- 2. ALCOHOLIC BEVERAGES WILL NOT BE SERVED AT THIS FACILITY. 3. THIS FOOD FACILITY IS RESTAURANT - MULTI-SERVICE UTENSIL
- 4. THE MAXIMUM NUMBER OF EMPLOYEES PER SHIFT IS LESS THAN 10
- 5. ALL FOOD RELATED & UTENSIL RELATED EQUIPMENT SHALL MEET OR BE EQUIVALENT TO SANITATION STANDARDS ESTABLISHED BY AN AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ACCREDITED PROGRAM.

6. IF THE TRASH AREA FOR THE ESTABLISHMENT IS LOCATED OUTSIDE A CONCRETE SLAB WILL BE PROVIDED FOR TRASH, GARBAGE \$ GREASE BARREL STORAGE. THE INTERIOR SURFACE OF THE WALLS OF THE TRASH ENCLOSURE SHALL BE SMOOTH, SEALED AND

7. THE WATER HEATER SHALL BE A COMMERCIAL TYPE & CAPABLE OF CONSTANT HOT WATER AT A TEMPERATURE OF AT LEAST 120 dea. TO ALL SINKS AND LAVATORIES. THE WATER HEATER IS SIZED FOR ALL SINKS AT THE PEAK HOURLY DEMAND.

8. ALL OPENABLE WINDOWS, VENT OPENINGS ETC. MUST BE PROVIDED W/TIGHT FITTING SCREENS OF MIN. 16 MESH TO THE INCH. WINDOWS TO BE FIXED AT FOOD PREP, UTENSIL WASHING OR UNPACKAGED FOOD SERVICE AREAS.

9.ALL PLUMBING, ELECTRICAL & GAS LINES SHALL BE CONCEALED WITHIN THE BLDG. STRUCTURE, ALL LINES NOT CONCEALED TO BE SECURED 6" OFF FLOOR \$ 3/4" FROM WALLS USING OFFSET BRACKETS.

IO. CONDUITS, PLUMBING OR PIPING SHALL NOT BE INSTALLED ACROSS ANY AISLE WAY, TRAFFIC AREA OR DOOR OPENING. MULTIPLE

II.ALL SHELVING OVER WET AREAS (SINKS, MOP SINKS, ETC.) WILL BE GALV. METAL OR STAINLESS STEEL.

RUNS OR CLUSTERS OF CONDUITS OR PIPING SHALL BE FURRED IN OR ENCASED IN AN APPROVED SEALED ENCLOSURE.

12. SHATTER SHIELDS FOR ALL LIGHTS ABOVE FOOD PREP, WORK \$ STORAGE AREAS WILL BE PROVIDED

13. DELIVERY DOORS SHALL HAVE AN AIR CURTAIN FAN THAT SPANS THE WIDTH OF THE DOOR, THE FAN MUST ACTIVATE VIA A MICROSWITCH PROVIDING A MINIMUM VELOCITY OF 1600 FPM MEASURED 3 FEET ABOVE THE GROUND.

14. AN APPROVED BACKFLOW PREVENTER SHALL BE PROPERLY INSTALLED UPSTREAM OF ANY POTENTIAL HAZARD BETWEEN THE POTABLE WATER SUPPLY & A SOURCE OF CONTAMINATION. HOSES SHALL NOT BE ATTACHED TO A FAUCET OR HOSE BIBB UNLESS AN APPROVED BACKFLOW PREVENTER IS PROVIDED.

15. ALL LAVATORIES & HAND SINKS SHALL HAVE A COMBINATION FAUCET CAPABLE OF SUPPLYING WATER TEMPERED TO 100°F. SELF-CLOSING OR METERED FAUCETS SHALL PROVIDE AT LEAST 15 SECONDS OF WATER FLOW WITHOUT REACTIVATION.

16. EACH HANDWASHING SINK SHALL HAVE A PERMANENTLY WALL MOUNTED SINGLE SERVICE TOWEL AND SOAP DISPENSER.

17. IF A HANDSINK IS LOCATED ADJACENTLY TO A FOOD PREPARATION OR UTENSIL WASHING SINK, THEN A BARRIER IS REQUIRED TO PREVENT SPLASH-OVER FROM THE HANDSINK TO THE FOOD PREP/UTENSIL SINK. THE BARRIER IS TO BE THE LENGTH OF THE SINK, AT LEAST 12 INCHES IN HEIGHT AND HAVE A MINIMUM OF TWO INCHES CLEARANCE EACH SIDE OF THE BARRIER. THE BARRIER MUST BE CONSTRUCTED OF WATERPROOF MATERIAL, FIRMLY ATTACHED TO THE WALL OR OTHER APPROVED STRUCTURE.

18. SINKS MUST BE PROVIDED W/ A MIXING VALVE & SPOUT CAPABLE OF REACHING EACH COMPARTMENT

19.ALL WAREWASHING SINKS SHALL HAVE 3 COMPARTMENTS THAT ARE A MIN. OF 18" x 18" x 12" DEEP (OR 16" x 20" x 12" DEEP) WITH A MIN. 18" DRAINBOARD AT EACH END, HOWEVER, SINK MUST BE ABLE TO ACCOMMODATED THE LARGEST UTENSIL TO BE WASHED. IF AGAINST A WALL, IT MUST HAVE AN 8" INTEGRAL BACKSPLASH.

20. FOOD PREP SINK COMPARTMENTS TO BE AT LEAST 18" × 18" × 12" DEEP OR (16" × 20" × 12" DEEP) WITH A MINIMUM 18" DRAINBOARD. SEPARATE FOOD PREP SINKS SHALL BE PROVIDED FOR MEATS & PRODUCE.

21. BAR SINKS SHALL HAVE 3 OR 4 COMPARTMENTS THAT ARE A MIN. OF 12" x 12" x 10" DEEP WITH A MINIMUM 18" DRAINBOARD EACH

22. A SEPARATE WET WASTE DUMP FIXTURE SHALL BE PROVIDED FOR DISPOSAL OR WASTE ICE OR COFFEE WASTE.

23. WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PROTECTOR. THE RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH A LEGAL AIR GAP

24. SHELVES INSTALLED ON WALL ARE TO HAVE A MIN. I" GAP OR OPEN SPACE BETWEEN THE BACK EDGE OF THE SHELF AND THE WALL SURFACE, OTHERWISE, THE BACK EDGE OF THE SHELF MUST BE SEALED TO THE WALL WITH AN APPROVED SEALANT.

25. ALL FLOOR MOUNTED EQUIPMENT WILL BE INSTALLED ON MINIMUM 6" HIGH SANITARY LEGS, CASTORS OR COMPLETELY SEALED IN POSITION ON A 4" HIGH CURB WITH A CONTINUOUSLY COVED BASE. COUNTERTOP EQUIPMENT WILL BE ON 4" HIGH SANITARY LEGS OR COMPLETELY SEALED TO THE COUNTERTOP UNLESS READILY REMOVEABLE.

26. IF SOFT DRINK, ICE OR OTHER DISPENSERS ARE SELF-SERVICE, OR IF REFILLS ARE PROVIDED THEY MUST. BE PUSH BUTTON TYPES,

27. ALL EXTERIOR DOORS MUST OPEN OUTWARD AND BE SELF-CLOSING AND TIGHT FITTING.

OR LEVER TYPES WHERE THE LEVER CONTACTS THE CONTAINER AT LEAST ONE INCH BELOW THE RIM.

28. BI-FOLD, FRENCH, ACCORDION STYLE & ROLL-UP DOORS CANNOT OPEN INTO THE FOOD PREP, UTENSIL WASHING OR UNPACKAGED

29. ALL RESTROOM & DRESSING ROOM DOORS MUST BE SELF-CLOSING AND TIGHT FITTING.

30. A MINIMUM OF 10 FOOT CANDLES OF LIGHT MEASURED 30" OFF FLOOR MUST BE PROVIDED IN WALK-IN REFRIGERATED STORAGE \$ DRY STORAGE ROOMS & AT LEAST 20 FOOT CANDLES OF LIGHT SHALL BE PROVIDED FOR CONSUMER SELF-SERVICE WHERE FRESH PRODUCE OR PREPACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION; INSIDE EQUIPMENT SUCH AS REACH-IN & UNDER COUNTER REFRIGERATORS: IN AREAS USED FOR HANDWASHING, WAREWASHING, EQUIPMENT & UTENSIL STORAGE & TOILET ROOMS

31. A MINIMUM OF 50 FOOT CANDLES OF LIGHT MEASURED 30" OFF FLOOR MUST BE PROVIDED WHEN WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS OR SAMS WHERE EMPLOYEE SAFETY IS A FACTOR \$ IN ALL AREAS DURING PERIODS OF CLEANING.

32. ALL LIQUID WASTE SHALL BE DRAINED BY A MEANS OF INDIRECT WASTE PIPES INTO A FLOOR SINK. FLOOR SINKS ARE TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR SURFACE \$ HAVE EASILY REMOVABLE SAFETY COVER GRATES.

33. FLOOR SINKS ARE TO BE 50% EXPOSED WHEN NO ACCESS IS PROVIDED FOR CLEANING OR BE IN LINE WITH THE FRONT FACE OF ELEVATED FREE STANDING EQUIPMENT.

34. FOR CLEANING FLOOR MATS, THE MOP SINK SHALL BE A MINIMUM OF 24" x 36" FLOOR MOUNTED TYPE. MOPS SHALL BE PLACED IN A POSITION THAT ALLOWS THEM TO AIR DRY WITHOUT SOILING WALLS, EQUIPMENT OR SUPPLIES.

35. THE MOP SINK FAUCET SHALL HAVE A THREADED OUTER LIP FOR HOSE ATTACHMENT WITH AN APPROVED BACKFLOW PREVENTION DEVICE. NO CHEMICAL DIPSENSING SYSTEMS OR SHUT-OFF VALVES TO BE ATTACHED TO THE MOP SINK FAUCET UNLESS A "SIDEKICK" PLUMBING DEVICE IS INSTALLED.

36. NO CONDENSATE OR WASTEWATER INCLUDING HVAC WILL DRAIN INTO THE JANITORIAL SINK

37. GREASE TRAPS SHALL BE LOCATED OUTSIDE OF THE FOOD SERVICE ACTIVITY AREA, FLUSH WITH THE FINISHED FLOOR WHEN INDOORS. LOCAL WASTEWATER DISTRICT OR BUILDING DEPARTMENT SHALL BE CONTACTED FOR GREASE REMOVAL REQUIREMENTS.

38. FLOOR DRAINS SHALL BE INSTALLED IN FLOORS THAT ARE WATER FLUSHED FOR CLEANING \$ IN AREAS WHERE PRESSURE SPRAY METHODS FOR CLEANING EQUIPMENT ARE USED, IN RESTROOMS, JANITORIAL ROOMS, SCULLERIES & AT BARS WITH WAREWASHING. FLOOR SURFACES IN AREAS PURSUANT TO THIS SHALL BE SLOPED 1:50 TO THE FLOOR DRAINS.

39. THE FLOOR FINISH WILL HAVE A SMOOTH SURFACE UNDER ALL EQUIPMENT, AND THE WALKWAYS WILL HAVE A LIGHT TEXTURE ONLY. 40. ADEQUATE VENTILATION IS TO BE PROVIDED TO ALL TOILET ROOMS, JANITOR CLOSETS WITH MOP SINKS, INDOOR TRASH ROOMS \$ DRESSING/CHANGE ROOMS.

41. ALL SEAMS, GAPS, OPENINGS TO BE PROPERLY SEALED.

FOOD SERVICE AREAS.

42. PAINT USED ON WALLS & CEILINGS OF ALL KITCHEN, FOOD PREP, WORK & STORAGE AREAS SHALL BE GLOSS OR SEMI-GLOSS ENAMEL. FINISH MATERIAL SHALL BE LIGHT IN COLOR IN FOOD PREP AREAS FOR EASY CLEANING.

43. PRIOR TO INSTALLATION, SAMPLES OF FINISHES TO BE SUBMITTED TO ENVIRONMENTAL HEALTH FOR APPROVAL AS NEEDED.

44. COLD STORAGE ROOMS SHALL BE PROVIDED WITH A SECTION OF SHELVING INSTALLED TO HOLD SHALLOW COOL DOWN PANS - NOT TO EXCEED 4" IN HEIGHT. SPACE BETWEEN SHELVES SHALL BE AT LEAST 8" HIGH.

45. BACKUP DRY STORAGE SHELVING SHALL BE A MINIMUM OF 96 LINEAL FEET (MEASURED WITH TIERS) OR 25% OF KITCHEN, FOOD PREP & WORK AREAS WHICHEVER IS GREATER. SHELVING SHALL BE AT LEAST 18" DEEP & START AT A MINIMUM OF 6" ABOVE THE FLOOR SURFACE.

RESTAURANT REMODEL / EXPANSION:

BREAD CRUMB - OHANA CAFE'

BEACH GARFIELD SHOPPING CENTER HUNTINGTON BEACH, CA

PROJECT INFORMATION

SHELL BUILDING DATA: (FOR REFERENCE ONLY) CONSTRUCTION TYPE: TYPE V-B, SPRINKLERED EXISTING ONE STORY MULTI-TENANT BUILDING

PROJECT OCCUPANCY GROUP: A-2 RESTAURANT EXISTING FLOOR AREA: 1,215 S.F PROPOSED FLOOR AREA: 2,540 S.F.

PROJECT DESCRIPTION:

REMODEL / EXPANSION OF AN EXISTING RESTAURANT WITHIN THE EXISTING BUILDING SHELL: WORK TO INCLUDE NEW EXTERIOR DINING PATIO. REPLACE STOREFRONT WINDOWS, NEW INTERIOR PARTITIONS. CEILINGS, LIGHTING, ELECTRICAL, PLUMBING, HVAC, & NEW TYPE EXHAUST HOOD - NO STRUCTURAL MODIFICATIONS TO THE EXISTING BUILDING UNDER THIS PERMIT

PROJECT ADDRESS:

19079 BEACH BLVD. HUNTINGTON BEACH, CA 92648

APPLICABLE CODES:

this request.

NAME (PRINT)

2010 CALIFORNIA BUILDING CODE 2010 CALIFORNIA MECHANICAL CODE 2010 CALIFORNIA PLUMBING CODE 2010 CALIFORNIA ELECTRICAL CODE 2008 CALIFORNIA ENERGY CODE 2010 CALIFORNIA FIRE CODE 2010 CALIFORNIA GREEN BUILDING CODE

No new construction or tenant improvements are proposed as part of

DISABLED ACCESS NOTE COMPLIANCE

I. I AM THE DESIGNER/OWNER IN RESPONSIBLE CHARGE OF THIS ADDITION/ALTERATION PROJECT; I HAVE INSPECTED THE SITE/PREMISES AND DETERMINED THAT EXISTING CONDITIONS, X ARE

AS IMPROVED PER THESE PLANS, WILL BE IN FULL COMPLIANCE WITH CURRENT SITE ACCESSIBILITY REQUIREMENTS TO THE EXTENT REQUIRED BY LAM. Robert RYAN WATKINS 2/IO/I2 | DESIGNER

2. I AM THE DESIGNER/OWNER IN RESPONSIBLE CHARGE OF THIS ADDITION / ALTERATION PROJECT; I HAVE INSPECTED THE SITE/PREMISES AND DETERMINED THAT EXISTING RESTROOM(S) SERVING AREA(S) OF ALTERATION,

AS IMPROVED PER THESE PLANS, WILL BE FULLY ACCESSIBLE ACCORDING TO CURRENT REQUIREMENTS 2/IO/I2 | DESIGNER RYAN WATKINS NAME (PRINT)

3. IF THE BUILDING INSPECTOR DETERMINES NONCOMPLIANCE WITH ANY CURRENT ACCESSIBILITY PROVISIONS OF THE LAW, HE/SHE SHALL REQUIRE SUBMITTAL OF COMPLETE AND DETAILED PLANS TO THE BUILDING DEVELOPMENT REVIEW DIVISION OF THE DEVELOPMENT SERVICES DEPARTMENT FOR FURTHER REVIEW. PLANS MUST CLEARLY SHOW ALL EXISTING NON-COMPLYING CONDITIONS AFFECTED BY THE REMODEL (INCLUDING SITE PLAN, FLOOR PLAN, DETAILS, ETC.) AND PROPOSED MODIFICATIONS OF DEFICIENCIES TO MEET CURRENT ACCESSIBILITY PROVISIONS. THE PLANS MUST BE STAMPED BY THE FIELD INSPECTOR PRIOR TO SUBMITTAL FOR PLAN REVIEW.

CONTACTS

VICINITY MAP

FIRE DEPARTMENT NOTES

2 PROVIDE TWO SEPARATE SOURCES OF POWER FOR EXIT SIGNS CONFORMING TO CBC 1011.5.3

TIMES. THE EGRESS ILLUMINATION LEVEL SHALL BE I FOOTCANDLE (MIN.) & THE MEANS OF

PROVIDE A MINIMUM OF ONE 2AIOBC CLASSIFICATION FIRE EXTINGUISHER WITHIN 75 FEET TRAVEL DISTANCE FOR EACH 3,000 SQUARE FEET, OR PORTION THEREOF, ON EACH FLOOR.

AUTOMATIC SPRINKLERS & WET & DRY STANDPIPES, HALON SYSTEMS & OTHER SPECIAL

TYPES OF AUTOMATIC FIRE EXTINGUISHING SYSTEMS, BASEMENT PIPE INLETS & OTHER FIRE

ADDRESSES SHALL BE PROVIDED FOR ALL NEW & EXISTING BUILDINGS IN A POSITION AS TO

BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

8 DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDANT CONDITION. (TITLE

10 ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS AND

12 COMPLETE PLANS & SPECIFICATIONS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED TO

FIRE & LIFE SAFETY FOR REVIEW & APPROVAL PRIOR TO INSTALLATION. (CFC 907.1)

IS AN APPROVED AUDIBLE SPRINKLER FLOW ALARM SHALL BE PROVIDED ON THE EXTERIOR

14 APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEMS SHALL BE PROVIDED FOR THE PROTECTION OF COMMERCIAL-TYPE COOKING EQUIPMENT. (UL 300 SYSTEM)

WATER FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED

9 FIRE EXTINGUISHING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CFC 903 AN

II INSTALLATION OF FIRE ALARM SYSTEMS SHALL BE IN ACCORDANCE WITH CFC 907.

PROTECTION SYSTEMS & APPURTENANCES THERETO SHALL BE SUBMITTED TO FIRE & LIFE

ILLUMINATION SHALL BE PROVIDED WITH A 90 MINUTE EMERGENCY BACK-UP POWER SUPPLY

3 THE MEANS OF EGRESS INCLUDING THE EXIT DISCHARGE SHALL BE ILLUMINATED AT ALL

5 COMPLETE PLANS & SPECIFICATIONS FOR FIRE EXTINGUISHING SYSTEMS, INCLUDING

6 BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE IN

SAFETY FOR REVIEW & APPROVAL PRIOR TO INSTALLATION. (CFC 901.2)

WHERE THE NUMBER OF SPRINKLER IS 20 OR MORE (CFC 903.4)

OF THE BUILDING IN AN APPROVED LOCATION. (CFC 903.4.2)

ACCORDANCE WITH CFC CHAPTER 14 (CFC 1401.1)

19, SECTION 3.08, 3.21, CFC 804, 806, 807)

COMPLY WITH STANDARDS OF 903.3.

(CFC 505.1, FHPS P-00-6)

I EXIT SIGNS MUST BE INTERNALLY ILLUMINATED. (CFC SEC. 1212.4 \$ CBC SEC. 1011)

Garfield Ave

Rainbow Cir

Lowtide Cir 🚓

Huntington Beach Car Wash

BREAD CRUMB OHANA CAFE' 19079 BEACH BLVD. HUNTINGTON BEACH, CA 92648 CONTACT: BRYAN CHUN

PHONE: (714) 960-5051 EMAIL: bryan.chun3@gmail.net

WEST COAST RETAIL MANAGEMENT, INC. 9888 CARMEL MOUNTAIN RD., SUITE I SAN DIEGO, CA 92129

Nursing Center

7674

A Hall-Jehovah's

\$ CFC |2|2.5

SOURCE.

(CBC 1006)

CONTACT: ROBERTA DEGENER PHONE: (858) 538-7500 EMAIL: rdegener@wcretail.com

STUDIO C ARCHITECTS 6125 CORNERSTONE CT. E. #200 SAN DIEGO, CA 92121

> CONTACT: RYAN WATKINS PHONE: (858) 866-0889 EMAIL: ryan@studioc.cc

> > Garfield Ave

HoneyBaked

LANDLORD:

TI PROJECT DATA, CONTACTS, DRAWING INDEX & NOTES

DRAWING INDEX

- T2 REFERENCE SITE PLAN
- AO EGRESS PLAN

- A4 ENLARGED RESTROOM PLAN, ELEVATIONS & DETAILS
- A5 INTERIOR ELEVATIONS, WALL SECTIONS
- A6 CEILING DETAILS, STOREFRONT SECTIONS & DETAILS
- AT DOOR & HARDWARE SCHEDULE, WINDOW SCHEDULE

FOOD SERVICE

KI EQUIPMENT PLAN & SCHEDULE

MECHANICAL

- MI MECHANICAL ROOF PLAN, SCHEUDULES
- M2 MECHANICAL FLOOR PLAN, NOTES
- M3 EXHAUST HOOD PLAN, ELEVATION & DETAILS

PLUMBING

- PI WASTE/VENT PIPING PLAN, GREASE INTERCEPTOR
- P2 WATER & GAS PIPING PLANS
- P3 SCHEDULES, CALCULATIONS & NOTES
- E2 LIGHTING PLAN, SCHEDULE
- E3 PANEL SCHEDULES, SINGLE LINE DIAGRAM
- E4 TITLE 24

NORTH

ARCHITECTURAL

- DI DEMO FLOOR PLAN
- AI FLOOR PLAN
- A2 REFLECTED CEILING PLAN
- AS INTERIOR FINISH PLAN

ELECTRICAL

- EI POWER PLAN

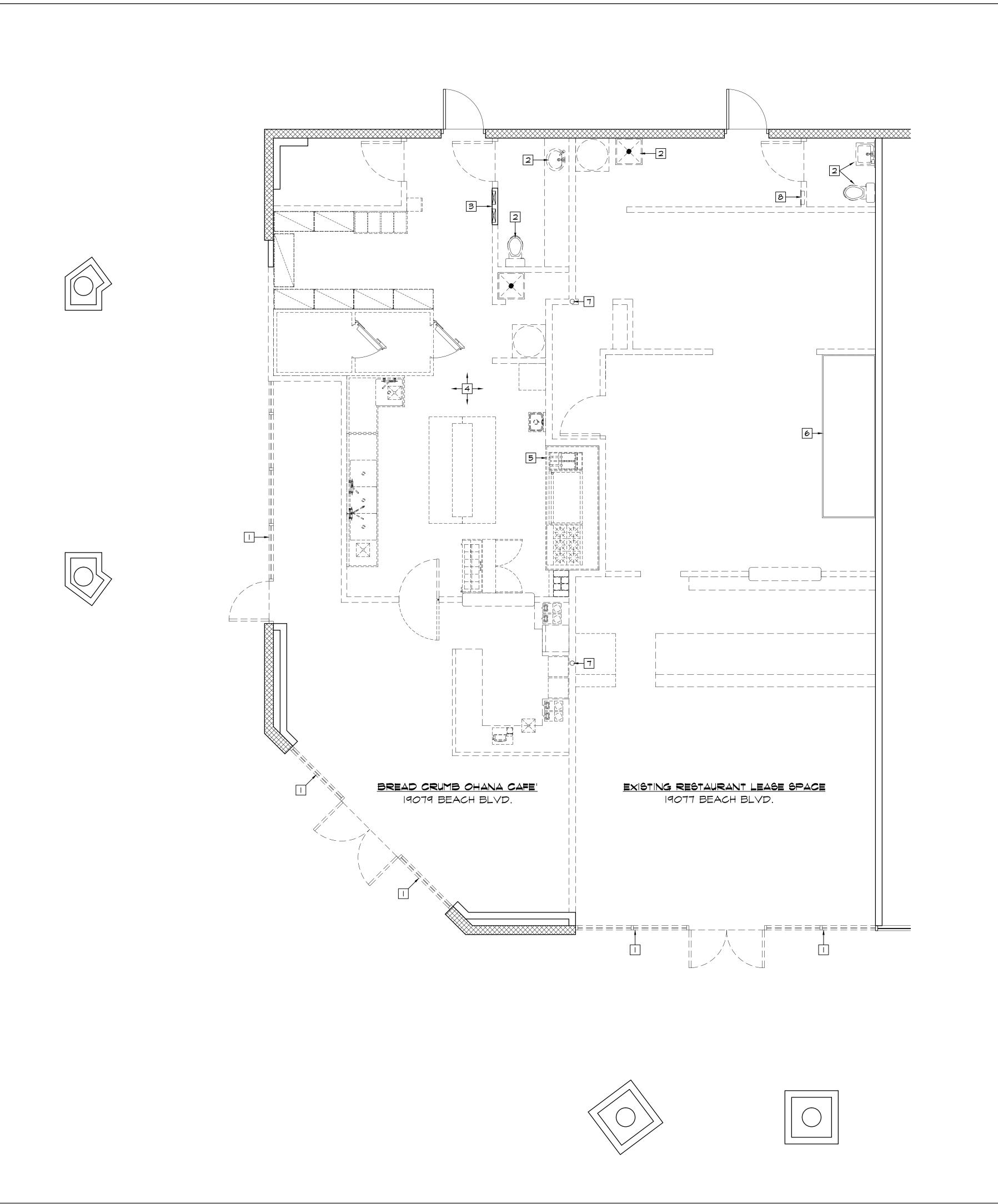
JOB NO. 2011-207

DATE: 2/10/12

REVISIONS:

