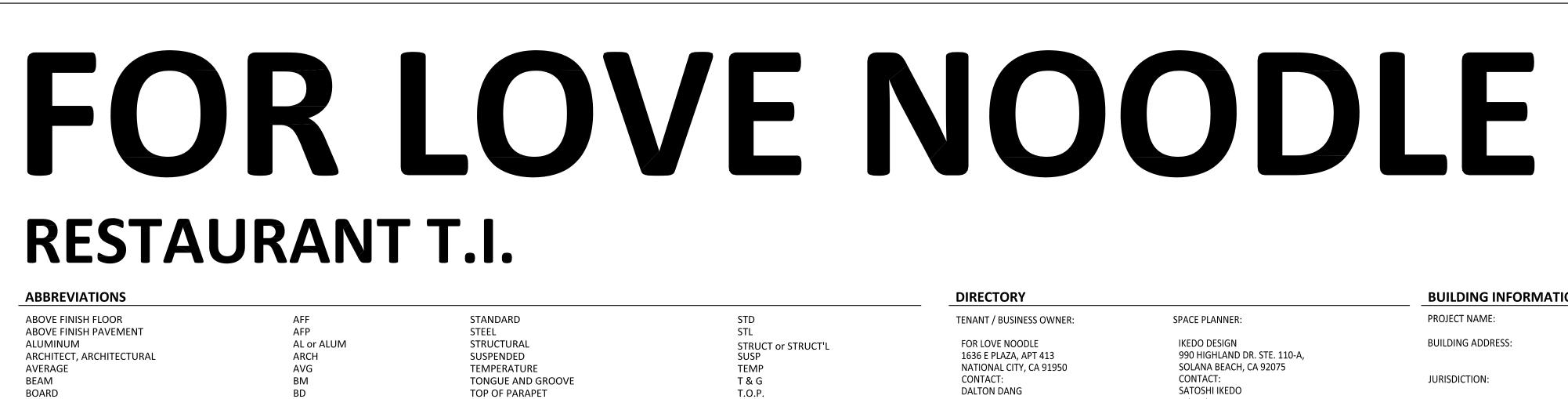
# **RESTAURANT T.I.**

ABBREVIATIONS		
ABOVE FINISH FLOOR ABOVE FINISH PAVEMENT	AFF AFP	STANDARD STEEL
ALUMINUM	AL or ALUM	STRUCTURAL
ARCHITECT, ARCHITECTURAL	ARCH	SUSPENDED
AVERAGE BEAM	AVG BM	TEMPERATURE TONGUE AND GRO
BOARD	BD	TOP OF PARAPET
BOTTOM OF STRUCTURE	B.O.S.	TOP OF ROOF
BUILDING	BLDG	TOP OF STEEL
CABINET CEILING	CAB CLG	TOP OF SHEATHING
CENTER LINE	CL	TOP OF WALL TYPICAL
CERAMIC	CER	UNLESS NOTED OT
CLEAR	CLR	UNLESS OTHERWIS
COLD WATER COLUMN	CW COL	VERIFY IN FIELD
CONCRETE	CONC	WITH
CONCRETE MASONRY UNIT	CMU	
CONCRETE TILT-UP	CTU	
CONSTRUCTION CONTINUOUS	CONST CONT	SYMBOLS KEY
CONTROL JOINT	CJ	
DEMOLITION	DEMO	
DETAIL	DTL	
DIAMETER DIMENSION	DIA DIM	
DOOR	DR	BUILDING SECTION
DOWN	DN	
DRAWING	DWG	
DRINKING FOUNTAIN EACH	DF EA	WALL SECTION
ELECTRIC	ELEC	
EQUAL	EQ	
EQUIPMENT	EQUIP	
EXISTING	EXIST'G or (E)	INTERIOR ELEVATIO
EXPANSION JOINT EXTERIOR	EJ EXT	
FEET	FT	
FINISH	FIN	
FINISH FLOOR FINISH GRADE	F.F. F.G.	
FIREPROOF	FP.	DETAIL REFERENCE
FLOOR	FLR	
GAUGE	GA	
GALVANIZED GLASS	GALV GL	
INCH	IN	SECTION DETAIL RE
GYPSUM BOARD	GYP BD	
HARDWARE	HDW	
HEIGHT HOLLOW CORE	HT or HGT HC	
HORIZONTAL	HOR or HORIZ	
HOT WATER	HW	
INTERIOR	INT	TRUE NORTH
JUNCTION BOX LAVATORY	J-BOX	
LIGHT	LAV LT	
LINEAR	LIN	
MANUFACTURER	MFR	PROJECT NORTH
MASONRY MASONRY CONTROL JOINT	MAS MCJ	
MAXIMUM	MAX	
MECHANICAL	MECH	
MINIMUM	MIN	ROOM NUMBER
MISCELLANEOUS MEANS OF EGRESS	MISC M.O.E.	
NON RATED	NR	DOOR NUMBER
NOT IN CONTRACT	NIC	
NOT TO SCALE	NTS	WINDOW NUMBER
NUMBER ON CENTER	NO or # OC	
OPPOSITE HAND	ОН	
OWNER FURNISHED OWNER INSTALLED	OFOI	KEYNOTE TAG
OWNER FURNISHED CONTRACTOR INSTALLED	OFCI	
OVER PARTITION	O/ PART'N	EQUIPMENT TAG
PLASTIC LAMINATE	P-LAM	
PLUMBING	PLBG or PLUMB'G	
PLYWOOD	PLY	DATUM ELEVATION
PROPERTY LINE QUANTITY	PL QTY	
RADIUS	R or RAD	<b>REVISION TAG</b>
REFERENCE	REF	
REFRECTED CEILING PLAN	RCP	PROPERTY LINE
REINFORCE REQUIRED	REINF REQD	
REVISION	REV	
ROOM	RM	GRIDLINES
ROUGH OPENING	RGH OPN'G or RO	
SCHEDULE	SCH or SCHED SECT	CLEAR OR FACE OF
SECTION SHEET	SHT	
SIMILAR	SIM	
SOLID CORE	SC	CENTERLINE DIMEN
SPECIFICATIONS	SPECS	
SQUARE FEET SQUARE INCHES	SQ FT or SF SQ IN	FACE OF BUILDING
STAINLESS STEEL	SS	



OF PARAPET OF ROOF OF STEEL OF SHEATHING OF WALL CAL ESS NOTED OTHERWISE

T.O.R.

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PROJECT

TRUE

101

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7'-0"

7'-0"

+10'-0" (A.F.F.)

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ESS OTHERWISE NOTED FY IN FIELD

**ABOLS KEY** 

DING SECTION

RIOR ELEVATION

FION DETAIL REFERENCE

UM ELEVATION

AR OR FACE OF BLDG MATERIAL DIMENSION

TERLINE DIMENSION

E OF BUILDING MATERIAL DIMENSION

t. (714) 391-4843

quanxoi@gmail.com

t. (858) 436-7967 satoshi@ikedodesign.com

PLUMBING/ MECHANICAL: FLORES MECHANICAL ENGINEERING 531 ENCINITAS BLVD. STE 104 ENCINITAS, CA 92024 CONTACT:

t. (760) 505-2045 esteban@floresmechanical.me

ESTEBAN FLORES

ELECTRICAL:

CONCEPT ELECTRICAL SOLUTIONS INC. 14427 ELMPORT LANE, POWAY, CA 92064 CONTACT: ROBERT AARSLEFF t. (858) 449-5732

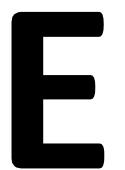
robert.aarsleff@conceptelectricalsolutions.com

FOOD SERVICE NOTES: WATER FOR THIS FACILITY: SEWER FOR THIS FACILITY: ALCOHOLIC BEVERAGES: THIS ESTABLISHMENT WILL BE: FLOOR MATS: THERE WILL BE NO MORE THAN:

**SCOPE OF WORK** 1. TENANT IMPROVEMENT OF EXISTING RESTAURANT SUITE (EXISTING OCCUPANCY CLASSIFICATION: B-2), ALL NEW INTERIOR, NON-STRUCTURAL, NON-BEARING WALLS TO CREATE RESTROOM, MINOR COMMERCIAL KITCHEN REMODEL AND ASSOCIATED NEW MECHANICAL, NEW ELECTRICAL & NEW PLUMBING. 2. NEW MECHANICAL, SEE MECHANICAL DRAWINGS.

3. NEW ELECTRICAL, SEE ELECTRICAL DRAWINGS. 4. NEW PLUMBING, SEE PLUMBING DRAWINGS. 5. NEW STRUCTURAL SUPPORT FOR DROPPED SOFFIT. NOTE: NEW OWNER. NEW RESTAURANT.





# **BUILDING INFORMATION** PROJECT NAME:

BUILDING ADDRESS:	1420 EAST PLAZA BLVD, SUITE D-5 NATIONAL CITY, CA 91950
JURISDICTION:	CITY OF NATIONAL CITY
ASSESSOR'S PARCEL NUMBER:	557-322-15-00
LEGAL DESCRIPTION:	PM13874 PAR 2\
TYPE OF BUSINESS & OCCUPANCY CLASSIFICATION:	RESTAURANT B (RESTAURANT)
PROPOSED T.I. AREA:	± 1,944 S.F.
TYPE OF CONSTRUCTION:	又B - NON SPRINKLERED
NUMBER OF FLOORS:	1
EXISTING SUITE AREA:	± 1,944 S.F.
	THE CBC ADOPTS THE 2023 LOA ANGELES COUNTY AMENDMENTS. THE CRC ADOPTS THE 2021 IRC AND CALIFORNIA AMENDMENTS.

FOR LOVE NOODLE

THE 2022 EDITION OF THE CEC ADOPTS THE 2021 NEC AND CALIFORNIA AMENDMENTS.

THE 2022 EDITION OF THE CPC ADOPTS THE 2021 UPC AND CALIFORNIA AMENDMENTS.

THE 2022 EDITION OF THE CFC ADOPTS THE 2021 IFC AND CALIFORNIA AMENDMENTS.

FULL SERVICE / MULTI-SERVICE CONSUMER UTENSILS

THE 2022 EDITION OF THE CEBC ADOPTS THE 2021 IEBC AND LOCAL AMENDMENTS.

THE 2022 EDITION OF THE CMC ADOPTS THE 2021 UMC AND CA AMENDMENTS.

THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE.

NATIONAL CITY

NATIONAL CITY

WILL BE SERVED

WILL BE USED IN THIS FACILITY

**3 EMPLOYEES PER SHIFT** 

# SHEET INDEX

SHEET # DESCRIPTION

RCHITECT	URAL
1	TITLE SHEET
2	GENERAL NOTES
3	GENERAL NOTES
4	GENERAL NOTES
5	SITE PLAN
6	NOT USED
7	DISABLED ACCESS NOTES
8	DISABLED ACCESS NOTES
9	DISABLED ACCESS NOTES
10	DISABLED ACCESS NOTES
1.0	EXIT ANALYSIS PLAN
2.0	DEMOLITION PLAN
3.0	PARTITION PLAN
3.1	EQUIPMENT PLAN & SCHEDULE
4.0	POWER, DATA & TELEPHONE PLAI
5.0	REFLECTED CEILING PLAN
8.0	ENLARGED RESTROOM PLAN AND
	ELEVATIONS
11.0	DETAILS
11.1	NOT USED
11.2	DETAILS

# ELECTRICAL E01 E10 E20 E21 MECHANICA M0.1 M0.2 M0.3 M0.4

M2.1

M2.2

PLUMBING

P0.1

P0.2

P1.1

P2.1

P3.1

ELECTRICAL LEGEND AND NOTES ELECTRICAL SPECIFICATIONS ELECTRICAL PLANS TITLE 24 TITLE 24

MECHANICAL LEGEND, NOTES & SCHEDULES MECHANICAL DETAILS CALIFORNIA TITLE 24 CALCULATIONS CALIFORNIA TITLE 24 CALCULATIONS MECHANICAL FLOOR PLAN MECHANICAL ROOF PLAN

# PLUMBING LEGEND, NOTES & SCHEDULES PLUMBING DETAILS PLUMBING SITE PLAN PLUMBING FLOOR PLAN PLUMBING GAS CALCULATION AND DIAGRAM

# UNDER SEPARATE PERMIT

1. SIGNAGE AND AWNING

DEFERRED SUBMITTAL ITEMS

IT IS UNDERSTOOD THAT PLANS FOR THE PROJECT HAVE, AT THIS TIME, BEEN REVIEWED FOR COMPLIANCE WITH ALL APPLICABLE STATE AND CITY REGULATIONS, AND THAT THE PROJECT AS A WHOLE HAS BEEN APPROVED BY THE CITY, WITH THE EXCEPTION OF THE DEFERRED ITEMS LISTED.

WE UNDERSTAND THAT WE WILL NOT BE AUTHORIZED ANY INSPECTION OF THE DEFERRED ITEMS PROPOSED PRIOR TO THE SUBMITTAL AND APPROVAL OF PLANS AND/OR CALCULATIONS FOR THOSE DEFERRED ITEMS.

COMPLETE PLANS AND SPECIFICATIONS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE CITY OF SAN DIEGO FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION:

1. FIRE SUPPRESSION SYSTEM FOR HOOD 2. FIRE ALARM SYSTEMS

3. ALL FIRE EXTINGUISHING SYSTEMS INCLUDING AUTOMATIC SPRINKLER AND STANDPIPE SYSTEMS AND OTHER SPECIAL FIRE EXTINGUISHING SYSTEMS AND RELATED APPURTENANCES

# ACCESSIBILITY REQUIREMENTS

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

AS IMPROVED PER THESE PLANS, WILL BE

IN FULL COMPLIANCE WITH CURRENT SITE ACCESSIBILITY REQUIREMENTS TO THE EXTENT REQUIRED BY LAW.					
SATOSHI IKEDO	Sila	1.24.17	🔀 DESIGNER		
NAME (PRINT)	SIGNATURE	DATE	OWNER		

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.		
SATOSHI IKEDO 🔶 , 🦯		
Such	12.21.16	
		— Ē

ARE

OWNER DATE 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.

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

SHEET NO:



**REVISION: REVISION: REVISION: REVISION: REVISION:** REVISION: **REVISION: REVISION:** BID SET: HEALTH SUBMITTAL:

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Solana Beach, CA 92075

Suite 110A

p: 858.436.7967

DEFERRED ITEMS:

- 1. IT IS UNDERSTOOD THAT PLANS FOR THE PROJECT HAVE, AT THIS TIME BEEN REVIEWED FOR COMPLIANCE WITH ALL APPLICABLE STATE AND CITY REGULATIONS, AND THAT THE PROJECT AS A WHOLE HAS BEEN APPROVED BY THE CITY, WITH THE EXCEPTION OF THE DEFERRED ITEMS LISTED.
- 2. WE UNDERSTAND THAT WE WILL NOT BE AUTHORIZED ANY INSPECTION OF THE DEFERRED ITEMS PROPOSED PRIOR TO THE SUBMITTAL AND APPROVAL OF PLANS AND/OR CALCULATIONS FOR THOSE DEFERRED ITEMS.
- 3. COMPLETE PLANS AND SPECIFICATIONS FOR ALL FIRE EXTINGUISHING SYSTEMS INCLUDING AUTOMATIC SPRINKLER AND STANDPIPE SYSTEMS AND OTHER SPECIAL FIRE EXTINGUISHING SYSTEMS AND RELATED APPURTENANCES SHALL BE SUBMITTED TO THE CITY OF SAN DIEGO FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 4. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED TO THE CITY OF SAN DIEGO DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 5. PLANS FOR THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED IN A TIMELY MANNER BUT NOT LESS THAN 30 BUSINESS DAYS PRIOR TO INSTALLATION. ALL COMMENTS RELATED TO THE DEFERRED SUBMITTAL MUST BE ADDRESSED TO THE SATISFACTION OF THE PLAN CHECK DIVISION PRIOR TO APPROVAL OF THE SUBMITTAL ITEMS.

ENERGY CONSERVATION (PLUMBING)

- 1. ALL WATER HEATERS SHALL BE LISTED IN THE CALIFORNIA ENERGY COMMISSION LIST OF APPROVED WATER HEATERS. INSTALLATIONS SHALL COMPLY WITH UPC EDITION, FOR THERMAL EXPANSION REQUIREMENTS.
- 2. ALL PLUMBING FIXTURES, FAUCETS AND SHOWER HEADS SHALL COMPLY WITH CEC MAXIMUM FLOW REQUIREMENTS (2.5 GPM MAXIMUM FOR SHOWER HEADS, 2.2 GPM MAXIMUM FOR FAUCETS, 1.6 GALLONS/FLUSH MAXIMUM FOR WATER CLOSETS AND 1.0 GALLONS/FLUSH MAXIMUM FOR URINALS)
- ALL SERVICE HOT WATER PIPING SHALL BE INSULATED IN ACCORDANCE WITH SECTION CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS (HEREAFTER B.E.E.S.) AND TABLE 10.D OF 1985 U.M.C.
- 4. ALL EQUIPMENT MUST COMPLY WITH THE STATE OF CALIFORNIA B.E.E.S. HEATERS FOR DOMESTIC HOT WATER AND/OR POOLS SHALL MEET REQUIREMENTS PER THE B.E.E.S. COMPLIANCE CERTIFICATES SHALL BE PROVIDED WITH EQUIPMENT SUBMITTALS.
- LAVATORY FAUCETS IN PUBLIC RESTROOMS SHALL BE OF THE SELF-CLOSING TYPE WITH A MAXIMUM HOT WATER FLOW RATE OF .5 GPM (C.E.C.)
- SHOWER CONTROLS SHALL BE OF THE THERMOSTATIC MIXING OF THE PRESSURE BALANCING TYPE AND SHALL MEET THE REQUIREMENTS OF UPC.
- 7. ALL HOSE BIBS AND JANITOR SINK FAUCETS SHALL BE EQUIPPED WITH PERMANENTLY MOUNTED VACUUM BREAKERS.
- ALL FLOOR DRAINS AND FLOOR SINKS SHALL BE PROVIDED WITH AN APPROVED METHOD OF MAINTAINING THE LIQUID SEAL IN THE "P"TRAP.
- 9. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE
- 10. AS NOTED IN (B) ABOVE, ALL TOILETS AND URINALS SHALL BE OF THE "ULTRA LOW FLUSH" TYPE.
- 11. SHOWERS AND TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WITH MIXING VALVES PER CPC SEC. 420.0.
- 12. EACH TOILET SHALL BE THE ULTRA LOW FLUSH TYPE.
- 13. EACH URINAL SHALL HAVE A WATER CONSUMPTION OF NOT MORE THAN 1 GALLON PER FLUSH.
- 14. VACUUM BREAKERS SHALL BE PROVIDED AT ALL HOSE BIBBS. 15. FLOOR DRAINS OR SIMILAR TRAPS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM AND SUBJECT TO INFREQUENT USE SHALL BE PROVIDED WITH AN APPROVED AUTOMATIC MEANS OF MAINTAINING
- THEIR WATER SEALS . 16. SERVICE WATER HEATING SYSTEMS AND EQUIPMENT SHALL COMPLY
- WITH ENERGY EFFICIENCY STANDARDS SEC. 113. 17. SWIMMING POOL AND SPA HEATING SYSTEMS AND EQUIPMENT SHALL
- COMPLY WITH ENERGY EFFICIENCY STANDARDS SEC. 114. 18. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH CPC SEC. 701.0.
- 19. ALL SANITARY SYSTEM MATERIALS SHALL BE LISTED BY AN APPROVED
- 20. CHEMICAL WASTE PIPING SHALL COMPLY WITH CPC SEC. 811.0.

LISTING AGENCY.

- 21. ALL STORAGE WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH AN APPROVED, LISTED EXPANSION TANK OR OTHER DEVICE DESIGNED FOR INTERMITTENT OPERATION FOR THERMAL EXPANSION CONTROL PER CPC SEC. 608.3.
- 22. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT EXCEPT THOSE SPECIFIC ITEMS LISTED IN INFORMATION BULLETIN 103.
- 23. WATER HEATERS SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENTS DUE TO SEISMIC MOTION PER CPC SEC. 510.5.
- 24. MATERIALS EXPOSED WITHIN A DUCT OR PLENUM SHALL COMPLY WITH CMC SEC. 601.1.3.
- 25. CHLORINATED POLYVINYL CHLORIDE (CPVC) SHALL NOT BE USED FOR INTERIOR WATER SUPPLY PIPING PER STATE HEALTH & SAFETY CODE SEC 17921.9.

- 25. GENERAL CONTRACTOR TO VERIFY AND REMOVE/RELOCATE EXISTING SPRINKLER HEADS AND COVERS AS NECESSARY
- 26. ALL REUSED LIGHT FIXTURES TO BE FULLY FUNCTIONING. CONTRACTOR RESPONSIBLE FOR VERIFICATION OF QUANTITY OF LIGHT FIXTURES AVAILABLE FOR RELOCATION.
- 27. SPECIAL INSPECTION FOR POST INSTALLED ANCHORS.
- 28. G.C. SHALL PROVIDE ADEQUATE VERTICAL WOOD BLOCKING WITHIN THE STEEL STUDS AS REQUIRED BY THE CONTRACT DOCUMENTS IN WALLS BEHIND WALL HUNG SHELVING, CABINETS, ETC. ALL BLOCKING AND FURRING SHALL BE FIRE TREATED AS REQUIRED BY BUILDING CODE.
- 29. G.C. TO FURR ALL COLUMNS TO THEIR MINIMUM POSSIBLE DIMENSIONS U.O.N.
- 30. MILLWORK SUBCONTRACTOR TO PROVIDE BLOCKING BEHIND FILES AS REQUIRED TO PREVENT MOVEMENT.
- 31. G.C. THE TENANT SPACE AND FACILITIES MUST BE ACCESSIBLE TO AND FUNCTIONAL FOR THE PHYSICALLY HANDICAPPED.
- 32. ALL REVISIONS TO THE APPROVED PLANS, NO MATTER HOW MINOR, MUST BE APPROVED BY BOTH THE BUILDING INSPEC. DEPARTMENT AND REVIEWED BY IKEDO DESIGN.
- 33. ALL PARTITIONS ARE DIMENSIONED FINISH TO FINISH U.O.N. 34. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF IKEDO
- DESIGN UNLESS OTHERWISE NOTED (+/-). 35. ALL HEIGHTS ARE DIMENSIONED FROM TOP OF EXISTING SLAB UNLESS
- NOTED OTHERWISE. 36. ALL PARTITIONS SHALL BE BRACED ACCORDING TO REQUIREMENTS OF LOCAL SEISMIC CODES. SEE PARTITION DETAILS FOR ADDITIONAL INFORMATION.
- 37. DIMENSIONS TO ENDS OF WALL ARE TO FACE OF GYPSUM BRD.
- 38. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIM.
- 39. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS. IF DISCREPANCIES ARE FOUND, IKEDO DESIGN SHALL BE NOTIFIED IMMEDIATELY.
- 40. CORRIDOR DIMENSIONS ARE TO BE "CLEAR CORRIDOR WIDTHS" ANY ADJUSTMENTS SHALL BE APPROVED BY IKEDO DESIGN. 41. NO CORRIDOR SHALL BE LESS THAN 44" WIDE.
- 42. "TYPICAL" MEANS IDENTICAL FOR ALL SAME CONDITIONS UNLESS OTHERWISE NOTED. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS WITH IKEDO DESIGN.
- 43. "ALIGN" MEANS SIMILAR COMPONENTS OF CONSTRUCTION E.G., WALLS, JAMB, ECT. SHALL ALIGN ACROSS VOID.
- 44. ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING SHALL BE EFFECTIVELY SEALED TO PREVENT SOUND LEAKAGE.
- 45. PARTITIONS SHALL BE CONTINUOUS OVER DOORS SAME AS ADJACENT WALLS WHERE DRYWALL CONTINUES ABOVE CEILING LINE AND BELOW RAISED FLOORS.
- 46. CONSTRUCTION VISIBLE THROUGH SCREEN VENTS AND GRILLS SHALL BE PAINTED FLAT BLACK TO COVER.
- 47. INTERIOR FINISH MUST CONFORM TO THE REQUIREMENTS OF THE CHAPTER 8. 2019 CBC AND ASTM E 84 AND ALL OTHER LOCAL CODES.
- 48. ALL DECORATIVE MATERIALS ARE REQUIREMENTS TO BE MAINTAINED IN A FLAME RETARDANT CONDITION.
- 49. FIRE DAMPER ASSEMBLIES INCLUDING SLEEVES AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.
- 50. ALL MECHANICAL AND PLUMBING CHASES ARE TO EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.
- 51. THE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO IKEDO DESIGN 'S DRAWINGS SHOULD THERE BE ANY DISCREPANCY BETWEEN THE VARIOUS DRAWING IT SHALL BE BROUGHT TO THE ATTENTION OF IKEDO DESIGN FOR CLARIFICATION.
- 52. G.C. SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSTALLATION OF SPECIAL OWNER SUPPLIED EQUIPMENT NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY EQUIPMENT LOCATIONS WITH THE OWNER'S REPRESENTATIVE AND/OR EQUIPMENT MANUFACTURER FOR PROPER SIZE AND LOCATION OF ANY REQUIRED POWER, STRUCTURAL SUPPORT, FOUNDATION DEPRESSIONS, DRAINS AND OR PLUMBING REQUIREMENTS.
- 53. THE G.C IS RESPONSIBLE FOR SECURITY OF THE PROJECT AND FOR DISCIPLINE OF ALL WORKERS ON THE PROJECT.
- 54. SHALL HAVE ON-SITE APPROVED CONSTRUCTION DRAWINGS AND BUILDING PERMIT.

# CLEAN UP:

1. UPON COMPLETION OF THE JOB G.C. SHALL CLEAN ENTIRE AREA, INCLUDING GLASS, CARPET AND ALL OTHER FINISHED SURFACES IN A MANNER ACCEPTABLE TO THE OWNER AND TENANT.

- DEMOLITION, REMODELING, AND PATCHING:
- 1. SCOPE: THE WORK INCLUDES ALL LABOR, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY TO ACCOMPLISH THE DEMOLITION AND PATCHING AS SHOWN AND NOTED ON THE DRAWINGS AND AS SPECIFIED. CERTAIN PATCHING ITEMS MAY NOT BE INDICATED ON THE DRAWINGS BUT MAY BECOME APPARENT AS THE WORK PROCEEDS. THESE ITEMS SHALL BE INCLUDED AS PART OF THE WORK OF THIS PROJECT.
- EXISTING CONDITIONS: THE DRAWINGS SHOW GENERAL INFORMATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE G.C. TO EXAMINE THE SITE TO DETERMINE THE EXACT EXISTING CONDITIONS, CHARACTER, EXTENT OF THE WORK TO BE PERFORMED, AND OPERATIONS REQUIRED.
- THE FAILURE OR OMISSION OF THE G.C. TO VISIT THE SITE AND ACQUAINT HIM/HERSELF WITH THE EXISTING CONDITIONS SHALL IN NO WAY RELIEVE HIM/HER FROM OBLIGATIONS WITH RESPECT TO THIS CONTRACT.
- THE DRAWINGS ARE A DEPICTION OF THE BUILDING BY IKEDO DESIGN. IKEDO DESIGN IS NOT RESPONSIBLE FOR ADDITIONAL PLANS OTHER THAN CONTRACTED BETWEEN PROPERTY OWNER AND IKEDO DESIGN. COPIES OF DRAWINGS SHALL BE ACQUIRED VIA IKEDO DESIGN AND ARE TO BE PAID BY THE REQUESTER.
- 5. THE USE OF PROPER MATERIALS AND EQUIPMENT IS THE RESPONSIBILITY OF THE G.C.
- 6. EXISTING WORK AND ITEMS WHICH ARE REQUIRED TO BE REMOVED SHALL BE REMOVED IN SUCH A MANNER THAT MINIMUM DAMAGE AND DISTURBANCE IS CAUSED TO ADJACENT AND CONNECTION WORK SCHEDULED TO REPAIR. THE G.C. SHALL BE RESPONSIBLE FOR PREPARING AND/ OR REPLACING ALL EXISTING WORK SCHEDULE TO REMAIN WHICH IS DAMAGED BY THESE OPERATIONS.
- 7. DEMOLITION SHALL INCLUDE PREPARATION OF EXISTING AREAS TO RECEIVE NEW MATERIALS AND REMOVAL OF MATERIALS AND EQUIPMENT TO ALTER OR REPAIR THE EXISTING BUILDING AS INDICATED ON THE DRAWINGS AND AS SPECIFIED.
- 8. DEMOLITION WORK SHALL BE PERFORMED BY EXPERIENCED PERSONNEL EXERCISING PROPER CARE TO PREVENT INJURY TO THE PUBLIC, WORKMEN AND ADJOINING PROPERTY. APPROPRIATE SAFETY EQUIPMENT SHOULD BE UTILIZED.
- PERFORM THE REMOVAL, CUTTING, DRILLING, ETC., OF EXISTING WORK WITH EXTREME CARE, AND USING SMALL TOOLS IN ORDER NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING.
- 10. REBUILD ANY EXISTING WORK WHICH HAS TO BE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK AS REQUIRED.
- 11. THE G.C SHALL REMOVE, PROTECT AND REINSTALL EXISTING ITEMS AS INDICATED ON THE DRAWINGS. ANY MATERIAL SCHEDULED FOR REUSE WHICH ARE DAMAGED BY THE G.C. TO THE EXTEND THAT THEY CANNOT BE REUSED SHALL BE REPLACED BY THE G.C. WITH EQUIVALENT QUALITY MATERIALS.
- 12. NO BLASTING OR ON-SITE BURNING WILL BE PERMITTED.
- 13. ALL AREAS REQUIRING PATCHING DUE TO THE WORK OF THIS PROJECT, INCLUDING MARKS FROM RELOCATED WALLS, DAMAGED CAUSED BY REMOVING, RELOCATING, AND/ OR ADDING FIXTURES AND EQUIPMENT, DAMAGED CAUSED BY DEMOLITION AT ADJACENT MATERIALS, ETC. SHALL BE EXPERTLY PATCHED BY JOURNEYMEN EXPERIENCED IN THE TRADE INVOLVED IN THE PATCH WORK.
- 14. EXISTING PERMANENT WALLS WHICH REMAIN SHALL HAVE CONTINUOUS SURFACES WITH NO VISIBLE MARKS FROM PREVIOUS ABUTTING CONSTRUCTION.
- 15. ALL DOORS ARE TO BE SAVED AND REUSED.
- 16. EXISTING FINISHES TO REMAIN SHALL BE REPAIRED TO ORIGINAL CONDITION.
- 17. GENERAL CONTRACTOR TO VERIFY AFTER DEMO WORK CONDITIONS OF UNCOVERED SPACE AND NOTIFY IKEDO DESIGN OF EXISTING CONDITIONS THAT REQUIRE MODIFICATION NOT INDICATED HEREIN.
- 18. THE FOLLOWING ITEMS, BUT NOT LIMITED TO: COLUMNS, STRUCTURAL BRACING, BEAMS, ROOF JOISTS, SPRINKLER LINES AND/OR DRAFTSTOPS WITHIN THE AREA OF THE BUILDING TO REMAIN, SHALL BE PROTECTED AND REMAIN IN GOOD CONDITION . CONTACT IKEDO DESIGN IMMEDIATELY IF SHOWN DEMOLISHED. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION
- 19. GENERAL CONTRACTOR SHALL NOTIFY IKEDO DESIGN OF ANY ITEMS UNCOVERED THAT WERE NOT NOTED IN THE DEMOLITION PLAN THAT MAY HINDER THE FUTURE CONSTRUCTION.
- 20. REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL OUTLETS, PHONE/DATA OUTLETS, PANELS, WIRING TO REMAIN. SAFE OFF ANY LIVE WIRES TO REMAIN.
- 21. CONTRACTOR SHALL INSURE THAT CONSTRUCTION OBSTACLES AND WORK WILL NOT HINDER PEDESTRIAN TRAFFIC AT ANY TIME, ADDITIONALLY, IT SHALL BE YOUR RESPONSIBILITY TO PROVIDE BARRIERS TO ALLOW FOR SAFE ACCESS IN AND AROUND THE CONSTRUCTION AREAS. AREAS OF WORK SHALL BE CLEANED UP ON A DAILY BASIS.
- 22. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CITY. STATE. COUNTY AND FEDERAL REGULATION, CODES AND STANDARDS AND THE BEST PRACTICE OF THE TRADE. IN THE EVENT OF CONFLICT BETWEEN OR AMONG SPECIFIED REQUIREMENTS, PERTINENT REGULATIONS, CODES AND STANDARDS, THE MOST STRINGENT REQUIREMENT WILL GOVERN.
- 23. PRIOR TO ANY SAW CUTTING OR DEMOLITION OF ANY CONCRETE SLAB OR WALLS CONTRACTOR IS RESPONSIBLE FOR VERIFYING TYPE OF CONSTRUCTION OF EXISTING SLAB/ WALL CONDITION.
- 24. CONTRACTOR TO VERIFY NO UNDERGROUND UTILITIES IN AREA OF DEMO/ SAW CUTS.

SHOP DRAWINGS:

- INSTALLATION OF ALL SPECIFICALLY CUSTOM FABRICATED ITEMS.

# SUBSTITUTION:

- 1. G.C. SHALL SUBMIT HIS HAND WRITTEN REQUEST FOR A PROPOSED SUBSTITUTION AND ALL DATA SUBSTANTIATING HIS REQUEST. THE G.C. SHALL INCLUDE SAMPLES OF THE PROPOSED SUBSTITUTION WITH HIS REQUEST.
- 2. NO SUBSTITUTION WILL BE REVIEWED FOR ANY MATERIALS AND/OR ITEM OF MANUFACTURE CALLED FOR IN THE CONTRACT DOCUMENTS WHICH IS NOT OF EQUAL QUALITY AND PERFORMANCE AND WHICH DOES NOT POSSESS EQUIVALENT DESIGN AND/OR COLOR CHARACTERISTICS TO THOSE OF SPECIFIED MATERIAL OR ITEM.

# MECHANICAL NOTES:

- 1. BUILDINGS SHALL BE PROVIDED WITH NATURAL VENTILATION IN ACCORDANCE WITH THE C.M.C.
- SUBMITTAL OF BID INDICATES THE CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
- 3. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC. FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATOIES AND SHALL BEAR THE INSPECTION LABEL WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH THE APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION.
- 5. THE COMPLETED JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF ACCEPTANCE BY THE TENANT. ANY WORK MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE MECHANICAL CONTRACTOR.
- 6. THE MECHANICAL CONTRACTOR SHALL CARRY OUT HIS/HER WORK IN ACCORDANCE WITH ALL GOVERNING FEDERAL, STATE AND LOCAL CODES INCLUDING O.S.H.A..
- 7. INSULATION MATERIAL SHALL MEET THE CALIFORNIA QUALITY STANDARDS PER ENERGY EFFICIENCY STANDARDS SEC. 118.
- 8. DOORS AND WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER ENERGY EFFICIENCY STANDARDS SEC. 116.
- 9. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF ENERGY EFFICIENCY STANDARDS SEC. 118, 123, 124 AND CMC TABLE 6-D AS APPLICABLE.
- 10. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS OF ENERGY EFFICIENCY STANDARDS SEC. 112, 122 AS APPLICABLE
- 12. PERMANENT LADDER/ACCESS TO ROOF MOUNTED EQUIPMENT SHALL COMPLY WITH CMC SEC. 307.
- 13. HVAC EQUIPMENT AND WATER HEATERS SHALL COMPLY WITH CMC CHAP.3.
- 14. MEDIUM PRESSURE GAS PIPING SHALL BE LABELED EVERY FIVE FEET.
- 15. MECHANICAL VENTILATION, WHEN REQUIRED IN RESIDENTIAL BATHROOMS AND LAUNDRY ROOMS AS APPLICABLE PER CBC SEC. 1203.3, SHALL PROVIDE A MINIMUM OF FIVE AIR CHANGES PER HOUR AND BE ROUTED TO THE EXTERIOR.
- 16. MECHANICAL CONTRACTOR TO VERIFY ANY SPECIAL LOAD REQUIREMENTS FOR ANY TENANT EQUIPMENT.
- 17. MECHANICAL CONTRACTOR TO LOCATE THERMOSTATIC CONTROLS, VERIFY LOCATION OF THERMOSTATS WITH TENANT PRIOR TO INSTALLATION.
- 18. MECHANICAL VENTILATION WILL BE PROVIDED IN ALL ROOMS CAPABLE OF SUPPLYING OUTSIDE AIR, PER CMC.
- 19. SEE MECHANICAL ENGINEER'S DRAWINGS FOR THERMOSTAT LOCATIONS, VERIFY LOCATIONS WITH IKEDO DESIGN BEFORE INSTALLATION. MOUNT ALL THERMOSTATS 48" A.F.F. NEXT TO LIGHT SWITCH U.N.O.
- 20. THE ENGINEER OR RECORD OR THE DESIGN BUILD ENGINEER IS **RESPONSIBLE FOR REVIEWING EXISTING HVAC EQUIPMENT INCLUDING** BUT NOT LIMITED TO DUCTWORK, T-STATS, UNITS, FIRE DAMPERS, ETC; TO DETERMINE IF ANY OR ALL CAN BE RE-USED PER THE NEW REFLECTED CEILING PLAN.
- 21. BUILDING OWNER'S MECHANICAL ENGINEERS SHALL DETERMINE THE SIZE, QUANTITY AND LOCATION OF OPENINGS NECESSARY FOR RETURN AIR IN ROOMS OR AREAS WHICH ARE COMPLETELY ENCLOSED BY SOUND BAFFLES OR PARTITIONS.

# 1. THE TERM "SHOP DRAWINGS" AS USED HEREIN INCLUDES METHOD OF FABRICATION AND CONSTRUCTION, DESCRIPTION OF MATERIALS AND,

. SHALL SUBMIT (3) COPIES OF SHOP DRAWINGS AND DESCRIPTIVE DATA FOR THE APPROVAL TO IKEDO DESIGN. ANY MATERIALS OR PRODUCTS INSTALLED WITHOUT SUCH SUBMITTALS ARE SUBJECT TO BEING REMOVED AND CORRECTED AT FULL COST TO CONTRACTOR.

11. SMOKE DETECTORS SHALL BE PROVIDED AT SUPPLY AIR DUCTS OF AIR MOVING SYSTEMS EXCEEDING 2000 CFM PER CMC SEC. 608.

- 21. G.C. SHALL PROTECT ALL BASE BUILDING FINISHES IN THE LOBBIES, ELEVATORS, AND PUBLIC CORRIDORS AND SHALL BE RESPONSIBLE FOR REPAIRING DAMAGES MADE BY HIS EMPLOYEES OR AND SUBCONTRACTORS AT NO COST TO THE OWNER.
- 22. ALL MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK SHALL BE NEW AND ALL WORK SHALL BE GOOD QUALITY, FREE FROM FAULTS AND IN CONFORMANCE WITH THE PLANS.
- 23. ALL PRODUCTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. G.C.'S SUBCONTRACTOR SHALL PROVIDE ALL ACCESSORIES AND LABOR TO INSTALL SUCH WORK.
- 24. IN AREAS WHERE NEW AND EXISTING WORK INTERSECT, PATCHING OF EXISTING SURFACES WILL BE REQUIRED TO MATCH EXISTING UNLESS OTHERWISE INSTRUCTED BY IKEDO DESIGN.
- 25. G.C SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY HIS OPERATION.
- 26. ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED AND SANDED SMOOTH WITH NO VISIBLE JOINTS.
- 27. SPECIAL INSPECTION FOR POST INSTALLED ANCHORS
- 28. G.C. SHALL PROVIDE ADEQUATE VERTICAL WOOD BLOCKING WITHIN THE STEEL STUDS AS REQUIRED BY THE CONTRACT DOCUMENTS IN WALLS BEHIND WALL HUNG SHELVING, CABINETS, ETC. ALL BLOCKING AND FURRING SHALL BE FIRE TREATED AS REQUIRED BY BUILDING CODE. 29. G.C. TO FURR ALL COLUMNS TO THEIR MINIMUM POSSIBLE DIMENSIONS U.O.N.
- 30. MILLWORK SUBCONTRACTOR TO PROVIDE BLOCKING BEHIND FILES AS REQUIRED TO PREVENT MOVEMENT.
- 31. G.C. THE TENANT SPACE AND FACILITIES MUST BE ACCESSIBLE TO AND FUNCTIONAL FOR THE PHYSICALLY HANDICAPPED.
- 32. ALL REVISIONS TO THE APPROVED PLANS, NO MATTER HOW MINOR, MUST BE APPROVED BY BOTH THE BUILDING INSPEC. DEPARTMENT AND REVIEWED BY IKEDO DESIGN.
- ALL PARTITIONS ARE DIMENSIONED FINISH TO FINISH U.O.N..
- 34. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF IKEDO DESIGN UNLESS OTHERWISE NOTED (+/-).
- 35. ALL HEIGHTS ARE DIMENSIONED FROM TOP OF EXISTING SLAB UNLESS NOTED OTHERWISE.
- 36. ALL PARTITIONS SHALL BE BRACED ACCORDING TO REQUIREMENTS OF LOCAL SEISMIC CODES. SEE PARTITION DETAILS FOR ADDITIONAL INFORMATION.
- DIMENSIONS TO ENDS OF WALL ARE TO FACE OF GYPSUM BRD.
- 38. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIM.
- 39. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS. IF DISCREPANCIES ARE FOUND, IKEDO DESIGN SHALL BE NOTIFIED IMMEDIATELY.
- 40. CORRIDOR DIMENSIONS ARE TO BE "CLEAR CORRIDOR WIDTHS" ANY ADJUSTMENTS SHALL BE APPROVED BY IKEDO DESIGN.
- 41. NO CORRIDOR SHALL BE LESS THAN 44" WIDE.
- 42. "TYPICAL" MEANS IDENTICAL FOR ALL SAME CONDITIONS UNLESS OTHERWISE NOTED. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS WITH IKEDO DESIGN.
- 43. "ALIGN" MEANS SIMILAR COMPONENTS OF CONSTRUCTION E.G., WALLS, JAMB, ECT. SHALL ALIGN ACROSS VOID.
- 44. ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING SHALL BE EFFECTIVELY SEALED TO PREVENT SOUND LEAKAGE.
- 45. PARTITIONS SHALL BE CONTINUOUS OVER DOORS SAME AS ADJACENT WALLS WHERE DRYWALL CONTINUES ABOVE CEILING LINE AND BELOW RAISED FLOORS.
- 46. CONSTRUCTION VISIBLE THROUGH SCREEN VENTS AND GRILLS SHALL BE PAINTED FLAT BLACK TO COVER.
- 47. INTERIOR FINISH MUST CONFORM TO THE REQUIREMENTS OF THE CHAPTER 8, 2019 CBC AND ASTM E 84 AND ALL OTHER LOCAL CODES. 48. ALL DECORATIVE MATERIALS ARE REQUIREMENTS TO BE MAINTAINED IN
- A FLAME RETARDANT CONDITION.
- 49. FIRE DAMPER ASSEMBLIES INCLUDING SLEEVES AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.
- 50. ALL MECHANICAL AND PLUMBING CHASES ARE TO EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.
- 51. THE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO IKEDO DESIGN 'S DRAWINGS SHOULD THERE BE ANY DISCREPANCY BETWEEN THE VARIOUS DRAWING IT SHALL BE BROUGHT TO THE ATTENTION OF IKEDO DESIGN FOR CLARIFICATION.
- 49. G.C. SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSTALLATION OF SPECIAL OWNER SUPPLIED EQUIPMENT NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY EQUIPMENT
- LOCATIONS WITH THE OWNER'S REPRESENTATIVE AND/OR EQUIPMENT MANUFACTURER FOR PROPER SIZE AND LOCATION OF ANY REQUIRED POWER, STRUCTURAL SUPPORT, FOUNDATION DEPRESSIONS, DRAINS AND OR PLUMBING REQUIREMENTS.
- 50. THE G.C IS RESPONSIBLE FOR SECURITY OF THE PROJECT AND FOR DISCIPLINE OF ALL WORKERS ON THE PROJECT.
- 51. SHALL HAVE ON-SITE APPROVED CONSTRUCTION DRAWINGS AND BUILDING PERMIT

GENERAL CONSTRUCTION:

- ALL PLANS, DESIGNS AND ART ILLUSTRATED ON THESE DRAWINGS ARE PROPRIETARY IN NATURE AND ARE DISCLOSED FOR THE LIMITED PURPOSE FOR WHICH THEY WERE DELIVERED AND MAY NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION OF IKEDO DESIGN. (ALL RIGHTS RESERVED)
- NOTICE TO THE APPLICANT/ OWNER/ OWNER'S AGENT/ ARCHITECT OR ENGINEER OF RECORD: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/ INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS. STRUCTURAL OBSERVATIONS. CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODE.
- THE SPECIAL INSPECTOR MUST BE CERTIFIED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
- NOTICE TO THE CONTRACTOR/ BUILDER/ INSTALLER/ SUB-CONTRACTOR OWNER-BUILDER: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/ INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF, THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF - SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODE.
- ABBREVIATIONS USED ARE CONSIDERED CONSTRUCTION STANDARDS. ANY QUESTIONS REGARDING EXACT MEANINGS ARE TO BE ANSWERED BY IKEDO DESIGN.
- GENERAL CONTRACTOR (G.C.) SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN ACCORDANCE WITH ALL LOCAL REGULATORY AGENCIES, APPLICABLE BUILDING CODES AND REQUIREMENTS. ALL WORK SHALL BE COMPLETED IN A TIMELY AND WORKMANLIKE MANNER.
- 7. G.C. IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF WORK, THE REQUESTING AND COORDINATION OF BUILDING DEPARTMENT INSPECTIONS AND APPROVALS IN ALL FIELDS OF HIS WORK, AND THE OBTAINING OF A FINAL CERTIFICATE OR ANTICIPATED BY SUCH AN INSPECTION.
- 8. G.C. SHALL INSPECT SITE BEFORE SUBMITTING PROPOSALS FOR THIS WORK AND UNDERSTAND THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. NO EXTRA PAYMENT WILL BE ALLOWED FOR CLAIMS FOR ADDITIONAL WORK THAT COULD HAVE BEEN DETERMINED OR ANTICIPATED BY SUCH AN INSPECTION.
- 9. THE G.C. IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION OR ORDERING MATERIALS, IF THERE ARE ANY QUESTIONS OR DIFFERENCES FOUND REGARDING THESE OR OTHER COORDINATION QUESTIONS. THE G.C. IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM IKEDO DESIGN BEFORE PROCEEDING WITH WORK OR RELATED WORK IN QUESTIONS. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCES BETWEEN ACTUAL DIMENSIONS OF WORK AND MEASUREMENTS INDICATED ON THE DRAWING.
- 10. IS THE RESPONSIBILITY OF THE SUB-CONTRACTORS TO VERIFY ALL PLANS & DETAILS PRIOR TO BIDING & CONSTRUCTION. IF THERE IS A DISCREPANCY ON THE PLANS OR PERMITTED PLANS CONTACT IKEDO DESIGN.
- 11. G.C. SHALL INFORM IKEDO DESIGN OF ANY CONFLICTS PRIOR TO CONSTRUCTION THAT EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT (TO INCLUDE ALL PIPING, DUCT WORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCE FOR INSTALLATION AND MAINTENANCE OF ABOVE EQUIPMENT ARE PROVIDED
- 12. G.C AND SUB-CONTRACTORS SHALL PURCHASE AND MAINTAIN CERTIFICATIONS OF INSURANCE WITH RESPECT TO WORKMAN'S COMPENSATION. PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE LIMITS REQUIRED BY LAW. THE G.C. SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
- 13. ALL TEMPORARY UTILITIES REQUIRED TO PERFORM THE WORK SHALL BE PROVIDED BY THE CONTRACTOR.
- 14. EACH TRADE WILL BE HELD RESPONSIBLE FOR KNOWLEDGE OF GENERAL NOTES LISTED HEREIN/ ELSEWHERE WITHIN THE CONTRACT DOCUMENTS.
- 15. G.C SHALL BE RESPONSIBLE FOR THE ACTS AND OMISSIONS OF ALL HIS EMPLOYEES AND SUBCONTRACTORS, AND SHALL SUPERVISE THE WORK AND COORDINATE ALL PORTIONS THEREOF.
- 16. ALL WORK SHALL BE SCHEDULED AND PERFORMED SO AS NOT TO DISTURB OR CAUSE DAMAGE TO ANY TENANT IN THE BUILDING, THE G.C. IS RESPONSIBLE FOR ANY AND ALL OVERTIME COSTS.
- 17. ALL WORK SPECIFICALLY COVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH BUILDING STANDARD MATERIALS AND MATERIALS.
- 18. UPON SUBMITTAL OF CONSTRUCTION COST, THE G.C. SHALL ALSO SUBMIT A SCHEDULE OF VALUES AND A SPECIFIC CONSTRUCTION SCHEDULE INDICATING THE REQUIRED CONSTRUCTION TIME FOR ALL SUBCONTRACTORS AND G.C.'S WORK.
- 19. WILL COORDINATE ANY OVERTIME DEMOLITION, CUTTING AND RUBBISH REMOVAL WITH BUILDING PERSONNEL.
- 20. NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF THE DRAWINGS OR NOTES WILL BE ACCEPTABLE IN CONSEQUENCE OF THE OWNER'S OR IKEDO DESIGN'S FAILURE TO DISCOVER OR POINT OUT DEFECTS AND DEFICIENCIES DURING CONSTRUCTION. DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH THE INTENT OF THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK AND IMPROPER MATERIALS.



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THIS PERMIT APPLICATION SET OF DRAWINGS AF NTENDED FOR BUILDING DEPARTMENT REVIEW ON REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

GENERAL NOTES

56. OPEN FLAMES, FIRE, AND BURNING ON ALL PREMISES IS PROHIBITED EXCEPT AS SPECIFICALLY PERMITTED BY THE CITY OF SAN DIEGO AND CFC 308. 57. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.

2. FOR SPRINKLERED BUILDINGS, PREVENT IRRIGATION SPRAY ON STRUCTURES.

# 53. KEY BOXES SHALL BE PROVIDED FOR ALL HIGH-RISE BUILDINGS. POOL ENCLOSURES. GATES IN THE PATH OF FIREFIGHTER TRAVEL TO STRUCTURES. SECURED PARKING LEVELS, DOORS GIVING ACCESS TO ALARM PANELS AND/ OR ANNUNCIATORS, AND

ANY OTHER STRUCTURES OR AREAS WHERE ACCESS TO AN AREA IS RESTRICTED.

54. DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER SYSTEM OR LOCATED IN A TYPE I OR TYPE IIA STRUCTURE SEPARATED BY 10 FEET FROM OTHER STRUCTURES. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE OF NON- OR LIMITED-COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. CFC 304.3

55. EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL.

GREEN BUILDING STANDARDS CODE (CALGREEN) REQUIREMENTS

THE NON-RESIDENTIAL REQUIREMENTS OF THE CALIFORNIA GREEN BUILDING CODE APPLIES TO ALL NEW NON-RESIDENTIAL CONSTRUCTION INCLUDING HIGH RISE BUILDINGS, ADDITIONS OF 1000 SQUARE FEET OR GREATER, AND/OR BUILDING ALTERATIONS WITH A PERMIT VALUATION OF \$200,000 OR ABOVE. NON RESIDENTIAL BUILDING INCLUDES ALL OCCUPANCIES THAT ARE WITHIN THE AUTHORITY OF THE CALIFORNIA BUILDING STANDARD COMMISSION.

PLEASE NOTE "CALGREEN" REQUIREMENTS FOR BUILDING ADDITIONS OR ALTERATIONS SHALL APPLY ONLY TO THE PORTION THAT IS BEING ALTERED OR ADDFD.

3. ADHESIVES, SEALANTS, CAULKS. ADHESIVES AND SEALANTS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS. (SECTION 5.504.4.1 OF CAL GREEN) ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS, AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.1 OF CALGREEN. (SEC. 5.504.4.1)

4. A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT MATERIAL HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR.

5. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, TITLE 17, COMMENCING WITH SECTION 94507.

6. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH TABLE 5.504.4.2 UNLESS MORE STRINGENT LOCAL LIMITS APPLY (SECTION 5.504.3 OF CALGREEN)

7. AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(3) AND OTHER REQUIREMENTS. INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES (CCR, TITLE 17, SECTION 94520 ET SEQ). (SECTION 5.504.4.3.1 OF CALGREEN)

8. A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT PAINT HAS BEEN USED AND ITS COMPLIANCE WITH THE COD MUST BE SUBMITTED TO THE BUILDING INSPECTOR.

9. ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM. 10. AT LEAST 80% OF THE FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET ONE

OF THE FOLLOWING CRITERIA: 1) CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAM

2) COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION CHAMBERS, VERSION 1.1, FEBRUARY

3) COMPLIANT WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE.

4) COMPLIANT WITH CDPH CRITERIA AS CERTIFIES UNDER THE GREENGUARD CHILDREN'S & SCHOOL PROGRAM

11. PROHIBIT SMOKING WITHIN 25 FT OF BUILDING ENTRIES, OUTDOOR AIR INTAKES AND OPERABLE WINDOWS WHERE OUTDOOR AREAS ARE PROVIDED FOR SMOKING, AND IN BUILDINGS. SHOW NO SMOKING AREA BY SIGNAGE OR OTHERWISE IN THOSE SPECIFIC AREA OUTLINED ABOVE.

12. COMPLY WITH SECTIONS 5.106.4.1 OR 5.106.4.2; OR MEET LOCAL ORDINANCE, WHICHEVER IS STRICTER.

- 5.106.4.1: IF THE PROJECT IS ANTICIPATED TO GENERATE VISITOR TRAFFIC, PROVIDE PERMANENTLY ANCHORED BICYCLE RACKS WITHIN 200 FEET OF THE VISITORS ENTRANCE. READILY VISIBLE TO PASSERS-BY, FOR 5% OF VISITOR MOTORIZED VEHICLE PARKING CAPACITY, WITH A MINIMUM OF ONE TWO-BIKE CAPACITY RACK.
- 5.106.4.2: FOR BUILDINGS WITH OVER 10 TENANT-OCCUPANTS, PROVIDE SECURE BICYCLE PARKING FOR 5 PERCENT OF MOTORIZED VEHICLE PARKING CAPACITY, WITH A MINIMUM OF ONE SPACE. ACCEPTABLE PARKING FACILITIES SHALL BE CONVENIENT FROM THE STREET AND MAY INCLUDE:
- 1. COVERED, LOCKABLE ENCLOSURES WITH PERMANENTLY ANCHORED RACKS FOR BICYCLES;

2. LOCKABLE BICYCLE ROOMS WITH PERMANENTLY ANCHORED RACKS;

3. AND LOCKABLE, PERMANENTLY ANCHORED BICYCLE LOCKERS.

- 29. A SODIUM BICARBONATE OR POTASSIUM BICARBONATE DRY-CHEMICAL-TYPE PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 40-B SHALL BE INSTALLED WITHIN 30 FEET OF COMMERCIAL FOOD HEATING PROCESSING EQUIPMENT. (CFC)
- 30. SEPARATE PLAN FOR ALL FIXED AND MOBILE FIRE PROTECTION EQUIPMENT, AND ALL FIRE ALARM SYSTEM SHALL BE SUBMITTED TO THE FIRE MARSHALL FOR APPROVAL PRIOR TO INSTALLATION. ALL REQUIRED PERMITS MUST BE OBTAINED FROM THE FIRE PREVENTION BUREAU BEFORE THE BUILDING IS OCCUPIED.
- 31. PROVIDE EXTERIOR DOOR SIGN STATING "FIRE RISER ROOM".
- 32. ALARM LOCKS AND PANIC HARDWARE SHALL BE APPROVED BY THE CITY INSPECTOR OR FIRE MARSHALL
- 33. WHERE PANIC OR FIRE EXIT HARDWARE IS INSTALLED, INSTALL 34" MIN. AND 44" MAX. A.F.F. (CBC 2019, SEC.1008.1.9.2).
- 34. THE PATH OF EXIT TRAVEL TO AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF 2019 CBC SEC. 1011 AND AS NOTED BELOW:
- A. EXIT SIGN SHALL BE LOCATED TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. (CBC 2019, SEC. 1011.1)
- B. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN THE EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET OR THE LISTED VIEWING DISTANCE FOR THE SIGN. WHICHEVER IS LESS. FROM THE NEAREST VISIBLE EXIT SIGN. (CBC 2019, SEC. 1011.1)
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL POWER SYSTEM (STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR SET) OR AN APPROVED SELF ILLUMINATIONS SYSTEM THAT PROVIDES CONTINUOUS ILLUMINATION INDEPENDENT OF THE EXTERNAL POWER SOURCES FOR A DURATION OF NOT LESS THAN 90 MIN, IN CASE OF POWER LOSS, TO ENSURE THAT EXIT SIGN ARE ILLUMINATED AT ALL TIMES. (2019 CBC SEC. 1011.6.3)
- . EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THEN 5 FOOT CANDLES (54lx). INTERNALLY ILLUMINATED SIGNS SHALL PROVIDE EQUIVALENT LUMINANCE AND SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND 2019 CBC CHAPTER 27. (2019 CBC SEC. 1011.6, 1011.5)
- 35. ANY TIME A BUILDING OR PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (77 LUX) AT THE FLOOR LEVEL." PER 2019 CBC SEC. 1006.1, 1006.2.
- 36. REFER TO SITE PLAN FOR ROUTE OF ACCESSIBILITY FROM MAIN ENTRANCE TO ACCESSIBLE PARKING.
- 37. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-6", PER 2019 CBC, SECTION 1003.2.
- 38. FIRE AND/OR SMOKE DAMPER ASSEMBLIES, INCLUDING SLEEVES, AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE INSPECTION SERVICES DIVISION PRIOR TO INSTALLATION.
- 39. ELEVATOR DOORS MUST BE INSTALLED IN ACCORDANCE WITH THE APPROVAL ON THE AFFIXED FIRE RESISTANCE APPROVAL LABEL. WHERE ELEVATOR DOORS ARE NOT IDENTIFIED WITH APPROVED LABELS, THEY MUST BE INSTALLED IN THE SAME MANNER AS A HOUR FIRE ASSEMBLY.
- 40. REFER TO ELECTRICAL ENGINEER'S DRAWINGS FOR LOCATION OF EXIT LIGHTS AND OTHER LIFE SAFETY EQUIPMENT. VERIFY LOCATIONS WITH IKEDO DESIGN BEFORE INSTALLATION.
- 41. OFFICE AREA: 2AIOBC WITH MAXIMUM TRAVEL DISTANCE OF 75'
- 42. RETAIL SALES FLOOR AND NON-HPS STORAGE ROOMS: 3A40BC WITH MAXIMUM TRAVEL DISTANCE OF 75'
- 43. 4A60BC WITH MAXIMUM TRAVEL DISTANCE OF 50'.
- 44. THERE IS A LEVEL FLOOR OR LANDING ON EACH SIDE OF ALL DOORS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" (19.1 MM) IN HEIGHT ABOVE THE FINISHED FLOOR OR LANDING FOR SLIDING DOORS SEVING DWELLING UNITS OR 1/2" (12.7 MM) ABOVE THE FINISHED FLOOR FOR OTHER DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATHER THAN 1/4" (6.4 MM) AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50% SLOPE). (2019 CBC SEC. 1008.1.7)
- 45. RELOCATE AND/OR ADD SPRINKLER HEADS AS REQUIRED TO COMPLY WITH ALL APPLICABLE CODES.
- 46. AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED TO PROTECT COMMERCIAL TYPE FOOD HEATING EQUIPMENT THAT PRODUCE - LADEN VAPORS AND SHALL COMPLY WITH 2019 CFC, AMC AND 2002 NFPA 17A. REVIEW AND APPROVAL OF A HOOD AND DUCT EXTINGUISHING SYSTEM PLAN IS REQUIRED PRIOR TO INSTALLATION OR USE OF COOKING EQUIPMENT.
- 47. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906 AND CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 19.
- 48. DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY, IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC SECTION 3315.1.
- 49. IN BUILDINGS THAT REQUIRE STANDPIPES, STANDPIPES SHALL BE PROVIDED DURING CONSTRUCTION WHEN THE HEIGHT REACHES 40 FT. ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS. A FIRE DEPARTMENT CONNECTION SHALL BE NO MORE TTHAN 100 FT. FROM AVAILABLE FIRE DEPARTMENT VEHICLE ACCESS ROADWAYS. CFC SECTIONS 3310, 3313
- 50. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33. WELDING, CUTTING, AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.
- 51. ADDRESS IDENTIFICATION SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS IN A LOCATION THAT IS PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. WHERE ACCESS IS BY WAY OF A PRIVATE ROAD AND THE BUILDING ADDRESS CANNOT BE VIEWED FROM THE PUBLIC WAY. AN APPROVED SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. PREMISES IDENTIFICATION SHALL CONFORM TO CBC SECTION 501.2.
- 52. WALL, FLOOR AND CEILING FINISHES AND MATERIALS SHALL NOT EXCEED THE INTERIOR FINISH CLASSIFICATIONS IN CBC TABLE 803.11 AND SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 19, DIVISION 1. DECORATIVE MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL WITH APPROPRIATE DOCUMENTATION PROVIDED TO THE CITY OF SAN DIEGO.

FIRE EXTINGUISHER & EXIT NOTES:

- 1. (IF REQUIRED) COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS; (CFC 901.2)
- APPROVAL PRIOR TO INSTALLATION. (CFC 907.1.1)
- (CFC)
- 803.1.1 OR 803.1.2 AND TABLE 803.9.
- THE FIRE PREVENTION BUREAU BEFORE THIS EQUIPMENT IS INSTALLED.

INSTALLATION

- THE BUSINESS ADDRESS.
- PROHIBITED
- TO ALL PROVISIONS OF CHAPTER 10
- IN ACCORDANCE WITH (CFC).
- WHERE THE NUMBER OF SPRINKLERS IS 20 OR MORE.
- IN ACCORDANCE WITH 2019 CFC- CHAPTER 14.
- ACCORDANCE WITH SEC. 906.3.1 AND 906.3.4.
- INSTALLATION. (2019 CFC SEC. 907)
- CBC SEC. 906.
- NOTIFICATION IS REQUIRED IN THE TENANT SPACE.
- 20. FIRE ALARM AND DETECTION SYSTEMS SHALL BE IN ACCORDANCE WITH 2019 CFC SEC. 907.
- CFC SEC. 906.)
- 1410.1)
- 23. FIRE DEPARTMENT INSPECTIONS MUST BE SCHEDULE 48 HOURS IN ADVANCED. THE HANDLE.
- CONTINUE PLACEMENT THROUGHOUT THE FACILITY, NOT EXCEEDING THE PRESCRIBED TRAVEL DISTANCE.
- AT THE DIRECTION OF THE FIRE INSPECTOR. ELEMENT OF FIRE RATED CORRIDOR WALLS SHALL BE PROTECTED WITH A FIRE
- DAMPERS PER 2019 CBC SEC. 717.

