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GENERAL NOTES

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0. CODES:

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ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL CODES AND ALL OTHER GOVERNING AUTHORITIES HAVING JURISDICTION.

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- APPLICABLE CODES:
- 2015 IBC 2015 NFPA
- 2006 INTERNATIONAL MECHANICAL CODE
- 2009 FUEL GAS CODE 2013 LOUISIANA STATE PLUMBING CODE
- 2011 NATIONAL ELECTRIC CODE 2010 ADAAG/ADA
- IN CASE OF CONFLICT BETWEEN THE APPLICABLE CODES AND STANDARDS OR BETWEEN THE DRAWINGS AND SPECIFICATIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF WORK. SHOULD THE CONTRACTOR KNOWINGLY PROCEED WITH WORK WITHOUT RESOLUTION BY THE ARCHITECT, IT WILL NOT RELIEVE THE CONTRACTOR FROM MODIFYING, REMOVING, OR REPLACING THE WORK TO CONFORM TO THE ARCHITECT'S INTERPRETATION OF THE CONTRACT DOCUMENTS.

1. GENERAL:

- ALL MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT TO BE INCORPORATED IN THE WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ASTM SPECIFICATIONS APPLICABLE, AND TO CONFORM TO THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTES (ACI, AISC, ETC.) WHERE APPLICABLE. ALL MATERIALS INCORPORATED INTO THE WORK SHALL BE NEW AND SHALL COMPLY WITH THE PROPER SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGES, COLLAPSE, DISTORTION, AND OFF ALIGNMENT ACCORDING TO APPLICABLE CODES AND STANDARDS
- THE OWNER SHALL BE RESPONSIBLE FOR THE SAFE MAINTENANCE OF THE BUILDING AND ITS FACILITIES
- AN ACCURATE AND COMPLETE FINAL SURVEY, MADE BY A LICENSED SURVEYOR, SHALL BE SUBMITTED AFTER COMPLETION OF 4. WORK SHOWING THE LOCATION OF ANY NEW BUILDING AND / OR ANY EXTENSION TO AN EXISTING BUILDING SHOWING ELEVATION OF FIRST FLOOR, FINISHED GRADES OF OPEN SPACES, ESTABLISHED CURB LEVEL, LOCATION OF OTHER STRUCTURE ON LOT, LOCATION AND BOUNDARIES OF LOT, APPLICATION FOR CERTIFICATE OF OCCUPANCY.
- DO NOT SCALE DRAWINGS FOR DIMENSIONS! CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK.
- ALL MEANS OF EGRESS TO BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS; TYP. 6.
- IN THE EVENT A CONSTRUCTION DRAWING CONTAINS AN ITEM OR ITEMS REFERENCING ANOTHER DISCIPLINE'S DRAWINGS, SUCH AS "REFER TO STRUCTURAL" OR "SEE CIVIL", THE CONTRACTOR SHALL HAVE ALLOWED FOR THE PROVISION OF THAT ITEM WHETHER SHOWN OR INDICATED IN THE OTHER DISCIPLINE OR NOT.

2. TYPE OF CONSTRUCTION / OCCUPANCY:

- ALL NEW CONSTRUCTION SHALL BE CONSTRUCTED TO MEET OR EXCEED THE MINIMUM REQUIREMENTS FOR TYPE 1C, PROTECTED, NON-COMBUSTIBLE CONSTRUCTION AS DEFINED BY THE CODE.
- THE BUILDING IS MIXED USE OCCUPANCY GROUP J-2 (RESIDENTIAL) "CLASS A" MULTIPLE DWELLING AS PER SECTION 4.8 MULTIPLE DWELLING LAW, GROUP A (WORKROOM), GROUP B-1 (LOADING DOCK), GROUP B-2 (STORAGE), GROUP C (MERCANTILE), GROUP D-2 (MEP & COMMERCIAL KITCHEN SPACES), GROUP E (OFFICE), GROUP F-1b (ARENA ASSEMBLY), GROUP F-2 (OUTDOOR ASSEMBLY SPACES), GROUP F-3 (LOCKER ROOM), AND GROUP F-4 (RESTAURANT).

5. CEILING SYSTEMS:

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BE MADE AT NO ADDITIONAL COST TO THIS PROJECT.

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2 UNLESS NOTED OTHERWISE. FINAL LOCATION TO BE APPROVED BY THE ARCHITECT.

6. ACCESS PANELS:

7. FIRE PROTECTION:

- THE BUILDING IS/ISN'T A FULLY SPRINKLED STRUCTURE CONSULT THE FIRE AUTHORITY HAVING JURISDICTION REGARDING ACCESS ROADS, GATES IN PERIMETER FENCES, AND LOCATION
- OF FIRE HYDRANTS, FIRE DEPARTMENT PUMPER CONNECTIONS, PORTABLE FIRE EXTINGUISHERS, AND FIRE PROTECTION DURING CONSTRUCTION. PROVIDE REQUIRED ACCESS AND EQUIPMENT.
- OBTAIN PERMITS FOR A COMPLETE FIRE PROTECTION SYSTEM REQUIRED BY LOCAL AUTHORITIES AND FIRE DEPARTMENTS.
- FIRE RATED CONSTRUCTION INCLUDING WALLS, FLOORS, ROOFS, SHAFTS, COLUMNS, ETC. SHALL CONFORM IN EVERY 4. PARTICULAR WITH LOCAL AGENCIES. CUSTOM DESIGNS WHICH COMBINE COMPONENTS FROM DIFFERENT APPROVED DESIGNS, BUT HAVE NOT BEEN TESTED AS A COMPLETE ASSEMBLY WILL NOT BE ACCEPTABLE WITHOUT WRITTEN APPROVAL FROM THE LOUISIANA STATE FIRE MARSHALL
- FIRE AND SMOKE DAMPERS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF LASFM, AND PROJECT SPECIFICATIONS. CONSULT SPECIFICATION FOR SPECIFIC TYPES OF FIRE DAMPERS TO BE USED IN SPECIFIC LOCATIONS.
- FIRE EXTINGUISHERS: WHETHER SHOWN OR NOT, PROVIDE PORTABLE FIRE EXTINGUISHERS THROUGHOUT THE BUILDING IN 6. ACCORDANCE WITH IBC 2015

8. EXITS:

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- EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR 1. EFFORT
- EXIT DOORS AND DOORS PROVIDING ACCESS TO EXITS SHALL BE SELF CLOSING DOORS
- PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS
- WHERE REQUIRED, LOCATION OF EVERY EXIT ON EVERY FLOOR SHALL BE CLEARLY INDICATED BY EXIT SIGNS, PLACED, IF 4. REQUIRED, AT AN ANGLE WITH THE EXIT OPENING. INSTALL DIRECTIONAL SIGNS TO SERVE AS WAY FINDING FROM ALL PORTIONS OF THE CORRIDOR OR FLOOR
- EGRESS ILLUMINATION AND POWER SOURCE FOR ILLUMINATION SHALL BE PROVIDED AS REQUIRED PER CODE.
- DOOR JAMBS OR STOPS AND THE DOOR THICKNESS WHEN OPEN, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN HALF OF THE HALLWAY.
- THE MINIMUM NOMINAL WIDTH OF CORRIDOR AND EXIT DOOR OPENINGS SHALL BE THIRTY-SIX INCHES. EXCEPT THAT WHERE A DOOR OPENING IS DIVIDED BY MULLIONS, THE MINIMUM NOMINAL WIDTH OF EACH SUCH OPENING SHALL BE THIRTY-TWO INCHES.

4. COORDINATION:

- LOCATION OF ALL EXISTING CONSTRUCTION SHOWN IN THE DRAWINGS AND THREE-DIMENSIONAL FILES IS APPROXIMATE BASED ON EXISTING SURVEY INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS. ELEVATIONS. AND ALL EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR ADDRESS 4206-08 MAGAZINE ST. CLARIFICATION PRIOR TO THE START OF WORK. NEW ORLEANS, LA 70115 G SHOULD THE SPECIFICATIONS HAVE NO SPECIFIC PROVISIONS OR DESCRIPTIONS ON PARTICULAR MATERIALS OR KIND OF GOODS SQUARE 204 TO BE USED IN ANY PLACE, THEN IT SHALL BE THE DUTY OF THE CONTRACTOR TO SUBMIT A REQUEST FOR INTERPRETATION. THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED THE HIGHEST QUALITY OF MATERIAL AND MEANS OF COMPLETING THE LOTS 16; 30'-0" x 115' WORK IN THE CONTRACT. 3450 SF LOT AREA STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, LIGHTING, SECURITY, FIRE PROTECTION, LANDSCAPE, SIGNAGE & OTHER DRAWINGS AND MODELS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS AND MODELS, BUT TOGETHER WITH FLOOD ZONE "X" THE ARCHITECTURAL DRAWINGS AND MODELS FORM RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND COORDINATE WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, LIGHTING, NO; IMPERVIOUS SURFACE < 5000 SF STORMWATER PLAN REQUIRED SECURITY, PLUMBING, FIRE PROTECTION AND LANDSCAPE WORK. SHOULD THERE BE A DISCREPANCY DISCOVERED BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTANT DISCIPLINE'S DRAWINGS, IT SHALL BE BROUGHT TO THE ARCHITECT'S ZONING DISTRICT HU-B1 ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. CONTRACTOR SHALL NOT, EITHER KNOWINGLY OR IF HE SHOULD HAVE KNOWN BASED ON INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS, INSTALL WORK IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS. ANY SUCH WORK SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO HISTORIC DISTRICT UPTOWN, PARTIAL CONTROL DISTRICT ADDITIONAL COST TO THIS PROJECT. HISTORIC LANDMARK STATUS NO IN THE EVENT OF CONFLICT BETWEEN THE DRAWINGS, COMPUTER DATABASE, AND SPECIFICATIONS, OR WITHIN THEMSELVES, THE ARCHITECT WILL DETERMINE WHICH CONFLICTING REQUIREMENT GOVERNS. CONTRACTOR SHALL VERIFY THE DIMENSIONS, OVERLAYS ELEVATIONS, AND ALL EXISTING CONDITIONS AND CONSTRUCTION AT THE SITE, AND SHALL REPORT TO THE ARCHITECT, IN WRITING, DISCREPANCIES BETWEEN ACTUAL EXISTING CONDITIONS AND THE DRAWINGS AND COMPUTER DATABASE FOR THE **BULK & YARD** MIN. LOT: NONE ARCHITECT'S DECISION AND INSTRUCTIONS BEFORE PROCEEDING WITH WORK AFFECTED BY SUCH DISCREPANCIES. IF ANY DISCREPANCY OR CONFLICT OCCURS BETWEEN THE DRAWINGS, COMPUTER DATABASE, AND SPECIFICATIONS, OR ERRORS EXIST MAX BLDG HEIGHT: 40' / 3 STORIES IN ANY OF THE DRAWINGS, COMPUTER DATABASE, OR SPECIFICATIONS, THE SITUATION SHALL BE REPORTED TO THE ARCHITECT MIN PERMEABLE OPEN SPACE: 10% IN WRITING AND THE ARCHITECT WILL ISSUE A CLARIFICATION. SIDE YARD: NONE ALL MANUFACTURED MATERIALS USED SHALL BEAR THE APPROPRIATE MEA, BSA, OR U.L. LABELS. J CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT PADS AND BASES AS WELL AS POWER 6. PROPOSED USES FIRST FLOOR: RESTAURANT AND WATER OR DRAIN INSTALLATIONS WITH EQUIPMENT MANUFACTURERS BEFORE PROCEEDING WITH THE WORK. CHANGES TO SECOND FLOOR: RESIDENTIAL ACCOMMODATE FIELD CONDITIONS OR SUBSTITUTIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO THESE PROJECTS. *BAR REQUIRES CONDITIONAL USE VALVES, CONTROLS, AND TERMINATIONS SHALL BE POSITIONED FOR SAFE, DIRECT, AND EASY ACCESS. PIPING AND CUTWORK 7 SHALL BE INSTALLED FOR CONVENIENT FUTURE ADDITIONS AND MODIFICATIONS. GROSS SF 2,209 SF CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS PARKING REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES AND PARTITIONS AND ALL WALL-MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL, PLUMBING OR MISCELLANEOUS EQUIPMENT. CONTRACTOR'S MATERIALS AND ACTIVITIES SHALL NOT BLOCK ANY EXIT OR IMPAIR FLOOR-TO-FLOOR FIRE SEPARATION WHILE 9. 21.6.A GENERAL APPLICATION THE BUILDING IS OCCUPIED. K CONTRACTOR SHALL VERIFY ALL CONCRETE AND EXISTING OPENINGS IN THE FIELD PRIOR TO THE FABRICATION OF DOORS AND 10. NO MORE THAN FORTY PERCENT (40%) OF THE REQUIRED REAR YARD AREA. FRAMES 11. CONTRACTOR TO COORDINATE THE EXACT DIMENSIONS, SIZES, AND POSITIONS OF OPENINGS IN SLABS AND WALLS AND HEIGHT OF FOURTEEN (14) FEET, UNLESS OTHERWISE PERMITTED OR LIMITED BY THIS ORDINANCE... COORDINATE PLUMBING AND MECHANICAL DRAWINGS FOR STRUCTURAL BEAMS TO BE SLEEVED PRIOR TO COMMENCING STRUCTURAL WORK. 12. SPECIFIC NOTES OR KEYNOTES ON DRAWINGS APPLY TO SIMILAR CONDITIONS ON OTHER DETAILS ON ALL DRAWINGS UNLESS NOTED OTHERWISE. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MODIFICATIONS MAY BE REQUIRED TO 13 DRAIN WATER AWAY FROM THE ADJOINING LOT. SUIT THE JOB DIMENSIONS, GEOMETRY, OR CONDITIONS AND SHALL BE MADE PART OF THE WORK AT NO ADDITIONAL COST TO THIS PROJECT.
 - 14 DRAWINGS/DETAILS IDENTIFY THE GENERAL MATERIALS TO BE USED IN THE CONSTRUCTION. SEE SPECIFICATION FOR SPECIFIC MATERIAL TYPES AND LOCATIONS TO BE USED.

ZONING SUMMARY

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ABBREVIATIONS

ACI: ACT: AD:	AMERICAN CONCRETE INSTITUTE ACOUSTICAL TILE AREA DRAIN	MED: MET: MFR:	MEDIUM METAL MANUFACTURER
	AMERICANS WITH DISABILITIES ACT ARCHITECTURAL	MH: MIN:	MANHOLE MINIMUM
ADJ: AFF:	ADJUST, ADJUSTABLE, ADJACENT ABOVE FINISHED FLOOR	MIR: MISC:	MIRROR MISCELLANEOUS
PPROX:	ALUMINUM APPROXIMATE	MLDG: MO:	MOLDING MASONRY OPENING
PT: RCH:	APARTMENT ARCHITECTURAL	MULL:	MULLION
D:	BOARD	NEC: NEUT:	NATIONAL ELECTRICAL CODE NEUTRAL
LDG: LK:	BUILDING BLOCK	NIC: NRC:	NOT IN CONTRACT NOISE REDUCTION COEFFICIENT
LKG: R:	BLOCKING BEDROOM	NTS:	NOT TO SCALE
SMT: TU:	BASEMENT BRITISH THERMAL UNITS	0C: 0D:	ON CENTER OUTSIDE DIAMETER
AB:	CABINET	OFF: OH:	OFFICE OPPOSITE HAND
D: PT:	CATCH BASIN CARPET	OPP:	OPPOSITE
F: FOI:	CONTRACTOR FURNISHED CONTRACTOR FURNISHED OWNER INSTALLED	P:	PAINT
L: LG:	CENTERLINE CEILING	P. LAM: PCF: PCPL:	PLASTIC LAMINATE POUNDS PER CUBIC FOOT PORTLAND CEMENT DI ASTER
MU: DNC: DNTR:	CONCRETE MASONRY UNIT CONCRETE CONTRACTOR	PERF: PKG:	PORTLAND CEMENT PLASTER PERFORATE PARKING
ORR: PT:	CORRIDOR CARPET	PLBG:	PLUMBING PLYWOOD
SMT: T:	CAREL CASEMENT CERAMIC TILE	PLUMB:	PLUMBING PREFABRICATED
BL:	DOUBLE	PSF: PSI:	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
EPT: ET:	DEPARTMENT DETAIL	PSIG: PT:	POUNDS PER SQUARE INCH GAGE PAINT, POINT, PART, POTENTIAL TRANSFORMER
F: IA:	DRINKING FOUNTAIN DIAMETER	PTC: PTD:	POST-TENSIONED CONCRETE PAINTED, PAPER TOWEL DISPENSER
ia. IAM: IFF:	DIAMETER DIFFUSER	PWD:	PLYWOOD
N: R:	DOWN DOOR	QUAL: QUANT:	QUALITY QUANTITY
IS: ISP:	DOWNSPOUT DRY STANDPIPE	QT: QTR:	QUARRY TILE, QUART QUARTER
NG:	DRAWING	QTY:	QUANTITY
A: C:	EACH EXPOSED CONSTRUCTION	RAD: RB:	RADIUS, RADIATOR RUBBER, RUBBER BASE, RESILIENT BASE
J: L:	EXPANSION JOINT ELEVATION	RD: REF:	ROOF DRAIN, ROUND, RECEPTACLE DISTRIBUTION REFERENCE
LEV: XH:	ELEVATOR EXHAUST	REINF: RESIL:	REINFORCEMENT, OR REINFORCE RESILIENT
XP: XT:	EXPANSION, EXPOSED EXTERIOR, EXTINGUISH	RM: RO:	ROOM ROUGH OPENING
A:	FIRE ALARM, FRESH AIR	RT: RWD:	RUBBER TILE, RIGHT REDWOOD
D: DC:	FLOOR DRAIN FIRE DEPARTMENT CONNECTION	S:	SOUTH
E: EC:	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET		SOLID CORE SEALED CONCRETE
FE: F&E: IXT:	FINISHED FLOOR ELEVATION FIXTURES, FURNISHINGS & EQUIPMENT	SCHED: SCW: SD:	SCHEDULE SOLID CORE WOOD
_:	FIXTURE FLOOR, FIRE LINE FLASHING	SD. SECT: SF:	SOLID CORE SECTION SQUARE FOOT
LASH. LG: LEX:	FLOORING FLEXIBLE	SGG:	STRUCTURAL GLAZING GASKET SHEATHING
LG: LR:	FLEAIDLE FLANGE, FLASHING, FLOORING FLOOR	SHWR: SIG:	SHOWER SIGNAL
	FLUORESCENT FINISHED OPENING	SIM: SKL:	SIMILAR SKYLIGHT
0C: 0C: 0F:	FACE OF CONCRETE FACE OF FINISH	SPEC: SPK:	SPECIFICATION SPEAKER
0S: P:	FACE OF STUDS FIREPROOF	SPLR: STC:	SPRINKLER SOUND TRANSMISSION CLASS
RM: RPF:	FRAME FIREPROOF	STD: STOR:	STANDARD STORAGE
t: URN:	FOOT FURNITURE		STRUCTURAL SUPPLEMENTARY
		SW: SY:	SWITCH SQUARE YARD
A: ALV:	GAUGE, GAGE GALVANIZED	SYM:	SYMMETRICAL
C: F:	GENERAL CONTRACTOR GROUND FACE	T&B: T&G:	TOP AND BOTTOM TONGUE & GROOVE
FI: FRC:	GROUND FAULT INTERRUPTED GLASS FIBER REINFORCED CONCRETE	TEL: TEMP:	TELEPHONE TEMPORARY
	GLASS BLOCK GYPSUM BOARD	THK: THR:	THICK THRESHOLD
:	HIGH	TO: TOC:	TOP OF TOP OF CONCRETE
B: C:	HOSE BIB HANDICAPPED	TOP: TOS:	TOP OF PARAPET TOPE OF STEEL
	HEADER HARDWOOD	TOW: TP:	TOP OF WALL TOP OF PAVEMENT
IDWE: IEX:	HARDWARE HEXAGONAL	THRU:	THERMOSTAT THROUGH TACKROARD
IGR: IGT:	HANGER HEIGHT	TKBD: TOL: TV(:	
IM: IORIZ:	HOLLOW METAL HORIZONTAL	TV: TYP: T7:	TELEVISION TYPICAL TERRAZZO
ITG: ITR:	HEATING HEATER HEATING VENTILATING & AIR CONDITIONING	TZ:	
IVAC: IWH: IWS:	HEATING, VENTILATING & AIR CONDITIONING HOT WATER HEATER HOT WATER SUPPLY	UL: UNF: UNO:	UNDERWRITERS' LABORATORIES UNFINISHED UNLESS NOTED OTHERWISE
):	INSIDE DIAMETER	UON: UT:	UNLESS OTHERWISE NOTED UTILITY
: : :	INVERT ELEVATION INCH	VCT:	VINYL COMPOSITION TILE
ISUL: ITM:	INSULATION INTERMEDIATE	VENT: VEST:	VENTILATE VESTIBULE
IV:	INVERT	VEGT: VF: VFGT:	VINYL FABRIC VINYL FOAM GLAZING TAPE
AN: T:	JANITOR JOINT	VIF: VT:	VERIFY IN THE FIELD VINYL TILE
IP:	1000 POUNDS	VTR:	VENT THROUGH ROOF
:		W/: W/0:	WITH WITHOUT
AB:	LABORATORY, LABOR	WB: WC:	WOOD BASE WATERCLOSET
λM:		WD: WDW: WH:	WOOD WINDOW WATER HEATER
AV: AB: F:	LAVATORY LABORATORY LINEAR FOOT	WH: WP: WT:	WATER HEATER WATERPROOF WEIGHT
	LINEAR FOOT LIVE LOAD	W1:	WEIGHT
	LANDING		
L: NDG: NTL: TG:	LANDING LINTEL LIGHTING		

ALIGN CEILING DEVICES (SPEAKERS, SPRINKLERS, GRILLES, REGISTERS, ETC.) WITH THE CENTERLINE OF LIGHTING FIXTURES,

APPLICABLE EVEN IF ACCESS PANELS ARE NOT SHOWN ON CONTRACT DOCUMENTS. ACCESS PANELS THAT ARE SHOWN ON THE SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION INDICATING THE LOCATIONS OF ALL ACCESS PANELS.