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ACCESSIBILITY SIGN REF. DETAIL #3— FLORIDA STREET WHEEL STOP--BLUE PAINTED STRIPING (TYP. @ ACCESSIBLE PARKING) -BLUE PAINTED STRIPING @ 36" O.C. -12" HIGH WHITE PAINTED PROJECT LOCATION 19079 BEACH BLVD. -LETTERING WITHIN LOADING AISLE EXISTING TRASH ENCLOSURE --PAINTED ACCESSIBILITY SYMBOL PER SECTION 1129B.4 (VAN) 2% MAX. SURFACE SLOPE ANY DIRECTION AT PARKING STALL \$ - ROOF ACCESS LADDER LOADING AISLE — 5'-0" MIN. AT TYPICAL ACCESSIBLE PARKING STALL 8'-0" MIN. AT VAN ACCESSIBLE PARKING STALL SHOPS STEIN MART SCALE: 1/8"=1'-0" ACCESSIBLE PARKING (TYPICAL) (E) SIDEWALK SHOPS ACCESSIBILITY SIGN WITH (REF: DTL. #4) <u>REVISIONS:</u> WHITE IMAGES ON BLUE BACKGROUND - EXISTING "ACCESSIBLE" PARKING (REF: DTL. #2) / SIGN @ VAN SPACE **FARMERS** HARVEST JOB NO. 2011-207 — PARKING SURFACE CVS ACCESSIBLE PARKING SIGNAGE SCALE: N.T.S. CHASE GROOVED BORDER DETAIL EXISTING CURB-CUT RAMP (REF: DTL. #4) 0 - 12" WIDE GROOVED WARNING BORDER @ TOP OF RAMP PERIMETER TACTILE WARNING TRUNCATED DOMES BEACH BOULEVARD 4'-0" DATE: 2/10/12 PLAN VIEW SCALE: N.T.S. ACCESSIBLE PARKING SIGNAGE SCALE: N.T.S. REFERENCE SITE PLAN

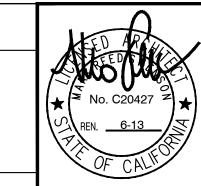


WALL LEGEND

EXISTING CMU WALL

EXISTING WALL

[_ _ _] EXISTING WALL TO DEMO



KEY NOTES

REMOVE (E) ALUM./GLASS STOREFRONT SYSTEM (TO BE REPLACED; SEE FLOOR PLAN & DETAILS)

2 REMOVE (E) PLUMBING FIXTURES; CAP-OFF PLUMBING BELOW SLAB / ABOVE CEILING - SEE PLUMBING DWGS. FOR NEW PLUMBING WORK

3 (E) ELECTRICAL DISTRIBUTION PANELS TO REMAIN; KEEP PORTION OF (E) WALL IN PLACE FOR PANELS

(E) EQUIPMENT SHOWN DASHED; G.C. TO COORD. REMOVAL / RELOCATION OF EQUIPMENT

5 (E) EXHAUST HOOD TO BE RELOCATED; SEE MECH'L DWGS.

6 (E) EXHAUST HOOD TO REMAIN

7 (E) STRUCTURAL COLUMN

8 SAFE-OFF & REMOVE (E) ELECTRICAL DISTRIBUTION PANEL & ASSOCIATED CONDUITS, FEEDERS ETC.

<u>REVISIONS:</u>

JOB NO. 2011-207

OCRUMB OHANA CAFE' 3079 BEACH BLVD.

GENERAL NOTES

I. CONTRACTOR SHALL REMOVE ALL EXISTING FLOORING, WALL BASE, SUSPENDED CEILINGS, LIGHTING & DUCTWORK THROUGH OUT THE PREMISES.

2. FLOOR SLAB SHALL BE CLEANED & PREPPED TO ACCEPT NEW FINISHES. PATCH / REPAIR ANY DAMAGE IN EXISTING GYP. BD. WALLS TO REMAIN, PREP WALLS TO ACCEPT NEW FINISHES.

3. CONTRACTOR SHALL TERMINATE ABANDONED WATER AND GAS LINES AT THE UNDERSIDE OF THE ROOF & TERMINATE ABANDONED SEWER LINES BELOW THE SLAB. REMOVE ALL ABANDONED ELECTRICAL CONDUITS BACK TO THE ELECTRICAL DISTRIBUTION PANEL.

4. CONTRACTOR SHALL ARRANGE FOR THE REGULAR AND PROPER REMOVAL OF ALL CONSTRUCTION TRASH AND DEBRIS FROM THE SITE.

5. SAW CUTTING OF EXISTING CONC. FLOOR SLAB IS REQUIRED (NOT SHOWN) FOR NEW PLUMBING. SEE PLUMBING DRAWINGS FOR

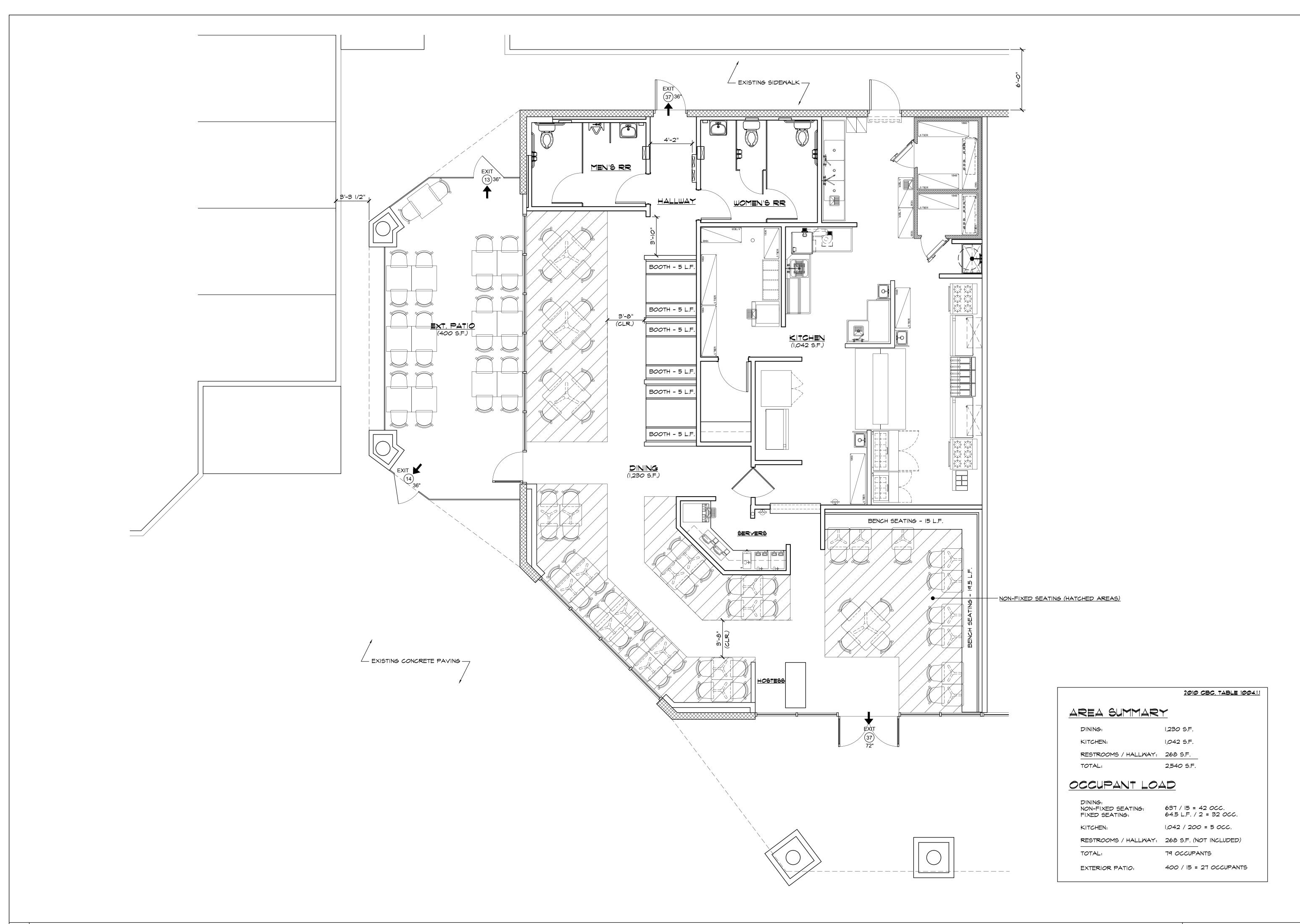
6. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN

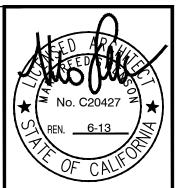
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DATE: 2/10/12

DEMO FLOOR PLAN

SCALE: 1/4"=1'-0"





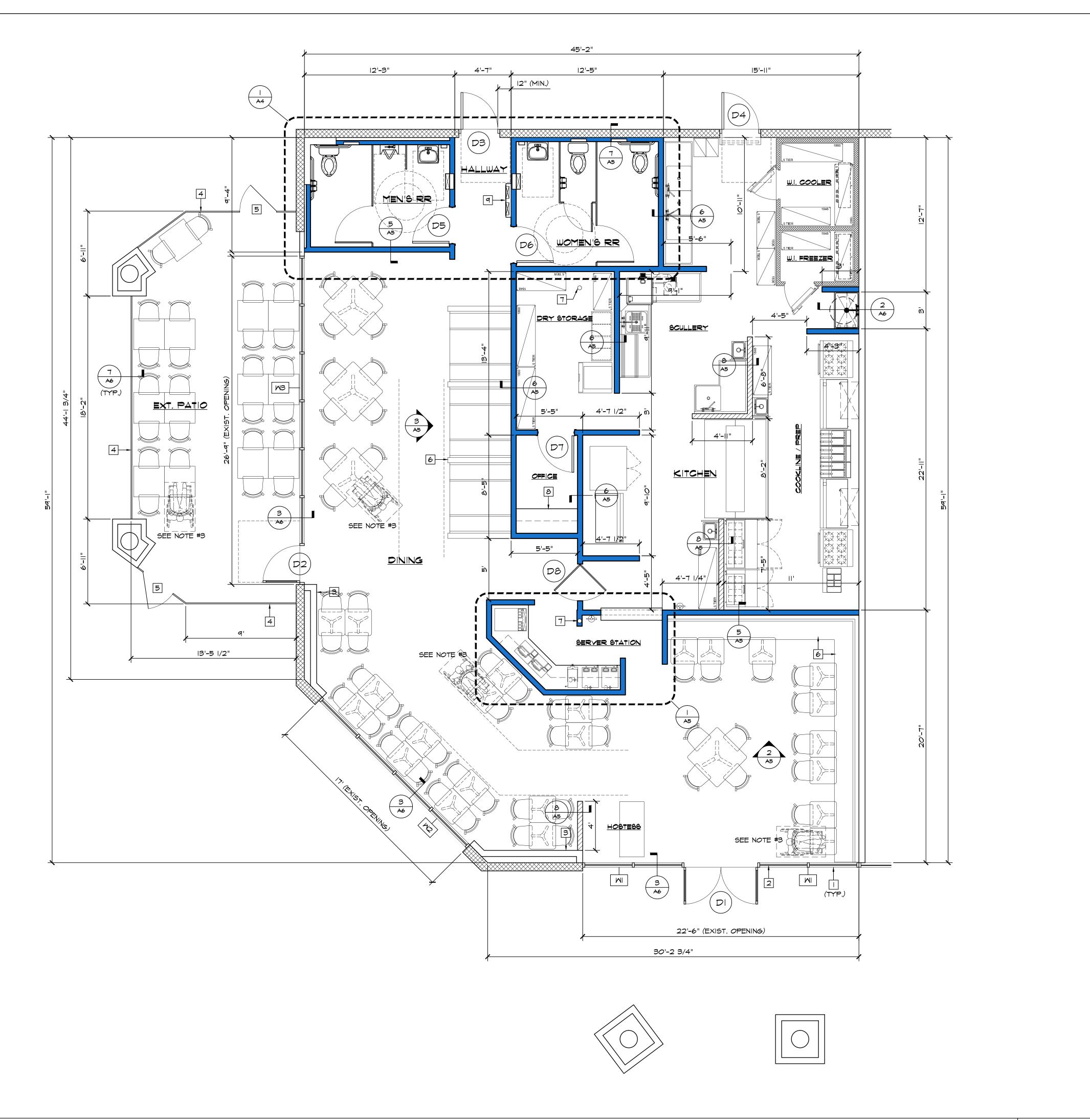
<u>REVISIONS:</u>

JOB NO. 2011-207

CRUMB OHANA CAFE' 079 BEACH BLVD.

DATE: 2/10/12

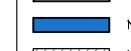
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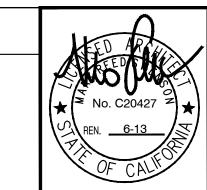
WALL LEGEND

EXISTING CMU WALL

EXISTING WALL







KEY NOTES

(N) 9'-6" HIGH ALUM./GLASS STOREFRONT SYSTEM - SEE MINDOW SCHEDULE, SHT. A7

2 5" \times 5" International symbol of accessibility sign affixed to glazing @ 60" a.f.f.

3 OCCUPANT LOAD SIGN PER CBC 1004.3 (79 OCCUPANTS - DINING) (27 OCCUPANTS - PATIO)

4 (N) 60" HIGH PRE-ENGINEERED GLASS PATIO RAILING SYSTEM SEE DETAIL 6/A6

5 36" WIDE GATE W/ PANIC HARDWARE (TO MATCH RAILING)

6 BOOTH / BENCH SEATING BY OWNER

7 (E) STRUCTURAL COLUMN

8 24" DEEP P-LAM. DESKTOP @ 30" A.F.F. / 12" DEEP SHELVING ABOVE; G.C. TO COORD. W/ OWNER

(E) ELECTRICAL DISTRIBUTION PANELS; SEE ELECTRICAL DWGS.



<u>REVISIONS:</u>

JOB NO. 2011-207

GENERAL NOTES

I. G.C. TO VERIFY ALL EXISTING CONDITIONS IN FIELD.

2. DIMENSIONS ARE TO FACE OF SHEATING U.O.N.

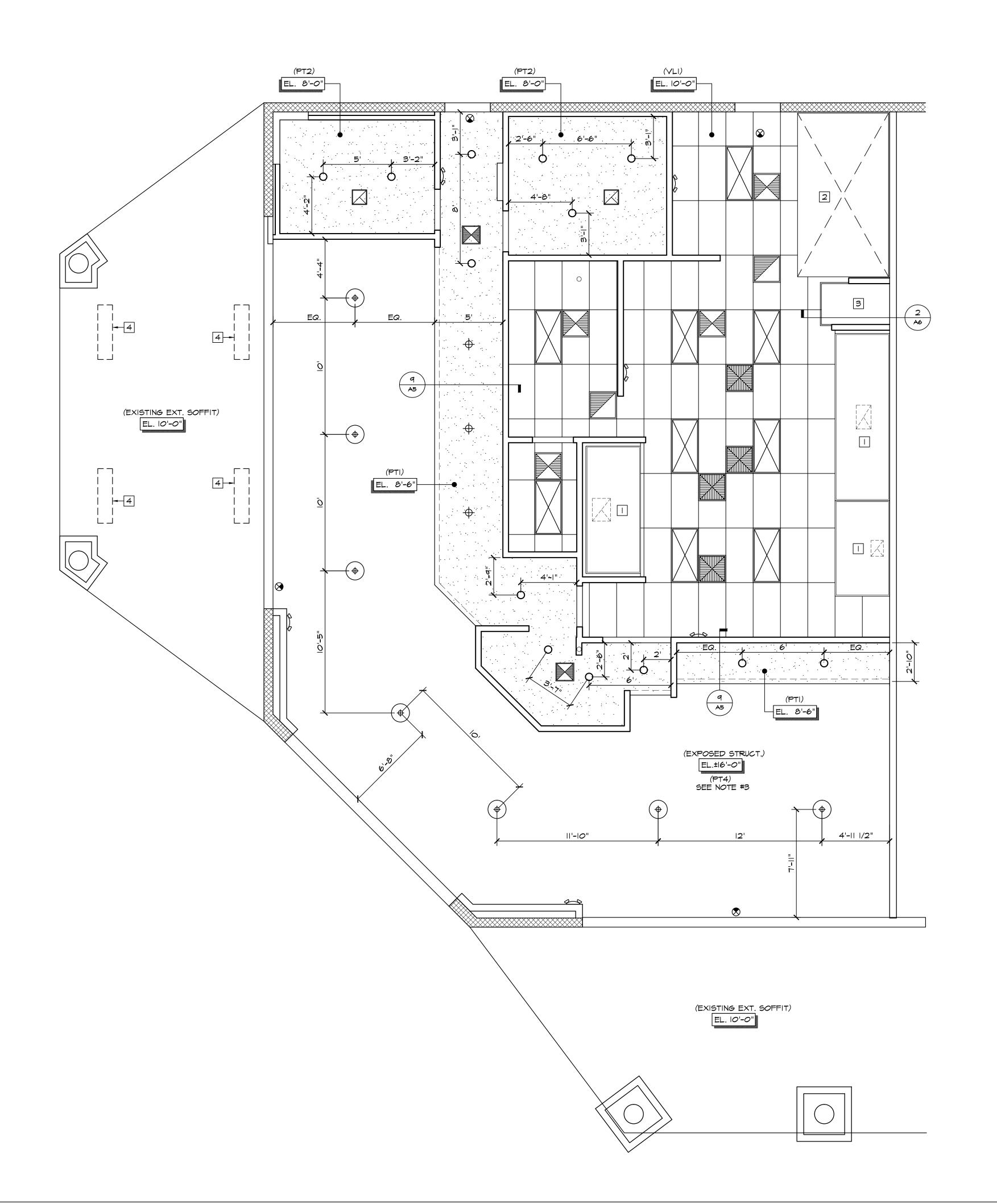
3. H.C. ACCESSIBLE TABLES ARE TO BE NO MORE THAN 34" A.F.F. WITH KNEE CLEARANCE AT LEAST 27" HIGH, 30" WIDE AND 19" DEEP W/ NO FIXED SEATING. 5% OF TOTAL SEATING SHALL BE MADE ACCESSIBLE.

4. G.C. TO PROVIDE PLYMD. BACKING OR MOOD BLOCKING IN MALLS @ ALL MALL MNTD. EQUIPMENT/FIXTURE LOCATIONS

5. SEE SHEET KI FOR KITCHEN EQUIPMENT PLAN & SCHEDULE

DATE: 2/10/12

NORTH





SUSPENDED CEILING GRID SYSTEM SEE DTL. I/A6



GYPSUM BOARD CEILING - PAINT PER PLAN



2x4 FLUOR. TROFFER

O 6"\$ RECESSED DOWNLIGHT

PENDANT LIGHT (CENTER O/ TABLE @ 60" AFF)

CORD HUNG SHADE LIGHT - II' AFF TO BOTTOM

ILLUMINATED EXIT SIGN - 90 MINUTE BATTERY BACK-UP POWER SUPPLY (WALL MOUNT ABOVE DOOR OR MOUNT IN CEILING AS REQ'D.)

MALL MOUNTED ADJUSTABLE HEAD EMERGENCY LIGHT - 90 MINUTE BATTERY BACK-UP POWER SUPPLY (MOUNT @ 7'-6' AFF)

SUPPLY AIR DIFFUSER - SEE MECH'L. DWGS.

RETURN AIR GRILLE - SEE MECH'L. DWGS.

MAKE-UP AIR DIFFUSER - SEE MECH'L. DWGS.

RESTROOM EXHAUST (12 AIR CHANGES / HR.) SEE MECH'L. DWGS.

KEY NOTES

ST./STL. EXHAUST HOOD - SEE MECH'L. DWGS.

2 WALK-IN COOLER / FREEZER - PRE-FAB'D. INSULATED ALUMINUM CEILING PANELS BY MFR.

3 ELEVATED CEILING FOR WATER HEATER ON PLATFORM ABOVE MOP SINK

INFRARED PATIO HEATER MOUNTED TO UNDERSIDE OF (E)
EXTERIOR SOFFIT - CLEARANCE TO COMBUSTIBLE MATERIAL
SHALL BE MAINTAINED AS INDICATED IN THE MFR.
INSTRUCTIONS (VERIFY QTY. W/ OWNER)
HEATER SPEC: SUNPAK S34-NAT OR EQUAL

No. C20427 ** No. C20427 ** OF CALE

STORISH OF THE SHIP STORY SAN DIFFE OF THE SHIP SAN DIFFE OF THE SAN DIFFE

REVISIONS:

JOB NO. 2011-207

CRUMB OHANA CAFE'
079 BEACH BLVD.

GENERAL NOTES

I. G.C. TO VERIFY ALL EXISTING CONDITIONS IN FIELD.

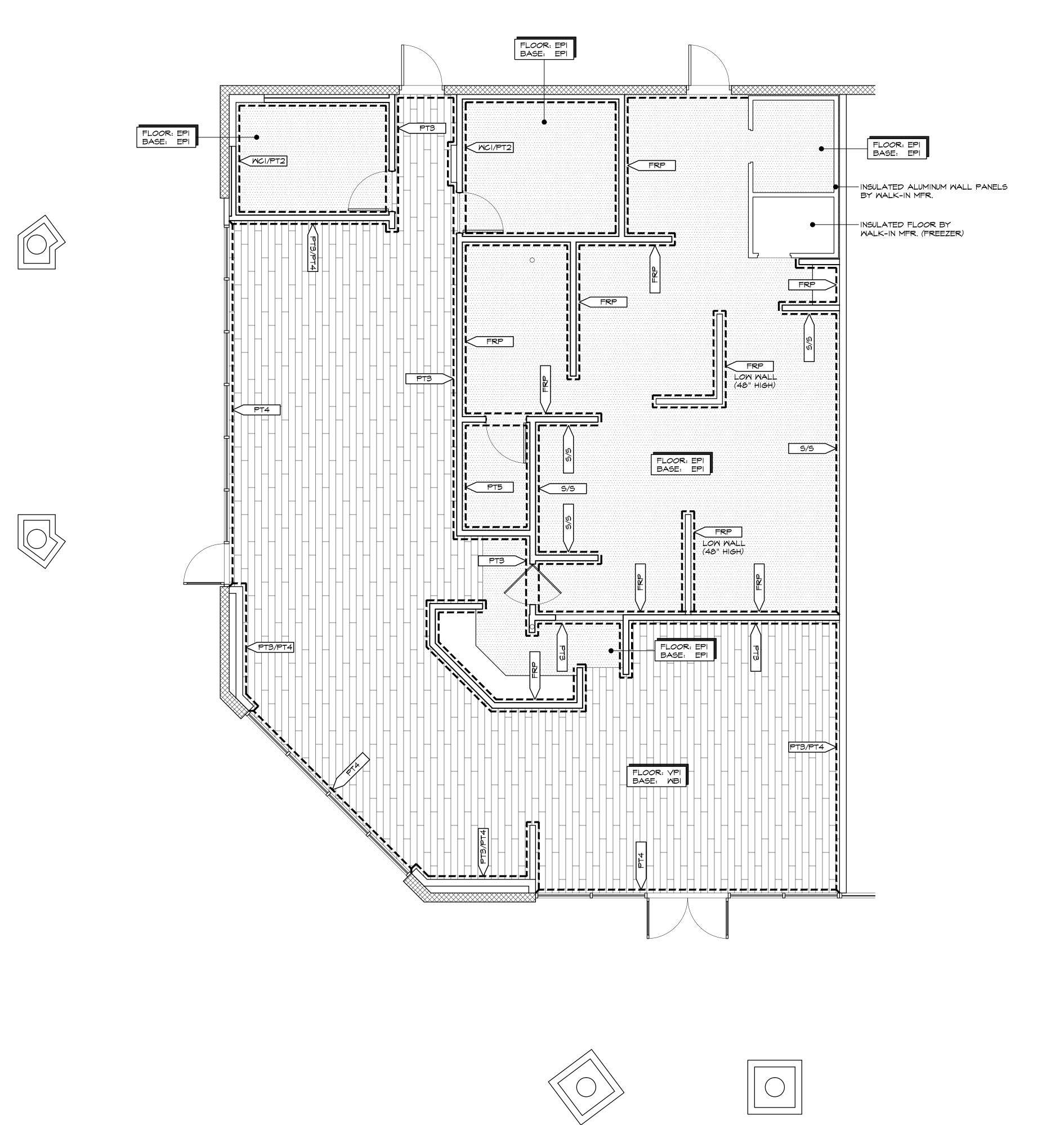
2. DIMENSIONS ARE TO FACE OF SHEATING U.O.N.