FIRE- EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLERS AND WET AND DRY STANDPIPES; HALON SYSTEMS AND OTHER SPECIAL TYPES OF AUTOMATIC FIRE EXTINGUISHING SYSTEMS; BASEMENT PIPES INLETS; AND OTHER FIRE PROTECTION SYSTEMS AND APPURTENANCES THEREOF SHALL BE SUBMITTED TO FIRE AND LIFE SAFETY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

2. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED TO THE CITY OF SAN DIEGO DEVELOPMENT SERVICES FOR REVIEW AND

# APPROVED AUTOMATIC FIRE-EXTINGUISHING SYSTEMS SHALL BE PROVIDED FOR THE PROTECTION FOR THESE SYSTEMS SHALL BE SUBMITTED TO FIR PLAN CHECK REVIEW AND APPROVAL PRIOR TO INSTALLATION. (CFC)

4. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLERS SYSTEMS AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLERS IS 100 OR MORE.

5. INSTALLATION OF FIRE ALARM SYSTEMS SHALL BE IN ACCORDANCE WITH CFC. 6. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED FOR FIRE PERFORMANCE AND SMOKE DEVELOPMENT IN ACCORDANCE WITH 2019 CBC SEC.

7. FIRE OR SMOKE DAMPERS ASSEMBLIES, INCLUDING SLEEVES AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO

# PLANS FOR ALL FIXED FIRE PROTECTION EQUIPMENT SUCH AS STANDPIPES. SPRINKLER SYSTEM AND FIRE ALARM MUST BE SUBMITTED TO AND APPROVED BY

9. ONE-HOUR FIRE-RATED CORRIDORS SHALL HAVE DOOR OPENINGS PROTECTED BY TIGHT-FITTING SMOKE AND DRAFT CONTROL ASSEMBLIES RATED 20 MINUTES. DOORS SHALL MAINTAINED SELF-CLOSING OR BE AUTOMATIC-CLOSING BY ACTION OF A SMOKE DETECTOR. DOORS SHALL BE GASKETED TO PROVIDE A SMOKE AND DRAFT SEAL WHERE THE DOOR. ALL CIRCUIT BREAKERS SHALL BE LABELED TO CLEARLY MEET THE STOP ON SIDES AND TOP. INDICATE AREAS SERVED. THE MAIN ELECTRICAL SHUT-OFF SHALL BE IDENTIFIED WITH EITHER THE BUSINESS NAME OR

# 10. GOOD HOUSEKEEPING SHALL BE MAINTAINED AT ALL TIMES. EXCESSIVE ACCUMULATION OF COMBUSTIBLE WASTE MATERIALS IN THE BUILDING IS

# 11. WHEN ADDITIONAL DOORS ARE PROVIDED FOR EGRESS OF COMMERCIAL-TYPE COOKING EQUIPMENT. SEPARATED COMPLETE PURPOSES, THEY SHALL CONFORM

12. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE

# 13. PLANS FOR ALL FIXED FIRE PROTECTION EQUIPMENT SUCH AS STANDPIPES, SPRINKLER SYSTEMS AND FIRE ALARM SYSTEMS, MUST BE SUBMITTED TO AND APPROVED BY THE FIRE PREVENTION BUREAU BEFORE EQUIPMENT IS INSTALLED

14. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE

# 15. DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDANT CONDITION. (CAL CODE REGS., TIT. 19, SEC. 3.08, 3.21, 2019 CFC SEC. 807)

16. THE SIZE AND DISTRIBUTION OF PORTABLE FIRE EXTINGUISHERS SHALL BE IN 17. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS;

# FIRE-EXTINGUISHING SYSTEMS, INCLUDING AUTOMATIC SPRINKLERS AND WET & DRY STANDPIPES; HALON SYSTEMS AND OTHER SPECIAL TYPES OF AUTOMATIC FIR -EXTINGUISHING SYSTEMS; BASEMENT PIPE INLETS; AND OTHER FIRE-PROTECTION SYSTEMS AND APPURTENANCES THERETO SHALL BE SUBMITTED TO FIRE AND HAZARD PREVENTION SERVICES FOR REVIEW AND APPROVAL PRIOR TO

18. FIRE-EXTINGUISHING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH 2019

# 19. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS, PUMPS, TANKS, WATER LEVELS AND TEMPERATURES, CRITICAL AIR PRESSURES AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE

ELECTRONICALLY SUPERVISED BY A LISTED FIRE ALARM CONTROL UNIT WHERE THE NUMBER OF SPRINKLERS IS 20 OR MORE. (UBC/2019 CBC SEC. 903.4) WATER FLOW

# 21. AT LEAST ONE FIRE EXTINGUISHER WITH A MINIMUM RATING OF 4-A-20BC SHALL BE PROVIDED OUTSIDE EACH MECHANICAL, ELECTRICAL, OR BOILER ROOM. (2019

22. REQUIRED ACCESS APPROVED VEHICLE ACCESS FOR FIRE FIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES. VEHICLE ACCESS SHALL BE PROVIDED TO WITHIN 100 FEET (30,480 MM) OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS. VEHICLE ACCESS SHALL BE PROVIDED BY EITHER

# TEMPORARY OR PERMANENT ROADS, CAPABLE OF SUPPORTING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. VEHICLE ACCESS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS ARE AVAILABLE. (2019 CFC, SECTION

24. FIRE EXTINGUISHERS MUST BE INSTALLED IN A VISIBLE AND ACCESSIBLE MANNER NOT LESS THAN 4" FROM THE BOTTOM, AND 40" A.F.F. (ABOVE FLOOR FINISH) TO

# 25. START PLACEMENT OF ALL FIRE EXTINGUISHERS AT THE EXTERIOR EXIT DOORS.

SIGNAGE DIRECTION OCCUPANTS TO THE FIRE EXTINGUISHERS MAY BE REQUIRED,

# 27. DUCT PENETRATIONS AND AIR TRANSFER OPENINGS THROUGH PROTECTIVE

28. WHERE THE FIRE EXTINGUISHER IS NOTED ON OFFICE AREAS PROVIDE A SEMI-RECESSED CABINET OR FULLY RECESSED CABINET BASED ON WALL THICKNESS.

PROVIDE A SURFACE MOUNTED CABINET WHERE FIRE EXTINGUISHER IS NOTED ON

PLANS AGAINST A CONCRETE WALL OR IN BACK AREAS.

# **30.** GREASE TRAP TO BE LOCATED OUTSIDE THE FOOD SERVICE ACTIVITY AREA, FLUSH WITH THE FINISHED FLOOR WHEN INDOORS. LOCAL WASTEWATER DISTRICT OR BUILDING DEPARTMENT TO BE CONTRACTED FOR GREASE REMOVAL REQUIREMENTS.

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

- 2. EXHAUST A MIN. OF 12 AIR CHANGES PER HOUR VENTILATION TO ALL TOILET ROOMS, JANITOR CLOSETS WITH MOP SINKS, AND INDOOR TRASH ROOMS.
- ADEQUATE VENTILATION TO BE PROVIDED IN DRESSING/ CHANGE ROOM(S).
- 34. THE FLOOR FINISH WILL HAVE A SMOOTH SURFACE UNDER ALL EQUIPMENT AND WALKWAYS WILL HAVE A LIGHT TEXTURE ONLY.
- 35. THE PAINT USED ON WALLS AND CEILINGS OF ALL KITCHEN, FOOD PREPARATION, WORK, AND STORAGE AREAS WILL BE A GLOSS OR SEMI-GLOSS ENAMEL. FINISH MATERIAL SHALL BE LIGHT COLOR IN FOOD PREP AREAS FOR EASY CLEANING.
- 36. PRIOR TO INSTALLATION, SAMPLES OF FINISHED TO BE SUBMITTED TO ENVIRONMENTAL HEALTH FOR APPROVAL AS NEEDED.
- 7. 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 SHELVING TO BE AT LEAST 8" HIGH.
- 38. BACKUP DRY STORAGE SHELVING SHALL BE A MINIMUM OF 96 LINEAR FEET (MEASURED WITH TIERS) OR 25% OF KITCHEN, FOOD PREP, AND WORK AREAS, WHICHEVER IS GREATER. SHELVING SHALL BE AT LEAST 18" DEEP AND START A MINIMUM SIX INCHES OFF THE SURFACE.
- 39. SHELVING OVER WET AREAS (SINKS, MOP SINKS ETC.) AND FOOD PREP SURFACES WILL BE METAL.
- 40. ALL SEAMS, GAPS, OPENINGS TO BE PROPERLY SEALED.

ENVIRONMENTAL HEALTH NOTES:

- A CONCRETE SLAB IS PROVIDED FOR TRASH, GARBAGE, & GREASE CONTAINER. IF WALLS ENCLOSE AREA, THE INTERIOR WALL SURFACE WILL BE SMOOTH, SEALED & WASHABLE (e.g., PLASTERED SMOOTH & PAINTED, ETC.)
- ALL FOOD-RELATED & UTENSIL-RELATED EQUIPMENT SHALL MEET OR BE EQUIVALENT TO SANITATION STANDARDS ESTABLISHED BY AN AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)ACCREDITED PROGRAM.
- . ALL FLOOR MOUNTED EQUIPMENT WILL BE INSTALLED ON MIN. 6" SANITARY LEGS, CASTORS, OR COMPLETELY SEALED IN POSITION ON A 4" HIGH CURB WITH CONTINUOUSLY COVED BASE. COUNTERTOP EQUIPMENT WILL BE ON 4" SANITARY LEGS OR SEALED TO THE COUNTER UNLESS READILY MOVABLE.
- 4. IF SOFT DRINK, ICE OR OTHER DISPENSERS ARE SELF-SERVICE, OR IF REFILLS ARE PROVIDED THEY MUST BE PUSH BUTTON TYPES, OR LEVER TYPES WHERE THE LEVER CONTRACTS THE CONTAINER AT LEAST 1" BELOW THE RIM.
- ANY OPERABLE WINDOWS, VENT OPENING, OR OTHER SIMILAR OPENINGS MUST BE PROVIDED WITH TIGHT FITTING SCREENS OF MIN. 16 MESH TO THE INCH. WINDOWS TO BE FIXED AT FOOD PREP, TENSIL-WASHING, OPEN FOOD AND UTENSIL STORAGE AREAS.
- 6. ALL EXTERIOR DOORS OPEN OUTWARD AND ARE SELF-CLOSING AND TIGHT FITTING.
- BI-FOLD, FRENCH, ACCORDION STYLE AND ROLL-UP DOORS CANNOT OPEN INTO THE FOOD PREP, UTENSIL WASHING OR UNPACKAGED FOOD SERVICE AREAS.
- TOILET ROOM AND DRESSING ROOM DOORS MUST BE SELF-CLOSING, TIGHT FITTING. 9. DELIVERY DOORS TO HAVE AIR CURTAIN FANS THAT SPAN THE WIDTH OVER THE
- DOOR. THE FAN MUST ACTIVATE VIA A MICROSWITCH PROVIDING A MINIMUM VELOCITY OF 1600 FPM MEASURED 3 FEET ABOVE THE GROUND. 10. A MINIMUM OF 10 FOOT-CANDLES OF LIGHT MEASURED 30" OFF FLOOR IS PROVIDED IN WALK-IN REFRIGERATED STORAGE AND DRY STORAGE ROOMS AND AT LEAST 20-FOOT CANDLES IS PROVIDED WHERE FOOD IS PROVIDED FOR CONSUMER
- SELF-SERVICE, WHERE FRESH PRODUCE OR PREPACKAGE FOODS ARE SOLD OR OFFERED FOR CONSUMPTION; INSIDE EQUIPMENT SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS; IN AREAS USED FOR HANDWASHING, WAREWASHING, EQUIPMENT AND UTENSIL STORAGE, AND IN TOILET ROOMS. 1. A MINIMUM OF 50 FOOT-CANDLES OF LIGHT MEASURED 30" OFF FLOOR IS PROVIDED
- WHEN WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS, OR SAWA WHERE EMPLOYEE SAFETY IS A FACTOR AND IN ALL AREAS DURING PERIODS OF CLEANING. 12. SHATTERSHIELDS FOR ALL LIGHTS ABOVE FOOD PREPARATION, WORK, & STORAGE
- AREAS WILL BE PROVIDED. 13. ALL WAREWASHING SINKS TO HAVE 3 COMPARTMENTS THAT ARE A MINIMUM SIZE OF AT LEAST 18"X18"X12" DEEP (OR 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END. IF AGAINST A WALL, IT MUST HAVE AN 8" INTEGRAL BACKSPLASH. HOWEVER, IT MUST BE CAPABLE OF ACCOMMODATING THE LARGEST
- UTENSIL TO BE WASHED. A WAREWASHING MACHINE DOES NOT SUBSTITUTE FOR THE SINK REQUIREMENT. 14. SINKS TO HAVE SPOUT(S) CAPABLE OF REACHING EACH COMPARTMENT. 15. FOOD PREP SINK COMPARTMENT(S) TO BE AT LEAST 18"X18"X12" DEEP (OR
- 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD. SEPARATE FOOD PREP SINKS TO BE PROVIDED FOR MEATS AND PRODUCE. 16. THE 3 OR 4 COMPARTMENT BAR SINK TO BE AT LEAST 12"X12"X10" DEEP (OR 10"X14"X10" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END. A SEPARATE
- WET WASTE DUMP FIXTURE SHALL BE PROVIDED FOR DISPOSAL OF DRINK OR WASTE 17. EACH HANDWASHING SINK MUST HAVE PERMANENTLY MOUNTED SINGLE-SERVICE SOAP AND PAPER TOWEL DISPENSERS.
- 18. THE HOT WATER HEATER WILL BE A COMMERCIAL TYPE CAPABLE OF CONSTANTLY SUPPLYING HOT WATER AT A TEMPERATURE OF 120° F TO ALL SINKS. IN SIZING THE WATER HEATER, THE PEAK HOURLY DEMAND FOR ALL SINKS, ETC., ARE ADDED TOGETHER TO DETERMINE THE MINIMUM REQUIRED RECOVERY RATE.
- 19. ALL LAVATORIES OR HAND SINKS WILL HAVE A COMBINATION FAUCET OR PREMIXING FAUCET CAPABLE OF SUPPLYING WATER TEMPERED TO 100°F. SLEF-CLOSING OR METERED FAUCET TO PROVIDE AT LEAST 15 SECONDS OF WATER WITHOUT REACTIVATION.
- 20. ALL PLUMBING, ELECTRICAL AND GAS LINES SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE TO AS GREAT AN EXTENT AS POSSIBLE. ALL EXPOSED CONDUITS, PLUMBING, ETC. SHALL BE INSTALLED AT LEAST 6" OFF FLOOR AND 3/4" FROM WALLS USING STANDOFF BRACKETS.
- 21. CONDUITS. PLUMBING OR PIPING CANNOT BE INSTALLED ACROSS ANY AISLE WAY. TRAFFIC AREA OR DOOR OPENING.
- 22. MULTIPLE RUNS OR CLUSTERS OF CONDUIT OR PIPELINES SHALL BE FURRED IN OR ENCASED IN AN APPROVED SEALED ENCLOSURE.
- 23. ALL LIQUID WASTE SHALL BE DRAINED BE MEANS OF INDIRECT WASTE PIPES INTO A FLOOR SINK. FLOOR SINKS ARE TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR SURFACE AND HAVE SUITABLE EASILY REMOVABLE SAFETY COVER GRATES.
- BE IN LINE WITH THE FRONT OF ELEVATED FREESTANDING EQUIPMENT. 25. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE PROPERLY INSTALLED UPSTREAM OF ANY POTENTIAL HAZARD BETWEEN THE POTABLE WATER SUPPLY AND
- 26. WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER. THE RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH A LEGAL AIR GAP.
- 27. THE JANITORIAL SINK TO BE A MINIMUM 24" BY 24" FLOOR-MOUNTED TYPE. FOR CLEANING FLOOR MATS, THE JANITORIAL SINK TO BE A MINIMUM OF 24" BY 36" FLOOR-MOUNTED TYPE. MOPS SHALL BE PLACED IN A POSITION THAT ALLOWS THEM TO AIR-DRY WITHOUT SOILING WALLS, EQUIPMENT, OR SUPPLIES.
- 28. THE JANITORIAL SINK FAUCET WILL HAVE A THREADED OUTER LIP FOR HOSE ATTACHMENT AND AN APPROVED BACKFLOW PREVENTION NO CHEMICAL DISPENSING SYSTEMS OR SHUTOFF VALVES TO BE ATTACHED TO MOP SINK FAUCET OUTLET 9UNLESS A "SIDEKICK" PLUMBING DEVICE IS INSTALLED).
- 29. NO CONDENSATE OR WASTEWATER INCLUDING HVAC WILL DRAIN INTO THE JANITORIAL SINK.

24. FLOOR SINK TO BE 50% EXPOSED WHEN NO ACCESS IS PROVIDED FOR CLEANING OR

A SOURCE OF CONTAMINATION. HOSES SHALL NOT BE ATTACHED TO A FAUCET OR HOSE BIB UNLESS AN APPROVED BACKFLOW PREVENTER IS PROVIDED.



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**REVISION:** 

THIS PERMIT APPLICATION SET OF DRAWINGS ARE NTENDED FOR BUILDING DEPARTMENT REVIEW ONL REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

GENERAL NOTES

	HAVE A REFLECTANCE VALUE OF 70% OR HIGHER.
2.	SUBMIT SAMPLE OF CEILING TILE TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION
3.	SUBMIT SAMPLE OF FLOOR COVERING TO ENVIRONMENTAL HEALTH PRIOR INSTALLATION.
4.	SUBMIT SAMPLE OF "SLIMFOOT" BASE TILE TO ENVIRONMENTAL HEALTH PIINSTALLATION
5.	WALL SURFACES BEHIND SINKS (POTS AND PANS, JANITORIAL, UTENSIL, FOC PREPARATION, HAND BASINS) AND DISHWASHERS MUST HAVE A MINIMUM (8) FOOT HIGH WATER RESISTANT WALL MATERIAL. FRP, STAINLESS STEEL, C TILE, OR OTHER APPROVED MATERIALS ARE ACCEPTABLE IN THESE AREAS. F METAL FLASHING SURFACES NEED TO BE SEALED TO THE SUB-WALL SURFAC
6.	SEE FINISHES FOR EGGSHELL OR SEMI-GLOSS
7.	INTERIOR FINISHES SHALL COMPLY WITH CODES AS FOLLOW. U.F.C. APPEND & 2019 CBC CHAPTER 8.
8.	ALL DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDAN CONDITION.
9.	ALL SAMPLES MUST BE SUBMITTED & APPROVED BY IKEDO DESIGN OR TEN/ PRIOR TO INSTALLATION
10	<ol> <li>ALL INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED F PERFORMANCE AND SMOKE DEVELOPMENT IN ACCORDANCE WITH SECTIOI 803.1.1 OR 803.1.2, EXCEPT AS SHOWN IN SECTION 803.2 THROUGH 803.13</li> </ol>
11	. ALL DOORS & TRIM TO BE A.F.F. OR BUILDING STANDARDS.
12	<ol> <li>ALL FLOOR FINISH TRANSITIONS BETWEEN ROOMS TO OCCUR @ CENTER LII DOOR (WHEN CLOSED).</li> </ol>
R	ESTROOM NOTES:
1.	FLUSH ACTIVATOR ON WIDE SIDE.
2.	THE FORCE TO ACTIVATE THE FLUSH VALVE SHALL BE 5 LBS FORCE.
3.	GRAB BARS SHALL BE MOUNTED TO SOLID BLKG IN WALL AND SHALL BE 1-1/2 TO WALL.
4.	INSULATE HOT WATER AND DRAIN LINES EXPOSED UNDER SINK WITH PREFOR FLEXIBLE INSULATION.
5.	FAUCET CONTROLS MUST BE OPERABLE WITH ONE HAND AND NOT REQUIRE GRASPING PINCHING/TWISTING OF WRIST.
6.	ALL LAV/HANDSINKS WILL HAVE A COMBINATION FAUCET OR PRE- MIXING FA CAPABLE OF SUPPLYING WARM WATER FOR A MIN. OF TEN SECONDS.
7.	LAVATORY AND ALL SINKS SHALL BE SELF CLOSING. FAUCETS TO BE 2.2 G.P.M.
8.	TOILETS TO BE ULTRA LOW FLUSH.
9.	PROVIDE TWO STRAPS. ONE STRAP AT TOP 1/3 OF THE TANK AND ONE STRAP BOTTOM 1/3 OF THE TANK.
10.	NEW AND RELOCATED WATER CLOSETS AND ASSOCIATED FLUSHOMETER, IF A SHALL USE NO MORE THAN 1.6 GALLONS PER FLUSH AND SHALL MEET PERFORMANCE STANDARDS ESTABLISHED BY THE AMERICAN NATIONAL STAN INSTITUTE STANDARD A112.192.H & S CODE.
11.	SECTION 17921.3 (b) WATER CLOSET-WESTERN 872 (1.6 GAL). NEW AND RELOURINALS AND ASSOCIATED FLUSHOMETER, IF ANY, SHALL USE NO MORE THA GALLONS PER FLUSH AND SHALL MEET PERFORMANCE STANDARDS ESTABLIST THE AMERICAN NATIONAL STANDARD INSTITUTE STANDARD A112.19.2,H & S URINAL - SOLAN
12.	CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEAS PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES WIDE AND 4 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE W CLOSET. (11B-604.3.1)
13.	DOORWAYS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES MINIMUM IN POWER-ON AND POWER-OFF MODE. THE MINIMUM CLEAR WIDTH FOR AUTO DOOR SYSTEMS IN A DOORWAY SHALL PROVIDE A CLEAR, UNOBSTRUCTED OF OF 32 INCHES WITH ONE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FRO CLOSED POSITION. (11B-404.3.1)
14.	AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHE MINIMUM ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MINIMUM BEYOND COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUP MEMBERS. PARTITION COMPONENTS AT TOE CLEARANCES SHALL BE SMOOTH WITHOUT SHARP EDGES OR ABRASIVE SURFACES. COMPARTMENTS FOR CHIL USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE F FLOOR. (11B-604.8.1.4)
15.	HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS A GATES SHALL COMPLY WITH SECTION 11B-309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOV FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND UNABLE FROM BO SIDES. (11B-404.2.7)
16.	FLOOR AND GROUND SURFACES SHALL BE STABLE , FIRM, AND SLIP RESISTAN SHALL COMPLY WITH SECTION 11B-302. (11B-302.1)
17.	COMPLY WITH THE SIGNAGE REQUIREMENTS
18.	
19.	NOTE: ALL LAVATORIES OR HAND SINKS MUST HAVE A COMBINATION FAUC

# FINISH NOTES:

# . WALL & CEILING FINISHES IN WORK FOOD PREP. KITCHEN & STORAGE AREAS TO HAVE A REFLECTANCE VALUE OF 70% OR HIGHER.

- SUBMIT SAMPLE OF CEILING TILE TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION
- SUBMIT SAMPLE OF FLOOR COVERING TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION.

# SUBMIT SAMPLE OF "SLIMFOOT" BASE TILE TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION

- WALL SURFACES BEHIND SINKS (POTS AND PANS, JANITORIAL, UTENSIL, FOOD PREPARATION, HAND BASINS) AND DISHWASHERS MUST HAVE A MINIMUM EIGHT (8) FOOT HIGH WATER RESISTANT WALL MATERIAL. FRP, STAINLESS STEEL, CERAMIC TILE, OR OTHER APPROVED MATERIALS ARE ACCEPTABLE IN THESE AREAS. FRP AND METAL FLASHING SURFACES NEED TO BE SEALED TO THE SUB-WALL SURFACE.
- SEE FINISHES FOR EGGSHELL OR SEMI-GLOSS INTERIOR FINISHES SHALL COMPLY WITH CODES AS FOLLOW. U.F.C. APPENDIX V1-C & 2019 CBC CHAPTER 8.
- ALL DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDANT
- CONDITION. ALL SAMPLES MUST BE SUBMITTED & APPROVED BY IKEDO DESIGN OR TENANT
- PRIOR TO INSTALLATION ALL INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED FOR FIRE PERFORMANCE AND SMOKE DEVELOPMENT IN ACCORDANCE WITH SECTION
- 803.1.1 OR 803.1.2, EXCEPT AS SHOWN IN SECTION 803.2 THROUGH 803.13.
- ALL DOORS & TRIM TO BE A.F.F. OR BUILDING STANDARDS. ALL FLOOR FINISH TRANSITIONS BETWEEN ROOMS TO OCCUR @ CENTER LINE OF

# TROOM NOTES:

- LUSH ACTIVATOR ON WIDE SIDE.
- THE FORCE TO ACTIVATE THE FLUSH VALVE SHALL BE 5 LBS FORCE.
- RAB BARS SHALL BE MOUNTED TO SOLID BLKG IN WALL AND SHALL BE 1-1/2" CLR D WALL. ISULATE HOT WATER AND DRAIN LINES EXPOSED UNDER SINK WITH PREFORMED
- LEXIBLE INSULATION. AUCET CONTROLS MUST BE OPERABLE WITH ONE HAND AND NOT REQUIRE RASPING PINCHING/TWISTING OF WRIST.
- LL LAV/HANDSINKS WILL HAVE A COMBINATION FAUCET OR PRE- MIXING FAUCET APABLE OF SUPPLYING WARM WATER FOR A MIN. OF TEN SECONDS.
- VATORY AND ALL SINKS SHALL BE SELF CLOSING. FAUCETS TO BE 2.2 G.P.M. MAX. OILETS TO BE ULTRA LOW FLUSH.
- ROVIDE TWO STRAPS. ONE STRAP AT TOP 1/3 OF THE TANK AND ONE STRAP AT OTTOM 1/3 OF THE TANK.
- IEW AND RELOCATED WATER CLOSETS AND ASSOCIATED FLUSHOMETER, IF ANY, HALL USE NO MORE THAN 1.6 GALLONS PER FLUSH AND SHALL MEET RFORMANCE STANDARDS ESTABLISHED BY THE AMERICAN NATIONAL STANDARD NSTITUTE STANDARD A112.192.H & S CODE.
- ECTION 17921.3 (b) WATER CLOSET-WESTERN 872 (1.6 GAL). NEW AND RELOCATED RINALS AND ASSOCIATED FLUSHOMETER, IF ANY, SHALL USE NO MORE THAN 1 ALLONS PER FLUSH AND SHALL MEET PERFORMANCE STANDARDS ESTABLISHED BY THE AMERICAN NATIONAL STANDARD INSTITUTE STANDARD A112.19.2, H & S CODE, RINAL - SOLAN
- LEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED RPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED RPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES WIDE AND 48 NCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER LOSET. (11B-604.3.1)
- OORWAYS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES MINIMUM IN OWER-ON AND POWER-OFF MODE. THE MINIMUM CLEAR WIDTH FOR AUTOMATIC OOR SYSTEMS IN A DOORWAY SHALL PROVIDE A CLEAR. UNOBSTRUCTED OPENING F 32 INCHES WITH ONE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS LOSED POSITION. (11B-404.3.1)
- T LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES INIMUM ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MINIMUM BEYOND THE OMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. PARTITION COMPONENTS AT TOE CLEARANCES SHALL BE SMOOTH WITHOUT SHARP EDGES OR ABRASIVE SURFACES. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH LOOR. (11B-604.8.1.4)
- ANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH SECTION 11B-309.4. OPERABLE PARTS OF SUCH ARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE INISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN OSITION, OPERATING HARDWARE SHALL BE EXPOSED AND UNABLE FROM BOTH IDES. (11B-404.2.7)
- LOOR AND GROUND SURFACES SHALL BE STABLE , FIRM, AND SLIP RESISTANT AND HALL COMPLY WITH SECTION 11B-302. (11B-302.1)
- COMPLY WITH THE SIGNAGE REQUIREMENTS
- 19. NOTE: ALL LAVATORIES OR HAND SINKS MUST HAVE A COMBINATION FAUCET OR PREMIXING FAUCET CAPABLE OF SUPPLYING WATER TEMPERED TO BETWEEN 100 F AND 108 F. SELF-CLOSING OR METERED FAUCET TO PROVIDE AT LEAST 15 SECONDS OF WATER WITHOUT REACTIVATION.

- 27. CONCEALED GRID: SPACE THE MAIN TEES AT MAXIMUM 48" CENTERS AND INSTALL CROSS TEES TO COMPLETE THE GRID. INSTALL MAIN TEES ALONG ALL THE EDGES OF MECHANICAL AND LIGHTING FIXTURES. LOCK EDGES OF MECHANICAL AND LIGHTING FIXTURES, LOCK SUSPENSION PARTS IN PLACE TO FORM A GRID CAPABLE OF RESISTING A LATERAL FORCE OF 100 POUNDS MINIMUM IN BOTH TENSION AND COMPRESSION. INSTALL ACOUSTICAL UNITS WITH TIGHT FLUSH JOINTS, ALL JOINT LINES STRAIGHT AND ALIGNED. CUT UNITS TO FIT TIGHTLY AROUND CEILING PENETRATIONS, AND ACCURATELY SCRIBE TO WALLS, INSTALL ACOUSTICAL UNITS WITH EDGES BEARING ON TEES, ALL EDGES SECURED WITH HOLD-DOWN CLIPS. (COPE THE BOTTOMS OF EXPOSED TEES FOR FLUSH JOINTS WITH WALL ANGLES OR
- 28. CEILING OFFSETS: PROVIDE TRIMS WHERE SHOWN OR NECESSARY TO PROPERLY FINISH AT OFFSETS OR CEILING BREAKS, TYPES AS INDICATED, DIRECTED AND REVIEWED.

CHANNELS.) CONFORM TO THE U.L. DESIGN APPROVED FOR THE GRID.

- 29. REPAIR, CLEANING AND COMPLETION: REMOVE AND REPLACE ALL DISCOLORED, BROKEN OR DAMAGED MATERIALS. COMPLETED CEILING SHALL PRESENT A SMOOTH LEVEL SURFACE FREE OF EDGE OR CORNER OFFSETS, CUPPING, SCRATCHES, GOUGES, OR OTHER DEFECTS, CLEAN EXPOSED SURFACE AND REMOVE FOREIGN MATTER. 30. ALL SUSPENDED CEILING SHALL COMPLY WITH CHAPTER 8, WALL & CEILING FINISHES
- PER 2019 CBC. 31. CEILING GRID CONTRACTOR TO COORDINATE ANY REVISED GRID LAYOUT WITH G.C. AND IKEDO DESIGN.
- 32. ALL SWITCHES SHOWN SHALL BE 48" ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED ON PLAN. ALL HEIGHTS ARE GIVEN FROM TOP OF ROUGH FLOOR TO CENTERLINE OF MOUNTED VERTICALLY LENGTHWISE, WHITE U.N.O. ALL GANGED SWITCHES SHALL BE COVERED WITH A ONE-PIECE PLATE OF WHITE PLASTIC.

# DOOR NOTES

SWING OF 90 DEGREES.

EXCEPT 20 MIN. RATED DOORS.

- ALL 20 MIN. RATED DOOR SHALL INCLUIDE SELF CLOSER AND SMOKE SEAL. 2. DOORS IN THE MOE SYSTEM TO BE OPENABLE FROM INSIDE WITHOUT ANY USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (SEC. 1008.1.9).
- 3. EXIT DOORS WILL BE A MINIMUM OF 3 FEET BY 6'-8" WITH A MINIMUM DOOR
- 10. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34"
- AND 44" ABOVE THE FLOOR. (SEC1133B2.5.2) 11. ALL DOUBLE DOORS SHALL HAVE A CLOSING COORDINATOR DEVICE HARDWARE
- 12. ALL EXIT DOORS IN THE M.O.E. SHALL BE PROVIDED WITH PANIC HARDWARE DEVICE
- IF A LATCH IS REQUIRED. 13. FOR UNDERCUT DOOR LOCATION REFER TO MECHANICAL DRAWINGS.
- 14. ALL WOOD DOORS SHALL BE PARTICLE BOARD CORE, PAINT GRADE & MDO FACE.

CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR. (SEC1008.1)

- 15. EXIT DOORS WILL BE A MINIMUM OF 3 FEET BY 6'-8" WITH A MINIMUM DOOR SWING OF 90 DEGREES. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE
- 16. DOOR HARDWARE SHALL BE OF THE LEVER TYPE, MOUNTED 30 INCHES TO 40 INCHES ABOVE THE FLOOR. THE MAXIMUM EFFORT TO OPERATE SHALL BE 5 POUNDS FORCE FOR EXTERIOR AND 5 POUNDS FORCE FOR INTERIOR DOORS. THE LOWER 10 INCHES OF THE DOOR SHALL HAVE A SMOOTH PANEL ON THE PUSH SIDE OF THE DOOR WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARD. (TITLE 24, CCR, SECTION 1133B.2.6)
- 17. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR. (SEC1133B2.5.2)
- 18. PROVIDE WEATHER STRIPPING AT EXTERIOR DOORS HEAD, JAMB AND SILL.
- 19. ILLUMINATED "EXIT" SIGNS TO HAVE A MINIMUM OF 6" HIGH LETTERS.
- 20. PROVIDE POSITIVE KEY CYLINDERS.
- 21. PROVIDE CYLINDER GUARD ON ON ALL MORTISE OR RIM TYPE CYLINDER FACE OF DOOR OR IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS.
- 22. ALL PIN TYPE HINGES WHICH ARE ACCESSIBLE FROM THE OUTSIDE WHEN THE DOOR IS CLOSED SHALL HAVE NON REMOVABLE HINGE PINS. IN ADDITION, THEY SHALL HAVE A MINIMUM OF 1/4" DIAMETER STEEL JAMB STUD WITH 1/4" MINIMUM PROJECTIONS UNLESS THE HINGES ARE SHAPED TO PREVENT REMOVAL OF THE DOOR IF THE HINGE PINS ARE REMOVED.
- 23. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH-UP ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- 24. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE.
- 25. ALL DOORS IN THE MOE SYSTEM SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY. SPECIAL KNOWLEDGE OR EFFORT. (SEC. 1008.1.9). ALL EXIT DOORS TO BUILDINGS EXTERIOR SHALL BE PROVIDED WITH SLIM LINE PANIC HARDWARE AND CLOSER AND ALARM. DOOR AT MAIN ENTRY ONLY, PROVIDE A READILY VISIBLE AND DURABLE SIGN ADJACENT TO OR ON THE DOOR STATING THAT "THIS DOOR SHALL REMAIN UNLOCKED WHENEVER THE BUILDING IS OCCUPIED" WITH LETTERS ON CONTRASTING BACKGROUND AND MIN. 1" HIGH.
- 26. HARDWARE SCHEDULE SHALL BE PREPARED AND SUBMITTED FOR REVIEW AND APPROVAL.
- 27. WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS SHALL COMPLY WITH THE
- CURRENT EDITION OF THE C.B.C. AND TITLE 24. (SEC.1008.1.1) 28. PROVIDE APPROVED PANIC HARDWARE ON REQUIRED EXIT DOORS. CBC 2019
- (SEC.1008.1.10).
- 29. FINISH CARPENTER TO PROVIDE 8" WIDE THRESHOLD. 30. NO LOCKING MECHANISMS (SWINGING DOORS ONLY).
- 31. PROVIDE WOOD HANDLE AND CENTER PIVOT (DOUBLE SWING DOOR) SPRING TYPE HINGE TYPE CLOSER.
- 32. PROVIDE CONCEALED CLOSER.
- 33. GLASS TO MATCH ADJACENT WINDOW.
- 34. PUSH AND PULL HANDLE TO BE BRUSHED ALUMINUM FINISH PULL TO BE LOOP

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- 37. PROVIDE ASTRAGALS AT ACTIVE EXTERIOR DOOR LEAFS.

- REFLECTED AND SUSPENDED CEILING NOTES:
- PROVISIONS OF CBC SEC. 808.1.1.1, ASTM C 635 AND ASTM C 636.
- 2. PROVIDE ADDITIONAL SMOKE DETECTORS AS REQUIRED FOR BUILDING STD. LIFE SAFETY SYSTEM.
- 3. ALL BUILDING STD. LIGHT SWITCH AND ELECTRICAL COVER PLATES FINISH: MATCH WALL COLOR.
- 4. LOCATE LITE SWITCHES 4'-0" FROM CORNER OF DOOR TO AVOID DOOR SWING.
- 5. EXISTING SPRINKLER SYSTEM SHALL BE MODIFIED AS REQUIRED TO SUIT NEW BUILDING USE.
- CONTRACTOR TO PROVIDE INDIVIDUAL SUPPLY AND RETURN AIR DIFFUSERS IN EACH ROOM, CAPABLE OF SUPPLYING OUTSIDE AIR, AT A MINIMUM RATE OF 15 CUBIC FEET PER MINUTE PER OCCUPANT. UNDERCUTTING OF DOORS OR USE OF GRILLS IN DOORS IS NOT ACCEPTABLE FOR RETURN AIR. PROVIDE (2)A/C/ PER HOUR IN ALL ROOMS
- 7. PROVIDE ACCESS PANEL AT HARDLID AS REQUIRED. THIS REFLECTED CEILING PLAN GOVERNS OVER MECHANICAL AND ELECTRICAL PLAN WITH REGARD TO PLACEMENT OF LIGHT FIXTURES. ALL SWITCH LOCATIONS AND HVAC VENTS OR DIFFUSER LOCATIONS SHALL BE APPROVED BY IKEDO DESIGN PRIOR TO INSTALLATION. CONTACT IKEDO DESIGN IF PLANS ARE DIFFERENT.
- 9. SUSPENDED CEILINGS SHALL COMPLY WITH ASTM C635 & ASTM 636.
- 10. SUSPENDED CEILINGS SHALL COMPLY WITH 2019 CBC TABLE 25-A, 16-O AND 16-B.
- 11. ALL CEILING FINISHES SHALL COMPLY WITH FLAME SPREAD RATING PER 2019 CB 803.1 AND TABLE 803.9
- 803.1 AND TABLE 803.9
- PER ASCE 7-05 SECTION 13.5.6.2.1 SHALL HAVE THE FOLLOWING:
- B) THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NO LESS

SPECIFICATIONS.

DESIGN .

- C) IN EACH ORTHOGONAL HORIZONTAL DIRECTION ONE END OF THE CEILING GRID SHALL BE ATTACHED TO A CLOSURE ANGLE.
- D) THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE OR A LISTED ASSEMBLY.
- E) CEILING WITH WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZE TRIM RINGS FOR SPRINKLERS AND OTHER CEILING PENETRATIONS.
- 14. SHALL COORDINATE WITH ALL TRADES INVOLVED AND/OR PREPARE COMPOSITE SHOP DRAWINGS FOR EACH FLOOR TO INSURE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, ETC. NECESSARY TO MAINTAIN THE SPECIFIED FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR SLAB AS NOTED OF THE DRAWINGS. CLARIFY CONFLICTS WITH IKEDO DESIGN
- 15. FOR DETAILS OF BUILDING STANDARD LIGHTING FIXTURES, SWITCHES, PANEL BOXES, JUNCTION BOXES, DIMMER CONTROLS, CIRCUITING, AIR CONDITIONING DUCT WORK, AIR SUPPLY DIFFUSERS, AIR RETURN GRILLS, THERMOSTATS, SMOKE DETECTORS, ETC. SEE ORIGINAL BUILDING ELECTRICAL AND MECHANICAL DRAWINGS AND
- 16. THE ARCHITECTURAL REFLECTED CEILING DRAWINGS SHALL BE USED TO DETERMINE THE LOCATION, QUANTITY, EXTENT AND TYPE OF LIGHT FIXTURES, CEILING TILE AND T-BAR, ANY CONFLICTS BETWEEN DRAWINGS SHALL BE SUBMITTED IN WRITING TO IKEDO DESIGN AND ENGINEERS DURING THE PRICING PERIOD. ALL CONFLICTS ARISING DURING THE CONSTRUCTION SHALL BE SUBMITTED IN WRITING TO IKEDO
- 17. ALL BUILDING STANDARD EQUIPMENT INCLUDING LIGHT FIXTURES, LENSES, ETC. SHALL BE FREE OF DEFECTS, ANY AND ALL DAMAGED, DENTED OR DEFECTIVE EQUIPMENT, WHETHER IT BE BUILDING STANDARD OR SPECIAL ORDER, WILL BE REJECTED.
- 18. PERIMETER CEILING ANGLE, WHEN IT OCCURS, SHALL BE INSTALLED TIGHT TO PARTITION SURFACES, FREE FROM CURVES, BREAKS AND OTHER IRREGULARITIES.
- 19. SUSPENDED CEILING FRAMING SYSTEM SHALL BE DESIGNED FOR LATERAL FORCES (CP =0.20% WO (MINIMUM) = 4 P.S.F.) THE GRID SYSTEMS MAIN TEES AND CROSS TEES SHALL BE ABLE TO WITHSTAND LATERAL FORCES AND 100 POUNDS IN COMPRESSION AND TENSION. CEILING SUBCONTRACTOR TO PROVIDE APPOPRIATE WIRES FOR GRID, LIGHTS, HVAC AND DIFFUSERS.
- 20. TO NOTIFY IKEDO DESIGN WHERE ACCESS PANELS ARE REQUIRED TO MEET CODE AND SERVICE MECHANICAL EQUIPMENT.
- 21. ALL DIFFUSERS AND AIR GRILLS TO BE PAINTED TO MATCH CEILING COLOR ONLY IF SPECIFIED IN CONTRACT
- 22. GENERAL INSTALLATION REQUIREMENTS: INSTALL CEILING UNDER THE SUPERVISION OF A EXPERIENCED SUPER- INTENTDENT. CONSULT WITH COORDINATE INSTALLATION WITH OTHERS TRADES. INSTALL CEILING WATER LEVEL WITHIN A TOLERANCE OF 1/8" IN 1/2" IN ANY DIRECTION. CONFORM TO REVIEWED SUBMITTALS.
- 23. PATTERN: UNLESS OTHERWISED INDICATED OR SPECIFIED. INSTALL CEILING IN A REGULAR PATTERN. JOINT LINES PARALLEL TO WALLS. INSTALL ACOUSTICAL UNITS SYMETRIC- ALLY ABOUT CENTERLINES OF EACH ROOM ON SPACE, AVOIDING NARROW UNITS (LESS THAN HALF A TILE) AT WALLS.
- 24. FRAMING FOR LIGHTING AND MECHANICAL FIXTURES: OBTAIN NECESSARY DATA FROM OTHER TRADES AND PROVIDE ADDITIONAL HANGERS WIRES AND FRAMING IN SUSPENDED GRIDS AS REQUIRED TO SUPPORT LIGHTING AND MECHANICAL FIXTURES.
- 25. SPACE HANGER WIRES NO.12GA. TO MAXIMUM 48" CENTERS ALONG MAIN TEES AND CONNECT TO STUCTURE ABOVE. WIRE WITHIN 6" OF PERIMETER.
- 26. SUSPENDED ACOUSTICAL CEILINGS SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 635 AND ASTM C 636.

- 35. PROVIDE CENTER PIVOT HINGE.
- 36. PROVIDE BUILDING ADDRESS NUMBER ON EXTERIOR OF DOOR.

# 1. ALL SUSPENDED CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE

- 12. ALL CEILING FINISHES SHALL COMPLY WITH FLAME SPREAD RATING PER 2019 CBC
- 13. PLEASE NOTE THAT SUSPENDED CEILINGS IN SEISMIC DESIGN CATEGORIES D, E, & F

# A) A HEAVY DUTY T-BAR SYSTEM SHALL BE USED.

- NOTIFY IKEDO DESIGN OF ANY DISCREPANCIES BETWEEN IKEDO DESIGN POWER/SIGNAL PLAN AND ELECTRICAL ENGINEER POWER/SIGNAL PLAN. G.C. TO OBTAIN CLARIFICATION PRIOR TO CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL SUBMIT ALL NECESSARY DRAWINGS, CATALOGE CUTS, ETC. FOR IKEDO DESIGN'S REVIEW. SUBSTITUTIONS SHALL NOT BE MADE UNLESS IKEDO DESIGN 'S CONCURRENCE IS RECEIVED AND SHOP DRAWINGS ARE SUBMITTED FOR IKEDO DESIGN'S REVIEW.
- THE ELECTRICAL ENGINEER POWER/SIGNAL PLAN IS FOR POWER AND CIRCUITING REQUIREMENTS AND SWITCH LOCATIONS ONLY. LOCATIONS OF OUTLETS SHALL BE SHOWN ON IKEDO DESIGN POWER/SIGNAL PLAN.
- 4. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LUMINAIRES AND LAMPS BACK TO BACK ELECTRICAL COMMUNICATION AND SWITCH BOXES SHALL BE STAGGERED WITH ONE FULL HEIGHT STUD BETWEEN THEM, U.N.O. DIM WHERE INDICATED ON PLANS REFERENCE CENTER OF SINGLE BOX.
- CONTRACTOR TO VERIFY LOCATION OF CABINETRY PRIOR TO LOCATING ELECTRICAL AND COMMUNICATION OUTLETS PROPER PLACEMENT. DO NOT BURY OUTLETS BEHIND CABINETRY.
- STANDARD HEIGHT OF ELECTRICAL OUTLETS TO BE 15" ABOVE FINISH FLOOR. ALL OUTLETS SHOWN MOUNTED ABOVE COUNTERS OR BACK SPLASHES SHALL BE MOUNTED HORIZONTALLY WITH 2" BETWEEN EDGE OF FACE PLATE AND CABINETRY, U.N.O.
- 8. PROVIDE FLUORESCENT LIGHT FIXTURES PER PLAN.
- 9. ELECTRICAL CONTRACTOR TO PROVIDE EMERGENCY LIGHTS PER APPLICABLE CODES. 10. ELECTRICAL CONTRACTOR TO PROVIDE EMERGENCY EXIT SIGNS PER T-24 AND
- BUILDING/FIRE INSPECTOR'S REQUIREMENTS AND LOCATIONS.
- 11. DEDICATED OUTLETS AT LUNCH RMS, COPIERS AND SERVERS, SEE PLAN GENERAL CONTRACTOR TO VERIFY HEIGHT, DEPTH, AND WIDTH OF POWER, DATA,
- CONDUITS, JUNCTION BOXES, PANELS, AND FIRE ALARMS PRIOR TO FURRING OUT WALLS. NOTIFY IKEDO DESIGN IF THERE ARE ANY DISCREPANCIES.
- 13. FOR MANUFACTURES TYPES DETAILS AND SPECS OF PANEL BOXES, RAISERES, CIRCUITING, ETC., SEE ELECTRICAL ENGINEERING DRAWINGS.
- ALL WALL MOUNTED TELEPHONE AND ELECTRICAL OUTLETS ARE TO BE INSTALLED AT MIN. 15" ABOVE FLOOR U.N.O. ALL OUTLET HEIGHTS ARE GIVEN FOR ROUGH FLOOR TO CENTERLINE OF COVERPLATE. MOUNTED VERTICALLY. PAIRS OF OUTLETS ARE DIMENSIONED TO CENTERLINE OF OUTLETS (6"+ O.C.).
- 15. ALL OUTLETS SHOWN BACK-TO-BACK IN PARTITIONS SHALL BE OFFSETS THE MINIMUM DIMENSION REQUIRED TO AVOID BACK-TO-BACK INSTALLATION AND ALLOW FOR A METAL STUD TO COME BETWEEN THEM.
- 16. ALL DEVICES AND COVERPLATES TO BE WHITE PLASTIC U.N.O.
- 17. ELECTRICAL CONTRACTOR SHALL LOCATE ALL TELEPHONE AND ELECTRIC OUTLETS AT FLOOR AND WALL AND HAVE IKEDO DESIGN'S APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.
- 18. NO BELOW FLOOR JUNCTION BOXES UNLESS UNAVOIDABLE. IF SUCH WORK IS NEEDED IT SHALL BE SCHEDULED SO AS NOT TO DISTURB OR CAUSE DAMAGE TO ANY OTHER TENANT IN THE BUILDING (TYPICAL FOR ANY WORK INCLUDING OVERTIME). 19. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXACT FIELD
- CONDITIONS FOR MECHANICAL, SWITCH AND FIXTURE RELATIONSHIPS. ANY DISCREPANCIES SHALL BE REPORTED TO IKEDO DESIGN.
- 20. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXACT FIELD CONDITIONS FOR MECHANICAL, SWITCH AND FIXTURE RELATIONSHIPS. ANY DISCREPANCIES SHALL BE REPORTED TO IKEDO DESIGN.
- 21. FOR APPLIANCES SUBMIT MANUFACTURER'S LITERATURE INCLUDING FULL PRODUCT DESCRIPTIONS. ILLUSTRATIONS, SPECIFICATIONS, AND LINE DRAWINGS SHOWING CLEARANCES AND ROUGH-IN INFORMATION.
- 22. ALL LOCATION OF TELEPHONE WORK SHALL BE COORDINATED BY THE G.C. IKEDO DESIGN, TENANT'S CONSULTANT AND TELEPHONE COMPANY.
- 23. ELECTRICAL CONTRACTOR TO PROVIDE 1" CONDUIT AT ALL BACK-TO-BACK WALL MOUNTED TELEPHONE OUTLETS U.N.O. ELECTRICAL CONTRACTOR TO OBTAIN ALL ADDITIONAL TELEPHONE CONDUIT REQUIREMENTS FROM THE TENANT'S TELEPHONE CONSULTANT.
- 24. ELECTRICAL CONTRACTOR TO INSTALL CONDUIT FOR WORD PROCESSING/COMMUNICATIONS EQUIPMENT. CONDUIT SHALL BE ROUTED AT LEAST 6" FROM ALL A.C. CONDUIT. 2'-0" FROM FLUORESCENT FIXTURES. 6'-0" FROM ELEVATOR SHAFTS AND ELECTRICAL ROOMS OR ANY DEVICE WHICH MAY CAUSE INTERFERENCE WITH DATA TRANSMISSION OR RECEPTION.
- 25. PROVIDE BOXES, WIRING DEVICES, PLATES, CONDUIT AND WIRING TO "J" BOXES AND ALL HOLD OPEN DOORS.
- 26. PROVIDE TRANSFORMERS WHEN NECESSARY FOR LOW VOLTAGE LIGHTING, BUSY LIGHTS OR OTHER SPECIAL ITEMS. VERIFY LOCATION WITH IKEDO DESIGN .
- 27. ELECTRICAL CONTRACTOR TO CALCULATE VOLTAGE REQUIREMENTS WHEN NECESSARY TO SIZE SWITCHES AND PLAN CIRCUIT LOADS. UPON COMPLETION OF PROJECT, 2 SETS OF AS-BUILTS TO BE FURNISHED. ONE COPY TO BUILDING OWNER AND ONE TO IKEDO DESIGN .
- 28. SUBMITTAL OF BID INDICATES THE CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
- 29. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC. FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.
- 30. ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORIES AND SHALL BEAR THE INSPECTION LABEL WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH THE APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN N.S.I., N.E.M.A., AND N.B.F.U..
- 31. THE COMPLETED JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF ACCEPTANCE BY THE TENANT. ANY WORK MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR.
- 32. THE ELECTRICAL CONTRACTOR SHALL CARRY OUT HIS/HER WORK IN ACCORDANCE WITH ALL GOVERNING FEDERAL, STATE AND LOCAL CODES INCLUDING O.S.H.A..

- PROJECT NOTES:
- 1. NOTIFY IKEDO DESIGN OF ANY DISCREPANCIES WITH PLANS. CALL TO OBTAIN CLARIFICATION PRIOR TO CONSTRUCTION/ INSTALLATION/ ORDERING.
- 2. CALL IKEDO DESIGN IF DESIGN INTENT IS NOT CLEAR. AT NO TIME IS THE CONTRACTOR TO ASSUME OR GUESS IKEDO DESIGN'S DESIGN INTENT.
- 3. ADDRESS SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS IN A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. (CFC)
- 4. THE CONSTRUCTION, REMODEL, OR DEMOLITION OF A BUILDING SHALL COMPLY WITH C.F.C.
- BLOCKING REQUIRED IN METAL STUD CAVITY AT CABINETS AND COUNTERS.
- 6. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- 7. PRIOR TO CONSTRUCTION OF WALLS, LAYOUT NEEDS TO BE APPROVED BY IKEDO DESIGN. GENERAL CONTRACTOR IS TO INFORM IKEDO DESIGN IMMEDIATELY IF THERE ARE ANY DIMENSIONAL DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.
- THE PROPOSED BUSINESS OR PERSONAL/ PUBLIC OFFICE BUILDING TENANT IMPROVEMENT IS TO BE MADE ACCESSIBLE, PER SECTION 11B-202.4, AS FOLLOWS: A. OFFICE IMPROVEMENTS WITH CONFERENCE ROOMS SHALL HAVE THE CONFERENCE ROOMS COMPLY WITH THE REQUIREMENTS OF 1114B.1.1. (ASSISTED LISTENING SYSTEMS: 11B-219?)
- B. CONFERENCE, RECEPTION, WAITING, OFFICE (CUBICLES OR WALLS) WITH ASSOCIATED TOILETS ARE TO BE ACCESSIBLE.
- C. EMPLOYEE WORK AREAS (INCLUDING EMPLOYEE LOUNGE) SHALL HAVE A MINIMUM 36" CLEAR WIDTH ACCESS

# H.C. COUNTER NOTES:

- . THE KNEE CLEARANCE FOR ACCESSIBLE DINING AND WORK SURFACES SHALL EXTEND 19" (483mm) DEEP MIN. AT 27" (686mm) A.F.F. AND 30" (762mm) WIDE MIN. (SEC. 11B-306.3)
- 2. THE TOP OF ACCESSIBLE TABLE AND COUNTER SHALL BE 28" TO 34" (711mm TO 864mm) A.F.F. OR GROUND (SEC. 11B-902.3)
- 3. RECEPTION DESK/ COUNTER WILL BE ACCESSIBLE TO THE DISABLED. COUNTER HEIGHT SHALL BE 28"-34" (610-864 mm) FOR A MIN. LENGTH OF 36" (914 mm).

# MILLWORK:

- ALL MILLWORK SHALL BE FABRICATED IN ACCORDANCE WITH THE "MANUAL OF MILLWORK" OF THE WOODWORK INSTITUTE OF CALIFORNIA AND SHALL BE PREMIUM GRADE. ALL PARTICLE BOARD SHALL BE BETTER MEDIUM DENSITY PARTICLE BOARD ) (45 PSI MIN.) OR BETTER. CASEWORK SHALL BE FLUSH OVERLAY TYPE CONSTRUCTION.
- CONTRACTOR SHALL FIELD MEASURE ALL CARPENTRY AND/OR MILLWORK AREAS FOR INSTALLATION PRIOR TO COMMENCING WORK.
- 3. CONTRACTOR SHALL INFORM IKEDO DESIGN OF ANY DIFFERENCES IN DIMENSIONS ON DRAWING AND ACTUAL DIMENSIONS AFTER FIELD MEASURING AND PRIOR TO COMMENCING WORK.
- 4. CONTRACTOR SHALL SUBMIT THREE (3) COPIES OF SHOP DRAWINGS AND ONE (1) REPRODUCIBLE, DESCRIPTIVE DATA AND SAMPLE OF CARPENTRY AND/OR MILLWORK WITH SPECIFIED FINISH FOR IKEDO DESIGN 'S APPROVAL PRIOR TO COMMENCING
- 5. ALL CARPENTRY AND/OR MILLWORK SHALL BE BRACED ACCORDING TO REQUIREMENT OF LOCAL SEISMIC CODES.
- WOOD WORKING SUBCONTRACTOR TO PROVIDE 1-1/4" DIA. WIRE HOLES IN COUNTERTOPS WHERE REQUIRED, U.N.O.. PROVIDED GROMMETS TO MATCH COUNTERTOPS.
- 7. INSTALL CABINETS PER MANUFACTURES REQ.



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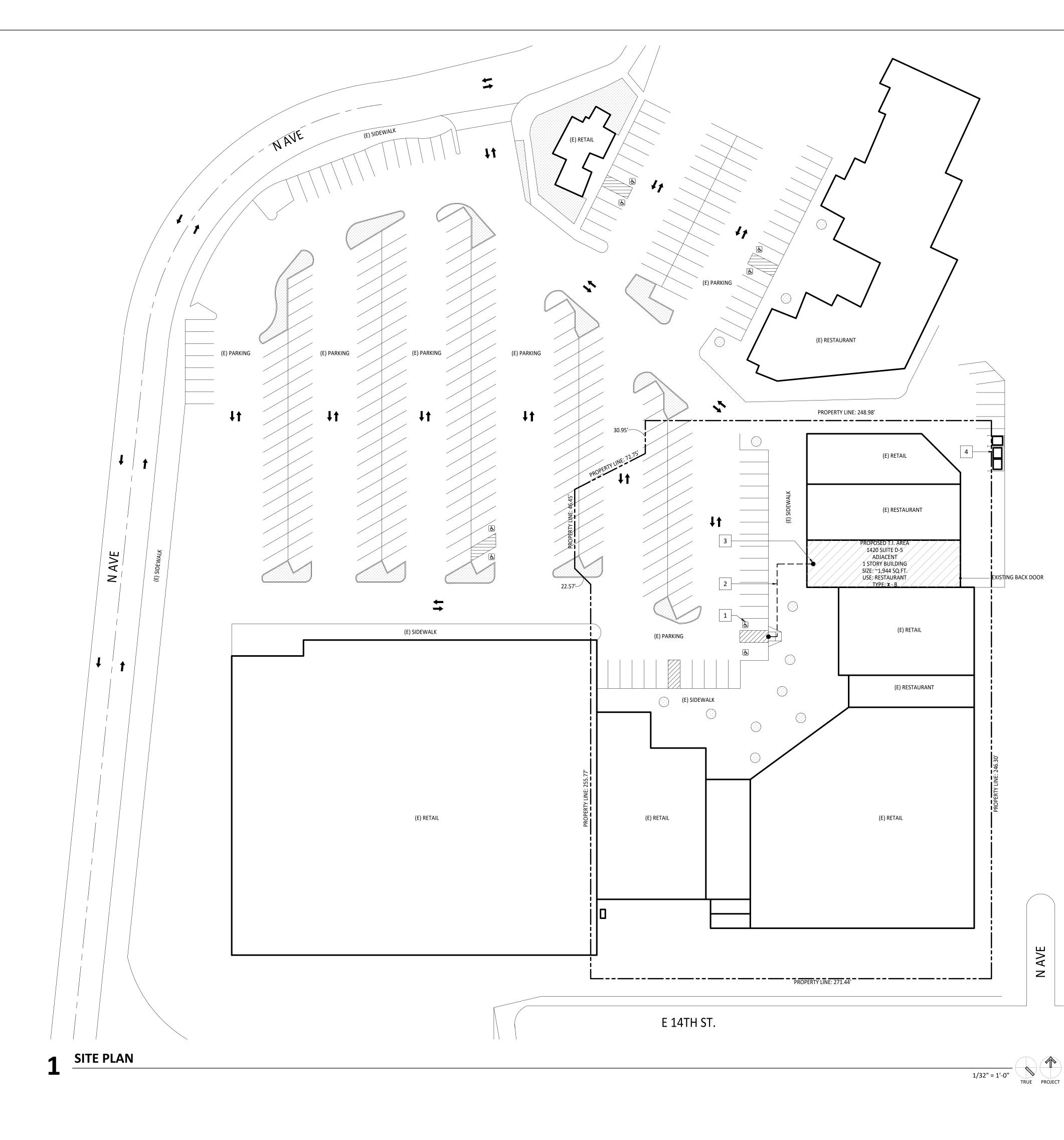
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# **CONSTRUCTION STORM WATER BPM NOTES**

- ALL APPLICABLE CONSTRUCTION BMPS AND NON-STORM WATER DISCHARGE BMPS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CITY OF NATIONAL CITY MINIMUM BMP REQUIREMENTS INCLUDED IN THE NATIONAL CITY MUNICIPAL CODE AND THE CITY OF NATIONAL CITY JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM (JRMP). ALL STORM WATER BMPS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- 2. EROSION CONTROL BMPS SHALL BE IMPLEMENTED FOR ALL PORTIONS OF THE PROJECT AREA IN WHICH NO WORK HAS BEEN DONE OR IS PLANNED TO BE DONE OVER A PERIOD OF 14 OR MORE DAYS. ALL ONSITE DRAINAGE PATHWAYS THAT CONVEY CONCENTRATED FLOWS SHALL BE STABILIZED TO PREVENT EROSION.
- 3. RUN-ON FROM AREAS OUTSIDE THE PROJECT AREA SHALL BE DIVERTED AROUND WORK AREAS TO THE EXTENT FEASIBLE. RUN-ON THAT CANNOT BE DIVERTED SHALL BE MANAGED USING APPROPRIATE EROSION AND SEDIMENT CONTROL BMPS.
- 4. SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED, INCLUDING PROVIDING FIBER ROLLS, GRAVEL BAGS, OR OTHER EQUALLY EFFECTIVE BMPS AROUND THE PERIMETER OF THE PROJECT TO PREVENT TRANSPORT OF SOIL AND SEDIMENT OFFSITE. ANY SEDIMENT TRACKED ONTO OFFSITE PAVED AREAS SHALL BE REMOVED VIA SWEEPING AT LEAST DAILY. ALL BMPS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE CASQA FACT SHEETS.
- 5. TRASH AND OTHER CONSTRUCTION WASTES SHALL BE PLACED IN A DESIGNATED AREA AT LEAST DAILY AND SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REQUIREMENTS. 6. MATERIALS SHALL BE STORED TO AVOID BEING TRANSPORTED IN STORM WATER RUNOFF AND NON-STORM WATER DISCHARGES. CONCRETE WASHOUT SHALL BE DIRECTED TO A WASHOUT AREA
- DESIGNED IN ACCORDANCE WITH CASQA STANDARDS; CONCRETE SHALL NOT BE WASHED OUT TO THE GROUND. 7. STOCKPILES AND OTHER SOURCES OF POLLUTANTS SHALL BE COVERED WHEN THE CHANCE OF RAIN WITHIN THE NEXT 48 HOURS IS AT LEAST 50%.