PROVIDE ACCESS PANELS AT WALL AND CEILING LOCATIONS FOR ELECTRICAL, PLUMBING, AND AIR CONDITIONING CONTROLS, VALVES, DAMPERS, COUNTER FIRE SHUTTERS, OR OTHER DEVICES AS REQUIRED BY THE WORK AND MAINTENANCE, AND DRAWINGS SHALL BE INSTALLED IN LOCATIONS AS SHOWN AND DIMENSIONED, UNLESS OTHERWISE NOTED. CONTRACTOR

COORDINATE THE PLACEMENT OF CEILING ELEMENTS WITH TRADES. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS AND INSTALLATION REQUIREMENTS, REVIEW THE CONDITIONS WITH THE ARCHITECT PRIOR TO PROCEEDING. ADJUSTMENTS SHALL

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HISTORIC URBAN TWO-FAMILY RESIDENTIAL DISTRICT

CPC CHARACTER, MAGAZINE STREET USE, SMALL MULTI-FAMILY

MAX TOTAL FLOOR AREA: 5000 SF; GREATER REQUIRES CU FRONT YARD: 0' BUILD TO LINE REQ'D; EXCEPT WHERE ADJ. AVG IS GREATER THAN 5'

REAR YARD: 15 FT ABUTTING A RESIDENTIAL DISTRICT

SQ FOOTAGE EXEMPTION; FIRST 5000 SF EXEMPT ON-SREET SPACES COUNT TOWARDS OFF STREET REQUIREMENTS

3. THE COMBINED SQUARE FOOTAGE OF ALL DETACHED ACCESSORY STRUCTURES LOCATED IN THE REQUIRED REAR YARD IS LIMITED TO

6. WHEN DETACHED ACCESSORY STRUCTURES ARE LOCATED WITHIN A REQUIRED YARD, STRUCTURES ARE LIMITED TO A MAXIMUM

7. DETACHED ACCESSORY STRUCTURES SHALL BE LOCATED A MINIMUM OF THREE (3) FEET FROM ANY LOT LINE, UNLESS OTHERWISE PERMITTED OR LIMITED BY THIS ORDINANCE. HOWEVER, IN THE HISTORIC CORE AND HISTORIC URBAN NEIGHBORHOOD DISTRICTS, A DETACHED ACCESSORY STRUCTURE MAY BE BUILT ON THE INTERIOR SIDE OR REAR LOT LINE PROVIDED THERE IS NO EXISTING STRUCTURE ON THE ADJOINING LOT LOCATED ON OR WITHIN THREE (3) FEET OF THE COMMON INTERIOR SIDE OR REAR LOT LINES. THE WALL OF THE ACCESSORY STRUCTURE BUILT ON A PROPERTY LINE SHALL MEET ALL STANDARDS OF THE FIRE CODE AND SHALL INCLUDE GUTTERS TO



CICADA SY	<u>YMBOL LEGEND</u>
CALLOUT HEAD	1 A101 SIM
AREA TAG —————	Room name 150 SF
DOOR TAG	(101)
ELEVATION MARKER —	1 Ref 4101 1 Ref 1 Ref
GRID MARKER	0
LEVEL HEAD	Name Elevation
NORTH ARROW	
ELEVATION	•

STAIR ANNOTATION - 20 R @ 7 1/2"

CLE DISTRIBUTION PANEL



PROJECT NO:	12019
PHASE:	PERMIT SET
ISSUED FOR:	
DATE:	9/20/2022

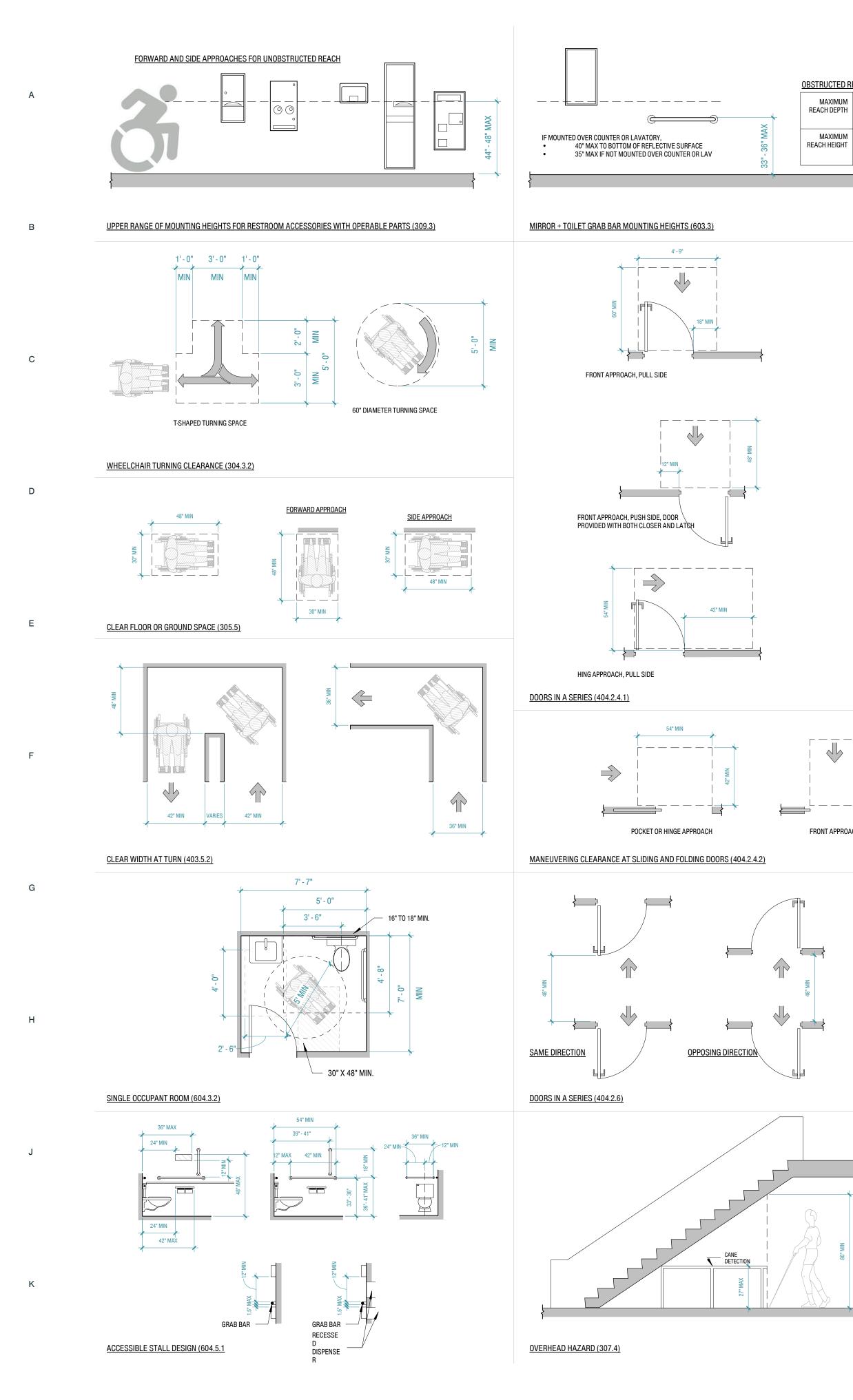
GENERAL NOTES, ABBREVIATIONS, SYMBOLS





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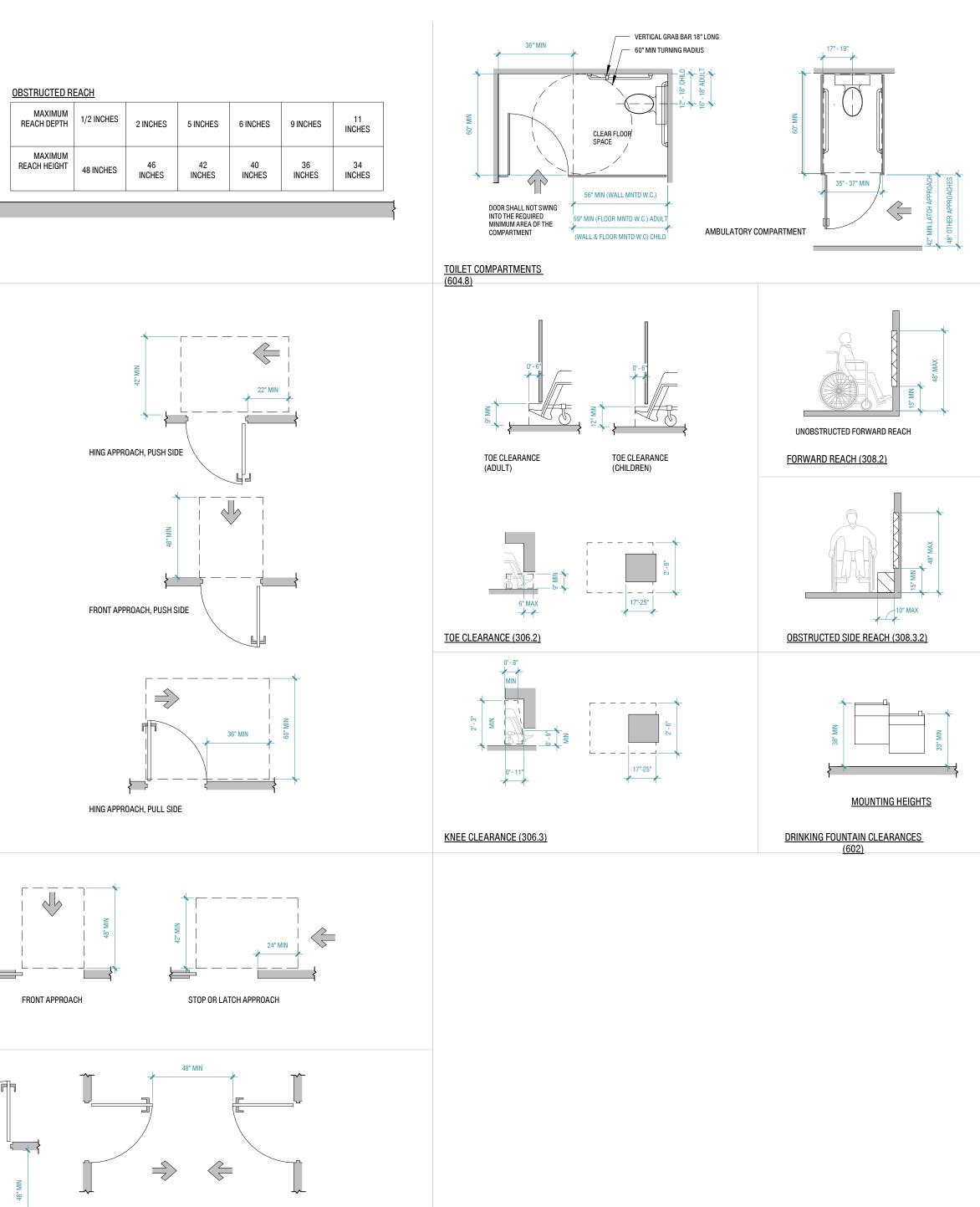


ALL ILLUSTRATIONS REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN | 9.5.2010

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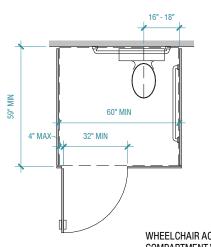


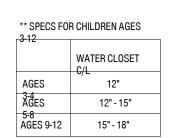


MAX DOORWAY DEPTH

PROTRUDING OBJECTS (307.2)

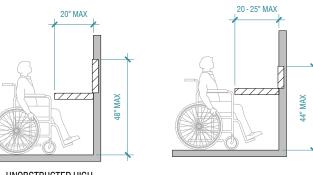
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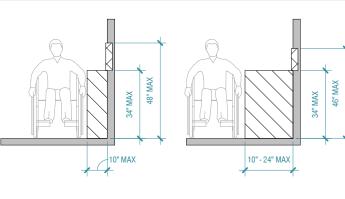


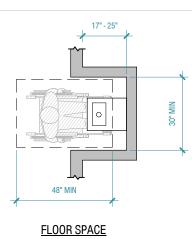
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WHEELCHAIR ACCESSIBLE COMPARTMENT WATER CLOSET



UNOBSTRUCTED HIGH FORWARD REACH





CHILDRENS REACH RANGES			
FORWARD OR SIDE REACH	High (Max)	LOW (MIN)	
AGES	36" INCHES	20"	
AGES	40 INCHES	INCHES 18 INCHES	
5-8 AGES 9-12	44 INCHES	16 INCHES	

HEREFORD EYES HUNGRY SON

PROJECT NO:	12019
PHASE:	PERMIT SET
ISSUED FOR:	
DATE:	9/20/2022

ACCESSIBILITY NOTES AND DETAILS







LIFE SAFETY

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0. OCCUPANCY CLASSIFICATION:

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- 1. IBC 2015 (SECTION 303) • ASSEMBLY A-2
- 2. NFPA 101-2015 (SECTON 6.1.2) ASSEMBLY

1. CONSTRUCTION TYPE:

1. IBC 2015 (SECTION 903) • V-B 2. NFPA 101-2015 (SECTION 9.7) • V-000

2. TOTAL BUILDOUT SQUARE FOOTAGE:

1. 2088 GROSS S.F.

3. OCCUPANT LOAD:

- 1. IBC 2015 (TABLE 1004.1.2) UNCONCENTRATED: 15 NET
- KITCHENS: 200 GROSS ACCESSORY STORAGE: 300 GROSS •
- BUSINESS: 100 GROSS 2. NFPA 101-2015 (TABLE 7.3.1.2)
 - LESS CONCENTRATED: 15 NET • KITCHENS: 100 GROSS
- STORAGE: 500 GROSS BUSINESS: 150 GROSS •

4. FIRE PROTECTION:

- 1. IBC 2015 (SECTION 903) UNSPRINKLERED
- 2. NFPA 101-2015 (SECTION 9.7) UNSPRINKLERED

5. FIRE ALARM & ANNUNCIATION:

- IBC 2015 (SECTION 907)
- NOT REQUIRED NFPA 101-2015 (SECTION 9.7)
- N/A

6. HEIGHT | STORIES | AREA LIMITATION:

- 1. IBC 2015 (TABLE 503)
- 40 FT ALLOWABLE HEIGHT •
- 1 ALLOWABLE # STORIES ABOVE GRADE PLANE
 6,000 SF ALLOWABLE AREA FACTOR
- NFPA 101-2015 (TABLE 6.1.14.4.1) • N/A









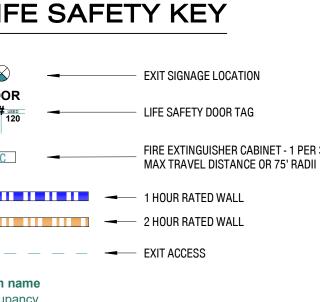












7. EXTERIOR FIRE SEPERATION:

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1.	IBC 2015 (TABLE 602)		
	X < 5 FT	1 HR	GROUP A-2
	5 FT <u><</u> X < 10 FT	1 HR	GROUP A-2
	10 FT <u><</u> X < 30 FT	0 HR	GROUP A-2
	X <u>></u> 30 FT	0 HR	GROUP A-2
1.	NFPA 101-2015		
	• N/A		

8. CORRIDOR FIRE RATING:

- IBC 2015 (TABLE 1020.1) 1. • 1 HR (UNSPRINKLERED, OL>30)
- NFPA 101-2015 2. N/A •

9. MAX ALLOWABLE TRAVEL DISTANCE:

- IBC 2015 (TABLE 1017.2) 1.
- ASSEMBLY: 200 FEET (UNSPRINKLERED) 2. NFPA 101-2015 (TABLE A.7.6) ASSEMBLY: 200 FEET (UNSPRINKLERED)

10. MAX ALLOWABLE DEAD END:

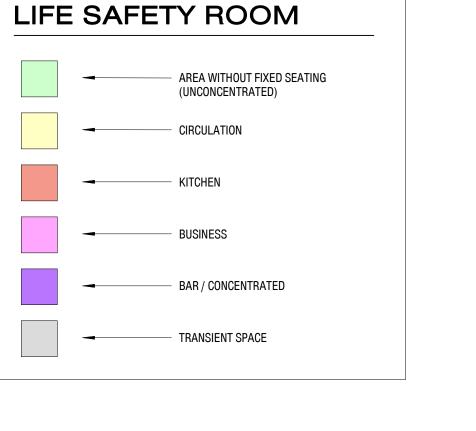
- 1. IBC 2015 (SECTION 1020.4) ASSEMBLY: 20 FEET (UNSPRINKLERED)
- NFPA 101-2015 (TABLE A.7.6) ASSEMBLY: 20 FEET (UNSPRINKLERED)

11. MAX ALLOWABLE COMMON PATH OF TRAVEL:

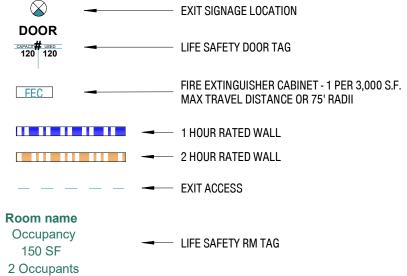
- IBC 2015 (TABLE 1006.2.1) 1.
- ASSEMBLY: 75 FEET (UNSPRINKLERED) NFPA 101-2015 (TABLE A.7.6)
 - ASSEMBLY: 20 FEET (UNSPRINKLERED, OVER 50 OCCUPANTS) • ASSEMBLY: 75 FEET (UNSPRINKLERED, UNDER 50 OCCUPANTS)

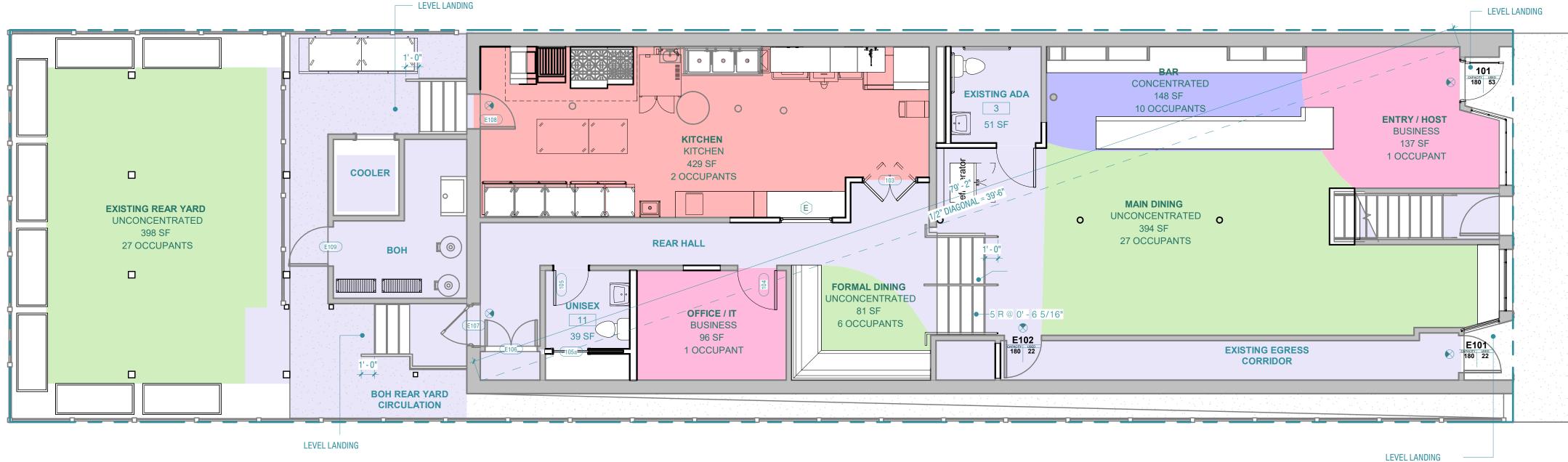
12. REQUIRED CAPACITIES BASED ON OCCUPANT LOAD

- 1.
- STAIRWAYS: 0.3 INCHES PER OCCUPANT (UNSPRINKLERED) • OTHER EGRESS: 0.2 PER OCCUPANT (UNSPRINKLERED)
 - - OTHER EGRESS: 0.2 PER OCCUPANT



LIFE SAFETY KEY





L5 LIFESAFETY PLAN

3/16" = 1'-0"

2. NFPA 101-2015 (TABLE 7.3.3.1)

- STAIRWAÝS: 0.3 INCHES PER OCCUPANT •
- IBC 2015 (SECTION 1005.1)

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0. WATER CLOSETS:

- RESTAURANT (TABLE 2902.1.1) 1.
- WATER CLOSET A-2 = 1 PER 75 MALE & FEMALE LOCATION OF TOILET FACILITIES [P] 2902.3.2 2.
 - THE REQUIRED PUBLIC AND EMPLOYEE TOILET FACILITIES SHALL BE LOCATED NOT MORE THAN ONE STORY ABOVE OR BELOW THE SPACE REQUIRED TO BE PROVIDED WITH TOILET FACILITIES, AND THE PATH OF TRAVEL TO SUCH FACILITIES SHALL NOT EXCEED A DISTANCE OF 500'

1. LAVATORIES:

2.