3. CEILING IN DINING AREA SHALL BE OPEN TO ROOF STRUCTURE ABOVE. G.C. TO PROVIDE BLACK VINYL SCRIM TO UNDERSIDE OF EXISTING JOISTS IN ALL EXPOSED AREAS.

4. CEILING IN ALL KITCHEN, FOOD PREP & STORAGE AREAS SHALL BE SMOOTH, WASHABLE & LIGHT IN COLOR.

5. SEE FINISH SCHEDULE FOR CEILING PAINT & TILE SPECS.

A2



FINISH SPECIFICATIONS

FLOORS

VPI: VINYL PLANK FLOORING (CONTRACTOR TO VERIFY COLOR, STYLE W/ OWNER)

EPI: EPOXY - COMMERCIAL GRADE W/ 6" HIGH INTEGRAL COVE BASE (CONTRACTOR TO VERIFY COLOR W/ OWNER)

TRANSITION STRIP: PER VINYL PLANK FLOORING MFR.

wall base

MBI: 4" MOOD OR VINYL BASE (DINING AREA ONLY) - (CONTRACTOR TO VERIFY M/ OWNER)

WCI: 48" HIGH WAINSCOT (RESTROOMS) - MARLITE, COLOR: #C-100-G66 WHITE (CONTRACTOR TO VERIFY W/ OWNER)

FRP: MARLITE, COLOR: #P-100 WHITE - TOP OF WALL BASE TO CEILING U.O.N. (KITCHEN AREAS)

S/S: STAINLESS STEEL PANELS - TOP OF WALL BASE TO BOTTOM OF EXHAUST HOOD (BEHIND COOKING EQUIPMENT)

CEILING

VLI: SUSPENDED CEILING - ARMSTRONG VL #870 TILE (VINYL FACED, NON-PERFORATED) 24"x48"x5/8" W/ PRELUDE 15/16" EXPOSED TEE GRID, COLOR: WHITE

COUNTERTOPS & LAMINATES

PL-I: PLASTIC LAMINATE (SERVER STATION COUNTERTOP) - (CONTRACTOR TO VERIFY COLOR W/ OWNER)

PL-2: PLASTIC LAMINATE (DESKTOP IN OFFICE) - (CONTRACTOR TO VERIFY COLOR W/ OWNER)

PAINT

PTI: (DINING AREA SOFFITS) (CONTRACTOR TO VERIFY COLOR W/ OWNER)

PT2: (RESTROOM CEILING & WALLS) (CONTRACTOR TO VERIFY COLOR W/ OWNER)

PT3: (DINING AREA WALLS) (CONTRACTOR TO VERIFY COLOR W/ OWNER)

PT4: COLOR: BLACK (DINING AREA WALLS ABOVE 12' AFF & EXPOSED STRUCTURE, PIPING, DUCTWORK IN DINING AREA)

PT5: (OFFICE WALLS) (CONTRACTOR TO VERIFY COLOR W/ OWNER)

NOTES

I. WALL & CEILING SURFACES IN THE RESTROOMS, FOOD PREPARATION AREAS, SERVICE AREA, AND STORAGE AREAS SHALL BE LIGHT IN COLOR WITH A LIGHT REFLECTANCE VALUE (LRV) OF 70% OR GREATER, SMOOTH, NON-ABSORBENT, DURABLE AND EASY TO CLEAN.

2. ALL PAINTED FINISHES IN FOOD & PREP, SERVING & STORAGE LOCATIONS SHALL BE SEMI-GLOSS OR GLOSS FINISH

3. WATER RESISTANT WALL FINISHES (ie. CERAMIC TILE, FRP, STAINLESS STEEL) IS REQUIRED BEHIND ALL SINKS, MOP SINKS & DISHWASHERS. FINISH SHALL BE A MINIMUM OF 8'-O" ABOVE FLOOR STARTING FROM THE TOP OF THE WALL BASE.

4. WATER RESISTANT WALL FINISHES IN RESTROOMS SHALL BE A MINIMUM OF 4'-O" ABOVE FLOOR STARTING FROM THE TOP OF THE COVE WALL BASE.

> ---- WALL FINISH PER PLAN WALL FINISH PER PLAN ---CAULK JOINT -- "KEYED-IN" COVED BASE CEMENT BACKERBD.

> > QUARRY TILE

2 COVE WALL BASE DETAIL

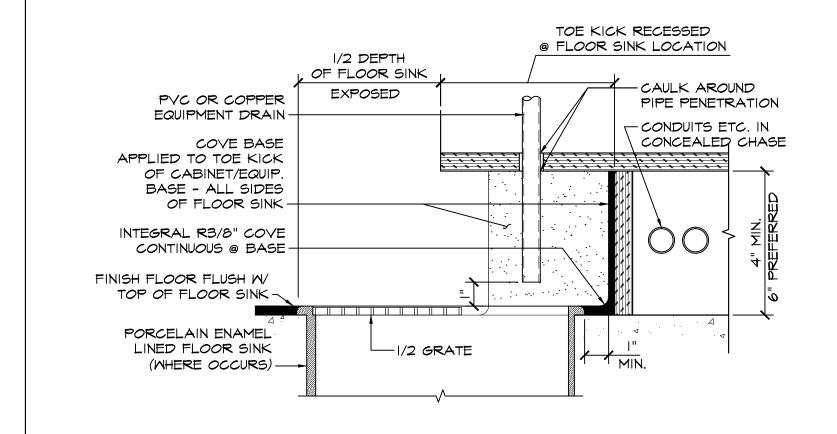
R3/8"-

EPOXY

EPOXY PER PLAN -

SCALE: N.T.S.

- FLOORING PER PLAN



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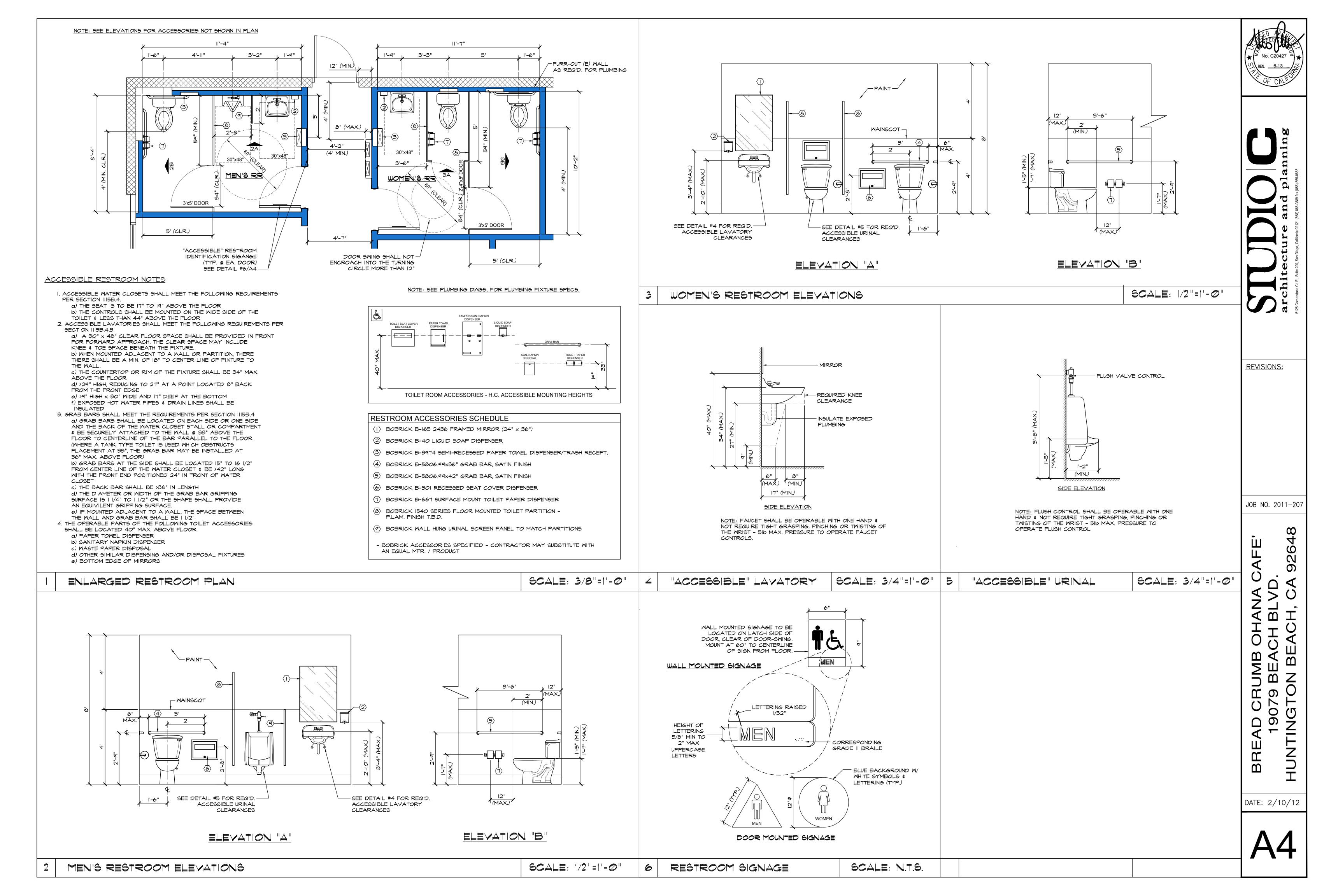
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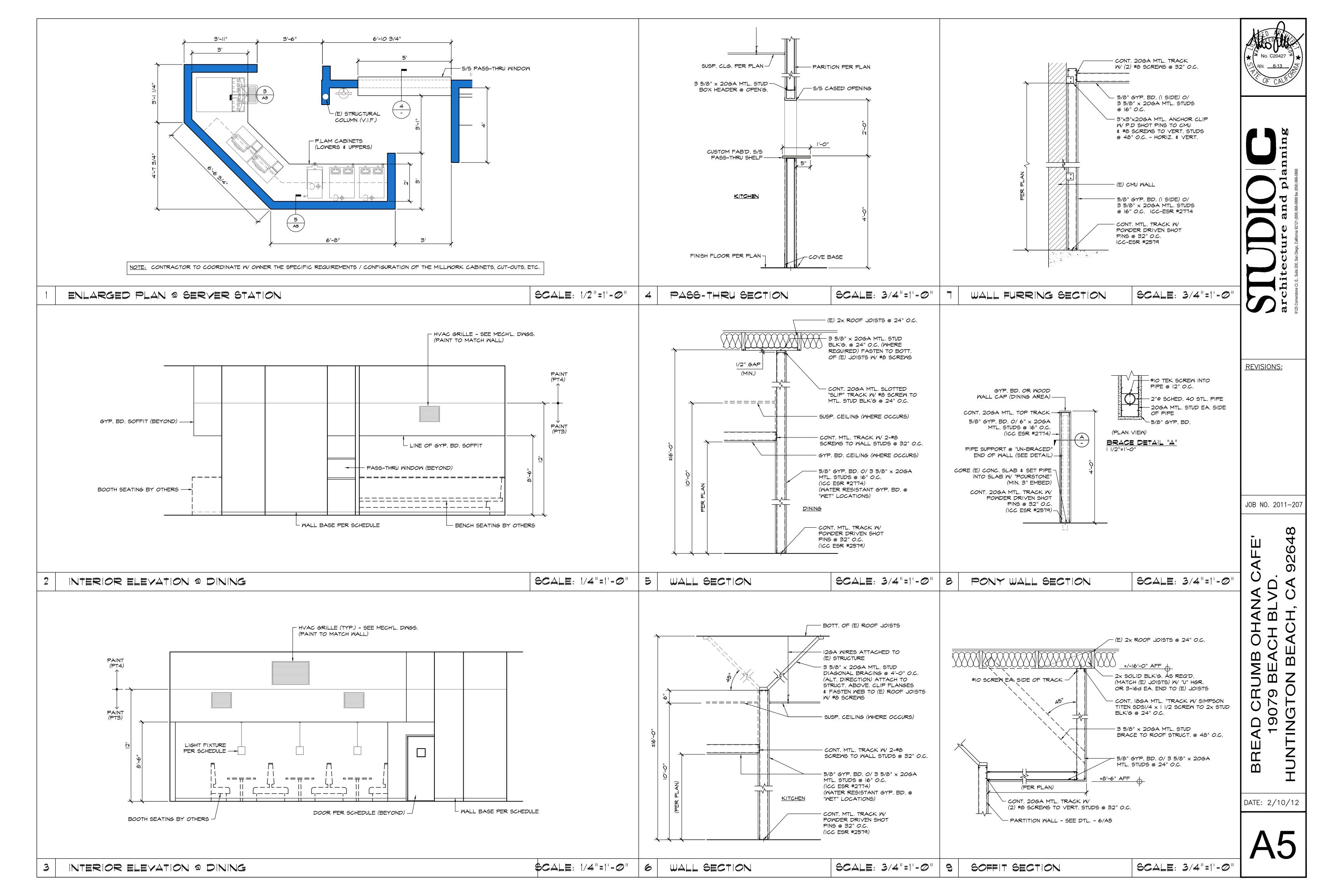
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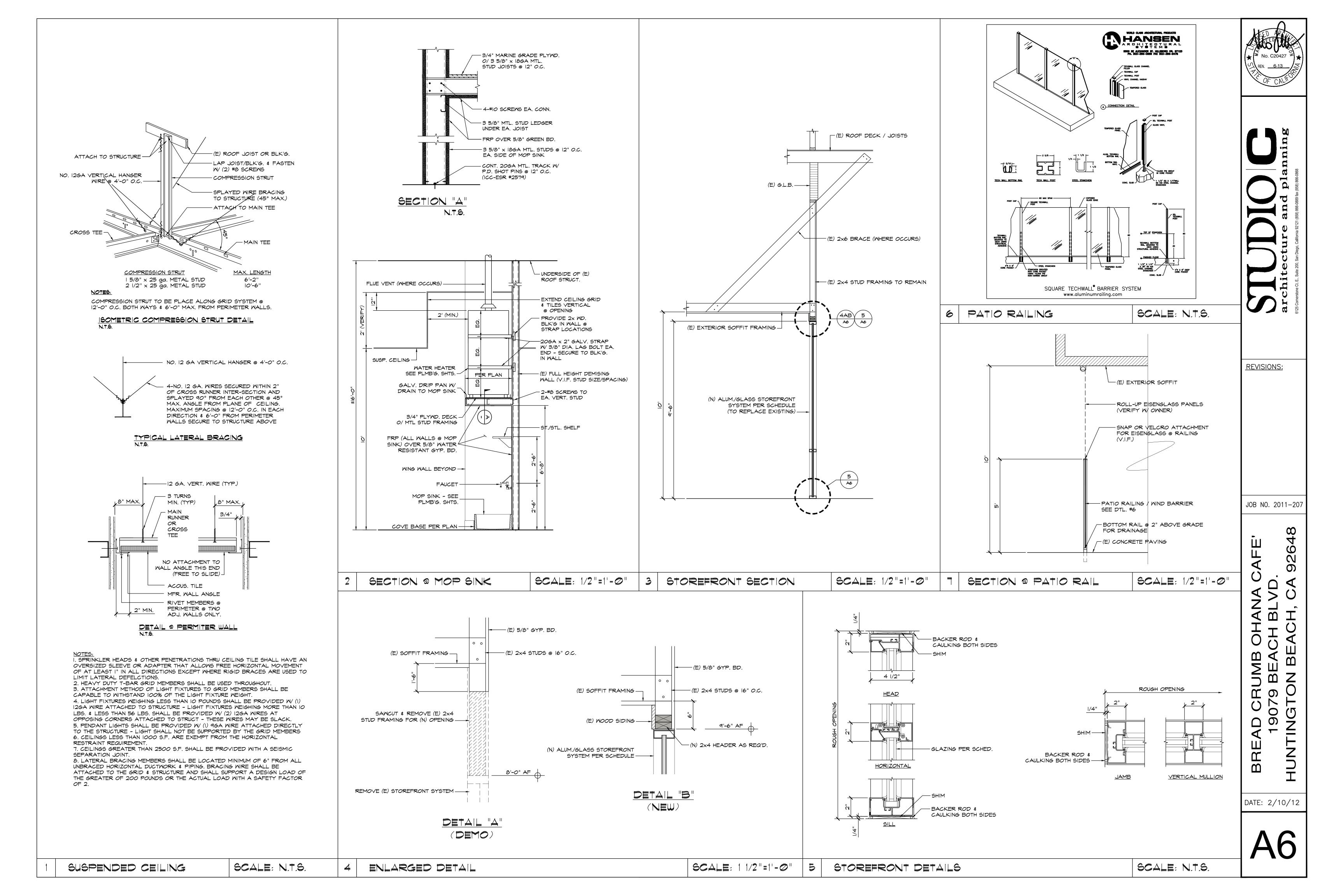
SCALE: 1/4"=1'-0"

3 COVE BASE @ CABINET/FLOOR SINK

SCALE: N.T.S.

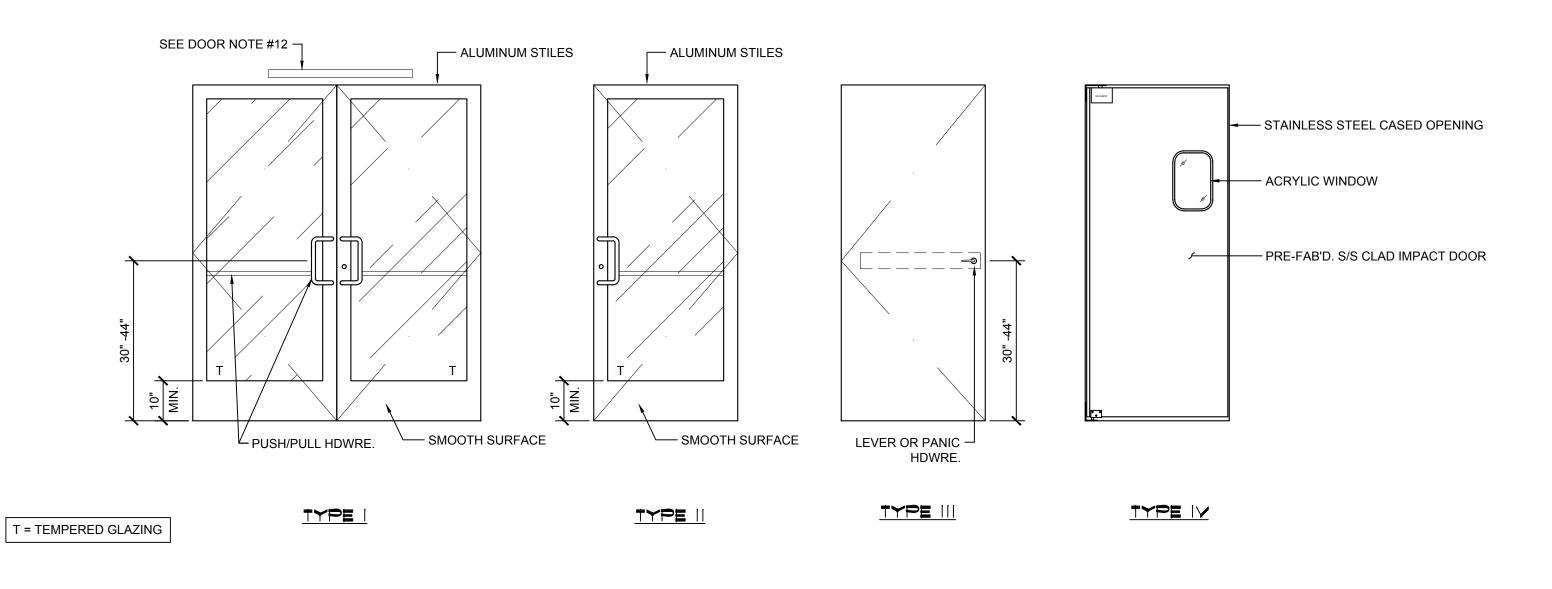






PUSH SIDE

DOOR TYPES



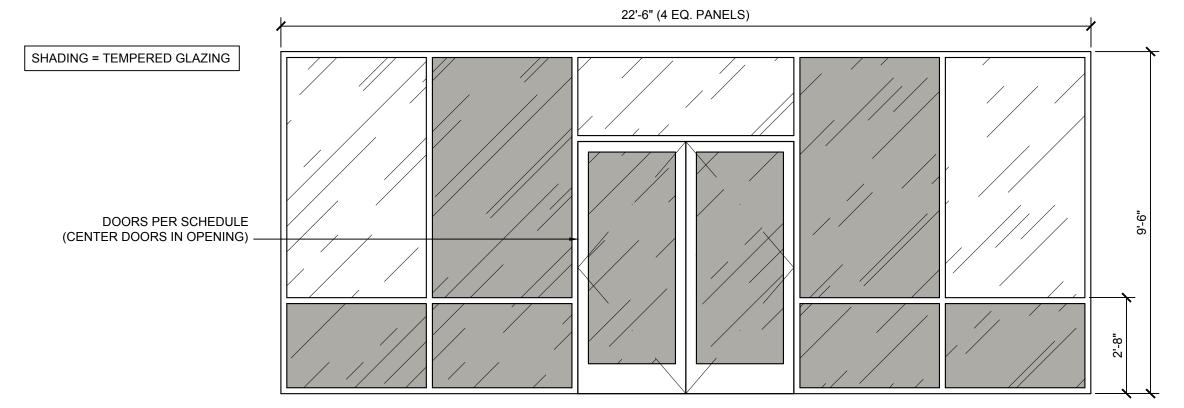
STOREFRONT WINDOW NOTES

- I. ALL STOREFRONT FRAMING SYSTEMS TO BE US ALUMINUM 450 SERIES, CENTER GLAZED, DARK BRONZE ANODIZED FINISH
- 2. ALL GLAZING TO BE I" INSULATED, LOW-E, CLEAR PPG COMMERCIAL, SOLARBAN 60 SERIES. U-VALUE = 0.29; SHGC = 0.38
- 3. (CBC, SECTION 2406 SAFETY GLAZING IS REQUIRED WHEN: A) WHERE THE NEAREST EDGE OF GLAZING IS WITHIN A 24" ARC OF EITHER SIDE OF A DOOR IN A CLOSED POSITION (UNLESS THERE IS AN INTERVENING WALL BETWEEN THE DOOR AND GLAZING OR IF THE GLAZING IS 5'-O" OR HIGHER ABOVE THE WALKING SURFACE.

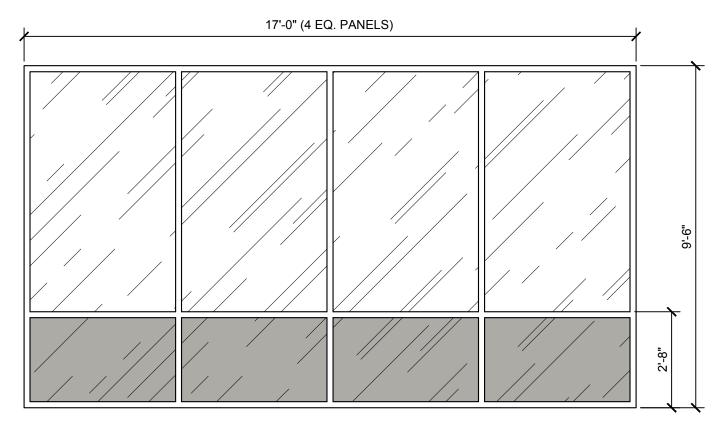
B) GLAZING SURFACE GREATER THAN 9 SQUARE FEET WITH THE EXPOSED BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR AND THE EXPOSED TOP EDGE GREATER THAN 36" ABOVE THE FLOOR (UNLESS THE GLAZING IS MORE THAN 36" HORIZONTALLY AWAY FROM THE WALKING SURFACES OR IF A COMPLYING PROTECTIVE BAR IS INSTALLED.

