 4. PLUMBING OUTLETS NOTED AS "STUB UP" ARE TO BE RUN UNDER FLOOR AND ARE TO BE STUB OUT OF FINISHED FLOOR OR CURB AT LOCATION SHOWN ON FIXTURE PLUMBING PLAN. THESE OUTLETS ATE TO PROJECT 2" ABOVE FINISHED FLOOR OR FINISHED CURBS, AS THE CASE MAY BE, SO AS NOT TO INTERFERE WITH INSTALLATION OF FIXTURES.
- 5. ALL FLOOR SINKS TO BE INSTALLED ACCORDING TO LOCATL CODES. FLOOR SINKS TO BE ARE. CAST IRON INDIRECT WASTE RECEPTORS, PLUMBER TO PROVIDE GRATES AS INDICATED ON FIXTURE PLUMBING PLAN AND SCHEDULE FOR ALL FULLY OR PARTIALLU EXPOSED FLOOR SINKS, IN THE EVENT LOCAL CODES REQUIRE FLOOR SINKS TO BE ABOVE OR BELOW FINISHED FLOOR, PLUMBER SHALL COMPLY BUT NOTIFY FOOD SERVICE EQUIPMENT CONTRACTOR IMMEDIATELY.
- 6. PLUMBER TO PROVIDE ALL FLOOR DRAINS AS SHOWN ON FIXTURE PLUMBING PLAN AND ADDITIONAL AS CALLED FOR ON ARCHITECTURAL MECHANICAL PLANS.
- 7. FIXTURE FABRICATORS TO PROVIDE ALL FAUCETS WHERE PART OF FIXTURE AND AS SHOWN ON FIXTURE PLUMBING SCHEDULE, UNLESS OTHERWISE NOTED. REFERENCE USED FOR FAUCET IS "T & S"FOR T & S BRASS & BRONZE WORKS, INC, AND "FISHER" FOR FISHER MANUFACTURING COMPANY, "C.F." FOR CHICAGO FAUCET COMPANY.
- 8. PLUMBER TO PROVIDE ALL VALVES, TRIM, AND PRESSURE REGULATORS NECESSARY TO CONNECT ALL LINES TO FIXTURES. ALL EXPOSED PIPE AND TRIM ABOVE WORKING HEIGHT OF FIXTURES TO BE CHROME PLATED. ALL EXPOSED PIPE AND TRIM BELOW WORKING HEIGHT TO BR PAINTED WITH SILVER PAINT BY PLUMBER AFTER INSTALLATION.
- 9. PLUMBER TO USE COUPLE JOINTS, NOT SWEAT JOINTS, TO CONNECT ALL BUILT-IN EQUIPMENT FOR EASE IN REMOVAL OF EQUIPMENT FOR SERVICE OR REPLACEMENT, PLUMBER TO PROVIDE PLASTIC REINFORCED TUBING COMPLETE WITH REQUIRED SHUT-OFF VALVES AND FITTINGS FOR ALL PORTABLE COUNTER
- 10. PLUMBER TO PROVIDE GATE VALVES ON ALL WATER AND GAS LINES TO INDIVIDUAL FIXTURES OR EQUIPMENT AND WADE SHOCK STOPS (W-5) ON ALL GLASS FILLERS.
- 11. PLUMBER TO DRAIN ALL FIXTURES AND EQUIPMENT AS REQUIRED TO EITHER DIRECT OR INDIRECT WASTER LINES. THIS INCLUDES DRAINING OF ALL REFRIGERATED UNITS TO FLOOR SINKS. INCLUDING REFRIGERATION COILS AND REFRIGERATED DISPLAY COILS. ALL DRAIN LINES FROM SINKS, EITHER TO DIRECT OR INDIRECT WASTE LINES, TO BE NO SMALLER THAN STUBBED OUT OF SINK ITSELF. ALL EXPOSED COLD DRAIN LINES TO BE WRAPPED WITH CORK INPREGNATED RUBBER TAPE TO PREVENT SWEATING.
- 12. PROVIDE 1" INSULATED COPPER LINES FOR DRAINING WALK-IN COOLER AND/OR WALK-IN FREEZER BLOWER COILS TO FLOOR SINKS. LINES TO BE RUN THROUGH WALLS, AS SHOWN ON FIXTURE PLUMBING PLAN, FROM COIL LOCATION TO FLOOR SINK LOCATION EXPOSED PORTIONS OF LINES WITHIN WALK-INS TO BE INSULATED TO PREVENT FREEZING OF CONDENSATE.
- 13. PLUMBER TO VERIFY REFRIGERATED DISPLAY CASE LOCATION WITH FOOD SERVICE EQUIPMENT CONTRACTOR AND PROVIDE SAME BEFORE WALLS ARE COVERED OR DISPLAY CASE IS INSTALLED.
- 14. WASTE LINE RUNNING FROM DISPOSER UNITS SHOULD BE AS DIRECT AS POSSIBLE WITH MAXIMUM FALL.
- 15. ALL PLUMBING LINES WITHIN FIXTURE ARE TO BE RUN THROUGH BULKHEADS. RACEWAYS, AND BEHIND SHELVES WHEREVER POSSIBLE, PLUMBER TO TAKE SPECIAL CARE IN RUNNING LINES IN FIXTURES THAT HE DOES NOT BLOCK ANY SPACE WHICH IS TO BE RUN EITHER TO BACK OR SIDE OF COMPARTMENTS AND THEN DOWN TO FLOOR SINK OF DIRECT WASTE LINE LOCATION.
- 16. PLUMBER TO PROVIDE INTERIOR AND EXTERIOR HOSE BIBBS AS DIRECED ON FIXTURE PLUMBING PLAN AND ARCHITECTURAL MECHANICAL PLANS. PLUMBER TO PROVIDE VACUUM BREAKERS ON ALL HOSE BIBBS.
- 17. PLUMBER TO PROVIDE ALL BACK FLOW PREVENTION DEVICES AS REQUIRED BY LOCAL CODES UNLESS OTHERWISE NOTED.
- 18. PLUMBER TO PROVIDE HOT WATER SYSTEM SPECIFIED ON ARCHITECTURAL MECHANICAL PLANS. IF 180 DEGREE HOT WATER IS SUPPLIED FROM MAIN WATER HEATER PLUMBER TO PROVIDE RECIRCULATING 180 DEGREE LINE, COMPLETE WITH RECIRCULATING PUMP. TO DISHWASHER RINDE LINE CONNECTION PLUMBER TO PROVIDE 20" PRESSURE REGULATOR AND TEMPERATURE GAGE FOR RINSE LINE CONNECTION TO DISHWASHER.
- 19. PLUMBER TO CONNECT WATER SOFTENING AND WATER FILTERING EQUIPMENT, IF USED. VERIFY LOCATION WITH ARCHITECTURAL MECHANICAL PLANS.
- 20. WATER PROVIDED TO COFFEE MAKERS MUST NOT FEED OFF WATER FOFTENERS, UNLESS OTHERWISE SPECIFIED.
- 21. PLUMBER TO PROVIDE COLD WATER LINES, GAS LINES, AND DRAINS ON ROOF AS REQUIRED FOR FIXTURE EXHAUST AND MAKE-UP AIR PLAN AND ARCHITECTURAL PLANS FOR LOCATON AND REQUIREMENTS. VERIFY HOOK-UP OF UNITS AT JOB SITE WITH FIXTURE SHEET METAL FABRICATOR SUPPLY SYSTEMS.
- 22. ALL EXPOSED WATER LINES TO BE TYPE "L" COPPER AND ARE TO BE SIZED TO MEET JOB DEMANDS BY MECHANICAL ENGINEER AND/OR PLUMBING CONTRACTOR.
- 23. ALL UNDERGROUND WATER LINES TO BE TYPE "K" COPPER AND ARE TO BE SIZED TO MEET JOB DEMANDS BY MECHANICAL ENGINEER AND/OR PLUMBING CONTRACTOR.
- 24. PLUMBER TO PROVIDE AND CONNECT ALL WATER LINES GAS LINES, DRAIN LINES FLOOR SINKS AND FLOOR DRAINS. INCLUDING NECESSARY VALVES, FITTINGS, AND TRIM FOR ALL RESTAURANT FIXTURES AND EQUIPMENT AS REQUIRED AND SHOWN ON FIXTURE PLUMBING PLAN. PLUMBING SCHEDULE AND NOTES. THIS WORK TO BE PERFORMED BY THE PLUMBING CONTRACTOR UNDER THE GENERAL CONTRACT IN A FIRST CLASS WORKMANLIKE MANNER.
- 25. PLUMBING CONTRACTOR TO CORE DRILL AND INSTALL ANY CONDUITS AND FIRE SEPARATION SLEEVES EHERE REQUIRED.
- 26. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO SEE THAT HIS PHASE OF THE WORK MEETS, AND IS INSTALLED IN ACCORDANCE WITH STANDARDS REQUIRED BY ALL GENERAL, STATE, AND FEDERAL LAWS (INCUDING HEALTH CODES). AND ANY CODES PECULIAR TO MUNICIPALITY OR AREA WHERE JOB IS TO BE INSTALLED.
- 27. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO CONTACT FOOD SERVICE EQUIPMENT CONTRACTOR IN THE EVENT THERE ATE DISCREPANCIES BETWEEN THE PLUMBING ENGINEERED DRAWINGS AND FIXTURE PLUMBING DRAWINGS.
- 28. HOLES OR OPENINGS REQUIRED IN EQUIPMENT AND FIXTURES FOR WATER WASTE GAS LINES. SHALL BE CUT BY THE FOOD SERVICE EQUPMENT CONTRACTOR.

- 1. ALL ELECTRICAL OUTLETS AND CONNECTIONS SHOWN ON FIXTURE PLAN AND SCHEDULE ARE FOR FICTURES AND EQUIPMENT SHOWN ON FOOD SERVICE EQUIPMENT CONTRACTOR EQUIPMENT FIXTURE FLOOR PLAN, SEE ARCHITECTURAL
- 2. ALL HORIZONTAL DIMENSIONS SHOWN ON FIXTURE ELECTRICAL PLAN ARE TAKEN FROM FINISHED WALL TO CENTER LINE OF OUTLET OR FROM CENTER LINE OF OUTLET TO CENTER LINE OF OUTLET, UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR TO VERIFY ALL DIMENSIONS AT JOB SITE.
- 3. HEIGHT OF ELECTRICAL OUTLETS (NOTED AS PLUS 12", 24" ETC), ON FIXTURE ELECTRICAL SCHEDULE IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTER LINE OF OUTLET SET HORIZONATALLY. ELECTRICAL LINES SO NOTED ARE TO BE RUN IN WALL AND TO TERMINATE IN BOX OR STUB OUT OF WALL
- AT HEIGHT INDICATED. 4. ELECTRICAL LINES NOTED AS "STUB-UP" ON FIXTURE ELECTRICAL SCHEDULE

ARE TO BE RUN UNDER FLOOR AND ARE TO STUB OUT OF FINISHER FLOOR OR

5. ALL ELECTRICAL POWER NOT OTHERWISE NOTED TO BE SINGLE PHASE.

CURB, AS THE CASE MAY BE, AT LOCATION SHOWN.

- ALL 120 VOLT CONVENIENCE OUTLETS NOT DESIGNATED WITH SPECIFIC LOADS ARE TO BE RATED 20 AMPS. ELECTRICAL CONTRACTOR IS TO PROVIDE ANY ADDITIONAL OUTLES AS CALLED FOR BY ARCHITECT, OWNER, AND/OR GENERAL CONTRACTOR.
- 7. ELECTRICAL CONTRACTOR TO PROVIDE CAPS AND CORDS FOR ALL EQUIPMENT WHERE CAPS AND CORDS ARE NOT STANDARD WITH MANUFACTURER ELECTRICIAN TO ALSO SHORTEN ANY CORDS SUPPLIED EITH EWUIPMENT IF REWUESTED TO DO SO BY OENER OR FIID SERVICE EQUIPMENT CONTRACTOR REPRESENTATIVE.
- 8. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CONDUIT AND PULL BOXES FOR REFRIGERATION, BEVERAGE, AND SODA GAS LINES, SEE FIXTURE REFRIGERATION AND/OR FIXTURE ELECTRICAL NOTES AND PLANS.
- 9. ELECTRICAL CONTRACTOR TO PROVIDE POWER AT COMPRESSOR LOCATIONS AS INDICATED ON PLAN. IF AUTOMATIC DEFROST SYSTEMS ARE USED FOR FREEZERS, ELECTRICAL CONTRACTOR TO PROVIDE 4 AND/OR 5 WIRE SERVICE FROM COMPRESSOR TO UNIT AND/OR UNITS.
- 10. WHERE 208 VOLT IS SPECIFIED, FOOD SERVICE EQUIPMENT CONTRACTOR WILL PROVIDE TRANSFORMERS TO CORRECT VOLTAGE TO 230 VOLT FOR REMOTE ICE MAKER CONDENSING UNITS ONLY. TO BE INSTALLED AND CONNECTED BY ELECTRICAL
- 11. ELECTRICAI CONTRACTOR SHALL PROVIDE AND INSTALL LOCKOUT DEVICES ON ALL BREAKERS FOR CLOCKS, REFRIGERATION CONTROL WIRING AND EXHAUST SYSTEM
- 12. ELECTRICIAN TO SUPPLY STAINLESS STEEL COBER PLATES FOR ANY FULLY OR PARTIALLU EXPOSED PULL BOXES AND/OR ELECTRICAL ACCESS BOXES AND PROVIDE STAINLESS STEEL COVER PLATES FOR ALL CONVENIENCE OUTLES.
- 13. ELECTRICIAN TO PROVIDE POWER ON ROOF FOR AND CONNECT COMPONETS OF FIXTURE MAKE-UP AIR AND EXHAUST SYSTEMS, INCLUDING CONTROL PANELS FOR WATER WASH HOOD, ELECTRICIAN TO INTERCONNECT EXHAUST AND MAKE-UP AIR SYSTEM FOR ACTIVATION FROM SINGLE SWITCH PROVIDED BY HIM. SEE ARCHITECTURAL PLANS AND SHOP DRAWINGS FOR REQUIREMENTS AND LOCATIONS OF EQUIPMENT. VERIFY CONNECTION OF UNITS AT JOB SITE WITH FIXTURE SHEET METAL FABRICATOR PROVIDING SYSTEMS.
- 14. ELECTRICIAN TO PROVIDE AND RUN CONDUITS FOR TELEPHONE, SOUND SYSTEM, COMPUTER, AND POS SUSTERMS, AS INDICATED ON FIXTURE ELECTRICAL PLAN. ARCHITECTURAL PLANS. AND/OR BY GENERAL CONTRACTOR. AND/OR OWNER.
- 15. ELECTRICAL CONTRACTOR AND/OR ELECTRICAL ENGINEER TO SIZE ALL ELECTRICAL JUNCTION BOXES, CONDUIT AND PANELS, PANELS TO BE SIZED TO ALLOW ONE FREE CIRCUIT (FOR FUTURE USE) FOR EVERY FIVE CONNECTED CIRCUITS.
- 16. ELECTRICAL CONTRACTOR TO PROVIDE ALL JUNCTION BOXES AND CONVENIENCE OUTLET BOXES LOCATION IN WALLS AND IN WOOD FIXTURES (UNLESS OTHERWISE ONTED ON FIXTURE ELECTRICAL SCHEDULE), FIXTURE SHEET METAL FABRICATOR TO PROVIDE AND LOCATE ALL JUNCTION BOXED. CONVENIENCE OUTLET BOXES AND SWITCHS WHERE PART OF METAL FIXTURES (UNLESS OTHERWISE NOTED ON FIXTURE ELECTRICAL SCHEDULE). HOWEVER, INTERNAL WIRING FOR BOXES SUPPLIED AS PART OF FIXTURE TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR WHEREVER ACCESS IS NOT AVAILABLE FOR ELECTRICIAN TO RUN HIS LINES FROM JUNCTION BOXES TO END USAGE IN FICTURE, FABRICATOR TO SUPPLU AND INSTALL SUITABLE CONDUIT FOR RUNNING OF SUCH LINES, ALL JUNCTION BOXES AND CONVEIENCE OUTLET BOXES LOCATED IN WALLS TO BE FLUSH WITH FINISHED WALL UNLESS OTHERWISE NOTED ON FIXTURE ELECTRICAL SCHEDULE. ELECTRICIAN TO PROVIDE EXTENDER BOXES THROUGH SPLASHES AS REQUIRED.
- 17 MAGNETIC STARTERS, WHERE REQUIRED FOR ALL EQUIPMENT SUPPLIED BY FOOD SERVICE EQUIPMENT CONTRACTOR UNDER FIXTURE CONTRACT, WILL BE SUPPLEID BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- 18. ELECTRIAL CONTRACTOR TO PROVIDE 120/60/1 OUTLET FOR WATER SOFTENER AND TIME CLOCK SEE FIXTURE ELECTRUCAL FLAN AND/OR ARCHITECTURAL PLANS FOR LOCATION.
- 19. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL LIGHTING FXTURES WHERE PART OF BUILDING AND TO ASSEMBLE AND INSTALL ALL DECORATIVE LIGHTING FIXTURE THAT MAY BE SUPPLIED BY FOOD SERVICE EQUIPMENT CONTRACTOR AND/OR OWNER SEE REFLECTED DEILING PLAN AND/OR ARCHITECTUAL PLANS FOR REQUIREMENTS.
- 20. ELECTRICAL CONTRACTOR TO PROVIDE AND CONNECT ALL LINES, CONDUITS. JUNCTION BOXES, OUTLET BOXES, PULL BOXES, SWITCHES, ETC. FOR ALL RESTAURANT AND EQUIPMENT AS REQUIRED AND AS SHOWN ON FOOD SERVICE EQUIPMENT CONTRACTOR ELECTRICAL PLAN, ELECTRICAL SCHEDULE AND NOTES INCLUDING INTERNAL WIRING OF FIXTURES. THIS WORK TO BE PERFORMED BY ELECTRICAL CONTRACTOR UNDER THE GENERAL CONTRACT IN A FIRST CLASS, WORKMANLIKE MANNER ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND COMPLIANCE WITH ANY AND ALL RELATED CODES, INCUDING ANY REQUIRED ELECTRICAL INSPECTION OF CUSTOM FIXTURES DURING OR AFTER FABRICATION AT FABRICATOR'S SHOP OR AFTER DELIVERY OF FIXTURES TO JOB SITE. ELECTRICAL CONTRACTOR SHALL CHECK WITH FIXTURE FABRICATOR ON INSPECTION OF INACCESSIBLE AREAS IN FIXTURES BEFORE SUCH AREAS ARE CLOSED OR SEALED.
- 21. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO FURNISH FOOD SERVICE EQUIPMENT CONTRACTOR WITH A WRITTEN LETTER INDICATING THE VOLTAGE, PHASE AND CYCLE AVAILABLE FOR EQUIPMENT PRIOR TO ORDERING EQUIPMENT. NO ELECTRICAL EWUIPMENT WILL BE ORDERED UNTIL RECEIPT BY FOOD SERVICE EQUIPMENT CONTRACTOR OR THIS LETTER.
- 22. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SEE THAT HIS PHASE OF THE WORK MEETS AND IS INSTALLED IN ACCORDANCE WITH STANDARDS REQUIRED BY ALL GENERAL, STATE AND FEDERAL LAWS (INCLUDING HEALTH AND FIRE CODES), AND ANY AND ALL CODES PECULIAR TO MUNICIPALITY OR AREA WHERE JOB IS BEING INSTALLED.
- 23. WHERE THE SYMBOLS ARE INDICATED FOR A SOLID CONNECTION A 6'-0" SECTION OF FLEX CONDUIT SHOULD BE STUBBED OUT AT THE PROPER LOCATION AND SHALL BE CONNECTED TO "J" BOX LOCATED IN A CONVENIENT POSITION ON EQUIPMENT AFTER EQUIPMENT HAS BEEN PLACED IN POSITION, IF LOCAL CODES DO NOT PERMIT THIS METHOD, PLEASE CONTACT FOOD SERVICE EQUIPMENT CONTRACTOR IMMEDIATELY.
- 24. IT SHALL BE THE RESPONBILITY OF THE ELECTRICAL CONTRACTOR TO CONTACT FOOD SERVICE EQUIPMENT CONTRACTOR IN THE EVENT THERE ARE DISCREPANCIES BETWEEN THE ELECTRICAL ENGINEERED DRAWINGS AND FIXTURE ELECTRICAL DRAWINGS.
- 25. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SEE THAT ALL LIGHTING FIXTURES ARE PROPERLY SUPPORTED AND MEET LOCAL BUILDING CODES.