# PERMANENT STORM WATER BMP NOTES

- 1. LANDSCAPED AREAS SHALL BE DESIGNED IN ACCORDANCE WITH WATER EFFICIENT LANDSCAPE
- ORDINANCE REQUIREMENTS. 2. ROOF DRAINAGE SHALL BE DIRECTED TO LANDSCAPED AREAS OR RAIN BARRELS.
- 3. WALKWAYS SHALL BE DESIGNED TO DRAIN TO ADJACENT LANDSCAPED OR NATURAL AREAS OR CONSTRUCTED USING PERMEABLE MATERIALS.
- 4. STREETS, SIDEWALKS, AND PARKING LOT AISLES SHALL BE CONSTRUCTED TO THE MINIMUM WIDTH NECESSARY, PROVIDED PUBLIC SAFETY IS NOT COMPROMISED.
- 5. EXISTING TREES AND NATURAL AREAS, INCLUDING BUT NOT LIMITED TO NATURAL WATER BODIES AND NATURAL STORAGE RESERVOIRS OR DRAINAGE CORRIDORS (E.G., TOPOGRAPHIC DEPRESSIONS, NATURAL SWALES, AND AREAS OF NATURALLY PERMEABLE SOILS), SHALL BE CONSERVED OR OTHERWISE PROTECTED TO THE EXTENT FEASIBLE.
- 6. THE IMPERVIOUS FOOTPRINT, INCLUDING ROOFED AREAS AND PAVED AREAS, OF THE PROJECT SHALL BE MINIMIZED TO THE EXTENT APPLICABLE AND FEASIBLE. 7. DUMPSTERS, OTHER TRASH RECEPTACLES, AND WASTE COOKING OIL CONTAINERS SHALL BE STORED
- INSIDE BUILDINGS OR IN FOUR-SIDED ENCLOSURES WITH A STRUCTURAL OVERHEAD CANOPY DESIGNED TO PREVENT PRECIPITATION FROM CONTACTING MATERIALS STORED IN THE ENCLOSURE. 8. ONSITE STORM DRAINS SHALL BE STENCILED OR OTHERWISE PERMANENTLY LABELED WITH "NO
- DUMPING, DRAINS TO OCEAN" OR OTHER EQUIVALENT LANGUAGE APPROVED BY THE CITY. 9. OUTDOOR MATERIAL STORAGE AREAS AND OUTDOOR WORK AREAS SHALL BE PROTECTED FROM RAINFALL, RUN-ON, AND WIND DISPERSAL.

# SITE PLAN LEGEND

	PROPERTY LINE
<b>+ +</b>	DIRECTION OF TRAFFIC
	PROPOSED T.I. AREA

# **KEYNOTES**

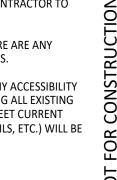
1	EXISTING HC PARKING SPACES
2	ADA ACCESSIBLE PATH OF TRAVEL
3	ADA ACCESSIBLE ENTRANCE
4	EXISTING TRASH ENCLOSURE. SEE ENVIRONMENTAL HEALTH NOTE #1/T3.

# PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5 %, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".

**PROJECT NOTES** 

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- 2. CALL IKEDO DESIGN IF DESIGN INTENT IS NOT CLEAR. AT NO TIME IS THE CONTRACTOR TO ASSUME OR GUESS IKEDO DESIGN'S DESIGN INTENT.
- 3. GENERAL CONTRACTOR IS TO INFORM IKEDO DESIGN IMMEDIATELY IF THERE ARE ANY DIMENSIONAL DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.
- 4. IF THE CITY BUILDING INSPECTOR DETERMINES NON-COMPLIANCE WITH ANY ACCESSIBILITY PROVISIONS, A COMPLETE AND DETAILED REVISED PLANS CLEARLY SHOWING ALL EXISTING
- NON-COMPLYING CONDITIONS AND THE PROPOSED MODIFICATIONS TO MEET CURRENT ACCESSIBILITY REQUIREMENTS (INCLUDING SITE PLAN, FLOOR PLANS, DETAILS, ETC.) WILL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND APPROVAL.



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1/32"=1'-0" PROJECT NO: FL-0423 DRAWN: JC DATE: 06/01/23 TITLE SHEET

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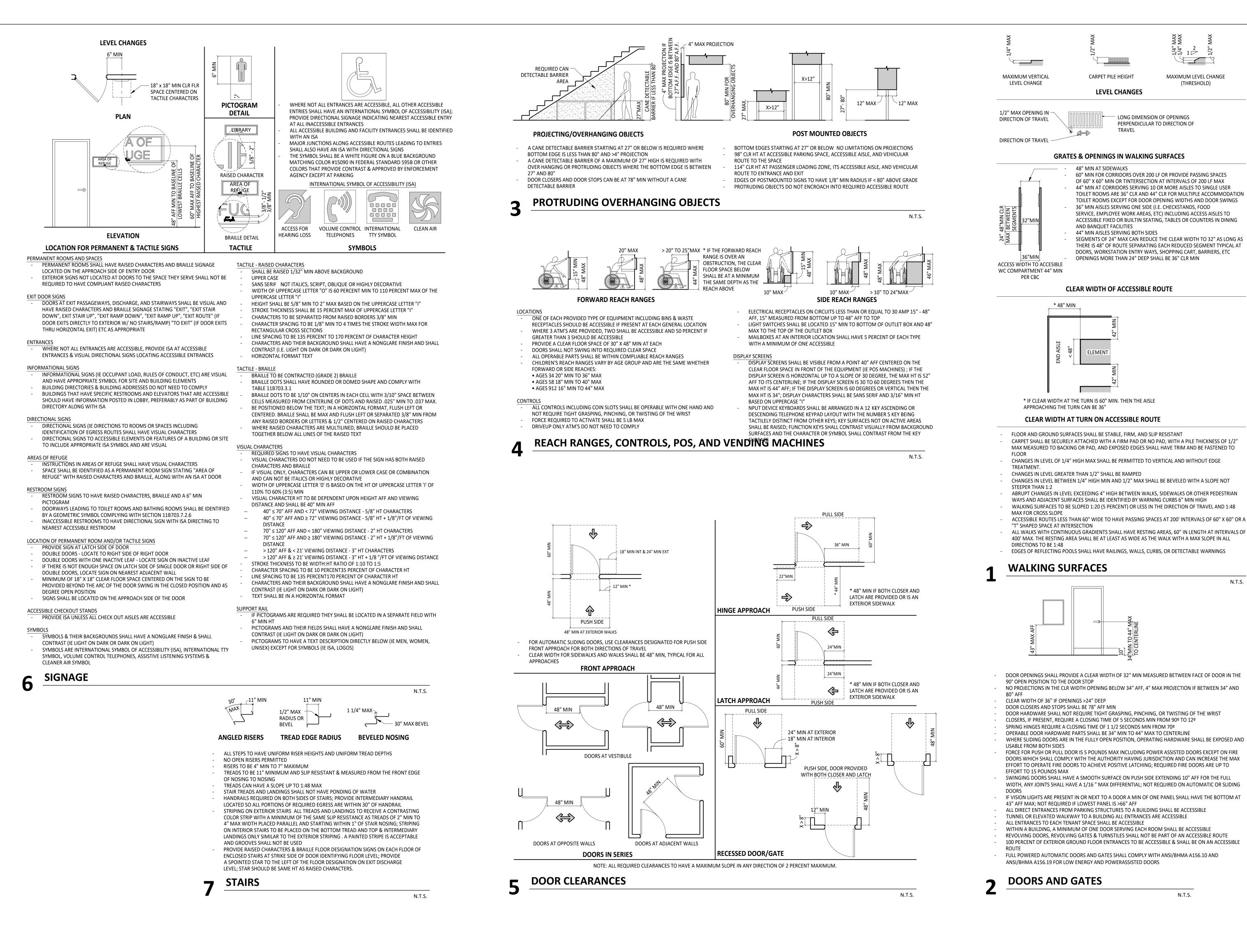
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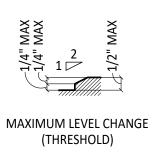
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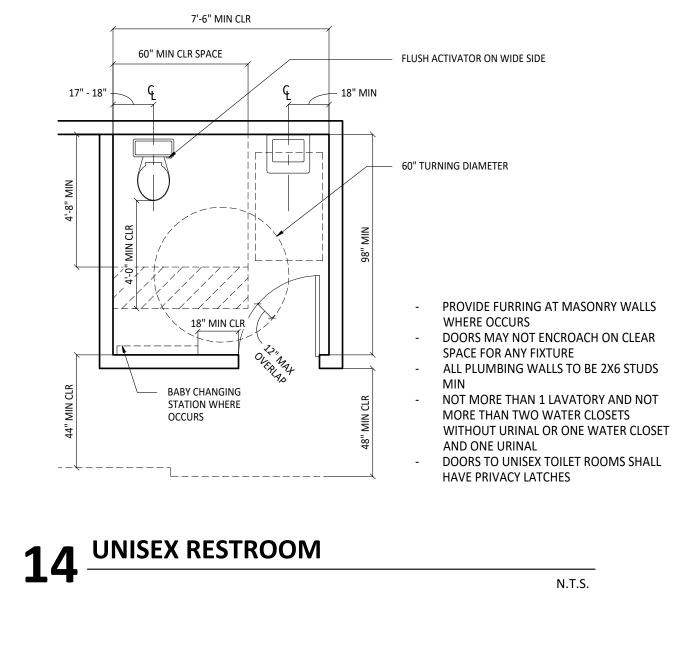
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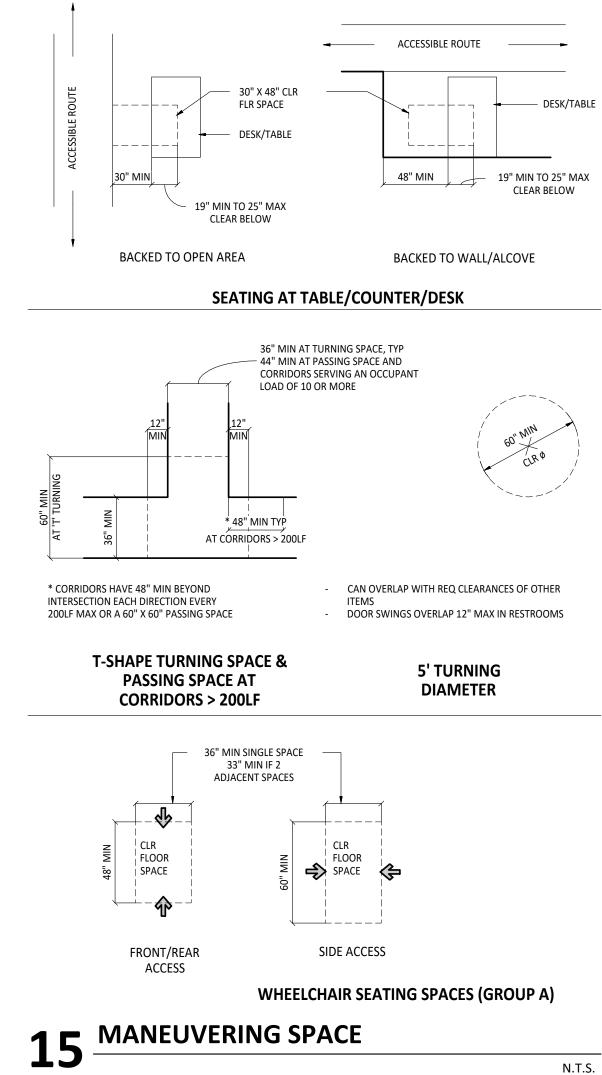
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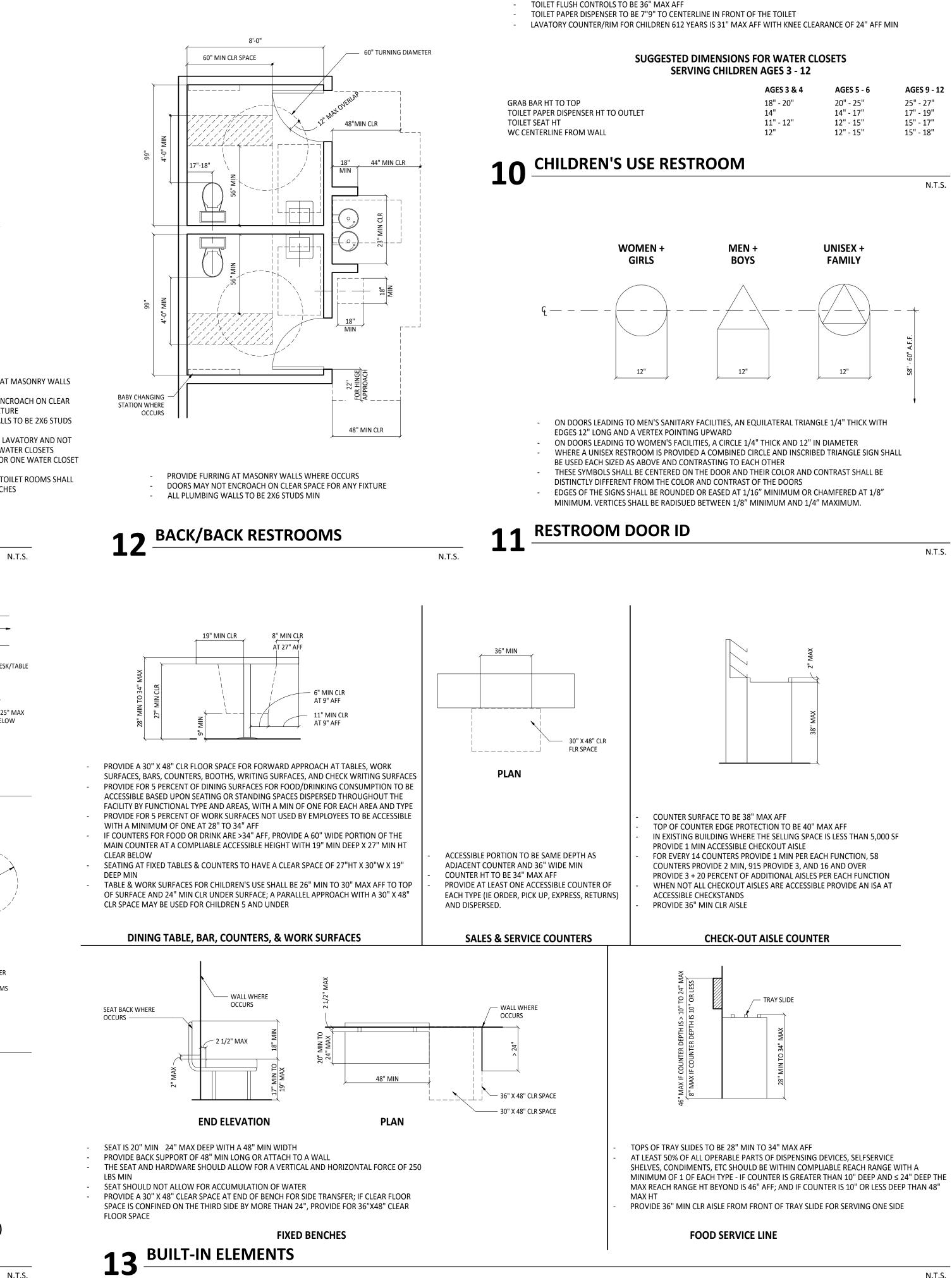
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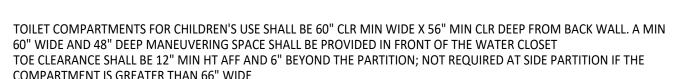
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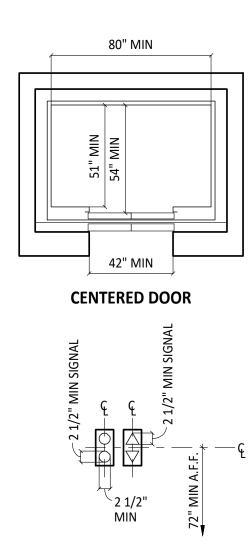






COMPARTMENT IS GREATER THAN 66" WIDE

FOR WATER CL N AGES 3 - 12	OSETS	
AGES 3 & 4	AGES 5 - 6	AGES 9 - 12
18" - 20"	20" - 25"	25" - 27"
14"	14" - 17"	17" - 19"
11" - 12"	12" - 15"	15" - 17"
12"	12" - 15"	15" - 18"



**VISIBLE HALL SIGNALS** 

HALL CALL CONTROLS CALL CONTROLS CAN BE BUTTONS OR KEYPADS; CALL BUTTONS SHALL BE RAISED OBJECTS ADJACENT TO OR BELOW SHOULD NOT PROJECT 24"

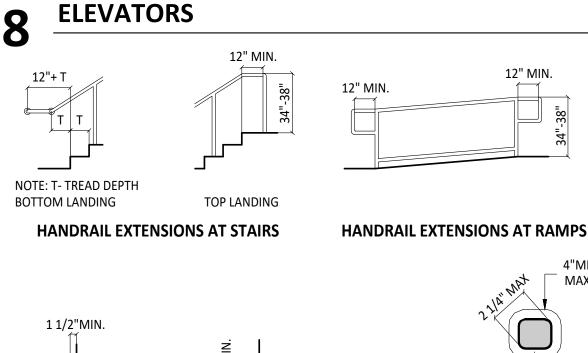
- CALL BUTTONS AND KEYPADS TO BE WITHIN COMPLIABLE REACH RANGE MEASURED TO THE CENTERLINE OF THE HIGHEST OPERABLE PART AFF AND 42" TO THE OVERALL CENTERLINE
- CALL BUTTONS TO BE 3/4" DIAMETER MIN WITH THE UP ARROW ON TOP AND DOWN ON BOTTOM AND RAISED 1/8" +/- 1/32" CALL BUTTONS TO HAVE VISIBLE SIGNALS TO INDICATE WHEN EACH CALL IS
- REGISTERED AND TO BE INTERNALLY ILLUMINATED WITH A WHITE LIGHT OVER THE ENTIRE SURFACE OF THE BUTTON
- HALL SIGNALS HALL SIGNALS TO BE VISUAL AND AUDIBLE AT EACH HOISTWAY ENTRY AUDIBLE SIGNALS SHALL SOUND ONCE FOR UP & TWICE FOR DOWN, OR SHALL HAVE VERBAL ANNUNCIATORS SAYING "UP" AND "DOWN"; AUDIBLE SIGNALS TO HAVE A FREQUENCY OF 1500 HZ. MAX; VERBAL ANNUNCIATORS SHALL HAVE A FREQUENCY BETWEEN 300 HZ TO 3000 HZ AND SHALL BE 1080 DB ABOVE AMBIENT VISUAL SIGNALS TO BE 2 1/2" X 2 1/2" MIN AND VISIBLE FROM HALL CALL

# CONTROLS PREFERABLY ARROW SHAPES HOISTWAY JAMB SIGNS

LOCATE FLOOR DESIGNATIONS ON BOTH JAMBS MOUNTED AT 60" MAX TO CENTERLINE A.F.F.

- FLOOR DESIGNATIONS TO BE BOTH 2" MIN HIGH TACTILE CHARACTERS WITH CA CONTRACTED GRADE 2 BRAILLE BELOW LOCATE A 2" TACTILE STAR TO THE LEFT OF THE CHARACTER ON BOTH JAMBS AT GRADE ENTRY LEVEL AND PER 11B407.2.3.1
- ELEVATOR DOORS AUTOMATIC HORIZONTAL SLIDING TYPE ONLY
- REOPENING DEVICE TO BE LOCATED TO SENSE AN OBSTRUCTION AT 5" AND 29" AFF AND NOT REQUIRE PHYSICAL CONTACT TO BE ACTIVATED, REMAINING EFFECTIVE FOR 20 SECONDS MIN DOORS SHALL REMAIN FULLY OPEN IN RESPONSE TO A CALL FOR 5 SECONDS
- MIN - DOOR & SIGNAL TIMING AT HALL TO COMPLY WITH 11B407.3.4
- FLOOR SURFACES CLEARANCE BETWEEN CAR PLATFORM SILL AND EDGE OF HOIST WAY
- LANDINGS TO BE 1 1/4" MAX EACH CAR TO HAVE A SELFLEVELING FEATURE TO ADJUST CARS TO WITHIN 1/2" OF THE FLOOR LANDINGS WHETHER LOADED OR NOT



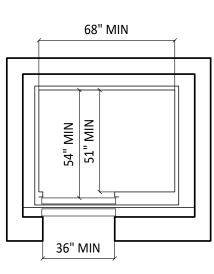




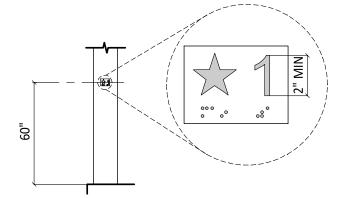
HANDRAIL CLEARANCES

N.T.S.

- HANDRAILS HANDRAILS ARE REQUIRED ON BOTH SIDES OF STAIRS AND RAMPS HANDRAILS ARE TO BE CONTINUOUS WITHIN EACH STAIR FLIGHT OR RAMP RUN WITH THE INSIDE RAILS BEING CONTINUOUS AND NOT EXTENDING INTO THE LANDING ON SWITCHBACK OR DOGLEG STAIRS AND PEDESTRIAN RAMPS. THE ORIENTATION OF AT LEAST ONE HANDRAIL SHALL BE IN THE DIRECTION OF THE STAIR RUN, PERPENDICULAR TO THE DIRECTION OF THE STAIR NOSING AND SHALL NOT REDUCE THE MINIMUM REQUIRED WIDTH
- OF THE STAIR. WHEN CHILDREN ARE PRIMARY USERS A SECOND SET OF HANDRAILS CAN BE PROVIDED WITH A SPACE OF 9" MIN BETWEEN BOTH RAILINGS WITH A MAX HEIGHT OF 28" HANDRAILS CAN BE LOCATED WITHIN A 3" MAXIMUM RECESS IF THE
- RECESS IS EXTENDED 18" MIN ABOVE THE TOP OF THE RAIL AND 1 1/2" BELOW **GRIPPING SURFACES**
- GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ON TOPS AND SIDES AND A MAXIMUM OF 20 HANDRAILS



SIDE (OFF-CENTERED) DOOR

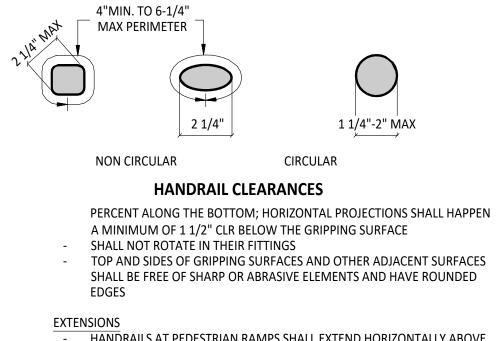


# HOISTWAY FLOOR JAMB DESIGNATIONS

ILLUMINATION - CONTROLS, PLATFORM, THRESHOLD, AND LANDING SHALL BE 5 FOOT CANDLES MIN

- CAR CONTROL BUTTONS TO BE LOCATED ADJACENT TO THE DOORS AT 48" MAX AFF TO THE HIGHEST OPERABLE PART AND ILLUMINATED W/ SQUARE SHOULDERS & ACTIVATED
- BY MECHANICAL MOTION AND IF MORE THAN ONE SET OF CONTROLS IN A CAR, ONLY 1 SET NEEDS TO COMPLY WITH HEIGHT REQUIREMENTS
- EMERGENCY CONTROL BUTTONS TO BE 35" MIN AFF GROUPED AT THE BOTTOM EITHER AS PART OF THE PANEL OR A SEPARATE PANEL BUTTONS TO BE 3/4" MIN AND ARRANGED IN ASCENDING ORDER; IF TWO COLUMNS THEY SHOULD READ FROM LEFT TO RIGHT; 3/8" MIN SPACE
- BETWEEN BUTTONS CONTROL BUTTONS TO HAVE RAISED CHARACTERS OR TACTILE SYMBOLS PER ANSI 407.4.7.1.3 AND BRAILLE IMMEDIATELY TO THE LEFT OF THE BUTTON 3/16" MIN FROM RAISED CHARACTEROR SYMBOL (CA CONTRACTED GRADE 2 BRAILLE) NUMERICAL HEIGHT TO BE 5/8" MIN AND:
- RAISED 1/8" +/ 1/32" ABOVE SURFACE BRAILLE TO BE BELOW NUMERALS • RAISED CHARACTERS TO BE WHITE ON BLACK PLACE RAISED STAR ALONG SIDE OF MAIN EXIT FLOOR NUMBER CAR POSITION INDICATOR CHARACTERS TO BE 1/2" MIN HEIGHT AND LOCATED
- ABOVE CAR CONTROL PANEL OR DOOR WHEN A CAR PASSES OR STOPS AT A FLOOR SERVED BY AN ELEVATOR, THE CORRESPONDING CHARACTER SHALL ILLUMINATE PROVIDE A VERBAL ENUNCIATOR BETWEEN 2001,500 HZ AND IS 80 DBA MAX
- ABOVE AMBIENT +10 DB MIN ABOVE AMBIENT. VERBAL ANNUNCIATOR SHOULD BE PROVIDED ANNOUNCING THE FLOOR WHICH THE CAR WILL STOP AT; IF THE ELEVATOR SPEED IS  $\leq$  200' PER MINUTE A NONVERBAL AUDIBLE SIGNAL MAYBE USED OF 1500 HZ MAX WHICH SOUNDS WHEN A CAR PASSES OR IS ABOUT TO STOP AT A FLOOR EMERGENCY 2WAY COMMUNICATION SYSTEM SHALL BE WITHIN
- COMPLIABLE REACH RANGE AND HAVE COMPLIABLE BRAILLE AND RAISED CHARACTERS ADJACENT TO THE DEVICE. THE PHONE IS 48" MAX AFF WITH 29" MIN LENGTH HANDSET CORD AND IF LOCATED IN A CLOSED COMPARTMENT, LATCH SHALL NOT REQUIRE TIGHT GRASPING, PINCHING,

SUPPORT RAIL PROVIDE SMOOTH HANDRAIL ON ONE WALL, PREFERABLY AT REAR AT 31" MIN. 33" MAX AFF, 1 1/2" MIN CLEAR FROM WALL, AND THE ENDS OF THE SUPPORT RAILS SHALL BE 6" MAX FROM ADJACENT WALLS



STAIRS

RAMPS

HANDRAIL HEIGHTS

- HANDRAILS AT PEDESTRIAN RAMPS SHALL EXTEND HORIZONTALLY ABOVE THE TOP AND BOTTOM LANDINGS FOR 12" MIN AND SHALL RETURN TO A WALL, POST, OR THE LANDING SURFACE HANDRAILS AT STAIRS SHALL EXTEND HORIZONTALLY ABOVE THE TOP LANDING 12" MIN FROM THE RISER NOSING; SHALL EXTEND AT THE SAME SLOPE AS THE STAIRS THE HORIZONTAL DISTANCE OF ONE TREAD WIDTH PLUS 12" HORIZONTAL FROM THE BOTTOM NOSING
- EXTENSIONS SHALL BE MEASURED TO THE SPRING POINT OF THE RADIUS EXTENSIONS FOR TOP AND BOTTOM SHALL RETURN TO A WALL, FLOOR, OR POST; IF RETURNING TO A POST, BOTTOM OF THE RETURN RAIL TO BE 27" MAX A.F.F.



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NOTE: ELEVATORS TO COMPLY WITH ASME A17.1. ALL PASSENGER ELEVATORS TO BE ACCESSIBLE AND ON AN ACCESSIBLE ROUTE

OR TWISTING OF THE WRIST AND REQUIRES A FORCE OF 5 POUNDS MAX

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**GENERAL ADA NOTES** 

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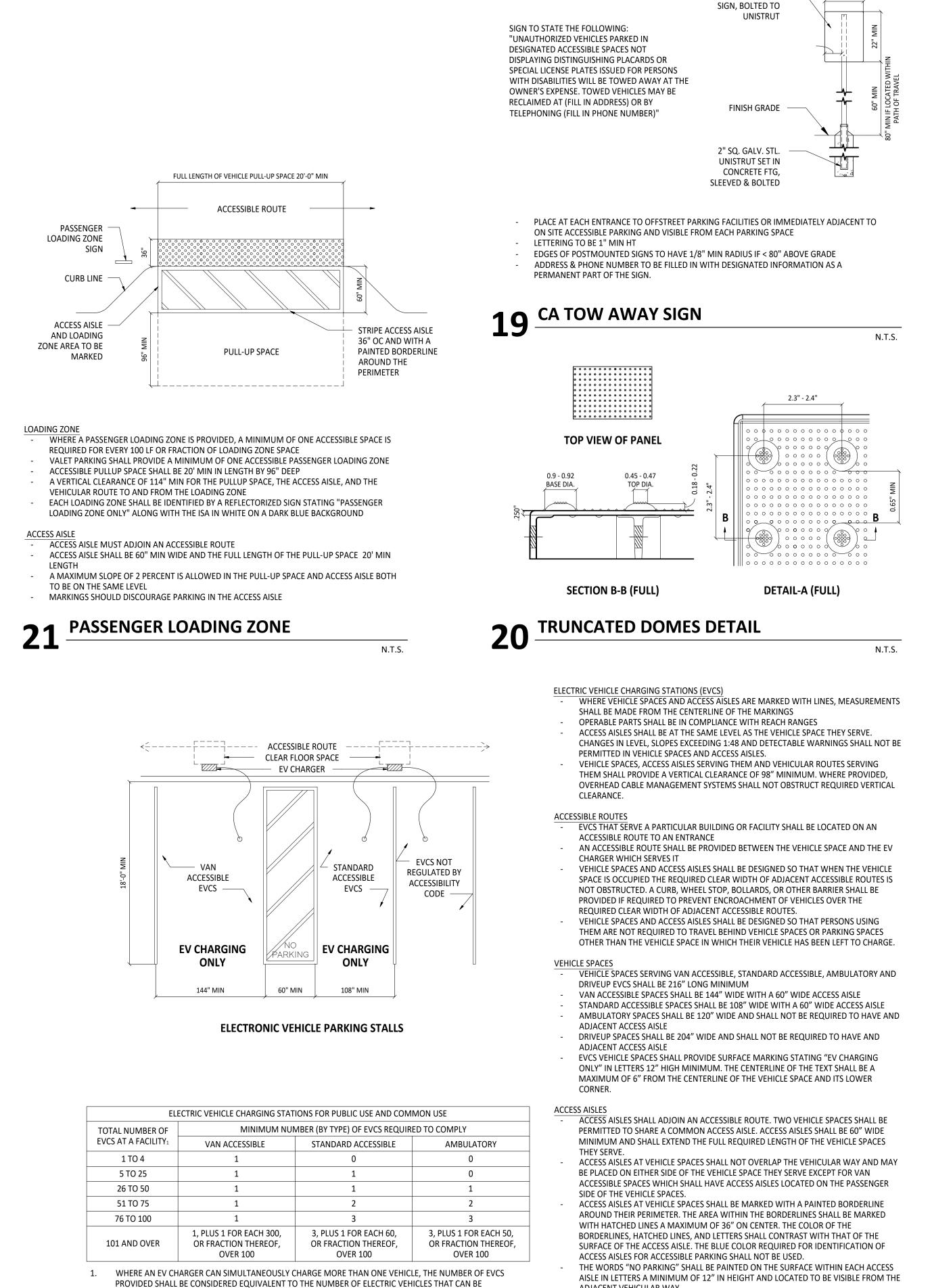
WALKING SURFACES

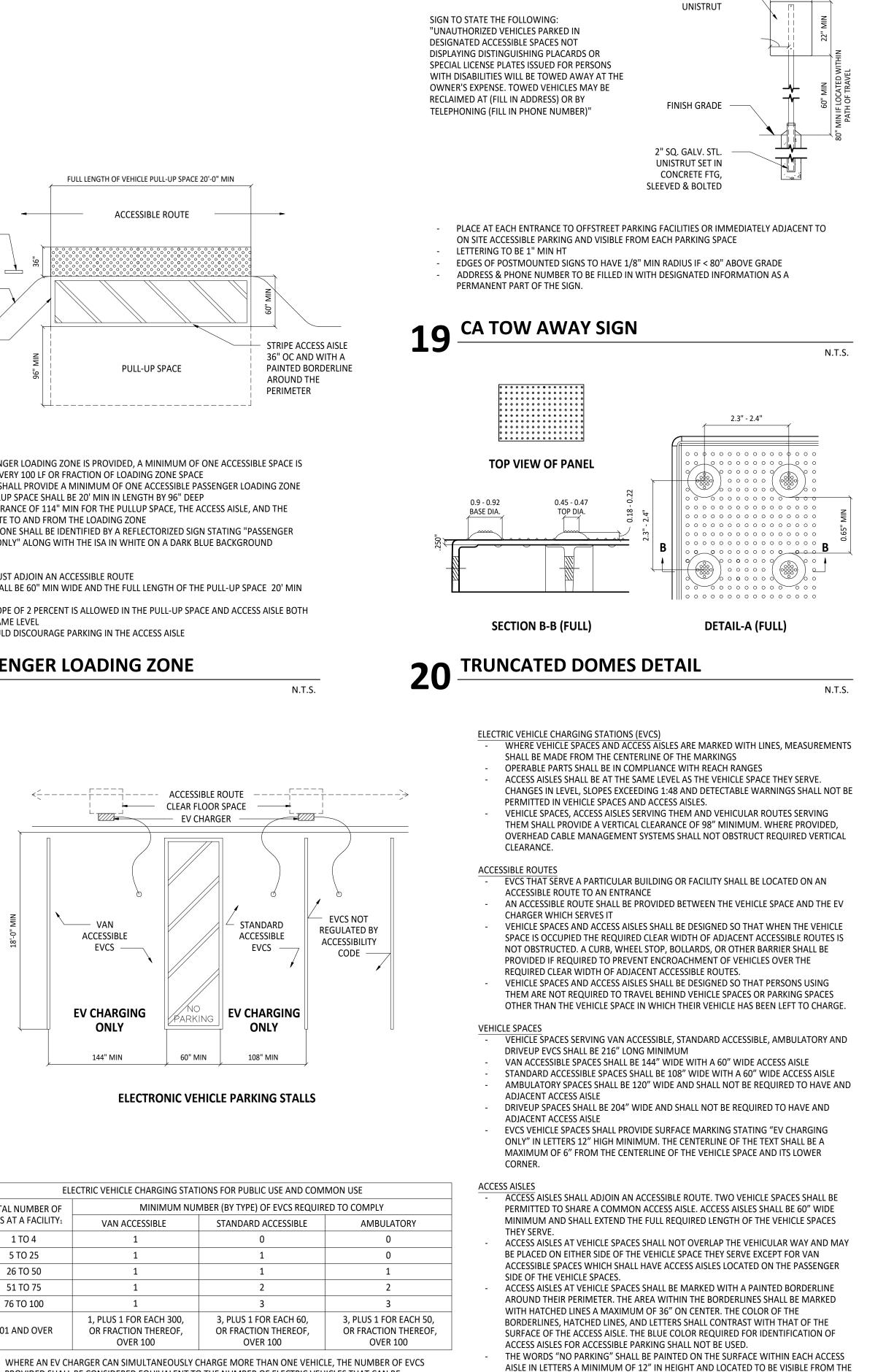
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ADJACENT VEHICULAR WAY.

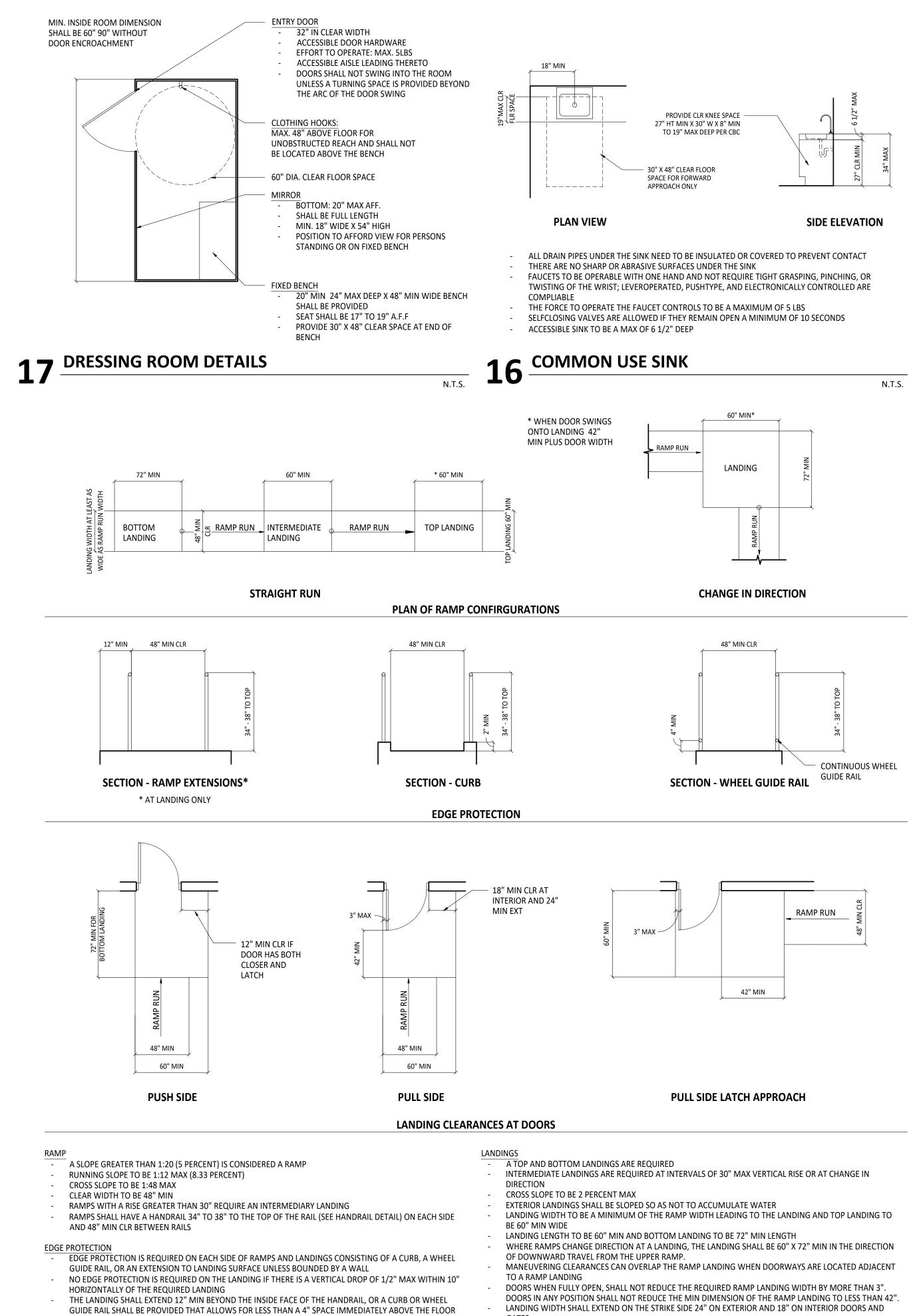
EVCS SIGNS SHALL BE PROVIDED AS REQUIRED

REFLECTORIZED

17" MIN

EL	ECTRIC VEHIC
TOTAL NUMBER OF EVCS AT A FACILITY1	VAN
1 TO 4	
5 TO 25	
26 TO 50	
51 TO 75	
76 TO 100	
101 AND OVER	1, PLUS 1 OR FRAC O
1. WHERE AN EV CH PROVIDED SHALL SIMULTANEOUSI	BE CONSIDER

22 ELECTRONIC VEHICLE PARKING



- SURFACE PROVIDE A 2" MIN HT CURB OR A WHEEL GUIDE RAIL MOUNTED 2" TO 4" ABOVE THE GROUND IF A RAMP IS GREATER THAN 30" ABOVE THE ADJACENT GRADE, PROVIDE A CONTINUOUS GUARD RAIL AT 42" MIN HT FOR THE FULL LENGTH OF THE RAMP; GUARD OPENINGS IF ANY ARE REQUIRED TO HAVE LESS THAN A 4" SPACE
- **18** PEDESTRIAN RAMPS

GATES AT DOOR LANDINGS, HANDRAILS ARE NOT REQUIRED ON RAMP RUNS LESS THAN 6" IN RISE OR 72" IN LENGTH.

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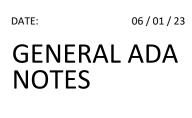


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SHEET NO:

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**KEDO** DESIGN Space Planning & Interior Design 990 Highland Drive

Suite 110A Solana Beach, CA 92075

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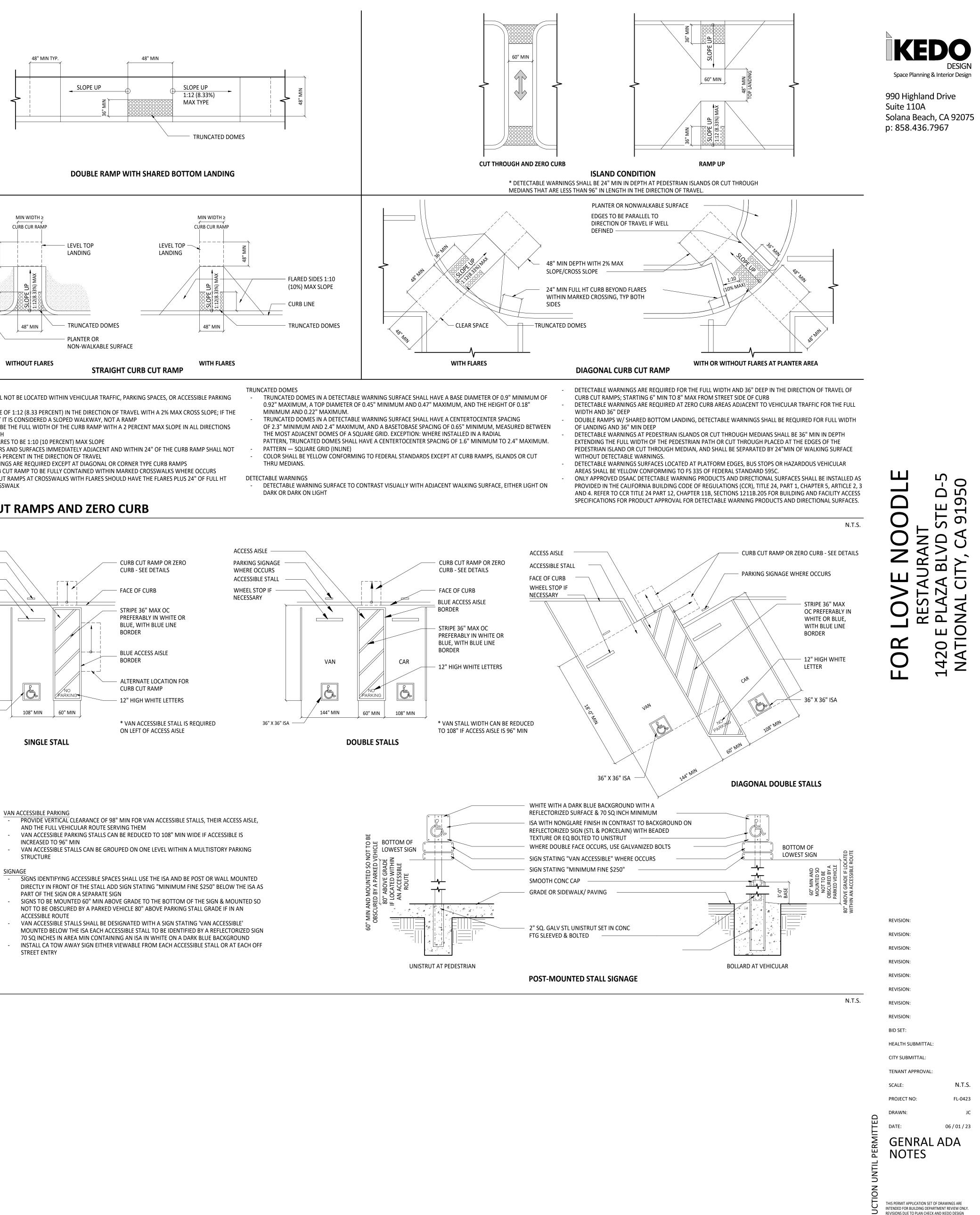
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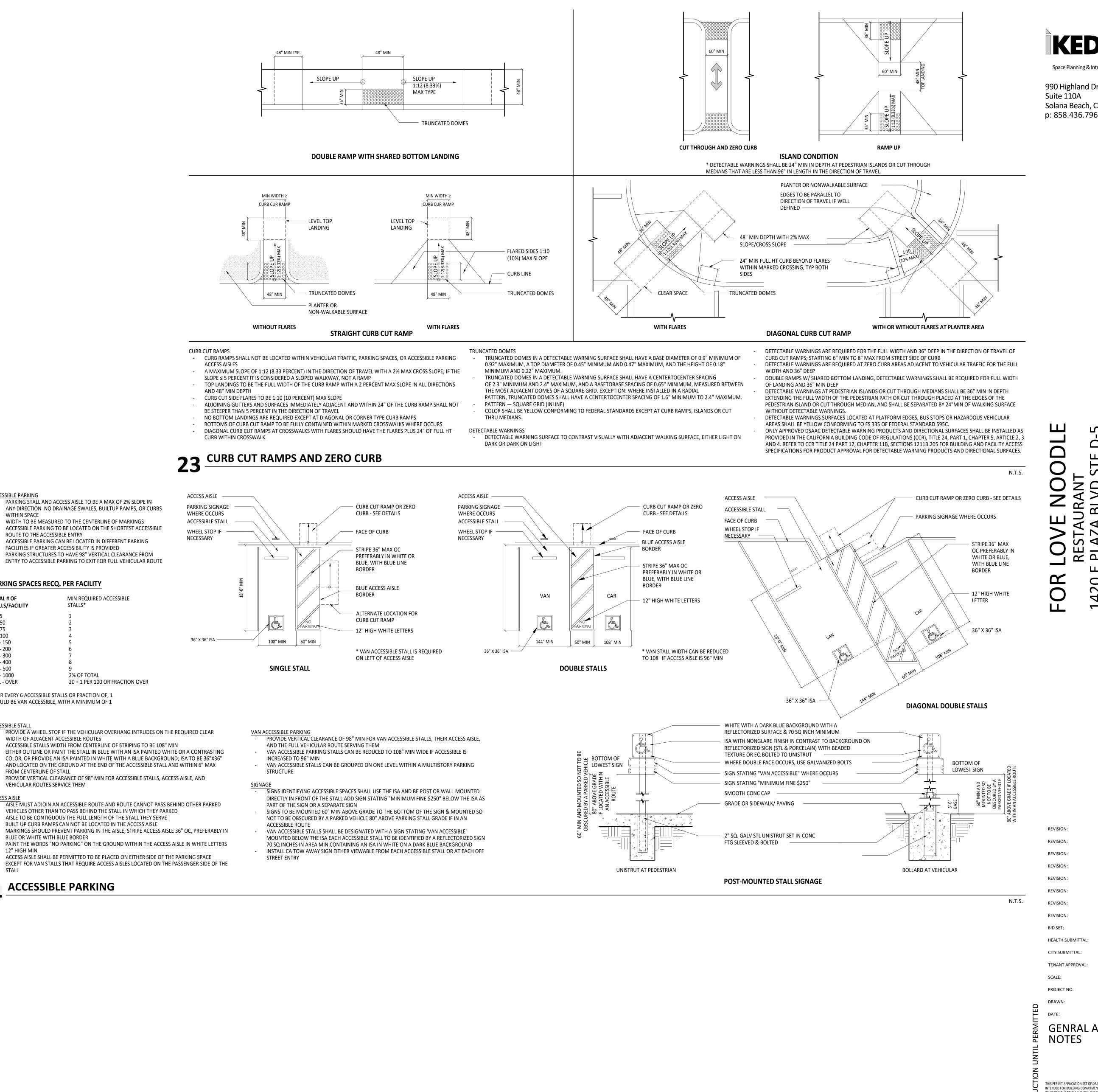
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# ACCESSIBLE STALL

ACCESSIBLE PARKING

TOTAL # OF

1 - 25

26 - 50

51 - 75

76 - 100

101 - 150

151 - 200

201 - 300

301 - 400

401 - 500 501 - 1000

1001 - OVER

STALLS/FACILITY

WITHIN SPACE

ROUTE TO THE ACCESSIBLE ENTRY

PARKING SPACES RECQ. PER FACILITY

\* FOR EVERY 6 ACCESSIBLE STALLS OR FRACTION OF, 1

SHOULD BE VAN ACCESSIBLE, WITH A MINIMUM OF 1

FACILITIES IF GREATER ACCESSIBILITY IS PROVIDED

STALLS\*

2% OF TOTAL

- PROVIDE A WHEEL STOP IF THE VEHICULAR OVERHANG INTRUDES ON THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES ACCESSIBLE STALLS WIDTH FROM CENTERLINE OF STRIPING TO BE 108" MIN
- EITHER OUTLINE OR PAINT THE STALL IN BLUE WITH AN ISA PAINTED WHITE OR A CONTRASTING COLOR, OR PROVIDE AN ISA PAINTED IN WHITE WITH A BLUE BACKGROUND; ISA TO BE 36"X36" AND LOCATED ON THE GROUND AT THE END OF THE ACCESSIBLE STALL AND WITHIN 6" MAX
- FROM CENTERLINE OF STALL PROVIDE VERTICAL CLEARANCE OF 98" MIN FOR ACCESSIBLE STALLS, ACCESS AISLE, AND VEHICULAR ROUTES SERVICE THEM
- ACCESS AISLE AISLE MUST ADJOIN AN ACCESSIBLE ROUTE AND ROUTE CANNOT PASS BEHIND OTHER PARKED VEHICLES OTHER THAN TO PASS BEHIND THE STALL IN WHICH THEY PARKED AISLE TO BE CONTIGUOUS THE FULL LENGTH OF THE STALL THEY SERVE
- BUILT UP CURB RAMPS CAN NOT BE LOCATED IN THE ACCESS AISLE MARKINGS SHOULD PREVENT PARKING IN THE AISLE; STRIPE ACCESS AISLE 36" OC, PREFERABLY IN
- BLUE OR WHITE WITH BLUE BORDER PAINT THE WORDS "NO PARKING" ON THE GROUND WITHIN THE ACCESS AISLE IN WHITE LETTERS
- 12" HIGH MIN ACCESS AISLE SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR VAN STALLS THAT REQUIRE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE STALL

# 24 ACCESSIBLE PARKING

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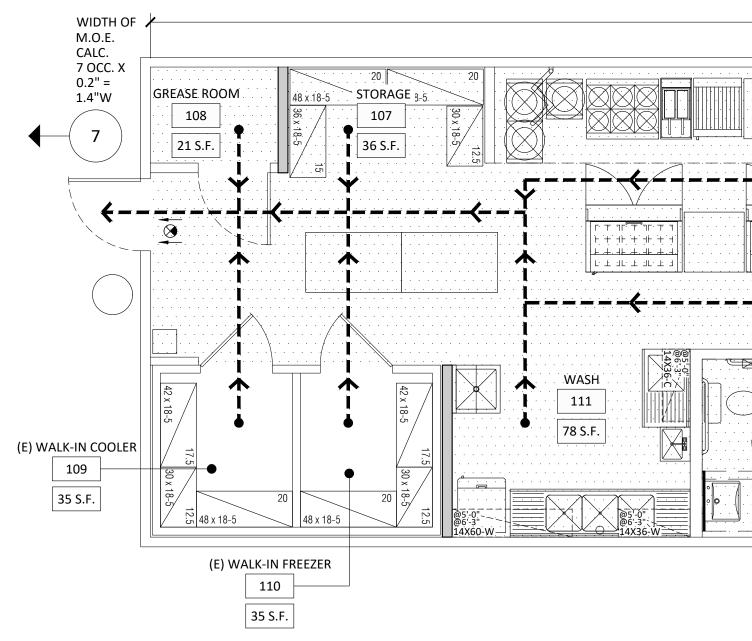
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FL-0423

REVIEW/COORDINATION MAY BE REQUIRED.

SHEET NO:

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EXIT ANALYSIS PLAN 1

	©5-0" @6-3" ₩ -Ţ II Ţ I 14X48-C <u>T II ▼ I</u>   + + + + + + + +   L ⊥ J ⊥ ⊥ J ↓ SERVER 105	Сарания и советной сов	 RVER 04	
F T T T T T T T T F + TF + TF T T F + TF + T	111 S.F. UNISEX 113	+ + + + + + + + + + + + + + + + + + +	S.F.	
(E) UNISEX 112 59 S.F.	56 S.F. 56	$\begin{array}{c} + & + & + & + & + & + & + & + & + & + $		+     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +     +

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99'-3"



ACCUMULATED OCCUPANT LOAD SYMBOL

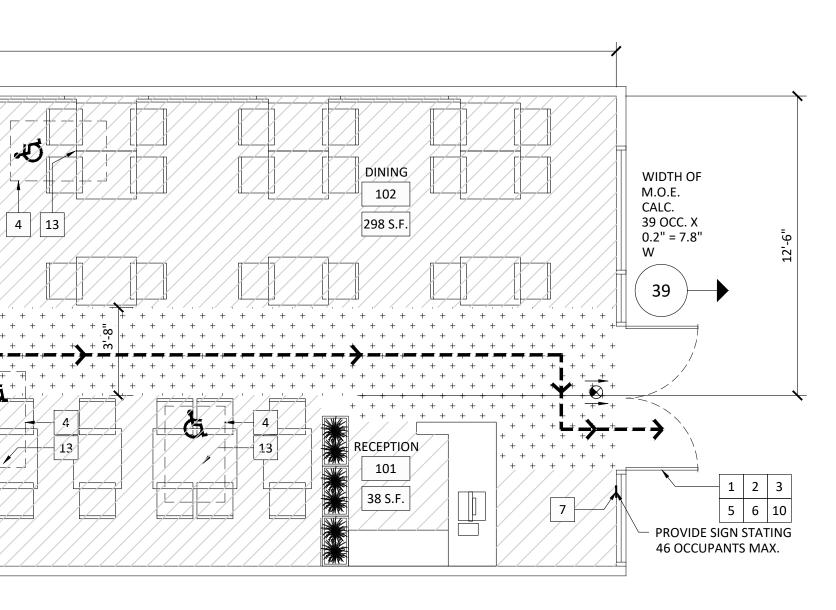
OCCUPANT LOAD WITH DIRECTION OF EGRESS INDICATED BY ARROW

TRAVELING DISTANCE.

RCFPD

ACCESSIBLE EXIT PATH OF TRAVEL  $\otimes$   $\otimes$ 

34 )



1/4" = 1'-0"

TRUE PROJECT

KEYNOT	ES
1	EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT TH OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. FLUSH BOLT OR SUR BOLT ARE PROHIBITED.
2	POST A SIGN ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITI STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE (PER 2019 CBC SECT.1010.1.9.3-2.2) MAIN EXIT ONLY.
3	REQUIRED TACTILE "EXIT ROUTE" SIGN (PER 2019 CBC 11B-703.1 THROUGH 703.5 AS REQ.)
4	30"x48" HC ACCESSIBLE CLEAR SPACE
5	EXISTING PANIC HARDWARE. PER CBC SEC.1008.1.10
6	REQUIRED LEVEL LANDING ON EACH SIDE AT EXIT DOOR.
7	REQUIRED OCCUPANT LOAD SIGN.
8	2A10BC RATED FIRE EXTINGUISHER.
9	CLASS K FIRE EXTINGUISHER.
10	INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN.
11	PICTOGRAM SIGN (PER 2019 CBC SECT.11B-703.6 THROUGH 703.
12	TOILET AND BATHING FACILITIES GEOMETRIC SYMBOLS (PER 201: SECT.11B-703.7.2.6).
12	

13 ADA ACCESSIBLE COUNTER/ TABLE

# **BUILDING OCCUPANTS LOAD CALCULATION**

	INTERIOR- DINING	SQ.FT. CALCULATION	OCCUPANT CALC	JLATION
	#102 DINING: #103 DINING:	298 284	= 298 S.F./ 15 = 284 S.F./ 15	= 20 OCC. = 19 OCC.
-	DINING TOTAL:		= 582 S.F.	= 39 OCC.
	INTERIOR - OTHERS #104 SERVER #105 SERVER #106 KITCHEN #107 STORAGE #108 GREASE ROOM #111 WASH #112 (E) UNISEX #113 UNISEX	108 + 111 + 121 + 36 + 21 + 78 + 59 + 56	= 590 S.F./ 200	= 3 OCC.
+ + + + + + + + + + + + + + + + + + + +	#101 RECEPTION #114 HALLWAY:	38 302	= 340 S.F./ 100	= 4 OCC.
-	OTHERS TOTAL:		= 930 S.F.	= 7 OCC.
	EXCLUDED #109 (E) WALK-IN COOLER #110 (E) WALK-IN FREEZER			

EXCLUDED TOTAL: 35 + 35 TOTAL:

= 70 S.F. = 1,582 S.F. = 46 OCC.

**FIRE NOTES** 

- 1. EXITS, EXIT SIGNS, AND FIRE EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRROR, OR OTHER DECORATIVE MATERIAL.
- 2. OPEN FLAMES, FIRE, AND BURNING ON ALL PREMISES IS PROHIBITED EXCEPT AS SPECIFICALLY PERMITTED BY THE CITY OF SAN DIEGO AND CFC 308.
- 3. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.

# NOTES

- 2. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, WILL BE ILLUMINATED TO A LEVEL OF NOT LESS THAN ONE FOOT-CANDLE AT THE WALKING SURFACE AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. [CBC SECTIONS 1008.1; 1008.2]
- PROJECT NOTES

1. ALL STORAGE RACKS ARE MOVEABLE.

- 1. NOTIFY IKEDO DESIGN OF ANY DISCREPANCIES WITH PLANS. CALL TO OBTAIN CLARIFICATION PRIOR TO CONSTRUCTION/ INSTALLATION/ ORDERING.
- 2. CALL IKEDO DESIGN IF DESIGN INTENT IS NOT CLEAR. AT NO TIME IS THE CONTRACTOR TO ASSUME OR GUESS IKEDO DESIGN'S DESIGN INTENT.
- 3. GENERAL CONTRACTOR IS TO INFORM IKEDO DESIGN IMMEDIATELY IF THERE ARE ANY DIMENSIONAL DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.

EMERGENCY EXIT SIGN LIGHTS. PROVIDE (2) SEPARATE SOURCES OF POWER (W/ EXIT LIGHTS - IF REQUIRED) 100 FT. MAX. NOTE: RELOCATED FIRE EXTINGUISHER MOUNT AT HGT REQ.

> THE USE URFACE

WITH 1" LETTERING ACE IS OCCUPIED."



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CITY SUBMITTAL: TENANT APPROVAL: 1/4" = 1'-0" SCALE: PROJECT NO: DRAWN: DATE:

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FL-0423 JC 06/01/23

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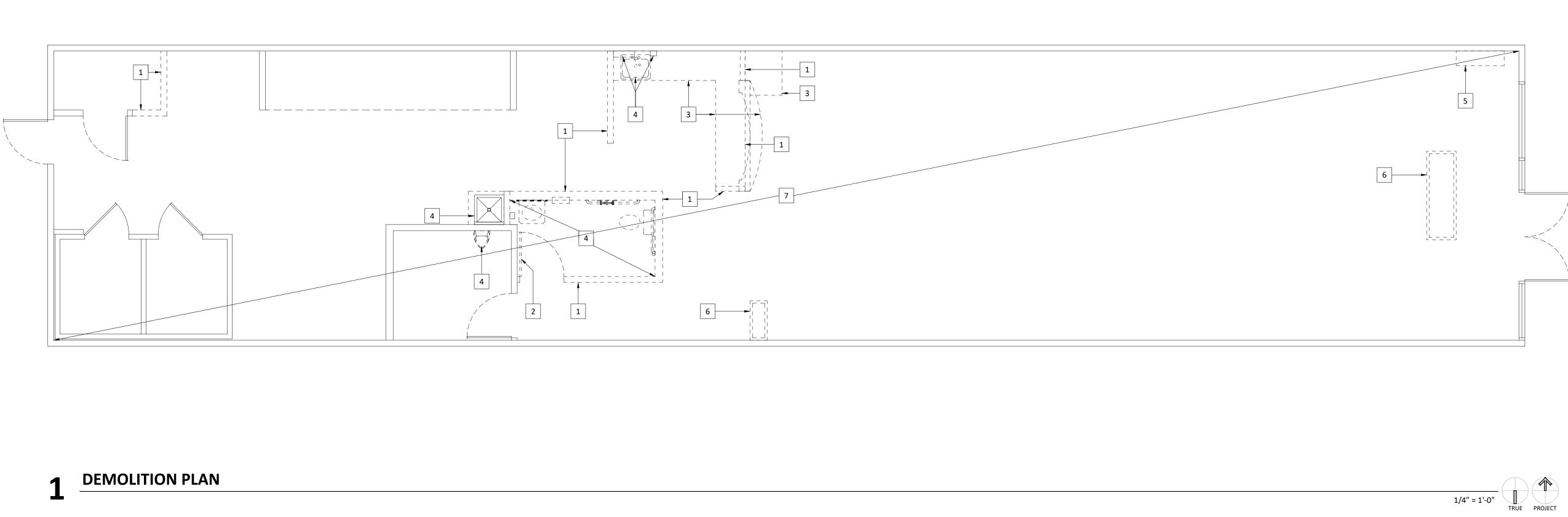
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03.6.3). 019 CBC. F./ 15 = 20 OCC. F./ 15 = 19 OCC.



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# DEMOLITION/ EXISTING LEGEND

EXISTING PARTITION TO REMAIN AS IS INDICATED.  $\Box$   $\Box$   $\Box$   $\Box$   $\Box$  DEMOLISH AS INDICATED.

# KEYNOTES

1 REMOVE WALL ASSEMBLY AS INDICATED.

2 REMOVE DOOR / FRAME / HARDWARE AS INDICATED.

3 REMOVE COUNTER AS INDICATED.

4 REMOVE PLUMBING FIXTURE & SALVAGE FOR FUTURE USE.

5 REMOVE WALL SCULPTURE AS INDICATED.

6 REMOVE PLANTER POT AS INDICATED.

7 REMOVE SUSPENDED CEILING SYSTEM.

**PROJECT NOTES** 

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3. GENERAL CONTRACTOR IS TO INFORM IKEDO DESIGN IMMEDIATELY IF THERE ARE ANY DIMENSIONAL DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.