- 4. ALL NEW GLAZING (FENESTRATIONS) WILL BE INSTALLED WITH A CERTIFYING LABEL ATTACHED SHOWING THE U-VALUE.
- 5. THE MANUFACTURED WINDOWS SHALL HAVE A LABEL ATTACHED CERTIFIED BY THE NFRC \$ SHOWING COMPLIANCE WITH THE ENERGY CALCS.
- 6. G.C. TO VERIFY ALL STOREFRONT ROUGH OPENING DIMENSIONS

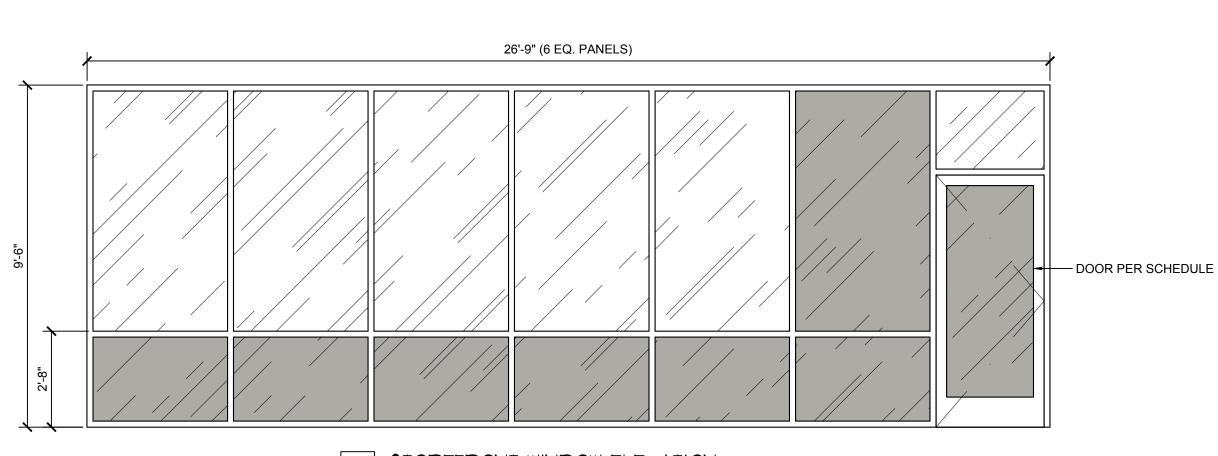
WINDOW SCHEDULE



MI STOREFRONT WINDOW ELEVATION



M2 STOREFRONT WINDOW ELEVATION

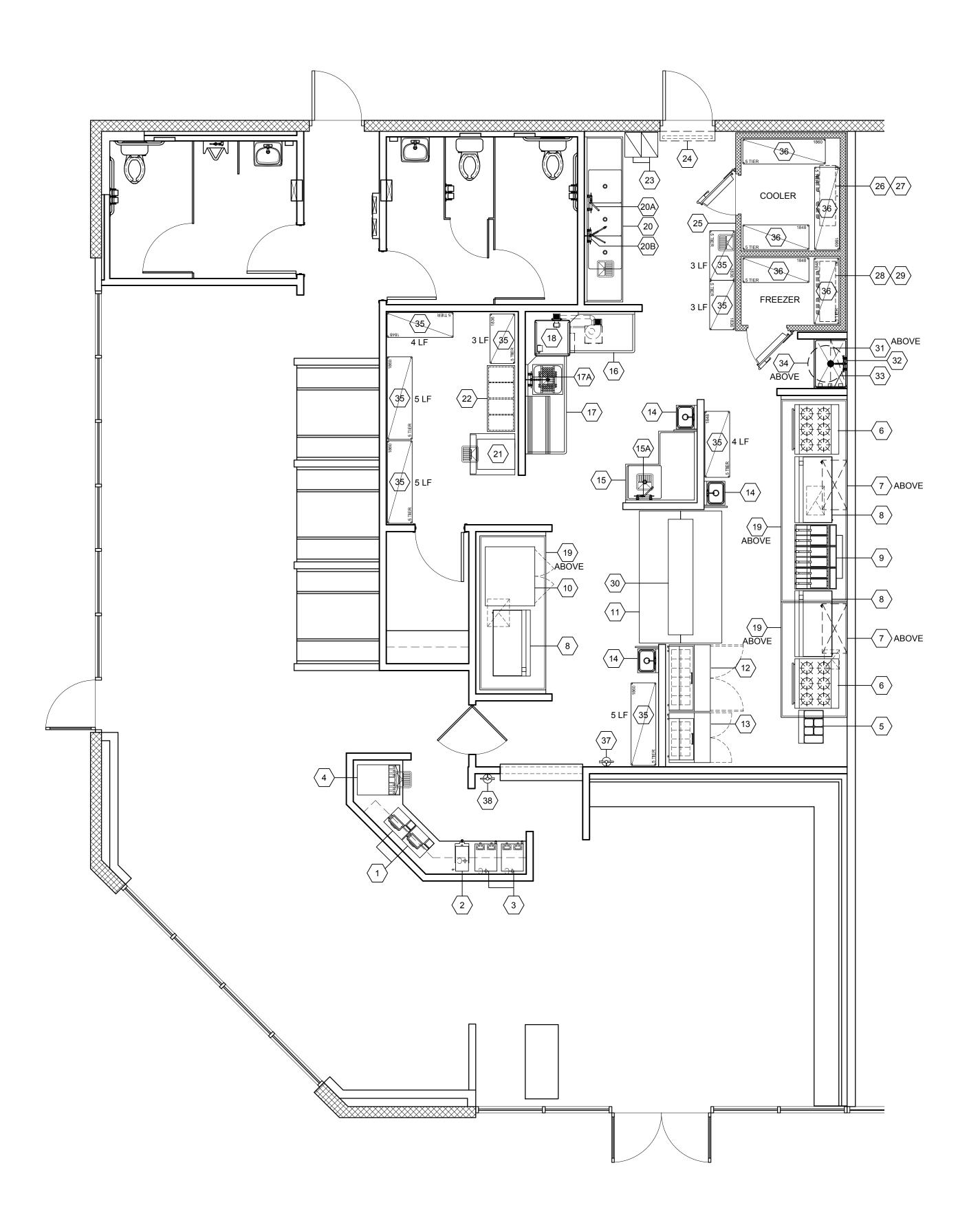


M3 STOREFRONT WINDOW ELEVATION

0

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						ELE	CTRICAL	_			PLUN	ИBING		
					LOAD					WATER	₹		BTU	
ГЕМ	QTY	DESCRIPTION	MAKE & MODEL	REMARKS	VOLT	H.P.	PHASE	AMP	CONN.	НОТ	COLD	WASTE	x1000	REMARKS
1	2	POINT OF SALE COMPUTER		BY OWNER	120		1		С					
2	1	ICE TEA BREWER	VENDOR	UL LISTED, NSF APPROVED	120		1	14	С		1/4			VERIFY POWER REQ'MNTS.
3	2	COFFEE BREWER	VENDOR	UL LISTED, NSF APPROVED	208		1	28	С		3/8			VERIFY POWER REQ'MNTS.
4	1	SODA DISPENSER - DROP IN W/ ICE BIN	VENDOR	NSF APPROVED, 6 VALVE - 80LB ICE BIN (EMPLOYEE USE ONLY - NOT SELF-SERVE)	120		1	1.5	С		3/8"	1/2"		DISP. DRAIN - INDIRECT 1" AI 2" TRAPPED FLOOR SINK
5	1	24" HOT FOOD TABLE	CUSTOM S/S	COMMON WATER BATH, CASTERS	208		1	14	С					VERIFY POWER REQ'MNTS.
6	2	36" GAS FIRED RANGE	IMPERIAL IHR-6	6 BURNERS, 1 OVEN CASTERS, NSF APPROVED									250	
7	2	36" GAS FIRED INFRA-RED SALAMANDER	IMPERIAL ISB-36	WALL MOUNTED, NSF APPROVED									40	
8	3	48" GAS FIRED GRIDDLE	IMPERIAL ITG-48	4" LEGS, COUNTERTOP UNIT, NSF APPROVED EQUIPMENT STAND									120	
9	3	GAS FIRED FRYER BATTERY	PITCO FRYOLATOR 1-SF-SG14R-S	40# - 50#, 10" LEGS, NSF APPROVED	115		1	8.7	С				122	
10	1	GAS FIRED ROTISSERIE OVEN	ROTISOL USA 950/2-SG STD	2 DOOR, STAINLESS STEEL W/ BLACK ENAMEL ETL LISTED, NSF APPROVED	208		1	1.5	С				28	
11	1	S/S WORK TABLE W/ OVERSHELF	CUSTOM S/S											
12	1	48" REFRIGERATED PREP TABLE	RANDELL 9303-7	NSF APPROVED 6" LEGS, FULL LENGTH CUTTING BOARD	120		1	5.5	С					SELF-CONTAINED
13	1	36" REFRIGERATED PREP TABLE	RANDELL 9801-7	NSF APPROVED 6" LEGS, FULL LENGTH CUTTING BOARD	120		1	5.5	С					SELF-CONTAINED
14	3	HAND SINK - WALL MOUNTED	ADVANCE TABCO 7-PS-69	PERMANENTLY MNTD. SOAP & P.T. DISPENSER NSF APPROVED						1/2	1/2	1 1/2"		
15	1	1 COMPARTMENT SINK	CUSTOM S/S	24" x 24" COMPARTMENT, 18" DRAINBOARD MEETS EHP-883								2"		INDIRECT DRAIN - 1" AIR G 2" TRAPPED FLOOR SINK
5A	1	SWING SPOUT FAUCET	T & S BRASS B-0220-LN	8" C/C, DECK MOUNT, 12" SWING SPOUT						1/2	1/2			2
16	1	48" CLEAN DISHTABLE	CUSTOM S/S	-										
17	1	72" SOILED DISHTABLE W/ PRE-RINSE SINK	CUSTOM S/S									2"		INDIRECT DRAIN - 1" AIR G 2" TRAPPED FLOOR SINK
7A	1	PRE-RINSE FAUCET	T & S BRASS B-0133-B	8" C/C WALL MOUNT BASE FAUCET W/ 44" FLEX HOSE, OVERHEAD SPRING, SPRAYER						1/2	1/2			1.42 GPM
18	1	DISHWASHER, AUTOMATIC DOOR TYPE W/ VAPORGUARD CONDENSATE REMOVAL	INSINGER COMMANDER 18-6VG	60 RACKS PER HOUR, 0.72 GPM PER RACK BOOSTER HTR., ETL LISTED, NSF APPROVED	208		3	45.5	D	1/2"		2"		INDIRECT DRAIN - 1" AIR G 2" TRAPPED FLOOR SINK
19	3	TYPE 1 EXHAUST HOOD		SEE MECHANICAL SHEETS										
20	1	3 COMPARTMENT SINK	CUSTOM S/S	24" x 24" COMPARTMENTS, 18" DRAINBOARDS MEETS EHP-883								2"		INDIRECT DRAIN - 1" AIR G 3" TRAPPED FLOOR SINK
20A	1	SWING SPOUT FAUCET	T & S BRASS B-0231-CC	8" C/C, WALL MOUNT, 12" SWING SPOUT						1/2	1/2			
20B	1	PRE-RINSE FAUCET	T & S BRASS B-0133-B	8" C/C WALL MOUNT BASE FAUCET W/ 44" FLEX HOSE, OVERHEAD SPRING, SPRAYER						1/2	1/2			1.42 GPM
21	1	ICE MAKER W/ STORAGE BIN	MANITOWAC ID-1002A / B-570 BIN	AIR COOLED - 1,020 LBS/DAY CAPACITY 6" ADJ. LEGS, NSF APPROVED, UL LISTED	208		1	13.5	D		3/8"	3/4"		INDIRECT DRAIN - 1" AIR G 2" TRAPPED FLOOR SINK
22	1	SODA SYRUP B.I.B. / CARBONATOR	VENDOR	SEE NOTE #6	120		1	5	С					VERIFY POWER REQ'MNTS
23	1	EMPLOYEE LOCKERS	WIN-HOLT EQUIPMENT WL-55	5 TIER, 1 COLUMN 10"x12"x12" 6" HIGH LEGS OR WALL MOUNTED										
24	1	AIR CURTAIN	MARS N36-1U	36" LONG, UNHEATED, 1/2 HP MOTOR DOOR ACTIVATED MICRO SWITCH	115		1	5.1	D					
25	1	WALK-IN COOLER / FREEZER	DURA-COLD	6'-6" x 12'-0" x 9'-0", SMOOTH FLOOR (FREEZER) INSUL. GALV. STL. PANELS, NSF APPROVED	120		1	1.5	D					VAPOR PROOF LIGHTS
26	1	EVAPORATOR	DURA-COLD	R404 SYSTEM, 6200 BTU AIR DEFROST	120		1	1.5	D					COND. INDIRECT DRAIN - 1" 2" TRAPPED FLOOR SINK
27	1	CONDENSING UNIT - REMOTE MOUNTED	DURA-COLD	R404 SYSTEM, HERMETIC	208	3/4	1	6.9	D					
28	1	EVAPORATOR	DURA-COLD	R404 SYSTEM, 4300 BTU AIR DEFROST	120		1	1.5	D					COND. INDIRECT DRAIN - 1" 2" TRAPPED FLOOR SINK
29	1	CONDENSING UNIT - REMOTE MOUNTED	DURA-COLD	R404 SYSTEM, HERMETIC	208	1	1	8.0	D					
30	_ 1	HEAT LAMP	HATCO CORP. GRAH-84D3	ROD TYPE, INFRARED, 4100 WATTS, UL LISTED UL LISTED, NSF APPROVED	208		1	19.7	D					
31	1	S/S CHEMICAL SHELF - WALL MOUNTED	ADVANCE TABCO WS-KD-36	ABOVE MOP SINK, 12" DEEP x 36" WIDE										
32	1	FLOOR MOUNTED MOP SINK W/ FAUCET		36" x 24" - BY PLUMBING CONTRACTOR						1/2	1/2	2"		SEE PLUMBING DRAWINGS
33	1	MOP RACK - WALL MOUNTED	ADVANCE TABCO K-242	ABOVE MOP SINK										SEE PLUMBING DRAWINGS
34	1	WATER HEATER		BY PLUMBING CONTRACTOR										SEE PLUMBING DRAWINGS
35	PLAN	S/S WIRE STORAGE SHELVING RACK	TITAN	74" POST - 18" DEEP SIZE PER PLAN - 5 TIERS										
36	PLAN	S/S WIRE STORAGE SHELVING RACK	TITAN	EPOXY COATED, 74" POST - 18" DEEP SIZE PER PLAN - 5 TIERS										
37	1	FIRE EXTINGUISHER		WALL MNTD., TYPE "K" VERIFY LOCATION										
38	1	FIRE EXTINGUISHER		WALL MNTD., TYPE "2A10BC" VERIFY LOCATION										

DRY STORAGE RACK CALCULATION

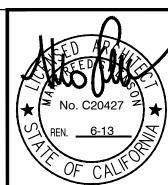
TOTAL STORAGE PROVIDED

3 RACKS @ 60" x 18" deep x 5 TIERS PER RACK = 15 2 RACKS @ 48" x 18" deep x 5 TIERS PER RACK = 8 3 RACKS @ 36" x 18" deep x 5 TIERS PER RACK = 9

32 L.F.

EQUIPMENT NOTES:

- 1. EACH HAND SINK IS TO HAVE A COMBINATION FAUCET CAPABLE OF SUPPLYING WARM WATER FOR MIN. OF 10 SECONDS - SINK IS TO BE SUPPLIED W/ HOT (MIN. 120F) & COLD RUNNING WATER UNDER PRESSURE AND MUST HAVE A WALL MOUNTED SINGLE SERVICE TOWEL AND SOAP DISPENSER.
- 2. IF A HANDSINK IS LOCATED ADJACENTLY TO A FOOD PREPARATION OR UTENSIL WASHING SINK, THEN A BARRIER IS REQUIRED TO PREVENT SPLASH-OVER FROM THE HANDSINK TO THE FOOD PREP/UTENSIL SINK. THE BARRIER IS TO BE THE LENGTH OF THE SINK, AT LEAST 12 INCHES IN HEIGHT AND HAVE A MINIMUM OF TWO INCHES CLEARANCE EACH SIDE OF THE BARRIER. THE BARRIER MUST BE CONSTRUCTED OF WATERPROOF MATERIAL, FIRMLY ATTACHED TO THE WALL OR OTHER APPROVED STRUCTURE.
- 3. UTENSIL SINK MUST BE PROVIDED W/ A MIXING VALVE CAPABLE OF REACHING EACH COMPARTMENT ALL UTENSIL SINK COMPARTMENTS TO BE MIN. OF 18" x 18" x 12" DEEP (OR 16" x 20" x 12" DEEP) WITH A MIN. 18" DRAINBOARD AT EACH END, HOWEVER, SINK MUST BE ABLE TO ACCOMODATED THE LARGEST UTENSIL TO BE WASHED. IF AGAINST A WALL, IT MUST HAVE AN 8" INTEGRAL BACKSPLASH.
- 4. SHELVES INSTALLED ON WALL ARE TO HAVE A MIN. 1" GAP OR OPEN SPACE BETWEEN THE BACK EDGE OF THE SHELF AND THE WALL SURFACE, OTHERWISE, THE BACK EDGE OF THE SHELF MUST BE SEALED TO THE WALL WITH AN APPROVED SEALANT.
- 5. THE JANITORIAL SINK SHALL BE A FLOOR MOUNTED PRE-FABRICATED MOLDED PLASTIC BASIN OR A CURBED FLOOR AREA PROPERLY SLOPED TO A DRAIN. CURBED AREA SURFACES NEED TO BE SMOOTH, IMPERVIOUS AND OF AN EASILY CLEANABLE CONSTRUCTION. ALL JANITORIAL SINKS ARE TO BE SUPPLIED W/ HOT AND COLD RUNNING WATER TO A MIXING TYPE FAUCET. THE FAUCET SPIGOT END IS TO HAVE A THREADED OUTER LIP FOR HOSE ATTACHMENT AND AN APPROVED BACK-FLOW PREVENTION DEVICE ATTACHED.
- BACKFLOW PROTECTOR. THE RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH A LEGAL AIR GAP.
- 7. A WASHABLE PARTITION AT LEAST SIX FEET HIGH, AS MEASURED FROM THE FLOOR SHALL BE INSTALLED BETWEEN THE JANITORIAL FACILITIES AND ANY ADJACENT FOOD OR UTENSIL RELATED EQUIPMENT.



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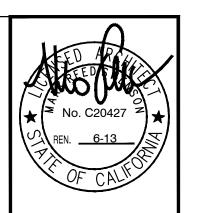
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DATE: 2/10/12

6. WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED REDUCED PRESSURE PRINCIPLE

FAI	N SCHEDULE												
EM	TYPE	MANUFACTURER	MODEL	AREA SERVED	CFM	HP	VOLTAGE	PHASE	FLA	RPM	E.S.P.	WEIGHT	REMARKS
F-1	UTILITY FAN SET	(UNKNOWN)		TYPE 1 HOOD #1	3600		115	1					EXISTING FAN TO REMAIN VERIFY CFM CAPACITY
F-2	UTILITY FAN SET	(UNKNOWN)		TYPE 1 HOOD #2	2800		115	1					EXISTING FAN TO REMAIN VERIFY CFM CAPACITY
F-3	UTILITY FAN SET	ACME	QBR137J	TYPE 1 HOOD #3	1750	1	115	1	16	1630	1.0	140#	UL762 LISTED, UPBLAST CONFIGURATION
F-4	DOWNBLAST EXHAUST	GREENHECK	GB-081	RESTROOMS	340	1/6	120	1	0.2	-	0.1	57#	ROOF CURB, BACK DRAFT DAMPER
/IA-1	MAKE-UP AIR	CHAMPION	5000DD	TYPE 1 HOODS	4000	3/4	115	1	13.8	427	0.4	270#	ELECTRICAL INTERLOCK W/ EF1, EF-2, EF-3
//A-2	MAKE-UP AIR	CHAMPION	5000DD	TYPE 1 HOODS	4000	3/4	115	1	13.8	427	0.4	270#	ELECTRICAL INTERLOCK W/ EF1, EF-2, EF-3

HV	HVAC SCHEDULE																	
ITEM	TYPE	MFR.	MODEL	ZONE	COOLING	SEN. COOLING	INPUT	HEAT OUT	SEER	EER	CFM	O.S.A. (CFM)	WEIGHT	VOLTAGE	PHASE	MCA	MOCP	REMARKS
RTU-1	PACKAGED GAS/ELECTRIC	CARRIER	48TCDA07G2D5-0B2A0	DINING	75.2	58.1	120.0	960		11.0	2400	632	777#	208	3	37.6	50	NEW 6 TON UNIT - ROOF CURB, SA SMOKE DETECTOR, CO2 SENSOR, ECONOMIZER,
																		COASTAL COIL COATING
RTU-2	PACKAGED GAS/ELECTRIC	ICP	PGC048H080F	вон	48.0	37.4	80.0	64.0	13.0	11.0	1600	137	705#	208	3	21.1	30	EXISTING 4 TON UNIT TO REMAIN





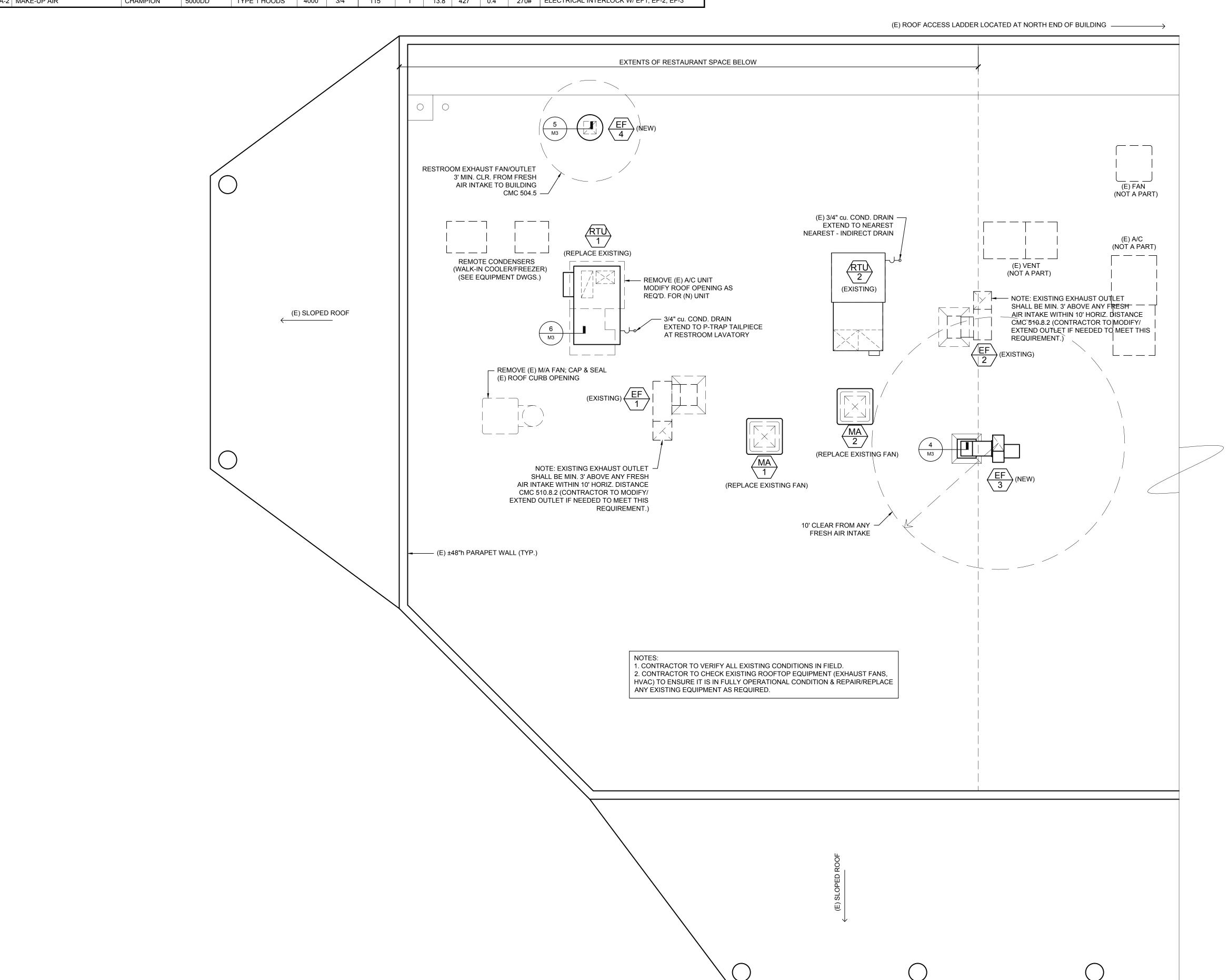
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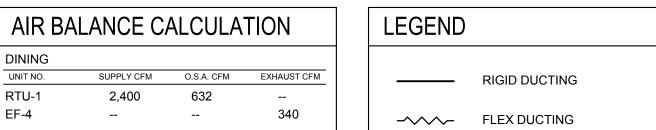
JOB NO. 2012-

SHERWIN WILLIAMS 290 YORBA LINDA BLVD. PLACENTIA, CA 92870

DATE: 2/6/12







SUPPLY CFM O.S.A. CFM EXHAUST CFM SUB-TOTAL 2,400 632 292 CFM POSITIVE

KITCHEN SUPPLY CFM O.S.A. CFM EXHAUST CFM RTU-2 1,600 MA-1 4,000 MA-2 4,000 3600 2800 EF-3 1750 SUB-TOTAL 1,600 8,137 8,150

13 CFM NEGATIVE CLIMANAADN

DINING

EF-4

SUMMARY			
AREA	SUPPLY CFM	O.S.A. CFM	EXHAUST CFM
DINING	2,400	632	340
KITCHEN	1,600	8,137	8150
SUB-TOTAL	4,000	8,769	8,490

279 CFM POSITIVE

RESTROOM EXHAUST CALCULATION										
WOMEN'S RR										
AREA	CEILING HEIGHT	EXHAUST RATE								
118 S.F.	8'-0"	12 AC/HR.								
EXHAUST CFM:	190									

MEN'S RR

AREA	CEILING HEIGHT	EXHAUST RATE
94 S.F.	8'-0"	12 AC/HR.
EXHAUST CFM:	150	

EXISTING 16GA WELDED EXHAUST DUCT UP TO (E) EXHAUST FAN (EF-1) W/ 1-HR. RATED DUCT WRAP (V.I.F.)