- 26. ELECTRICAIN TO PROVIDE DISCONNECT AND/OR THROW OFF SWITCHES FOR ANY EQUIPMENT AS REQUIRED BY LOCAL CODE.
- 27. ELECTRICIAN TO PROVIDE TEMPORARY POWER FOR FOOD SERVICE EQUIPMENT CONTRACTOR INSTALLERS.
- 28. ELECTRICAL CONTRACTOR TO VERIFY SITE AND LOCATION OF ELECTRICAL TRANSFORMER IF REQUIRED PRIOR TO INSTALLATION WITH FOOD SERVICE EQUIPMENT

FIXTURE ELECTRICAL NOTES (CONTINUED)

- CONTRACTOR PROVIDE AND INSTALL TRANSFORMER PER CODE. 29. ELECTRICAL CONTRACTOR TO LABEL AND NUMBER ELECTRICAL PANELS PER FOOD SERVICE EQUIPMENT SCHEDULE. LABEL TO BE TYPED AND INSTALLED IN A
- 30. ELECTRICAL CONTRACTOR TO BE PRESENT AT ALL TRADE INSPECTIONS.

DRAIN LINES IN WALK-IN, REACH-IN, AND/OR FTEEZER BASES.

WATERPROOF MANNER.

- 31. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ELECTRICAL CONTRACTORS FOR ALL ELECTRICAL COOKING EQUIPMENT FOR FIRE CONTROL SYSTERM.
- 31. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ELECTRICAL CONTACTORS FOR ALL ELECTRICAL COOKING EQUIPMENT FOR FIRE CONTROL SYSTEM
- 32. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL HEATER TAPE FOR CONDENSATE
- 33. HOLES AND/OR OPENINGS REQUIRED IN EQUIPMENT AND FIXTURES FOR SERVICE OUTLETS, CONDUIT RUNS, WIRING, ETC, SHALL BE CUT BY THE FOOD SERVICE EQUIPMENT CONTRACTOR ONLY.

# FIXTURE EXHAUST AND MAKE-UP AIR SYSTEM NOTES

- 1. GENERAL CONTRACTOR TO PROVIDE FINISHED SHAFTS AND OPENINGS THROUGH CEILING AND ROOF FOR EXHAUST AND MAKE-UP AIR DUCTS. OPENINGS AND SHAFTS TO BE SIZED AND LOCATED PER FIXTURE EXHAUST MAKE-UP AIR PLAN. EXHAUST DUCTS SHAFTS AND OPENINGS TO BE CONSTRUCTED SO AS TO HAVE MINIMUM 2-HOUR FIRE RATING, OR AS REQUIRED BY GOVERNING CODES.
- 2. ALL ROOF PENETRATIONS MUST HAVE A MINIMUM OF 4" HIGH CURB WITH ROOFING MATERIAL COVED UP FACE SO ONLY TOP SURFACE REQUIRES WERTHERPROOFING GENERAL CONTRACTOR TO WEATHERPROOF ALL ROOF OPENING.
- 3. GENERAL CONTRACTOR TO PROVIDE 6" HIGH PLATFORMS AND SLEEPERS ON ROOF FOR COMPRESSOR PAD AND MAKE-UP AIR UNITS. TOPS OF ALL PADS TO BE COVERED IN GALVANIZED SHEET METAL BY GENERAL CONTRACTOR VERTIFY SIZE AND LOCATION OFPADS WITH FIXTURE SHEET METAL FABRICATOR AND REFRIGETATION
- 4. ELECTRICAL CONTRACTOR TO PROVIDE POWER ON FOOF FOR THE CONNECT ALL EXHAUST AND MAKE-UP AIR SYSTEM COMPONENTS. SUPPLY SHUT-OFF OR DISCONNECT SWITCHES FOR EACH UNIT SO THAT EACH PIECE OF EQUIPMENT CAN BE SWITCHED OFF ON ROOF. ALL ELECTRICAL LINES, CONNECTIONS, AND SWITCHES ON ROOF MUST BE WEATHERPROOFED. THIS WORK TO BE DONE BY ELECTRICIAN UNDER HIS CONTRACT WITH THE GENERAL CONTRACTOR. (NOTE: FIXTURE SHEET METAL FAVRICATOR TO SUPPLY MAGNETIC STARTERS AND THERMO-OVERLOAD PROTECTION FOR UNITS UNDER HIS CONTRACT.)
- 5. ELECTRICAL CONTRACTOR TO PROVIDE INSTALL, AND HOOK-UP SWITCH BOXES FOR OPERATING MAKE-UP AIR SYSTEMS, FIXTURE SHEET METAL FABRICATOR TO PROVIDE ELECTRICIAN WITH WIRING DIAGRAM SHOWING CONNECTION OF UNITS. ELECTRICAL CONTRACTOR TO HOOK UP EXHAUST UNITS WITH SINGLE SWITCH WITH
- PLUMBER TO PROVIDE WATER LINES, GAS LINES AND NECESSARY DRAIN ON ROOF FOR AND CONNECT ALL MAKE-UP AIR SYSTEM COMPONENTES. SUPPLY READILY ACCCESSIBLE SHUT-OFF VALVES IN GAS LINES TO EACH DUCT FURNACE AND IN WATER LINES TO EACH EVAPORATIVE COOLER EVAPORATIVE COOLERS TO DRAIN TO ROOF DRAINS. THIS WORK TO BE DONE BY THE PLUMBER UNDER HIS CONTRACT TO THE GENETRAL CONTRACTOR.
- 7. BUILDING HEATING AND VENTILATING CONTRACTOR TO MECHANICALLY VENT ALL RESTROOMS AND STOREROOMS UNDER THE GENERAL CONTRACT. SEE MECHANICAL PLANS.

# NOTES PERTAINING TO FIXTURE CURB AND WALL BACKING PLAN

- ALL CURB DIMENSIONS ARE GIVEN FROM FACE OF FINISHED WALL TO FACE OF FINISHED CURB AND/OR FROM FACE OF FINISHED CURB TO FACE OF FINISHED
- CURB UNLESS OTHERWISE NOTED ON PLAN. 2. ALL CURB HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO TOP OF FINISHED CURB.
- 3. ALL CURBS TO RECEIVE EQUIPMENT AND OR FIXTURES TO BE FINISHED SMOOTH AND LEVEL AND INTERSECTION OF TOP OF CURB AT FINISHED WALL TO BE FINISHED
- ALL CURBS IN AREAS WITH TILE FLOORS TO HAVE COVED TILE ON ALL EXPOSED FACES INCLUDING SET-BACKS AT PARTIALLY EXPOSED FLOOR SINKS.
- 5. ALL AREAS WITH TILE FLOORS TO HAVE COVED TILE BASE UP WALL. BASES

TO BE SET FLUSH WITH FINISHED WALL MATERIAL ABOVE BASE.

ALL EXPOSED CONCRETE FLOORS TO BE SEALED WITH ACID RESISTANT SEALANT. ALL AREAS WITH EXPOSED CONCRETE FLOORS TO HAVE COVED CONCRERE BASE 6" HIGH, UNLESS OTHERWISE SET FLUSH WITH FINISHED WALL MATERIAL ABOVE.

EXCEPTION: WALL BASE WALK-IN COOLER AND FREEZER TO BE 9" HIGH.

7. ALL CARPET TO BE FLUSH WITH ADJACENT FLOORING MATERIAL

SQUARE (NO COVE).

- 8. ALL NECESSARY BACKING FOR CANTILEVER TABLE TOPS, SHELVING, ETC, SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR SEE BACKING PLAN.
- 9. SEE FIXTURE PLAUMBING PLAN FOR LOCATION OF ALL FLOOR SINKS AND FLOOR DRAINS, ALL FLOOR SINKS AND FLOOR DRAINS ARE TO BE SET FLUSH WITH FINISHED FLOOR UNLESS OTHERWISE NOTED ON FIXTURE FLUMBING PLAN, FLUMBING SCHEDULE, AS REQUIRED.
- 10. IN THE EVENT RACEWAY IS INDICATED ON CURB PLAN, THE CONCRETE CONTRACTOR WILL BACK FILL EXPOSED AND ACCESSIBLE OPENING OF RACEWAYS AND OTHER.
- PROVIDE 3/4"RADIUS COVE WHERE FINISHED FACE OF CURB INTERSECTS THE FINISHED FLOOR UNLESS OTHERWISE INDICATED ON PLAN AND EXPOSED CURBS WHERE FINISHED TOP OF CURB INTERSECTS FINISHED WALL.
- 12. ALL SLEEVES, OR CANS FOR DISHTABLES OR POT SINKS TO BE SUPPLIED BY FOOD SERVICE EQUIPMENT CONTRACTOR, BUT INSTALLED BY GENERAL CONTRACTOR.

14. SLEEVES FOR CANTILEVERED STOOL BASES AT COUNTERS, IF USED, TO BE SUPPLIED

DRILLING) ALL SLEEVES FOR DINING TABLE BASES AND EMPLOYEES DINING STOOLS.

- 13. ALL CANTILEVERED BRACKETS FOR TABLE TOPS, WORK TABLES, DISHTABLES, AND SINKS TO BE PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR, BUT INSTALLED BY GENERAL CONTRACTOR IN ACCORDANCE WITH SPECIFICATIONS AND DIMENSIONS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- BY FOOD SERVICE EQUIPMENT CONTRACTOR FOR INSTALLATION INTO CURB BY THE GENERAL CONTRACTOR. 15. FOOD SERVICE EQUIPMENT CONTRACTOR TO SUPPLY AND INSTALL (INCLUDING CORE
- 16. ALL WALLS DIRECTLY ADJACENT TO COOKING ITEMS, SUCH AS BROILERES, FRYERS, OVENS, RANGES, ETC, TO BE CONSTRUCTED OF NON COMBUSTIBLE MATERIALS PER LOCAL CODES.

- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL CONDUIT AND PULL BOXES UNDER THE GENERAL CONTRACT FOR FIXTYRE REFRIGERATION SYSTEM. STAINLESS STEEL COVER PLATES, SIZE OF PULL VOXES TO BE AS SHOWN ON FOOD SERVICE EQIPMENT CONTRACTOR REFRIGERATION PLAM.
- 2. CONDUIT TO BE ROUND APPROVED TYPE, DIAMETER AS INDICATED WITH MINIMUM FENDING RADIUS OF 24" (FACTORY L'S WILL NOT BE PERMITTED). VERIFY WITH CODES TYPE OF CONDUIT REQUIRED. GALVANIZED CONDUIT SHOULD NOT BE USED WITH COPPER REPRIGERATION SYSTEMS..
- 3. ALL HORIZONTAL DIMENSIONS SHOWN ON FIXTURE REPRIGERATION PLAN ARE GIVEN FROM FACE OF FINISHED WALLS TO CENTER LINES OF PULL BOX OR CONDUIT AND/OR FROM CENTER LINE OF PULL BOXOR CONDUIT TO CENTER LINE OF PULL BOC OR CONDUIT, UNLESS OTHERWISE NOTED.
- 4. HEIGHT OF PULL BOXES ON WALLS IS GICEN FROM FINISHED FLOOR TO CENTER LINE OF PULL BOX.
- 5. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT FOR REMOTE CO2, SYRUP AND BEER LINES FOR DISPENSING SYSTEMS AS CALLED FOR ON FIXTURE REFFRIGERATION PLAN.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL COMPRESSOR RACK FOR AND CONNECT COMPRESSORS COMPLETE WITH DISCONNECT SWITCHES, UNLESS NOTED OTHERWISE HEREIN. SEE FIXTURE REFRIGERATION SCHEDULE FOR REQUIREMENTS.
- 7. FIXTURE REFRIGERATION CONTRACTOR TO SUPPLY AND INSTALL ALL COMPRESSORS, LINES, FITTINGS AND VALVES FOR COMPLETE FIXTURE REFRIGERATION SYSTEM.

8. FIXTURE REFRIGERATION CONTRACTOR TO SUPPLY AND INSTALL WELDED ANGLE

CFM'S OF AIR PER H.P. ARE REQUITED TO BE BROUGHT INTO COMPRESSOR

ROOM AND BLOWN SOWN ACROSS THE FACE OF COMPRESSORS, WITH PROPER

GRILLS IN WALL TO SAME AMOUNT OF AIR IF COMPRESSOR ROOM WILL EXCEED

- IRON RACK AND PROTECTIVE HOYSING SIZE TO HOLD ALL REMOTE COMPRESSORS AND CONDENSORS. 9. GENERAL CONTRACTOR TO SUPPLY AIR COMPRESSOR ROOM AS FOLLOWS:1,200
- 100 DEGREES AT ANY TIME, THE AIR BRIUGHT IN MUST BE COOLED. 10. ELECTRICAL CONTRACTOR TO PROVIDE 4-WIRE, OR 5-WIRE TO 7-WIRE COLOR CODED SERVICE FROM FREEZER COMPRESSOR AND TIME CLOCK TO FREEZER BLOWER
- 11. CONDUIT RUNS ON PLAN FOR SYRUP LINES, CO2 GAS LINES AND REFFRIGERATION LINES ARE SHOWN ONLY SCHEMATIC: CONDUIT SHALL NOT EXCEED 45 FEET IN LENGTH ON HORIZONTAL OR BERTICAL ROUNS. AND NO MORE THAN THREE (3) CONDUIT BENDS WITHOUT TERMINATING IN A 12"X12"X4" PULL BOX. PULL BOX LOCATIONS SHALL BE AXXESSIBLE FOR PULLING OF LINES, CINDUIT BENDS MUST HAVE A MINIMUM RADIUS OF 24".

COIL IN FIXTURE FOR AUTOMATIC DEFROST SUSTEM.

- 12. GENERAL CONTRACTOR TO PROVIDE 6" HIGH PLATFORM ON ROOF. TOP OF PLATFORM COVERED WITH GALVANIZED SHEET METAL. SEE PLAN AND/OR SCHEDULE FOR SIZE.
- 13. REFRIGERATION CONTRACTOR TO PROVIDE HERTER TAPE FOR FREEZER DRAIN LINE. ELECTRICAL CONTRACTOR TO HOOK-UP.

### DEMOLITION PLAN NOTES

- REMODELING AND REHABILITATION LIABILITY DISCLAIMER (VERIFICATION OF EXISTING
- 2. Inasmuch as the remodling and/or rehabilitation of an existing building requires THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY, OR DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF THE BUILDING, THE OWNER AND/OR LANDLORD SHALL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGN PROFESSIONAL'S SERVICE PROVIDED ON THESE DOCUMENTS AND
- 3. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING AREAS FROM
- 4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT AND/OR TENANT
- CONSTRUCTION COORDINATOR OF ANY DISCREPANCIES
- 6. ALL REMOVED DOOR ASSEMBLIES ARE TO BE SAVED. REUSE EXISTING DOOR ASSEMBLIES THROUGHOUT, SURPLUS MATERIALS TO BE REMOVED FROM SUITE AND STORED AT DESIGNATED BUILDING STORAGE. CLEAN AND REPAIR RELOCATED DOOR ASSEMBLIES AS
- 7. Special care shall be taken in the demolition of plumbing and electrical items. A. VERIFY THAT WATER HAS BEEN TURNED OFF AT THE SOURCE TO PRECLUDE WATER DAMAGE TO FLOORS, CEILING AND WALLS. B. VERIFY THAT THE ELECTRICAL CIRCUIT TO THE DEMO ITEM AS BEEN SHUT OFF. DO NOT
- 9. THE CONTRACTOR SHALL CHIP-OUT CONCRETE TO CUT OFF ALL BOLTS, CONDUITS, ETC. 1" BELOW TOP OF EXISTING SLAB UNLESS OTHERWISE NOTED. FILL-IN CONCRETE TO LEVEL

SLAB AS REQUIRED.

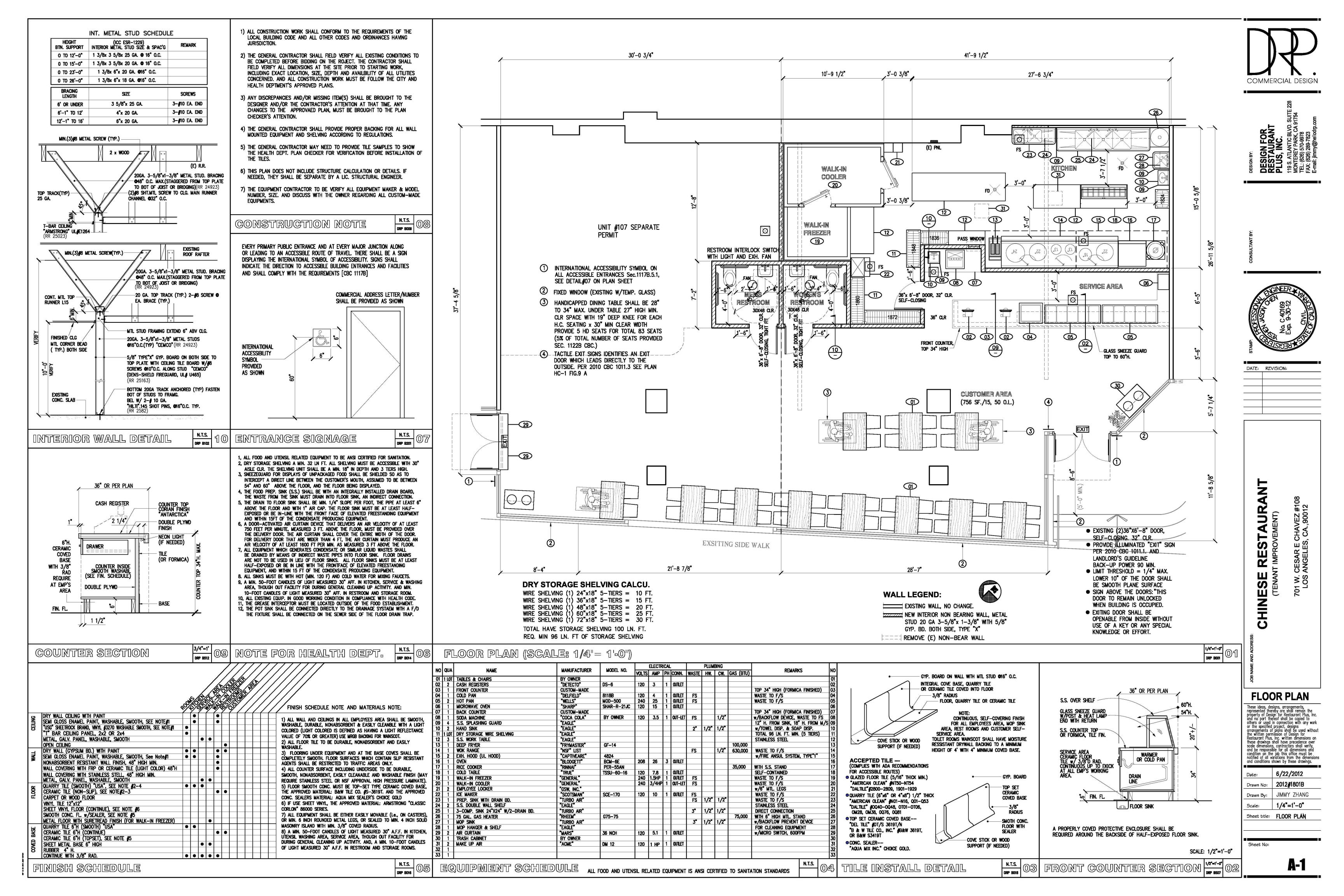
- 11. WHERE PARTITIONS ARE BEING REMOVED OR ADDED, PATCH AND REPAIR CEILING GRID AND TILES AS REQUIRED.
- 13. REPAIR OR REPLACE ANY LIGHT FIXTURE NOT IN WORKING ORDER OR DAMAGED BY DEMOLITION. REUSE ALL LIGHT FIXTURES THAT MUST BE REMOVED DUE TO NEW WALL
- 14. WHERE OR REPLACE ANY LIGHT FIXTURE NOT IN WORKING ORDER OR DAMAGED BY DEMOLITION. REUSE ALL LIGHT FIXTURES THAT MUST BE MOVED DUE TO NEW WALL
- AND CONDUITS TO POINT OF ORIGIN. REMOVE AND RELOCATE LIGHT SWITCHES AND THERMOSTATS AS REQUIRED.
- 16. WHERE OUTLETS ARE BEING REMOVED, PATCH AND REPAIR WALL AS REQUIRED.
- COVERING, WHERE INDICATED ON PLANS.