- RESTAURANT (TABLE 2902.1.1) 1. • LAVATORIÉS A-2 = 1 PER 200
- LOCATION OF TOILET FACILITIES [P] 2902.3.2 • THE REQUIRED PUBLIC AND EMPLOYEE TOILET FACILITIES SHALL BE
 - LOCATED NOT MORE THAN ONE STORY ABOVE OR BELOW THE SPACE REQUIRED TO BE PROVIDED WITH TOILET FACILITIES, AND THE PATH OF TRAVEL TO SUCH FACILITIES SHALL NOT EXCEED A DISTANCE OF 500'

2. DRINKING FOUNTAINS:

- ASSEMBLY (TABLE 2902.1.1) 1 PER 500
- 2. EXCEPTION** DRINKING FOUNTAIN NEED NOT TO BE PROVIDED IN A DRINKING OR DINING ESTABLISHMENT.

ADA NOTES (PER ADA226)

5% OF TOTAL STANDING & SEATING: 2 OCCUPANTS

WHERE DINING SURFACES ARE PROVIDED FOR THE CONSUMPTION OF FOOD OR DRINK, AT LEAST 5 PERCENT OR 2 OCCUPANTS OF THE SEATING SPACES AND STANDING SPACES AT THE DINING SURFACES SHALL COMPLY WITH 902.

HUNGRY EYES ACCESSIBLE SEATING AREA CAN ACCOMODATE 2 ACCESSIBLE SEATS PER THE 5% OF ADA 226. DUE TO THE INTIMATE SIZE OF HUNGRY EYES ALONG WITH THE EQUAL DISPERSION OF THE ROOM ITSELF WE BELOEVE THAT ADA DEDICATED HEIGHT TABLES MEET THE MINIMUM REQUIREMENTS SET FORTH WITHIN THE GUIDELINES.

				CICAD
#	WIDTH	HEIGHT	THICKNESS	OPERATION
	·		·	L
101	3' - 1 7/16"	8' - 4"	0' - 1 3/4"	SIMPLE SWING
103	4' - 0"	6' - 8"	0' - 1 3/4"	DOUBLE ACTING
104	3' - 0"	7'-0"	0' - 2"	SIMPLE SWING
105	2'-8"	7' - 0"	0' - 2"	SIMPLE SWING
105a	2' - 8"	7'-0"	0' - 1 3/8"	POCKET
107	3' - 0"	7'-0"	0' - 2"	SIMPLE SWING
E101	2' - 10"	6' - 8"	0' - 2"	SIMPLE SWING
E102	2' - 10"	6' - 8"	0' - 2"	SIMPLE SWING
E106	4' - 0"	4' - 0"	0' - 2"	SIMPLE SWING
E107	3' - 1 7/16"	8' - 4"	0' - 1 3/4"	SIMPLE SWING
E108	2'-8"	7'-0"	0' - 2"	SIMPLE SWING
E109	3' - 0"	6' - 8"	0' - 2"	SIMPLE SWING

LIFE SAFETY ROOM SCHEDULE

ROOM NAME	AREA	OCCUPANCY	LOAD FACTOR	OCCUF COL
ENTRY / HOST	137 SF	BUSINESS	150 GROSS	1
BAR	148 SF	CONCENTRATED	FIXED	1
MAIN DINING	394 SF	UNCONCENTRATED	15 NET	2
KITCHEN	429 SF	KITCHEN	200 GROSS	3
FORMAL DINING	81 SF	UNCONCENTRATED	15 NET	6
OFFICE / IT	96 SF	BUSINESS	150 GROSS	1
EXISTING REAR YARD	398 SF	UNCONCENTRATED	15 NET	2
ST0	13 SF			

TOTAL OCCUPANT LOAD:

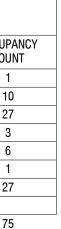


ADA DOOR SCHEDULE COMMENTS CUSTOM WD DOOR W/ STAINED GLASS INFILL CURTRON SERVICE PRO DOORS; HEAVY DUTY OFCI WD DOOR OFCI WD DOOR SOLID CORE, WD DOOR & FRAME // FLUSH PANEL; PAINTED SOLID CORE, HM DOOR & FRAME // FLUSH PANEL; PAINTED PAINT EXISTING; HOLD ALLOWANCE IN CASE OWNER WANTS NEW WD DOOR PAINT EXISTING RATED DOOR; HOLD ALLOWANCE IN CASE OWNER WANTS NEW 45 MIN RATED WD DOOR PAINT EXISTING; HOLD ALLOWANCE IN CASE OWNER WANTS NEW WD DOOR PAINT EXISTING; HOLD ALLOWANCE IN CASE OWNER WANTS NEW WD DOOR PAINT EXISTING; HOLD ALLOWANCE IN CASE OWNER WANTS NEW WD DOOR PAINT EXISTING; HOLD ALLOWANCE IN CASE OWNER WANTS NEW WD DOOR

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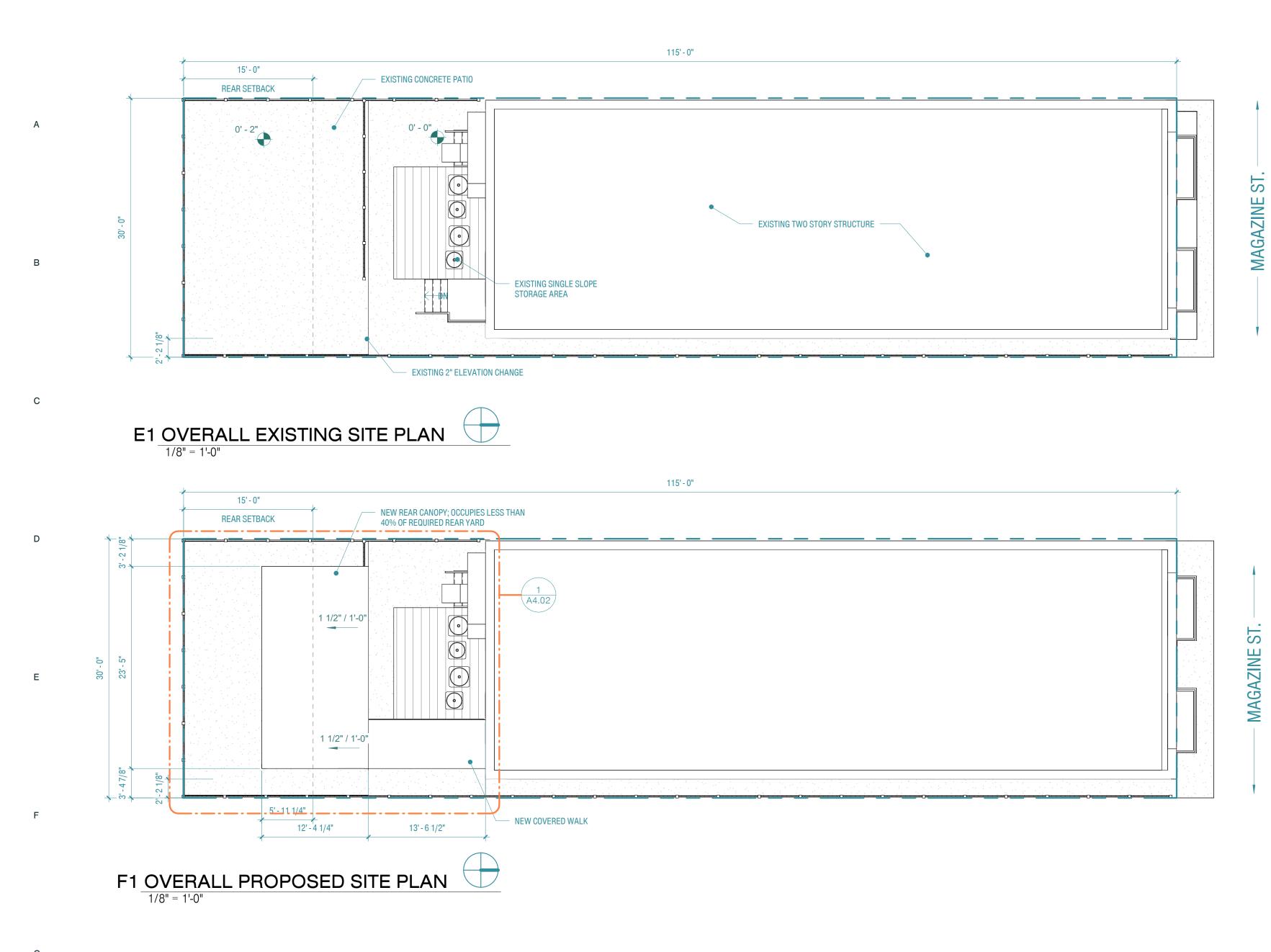


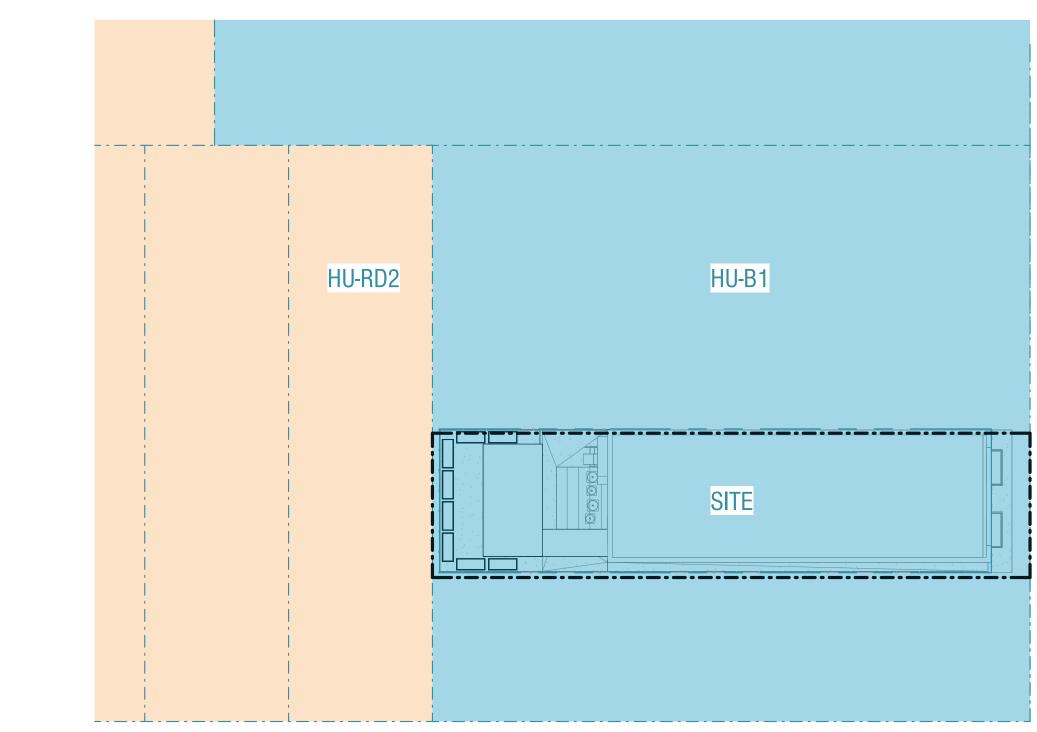


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FIRST FLOOR LIFE SAFETY PLAN







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K1 A2.01

ZONING SUMMARY

ADDRESS	4206-08 MA NEW ORLEA
SQUARE	204
LOTS	16; 30'-0" x
LOT AREA	3450 SF
FLOOD ZONE	"X"
STORMWATER PLAN REQUIRED	NO; IMPERV
ZONING DISTRICT	HU-B1 Historic U
HISTORIC DISTRICT	UPTOWN, P
HISTORIC LANDMARK STATUS	NO
OVERLAYS	CPC CHARA
BULK & YARD	MIN. LOT: N MAX TOTAL MAX BLDG MIN PERME FRONT YAR SIDE YARD: REAR YARD
PROPOSED USES	FIRST FLOO SECOND FL
	*BAR REQU
GROSS SF	2,209 SF
PARKING	SQ FOOTAG ON-SREET S
21.6.A GENERAL APPLICATION	

NO MORE THAN FORTY PERCENT (40%) OF THE REQUIRED REAR YARD AREA.

DRAIN WATER AWAY FROM THE ADJOINING LOT.

16

06-08 MAGAZINE ST. W ORLEANS, LA 70115

; 30'-0" x 115' 50 SF

; IMPERVIOUS SURFACE < 5000 SF

STORIC URBAN TWO-FAMILY RESIDENTIAL DISTRICT TOWN, PARTIAL CONTROL DISTRICT

C CHARACTER, MAGAZINE STREET USE, SMALL MULTI-FAMILY

IN. LOT: NONE AX TOTAL FLOOR AREA: 5000 SF; GREATER REQUIRES CU AX BLDG HEIGHT: 40' / 3 STORIES IN PERMEABLE OPEN SPACE: 10% ONT YARD: 0' BUILD TO LINE REQ'D; EXCEPT WHERE ADJ. AVG IS GREATER THAN 5' DE YARD: NONE AR YARD: 15 FT ABUTTING A RESIDENTIAL DISTRICT ST FLOOR: RESTAURANT

COND FLOOR: RESIDENTIAL AR REQUIRES CONDITIONAL USE

FOOTAGE EXEMPTION; FIRST 5000 SF EXEMPT -SREET SPACES COUNT TOWARDS OFF STREET REQUIREMENTS

3. THE COMBINED SQUARE FOOTAGE OF ALL DETACHED ACCESSORY STRUCTURES LOCATED IN THE REQUIRED REAR YARD IS LIMITED TO

6. WHEN DETACHED ACCESSORY STRUCTURES ARE LOCATED WITHIN A REQUIRED YARD, STRUCTURES ARE LIMITED TO A MAXIMUM HEIGHT OF FOURTEEN (14) FEET, UNLESS OTHERWISE PERMITTED OR LIMITED BY THIS ORDINANCE...

7. DETACHED ACCESSORY STRUCTURES SHALL BE LOCATED A MINIMUM OF THREE (3) FEET FROM ANY LOT LINE, UNLESS OTHERWISE PERMITTED OR LIMITED BY THIS ORDINANCE. HOWEVER, IN THE HISTORIC CORE AND HISTORIC URBAN NEIGHBORHOOD DISTRICTS, A DETACHED ACCESSORY STRUCTURE MAY BE BUILT ON THE INTERIOR SIDE OR REAR LOT LINE PROVIDED THERE IS NO EXISTING STRUCTURE ON THE ADJOINING LOT LOCATED ON OR WITHIN THREE (3) FEET OF THE COMMON INTERIOR SIDE OR REAR LOT LINES. THE WALL OF THE ACCESSORY STRUCTURE BUILT ON A PROPERTY LINE SHALL MEET ALL STANDARDS OF THE FIRE CODE AND SHALL INCLUDE GUTTERS TO





HEREFORD EYES HUNGRY NOS

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OVERALL SITE PLAN



DEMO NOTES

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- LOCATE EXISTING UTILITY LINES INCLUDING: ELECTRICAL, SEWER, WATER, GAS, TELEPHONE, STEAM, FIBER OPTIC, ETC. NOTE THAT THE SITE AND PUBLIC PROPERTY CONTAINS UNDERGROUND UTILITY LINES. THE DRAWINGS SHOW DIAGRAMMATICALLY THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES WHERE INFORMATION IS AVAILABLE, BUT THE DRAWINGS ARE NOT EXACT AS TO THE QUANTITY, EXTENT, OR LOCATION. VERIFY IN FIELD PRIOR TO CONSTRUCTION OR DEMOLITION.
- EXERCISE CAUTION TO PROTECT EXISTING UNDERGROUND UTILITIES. RECORD LOCATION OF DISCONNECT AND 2. CAP AS NECESSARY, AND REPAIR DAMAGE TO EXISTING UTILITIES WHICH ARE ENCOUNTERED AS A RESULT OF WORK UNDER THIS CONTRACT.
- THE PROJECT REQUIRES DEMOLITION OF SOME AREAS OF EXISTING CONSTRUCTION. EXERCISE CAUTION TO 3. PROTECT ALL AREAS OF EXISTING CONSTRUCTION THAT ARE TO REMAIN AS PART OF THE FINAL CONSTRUCTION. REPAIR ANY AND ALL AREAS THAT ARE TO REMAIN AS PART OF THE FINAL CONSTRUCTION THAT ARE DAMAGED DURING THE DEMOLITION PROCESS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, 4. SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, DISTRICT, STATE, AND LOCAL REQUIREMENTS AND ORDINANCES.

Description

- REMOVE COLUMN WRAP AT COLUMNS TO REVEAL PIPE COLUMNS 5.
- REMOVE OLD BAR TOP; SALVAGE BRASS RAIL 6.

Note Number

REMOVE OLD TOILETS, PARTITIONS AND ALL TILE IN BATHROOMS 7.

> NEW MAIN BAR; RE: DETAIL TILED ENTRY MOSAIC

BACK BAR TO BE REPAINTED & MODIFIED

ENTIRE WALL TO BE TILED BY CONTRACTOR, OWNER TO PROVIDE TILE

SLOPED TREATED PINE CANOPY W/ COLORED POLYGAL ROOFING

ALL WALLS TO BE PAINTED UNLESS OTHERWISE NOTED

MODULAR, PORTABLE TUBE STEEL PLANTER

EXPOSED GAS METER W/ DECORATIVE ENCLOSURE

TUFTED WALL MOUNTED UPHOLSTRY BENCH SEAT W/ STORAGE BELOW

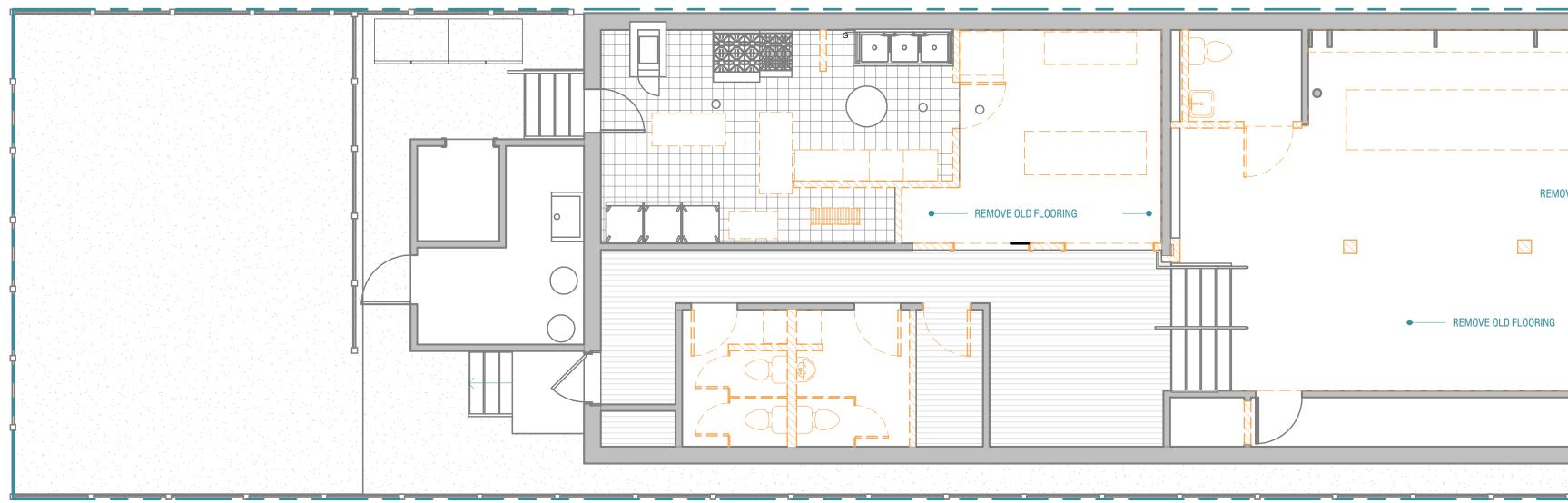
EXPOSED COLUMNS TO BE PAINTED

RE-BUILD STAIR CONFIRM 1 HOUR WALL

NEW SUB PANEL

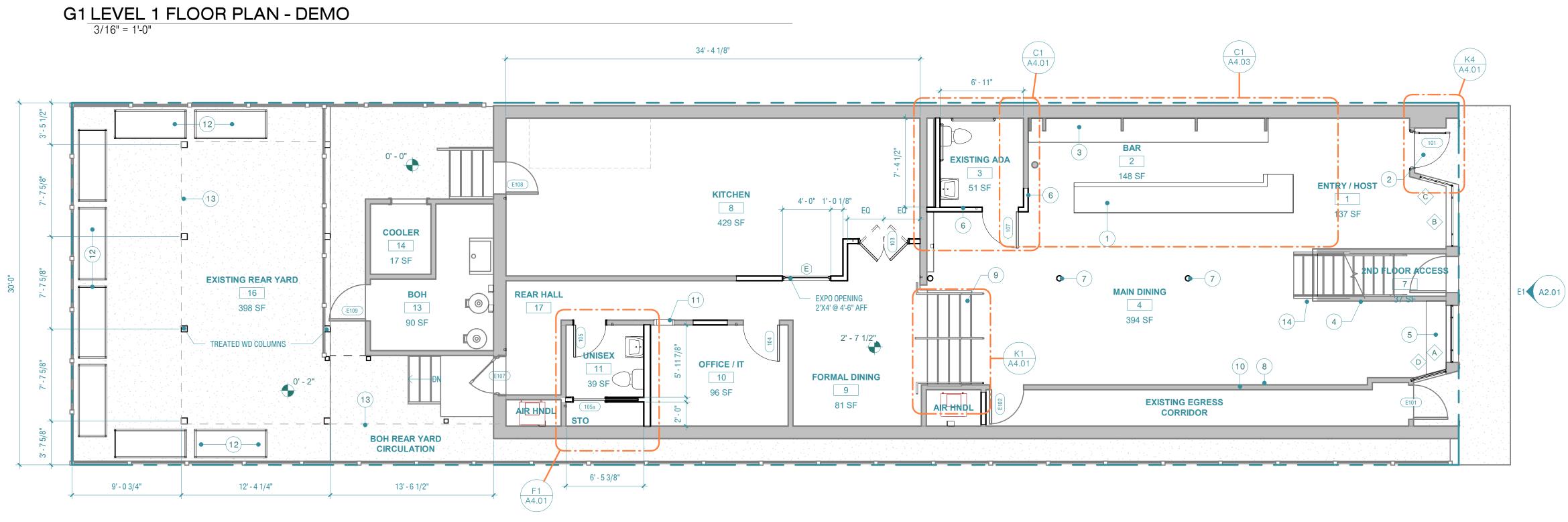
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C1 LEVEL 1 FLOOR PLAN - EXISTING 3/16" = 1'-0"