HOOD #1

TYPE 1 HOOD #3

(NEW)

(EXISTING)

500 CFM

DUCT CLEAN-OUT

TYPE 1 HOOD #2 (RELOCATED) MA 1

250 CFM

@ OFFSETS (TYP.) 2000 CFM

2000 CFM

12"Ø

- 24"x24" PERFORATED

RETURN AIR GRILLE

600 CFM

FOR MAKE-UP AIR

- (E) DUCT MOUNTED

SMOKE DETECTOR

SEE NOTE #5

150 CFM

24"x18" LOUVERED SUPPLY AIR DIFFUSER IN SOFFIT FACE @ 10'-0" A.F.F. (TYP. 3 PLCS.) _

2400 CFM

@ 13'-0" A.F.F. -

600 CFM

NEW 16GA WELDED EXHAUST

DUCT W/ 1-HR. RATED DUCT WRAP

- TIE INTO (E) EXHAUST DUCT THRU

ROOF FROM (E) EXHAUS FAN (EF-2)

1/4"/FT. DUCT SLOPE (MIN.) BACK TO

HOOD AT HORIZONTAL OFFSETS

(VERIFY DUCT SIZE IN FIELD)

]#2"Ø

48"x30" LOUVERED RETURN

AIR GRILLE IN SOFFIT FACE

RTU-1

NEW 11"x14"x16GA WELDED EXHAUST DUCT UP TO (N) EXHAUST FAN (EF-3) W/ 1-HR. RATED DUCT WRAP (INSTALL WRAP PER MFR. INSTRUCTIONS)

DUCTWRAP SPECIFICATION

MANUFACTURER: THERMAL CERAMICS TYPE: FIREMASTER 2x2 CLEARANCE TO COMBUSTIBLES: 0" FIRE RATING: 1 HOUR CODE APPROVAL: ICC-ESR 2212



CEILING MOUNTED SUPPLY AIR DIFFUSER



CEILING MOUNTED RETURN AIR GRILLE



DUCT MOUNTED ROUND SUPPLY AIR DIFFUSER

PROGRAMMABLE THERMOSTAT - 48" A.F.F.

DUCT MOUNTED SMOKE DETECTOR



EXHAUST GRILLE



MANUAL AIR DAMPER

T-STAT REMOTE SENSOR

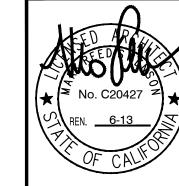
DUCT SUPPORT	TABLE ALTERNATE SUP	PORT FOR FACTORY MADE DUCT 2009 UMC - TABLE 6-1
CLASS 1 DUCT MATERIAL	MINIMUM SUPPORT MATERIAL	MAXIMUM SUPPORT SPACING
RIGID ROUND FIBEROUS	NO. 26GA x 5/8" WIDE GALV. IRON STRAP	6 FEET ON CENTER
CORRUGATED METAL	NO. 18GA GALV. IRON WIRE	6 FEET ON CENTER
FLEXIBLE	NO. 26GA x 1 1/2" WIDE	4 FEET ON CENTER

MECHANICAL NOTES:

- 1. ALL MECHANICAL EQUIPMENT WILL BE U.L. LISTED & LABELED BY AN APPROVED TESTING AGENCY.
- 2. ALL SUPPLY AIR DIFFUSERS TO BE PERFORATED 4-WAY ADJUSTABLE TITUS #PCS - WHITE U.O.N. - 24"x24" - TYPE 3 IN SUSPENDED CEILINGS & 16"x16" TYPE 1 IN GYPSUM BOARD CEILINGS

GALV. IRON STRAP

- 3. ALL RETURN AIR GRILLES IN SUSPENDED CEILING TO BE PERFORATED TITUS #PAR - WHITE U.O.N. - 24"x24" - TYPE 3 IN SUSPENDED CEILINGS & 16"x16" TYPE 1 IN GYPSUM BOARD CEILINGS
- 4. ALL DUCTS SHALL BE CONSTRUCTED, SEALED, INSULATED AND INSTALLED PER CMC CHAPTER 6,
- 5. AIR HANDLING SYSTEMS OF 2000 CFM OR MORE SHALL BE PROVIDED WITH DUCT DETECTION AND ACCESS TO THE APPLIANCES. PROVIDE TEST SWITCHES / LED INIDICATING LIGHT ON THE T-BAR CEILING NEXT TO THE DUCT SMOKE ASSEMBLY.
- 6. MECHANICALLY OPERATED VENTILATION SYSTEMS SHALL BE CAPABLE OF SUPPLYING A MINIMUM OF 15 CFM OF OUTSIDE AIR PER OCCUPANT IN ALL PORTIONS OF BUILDING.
- 7. ROUTING & TERMINATION OF FLUE FOR WATER HEATER SHALL COMPLY W. CHAPTER 5, CPC 2010
- 8. EXHAUST DUCTS SHALL BE EQUIPPED WITH BACK DRAFT DAMPERS.
- 9. EXHAUST AIR DUCT SHALL TERMINATE MIN. 3 FEET FROM ANY PROPERTLY LINE OR OPENINGS INTO BUILDING CMC 504.5
- 10. DOORS AND WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 116 E.E.S.
- 11. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTION 118, 123, 124 TITLE 24 ENERGY STANDARDS & TABLE 6-6A & 6-6B OF CMC.
- 12. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PER SECTION 112 AND 122 OF E.E.S.
- 13. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS PER SECTIONS 111, 113, 115, 120-129 OF E.E.S.
- 14. DUCTS SHALL BE SUSPENDED FROM ABOVE AT INTERVALS NO GREATER THAN 10' ON CENTER, PER SECTION 604.1 OF THE 2010 CMC.
- 15. FABRICATE AND INSTALL DUCTWORK IN ACCORDANCE WITH THE LATEST EDITION OF ASHRAE GUIDE, SMACNA MANUALS, AND CHAPTER 10 OF THE
- 16. PULL A MINIMUM OF EIGHT (8) WIRES BETWEEN THERMOSTAT AND UNIT TO ALLOW FOR FUTURE CHANGES. MOUNT THERMOSTAT ON WALL @ 48" AFF.
- 17. CONTRACTOR SHALL START UP THE SYSTEM AND OBTAIN THE SERVICES OF AN INDEPENDENT AIR BALANCE COMPANY TO BALANCE SYSTEM TO SHOWN
- 18. PROVIDE MANUAL DAMPERS AT ALL BRANCH TAKE-OFFS WITH CONCEALED CEILING REGULATORS. OPPOSED BLADE DAMPER AT DIFFUSER TO BE USED FOR FINE TUNING ONLY.
- 19. ALL WALL OR ROOF PENETRATIONS, FRAMING, CUTTING, PATCHING AND ROOFING BY THE GENERAL CONTRACTOR. MECHANICAL CONTRACTOR TO COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR.
- 20. CONTRACTOR TO VERIFY ALL EXISTING EQUIPMENT BEING USED IS IN GOOD WORKING CONDITION & MAKE ANY NECESSARY REPAIRS AND/OR ADJUSTMENTS.
- 21. ALL CONDENSATE AND GAS PIPING TO BE INSTALLED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH THE LATEST CODE REQUIRMENTS.
- 22. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 (2010 CMC SECTION 602.2).
- 23. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD & REPORT ANY DISCREPANCIES TO PROJECT MANAGER / ARCHITECT.

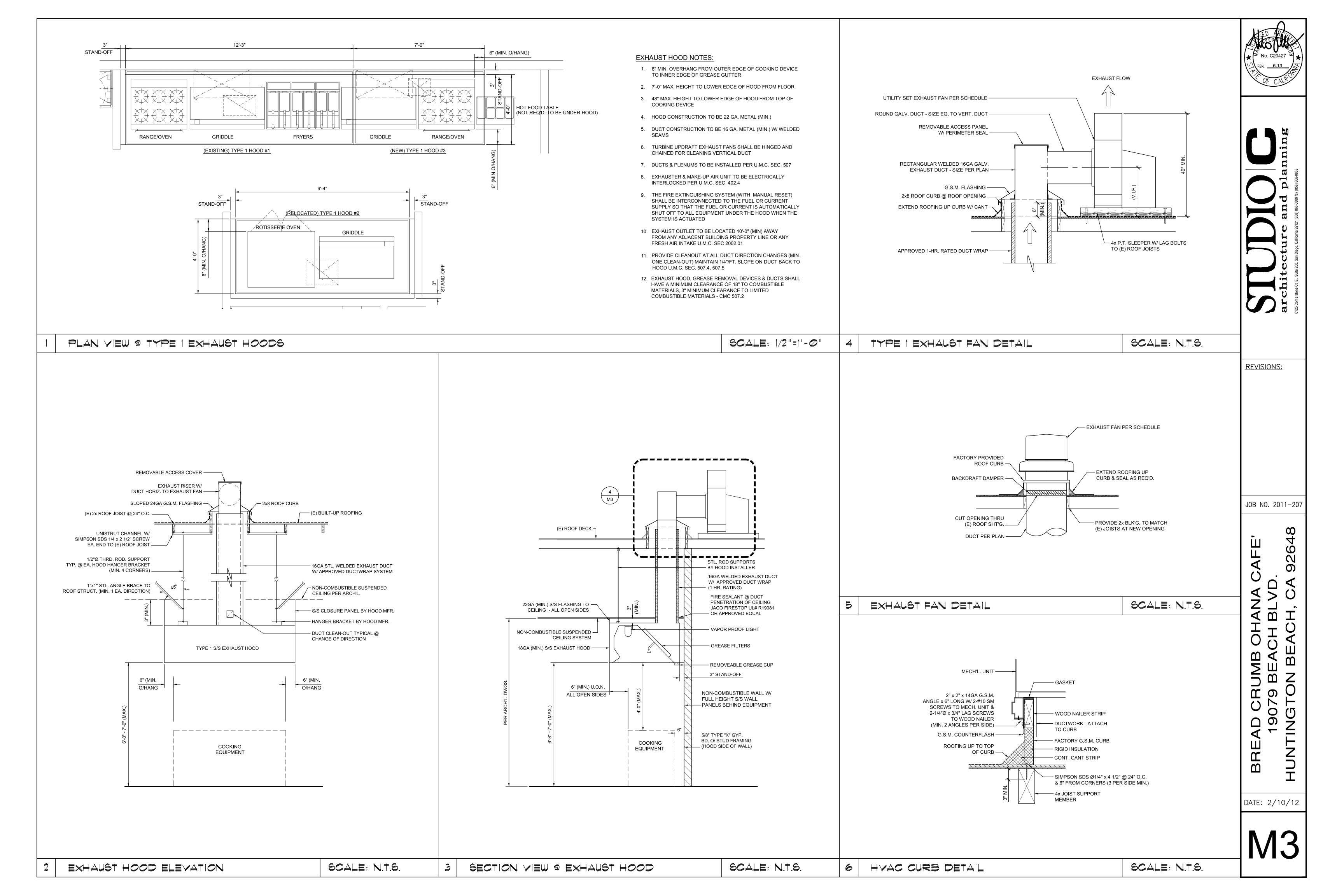


REVISIONS:

JOB NO. 2011-207

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Project Name		E CER	RTIFICAT	E OF	СОМ	PLIA	NCE		(Par	t 1 of 3) I	PERF Date
Bread Cru	ımb Ohana	a Cafe										2/3/2
	ach Blvd.		on Beach			imate Zon CA Clim		ne 06	Total C	ond. Floor Ai 2,663	rea Add	dition Floo <i>n/a</i>
GENERAL Building Ty	_INFORM <i>A</i> vpe:		Nonresidentia	al		High-F	ise Res	idential	_	Hotel/Me	otel Gue	st Roon
Phase of C	Construction		Relocatable - New Constru			specifi Additio	c climate n	zone		all clima Alteratio		
This certifi comply wit certificate	h Title 24, I applies only	npliance lis Parts 1 and y to a Build	ts the buildir d 6 of the Ca ding using th	alifornia C e perforn	Code of mance c	Regulat omplian	ions. Th	is bach.				
	nentation at ntation Au		by certifies t	nat the de	ocumen	itation is	accura	e and c	omplet Kumin		Digitally signed by Huan DN: cn=Huanming Cong email=sam@kramer-eng	sming Cong g, o=Kramer Engineeri
Name	Huanming		. •				Signatu	е	Dat	J	Date: 2012.02.03 15:15:3	gineering.com, c=US 88 -08'00'
Address		gineering Sei na Blvd., Suit							Pho	2/3/201		
City/State/Zip	San Diego,	CA 92117	certifies that							. ,		
	ı -	California I affirm th 5537.2 o contracto I affirm th because	document as a as a civil end nat I am eligib r 6737.3 to sig or performing nat I am eligib it pertains to ctions 5537, 5	gineer, me le under th gn this doo this work. le under D a structure	echanica he provis cument a Division 3 e or type	I engineesions of E as the pe B of the B	er, electri Division 3 rson resp usiness	cal enging of the Boonsible fand Profe	eer, or lusiness for its pr	am a licen and Profes eparation; Code to sig	sed archi ssions Coo and that I gn this doo	tect. de by se am a lic cument
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Company	Studio C A								Dat	2/8	· · –	
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	Mechanic		jner				_		11	XIII.	/	
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Address		erstone Ct E,	Suite 200						Lice		0427	
City/State/Zip	San Diego, Lighting D e								Pho	ne (858) 86	66-0889	
Name	Lighting D	esignei					Signatu	e				
Company	Lighting Co	mpliance No	ot In The Scope	Of This Su	ıbmittal				Dat			
Address City/State/Zip)								Pho	ense #		
		PLICANT	COMPLIANC	E & WOR	KSHEE	TS (chec	k box if	workshe	ets are	included)		
☑ ENV-1 ☐ LTG-1 ☐ LTG-2 ☐ LTG-3	C Certifica C Lighting C Indoor I	ate of Compli g Controls Cro Lighting Pow	iance. Required iance. Required edit Worksheet. er Allowance.	l on plans.	\ \ \ \	MECH-1 MECH-2 MECH-3 MECH-5	C Air C Me C Me	Water Sidechanical National I	de/Servic /entilatio Equipme		& Pool Re	equiremen
EnergyPro 5.	1 by EnergyS	oft Use	er Number: 519	96	RunCode	e: 2012-02	-03T15:1	3:31	ID: Bre	adCrumb1		Page
AND F	IELD IN		OMPLIAN		CHE	CKLI	ST		(Part	1 of 3)		ENV-
Project Nam Bread Ci	^{ne} rumb Ohai	na Cafe								_		Date 2/3/20
Project Add		Hunting	gton Beach		С	limate Zo	ne 6		Total C	2,663	Area Add	lition Floor
	INFORMA	TION							1			
Building T			Polocatab					sidential				
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	Construction					☐ Addi		-40 WILI		Alteration	1	
A	of Complian			nt		☑ Ove	all Enve	ope		Uncondit	ioned (file	affidavi
					1							
F	ntation: N, E	, S, W or in	FIELD I	90 deg	TION	FNFD	GV CL	IECKI	IST			

119 (SE) 0.102 R-13 176 (S) 0.102 R-13 140 (S) 0.082 None

1,311 (N) 0.730 None 1,311 (N) 0.051 R-19

85 (N) 0.051 R-19

85 (N) 0.730 None 263 (W) 0.082 None

20 (W) 0.700 None

See Instructions in the Nonresidential Compliance Manual, page 3-96.
 If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not meet compliance.

See Instructions in the Nonresidential Compliance Manual, page 3-96.
 If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.

 EnergyPro 5.1 by EnergySoft User Number: 5196 RunCode: 2012-02-03715:13:31 ID: BreadCrumb1 Page 7 of 40

Wall Wall Wall

Slab Roof

Roof

FENESTRATION SURFACE DETAILS

4.3.1-A3 Altered

4.3.1-A3 Altered

Wood 4.3.5-A10 Existing

U

PERFORMANCE	CEI	RTIFICAT	E OF COI	MPLIA	NCE	(Part 2	of 3)	PERF-1C
Project Name						,		Date
Bread Crumb Ohana C			- · · · ·					2/3/2012
ANNUAL TDV ENERGY				0				
Energy Component		tandard Design	Proposed Design	Compl Mar		_		
Space Heating		0.20	0.03		0.17	Heating		
Space Cooling		207.45	159.06		48.39	Cooling =		
Indoor Fans		136.41	166.75		-30.34	Fans =		
Heat Rejection		0.00	0.00		0.00	Heat Rej		
Pumps & Misc.		0.00	0.00		0.00	Pumps		
Domestic Hot Water		0.00	0.00		0.00	DHW		
Lighting		89.02	89.02		0.00	Lighting		
Receptacle		54.26	54.26	1	0.00	Receptacle		
Process		230.47	230.47		0.00	Process	_	
Process Lighting		0.00	0.00		0.00	Process Ltg		
TOTALS		717.80	699.58		18.22	I TOOCOO ENG		
		717.00	2.5 %			ding grands)		
Percent better than Stan	idard					ding process)		
		E	BUILDIN	G COI	ИPLII	ES		
GENERAL INFORMATI	ON							
1								٦
Building Orientation		(E) 90 deg		oned Floo			2,663	1 04
Number of Stories		1		litioned Fl			(1 24
Number of Systems		2		oned Foot	•		2,663	
Number of Zones		2	Natural	Gas Avai	lable On	Site	Yes	6
		Orientation	n Gross	Area		Glazing Area		Glazing Ratio
Front Elevation		(E)		894	sqft.	400	sqft.	44.7 %
Left Elevation		(S)		771	sqft.	288	sqft.	37.3 %
Rear Elevation		(W)		789	sqft.	0	sqft.	0.0 %
Right Elevation		(N)		0	sqft.	0	sqft.	0.0 %
	Total			2,454	sqft.	688	sqft.	28.0 %
Roof				2,663	sqft.	0	sqft.	0.0 %
			•	'				
	_		Standard		Prop	oosed	Prescr	ptive Values for
Prescriptive Lighting Pov		,		W/sqft.		1.271 W/sqft.		rison only. See
Prescriptive Envelope TI	DV En	ergy	108,063			87,550	LTG-10	C for allowed LPD.
Remarks:								
nemarks.								
EnergyPro 5.1 by EnergySoft	Hea	Number: 5196	PunCada	2012-02-03	2745-42-24	ID: BreadCrum	ıh1	Page 4 of 40

	CE CERTIFICAT	TE OF COMPLIAN	ICE	(F	art 3 o	of 3)	PER	F-1C
roject Name							Date	
Bread Crumb Ohan							2/3,	/2012
ONE INFORMATIO	ON							_
			Floor	Inst.	Ctrl.		ed LPD Tailored	Proc.
System Name	Zone Name	Occupancy Type	Area (sqft.)	LPD (W/sf) ¹	Credits (W/sf) ²	Area (W/sf) ³	(W/sf) ⁴	Loads (W/sf)
N) RTU-1	Customer Area	Dining Dining	1,752	*1.100	(***/51)	(**/51)	(**/51)	0.25
E) RTU-2	Service Area	Kitchen, Food Preparation	911	*1.600				9.970
Notes: 1. See LTG-1C		2. See LTG-2C 3. See LTG-3	C 4. Se	e LTG-4C	Itame ak	ove require	special docume	ntation
	sterisk, see LTG-1-C by others)	(by others)					.,	
				hecklist. Th				
EXCEPTIONAL COI The local enforcement a ustification and docume determines the adequac	y of the justifications, and	cation to be used with the peri may reject a building or desig	formance a					he
EXCEPTIONAL COI The local enforcement a ustification and docume determines the adequac special justification and	entation, and special verific by of the justifications, and documentation submitted	cation to be used with the perl may reject a building or desig	formance a					he
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Project A	Crumb Ohana Cafe					Climate Zo	ne		Total (Cond.	Floor A		Date 2/3/20 tion Floor	
	Beach Blvd. Hunting	ton Bea	ach								63	71001	n/a	7 11 00
GENER	AL INFORMATION							· ·						
Building	Type: ☑			<u> </u>							tel Guest	Room		
☐ Sch	nools (Public School)	Reloca Bldg.	itable	Public	School	☑ C	onditione	d Spaces			☐ Ur	ncondition	ed Spac	es
☐ Sky	light Area for Large Enclos		e ≥ 80	00 ft ² (I	f check	ed include	the ENV	-4C with s	submit	tal)				
Phase o	of Construction:	New C	onstru	ıction		☐ Add	ition			Alt	teration	1		
Approac	ch of Compliance:	Compo	onent			✓ Ove	rall Envel	ope		Ur	condit	ioned (file	affidavi	i)
Front O	rientation: N, E, S, W or in	Degrees:	9	90 deg										
		FIEL	D IN	SPEC	OIT	N ENER	GY CH	ECKLI	ST					
OPAQL	JE SURFACE DETAILS				INSU	LATION								
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring ³	Interior R- Value	Interior Furring ³		Joint Appendix 4	Condition Status	Pass	Fail ²
1	Wall	142	(S)	0.351	Non	пе				4.3.5	5-A10	Existing		
2	Wall	486	(W)	0.082	Non	е		13.0	Wood	4.3.5	5-A10	Existing		
3	Door	20	(W)	0.700	Non	ne				4.5.	1-A2	Existing		
4	Wall	26	(S)	0.102	R-1	3				4.3.	1-A3	New		
5	Slab	310	(N)	0.730	Non	е				4.4.7	7-A1	Existing		
6	Roof	310	(N)	0.051	1	19					2-A12	Existing		
7	Slab	46	· ′	0.730	1	_				4.4.7		Existing		
8	Roof	46	(N)	0.051		_					2-A12	Existing		
9 10	Wall	161 140	(E)	0.102	+			40.0	14//	4.3.		Altered		
	Wall structions in the Nonresidentia		. ,					13.0	Wood	4.3.0	5-A10	Existing		_
2. If Fail,	then describe on Page 2 of th	e Inspection	on Che	cklist Fo	rm and	take approp	riate actio	n to correc	t. A fail	does	not me	et complia	nce.	
FENES	STRATION SURFACE D	ETAILS	,											
Tag/II	Fenestration Type	ı		Area (ft²)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Overhang	Conditions Status	Pass	Fail ²
1	Window			230	(E)	0.290	COG	0.380	1	COG	Ø	Altered		
2	Window			170	(SE)	0.290	COG	0.380		COG		Altered		
3	Window			288	(S)	0.290	COG	0.380	1	COG		Altered		
														<u>-</u>
														-
													-	-
1. See Ir	structions in the Nonresidentia	al Complia	nce Ma	nual, pa	age 3-96	S.					_			_
	then describe on Page 2 of the						riate actior	to correct	Verify	build	ling pla	ns if necess	ary.	