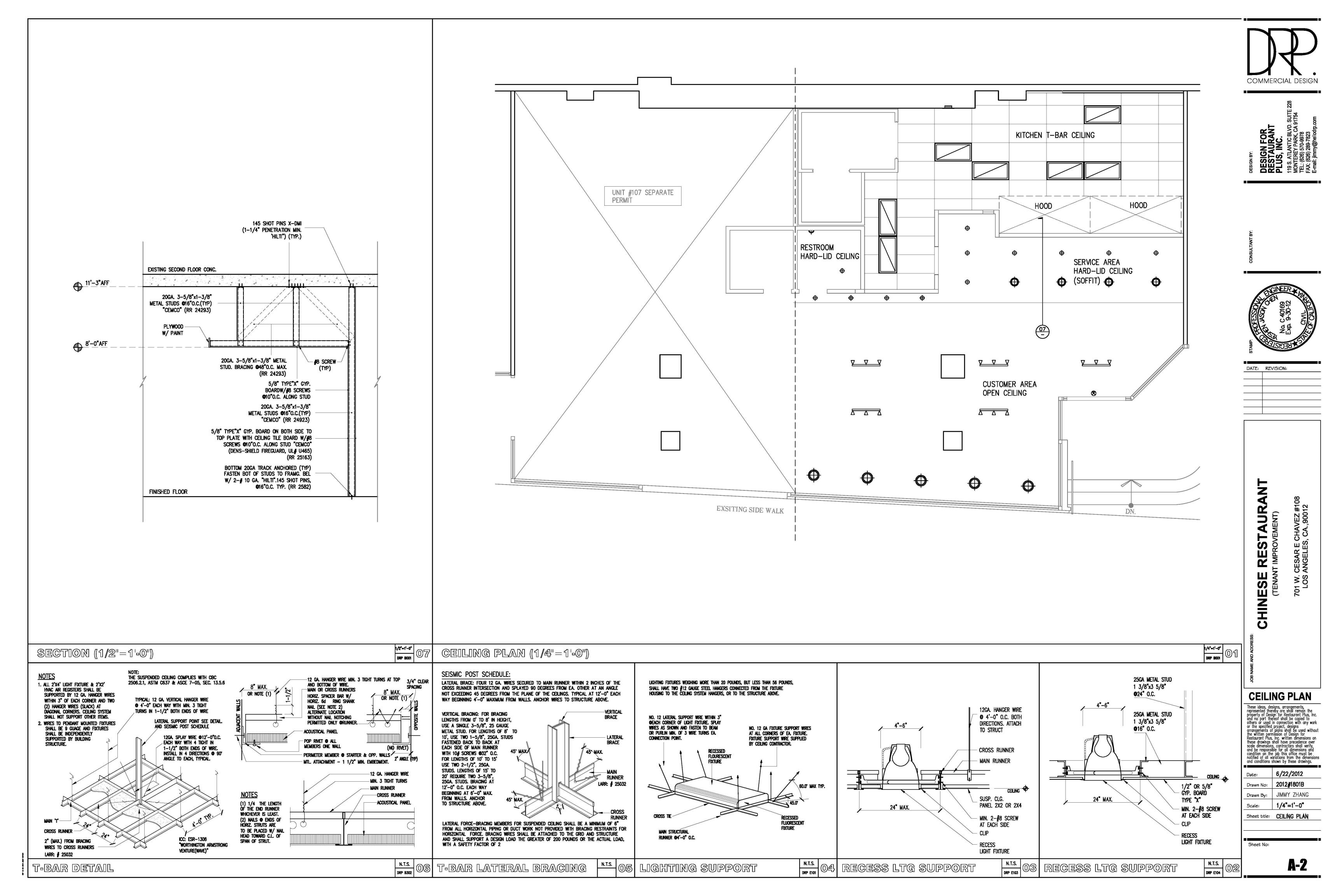
18. REMOVE ALL EXISTING WALL COVERING AND PROP WALLS FOR NEW COVERING OR PAINT AS

19. THE CONTRACTOR SHALL VERIFY THAT ANY WALLS THAT ARE TO BE DEMOLISHED ARE NOT LOAD BEARING OR ACTING IN ANY STRUCTURAL CAPACITY BEFORE REMOVING.

UNDER THEIR AGREEMENT.

- TRAFFIC OR MOVEMENT OF MATERIAL.
- 5. REMOVE EXISTING PARTITIONS AS SHOWN ON PLAN, PATCH AND REPAIR AS REQUIRED.
- LEAVE EXPOSED WIRING IN AN UNSAFE CONDITION, ANY EXISTING CIRCUITS TO BE RE-USED SHALL BE LABELED ON THE APPROPRIATE PANEL.
- 8. REMOVE EXISTING GLAZING AND FRAME, COORDINATE WITH BUILDING OWNER FOR STORAGE.
- 10. REPLACE AND REPAIR CEILING TILES AS REQUIRED DUE TO DAMAGE CAUSED BY DEMOLITION OR AN EXISTING CONDITION. CEILING QUALITY TO BE CONSISTENT THROUGH OUT
- 12. CLEAN, REPAIR AND RE-USE ALL EXISTING AIR SUPPLY DIFFUSERS AND RETURN AIR GRILLES AS REQUIRED.
- 15. WHERE PARTITIONS ARE BEING REMOVED, REMOVE ALL EXISTING POWER AND SIGNAL WIRES
- 17. REMOVE ALL EXISTING FLOOR COVERING AND PREP AND LEVEL FLOORS FOR NEW FLOOR
- REQUIRED. WHERE INDICATED ON PLANS.





## • IDENTIFICATION SYMBOLS

(for sanitary facilities)

- **DOOR MOUNTED SIGNAGE** (See Fig.1)
- A. (Men's) Equilateral triangle 1/4" thick with edges 12' long and a vertex pointing upward.
- B. (Women's) 12"diameter circle 1/4"thick with 1/4"thick triangle superimposed within circle.
- C. (Unisex)-12" diameter circle 1/4" thick with 1/4" thick
- triangle superimposed within circle. D. The characters and background of the sign is eggshell, matte, or other non-glare finish and the colo and contrast of the sign distinctively contrasts with
- the color and contrast of the door. E. Signs are centered on the door 60" from floor.

#### Wall Mounted Signage

- F. The international symbol of accessibility is installed on the wall adjacent to the latch side of the door. The border dimension of this pictogram shall be a minimum of 6" in height.
- G. Verbal description as to restroom usagéi.e. Men's Restroom, etc.), is placed directly below the symbol of
- H. The characters and background of the sign is eggshell,matte, or other non-glare finish and the color and contrast of the sign distinctively contrasts with
- the color and contrast of the wall. I. Signs are centered on the wall 60" from the floor.
- J. Letters and numerals are raised 1/32", are sans-serif uppercase characters and are accompanied by Grade
- 2 Braille. Characters are minimum 5/8"high and a maximum of 2" high. K. Mounting locations allows a person to approach within 3" of the signage without encountering

protruding objects or standing within the swing of a

- SINGLE ACCOMMODATION TOILETS
- (See Fig.2 and Fig.3) A. Except at doors, the minimum clear width of an
- accessible route in facility is 36". B. Entry door has privacy latchpush button-lever
- C. Sufficient space for wheelchair measuring 30"x 48" to
- enter room and permit the door to close is provided. D. A clear space of sufficient size top inscribe a 60"
- E. 60" space is clear of objects from the floor to a height DD. Toilet paper dispenser allows continuous paper flow

diameter circle is provided within the sanitary facility

- F. No door encroaches into required 60" clear space.
- G. 48"min. clear space is provided in front of the water
- Min. 30" x 48" clear floor spaces is provided H. 18" between center of water closet and side-wall One full-unobstructed side of the clear floor space Adjoins or overlaps an accessible route or another 1. 28" minimum clear space is provided from the water Wheelchair clear floor space. closet to any fixture, or a minimum 32" wide clear
- space to the opposite wall. J. Top of toilet seat is 17"-19" from floor surface.

K. Flush valve is on wide side of toilet area.

- L. 44" max. from floor to flush valve. M. 5 Lb.Max. force to operate flush valve.
- N. Walls within compartment are smooth, hard and nonabsorbent to 48" in height, and are not adversely affected by moisture.
- 0. Floor surfaces of toilet room are smooth, hard and non-absorbent extending upward a minimum of 5"
- P. Side grab bar is a minimum 42" long and extends 24' beyond the front of the water closet.
- Q. The forward end of the side grab bar is a located a minimum of 54" from the back wall.
- R. Side grab bar begins a maximum of 12" from the rear
- S. Rear grab bar is a minimum 36" long.
- T. Rear grab bar begins a maximum of 6" from the corner of the wall on the toilet side.
- U. Diameter of grab bar(s) is 1-1/4" 1-1/2".
- V. Clearance between the grab bar(s) and wall is 1-1/2".
- W. Grab bars are mounted at 33" to center of bar above and parallel to floor. (For tank type toilets, 36" may be allowed if tank obstructs placement of bar).
- X. Bars are smooth with a min. radius of 1/8". Y. Min. structural strength of grab bar(s) will support a 250 lb.Point load.
- Z. Grab bars do not rotate within their fittings.
- AA. Surface of wall adjacent to grab bar(s) is free of
- sharp or abrasive elements. BB. Toilet paper dispenser is located on the wall within 12" of the front dege of the toilet seat.
- CC. 19" minimum height from floor to centerline of toilet paper dispenser. (location below grab bar suggested)
- and does not control delivery.

# LAVATORIES

- A. Min. 30" x 48" clear space is provided in front of lavatory that allows forward approach. B. Required clear space adjoins or overlaps an
- underneath the lavatory. C. Lavatories adjacent to a side wall have a min. 18"
- distance to center of fixture. D. 34" max. height of rim or counter above floor surface.
- E. 29" min. clearance from bottom of apron to the floor.
- F. Knee clearance under front lip is a min. of 27" high,
- 30" wide, and extends a min.of 8" in depth from the front of the lavatory G. Toe clearance under lavatory is a min. of 9" high, 30"
- wide, and extends a min. of 17" in depth from the front of the lavatory. H. Drain and hot water piping is insulated or configured
- to prevent contact.
- I. There are no sharp or abrasive elements under
- J. Faucets are lever type, electronically activated or approved self closing valves (Min.10 seconds open
- K. Faucets are operable with one hand and do not require tight grasping, pinching or twisting of the
- L. 5 lb. max. force required to activate controls.

INTERPRETATIONS: Possibly the most common design and construction error regarding lavatory must be a min. of 29" high and extend back a min. of 8" from the front edge. Lavatory bowls with excessive depth oftentimes restrict this required clearance even when the top of the bowl is mounted at the max. allowed 34". This situation i of particular importance in Alterations, as many older model lavatories simply cannot provide for both max. mounting height and required knee clearance. It is also important to understand that the drain piping cannot encroach into the required knee clearance. The fact that

NOTE: DASHED LINE INDICATES DIMENSIONAL CLEARANCE

OF OPTIONAL, UNDERLAYTORY ENCLOSURE. 15450H01-LAV

- an individual's knees may be able to slip past the piping on either side is of no consequence: the min. required clearances must be provided. To prevent possible problems, it is highly recommended that plan drawings specify lavatory models that provide a full 8" clearance from the front of the unit to any piping and additionally provides for a max. allowable bowl depth of 6-1/2". The required clearances between lavatories and sinks are different and should not be confused. Although California's accessibility guidelines do not presently contain specific guidelines for sinks, the ADAAG does. \_avatories require min. knee clr. of 30"wx27"hx8"d; sinks require min. knee clearances that are min. of 30" wide by 29" high, however the depth of this clearance must maintain an absolute distance of 19" from the front of the sink. In addition, federal guidelines restrict each sink to a max. depth of 6-12" for applicable requirement
- ACCESSORIES IN SANITARY FACILITIES A. Minimum 30" x 48" clear floor or ground space is provided to allow forward or parallel approach to
- B. One full unobstructed side of the clear floor or ground spaces adjoins or overlaps an accessible route or adjoins wheelchair clr. fl. Space.
- C. Mirror(s) is mounted with the bottom edge on higher
- than 40" from the floor. D. Operable parts (including coin slots) of all fixtures or accessories are located a maximum of 40" above floor (i.e., soap dispensers, towels toilet seat covers, autodryers, sanitary napkin dispensers, waste receptacles,
- E. Controls and operating mechanisms are operable with one hand and do not require tight grasping, pinching,
- or twisting of the wrist. F. The force required to activate controls is 5 lb. max.
- G. Coat hooks and shelving are located within appropriate reach ranges (48" max. above floor
- H. If medicine cabinets are provided, at least one has a usable shelf no higher than 44" above floor.

6" MAX. TOE

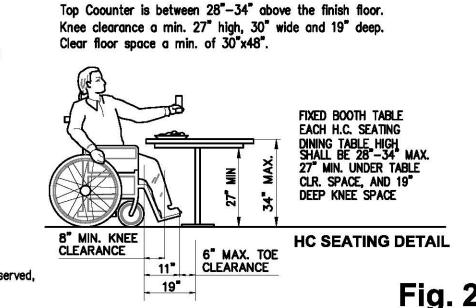
Fig. 7

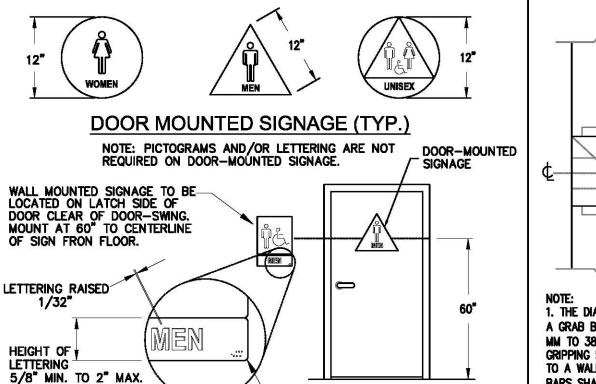
**CLEARANCE** 

#### DINING. BANQUET AND BAR FACILITIES <u>Seating</u>

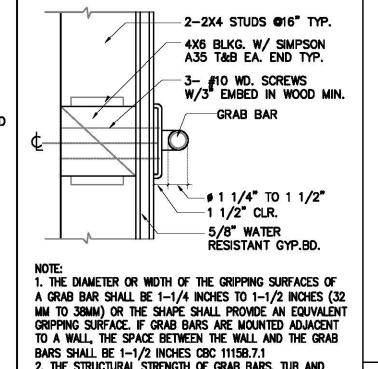
A. At least 5%, but not less than one of the seating spaces in each functional area is accessible as follows

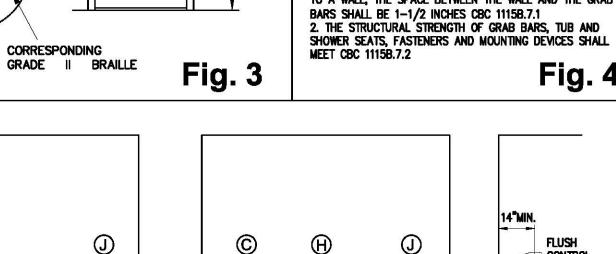
- Knee space at tables is at least 27"Hx30"Wx19"D. Height of tables between 28"-34" from the floor or ground. B. Access to accessible seating space(s) is provided by Main aisles a min. of 36" in width.
- C. Equivalent services and decor are provided at Accessible seating space as for the public.
- <u>Counters</u> D. Counters that exceed 34" in height, where food or drink is served, have a minimum 60" long portion.





CORRESPONDING

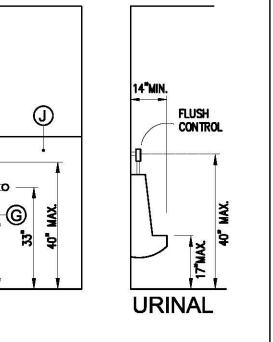




2 ELEVATION

DOOR HARDWARE

RUBBER BUMPER ON CHAIR



1/2" MAX.-

Fig. 6

1/4" MAX.-

2:1 BEVEL MAX.

Thresholds 🖟

OR PROVIDE KICK PLATE

A LAVATORY: 1. NO SHARP OR ABRASIVE SURFACES

ELEVATION

UPPERCASE

**CHARACTERS** 

- UNDER LAVATORY. 2. LEVER FAUCET CONTROLS OPERABLE. WITH ONE HAND AND 5 LBS. MAXIMUM FORCE. 3. HOT WATER SUPPLY AND DRAIN PIPING
- WATER CLOSET: 1. FLUSH CONTROL HANDLE ON WIDE SIDE WITH 3 LBS. MAXIMUM OPERATING FORCE.
- 1. 1-1/4" TO 1-1/2" ROUND STEEL BARS WITH 1-1/2" CLEARANCE (FOR TANK TYPE TOILETS. > 님
- 36" ABOVE FLOOR MAY BE ALLOWED IF TANK OBSTRUCTS PLACEMENT OF BARS). 2. PROVIDE SOLID BACKING FOR MOUNTING
- 3. NO ROTATION PERMITTED IF FITTINGS USED.
- MIRROR (E) SOAP DISPENSER.

PUSH SIDE

INSULATED.

- PAPER TOWEL DISPENSER. © TOILET PAPER HOLDER.
- TOILET SEAT COVER DISPENSER. SMOOTH, HARD, NONABSORBENT SURFACE (TILE, CEMENT, MARLITE ETC).

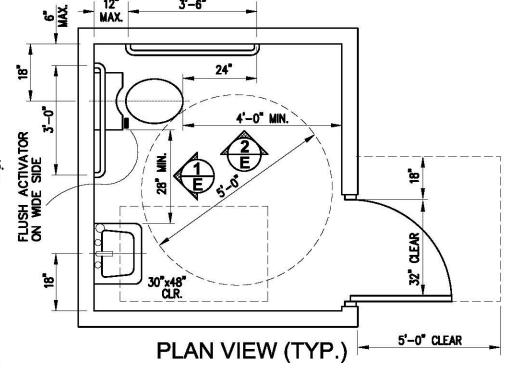
CLEAR AT INTERIOR

PROVIDE THIS ADDITIONAL SPACE

IF DOOR IS EQUIPPED

WITH BOTH A LATCH

AND A CLOSER.



# SINGLE OCCUPANCY DISABLED TOILET (TYP.)

Fig. 5 ENTRANCES & EXITS, DOORS All entrances and exterior ground-floor exit doors to buildings and ficilities shall be made accessible to persons with

EXIT

THIS SIGN IDENTIFIES AN

EXIT DOOR WHICH LEADS

DIRECTLY TO THE OUTSIDE

(AT FRONT EXIT DOOR)

TACTILE EXIT SIGNS

of the door and the opposite stop 1133B.2.2

disabilities. 1133B.1.1.1.1 2. Every required exit doorway shall be of a size as to permit the installlation of a door not less than 3 feet in width and not less than 6 feet 8 inches in height, when installed in exit doorways, exit door shall be capable of opening at least 90 degrees and shall be so mounted that the clear width of the exitway is nit less than 32 inches measured between the face

REFER TO THE NOTES FOLLOWING CBC FOR MORE INFORMATION ON THE DESIGN OF CURB RAMPS AND CURB CUTS FOR WALKWAYS AND ACCESS AISLES. THE PICTURE BELOW IS ONLY

70SQ INCH ACCESSIBILITY

SIGN PER SECTION 1129B.5

RETAINING CURB

SINGLE OR DOUBLE PARKING STALLS

FIGURE 11B-18A AND 18B

1/2" RADIUS

REFLECTORIZED SIGN

LETTERING ON SIGN

MUST BE A MINIMUM OF 1" IN. HEIGHT

BEADED TEXT OR EQUAL

APPROPRIATE INFORMATION

MUST BE INCLUDED ON SIGN

(MINIMUM OF 1" IN. HEIGHT)

EACH EXIT DOOR THAT LEADS DIRECTLY A GRADE-LEVEL EXTERIOR

EXIT BY MEANS OF AN EXIT **ENCLOSURE TO EXIT PASSAGEWAY:** 

EACH GRADE-LEVEL

EXTERIOR EXIT DOOR

CONSTRUCTED OF PORCELAIN STEEL WITH ← 8.33%

WHEEL STOP

BLUE COLOR

STRIPES @ 36"o.