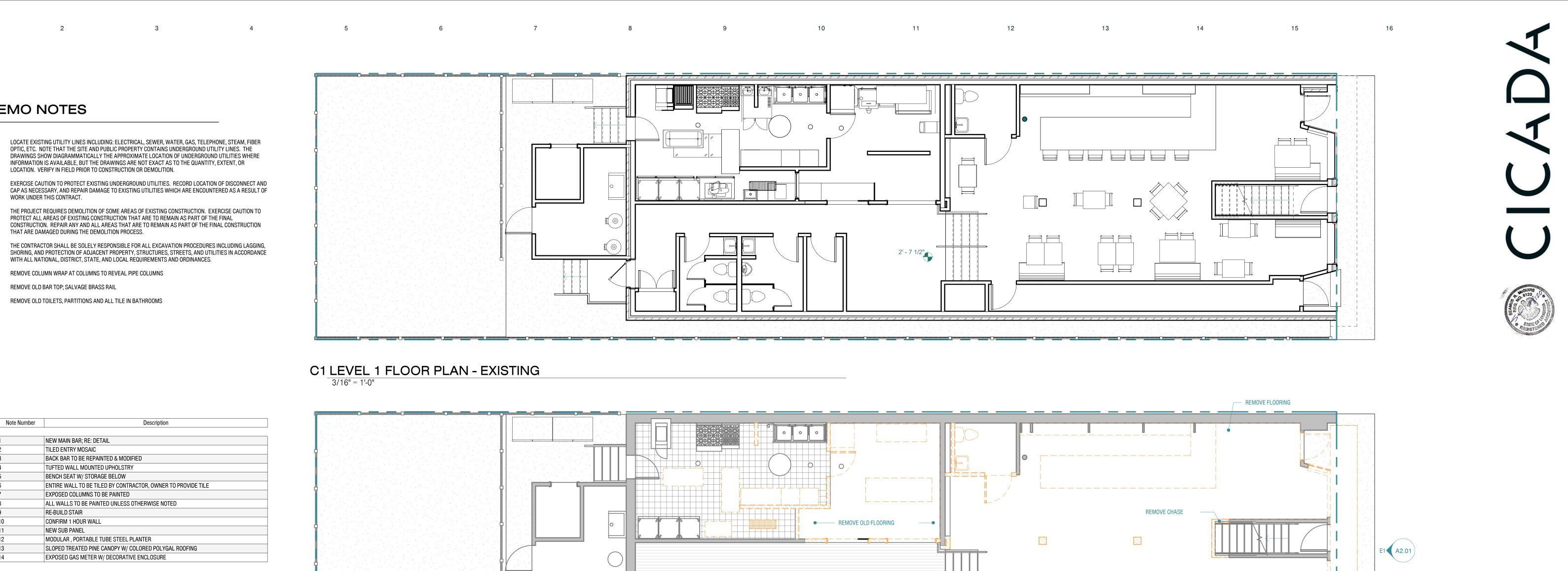
FINISH NOTES

- COLUMN WRAP TO BE REMOVED; EXPOSE AND PAINT COLUMNS; TYP.
- ALL FLOORING IN MAIN DINING & BAR TO BE SEALED CONCRETE.
- TOILET ROOMS TO RECEIVE 4X4" CERAMIC TILE, FLOOR TO CEILING TYP.
- ALL WALLS TO BE 2X4 FRAMING @ 16" O.C. UNLESS OTHERWISE NOTED
- ALL PLUMBING WALLS TO BE 2X6, TYP. 5.
- PROVIDE INSULATION AT ALL INTERIOR NEW WALLS 6.



L1 LEVEL 1 FLOOR PLAN - PROPOSED 3/16" = 1'-0"

8 9 10 11 12



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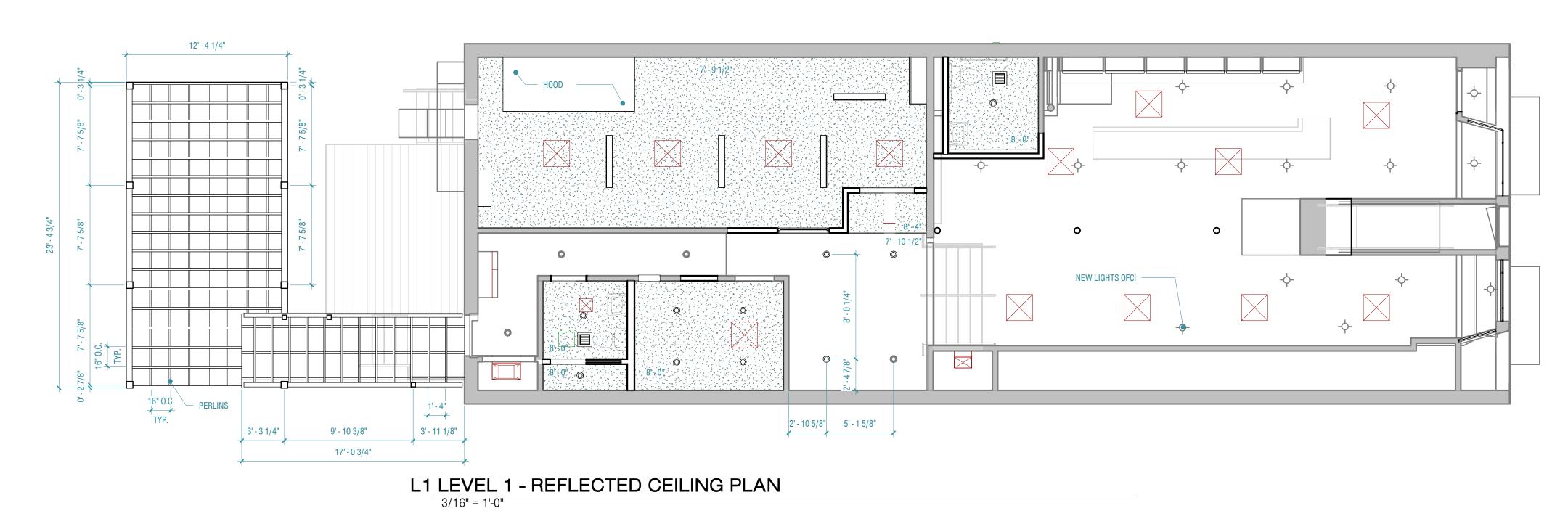
LEVEL 1 - DEMO / PROPOSED



- 1 2 3 4 5 6 7

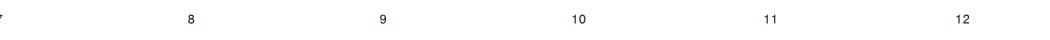
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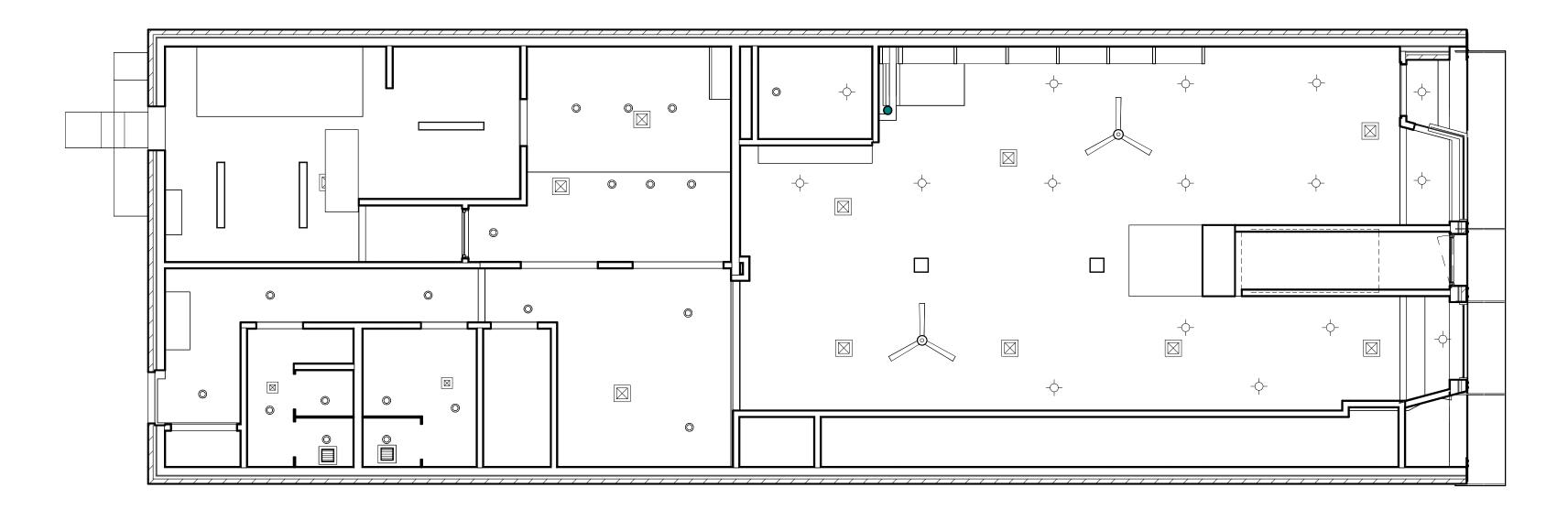
- F
- G
- ••
- - CEILING HEIGHT 1'-0" RECESSED CAN O ACT O GYPSUM BOARD O
 - VENT FAN
 - ** ALL NEW CEILING FIXTURES TO BE CENTERED; TYP AND ON AXIS



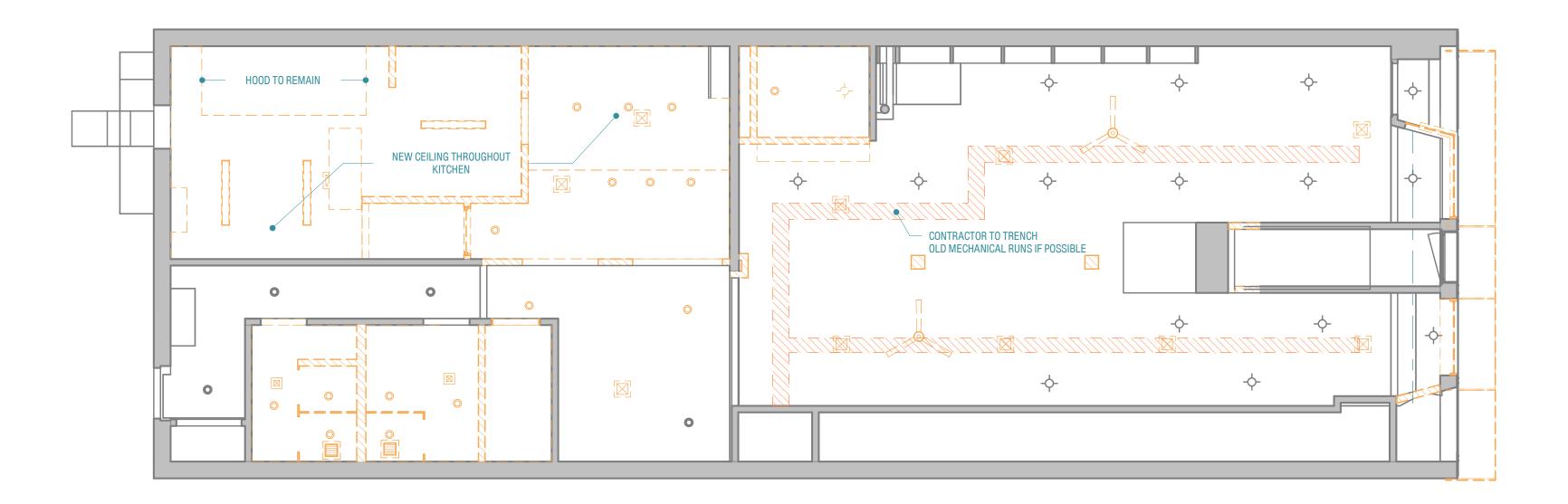
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C1 LEVEL 1 - EXISTING REFLECTED CEILING PLAN 3/16" = 1'-0"



G1 LEVEL 1 - DEMO REFLECTED CEILING PLAN

13 14 15 16



HUNGRY EYES MASON HEREFORD 4206 Magazine St.

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LEVEL 1 - RCP



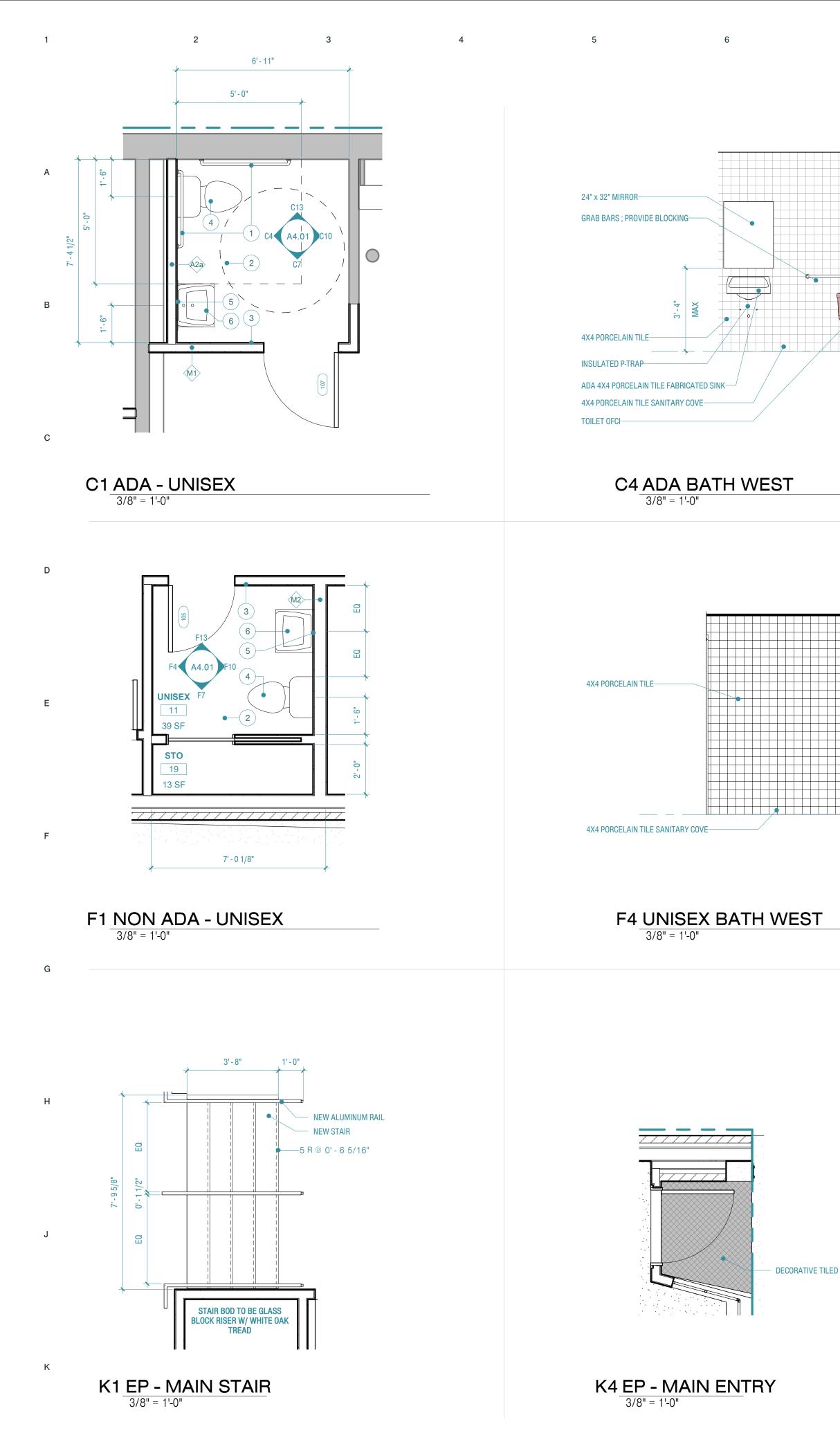


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PROJECT NO: 12019 PERMIT SET PHASE: ISSUED FOR: 9/20/2022 DATE:

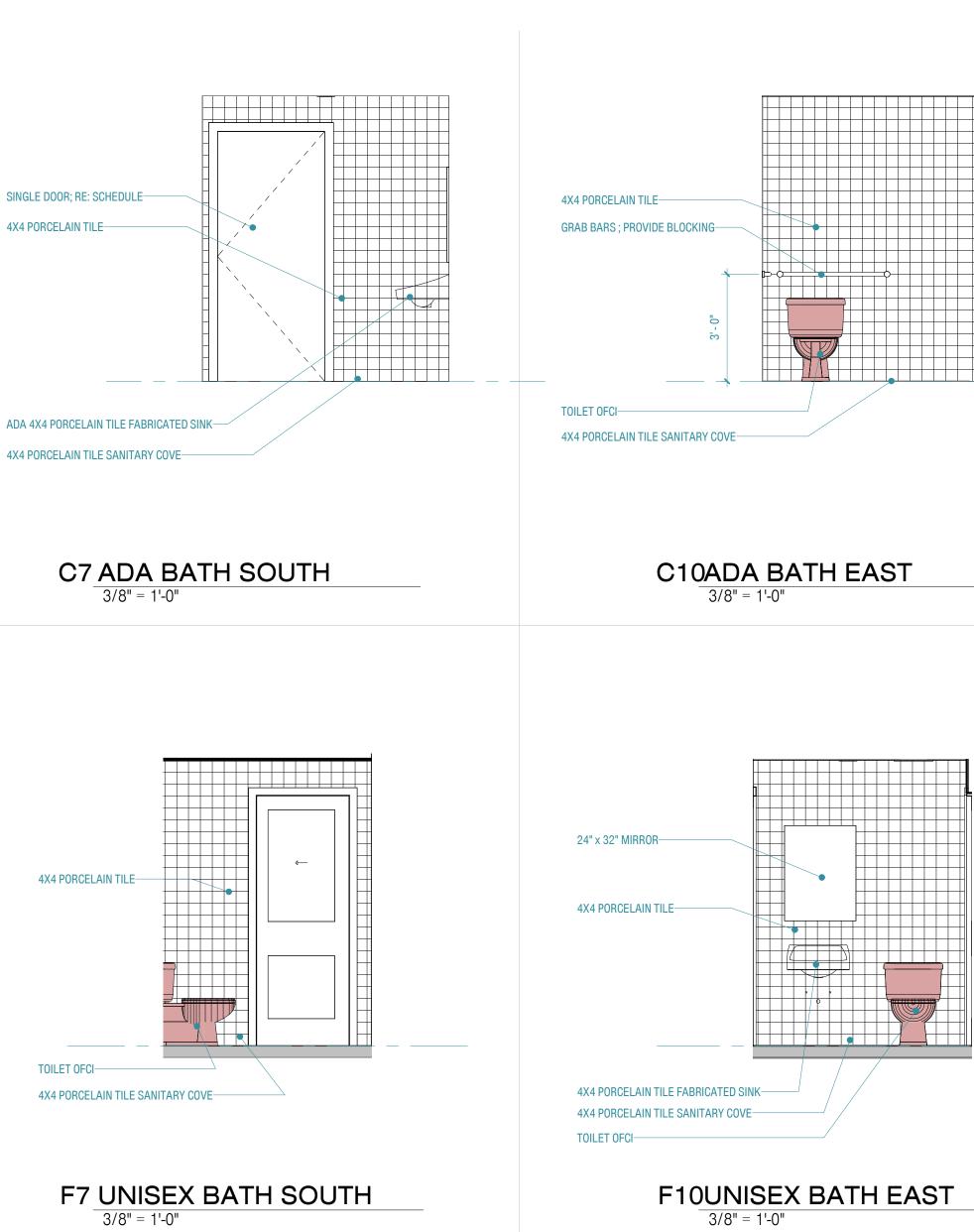
BUILDING ELEVATIONS - NORTH FACADE





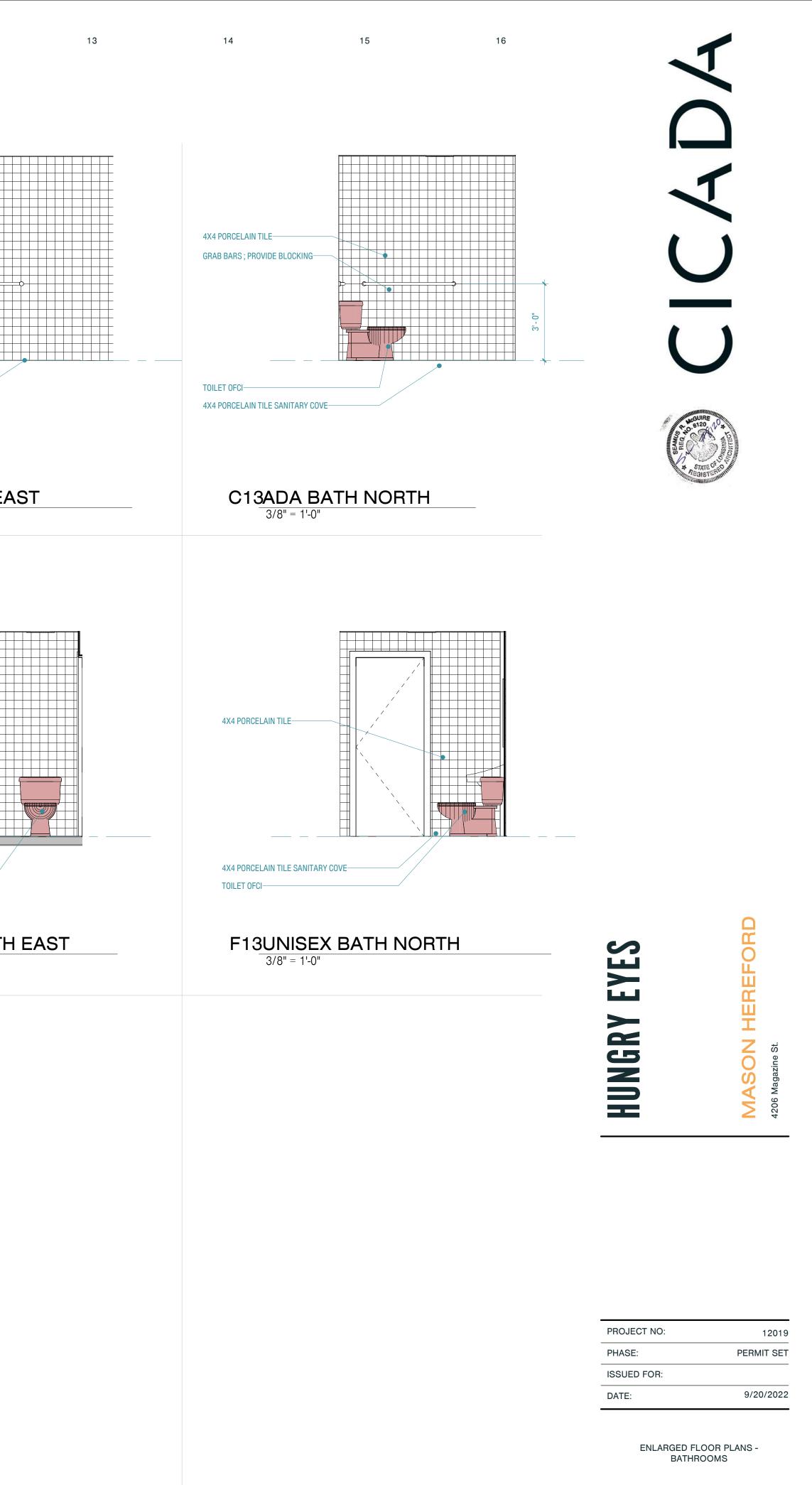
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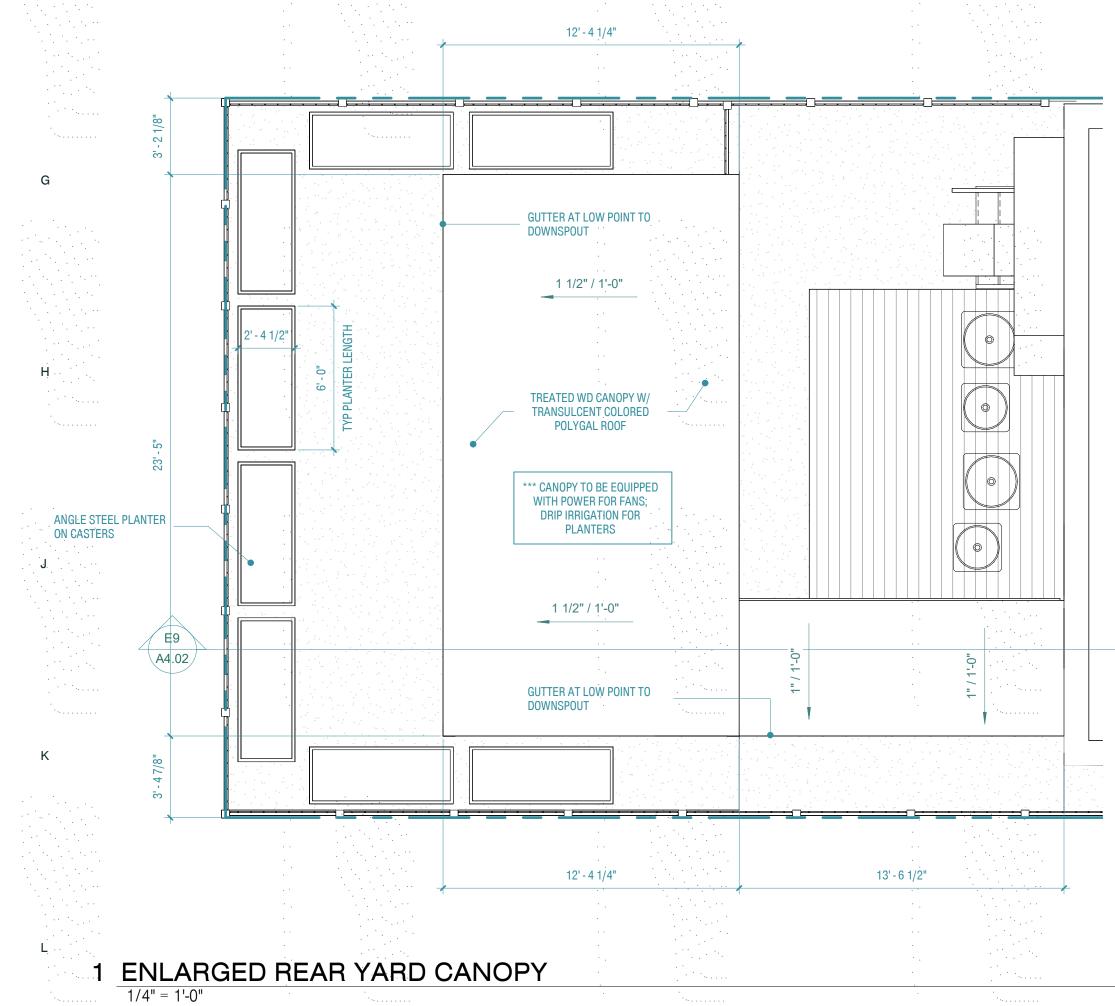


- DECORATIVE TILED STOOP









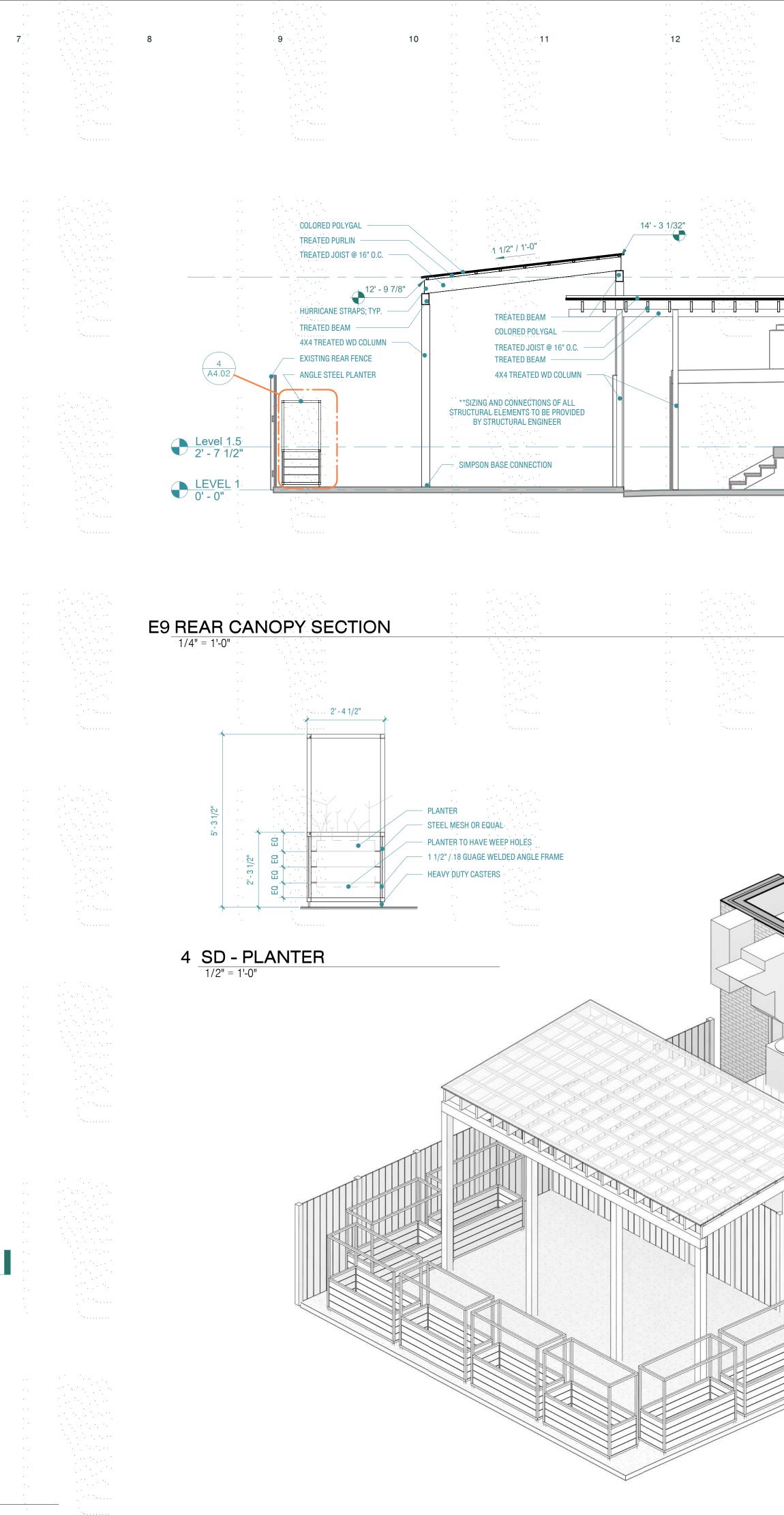
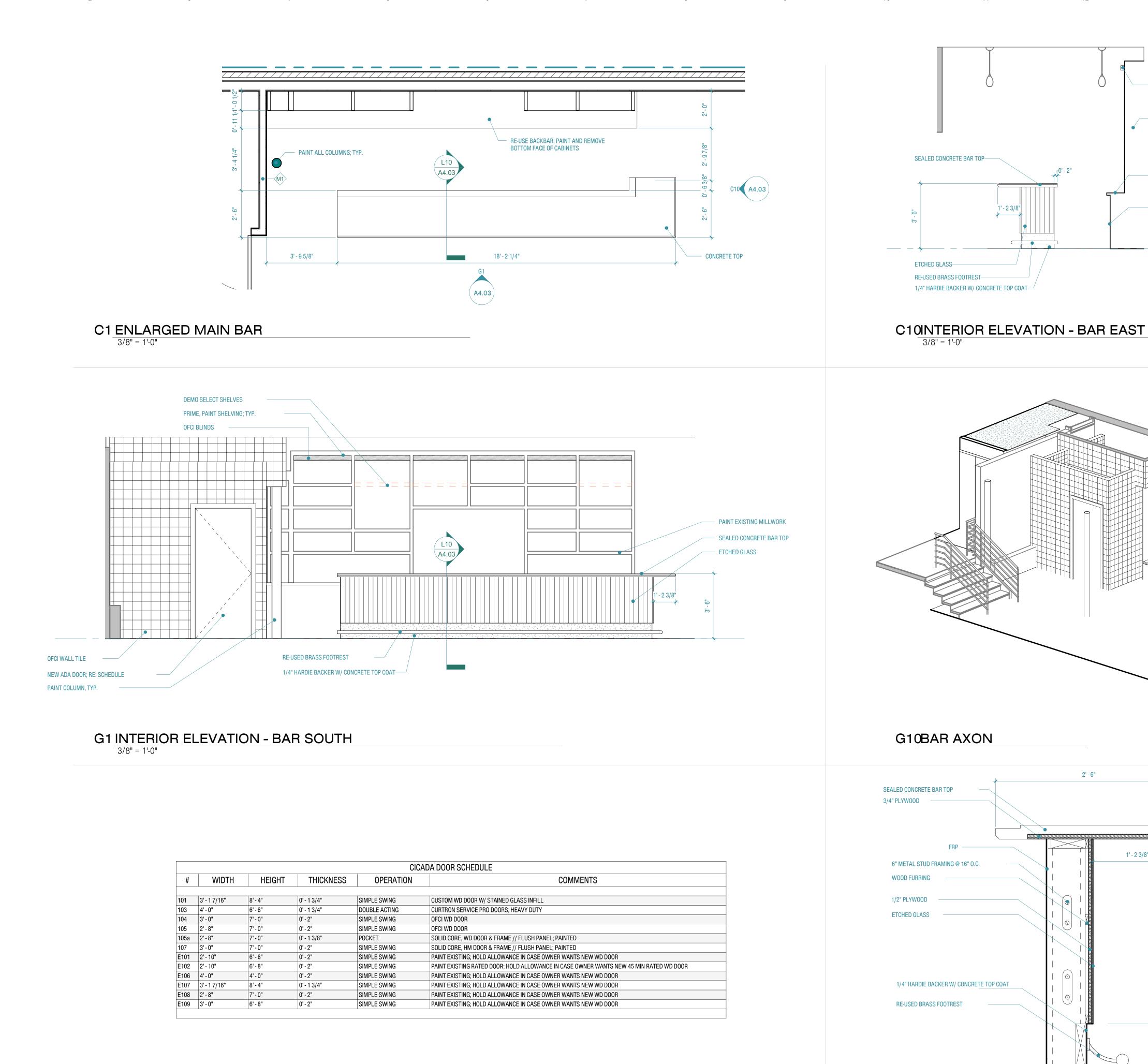
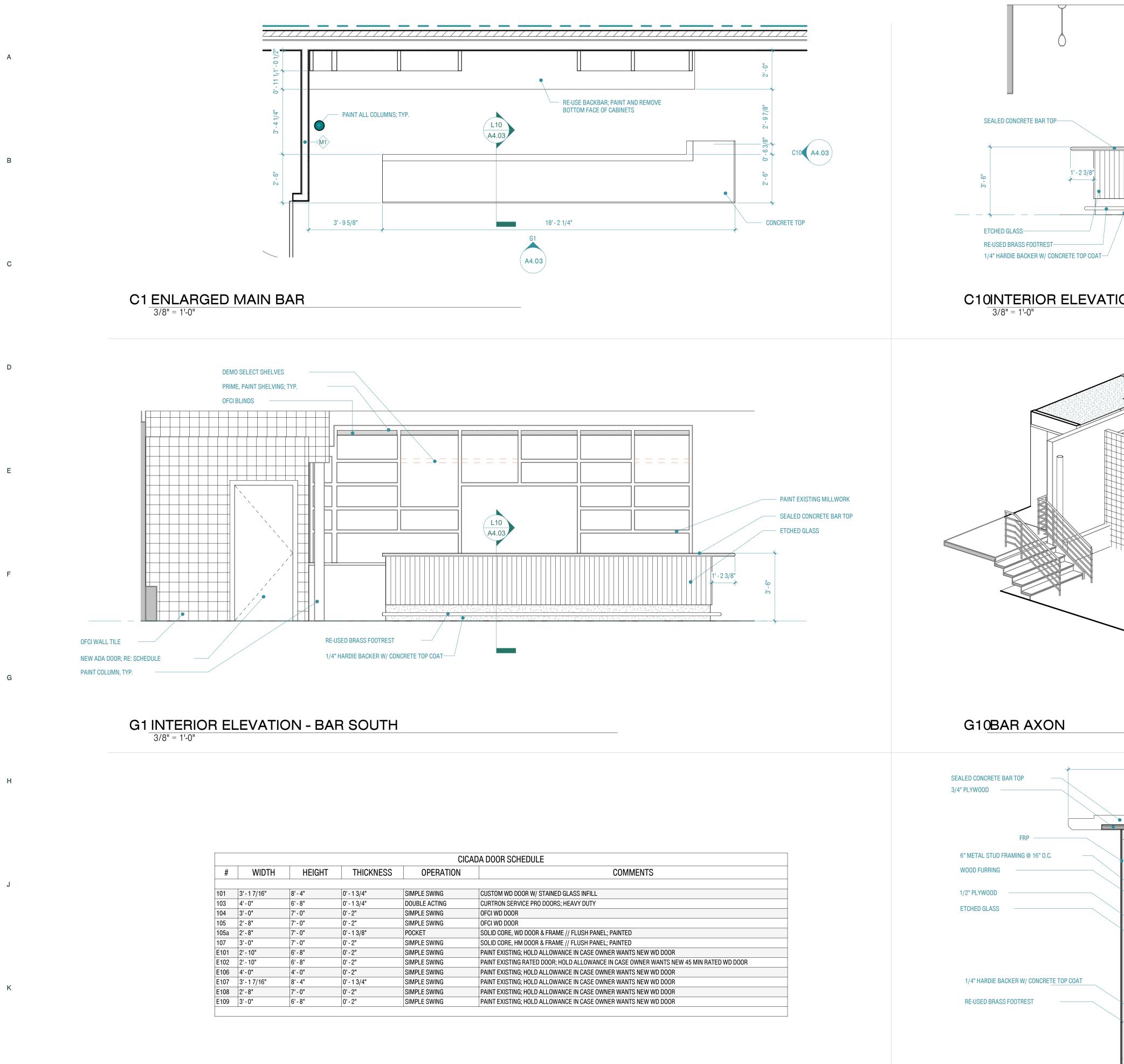


	Image: State of the state o	REAR STRUCTURE STAIR LAND AND AND AND AND AND		HORE BACK AND	PROJECT NO: PROJECT NO: PROJECT NO: PHASE: ISSUED FOR:	
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	· ·					
	LEVEL 2 13' - 0"					
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				CICA	ADA DOOR SCHEDULE
#	WIDTH	HEIGHT	THICKNESS	OPERATION	
101	3' - 1 7/16"	8' - 4"	0' - 1 3/4"	SIMPLE SWING	CUSTOM WD DOOR W/ STAINED GLASS INFILL
103	4' - 0"	6' - 8"	0' - 1 3/4"	DOUBLE ACTING	CURTRON SERVICE PRO DOORS; HEAVY DUTY
104	3' - 0"	7' - 0"	0' - 2"	SIMPLE SWING	OFCI WD DOOR
105	2'-8"	7' - 0"	0' - 2"	SIMPLE SWING	OFCI WD DOOR
105a	2'-8"	7' - 0"	0' - 1 3/8"	POCKET	SOLID CORE, WD DOOR & FRAME // FLUSH PAN
107	3' - 0"	7'-0"	0' - 2"	SIMPLE SWING	SOLID CORE, HM DOOR & FRAME // FLUSH PANE
E101	2' - 10"	6' - 8"	0' - 2"	SIMPLE SWING	PAINT EXISTING; HOLD ALLOWANCE IN CASE OV
E102	2' - 10"	6' - 8"	0' - 2"	SIMPLE SWING	PAINT EXISTING RATED DOOR; HOLD ALLOWANG
E106	4' - 0"	4' - 0"	0' - 2"	SIMPLE SWING	PAINT EXISTING; HOLD ALLOWANCE IN CASE 0
E107	3' - 1 7/16"	8' - 4"	0' - 1 3/4"	SIMPLE SWING	PAINT EXISTING; HOLD ALLOWANCE IN CASE OV
E108	2'-8"	7' - 0"	0' - 2"	SIMPLE SWING	PAINT EXISTING; HOLD ALLOWANCE IN CASE 0
E109	3' - 0"	6' - 8"	0' - 2"	SIMPLE SWING	PAINT EXISTING; HOLD ALLOWANCE IN CASE OV





2' - 6"

1' - 2 3/8"

/ PAINT SHELVING

BASE CABINETS





ENLARGED FLOOR PLANS - BACK BAR

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ISSUED FOR:	
DATE:	9/20/2022



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PAINT REAR BAR TOP REMOVE DOORS; PAINT