CERTIFICATE OF COMPLIANCE

AND FIELD INSPECTION ENERGY CHECKLIST

ALS THE
★ No. C20427 ★ No. C20427 ★ REN. 6-13
OF CALFOR



REVISIONS:

MECH-1C

Total Cond. Floor Area Addition Floor Area

2,663 n/a

JOB NO. 2011-207

9264 O CRUMB OHANA 3079 BEACH BLV IGTON BEACH, C

□ Schools (Public School) □ Relocatable Public School Bldg. □ Conditioned Spaces □ Unconditioned Spaces (affidavit) Overall Envelope TDV Unconditioned (file affidavit) Approach of Compliance:

Component Front Orientation: N, E, S, W or in Degrees: 90 deg

HVAC SYSTEM DETAILS FIELD INSPECTION ENERGY CHECKLIST Meets Criteria or Requirements Pass Fail – Describe Reason² Packaged DX 96,000 Btu/hr Max Allowed Heating Capacity¹ 80% AFUE 75,200 Btu/hr Max Allowed Cooling Capacity¹ 11.0 EER Attic, Ceiling Ins, vented / 8.0 Fixed Temp (Integrated) Setback Required Constant Volume FIELD INSPECTION ENERGY CHECKLIST Inspection Criteria Pass Fail – Describe Reason (E) RTU-2 Packaged DX 64,000 Btu/hr 80% AFUE 48,000 Btu/hr 12.0 SEER / 10.0 EER Attic, Ceiling Ins, vented / 8.0 No Economizer Setback Required Constant Volume

(Part 1 of 4)

Duct Location/ R-Value
When duct testing is required, submit
MECH-4A & MECH-4-HERS Economizer Thermostat Equipment²
Item or System Tags
(i.e. AC-1, RTU-1, HP-1) Equipment Type³: Number of Systems Max Allowed Heating Capacity¹ Minimum Heating Efficiency¹ Max Allowed Cooling Capacity¹ Cooling Efficiency¹ Duct Location/ R-Value When duct testing is required, submit MECH-4A & MECH-4-HERS Thermostat Fan Control If the Actual installed equipment performance efficiency and capacity is less than the Proposed (from the energy compliance submittal or from the building plans) the responsible party shall resubmit energy compliance to include the new changes. 2. For additional detailed discrepancy use Page 2 of the Inspection Checklist Form. Compliance fails if a Fail box is checked. 3. Indicate Equipment Type: Gas (Pkg or, Split), VAV, HP (Pkg or split), Hydronic, PTAC, or other. EnergyPro 5.1 by EnergySoft User Number: 5196 RunCode: 2012-02-03T15:13:31 ID: BreadCrumb1 Page 11 of 40

CERTIFICATE OF COMPLIANCE and

19079 Beach Blvd. Huntington Beach

Equipment²
Item or System Tags
(i.e. AC-1, RTU-1, HP-1)

Number of Systems

Cooling Efficiency¹

Minimum Heating Efficiency¹

Equipment Type³:

FIELD INSPECTION ENERGY CHECKLIST

ENV-1C

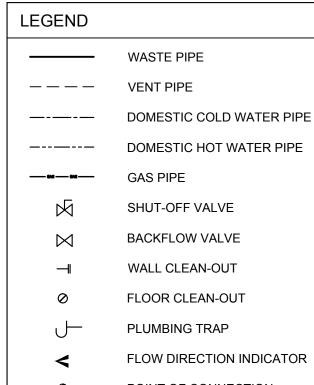
(Part 3 of 3)

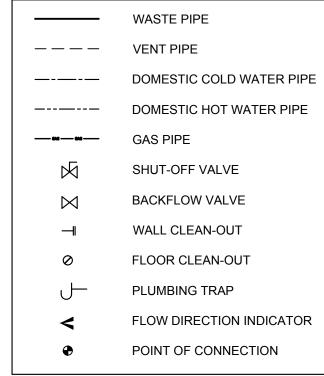
Project N	FIELD INSPECT	ION E	.146	1101	OHE	OKLI	<u> </u>					Date	
Bread	Crumb Ohana Cafe											2/3/20	
Project A 19079	^{ddress} Beach Blvd. Hunting	gton Bea	ch		С	limate Zo	ne 6		Total (Cond. Floor <i>i</i> 2,663	Area Add	ition Flooi <i>n/a</i>	r Are
GENER	AL INFORMATION										•		
Building	•	Pologo		ial Public S			n-Rise Re				tel Guest		
	lools (Public School)	Bldg.					onditioned				ncondition	ned Spac	es
	of Construction:					□ Add		-40 With			n		
		l Compo		2011011			rall Envel	ope			tioned (file	affidavi	t)
	rientation: N, E, S, W or in			90 deg						011001101			•,
	, , , , , , , , , , , , , , , , , , , ,		_		TION	ENER	GY CH	ECKL	ST				
OPAQU	E SURFACE DETAILS				INSUL		<u> </u>		<u> </u>				
		Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring ³	Interior R- Value	Interior Furring ³	Joint Appendix 4	Condition Status	Pass	Fail ²
Tag/ID	Assembly Type	-				ш>	ш ш	=>	11				\vdash
21	Slab	911	(N)	0.730						4.4.7-A1	Existing		
22	Roof	911	(N)	0.051	R-19					4.2.2-A12	Existing		-
													С
													С
													С
	then describe on Page 2 of the TRATION SURFACE I		Τ		Orientation N, E, S, W	Max U-Factor		Max (R)SHGC		Đ.	Conditions		
Tag/I	Fenestration Type	1		Area	Orie R, E	Max U-F	U-Facto Source	Max (R)S	SHGC	Sou	Con	Pass	Fail ²
			-						-				
			\vdash		_				+				
					_				+				
									+				
			+										С
													_
1. See In 2. If Fail if	structions in the Nonresidenti	al Complia	nce Ma	anual, pa	ge 3-96.	ke approp	riate action	to correct	. Verify		ns if neces		

/\ \\\ \				IANC			(Pa	art 2 of 3)		ENV	-1C
Project Name	INS	PEC	HON	ENEK	GY CHECKLIST					Date	
Bread Crumb C)hana (Cafe								2/3/2	012
ROOFING PR			OL RO	OFS)						2/0/2	0,2
	g produc				is compliance approach ca	annot be us	sed). C	Go to Overall E	nvelope	Approac	h or
		BELOW	IF EXEM	PT FROM	THE ROOFING PRODUCT "	COOL ROO	F" REC	QUIREMENTS:	Pass	Fail ¹	N/A
■ Roofing compli	ance <u>not</u>	required	in Climate	Zones 1	and16 with a Low-Sloped. 2:	12 pitch or le	ess.				
					ith a Steep-Sloped with less t				. 🗆		
					nd 5 are exempted, solar refle ue Surface Details roof asser						
Low-sloped Me	etal buildir	ng roofs	in Climate	Zone 3 an	d 5 are exempted, solar relec	tance and th	nermal e	emittance or SR			
The roof area of					Surface Details roof assembly Itaic panels and building integ						+
exempted. Sol	lar reflect	ance and	thermal e	emittance o	or SRI, see spreadsheet calcu	ılator at <u>www</u>	v.energ	v.ca.gov/title24/			
the Cool Roof			rmai mass	over the r	oof membrane with a weight	of at least 25	b lb/ft-ai	re exempt from			
High-rise residence exempted from					with low-sloped roofs in Clima	te Zones 1	through	9, 12 and 16 ar	e 🗖		
					klist Form and take appropria	te action to	correct.	Verify building	plans if ne	cessarv.	
CRRC Product ID		Slope		Weight	Product	Aged So	lar	Thermal	•		
Number ¹	≤ 2:12	> 2:12	< 5lb/ft ²	≥ 5lb/ft ²	Type ²	Reflectan	ice ³	Emmitance	SRI⁵	Pass	Fail
						□ ⁴					
						□ ⁴					
						□ ⁴					
						□ ⁴					
				Cool Roof	Rating Council's Rated Prod			se the Initial Re	flectance	alue from	the
3. If the Aged Reflection 3. If the Aged Reflection 3. Roof Rating Council 4. Check box if the A 5. The SRI value nevention 6. If Fail then describ	ctance is a use the e l's Rated I Aged Refl eds to be be on this	not availa equation Product lectance calculat page of	able in the (0.2+0.7(p (0.2+0.7(p Directory. is a calcul ed from a the Inspe	o _{initial} – 0.2) ated value spreadshe ction Chec	Rating Council's Rated Prod to obtain a calculated aged v using the equation above, et calculator at http://www.enklistForm.and.take.appropria	uct Directory alue. Where ergy.ca.gov/ te action to	y then u e p is th title24/ correct.	e Initial Solar Re Verify building	eflectance plans if ne	from the cessary.	Cool
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Bread Crumb Ohana Cafe			Date 2/3/2012
Required Acceptance Tests			2,0,2012
Designer:			
This form is to be used by the designer and attac	ched to the plans.	Listed below is the a	cceptance test for Envelope
Fenestrations system. The designer is required t	o check the accept	tance tests and list a	II the fenestration products that
require an acceptance test. If all the site-built fe			
products and the number of systems. The NA7 is Manual describes the test. Since this form will be			
party to budget for the scope of work appropriate		completion of this se	schort will allow the responsible
	,		
Enforcement Agency:			
Systems Acceptance. Before Occupancy Perm fenestration is installed in the building or space s	it is granted for a n	ewly constructed bu	ilding or space or whenever new
The ENV-2A form is not considered a complete t	form and is not to b	needing the Accept se accepted by the e	nforcement agency unless the
boxes are checked and/or filled and signed. In a	addition, a Certificat	te of Acceptance for	ms shall be submitted to the
enforcement agency that certifies plans, specific	cations, installation	certificates, and ope	erating and maintenance
information meet the requirements of §10-103(b)			
out and signed forms before the building can rec fenestration product line must be provided to the			IV-2A for each different
reflestration product line must be provided to the	owner or the build	ing for their records.	
Test Description		ENV-2A	Test Performed By:
Fenestration Products Name or ID	Area of like	Building Envelope	•
Requiring Testing or Verification	Products	Acceptance Test	
PPG SOLARBAN 60 (2) Clear	688	✓	

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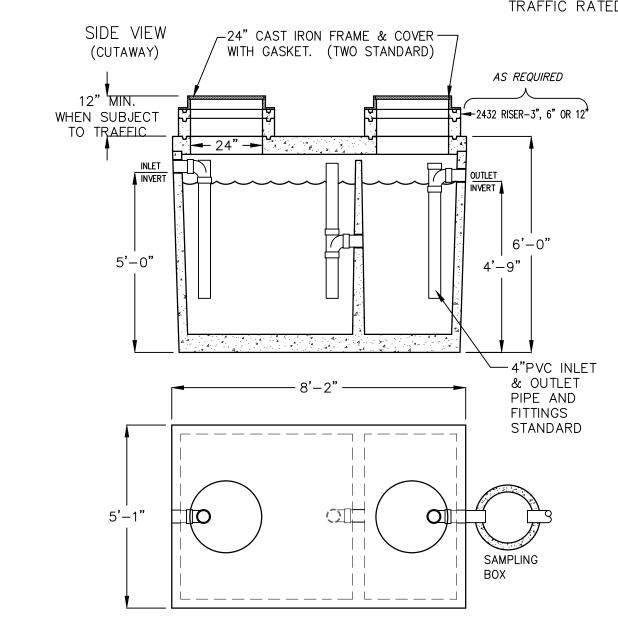


GREASE INTERC	CEPTOR SIZING CALCULATION	2010 CPC - TABLE 10-3
DFU'S	<u>INTE</u>	ERCEPTOR VOLUME
35 ————————————————————————————————————		- 500 GALLONS - 750 GALLONS - 1,000 GALLONS - 1,250 GALLONS - 1,500 GALLONS - 2,000 GALLONS
GREASE W	/ASTE DRAINAGE FIX	TURE UNITS
QTY. FIXTURES	DRAINAGE FIXTURE UI	NIT (DFU) TOTAL
3 HAND SINK	2	6

<u> </u>		DIV IIIV COL I IXTOIL	011110
QTY.	<u>FIXTURES</u>	DRAINAGE FIXTURE UNIT (DFU)	TOTAL
3	HAND SINK	2	6
1	MOP SINK	3	3
3	FLOOR SINK	1	3
5	FLOOR DRAIN	1	5
1	3 COMP. SINK	4	4
1	1 COMP. SINK	3	3
1	DISHWASHER	2	2
1	PRE-RINSE SINK	3	3
			<u>TOTAL</u> 29
l			

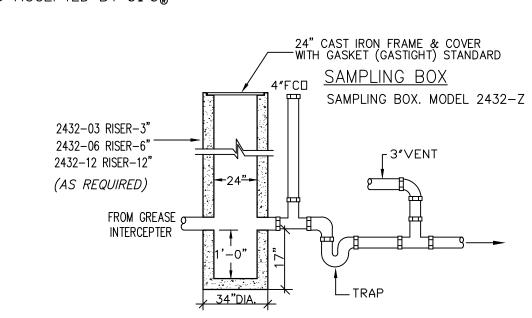
1000 GALLON **GREASE INTERCEPTOR**

MODEL JP1000G TRAFFIC RATED ACCEPTED BY UPC®



TOP VIEW MINIMUM EXCAVATION SIZE: 6'-1" X 9'-2" X DEPTH REQ'D. (COVERS & RISERS REMOVED)

- LIQUID CAPACITY: 1,000 GALLONS.
- TANK DESIGNED FOR H-20 TRAFFIC WHEEL LOAD WITH DRY SOIL CONDITIONS (WATER TABLE BELOW TANK) EARTH COVER OVER TANK NOT TO EXCEED 6 FT.
- SUITABLE NATIVE OR SUB-BASE SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS. THE EXCAVATION SHALL BE BEDDED WITH SUITABLE GRANULAR MATERIAL AND SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY, OR TO REQUIREMENTS OF THE PROJECT GEOTECHNICAL ENGINEER.
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.



PRECAST CONCRETE GREASE INTERCEPTOR "JENSEN PRECAST" MODEL JP750EE-G WITH TWO MANHOLE EXTENDED TO GRADE. AND SAMPLING BOX.

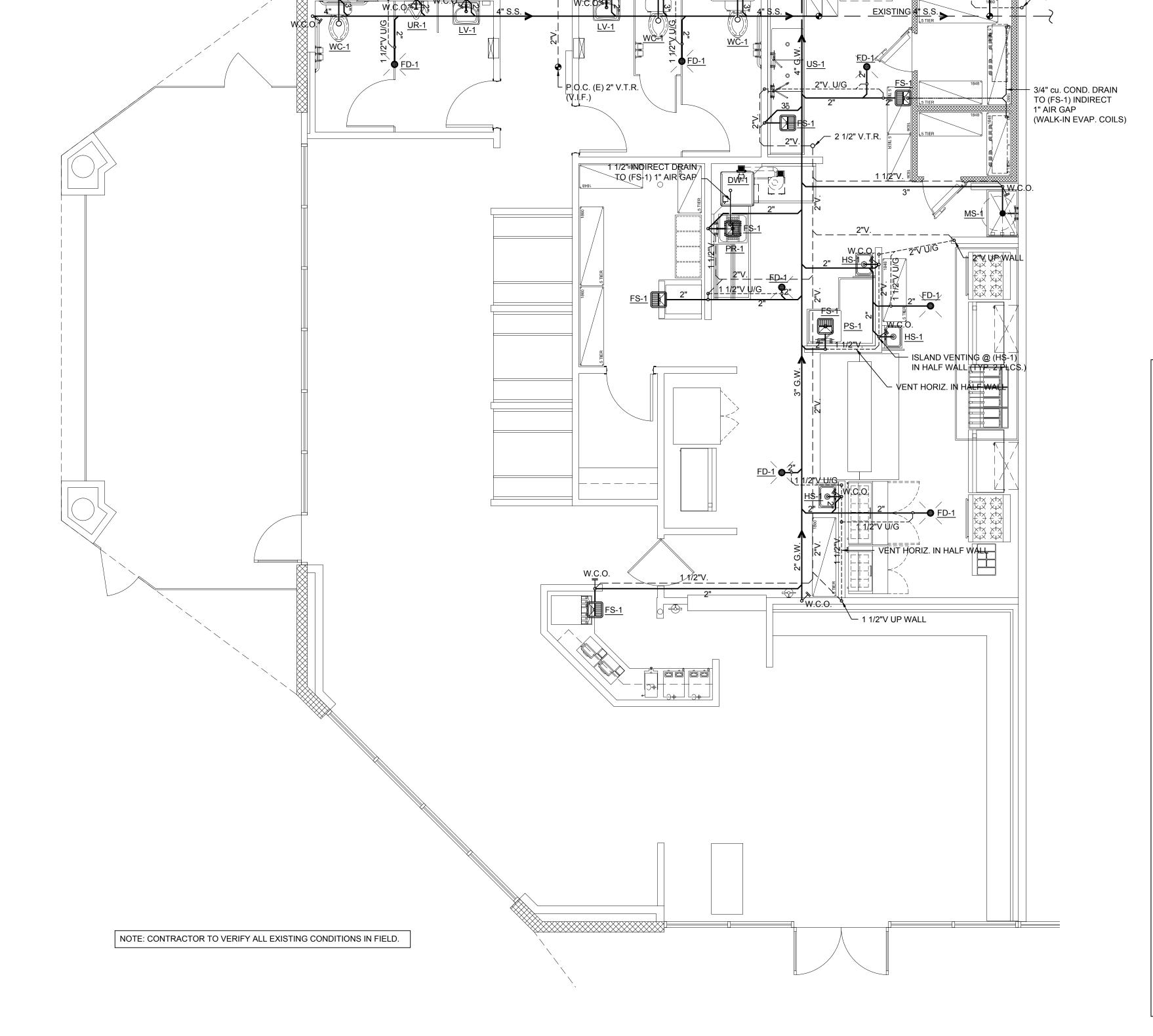
GREASE INTERCEPTER SHALL BE CONSTRUCTED AS PER ORANGE COUNTY STANDARD DRAWINGS. MODIFY AS REQUIRED

CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING AND INSTALLATION.

REFER TO APPLICABLE JENSEN PRECAST STANDARD DRAWINGS FOR CONSTRUCTION.

DATE: 2/10/12

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← (E) ASPHALT PARKING AREA →

(E) CONC. CURB & SIDEWALK

1,000 GALLON GREASE INTERCEPTOR

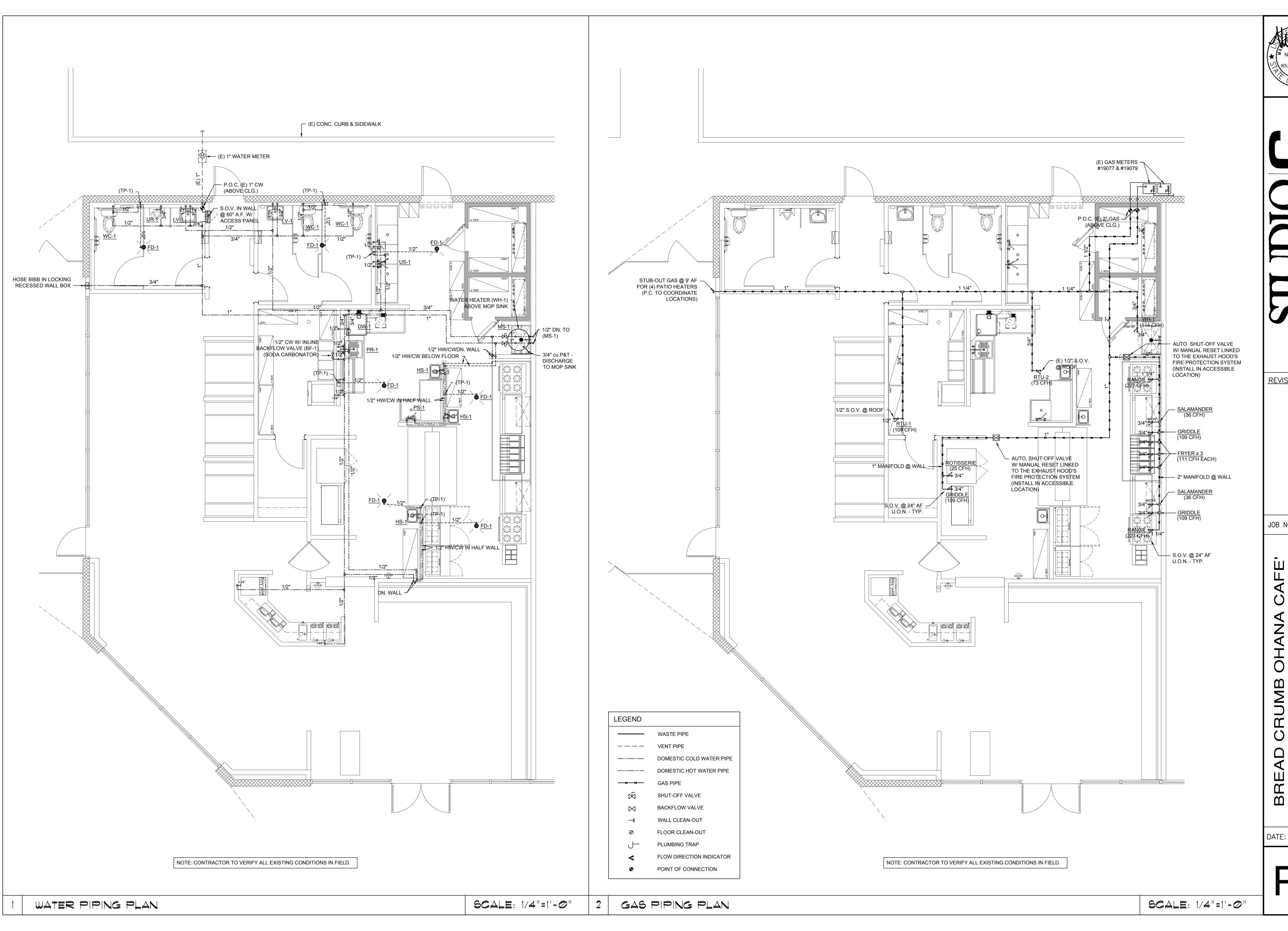
(BELOW GRADE IN PARKING LOT)

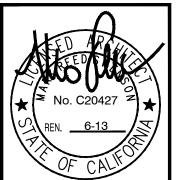
<u>REVISIONS:</u>

JOB NO. 2011-207

WASTE / YENT PIPING PLAN

SCALE: 1/4"=1"-0"





<u>REVISIONS:</u>

JOB NO. 2011-207

0

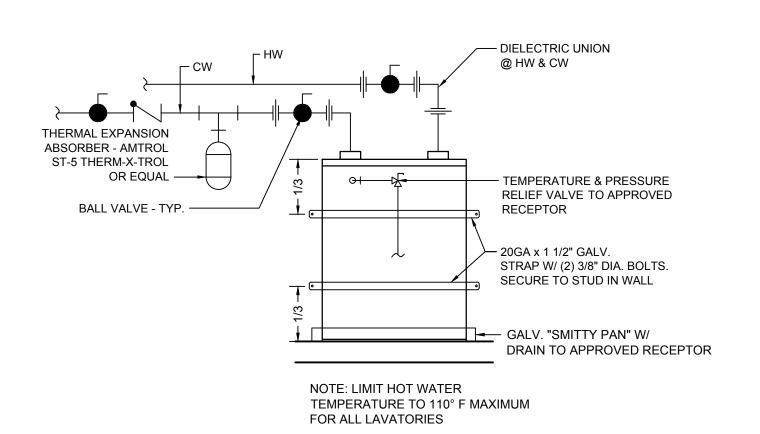
GAS CALCULATIONS					PIPE SIZING CHART 0.50 in WC LOSS / 0.60 SG
DESCRIPTION	QTY.	QTY. BTUH CFH TOTAL		TOTAL CFH	50' DEVELOPED LENGTH
COOKING EQUIPMENT					PIPE MAX. CFH
RANGE	2	250,000	227	454	
GRIDDLE	3	120,000	109	327	1/2" 72
SALAMANDER	2	40,000	36	72	3/4" 151
FRYER	3	122,000	111	333	1" 284
ROTISSERIE	1	28,000	25	25	1 204
(SUB-TOTAL)				(1,211)	1-1/4" 583
HEATING EQUIPMENT					1-1/2" 873
RTU-1	1	120,000	109	109	2" 1680
RTU-2	1	80,000	73	159	
WATER HEATER	1	125,000	114	114	
PATIO HEATERS	4	40,000	36	144	70' DEVELOPED LENGTH
(SUB-TOTAL)				(526)	PIPE MAX. CFH
TOTAL GAS DEMAND	•	1		1,737	1/2" 60
					3/4" 126
EXISTING GAS METER #19077: 2" SYSTEM DEVELOPED LENGHT: 50'					1" 237
(COOKING EQUIPMENT)					1-1/4" 486
EXISTING GAS METER #19079: 2"					1-1/2" 728
SYSTEM DEVELOPED LENGHT: 70' (HEATING EQUIPMENT)					2" 1400
,					