MAX.SLOPE IS

1/4":12"(2%) IN

TYPICAL PAVEMENT

SYMBOL PER SECTION

1129B.5MUST BE VISIBL

TO A TRAFFIC OFFICER

WHEN CAR IS IN STALL

RESERVED FOR

PERSONS

w/DISABILITIES

w/DISABILITIES

MIN. FINE \$250

**EXIT** 

**ROUTE** 

-04 : - 14 MCW

THIS SIGN IS LOCATED ADJACENT TO A

DOOR DESIGNATED AS AN EXIT WHICH

SPACE LEADING TO AN EXIT.

**B** (AT REAR EXIT DOOR)

LEADS INTO A PASSAGE OR ENCLOSED

VAN ACCESSIBLE 36" MIN.

TO TOP OF

**WALKING SURFACE** 

Fig. 8

Fig. 7

ONE OF THE EXAMPLES.

ACCESSIBLE

PARKING STALL PAINT

PARKING" IN 12" HIGH

OUTLINE SPACE & SYMBOL

IN WHITE WITH SYMBOL ON

OUTLINE SPACE BLUE &

UNAUTHORIZED VEHICLES
PARKED IN DESIGNATED
ACCESSIBLE SPACES
NOT DISPLAYING
DISTINGUISHING PLACARDS.
R SPECIAL LICENCE PLATES
ISSUED FOR PERSONS
WITH DISABILITIES
WILL BE TOWED AWAY AT
CHARPES EXPENSY.

NOTE: SIGN TO BE CENTERED AT

Parking Space.

THE INTERIOR END OF

AREA OF SIGN TO BE

A MIN. OF 70 SQ. IN.

DESIGNATE FOR "VAN

ACCESSIBLE" WHERE

APPROPRIATE.

EMBLEM MUST BE LOCATED IN

STALL SO THAT IS VISIBLE BY A

TRAFFIC ENFORCEMENT OFFICER

WHEN A VEHICLE IS PROPERLY

AT ENTRANCE TO STALL

RECOMMENDED)

PARKED IN THE SPACE (CENTERED

OUTLINE SYMBOL IN WHITE

THE WORDS "NO

WHITE COLOR

LETTERS MIN.

- 3. The floor or landing shall not be more than 1/2 inch lower then the threshold of the doorway. 1133B.2.4.1 4. The level area shall have a length in the direction of door swing of at least 60 inches and the length opposite the direction of door swing of 48 inches as measured at righ angles to the plan of the door its closed position. 1133B.2.4.2
- 5. The width of the level area on the side to which the door swing shall extend 24 inches past the strike edge of the door for exterior doors and 18 inches past the strike edge for interior doors. 1133B.2.4.3 6. Maximum effort to operate doors shall not exceed 5 lbf for
- exterior and interior doors, such pull or push effort being applied at right angles to hinged doors and at the center plane of slideing or folding doors, compensating divices of automatic door openators may be utilized to meet the above standards, when fire door are required, the maximum effort to operate the door may be increased to The minimum allowable by the appropirate administrative authority, not exceed 15 lbf
- . Hand—activated door—opening hardware shall be centered between 30 inches and 44 inches above the floor. Latching and locking doors that are hand-activated and which are in a oath of travel shall be operable with a single effort by ever—type hardware, panic bars, push—pull activating bars, or other hardware designed to provide passage without requiring the ability to grasp the opening hardware. Locked exit doors shall operate as above in egress direction. 1133B.2.5.2 The bottom 10 inches of all doors except automatic and

Fig. 9

- sliding doors shall have a smooth, uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. 1133b.2.6 (DRP) \* ACCESSIBLE PARKING REQUIRED 1. Accessible parking spaces shall be located on the shortest possible accessible route to an accessible building, or covered
- multifamily dwelling unit entrance. all van accessible spaces may be grouped on one level of a parking facility. 1129B 2. Single spaces shall be 14 feet wide and lined to provide a 9 foor wide parking area and a 5 foot wide loading and unloading access aisle on the passenger side of the vehicle with the vehicle parked in the forward position. 1129B.3.1

VAN ACCESSIBLE PARKING SPACE

I. Each space shall be served by a loading and unloading access aisle at least 8 feet wide, placed on the passenger side with the vehicle parked in the forward position. . The words "NO PARKING" shall be painted on the ground within each 8 foot wide loading and unloading access aisle. The notice shall be painted in white letters no less than 12 inches high and located so that it is visible to traffic

Site development and grading shall be designed to provide access

to all entrances and exterior ground floor exits, and access to normal path of travel, and where necessary to provide access, shall incorporate pedestrian ramps, curb ramps, etc. access shall be provided within the boundary of the site form public transportation stops, accessible parking spaces, passenger loading zones if provided, and public streets or sidewalks. when more than one building or facility is located on a site, accessible routes of travel complying with section 1114b.1.2 shall be provided between buildings and accessible site facilities, accessible elements, and accessible space that are on the same site. the accessible route of travel shall be the most practical direct route between accessible building entrances, accessible site facilities and the accessible entrance to the site. if access is provided for pedestrians from a pedestrian tunnel or elevated walkway, entrances to the

1. ELECTRICAL SWITCHES. The center of the grip of the operating handle of controls or switches intended to be used by the occupant of the room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment, shall be 48 inches (1219 mm) above the floor or working platform. 1117B.6.5.1

building from each tunnel or walkway must be accessible

2. ELECTRICAL RECEPTACLE OUTLETS. The center of electrical receptacle outlets on branch circuits of 30 amperes or less shall be installed not more than 48 inches (1219 mm) nor less than 15 inches (381 mm) above the floor or working

l. The sign shall not be smaller than 70 square inches in area and, when in path of travel, shall be posted at a minimum height of 80 inches from the bottom of the sign to the parking space finished grade. Signs may also be centered on the wall at the interior end of the parking space. Spaces complying with Section 1129b.3, Item 2 shall have an additional sign stating "Van—Accessible" mounted below the symbol of accessibility. Signs identifying accessible parking spaces shall be located so they cannot be obscured by a

vehicle parking in the space. The sign shall not be less than 17 inches by 22 inches in size with lettering not less than 1 inch in height, and shall clearly and conspicuously state the following: "Unauthorized vehicles parked in designated accessible

spaces not displaying distinguishing placards or license plate issued for persons with disabilities will be towed away at owner's expense. Towed vehicles may be reclaimed \_\_\_\_or by telephoning\_

COMMERCIAL DESIGN



DATE: REVISION:

HINESE

# **HC DETAILS**

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and conditions shown by these drawings. 6/22/2012

Drawn No: 2012#1801B Drawn By: JIMMY ZHANG

Sheet title: HC DETAILS

#### GENERAL NOTE AND LEGEND

#### GENERAL NOTES

- 1. BEFORE SUBMITTING BID, THE ELECTRICAL CONTRACTIR SHALL VISIT THE JOB SITE AND FULLY AQUAINT HIMSELF WITH THE JOB CONDITION, SERVICE REQUIREMENTS BY UTILITY COMPANY AND CONNECTIONS, AND THER CONDITIONS INCLUDING TRANSFORMER PAD, ALL NECESSARY PULL BOXES, JUNCTION BOXES, SIZE AND NUMBER OF CONDUITS & CONDUCTORS, CONDUIT FITTINGS, SERVICE COMPONENTS, PANELBOARDS, ETC., WHETHER. SHOWN ON DRAWINGS OR NOT, TO MAKE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM WITHOUT ADDITIONAL COST TO OWNER.
- 2. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL LOCAL LAWS, RULES AND REGULATIONS OF ALL LEGALLY CONSTITUTED PUBLIC AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, THE MOST RESTRICTIVE SHALL APPLY. FOLLOW THE LOCAL LAWS, RULES AND REGULATIONS FOR ANY CONFLICTS BETWEEN THE CONTRACT DRAWINGS AND THE LAWS, RULES AND REGULATION.
- 3. THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS FOR THE EXECUTION OF THE WORK UNDER THIS CONTRACT. HE SHALL FURNISH ALL INSTRUMENTS AND PERFORM ALL TESTS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. HE SHALL ALSO CORRECT ALL FAILURES AND REPLACE ANY DAMAGED PORTIONS OF THE WORK RESULTING FROM THESE TESTS. THE COST OF THE FOREGOING ITEMS SHALL BE PAID BY THE CONTRACTOR.
- 4. THE CONTRACTOR SHALL COORDINATE CLOSELY WITH THE OWNER AND OTHER TRADES FOR ALL PHASES AND SCHEDULING OF WORK, AND AUTHORIZED IN WRITTING BY THE
- OWNER AT LEAST ONE WEEK PRIOR TO THE EXECUTION OF ANY WORK. 5. ALL MATERIAL FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE NEW AND UL LISTED, FREE FROM ALL DEFECTS, AND SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE OF THE WORK.
- 6. THE ELECTRICAL DRAWINGS, CONDUIT RUNS, WIRINGS AND ELECTRICAL INFORMATIONS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE
- LOCATION OF EQUIPMENT OR OUTLETS. 7. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT OCATIONS OF ALL
- LIGHTING FIXTURES, CEILING MOUNTED OUTLETS AND EQUIPMENT. 8. ALL RECEPTACLES AND OUTLET MOUNTING HEIGHTS AND EXACT LOCATION SHALL BE COORDINATED WITH ARCHITECTURAL, DRAWINGS ELEVATIONS PRIOR TO ROUGH-IN WORK. 9. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY TYPES OF CEILING SYSTEMS
- AND TO FURNISH APPROVED LIGHTING FIXTURES OF THE TYPE REQUIRED FOR MOUNTING IN RELATED CEILINGS. FIXTURES SHALL BE COMPLETE WITH NECESSARY MOUNTING HARDWARE AND ACCESSORIES. FIXTURES LOCATED IN DAMP OR WET LOCATIONS SHALL BE LABELED FOR USE IN SUCH LOCATIONS.
- 10. ALL RECESSED LIGHTING FIXTURES, SPEAKERS, PANELBOARDS, SWITCHES, ETC., MOUNTED IN FIRE RATED STRUCTURES SHALL BE ENCLOSED WITH AN APPROVED ENCLOSURE
- CARRYING THE SAME FIRE RATING AS THE STRUCTURE. 11. ELECTRICAL OUTLETS ON OPPOSITE SIDES OF FIRE RATED WALLS AND PARTITIONS MUST BE SEPARATED BY DISTANCE OF 24 INCHE HORIZONTAL, C.B.C 713.3.2 OPENINGS IN FIRE RATED WALLS GREATER THAN 16 SQ. INCHES MUST BE FIRE STOPPED.
- 12. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS, FLOORS, ETC., TO MAINTAIN THE FIRE RATING. FURNISH AND INSTALL FIRE RATED ENCLOSURE FOR ALL EQUIPMENT PENETRATING INTO FIRE RATED ENVELOPES, SPACES ETC. PER SEC. 713, CBC, 2010. 13. PORTIONS OF THE CEILING SYSTEMS MAY BE INACCESSIBLE. THEREFORE, THE
- CONTRACTOR SHALL STRATEGICALLY LOCATE ACCESS BOXES, ETC., WHICH SHALL BE READILY ACCESSIBLE. ALL LIGHTING FIXTURE WIRING, BALLASTS, J-BOXES, ETC. SHALL BE ACCESSIBLE FROM FIXTURE OPENING. 14. ALL WIRING AND ELECTRICAL EQUIPMENT INSTALLED FOR MECHANICAL AND PLUMBING EQUIPMENT SHALL BE IN ACCORDANCE WITH DIVISION 15 AND ASSOCIATED DRAWINGS. CONTRACTOR TO OBTAIN THE REQUIRED MECHANICAL AND PLUMBING DRAWINGS AND
- PROVIDE ALL EQUIPMENT, RACEWAYS, WIRING, ETC., AS INDICATED THEREON AS PROVIDED UNDER THE ELECTRICAL WORK. 15. ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTOR UNLESS OTHERWISE NOTED. VERIFY ELECTRICAL CHARACTERISTICS AND U.L.
- LISTING PRIOR TO CONNECTION. 16. THE CONTRACTOR SHALL VERIFY THE LOAD INPUT VOLTAGE OF ALL EQUIPMENT PRIOR TO INSTALLATION. ACCEPTING ANY EQUIPMENT RESULT IN LOAD INCREASE SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
- 17. PROVIDE AN ADDITIONAL JUNCTION BOX (SIZE AS REQUIRED) WHERE THE NUMBER OF CONDUCTORS EXCEEDS THE MAXIMUM ALLOWED FOR A GIVEN JUCTION POINT OR OUTLET.
- 18. CONDUCTORS SHALL BE THHN/THWN 600VOLT INSULATION COPPER UNLESS OTHERWISE NOTED. USE PROPER TEMPERATURE RATING OF CONDUCTORS BASED ON THE AMBIENT AIR TEMPERATURE WHERE CONDUCTORS ARE BEING USED. HIGHER AMPACITY CONDUCTORS AND LARGER RACEWAY SHALL BE PROVIDED TO OFFSET THE AMPACITY CORRECTION FACTORS AS INDICATED IN NEC TABLE 310 AND ELSEWHERE IN CODE.
- 19. DO ALL DRILLING, CUTTING, CHANNELING AND PATCHING REQUIRE TO ELECTRICAL WORK AND INDICATED OR HEREIN SPECIFIED. ALL HOLES, CURBS, ETC., IN FLOORS, CEILINGS AND WALLS SHALL BE PATCHED, UNLESS INDICATED OTHERWISE. PAINT ALL EXPOSED ELECTRICAL RACEWAYS, CABINETS, ENCLOSURES AND FITTINGS TO MATCH IN COLOR ADJACENT SURFACES IN FINISHED AREAS. CBC SEC. 1006.3(B)
- 20. EMERGENCY LIGHTING SHALL BE PROVIDED PER C.B.C. SEC. 1006.3(B) OR LOCAL CODE AND SHALL BE DESIGN TO PROVIDE MINIMUM REQUIRE FOOTCANDLES AND LUMENS. BRANCH CONTROL CIRCUITING MAY NOT BE INDICATED ON THESE PLANS, CONTRACTOR IS RESPONSIBLE TO COMPLETE THE BRANCH CIRCUIT WIRING IN ACCORDANCE WITH PLAN NOTES AND AS PERMITTED BY LATEST NATIONAL ELECTRICAL CODE (N.E.C.) AND ANY LOCAL SUPPLIMENT. CONTRACTOR SHALL SUBMIT FINISH DRAWINGS ÀS A PART OF SHOP
- DRAWING SUBMITTAL TO ARCHITECT AND AUTHORITY HAVING JURISDICTION. 22. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA. [NON HEALTH CARE FACILITY INCLUDE OSHPD NOTES FOR HEALTH CARE FACILITY] 33% OF OPERATING WEIGHT FIXED EQUIPMENT ON GRADE 50% OF OPERATING WEIGHT FIXED EQUIPMENT ON STRUCTURE
- EMERGENCY POWER AND COMMUNICATION EQUIPMENT ON 50% OF OPERATING WEIGHT EMERGENCY POWER AND COMMUNICATION ON STRUCTURE 75% OF OPERATING WEIGHT FOR FLEXIBLE MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE. CONDUIT, BUSDUCT, CABLE TRAY, WIREWAYS, ETC., SHALL BE BRACED IN A

ACCORDANCE WITH "GUILDELINE", PUBLISHED BY SMACNA AND PPIC.

LEGEND AND NOTES

MOTOR RATED SWITCH, HP RATED

	GFCI OUT-LET
Sa	SINGLE POLE TOGGLE SWITCH 20 AMP, 120 V, @ 36"-48" AFF
Sa S2 S3	DOUBLE POLE TOGGLE SWITCH 20 AMP, 120 V, ● 36"-48" AFF
$S_3^2$	THREE WAY SWITCH 20 AMP, 120 V, @ 36"-48" AFF
回	DIMMER SWITCH 1800 WATTS, 15 AMP MINIMUM, 120 V, G
	36"-48" AFF

SINGLE RECEPTACLE, NEMA RATING AS NOTED DUPLEX RECEPTACLE 20 AMP. 120 V GROUNDING TYPE. • 18"-48" AFF

DUPLEX RECEPTACLE 20 AMP 120V GROUNDING TYPE. @ CEILING DOUBLE DUPLEX RECEPTACLE 20 AMP 120V GROUNDING TYPE, © 18"-48" AFF

TELEPHONE OUTLET WITH 3/4" CONDUIT TO TELEPHONE BACKBOARD TEL. OUTLET & DATA OUTLET WITH (2) 3/4" CONDUIT DATA OUTLET WITH 3/4" CONDUIT

JUNCTION BOX TO SUIT THE FIELD CONDITIONS

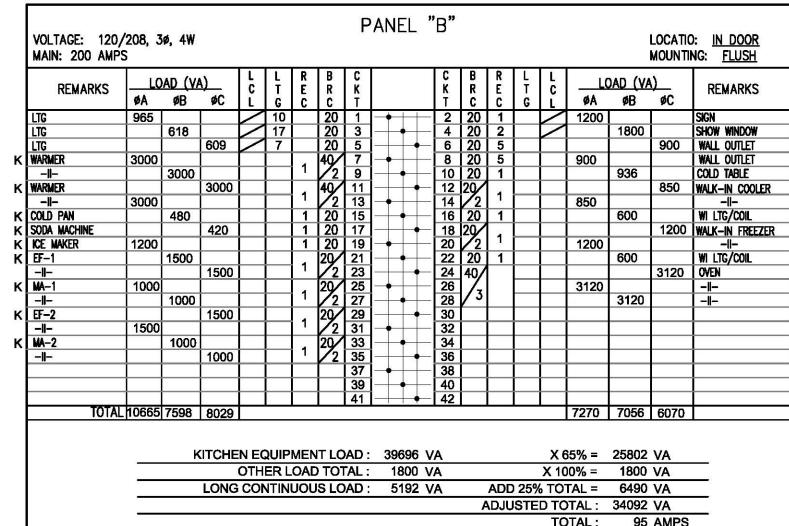
1. SUBSCRIPT LETTER NEXT TO THE ABOVE SYMBOLS INDICATES

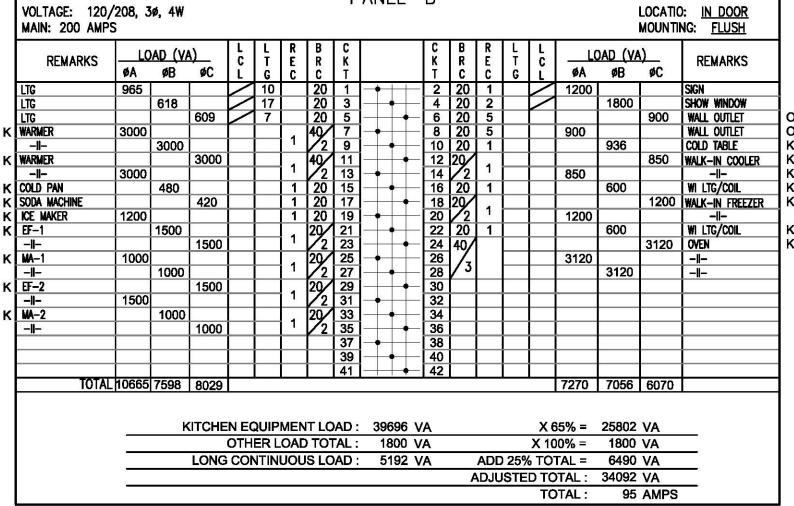
- DEVICE CONTROLLED DEVICES AND COVER PLATE COLOR AS SELECTED BY ARCHITECT, SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF OUTLET. UNLESS NOTED. COORDINATE REFRIGERATION OUTLET
- REQUIREMENT WITH HILLS REFRIGERATION PLAN. 3. RECEPTACLES IN BATHROOM, LAUNDRY ROOM, AND KITCHEN SINK AND EXTERIOR LOCATIONS SHALL BE GROUND FAULT TYPE
- EMERGENCY CIRCUIT. LOCK ON DEVICE FOR BREAKER SERVING