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# **E NOODLE** URANT NBLVD STE D-5 ITY, CA 91950 AUE AUE REST 1420 E PLAZ NATIONAL ( O FOR

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A2.0

SHEET NO:

DEMOLITION PLAN

PROJECT NO: DRAWN: DATE:

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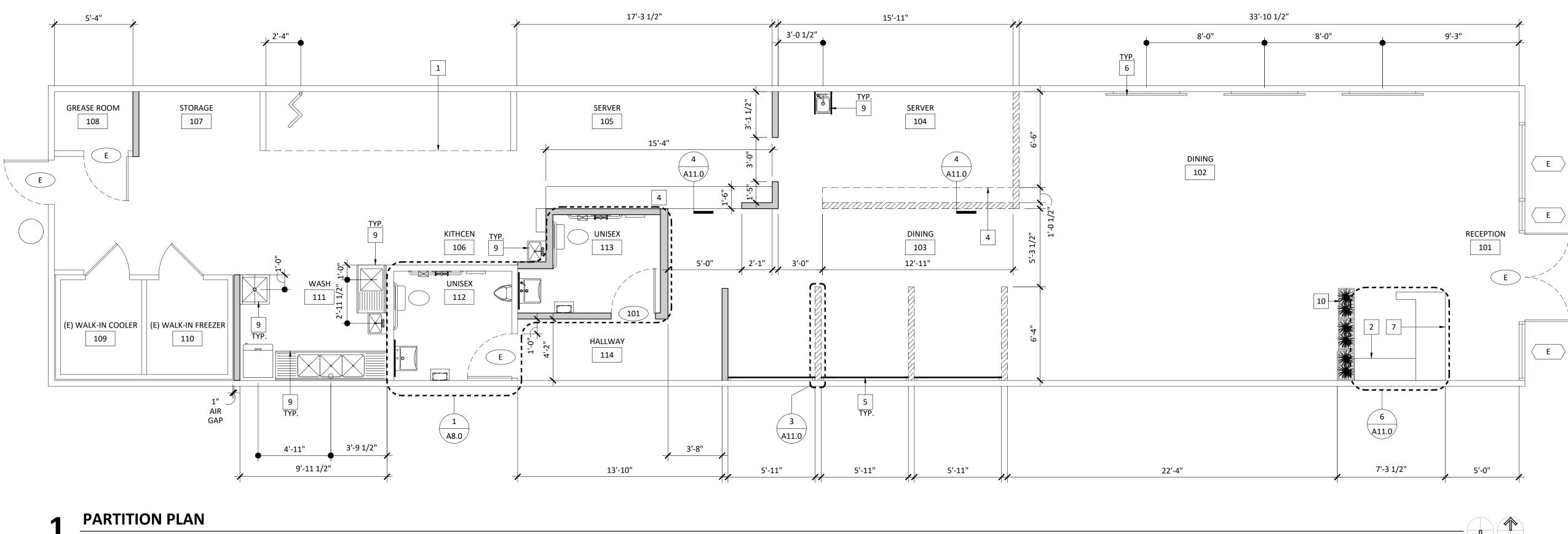
HEALTH SUBMITTAL:

TENANT APPROVAL:

CITY SUBMITTAL:

1/4" = 1'-0" FL-0423 06/01/23

JC

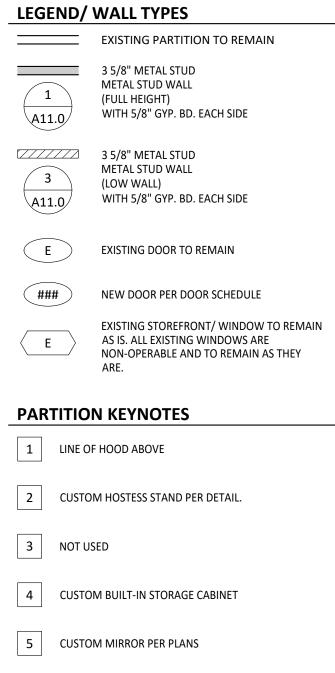


**1** PARTITION PLAN

# 

		SIZES				ES, COORDINATE MANUFACTURI		NING	-	SHALL BE TIN STEEL CASING OTHER WISE N	G FRAME							
TION	DOOR				FRAMING/ JAMB			GLAZ.		DE	TAILS		HARDWARE	REMARKS				
DISCRIP	N N						FIN	IISH		FIN	IISH							
DIS	DO	WIDTH	HEIGHT	THICK.	TYPE	MATERIAL	HINGE	OPP. SIDE	MATERIAL	HINGE	OPP. SIDE		HEAD	LEFT JAMB	RIGHT JAMB	THRESHOLD		
UNISEX	101	3'-0"	7'-0"	1 3/4"	A	SC	FF	FF	НМ	FF	FF	-	1/A11.2	2/A11.2	2/A11.2		H3, H8, H9, H10, H11, H17	

	HARD	)WA	RE S	CHE	DULE
LABEL	ITEM DESCRIPTION	MANUFAC TURER	PART NO.	FINISH	REMARKS
H1	ENTRY LOCKSET/ DEADBOLT				
H2	MORTISE LOCKSET				
H3	CYLINDRICAL LOCKSET				
H4	PULL HANDLE BAR				
H5	KEYLESS LEVER / KNOB				
H6	PANIC HARDWARE				
H7	CONCEALED CLOSER				
H8	OVERHEAD CLOSER				
H9	STRIKE				
H10	HINGES				
H11	STOP				
H12	WEATHER STRIPPING, GASKET, & SILL SWEEP				
H13	THRESHOLD				
H14	PUSH PLATE				
H15	KICK PLATE				
H16	CABINET PULL / KNOB				
H17	MEN / WOMEN SIGN				
H18	RESTROOM SIGN				



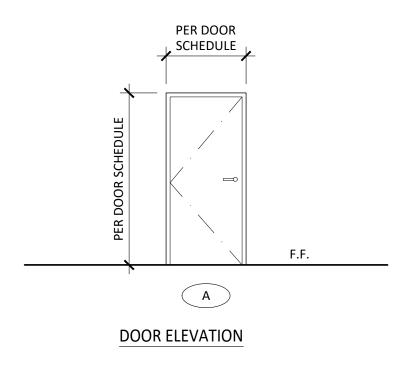
6 CUSTOM PANEL PER CORRESPONDING DETAIL.

7 COUNTER TOP PER PLANS.

8 NOT USED.

9 EQUIPMENT PER PLAN AND SCHED.

10 PLANTER PER PLAN.



1/4" = 1'-0"

# **PROJECT NOTES**

- 1. NOTIFY IKEDO DESIGN OF ANY DISCREPANCIES WITH PLANS. CALL TO OBTAIN CLARIFICATION PRIOR TO CONSTRUCTION/ INSTALLATION/ ORDERING.
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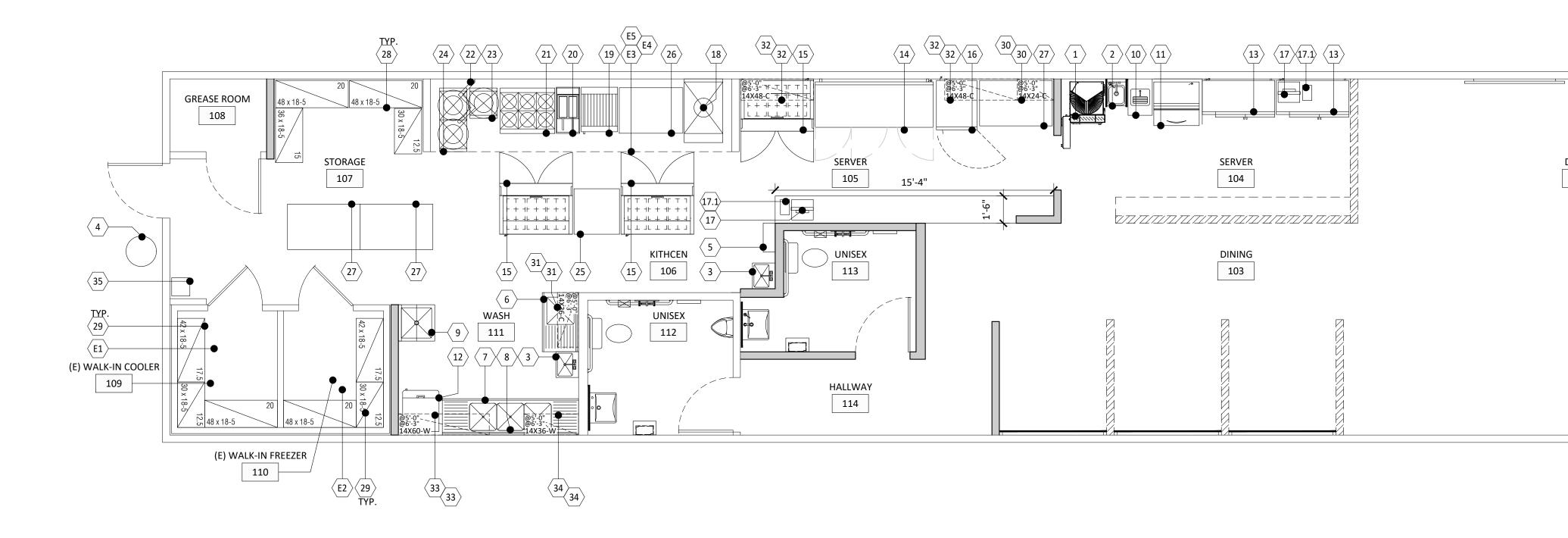
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**REVISION:** 

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# 1 EQUIPMENT PLAN

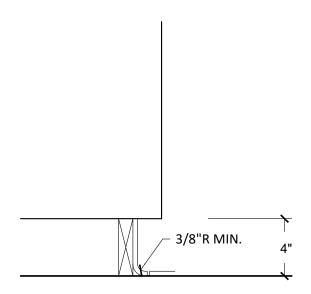
1		1		FOOD EQI					_								
ITEM NO.	QTY.	DESCRIPTION	MANUFACTURER	MODEL NO.		E	LECTRICA			1				PLUN	/BING	G	GAS
NO.					BASE	VOLT	AMPS	НР	КW	CONN	HW	cw	DRN	ТҮРЕ	REMARKS	SIZE	BTU
1	1	UNDERCOUNTER DISHWASHER LOW TEMP.	AUTO-CHLOR	UCRGLASSWASHER	LEGS	115/60/1	20			PLUG		1/2"	2"	INDIRECT	DRAIN TO FLOOR SINK		
2	1	HANDSINK + SOAP & TOWEL DISPENSER (W/ SPLASHGUARDS)	KROWNE	KR24-1C	WALL						1/2"	1/2"	1 1/2"	DIRECT			
3	2	HAND SINK W/ INTEGRATED SPLASH GUARDS, FAUCET + SOAP + TOWEL DISPENSER	GSW USA	HS-1615TSSG OR EQUAL	WALL						1/2"	1/2"	1 1/2"	DIRECT			
4	1	CO2 TANK	PROVIDED BY OWNE	ER'S VENDOR						PLUG							
5	1	WATER HEATER	PER PLUMBING PLA	N													
6	1	ONE COMPARTMENT SINK (BOWL SIZE: 18" X 24" X 14")	JOHN BOOS	1B184-1D18L	LEGS						1/2"	1/2"	3 1/2"	INDIRECT	DRAIN TO FLOOR SINK		
	1												-				
7	1	3 COMPARTMENT SINK; BOWL SIZE 18"W X 18"D X 12"H	JOHN BOOS	E3S8-18-14T18	LEGS						1/2"	1/2"	3 1/2"	INDIRECT	DRAIN TO GREASE WASTE LINE		
8	1	PRE-RINSE SPRAYER W/ ADD-ON FAUCET - 14" SPOUT	T&S	B-0133-A14-B08							1/2"	1/2"					
9	1	24" X 24" MOP SINK + CLEANING SUPPLY SHELVES/CABINETS: (1) @ 5'-4" A.F.F. & (1) @ 6'-7" A.F.F., FAUCET W/ VACUUM BREAKER	-	-	FLOOR						1/2"	1/2"	2"	DIRECT	DRAIN TO GREASE TRAP/FLOOR SINK		
10	1	WATER STATION WITH DRIP PAN	T&S	5GF-8P-WS								1/2"	1-1/4"	INDIRECT	DRAIN TO FLOOR SINK		
11	1	30" ICE MAKER	ICE-O-MATIC	ICEU300HA	LEGS	115/60/1				PLUG		3/8"	3/4"		SELF-CONTAINED		
12	1	UNDERCOUNTER DISHWASHER LOW TEMP.	AUTO-CHLOR	U34 SPACE SAVER	LEGS	115/60/1	20			PLUG	1/2"		2"	INDIRECT	DRAIN TO FLOOR SINK		
13	2	BACK BAR COOLER W/ TOP (47-7/8" X 24-1/4" X 34-1/4")	TRUE	TBB-24GAL-48G-S-HC- LD	CASTERS	115/60/1	2.1	1/5		NEMA 5-15 PLUG					SELF-CONTAINED		
14	1	REACH IN REF. (78-1/8" X 29-1/2" X 78-3/8")	TRUE	тѕ-72-нс	CASTERS	115/60/1	6.9	3/4		NEMA 5-15 PLUG					SELF-CONTAINED		
15	3	SANDWICH/ SALAD UNIT (48-1/4" X 34" X 39")	TURBO AIR	MST-48-18-N	CASTERS	115/60/1	4.4	1/3		NEMA 5-15 PLUG					SELF-CONTAINED		
16	1	GLASS DOOR MERCHANDISER REF. (24-7/8" X 23-1/8" X 62-3/8")	TRUE	GDM-12-HC~TSL01		115/60/1	2.0	1/6		NEMA 5-15 PLUG					SELF-CONTAINED		
17	2	POS SYSTEM. COORDINATE FINAL LOCATION WITH CLIENT.	PER OWNER'S VEND	OR; VERIFY UTILITIES		110				PLUG							
17.1	2	PRINTER (COORDINATE WITH POS SYSTEM PROVIDER)	PER OWNER'S VEND	OR; VERIFY UTILITIES		110				PLUG							
18	1	SS CHINESE WOK RANGE (48" X 42" X 62")	ALL STRONG	CUSTOM	LEGS							1/2"	2"	INDIRECT	DRAIN TO FLOOR SINK	3/4"	125,00
19	1	RADIANT CHAR-BROILERS W/ STAND & CASTERS	IMPERIAL	IRB-24	LEGS											3/4"	60,00
20	1	FRIALATOR FRYER	ΡΙΤϹΟ	VF-35S	LEGS	ONLY CONVI										3/4"	70,00
21	1	36" 6 BURNER RANGE - NATURAL GAS	IMPERIAL	IR-6	CASTERS	CONVI	6									3/4"	227,0
		FILL FAUCET - SINGLE FAUCET W/ 12" LEVER HANDLES.					0					4 (2)				5,4	227,0
22	1	WALL-MOUNTED +60" A.F.F. @ STOCK POTS	FISHER	54836								1/2"					
23	1	SINGLE STOCK POT STOVE	ATOSA, USA INC.	ATSP-18-1L	LEGS											3/4"	80,00
24	1	DOUBLE STOCK POT STOVE	ATOSA, USA INC.	ATSP-18-2L	LEGS											3/4"	160,0
25	1	S.S. WORK TABLE W/ UNDER SHELF (30" X 30")	-	-	LEGS												
26	1	S.S. WORK TABLE W/ UNDER SHELF (42" X 30")	-	-	LEGS												
27	3	S.S. WORK TABLE W/ UNDER SHELF (48" X 30")	-	-	LEGS												
28	4	DRY STORAGE SHELVING - 5 TIERS	-	-	LEGS												
29	6	COLD STORAGE SHELVING	-	-	LEGS												
30	2	S.S. CONTINUOUS WALL SHELVING 24"W X 14"D (HEIGHTS PER A3.1)	GSW	WS-W1424													
31	2	S.S. CONTINUOUS WALL SHELVING 36"W X 14"D (HEIGHTS PER A3.1)	GSW	WS-W1436													
32	4	S.S. CONTINUOUS WALL SHELVING 48"W X 14"D (HEIGHTS PER	GSW	WS-W1448	L												
		A3.1)															
33	2	S.S. WIRED WALL SHELVING 36"W X 14"D (HEIGHTS PER A3.1)	THUNDER	CMSV1436													
34	2	S.S. WIRED WALL SHELVING 60"W X 14"D (HEIGHTS PER A3.1)	THUNDER	CMSV1460													
35	1	EMPLOYEE LOCKERS	-	-													
			EXIST		DEQL				ĊΗĒ	DUI	LE			PLUM	RING	GA	
TEM NO.	QTY.	DESCRIPTION	MANUFACTURER	MODEL NO.	BASE	VOLT		HP	ĸw	CONN	нพ	cw	DRN		REMARKS	SIZE	BTU
E1	1	EXISTING WALK-IN COOLER	-	-													
E2	1	EXISTING WALK-IN FREEZER	-	-													
	1	EXISTING HOOD - TYPE I (4'-0" X 16'-7")	CAPTIVE-AIRE	-													
E3	1																
E3 E4	1	EXISTING FIRE SUPPRESSION SYSTEM	CAPTIVE-AIRE	-													

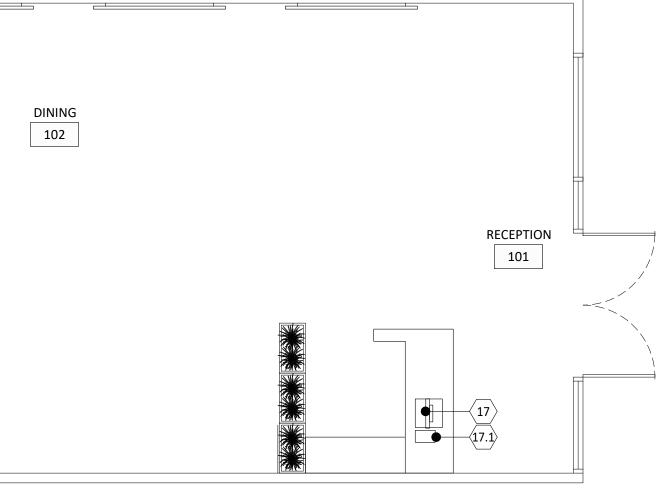
QTY.	DESCRIPTION	MANUFACTURER	MODEL NO.	ELECTRICAL						PLUMBING						AS
			MODEL NO.	BASE	VOLT	AMPS	HP	кw	CONN	нw	CW	DRN	ΤΥΡΕ	REMARKS	SIZE	BTU
1	EXISTING WALK-IN COOLER	-	-													
1	EXISTING WALK-IN FREEZER	-	-													
1	EXISTING HOOD - TYPE I (4'-0" X 16'-7")	CAPTIVE-AIRE	-													
1	EXISTING FIRE SUPPRESSION SYSTEM	CAPTIVE-AIRE	-													
1	EXISTING EXHAUST FAN & MAKEUP AIR SYSTEM W/ INTERLOCKING SYSTEM	CAPTIVE-AIRE	-													

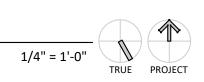
|--|

•	FINISH DESCRIPTION	CODE
	T-BAR W/ LIGHT COLOR WASHABLE TILES	1
	LIGHT COLOR SEMI-GLOSS PAINT OVER 5/8" TYPE X DRYWALL	2
	"FRP" OVER 5\8" TYPE X DRYWALL	3
	COMMERCIAL GRADE SHEET VINYL W 3/8" R, 4" H, SELF COVE	4
	SEALED CONCRETE W/ USDA APP'D SEALANT	5
	"SLIM FOOT" CERAMIC TILE W/ 3/8" R COVE	6
	PORCELAIN TILE	7
	PORCELAIN TILE W/ 3/8" R COVE	8
	STAINLESS STEAL	9
	STAINLESS STEAL W/ 3/8" R COVE	10
	DECORATIVE, TO BE SELECTED (PER FINISH PLAN)	11
	COMMERCIAL GRADE EPOXY FLOOR W/ 3/8" R, 4" H, SELF COVE	12
	26 GAUGE CORROSION RESISTANT COATED STEEL	13
	EXISTING TO REMAIN	14
	MATCH TO EXISTING	15
	CURRY TILE	16
	CURRY TILE BASE W/ 3/8 R COVE	17

TYPICAL CURB DETAIL







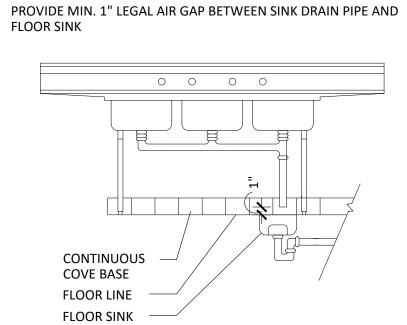
# FINISH SCHEDULE PER LEGEND

		-		
AREA	CEILING	WALLS	FLOOR	BASE
#101 ENTRY	11	11	11	11
#102 DINING	11	11	11	11
#103 DINING	11	11	11	11
#104 SERVER	2	3, 7 MIN 48" A.F.F.	16	17
#105 SERVER	1	3	16	17
#106 KITCHEN	1	3	14 & 16	14 & 17
#107 STORAGE	1	3	14 & 16	14
#108 GREASE ROOM	1	3	14 & 16	17
#109 WALK-IN	13 & 14	13 & 14	14 & 16	14 & 17
#110 WALK-IN	13 & 14	13 & 14	14 & 16	14 & 17
#111 WASH	1	3 MIN. 8' A.F.F.	14 & 16	14 & 17
#112 RESTROOM	2	7 AND 11 MIN 48" A.F.F.	7	8
#113 RESTROOM	2	7 AND 11 MIN 48" A.F.F.	7	8
#114 HALLWAY	11	11	11	11

# DRY STORAGE SHELVING CALCULATION LINEAL FEFT SHELVING SIZE QTY.

QTY.	SHELVING SIZE	LINEAL FEET	TOTAL
1	RACK: 30 X 18, 5 TIERS	12.5	12.5
1	RACK: 36 X 18, 5 TIERS	15	15
2	RACK: 48 X 18, 5 TIERS	20	40
2	WALL: 24 X 14, 1 TIER	2	4
2	WALL: 36 X 14, 1 TIER	3	6
4	WALL: 48 X 14, 1 TIER	4	16
2	WALL: 60 X 14, 1 TIER	6	12
1	CABINET: 183 X 18, 1 TIER	10.1	10.1
	TOTAL DRY STORAGE (96 F	REQ'D)	115.6

# UTENSIL SINK- INDIRECT WASTE DETAIL



# **FINISH NOTES**

1.	WALL & CEILING FINISHES IN WORK FOOD PREP. KITCHEN & STORAGE AREAS HAVE A REFLECTANCE VALUE OF 70% OR HIGHER.
2.	SUBMIT SAMPLE OF CEILING TILE TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION

- 3. SUBMIT SAMPLE OF FLOOR COVERING TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION
- 4. SUBMIT SAMPLE OF "SLIMFOOT" BASE TILE TO ENVIRONMENTAL HEALTH PRIOR TO INSTALLATION
- 5. WALL SURFACES BEHIND SINKS (POTS AND PANS, JANITORIAL, UTENSIL, FOOD PREPARATION, HAND BASINS) AND DISHWASHERS MUST HAVE A MINIMUM EIGHT (8) FOOT HIGH WATER RESISTANT WALL MATERIAL. FRP, STAINLESS STEEL, CERAMIC TILE, OR OTHER APPROVED MATERIALS ARE ACCEPTABLE IN THESE AREAS. FRP AND METAL FLASHING SURFACES NEED TO BE SEALED TO THE SUB-WALL SURFACE.

# **PROJECT NOTES**

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AREAS TO



SHEET NO: A3.1

PROJECT NO: FL-0423 DRAWN: JC 06/01/23 DATE: EQUIPMENT PLAN & SCHEDULE

**REVISION: REVISION: REVISION: REVISION: REVISION: REVISION: REVISION: REVISION:** BID SET: HEALTH SUBMITTAL: CITY SUBMITTAL: TENANT APPROVAL: 1/4" = 1'-0" SCALE:

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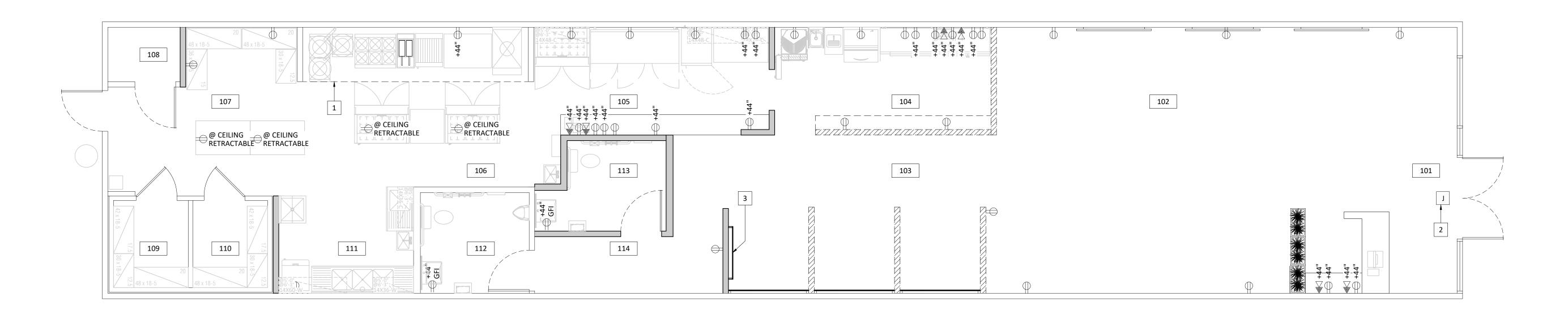
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# 1 POWER, DATA & TELEPHONE PLAN

# ELECTRICAL LEGEND

$\ominus$	BUILDING STANDARD DUPLEX OUTLET MOUNTED @ +18" ON CENTER A.F.F. U.O.N.
44" 🕽	NUMBER INDICATES MOUNTING HEIGHT
$\bigtriangledown$	BUILDING STANDARD TELEPHONE OUTLET MOUNTED @ +18" ON CENTER A.F.F. U.O.N.
W	BUILDING STANDARD DATA OUTLET MOUNTED @ +18" ON CENTER A.F.F. U.O.N.

ELECTRICAL KEYNOTES	

1	EXISTING LINE OF HOOD ABOVE	
---	-----------------------------	--

1/4" = 1'-0"

- 2 J-BOX FOR STORE SIGN COORDINATE WITH SIGN COMPANY FOR EXACT LOCATION
- 3 J-BOX FOR NEON SIGN. PROVIDE SWITCH & DIMMABLE NEON TRANSFORMER.

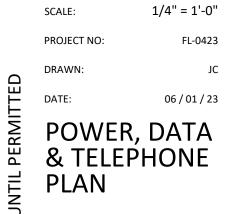
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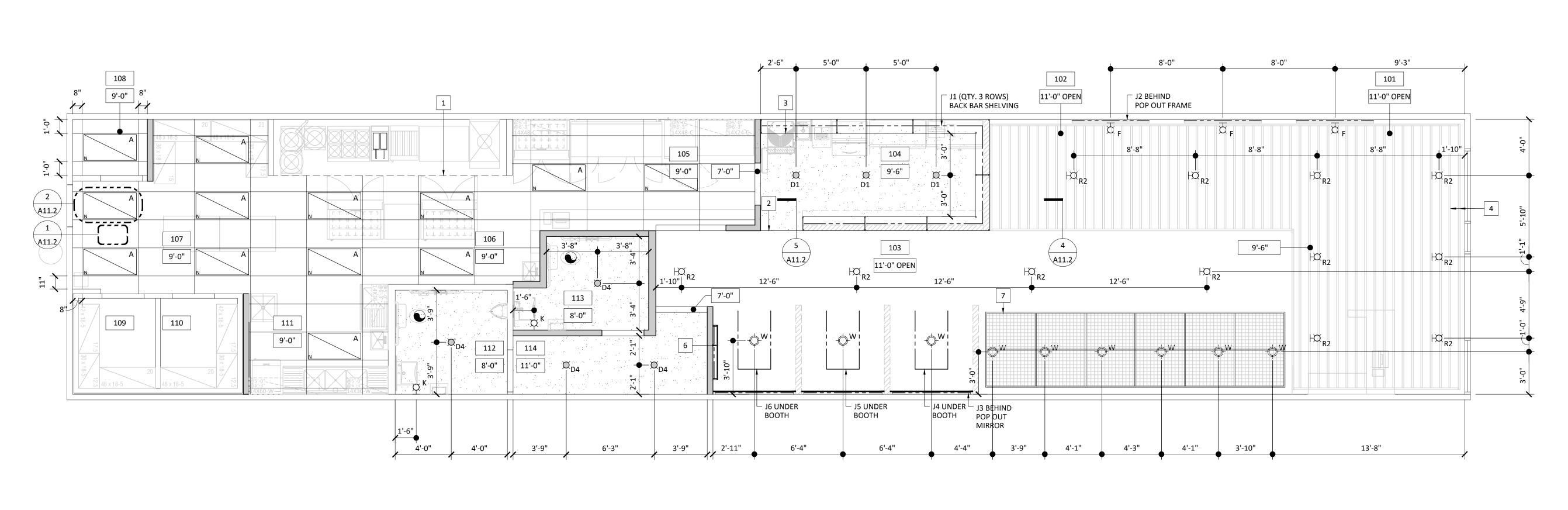
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# 1 REFLECTED CEILING PLAN

# CEILING LEGEND

A	(NEW) 2' X 4' LED PANEL IN SUSPENDED CEILING GRID W/ LIGHT COLO WASHABLE TILES. MODEL: PER LIGHTING VENDOR
D1 D1	(NEW) 4" RECESSED LED DOWN LIGHT W/ DIMMER COLOR: WHITE MODEL: PER LIGHTING VENDOR
D4	(NEW) 4" RECESSED DOWN LIGHT W/ 0-10V DIMMER COLOR: BLACK MODEL: PER LIGHTING VENDOR
F XH	(NEW) WALL SCONCE LIGHT W/ DIMMER COLOR: S.T.F. SEE ELEVATION FOR INSTALL HEIGHT. LAMPING: S.T.F.
кX	(NEW) WALL SCONCE LIGHT FIXTURE W/ DIMMER SIZE: S.T.F COLOR: S.T.F. SEE ELEVATION FOR INSTALL HEIGHT. LAMPING: S.T.F.
J1-J6 (TAPE LENGTH)	(NEW) LED TAPE LIGHT W/ DIMMER MODEL: PER LIGHTING VENDOR NOTE: TAPE LENGTH PROVIDED IS A GUIDE. ACTUAL LENGTH TO BE VERIFIED IN FIELD.
R2 XH	(NEW) ADJUSTABLE CEILING-MOUNT LED LUMINAIRE W/ DIMMERMODEL:PER LIGHTING VENDORBEAM ANGLE:15° TO 45° (ADJUSTABLE)FINISH:BLACK
ŵ,	(NEW) SINGLE PENDANT LIGHT W/ DIMMER COLOR: BLACK SEE ELEVATIONS FOR MOUNTING HEIGHTS LAMPING:
	DRY WALL CEILING
\$	(NEW) LIGHT SWITCH (PROVIDE DIMMER PER LIGHT FIXTURE REQUIREMENT)
$\bigcirc$	VENT - 5 AIR CHANGE PER HOUR
LIGHTING CONTROL PAC REQUIREMENTS.	KAGE TO BE PROVIDED FOR COMPLIANCE WITH LOCAL CODE
	SUITE #101, SAN DIEGO, CA 92121 3880 / MOBILE: (760) 522-1964 / FAX: (858) 444-8885 DM

# KEYNOTES

1 EXISTING KITCHEN HOOD TO REMAIN AS IS.

2 NEW DROPPED SOFFIT PER PLANS.

3 BAR SHELVES PER CORRESPONDING DETAIL. 

4 WOOD JOISTS PER PLAN.

5 NOT USED.

	EON SIGN W/ DIMMER SWITCH PER OWNER. PROVIDE ELECTRICAL AS EQUIRED FOR DIMMER SWITCH.
--	---------------------------------------------------------------------------------------

7 CUSTOM SUSPENDED WOOD FRAMED GRID PER CORRESPONDING DETAIL.

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1/4" = 1'-0"



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REFLECTED CEILING PLAN

CITY SUBMITTAL: TENANT APPROVAL: 1/4" = 1'-0" SCALE: FL-0423 PROJECT NO: DRAWN: JC DATE: 06/01/23

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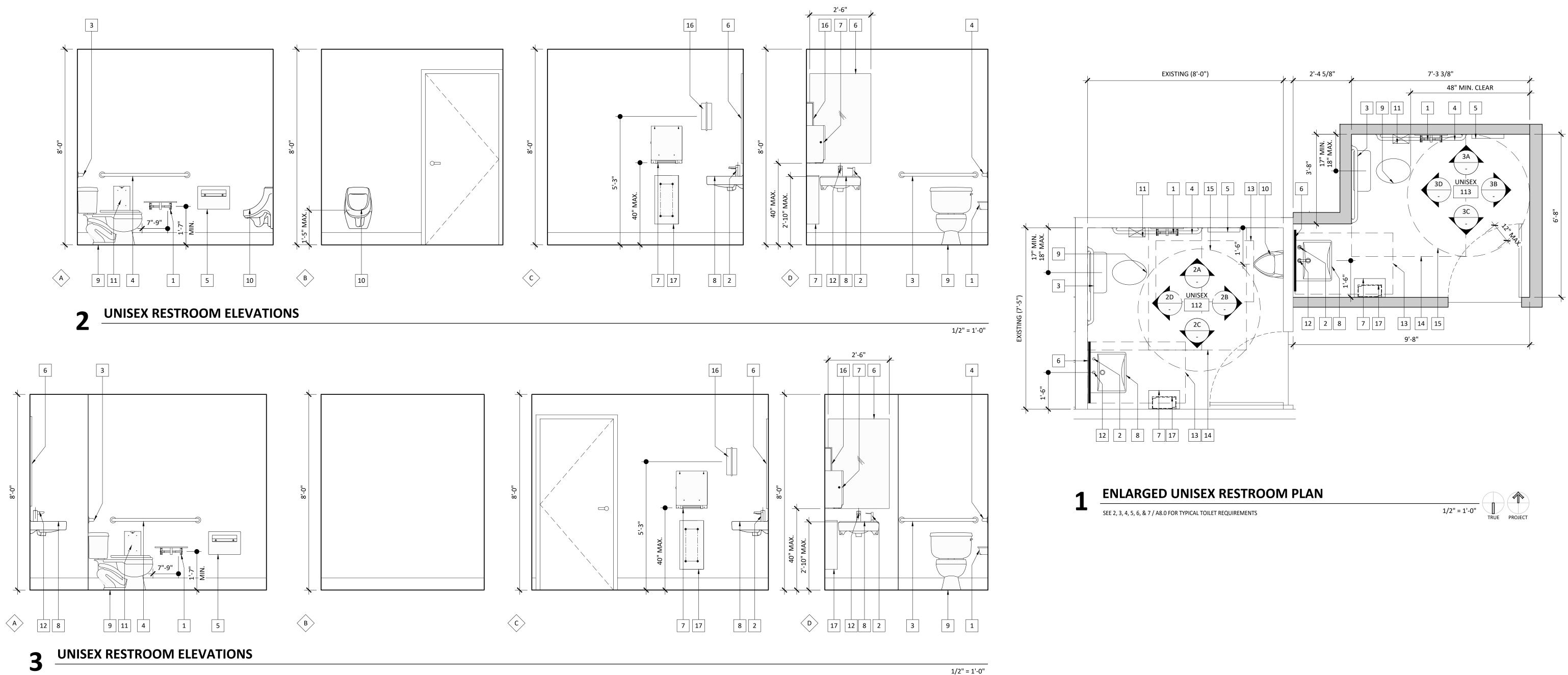
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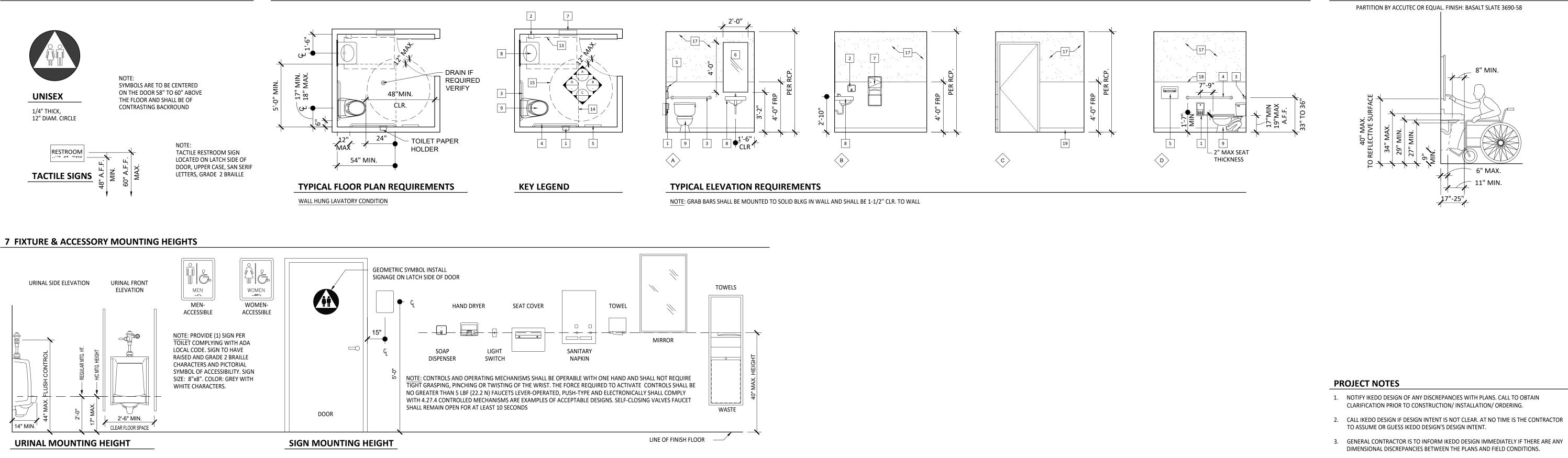
GRID W/ LIGHT COLOR

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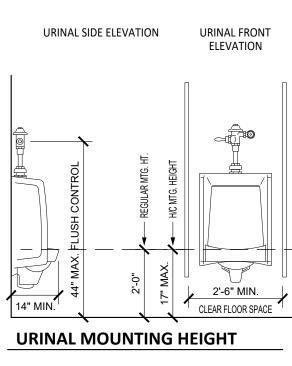
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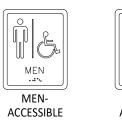


6 SIGNAGE DETAIL AT ENTRANCE



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**5 TYPICAL RESTROOM REQUIREMENTS** 

# KEYNOTES

KEYI	NOTES
1	TOILET TISSUE DISPENSER - SURFACE MOUNTED - CONTURA SERIES, MODEL: B-2840, BY BOBRICK
2	SURFACE MOUNTED SOAP DISPENSER - WALL MOUNTED - SATIN FINISH STAINLESS STEEL, MODEL: B-2111, BY BOBRICK.
3	GRAB BAR - 1 1/2" DIAMETER MIN., 36" LONG MIN FINISH: SATIN STAINLESS STEEL, MODEL: B-6806, BY BOBRICK
4	GRAB BAR - (SAME AS #3) 42" LONG MIN.
5	SEAT-COVER DISPENSER- SURFACE MOUNTED - CONTURA SERIES, MODEL: B-4221, BY BOBRICK. (ALL DISPENSERS 40" MAX TO HIGHEST OPERABLE PART).
6	MIRROR- SURFACE MOUNTED -FULL WIDTH & HEIGHT AS INDICATED PER PLANS, 38" A.F.F.
7	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE- CONTURA SERIES, MODEL: B-4369, SATIN-FINISH STAINLESS STEEL, BY BOBRICK.
8	WALL-MOUNT BATHROOM LAVATORY - SOHO, FINISH: WHITE, MODEL: K-2084-NR , BY KOHLER.
9	FLOOR MOUNTED WATER CLOSET PER PLUMBING PLANS.
10	WALL MOUNTED URINAL PER PLUMBING PLANS.
11	SANITARY NAPKIN DISPOSAL- SURFACE MOUNTED- CONTURA SERIES. FINISH SATIN- STAINLESS STEEL, MODEL: B-35139 BY BOBRICK.
12	FAUCET - SENSOR ACTIVATED COUNTER-MOUNTED FINISH: CHROME, LINO SERIES, MODEL: EAF-250-P , BY SLOAN
13	30" X 48" CLEAR SPACE.
14	56" X 60" CLEAR SPACE
15	60" DIAMETER CLEAR SPACE.
16	LIGHTING FIXTURE PER RCP.

SURFACE MOUNTED TRASH BIN - FINO SERIES, SATIN-FINISH STAINLESS STEEL,MODEL: B-9279, BY BOBRICK

4 LAVATORY SIDE

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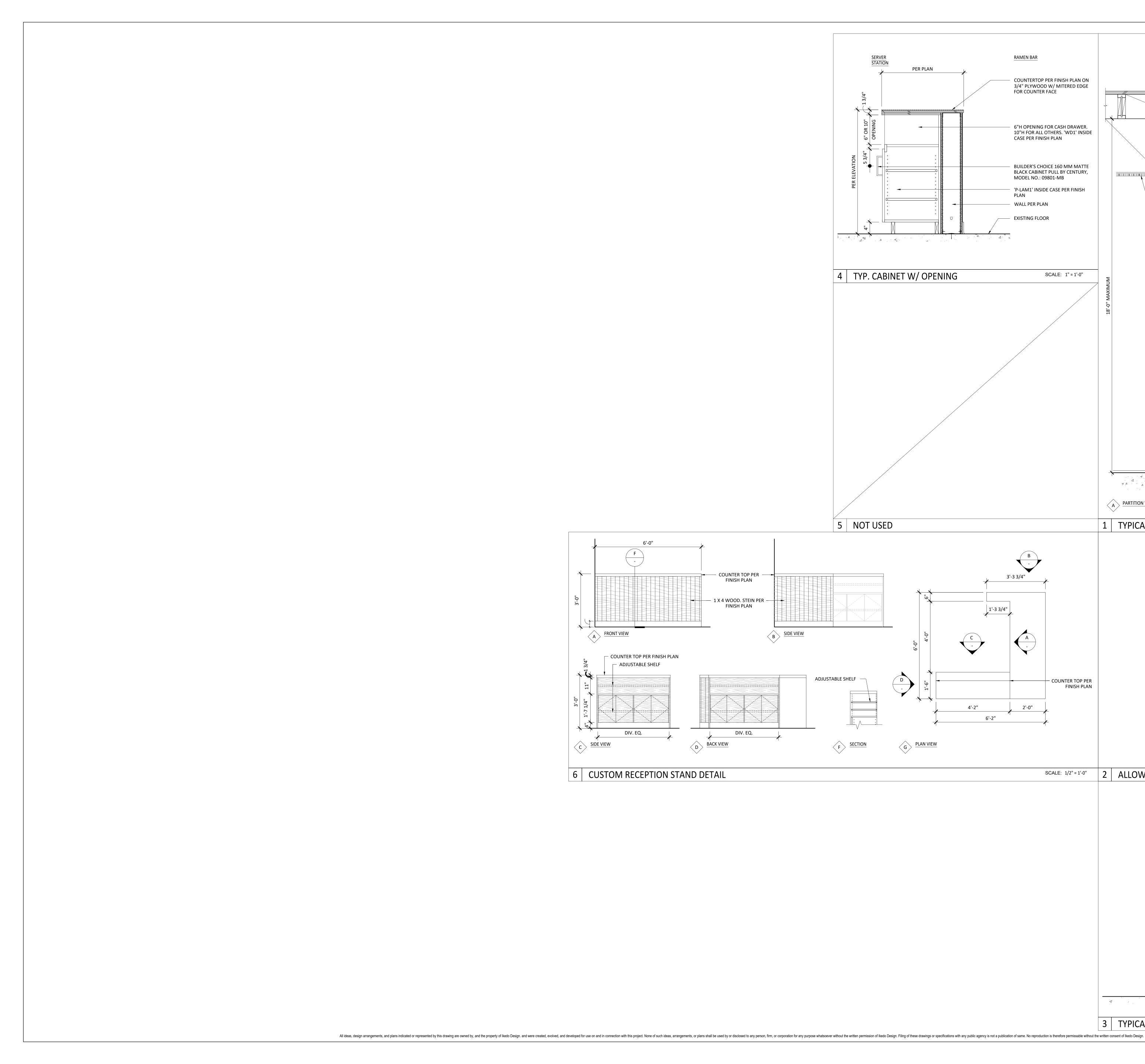
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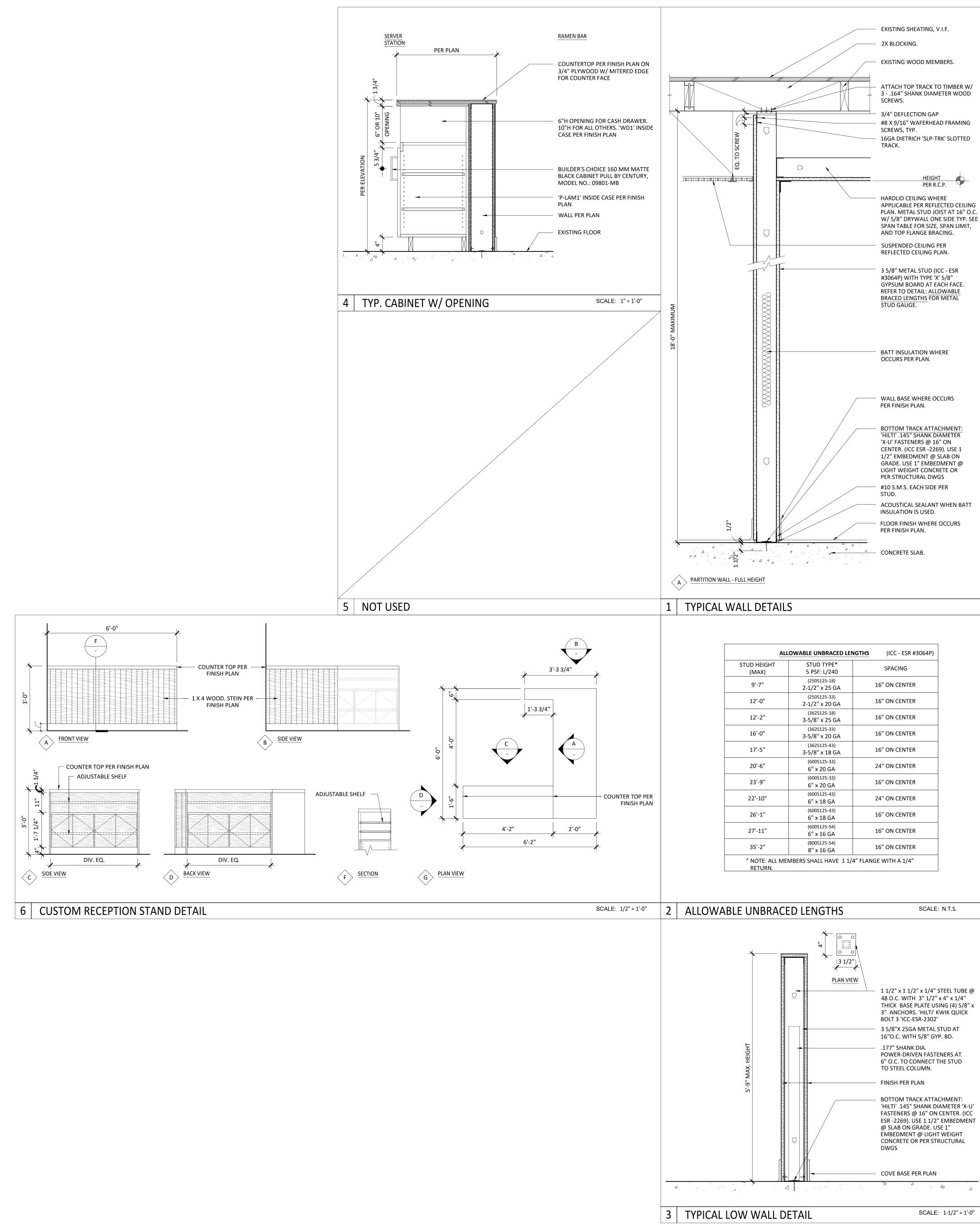
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HEIGHT PER R.C.P.

Δ SCALE: 1-1/2" = 1'-0"



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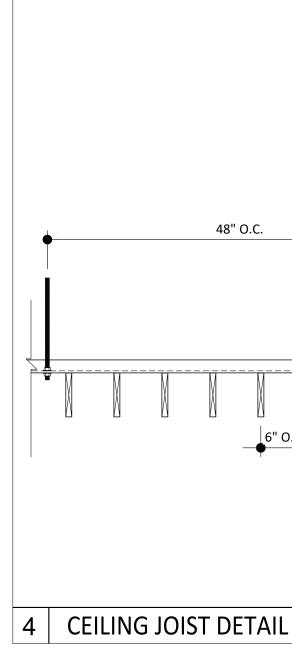
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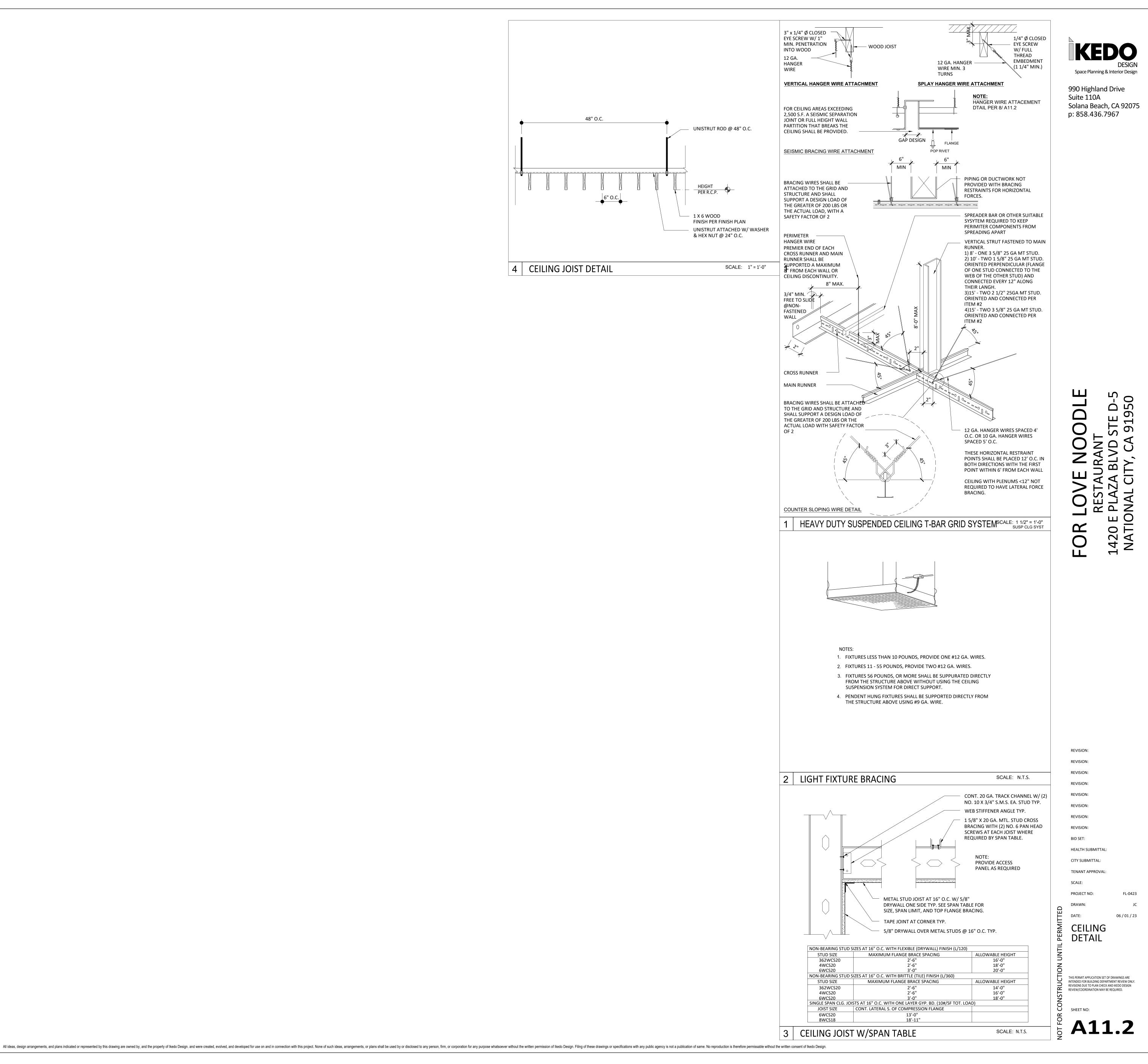
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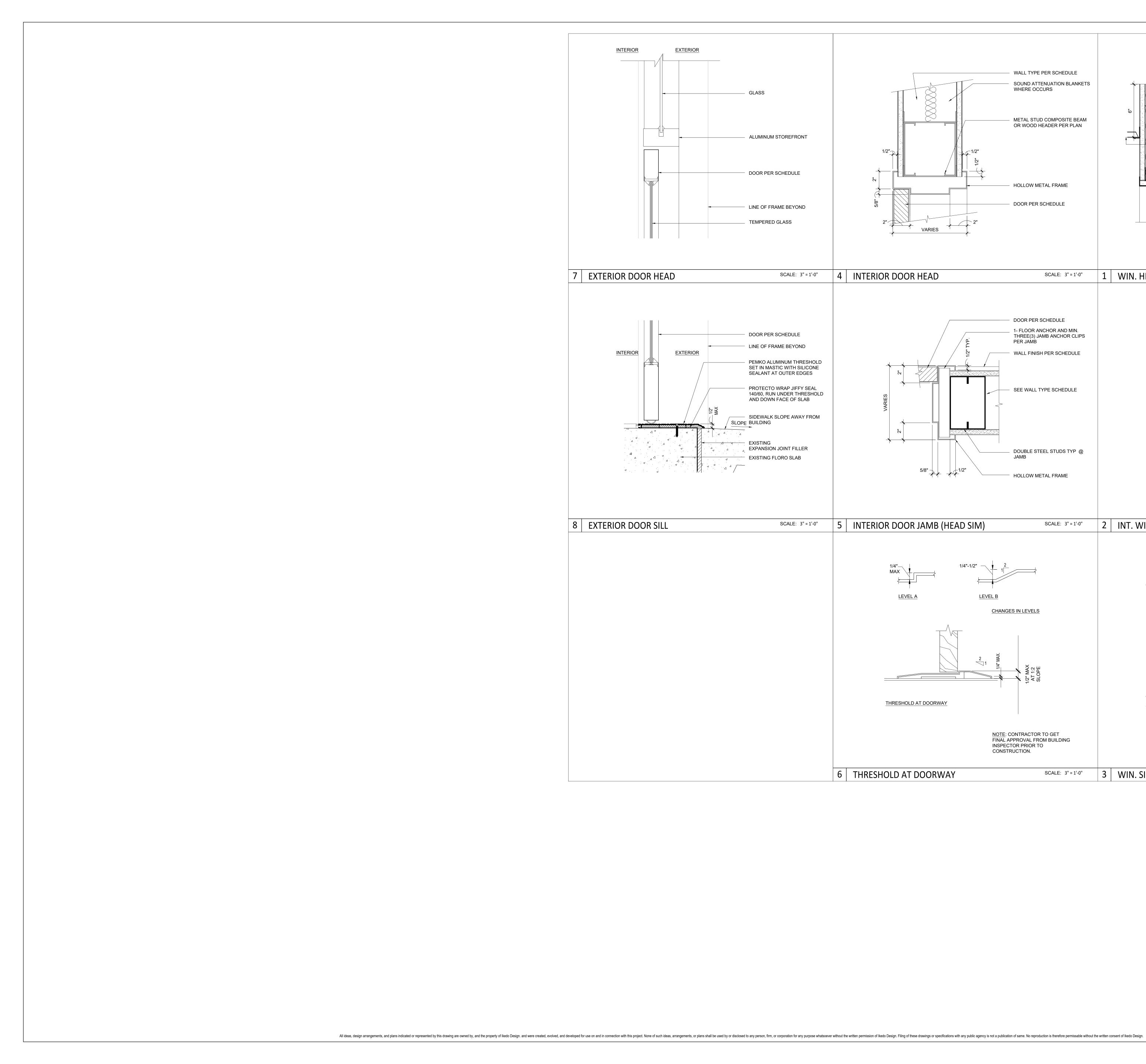
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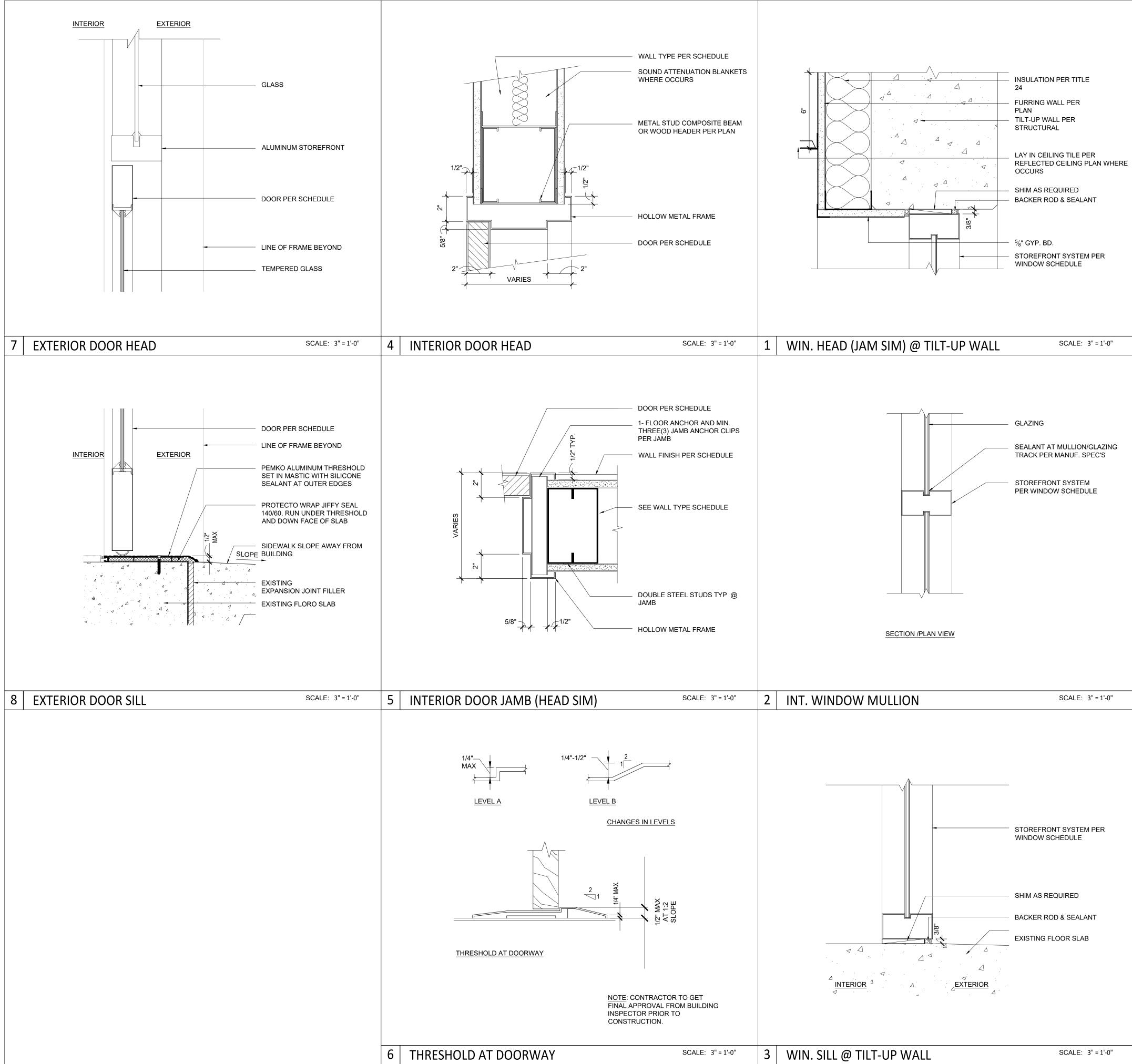
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SCALE: 3" = 1'-0"