— BLINDS; OFCI

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MECHANICAL ABBREVIATIONS

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4 4	4							-	
CAP CAPCONTANT HORE VOUCENTAL BA CB CATCH MASH HORE VOUPER BEF CC COULING CONSERSATE HM HAND MASH BA CC COULING CONSERSATE HM HAND MASH BA CC COULING CONSERSATE DEVINI HM HORE VOUER BAPER BC CF CAP FOR FUTURE HMR HEATING WATER BEFURN BC CF CAP FOR FUTURE HMR HEATING WATER BEFURN BC CF CAP FOR FUTURE HMR HEATING WATER BUPLY BC CF CAP FOR FUTURE HMR HAND MASH BC CF COULING TANG BC HMR HAND MASH BC CON CONNERSING <		В	ACCU ACH ACY ADA AF AFF AFM AHJ AHU AMB AMP ANSI APD AO ASHRAE AV AUTO AVD BD BOD BOP BTUH C/A C/L	AIR COOLED CONDENSING UNIT AIR CHANGES PER HOUR ACETYLENE AMERICANS WITH DISABILITIES ACT AIR FILTER ABOVE FINISHED FLOOR AIR FLOW METER AUTHORITIES HAVING JURISDICTION AIR HANDLING UNIT AMBIENT AMPERE AMERICAN NATIONAL STANDARDS INSTITUTES AIR PRESSURE DROP AIR OUTLET AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR- CONDITIONING ENGINEERS AMERICAN SOCIETY OF MECHANICAL ENGINEERS AIR VENT AUTOMATIC AUTOMATIC AUTOMATIC VOLUME DAMPER BACKDRAFT DAMPER BOTTOM OF PIPE BRITISH THERMAL UNIT PER HOUR (BTU/H) COMPRESSED AIR CENTERLINE	G	FBC FBO FC FCO FCU FD FF FHC FHR FIN FLA FLA FLA FLA FLA FLA FLA FLA FLA FLA	FURNISHED BY CONTRACTOR FURNISHED BY OWNER FLEXIBLE CONNECTION FLOOR CLEANOUT FAN COIL UNIT FILTERED COLD WATER LINE FIRE DAMPER FINISHED FLOOR FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE RACK FINISHED FULL LOADS AMPS FLEXIBLE FLOOR FACTORY MUTUAL FINS PER INCH FEET PER MINUTE FIRE SMOKE DAMPER FEET FUTURE FACE VELOCITY GUAGE (GAGE) GALVANIZED GROUND GALLONS PER MINUTE GALLONS PER MINUTE GALLONS PER HOUR GATE VALVE HANDICAPPED HEATING COIL HIGH-EFFIENCY PARTICULATE AIR HEATING COIL(HOT WATER)	O P	NATL N/C NC NFPA NIC NK N/O NOM NTS O&M OA OC OD OS&Y OZ OZ P PC PCHR PCHS PD PHWR PHWS PRESS PROP PRV PSI PTAC PVC
DDCDIRECT DIGITAL CONTROLLFLINEAR FEETTPDIADIMENTERLFOLOUGHEID PETROLEUM GASTXDIFDIFUSERLALOCKED ROTOR AMPSTYPDIMDIMENSIONL-WLAWING LAVATORY (WALL)TYPDDASDEDICATED OUTSIDE AIR SYSTEMMMAXMAXIMUMUUDPDOASDEDICATED OUTSIDE AIR SYSTEMMCMOTORIZED DAMPERULUDPDOFFERENTIAL PRESSUREMCMOTORIZED DAMPERULUUDPONTROLD DAMPERUUUUUDPDOFFERENTIAL PRESSURE SWITCHMECH MICCAL RECTRICAL, PLUMBINGVVVDWDRVER EXHAUSTMERMECHANICAL LECTRICAL, PLUMBINGVVVDWDRVER EXHAUSTMERMECHANICAL ELECTRICAL, PLUMBINGVVVEEEAEXHAUST AIRWERVVAUVAUVAUEEEXHAUST FANMERMERVERCHOV TRUERVELEEEXHAUST FANMFRMERVERCHOV TRUERVELEEEXHAUST FANMPGMERVERAKAGE TYPE)VOJEEEXPANSION JOINTMVD-1MANUFACTURERVOJEEEEEMERVMANUFACTURERVOJEEEEEMERVMANUAL VOLUME DAMPERVOJEEEEEMERVMANUFACTURERWOE			CA CAP CB CC CD CFF CFH CFM CHR CHS CH CHS COND CONT CP CT CTR CTS CU CV	COMBUSTION AIR CAPACITY CATCH BASIN COOLING CONDENSATE CEILING DIFFUSER CONDENSATE DRAIN CAP FOR FUTURE CUBIC FEET PER HOUR CUBIC FEET PER MINUTE CHILLER CHILLED WATER RETURN CHILLED WATER SUPPLY CAST IRON CONDENSER CLEANOUT CONDENSING CONTINUED/CONTINUOUS CIRCULATING PUMP COOLING TOWER COOLING TOWER RETURN COOLING TOWER SUPPLY CUBIC CONTROL VALVE		HOA HORIZ HP HW HWB HWH HWR HWS HX HPG IAQ IAW IBC IBO ID IMB IN INV IRI KW KX	HAND-OFF-AUTO HORIZONTAL HORSEPOWER HAND WASH HOT WATER BOILER HOT WATER BOILER HOT WATER HEATER HEATING WATER RETURN HEATING WATER SUPPLY HEAT EXCHANGE HIGH PRESSURE GAS INDOOR AIR QUALITY IN ACCORDANCE WITH INSTALLED BY CONTRACTOR INSTALLED BY OWNER INSIDE DIAMETER ICE MAKER BOX INCHES INVERT INDUSTRIAL RISK INSURERS KILOWATT KITCHEN EXHAUST	S	RA REF RH RND RO RPM RTD SA SD SEER SF SH SHT SK SP SS TAB T&P TEMP TK TOD
ESPEXTERNAL STATIC PRESSUREWCOETEXPANSION TANKWFMEVAPEVAPORATORWGEWCELECTRIC WATER COOLERWMSEWHELECTRIC WATER HEATERWPWPDWPD			DDC DIA DIFF DIM DMPR DOAS DN DP DPR DPS DWG DX EA ECO EER EF EJ ELEC ELEV EMER EMR ENT EOM	DIRECT DIGITAL CONTROL DIAMETER DIFFUSER DIMENSION DAMPER DEDICATED OUTSIDE AIR SYSTEM DOWN DIFFERENTIAL PRESSURE CONTROL DAMPER DIFFERENTIAL PRESSURE SWITCH DRAWING DRYER EXHAUST EXHAUST AIR EXTERIOR CLEANOUT ENERGY EFFICIENCY RATIO EXHAUST FAN EXPANSION JOINT ELECTRICAL ELEVATION EMERGENCY ELEVATOR MACHINE ROOM ENTERING END OF MAIN DRIP	М	LBM LF LPG LRA L-W MAX MCA MCC MD MECH MER MERV MFR MIN MPG MVD-1 MVD-2	POUND-MASS LINEAR FEET LIQUEFIED PETROLEUM GAS LOCKED ROTOR AMPS LEAVING LAVATORY (WALL) MAXIMUM MINIMUM CURRENT AMPACITY MOTOR CONTROL CENTER MOTORIZED DAMPER MECHANICAL MECHANICAL, ELECTRICAL, PLUMBING MECHANICAL, ELECTRICAL, PLUMBING MECHANICAL, ELECTRICAL, PLUMBING MECHANICAL, ELECTRICAL, PLUMBING MECHANICAL ROOM MINIMUM EFFICIENCY REPORTING VALUE MANUFACTURER MINIMUM MEDIUM PRESSURE GAS MANUAL VOLUME DAMPER (LOW LEAKAGE TYPE) MANUAL VOLUME DAMPER	v	TOP TP TX TXF TYP UG UH UL UR V VAC VAV VD VEL VERT VFD VI VOJ W/ W/O W WB
Y YH			ESP ET EVAP EWC	EXTERNAL STATIC PRESSURE EXPANSION TANK EVAPORATOR ELECTRIC WATER COOLER				Y	WCO WFM WG WMS WP WPD

2

3

4

NITROGEN NATL NATURAL N/C NORMALLY CLOSED NOISE CRITERIA NC NATIONAL FIRE PROTECTION NFPA ASSOCIATION NOT IN CONTACT NIC NECK N/O NORMALLY OPEN NOM NOMINAL NTS NOT TO SCALE

7

O O&M OPERATION AND MAINTENANCE OA OUTSIDE AIR 00 ON CENTER OD OUTSIDE DIAMETER OS&Y OUTSIDE STEM & YOKE OXY OXYGEN ΟZ OUNCES

PLUMB PUMPED CONDENSATE PCHR PRIMARY CHILLED WATER RETURN PCHS PRIMARY SHILLED WATER SUPPLY PD PRESSURE DROP PHWR PRIMARY HOT WATER RETURN PHWS PRIMARY HOT WATER SUPPLY PRESS PRESSURE PROP PROPELLER PRV PRESSURE REDUCING VAVLE POUNDS PER SQUARE INCH PSI PTAC PACKAGED TERMINAL A/C

RELIEF **RETURN AIR** REFERENCE RELATIVE HUMIDITY ROUND REVERSE OSMOSIS REVOLUTIONS PER MINUTE RTD ROOFTOP UNIT

PVC POLYVINYL CHLORIDE

SUPPLY AIR SMOKE DAMPER SD SEASONAL ENERGY EFFICIENCY SEER RATIO SUPPLY FAN SH SHOWER

SHT SHEET SK SINK SPEC SP SS SERVICE SINK T TAB TESTING AND BALANCING T&P

TEMPERATURE AND PRESSURE TEMP TEMPERATURE TANK TOP OF DUCT TOP OF PIPE TOTAL PRESSURE TOILET EXHAUST TOILET EXHAUST FAN TYP TYPICAL

> UNDERGROUND UNIT HEATER UNDERWRITERS LISTED URINAL

VENT VAC VACUUM VENTILATION VARIABLE AIR VOLUME VAV VOLUME DAMPER VEL VELOCITY VERT VERTICAL VFD VARIABLE FREQUENCY DRIVE VIBRATION ISOLATOR

VOJ VERIFY ON JOB WITH WITHOUT W/O WATER WET BULB

WATER COLUMN WC WCO WALL CLEANOUT WFM WATER FLOW METER WG WATER GUAGE WMS WIRE MESH SCREEN WATER PURRIFIER WP WPD WATER PRESSURE DROP

Y YH YARD HYDRANT

GENERAL MECHANICAL NOTES

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11

1. ALL WORK SHALL COMPLY WITH THE LATEST STATE AND CITY CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

9

- A. INTERNATIONAL MECHANICAL CODE
- B. INTERNATIONAL PLUMBING CODE C. INTERNATIONAL BUILDING CODE
- D. ANSI/ASHRAE/IESNA 90.1 E. NFPA 90A
- F. NFPA 90B

<u>GENERAL:</u>

8

- G. NFPA 70 H. ALL REQUIREMENTS OF THE STATE FIRE MARSHAL
- I. ALL REQUIREMENTS OF THE INSURING AGENCY
- J. ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- 2. PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICTED ON THE DRAWINGS, AS SPECIFIED, AND AS REQUIRED BY CODE.

3. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH SITE CONDITIONS, EXISTING CONDITIONS, AND WITH WORK OF ALL OTHER TRADES.

4. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT SCOPE AND CONSTRAINTS, UTILITY CONNECTIONS, AND ALL BUILDING SERVICES PRIOR TO SUBMITTING BID.

5. ALL THERMOSTATS, HUMIDISTATS, OCCUPANCY SENSORS, AND CARBON DIOXIDE SENSORS SHALL BE LOCATED ON THE NEAREST WALL TO LOCATION INDICATED. UNLESS OTHERWISE SHOWN, LOCATE ALL ROOM THERMOSTATS AND HUMIDISTATS 4'-0" (CENTERLINE) ABOVE THE FINISHED FLOOR.

6. EQUIPMENT SHOWN ON THE PLANS AND ELEVATIONS ILLUSTRATE THE GENERAL ARRANGEMENT AND SPACE ALLOCATIONS. THE CONTRACTOR SHALL VERIFY THE SPACE REQUIREMENTS FOR EACH SYSTEM COMPONENT USING MANUFACTURER'S CERTIFIED SHOP DRAWINGS AND MAKE THE NECESSARY ADJUSTMENTS IN EQUIPMENT PLACEMENT AND CONNECTION IN ORDER TO ACCOMMODATE THE EXACT EQUIPMENT TO BE INSTALLED. CONTRACTOR SHALL LOCATE EQUIPMENT FOR READY AND SAFE ACCESS FOR FUTURE MAINTENANCE AND REPAIRS.

7. INSTALL SUPPLY DUCT MOUNTED SMOKE DETECTORS AT AIR HANDLING UNITS WITH A CAPACITY GREATER THAN 2000 CFM. DEVICES SHALL BE WIRED BY THE FIRE ALARM CONTRACTOR.

8. CONTRACTOR SHALL COORDINATE WITH ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE.

9. COORDINATE ANY DEVICE REQUIRING AN ACCESS PANEL WITH THE ARCHITECT.

10. IN MECHANICAL ROOMS, MAINTAIN A MINIMUM 7'-3" VERTICAL CLEARANCE TO OVERHEAD EQUIPMENT, PIPING, DUCTWORK, AND CONDUIT OVER AISLES AND WALKWAYS.

11. CONTRACTOR SHALL PROVIDE MINIMUM 4-INCH DEEP CONCRETE HOUSEKEEPING PADS BENEATH FLOOR-MOUNTED AIR HANDLING UNITS, PUMPS, WATER HEATERS, AND GRADE-MOUNTED CONDENSING UNITS. PAD SHALL EXTEND MINIMUM 4-INCHES BEYOND EDGE OF EQUIPMENT ON ALL SIDES.

12. SUPPORTS, ANCHOR BOLTS, AND HANGERS FOR ALL EQUIPMENT SPECIFIED IN DIVISION 15 OR 23 SHALL CONFORM TO THE SPECIFICATIONS. MISCELLANEOUS STEEL BRACING SUPPORTS AND REINFORCING STEEL NEEDED TO SUPPORT EQUIPMENT SPECIFIED IN DIVISION 15 OR 23 SHALL BE FURNISHED AS PART OF SCOPE OF WORK OF DIVISION 15 OR 23.

13. ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, AND PARTITIONS MUST BE INSTALLED AND FIRESAFED TO MEET UL FIRE RESISTANCE LISTING DETAILS FOR THE PENETRATION.

14. SMOKE DETECTORS SHALL BE LOCATED AS INDICATED ON THE MECHANICAL PLANS AND IN CONFORMANCE WITH NFPA 90A, NFPA 72, INTERNATIONAL MECHANICAL CODE AND ALL OTHER REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.

DUCTWORK:

15. UNLESS OTHERWISE NOTED, ALL DUCTWORK IS OVERHEAD, TIGHT TO THE UNDERSIDE OF THE STRUCTURE, WITH SPACE FOR INSULATION IF REQUIRED.

16. ITEMS SUCH AS OFFSETS IN DUCTWORK, ACCESS DOORS, AND VOLUME DAMPERS ARE INDICATED ON THE CONTRACT DOCUMENTS FOR CLARITY AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS.

17. CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF DUCTWORK BEFORE FABRICATION BEGINS, AS DUCT OFFSETS MAY BE NECESSARY DUE TO FIELD CONDITIONS.

18. FLEXIBLE DUCTWORK RUNS SHALL BE LIMITED TO 5'-0".

19. ALL SUPPLY AIR DUCTWORK SHALL BE INSULATED WITH 1-1/2" MINERAL-FIBER DUCT INSULATION.

20. ALL DUCTWORK DIMENSIONS, AS SHOWN ON DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS AND DUCT SIZE SHALL BE INCREASED TO COMPENSATE FOR DUCT LINING THICKNESS.

21. SEALANT SHALL BE APPLIED TO LONGITUDINAL SEAMS IN THE SHOP DURING FABRICATION. FIELD APPLY SEALANT TO TRANSVERSE SEAMS AND CONNECTIONS TO BRANCH WORK AND AIR OUTLETS.

22. RADIUS ELBOWS SHALL BE USED IN ALL DUCT OFFSETS (HORIZONTAL OR VERTICAL). MITERED ELBOWS WITHOUT TURNING VANES ARE NOT ACCEPTABLE.

23. PROVIDE ACCESS DOORS IN DUCTWORK FOR THE OPERATION, ADJUSTMENT, AND MAINTENANCE OF ALL FANS, DAMPERS, AND MECHANICAL EQUIPMENT AS REQUIRED.

24. PROVIDE VOLUME DAMPERS AT ALL DUCT BRANCHES, AND TAKE-OFFS. VOLUME DAMPERS IN BRANCH DUCTS SHALL BE LOCATED AS FAR AS POSSIBLE FROM AIR OUTLET OR INLET TO REDUCE NOISE AND TURBULENCE. DO NOT INSTALL DAMPERS AT REGISTERS OR DIFFUSERS.

25. ALL VOLUME DAMPERS IN INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED.

26. PROVIDE WIRE MESH SCREENS OVER ALL OPEN ENDED DUCTS.

27. CEILING DIFFUSERS, REGISTERS, AND GRILLES SHALL BE LOCATED AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN. DIFFUSERS, REGISTERS AND GRILLES SHALL BE FURNISHED WITH MOUNTING FRAMES AND FEATURES IN ACCORDANCE WITH THE CEILING TYPE.

28. AIR INTAKES SHALL BE MINIMUM 10 FEET FROM ALL EXHAUST FAN OUTLETS AND PLUMBING VENTS THROUGH ROOF.

29. FIRE DAMPERS AND FIRE/SMOKE DAMPERS SHALL BE INSTALLED IN ALL DUCTWORK PENETRATIONS THROUGH FIRE-RATED WALLS OR FLOORS AND THROUGH FIRE/SMOKE-RATED WALLS OR FLOORS, RESPECTIVELY. DAMPERS SHALL MEET THE REQUIREMENTS OF THE FIRE OR FIRE/SMOKE WALL OR FLOOR RATING AND SHALL BE UL-LISTED. REFER TO ARCHITECTURAL DRAWINGS FOR THE LOCATIONS OF ALL FIRE-RATED AND FIRE/SMOKE-RATED WALLS OR FLOORS.

30. ALL TRANSFER DUCTS SHALL BE SIZED AT A MAXIMUM OF 500 FPM. PROVIDE 1" ACOUSTICAL LINING.

31. ALL BRANCH DUCTWORK SHALL HAVE A BALANCING DAMPER INSTALLER, UNLESS OTHERWISE NOTED.

PIPING:

32. PIPING CONNECTIONS TO AIR HANDLING UNIT COILS AND MAJOR EQUIPMENT SHALL BE FABRICATED WITH ISOLATION VALVES, FLANGES, AND/OR UNIONS POSITIONED TO ALLOW REMOVAL AND SERVICE OF THE COMPONENT PARTS.

33. CONDENSATE DRAIN DISCHARGE PIPING FROM AIR HANDLING UNITS SHALL BE ROUTED TO AND DISCHARGED AT NEAREST FLOOR DRAIN. IF UNABLE TO FLOW CONDENSATE BY GRAVITY TO NEAREST FLOOR DRAIN, PROVIDE CONDENSATE PUMP AND ROUTE CONDENSATE PIPING OVERHEAD TO NEAREST FLOOR DRAIN OR MOP BASIN.

34. A TENANT VALVE TAG CHART AND SCHEDULE FOR THE PLUMBING PIPING AND THE HVAC PIPING ARE TO BE SUBMITTED TO THE BUILDING OFFICE.

35. ALL PIPING SYSTEMS SHALL BE ADEQUATELY SUPPORTED FROM STRUCTURE AND BE PROVIDED WITH IDENTIFICATION LABELS EVERY 20 FEET.