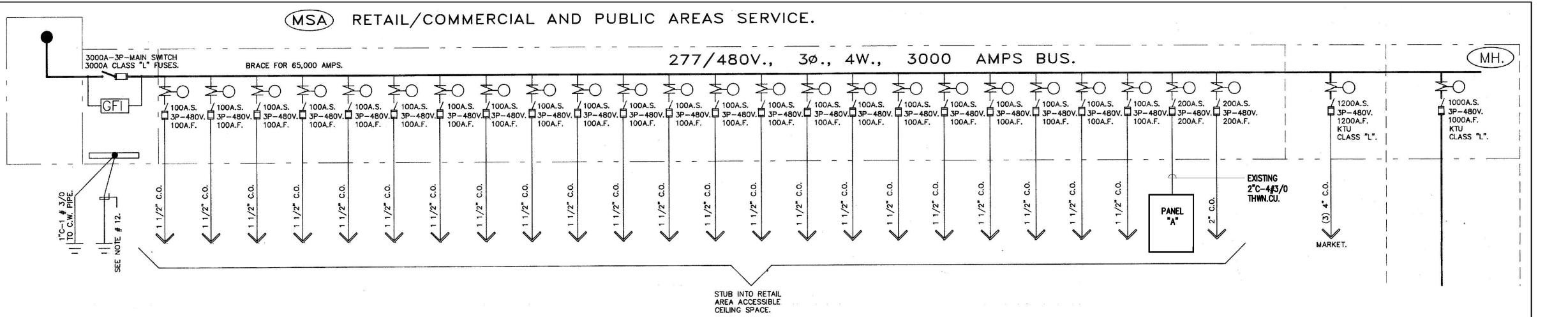
	CIRCUIT BREAKER
<b>~</b>	SWITCH AND FUSES

MOTOR OUTLET

- DISCONNECT SWITCH COMBINATION MAGNETIC STARTER & FUSED DISCONNECT
- MANUAL MOTOR STARTER 3-P, W / OVER LOAD PRETECTION
- WATT/HOUR METER SOCKET
- TRANSFORMER
- **CURRENT TRANSFORMER**
- SWITCHBOARD
- **PANELBOARD**
- TELEPHONE CABINET WITH BACKBOARD
  - 1. BREAKERS, SWITCHES, FUSES, METER SOCKETS, AND CURRENT CARRYINGDEVICES SHALL BE DESIGNED TO WITHSTAND MAXIMUM AVAILABLE FAULT CURRENT (AFC) ESTABLISHED BY SERVING
  - 2. SWITCHBOARDS AND PANELBOARDS BUSSING SHALL BE BRACED TO WITH-STAND MAXIMUM AVAILABLE FAULT
- CONDUIT HOME RUN TO SOURCE INDICATING PANEL "A" CIRCUITS #1, 3 & 5
- CONDUIT RUN CONCEALED IN CEILING SPACE OR IN WALL
- CONDUIT RUN BELOW FLOORS OR IN GRADE HASH MARKS INDICATE QUANTITY OF CONDUCTORS. NO HASH MARK INDICATES 2 #12 AWG. U.O.N. (#10 INDICATES #10 AWG.
- CONDUCTORS) SIZE OF CONDUIT SHALL BE BASED ON TABLE 1, CHAPTER 9 OF N.E.C. AMD TABLE 3A AND 3B SHALL DETERMINE THE CONDUIT SIZES. MINIMUM CONDUIT SIZE SHALL BE 1/2".
- TELEPHONE CABLE IN 3/4" CONDUIT —TV— TELEVISION ANTENNA CABLE IN 3/4" CONDUIT CONDUIT RUN FOR SPEAKER SYSTEM, 3/4" C. U.O.N.
- CONDUIT RUN FOR FIRE ALARM SYSTEM. 3/4" C. U.O.N. 1. TELEPHONE AND TELEVISION CABLES MAY BE PREWIRED BY LOCAL TEL/COMM/CABLE T.V. COMPANY.
  - 2. ALL CONDUIT SHALL BE RIGID STEEL OR EMT. FLEXIBLE CONDUIT SHALL BE LIMITED TO 72" FOR FINAL CONNECTION TO LIGHTING FIXTURES OR MOTORS, INCLUDE GROUNDING CONDUCTOR. P.V.C. CONDUIT SHALL BE USED ONLY FOR







COMMERCIAL DESIGN

DATE: REVISION:

CESAR E CHAVEZ #108 ANGELES, CA.,90012

CHINESE (TENAN] 701 W. ( LOS /

**POWER PLAN** 

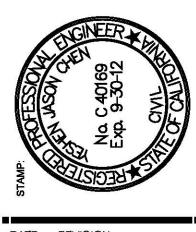
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6/22/2012 Drawn No: 2012#1801B Drawn By: JIMMY ZHANG 1/4"=1'-0"

Sheet title: POWER PLAN

and conditions shown by these drawings.





RESTAURANT 701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012

CHINESE F

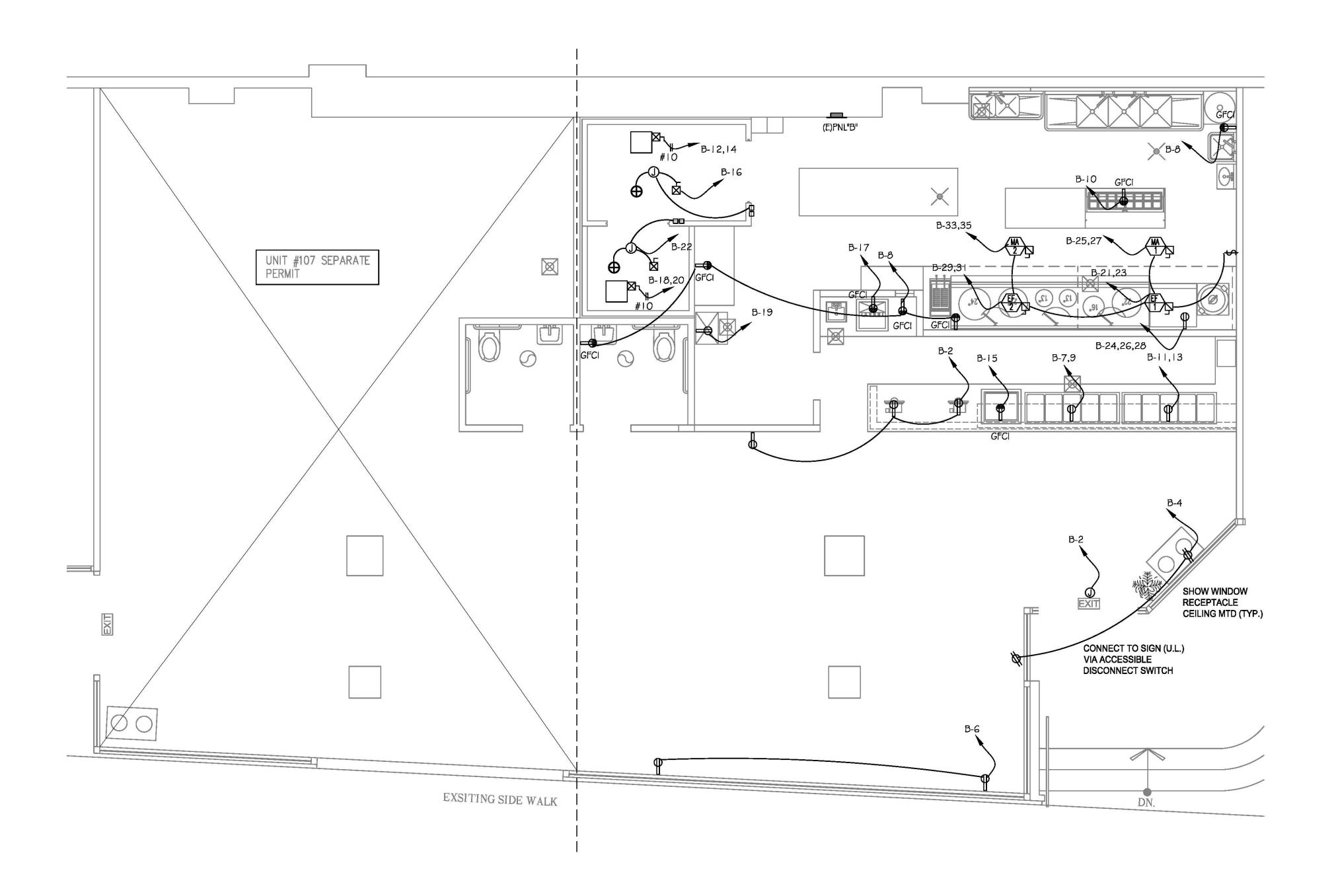
**POWER PLAN** 

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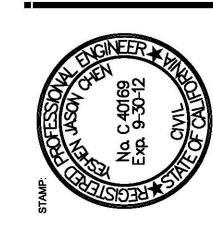
6/22/2012 Drawn No: 2012#1801B Drawn By: JIMMY ZHANG

1/4"=1'-0" Sheet title: POWER PLAN

**E-1** 







701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012

CHINESE F

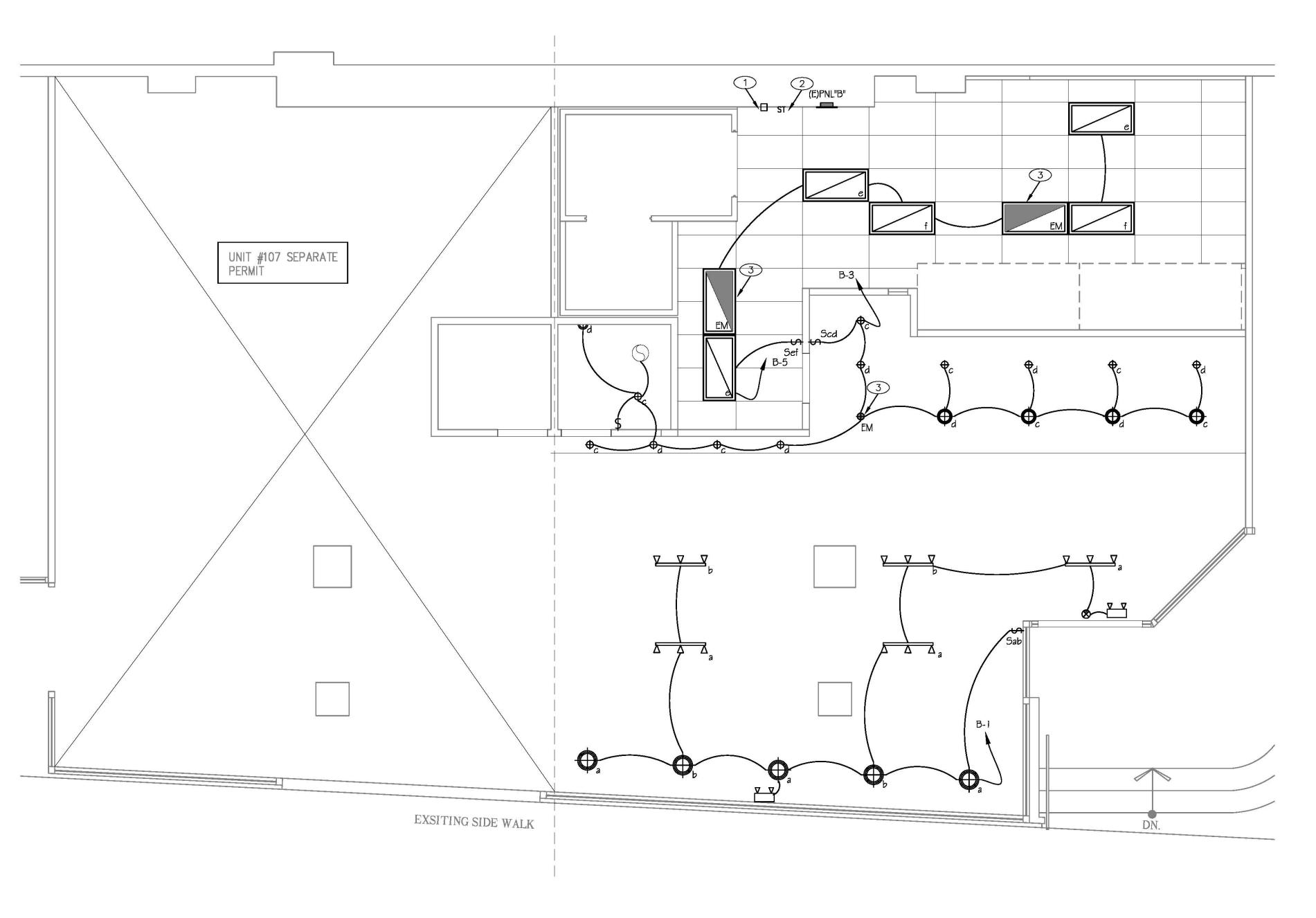
LIGHTING PLAN

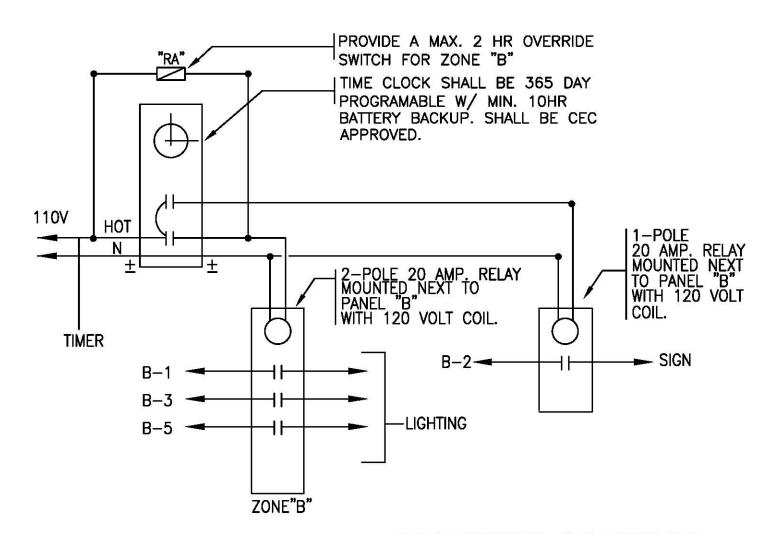
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6/22/2012 Drawn No: 2012#1801B

Drawn By: JIMMY ZHANG 1/4"=1'-0"

Sheet title: CEILING PLAN





LIGHTING CONTROL

# **KEY NOTES:**

- 1 LIGHTING CONTACTOR AND TIME SWITCH. SEE LIGHTING SHUT-OFF CONTROL DIAGRAM IN THIS SHEET.
- 2 0~2 HOURS OVERRIDE TIME SWITCH.
- 3 VIA LIGHTING CONTACTOR. PROVIDE ADDITIONAL HOT LINE FOR EXIT SIGN AND EMERGENCY LIGHTING. 90 MIN. BATTERY BACKUP.

	LIGHTING FIXTURE SCHEDULE													
TYPE	SYMBOL	MARK	.RK			FIXTURE	VOLT	MOUNTING	MANUFACTURE & MODEL					
HIFE	STWIDOL	IFICALIA.	TYPE	NO.	WATT	VA	VOLI	MODITINO	MANOT ACTORE & MODEL					
A		2'X4' RECESS FLU	F32	3	29	87	120	CEILING	LITHONIA: 2SP8 3 32 A12					
В	<b>+</b>	RECESS DOWN FLUORESCENT	6" UNIVERSAL HOUSING	1	26	26	120	CEILING	LITHONIA: AF 1/26DTT 6AR					
С	<b>•</b>	PENDANT LTG	A-19	1	50	50	120	CEILING	"HUBBARDTON FORGE" MODEL: 10-1105-05-H35 TYPE A BULBS(1) 26W MAX					
D	<u> </u>	SPOT LIGHT	PAR 40	3	35	105	120	CEILING	WITH GLASS DIFFUSER					
E	<b>A</b>	WALL MOUNT LTG	26DTT	1	26	26	120	WALL	LITHONIA: AF 1/26DTT 6AR					
F	<b>⊗</b>	EXIT SIGN	F5 TT	2	7	14	120	CEILING	"LITHONIA" #F2ES-GEL W/ 90 MIN. BATTERY BACK UP					
G	<u> </u>	EMERGENCY LTG	FLUORESCENT	2	1	27	120	WALL	BAGHELLI: TEMPESTA TH TA 27 SE VOLT AT					

NDOOR LIGHTIN	IG POVE	R ALLO V	VANCE						LTG-3C	CERTIFICATE OF COMPLIA NCE
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Chose One Meth Separate LTG-3C Inly for 121 CO	must be fi		Conditioned	and Unconditioned Spac	es. Indoor Light	ting P	Power Allow			INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ( Fill in controls for all spaces: a) area controls, b) multi automatic daylighting controls for daylit areas > 2,500 ( controls - general lighting controlled separately from
COMPLETE BUILDIN	G NETHOD									control general agrang controlled Separately From
BUILDING	CATEGURY	(Fron \$146 )	Table 146-E)		VATTS PER (ft²)	X	COMPLE BLDG. A	TE Rea =	ALLOVED VATTS	MANDATORY LIGHTING CONTROLS - FIELD INSPE CHECKLIST
					TOTALS		AREA		VATTS	
NREA CATEGORY METH	∏D -Port A									Type / Description
	130130 11	A			B		С		D	
DINING AREA		IRY (Fron \$146	5 Table 146-F)		VATTS PER (ft <sup>2</sup> )		AREA (F	t <sup>e</sup> )	ALLIVED VATTS 832	
KITCHEN / SERVIO RESTROOM	3E				1.6		786 43		1258 26	
art, craft, asser	Sq Ft available or	Additional Vatts Per ft <sup>e</sup> Allowed	Vattage Allowance B x C	illowance (from Table 14)  Bescription(s) Luminaire Types in  TUTALS — Enter into Area ng to the footnotes on ask work; precision come te Table 146—F Footnote	TUTALS 6-F Footnotes) E and Quantity of Speach Prinary Func a Category Methodi bottom of Tablinercial/ Industria	pecial tion A Part 2 146	AREA AREA AREA Area Area A (table al	andeller ( specialize	d task work.	SPECIAL FEATURES INSPECTION CHECKLIST The local enforcement agency should pay special attention to justification and documentation, and special verification. The l may reject a building or design that othe ruise compiles based  Field Inspector's Notes or Discrepancies:
	power allo	mance using	the Tailored	the Tailored method taken Method of compliance s DIES and UNCOMMISSIONED spaces	500			TG-4C se	t	
2008 Nonreside	ntial Cor	pliance Fo	orms					Au	gust 2009	2008 Nonresidential Compliance Forms

LIGHTING MANDATORY MEASURES

DESCRIPTION

CHINESE RESTAURANT

| X | 131(d)1 For every floor, all interior lighting systems shall be equipped with a separate automatic

| 131(d)2 Override for Building Lighting Shut-off: The automatic building shut-off system is provided with a manual, accessible override switch in sight of the lights. The area of override is not to exceed 5,000 square feet.

119(h) Automatic Control Devices Certified: All automatic control devices specified are

132 Tandem Wiring for One and Three Lamp Fluorescent Fixtures: All one and three lamp

certified, all alternate equipment shall be certified and installed as directed by the

Fluorescent Ballast and Luminaires Certified: All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.

fluorescent fixtures are tandem wired with two lamp ballasts where required by

a separate switch or occupancy sensor device for each area with floor-to-ceiling

square feet and more than 0.8 watts per square foot of lighting load shall be controlled with bi-level switching for uniform reduction of lighting within the room.

131(c) Daylight Area Control: All rooms with windows and skylights that are greater than 250 square feet and that allow for the effective use of daylight in the area shall have

131(e) Display Lighting. Display lighting shall be separately switched on circuits that are

50% of the lamps in each daylit area controlled by a separate switch; or the effective use of daylight cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram of shading during different times

131(a) Individual Room/Area Controls: Each room and area in this building is equipped with

131(b) Uniform Reduction for Individual Rooms: All rooms and areas greater than 100

of the year is included on plans.

20 amps or less.

2008 Nonresidential Compliance Forms

Standards Section 132; or all one and three lamp fluorescent fixtures are specified with electronic high-frequency ballasts and are exempt from tandem wiring

control to shut off the lighting. This automatic control shall meet the requirements of Section 119 and may be an occupancy sensor, automatic time switch, or other device capable of automatically shutting off the lighting. (Occupancy Sensors)

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THE RESIDENCE OF THE PROPERTY	239611 N_N_100-601-000-00-00-000 18*1-00-0000 *******					Dat	57.	020 00000	
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INDOOR LIGHTING SCHEDULE and FI ELD INSPECTION ENERGY CHECKLIST

Certificate of Acceptance, LTG-2A (Retain a copy and verify form is completed and signed)

calculation of actual indoor lighting power density in accordan a ). All portable lighting in excess of 0.2 watts per square foot is totaled below.