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SHEET NO: A11

# LEGEND:

₽	${\mathbb Q}$	2 \$	INDICATES SURFACE MOUNTED BOX FOR ITEM SHOWN			#D		JIT BREAKER WI	тц сі7	
₽	q	) 🛔	INDICATES FLUSH MOUNTED BOX FOR ITEM SHOWN.		<u>)#</u>	# <u>r</u> #AS	AS = E	BREAKER FRAM	E RAT	ING
•	~				#	#AT		SIGNATION IND		
	(#)	)	NUMBERED NOTE DESIGNATOR		<b>ბ</b>	<u>#P</u>				
		$\overline{\lambda}$	-DETAIL DESIGNATOR, UPPER HALF DENOTES DETAIL, LOWER HALF		D.	##AS ##AF		BREAKER FRAM BREAKER TRIP F		
ţ	2	7	-DENOTES SHEET NUMBER ON WHICH DETAIL APPEARS.				NO DE	SIGNATION IND	ICATE	S TRIP R
[			IGHTING FIXTURE, RECESSED IN SUSPENDED IN T-GRID CEILING "a,b,c" INDICATES SWITCH(ES) CONTROLLING FIXTURE, TYPICAL "1" INDICATES CIRCUIT NUMBER, TYPICAL		°/ Ę	<u>#P</u> <u>##AS</u> ##AF	AS = E AT = E	D SWITCH WITH BREAKER FRAM BREAKER TRIP F SIGNATION IND	E RAT RATINO	'ING G
	e	a a	SHADING INDICATES FIXTURES (SUPPLIED WITH EMERGENCY BATTERY PACK OR 1 CONNECTED TO EMERGENCY POWER SYSTEM).		PANEL 7ML1A		PANEL	BOARD		
			LIGHTING FIXTURE, WALL MOUNTED AT HEIGHT NOTED.				.,			
			SUSPENDED FLUORESCENT FIXTURE		<u> </u>			YPE TRANSFORM		
	K		DOWNLIGHT FIXTURE, RECESSED IN CEILING, PENDANT, OR SURFACE MOUNTED	1	$\sim$		DRT-T		IER, SI	
		$\Theta_1^a$	WALL WASHER TYPE DOWNLIGHT. OPEN HALF INDICATES AIMING DIRECTION.			P AS		Y DUTY SAFETY		
		× <b>1</b>	EXIT SIGN, FACES AS NOTED BY SHADING, CHEVRONS AS INDICATED, 90 MIN BACKUP			AF	REJEC	CTION TYPE FUS	E HOL	.DER
			COMBINATION EXIT SIGN, FACES AS NOTED BY SHADING, CHEVRONS AS INDICATED,	EX	-^` E/	( EX	$\square$			SOLID L
			90 MIN BACKUP CEILING MOUNT EMERGENCY LIGHT WITH HEADS AND 90 MIN BATTERY BACKUP	M	7 ቑ	₽₽	EX	EX		FIXTURE
				XR	XR vo			1		DASHED
			WALL MOUNT EMERGENCY LIGHT WITH HEADS AND 90 MIN BATTERY BACKUP	M			XR	XR		DEVICE CONSTR
										OWNER
	G	EΩ FI ↔	TIME CLOCK	R M	R ↑					SOLID S
		1	SINGLE RECEPTACLE, WALL MOUNTED AT +18" UON. "GFI" INDICATES GROUND FAULT INTERRUPTER TYPE. "AFCI" INDICATES ARC FAULT CIRCUIT INTERRUPTER TYPE. C = ONE DUPLEX HOT AND ONE CONTROLLED RECEPTACLE	Ţ	ΥΨ	ΨΨ				EXTEND
	GI	FI ⊕_1	DUPLEX RECEPTACLE, WALL MOUNTED AT +18" UON. "GFI" INDICATES GROUND FAULT INTERRUPTER TYPE. "AFCI" INDICATES ARC FAULT CIRCUIT INTERRUPTER TYPE.	M	Υ¶	₽ ₽				NEW HE DEVICE,
		C ₩_1	C = ONE DUPLEX HOT AND ONE CONTROLLED RECEPTACLE		SE	ENS	SOR	LEGEN	D	
		₩1	4-PLEX RECEPTACLE, WALL MOUNTED AT +18" UON. "GFI" INDICATES GROUND FAULT INTERRUPTER TYPE. "AFCI" INDICATES ARC FAULT CIRCUIT INTERRUPTER TYPE. C = ONE DUPLEX HOT AND ONE CONTROLLED RECEPTACLE			NOT		E POWER SUPPLY R U.O.N.	INTEC	GRAL TO
		Ø <sub>1</sub>	DUPLEX RECEPTACLE MOUNTED AT CEILING.		a M				RARED	OCCUP
		<b>æ</b> -1	DEDICATED RECEPTACLE WITH RATING THE SAME AS OVER-CURRENT		Т	"a		S SWITCH DESIG		DN(S)
			PROTECTION DEVICE. SEE ARCHITECTURAL ELEVATIONS					S DIMMER SWIT		lght
		<b>₽ Ŷ</b>	SPECIAL RECEPTACLE, CONFIGURATION AND VOLTAGE AS INDICATED		ab M			D PASSIVE INFR		
	G	1 🖾 1	FLOOR MOUNTED RECEPTACLE, FLUSH WITH FLOOR PROTECTION DEVICE. SEE ARCHITECTURAL ELEVATIONS		Ι	"a	" INDICATE	S SWITCH DESIG	GNATIO	
			FLOOR MOUNTED TELEPHONE/DATA OUTLET FLUSH WITH FLOOR		2			ES INTEGRAL N		lght
			COMBINATION RECEPTACLE/COMMUNICATIONS FLOOR MOUNTED OUTLET, FLUSH WITH FLOOR		[∨] <sup>°</sup>	DEL "a	AY TO MAX " INDICATE	D PASSIVE INFR IMUM TIE SETTI S SWITCH DESIO	NG. GNATIO	
		►	NEW STANDARD TELEPHONE/DATA OUTLET MOUNTED AT 18" U.N.O., WITH 1" CONDUIT TO TTB, PROVIDE BOX WITH SINGLE GANG RING AND PULL STRING. ALL DUPLEX OUTLETS WITH 2 CABLES, U.O.N.		a	"N	IL" INDICAT	S DIMMER SWIT ES INTEGRAL N	IGHT L	-
		►	NEW STANDARD TELEPHONE MOUNTED AT 18" U.N.O., WITH 3/4" CONDUIT TO TTB W = WALL AT +48". PROVIDE BOX WITH SINGLE GANG RING AND PULL STRING.	-	≖∭⊸ ↓	FIEL	D SET TIME	TED 360 DEGRE E DELAY TO MA) S SWITCH DESIG	KIMUM	I TIME SE
		ΤV	NEW STANDARD CATV OUTLET MOUNTED AT 18" U.N.O., WITH RG6 CABLE TO POC PROVIDE BOX WITH SINGLE GANG RING AND PULL STRING.		DL <sub>O</sub>	тоі	MAXIMUM T	TED CONTINUO IME SETTING. PI	ROVID	E WITH I
		\$	TOGGLE SWITCH, SPST					S SWITCH DESIC OP; C = CLOSE		• •
			DIMMER SWITCH, COMPATIBLE WITH LIGHT SOURCE DIMMED							
	4	a,b,c,VS ₿	INDICATES MULTIPLE SWITCHES IN GANGED BOX WITH COMMON COVERPLATE. "a,b,c" INDICATES NUMBER OF INDIVIDUAL SWITCHES AND FIXTURES CONTROL. "VS" INDICATES INDICATES VARIABLE SPEED MOTOR SWITCH, "V" INDICATES VACANCY SENSOR, "LV" INDICATES LOW-VOLTAGE, "K" INDICATES KEYED		SENS IF 130 THE (	SORS S 0. 1 (B) OCCUF	HALL TURN APPLIES (W PANCY SENS	DO WITH HOW T THE LUMINAIRE HERE MULTI-LE SOR SERVES AS	S FUL VEL CO A VAC	LY OFF V ONTROL CANCY SE
	\$	a b \$	SWITCH INDICATES SWITCHES a,b MOUNTED IN SEPARATE BOXES WITH SEPARATE					CCUPANCY SEN	SOR (L	.IGHTING
	•	•	COVERPLATES			• •	DOES NOT	APPLY: SOR SERVES AS	A REG	ULAR O
	0	· O-	JUNCTION OR OUTLET BOX. CEILING OR WALL MOUNTED AS INDICATED. LOCATE ABOVE ACCESSIBLE CEILINGS, UON.							
Ć			PANELBOARD.							
	+4'-(	6"	MOUNTING HEIGHT ABOVE FINISHED FLOOR OR GRADE. *WIRING DEVICES - CENTER OF DEVICE *WALL BRACKET LIGHTING FIXTURE - CENTER OF OUTLET *PENDANT MOUNTED LIGHTING FIXTURE - BOTTOM OF FIXTURE							
	٦	ب	DISCONNECT SWITCH - "F" INDICATES FUSED DISCONNECT SWITCH							
		_	MOTOR CONNECTION							
	ر ا		DOOR BELL WITH TRANSFORMER AND PUSHBUTTON AT FRONT DOOR							
_		<b>_</b>	UNDERGROUND OR UNDER SLAB RACEWAY							
			CONDUIT WITH PLASTIC BUSH ENDS							
		ر م	CONDUIT DOWN							
			CONDUIT DOWN	į	#9 SAF	ETY	WIRE TIE	D TO SEISMI	C CLI	PS
		<b></b> 0						IPPORT HOLI		
_		ŀ		ľ	MINIMU	JM (2	) SAFETY	WIRES PER	LIGH	
		A-1	HOME RUN. 3/4" CONDUIT, 2 #12 & 1 #12 GROUND, UNLESS OTHERWISE NOTED. NOTE: HOME RUN SHALL BE FROM FIRST ELECTRICAL DEVICE BACKBOX IN CIRCUIT TO ELECTRICAL PANEL, 'A' INDICATES PANEL, 1,3,5 INDICATES POLE NUMBER(S)	F	-IXTUF	ke pl	ACED AT	DIAGONAL	CORN	IERS
	//	<del>/</del>	RACEWAY, EACH CROSS HATCH INDICATES ONE #12 CONDUCTOR, NO CROSS HATCHES INDICATES 2 #12 CONDUCTORS, UNLESS OTHERWISE NOTED. ALL INCLUDE ONE CODE COMPLIANT EQUIPMENT GROUND.	V	VITH A	MINI		E TO BE TAUT TIGHT TURNS AL		
	M	M	METER				SAFET	/ WIRE		×
	₽	_	CURRENT TRANSFORMER					RT HOLE,	¥	

TYPICAL-**EXPOSED T-BAR CEILING** 



# R WITH SIZE AND RATING RAME RATING

- RIP RATING
- INDICATES TRIP RATING
- SWITCH WITH SIZE AND RATING RAME RATING
- RIP RATING INDICATES TRIP RATING
- /ITH SIZE AND RATING RAME RATING
- RIP RATING INDICATES TRIP RATING
- ORMER, SIZE AND RATING AS NOTED ON PLANS

ETY SWITCH - "F"INDICATES FUSED SWITCH FUSE HOLDER

- SOLID LIGHT LINE SYMBOL OR WITH "EX" INDICATES EXISTING FIXTURE, DEVICE, OUTLET OR EQUIPMENT TO REMAIN IN
- DASHED SYMBOL WITH "XR" INDICATES LIGHT FIXTURE OR DEVICE TO BE REMOVED AND STORED OR REUSED IN CONSTRUCTION. UNUSED MATERIAL SHALL BE RETURNED TO
- SOLID SYMBOL WITH "R" INDICATES NEW LOCATION OF LIGHT FIXTURE OR DEVICE TO BE RELOCATED AND RECONNECTED EXTEND EXISTING CIRCUIT(S) AS INDICATED AND MAKE FINAL CONNECTION.
  - NEW HEAVY LINE SOLID SYMBOL INDICATES NEW FIXTURE, DEVICE, OUTLET OR EQUIPMENT AT NEW LOCATION

JPPLY INTEGRAL TO

OWNER.

- NFRARED OCCUPANCY SENSOR. FIELD SET TIME DELAY TO
- ESIGNATION(S) WITCH
- L NIGHT LIGHT
- NFRARED MULTI-LEVEL OCCUPANCY SENSOR. FIELD SET TIME SETTING.
- ESIGNATION(S) WITCH
- NFRARED VACANCY SENSOR SWITCH. FIELD SET TIME ETTING.
- ESIGNATION(S) WITCH
- GREE DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH. MAXIMUM TIME SETTING. PROVIDE WITH POWER PACK.
- ESIGNATION(S)
- UOUS DIMMING DAYLIGHT SENSOR. FIELD SET SENSITIVITY G. PROVIDE WITH POWER PACK. ESIGNATION(S) OSED LOOP
- AREAS IN 130.1(C)(5) IF 130.1(B) ALSO APPLIES. THIS OW THE LUMINAIRES ARE TURNED ON. IN ALL SITUATIONS, THE
- AIRES FULLY OFF WHEN THE ROOM BECOMES UNOCCUPIED. I-LEVEL CONTROL IS REQUIRED): S AS A VACANCY SENSOR (DOES NOT AUTOMATICALLY TURN ON)
- SENSOR (LIGHTING POWER TURNS ON TO 50-70 PERCENT).
- AS A REGULAR OCCUPANCY SENSOR.

# **GENERAL NOTES:**

- A. VERIFY ANY DEMOLITION WORK, AND ANY NEW WORK, REQUIRED THAT IS NOT SHOWN ON PLANS WITH TENANT, PRIOR TO BID.
- B. VERIFY ANY WORK REQUIRED TO PROTECT TENANT FIRE ALARM I LIFE SAFETY SYSTEM WIRING & DEVICES, PIPING, DUCTWORK, PLUMBING, COMMUNICATION SYSTEM WIRING, ETC. DURING DEMOLITION AND NEW CONSTRUCTION WITH THE TENANTS ARCHITECT PRIOR TO BID AND START OF WORK.
- C. REUSE OF EXISTING SERVICE. METERING, PANELBOARDS. TRANSFORMERS. CONDUIT. WIRE. ETC. IS SUBJECT TO BUILDING DEPT. AND TENANT APPROVAL. VERIFY IF ALLOWED TO REUSE, AND IF ANY WORK IS REQUIRED BY THE BUILDING DEPT. OR THE TENANT, WITH THE BUILDING DEPT. PRIOR TO BID. D. VERIFY FIRE ALARM/LIFE SAFETY SYSTEM REQUIREMENTS WITH THE FIRE DEPT. AND LANDLORD'S OPERATIONS MANAGER PRIOR TO BID.
- E. ALL FIRE ALARM CONDUIT AND CABLE (IF INSTALLED) MUST BE PAINTED RED AND LABELED "FIRE ALARM". VERIFY REQUIREMENTS WITH LANDLORD'S FIRE ALARM CONTRACTOR.
- F. ALL LIGHTING FIXTURES, EQUIPMENT, DEVICES. ETC SHALL BE U.L. LISTED.
- G. ALL LIGHT FIXTURES, EQUIPMENT, WIRING METHODS, ETC. WITHIN A CEILING RETURN AIR PLENUM SHALL COMPLY WITH CEC. SECTION 300-22, AND ANY ADDITIONAL BUILDING DEPT. REQUIREMENTS VERIFY ANY ADDITIONAL REQUIREMENTS WITH THE BUILDING DEPT. AND THE TENANT'S ARCHITECT PRIOR TO BID.
- H. PROVIDE LOCK-ON DEVICE FOR FIRE ALARM SYSTEM CIRCUITS AS REQUIRED.
- I. BALANCE PANELBOARD LOADS TO WITHIN 10 PERCENT OF LOWEST PHASE AND SUBMIT REPORT TO TENANT'S ARCHITECT.
- J. FIREPROOFING AND SEALING, ETC. MAY BE REQUIRED.
- L. VERIFY WITH OWNER ALL APPROVED METHODS FOR ATTACHING TO BUILDING STRUCTURE WHEN HANGING/SUPPORTING HVAC EQUIPMENT, DUCTWORK, PIPING, WATER HEATERS, TRANSFORMERS, FIXTURES, CONDUIT, ETC. WITH THE TENANT'S ARCHITECT AND SAL SANCHEZ PRIOR TO BID. ATTACHING TO ROOF DECK, OR UPPER LEVEL FLOOR SLAB, IS NOT ALLOWED. MAY BE REQUIRED TO SUBMIT DETAIL/PLAN TO OWNERS STRUCTURAL ENGINEER FOR APPROVAL.
- M. PROVIDE ACCESS TO ANY EQUIPMENT. VALVES, DAMPERS, CONTROLS, CLEANOUTS. J-BOXES, ETC. LOCATED ABOVE GYP. BOARD CEILING AND ANY OTHER INACCESSIBLE AREAS AS REQUIRED. VERIFY/COORDINATE WITH THE TENANT'S ARCHITECT PRIOR TO BID/START OF WORK.
- N. SEE NOTES ON PLANS AND VERIFY ALL MATERIALS AND WORK REQUIRED BY THE OWNER PRIOR TO BID.
- O. WHEN CONFLICT WITH CODES OR ORDINANCES OCCUR, THE STRICTEST INTERPRETATION SHALL APPLY.
- P. ALL SUPPORTS TO BE FROM STRUCTURAL BEAMS AND JOISTS AND NOT FROM THE DECK ABOVE.
- Q. PER GOVERNING CODE, FURNISH SELF CONTAINED BATTERY PACK EMERGENCY LIGHTING AND EXIT SIGNS THROUGHOUT THE DEMISED PREMISES AS NOTED ON PLANS. R. ALL CONDUITS MUST BE CONCEALED AND NOT VISIBLE TO PUBLIC AND MUST BE EMT. AC CABLE MAY BE USED AS ALLOWED BY CODE FOR BRANCH CIRCUITRY. ALL
- HOMERUNS TO PANELS SHALL BE IN EMT CONDUIT. RESIDENTIAL CONSTRUCTION MAY USE CODE COMPLIANT BRANCH CIRCUITRY METHODS.
- S. CONTRACTOR SHALL PROVIDE A FIRE WATCH AND PORTABLE FIRE EXTINGUISHER WHERE EVER ANY WELDING IS DONE WITHIN THE DEMISED PREMISES. THE PERSON PERFORMING THE FIRE WATCH SHALL REMAIN IN THE SPACE FOR AT LEAST 1 HOUR AFTER THE COMPLETION OF ANY WELDING. THIS SHALL BE COORDINATED THROUGH THE CITY FIRE DEPT.
- T. ELECTRICAL OUTLETS SHALL BE MOUNTED A MINIMUM OF 15" TO THE BOTTOM AND 48" TO THE TOP OF OUTLET BOXES UNLESS OTHERWISE NOTED.
- U. ANY OF THE FOLLOWING DEVICES AND COMPONENTS WHICH HAVE BEEN INSTALLED HAVE BEEN CERTIFIED TO THE ENERGY COMMISSION ACCORDING TO THE APPLICABLE PROVISIONS OF §119: ALL LED LIGHTING SYSTEMS THAT ARE CLASSIFIED AS HIGH EFFICACY, BALLASTS USED IN RECESSED LUMINAIRES, VACANCY SENSORS (AUTOMATIC OFF/MANUAL ON OCCUPANT SENSORS), DIMMERS, TRACK LIGHTING INTEGRAL CURRENT LIMITERS, AND OUTDOOR MOTION SENSORS. V. ALL NEW EQUIPMENT SHALL BE LISTED OR INSPECTED AND APPROVED BY A THIRD PARTY NATIONALLY RECOGNIZED TESTING AGENCY.

# ELECTRICAL ABBREVIATIONS

A	AMPERES	MTG HT	MOUNTING HEIGHT
AFF	ABOVE FINISHED FLOOR	NL	NIGHT LIGHT
ATS	AUTOMATIC TRANSFER SWITCH	NTS	NOT TO SCALE
AF	AMPS FUSE OR AMPS FRAME	OC	ON CENTER
AFCI	ARC FAULT CIRCUIT INTERUPTER	PH	PHASE
AFGF	COMBINATION AFCI/GFCI BREAKER	PIV	POST INDICATOR VALVE
AS	AMPS SWITCH	PNL	PANEL
C/B	CIRCUIT BREAKER	Р	POLE
CEC	CALIFORNIA ELECTRICAL CODE	PB	PULL BOX
COMM	COMMUNICATIONS	PVC	POLYVINYL CHLORIDE
CONC	CONCRETE	REC	RECEPTACLE
С	CONDUIT	RGS, RGC	RIGID GALVANIZED STEEL CONDU
C.O.	CONDUIT ONLY	SEC	SECURITY
CX	CONNECT TO EXISTING CIRCUIT	SHT	SHEET
EM	EMERGENCY SERVICE	SS	STAINLESS STEEL
EWC	ELECTRIC WATER COOLER	SWGR	SWITCHGEAR
EG	EQUIPMENT GROUND	TELE,TEL	TELEPHONE
EX, EXIST, (E)	EXISTING	TYP	TYPICAL
FA, F.A.	FIRE ALARM	UC	UNDERCOUNTER
GFI, GFCI	GROUND FAULT INTERRUPTER	UNIT	LOAD CALCULATED IN THE DWELL
G	GROUND		UNIT LOAD CALCULATION
HORIZ	HORIZONTALLY MOUNTED	UON	UNLESS OTHERWISE NOTED
J, JB	JUNCTION BOX	V	VOLTS
LTG	LIGHTING	WH	WATER HEATER
LV	LOW-VOLTAGE	W	WATTS, WIRE
МСС	MOTOR CONTROL CENTER	WP	WEATHERPROOF
		XFMR	TRANSFORMER

**HILTI CC27 CLIP** OR EQUAL - SEISMIC RESTRAINT CLIP 

MINIMUM (2) PER LIGHT FIXTURE (TYP)

FASTEN SEISMIC RESTRAINT CLIP WITH HEX WASHER HEAD SHEET METAL SCREWS. MINIMUM (2) PER CLIP. **OPTIONAL METHOD USE IF SAFETY** WIRES SUPPORT HOLES ARE NOT

**EXISTING STRUCTURE** 

K. PERFORM RADAR/SONAR/XRAY VERIFICATION SURVEY OF FLOOR SLAB PRIOR TO ANY SLAB WORK. ALL WORK SHALL BE AT THE TENANTS EXPENSE.



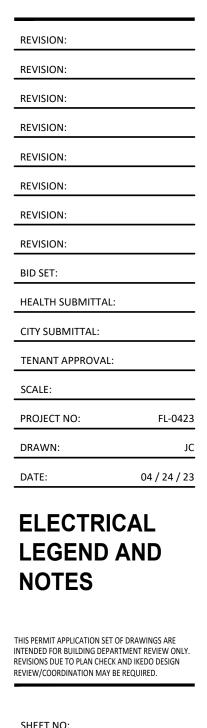
FIRE ALARM DUCT DETECTOR

COD	ALL ELECTRICAL WORK SHALL BE INSTALLED PER:
2022	CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2022	CALIFORNIA BUILDING CODE PART 2, TITLE 24, CCR
2022	CALIFORNIA ELECTRICAL CODE (BASED ON 2020 ELECTRICAL CODE) PART 3, TITLE 24, CCR
2022	CALIFORNIA ENERGY CODE PART 6, TITLE 24, CCR
2022	CALIFORNIA ELEVATOR SAFETY CODE PART 7, TITLE 24, CCR
2022	CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR
2022	BUILDING ENERGY EFFICIENCY STANDARDS - CALGREEN PART 12, TITLE 24, CCR
2022	CALIFORNIA EXISTING BUILDING CODE PART 10, TITLE 24, CCR





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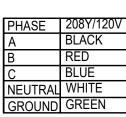


# ELECTRICAL SPECIFICATIONS

- 1. THE GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS SHALL BE CONSIDERED AS PART OF THIS SPECIFICATION AS WELL AS ALL OTHER DISCIPLINES.
- VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS.
- FIELD VERIFY ALL EXISTING ELECTRICAL AND COMMUNICATIONS EQUIPMENT. 3. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS TO PERFORM ELECTRICAL WORK SHOWN, NOTED OR
- SCHEDULED FOR A COMPLETE AND FINISHED INSTALLATION. 4. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED, LISTED OR CERTIFIED BY A NATIONALLY RECOGNIZED
- TESTING LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UNDERWRITER'S LABORATORIES LIST OF APPROVED ITEMS AND SHALL MEET REQUIREMENTS OF ASTM. IEEE, NEC, NEMA, AND OTHER RECOGNIZED STANDARDS AND SHALL BE SIZED IN CONFORMITY WITH REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND OTHER APPLICABLE CODES, WHICHEVER ARE MORE STRINGENT.
- 6. THE WORD 'PROVIDE' AS USED HEREIN MEANS TO FURNISH AND INSTALL AND CONNECT COMPLETE.
- 7. ALL WORK TO BE IN ACCORDANCE WITH CEC AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.
- 8. SECURE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTION CERTIFICATES.
- CONTRACTOR SHALL PROVIDE ALL RACEWAY, CONDUCTORS, ETC. FOR A COMPLETE AND OPERATIONAL FACILITY.
- 10. SUBMIT MATERIAL LISTS AND SHOP DRAWINGS FOR MAJOR EQUIPMENT FOR APPROVAL. SUBMITTALS SHALL BE IN ACCORDANCE WITH GENERAL CONDITIONS AND SHALL BEAR THE STAMP OF THE ELECTRICAL CONTRACTOR SHOWING THAT HE HAS REVIEWED AND APPROVED THEM. LACK OF SUCH CONTRACTOR'S APPROVAL WILL BE CAUSE FOR REJECTION WITHOUT REVIEW.
- 11. PROVIDE ALL CUTTING, CHASING OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THIS DIVISION. ANY CUTTING SHALL HAVE PRIOR APPROVAL OF THE OWNER. SLEEVES SHALL EXTEND AT LEAST 2" ABOVE FINISHED FLOOR AND ALL SLEEVES, OPENINGS, ETC., THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED AFTER CONDUIT INSTALLATION TO RETAIN THEIR FIRE RATING.
- 12. WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING MAINTAINING AND REPAIRING. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL, SUCH AS CHANNELS, RODS, ETC., NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE FASTENED TO STEEL, CONCRETE OR MASONRY BUT NOT TO PIPING. CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUITS SHALL BE IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES OR BEAMS AND SEPARATED AT LEAST 3 LINES FROM WATER LINES WHEREVER THEY RUN ALONGSIDE OR ACROSS SUCH LINES. CONDUCTORS SHALL BE IN CONDUIT, DUCTS, OR APPROVED RACEWAYS.
- 13. PROVIDE TEMPORARY POWER AND LIGHTING WIRING AS REQUIRED AND FURNISH EXTENSION CORDS FOR OWN USE. ANY TEMPORARY WIRING, FUSES, ETC., SHALL BE REMOVED UPON COMPLETION. PROVIDE GROUND FAULT PROTECTION AS REQUIRED BY CEC AND LOCAL CODES.
- 14. MAKE PROVISIONS FOR COMMUNICATIONS SERVICE AS REQUIRED AND AS SHOWN.

CONDUCTORS

- 15. WIRE SHALL BE SINGLE CONDUCTOR COPPER WITH 600 VOLT INSULATION. #10 AWG AND SMALLER SHALL BE SOLID. #8 AWG AND LARGER SHALL BE STRANDED. MINIMUM WIRE SIZE SHALL BE #12 AWG. ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE BROUGHT TO THE SITE IN UNBROKEN PACKAGES. ALL WIRING OF ANY TYPE SHALL BE IN CONDUIT.
- a. GENERAL WIRING SHALL BE THWN OR THHN. (ALUMINUM CONDUCTORS ARE NOT PERMITTED.) b. WIRE COLOR CODING SHALL BE AS FOLLOWS:



SWITCH LEGS AND TRAVELING WIRES SHALL HAVE UNIQUE COLOR CODING. WHEN DEDICATED NEUTRALS ARE PROVIDED, USE COLOR SPIRAL TO MATCH ASSOCIATED PHASE.

- 16. MAXIMUM VOLTAGE DROP AT 100 PERCENT CIRCUIT LOAD SHALL NOT EXCEED 3 PERCENT (PANEL TO DEVICE) AND TOTAL COMBINED (FEEDER AND BRANCH) TO FARTHEST CONNECTED LOAD OR OUTLET NOT TO EXCEED 5 PERCENT: (LENGTHS SHOWN ON PLANS ARE FOR VOLTAGE DROP CALCULATIONS ONLY)
  - WIRE SIZE AND MAXIMUM LENGTH RUN FOR BRANCH CIRCUITS COPPER 120 VOLT. SINGLE PHASE. #12 #10 #8
- 17. WIRE CONNECTORS SHALL BE SCOTCHLOCK FOR #8 AWG AND SMALLER AND T&B "LOCK-TITE" FOR #6 AWG AND LARGER, OR EQUAL.
- 18. WHEN COMBINING HOMERUNS, THE CONTRACTOR SHALL DERATE ALL CONDUCTORS PER CURRENT CEC AND NEC REQUIREMENTS INCLUDING REDUCING THE CONDUCTOR AMPACITY AND USING HIGH TEMPERATURE INSULATION WHERE NECESSARY. CONDUIT SIZES SHALL BE ADJUSTED BY THE CONTRACTOR, PER CEC AND NEC REQUIREMENTS, FOR ANY CONDUCTOR REVISIONS.
- 19. ALL MULTI-WIRE BRANCH CIRCUITS SUPPLYING LINE-TO-NEUTRAL LOADS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL WIRE PER CIRCUIT OR (IF NOTED ON PLANS) A MULTI-POLE BREAKER TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT POINT OF BRANCH CIRCUIT ORIGIN. GROUP ALL MULTI-WIRE BRANCH CIRCUITS BY CABLE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN PANEL BOARD OR OTHER POINT OF ORIGIN.
- 20. MAXIMUM NUMBER OF CURRENT CARRYING CONDUCTORS IN CONDUITS SHALL NOT EXCEED SIX (6) TO LIMIT DERATING OF CONDUCTORS TO 80 PERCENT.
- 21. PROVIDE 200% NEUTRAL FOR MULTIPLE BRANCH CIRCUITS WITH COMMON NEUTRAL FEEDING ELECTRONIC LOADS OR PROVIDE A SEPARATE NEUTRAL PER CIRCUIT
- 22. PROVIDE LINE AND LOW VOLTAGE POWER AND CONTROL WIRING INCLUDING TEMPERATURE CONTROL, CONNECTIONS TO MOTORS, DAMPERS, INSTALLATION OF THERMOSTATS, INTERLOCKING, ETC. EXCEPT THAT WHICH IS SPECIFICALLY NOTED AS BEING BY MECHANICAL CONTRACTOR. PROVIDE CONTROL WIRING PER MECHANICAL DRAWINGS AND SPECIFICATIONS.
- 23. WHEN WIRES ARE INCREASED FOR VOLTAGE DROP THE GROUND WIRE SHALL BE INCREASED EQUALLY.
- 24. PROVIDE A GROUNDING CONDUCTOR, WHICH IS IN ADDITION TO THE CIRCUIT CONDUCTORS INDICATED, IN EACH CONDUIT.
- 25. CONDUCTORS INSTALLED IN WET LOCATIONS (CABLE OR IN CONDUIT) SHALL BE LISTED FOR WET LOCATIONS AND INSTALLED PER NEC/CEC CHAPTER 3. BE TYPES MTW, RHW, RHW-2, TW, THW, THW-2, THHW, THWN, THWN-2, XHHW, XHHW-2, OR ZW. CONDUITS AND BOXES:
- 26. CONDUIT SHALL BE STANDARD STEEL RIGID, IMC OR EMT (THIN WALL) ACCORDING TO CODE REQUIREMENTS, NEC/CEC CHAPTER 3. CONDUIT SHALL BE CONCEALED IN FINISHED AREAS, EXCEPT AS OTHERWISE APPROVED BY ARCHITECT. EMT CONNECTIONS SHALL BE COMPRESSION OR SET-SCREW TYPE. MINIMUM SIZES OF CONDUITS SHALL BE 3/4" FOR EMBEDMENT IN CONCRETE AND 1/2" FOR ALL OTHER APPLICATIONS. ELECTRIC METALLIC TUBING (EMT) SHALL BE GALVANIZED OR ELECTRO-GALVANIZED. EMT SHALL BE USED FOR FEEDERS AND BRANCH CIRCUITS RUN ABOVE SUSPENDED CEILINGS OR CONCEALED IN INTERIOR PARTITIONS 1/2" MINIMUM SIZE. FLEXIBLE METALLIC CONDUIT MAY BE USED IN LIEU OF EMT ONLY WHERE PERMITTED BY ARTICLE 310.10, LOCAL AUTHORITIES AND ONLY FOR LESS THAN 6 FOOT CONNECTIONS TO FIXTURES AND EQUIPMENT.
- c. RIGID STEEL CONDUIT: OUTDOOR, EXPOSED, OR CONCEALED, IN ELECTRICAL AND MECHANICAL ROOMS. d. EMT CONDUIT: DRY LOCATIONS ONLY, NOT SUBJECT TO PHYSICAL DAMAGE.
- e. RIGID NON-METALLIC CONDUIT: UNDERGROUND AND RECESSED IN CONCRETE WALL AND COLUMNS.
- f. FLEXIBLE METALLIC CONDUIT (FMC): DRY LOCATIONS ONLY.
- g. NON-METALLIC SHEATHED: PER ARTICLE 334.
- 27. NO CONDUIT SHALL BE RUN IN DUCTWORK.
- 28. PAINTING OF ELECTRICAL CONDUITS, ETC., IF REQUIRED WILL BE BY GENERAL CONTRACTOR.

- 29. MC CABLE MAY BE PROVIDED FOR BRANCH CIRCUITS AS PERMITTED BY CODE.
- 30. ELECTRICAL CONTRACTOR SHALL PROVIDE EG CONDUIT FOR ALL FLEX RACEWAYS. 31. OUTLET BOXES AND COVERS SHALL BE GALVANIZED, ONE-PIECE PRESSED STEEL KNOCKOUT TYPE.
- 32. JUNCTION, PULL BOXES AND COVERS SHALL BE GALVANIZED STEEL, CODE GAUGE SIZE.
- 33. CONDUIT SYSTEM FOR COMMUNICATIONS DISTRIBUTION WITHIN THE PREMISES SHALL BE PROVIDED WHERE
- REQUIRED FOR INTERCONNECT COMPANY WIRES. OUTLET BOXES SHALL BE 4" SQUARE MINIMUM WITH SINGLE DEVICE COVER AND TELEPHONE PLATE.
- CONDUITS PASSING THROUGH DIFFERENT AMBIENT TEMPERATURE AREAS ARE TO SEALED TO PREVENT THE 34 CIRCULATION OF WARM AIR TO A COLDER SECTION OF THE RACEWAY OR SLEEVE. WIRING DEVICES:
- 35. COLOR OF WIRING DEVICES SHALL BE AS SELECTED BY THE ARCHITECT. RECEPTACLES SHALL BE 15A-125V-3 WIRE GROUNDING TYPE EQUAL TO LEVITON 16252, OR GFCI (GFI) 15A-125V-3 WIRE GROUNDING TYPE EQUAL TO LEVITON 7599 WHERE INDICATED, OR 20A-125V-3 WIRE GROUNDING TYPE EQUAL TO LEVITON 16362 AS INDICATED ON DRAWINGS. USB RECEPTACLES SHALL BE TAMPER RESISTANT DUPLEX RECEPTACLES 15A-125V-3-WIRE EQUAL TO LEVITON T5632; SINGLE DUPLEX RECEPTACLES ON A CIRCUIT SHALL BE RATED THE SAME AS THE BREAKER RATING.
- 37. DEVICES IN DWELLING UNITS, GUEST ROOMS, ALL AREAS ACCESSIBLE TO CHILDREN, AND OTHER LOCATIONS AS REQUIRED BY CODE SHALL BE TAMPER RESISTANT TYPE DEVICES.
- 38. ALL OUTDOOR AND INDOOR RECEPTACLES AND SWITCHES IN DAMP LOCATIONS AND WET LOCATIONS SHALL BE
- "WEATHER RESISTANT" TYPE OF DEVICE PER NEC/CEC 406.9. 39. DEVICES IN WET LOCATIONS SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHILE-IN-USE TYPE AND
- SHALL BE IDENTIFIED AS EXTRA DUTY.
- 40. GROUND FAULT CIRCUIT INTERRUPTER (GFI) SHALL BE INSTALLED AS REQUIRED BY CODE. FEED THROUGH WIRING OF GFCI RECEPTACLES IS NOT ACCEPTABLE.
- PER CEC 210.8 AND 210.8(B); ALL 125 VOLT, 15 AND 20 AMP GFI RECEPTACLES THAT ARE NOT READILY ACCESSIBLE SHALL BE PROTECTED BY A GFCI TYPE CIRCUIT BREAKER. CONTRACTOR SHALL PROVIDE A SINGLE SPACE GFCI CIRCUIT BREAKER.
- 42. SWITCHES SHALL BE SPECIFICATION GRADE RATED 20A AT 120/277 VOLT LEVITON #5621. 3-WAY SWITCHES SHALL BE SPECIFICATION GRADE 20A AT 120/277 VOLT, LEVITON #5623. SIDE SCREW TERMINALS SHALL BE USED. 43. DIMMER SWITCHES SHALL BE RATED FOR THE TOTAL LOAD (WATTS) SERVED. CONTRACTOR SHALL ADD
- ADDITIONAL DIMMER SWITCHES AS NEEDED TO SERVE THE LIGHTING INDICATED. DIMMER SWITCHES SHALL BE
- RATED FOR THE LOAD TYPE. 44. SPECIAL DEVICES SHALL BE SPECIFICATION GRADE.
- 45. COLOR OF DEVICE PLATES SHALL MATCH DEVICES FOR FLUSH OUTLETS, USE GALVANIZED TRIMFIT STEEL FOR SURFACE OUTLETS.
- 46. DEVICE PLATES SHALL BE THERMOPLASTIC NYLON OF A "STANDARD SIZE" (2.75"x4.5") TO SUIT THE DEVICE(S) INSTALLED. THE USE OF OVERSIZED DEVICE PLATES, MIDWAY DEVICE PLATES AND SECTIONALIZED DEVICE PLATES IS NOT PERMITTED. DEVICES IN FOOD SERVICE AREAS, LABS, UNFINISHED AREAS, MECHANICAL AND ELECTRICAL ROOMS SHALL HAVE SMOOTH STAINLESS STEEL DEVICE PLATES SCREW HEADS SHALL MATCH DEVICE PLATE.
- 47. DEVICE PLATES SHALL BE INSTALLED WITH FOUR EDGES IN CONTINUOUS CONTACT WITH FINISHED WALL SURFACES WITHOUT THE USE OF MATS OR SIMILAR DEVICES AND LEVEL.
- 48. COORDINATE ALL DIMMER SWITCHES SO THAT THEY ARE COMPATIBLE WITH THE SOURCE BEING DIMMED. 49. ELECTRICAL OUTLETS SHALL BE MOUNTED A MINIMUM OF 15" TO THE BOTTOM AND 48" TO THE TOP OF OUTLET
- BOXES UNLESS OTHERWISE NOTED.
- 50. SWITCHES AND CONTROLS SHALL BE 48" ABOVE FINISHED FLOOR TO TOP OF SWITCH OR CONTROL BOX.
- 51. LUMINAIRES, INCLUDING LAMPS, SHALL BE FURNISHED AS INDICATED ON ELECTRICAL PLANS. INSTALL ALL LUMINAIRES AND LAMPS. PROVIDE ALL MOUNTING HARDWARE AND MATERIALS FOR A COMPLETE INSTALLATION. (O.F.C.I.) LUMINAIRES FURNISHED BY OWNER INCLUDING LAMPS. PROVIDE ALL LAMPS.
- 52. LUMINAIRE: COMPLETE LIGHTING UNIT; INCLUDING LAMPS, REFLECTORS, HOUSINGS, MOUNTING HARDWARE, AND INTEGRAL CONTROLS AS SPECIFIED ON LUMINAIRE SCHEDULE AND PLANS.
- 54. EMERGENCY LIGHTING SHALL COMPLY WITH CBC SECTION 1008, WHERE ADJUSTABLE, SHALL BE ADJUSTED TO MEET THE REQUIREMENTS OF ALL CODES. MAINTAIN A MINIMUM OF 0.1 FOOT-CANDLES: AN AVERAGE MINIMUM OF 1.0 FOOT-CANDLES AND NO GREATER THAN A MAXIMUM-TO-MINIMUM OF 40:1. ILLUMINATION UNDER NORMAL POWER SHALL NOT BE LESS THAN 1.0 FOOT-CANDLE.
- 56. TIME SWITCH LIGHTING CONTROLS, AUTOMATIC AND ASTRONOMICAL TIME SWITCH, SHALL PROVIDE BACKUP CAPABILITIES THAT PREVENT LOSS OF SCHEDULE FOR AT LEAST SEVEN DAYS AND SHALL COMPLY WITH TITLE 24. PART 6. SECTION 110.9(b)1.
- WHERE DAYLIGHT SENSORS ARE SHOWN ON PLANS, LOCATION SHOWN IS DIAGRAMMATICAL. VERIFY LOCATION IS PER MANUFACTURER RECOMMENDATIONS BASED ON TYPE OF SENSOR (OPEN/CLOSED LOOP). VERIFY WIRING REQUIREMENTS TO ADDITIONAL SENSORS, ROOM CONTROLLERS, REPLAY PACKS, ETC. WITH PRODUCT BEING PROVIDED.
- DOOR, AND TYPEWRITTEN DIRECTORY. TWO AND THREE POLE BREAKERS SHALL BE COMMON TRIP TYPE.
- 52. PROVIDE TWO SPARE KEYS FOR EACH TYPE OF PANEL BOARD. ALL PANEL BOARDS SHALL BE KEYED ALIKE. 53. BUSSING SHALL BE PLATED COPPER OR ALUMINUM AND SHALL BE 100% HEAVY DUTY RATED WITH SEQUENTIAL PHASED BRANCH DISTRIBUTION. A SOLIDLY BONDED COPPER GROUND BAR SHALL BE PROVIDED.
- 54. INTERIOR TRIM SHALL BE DEAD FRONT CONSTRUCTION TO SHIELD USER FROM ENERGIZED PARTS.
- 55. CONTINUOUS MAIN RATING SHALL BE AS INDICATED ON DRAWINGS. PROVIDE UL LISTED FOR SHORT CIRCUIT RATING AS INDICATED ON THE DRAWINGS AND AS RECOMMENDED BY SHORT CIRCUIT STUDY. DISTRIBUTION BOARDS AND ALL OVER-CURRENT PROTECTION DEVICES SHALL BE FULLY RATED AT 110% THE AVAILABLE FAULT CURRENT AS DETERMINED BY THE SHORT CIRCUIT STUDY. SERIES RATING IS NOT ACCEPTABLE.
- PROVIDE EACH PANELBOARD WITH SEPARATE, COPPER EQUIPMENT GROUND BUS, SIMILAR TO NEUTRAL BUS. 56. EQUIPMENT GROUND BUS SHALL HAVE LUG OR LUGS FOR EQUIPMENT GROUNDING CONDUCTOR FROM SWITCHBOARD OR DISTRIBUTION BOARD AND SAME NUMBER AS POLES IN PANEL, SCREW TYPE TERMINALS FOR CONNECTION OF EQUIPMENT GREEN GROUND WIRE. EQUIPMENT GROUND BUS SHALL BE WELDED TO PANEL CABINET AND SHALL BE LOCATED ON BACK OF PANELBOARD.
- 57. NEUTRAL BUS SHALL BE MOUNTED INDEPENDENTLY OF EQUIPMENT GROUND BUS. IN NO CASE SHALL NEUTRAL BUS BE USED AS EQUIPMENT GROUND BUS OR VICE VERSA. NEUTRAL CONDUCTORS SHALL TERMINATE ON NEUTRAL BUS AND EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE ON EQUIPMENT GROUNDING BUS. IN NO INSTANCE SHALL THESE TERMINATIONS BE MIXED.
- MINIMUM INTERRUPTING RATINGS SHALL BE 14,000 (RMS SYMMETRICAL) AT 480/277V AND 10,000 (RMS 58. SYMMETRICAL) AT 208/120V.
- SYSTEMS SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT" AND SHALL HAVE A RED MARKING. 60. WHERE SPARE IS INDICATED, PANELBOARD SHALL BE PROVIDED WITH THE SPECIFIED BRANCH CIRCUIT BREAKER, FULL AMPACITY BUSSING AND MOUNTING HARDWARE. WHERE SPACE IS INDICATED, PANELBOARD SHALL BE PROVIDED WITH FULL AMPACITY BUSSING AND MOUNTING HARDWARE TO ACCOMMODATE FUTURE INSTALLATION OF BRANCH CIRCUIT BREAKER.
- 61. LUGS: MECHANICAL STYLE, SUITABLE FOR NUMBER, SIZE, TRIP RATINGS, AND CONDUCTOR MATERIALS.
- 62. APPLICATION LISTING: APPROPRIATE FOR APPLICATION.
- 63. TYPE SWD FOR SWITCHING LIGHTING LOADS
- a. TYPE HACR FOR HEATING, AIR-CONDITIONING, REFRIGERATING EQUIPMENT AND ELEVATORS.

- 53. ALL LAMPS SHALL BE DIMMABLE FROM 100% TO 10% UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 55. COLOR TEMPERATURE SHALL BE AS INDICATED ON SCHEDULE.

# PANEL BOARDS:

51. PROVIDE BRANCH CIRCUIT PANELS WHICH SHALL BE OF THE BOLTED CIRCUIT BREAKER TYPE WITH DOOR IN

59. CIRCUIT BREAKERS SHALL BE THE SAME MANUFACTURER AS PANELBOARD. CIRCUIT BEAKERS FOR FIRE ALARM

- b. BREAKERS FOR HID SHALL BE LISTED FOR THAT APPLICATION.
- c. BREAKERS FOR DWELLING UNIT BEDROOM RECEPTACLES SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER WHERE REQUIRED BY CODE.
- 68. LEAVE SPARE BREAKERS IN OFF POSITION.
- 69. TWO AND THREE POLE CIRCUIT BREAKERS SHALL USE 240 VOLT STRAIGHT BREAKERS. NOT 120/240 VOLT BREAKERS.
- ENCLOSED SWITCHES AND STARTERS:
- 70. PROVIDE HEAVY DUTY SAFETY AND DISCONNECT SWITCHES, FUSED OR NON-FUSED AS CALLED FOR ON DRAWINGS AND AS REQUIRED BY CODE. SWITCHES SHALL BE HEAVY DUTY, LOAD AND HORSEPOWER RATED AS MANUFACTURED BY SQUARE D, GENERAL ELECTRIC OR EQUAL. PROVIDE EQUIPMENT GROUND KIT AND NEUTRAL KIT AS REQUIRED. CIRCUIT BREAKERS SHALL BE LISTED FOR APPLICATION AS NOTED IN PANEL BOARD SECTION.
- 71. SINGLE PHASE STARTERS SHALL BE SQUARE D OR EQUAL. THREE PHASE STARTERS SHALL BE PROVIDED WITH OVERLOAD DEVICE IN EACH PHASE. MAGNETIC MOTOR STARTERS SHALL BE USED FOR INTEGRAL HORSEPOWER MOTORS. COMBINATION STARTERS, WHEN USED, SHALL CONTAIN FUSIBLE SWITCHES. **IDENTIFICATION:**
- 72. THE FOLLOWING EQUIPMENT SHALL BE IDENTIFIED WITH ENGRAVED BAKELITE NAMEPLATES AS TO NAME AND/OR FUNCTION, WHERE FED FROM AND VOLTAGE: DISTRIBUTION PANELS, LIGHTING PANELS, MOTOR STARTERS, PUSH BUTTON STATIONS, AND TRANSFORMERS, ADHESIVE NAMEPLATES ARE NOT ACCEPTABLE. MINIMUM LETTER SIZE SHALL BE 1/4" FOR NAME AND 3/8" FOR OTHER INFORMATION.
- 73. WARNING LABELS AND SIGNS SHALL BE INSTALLED AS REQUIRED BY CEC, NEC AND OSHA REGULATIONS. 74. PROVIDE ARC-FLASH HAZARD WARNING LABELS ON ALL ELECTRICAL EQUIPMENT; SUCH AS SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKETS, MOTOR CONTROL CENTERS AS REQUIRED BY THE CEC AND NEC SECTION 110.16 AND OSHA REGULATIONS.
- 75. PROVIDE IDENTIFICATION OF RECEPTACLES THAT ARE SWITCHED BY OCCUPANCY SENSORS OR TIMECLOCK AS REQUIRED BY CA TITLE 24. LABELS SHALL INDICATE HOW DEVICE IS CONTROLLED.
- 76. INSTALL PANELBOARDS AND ACCESSORIES ACCORDING TO NEMA PB 1.1, IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF CEC STANDARD, AND IN COMPLIANCE WITH RECOGNIZED INDUSTRY PRACTICES TO ENSURE THAT PRODUCTS FULFILL REQUIREMENTS.
- 77. PRIOR TO ENERGIZATION OF ELECTRICAL CIRCUITRY, CHECK ALL ACCESSIBLE CONNECTIONS TO MANUFACTURER'S TIGHTENING TORQUE SPECIFICATIONS.
- 78. PRIOR TO ENERGIZATION OF PANELBOARDS, CHECK WITH GROUND RESISTANCE TESTER PHASE TO PHASE AND PHASE TO GROUND INSULATION RESISTANCE LEVELS. CHECK PANELBOARDS ELECTRICAL CONTINUITY OF CIRCUITS AND FOR SHORT CIRCUITS.
- 79. NAMEPLATES ON DISTRIBUTION EQUIPMENT, PANELBOARDS, AND DISCONNECT SWITCHES SHALL BE 3-LINES INDICATING NAME, VOLTAGE/PHASE/WIRE, AND WHERE FED FROM.
- 80. LABEL SWITCHGEAR AS REQURIED IN CEC 110.24(A).
- ELECTRICAL DEMOLITION:
- 81. VERIFY FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS ARE AS SHOWN ON DRAWINGS. TRACE EXISTING CIRCUITS USING ELECTRONIC TRACER TO VERIFY PRIOR TO DISCONNECTION. WHEN EXISTING CIRCUITS ARE REQUIRED TO BE EXTENDED TO FEED EQUIPMENT TO REMAIN, PROVIDE SCHEDULE FOR EXTENDED WORK PRIOR TO DEMOLITION TO ENSURE CONTINUITY OF EXISTING EQUIPMENT.
- 82. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO OWNER/TENANT BEFORE DISTURBING EXISTING INSTALLATION.
- 83. COMMENCEMENT OF DEMOLITION MEANS CONTRACTOR HAS VERIFIED AND ACCEPTED EXISTING CONDITIONS. 84. DISCONNECT ELECTRICAL SYSTEMS IN WALLS, FLOORS, AND CEILINGS SCHEDULED FOR REMOVAL.
- 85. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION AS SHOWN ON CONSTRUCTION DOCUMENTS. ENSURE THAT TEMPORARY WIRING SHALL MEET ALL SAFETY REQUIREMENTS. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUIT, USE PERSONAL EXPERIENCE IN SUCH OPERATIONS.
- DEMOLISH AND REMOVE ALL EQUIPMENT AND DEVICES INCLUDING ASSOCIATED CONDUITS, BOXES AND WIRES BACK TO SOURCE AS SHOWN ON DRAWINGS OR INDICATED IN CONTRACT DOCUMENTS. PROVIDE BLANK COVER PLATES TO ALL ABANDONED FLUSH MOUNTED BOXES WHICH COULD NOT BE REMOVED OR INDICATED TO REMAIN FOR FUTURE USE.
- 87. WHEN EXISTING CIRCUITS OR FEEDERS ARE EXTENDED TO EQUIPMENT OR DEVICES TO REMAIN. WORK SHALL BE PERFORMED UNDER PROVISIONS OF THIS SECTION AND AS INDICATED ON THE DRAWINGS. MINIMUM SIZE OF CONDUCTORS AND CONDUITS SHALL COMPLY WITH CEC AND OTHER SPECIFICATION SECTIONS, WHICHEVER IS MORE STRINGENT.
- 88. EXTEND EXISTING INSTALLATION USING MATERIALS AND METHODS AS SPECIFIED IN THESE SPECIFICATIONS. 89. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN IN SERVICE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- 90. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS INCLUDING LOW VOLTAGE COMMUNICATION AND SIGNAL SYSTEMS (FIRE ALARM, NURSE CALL, SECURITY, ETC.) TO ACCOMMODATE NEW CONSTRUCTION.
- 91. DISCONNECT AND REMOVE ABANDONED DEVICES AND DISTRIBUTION EQUIPMENT.
- 92. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK TO ORIGINAL CONDITIONS. GUARANTEE:
- 93. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.
- 94. FOR THE SAME PERIOD, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY THEM.
- FINALLY 95. INSTALL ALL DEVICES AND EQUIPMENT LEVEL, PLUMB AND SQUARE WITH BUILDING LINES.
- 96. VERIFY ALL FINAL DEVICE AND ROUGH-IN LOCATIONS PRIOR TO INSTALLATION.
- 97. IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED.
- 98. ALL WORK SHALL BE PROVIDED AS REQUIRED BY ALL STATE AND LOCAL CODES WHETHER INDICATED OR NOT. 99. THE LOCATION OF OUTLETS AND EQUIPMENT SHOWN ON THE DRAWINGS IS APPROXIMATE AND THE OWNER'S REP SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLETS OR FIXTURES BEFORE THEY ARE INSTALLED WITHOUT ADDITIONAL COST.
- 100. RECORD ALL FIELD CHANGES IN WORK AS THE JOB PROGRESSES, AND UPON COMPLETION TURN OVER TO THE OWNER A 'RECORD' SET OF PRINTS INDICATING THESE CHANGES.

# REQUIRED SUBMITTALS LIGHTS, LAMPS, BALLASTS-ARRANGE IN ORDER OF LUMINAIRE DESIGNATION RECEPTACLES, SWITCHES, DEVICE PLATES OCCUPANCY AND VACANCY SENSORS DAYLIGHTING CONTROLS AND SYSTEMS TIMECLOCK AND LIGHTING CONTROLS GROUNDING BOXES SAFETY AND DISCONNECT SWITCHES





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# **GENERAL NOTES:**

- A. NEW DEVICES AND DEVICE PLATES COLOR SHALL BE SPECIFIED BY ARCHITECT.
- B. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- C. GENERAL CONTRACTOR SHALL VISIT SITE AND ENSURE ALL BIDDING SUBCONTRACTOR'S VISIT SITE PRIOR TO BID. G.C. WILL BE RESPONSIBLE FOR ALL EXISTING CONDITIONS MEETING OR EXCEEDING THOSE DEPICTED WITH PLANS. WHERE EXISTING CONDITIONS ARE NOT AS SHOWN, G.C. SHALL INCLUDE IN BID THE NECESSARY LABOR AND MATERIALS TO ENSURE THE EXISTING SHELL MEETS OR EXCEEDS THE INTENT OF THE CONSTRUCTION PLANS.
- D. ALL NEW LIGHT FIXTURES TO BE PROVIDED WITH INDEPENDENT WIRE SUPPORT FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE AS FOLLOWS:
- FIXTURES LESS THAN 10 POUNDS, PROVIDE ONE #12 GAGE WIRE (MAY BE SLACK) FIXTURES 11 - 55 POUNDS, PROVIDE TWO #12 GAGE WIRES (MAY BE SLACK)
- FIXTURES 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT PENDANT HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING #9 GAGE WIRE E. ALL LIGHTING NOT CONTROLLED BY OCCUPANCY SENSOR SHALL HOMERUN VIA TIMECLOCK CONTACTOR AT PANEL.
- F. IN AREAS SERVED BY LIGHTING THAT IS DAYLIGHT CONTROLLED, WHEN THE ILLUMINANCE RECEIVED FROM THE DAYLIGHT IS GREATER THAN 150 PERCENT OF THE DESIGN ILLUMINANCE RECEIVED FROM THE GENERAL LIGHTING SYSTEM AT FULL POWER, THE GENERAL LIGHTING POWER IN THAT DAYLIGHT ZONE SHALL BE REDUCED BY A MINIMUM OF 65 PERCENT.
- G. WHERE DAYLIGHT SENSORS ARE SHOWN ON PLANS, LOCATION SHOWN IS DIAGRAMMATICAL. VERIFY LOCATION IS PER MANUFACTURER RECOMMENDATIONS BASED ON TYPE OF SENSOR (OPEN/CLOSED LOOP). VERIFY WIRING REQUIREMENTS TO ADDITIONAL SENSORS, ROOM CONTROLLERS, REPLAY PACKS, ETC. WITH PRODUCT BEING PROVIDED.
- H. EXISTING LIGHTING FROM PREVIOUS TENANT IMPROVEMENT PROJECT SHALL REMAIN. REWORK EXISTING BRANCH CIRCUITRY TO LIGHT FIXTURES AS INDICATED. EXISTING BRANCH CIRCUITS TO REMAIN ARE INDICATED WITH "EX".

# KITCHEN EQUIPMENT NOTES:

- A. VERIFY ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH DIMENSIONED FOOD SERVICE SHOP DRAWINGS PRIOR TO ROUGH-IN.
- B. VERIFY NEMA PLUG CONFIGURATION WITH FOOD SERVICE SHOP DRAWINGS PRIOR TO ROUGH-IN.
- C. ALL ELECTRICAL ROUGH-INS SHOWN ON THIS PLAN ARE FOR FIXTURES AND EQUIPMENT SPECIFIED AS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR, UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL VISIT SITE AND ENSURE ALL BIDDING SUBCONTRACTOR'S VISIT SITE PRIOR TO BID. G.C. WILL BE RESPONSIBLE FOR ALL EXISTING CONDITIONS MEETING OR EXCEEDING THOSE DEPICTED WITH PLANS. WHERE EXISTING CONDITIONS ARE NOT AS SHOWN, G.C. SHALL INCLUDE IN BID THE NECESSARY LABOR AND MATERIALS TO ENSURE THE EXISTING SHELL MEETS OR EXCEEDS THE INTENT OF THE CONSTRUCTION PLANS.
- G. ELECTRICAL CONTRACTOR MUST VERIFY EQUIPMENT BEING USED SO THAT SERVICE REQUIREMENTS ARE ADEQUATELY SIZED AND ROUGHED-IN PROPERLY (LOCATION & HEIGHT) SO AS TO MINIMIZE THE AMOUNT OF MATERIALS & FITTINGS NEEDED FOR FINAL HOOKUP RESULTING IN A NEAT AND ORDERLY LOOKING JOB. ALL DIMENSIONS FOR ITEM'S RUNNING UNDER SLAB ARE FROM CENTER LINE OF COLUMN, OR OUTSIDE EDGE OF SLAB, TO CENTER OF ROUGH-IN'S. ALL OTHER DIMENSIONS ARE FROM FACE STUD.
- H. ALL OUTLETS & J-BOXES ARE TO BE SET HORIZONTALLY, MOUNTED FLUSH UNLESS NOTED OTHERWISE. ALL 120V OUTLETS NOT DESIGNATED WITH SPECIFIC LOADS, TO BE RATED AT 15 AMPS WITH MINIMUM LOOPING.
- ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON FACE OF WALL SHOULD BE BROUGHT TO THAT POINT CONCEALED IN WALL AND STUBBED OUT OF WALL CENTERED AT HEIGHT SHOWN. DO NOT STUB OUT OF FLOOR AND RUN EXPOSED UP FACE OF WALL.
- J. ELECTRICAL CONTRACTOR SHALL BRANCH TO CONNECTIONS WHERE REQUIRED AND CONNECT ALL ELECTRICAL EQUIPMENT, FIXTURES, INCLUDING INTERNAL WIRING REQUIRED IN FIXTURES AND APPLIANCES ARE REQUIRED BY CODE, SPECIFICATIONS AND/OR DRAWINGS.
- K. ALL LABOR, SWITCHES, STARTERS, DISCONNECTS & FITTINGS REQUIRED FOR FOR FINAL CONNECTION OF EQUIPMENT AS NECESSARY TO COMPLY WITH ALL CODES, INCLUDING ALL INTER WIRING TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFIED OTHERWISE IN FOOD SERVICE EQUIPMENT CONTRACT.
- L. ALL ELECTRICAL OUTLET COVER PLATES TO BE STAINLESS STEEL. THOSE REQUIRED IN BUILDING STRUCTURE ARE TO BE FURNISHED BY THE ELECTRICAL CONTRACTOR WITH RECEPTACLE. ALL MAIN BREAKER PANELS AND DISCONNECT SWITCHES REQUIRED BY OTHER ELECTRICAL DRAWINGS ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AT THE TIME OF INSTALLATION.
- M. ELECTRICAL CONTRACTOR TO PROVIDE TIE-IN WIRING BETWEEN FIRE PROTECTION SYSTEM BOTTLE CONTROL HEAD, MICRO-SWITCH AND COOKING EQUIPMENT TO COMPLY WITH APPLICABLE LOCAL CODE REQUIREMENTS FOR EMERGENCY SHUTDOWN FOR ENTIRE COOKLINE EQUIPMENT AND ELECTRICAL POWER. SHUNT TRIP CIRCUITRY MAY BE REQUIRED, REFER TO ALL ELECTRICAL DRAWINGS & REQUIREMENTS.
- N. ALL THREE (3) PHASE POWER CONNECTIONS TO BE ON A FOUR (4) WIRE SYSTEM. ALL SINGLE (1) PHASE POWER CONNECTIONS TO BE ON A THREE (3) WIRE SYSTEM UNLESS NOTED OTHERWISE.
- 0. ELECTRICAL CONTRACTOR SHALL RUN CONTROL WIRING BETWEEN WALK-IN COOLERS/ FREEZERS CONDENSER & EVAPORATOR, PULL WIRES FROM WALK-INS EVAPORATOR TO PANEL, SET ONE DISCONNECT PER EACH CONDENSING UNIT, INSTALL AND WIRE EXTRA LIGHTS IN WALK-IN COOLERS AND FREEZERS AS REQUIRED THRU DOOR SWITCH, WIRE HEAT STRIP TO SAME CIRCUIT AS WALK-IN LIGHTS AND PROVIDE WRAP AROUND HEATER CABLE ON ALL EVAPORATOR DRAIN LINES.
- P. ELECTRICAL CONTRACTOR TO INSTALL HOOD LIGHTING, INTERCONNECT LIGHTS WHEN MORE THAN ONE LIGHT IS PROVIDED AND MAKE FINAL ELECTRICAL CONNECTIONS PER CODE.
- Q. PER CEC 210.8 AND 210.8(B); ALL 125 VOLT THOUGH 250-VOLT RECEPTACLES SUPPLIED BY A SINGLE-PHASE BRANCH CIRCUITS RATED AT 150 VOLTS OR LESS TO GROUND, 50 AMPS OR LESS AND ALL RECEPTACLES BY THREE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 100 AMPS OR LESS, INSTALLED IN LOCATIONS SPECIFIED IN 210.8(B)(1) THROUGH (B)(12) SHALL HAVE GROUND FAULT PROTECTION. IF THE RECEPTACLE IS NOT READILY ACCESSIBLE THE BREAKER SHALL BE A GFCI TYPE.
- R. CONDUITS CONNECTED TO COOLER AND FREEZER SHALL BE SEALED PER CEC 300-7.
- S. SEE ARCHITECTURAL, MECHANICAL, PLUMBING, AND FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.