1S1 1R100 1E100 \searrow 1<u>S100</u> 1R10 \square \square \ge \mathbb{A} _____FHC FHC DG <u>NAME</u> -----١Ċ <u>CV-#</u> —___ ١Ċ <u>VAV-AHU</u> — UC -<u>VAV-#</u> _____ чC <u>VAV-CC-#</u> — UC. <u>CV-CC-#</u> — . ||____ [M] MVD 24x12 OR 8Ø _____ \bigcirc

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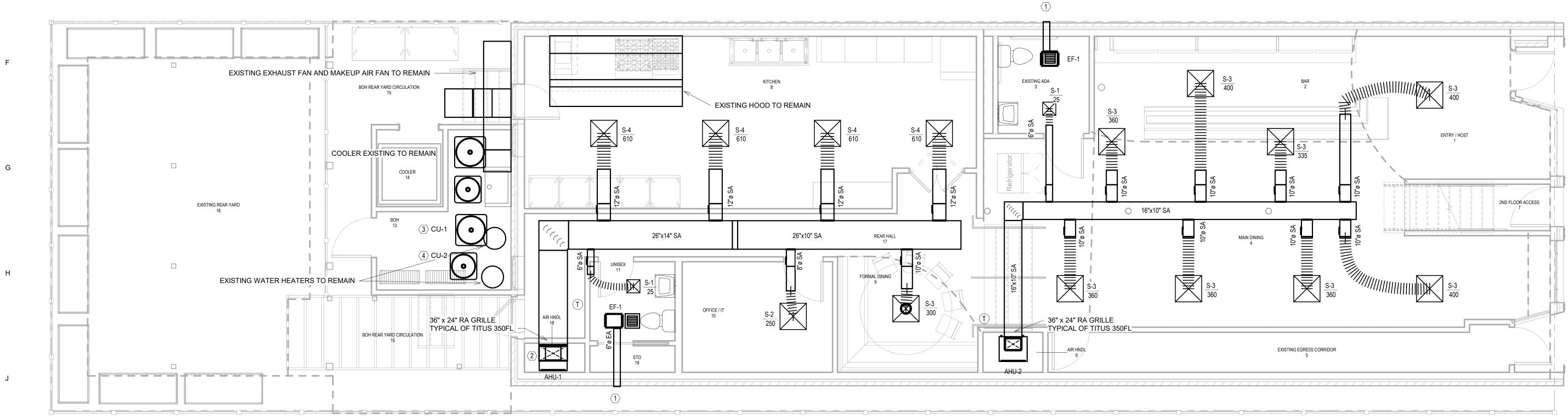
	MECHANIC	AL LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SUPPLY DIFFUSER AND AIR QUANTITY.	AD-	DUCT ACCESS DOOR
	(SHADED AREA INDICATES NO THROW IN THIS DIRECTION) (24x24 FACE)		RISE OR DROP IN ELEVATION
			SPLITTER WITH SPLIT SIZES SHOWN
1R100	RETURN AIR GRILLE AND AIR QUANTITY. (24x24 FACE)		SQUARE THROAT ELBOWS WITH TURNING VANES
1E100	EXHAUST GRILLE AND AIR QUANTITY. (24x24 FACE)		RADIUS ELBOW
1S00	LAMINAR FLOW SUPPLY DIFFUSER AND AIR QUANTITY. (24x24 FACE)		TRANSITION
<u> </u>	LINEAR DIFFUSER AND AIR QUANTITY. (24x24 FACE)		
1R100 1E100	SUPPLY, RETURN AND EXHAUST GRILLE (12x12 FACE)		BRANCH DUCT CONNECTION, STRAIGHT TEE AND ROUND TRUNK.
	EXHAUST DUCT DOWN		BRANCH DUCT CONNECTION, CONICAL TEE AND ROUND TRUNK.
	EXHAUST DUCT UP		
			REHEAT COIL WITH IDENTIFICATION
	SUPPLY DUCT DOWN		FLEXIBLE DUCT (MAX. 5'-0")
			DUCT-MOUNTED FIRE DAMPER
	RETURN AIR DUCT WITH SOUND BOOT		
FHC	SURFACED MOUNTED FIRE HOSE CABINET		DUCT-MOUNTED SMOKE DAMPER
	DOOR GRILLE		
	UNDERCUT AT DOOR		DUCT-MOUNTED FIRE/SMOKE DAMPER
	EXISTING EQUIPMENT TO REMAIN		DUCT-MOUNTED SMOKE DETECTOR
	EXISTING EQUIPMENT TO BE REMOVED		
⊑ ─┐ ┫▁┣	NEW EQUIPMENT WITH IDENTIFICATION	X ₩	THERMOSTAT & SYSTEM DESIGNATION
"	TERMINAL BOX WITH IDENTIFICATION	(13)	TEMPERATURE SENSOR
	NUMBER, CONSTANT AIR VOLUME, AIRFLOW SETTINGS.	(HS)	RELATIVE HUMIDITY SENSOR
"	TERMINAL BOX WITH IDENTIFICATION	(P)	PRESSURE SENSOR
	ASSOCIATED AHU, ASSOCIATED ROOM #, TOTAL AIRFLOW SETTINGS.	СНS	CHILLED WATER SUPPLY
"	TERMINAL BOX WITH IDENTIFICATION	— — CHR — —	CHILLED WATER RETURN
	MINIMUM AND MAXIMUM AIRFLOW SETTINGS.	HWS	HOT WATER SUPPLY
<u> </u>	TERMINAL BOX WITH IDENTIFICATION	HWR	HOT WATER RETURN
	NUMBER, VARIABLE AIR VOLUME, COOLING ONLY, MINIMUM AND MAXIMUM AIRFLOW SETTINGS.	CWS	CONDENSER WATER SUPPLY
<u> </u>	TERMINAL BOX WITH IDENTIFICATION	CWR	CONDENSER WATER RETURN
	NUMBER, CONSTANT AIR VOLUME, COOLING ONLY, AIRFLOW SETTINGS.	LPS	LOW PRESSURE STEAM
		MPS	MEDIUM PRESSURE STEAM
SRV-#	SUPPLY AIR ROOF VENT OR FAN	FOS	FUEL OIL SUPPLY
		FOR	FUEL OIL RETURN
ERV-#	EXHAUST AIR ROOF VENT OR FAN	RS	REFRIGERANT SUCTION
		RL	REFRIGERANT LIQUID
	LOUVERED ROOF VENT	RD	REFRIGERANT DISCHARGE
R	SPIN-IN VOLUME DAMPER		REFRIGERANT HOT GAS BYPASS
┌─┤ ───	MOTORIZED DAMPER	LPC	LOW PRESSURE CONDENSATE
[] [́ <u>M</u>]			PUMPED CONDENSATE RETURN
	MANUAL VOLUME DAMPER		PUMP
		o	ELBOW UP
2 <u>24x12</u>	RIGID DUCTWORK AND SIZE. DIMENSIONS ARE INSIDE CLEAR	G	ELBOW DOWN
			BRANCH PIPE CONNECTION
	DUCT TEE WITH SPLITTER DAMPER		TEE-OUTLET DOWN TEE-OUTLET UP
<u></u> [1] Tor I	BRANCH DUCT CONNECTION,		PIPE REDUCER
	RECTANGULAR OR ROUND BRANCH WITH MANUAL VOLUME DAMPER AND RECTANGULAR TRUNK.		GATE VALVE
	SPLITTER WITH SPLIT SIZES SHOWN		DUCT WITH INTERNAL LINER, DUCT SIZE SHOWN ON PLANS ARE INSIDE CLEAR DIMENSIONS
	POINT OF CONNECTION, NEW TO EXISTING		POINT OF DEMOLITION
\checkmark			L

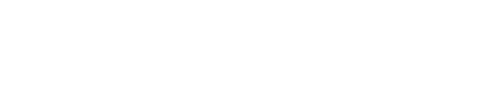
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PROJECT NO:	12019
PHASE:	75% CD
ISSUED FOR:	
DATE	8/26/2022

MECHANICAL NOTES AND LEGENDS

















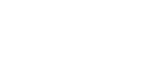


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KEYED PLAN NOTES: (1) TERMINATE DUCT AT EXTERIOR OF BUILDING. PROVIDE 6" WALL CAP AND WATERPROOF.

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 $\langle 2 \rangle$ REPLACE EXISTING AIR HANDLING UNIT WITH AHU-1.

 $\langle 3 \rangle$ REPLACE EXISTING CONDENSING UNIT WITH CU-1.

 $\langle 4 \rangle$ NEW CONDENSING UNIT CU-2 ON SHED ROOF.

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GENERAL PLAN NOTES:

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A. THESE PLANS ARE DIAGRAMMATIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW SERVICES TO FIT ACTUAL JOB CONDITIONS.

16

- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN PIPING AND DUCTWORK ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE MECHANICAL WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING GRID ROOM LAYOUTS AND COORDINATE ALL GRILLES, REGISTERS, AND DIFFUSERS WITH CORRESPONDING REFLECTED CEILING PLANS.
- F. THERMOSTATS SHALL BE MOUNTED AT 48" A.F.F., UNLESS OTHERWISE NOTED.
- G. ALL BRANCH DUCTWORK SHALL HAVE A BALANCING DAMPER INSTALLER, UNLESS OTHERWISE NOTED.

1 MECHANICAL PLAN - LEVEL 1 M101 1/4" = 1'-0"





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ORD REF Ш Т MASON

PROJECT NO: 12019 PHASE: 75% CD

MECHANICAL PLAN

PHASE:	75% CI
ISSUED FOR:	
DATE	8/26/202

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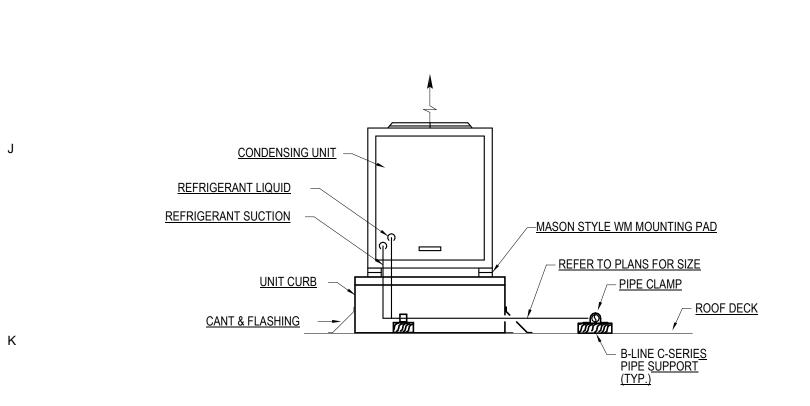
			0	UTDOOR (CONDE	ENSI	NG UN	IT SC	HEDULE			
			COOLING ELECTRICAL									
MARK	TONS OF COOLING	REFRIGERANT	SEER	CAPACITY (BTUH)	AMBIENT(°F)	MCA	МОСР	VOLTAGE / PHASE	MANUFACTURER	MODEL	WEIGHT (LBS)	REMARKS
CU-1	7.5	R-410A	14	90,000	95	39.2	60	240/1	DAIKIN	DXITA0903	145	1
CU-2	7.5	R-410A	14	90,000	95	39.2	60	240/1	DAIKIN	DXITA0903	145	1

1. FURNISH WITH FIELD INSTALLED DRIER, FIELD INSTALLED SIGHT GLASS, SERVICE VALVES, SUCTION LINE ACCUMULATOR, HIGH PRESSURE SWITCH, START KIT, CYCLE PI

				IN	DOOR	R AIR	HAN	DLIN	GU	NIT S	CHEDL	JLE
	INDOOR FAN COOLING CAPACITY HEATING CAPACITY		ITY									
MARK	CFM	ESP	MOTOR (BHP)	BTUH	LDB/LWB (°F)	KW	STAGES	EAT/LAT (°F)	MCA	МОСР	VOLTAGE / PHASE	MANUFACT
AHU-1	3,000	0.75"	2	90,000	55/54	20	2	30/70	59.6	60	240/1	DAIKII
AHU-2	3,000	0.75"	2	90,000	55/54	20	2	30/70	59.6	60	240/1	DAIKI

REMARKS: 1. FURNISH WITH VERTICAL SUPPLY CONNECTION, BOTTOM FRONT RETURN CONNECTION, AND 7-DAY PROGRAMMABLE THERMOSTAT.

					AIR DE	VIC	E SC	CHEDULE	
MARK	ТҮРЕ	MAX. AIRFLOW (CFM)	FACE SIZE (IN.)	NECK SIZE (IN.)	MOUNTING	MAX NC	MAX APD (IN. W.G.)	DAMPER	FINISH
S-1	SQUARE PLAQUE	150	12 x 12	6	SURFACE	20	-	NONE	WHITE
S-2	SQUARE PLAQUE	250	20 x 20	8	SURFACE	20	-	NONE	WHITE
S-3	SQUARE PLAQUE	400	20 x 20	10	SURFACE	20	-	NONE	WHITE
S-4	SQUARE PLAQUE	610	24 x 24	12	SURFACE	20	-	NONE	WHITE
REMARK 1. ARCHITE	S: ECT TO CONFIRM FINISH	I.	· · · · · · · · · · · · · · · · · · ·						



TYPICAL SECTION THRU ROOFTOP CONDENSING UNIT NO SCALE

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EXHA	UST	F

13

SP-A50-90-VG

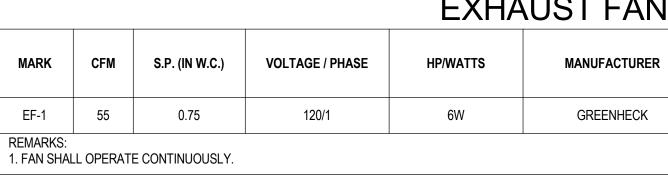
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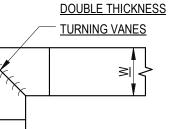
12

PROTECTOR, AND THERMOSTATIC EXPANSION VALVE.	

JLE						
MANUFACTURER	MODEL	WEIGHT (LBS)	REMARKS			
DAIKIN	DAT0904	500	1			
DAIKIN	DAT0904	500	1			

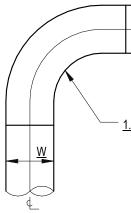
MANUFACTURER	MODEL	REMARKS
TITUS	OMNI-AA	1



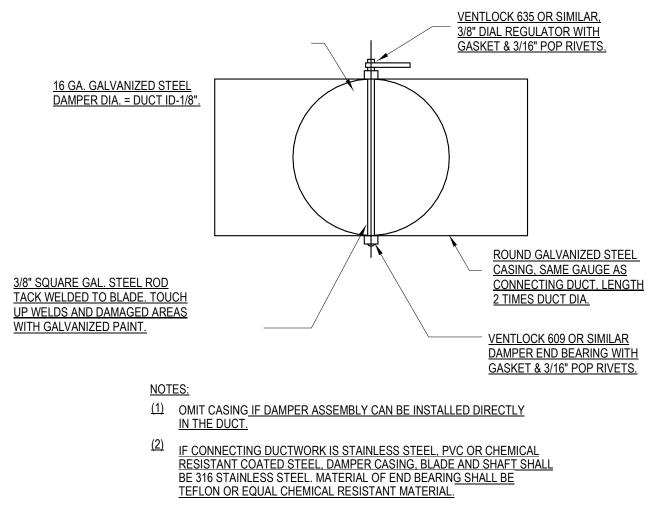


SQUARE 90 ELBOW

NOTE: USE THIS DESIGN WHERE SQUARE 90° ELBOWS ARE SHOWN ON DRAWINGS OR IF SPACE DOES NOT PERMIT SMOOTH RADIUS 90° ELBOWS.

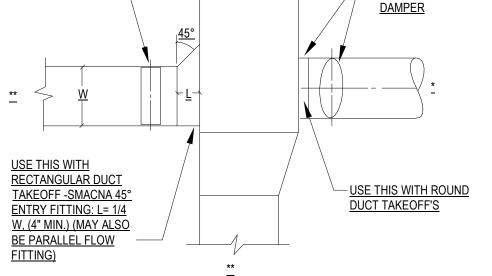


ROUND 90 ELBOW LOW VELOCITY DUCT LAYOUT



BALANCING DAMPER SCALE: NOT TO SCALE

<u>TYPICAL MANUAL</u> VOLUME DAMPER --



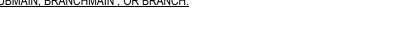
MAIN SUPPLY RETURN OR EXHAUST DUCT

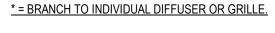
M200

LOW PRESSURE DUCT VOLUME DAMPER REQUIREMENTS

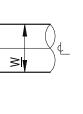
- <u>SPIN-IN FITTING WITH</u> MANUAL VOLUME

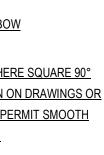
** = SUBMAIN, BRANCHMAIN , OR BRANCH.

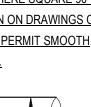


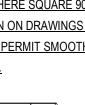






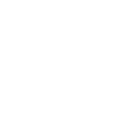


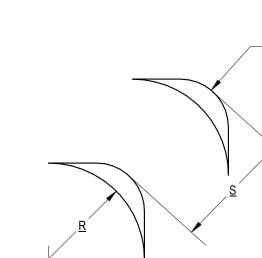












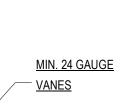
<u>R = 4.5"</u>

<u>S = 3.25"</u>

DOUBLE THICKNESS

TURNING VANES DETAIL





CEILING

MECHANICAL SCHEDULES AND DETAILS

PROJECT NO:	12019
PHASE:	75% CD
ISSUED FOR:	
DATE	8/26/2022

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MASON





14 15

BATHROOM

FAN SCHEDULE REMARKS MODEL WEIGHT SERVICE MOUNTING

16

1

FIRE ALARM SYSTEM NOTES

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CONTRACTOR SHALL ENGAGE THE SERVICES OF A LOUISIANA LICENSED FIRE ALARM CONTRACTOR AND/OR MANUFACTURER TO PROVIDE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM APPROVED BY THE AUTHORITY HAVING JURISDICTION UNDER CONTRACTOR SHALL BE RESPONSIBLE FOR AND INCLUDE IN BID ALL THE BASE BID. PLAN REVIEW AND PERMIT FEES, WHICH MAY BE APPLICABLE. COORDINATE WITH FIRE ALARM CONTRACTOR ANY ADDITIONAL DEVICES, OUTLETS OR CONNECTIONS REQUIRED FOR THE FIRE ALARM SYSTEM PRIOR TO BID. CONTRACTOR IS RESPONSIBLE TO ADD ANY ADDITIONAL ITEMS REQUIRED BUT NOT SHOWN ON THE DRAWINGS TO MEET THE AUTHORITY HAVING JURISDICTION REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM WIRING DIAGRAMS INCLUDING BUILDING FLOOR PLANS, SYSTEM COMPONENT SPECIFICATIONS, DEVICE LOCATIONS, ETC. FOR REVIEW AND APPROVAL BY AUTHORITY HAVING JURISDICTION.

5

6

2. CONTRACTOR TO INCLUDE THE STATE FIRE MARSHAL'S FIRE ALARM SYSTEM CHECKLIST & FEE SCHEDULE AS PART OF FIRE ALARM SYSTEM SUBMITTAL.

3. ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY 120V FEEDS ASSOCIATED WITH THE FIRE ALARM SYSTEM TO DUCT DETECTORS, BOOSTER POWER SUPPLIES, FACP, ETC. WHETHER SPECIFICALLY SHOWN ON THESE DRAWINGS OR NOT. ELECTRICAL CONTRACTOR TO COORDINATE WITH THE FIRE ALARM CONTRACTOR AND PROVIDE THESE FEEDS IN THE BASE BID.

4. NFPA 72:10.15 IN AREAS NOT CONTINUOUSLY OCCUPIED, AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED FOR EACH FIRE ALARM CONTROL UNIT, NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER, AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION.

5. NFPA 72:12.2.4.3 THE INSTALLATION OF ALL WIRING, CABLE, AND EQUIPMENT SHALL BE IN ACCORDANCE WITH NFPA 70, NATIONAL ELECTRICAL CODE; AND, SPECIFICALLY WITH ARTICLE 760. CABLES SHALL BE PROTECTED AGAINST MECHANICAL INJURY IN ACCORDANCE WITH ARTICLE 760.

6. NFPA 72:17.12.2 WATERFLOW IN SPRINKLER SYSTEMS SHALL BE INDICATED WITHIN 90 SECONDS.

3

7. NFPA 72:10.7.2 FIRE ALARM SIGNALS SHALL BE DISTINCTIVE IN SOUND FROM OTHER SIGNALS AND THIS SOUND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

8. NFPA 72:10.5.5 CONNECTIONS TO THE LIGHT AND POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT(S). THE CIRCUIT(S) AND CONNECTIONS SHALL BE MECHANICALLY PROTECTED. CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. 8.1. NFPA 72:23.4.2 FIRE ALARM CIRCUITS SHALL COMPLY WITH SECTIONS 23.5 THROUGH 23.7.

9. NFPA 72:17.14.4 THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 3.5 FT. AND NOT MORE THAN 4 FT. ABOVE FLOOR LEVEL.

10. NFPA 72:17.7.1.11 SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL TRADES IS COMPLETE AND FINAL. FAILURE TO COMPLY WITH THIS REQUIREMENT COULD RESULT WITH NUMEROUS FALSE ALARMS AND UNNECESSARY REPLACEMENT COSTS.

11. NFPA 72:17.7.3.2.1 SIDEWALL MOUNTED SPOT-TYPE DETECTORS SHALL NOT BE LOCATED MORE THAN 12" DOWN FROM THE CEILING TO THE TOP OF THE DETECTOR.

12. NFPA 72:A.17.7.4.1 CAUTION: DETECTORS SHOULD NOT BE LOCATED WITHIN 3 FT. OF AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.

3. NFPA 72:18.5.4.1 VISUAL NOTIFICATION APPLIANCES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS AT LEAST 80" AND NOT MORE THAN 96" ABOVE THE FINISHED FLOOR. (MOUNTING IN SLEEPING AREAS SHALL BE IN ACCORDANCE WITH SECTION 18.5.4.6). 13.1. A) NFPA 72:18.5.4.3.2 VISIBLE NOTIFICATION DEVICES SHALL FLASH IN SYNCHRONIZATION, WHERE MORE THAN TWO ARE LOCATED WITHIN THE FIELD OF VIEW IN THE SAME ROOM OR ADJACENT SPACE.

14. 101:9.6.3.7 AUDIBLE ALARM INDICATING APPLIANCES SHALL BE EFFECTIVELY HEARD ABOVE THE AVERAGE AMBIENT SOUND LEVEL OCCURRING UNDER NORMAL CONDITIONS OF OCCUPANCY. THE MINIMUM AUDIBLE SOUND LEVEL REQUIRED FOR OCCUPANT NOTIFICATION SHALL BE WITHIN THE MINIMUM AUDIBLE LEVEL REQUIRED BY NFPA 72:7.18.4.3. SEE 72:A.18.4.3 FOR GUIDELINES. ACTUAL AMBIENT SOUND LEVEL MEASUREMENTS SHALL BE USED FOR COMPLIANCE VERIFICATION.

15. NFPA 72:26.6.3.2.1.4 A DIGITAL ALARM COMMUNICATOR TRANSMITTER, WHEN INSTALLED, SHALL BE CONNECTED TO TWO (2) SEPARATE MEANS OF TRANSMISSION AT THE PROTECTED PREMISES. 15.1. NFPA 72:26.6.3.2.1.3 A DIGITAL ALARM COMMUNICATOR TRANSMITTER SHALL BE CAPABLE OF DISCONNECTING AN OUTGOING OR INCOMING TELEPHONE CALL.