2008 Nonresidential Compliance Forms

Installation Certificate, LTG-1-INST (Retain a copy and verify form is completed and signed)

A separate Lighting Schedule Must Be Filled Dut for Conditioned and Unconditioned Spaces Installed Lighting Power listed on this Lighting Schedule is only for CONDITIONED SPACE UNCONDITIONED SPACE

The actual indoor lighting power listed below includes all installed permanent and portable lighting systems in accordance with  $\leq 146(a)$ 

Dnly for offices: Up to the first 0.2 watts per square foot of portable lighting shall not be required to be included in the

2008 Nonresidential Compliance Forms

CERTIFICATE OF COMP LIANCE

Project Name: CHINESE RESTAURANT

: Address:	Cli	imate Zone:	Building CFA: 1585
701 W. CESARE CHAVEZ #108		6	Unconditioned Floor Area
LOS ANGELES, CA 90012		<u> </u>	Officultationed Floor mreut
Information  Type: ☑ Nonresidential □ High-Rise Resident	Hal □ Ua	tel/Motel	
Dolocatable Dublic			nditional Spaces
2CU0012		15 51 - 1515	nditioned Spaces
of Construction:   New Construction   Addi of Compliance:   Complete Building   Area Co		Alteration Tallored	
itation Author's Declaration Statement certify that this Certificate of Compliance docu			nd complete.
JASON CHEN	Signature		
DRP		Do	te
119 S. ATLANTIC BLVD, #228		CE	applicable: A # PE #
nte/Zip MONTEREY PARK, CA 91754			ionei 626-570-9978
l Lighting Designer's Declaration Statement		L-	
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August 2009

Inspector

(Page 2 of 4)

Date: 06-20-2012

RESTAURA! 701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012

CHINESE TENANT

These ideas, designs, arrangements, represented thereby are shall remain the property of Design for Restaurant Plus, Inc. and no part thereof shall be copied to others or used in connection with any work or the specified project, designs arrangements of plans shall be used without the written permission of Design for Restaurant Plus, Inc. written dimensions on these drawings shall have precedence over scole dimensions, contractors shall verify, and be responsible for all dimensions and condition on the job this office must be notified of all variations from the dimensions and conditions shown by these drawings.

6/22/2012 Drawn No: 2012#1801B Drawn By: | JIMMY ZHANG 1/4"=1'-0" Sheet title: CEILING PLAN

Designer Enforcement

August 2009

LTG-MM

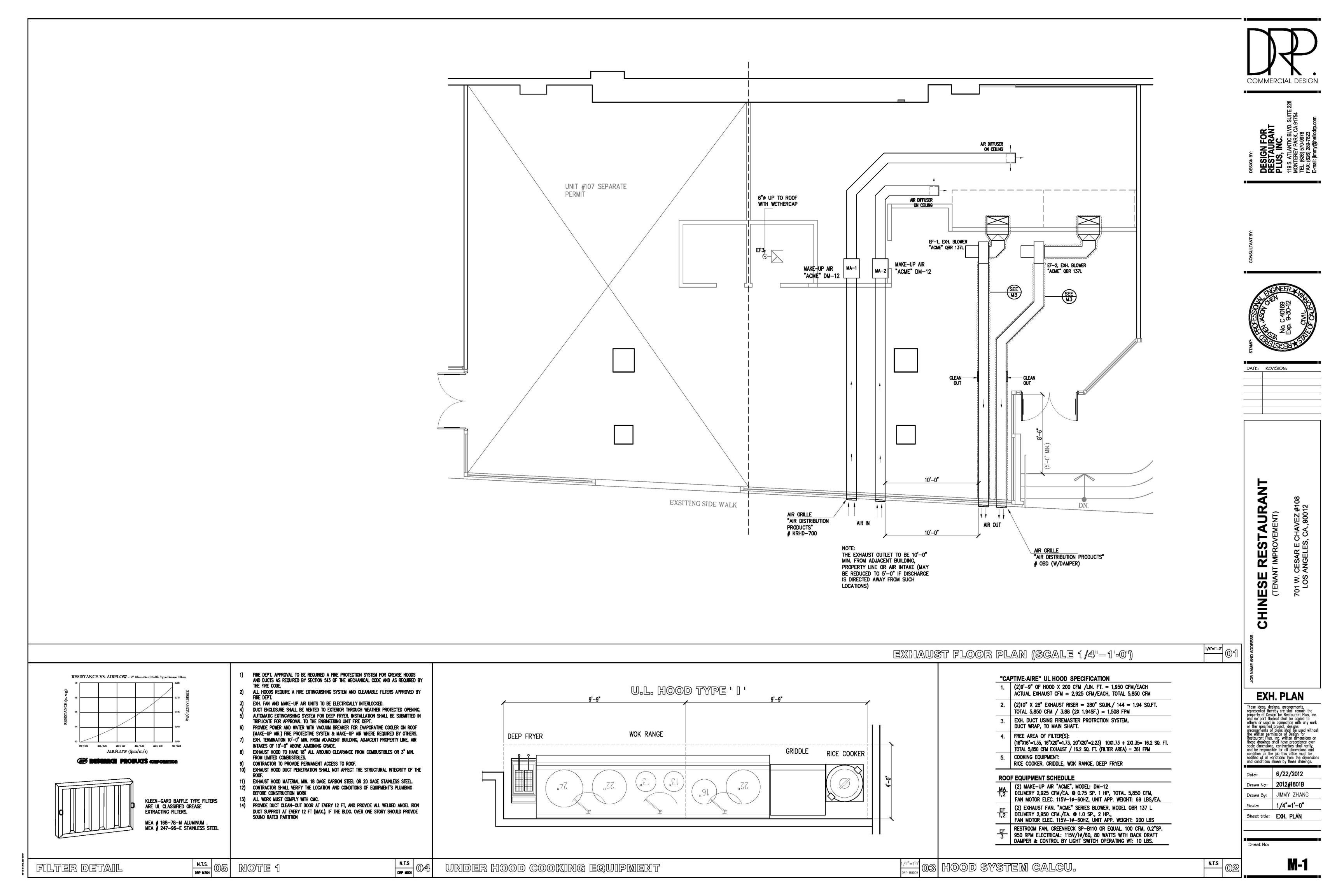
DATE 06-20-2012

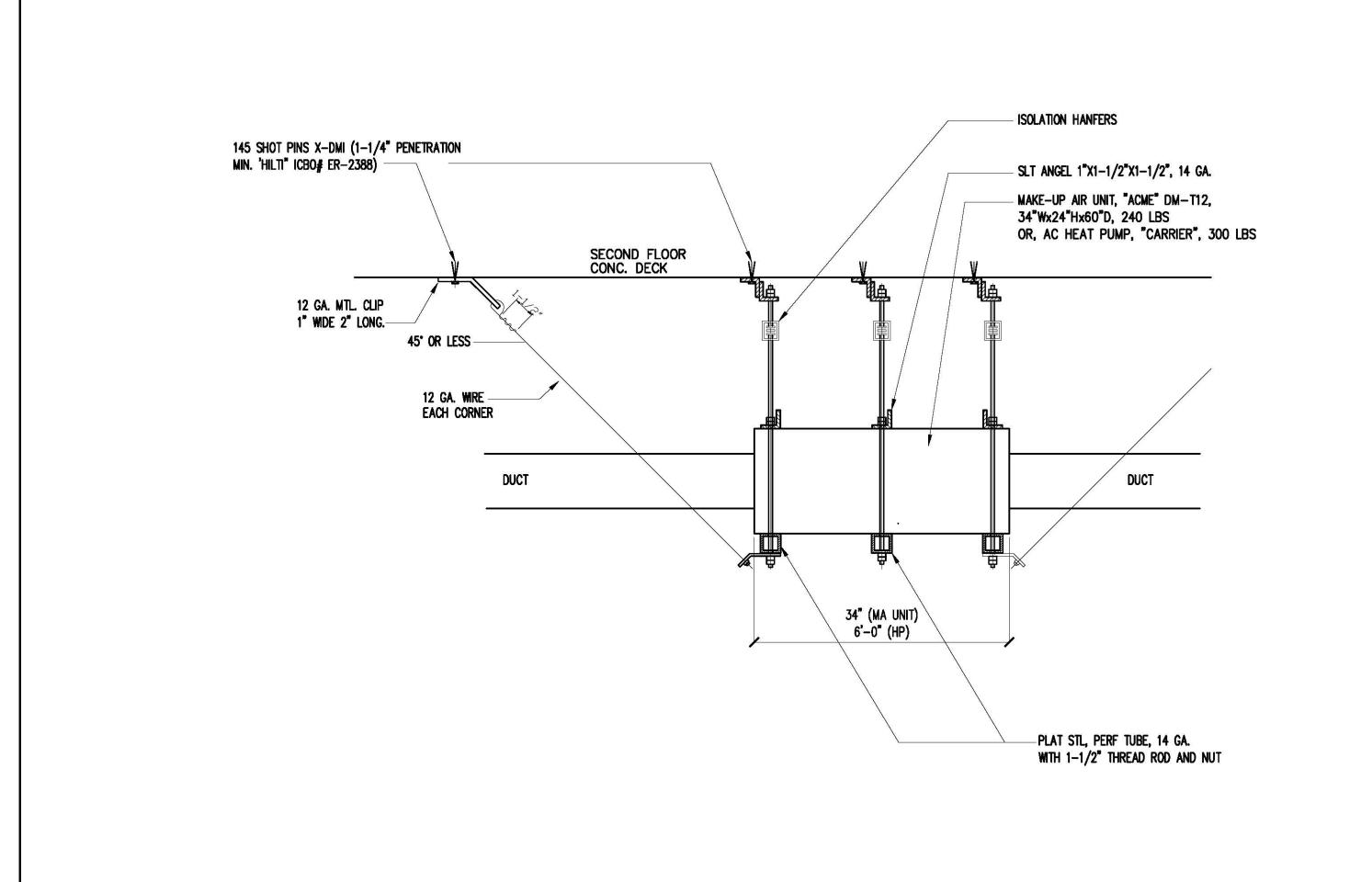
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induor Lighting rower for Condition	Vatts	fuggor, rigi	2019 192 2010 NW 10.015 NV 2021	iea space	vatts	
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Lighting Control Credit conditioned spaces (from LTG-2C)		Uncondit	Lighting Control Credit ioned spaces (from LTG-2C	, -		
Adjusted Installed Lighting Power	= 2072		Adjusted Installed Lighting Power	=		
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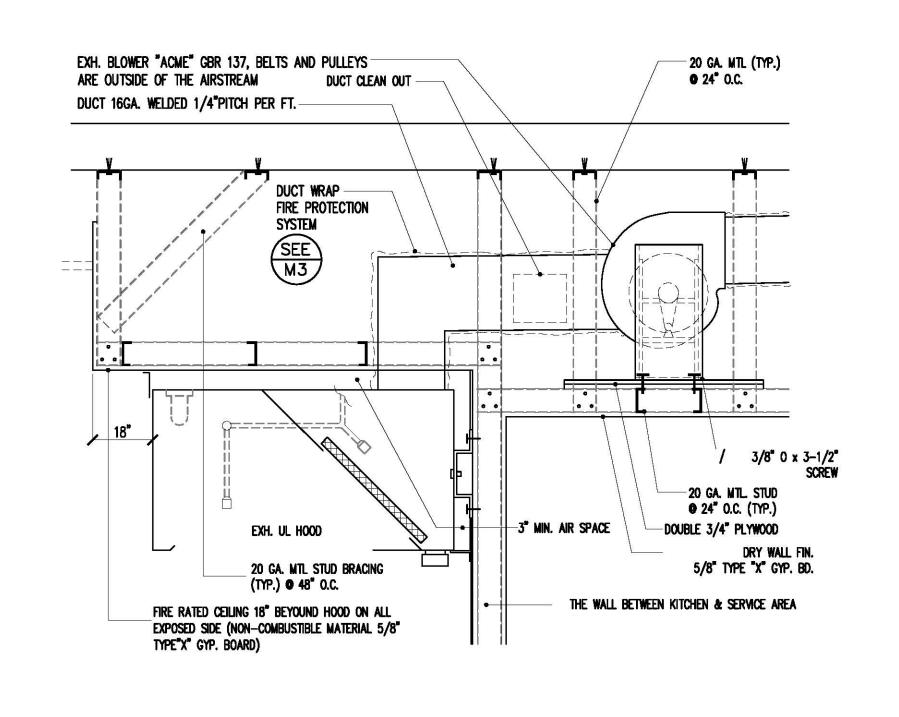
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			LUMBNAIRE SCHEBULE (Type, Lamps, Bollasts)		3	NSTALLED VAT	S		
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pe requires a	ce shall be certified as test, list the different ribes the test. Since			1900		How wat	tage was rrined		
	priately. Forms	Name or Item Tag	Complete Luminaire Description i.e, 3 lamp fluorescent troffer, (F32T8, one dimnable electronic ballast)	Special Features	Vatts per Luminaire	CEC Default from NA8	According to \$130 d or e	Number of Luminalres	Installed D × F
		Α	2X4 FLUOR. LTG.	ÌĎ	87	X		7	609
	are checked and/or	В	FLUOR. RECESS LTG.		26	X		12	312
	plans, specifications, ne field inspector	С	PENDANT		50	X		9	450
	for each different	D	SPOT LIGHT		135	X		5	675
		E	WALL MOUNT LTG.		26	X		1	26
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			ge shall be determined according to Section 130(d and e) watt Il then describe on Page 2 of the Inspection Checklist Form and take						
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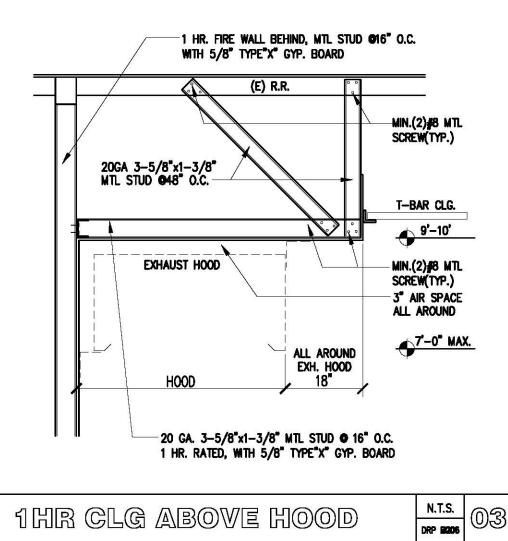
Enter into LTG-IC Page 4 of

August 2009









COMMERCIAL DESIGN

1HR CLG ABOVE HOOD

(2) 3/8" ≠ BOLTS w/3" EMBEDMENT 4x4x1/4x6"048" O.C. 1-1/2"L 70 - 3/8" x 3" LAG SCREW TO METAL STUD TOP OF THE EXH. HOOD EXISTING WALL STUDS @16" O.C. (DEMISING WALL) AT EA STUD 20 GA. HOOD S.S. 16 GA. GALV. SUPPORT WELDED (2) STEEL FORMER 3"x24" METAL SCREWS • 3" O.C. 20 GA. HOOD S.S. --- METAL PLASHED SOUD --- WALL METAL PLASHING (((A))

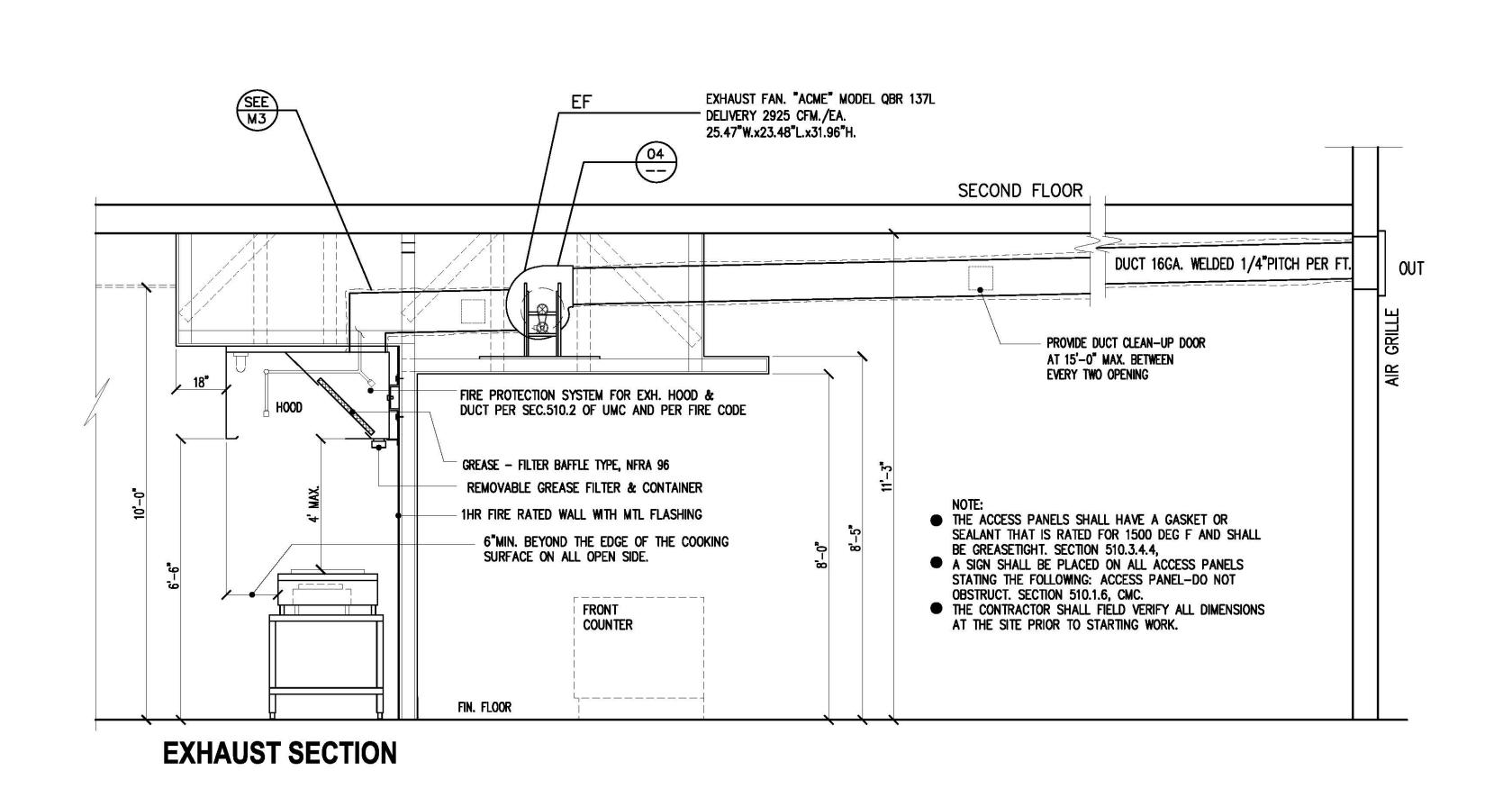
DATE: REVISION:

TYP. DETAIL SUPPORT OF MA UNIT ABV CLG.

EXH. BLOWER SUPPORT

N.T.S O4 HOOD SUPPORT DETAILS

05 FRESH AIR IN AIR DIFFUSER MAKE-UP AIR UNIT, "ACME" DM-10
22 1/4"Wx20"Hx24.3/4"D, 69 LBS
WITH ISOLATION HANFERS -1" 26GA. GL. STRAP SUPPORT TO JOIST FIN. FLOOR **MAKE-UP SECTION** 



RESTAURA!

CHINESE |

701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012

**EXH. PLAN** 

These ideas, designs, arrangements, represented thereby are shall remain the property of Design for Restaurant Plus, Inc. and no part thereof shall be copied to others or used in connection with any work or the specified project, designs arrangements of plans shall be used without the written permission of Design for Restaurant Plus, Inc. written dimensions on these drawings shall have precedence over scole dimensions, contractors shall verify, and be responsible for all dimensions and condition on the job this office must be notified of all variations from the dimensions and conditions shown by these drawings.