TYPE,	MTG		LAMP(S)	LUMINAIRE DESCRIPTION	MANUFACTURER &	INPUT	REFERENCE
		QTY	CODE WATT/LUMENS COLOR		CATALOG NUMBER	WATTS VOLTS	NOTES
A	RECESS		LED 5700LM 4000K	LED 2X4 FLAT PANEL, DAMP LOCATION, 1" GRID MOUNTED	HE WILLIAMS BP 2 4 LS 8 CS	48W 120/277V	OR APPROVED EQUAL
AE	RECESS		LED 5700LM 4000K	LED 2X4 FLAT PANEL, DAMP LOCATION, 1" GRID MOUNTED, EM BATTERY BACK-UP	HE WILLIAMS BP 2 4 LS 8 CS EM8W	48W 120/277V	OR APPROVED EQUAL SEE NOTE 1
D1	RECESS		LED 900LM 27K-50K	6" ROUND LED DOWNLIGHT, SLIM RECESSED, DIMMABLE, 90 CRI, WHITE FINISH, TUNABLE COLOR AND LIGHT OUTPUT, DAMP LOCATION LISTED	SUNLITE 85591-SU LFX/DAD/6R/24W/90CRI/5SCT/WH	24W 120V	OR APPROVED EQUAL
D4	RECESS		LED 950LM 27K-50K	6" ROUND LED DOWNLIGHT, SLIM RECESSED, DIMMABLE, 90 CRI, WHITE FINISH, TUNABLE COLOR AND LIGHT OUTPUT, WET LOCATION LISTED	SUNLITE 87707 SU LFX/SDL/6R/12W/SCT	12W 120V	OR APPROVED EQUAL
F	SURFACE		LED LM K	LED WALL SCONCE	T.B.D.	12W 120V	OR APPROVED EQUAL
J1	SURFACE		LED LM K	BACK BAR SHELVING - LED FLEXIBLE TAPE LIGHT, DRY LOCATION RATED, DIMMABLE, 90+ CRI, PROFILE PER OWNER, ARCHITECT AND DESIGNER	CORE LIGHTING LSM20-27K-[LENGTH]-24-[PROFILE]	2W/FT 24V 120V XFMR	OR APPROVED EQUAL
	SURFACE		LED LM K	BEHIND POP OUT FRAMES / MIRRORS - LED INDOOR COB LINEAR TAPE LIGHT, DRY LOCATION RATED, DIMMABLE, 90+ CRI, PROFILE PER OWNER, ARCHITECT AND DESIGNER	CORE LIGHTING LSM-32CB-27K-[LENGTH]-24-[PROFILE]	3.2W/FT 24V 120V XFMR	OR APPROVED EQUAL
J4 - J6	SURFACE		LED 120LM/FT 2700K	BOOTH TOE KICKS - LED FLEXIBLE TAPE LIGHT, DAMP LOCATION RATED, DIMMABLE, 95+ CRI, PROFILE PER OWNER, ARCHITECT AND DESIGNER	CORE LIGHTING LSMW15-27K-[LENGTH]-24-[PROFILE]	1.5W/FT 24V 120V XFMR	OR APPROVED EQUAL
К	SURFACE		LED LM K	LED WALL SCONCE	T.B.D.	12W 120V	OR APPROVED EQUAL
R2	SURFACE		LED LM K	LED SCONCES	T.B.D.	12W 120V	OR APPROVED EQUAL
W	PENDANT		LED LM K	LED PENDANTS	T.B.D.	12W 120V	OR APPROVED EQUAL
Х	AS INDICATE D		WIFIXTURE	SURFACE MOUNT ADJ LED EDGE-LIT EXIT SIGN, SINGLE FACE, BATTERY BACKUP, CLEAR PANEL, HOUSING COLOR AND LETTER COLOR PER OWNER/ARCHITECT	THE EXIT LIGHT CO. ELRT-[LETTER COLOR]-[HOUSING COLOR]- BB-ST-S	5W 120V	OR APPROVED EQUAL SEE NOTE 1
XE	AS INDICATE D		WFIXTURE	SURFACE MOUNT ADJ LED EDGE-LIT EXIT SIGN/EMERGENCY LIGHT COMBO UNIT, SINGLE FACE, BATTERY BACKUP, CLEAR PANEL, HOUSING COLOR AND LETTER COLOR PER OWNER/ARCHITECT	THE EXIT LIGHT CO. COMBOELR-[COLOR]	5W 120V	OR APPROVED EQUAL SEE NOTE 1
ELU	PER PLAN	2	WIFIXTURE 1.5W HEADS	INJECTION MOLDED EMERGENCY LIGHTING UNIT, LED	THE EXIT LIGHT CO. EL-2 WBB	3.3W 120/277V	OR APPROVED EQUAL SEE NOTE 1

8 4 1 x3 E1 8 4 3 E21 B 8 5 GENE 9 9 RECE 33 E15 S 35 EX DI DETE 37 EX R 

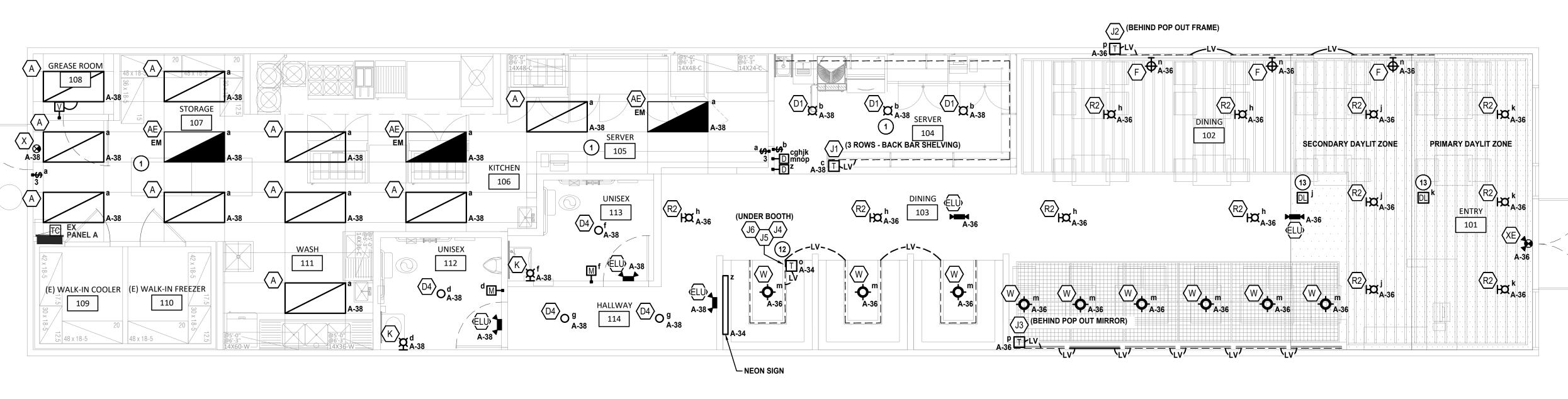
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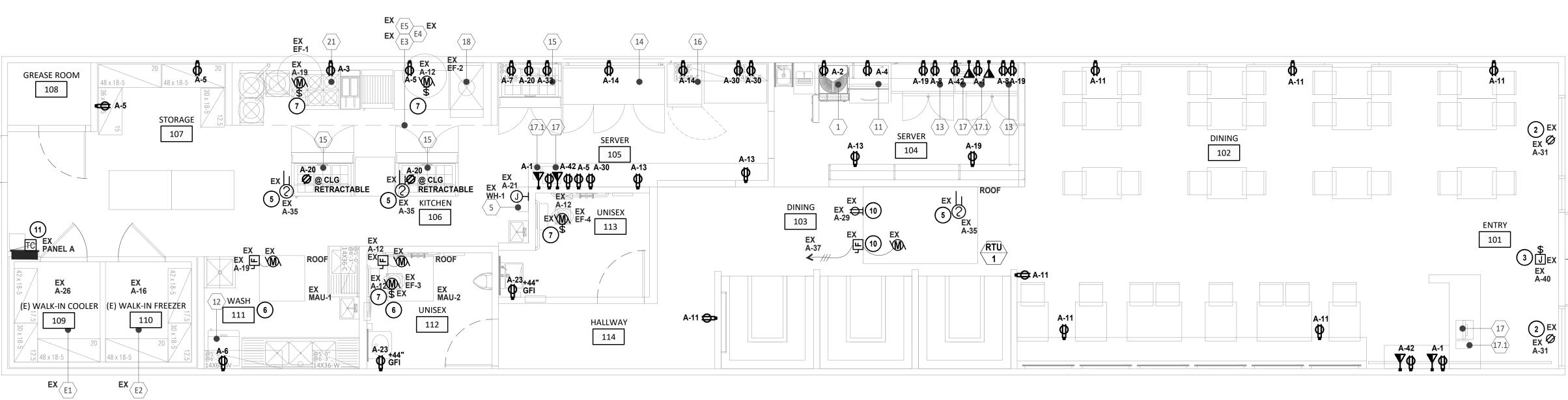
CKT DESC

1. PROVIDE UNSWITCHED HOT LEAD SUPPLYING FIXTURE TO ALL EMERGENCY POWERED BATTERY FIXTURES.

All ideas, design arrangements, and plans indicated or represented by this drawing are owned by, and the property of lkedo Design. and were created, evolved, and be used by or disclosed to any person, firm, or corporation for any public agency is not a publication of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any public agency is not a publication of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation of lkedo Design.

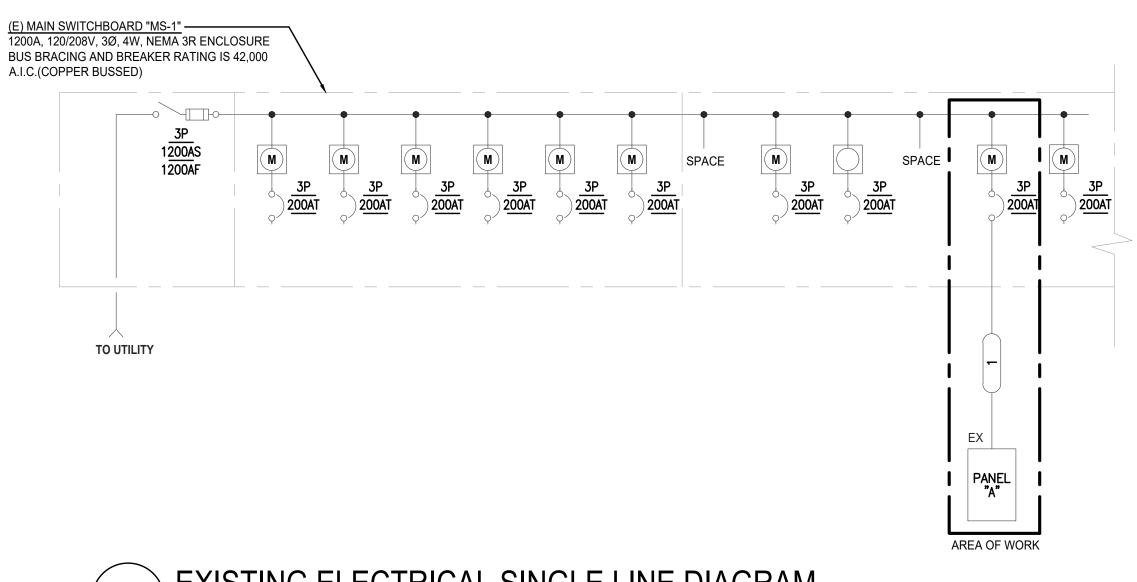


# **ELECTRICAL LIGHTING PLAN**

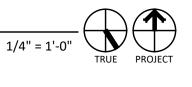


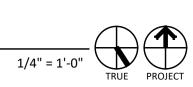
# ELECTRICAL POWER AND SYSTEMS PLAN

	PANEL ID: A		EXISTIN	G		Constraint and the second	/SYSTEM			-		TYPES	-
	LOCATION: KITCHEN					FED FRO			ICAL RM			DY NON-CONTINUOUS	
	MAIN: LUGSONLY BUSAMPS 225					FEEDER SYSTEM:		200 /120V, 3-	AMPS PH 4W			LONG-CONTINUOUS DEMANDABLE RECEPT'S	
	MOUNTING: RECESSED						200					ITCHEN PNL: SUB-FED PNL	
	AIC RATING	EXISTI	NG			MFR:	SCHNEID	) er elec	TRIC		UNIT:	RESID. UNIT MTR: MOTOR	
VT	DEACDIREION	LOAD	DKD	LOAD			(VA)		) (VA)	DKD	LOAD		CIVI
1304 P.A.	X3 E17.1 PRINTER	TYPE KIT	BKR 20/1	PH	1.110111	P1	I.B	Pt	I.C	BKR 20/1	KIT	DESCRIPTION E1 GLASSWASHER	СКТ 2
	X3 EIT.I FRINTER	<b>N</b> II	GFCI	1500	1500		1			GFCI		ETGLASSWASHER	2
3	E21 BURNER RANGE	KIT	20/1 GFCI			720	1258			15/1 GFCI	KIT	E11 ICE MAKER	4
5	GENERAL RECEPT.	КІТ	20/1 GFCI					540	1500	20/1 GFCI	KIT	E12 UC DISHWASHER	6
7	E15 SANDWICH/SAL AD UNIT	KIT	20/1 GFCI	528	<u>504</u>	]		L		20/1 GFCI	KIT	x2 E13 BACK BAR COOLER	8
9	GENERAL RECEPT.	KIT	20/1 GFCI			540				20/1		M/WAR	10
11	DINING AREA RECEPT.	REC	20/1				ė	1260	1006	20/1	6	EXHAUSTS	12
13	GENERAL RECEPT.	кіт	20/1 GFCI	540	1068					20/1 GFCI	KIT	E14 REACH IN REF. & E16 GLASS DOOR REF.	14
5	INSTAHOT		20/			2080	1560			20/	MTR	EX. WALK-IN FREEZER	16
7			/2					2080	<mark>1560</mark>	/2			18
19	EXHAUSTS		30/1	900	528					20/1 GFCI	KIT	x3 E15 SANDWICH/SALAD	20
21	WATER HEATER		20/1			1500				30/		SPARE	22
23	RESTROOM RECEPT.	REC	20/1					360		12			24
<u>!</u> 5	BATHROOM		20/1		1560					20/	MTR	EX. WALK-IN COOLER	26
27	OUTLETS		30/1				1560			/2			28
29	EX ROOFTOP RECEPT.		20/1	1		_,		<mark>180</mark>	540	20/1 GFCI	KIT	GENERAL RECEPT.	30
	EX. DED. SHOW WINDOW RECEPT.		2 <mark>0/1</mark>	360	100			1		20/1		EXIT SIGN	32
	E15 SANDWICH/SAL AD UNIT		20/1 GFCI			528	1500			20/1	LCL	NEON SIGN	34
1.1	EX DUCT SMOKE DETECTORS		20/1 LOCK					200	1139	20/1	LCL	LIGHTING	36
	EX RTU-1		50/	3885	875			·		20/1	LCL	KIT CHEN / BAR LIGHTS	38
39			1.			3885	1200			20/1		SIGN	40
11			/3					<mark>3885</mark>	540	20/1 GFCI	KIT	x3 E17 POS SYSTEM	42
	CONNECTED	VA	DEMAND	VA			PH A	PH B	PHC				-
	GEN'L LOAD: 24909	]	24909	- and the second se			13848	16331	SMCON MERCO	CONNEG	CTED	LOAD PER PHASE	
	LONG CONTIN.: 3514	]	4392					44968		TOTAL	CONNI	ECTED LOAD (VA)	
	GEN'L RECEPT: 1620	1	1620				2	125	AMPSO			IECTED LOAD	
	MOTOR LOAD: 3120	1 6	+25% OF 1	ARGEST				42105				ND VA (BALANCED)	
		1	7674						HIGH PH				









# **KEY NOTES:**

- 1 DIMMING NOT PROVIDED IN THIS AREA TO MAINTAIN LIGHTING LEVELS REQUIRED PER HEALTH CODE. 2 SHOW WINDOW RECEPTACLE. MOUNT WITHIN 18" OF WINDOW HEADER PER CEC 210.62. (3) EXISTING SIGN JUNCTION BOX TO REMAIN. MAINTAIN EXISTING CIRCUIT CONTINUITY. (4) REPLACE EXISTING BREAKER WITH NEW BREAKER AS INDICATED. NEW BREAKER SHALL MATCH EXISTING MANUFACTURER AND AIC RATINGS. 5 EXISTING DUCT SMOKE DETECTORS TO REMAIN. MAINTAIN EXISTING CIRCUIT CONTINUITY. (6) EXISTING MAKE UP AIR UNITS TO REMAIN. MAINTAIN EXISTING CIRCUIT CONTINUITY.
- (7) EXISTING EXHAUST FANS TO REMAIN. MAINTAIN EXISTING CIRCUIT CONTINUITY.
- (8) PROVIDE NEW BREAKER IN EXISTING BUSSED SPACE. NEW BREAKER SHALL MATCH EXISTING MANUFACTURER AND AIC RATINGS.
- (9) NEW LOAD ON EXISTING BREAKER.
- (10) EXISTING DISCONNECT SWITCH AND WEATHERPROOF GFI RECEPTACLE TO REMAIN. MAINTAIN EXISTING CIRCUIT CONTINUITY.
- (11) EXISTING TIME CLOCK.
- 12 PROVIDE QUANTITY OF TRANSFORMERS AS NEEDED. VERIFY LOCATION OF TRANSFORMERS PRIOR TO INSTALLATION.
- (13) DAYLIGHT SENSOR TO BE DIM TO OFF.

# FEEDER SCHEDULE

(1) EXISTING 2 1/2" C. WITH (4) 4/0 Cu & #6 Cu GND.

ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS OTHERWISE INDICATED



# EXISTING ELECTRICAL SINGLE LINE DIAGRAM







REVISION: **REVISION: REVISION:** . REVISION: **REVISION: REVISION:** -----**REVISION:** BID SET: HEALTH SUBMITTAL: CITY SUBMITTAL: TENANT APPROVAL: SCALE: PROJECT NO: DRAWN: 04 / 24 / 23 DATE: ELECTRICAL PLANS

**REVISION:** 

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONL REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED

**E1** 

SHEET NO:

n for multifamily occupanci	l occupancies. It is also used to do		nce with require	ments in 160.5, 170.2	(e) and 180.2(b	o)4 for indoor	iignung scop	es using th	ve path for ne prescriptive
ect Name: ect Address:	es. Multifamily includes dormitory F(	OR LOVE NOODLE	<i>g facilities.</i> RESTAURANT <b>Repo</b> BLVD STE D-5 <b>Date</b>						(Page 1 of 10) 5/19/2023
GENERAL INFORMATION									,
Project Location (city)	NATIONAL CITY			04 Total Conditione 05 Total Unconditio			769		
Occupancy Types Within Pr				06 # of Stories (Hab					
Support Areas • All Other C	/ccupancies								
PROJECT SCOPE	systems that are within the scope	e of the permit a	polication and a	re demonstratina com	nliance usina t	the prescriptiv	ve path outlir	ned in 140 i	6 / 170.2(e) or
1.0(b)2 / 180.2(b)4 for altero				Conditioned Spaces			·	tioned Spa	
My Project Co	01 onsists of (check all that apply):			02 on Method	03 Area (ft <sup>2</sup> )	Ca	04 Iculation Me	thod	05 Area (ft <sup>2</sup> )
<ul> <li>New Lighting System</li> <li>New Lighting System - Pa</li> </ul>	Irking Garage								
Altered Lighting System	al Area of Work (ft <sup>2</sup> )		Area Categ	gory Method 1769	1769	Area	a Category M	ethod 0	0
						•			
egistration Number:			Generated Da						ware: EnergyPro
A Building Energy Efficiency Star	ndards - 2022 Nonresidential Complia	ince	Report Versio Schema Versio	n: 2022.0.000 on: rev 20220101		С			9756-0523-0200 -05-19 17:02:41
te of california door Lighting							CALIFORM		
RTIFICATE OF COMPLIANCE				ort Page:			CALIFUR	NA ENEKG	Y COMMISSION NRCC-LTI-E (Page 4 of 10)
oject Address:	F		BLVD STE D-5 Date	-					(Page 4 of 10) 5/19/2023
	ROLS (Not including PAFs) trols for conditioned and uncondi	tioned spaces.							
ilding Level Controls	01				02				03
Mandatory	/ Demand Response 110.12(c)			Shut-off controls 2		5(b)4C		Field Pass	Inspector Fail
NA < 4,0 ea Level Controls	000W subject to multilevel			See Area/Spa	ce Level Contro	ols			
04	05	06	07	08	09	10	11		12
Area Description	Complete Building or Area Category Primary Function	Manual Area Controls	Multi-Level Controls	Shut-Off Controls 130.1(c) //	Primary/Sky lit Daylighting	Daylighting	Interlocked Systems	Field	Inspector
2 2 300 10 1011	Area	130.1(a) / 160.5(b)4A	130.1(b) / 160.5(b)4B	160.5(b)4C	130.1(d) / 160.5(b)4D	130.1(d) / 160.5(b)4D	140.6(a)1/ 170.2(e)2A	Pass	Fail
DINING	Dining - Bar/Fine	Readily Accessible	Dimmer	Auto. Time Switch	Included	Included	No		
RESTROOMS	Restroom	Readily Accessible	NA: Restrooms	Occupancy Sensor	Ltg < 120W	NA: General Ltg < 120W	NO		
KITCHEN	Kitchen/ Food Preparation	Readily Accessible	Dimmer	Auto. Time Switch	Ltg < 120W	NA: General Ltg < 120W	NO		
HALLWAY	Corridor	Readily Accessible	Dimmer	Auto. Time Switch	Ltg < 120W	NA: General Ltg < 120W	NO		
GREASE RM	Kitchen/ Food Preparation	Readily Accessible	NA: Enclosed area <100SF	Occupancy Sensor		NA: General Ltg < 120W	No 13		
						Plan Shee	t Showing Da	ylit Zones:	
					<u> </u>		E10		
							_		
egistration Number: A Building Energy Efficiency Star	ndards - 2022 Nonresidential Complia	ince	Generated Da Report Versio			с			ware: EnergyPro 9756-0523-0200
			Schema Versi	on: rev 20220101			Report Gene	rated: 2023	-05-19 17:02:41
te of california door Lighting							CALIFOR	NIA ENERG	Y COMMISSION
RTIFICATE OF COMPLIANCE oject Name:	F(	DR LOVE NOODLE	RESTAURANT Repo	ort Page:					NRCC-LTI-E (Page 7 of 10)
		1420 E PLAZA I	BLVD STE D-5 Date	Prepared:					5/19/2023
oject Address:									
		AND IASK LIC	BUING						
·	ALLOWANCE: TAILORED FLOO								
• • ADDITIONAL LIGHTING / is section does not apply to t	this project.								
• • ADDITIONAL LIGHTING / is section does not apply to t	this project.		L EFFECTS						
• • ADDITIONAL LIGHTING A • is section does not apply to t • ADDITIONAL LIGHTING A • is section does not apply to t	this project.	RATIVE /SPECIA							
• • ADDITIONAL LIGHTING A • is section does not apply to t • ADDITIONAL LIGHTING A • is section does not apply to t	this project. ALLOWANCE: TAILORED DECOR this project. ALLOWANCE: TAILORED VERY N	RATIVE /SPECIA							
ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t	this project. ALLOWANCE: TAILORED DECOR this project. ALLOWANCE: TAILORED VERY N	RATIVE /SPECIA /ALUABLE MEF	CHANDISE	PAF))					
ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t POWER ADJUSTMENT: LIG	this project. ALLOWANCE: TAILORED DECOR this project. ALLOWANCE: TAILORED VERY N this project.	RATIVE /SPECIA /ALUABLE MER	ICHANDISE MENT FACTOR (						
ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t POWER ADJUSTMENT: LIG is table includes all areas inc	this project. ALLOWANCE: TAILORED DECOP this project. ALLOWANCE: TAILORED VERY N this project. GHTING CONTROL CREDIT (PC licated in Table I or Table K as usir	RATIVE /SPECIA /ALUABLE MER WER ADJUSTN og a PAF credit do 02	CHANDISE MENT FACTOR ( escribed in 140.6	(α)2 / 170.2(e)2B.	04	05		06	07
ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t POWER ADJUSTMENT: Life is table includes all areas including inditioned Spaces 01	this project. ALLOWANCE: TAILORED DECOP this project. ALLOWANCE: TAILORED VERY N this project. GHTING CONTROL CREDIT (PC licated in Table I or Table K as usir	ATIVE /SPECIA /ALUABLE MER WER ADJUSTN og a PAF credit do 02 .6(a)2 / 170.2(e)	RCHANDISE MENT FACTOR ( escribed in 140.6 2B <sup>1</sup>	(a)2 / 170.2(e)2B.	04 Luminaires Co	ntrolled for P	AF Credit		Additional Control Credit
ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t ADDITIONAL LIGHTING A is section does not apply to t POWER ADJUSTMENT: LIG is table includes all areas ind inditioned Spaces	this project. ALLOWANCE: TAILORED DECOP this project. ALLOWANCE: TAILORED VERY Were this project. GHTING CONTROL CREDIT (PC licated in Table I or Table K as usin PAF per 140 (*Can be used in co 1 2A 2B 3A*	ATIVE /SPECIA /ALUABLE MER /WER ADJUSTN og a PAF credit de 02 .6(a)2 / 170.2(e) njunction with c	CHANDISE MENT FACTOR ( escribed in 140.6 2B <sup>1</sup> ther PAF'S) 5* 6* Pick up to one <sup>2</sup>	7* Luminaire	Luminaires Co	ntrolled for P	AF Credit er of Li aires Cor	06 ghting ntrolled Vatts)	Additional
ADDITIONAL LIGHTING A s section does not apply to t ADDITIONAL LIGHTING A s section does not apply to t ADDITIONAL LIGHTING A s section does not apply to t POWER ADJUSTMENT: Lie s table includes all areas inc aditioned Spaces 01	this project. ALLOWANCE: TAILORED DECOP this project. ALLOWANCE: TAILORED VERY Were this project. GHTING CONTROL CREDIT (PC licated in Table I or Table K as usin PAF per 140 (*Can be used in co 1 2A 2B 3A*	ATIVE /SPECIA /ALUABLE MER /WER ADJUSTN og a PAF credit da 02 .6(a)2 / 170.2(e) njunction with c 3B* 4* o to onePick up	2B <sup>1</sup> ther PAF'S) 5* 6*	(a)2 / 170.2(e)2B. 03 7* Luminaire Pick up Name or Iter	Luminaires Co	ntrolled for P	AF Credit er of Li aires (\	ghting htrolled	Additional Control Credit Allowance

Horizontal slats; 7) Light shelves.

Registration Number:

<sup>2</sup> Luminaires that qualify for PAF 5, 6, or 7 can be used in conjunction with PAF 1.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

All spaces applying PAF 5, 6 or 7 include a daylight design meeting

<sup>1</sup> FOOTNOTES: PAFs outlined in Table 140.6-A /170.2-L include 1) Daylight continuous dimming plus OFF; 2A) Occupant sensors in offices with one sensor per <= 125 ft<sup>2</sup>; 2B) Occupant sensors in offices with one sensor per 126 - 250 ft<sup>2</sup>; 3A) Institutional tuning, non-daylit areas and 3B) Institutional tuning, daylit areas; 4) Demand response; 5) Clerestory fenestration; 6)

Generated Date/Time:

Report Version: 2022.0.000

Schema Version: rev 20220101

requirements in 140.3(d). See Table S.

Registration Number:

18.0

Documentation Software: EnergyPro

Compliance ID: EnergyPro-9756-0523-0200 Report Generated: 2023-05-19 17:02:41

09

Total Power Adjustment (Watts) CONDITIONED SPACES:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

STATE OF CALIFORNIA															STATE OF CALL			
Indoor Lighting	-											CALIFO	ORNIA ENE	ERGY COMMISSION	Indoor L			
CERTIFICATE OF COMP	LIANCE													NRCC-LTI-E		OF COMPLIAN	CE	
Project Name: Project Address:			FC	OR LOVE NOODL 1420 E PLAZ			-							(Page 2 of 10) 5/19/2023	Project Nam Project Add			
rioject Address.				1420 E PLAZ	A BLVD ST		repareu	•						5/15/2025	Floject Add			
C. COMPLIANCE R	CI II TC														F. INDOOF	LIGHTING F	IXTURE SCHEDUL	.E
If any cell on this tab		NOT COMPLY"	or "COMPLIES	with Exception	al Condit	ions" rafar	to Table	D for qui	idanco								nned permanent ar	
				.6(b) / 170.2(e					hting Powe	er per 14 /atts)	40.6(a) / 17	0.2(e)	Com	pliance Results	not include	d here.	using Table T to do	cument lighting
Lighting in	01	02	03	04		05	-	06	07		08			09	Designed V	/attage: Cond	itioned Spaces	03
conditioned and unconditioned spaces must not be combined for	Complete Building	Area Category	Area Category Additional	Tailored 140.6(c)3 /		Total		Total	Adjustm PAF Ligh Control C	ients hting	Total Ad	usted	05 -	nust be >= 08	Name or It Tag		olete Luminaire Description	Modular (Track) Fixture
compliance per 140.6(b)1 / 170.2(e)	140.6(c)1	140.6(c)2 / 170.2(e)4	140.6(c)2G / 170.2(e)4Av	170.2(e)4B (+)		l <b>lowed</b> Watts)		Watts)	140.6(a 170.2(e		= (Wat *Inclu Adjustn	des	100000	0.6 / 170.2(e)	A-AE		AE LED 2x4	No
	(See Table I)	(See Table I)	(+) (See Table J)	(See Table K)			(Se	e Table F)	(-) (See Tab	ole P)					D1	D	OWNLIGHT	No
Conditioned		1,120.1	237		=	1,357	≥	1,663	18	:	= 164	5	DOES	S NOT COMPLY			WALL SCONCE	NO
Unconditioned	t.				=		≥			:	=						APE LIGHT 2W/FT	No
					<u>a</u>	Rate	d Powe				e Table H fo e Table Q fo			COMPLIES	J2-J3	J2-J3	LED TAPE LIGHT 3.2W/FT	No
												(21)			J4-J6	J4-J6	LED TAPE LIGHT 1.5W/FT	No
D. EXCEPTIONAL C															R2		LED SCONCE	No
This table is auto-fille	ed with unedita	able comments	because of se	lections made	or data e	ntered in to	ables thi	roughout t	the form.						W		ED PENDANT	No
E. ADDITIONAL RE This table includes re EXISTING BUILDING		y the permit a <sub>l</sub>	oplicant to the	Authority Hav	ing Jurisd	liction.	_								automatica <sup>2</sup> Authority I Iuminaire, r <mark>G. MODU</mark>	lly makes this laving Jurisdic ot the lamp. AR LIGHTIN		rmit applicant
															This section	does not app	ly to this project.	
Registration Number: CA Building Energy Eff		ls - 2022 Nonres	idential Complia	ance	Rep	nerated Date port Version: nema Versior	2022.0.0				с	ompliance	ID: EnergyF	Software: EnergyPro Pro-9756-0523-0200 023-05-19 17:02:41	Registration CA Building		cy Standards - 2022 N	lonresidential Cc
STATE OF CALIFORNIA Indoor Lighting												CALIFO	ORNIA ENI	ERGY COMMISSION	STATE OF CALL Indoor L CERTIFICATE		CE	
Project Name:			FC	OR LOVE NOODL	E RESTAUR	RANTRepor	t Page:							(Page 5 of 10)	Project Nam			
Project Address:				1420 E PLAZ	A BLVD ST	E D-5 Date F	repared	:						5/19/2023	Project Add	ess:		
I. LIGHTING POWE	R ALLOWANC	CE: COMPLET	E BUILDING C	OR AREA CAT	EGORY N	NETHODS									J. ADDITIC	NAL ALLOW	ANCE: AREA CAT	EGORY METH
Each area complying 140.6(c) or adjustme				ory Methods p	er 140.6(l	b) are inclu	ded in t	his table. (	Column 06	indicate	es if addition	al lighting	g power al	llowances per	All areas in /170.2-M	licated in Tab	le I as using an add	itional allowan
<b>Conditioned Spaces</b>															Conditione	d Spaces		
01			02	5		0		04		5	05		0			01	0	2
Area Desc	ription	Complet	e Building or A Functio	area Category F n Area	Primary	Allowed (W/		Area	(ft <sup>2</sup> )		l Wattage atts)		nal Allowa ategory	nce / Adjustment PAF		ocoriatiaa	Drimery F	action Area
DININ			- Dining Corri	-		0.		94			78.8 8.8		es Io	Yes No	Area D	escription	Primary Fur	iction Area
KITCH			Kitchon/ Eood					75			2.5			No				

 0.95
 750
 712.5
 No
 No

 TOTALS:
 1,769
 1,120.1
 See Tables J, or P for detail

Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro
Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: EnergyPro-9756-0523-0200 Report Generated: 2023-05-19 17:02:41
STATE OF CALIFORNIA		
Indoor Lighting		CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
	DLE RESTAURANT Report Page:	(Page 8 of 10)
Project Address: 1420 E PL	AZA BLVD STE D-5 Date Prepared:	5/19/2023
<b>Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALT</b> This section does not apply to this project.	ERATIONS	
R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEP	TIONS	
This section does not apply to this project.		

Kitchen/ Food Preparation

KITCHEN

K. TAILORED METHOD GENERAL LIGHTING POW
This section does not apply to this project.
L. ADDITIONAL LIGHTING ALLOWANCE: TAILORE
This section does not apply to this project.
Registration Number:
CA Building Energy Efficiency Standards - 2022 Nonresident
STATE OF CALIFORNIA
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name:
Project Address:
S. DAYLIGHT DESIGN POWER ADJUSTMENT FACT
This table documents clerestories, horizontal slats or li
must be documented on the architectural plans or who
01 Complian
T. DWELLING UNIT LIGHTING
This section does not apply to this project.
U. DECLARATION OF REQUIRED CERTIFICATES OF
NRCI-LTI-E - Must be submitted for all buildings
Micheller - Must be submitted for an buildings
V. DECLARATION OF REQUIRED CERTIFICATES OF
NRCA-LTI-02-A - Must be submitted for occupancy sen
inter En 62 A must be submitted for becupancy sen
NRCA-LTI-03-A - Must be submitted for automatic day

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000 Schema Version: rev 20220101

Generated Date/Time:

Documentation Software: EnergyPro Compliance ID: EnergyPro-9756-0523-0200 Report Generated: 2023-05-19 17:02:41

This table includes all documented in Table not included here. Designed Wattage: C 01 Name or Item Tag A-AE D1 D4 D4 D4 D4 F J1 J2-J3 J4-J6 R2 W FOOTNOTE: Design V FOOTNOTE: Design V automatically makes Authority Having Jur uminaire, not the lan <b>FOOTNOTE: Design V</b> <b>FOOTNOTE: Design V</b> <b>Solution Comparison</b> Authority Having Jur uminaire, not the lan <b>G. MODULAR LIGH</b> This section does not Registration Number: CA Building Energy Effi CA Building Energy Effi <b>CA Building Energy Effi</b> <b>CA Building Energy Effi</b>	ING FIXTURE SCHEDULE all planned permanent and le T. If using Table T to docu Complete Luminaire Description A-AE LED 2x4 D1 6" ROUND LED DOWNLIGHT A-AE LED DOWNLIGHT F LED WALL SCONCE LED TAPE LIGHT 2W/FT J2-J3 LED TAPE LIGHT 3.2W/FT J4-J6 LED TAPE LIGHT 1.5W/FT R2 LED SCONCE W LED PENDANT WAETS for small aperture of this adjustment, the perrur urisdiction may ask for Lum amp. HTING SYSTEMS ot apply to this project. F: Efficiency Standards - 2022 No DESCED LED ARE A CATEC INTERSED DESCONCE DESCONCE ACCOUNT DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DESCONCE DE	d portable lighti ument lighting i 03 Modular (Track) Fixture No No No No No No No No No No	1420 E PL ing other than d in multifamily of 04 Small Aperture & Color Change <sup>1</sup> NA NA NA NA NA NA NA NA NA NA	AZA BLVD STE I Iwelling unit/ ommon use a 05 Watts per luminaire <sup>2</sup> 48 24 12 12 2 3.2 1.5 12 3.2 1.5 12 3.2 1.5 12 3.2 Comparison of the second of the secon	reas providing sho 06 How is Wattage determined Mfr. Spec Mfr. Spec Total Desig rer 140.6(a)4B / e in column 05. For compliance per rated Date/Time: rated Date/Time: rt Version: 2022.0.0 ma Version: rev 2022 Date Prepared: SYSTEM	07         07         101         13         13         2         3         2         3         12         9         med Watts: CONI         170.2(e)2D is adju         130.0(c) / 160.5(	No No No No No No No No No No No No No N	oking or sanita 09 Design Wat 624 72 24 36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	tel room lighting ntion, those lumi Field In Pass Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compared Compare	inaires are
INDOOR LIGHTIN is table includes all cumented in Table t included here. isigned Wattage: C 01 CON Tag A-AE D1 CON D4 D4 D4 F F J1 J1 J1 L1 J2-J3 J2 J4-J6 J4 R2 VU COTNOTE: Design V tomatically makes uthority Having Jur ninaire, not the lan CON MODULAR LIGH is section does not Egistration Number: A Building Energy Effi Section does not Egistration Number: A Building Energy Effi Dipect Name: Dipect Addresss: ADDITIONAL ALL areas indicated in 70.2-M CON	all planned permanent and le T. If using Table T to docu complete Luminaire Description A-AE LED 2x4 D1 6" ROUND LED DOWNLIGHT P4 6" LED DOWNLIGHT F LED WALL SCONCE LED TAPE LIGHT 2W/FT J2-J3 LED TAPE LIGHT 3.2W/FT J4-J6 LED TAPE LIGHT 1.5W/FT R2 LED SCONCE W LED PENDANT NUED PENDANT NUED PENDANT NUED PENDANT Contact of small aperture of the sthis adjustment, the performance of apply to this project. Contact of the series of the ser	d portable lighti ument lighting i 03 Modular (Track) Fixture No No No No No No No No No No	ing other than d in multifamily co 04 Small Aperture & Color Change <sup>1</sup> NA NA NA NA NA NA NA NA NA NA	Iwelling unit/ ommon use a 05 Watts per luminaire <sup>2</sup> 48 24 12 12 3.2 1.5 12 3.2 1.5 12 3.2 4 3.2 6 4 8 6 4 8 24 12 3.2 5 1.5 5 12 5 12 5 12 5 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	hotel/ motel room reas providing she 06 How is Wattage determined Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Total Desig per 140.6(a)4B / in column 05. for compliance per for compliance per for compliance per tversion: rev 2022 Report Page: D-5 Date Prepared:	07         07         101         13         13         2         3         2         3         12         9         med Watts: CONI         170.2(e)2D is adju         130.0(c) / 160.5(	No No No No No No No No No No No No No N	oking or sanita 09 Design Wat 624 72 24 36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	PRNIA ENERGY C	g is inaires are
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cumented in Table         signed Wattage: C         01         me or Item         Tag         A-AE         D1         D4         D4         J2-J3         J4-J6         J4-J6         J4-J6         J4-J6         J4-J6         J4-J6         J4-J6         J4-J6         D1         Section does not         MODULAR LIGH         is section does not         egistration Number:         A Building Energy Efficient         iget Address:         TE OF CALIFORNIA         door Lighting         RTIFICATE OF COMPI         iget Address:         O1         ADDITIONAL ALL         areas indicated in         70.2-M         Area Description	Ie T. If using Table T to docu         02         Complete Luminaire Description         A-AE LED 2x4         D1 6" ROUND LED DOWNLIGHT         P4 6" LED DOWNLIGHT         F LED WALL SCONCE         LED TAPE LIGHT 2W/FT         J2-J3 LED TAPE LIGHT 3.2W/FT         J4-J6 LED TAPE LIGHT 1.5W/FT         R2 LED SCONCE         W LED PENDANT         OWAtts for small aperture of this adjustment, the performance of this adjustment, the performance of this adjustment, the performance of this adjustment and the performance of this adjustment and the performance of this adjustment and the performance of this project.         RtTING SYSTEMS         ot apply to this project.         r:         Efficiency Standards - 2022 Note that the performance of the performance o	O3 Modular (Track) Fixture No No No No No No No No No and color chans mit applicant sh ninaire cut shee	O4 Small Aperture & Color Change <sup>1</sup> NA NA NA NA NA NA NA NA NA NA CON FOR LOVE NOO 1420 E PL CON FOR LOVE NOO 1420 E PL	Ommon use a O5 Watts per luminaire <sup>2</sup> 48 24 12 12 3.2 1.5 12 12 which qualify rated wattage wattage used f Gene Repo Scher DLE RESTAURA AZA BLVD STE I	reas providing sho 06 How is Wattage determined Mfr. Spec Mfr. Spec Total Desig rer 140.6(a)4B / e in column 05. For compliance per rated Date/Time: rated Date/Time: rt Version: 2022.0.0 ma Version: rev 2022 Date Prepared: SYSTEM	07         07         101         13         13         2         3         2         3         12         9         med Watts: CONI         170.2(e)2D is adju         130.0(c) / 160.5(	No No No No No No No No No No No No No N	oking or sanita 09 Design Wat 624 72 24 36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	PRNIA ENERGY C	inaires are
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ame or Item Tag A-AE D1 D4 D4 D4 F J1 J2-J3 J2-J3 J4-J6 R2 W COTNOTE: Design W tomatically makes whority Having Jur ninaire, not the lan COTNOTE: Design W tomatically makes whore the lan COTNO	Complete Luminaire Description A-AE LED 2x4 D1 6" ROUND LED DOWNLIGHT F LED WALL SCONCE LED TAPE LIGHT 2W/FT J2-J3 LED TAPE LIGHT 3.2W/FT J4-J6 LED TAPE LIGHT 1.5W/FT R2 LED SCONCE W LED PENDANT W LED PENDANT W LED PENDANT TO Watts for small aperture of the set this adjustment, the performance of the set this project. Tr: Efficiency Standards - 2022 No S ELLOWANCE: AREA CATECT ING SUSTEMS DESCONCE SET SET SET SET SET SET SET SET SET SE	Modular (Track) Fixture No No No No No No No and color chang mit applicant sh ninaire cut sheet onresidential Com	Small Aperture & Color Change <sup>1</sup> NA NA NA NA NA NA NA NA NA NA Color Change <sup>1</sup> NA NA NA NA NA NA NA NA NA NA NA NA NA	Watts per luminaire <sup>2</sup> 48 24 12 12 3.2 1.5 12 3.2 4 3.2 3.2 5 1.5 6 4 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	How is Wattage determined Mfr. Spec Mfr. Spec Total Desig per 140.6(a)4B / e in column 05. for compliance per te in column 05. for compliance per te in column 05. for compliance per Per 140.6(a)4B / e in column 05. for compliance per State Date/Time: ret Version: 2022.0.0 ma Version: rev 2022 Date Prepared:	<ul> <li>Total Number of Luminaires</li> <li>13</li> <li>3</li> <li>2</li> <li>3</li> <li>34</li> <li>168</li> <li>33</li> <li>12</li> <li>9</li> <li>med Watts: CON</li> <li>170.2(e)2D is adjuing</li> <li>130.0(c) / 160.5(c)</li> </ul>	Excluded per 140.6(a)3 / 170.2(e)2C No No No No No No No No No Solutioned spaces	Design Wat 624 72 24 36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	Field In Field In Pass	Image: Spector         Fail         Fail         Image: Some state         Image: Some stat
Tag         A-AE         D1         D4       D4         F       F         J1       J1 LI         J2-J3       J2         J4-J6       J4         R2       J4         W       OOTNOTE: Design W         OOTNOTE: Design W       J4         Idomatically makes       J4         MODULAR LIGH       J4         Mobular Light       J4         Mobular Lighting       J4         MODULAR LIGH       J4         Mobular Lighting       Mobular Light         Mobular Lighting       Mobular Light         Mate of California       Address         A Building Energy Efficient       Mobular Light         Mate of California       Mate of California         Address:       OI         Atte of California       Mate of California         Address:       OI         Area Description       OI	Description         A-AE LED 2x4         D1 6" ROUND LED         DOWNLIGHT         P4 6" LED DOWNLIGHT         F LED WALL SCONCE         LED TAPE LIGHT 2W/FT         J2-J3 LED TAPE LIGHT 3.2W/FT         J4-J6 LED TAPE LIGHT 1.5W/FT         R2 LED SCONCE         W LED PENDANT         Matts for small aperture of the state of	(Track) Fixture No No No No No No No No No and color chang mit applicant sh minaire cut shee onresidential Com onresidential Com onresidential Com onresidential Com on the shee on the sh	Color Change <sup>1</sup> NA Singl luminaires hould enter full i ets to confirm w  FOR LOVE NOO 1420 E PL D D QUALIFYING is using the Area 03	luminaire <sup>2</sup> 48 24 12 12 2 3.2 1.5 12 3.2 which qualify rated wattage rattage used f Gene Repo Schei	determined         Mfr. Spec         Total Desig         per 140.6(a)4B /         e in column 05.         for compliance per         rated Date/Time:         rt Version: 2022.0.0         ma Version: rev 202:         NT         Report Page:         D-5         Date Prepared:	of Luminaires	170.2(e)2C No No No No No No No DITIONED SPACES usted to be 75% /8	624 72 24 36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	Pass	COMMISSION NRCC-LTI-E (Page 6 of 10)
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D4       D4         F       F         J1       J1 Lt         J2-J3       J2         J4-J6       J4         R2       J4         W       Image: State of the sta	D4 6" LED DOWNLIGHT         F LED WALL SCONCE         LED TAPE LIGHT 2W/FT         J2-J3 LED TAPE LIGHT         3.2W/FT         J4-J6 LED TAPE LIGHT         1.5W/FT         R2 LED SCONCE         W LED PENDANT	No Conresidential Com Sorresidential Com Conresidential Com Co	NA NA NA NA NA NA NA NA NA NA The set of the	12 12 3.2 1.5 12 12 which qualify rated wattage rattage used f Gene Repo Scher DLE RESTAURA AZA BLVD STE I	Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Total Desig per 140.6(a)4B / in column 05. For compliance per an column 05. For compliance per Mfr. Spec Total Desig per 140.6(a)4B / in column 05. For compliance per Stream Page: D-5 Date Prepared:	2 3 34 168 33 12 9 med Watts: CONI 170.2(e)2D is adju 170.2(e)2D is adju 130.0(c) / 160.5( 00 20101	No No No No No DITIONED SPACES usted to be 75% /8	24 36 68 537.6 49.5 144 108 1,663 30% of their rate must be the m Docum Compliance II Report Ge	hentation Softward D: EnergyPro-9756 nerated: 2023-05	Image: Control of the state of the stat
F       F         J1       J1 Li         J2-J3       J2         J4-J6       J4         R2       J4         W       DOTNOTE: Design W         DOTNOTE: Design W       J4         COTNOTE: Design W       J4         MODULAR LIGH       J5         is section does not       J4         egistration Number:       A Building Energy Effi         TE OF CALIFORNIA       GOOR Lighting         RTIFICATE OF COMPI       Dject Name:         Dject Address:       Diget Address:         ADDITIONAL ALLL       Area Description         Area Description       D1	F LED WALL SCONCE LED TAPE LIGHT 2W/FT J2-J3 LED TAPE LIGHT 3.2W/FT J4-J6 LED TAPE LIGHT 1.5W/FT R2 LED SCONCE W LED PENDANT Watts for small aperture of the state of the stat	No N	NA NA NA NA NA NA NA Ging luminaires hould enter full r ets to confirm w Poly Confirm w NA NA NA NA NA NA NA NA NA NA NA NA NA	12 2 3.2 1.5 12 12 which qualify rated wattage wattage used f Gene Repo Scher DLE RESTAURA AZA BLVD STE I	Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Total Desig per 140.6(a)4B / e in column 05. for compliance per rated Date/Time: rated Date/Time: rt Version: 2022.0.0 ma Version: rev 2022 NT Report Page: D-5 Date Prepared:	3 34 168 33 12 9 med Watts: CON 170.2(e)2D is adju 170.2(e)2D is adju 130.0(c) / 160.5( 00 20101	No No No No DITIONED SPACES usted to be 75% /8	36 68 537.6 49.5 144 108 1,663 30% of their rat must be the m Docum Compliance II Report Ge	nentation Softwar D: EnergyPro-9756 nerated: 2023-05	COMMISSION NRCC-LTI-E (Page 6 of 10)
J2-J3       J2         J4-J6       J4         R2       J4         W       DOTNOTE: Design W         DOTNOTE: Design W       Jutomatically makes         wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww	J2-J3 LED TAPE LIGHT 3.2W/FT J4-J6 LED TAPE LIGHT 1.5W/FT R2 LED SCONCE W LED PENDANT a Watts for small aperture of the st his adjustment, the performance and the state of the state of the state and the state of the state of the state and the state of the state of the state of the state and the state of the state of the state of the state of the state and the state of	No No No No No and color chang mit applicant sh ninaire cut shee onresidential Com GORY METHO ional allowance	NA NA NA NA NA ging luminaires hould enter full r ets to confirm w FOR LOVE NOO 1420 E PL D QUALIFYING e using the Area	3.2 1.5 12 12 which qualify rated wattage rattage used f Gene Repo Scher DLE RESTAURA AZA BLVD STE I	Mfr. Spec Mfr. Spec Mfr. Spec Mfr. Spec Total Desig per 140.6(a)4B / e in column 05. for compliance per rated Date/Time: rt Version: 2022.0.0 ma Version: rev 2022 NT Report Page: D-5 Date Prepared:	168 33 12 9 (ned Watts: CON 170.2(e)2D is adju 170.0(c) / 160.5( 130.0(c) / 160.5( 20101	No No No DITIONED SPACES	537.6 49.5 144 108 1,663 30% of their rate must be the m Docum Compliance II Report Ge	hentation Softward D: EnergyPro-9756 nerated: 2023-05	e: EnergyPro 6-0523-0200 -19 17:02:41
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Area Description		ction Area								
	on Primary Func	ction Area	Applicable			06	07	01	8 09 Number	10
DINING			Qualifying Lighting Syste from Table 140.6-C	em Density	(W/ft <sup>2</sup> Length of ATM/Mir	or Allowance	Luminaire Name Tag	or Item Watts Lumir	s per of	Total Design
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ust be documented	ed on the architectural plar	ns or where app	propriate within							
01	C	Compliance Stra	асеву							
DWELLING UNIT										
is section does not	ot apply to this project.									
DECLARATION C	OF REQUIRED CERTIFIC	ATES OF INST	ALLATION							
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CI-LTI-E - Must be	e submitted for all building	gs								
DECLARATION O	OF REQUIRED CERTIFIC	ATES OF ACCE	PTANCE							
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RCA-LTI-02-A - Mus	ust be submitted for occup	ancy sensors ar	nd automatic tir	ne switch cor	trols.				INING; RESTROC	DMS;
	iet ha culumber of for	atic day.k-l-t	ontrole					RI	M;	., GREADE
NCA-LII-U3-A - MUS	ust be submitted for autom	iatic daylight co	лта OIS.					וסן	INING;	

Concept Electrical Solutions, Inc. 14427 Elmport Lane Poway, California 92064 cell: 858.449.5732 fax: 858.679.0611 e: robert.aarsleff@conceptelectricalsolutions.com 091-021

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# DDDLE JT STE D-5 A 91950 <u>O z o o</u> $\bigcirc$ Ž $\boldsymbol{\alpha}$ 1420 E | NATIOI FOR

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REVISION:	
REVISION:	
BID SET:	
HEALTH SUBMITTAL:	
CITY SUBMITTAL:	
TENANT APPROVAL:	
SCALE:	
PROJECT NO:	FL-0423
DRAWN:	JC
DATE:	04 / 24 / 23
TITLE 24	

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED. 



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SHEET NO: **E20** 

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
	DLE RESTAURANT Report Page:	(Page 10 of 10
-	ZA BLVD STE D-5 Date Prepared:	5/19/2023
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		
I certify that this Certificate of Compliance documentation is accurate	e and complete.	
Documentation Author Name: Robert Aarsleff	Documentation Author Signature:	Som + Marst
Company:	Signature Date:	
Concept Electrical Solutions, Inc.	2023-05-19	C
Address: 14427 Elmport Lane	CEA/ HERS Certification Identification (if appl	licable):
City/State/Zip:	Phone:	
Poway CA 92064	858-449-5732	
<ol> <li>The building design features or system design features identified on this Certificate of plans and specifications submitted to the enforcement agency for approval with this</li> <li>I will ensure that a completed signed copy of this Certificate of Compliance shall be a inspections. I understand that a completed signed copy of this Certificate of Compliance for Compliance and the submitted signed copy of this Certificate of Compliance for Compliance for Compliance for Compliance for Compliance for Completed signed copy of this Certificate of Compliance for Compliance for Compliance for Completed signed copy of this Certificate of Compliance for Compliance for Compliance for Completed signed copy of this Certificate of Compliance for Compliance for Completed signed copy of this Certificate of Compliance for Completed signed copy of this Certificate of Compliance for Completed signed copy of this Certificate of Compliance for Completed signed copy of this Certificate of Compliance for Completed signed copy of this Certificate of Compliance for Completed signed copy of this Certificate of Completed signed copy of this Certificate signed copy of the certificate signed co</li></ol>	building permit application. made available with the building permit(s) issued for the building	g, and made available to the enforcement agency for all applicable
Responsible Designer Name: Milton Niederhaus	Responsible Designer Signature:	M
Company:	Date Signed:	*
Concept Electrical Solutions, Inc.	2023-05-19	
Address: 2165 North Nutmeg Street	License: E 8636	
City/State/Zip:	Phone:	
Escondido CA 92026	760-735-8883	
Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: EnergyPro-9756-0523-0200 Report Generated: 2023-05-19 17:02:41

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# FOR LOVE NOODLE RESTAURANT 1420 E PLAZA BLVD STE D-5 NATIONAL CITY, CA 91950

	REVISION:	
	REVISION:	
	BID SET:	
	HEALTH SUBMITTAL:	
	CITY SUBMITTAL:	
	TENANT APPROVAL:	
	SCALE:	
	PROJECT NO:	FL-0423
0	DRAWN:	JC
TEC	DATE:	04 / 24 / 23
TION UNTIL PERMITTED	TITLE 24	
CTIC	THIS PERMIT APPLICATION SET OF	DRAWINGS ARE

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED. 