PIPE SIZING TABLE WATER METER ADRESS: 19079 BEACH BLVD. EXISTING METER SIZE: 1" EXISTING BUILDING SUPPLY SIZE: 1" SYSTEM LENGTH: 80' PRESSURE AVAILABLE AT METER: 55 PSI MIN. HEAD LOSS: (16' x .43) 6.88 AVAILABE PRESSURE: 48.12 PSI SIZING PER 2010 CPC, TABLE 6-6 PIPE SIZE FIXTURE UNITS MAXIMUM SYSTEM LENGTH

1/2" 3/4"

WATER FIXTURE UNIT SCHEDULE									
QTY.	<u>FIXTURES</u>	WATER FIXTURE UNIT (WFU)	TOTAL						
(RESTI	ROOMS)								
3	WATER CLOSET	2.5	7.5						
1	URINAL	4.0	4.0						
2	LAVATORY	1.0	2.0						
			WFU TO						
(KITCH	IENI)		13.5						
(KIICH	IEIN)								
3	HAND SINK	1.0	3.0						
1	3 COMP. SINK	3.0	3.0						
2	1 COMP. SINK	2.0	4.0						
1	MOP SINK	3.0	3.0						
1	ICE MACHINE	1.0	1.0						
1	PRE-RINSE SINK	2.0	2.0						
1	DISHWASHER	2.0	2.0						
2	COFFEE	0.5	1.0						
1	HOSE BIBB	2.5	2.5						

QTY.		<u>GPH</u>	040 51555
2	LAVATORY (LV-1)	10	GAS FIRED
3	HAND SINK (HS-1)	15	163 x 60°F x 8.33 0.75
1	3 COMP. SINK (US-1)	42	108,623 BTU (MIN.)
1	PRE-RINSE SINK (PR-1)	42	100,023 B 10 (WIIIN.)
2	1 COMP. SINK (PS-1)	10	
1	MOP SINK (MS-1)	15	
1	DISHWASHER (DW-1)	29	
		TOTAL	
		<u>TOTAL</u> 163	





MARK	QTY.	DESCRIPTION	MANUFACTURER	REMARKS				
WC-1	3	WATER CLOSET	AM. STD. CADET #2467.016 FLUSH TANK (ADA COMPLIANT) W/ OLSONITE #95 SEAT	PRESSURE ASSIT, LOW FLOW 1.6 GPF - 17" RIM HT. FLOOR MOUNTED				
LV-1	2	LAVATORY	AM. STD. #0355.012 WALL HUNG (ADA COMPLIANT) W/ SYMMONS S-60-G-H FAUCET	2.2 GPM - MAX. SELF-METERING FAUCET FAUCET TO REMAIN OPEN FOR 10-15 SECONDS				
UR-1	1	URINAL	AM. STD. "ALLBROOK" #6550.005, FLO-WISE 0.5 W/ SLOAN ROYAL 186-0.5 FLUSH VALVE	HIGH EFFICIENCY 0.5 GPF, WALL MOUNTED (ADA COMPLIANT)				
MS-1	1	MOP SINK	MOP SINK FLORESTONE MSR-3624 FAUCET - FISHER #8253, INTEGRAL VA					
US-1	1	3 COMP. SINK	SEE FOOD SERVICE DRAWINGS	IN-DIRECT DRAIN - 1" AIR GAP				
PS-1	1	1 COMP. SINK	SEE FOOD SERVICE DRAWINGS	IN-DIRECT DRAIN - 1" AIR GAP				
PR-1	1	PRE-RINSE SINK	SEE FOOD SERVICE DRAWINGS	IN-DIRECT DRAIN - 1" AIR GAP				
DW-1	1	DISHWASHER	SEE FOOD SERVICE DRAWINGS	IN-DIRECT DRAIN - 1" AIR GAP				
HS-1	3	HAND SINK	SEE FOOD SERVICE DRAWINGS	FAUCET TO BE 2.2 GPM - MAX.				
FS-1	6	FLOOR SINK	ZURN Z-1900	12" x 12"				
FD-1	7	FLOOR DRAIN	ZURN Z-415S	1/2" TRAP PRIMER				
TP-1	PLAN	TRAP PRIMER	PRECISION PLUMBING PRODUCTS, INC. TRAP PRIMER VALVE # P-2 WITH ELMDOR ACCESS DOOR.	STAINLESS STEEL COVER				
F.C.O.	PLAN	FLOOR CLEAN-OUT	ZURN ZN-1404-T	SQUARE TOP				
N.C.O.	PLAN	WALL CLEAN-OUT	ZURN Z-1441	STAINLESS STEEL COVER				

'	WATER HEATER SCHEDULE										
M	ARK	TYPE	MANUFACTURER	MODEL	STORAGE	INPUT	RECOVERY RATE	REMARKS			
W	H-1	GAS	RHEEM	G75-125	75 GAL.	125K BTUH	202 GPH @ 60°F	PROVIDE "SMITTY PAN" & EXPANSION TANK SIZED PER MANUFACTURER			

GENERAL PLUMBING NOTES:

- 1. ALL PLUMBING CLEAN-OUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEAN-OUT LOCATIONS WITH EQUIPMENT CABINETS, ETC. AND THE DESIGNER PRIOR TO ANY INSTALLATION.
- 2. ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITY. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT.
 - A. CALIFORNIA BUILDING CODE B. CALIFORNIA MECHANICAL CODE
 - C. CALIFORNIA PLUMBING CODE D. NATIONAL ELECTRICAL CODE
- E. CALIFORNIA ADMINISTRATIVE CODE
- F. TITLE 24
- 3. ALL PLUMBING FIXTURE VENTS TO TERMINATE A MIN. OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKES.
- 4. ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- 5. ALL HOT WATER AND/OR CONDENSATE PIPING IN ATTIC SPACES SHALL BE INSULATED WITH "MANVILLE MICRO-LOCK 850 APT" 1" THICK FOR SIZES UP TO 2" 1 1/2" THICK FOR SIZES 2 1/2" AND LARGER. MIN. THERMAL RESISTANCE SHALL BE R4.0 TO R4.6 PER INCH.
- 6. ALL EQUIPMENT SHALL BE LATERALLY SUPPORTED IN ALL DIRECTIONS TO RESIST A MIN. OF 20% OF THE EQUIPMENT OPERATING WEIGHT.
- 7. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE
- AND PRIOR TO EQUIPMENT CONNECTIONS. 8. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE U.O.N. ON DRAWINGS.
- 9. WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED AND LISTED RP BACK FLOW PREVENTER AS PROTECTION OF WATER CONNECTION TO CARBONATOR.
- THIS RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH LEGAL AIR GAP. 10. EXPANSION TANK WILL BE PROVIDED PER SECTION 608.3 CPC
- 11. ALL HOSE BIBBS SHALL HAVE ANTI-SIPHON VALVES.
- 12. MOP SINKS SHALL HAVE A FAUCET WITH AN INTEGRATED ATMOSPHERIC VACUUM BREAKER. 13. NO VENTING SYSTEM SHALL TERMINATE LESS THAN 3 FT. ABOVE ANY FORCED AIR INLET LOCATED
- WITHIN 10 FT. OR LESS THAN 3 FT. FROM ANY LOT LINE, ALLEY OR STREET. 906.2 CPC
- 14. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 2.2 GPM. 15. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED TO
- APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103)

WATER PIPING:

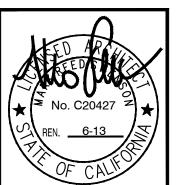
- 1. COPPER TUBE FOR WATER PIPING SHALL HAVE A WEIGHT OF NOT LESS THAN THAT OF COPPER WATER TUBE TYPE "L" EXECUTION: TYPE "M" COPPER MAY BE USED FOR WATER PIPING WHEN PIPING IS ABOVE GROUND AND THE NORMAL MAX. PRESSURE DOES NOT EXCEED 100 LBS AND
- THE WORKING PRESSURE DOES NOT EXCEED 210 DEGREES F.
- 2. ALL UNDERCABINET COPPER TUBE PIPING TO BE TYPE "K" 3. PROVIDE INLINE S/S BACKFLOW VALVE ASSEMBLY ON C.W. SUPPLY TO BEVERAGE CARBONATOR WITH A WATER FILTER UPSTREAM OF THE BACKFLOW VALVE - USE FLEX LINE & S/S FITTINGS BETWEEN BACKFLOW VALVE & CARBONATOR, NO COPPER OR BRASS. AN APPROVED FUNNEL DRAIN WITH A 1" AIR GAP SHALL BE PROVIDED FOR THE BACKFLOW VALVE RELIEF. FUNNEL DRAIN MAY DISCHARGE TO FLOOR SINK
- 4. SERVICE WATER HEATING SYSTEMS AND EQUIPMENT SHALL COMPLY WITH ENERGY EFFICIENCY STANDARDS, SECTION 113

WASTE PIPING:

- 1. ALL DRAINS, WASTE AND VENTS TO BE CAST IRON OR ABS 44 OR APPROVED EQUAL.
- 2. TRAP PRIME FLOOR DRAINS, INDIRECT FROM CLOSEST COLD WATER SOURCE.
- 3. MIN 1/4"/FT. SLOPE AT ALL DRAIN AND WASTE LINES. 4. MIN. SLOPE TO FLOOR DRAINS 1/8"/FT. FOR A MIN. 3'-0"
- 5. BUILDING DRAIN AND VENT PIPING SHALL COMPLY WITH SECTIONS 701.0 & 903.0 CPC 6. ALL SANITARY SYSTEM MATERIALS SHALL BE LISTED BY AN APPROVED LISTING AGENCY
- 7. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN 6 INCHES ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY AND BEFORE BEING CONNECTED TO ANY OTHER VENT.

GAS PIPING:

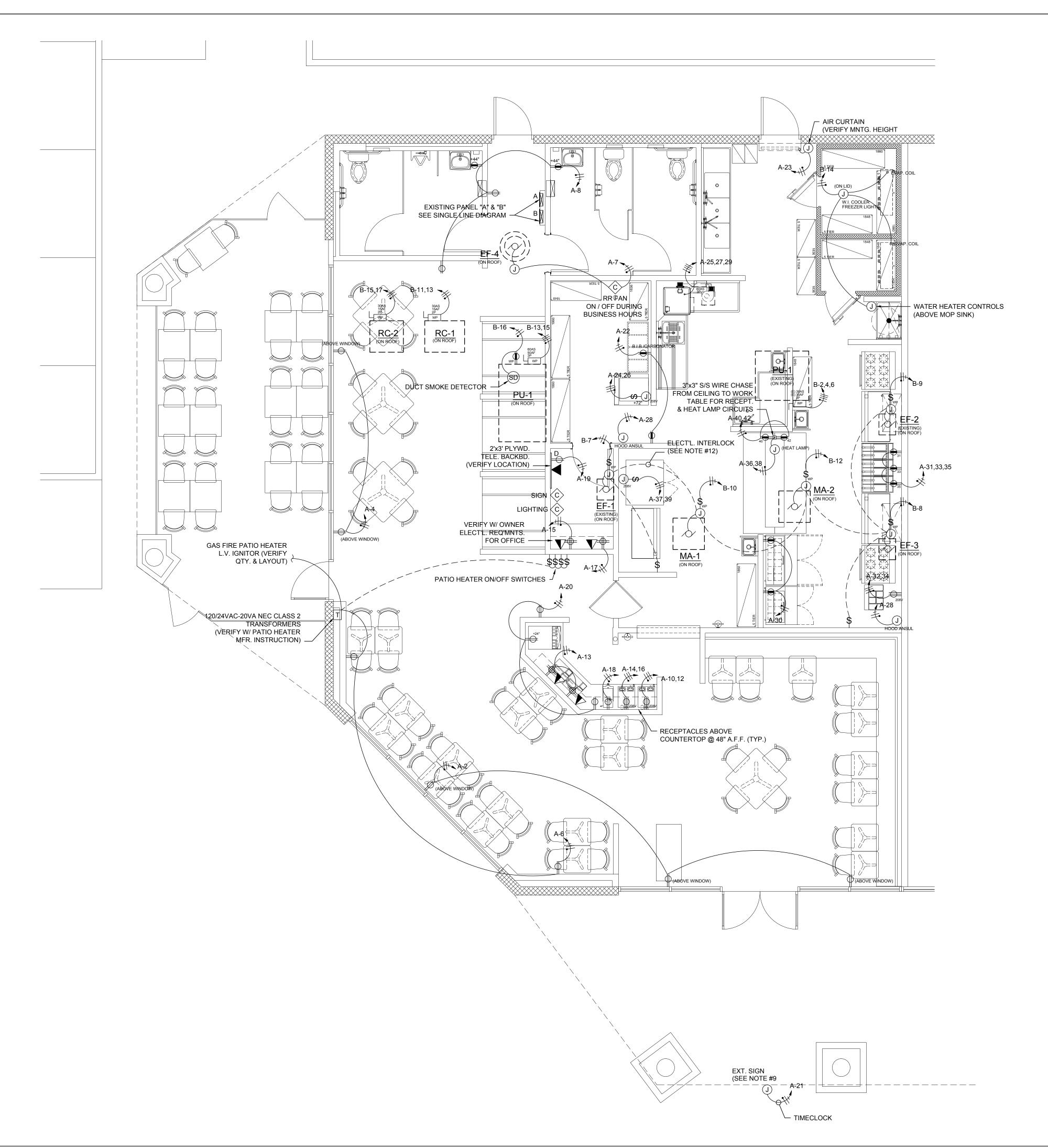
- 1. ALL PIPE USED FOR THE INSTALLATION, EXTENSION, ALTERATION OR REPAIR OF ANY GAS PIPING SHALL BE STANDARD WEIGHT WROUGHT IRON OR STEEL (GALVANIZED OR BLACK), YELLOW BRASS (CONTAINING NOT MORE THAN 75% COPPER) OR INTERNALLY TINNED OR EQUIVALENTLY TREATED COPPER.
- 2. ALL FITTINGS USED IN CONNECTION WITH THE ABOVE PIPING SHALL BE AS REQ'D.
- 3. ALL VALVES AND APPURTENANCES USED IN CONJUNCTION WITH THE ABOVE PIPING SHALL BE OF A TYPE DESIGNED AND APPROVED FOR USE WITH FUEL GAS.
- 4. PROVIDE AN APPROVED SEISMIC GAS SHUT-OFF VALVE FOR ALL GAS FIRE EQUIPMENT.



<u>REVISIONS:</u>

JOB NO. 2011-207

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NOTES:

- 1. ELECTRICAL SUBJECT TO INSPECTIONS.
- 2. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS
- 3. ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
- 4. ALL ELECTRICAL EQUIPMENT EXPOSED TO WEATHER SHALL BE LISTED FOR EXTERIOR USE.
- 5. CONTRACTOR SHALL USE A CODE APPROVED WIRING METHOD OF THE FOLLOWING:

 a) ALL CONDUITS BELOW SLAB OR GRADE SHALL BE PVC AND SHALL INCLUDE A GROUND WIRE

 b) ALL EXPOSED/CONCEALED CONDUIT SHALL BE EMT 3/4"
 CONDUIT (MIN.) FOR 20AMP CIRCUITS U.O.N.
 c) ALL CONDUCTORS FOR FEEDERS AND BRANCH WIRING SHALL BE THWN COPPER
- 6. ALL CIRCUIT BREAKERS CONTROLLING FLUORESCENT LIGHTING SHALL SWD LISTED.
- 7. LABEL INSIDE OF ALL RECEPTACLES COVERS, DISCONNECTS ETC. W/ CORRESPONDING CIRCUIT NUMBERS.
- 8. EQUIPMENT GROUND CONDUCTORS SHALL BE INSTALLED IN FLEXIBLE CONDUITS.
- 9. CONTRACTOR SHALL INSTALL A DEDICATED, 20-AMP, SINGLE PHASE, 120 VOLT CIRCUIT FROM THE ELECTRICAL SERVICE PANEL, THROUGH A TIME CLOCK AND TERMINATE IN A J-BOX JUST BEHIND THE EXTERIOR WALL/FASICA AT EACH SIGN LOCATION INDICATED ON THIS PLAN. THE CONTRACTOR SHALL COORDINATE THE LOCATIONS FOR EXTERIOR SIGN J-BOXES W/SIGN INSTALLER & SHALL CONNECT THE SIGNS TO THE DESIGNATED CIRCUITS.
- 10. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD & NOTIFY THE OWNER / ARCHITECT OF ANY DISCREPANCIES.
- 11. CONTRACTOR SHALL RE-CIRCUIT EXISTING DISTRIBUTION PANEL PER THE SCHEDULE PROVIDED WITHIN THESE PLANS & UTILIZE THE EXISTING CIRCUIT BREAKERS WHEN POSSIBLE.
- 12. CONTRACTOR SHALL PROVIDE ELECT'L. INTERLOCK BETWEEN EXHAUST FANS & MAKE-UP AIR FANS SO THAT THE HOOD EXHAUST FANS CANNOT OPERATE WITHOUT THE MAKE-UP AIR FANS OPERATING.

ELECTRICAL LEGEND

- \$ WALL SWITCH 48" A.F.F. U.O.N.
- THREE-WAY WALL SWITCH
- \$ DIMMER WALL SWITCH
- 48" A.F.F. U.O.N.
- PASSIVE INFRARED SENSOR SWITCH
 WATT STOPPER #PW-100 (ONE CIRCUIT RELAY)
 48" A.F.F. U.O.N.
- PASSIVE INFRARED SENSOR SWITCH
 WATT STOPPER #PW-200 (TWO CIRCUIT RELAY)
 48" A.F.F. U.O.N.
- DUPLEX RECEPTACLE
- 18" A.F.F. U.O.N.

18" A.F.F. U.O.N.

GFCI DUPLEX RECEPTACLE

- DED. DUPLEX RECEPTACLE
 18" A.F.F. U.O.N. GRAY COLORED TRIM PLATE
- SWITCHED DUPLEX RECEPTACLE
 MOUNTING HEIGHT PER PLAN
 PAINT TO MATCH WALL
- QUADRUPLEX RECEPTACLE
 18" A.F.F. U.O.N.
- DUPLEX RECEPTACLE
 CEILING MOUNTED
- T ELECTRONIC T-STAT
- 208V RECEPTACLE
 18" A.F.F. U.O.N.
- (J) JUNCTION BOX
- FLOOR MOUNTED JUNCTION BOX
- TELEPHONE/DATA OUTLET

 18" A.F.F. U.O.N.- 1/2"C. W/ PULL STRING, TERMINATE
 CONDUIT ABOVE PLYWD. BACKBD
- TELEPHONE/FAX OUTLET

 18" A.F.F. U.O.N.- 1/2"C. W/ PULL STRING, TERMINATE CONDUIT ABOVE PLYWD. BACKBD
- L | ELECTRICAL DISCONNECT
- TIME CLOCK
 TORK 1100 SERIES

NOTE: ALL SWITCHES, OUTLETS, COVER PLATES ETC. SHALL BE WHITE IN COLOR U.O.N.

No. C20427 2 No. C

SIGnorth Chitecture and planning

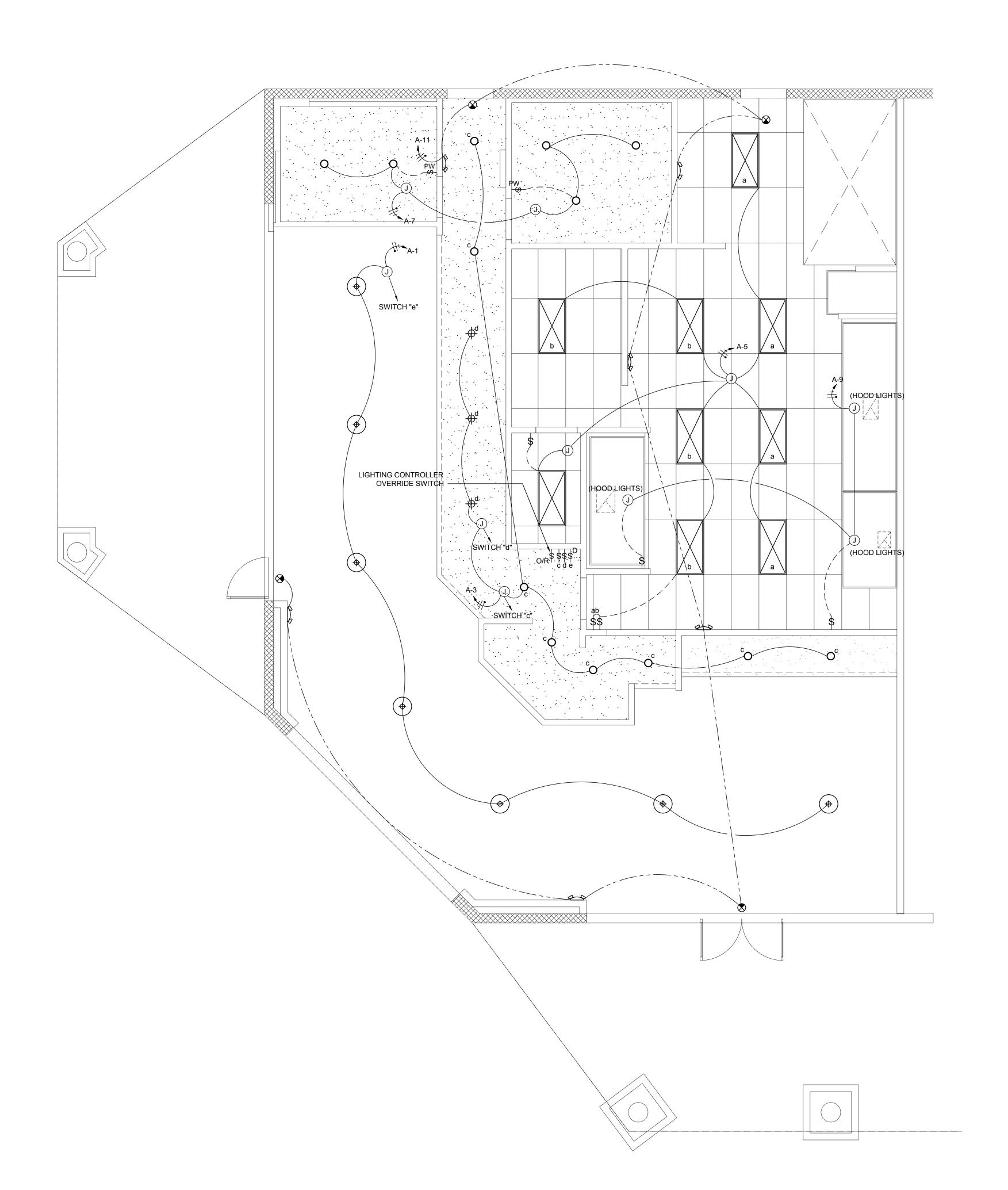
REVISIONS:

JOB NO. 2011-207

AD CRUMB OHANA CAFE' 19079 BEACH BLVD. FINGTON BEACH, CA 92648

DATE: 2/10/12

E1



TYPE	SYMBOL	DESCRIPTION					
Α		24" x 48" FLUOR. TROFFER (PROVIDED BY SHERWIN WILLIAMS) LAMP: 3-F32T8 (93W)					
В	0	6"Ø RECESSED DOWNLIGHT: JUNO CV6-126/32T-600C LAMP: 1-CF32TRT (32W)					
С	+	PENDANT LIGHT: (T.B.D VERIFY W/ OWNER) LAMP: 1-MED. BASE (100W)					
D	•	CORD HUNG SHADE LIGHT: HI-LITE LIGHTING H-316-91-CB-91/100-120 (VERIFY COLOR W/ OWNER, BLACK SPECIFIED) LAMP: 1-MED. BASE (100W)					
	⊗	LED ILLUMINATED EXIT SIGN: NAVILITE NXPA3RWH RED LETTERING - SINGLE/DOUBLE FACE AS NEEDE 90 MINUTE BATTERY BACK-UP POWER SUPPLY - 12					
	20	EMERGENCY LIGHT: NAVILITE N4WHHO9 (2) ADJUSTABLE LIGHT HEADS W/ 9 WATT LAMPS 90 MINUTE BATTERY BACK-UP POWER SUPPLY - 12 (MOUNT @ 7.5' A.F.F)					

LIGHTING MANDATORY MEASURES:

- BUILDING LIGHTING SHUT-OFF:
 THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH WITH A ZONE FOR EACH FLOOR OR
- ☑ OVERRIDE FOR BUILDING LIGHTING SHUT-OFF: THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL, ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHT. THE AREA OF OVERRIDE IS NOT TO EXCEED 5,000 SF.
- ☐ AUTOMATIC CONTROL DEVICES CERTIFIED:
 ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED. ALL
 ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS
 DIRECTED BY THE MANUFACTURER.
- ☑ FLUORESCENT BALLAST AND LUMINARIES CERTIFIED: ALL FLUORESCENT FIXTURES SPECIFIED FOR THE PROJECT ARE CERTIFIED AND LISTED IN THE DIRECTORY. ALL INSTALLED FIXTURES SHALL BE CERTIFIED.
- ☐ TANDEM WIRING FOR TWO LAMP BALLASTS:
 ALL ONE AND THREE LAMP FLUORESCENT FIXTURES ARE TANDEM WIRED
 WITH TWO (2) LAMP BALLASTS WHERE REQUIRED BY STANDARDS 132, OR
- ☐ ALL THREE LAMP FLUORESCENT FIXTURES ARE SPECIFIED WITH ELECTRONIC HIGH FREQUENCY BALLASTS, AND ARE EXEMPT FROM TWO LAMP TANDEM WIRING REQUIREMENTS.
- ☑ INDIVIDUAL ROOM AREA CONTROLS: EACH ROOM AND AREA IN THIS BUILDING IS EQUIPPED WITH A SEPARATE SWITCH OR OCCUPANCY SENSOR DEVICE FOR EACH AREA WITH FLOOR-TO-CEILING WALLS.
- ☑ UNIFORM REDUCTION FOR INDIVIDUAL ROOMS: ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 1.2 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH BI LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.
- ☐ 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 50% OF THE LAMPS IN EACH
 DAYLIGHT AREA CONTROLLED BY A SEPARATE SWITCH, OR
- ☐ THE EFFECTIVE USE OF DAYLIGHT THROUGH CANNOT BE ACCOMPLISHED BECAUSE THE WINDOWS ARE CONTINUOUSLY SHADED BY A BUILDING ON THE ADJACENT LOT. DIAGRAM OF A SHADING DURING DIFFERENT TIMES OF YEAR IS INCLUDED ON PLANS.
- ☐ CONTROL OF EXTERIOR LIGHTS:
 EXTERIOR MOUNTED FIXTURES AND SERVED FROM THE ELECTRICAL
 PANEL INSIDE THE BUILDING ARE CONTROLLED WITH A DIRECTIONAL
 PHOTO CELL CONTROL ON THE ROOF AND A CORRESPONDING RELAY
 IN THE ELECTRICAL PANEL.