6/22/2012 Drawn No: 2012#1801B Drawn By: JIMMY ZHANG

SEE PLAN Sheet title: EXH, PLAN

Sheet No:

SECTION OF EXHAUST & MAKE-UP AIR

**M-2** 

ESR-2213 Steel banding is used to hold the outer layer of the blanket (25癈) and 50 percent relative humidity. The sealant is enclosure system in place. The bands are placed circumferentially 11/2 inches (38 mm) from the edges of the 3.6.2 TREMstop™ Acrylic (GG) Gun Grade Acrylic blanket and are spaced 10<sup>1</sup>/<sub>2</sub> inches (267 mm) on center. The Firestopping Sealant: TREMstop™ Acrylic (GG): This is a tension of the banding material must be sufficient to firmly hold single-component, water-based, acrylic firestop sealant the blanket materials in place, but must not be so great as to manufactured by TREMstop™ Fire Protection Systems Group. cause any cutting or damage to the blanket material. See The cure time is from three to five days at 77癋 (25癈) and 50 Figure 1 for details. For maximum duct sizes, see Section percent relative humidity. The sealant is packaged in caulking 3.6.3 3M Fire Barrier 1000 NS: 3M Fire Barrier 1000 NS is a one-component silicone elastomeric sealant, manufactured by the 3M Company, that cures upon exposure to atmospheric

around the duct.

For duct dimensions greater than 24 inches (610 mm), No. 10 or No. 12 gage copper-coated steel insulation pins, long enough to extend through the two layers of blanket insulation, are welded in columns spaced 12 inches (305 mm) apart, between 6 and 12 inches (152 and 305 mm) from each edge and 10<sup>1</sup>/<sub>2</sub> inches (267 mm) on center along the bottom of horizontal duct runs and along the outside of vertical duct runs, to prevent blanket sag. The blankets are locked into place over the pins with 11/2-inch-by-11/2-inch (38 mm by 38 mm) galvanized steel speed clips. As an alternative to a 3-inch Pen300 is a single-component, neutral cure silicone sealant (72 mm) perimeter and longitudinal overlap of adjacent blankets, the blankets may be installed using a buttioint/overlap method or a butt-joint/collar method. These methods are illustrated in Figure 1. When two blanket layers are encapsulated in one bag, the butt-joint/collar method must Page 3 of 7

feet (3658 mm).

4.3 Through-penetrations:

of the protected duct and the steel rod. See Figure 3.

mm) angle brackets, as shown in Figure 4. The brackets are

located on opposite sides of the duct on the top and bottom of

each floor/ceiling assembly, and are attached to the duct with

welds or mechanical fasteners. As an alternative, the brackets

are supported by minimum <sup>3</sup>/<sub>8</sub>-inch-diameter (9.5 mm) all-

thread rod. Maximum vertical spacing between supports is 12

4.3.1 General: Where the systems penetrate fire-resistive

assemblies, the through-penetration must be protected with an

approved through-penetration fire-stop system. Section 4.3.2

describes a two-hour F- and T-rated through-penetration

firestop assembly for walls, and Section 4.3.3 describes a two-

hour F- and T-rated through-penetration firestop assembly for

floor/ceilings. Where the grease duct enclosure system

peneirates other than the concrete or concrete masonry

assemblies described in those sections, or penetrates a

roof/ceiling assembly, the through-penetration must be

protected with a through-penetration firestop assembly

complying with the applicable code provisions, and use of the

4.3.2 Wall Assemblies Two-hour F- and T-rated Through-

penetration Fire-stop Assembly: Where the grease duct

protected with the FireMaster® enclosure assembly penetrates

a fire-resistance-rated concrete or concrete masonry wall

assembly complying with IBC Table 720.1(2) or UBC Table 7-

B, and the penetration requires protection, the annular space

a. Penetration opening: The maximum area of the opening in

b. Duct wrap material: The grease duct must be wrapped

c. Packing material: Minimum 4<sup>1</sup>/<sub>2</sub>-inch-wide (114 mm)

with the blanket material as described in Section 4.2.1.

unfaced scrap duct wrap material or 3 pcf (48 kg/m<sup>3</sup>)

mineral wool batt insulation is firmly packed into the

opening as a permanent form. The packing material must

be recessed a minimum of 1/4 inch (6.4 mm) from both

packing material must be filled to a minimum depth of 1/4

inch (6.4 mm) with one of the firestop sealants described

surfaces of the wall, to accommodate the sealant material.

d. Sealant material: The recessed voids created by the

4.3.3 Floor/Ceiling Assemblies-Two-hour F- and T-

rated Through-penetration Fire-stop Assembly: Where the

grease duct protected with the FireMaster® enclosure

assembly described in Section 4.2.1 penetrates a minimum

4<sup>1</sup>/<sub>2</sub>-inch-thick (114 mm) fire-resistive concrete floor/ceiling

C, the annular space of the penetration must be protected as

assembly complying with IBC Table 719.1(3) or UBC Table 7-

illustrated in Figure 5 and as described below:

the fire-resistance-rated wall assembly is 3.069 square

inches (1.98 m<sup>2</sup>), with a maximum perimeter dimension of

of the penetration must be protected as follows:

93 inches (2362 mm).

in Section 3.6.

ICC REPORT

firestop assembly must be approved by the code official.

During installation, the duct wrap must have a snug fit

4.2.2 Grease Duct Access Doors: 4.2.2.1 General: installation of grease duct access doors must comply with 2006 IMC Section 506.3.8, 2003 IMC Section 506.3.9, ICBO UMC Sections 506.3.8 and 507.5, or IAPMO UMC Section 510.3, as applicable. Grease duct access doors must be protected with three layers of FireMaster blanket material.

4.2.2.2 Field-fabricated Access Doors: Each access door assembly has four threaded rods, one welded to each corner of the door opening. Each threaded rod measures 1/4 inch (6.4 mm) in diameter and  $4\frac{1}{2}$  to 5 inches (114 to 127 mm) in length. Four-inch-long (102 mm) hollow steel tubes fit over the threaded rods and act as protective sleeves for the blanket material when the door is fastened. In addition, four coppercoated steel insulation pins, with a No. 10 or No. 12 gage diameter and lengths of 4 to 5 inches (102 to 127 mm), are welded to the steel door panel, for blanket installation. Two layers of the blanket material are installed over the welded insulation pins, with the second layer having a perimeter 11/2 inches (38 mm) wider than the first. The third layer of blanket material is cut in a similar manner and installed over the second layer. Each subsequent layer must have a minimum overlap of 11/2 inches (38 mm) around the perimeter of the door and any previous blanket layers. The blanket layers are held in place with 11/2-inch (38 mm) square or round speed clips, and wing nuts for 1/4-inch-diameter (6.4 mm) rod. Access door labels must be applied to all access doors. See Figure 2 for details of protection for field-fabricated access doors.

4.2.2.3 Prefabricated Access Doors: The DuctMate Ultimate and F2-HT prefabricated access doors must be installed in accordance with DuctMate Industries, Inc. installation instructions and the applicable code. The first layer is cut to the size of the door and each successive layer has an overlap of 11/2 inches (38 mm) over the lower layer. All edges of insulation blanket must be protected with aluminum tape. A No. 16 [0.055 inch (1.4 mm)] gage outer plate the same dimension as the outer layer of insulation blanket is held in place over the insulation using threaded rod and wing nuts provided with the doors. See Figure 2 of this report for

FireMaster Ductmate F2-HT Door System

N.T.S.

DETAIL

4.2.3 Duct Support: Horizontal duct assemblies with a. Penetration opening: The annular space on each side of maximum dimensions of 24 inches by 48 inches (610 mm by the wrapped duct shall be between 1/2 inch (12.7 mm) and 1219 mm) or 34 inches by 36 inches (864 mm by 914 mm) are 4<sup>3</sup>/<sub>4</sub> inches (121 mm). The duct must be located centrally supported with minimum <sup>3</sup>/<sub>8</sub>-inch-diameter (9.5 mm), all-thread within the opening. The maximum area of the opening in steel rods and 2-inch-by-2-inch-by-1/8-inch (51 mm by 51 mm the floor/ceiling assembly is 1,122 square inches (0.724 by 3.2 mm) steel angles, spaced a maximum of 60 inches m<sup>2</sup>), with a maximum opening dimension of 51 inches (1524 mm) on center along the length of the duct. A maximum (1295 mm) when the duct wrap is continuous through the clearance of 6 inches (152 mm) is permitted between the edge opening. When the duct wrap is terminated at the top and bottom surface of the floor/ceiling assembly, the maximum area of the opening is 752 square inches (0.485 m<sup>2</sup>), with Vertical duct assemblies with maximum dimensions of 24 a maximum opening dimension of 47 inches (1193 mm). inches by 48 inches (610 mm by 1219 mm) are supported with

with the blanket material as described in Section 4.2.1.

compressed to half the original thickness and placed into the annular space, flush with the lower surface of the slab and recessed a minimum of 1/4 inch (6.4 mm) from the upper surface, as shown in Figure 5.

in Section 3.6.

specified in, those codes listed in Section 1.0 of this report. subject to the following conditions:

5.2 The blanket materials are manufactured in Augusta.

6.0 EVIDENCE SUBMITTED 6.1 Data in accordance with the ICC-ES Acceptance Criteria

April 2001 (editorially revised October 2004).

 $1^{1}/_{2}$ -inch-by- $1^{1}/_{2}$ -inch-by- $1^{1}/_{8}$ -inch-thick (38 mm by 38 mm by 3.2 . Duct wrap material: The grease duct must be wrapped

Packing material: 4<sup>1</sup>/<sub>4</sub>-inch-wide (108 mm) strips of duct wrap material are layered to a thickness approximately twice the dimension of the annular space, then

ESR-2213

d. Sealant material: The recessed void created by the packing material must be filled to a minimum depth of 1/4 inch (6.4 mm) with one of the firestop sealants described

5.0 CONDITIONS OF USE The FireMaster® grease duct enclosure system described in this report complies with, or is a suitable alternative to what is

5.1 The enclosure system shall be constructed and installed in accordance with this report and the manufacturer's instructions. In the event of a conflict between this report and the manufacturer's instructions, this report governs.

Georgia, and Pachuca, Hildalgo, Mexico, under a quality control program with inspections by Underwriters Laboratories Inc. (AA-668).

for Grease Duct Enclosure Assemblies (AC101), dated

6.2 Report of ASTM E 2336-04 testing for fire-resistive grease duct enclosure systems in accordance with 2006 IMC Section 506.3.10. 7.0 IDENTIFICATION

The FireMaster® blanket material bears a label indicating the product name (FireMaster® DuctWrap 2x2+ or FireMaster® FastWrap XL), the name of the manufacturer (Thermal Ceramics), the evaluation report number (ESR-2213), and the name of the inspection agency (Underwriters Laboratories Inc.). The words "FIRE RESISTIVE ENCLOSURE, DO NOT REMOVE" are inscribed on the blanket materials at regular intervals, and must be visible when the materials are in an installed condition. Firestop sealants used for throughpenetration fire-stops are labeled with the sealant manufacturer's name and the product name. Prefabricated access doors are labeled with the DuctMate Industries. Inc.,

6" MAXIMUM

N.T.S.

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DETAIL

ESR-2213

name, the product name and the model number.

Figure 3: FireMaster® Duct Wrap 2x2+ or FastWrap® XL

Horizontal Support Details

16 GAGE CARBON STEEL OR 18 GAGE STAINLESS STEEL DUCT

Figure 4: FireMaster® Duct Wrap 2x2+ or FastWrap® XL

FIGURE 3 - LEGEND

FIGURE 4 - LEGEND

FASTWRAP XL 3 STEEL BANDING 4 MIN. 3/8" HANGER ROD

8 RATED FLOOR

MIN. 1 1/2"x1 1/2"x1/8" ANGL

PROFESSIONAL

MECHANICAL FASTENERS & WASHERS

9 FIRESTOP SEALANT LISTED IN SECTION 3.6

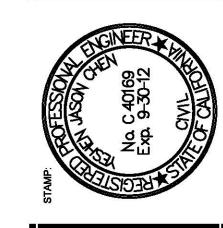
2 TWO LAYERS FIREMASTER DUCT WRAP 2x2+ OR

6 BUILDING STEEL FRAMING BY REGISTERED DESIGN

1 FLOOR/CEILING ASSEMBLY

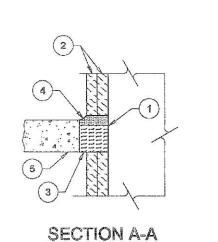
MAXIMUM 24X48" OR 34X36" MIN. 3/8" ALL-THREAD ROD 2"x2"x1/8" STEEL ANGLE

STEEL WASHER & NUT SIZED TO FIT ITEM 3

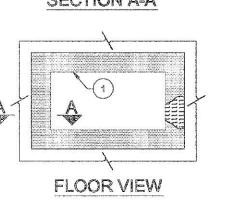


ESR-2213 Figure 5: FireMaster® Duct Wrap 2x2+ Or FastWrap ®XL

1 or 2 hour Floor/Ceiling Through Penetration Firestop System Details



**SECTION A-A** 



Duct Wrap 2x2+ Or FastWrap XL Terminated At The Top And Bottom

FLOOR VIEW Duct Wrap 2x2+ Or FastWrap XL Continuous Through The Floor/Ceiling Assembly

Figure 5 - Legend Two layers Firemaster Duct Wrap 2x2+ or FastWrap XL Scrap pieces of Firemaster Duct Wrap 2x2+ or FastWrap 4 Firestop Sealant Listed in Section 3.6 5 Rated Floor or Ceiling Assembly

**DETAIL** 

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701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012

6/22/2012 Drawn No: 2012#1801B

1/4"=1'-0" Sheet title: FLOOR PLAN

JIMMY ZHANG

Drawn By:

Sheet No:

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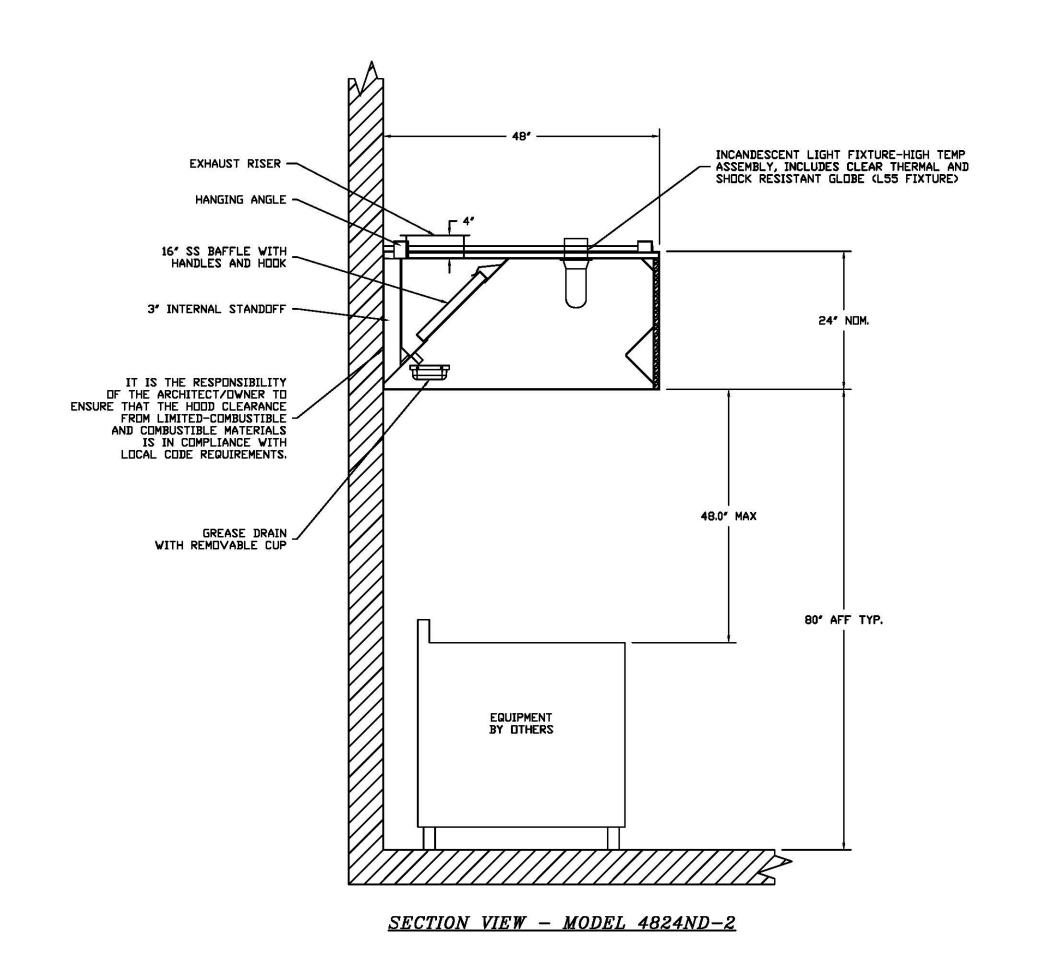
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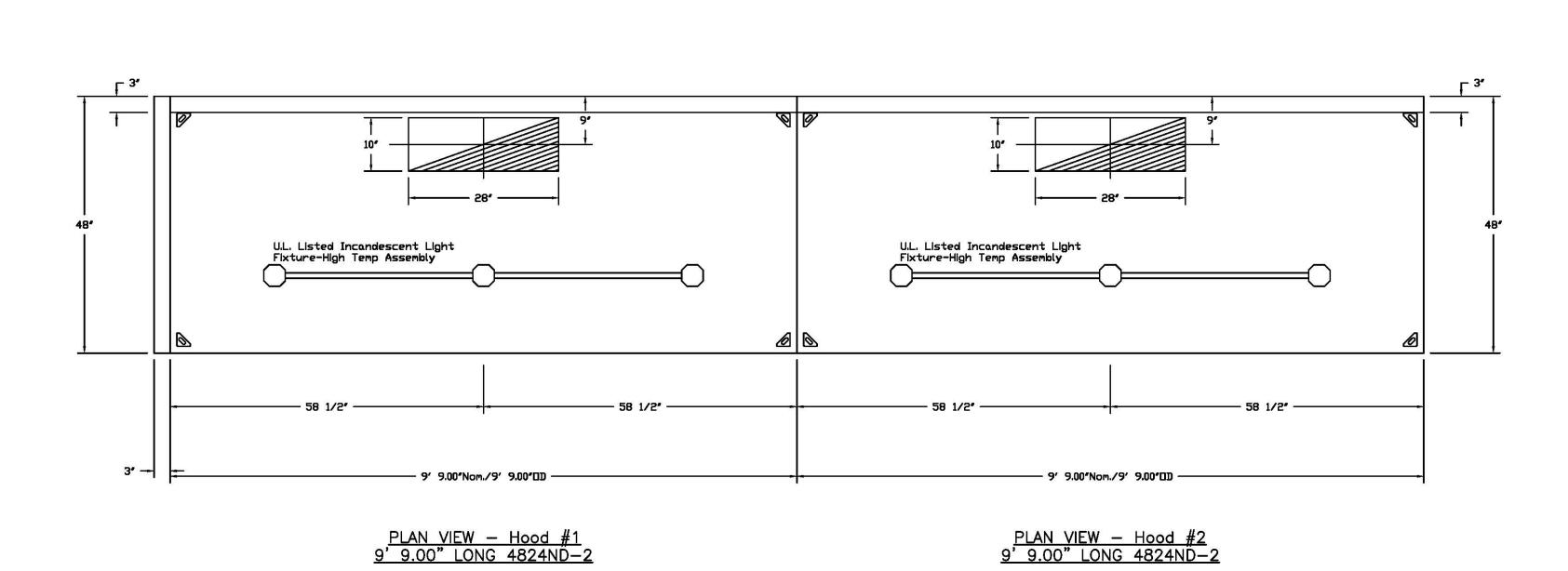
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1	4824	9′ 9.00″	600 Deg.	2925	10"	28*		2925	-0.637"	•						430 SS	LEFT	ALONE
<b>1</b>	ND-2		ooo beg.	E 9EJ						1 <sup>0</sup>						Where Exposed	LET I	ALUNE
Q	4824	9' 9.00"	600 Deg.	2925	10"	28*		2925	-0.637*	0						430 SS	RIGHT	ALONE
-	ND-2		Deg.													Where Exposed	KIGHI	HEDINE

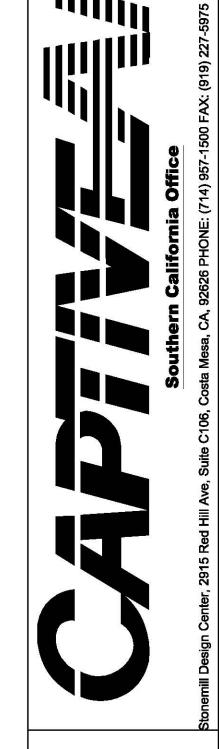
HOOD INFORMATION

110	OD INFORMATION														
	FILTER(S	(2				LIGHT(S)			UTILITY CABINET(S)						
HOO							1./TDE		FI	RE SYSTEM	ELECTRICAL	SWITC	HES	FIRE	HOOD HANGING
ND	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	GUARD	LOCATION	TYPE	SIZE	MODEL #	QUANTITY	LOCATION		
4	SS D- COLH- 1111	1	16"	16"	_	Incandescent Light Fixt	МП							NO	364
1	SS Baffle with Handles	5	16"	20*	3	Incuridescent Light Fixt	ND							NU	LBS
2	SS Baffle with Handles	1	16"	16"	2	Incandescent Light Fixt	МП							NO	361
	33 Buffle with hundles	5	16"	20"	3	Incuridescent Light Tixt	IND							IND	LBS

HOOD OPTIONS HOOD OPTION 1 LEFT END STANDOFF 3' Wide







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Angele

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**DATE:** 6/15/2012

DWG.#:

1574133

SCALE:

**MASTER DRAWING** 

SHEET NO.