SODU08570      EXISTING VERTICAL DISCHARGE PACKAGED DATA, CAPACITIES, ETC. CLEAN UNIT TO OR 13 FILTER(16"x20"). PROVIDE PROGRAMMAB	MARK	MANUFACTURE & MODEL	R LOCAT	ION	NOMINAL TONS
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DATA, CAPACITIES, ETC. CLEAN UNIT TO OR 13 FILTER(16"x20"). PROVIDE PROGRAMMAB SMOKE DETECTOR AS NEEDED. REFURBISH DIFFERENTIAL ENTHALPY CONTROL.         MARK       MANUFACTURER AND MODEL NO.       LOCATION         (E)EF-1       CAPTIVEAIRE NCA14FA       ROOF         (E)EF-2       CAPTIVEAIRE NCA14FA       ROOF         (E)EF-3       GREENHECK SP-B125       CEILING         (E)EF-4       GREENHECK SP-B125       CEILING					
DATA, CAPACITIES, ETC. CLEAN UNIT TO OR 13 FILTER(16"x20"). PROVIDE PROGRAMMAB SMOKE DETECTOR AS NEEDED. REFURBISH DIFFERENTIAL ENTHALPY CONTROL.         MARK       MANUFACTURER AND MODEL NO.       LOCATION         (E)EF-1       CAPTIVEAIRE NCA14FA       ROOF         (E)EF-2       CAPTIVEAIRE NCA14FA       ROOF         (E)EF-3       GREENHECK SP-B125       CEILING         (E)EF-4       GREENHECK SP-B125       CEILING					
MARKAND MODEL NO.LOCATION(E)EF-1CAPTIVEAIRE NCA14FAROOF(E)EF-2CAPTIVEAIRE NCA14FAROOF(E)EF-3GREENHECK SP-B125CEILING(E)EF-4GREENHECK SP-B125CEILING					
Image:					
(E)EF-2     NCA14FA     ROOF       (E)EF-3     GREENHECK SP-B125     CEILING       (E)EF-4     GREENHECK SP-B125     CEILING	MARK		-	L	OCATION
(E)EF-3     SP-B125     CEILING       (E)EF-4     GREENHECK SP-B125     CEILING		AND MODI	EL NO.	L	
(E)EF-4 SP-B125	<u>(E)EF-1</u>	AND MODI CAPTIVE NCA14 CAPTIVE	EL NO. AIRE FA AIRE	L	ROOF
(E)MAU-1 CHAMPION ROOF	<u>(E)EF-1</u> (E)EF-2	AND MODE CAPTIVE NCA14 CAPTIVE NCA14 GREENH	AIRE FA AIRE FA ECK		ROOF ROOF
(E)MAU-1 CHAMPION ROOF	(E)EF-1 (E)EF-2 (E)EF-3	AND MODE CAPTIVE NCA14 CAPTIVE NCA14 GREENH SP-B12 GREENH	AIRE FA AIRE FA ECK 25 ECK		ROOF ROOF CEILING
	(E)EF-1 (E)EF-2 (E)EF-3	AND MODE CAPTIVE NCA14 CAPTIVE NCA14 GREENH SP-B12 GREENH	AIRE FA AIRE FA ECK 25 ECK		ROOF ROOF CEILING

			EXIS	STING	PACK	AGE	D HEA	T PUMP	UNIT SCH	EDULE						LEGEND	GENERAL NOTES
INANUFACIURER LOCAT		SERVES	SA OSA	A AM		E.S.P.					HEATING	ELECTRICAL	OPER. WEIGHT F			ATION DESCRIPTION	
MARK & MODEL	TONS	SERVES	(CFM) (CFM	A) SUMME DB/ WB (	F) DB (F)	(IN WG)	(HP) TOTA (MBH	(MBH) (DB	EAT.         LAT         L           F)         (WB F)         (DB F)         (W		INPUT HSPF/ (MBH) COP	PH/HZ MCA MC				CEILING DIFFUSER	1. THESE PLANS ARE DIAGRAMMATIC ONLY, AND ILLUSTRATE GENERAL INTENT OF DUCTWORK / PIPE ROUTING, EQUIPMENT LOCATION,
(E) <u>RTU-1</u> CARRIER 50D008570 ROO	OF 6.0	SEE PLANS	2,400 60	0 90/68	38	-	3/4 75.0	56.3 80	64 58	56	80.0 8.0 / - 2	08/3/60 -	- 610	1		EXHAUST REGISTER/EXHAUST GRILLE	MOUNTING, ETC. CONTRACTOR SHALL MAINTAIN A CURRENT SET OF AS-BUILT DRAWINGS ON SITE AT ALL TIMES DURING CONSTRUCTION.
																RETURN REGISTER/RETURN GRILLE	2. CODES: ALL HEATING, AIR CONDITIONING, AND VENTILATING WORK
																DUCT TRANSITION	SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE CALIFORN BUILDING/ MECHANICAL/ PLUMBING CODES (2022), TITLE 24 ENERGY COMMISSION NON-RESIDENTIAL STANDARDS, N.F.P.A. AND THE LOCA
																EXHAUST AIR DUCT DOWN	MECHANICAL CODE AND ANY OTHER LEGALLY CONSTITUTED BODY HAVING JURISDICTION THEREOF.
EXISTING VERTICAL DISCHARGE     DATA, CAPACITIES, ETC. CLEA	GE PACKAGED H	HEAT PUMP UNIT	TO REMAIN. CO	NTRACTOR TO	VERIFY EXIS	TING UNIT W PD MER	RV									EXHAUST AIR DUCT UP	3. PERMITS: THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL FEES,
13 FILTER(16"x20"). PROVIDE F SMOKE DETECTOR AS NEEDE DIFFERENTIAL ENTHALPY CON	PROGRAMMABLE D. REFURBISH E	E TITLE 24 COM	LIANT THERMOS	TAT AND SUP	PLY DUCT MOU	JNTED										RETURN AIR DUCT/OUTSIDE AIR DUCT DOWN	PERMITS, AND LICENSES REQUIRED FOR THE INSTALLATION OF THE WORK AND SHALL DELIVER SAME TO THE OWNERS REPRESENTATIVE/ARCHITECT.
																RETURN AIR DUCT/OUTSIDE AIR DUCT UP	4. SHEET METAL DUCTWORK: ALL SUPPLY AND RETURN DUCTWORK MA
																SQUARE TO ROUND DUCT TRANSITION	AND BRANCHES SHALL BE A MINIMUM 26 GA. GALVANIZED SHEET ME IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL, AND LOC
			E	XISTIN	IG EXI	HAUS	ST / SL	JPPLY F	AN SCHED	ULE						SQUARE TO ROUND DUCT TRANSITION	CODES. SUPPLY AND RETURN DUCTWORK SHALL BE INSULATED PER NON-RESIDENTIAL TITLE 24.
MARK MANUFACTURER AND MODEL NO.	LOCATION	SERVICE	CFM E.S		MOT			FAN WEIGHT RPM (LBS)	MAX. SONES REMA	RKS						SUPPLY DUCT DOWN	5. FLEXIBLE DUCTWORK: DUCTWORK SHALL BE INSULATED HIGH
				WATTS	BHP	HP	V/PH/HZ									SUPPLY DUCT UP	PRESSURE FLEXIBLE DUCT WITH A FACTORY ASSEMBLY CONSISTING OF A GALVANIZED SPRING STEEL WIRE HELIX. A CONTINUOUS INNER
(E)EF-1 NCA14FA	ROOF	HOOD #1 (TYPE I)	2,500 0.7	75 -	-	1.0	115/1/60	1,266 140	- 2								LINER WRAPPED WITH NOMINAL 1 IN. THICK BY 1 LB/CU. DENSITY GLA
(E)EF-2 CAPTIVEAIRE NCA14FA	ROOF	HOOD #1 (TYPE I)	2,500 0.7	75 -	-	1.0	115/1/60	1,266 140	- 2						— CD — C.D.	DUCT TRANSITION - ROUND TO RECTANGULAR CONDENSATE DRAIN LINE (REFER TO PLBG DRAWINGS)	FIBER INSULATION. THE ASSEMBLY SHALL BE ENCLOSED IN A CLASS FIRE RESISTIVE VAPOR BARRIER JACKET, FACTORY SEALED AT BOTH ENDS. THE FLEXIBLE DUCT SHALL BE LISTED BY U.L. AND SHALL
(E)EF-3 GREENHECK SP-B125	CEILING	SEE PLANS	100 0.2	25 53	-	-	115/1/60	1,266 15	1.0 (1)								CONFORM TO THE 90-A CLASS 1 REQUIREMENTS OF THE N.F.P.A. FLEXIBLE DUCT SHALL BE INSULATED IN FULLY EXTENDED CONDITIO
(E)EF-4 GREENHECK	CEILING	SEE PLANS	100 0.2	25 53	-	-	115/1/60	1,266 15	1.0 (1)						G+ DN.	DOWN OR DROP	FREE OF SAGS AND KINKS AS FAR AS PRACTICAL. MINIMUM THERMAL RESISTANCE SHALL BE PER TITLE 24. FLEXIBLE DUCT SHALL BE
SP-B125															FSD FSD	COMBINATION FIRE/SMOKE DAMPER	GLASS-FLEX, CAL-FLEX, CASCO OR APPROVED EQUAL.
															MVD	MANUAL VOLUME DAMPER	<ol> <li>EQUIPMENT: SHALL BE MODEL, TYPE AND CAPACITIES AS INDICATED THE DRAWINGS AND SHALL MEET OR EXCEED THE MINIMUM EFFICIEN AS LISTED IN THE T24 BUILDING ENERGY EFFICIENCY STANDARDS.</li> </ol>
(E)MAU-1 CHAMPION 	ROOF	MAKE UP AIR	4,600 0.2	- 25	-	3/4	115/1/60	- 270	- 3						РОС	POINT OF CONNECTION	7. CONTROLS: SHALL BE FURNISHED AND INSTALLED AS INDICATED ON THE DRAWINGS.
															POD	POINT OF DISCONNECT	8. THERMOSTATS: ALL THERMOSTATS TO BE TITLE-24 APPROVED.
EXISTING CEILING MOUNTED CAPACITY AND CONDITION. C							CONTRAC	TOR TO VERIFY E	MAKE UP AIR UNIT. PROV XISTING CAPACITY AND (	UDE WITH NEW 4	"THICK LOW PD MERV 1	FILTER. ER/ DISCONNECT AN	חו		SD SD	SMOKE DETECTOR (DUCT MOUNTED)	THERMOSTATS TO BE PROGRAMMABLE WITH NIGHT SET BACK FEATURES.
													D				
2) EXISTING ROOF MOUNTED UP CAPACITY AND OPERATING C	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK			UARD, BELTS, AND SHEA FION REQUIREMENTS.						UNIT #	THERMOSTAT, MOUNT AT 48" AFF	9. CERTIFICATE OF ACCEPTANCE (MECH-1-A) AND ALL RELATED ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD
	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK									(T) UNIT #T-STAT(TS)TS	THERMOSTAT, MOUNT AT 48" AFF TEMPERATURE SENSOR (DUCT MOUNTED)	ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK									UNIT #		ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.
CAPACITY AND OPERATING C (E) <u>MAU-1</u> , AND (E) <u>RTU-1</u> ; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK	CONTRO	S & FIRE PROTEC	TION REQUIREMENTS.	VES). REFER TO	D FOOD SERVICE PLANS	FOR ADDITIONAL			UNIT # TS TS UC UC	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK	CONTRO	S & FIRE PROTEC		VES). REFER TO	D FOOD SERVICE PLANS	FOR ADDITIONAL			$\begin{array}{c c} & & & \\ & & \\ & & \\ \hline & & \\ & \\ & \\ & \\$	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL	LOCK	CONTRO	S & FIRE PROTEC	TION REQUIREMENTS.	VES). REFER TO	D FOOD SERVICE PLANS	FOR ADDITIONAL			UNIT # TS TS UC UC	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON	CALLY INTERL		CONTRO	S & FIRE PROTEC	TION REQUIREMENTS.	NES). REFER TO	D FOOD SERVICE PLANS	FOR ADDITIONAL	REMARK		UNIT # TS TS UC UC UC UP AC AFF CFM (E) E.E.S.	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING ENERGY EFFICIENCY STANDARDS	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> <li>12. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE</li> </ul>
CAPACITY AND OPERATING C (E) <u>MAU-1</u> , AND (E) <u>RTU-1</u> ; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON ONTROLS & FI	CALLY INTERL		GRI	S & FIRE PROTEC	FION REQUIREMENTS.	NES). REFER TO	TER SCHEE DESCRIPTION		REMARK		UNIT # $TS$ $TS$ $UC$ $UC$ $UC$ $O++O+-$ $UP$ $AC$ $AFF$ $CFM$ $(E)$	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON ONTROLS & FI	CALLY INTERL		GRI	LLE - DI	FION REQUIREMENTS. FFUSER - F MANUFACTURER A E "TITUS" TDC	NES). REFER TO	DESCRIPTION	FOR ADDITIONAL	REMARKS (12)		$\begin{array}{c c} & & & \\ & & \\ \hline \\ \hline$	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING ENERGY EFFICIENCY STANDARDS EXHAUST AIR	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> <li>12. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS PER SECTION 110.1-110.3, 110.5, 120.1-120.4 TITLE 24 ENERGY STANDARDS.</li> <li>13. PROVIDE SMOKE DETECTOR ON ALL AIR MOVING SYSTEMS EXCEEDIN</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON ONTROLS & FI	SIZE		GRI veck size	S & FIRE PROTEC	FION REQUIREMENTS. FFUSER - F MANUFACTURER AI MANUFACTURER AI TITUS" TDC "TITUS" S300 FS	NES). REFER TO	DESCRIPTION LOUVERED SQUARE FACE DIFFUSER SUPPLY AIR BAR GRILLE	FOR ADDITIONAL	REMARK	S	UNIT # TS TS UC UC UC UP AC AFF CFM (E) E.E.S. EA EAT EF	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING ENERGY EFFICIENCY STANDARDS EXHAUST AIR ENTERING AIR TEMPERATURE EXHAUST FAN EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN) ENERGY EFFICIENCY RATIO	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> <li>12. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS PER SECTION 110.1-110.3, 110.5, 120.1-120.4 TITLE 24 ENERGY STANDARDS.</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON ONTROLS & FI MARK	SIZE	LOCK ON S S S S	CONTRO GRI NECK SIZE SEE PLANS	S & FIRE PROTEC	FION REQUIREMENTS. FFUSER - F MANUFACTURER AI E "TITUS" TDC "TITUS"	NUES). REFER TO	DESCRIPTION	FOR ADDITIONAL	REMARKS		UNIT # (TS) TS $UC$ $UC$ $UC$ $UC$ $O++O+-$ $UP$ $AC$ $AFF$ $CFM$ $(E)$ $E.E.S.$ $EA$ $EAT$ $EF$ $ESP$ $EER$ $FC$ $FLA$ $FPM$	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING ENERGY EFFICIENCY STANDARDS EXHAUST AIR ENTERING AIR TEMPERATURE EXHAUST FAN EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN) ENERGY EFFICIENCY RATIO FLEXIBLE CONNECTION FULL LOAD AMPS FEET PER MINUTE	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> <li>12. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS PER SECTION 110.1-110.3, 110.5, 120.1-120.4 TITLE 24 ENERGY STANDARDS.</li> <li>13. PROVIDE SMOKE DETECTOR ON ALL AIR MOVING SYSTEMS EXCEEDIN</li> </ul>
CAPACITY AND OPERATING C (E)MAU-1, AND (E)RTU-1; REFE	CONDITION. CON	NTROL VIA MOTO	OR RATED SWITC	H. ELECTRON ONTROLS & FI MARK	CALLY INTERI RE PROTECTIO SIZE SEE PLANS SEE PLAN	LOCK ON S S S S	CONTRO	S & FIRE PROTEC LLE – DII TYPE LAY-IN/ SURFAC DUCT	FION REQUIREMENTS. FFUSER - F MANUFACTURER A MANUFACTURER A TITUS" TDC "TITUS" S300 FS "TITUS"	NUES). REFER TO	DESCRIPTION LOUVERED SQUARE FACE DIFFUSER SUPPLY AIR BAR GRILLE RETURN	FOR ADDITIONAL DULE FINISH WHITE WHITE	REMARK:		UNIT # TS TS TS UC UC UC UC UP AC AFF CFM (E) E.E.S. EA EAT EF ESP EER FC FLA FPM FT HZ	TEMPERATURE SENSOR (DUCT MOUNTED) UNDERCUT DOOR 1/2" BY GC RISE OR RISER AIR CONDITIONER ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE EXISTING ENERGY EFFICIENCY STANDARDS EXHAUST AIR ENTERING AIR TEMPERATURE EXHAUST FAN EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN) ENERGY EFFICIENCY RATIO FLEXIBLE CONNECTION FULL LOAD AMPS FEET PER MINUTE FEET HERTZ	<ul> <li>ACCEPTANCE DOCUMENTS SHALL BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.</li> <li>10. ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 120.3, 120.4, AND 120.7 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CMC.</li> <li>11. ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PEF SECTION 110.2 AND 120.2 E.E.S.</li> <li>12. ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS PER SECTION 110.1-110.3, 110.5, 120.1-120.4 TITLE 24 ENERGY STANDARDS.</li> <li>13. PROVIDE SMOKE DETECTOR ON ALL AIR MOVING SYSTEMS EXCEEDIN 2,000 CFM PER SECTION 609.1 CMC 2022.</li> <li>14. EXHAUST DUCTS SHALL BE EQUIPPED WITH BACK-DRAFT DAMPERS F</li> </ul>
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XIST	ING	PAC	XA(	GE	) HE	AT	PUN	MP (	JNI	I SC	HEI	JUL	E									LEGEND	GENERAL NO
OSA	AME	BIENT	E	S.P. M	OTOR	COOL	ING	COOLI	NG COIL	. TEMPER	ATURES	SEER	HE	ATING		ELECTR	ICAL	OPER.		SYMBOL	ABBREVIATIO	I DESCRIPTION	
(CFM)	SUMMEF DB/ WB (F	R WINTE F) DB (F	R I (IN	WG)	(HP)   T(	DTAL SI 1BH)	ENSIBLE (MBH)	EAT. (DB F)	EAT. (WB F)	LAT (DB F)	LAT (WB F)	EEF	INPUT (MBH)		V/PH/H	z мс	A MOCF		REMARKS			CEILING DIFFUSER	1. THESE PLANS ARE DIAGRAMMATIC ONLY, INTENT OF DUCTWORK / PIPE ROUTING, EQ
600	90/68	38		-	3/4	75.0	56.3	80	64	58	56	12.0	80.0	8.0 / -	208/3/6	0 -	-	610	(1)			EXHAUST REGISTER/EXHAUST GRILLE	MOUNTING, ETC. CONTRACTOR SHALL MA AS-BUILT DRAWINGS ON SITE AT ALL TIME
																						RETURN REGISTER/RETURN GRILLE	
																						DUCT TRANSITION	2. CODES: ALL HEATING, AIR CONDITIONING, SHALL CONFORM TO THE LATEST REQUIR BUILDING/ MECHANICAL/ PLUMBING CODE
																						EXHAUST AIR DUCT DOWN	COMMISSION NON-RESIDENTIAL STANDAR MECHANICAL CODE AND ANY OTHER LEGA HAVING JURISDICTION THEREOF.
		VERIFY EX																				EXHAUST AIR DUCT UP	3. PERMITS: THE CONTRACTOR SHALL OBTA
		PLY DUCT M NEEDED W		ED																		RETURN AIR DUCT/OUTSIDE AIR DUCT DOWN	PERMITS, AND LICENSES REQUIRED FOR T WORK AND SHALL DELIVER SAME TO THE REPRESENTATIVE/ARCHITECT.
																						RETURN AIR DUCT/OUTSIDE AIR DUCT UP	4. SHEET METAL DUCTWORK: ALL SUPPLY AN
EXI	STIN	IG E>	KHA	<b>NUS</b>	ST / S	SUF	PLY	/ FA	N S	CHE	EDU	LE										SQUARE TO ROUND DUCT TRANSITION	AND BRANCHES SHALL BE A MINIMUM 26 G IN ACCORDANCE WITH THE LATEST SMACI CODES. SUPPLY AND RETURN DUCTWORK NON-RESIDENTIAL TITLE 24.
E.S.P. (IN WG)			IOTOR			_ FAN		IGHT BS)	MAX. SONES	RI	EMARKS									×1		SUPPLY DUCT DOWN	5. FLEXIBLE DUCTWORK: DUCTWORK SHALL
	WATTS	BHP	HP	· · ·	//PH/HZ	RPIV			SUNES													SUPPLY DUCT UP	PRESSURE FLEXIBLE DUCT WITH A FACTO OF A GALVANIZED SPRING STEEL WIRE HE
0.75	-	-	1.0		15/1/60	1,260	6 1	40	-	2													LINER WRAPPED WITH NOMINAL 1 IN. THIC
0.75	-	-	1.0		15/1/60	1,260	6 1	40	-	2										— CD —	C.D.	DUCT TRANSITION - ROUND TO RECTANGULAR CONDENSATE DRAIN LINE (REFER TO PLBG DRAWINGS)	FIBER INSULATION. THE ASSEMBLY SHALL FIRE RESISTIVE VAPOR BARRIER JACKET, ENDS. THE FLEXIBLE DUCT SHALL BE LISTE
0.25	53	-	-		15/1/60	1,260	5 ·	15	1.0	1										C+	DN.	DOWN OR DROP	CONFORM TO THE 90-A CLASS 1 REQUIREN FLEXIBLE DUCT SHALL BE INSULATED IN FU FREE OF SAGS AND KINKS AS FAR AS PRAC
0.25	53	-	-		15/1/60	1,266	3	15	1.0														RESISTANCE SHALL BE PER TITLE 24. FLEX GLASS-FLEX, CAL-FLEX, CASCO OR APPRO
																				FSD	FSD	COMBINATION FIRE/SMOKE DAMPER	6. EQUIPMENT: SHALL BE MODEL, TYPE AND
																					MVD	MANUAL VOLUME DAMPER	THE DRAWINGS AND SHALL MEET OR EXC AS LISTED IN THE T24 BUILDING ENERGY E
0.25	-	-	3/4		15/1/60	-	2	270	-	3										$\Theta$	POC	POINT OF CONNECTION	7. CONTROLS: SHALL BE FURNISHED AND INS THE DRAWINGS.
																				——————————————————————————————————————	POD	POINT OF DISCONNECT	8. THERMOSTATS: ALL THERMOSTATS TO BE
XISTING ENSOR.				(		RACTOR	R TO VEF	RIFY EXIS	STING CA	APACITY A	ND OPE	RATING (	ONDITION	LOW PD ME OF UNIT, ST SERVICE PL	ARTER/ DI	SCONNE				SD	SD	SMOKE DETECTOR (DUCT MOUNTED)	THERMOSTATS TO BE PROGRAMMABLE W FEATURES.
WITCH. E	LECTRONI	CTOR TO V CALLY INTE	ERLOC							IRÉMENT		,								T UNIT #	T-STAT	THERMOSTAT, MOUNT AT 48" AFF	9. CERTIFICATE OF ACCEPTANCE (MECH-1-A) ACCEPTANCE DOCUMENTS SHALL BE SUE INSPECTOR DURING CONSTRUCTION. CER
																				TS	TS	TEMPERATURE SENSOR (DUCT MOUNTED)	WILL NOT BE ISSUED UNTIL THESE FORMS APPROVED.
																					UC	UNDERCUT DOOR 1/2" BY GC	10. ALL PIPING AND DUCTWORK SHALL BE INS
						י ווכ	E				DE		TED	SCH						0++0+	UP	RISE OR RISER	THE REQUIREMENTS OF SECTIONS 120.3, 1 ENERGY STANDARDS AND CHAPTER 6 OF 0
					G			DIF	FUC					зсп							AC AFF	AIR CONDITIONER ABOVE FINISHED FLOOR	11. ALL HVAC SYSTEMS SHALL MEET THE CON
																					CFM (E)	CUBIC FEET PER MINUTE EXISTING	SECTION 110.2 AND 120.2 E.E.S.
M	IARK	SIZE	<u> </u>	NE	CK SIZE		TYP	Έ	MANU	IFACTURE		IODEL		ESCRIPTION		FINI	SH	REMAF	RKS		E.E.S. EA EAT	ENERGY EFFICIENCY STANDARDS EXHAUST AIR ENTERING AIR TEMPERATURE	12. ALL HVAC EQUIPMENT AND APPLIANCES S REQUIREMENTS PER SECTION 110.1-110.3, ENERGY STANDARDS.
	A	SEE PLA	ANS	SE	E PLANS	LA	Y-IN/ SU	IRFACE			C		FAC	RED SQUAF DIFFUSER		WHI	TE	12			EF	ENTERING AIR TEMPERATURE EXHAUST FAN EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN)	13. PROVIDE SMOKE DETECTOR ON ALL AIR M
	В	SEE PL	ANS	SI	E PLANS		DUC	T			TUS" 0 FS			PPLY AIR R GRILLE		WH	TE	134	)		ESP EER	EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN) ENERGY EFFICIENCY RATIO	2,000 CFM PER SECTION 609.1 CMC 2022.
	c	SEE PLA	ANS	SE	E PLANS		DUC	т		"TIT 350				RETURN BAR GRILLE		WH	TE	123	56		FC FLA FPM	FLEXIBLE CONNECTION FULL LOAD AMPS FEET PER MINUTE	14. EXHAUST DUCTS SHALL BE EQUIPPED WIT SEC. 504.1.1 CMC.
																					FT HZ	FEET HERTZ	15. ALL DUCT INSULATION SHALL HAVE A R-8 I
																					LAT LBS	LEAVING AIR TEMPERATURE POUNDS	16. FLEXIBLE AIR DUCTS AND CONNECTORS S
																					MBH MCA	BRITISH THERMAL UNITS PER HOUR (THOUSANDS) MINIMUM CIRCUIT AMPACITY	FEET IN LENGTH AND SHALL NOT BE USED FITTINGS PER SECTION 603.4.1 CMC.
																					MOCP (N)	MAXIMUM OVERLOAD CIRCUIT PROTECTION NEW	17. ALL DUCT SIZES SHOWN ON PLANS ARE CI
		NSTRUCTION			Č		PER DET ECTION.	TAIL 1 SH	EET M0.	2. (3 (6			DETAIL 3 SH H OPPOSE	IEET M0.2. D BLADE DA	MPERS.						NEC NO OBD	NATIONAL ELECTRICAL CODE NUMBER OPPOSED BLADE DAMPER	18. A DUCT LEAKAGE TEST IS REQUIRED TO B WITH CMC 603.10.1.
Ĺ																					OSA PH	OUTSIDE AIR PHASE BETLIBNI AIR	
									Г		•				-\_/		\ \ /   \ '	00			RA RF RPM	RETURN AIR RETURN FAN REVOLUTIONS PER MINUTE	
											Α	GE	NUY	REVI		JKA	VVIIN	62			SA SF	SUPPLY AIR SUPPLY FAN	
																		ROM THESE SUED FOR A			TEMP	TEMPERATURE	
																		ND COORD		1	U.T.R.	UP THRU ROOF	

ISSUED AT A LATER DATE.

AGENCIES INCLUDE CITY PLAN DEPARTMENTS.

# TAB REQUIREMENT

CONTRACTOR SHALL PROVIDE CERTIFIED TESTING, ADJUSTING AND BALANCING (TAB) REPORT PRODUCED BY AN INDEPENDENT CERTIFIED AGENCY. INCLUDE ALL NEW AND EXISTING AIR MOVING EQUIPMENT AND DEVICES PER HEALTH DEPARTMENT REQUIREMENTS. SUBMIT FINAL REPORT TO ARCHITECT FOR REVIEW.

ING, AND VENTILATING WORK UIREMENTS OF THE CALIFORNIA ODES (2022), TITLE 24 ENERGY DARDS, N.F.P.A. AND THE LOCAL LEGALLY CONSTITUTED BODY

Y AND RETURN DUCTWORK MAINS 26 GA. GALVANIZED SHEET METAL ACNA DUCT MANUAL, AND LOCAL ORK SHALL BE INSULATED PER

ALL BE INSULATED HIGH CTORY ASSEMBLY CONSISTING HELIX, A CONTINUOUS INNER HICK BY 1 LB/CU. DENSITY GLASS ALL BE ENCLOSED IN A CLASS 1 KET, FACTORY SEALED AT BOTH LISTED BY U.L. AND SHALL IREMENTS OF THE N.F.P.A. N FULLY EXTENDED CONDITION PRACTICAL. MINIMUM THERMAL FLEXIBLE DUCT SHALL BE

ND CAPACITIES AS INDICATED ON EXCEED THE MINIMUM EFFICIENCY GY EFFICIENCY STANDARDS. ) INSTALLED AS INDICATED ON

R MOVING SYSTEMS EXCEEDING

WITH BACK-DRAFT DAMPERS PER

R-8 INSULATION VALUE. RS SHALL NOT BE MORE THAN 5 SED IN LIEU OF RIGID ELBOWS OR

E CLEAR INTERNAL DIMENSIONS. O BE CONDUCTED AND COMPLY



990 Highland Drive Suite 110A Solana Beach, CA 92075 p: 858.436.7967



# ЧО **JODL** Ū Ū IT ) STE [ A 919! **O** AN CA CITY, Β TAL REST PLAZ NAL O 1420 E I NATIOI 2 **P**

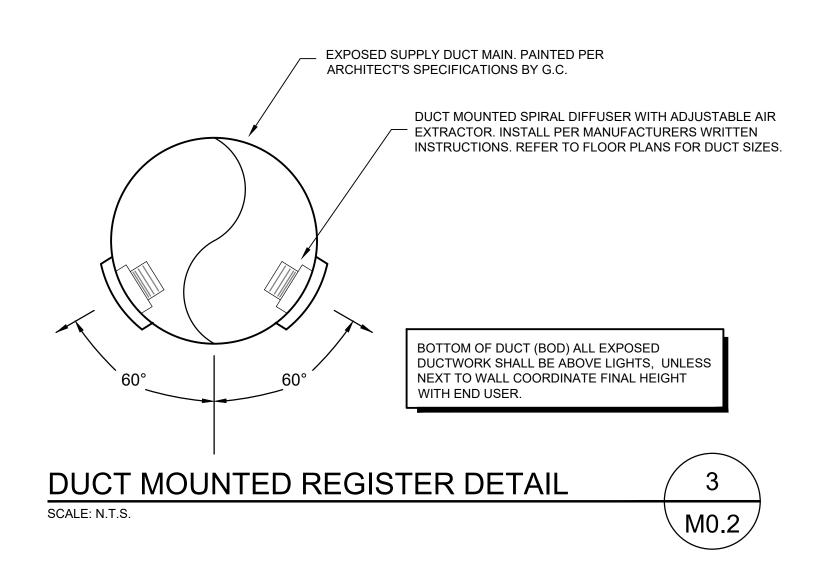
**REVISION: REVISION: REVISION: REVISION: REVISION: REVISION: REVISION: REVISION:** BID SET: HEALTH SUBMITTAL: CITY SUBMITTAL: TENANT APPROVAL: SCALE: PROJECT NO: FL-0423 DRAWN: JC DATE: 04 / 24 / 23 LEGEND, NOTES

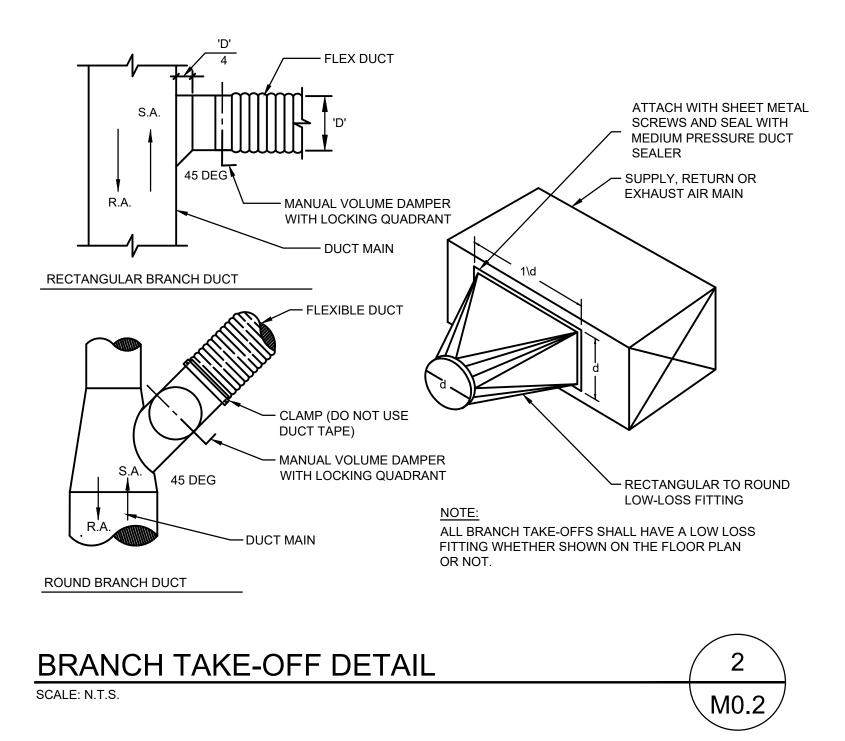
THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

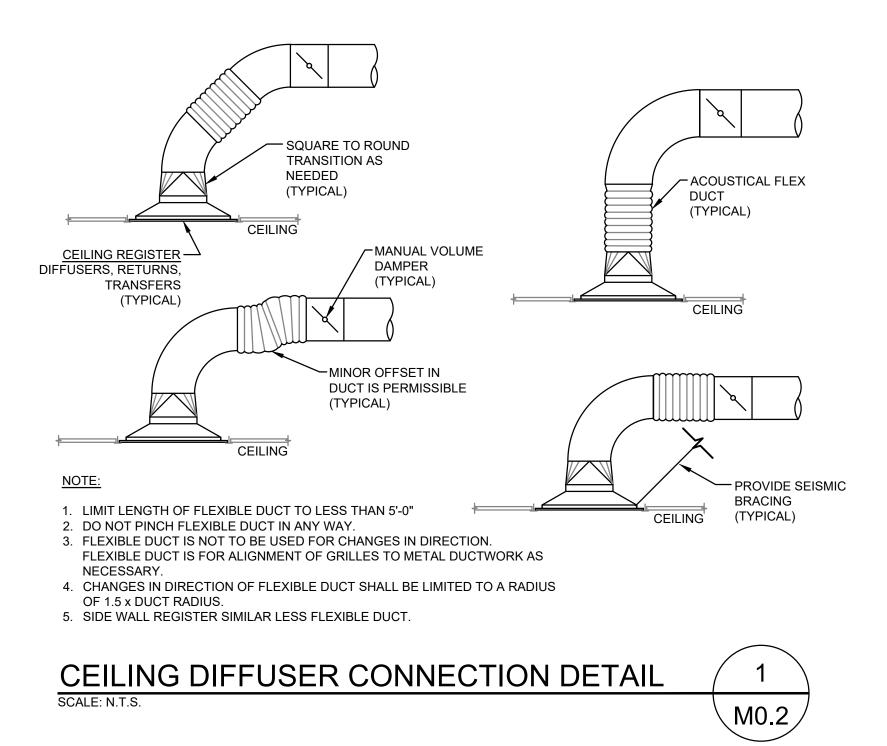
& SCHEDULES













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# DODLE E D-5 950 T STE A 915 \_ AU Ū 1420 E PLA NATIONAI P L FOR

**FLORES** MECHANICAL ENGINEERING



THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

**REVISION:** 

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BID SET:

SCALE:

DRAWN:

DATE:

PROJECT NO:

🚽 DETAILS

HEALTH SUBMITTAL:

TENANT APPROVAL:

MECHANICAL

FL-0423

04 / 24 / 23

JC

CITY SUBMITTAL:

TATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA Mechanical Systems CALIFORNIA ENERGY COM
<b>EXAMPLIANCE</b> This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive	CERTIFICATE OF COMPLIANCE     NRG       Project Name:     For Love Noodle       Report Page:     (Page)
bath outlined in 140.4, or 141.0(b)2 for alterations.  Project Name: For Love Noodle Report Page: (Page 1 of 8)	Project Address:     1420 E Plaza Blvd Ste D-5     Date Prepared:     9
Project Address:       1420 E Plaza Blvd Ste D-5       Date Prepared:       5/24/2023	
A. GENERAL INFORMATION	C. COMPLIANCE RESULTS Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "D
D1       Project Location (city)       National City       04       Total Conditioned Floor Area       1929         D2       Climate Zone       7       05       Total Unconditioned Floor Area       0	NOT COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.         01       02       03       04       05       06       07       08       09
03       Occupancy Types Within Project:       06       # of Stories (Habitable Above Grade)       1	System     Fans/     System       Summary     Distribution
All Other Occupancies	110.1, AND Pumps AND Economizers AND Controls AND Ventilation AND Controls AND 120.3, AND Cooling Towers 140.4(c), 140.4(c), 110.2, 120.2, 120.1, 160.2 140.4(d) 140.4(d) 140.4(l) 140.
3. PROJECT SCOPE	$ \begin{vmatrix} 110.2, \\ 140.4, \\ 170.2(c) \end{vmatrix}  \begin{vmatrix} 170.2(c)4l \\ 170.2(c) \end{vmatrix}  \begin{vmatrix} 140.4(e), \\ 170.2(c) \end{vmatrix}  \begin{vmatrix} 140.4(f), \\ 170.2(c) \end{vmatrix}  \begin{vmatrix} 140.4(d), \\ 170.2(c) \end{vmatrix}  \begin{vmatrix} 140.4(d), \\ 170.2(c)4B \\ 170.2(c)4B \end{vmatrix}  \begin{vmatrix} 140.4(d), \\ 160.2, 160.3 \\ 160.2, 160.3 \end{vmatrix}  \begin{vmatrix} 110.2(e)2 \\ 110.2(e)2 \\ 100.2(e)2 \\ 100.2($
This table Includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.	(See Table F)       (See Table G)       (See Table H)       (See Table I)       (See Table J)       (See Table K)       (See Table L)       (See Table M)         AND       AND       AND       Yes       AND       AND       AND       AND       COMINATION
01     02     03       Air System(s)     Wet System Components     Dry System Components	Mandatory Measures Compliance (See Table Q for Details)     COMPLIES
Heating Air System       Image: Water Economizer       Image: Air Economizer         Cooling Air System       Image: Pumps       Image: Electric Resistance Heat	D. EXCEPTIONAL CONDITIONS
Mechanical Controls     System Piping     Fan Systems	This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
Mechanical Controls (existing to remain, altered or new)	E. ADDITIONAL REMARKS
Chillers     Ventilation       Boilers     Zonal Systems/ Terminal Boxes	This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
	F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
	Space Conditioning System Information         01       02       03       04       05       06
	System Name         Quantity         System Serving         System Status         Space Type         Utilizing Recovered
Registration Number: Generated Date/Time: Documentation Software: EnergyPro	Registration Number: Generated Date/Time: Documentation Software: I
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-11060-0523-0180 Schema Version: rev 20220101 Report Generated: 2023-05-24 10:27:49	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-11060-0 Schema Version: rev 20220101 Report Generated: 2023-05-24
TATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION CALIFORNIA ENERGY COMMISSION	state of california Mechanical Systems
CERTIFICATE OF COMPLIANCE       NRCC-MCH-E         Project Name:       For Love Noodle         Report Page:       (Page 4 of 8)	CERTIFICATE OF COMPLIANCE       NI         Project Name:       For Love Noodle         Report Page:       (F
Project Address:     1420 E Plaza Blvd Ste D-5     Date Prepared:     5/24/2023	Project Address:     1420 E Plaza Blvd Ste D-5     Date Prepared:
. SYSTEM CONTROLS This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in	J. VENTILATION AND INDOOR AIR QUALITY Mechanical Ventilation Required per 120.1(c)3 <sup>3</sup> & 160.2(c)3 Exh. Vent per 120.1(c)4 & 100.2(c)4 Exh. Vent per 120.1(c)4 Exh. Vent per 140.1(c)4 Exh
141.0(b)2E 180.2(b)2 for altered space conditioning systems.         01       02       03       04       05       06       07       08       09	Space Name       160.2(c)4       DCV or Sensor Controls per 120         Space Name       Conditioned # of Shower       # of Shower       # of Shower
Conditioned Thermostats Shut-Off Isolation Supply Air	or Item Tag     Occupancy Type <sup>4</sup> Floor Area (ft <sup>2</sup> )     # of shower heads/ (ft <sup>2</sup> )     # of toilets     # of people <sup>5</sup> Required Min OA CFM     Provided per Design CFM     Provided per Design CFM
System Name System Floor Area 110.2(b) & (c) <sup>2</sup> , 120.2(a) Controls Controls 110.12 120.2(b) & Temp. Reset Window Interlocks per 120.2(c) & Temp. Reset 140.4(f) & Temp. Reset 140.4(n)	DCV NA: Not req §120.1
(ft²)       180.2(b)2       160.3(a)2D       120.2(b) & 100.3(a)2D       170.2(c)4D         FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to	Kitchen     Kitchen (cooking)     1929     289.4     1350.3     5000     Occ Sensor     NA: Not r space
ave setback thermostats.	17Total System Required Min OA CFM28918Ventilation for this System Complies?Yes
. VENTILATION AND INDOOR AIR QUALITY	<sup>1</sup> FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system <sup>2</sup> Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only v
This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(e)3B 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and I:t24refnolink/]160.2, 160.3(a)3D, 170.2(a)4N, 170.2(a)4O for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflows may be shown on the plans or the calculations can be presented	systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outsid occupiable space.
n a spreadsheet.	<sup>3</sup> Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence. <sup>4</sup> See Standards Tables 120.1-A and 120.1-B.
01       Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.         02       Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces	<sup>5</sup> For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code. <sup>6</sup> 120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilatic
03       □         Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.	Examples of spaces which require lighting occupancy sensors include offices 250ft <sup>2</sup> or smaller, multipurpose rooms less than 1,000 ft <sup>2</sup> , classrooms, conference rooms, restrooms and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).
Nonresidential and Hotel/Motel Multifamily Common Use Ventilation Systems 04 05 06 07	Multifamily Dwelling Unit Ventilation Systems <ul> <li>Check the box if the system is using continuous ventilation to meet the ventilation requirements per 160.2(b)2Aivb2</li> </ul>
System Name HP-1 System Design OA CFM 5000 System Design 0 Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 <sup>2</sup>	19         20         21         22         23         24         25         26         27
Airflow <sup>1</sup> Iransfer Air CFM Provided	Mechanical Ventilation Required per 120.1(b) & 160.2(b)2     Ventilation per Design       Space Name     Design
08 09 10 11 12 13 14 15 16	or Item Tag Conditioned # of Bedrooms # of Dwelling Min OA Supply Air Exhaust CEM CEM
	(ft <sup>2</sup> )     Official     CFM <sup>1</sup> CFM <sup>1</sup> 28     Is this a balanced system <sup>4</sup> 29     Meeting Outside Air Requirements?
	<sup>1</sup> FOOTNOTES: Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.
Registration Number:       Generated Date/Time:       Documentation Software: EnergyPro         OUT Dilling for the second	Registration Number:       Generated Date/Time:       Documentation Software:         OLD Filting From Structure Structur
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-11060-0523-0180 Schema Version: rev 20220101 Report Generated: 2023-05-24 10:27:49	CA Building Energy Efficiency Standards - 2022 Nonresidential ComplianceReport Version: 2022.0.000Compliance ID: EnergyPro-11060-0Schema Version: rev 20220101Report Generated: 2023-05-20
TATE OF CALIFORNIA	STATE OF CALIFORNIA
Mechanical Systems       CALIFORNIA ENERGY COMMISSION         Certificate of compliance       NRCC-MCH-E	Mechanical Systems       CALIFORNIA ENERGY CO         CERTIFICATE OF COMPLIANCE       N
Project Name:For Love NoodleReport Page:(Page 7 of 8)Project Address:1420 E Plaza Blvd Ste D-5Date Prepared:5/24/2023	Project Name:     For Love Noodle     Report Page:     (       Project Address:     1420 E Plaza Blvd Ste D-5     Date Prepared:
5/24/2023	
Q. MANDATORY MEASURES DOCUMENTATION LOCATION	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.       02	I certify that this Certificate of Compliance documentation is accurate and complete.         Documentation Author Name:         Documentation Author Signature:
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block Plan sheet or construction document location M-Sheets	Documentation Author Name:     Documentation Author Signature:       Esteban Flores     July       Company:     Signature Date:
Wi-Sheets	Flores Mechanical Engineering, Inc.         Address:         CEA/ HERS Certification Identification (if applicable):
	531 Encinitas Blvd Ste 104     Phone:       City/State/Zip:     Phone:
	Encinitas CA 92024 RESPONSIBLE PERSON'S DECLARATION STATEMENT
	I certify the following under penalty of perjury, under the laws of the State of California:          1.       The information provided on this Certificate of Compliance is true and correct.
	<ol> <li>I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)</li> <li>The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the monostration of Title 24, Part 1 and Part 6 of the California Code of Regulations.</li> </ol>
	4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calc plans and specifications submitted to the enforcement agency for approval with this building permit application.
	5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all a inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. Responsible Designer Name: Responsible Designer Signature:
	Responsible Designer Name:     Responsible Designer Signature:       Esteban Flores     Image: Company:       Date Signed:     Date Signed:
	Flores Mechanical Engineering     2023-05-24       Address:     License:
	531 Encinitas Blvd Ste 104     M35091       City/State/Zip:     Phone:
	Encinitas CA 92024
Registration Number: Documentation Software: EnergyPro	Registration Number: Generated Date/Time: Documentation Software:
Registration Number:       Generated Date/Time:       Documentation Software: EnergyPro         CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance       Report Version: 2022.0.000       Compliance ID: EnergyPro-11060-0523-0180	Registration Number:Generated Date/Time:Documentation Software:CA Building Energy Efficiency Standards - 2022 Nonresidential ComplianceReport Version: 2022.0.000Compliance ID: EnergyPro-11060-0

STATE OF CALIFORNI							C	CALIFORNIA	ENERGY CO	OMMISSION
CERTIFICATE OF C	OMPLIANCE									NRCC-MCH-E
Project Name:			Noodle Report Page							(Page 3 of 8)
Project Address:		1420 E Plaza Blvd S	Ste D-5 Date Prepa	red:						5/24/2023
F. HVAC SYSTE	M SUMMARY (DRY & WET	SYSTEMS)								
Dry System Equi	ipment Sizing (includes air co	nditioners, condensers, heat pumps, VF	RF, furnaces and u	init heaters	and DOAS	systems)				
01	02	03	04	05	06	07	08	09	10	11
					Equipme		er Mechanic ), 170.2(c)1 8			
			Smallest Size	He	ating Outpu	-	Cooling (		1	ulations <sup>3,4</sup>
Name or Item	Equipment Category per Tables 110.2, 140.4(a)2 and	Equipment Type per Tables 110.2 and	Available <sup>1</sup>			Supp.			Total	Total
Тад	170.2(c)3aii	Title 20	140.4(a) and 170.2(c)1	Per Design		Heating	Sensible Per Design	Rated	Heating	Sensible Cooling
				(kBtu/h)	(kBtu/h)	Output (kBtu/h)	(kBtu/h)	(kBtu/h)	Load (kBtu/h)	Load
1										(kBtu/h)
	quipment shall be the smalles 0.2(c)1. Healthcare facilities a	t size, within the available options of the are excepted.	desired equipmer	nt line, neces	ssary to mee	et the desig	n heating an	d cooling lo	oads of the l	ouilding per
		capacity on the equipment schedule. Sens	ible cooling outpu	ut comes fro	m specificat	tion sheet t	ables.			
		utput and load blank. If equipment is coo			it and load l	blank.				
<sup>4</sup> Authority Havir	ng Jurisdiction may ask for loc	ad calculations used for compliance per 1	40.4(b) and 170.2	?(c).						
G. PUMPS										
This section doe	s not apply to this project.									
	AS & AIR ECONOMIZERS									
This section does	s not apply to this project.									
Registration Num	nber:	G	enerated Date/Tim	e:				Documentat	tion Software	e: EnergyPro
CA Building Energ	gy Efficiency Standards - 2022 No	onresidential Compliance R	eport Version: 2022	2.0.000			Complia	ance ID: Ener	rgyPro-11060	-0523-0180
			chema Version: rev						ed: 2023-05-	
STATE OF CALIFORNI										
Mechanical	Systems						(	CALIFORNIA	ENERGY CO	OMMISSION
CERTIFICATE OF C	OMPLIANCE			-						NRCC-MCH-E
Project Name: Project Address:			Noodle Report Page Ste D-5 Date Prepa							(Page 6 of 8) 5/24/2023
rioject Address.				icu.						5/24/2025
J. VENTILATIO	N AND INDOOR AIR QUALI	ТҮ								
<sup>2</sup> Kitchen range h	hood will be verified per NA7.	18.1 to confirm model is rated by HVI or <i>i</i>	AHAM.							
<sup>3</sup> Air filtration re	quirements apply to the follow	wing three system types per 120.1(c)1A:	space conditionin	g systems ut	tilizing ducts	s to supply a	air to occupio	able space;	supply-only	ventilation
systems providin	ng outside air to occupiable sp	pace; supply side of balanced ventilation s								
occupiable space										
4 A balanced ven	itilation system provides vent	ilation airflow to each dwelling-unit at a	rate equal to or g	reater than	the required	d minimum	rate, but not	t more than	twenty per	cent.
K. TERMINAL E	BOX CONTROLS									
This section doe	s not apply to this project.									
L. DISTRIBUTIO	ON (DUCTWORK and PIPIN	IG)								
This section doe	s not apply to this project.									
·	·									
M. COOLING T	OWERS									
	s not apply to this project.									
This section does	s ποι αρριγ το της ρισject.									
			_			_			_	
N. DECLARATIO	ON OF REQUIRED CERTIFIC									
			Form/Title							
	Muct be submitted from U.	uildings	,							
INRCI-IVICH-01-E	- Must be submitted for all b	սոսութչ								
O. DECLARATIO	ON OF REQUIRED CERTIFIC	CATES OF ACCEPTANCE								
There are no NR	CA forms required for this pro	oject.								
P. DECLARATIO	ON OF REQUIRED CERTIFIC	ATES OF VERIFICATION								
	CV forms required for this pro									
	,									
Registration Nurr	nber:	G	enerated Date/Tim	e:				Documentat	tion Software	e: EnergyPro
CA Building Energy	gy Efficiency Standards - 2022 No	onresidential Compliance	eport Version: 2022	2.0.000			Complia	ance ID: Fner	rgyPro-11060	-0523-0180
	, <u>,</u>		chema Version: rev						ed: 2023-05-	





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# **NOODLE** RANT LVD STE D-5 , CA 91950 -BL CITY AU ZA B REST 1420 E PLAZ NATIONAL $\bigcirc$ FOR

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BID SET:

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DRAWN:

SHEET NO:

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PROJECT NO:

HEALTH SUBMITTAL:

TENANT APPROVAL:

TITLE 24 CALCULATIONS

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.

M0.3

FL-0423

04 / 24 / 23

JC

CITY SUBMITTAL:

state of california Domestic Water Heating System California Energy CON						
	state of california Domestic Water Heating System			state of california Domestic Water Heating System		
	CC-PLB-E CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-PLB-E	CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-PLB-I
This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additi	ns and Project Name:	For Love Noodle Report Page:	(Page 2 of 6)	Project Name:	For Love Noodle Report Page:	(Page 3 of 6
alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.	Project Address:	1420 E Plaza Blvd Ste D-5 Date Prepared:	5/24/2023	Project Address:	1420 E Plaza Blvd Ste D-5 Date Prepared:	5/24/202
	e 1 of 6)					
	24/2023					
	E. ADDITIONAL REMARKS			G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM		
A. GENERAL INFORMATION         01       Project Location (city)       National City       02       Climate Zone       7	This table includes remarks made by the permit applicant to the A	Authority Having Jurisdiction.		This table is used to demonstrate compliance for nonresidential occu		For multifamily and hotel/motel occupancies,
01     Project Location (city)     National City     02     Climate Zone     7       03     Occupancy Types Within Project (select all that apply):	F. DOMESTIC HOT WATER EQUIPMENT			compliance is demonstrated with requirements 110.3(c), 160.4, 170. Mandatory Pipe Insulation All Occupancies	.2(a).	
• All Other Occupancies	This table is used to demonstrate compliance with mandatory equ	guipment requirements in 110.1 and 110.3. Compliance with pre	scriptive requirements in 140.5(c) / 170.2(d) must also		sulation must meet the minimum insulation requirements in	Table 160.4-A (see blow) except:
	be demonstrated and with 141.0 / 180.1/ 180.2 for addition and o	l alteration scopes.			nbers shall not be required to have pipe insulation for the dis	
B. PROJECT SCOPE	Equipment Schedule: Water Heating Efficiency and Standby Loss	ss		Insulation shall abut securely agains	grommets, plugs, wrapping or other insulating material to as st all framing members	sure that no contact is made with the metal framing.
This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in the scope of the permit application and are demonstrating compliance using the permit application and are demonstrating compliance using the permit application and are demonstrating compliance using the permit applicati		Gas Service	06		or walls shall not be required to have pipe insulation if all of t	he requirements are met for compliance with Quality
170.2(d) and 141.0(a)/180.1, or 141.0(b)2N / 180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combine hydronic water heating systems are documented on the NRCC-MCH compliance document.	System WH Exception to 140.5(c)/	Water Heating Capacity-weighted			ied in the Reference Residential Appendix RA3.5. of 1 inch of wall insulation, 2 inches of crawlspace insulatior	n. or 4 inches of attic insulation. shall not be required to
01 02 03	Name 170.2(d)3	System >= Average Efficiency 9 1MMBtu/h <sup>1</sup>	%	have pipe insulation.		, , , , , , , , , , , , , , , , , , , ,
My project consists of (check all that apply):         System Type <sup>1,2</sup> System Components		11 12 13	14 15	Positiculating system piping, including	pipe insulation for the following applications is specified to ng supply and return piping of the water heater	comply with Table 120.3-A (see below) per 120.3:
New system (DHW system being installed for the first time in newly Individual System (serving nonresidential spaces) 🛛 Equipment 🖾 Distribution	ontrols Bated Input Max GE		Maximum Standby		piping, including between storage tank and heat trap, for a n	onrecirculating storage system
Constructed building)       Constructed building)       Constructed building         System Alteration (equipment, distribution or controls)       Constructed building	anticial definition and the second seco	r Rating Efficiency Efficiency Efficiency Unit	Designed Standby Loss Loss	Pipes that are externally heated		
<sup>1</sup> FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.	Commercial Gas (Btu/h) (Fi	FHR) Required			, including that due to sunlight, moisture, equipment mainte or service per 120.3(b) / 160.4(f). Pipe insulation buried belo	
<sup>2</sup> Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.	WH Instantaneous Water 0 199,900 FHR	R >=75 0.96 0.81 UEF		non-crushable casing or sleeve.		Sin Brade must be instance in a water proof and
<sup>3</sup> DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies	Heater				E 120.3-A / 160.4-A PIPE INSULATION THICKNESS	
C. COMPLIANCE RESULTS	<sup>1</sup> FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas wa average.	vater neaters with input capacity > 100,000 Btu/h may meet 90%	b Et requirements via an input capacity-weighted	Conductivity		al Pipe Diameter (in)
Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES	ith Water Heating Equipment All Occupancies			Fluid Temperature Range ( °F) Range (Btu-in Insulation Mean per hour per ft <sup>2</sup> °F	n Rating Temp ( < 1 1 to < 1.5	1.5 to < 41.5 to < 4 Multifamily & Hotel/Motel
Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance.	Yes No Not	Requirement		per rour per rt	, Minimu	m Insulation Required
01     02     03     04       Domestic Hot Water Equipment     Distribution Systems     Controls	Applicable	ed storage tank insulation shall have Internal + External >=R-16 C		105-140 0.22 - 0.28 10		1.5 in or R-11 2.0 in or R-16
Domestic Hot Water Equipment         Distribution Systems         Controls           Table F         Table G         Table H		tate buildings 60% of energy for service water heating from site				
Yes         Yes         Yes         Yes         COMPLIES		on valves for instantaneous water heater with input rating >6.8				
		l buildings < 25,000 ft <sup>2</sup> and < 4 stories must install a heat pump				
D. EXCEPTIONAL CONDITIONS	systems	ns serving an individual bathroom space may be an instantaneo	us electric water heater.			
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.						
Registration Number: Generated Date/Time: Documentation Software: E	ergyPro Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro	Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-11060-05	3-0179 CA Building Energy Efficiency Standards - 2022 Nonresidential Complian	ance Report Version: 2022.0.000	Compliance ID: EnergyPro-11060-0523-0179	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Compliance ID: EnergyPro-11060-0523-0179
Schema Version: rev 20220101 Report Generated: 2023-05-24		Schema Version: rev 20220101	Report Generated: 2023-05-24 10:27:49		Schema Version: rev 20220101	Report Generated: 2023-05-24 10:27:49
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CERTIFICATE OF COMPLIANCE     Ni       Project Name:     For Love Noodle       Report Page:     (Page)	C-PLB-E CERTIFICATE OF COMPLIANCE	For Love Noodle <b>Report Page:</b> 1420 E Plaza Blvd Ste D-5 <b>Date Prepared:</b>	NRCC-PLB-E	Domestic Water Heating System	For Love Noodle Report Page: 1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-
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CERTIFICATE OF COMPLIANCE         Project Name:       For Love Noodle       Report Page:       (Project Address:       (Project Address:       1420 E Plaza Blvd Ste D-5       Date Prepared:       (Project Address:       (Project Addres:       (Project Address:       (Pr	CC-PLB-E       CERTIFICATE OF COMPLIANCE         e 4 of 6)       Project Name:         24/2023       Project Address:         J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN         There are no forms required for this project.         K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA         ttic         nia	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6)	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         531 Encinitas Blvd Ste 104         City/State/Zip:         Encinitas CA 92024         RESPONSIBLE PERSON'S DECLARATION STATEMENT         I certify the following under penalty of perjury, under the laws of the State of Caliform         1.       The information provided on this Certificate of Compliance is true and	1420 E Plaza Blvd Ste D-5 Date Prepared: accurate and complete. Documentation Author Signature: Signature Date: 2023-05-24 CEA/ HERS Certification Identification (if app Phone: nia: prrect.	NRCC-PLB- (Page 6 of 6 5/24/2023
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CERTIFICATE OF COMPLIANCE         Project Name:       For Love Noodle       Report Page:       (Page: Page:	CC-PLB-E       CERTIFICATE OF COMPLIANCE         e 4 of 6)       Project Name:         24/2023       Project Address:         J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN         There are no forms required for this project.         K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION         Itic         nia         b)3 for	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6)	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         S31 Encinitas Blvd Ste 104         City/State/Zip:         Encinitas CA 92024         RESPONSIBLE PERSON'S DECLARATION STATEMENT         I certify the following under penalty of perjury, under the laws of the State of Californ         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions Code to acc         3. The energy features and performance specifications, materials, compone of Title 24, Part 1 and Part 6 of the California Code of Regulations.	1420 E Plaza Blvd Ste D-5       Date Prepared:         Saccurate and complete.       Documentation Author Signature:         Signature Date:       2023-05-24         CEA/ HERS Certification Identification (if app         Phone:         nia:         orrect.         cept responsibility for the building design or system design identified on thi         ents, and manufactured devices for the building design or system design identified or system design identified or the	NRCC-PLB- (Page 6 of 6 5/24/2023 Mage Dicable): s Certificate of Compliance (responsible designer) entified on this Certificate of Compliance conform to the requirements
CERTIFICATE OF COMPLIANCE         Project Name:       For Love Noodle       Report Page:       (Price Project Address:         1420 E Plaza Blvd Ste D-5       Date Prepared:       5         H. DOMESTIC HOT WATER CONTROLS       This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).         Yes       No       Not Applicable       Requirement         01       Construction documents require manufacturer certification that service water-heating systems are equipped with auton temperature controls capable of adjusting temperature settings per 110.3(a).         02       Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)2 unless systems serves healthcare facility.         04       Controls for circulation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1 additions.         05       Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows:	CC-PLB-E e 4 of 6) 24/2023 Project Name: Project Address: J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN There are no forms required for this project. K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA There are no forms required for this project. K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA There are no forms required for this project.	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6)	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         531 Encinitas Blvd Ste 104         City/State/Zip:         Encinitas CA 92024         RESPONSIBLE PERSON'S DECLARATION STATEMENT         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions Code to acd         3. The energy features and performance specifications, materials, compone         3. The energy features and performance specifications, materials, compone         3. The energy features and performance specifications, materials, compone         3. The building design features or system design features identified on this         plans and specifications submitted to the enforcement agency for approximate and specifications submitted to the enforcement agency for approximate and specifications submitted to the enforcement agency for approximate and specifications submitted to the enforcement agency for approximate and specifications submitted to the enforcement agency for approximate and specifications submitted to the enforcement agency for approximate and specifications	1420 E Plaza Blvd Ste D-5       Date Prepared:         Saccurate and complete.         Documentation Author Signature:       Signature Date:         2023-05-24       CEA/ HERS Certification Identification (if app         Phone:       Phone:         nia:       Phone:         cept responsibility for the building design or system design identified on thi         ents, and manufactured devices for the building design or system design identified on thi         certificate of Compliance are consistent with the information provided on or         val with this building permit application.	NRCC-PLB- (Page 6 of 6 5/24/202:
CERTIFICATE OF COMPLIANCE         Project Name:       For Love Noodle       Report Page:       (Page: Project Address:         Million Colspan="2">Interview of the page interview of the page inter	CC-PLB-E e 4 of 6) 24/2023 Project Name: Project Address: J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN There are no forms required for this project. K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA There are no forms required for this project. K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA There are no forms required for this project.	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6)	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         531 Encinitas Blvd Ste 104         City/State/Zip:         Encinitas CA 92024         RESPONSIBLE PERSON'S DECLARATION STATEMENT         I certify the following under penalty of perjury, under the laws of the State of Californ         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions Code to acd         3. The energy features and performance specifications, materials, compone of Title 24, Part 1 and Part 6 of the California Code of Regulations.         4. The building design features or system design features identified on this plans and specifications submitted to the enforcement agency for approv         5. I will ensure that a completed signed copy of this Certificate of Complian	1420 E Plaza Blvd Ste D-5       Date Prepared:         Saccurate and complete.         Documentation Author Signature:       Signature Date:         2023-05-24       CEA/ HERS Certification Identification (if app         Phone:       Phone:         nia:       Phone:         cept responsibility for the building design or system design identified on thi         ents, and manufactured devices for the building design or system design identified on thi         certificate of Compliance are consistent with the information provided on oval with this building permit application.         ice shall be made available with the building permit(s) issued for the building to be included with the documentation the building	NRCC-PLB- (Page 6 of 6 5/24/202:
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CERTIFICATE OF COMPLIANCE       For Love Noodle Report Page:       (Project Name:       (Project Name:       (Project Address:       1420 E Plaza Blvd Ste D-5 Date Prepared:       (Project Address:       (Project Address: <td< td=""><td>CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN   There are no forms required for this project.   K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION of REQUIRED CERTIFICATES OF VERIFICATION of the are no forms required for this project.   Itic   (c) a for e   ic   ic   of the   (c) the are no forms required for this project. (c) the are no forms required for this project. 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CERTIFICATE OF COMPLIANCE       For Love Noodle       Report Page:       (Project Name:       For Love Noodle       Report Page:       (Project Name:	CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTAN   There are no forms required for this project.     K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICA   There are no forms required for this project.   It ic   ic   of the   Ishall on air	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6)	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         S31 Encinitas Blvd Ste 104         Citty/State/Zip:         Encinitas CA 92024 <b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b> I certify the following under penalty of perjury, under the laws of the State of Californ         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions Code to acd         3. The energy features and performance specifications, materials, compone of Title 24, Part 1 and Part 6 of the California Code of Regulations.         4. The building design features or system design features identified on this plans and specifications submitted to the enforcement agency for approv         5. I will ensure that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of t	1420 E Plaza Blvd Ste D-5       Date Prepared:         Saccurate and complete.         Documentation Author Signature:       Signature Date:         2023-05-24       CEA/ HERS Certification Identification (if apper Phone:         nia:       Phone:         orrect.       Certificate of Compliance are consistent with the information provided on oval with this building permit application.         cce shall be made available with the building permit(s) issued for the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is	NRCC-PLB- (Page 6 of 6 5/24/202:
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Requirement         01       Image: Systems with capacity > 167,000 BTUH equipped with outlet service water-heating systems are equipped with auton temperature controls capable of adjusting temperature estings per 110.3(c)1 unless covered by Calif.         02       Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by Calif.         03       Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by Calif.         04       Image: Systems serving individual dwelling units, design includes automatic pump controls per 170.2(d) or 180.1 additions.         05       Image: Systems serving individual dwelling units, design includes automatic pump controls as specified in Referer Appendix RA.4.9 per 170.2(d).         06       Image: Systems where one stack serves two or more bollers with a total combined input capacity per stack of 2.5 MMBLU/, in which the boller is designed to operate with a nonpositive vent sto pressure       Bollers with input capacity p= 2.5 MMBLU/	CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. 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Construction documents require manufacturer certification that service water-heating systems are equipped with auton temperature controls capable of adjusting temperature settings per 110.3(a).         02       Imperative controls of or circulating pumps or electrical heat trace systems are capable of automatically turning off the system per S110.3(c)2 unless systems serves healthcare facility.         04       Imperative RAA.4.9 per 170.2(d).         05       Imperative RAA.4.9 per 170.2(d).         06       Imperative RAA.4.9 per 170.2(d).         07       Imperative RAA.4.9 per 170.2(d).         08       Imperative sets (stack gas) oxygen concentration. Set of the total design watage at 50% design includes manual on/off controls as specified in Referer Appendix RAA.4.9 per 170.2(d).         08       Imperative sets where one stack serves two or more boilers with a total combined input capacity per sta	CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. 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Requirement         01       Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by Calif.         02       Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by Calif.         03       Image: Construction documents require manufacturer certification that service water-heating systems are equipped with auton temperature controls cortrols cortrols copable of adjusting temperature controls per 110.3(c)1 unless covered by Calif.         03       Image: Construction documents require manufacturer certification that service water-heating systems are equipped with outlet temperature controls per 110.3(c)1 unless covered by Calif.         04       Image: Construction documents require manufacturer certification that service water is a fallow.         05       Image: Construction documents require manufacturer certification that service water is a fallow.         06       Image: Construction documents require manufacturer certification tha	CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. 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Systems with capacity > 167.000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by Califf Plumbing Cade 613.0.         03       Image: Construction documents require manufacturer certification that service water-heating systems are equipped with auton temperature settings per 110.3(c)1 unless covered by Califf Plumbing Cade 613.0.         04       Image: Construction documents requires manufacturer certification that service water-heating systems per 5110.3(c) unless ystems revers healthcare facility.         05       Image: Construction systems serving multiple dwelling units, design includes manual on/off controls as specified in Referer Appendix RA4.4.9 per 170.2(d).         06       Image: Construction systems serving individual dwelling units, design includes manual on/off controls as specified in Referer Appendix RA4.4.9 per 170.2(d).         07       Image: Construction systems serving individual dwelling u	CCPLB-E   e 4 of 6)   24/2023   Project Name:   Project Address:     J. 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In Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3 (c) unless covered by Califa Plumbing Code 613.0.         03       Controls for circulating pumps or electrical heat trace systems are capable of adjusting temperature settings and the set of the system per \$110.3 (c) unless covered by Califa Plumbing Code 613.0.         04       Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3 (c) unless systems serving individual dwelling units, design includes manual on/off controls as specified in Referer Appendix RA4.4.9 per 170.2 (d).         04       Construction in pastive shut-off shall be provided per 160.4 (3).on all newly installed commercial boliers as follows:         05       Construction are pastive shut-off shall be provided per 160.4 (3).on all newly installed commercial boliers as follow	CEPLB-E       CERTIFICATE OF COMPLIANCE         e 4 of 6)       Project Name:         Project Name:       Project Address:         J. 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S31 Encinitas Blvd Ste 104         City/State/Zip:         Flores Mechanical Engineering         Address:         S31 Encinitas Blvd Ste 104 <tr< td=""><td>1420 E Plaza Blvd Ste D-S       Date Prepared:         5       Documentation Author Signature:         Signature Date:       2023-05-24         CEA/ HERS Certification Identification (if appendiction)         nia:       Phone:         nia:       Occumentation design or system design identified on thients, and manufactured devices for the building design or system design identified on thients, and manufactured devices for the building permit(s) issued for the building e for the building permit application.         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For recirculation systems serving individual dwelling units, design includes anomatically turning off the system per state.           04         Silos Systems with part 20.2 (d) per 120.2 (d) or 180.1 additions.         For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Referer Appe	CCPLB-E       CERTIFICATE OF COMPLIANCE         Project Name:       Project Name:         Project Address:       International State Sta	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E         (Page 5 of 6)         5/24/2023	Domestic Water Heating System         CERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         S31 Encinitas Blvd Ste 104         Citty/State/Zip:         Encinitas CA 92024 <b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b> I certify the following under penalty of perjury, under the laws of the State of Californ         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions Code to acd         3. The energy features and performance specifications, materials, compone of Title 24, Part 1 and Part 6 of the California Code of Regulations.         4. The building design features or system design features identified on this plans and specifications submitted to the enforcement agency for approvations. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian inspections. I understand that a completed signed copy of this Certificate of Complian ins	1420 E Plaza Blvd Ste D-5       Date Prepared:         Saccurate and complete.         Documentation Author Signature:       Signature Date:         2023-05-24       CEA/ HERS Certification Identification (if apper Phone:         nia:       Phone:         orrect.       Certificate of Compliance are consistent with the information provided on oval with this building permit application.         cce shall be made available with the building permit(s) issued for the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is required to be included with the documentation the building of Compliance is	NRCC-PLB- (Page 6 of 6 5/24/202: //////////////////////////////////
CERTIFICATE OF COMPLIANCE       Project Address:       Por Love Noodle Report Page:       (P)         Project Address:       1420 E Plaza Blvd Ste D-3       Date Prepared:       (P)         H. DOMESTIC HOT WATER CONTROLS       This table is used to demonstrate compliance with control requirements in 110.3 for all accupancies. For multifamily residential and hatel/motel accupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).       Not       Requirement         01       Ø       Construction documents require manufacturer certification that service water-heating systems are equipped with auton temperature controls capable of adjusting temperature settings per 110.3(a).       In Sectors with agaacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c) unless covered by Califor Plumbing Code 613.0.         03       Image: Controls for circulating pumps or electrical heat trace systems are capable of adjusting temperature settings per 110.3(c) unless covered by Califor Plumbing Code 613.0.         04       Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c) unless systems serving individual dwelling units, design includes manual on/off controls as specified in Referer Appendix RA4.4.9 per 170.2(d).         06       Image: Controls for circulation systems serving individual dwelling units, design includes manual on/off controls as specified in Referer Appendix RA4.4.9 per 170.2(d).         07       Image: Controls for all public dwelling trace systems with a total combined input capacity eer stack serves to or more bollers with a tonopo	CCPLB-E       CERTIFICATE OF COMPLIANCE         Project Name:       Project Name:         Project Address:       Interface         Image: I	1420 E Plaza Blvd Ste D-5 Date Prepared:	NRCC-PLB-E (Page 5 of 6) 5/24/2023	Domestic Water Heating System         ERTIFICATE OF COMPLIANCE         Project Name:         Project Address:         DOCUMENTATION AUTHOR'S DECLARATION STATEMENT         I certify that this Certificate of Compliance documentation is         Documentation Author Name:         Esteban Flores         Company:         Flores Mechanical Engineering, Inc.         Address:         S31 Encinitas Blvd Ste 104         City/State/Zip:         Encinitas CA 92024 <b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b> I certify the following under penalty of perjury, under the laws of the State of Californ         1. The information provided on this Certificate of Compliance is true and co         2. I am eligible under Division 3 of the Business and Professions. Code to ac         3. The energy features and performance specifications, materials, compone of Title 24, Part 1 and Part 6 of the California Code of Regulations.         4. The building design features or system design features identified on this palans and specifications submitted to the enforcement agency for approv         5. I will ensure that a completed signed copy of this Certificate of Compliance is true and co         5. Sastections. Blvd Ste 104         City/State/Zip:         Flores Mechanical Engineering         Address:         S31 Encinitas Blvd Ste 104	1420 E Plaza Blvd Ste D-5       Date Prepared:         accurate and complete.	NRCC-PLB- (Page 6 of 6 5/24/202: //////////////////////////////////





990 Highland Drive Suite 110A Solana Beach, CA 92075 p: 858.436.7967



# FOR LOVE NOODLE RESTAURANT 1420 E PLAZA BLVD STE D-5 NATIONAL CITY, CA 91950 FOR

TENANT APPROVAL: SCALE: PROJECT NO: DRAWN: Δ TITLE 24 CALCULATIONS THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED. SHEET NO:  $\circ$ 

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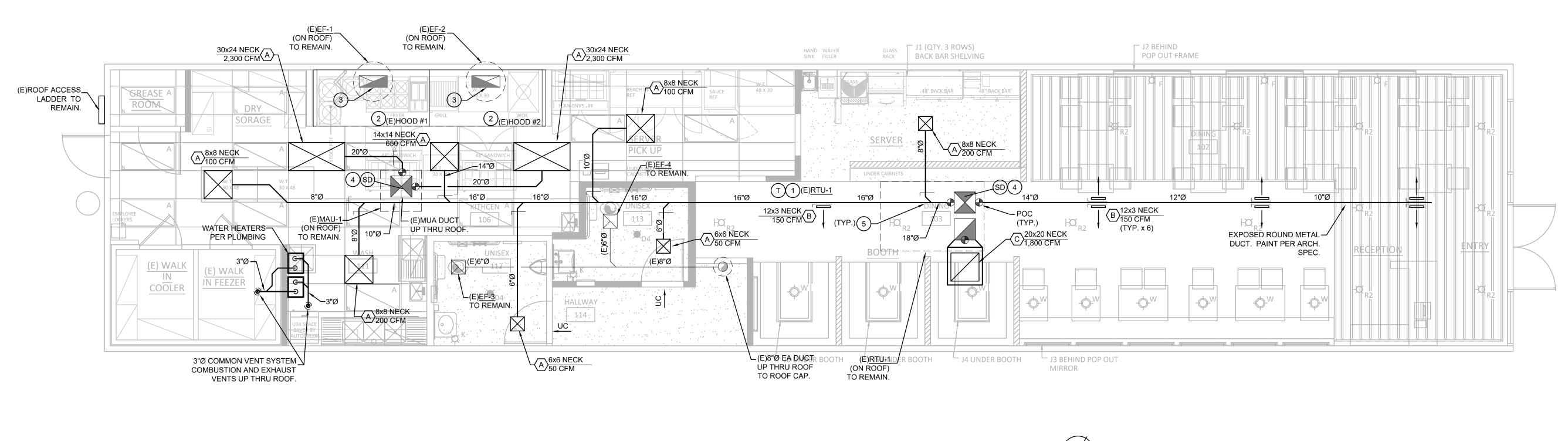
HEALTH SUBMITTAL:

FL-0423

04 / 24 / 23

JC

CITY SUBMITTAL:



# MECHANICAL FLOOR PLAN SCALE: 1/4" = 1'-0"

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NORTH

	KITCHEN AIR BALANCE SCHEDULE									
ROOM	EQUIPMENT	OSA	RA	SA	EA	PRESSURE				
	(E)MAU-1	4,600	-	-	-	+4,600				
KITCHEN										
	(E)RTU-1	-	-	1,050	-	+1,050				
	(E)EF-1	_	-	-	2,500	-2,500				
	(E)EF-2	-	-	-	2,500	-2,500				
RESULT						+650				

\*ELECTRONICALLY INTERLOCK (E)EF-1 & (E)EF-2 WITH (E)MAU-1, & (E)RTU-1.