REVISIONS:

JOB NO. 2011-207

EAD CRUMB OHANA CAFE' 19079 BEACH BLVD. ITINGTON BEACH, CA 92648

DATE: 2/10/12

E2

LOCATION: HALLWAY			DΛN	ı⊏ı	90		ווח:	ı ⊏	"A	**		120/208V,3PH.,4W.		
MOUNT: FLUSH			PAI	NEL	3C		טט	ᆫ	A	\		225 AMP MAIN LUG		
DESCRIPTION	А	В	С	BKR	CIR		CIR	BKR	Α	В	С	DESCRIPTION		
LIGHTING - DINING	700			20	1		2	20	1800			WINDOW RECEPTACLES		
LIGHTING - DINING / SERVICE		556		20	3		4	20		1200		WINDOW RECEPTACLES		
LIGHTING - KITCHEN			837	20	5		6	20			540	C.V. RECEPT./ PATIO HEATERS		
LIGHTING - RESTROOMS / (EF-4) 184			20	7		8	20	720			C.C. / RESTROOM RECEPTACLES		
EXHAUST HOOD LIGHTS		900		20	9		10	30		2912		COFFEE BREWER		
EMERGENCY / EXIT LIGHTS			146	20	11		12	2			2912	- COLLE BILEWEIX		
P.O.S. RECEPTACLES	800			20	13		14	30	2912			COFFEE BREWER		
OFFICE RECEPTACLE		400		20	15		16	2		2912		OO! I LE BIXETTEIX		
OFFICE RECEPTACLE			400	20	17		18	20			1680	ICE TEA BREWER		
TELE. BACKBD. RECEPTACLE	200			20	19		20	20	600			SODA DISP. / RECEPTACLES		
EXTERIOR SIGN		1500		20	21		22	20		800		SODA B.I.B. / CARBONATOR		
AIR CURTAIN			587	20	23		24	20 /			1404	ICE MACHINE		
	5464			50	25		26		1404			, , , , , , , , , , , , , , , , , , ,		
DISHWASHER		5464			27		28	20		400		EXHAUST HOOD ANSUL		
			5464	3	29		30	20			1320	REFRIG. PREP TABLES		
FRYER	1044			20	31		32	20 /	1456			HOT FOOD TABLE		
FRYER		1044		20	33		34	2		1456		11011 005 17.522		
FRYER			1044	20	35		36	30			2049	HEAT LAMP		
ROTISSERIES OVEN	156			_ 20 /	37		38	2	2049			112711 271111		
		156		2	39		40	20		1000		KITCHEN RECEPTACLES		
SPACE					41		42	20			1000	KITCHEN RECEPTACLES		
WATTS PER LINE	8548	10020	8478				<u> </u>		10941	10680	10905			
TOTAL ØA				ØB .	20	,700				Q	ØC	19,383		
L.C.L. (125%)														
L.M. (125%)														

WATTS AT 120/208 V.,3Ø, 4W.= 168 A.

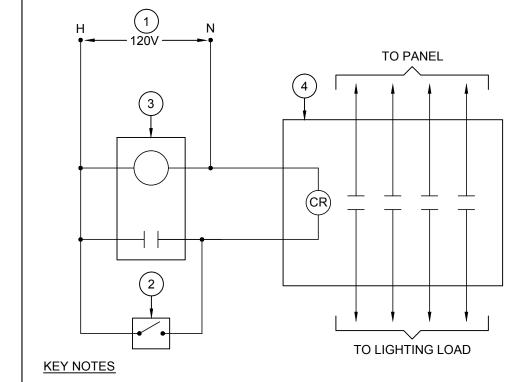
TOTAL LOAD 60,366

B C 12 4512 20 832	BKR 50 3 20				BKR	"B A 2532	В	С	DESCR	225 AMP	MAIN LUG
12 4512 20	50	1 3		2			В	С	DESCR	IPTION	
4512	3	3			30	2532			+		
4512	-			4	1 / 1			l .			
20	-	5	_		/		2532		ROOF	TOP UNIT (RTU-2)
	20		Ţ	6	3			2532			
		7		8	20	1920			EXHAL	JST FAN (E	F-3)
832	20	9		10	20		1656		MAKE-	UP AIR FAI	V (MA-1)
	20 /	11		12	20			1656	MAKE-	UP AIR FAI	N (MA-2)
	2	13		14	20	600			WALK-	IN COOLEF	२
3	20 /	15		16	20		300		SMOKI	E DETECTO	DR/ROOF RECE
718	2	17		18					SPACE	1	
		19		20					SPACE	•	
		21		22					SPACE		
		23		24					SPACE	-	
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		27		28					SPACE	Ī	
		29		30					SPACE		
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		33		34					SPACE	_	
		35		36					SPACE		
		37		38					SPACE		
		39		40					SPACE		
		41		42					SPACE		
6062						5052	4488	4188			
		718 2	718 2 17 19 21 23 25 27 29 31 33 35 37 39 41	718 2 17 19 21 23 25 27 29 31 33 35 37 39 41	718 2 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 39 40 41 42 50 6062	718 2 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 31 32 35 36 37 38 39 40 50 6062	718	718 2 17 18 <td< td=""><td>718 2 17 18 19 20 21 22 25 26 27 28 29 30 31 32 33 34 35 36 39 40 50 6062 5052 4488 4188</td><td>718</td><td>718</td></td<>	718 2 17 18 19 20 21 22 25 26 27 28 29 30 31 32 33 34 35 36 39 40 50 6062 5052 4488 4188	718	718

RACEWAY & CONDUCTOR SCHEDULE

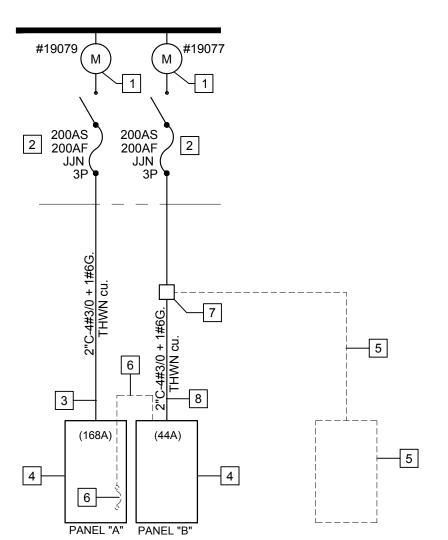
FUSED SWITCHES/CIRCUIT BREAKERS/RACEWAYS (C)/(THHN/THWN) CONDUCTORS (AWG/KCMIL) GROUNDINGS: SHALL BE AS INDICATED BY COLUMNS IN THIS SCHEDULE AND AS SHOWN ON POWER SINGLE LINE DIAGRAMS, DRAWINGS, PLANS OR DETAILS.

AMPERE FUSE SIZE OR CIRCUIT BREAKER	AMPERE FUSED SWITCH SIZE	COPPER CONDUCTOR	RACEWAY & COPPER CO	ONDUCTOR
TRIP RATING	OWNONOIL	EQUIP. GROUND	3PH, 3W OR 1PH, 3 W	3PH, 4W
20	30	12	3/4"C - 3#12	3/4"C - 4#12
30	30	10	3/4"C - 3#10	3/4"C - 4#10
40	60	10	1"C - 3#8	1"C - 4#8
50	60	10	1 1/4"C - 3#6	1 1/4"C - 4#6
60	60	10	1 1/4"C - 3#4	1 1/4"C - 4#4



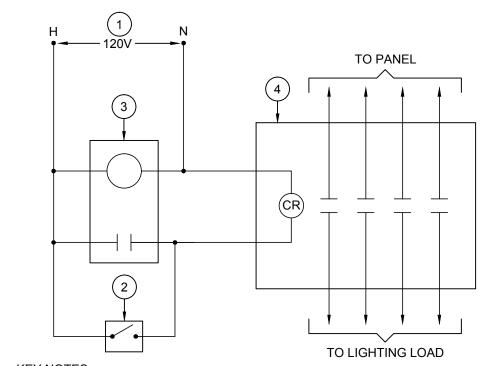
- CONNECT TO NEAREST 120V BRANCH CIRCUIT (FIELD VERIFY)
- 2 2HR OVERRIDE SWITCH WITH SPRING WOUND (VERIFY LOCATION)
- 3 365 DAY PROGRAMMABLE TIME CLOCK WITH WEEKEND & HOLIDAY SHUT-OFF FEATURE WHICH TURNS OFF ALL LOADS FOR AT LEASE 24 HOURS THEN RESUMES NORMAL SCHEDULED OPERATION & 10 HOUR MIN. PROGRAM BACK-UP IF POWER IS INTERRUPTED.
- MULTI-POLE LIGHTING RELAY WITH N.O. CONTACTS AND 120V CONTROL COIL (AS NOTED ON PANEL SCHEDULES (VERIFY # OF POLES)

EXISTING 1200A 120Y/208V 3PH 4W BUS 65K BUS BRACING - AIC = 42K



KEY NOTES:

- 1 (E) TENANT METERS 2 (E) SWITCH & FUSES
- 3 (E) CONDUIT & FEEDERS
- 4 (E) 120/208V, 3Ø, 4W 225A RATED ELECTRICAL PANEL
- 5 (E) 200 AMP ELECTRICAL PANEL, CONDUIT & FEEDERS REMOVED DURING DEMO
- 6 REMOVE SUB-FEED (CONDUIT, FEEDERS CKT. BREAKER) TO PANEL "B" FROM PANEL "A"
- 7 (N) PULL BOX ABOVE CEILING WITHIN THE TENANT SPACE @ (E) CONDUIT FROM SWITCHGEAR
- 8 (N) CONDUIT & FEEDERS FROM PULL BOX TO PANEL "B"



LIGHTING CONTROL DIAGRAM

SINGLE LINE DIAGRAM
N.T.S.

VERIFY EXISTING CONDITIONS

<u>REVISIONS:</u>

JOB NO. 2012-

SHERWIN WILLIAMS 290 YORBA LINDA BLVD

DATE: 2/6/12

	CATE OF	COMPLIANCE	<u> </u>			(Page 1 o	f 4)	LTG-1
Project Name:	BREAD	CRUMB OHA	NA (CAFE'			Date:	2/10/	12
Project Addres					Climate Zo	ne:	Building	CFA:	2,540
19079 BEA					_		Uncondi	ioned El	oor Area :
HUNTINGT	ON BEACH	, CA					Oncondit	ionea Fi	ooi Area:
General Inform		- X 11 2.1	_	*** 1 = 1 =		_	**		
Building Type:	X	Relocatable Public		High-Rise Re			Hotel/Me		
☐ Schools		Schools	X	Conditioned	Spaces		Uncondi	tioned Sp	aces
Phase of Constru	ction:	New Construction		Addition			Alteratio	n	
Method of Comp		Complete Building	X	Area Categor	У		Tailored		
		ration Statement ate of Compliance documen	tation is a	accurate and co	mplete.				
Name: RYAN	N WATKINS	;		Signature:	RA	U			
Company:	STUDIO C	ARCHITECTS			1	Dat	e: 2	/10/12	
Address:							oplicable:		
	6125 CORI	NERSTONE CT. E.	#200			CE	A # PE #		
						_	ne:		
City/State/Zip	CAN DIEC	O CA 02424				1 110			0000
 I am eligi This Cert Title 24, 1 The design 	ing Designer's I ble under Divisi ificate of Compl Pages 1 and 6 of in features repres	O, CA 92121 Declaration Statement on 3 of the California Busin tiance identifies the lighting the California Code of Reg sented on this Certificate of	features gulations.	and performan	ce specificati	esponsilons requ	bility for the	e lighting	with
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LTG-3C

WATTS

AREA (ft²) | = | ALLOWED | WATTS | 1353 | 1594 | 51 | 161 |

AREA WATTS

F G ALLOWED

August 2009

^{Date:} 2/10/12

WATTS PER (ft²) X BLDG. AREA = ALLOWED WATTS

☐ UNCONDITIONED spaces

B
WATTS
PER (ft²)
1.1
1.6
1.1
0.6

Sum of Additional Allowed Watts from Area Category Method – Part B (from table below)

TOTALS 2,540 3,159

Watts
Per ft²
Allowance
Allowed
Allowed

Wattage
Per ft²
Allowance
Comparison (s) and Quantity of Special
Comparison (s) and Quanti

Additional watts available only when allowed according to the footnotes on bottom of Table 146-F for chandelier or sconce;

art, craft, assembly or manufacturing specialized task work; precision commercial/ industrial work; or lab specialized task work.

2. Special luminaires are light fixtures described in the Table 146-F Footnotes that are subject to an additional wattage

The indoor lighting power allowance using the Tailored Method of compliance shall be determined using the LTG-4C set of forms. A separate set of LTG-4C forms shall be filled out for CONDITIONED and UNCONDITIONED spaces

Total Allowed Watts using the Tailored Method taken from LTG-4C (Page 1 of 4) Row 3

TOTALS – Enter into Area Category Method – Part A (table above)

AREA CATEGORY METHOD – Part B Additional Wattage Allowance (from Table 146-F Footnotes)

A B C D E F Additional Footnotes

2008 Nonresidential Compliance Forms

INDOOR LIGHTING POWER ALLOWANCE

BUILDING CATEGORY (From §146 Table 146-E)

ALLOWED LIGHTING POWER (Chose One Method)

this page are only for:

CONDITIONED spaces

COMPLETE BUILDING METHOD

AREA CATEGORY METHOD – Part A

RESTROOMS / HALLWAY

TAILORED METHOD

2008 Nonresidential Compliance Forms

BREAD CRUMB OHANA CAFE'

A Separate LTG-3C must be filled out for Conditioned and Unconditioned Spaces. Indoor Lighting Power Allowances listed on

2/10/12	Project	Name:					Da	ate:			
CFA: 2,540		BREAD CRUMB OHA	ANA CA	FE'				2/1	0/12		
oned Floor Area :	Insta	llation Certificate, LTG-1-INST (Ret	ain a copy and	l verify	form is co	mpleted an	d signed.)		l Inspe		
1	Certi	ficate of Acceptance, LTG-2A (Retain	a copy and ve	erify for	rm is com	oleted and s	signed.)	Field	Inspe	ctor	
otel	A sena	rate Lighting Schedule Must Be Filled Out fo	r Conditione	d and	Uncondit	ioned Spac	ces Instal	led Lighti	no Pow	er lister	d or
ioned Spaces		ghting Schedule is only for: CONDITION				NCONDI			181011	n visice	
1		e actual indoor lighting power listed below inc th §146(a)	cludes all ins	talled	permane	nt and por	table ligh	ting syster	ns in ac	cordan	ice
	calc	ly for offices: Up to the first 0.2 watts per squuulation of actual indoor lighting power densities of 0.2 watts per square foot is totaled belo	ty in accorda								
		Luminaire Schedule (Type, Lam		ts)			Install	ed Watt	S		
10/12	A	В		C	D		E	F	G		H
				Special Features	_		attage was		F)	Fie	eld ector
58-866-0889	e or Tag	Complete Luminaire Description		1 Fea	Watts per Luminaire	CEC	According	Number of Luminaires	g x		
	Name or Item Tag	(i.e, 3 lamp fluorescent troffer,		ecia	atts j	Default from	to §130	umbe	Installed Watts (D	Pass	Д 1
lighting design.	A A	F32T8, one dimmable electronic balls 2x4 FLUOR. TROFFER - 3 F32T8 LAN		S	93	NA8	(d or e)	9	837		
npliance with	B	RECESSED CAN - 1 CF32W TT	VII O	1 📅	32	X		13	416		
inpliance with	С	PENDANT - MED. BASE 100W			100	X		3	300		
d to document this design	<u>D</u>	CORD HUNG SHADE - MED. BASE 1	00W		100	X		7	700		
enforcement agency for	<u> </u> E										
				무			<u>-</u>				
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				╁							
358-866-0889							-				
330-000-0003											
C20427											
2/10/12											
2/10/12											
				붐			-				
					STALLE	D WATT		TOTAL:	2253		
Nonresidential Manual		D 717 1	4			stalled Wa				0.050	
Ivom estaemat Manuat		Building total number of pages	1			((Sum of a	ll pages)	·	2,253	
								Inter into		Page	4 of
		age shall be determined according to Section 130(c	
	2. If Fa	il then describe on Page 2 of the Inspection Check	iisi Form ana	<i>tаке ар</i>	propriate	action to co	orrect. Vei	rijy buitain	g pians i	<i>necess</i>	ary.
August 2009	2008 No	onresidential Compliance Forms								Augus	st 20
3		•								J	
	-										

CERTIFICATE OF COMPLIANCE

				(=8-	,			D			12			
INDOOR LIGHTING SCHEDULE and	FIELD I	NSPE	CTION E	NERGY	CHECKLI	ST		Project Name: Bl	READ CRUMB OHA	NA CAF	E' Date:	2/10/1	2	
ject Name:				Date	2/40/40				ING SCHEDULE and FIELD I					
BREAD CRUMB OHANA	OAFE.				2/10/12			Fill in controls for	all spaces: a) area controls, b) mu	ılti-level contr	ols, c) manual daylighting controls	for daylit c	reas >	250 ft²,
stallation Certificate, LTG-1-INST (Retain a cop	y and verify	form is co	ompleted and	signed.)	Field Inspe □	ector		controls - general l	ighting controlled separately from	display, orna	off controls, e) display lighting con amental and display case lighting a	trols, f) tail nd g) demai	ored lig id respo	ghting onsive
rtificate of Acceptance, LTG-2A (Retain a copy a	and verify for	m is comp	pleted and sig	gned.)	Field Inspe	ector			for retail stores $> 50,000 \text{ ft}^2$, in ac					
eparate Lighting Schedule Must Be Filled Out for Condit s Lighting Schedule is only for: CONDITIONED SP			tioned Space			er listea	lon	MANDATORY CHECKLIST	LIGHTING CONTROLS	S - FIELD	INSPECTION ENERGY			ield ector
Lighting scredule is only for. & CONDITIONED SP	ACE	ப 01	NCONDITI	IONED SI	FACE									
The actual indoor lighting power listed below includes a with §146(a) Only for offices: Up to the first 0.2 watts per square foot							ce			Number		Special Features		
calculation of actual indoor lighting power density in acc excess of 0.2 watts per square foot is totaled below.									ype / Description	of Units	Location in Building	S _I	Pass	Fail
Luminaire Schedule (Type, Lamps, Ba	llasts)]	Installed	l Watts			AUTO TIME CLC	OCK	1	OFFICE			
В	C	D	E	E .	F G	Н	[
			How watt	_		Fie	2							
	ures		determ	nined	<u> </u>	Inspec	ctor 2							
Complete Luminaire Description	Special Featur	er Fre	CEC	According	of ires 1									
Complete Luminaire Description (i.e, 3 lamp fluorescent troffer,	cial [ts pe uinai	Default	to	Number c Luminair Installed Watts (D	SS	=							
F32T8, one dimmable electronic ballast)	Spec	Watts per Luminaire	from NA8	§130 (d or e)	Nun Lum Insta	Pass	Fail							
2x4 FLUOR. TROFFER - 3 F32T8 LAMPS		93	X		9 837									
RECESSED CAN - 1 CF32W TT	므	32	X		13 416		무							
PENDANT - MED. BASE 100W CORD HUNG SHADE - MED. BASE 100W		100 100	X		3 300 7 700									
CONDITIONS STIADE - WILD. BASE 100W	-	100			7 700									
							무							
+														
													_	
								CDE CLAY ED	THE TAXABLE COLOR CO	TE CITY TO				
									ATURES INSPECTION CI				•	
						<u>-</u>	무	The local enforcement	nt agency should pay special attention umentation, and special verification. T	to the items sp The local enforc	ecified in this checklist. These items requested in this checklist. These items requested in this checklist.	uire special of the justif	written ication o	and
											quacy of the special justification and do			
	- 													
		STALLE			OTAL: 2253	_								
Duilding total number of			stalled Watt		r Total	2 252								
Building total number of pages 1			(S	Sum of all	pages)	2,253								
	TT 1	77.7	61. 1 . 0		ter into LTG-1C	Page 4	1 of 4							
Tattage shall be determined according to Section 130(d and e). Fail then describe on Page 2 of the Inspection Checklist Form						f necessi	arv.	Field Inspector	's Notes or Discrepancies:					
1 un men deservoe on 1 age 2 of the Inspection Cheemist 1 orm	ина шке арг	оторние	uction to con	reci. rerigy	y buttuing plans ij	necesse	ary.	•	•					
Nonresidential Compliance Forms						Augus	t 2009	2008 Nonresidential	Compliance Forms				Aug	gust 200

(Page 2 of 4) LTG-1C

CERTIFICATE OF COMPLIANCE

(Page 3 of 4) LTG-1C

CERTIFICATION OF COM	IPLI	ANCE		(Page 4 of 4	()	LTG-1
Project Name: BREAD CRU	JMB	OHANA CA	AFE'		Date:	0/12	2
Conditioned and Unconditioned spa				_			_
Indoor Lighting Power for Co	ndition	•	Indoor Li	ghting Power fo	r Unconditio	ned Sp	
Installed Lighting (from Conditioned LTG-1C Page 2)		2,253	(from Und	Install conditioned LTG	ed Lighting -1C Page 2)		Watts
Lighting Control Cree Conditioned Spaces (from LTG-20	dit C)		3	Lighting Co oned Spaces (fro	ontrol Credit m LTG-2C)	-	
Adjusted Install Lighting Pow		2,253			ed Installed hting Power	=	
Complies if Ir	stalled	≤ Allowed ‡		Con	nplies if Insta	lled ≤ A	Allowed
Allowed Lighting Pow Conditioned Spaces (from LTG-3		3,159	Unconditi	Allowed Lig			
this form will be part of the plans, comple can be grouped by type of Luminaire con Enforcement Agency:	trolled.		the responsible par	y to budget for the	scope of work	appropi	riately. For
Systems Acceptance. Before Occupancy I controls is installed in the building or spa The LTG-2A form is not considered a confilled and signed. In addition, a Certifical installation certificates, and operating and must receive the properly filled out and significant luminaire control(s) must be provided.	ce shall nplete fo te of Acc d mainte gned for	be certified as meetin rm and is not to be ac eptance forms shall b nance information m ms before the buildin	ng the Acceptance R ccepted by the enfor be submitted to the e eet the requirements g can receive final o	equirements. cement agency unl nforcement agency of §10-103(b) of occupancy. A copy	ess the boxes a that certifies Title 24 Part 6.	re check plans, s _l The fiel	ked and/or pecification ld inspector
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2008 Nonresidential Compliance Forms

August 2009

<u>REVISIONS:</u>

JOB NO. 2011-207

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