DRAWN BY: AHJ-86

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**REVISIONS** DESCRIPTION DAT

COMMERCIAL DESIGN

DATE: REVISION:

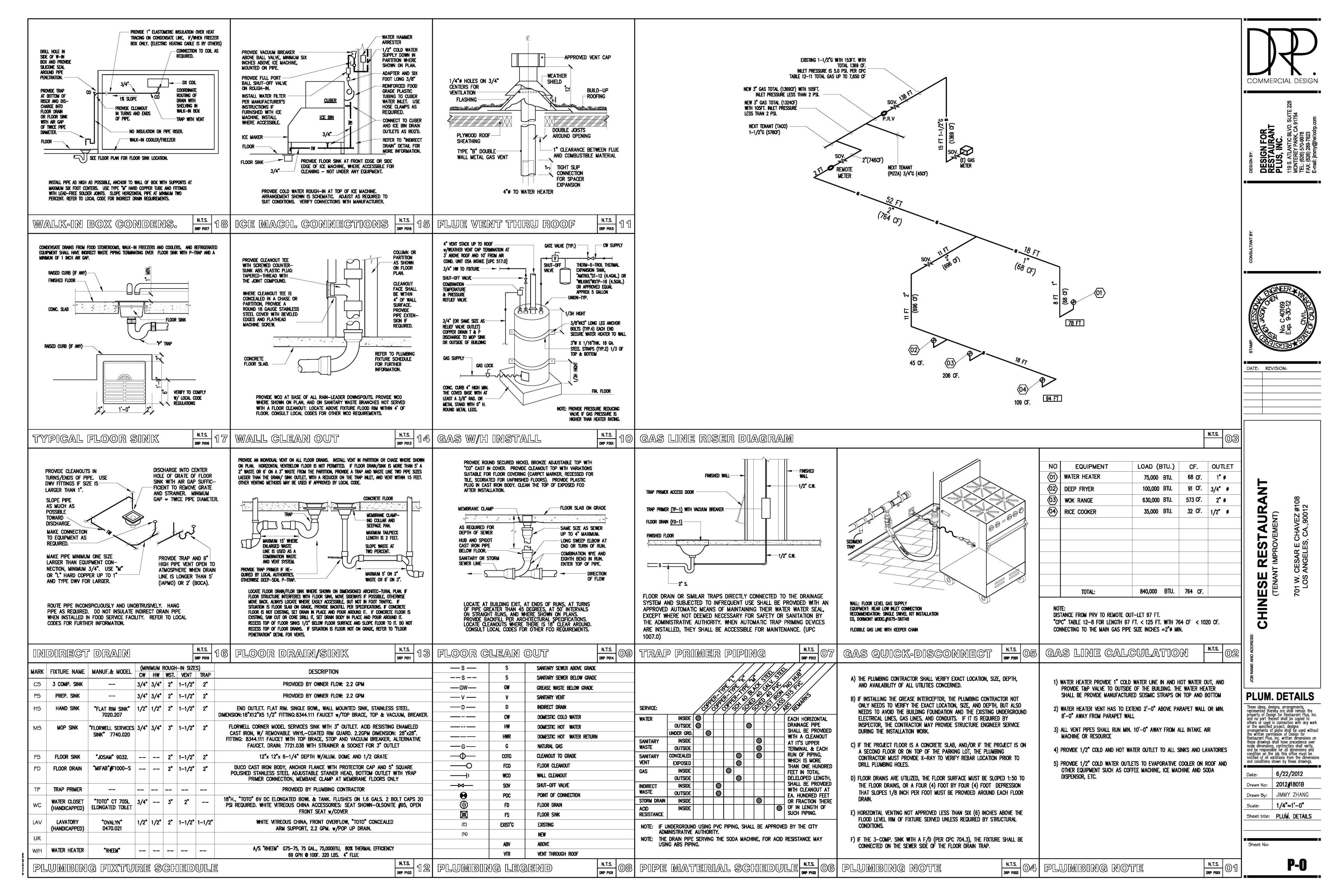
701 W. CESAR E CHAVEZ #108 LOS ANGELES, CA.,90012 CHINESE F

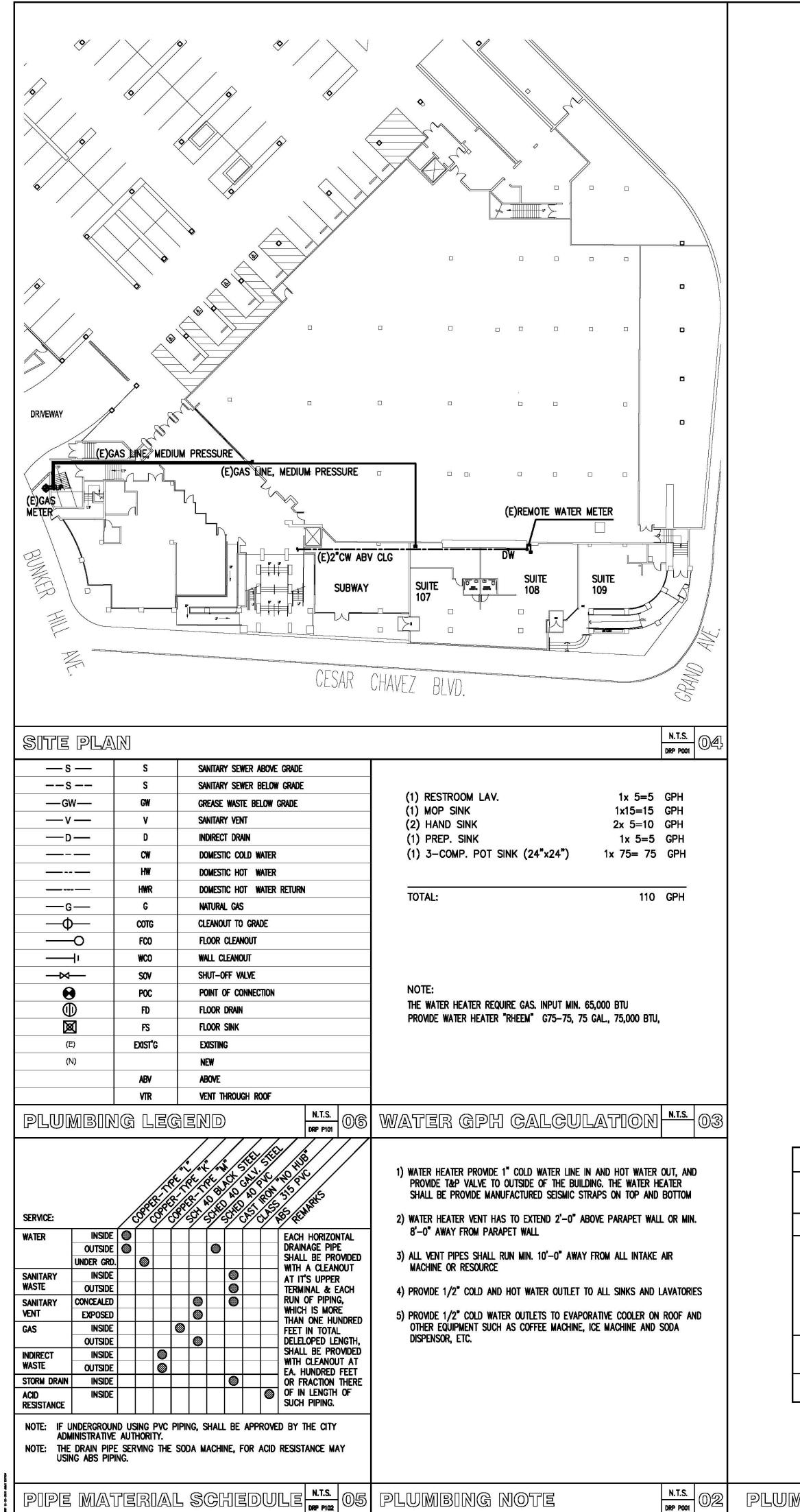
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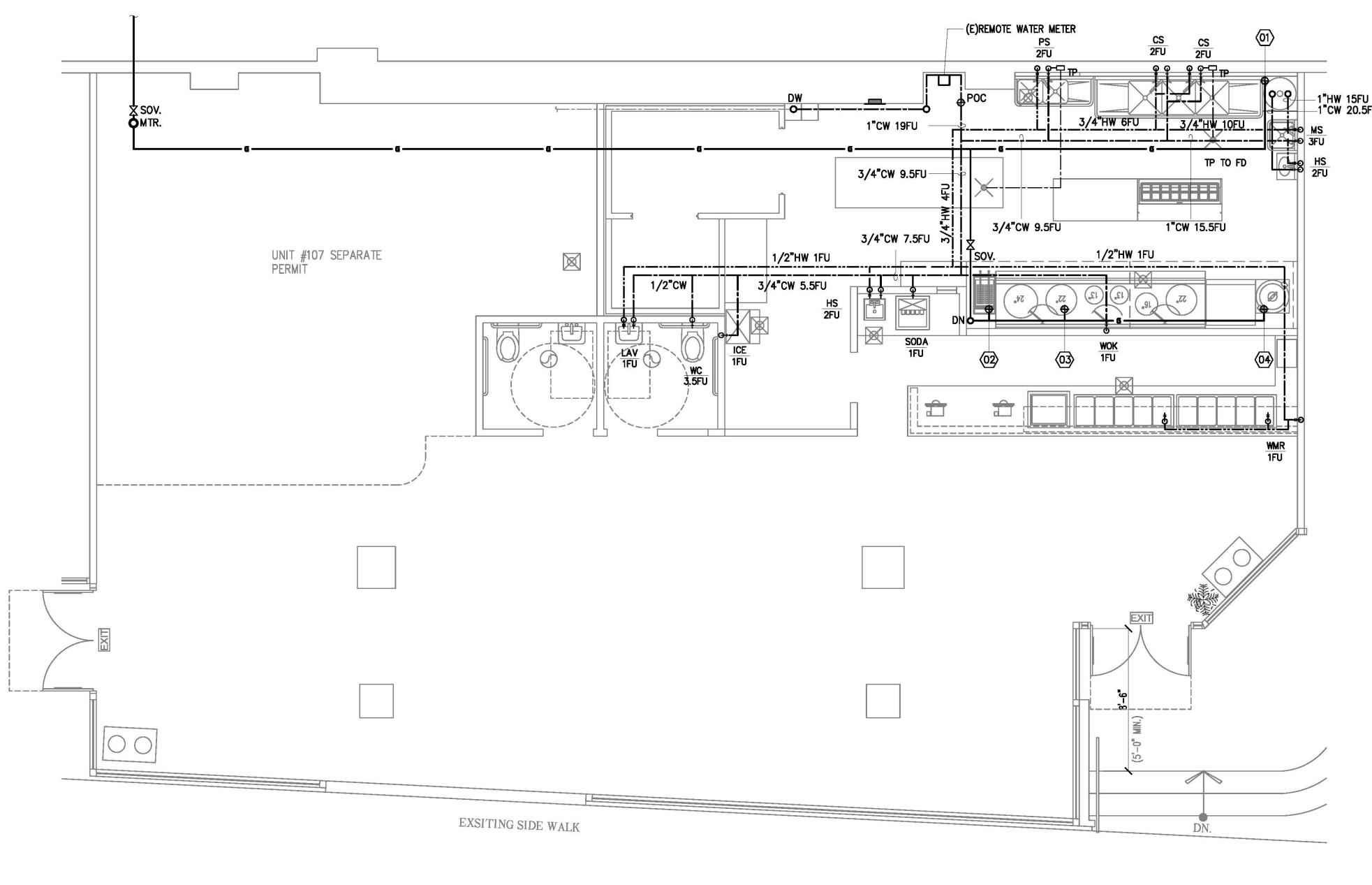
6/22/2012 Drawn No: 2012#1801B

Drawn By: JIMMY ZHANG Sheet title: EXH. PLAN

Sheet No:







AVAILABEL WATER PRECEIPE (HOL	1 400 DOL LOW OF	. DCI DIDINO
AVAILABEL WATER PRESSURE: HIGH MATERIAL : COPPER TYPE "L"	1: 122 PSI, LOW:93	PSI PIPING
TOTAL DEVELOPED LENGTH:	50 FT. X	1.2 = 60 FT.
(E) P.R.V. SET <b>©</b> 60 P.S.I.		
(E) P.R.V. DROP OFF		= 8 P.S.I.
LOSS THRU (E) 1-1/2" METER		= 5 P.S.I.
LOSS THRU (E) BACKFLOW PREVEN	TER	= 14 P.S.I.
STATIC LOSS (6FT x 0.433)		= 2.6 P.S.I.
REMOTE		= 20 P.S.I.
PRESSURE AVAILABLE FOR FRICTION	 N:	
	60-8-5-14-2.6-	-20 = 10.4
PRESSURE LOSS PER 100 FT:	10.4x100/60	= 17.3 P.S.I.

PIPE SIZE	CW FIXTURE UNITS (8 FPS MAX.)		HW FIXTURE UNITS (5 FPS MAX.)	PRESS. LOS PSI/100'
	TANK	VALVE		
1/2"	5	0	3	17
3/4"	16	0	9	17
1"	31	0	17	17
1-1/4"	56	14	29	17
1-1/2"	104	35	48	17
2"	260	136	120	17

WATER PIPE SIZING SCHEDULE

LEGEND ------ COLD WATER — HOT WATER 

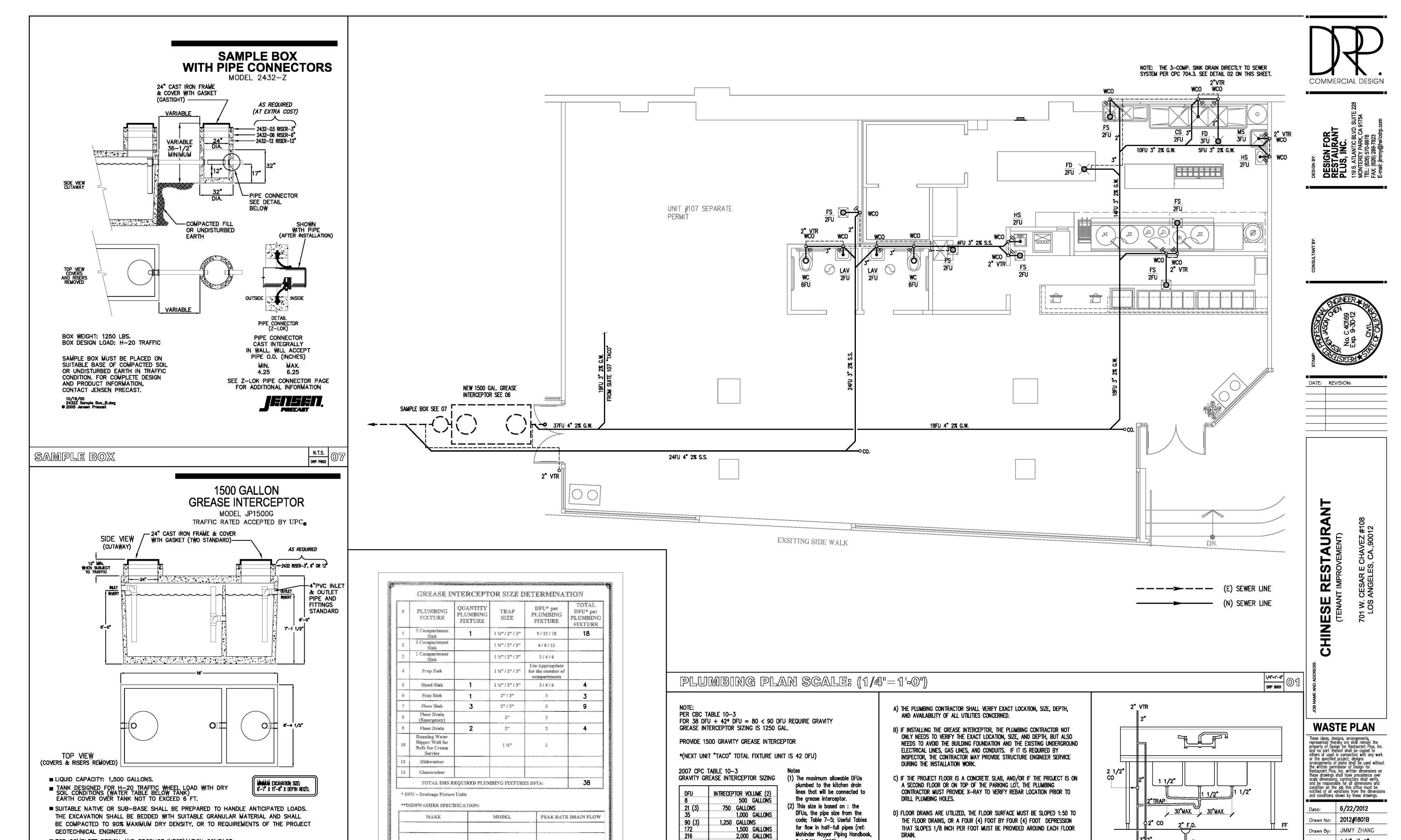
PLUM. PLAN

CHINESE (TENANT

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6/22/2012 Drawn No: 2012#1801B Drawn By: JIMMY ZHANG

1/4"=1'-0" Sheet title: PLUM, PLAN



307 (3)

342

428

576

720

2112

2640

\*\* - Cut Sheet of Dishwasher Specification to be provided as a part of Plumbing

Drawings for Grease Interceptor Size Determination.

GREASE INTERCEPTOR SIZING

3,500 GALLONS

3.000 GALLONS

4,000 GALLONS

5,000 GALLONS

7,500 GALLONS

10,000 GALLONS

15,000 GALLONS

G.I. SIZING CALCU.

3rd Edition, 1992).

(3) based on 30-minute retention

Small and Decentralized

time (ref.: Metcalf & Eddy, Inc..

Wastewater Management System,

N.T.S.

3rd Ed. 1998). Rounded up to

nominal interceptor volume.

e) horizontal venting not approved less than SIX (6) inches above the

FLOOD LEVEL RIM OF FIXTURE SERVED UNLESS REQUIRED BY STRUCTURAL

F) IF THE 3-COMP. SINK WITH A F/D (PER CPC 704.3), THE FIXTURE SHALL BE

CONNECTED ON THE SEWER SIDE OF THE FLOOR DRAIN TRAP.

CONDITIONS.

■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT

JENSEN

JENSEN PRECAST.

GREASE INTERCEPTOR

10-01-03 1500G\_JP-W.dwg © 2003 Jensen Precost Sheet title: WASTE PLAN

TRAP PRIMER INLET

THE POT SINK WITH A F/D, THE FIXTURE SHALL BE CONNECTED ON

POT SINK SEWER DETAIL

THE SEWER SIDE OF THE FLOOR DRAIN TRAP.

PER CPC SECTION 704.3

P-2

Sheet No:

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