# GENERAL NOTES

- 1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES/CONTRACTORS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ANY DISCREPANCIES.
- 2. EXHAUST AND PLUMBING VENTS SHALL BE LOCATED MINIMUM 10'-0" AWAY FROM ALL OUTSIDE INTAKES AND BUILDING OPENING/INTAKES, 10'-0" ABOVE GRADE, AND 3'-0" AWAY FROM ALL PROPERTY LINES.
- 3. COORDINATE FINAL THERMOSTAT MOUNTING LOCATION WITH TENANT AND ARCHITECT.
- 4. CONTRACTOR SHALL VERIFY EXTENT OF DEMOLITION WORK BEFORE START OF WORK.
- 5. OUTSIDE AIR INTAKES SHALL BE LOCATED MINIMUM 10'-0" AWAY FROM EXHAUST/PLUMBING/GAS FLUE VENTS.
- 6. CONTRACTOR SHALL COORDINATE ALL DUCTWORK INSTALLATION AND FINAL AIR DEVICE LOCATION WITH OWNER'S REP. & ARCHITECT BEFORE START OF CONSTRUCTION.

# PLAN NOTES

- 1 PROVIDE TITLE 24 COMPLIANT PROGRAMMABLE THERMOSTAT, INSTALLED AT 48" A.F.F. COORDINATE FINAL MOUNTING LOCATION WITH BUSINESS OWNER AND ARCHITECT.
- 2 EXISTING TYPE I KITCHEN HOOD TO REMAIN. CLEAN TO ORIGINAL CONDITION.
- 3 EXISTING 24x10 FIRE WRAPPED 16 GA. WELDED CARBON STEEL GREASE DUCT TO REMAIN. VERIFY EXHAUST DUCT SIZE BEFORE START OF CONSTRUCTION. MAINTAIN GREASE DUCT EXHAUST VELOCITY BETWEEN 500-2,500 FPM PER CMC. REPLACE AS REQUIRED.
- 4 SUPPLY DUCT MOUNTED SMOKE DETECTOR LOCATED IN DUCT MAIN PRIOR TO ANY BRANCH TAKEOFF. COORDINATE WITH ELECTRICAL CONTRACTOR.
- 5 FOR BRANCH TAKE OFF, REFER TO DETAIL 3 ON SHEET M0.2.





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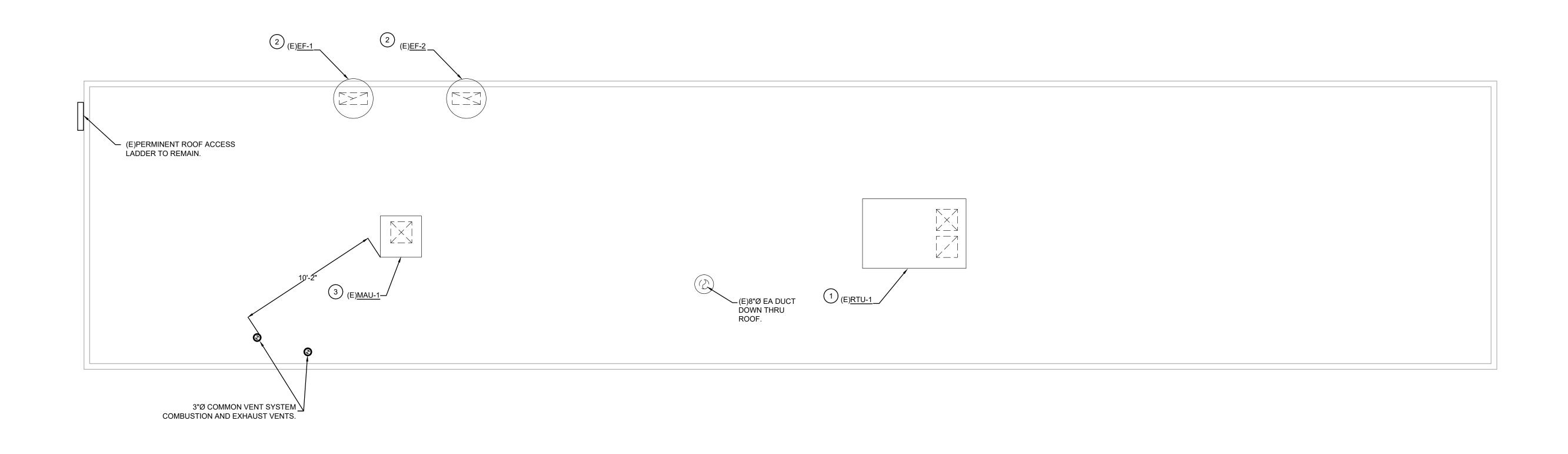
FL-0423 JC 04 / 24 / 23



DATE:

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.





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NORTH

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

# MECHANICAL ROOF PLAN

# GENERAL NOTES

- 1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES/CONTRACTORS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ANY DISCREPANCIES.
- 2. EXHAUST AND PLUMBING VENTS SHALL BE LOCATED MINIMUM 10'-0" AWAY FROM ALL OUTSIDE INTAKES AND BUILDING OPENING/INTAKES, 10'-0" ABOVE GRADE, AND 3'-0" AWAY FROM ALL PROPERTY LINES.
- 3. TERMINATIONS OF TYPE I HOOD EXHAUST SYSTEMS SHALL BE LOCATED MINIMUM 5'-0" AWAY FROM A COMBUSTIBLE STRUCTURE.

# PLAN NOTES

- 1 EXISTING VERTICAL DISCHARGE ROOFTOP PACKAGED UNIT, LINED SA/RA PLENUMS, AIR DISTRIBUTION, AND AIR DEVICES TO REMAIN. CLEAN TO LIKE-NEW CONDITIONS. 2 EXISTING GREASE EXHAUST FAN TO REMAIN. CLEAN TO LIKE-NEW CONDITIONS.
- 3 EXISTING MAKE-UP AIR UNIT TO REMAIN. CLEAN TO LIKE-NEW CONDITIONS.



990 Highland Drive

Suite 110A Solana Beach, CA 92075 p: 858.436.7967



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MECHANICAL ROOF PLAN

JC

THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.



**FLORES** MECHANICAL ENGINEERING Encinitas CA 92024

 $\Box$ 

FIXTURE DATA (T.I. SUITE ONLY)												FIX	TUR	E SC	HED	ULE
DESCRIPTION	NO. OF FIXT	WFU 'S	B DFL	J'S	CW	HW	SEWER		ITEM	WASTE	TRAP	VENT	CW	HW	MOUNT	DESCRIPTI
WATER CLOSET (FLUSH TANK)	2	2.5	4.	0	5.0	0	8.0									WATER CLOSET: VITREOUS C
URINAL	1	4.0	2.	0	4.0	0	2.0		WC-1	4"	INTERNAL	2"	3/4"		FLOOR	WITH 1.1 GPF WITH MANUAL A ELONGATED BOWL (CPC 411.2
LAVATORY	2	1.0	1.	0	2.0	1.5	2.0									FRONT SEAT (OR APPROVED ARCH PLANS.
HAND SINK	3	2.0	2.	0	6.0	4.5	6.0									LAVATORY: VITREOUS CHINA.
POT FILLERS	2	1.5	0.	0	3.0	0	0		LV-1	2"	2"	2"	3/4"	3/4"	COUNTER	ACTIVATED SELF METERING F
WATER FILLER	1	0.5	0.	0	0.5	0	0									MIXING VALVE ADA
KITCHEN SINK	2	1.5	2.	0	3.0	2.3	4.0									URINAL: VITREOUS CHINA WI
GLASS/ DISH WASHER	2	1.5	2.	0	3.0	2.3	4.0		UR-1	2"	2"	2"	1"		WALL	SENSOR ACTIVATED FLUSH V SUPPORT HARDWARE - ADA
FLOOR SINK	5	0.0	2.	0	0	0	10.0									
FLOOR DRAIN	5	0.0	2.	0	0	0	10.0		HS-1	2"	2"	2"	3/4"	3/4"	WALL	HAND SINK: SINGLE COMPAR STEEL ; -1.8 GPM MAX.
MOP SINK	1	3.0	3.	0	3.0	2.3	3.0									
	. WFU'S, DFU'S				29.5	12.8	49.0		SK-1	INDIRECT			3/4"	3/4"	COUNTER	PREP SINK: SINGLE COMPAR STEEL ; -1.8 GPM MAX.
MAIN DOMESTIC SUPPLY SIZING BASE	ON LATEST EDIT	ION CPC 2	022		29.5 WAT	ER FIXT. UNITS	FT TYPE									3-COMP SINK: 3 COMPARTME
								J	SK-2				3/4"	3/4"	COUNTER	-1.8 GPM MAX.
				G	PM FROM FT	FIXTURE UNITS	S: <u>20</u>									
AIN DOMESTIC WATER SUPPLY SIZING:		л Г						٦	MS-1	3"	2"	2"	3/4"	3/4"	FLOOR	MOP SINK: 24"x24" - FAUCET WITH VACUUM BREAKER AND
ASE ON LATEST EDITION CPC 2022 TABLE A	A-2, CHART A-4															FLOOR DRAIN: "ZURN" Z-415 F
		-	EXCEED	OFEEIF	ER SECO	ND COPPEF	KIIPE L									BODY WITH CPS 100 BOTTOM
RESSURE @ STREET	77 PSI		PIPE DIA	GPM	FT FIXT		MAX.	1	FD-1	2"	2"	2"			FLOOR	PRO PLUS 100, COMBINATION MEMBRANE CLAMP AND ADJU
JTHORITY PHONE CALL 05/22/23			1/2"	3		UNIT 0	VELOCITY 8.0	-								TYPE "B" POLISHED NICKEL B TRAP PRIMER CONNECTION (
			72 3⁄4"	10	14	2	8.0	-								
FRICTION LOSSES		1 -	74 1"	10	28	4.5	8.0	-								FLOOR SINK: "ZURN" 1901-2 H RECEPTOR 12"x12"x8" DEEP (
			1 ¼"	28	47	11	8.0	-	FS-1	2"	2"	2"			FLOOR	SQUARE SLOTTED MEDIUM D ACID RESISTANT PORCELAIN
1" WATER METER			1 1/2"	43	95	33	8.0	-								AND TOP. COMPLETE WITH A
)BFP DEVICE	13 PSI		2"	72	235	117	8.0	-								INTERIOR BOTTOM STRAINER
								-								

HOT WATER PIPING SIZING VELOCITY NOT TO

EXCEED 5 FEET PER SECOND COPPER TYPE "L"

F.T. FIXT

UNIT

4

9

15

26

45

F.V. FIXT

UNIT

0

1.5

2.25

4

10

MAX.

VELOCITY

5.0

5.0

5.0

5.0

5.0

MAIN DOMESTIC WATER SUPPLY SIZING: BASE ON LATEST EDITION CPC 2022 TABLE A-2, CHART A-4
PRESSURE @ STREET
FRICTION LOSSES
(E)1" WATER METER 3 PSI
(E)BFP DEVICE 13 PSI
TOTAL LOSSES
PRESSURE ENTERING BUILDING @
STATIC HEIGHT
RESIDUAL PRESSURE 20 PSI 3
LENGTH OF DOMESTIC WATER SYSTEM FROM WATER METER TO THE FURTHEST RUN
PSI AVAILABLE FOR DROP FORMULA $\begin{pmatrix} 1 \\ 61 \\ 61 \end{pmatrix} = \begin{bmatrix} 20 \\ 20 \end{bmatrix} + \begin{pmatrix} 2 \\ 15 \end{bmatrix} \times \begin{pmatrix} 5 \\ 0.43 \end{pmatrix} = 34.6$
ALLOWABLE $5  4$ DROP FORMULA: 100 x 34.6 + 285 = 12.1 PSI/100'
CONTRACTOR TO VERIFY WATER PRESSURE PROVIDE PRESS

REGULATOR IN THE EVENT WATER PRESSURE ENTERING THE BUILDING IS OVER 80 PSI.

# PIPE MATERIAL SCHEDULE

SOIL, WASTE, VENT PIPE ABOVE GRADE - PVC OR ABS SCHEDULE 40 PIPE AND FITTINGS SOLID CORE BELOW GRADE - PVC OR ABS SCHEDULE 40 PIPE AND FITTINGS SOLID CORE WATER PIPING ABOVE GRADE - INDOORS COPPER TYPE "L" HARD DRAWN WITH LEAD FREE SOLDER. WATER PIPING BELOW GRADE COPPER TYPE "K" HARD DRAWN WITH LEAD FREE SOLDER. CONDENSATE DRAIN ABOVE GRADE

COPPER TYPE "M" HARD DRAWN WITH 95-5 TIN ANTIMONY SOLDER. NATURAL GAS ABOVE GRADE

SCHEDULE 40 BLACK STEEL. OUTDOORS SHALL BE GALVANIZED.

PLUMBING EQUIPMENT SCHEDULE						
SYMBOLS	LOCATION	DESCRIPTION				
WH WH 1 2	SEE FLOOR PLAN	TANKLESS WATER HEATER: "NAVIEN" MODEL NPE-240S2. NATURAL G TANKLESS TYPE WITH 96% EFFICIENCY. 6.5 GPM AT 60° RISE. PROVI AIR/EXHAUST VENTS, CONDENSATE NEUTRALIZATION KIT. REFER TO				
ET 1	SEE FLOOR PLAN	EXPANSION TANK: "FLEXCON" MODEL PH-5 16 GAUGE - 11.6" HEIGHT, CONNECTION, 5 LBS TOTAL WEIGHT				
CP 1	SEE FLOOR PLAN	CIRCULATING PUMP: "GRUNDFOS" MODEL UPS 15-55 SFC LEAD FREE HOUSING W/ COMPOSITE IMPELLER. RATED FOR POTABLE USE, 2.0 G 115 V/1PH/60HZ 50 WATTS.				
<u>(E)GI</u>	SEE FLOOR PLAN	EXISTING GREASE INTERCEPTOR: "ZURN" MODEL Z1165. RATED FOR GREASE AND 150 GALLON LIQUID CAPACITIES. VERIFY EXACT SIZE, C WITH LOCAL INDUSTRIAL WASTE/SEWER DEPARTMENT BEFORE STAP				

# HYDRO-MECHANICAL GRE SIZING CALCULATI

PIPE DIA

1/3"

3⁄4"

1"

1 1⁄4"

1 1⁄2"

GPM

3

7

11

18

27

SC	HEDI	JLE		GENE
W	MOUNT	DESCRIPTION	1.	PROVIDE NON-REMOVAB
	FLOOR	WATER CLOSET: VITREOUS CHINA FLUSH TANK WITH 1.1 GPF WITH MANUAL ACTIVATOR, ELONGATED BOWL (CPC 411.2.1) AND WHITE OPEN FRONT SEAT (OR APPROVED EQUAL) - ADA PER		EACH WATER HEATER PF DRAIN THAT TERMINATE COMPLY WITH CPC 2022.
3/4"	COUNTER	ARCH PLANS. <u>LAVATORY:</u> VITREOUS CHINA. PROVIDE W/ SENSOR ACTIVATED SELF METERING FAUCETS SET AT 0.2 GALLONS PER CYCLE PROVIDE W/ THERMOSTATIC		PROVIDE EXPANSION TA RELIEVING PRESSURE PI ALL CONSTRUCTION SHA BUILDING CODE, PLUMBI
	WALL	MIXING VALVE ADA URINAL: VITREOUS CHINA WITH 0.125 GPF MAX.WITH SENSOR ACTIVATED FLUSH VALVE PROVIDE WITH SUPPORT HARDWARE - ADA	5.	ENERGY CODES AND ALI ALL "OR EQUAL" SUBSTIT APPROVED BY THE BUILT
3/4"	WALL	HAND SINK: SINGLE COMPARTMENT STAINLESS STEEL ; -1.8 GPM MAX.	6.	THE ITEM. ALL PLUMBING SYSTEM THE REQUIREMENTS OF
6/4"	COUNTER	PREP SINK: SINGLE COMPARTMENT STAINLESS STEEL ; -1.8 GPM MAX.	7.	AND ALL STATE CODE RE ALL HEATERS FOR DOME THE MANUFACTURER TO
3/4"	COUNTER	3-COMP SINK: 3 COMPARTMENT STAINLESS STEEL -1.8 GPM MAX.	8.	EFFICIENCIES AS ADOPT LABEL COLD WATER, HO
3/4"	FLOOR	MOP SINK: 24"x24" - FAUCET SHALL BE PROVIDED WITH VACUUM BREAKER AND PAIL/ BUCKET HOOK.	9.	EACH FIXTURE TRAP SHA THAT THE DEVELOPED L TO THE INNER EDGE OF
	FLOOR	FLOOR DRAIN: "ZURN" Z-415 FLOOR DRAIN. D.C.C.I. BODY WITH CPS 100 BOTTOM OUTLET STRAINER PRO PLUS 100, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH TYPE "B" POLISHED NICKEL BRONZE STRAINER WITH	10.	GIVEN IN TABLE 1002.2 C EACH PLUMBING FIXTUR SYSTEM SHALL BE PROP WITH THE 2022 CALIFORI
		TRAP PRIMER CONNECTION OR EQUAL <u>FLOOR SINK:</u> "ZURN" 1901-2 HALF GRATE RECEPTOR 12"x12"x8" DEEP CAST IRON BODY AND SQUARE SLOTTED MEDIUM DUTY GRATE WITH	. 11.	FLOOR DRAINS OR SIMIL DRAINAGE SYSTEM AND PROVIDED WITH AN APPI THEIR WATER SEALS.
	FLOOR	ACID RESISTANT PORCELAIN ENAMEL INTERIOR AND TOP. COMPLETE WITH ABS ANTI-SPLASH INTERIOR BOTTOM STRAINER	12.	BUILDING DRAIN AND VE SECTIONS 701.0 AND 903
			13.	INSTALLATION OF SOIL C ESTABLISHMENTS WILL (
ΡN		SCHEDULE	14.	EACH VENT SHALL RISE INCHES ABOVE THE FLOO OFFSETTING HORIZONTA
	DES	SCRIPTION	15	OTHER VENT.
196%	EFFICIENCY.	ODEL NPE-240S2. NATURAL GAS FIRED 199,900 BTU/H, 6.5 GPM AT 60° RISE. PROVIDE COMBUSTION JTRALIZATION KIT. REFER TO DETAIL 10 SHEET P0.2.		ROUTING AND TERMINAT WATER HEATER SHALL C
	N" MODEL PI WEIGHT	H-5 16 GAUGE - 11.6" HEIGHT, 8" DIAMETER, $rac{3}{4}$ "	17.	MANUFACTURER'S SPEC EACH WATER HEATER SH HORIZONTAL DISPLACEM
		DEL UPS 15-55 SFC LEAD FREE STAINLESS STEEL TED FOR POTABLE USE, 2.0 GPM AT 10' HD -	18.	SECTION 507.2 CPC. CROSS CONNECTION PR WATER SUPPLIED APPLI
LON L	IQUID CAPAC	N" MODEL Z1165. RATED FOR 50 GPM, 100 LBS CITIES. VERIFY EXACT SIZE, CAPACITY AND LOCATION & DEPARTMENT BEFORE START OF CONSTRUCTION.	19.	URINALS SHALL BE MAXI
			20.	WATER CLOSETS SHALL
	HYDI	RO-MECHANICAL GREASE TRAP SIZING CALCULATION	21.	PLUMBING FIXTURES AN REQUIREMENTS IN SECT BUILDING CODE.
LENG	GTH (IN.) x WI	DTH (IN.)x DEPTH(IN.) / 231 GALLON/CU.IN. = GALLONS	22.	LAVATORIES FAUCETS S SELF-CLOSING LAVATOR
		LONS x (0.75 FILL FACTOR) / DRAIN PERIOD (1 MINUTE)	22	OF 0.20 GALLONS/CYCLE
18"x 1		<u>SINK</u> x 3 COMPARTMENTS = 50.5 GALLONS x 0.75 / 1 MIN. = 37.9 GPM		EACH KITCHEN FAUCET
	24"x 14" / 231 x	x 1 COMPARTMENTS = 26.2 GALLONS x 0.75 / 1 MIN. = 19.7 GPM		OPERATING AND MAINTE GUARANTIES/ WARRANT SHALL BE CONSISTENT V SECTION 5142 AND OTHE
-	20"x 6" / 231 X	1 COMPARTMENT = 10.4 GALLONS 0.75 /1 MIN. = 7.8 GPM	25.	CONTRACTOR SHALL VE COORDINATE WITH ALL C CONSTRUCTION. IN THE
		E = 37.9 + 19.7 + 7.8 = 65.4 GPM ALLONS = 50.5 + 26.2 + 10.4 = 87.1 GALLONS		ARCHITECT & TENANT'S FOOD SERVICE PLANS FOR REQUIREMENTS.
	TING 50 GPM TION <u>1014.2.1</u>	PROVIDED: UNIT CAPACITY COMPLIES WITH 2022 CPC	26.	CALIFORNIA MECHANICA CODE (CPC) 2022 AND 20 CODES/ STANDARDS THA
LOCA	L SEWER/ IN	NTERCEPTOR/ TRAP SIZING TO BE APPROVED BY DUSTRIAL WASTE DEPT. VERIFY EXACT SIZE WITH NCY BEFORE START OF CONSTRUCTION.	27.	CONTRACTOR SHALL PR

# NERAL NOTES

- IOVABLE VACUUM BREAKERS AT HOSE BIBBS. TER PRESSURE AND TEMPERATURE RELIEF INATES OUTSIDE OF THE BUILDING SHALL
- ON TANK OR OTHER APPROVED METHOD OF URE PER SECTION 608.3 CPC.
- ON SHALL COMPLY WITH THE 2022 CALIFORNIA UMBING, MECHANICAL, ELECTRICAL, AND 2022 ND ALL OTHER STATE CODES AND ORDINANCES. JBSTITUTIONS MUST BE SUBMITTED TO, AND E BUILDING OFFICIAL PRIOR TO INSTALLATION OF
- STEM COMPONENTS SHALL MEET OR EXCEED ITS OF C.B.C. CMC, CPC, CEC, NFPA, ASTM, ANSI, ODE REQUIREMENTS.
- R DOMESTIC HOT WATER MUST BE CERTIFIED BY RER TO MEET THE SPECIFICATIONS OR ADOPTED BY THE CALIFORNIA PLUMBING CODE
- R, HOT WATER AND CONDENSATE DRAIN PIPING. AP SHALL HAVE A PROTECTING VENT SO LOCATED DPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR GE OF THE VENT SHALL BE WITHIN THE DISTANCE 02.2 CPC.
- IXTURES THAT CONNECTS TO THE SANITARY SEWER PROPERLY TRAPPED AND VENTED IN ACCORDANCE LIFORNIA PLUMBING CODE.
- SIMILAR TRAPS DIRECTLY CONNECTED TO THE AND SUBJECT TO INFREQUENT USE SHALL BE APPROVED AUTOMATIC MEANS OF MAINTAINING
- ND VENT PIPING MATERIALS SHALL COMPLY WITH ND 903.0 OF THE CALIFORNIA PLUMBING CODE.
- SOIL OR DRAIN PIPES IN FOOD HANDLING WILL COMPLY WITH SECTION 317.0 CPC.
- RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) E FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE IZONTALLY OR BEFORE BEING CONNECTED TO ANY
- ESSURE GAS EVERY FIVE FEET.
- RMINATION OF FLUE AND COMBUSTION AIR INTAKE FOR HALL COMPLY WITH CHAPTER 5, CPC 2022 AND WITH SPECIFICATIONS. TER SHALL BE ANCHORED OR STRAPPED TO RESIST
- LACEMENT DUE TO EARTHQUAKE MOTION PER
- ON PROTECTION SHALL BE PROVIDED AT ALL POTABLE APPLIANCES AND EQUIPMENT (OTHER THAN THOSE ATION BULLETIN 103).
- MAXIMUM 0.125 GPF SHALL BE MAXIMUM 1.2 GPF.
- ES AND FITTINGS SHALL COMPLY WITH ALL THE SECTION 5.303 IN THE 2022 CALIFORNIA GREEN
- CETS SHALL BE A MAXIMUM OF 0.5 GPM. VATORY FAUCET SHALL NOT EXCEED A WATER FLOW CYCLE. UCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.
- DING OWNER OR REPRESENTATIVE WITH DETAILED AINTENANCE INSTRUCTIONS AND COPIES OF RRANTIES FOR EACH SYSTEM. O&M INSTRUCTIONS TENT WITH OSHA REQUIREMENTS IN CCR, TITLE 8, O OTHER RELATED REGULATIONS.
- ALL VERIFY ALL EXISTING CONDITIONS AND HALL OTHER TRADES PRIOR TO START OF THE EVENT OF DISCREPANCIES NOTIFY THE ANT'S REP. IN WRITING IMMEDIATELY. REFER TO ANS FOR ADDITIONAL PLUMBING SYSTEM
- IANICAL CODE (CMC) 2022, CALIFORNIA PLUMBING AND 2022 TITLE 24 ENERGY STANDARDS ARE THE DS THAT ARE APPLICABLE TO THIS PROJECT.
- ALL PROVIDE PLUMBING SYSTEM SURVEY BEFORE START OF ANY CONSTRUCTION INCLUDING BUT NOT LIMITED TO DEMOLITION. PROVIDE SEWER, WATER AND NATURAL GAS SURVEY THAT INCLUDES ORIGINALLY PREPARED DRAWING DEPICTING SYSTEMS PIPING LAYOUTS, PIPE SIZES, ELEVATIONS, VALVES, CLEANOUTS ETC. (INCLUDE GREASE WASTE). NOTE DISCREPANCIES FROM DESIGN DRAWINGS AND SUBMIT PLANS/ SURVEY REPORT TO THE ARCHITECT BEFORE START OF CONSTRUCTION.
- 28. ALL PLUMBING FIXTURES SHALL MEET THE FLOW REQUIREMENTS SPECIFIED IN THE LAPC CHAPTER 4. (LAPC 407.2; 408.2; 411.2; 412.1; 414.4; 414.5; 417.1; 420.2)
- 29. ALL FAUCETS IN PUBLIC RESTROOMS SHALL BE SELF-CLOSING OR SELF-CLOSING METERING FAUCETS. (LAPC 407.2.2)
- 30. WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEEDS 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER. (LAPC 604.2)

# AGENCY REVIEW DRAWINGS

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR CONTRACT BIDS MADE FROM THESE DRAWINGS (REFER TO SHEET INDEX AND PRINT DATE). THESE DRAWINGS HAVE BEEN ISSUED FOR AGENCY REVIEWS AND HAVE BEEN PRINTED PRIOR TO OBTAINING BUILDING PERMIT AND COORDINATED AND REFINED ENGINEERING AND ARE SUBJECT TO REVISION. FINAL CONTRACT DOCUMENTS SHALL BE ISSUED AT A LATER DATE.

AGENCIES INCLUDE CITY PLAN DEPARTMENTS.

	PLUMBING LEGEND							
SYMBOL	ABBREV.	DESCRIPTION						
	BV CD CL CV CW	BALL VALVE CONDENSATE DRAIN PIPING CAPPED LINE CHECK VALVE COLD WATER PIPING						
c+ +≎+-	DN FCO FD FLEX CONN FS G GC	DOWN OR DROP FLOOR CLEAN OUT FLOOR DRAIN FLEXIBLE CONNECTION FLOOR SINK GAS PIPING (7"WC SERVICE) GAS COCK						
	GCO GV HB HW HWR POC PRV RPBP	GRADE CLEAN OUT GATE VALVE HOSE BIBB DOMESTIC HOT WATER PIPING DOMESTIC HOT WATER RETURN PIP POINT OF CONNECTION PRESSURE REDUCING VALVE REDUCED PRESSURE PRINCIPAL BA						
	RV S OR W S OR W SCD TP U U	PREVENTER TEMPERATURE & PRESSURE RELIEF SOIL OR WASTE ABOVE SLAB SOIL OR WASTE BELOW SLAB SECONDARY CONDENSATE DRAIN P TRAP PRIMER UNION (DIELECTRIC) RISE OR RISER						
• • • • • • • • • • • • • •	V WCO WHA( ) A/C	SANITARY VENT PIPING WALL CLEAN-OUT WATER HAMMER ARRESTOR (P.D.I. SIZE) STRAINER ABOVE CEILING						
	ADA AFF AP B/F B/G BLDG BTUH (E) EA FT FT/SEC GPC GPF GPH GPH GPH HP IN INT LBS LS MAX MFR'S MIN PZD	AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR ACCESS PANEL BELOW FLOOR BELOW GRADE BUILDING BRITISH THERMAL UNITS PER HOUR EXISTING EACH FEET/FOOT FEET PER SECOND GALLONS PER CYCLE GALLONS PER FLUSH GALLONS PER HOUR GALLONS PER MINUTE HORSE POWER INCH INTEGRAL POUNDS LUMP SUM MAXIMUM MANUFACTURER'S MINIMUM PRESSURIZED						





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Space Planning & Interior Design



# RN PIPING

PAL BACKFLOW RELIEF VALVE

RAIN PIPING

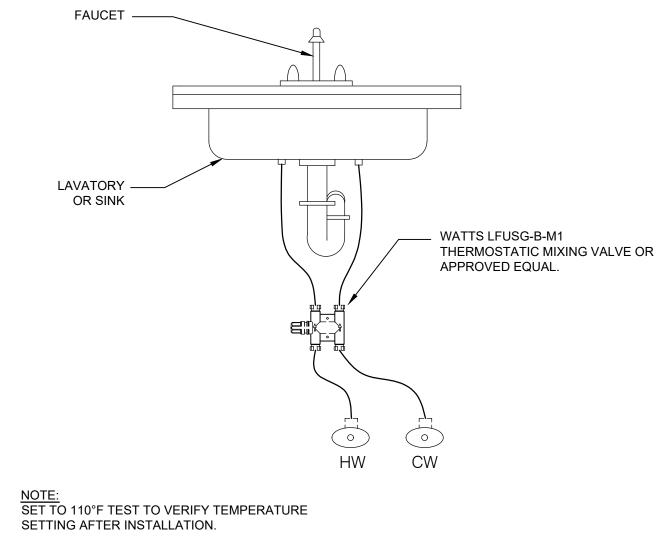
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THIS PERMIT APPLICATION SET OF DRAWINGS ARE INTENDED FOR BUILDING DEPARTMENT REVIEW ONLY. REVISIONS DUE TO PLAN CHECK AND IKEDO DESIGN REVIEW/COORDINATION MAY BE REQUIRED.



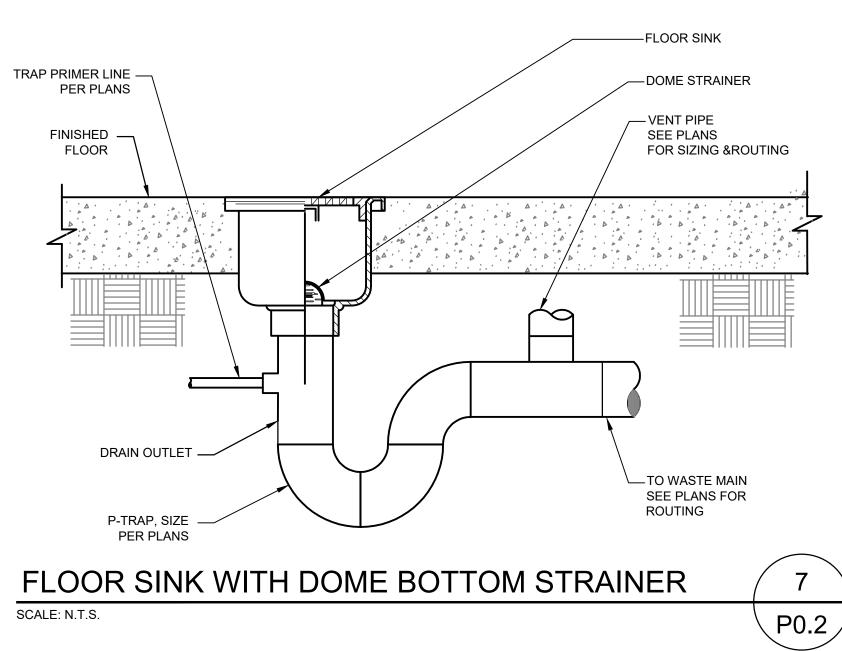


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P.O.U. THERMOSTATIC MIXING VALVE DETAIL - 4 SCALE: N.T.S. **P0.2** 



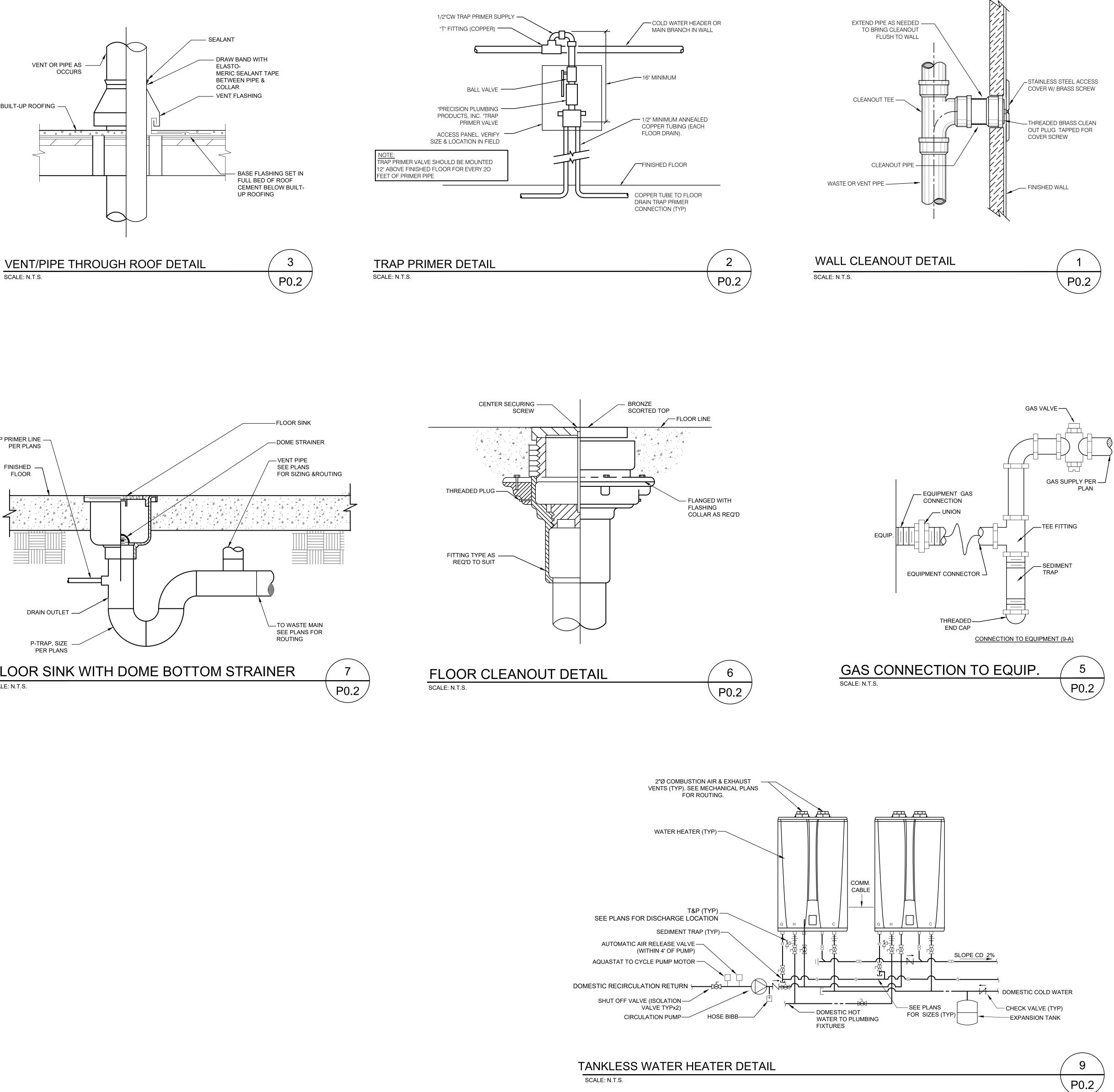
FULL SIZE VENT UNION 3/4" — RTU CONDENSATE DRAIN ROUTE TO APPROVED POINT OF DISPOSAL

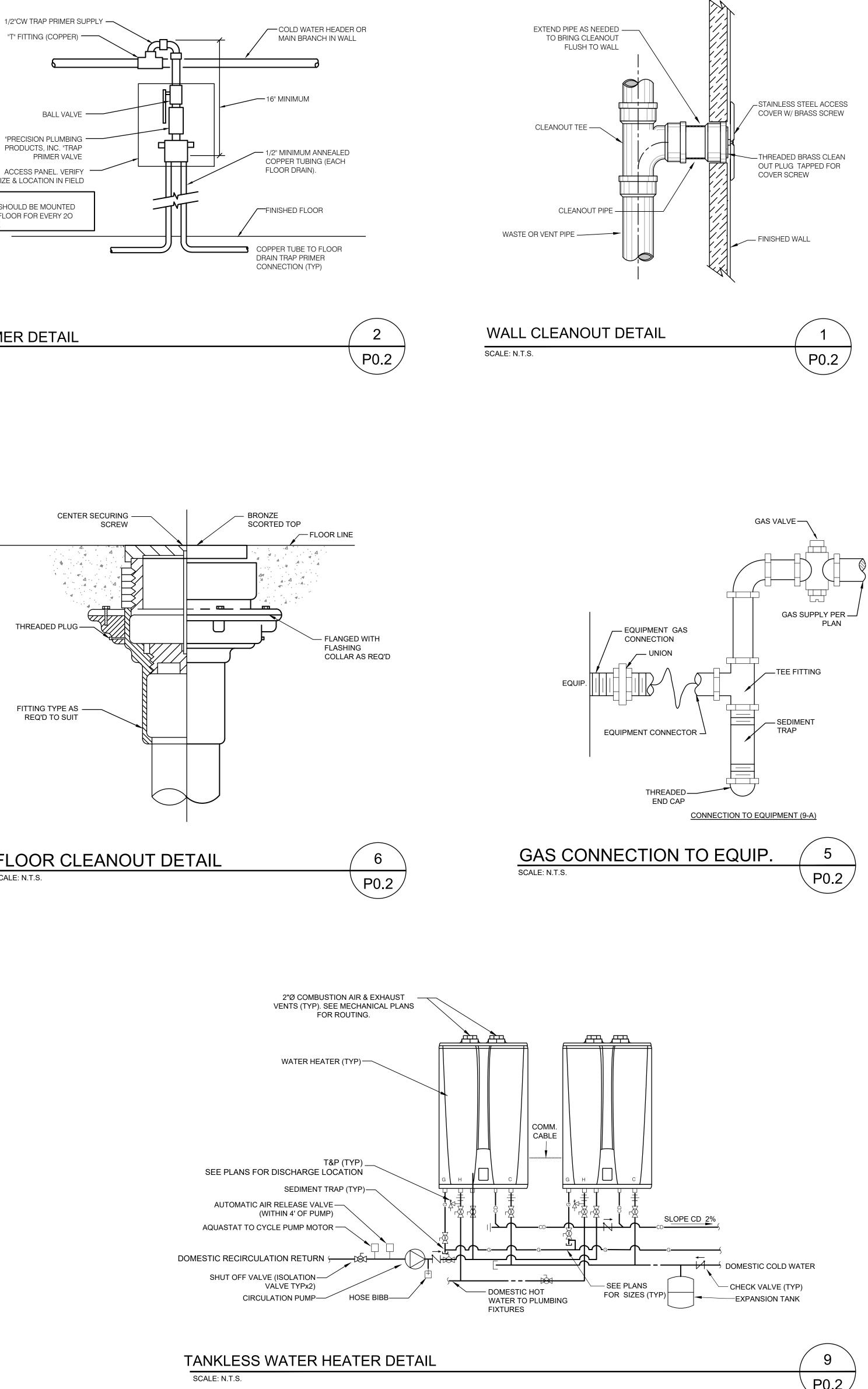


1. ALL INTERIOR CONDENSATE DRAINS SHALL BE INSULATED. (TYPE 'M' COPPER)

NOTES:

CONDENSATE DRAIN TRAP DETAIL 8 SCALE: N.T.S. **P0.2** 





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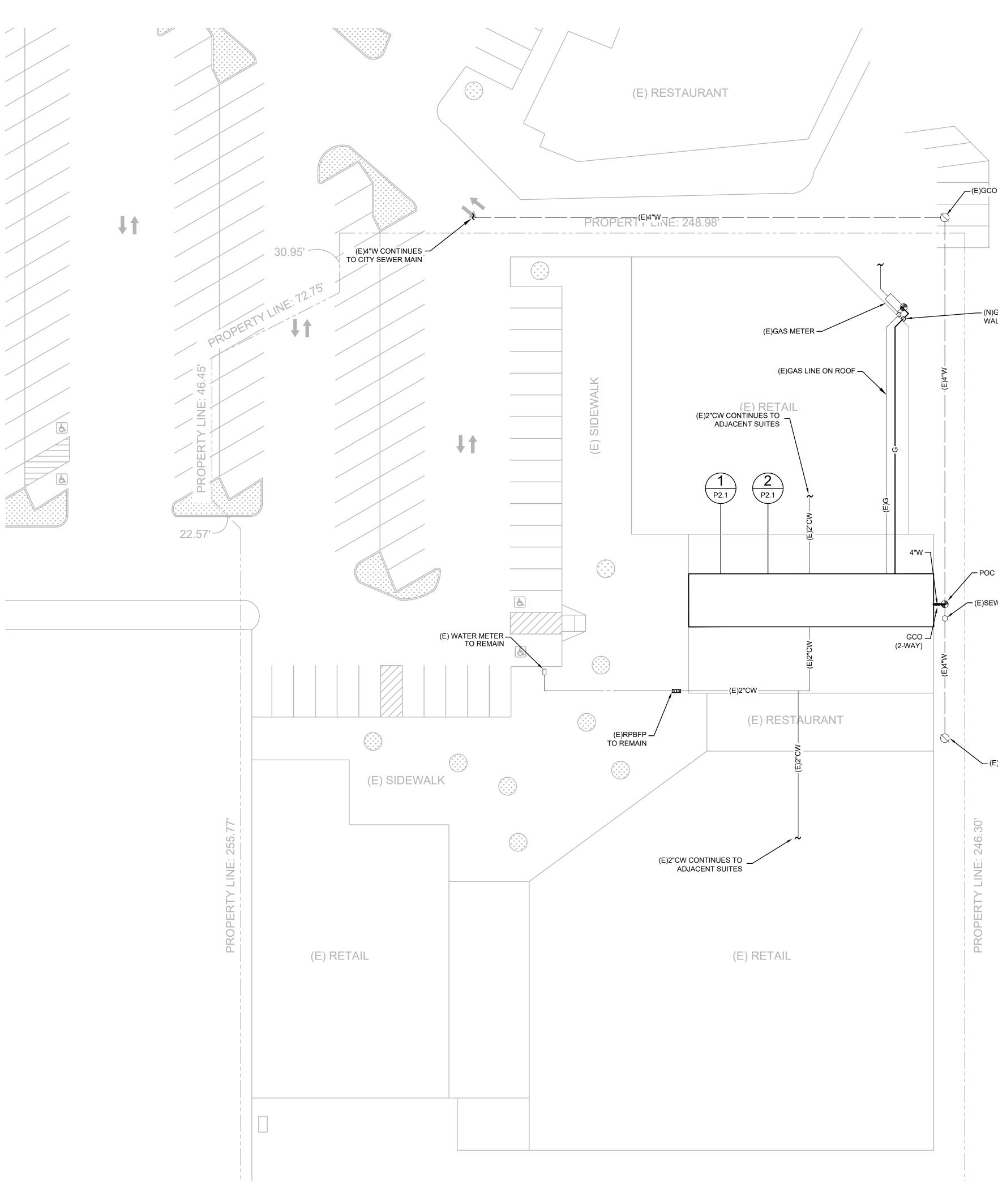
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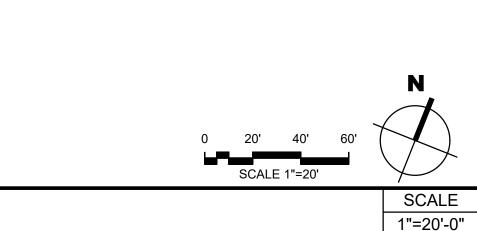
# GENERAL NOTES

- 1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES/CONTRACTORS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ANY DISCREPANCIES.
- 2. EXHAUST AND PLUMBING VENTS SHALL BE LOCATED MINIMUM 10'-0" AWAY FROM ALL OUTSIDE INTAKES AND BUILDING OPENING/INTAKES, 10'-0" ABOVE GRADE, AND 3'-0" AWAY FROM ALL PROPERTY LINES.
- 3. CONTRACTOR SHALL VERIFY INVERT ELEVATION OF ALL EXISTING WASTE PIPE BEFORE START OF CONSTRUCTION. IN THE EVENT PROPER WASTE LINE FALL TO EXISTING CANNOT BE ACHIEVED, REPLACE (E) WASTE LINE TO EXISTING GCO LOCATED AT FRONT OF BLDG; SLOPE ALL 4" WASTE LINES AT 1% AS NEEDED.
- 4. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFF-SETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.
- 5. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE.
- 6. FLOOR DRAINS OR SIMILAR TRAPS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM AND SUBJECT TO INFREQUENT USE SHALL BE PROVIDED WITH AN APPROVED AUTOMATIC MEANS OF MAINTAINING THEIR WET SEALS.
- 7. FOR WASTE AND VENT BRANCH SIZES REFER TO PLUMBING FIXTURE SCHEDULE IF NOT SHOWN ON PLAN.
- 8. INSTALLATION OF SOIL OR DRAIN PIPES IN FOOD HANDLING ESTABLISHMENTS WILL COMPLY WITH SECTION 318.0 CPC.
- 9. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
- 10. REFER TO FOOD SERVICE & ARCHITECTURAL PLANS FOR PLUMBING FIXTURES TO BE REMOVED. CAP WASTE/ VENT & DRAINS LINES AS SHOWN. PATCH REPAIR FLOOR, WALLS, CEILING, ETC. AS NEEDED.
- 11. CONTRACTOR SHALL REFER TO FOOD SERVICE & ARCHITECTURAL PLANS FOR ADDITIONAL WASTE/ VENT, DRAIN, WATER, GAS, ETC. PLUMBING SYSTEM **REQUIREMENTS & SPECIFICATIONS. PENETRATIONS** THROUGH FIRE RATED WALLS AND FLOORS SHALL MEET OR EXCEED THE MINIMUM STANDARDS SET FORTH BY THE SHELL BUILDING LANDLORD.

# — (N)GAS LINE UP ALONG WALL TO ROOF

# (E)SEWER MANHOLE

(E)GCO







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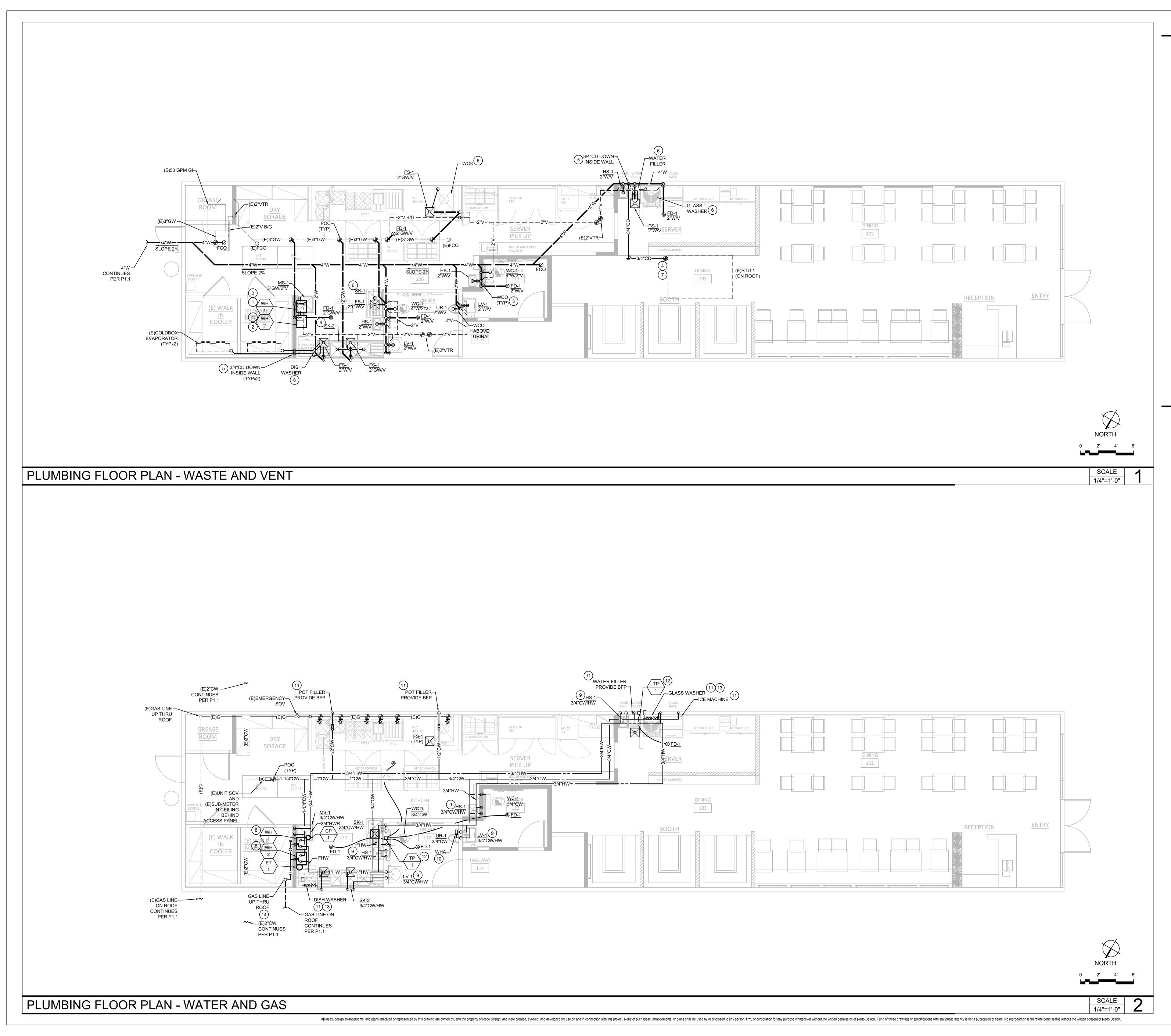
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- 10. REFER TO FOOD SERVICE & ARCHITECTURAL PLANS FOR PLUMBING FIXTURES TO BE REMOVED. CAP WASTE/ VENT & DRAINS LINES AS SHOWN. PATCH REPAIR FLOOR, WALLS, CEILING, ETC. AS NEEDED.
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- 12. INSTALLATION OF SOIL OR DRAIN PIPES IN FOOD HANDLING ESTABLISHMENTS WILL COMPLY WITH SECTION 317.0 CPC.

# PLAN NOTES

- (1) WATER HEATER SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO TO EARTHQUAKE MOTION PER SECTION 705.2 CPC. (2) WATER HEATER FULL SIZED P&T AND CONDENSATE DRAIN SPILLED TO MOP SINK W/ MIN. 1" AIR GAP. PROVIDE WATER HEATER CD NEUTRALIZATION KIT. (3) WALL CLEAN OUT PER DETAIL 1, SHEET P0.2 (4) CONDENSATE DRAIN TRAP TO HVAC UNIT, SEE DETAIL 8, SHEET P0.2. 5 CONDENSATE DOWN INSIDE WALL AND SPILLED TO FLOOR SINK W/MIN. 1" AIR GAP. (6) PROVIDE DRAIN FROM FOOD SERVICE EQUIPMENT TO DISCHARGE IN-DIRECTLY AT FLOOR SINK WITH MINIMUM 1" AIR GAP. SEE FOOD SERVICE DRAWINGS FOR PLUMBING CONNECTION REQUIREMENTS. 7 POC 3/4" CD LINE TO (E)AC UNIT PER DETAIL 8, SHEET P0.2. ROUTE 3/4" CD DOWN THRU ROOF TO DISCHARGE INDIRECTLY AT FLOOR SINK W/ MIN 1" AIR GAP. 8 GAS CONNECTION TO EQUIPMENT PER DETAIL 5, SHEET P0.2. 9 PROVIDE THERMOSTATIC MIXING VALVE PER DETAIL 4, SHEET P0.2. (10) WATER HAMMER ARRESTOR SHALL BE READILY ACCESIBLE. PROVIDE DRYWALL ACCESS PANEL. (11) SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL EQUIPMENT PLUMBING REQUIREMENTS AND SPECIFICATIONS.
- 12 PROVIDE TRAP PRIMER PER DETAIL 2, SHEET P0.2. MAKE READILY ACCESSIBLE BEHIND DRYWALL ACCESS PANEL. PROVIDE SHUT OFF VALVE WITH ACCESS THRU PANEL.
- (13) DISHWASHER/GLASSWASHER, PROVIDE SOV, WATER HAMMER ARRESTOR AND VACUUM BREAKER PER MANUFACTURERS RECOMMENDATIONS.
- (14) PIPE THRU ROOF PER DETAIL 3, SHEET P0.2.





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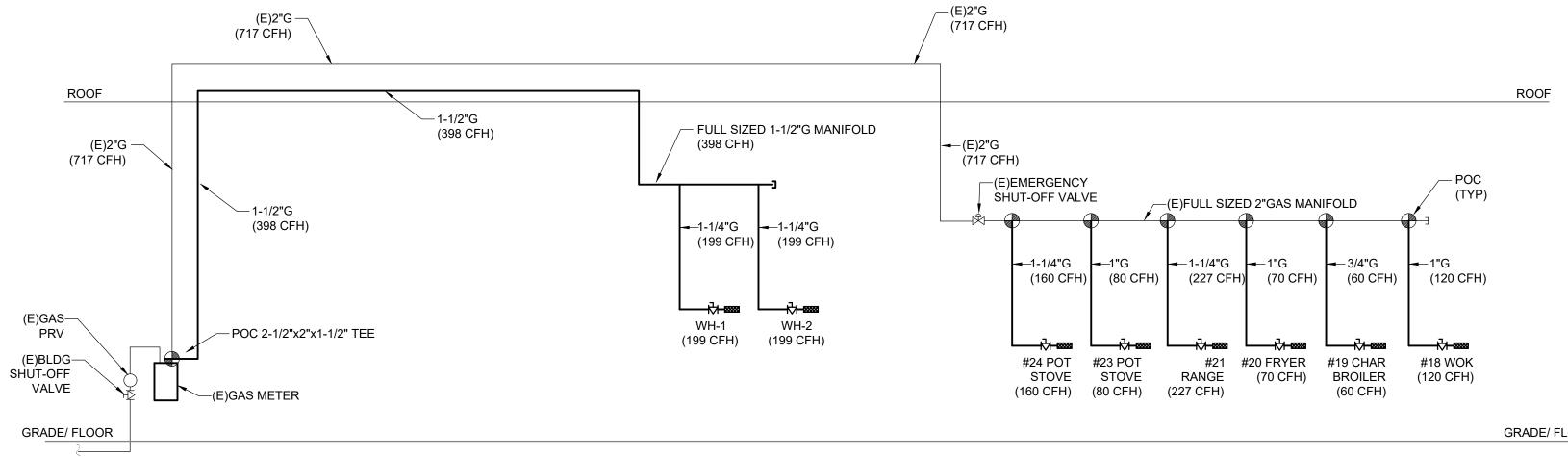
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**FLOOR PLANS** 

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	GAS LOAD #1						
QUANTITY	DESCRIPTION	CFH	TOTAL				
2	WATER HEATER	199	398				
1	#18 WOK	120	120				
1	#19 CHAR BROILER	60	60				
1	#20 FRYER	70	70				
1	#21 RANGE	227	227				
1	#23 POT STOVE	80	80				
1	#24 POT STOVE	160	160				
	1115						
TOTAL DEVELOPED LENGTH 200 FT.							

GAS PIPING CHART BASED ON CPC-2022 TABLE 1215.2(1) @ 200'					
PIPE SIZE	CFH				
1/2"	34				
3⁄4"	71				
1"	134				
1 1⁄4"	275				
1 ½"	412				
2"	794				
2 1⁄2"	1,270				
3"	2,240				

G CHART CPC-2022 5.2(1) @			
5.2(1) @ )'			
CFH			
34			
71			
134 275			
412			
794			
1,270 2,240			
_,			
		(E)2"G (717 CFH)	
		/ (717 CFH)	
	,	ROOF	
Ή)	/— FULL SIZED 1-1/2"G MANIFOLD		
"')	(398 CFH)		
l		(E)EMERGENCY SHUT-OFF VALVE (E)FULL SIZED 2"GAS MANIFOLD	
		-1-1/4"G (160 CFH) -1"G (80 CFH) (227 CFH) (70 CFH) -1"G (60 CFH) (120 CFH) (120 CFH)	
	WH-1 WH-2 (199 CFH) (199 CFH)		
		#24 POT #23 POT #21 #20 FRYER #19 CHAR #18 WOK STOVE STOVE RANGE (70 CFH) BROILER (120 CFH)	
		(160 CFH) (80 CFH) (227 CFH) (60 CFH)	
		GRADE/ FLOOR	
			SCALE 1
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**FLORES** 

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