16. NFPA 72:10.5.6 PROVIDE BATTERIES WITH SUFFICIENT CAPACITY TO ACCOMMODATE THE CALCULATED LOADS.

17. NFPA 72:10.18.2.3 THE OWNER'S MANUAL, THE INSTALLATION INSTRUCTIONS AND AS-BUILT RECORD DRAWINGS SHALL BE GIVEN TO THE OWNER UPON FINAL ACCEPTANCE OF THE SYSTEM.

18. OCCUPANT NOTIFICATION SHALL BE PROVIDED AUTOMATICALLY IN ACCORDANCE WITH NFPA 101, NFPA 72, AND IBC 907.5. 18.1. NFPA 72:18.4.5.3 WHERE AUDIBLE APPLIANCES ARE PROVIDED TO PRODUCE SIGNALS FOR SLEEPING AREAS. THEY SHALL PRODUCE A LOW FREQUENCY ALARM SIGNAL THAT COMPLIES WITH THE FOLLOWING: 18.1.1. THE ALARM SIGNAL SHALL BE A SQUARE WAVE OR PROVIDE EQUIVALENT AWAKENING ABILITY. 18.1.2. THE WAVE SHALL HAVE A FUNDAMENTAL FREQUENCY OF 520 HZ +/- 10%%%.

ELECTRICAL ABBREVIATIONS FACP FIRE ALARM CONTROL PANEL OCCUPANCY SENSOR AFF ABOVE FINISHED FLOOR FAAP FIRE ALARM ANNUCIATOR PANEL OPTIONAL STANDBY AHU AIR HANDLING UNIT OS FABP FIRE ALARM BOOSTER PANEL AL ALUMINUM FL FLOOR ASYMM ASYMETRICAL REQ REQUIRED GAUGE GA GFCI SS STAINLESS STEEL GROUND-FAULT CIRCUIT CONDUIT INTERRUPTER CATV CABLE TELEVISION GFP GROUND-FAULT PROTECTION CLG CEII ING TAMPER RESISTANT G/GND GROUND TR CM CONTROL MODULE GRS GALVANIZED RIGID STEEL TELEVISION ΤV COMM COMMUNICATIONS TYP TYPICAL CP CONTROL PANEL CARD READER CR HORIZONTAL н COLOR RENDERING INDEX CRI UON UNLESS OTHERWISE NOTED CU COPPER/CONDENSING UNIT USB USB JACKS LIGHTING CONTROL PANEL LCP LRS LEGALLY REQUIRED STANDBY DN DOWN VERT VERTICAL MH MOUNTING HEIGHT EDH ELECTRIC DUCT HEATER MM MONITOR MODULE WAP WIRELESS ACCESS POINT EXHAUST FAN EF WH WATER HEATER ELEVATION EL WEATHER PRROF WP ELEC ELECTRICAL NIGHT LIGHT EMERGENCY NI EM EQ EQUAL XFMR TRANSFORMER EXIST. EXISTING

GENERAL ELECTRICAL NOTES

10

WORK PERFORMED UNDER THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH INDUSTRY STANDARDS LISTED BELOW OF THE LATEST APPLICABLE EDITION ADOPTED BY THE AUTHORITY HAVING JURISDICTION. WHERE THESE SPECIFICATIONS ARE MORE STRINGENT, THEY SHALL TAKE PRECEDENCE. IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE ARCHITECT.

A. THE NATIONAL ELECTRICAL CODE (NEC 2017) (CURRENT EDITION ADOPTED BY FILL IN STATE). B. NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-101, LIFE SAFETY CODE.

C. NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-72, FIRE ALARM CODE.

D. OSHA CODE OF FEDERAL REGULATIONS (FOR CONSTRUCTION PRACTICES). E. APPLICABLE STATE AND LOCAL CODES/ORDINANCES.

F. CBM - CERTIFIED BALLAST MANUFACTURER .

G. IPCEA - INSULATED POWER CABLE ENGINEERS' ASSOCIATION

H FM - FACTORY MUTUAL I. ETL - ELECTRICAL TESTING LABORATORIES

J. IES - ILLUMINATING ENGINEERING SOCIETY K. NECA

L. IBC M. FM GLOBAL

7

1. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL.

2. PANELS ARE TO BE FULLY RATED. - NO SERIES RATED EQUIPMENT IS ALLOWED.

3. COMPLETELY BOND AND GROUND ENTIRE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE CURRENT

NEC ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION ARTICLE 250 IN IT'S ENTIRETY.

4. THE CONSTRUCTION INSTALLATION SHALL MEET ANY AND ALL SPECIFICATIONS AS REQUIRED BY OWNER'S CONSTRUCTION STANDARDS INCLUDING ALL FITTINGS AND HARDWARE. COORDINATE SPECIFIC REQUIREMENTS AND GUIDELINES WITH THE OWNER'S CONSTRUCTION MANAGER.

5. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GENERAL CONTRACTOR ON THE APPLICATION FOR PERMIT AND REMITTANCE OF ALL FEES. IN ADDITION, CONTRACTOR TO PROVIDE FINAL INSPECTION CERTIFICATE.

6. INCLUDE THE COSTS TO INCORPORATE ALL CODES AND ORDINANCE REQUIREMENTS INTO THE BASE BID AND INSTALLATION OF WORK FOR THIS PROJECT. NO ADDITIONAL FUNDS WILL BE ALLOCATED FOR WORK TO CONFORM TO REGULATIONS AND REQUIREMENTS AND/OR TO OBTAIN APPROVAL OF WORK.

7. WORKMANSHIP TO MEET N.E.C.A. GUIDELINES, PUT INTO OPERATION AND TEST ALL ELECTRICAL EQUIPMENT. ALL CIRCUITS SHALL BE TESTED BY CONTRACTOR FOR PROPER VOLTAGE AND PHASE ROTATION; CONTINUITY; PROPER POLARITY; PROPERLY FUNCTIONING GROUND FAULT INTERRUPTERS AND OTHER OUTLETS AND EQUIPMENT; AND FOR ELECTRICAL ISOLATION OF ALL UNGROUNDED CONDUCTORS FROM GROUND AND FROM THE CONDUIT SYSTEM. CONTRACTOR SHALL BALANCE THE LOADS ON EACH PANEL TO WITHIN 15% BETWEEN MAXIMUM AND MINIMUM CURRENTS.

8. PROVIDE GROUND FAULT CIRCUIT INTERRUPTERS TYPE RECEPTACLES FOR ALL 15 AND 20 AMPERE. 120 VOLT, CONVENIENCE RECEPTACLES IN BATHROOMS, BREAKROOM AREAS, AND WITHIN 6 FOOT OF ALL SINKS.

PROVIDE COMPLETE INSTALLATION, INCLUDING ALL MINOR ITEMS. THIS INCLUDES ELECTRICAL, COMMUNICATIONS, CABLE, FIBER AS WELL AS ANY OTHER SYSTEMS SHOWN IN THESE DRAWINGS. PROVIDE ALL MOUNTING HARDWARE FOR LIGHTING FIXTURES AND OTHER ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE INSTALL.

10. DRAWINGS ARE DIAGRAMMATICAL. ALL ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE ONLY. FOR ALL MEASUREMENTS, USE ARCHITECTURAL, MECHANICAL OR OTHER RESPECTIVE DIVISION'S PLANS AND FIELD SURVEYS. COORDINATE WITH HVAC WORK, CABINET WORK, PARTITION WORK, ETC., WHEN REQUIRED. LAYOUT OF EQUIPMENT, ACCESSORIES, SPECIALTIES, WIRING AND CONDUIT SYSTEMS ARE STRICTLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED AND NOTED, AND DO NOT INDICATE EVERY REQUIRED FITTING, ELBOW, TRANSITION, JUNCTION BOX OR SIMILAR ITEMS THAT ARE REQUIRED TO CLEAR ALL OBSTRUCTIONS AND COMPLETE INSTALLATION.

11. IF A CONFLICT OCCURS BETWEEN DRAWINGS AND/OR SPECIFICATIONS, BID THE GREATER QUANTITY AND/OR QUALITY.

12. COORDINATE ELECTRICAL WORK WITH OTHER TRADES PRIOR TO SUBMITTING A BID.

13. RACEWAYS AND CABLES SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.MC CABLES IS ACCEPTABLE.

14. ALL WORK SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE IN AN APPROVED MANNER WITH A SUPPORT DEVICE THAT IS LISTED FOR THE USE AND FASTENED TO BUILDING CONSTRUCTION WITH APPROVED SUPPORTS LISTED FOR USE.

15. UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL INSURE THAT ALL CIRCUITRY IS SHOWN AS WIRED IN THE FIELD AND HAS ACCURATE HOMERUN DESIGNATIONS. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.

16. CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK TO UNDERSTAND THE COMPLEXITY, RESTRICTIONS, AND ALL THE REQUIREMENTS TO PERFORM WORK OF THESE DOCUMENTS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE SUCCESSFUL BIDDER FOR FAILURE TO BE SO INFORMED.

17. MAINTAIN FIRE RATING OF WALLS. FLOORS. AND CEILINGS WHEN PERFORMING WORK AND INSTALLING DEVICES, BOXES, ETC. USE FIRE CAULK, "PUTTY PADS," OR OTHER APPROVED AND APPROPRIATE METHODS TO MAINTAIN RATING.

INSTALLATION.

CONDUCTORS.

18. DO NOT MOUNT OUTLETS BACK TO BACK ON OPPOSITE SIDES OF PARTITIONS.

11

19. PROVIDE CONDUIT SEALING ON ALL CORE DRILLS THROUGH RATED WALL AS REQUIRED.

20. JUNCTION BOXES SHALL NOT BE INSTALLED IN CLOSE PROXIMITY TO CEILING TILES AND SHALL ALLOW ALL CEILING TILES TO BE LIFTED AND REMOVED EASILY.

21, IF FLEXIBLE CONDUIT IS APPROVED AND UTILIZED, USE ANTI-SHORT BUSHINGS WITH FLEXIBLE CONDUIT.

22. "F" CLIPS AND OTHER "OLD WORK" STYLE BOXES ARE NOT TO BE USED.

23. GANGABLE BOXES ARE NOT TO BE USED.

24. SIZING/SELECTION OF EQUIPMENT WIRING AND ELECTRICAL WORK, INCLUDING FEEDERS, BRANCH CIRCUITS, OVERCURRENT PROTECTION, AND NEMA CONFIGURATION ARE BASED ON RATINGS AND INFORMATION INDICATED. VERIFY "ACTUALLY INSTALLED" APPLIANCE RATINGS AND LOADS AND PROVIDE CORRECTLY SIZED ELECTRICAL COMPONENTS WITH APPROPRIATE NEMA CONFIGURATION. REFLECT ALL CHANGES IN THE RECORD DRAWINGS. COORDINATE WITH ELECTRICAL ENGINEER IF NECESSARY.

25. A WARRANTY SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS FOR ALL ELECTRICAL EQUIPMENT FURNISHED AND TO ANY ELECTRICAL WORK FURNISHED UNDER THESE SPECIFICATIONS. CONTRACTOR SHALL REPAIR OR REPLACE ANY DEFECTS IN WORKMANSHIP, DESIGN OR MATERIALS AT HIS OWN EXPENSE. WARRANTY WORK SHALL BE PERFORMED WITHIN A REASONABLE TIMEFRAME AS SOON AS POSSIBLE AFTER THE DISCREPANCY IS NOTICED.

26. PROVIDE TYPEWRITTEN PANELBOARD SCHEDULES TO PANELBOARD DOORS DEPICTING THE FINAL AS-BUILT CONDITIONS AT PROJECT COMPLETION. INDICATE DEVICE AND ROOM NAME LOCATION.

27. AT THE END OF EACH WORK DAY. THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SURPLUS MATERIALS OR FOREIGN MATTER CAUSED BY THE PERFORMANCE OF ELECTRICAL WORK ON THE PREMISES. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE PREMISES IN A CLEAN CONDITION.

28. NO INSTALLATION WILL BE CONSIDERED COMPLETE UNTIL THE PROPER OPERATION OF ALL ELECTRICAL EQUIPMENT HAS BEEN DEMONSTRATED TO THE SATISFACTORY OF THE OWNER OR ITS AUTHORIZED REPRESENTATIVE. ALSO, ANY RECORD DRAWINGS, BOOKS NECESSARY TO MAINTAIN OR REPLACE ANY CONTRACTOR SUPPLIED MATERIAL SHALL BE COMPILED AND PRESENTED TO THE OWNER IN A FORM SUITABLE FOR REPRODUCTION.

29. THESE DRAWINGS HAVE BEEN COORDINATED WITH MECHANICAL AND PLUMBING DRAWINGS. ELECTRICAL CONTRACTOR TO COORDINATE FUSE, CIRCUIT BREAKER, WIRE, CONDUIT, DISCONNECT, ETC. SIZES WITH MANUFACTURERS' RECOMMENDATIONS OF EQUIPMENT AND UNITS ACTUALLY INSTALLED AND MODIFY AS NECESSARY TO ACCOMMODATE. VERIFY WITH SHOP DRAWINGS PRIOR TO ROUGH-INS.

30. ALL TERMINATIONS SHALL BE LISTED FOR 75 DEGREES C UNLESS OTHERWISE NOTED.

31. 20A BRANCH CIRCUITS WITH UNMARKED CONDUCTOR AMOUNTS AND SIZES SHALL DEFAULT TO 2#12, #12G,1/2"C.

32. PRIOR TO ROUGHING-IN ANY WIRING OR DEVICES, CONFIRM EXACT LOCATIONS WITH ARCHITECT/OWNER.

33. ALL BRANCH CIRCUITRY INSTALLATION AND LOADING SHALL COMPLY WITH CURRENT NEC.

34. NO MORE THAN (10) DUPLEX OUTLETS ARE ALLOWED ON A 20A BRANCH CIRCUIT.

35. DO NOT LOAD LIGHTING BRANCH CIRCUITS MORE THAN 80%.

36. ARCHITECT BASE DRAWINGS HAVE PREFERENCE. ALL DISCREPANCIES WITH BASE DRAWINGS IN ELECTRICAL SET TO BE CLARIFIED WITH CONTRACTOR, ARCHITECT AND ELECTRICAL ENGINEER.

37. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES AND EXACT LOCATION OF ALL FIXTURES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.

38. COORDINATE ALL SPECIAL SYSTEMS INSTALLATION (COMMUNICATIONS, FIBER, CABLE, ETC.) WITH SPECIAL SYSTEMS DESIGNER/IT DIRECTOR.

39. MOUNT ALL OCCUPANCY SENSORS/SWITCHES IN A MANNER THAT DOES NOT OBSTRUCT THE INFRARED VIEW OF THE DEVICE. ALL OCCUPANCY SENSORS ARE TO BE OF THE DUAL-TECHNOLOGY TYPE WITH ADJUSTABLE TIME DELAY SETTINGS AND ADAPTIVE TECHNOLOGY.

40. ALL 120V, 20AMP CIRCUIT WIRING SHALL BE ADJUSTED FOR VOLTAGE DROP SUCH THAT THE MAXIMUM VOLTAGE DROP AT THE FURTHEST OUTLET OF POWER , HEATING OR LIGHTING DOES NOT EXCEED 3%.

41. CONTRACTOR SHALL NOTIFY OWNER AT LEAST 48HOURS IN ADVANCE OF ANY WORK WHICH SHALL, OR REASONABLY COULD RESULT IN AN OUTAGE OF POWER OR COMMUNICATIONS.

42. WIRING DEVICES SHALL MATCH EXISTING BUILDING. WHITE DEVICES WITH BRUSHED ALUMINUM COVER PLATES.

43. LIGHT MARKED WITH EL OR NL ARE EMERGENCY FIXTURES AND SHALL REQUIRE AN UNSWITCHED

CONDUCTOR SYMBOLS LEGEND

LA-1,3,5 #10 AWG

BRANCH CIRCUIT (CONDUIT AND WIRING) CONCEALED ABOVE CEILING OR IN WALL. BRANCH CONDUCTOR SHALL BE #12 AWG UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. BRANCH CONDUCTORS SIZED #10 AWG OR SMALLER SERVING GENERAL PURPOSE RECEPTACLES, LIGHTING LOADS, OR MECHANICAL LOADS SHALL BE SOLID

HOME RUN WITH PANEL AND CIRCUIT DESIGNATION INDICATED AND NUMBER OF CONDUCTORS SHOWN. CONDUCTORS SHALL BE #12 AWG THROUGHOUT CIRCUIT, UNLESS NOTED

8

9

12

OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. INDICATED HOMERUN CONDUCTOR SIZE IS BASED ON ESTIMATED DISTANCES TO PANELS FOR LOADS SERVED FOR A MAXIMUM
OF 3%%% VOLTAGE DROP. CONTRACTOR MAY DETERMINE ACTUAL LENGTH OF BRANCH CIRCUITS AND MAY ADJUST BRANCH CIRCUIT CONDUCTOR SIZES ACCORDINGLY TO MAINTAIN A
VOLTAGE DROP OF LESS THAN 3%%% FOR LOADS SERVED. CONTRACTOR SHALL PROVIDE THE VOLTAGE DROP CALCULATIONS TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO

1	3

(DB)

DURESS BUTTON

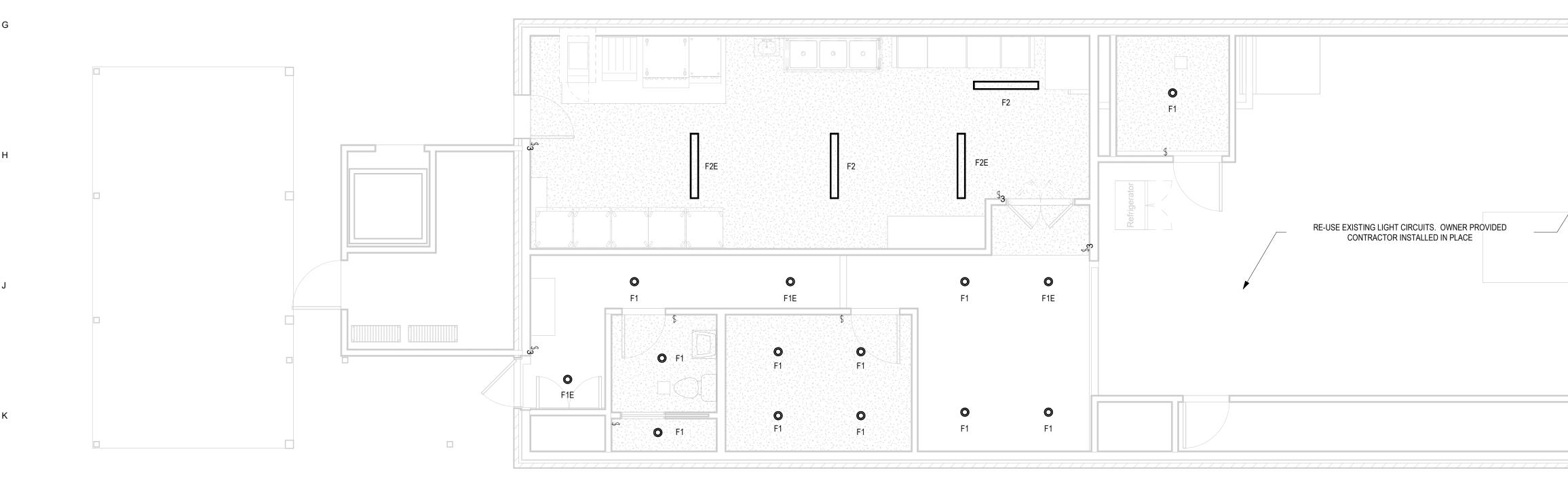
CAMERA

	14 15 16	_	
	ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION)
	LIGHTING		
	2x2 OR 2x4 LED TROFFER		
 ⊘ ↔	SURFACE OR RECESSED DOWNLIGHT		
	SURFACE, SUSPENDED OR RECESSED UTILITY STRIP FIXTURE		
⊡₽₽	WALL BRACKET FIXTURE		
● ⊗ ↓	WALL/CEILING MOUNTED EXIT SIGN - SHADED AREAS INDICATE FACES - WHEN SHOWN ARROWS INDICATE DIRECTION OF EXIT - BATTERY OR EM. GEN.		
	GROUND AND POLE MOUNTED SITE FIXTURES (TYPE DETERMINES MOUNTING)		
PC	PHOTO CELL		•
	LIGHT FIXTURE MODIFIERS		
'F1'	DESIGNATES FIXTURE TYPE - SEE LIGHTING FIXTURE SCHEDULE		
	SWITCHES		
\bigtriangleup	NORMAL SWITCH - TOGGLE	Junior ATE OF LOC	Harrison And Andrews
× (00)	OCCUPANCY SENSOR - CEILING MOUNT - DUAL TECH. TYPE (PIR & ULTRASONIC)	SCREGORY J. LINF	NGERUSR
D	DIMMER	REG. NO. 2	3878
∆ ∀oc_	OCCUPANCY SENSOR - WALL MOUNT - DUAL TECH. TYPE (PIR & ULTRASONIC)	Projectsion Projectsion Engineer	ALE BURNE
	SWITCH MODIFIERS	CAL ENG	Harman.
3/4 D	THREE/FOUR WAY SWITCH OR DIMMER		
М	MOTOR RATED SWITCH WITH THERMAL OVERLOAD		
	POWER		
₽	120V. DUPLEX RECEPTACLE WALL / FLOOR MOUNTED		
€=	120V. GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE		
₽	120V. QUADRUPLEX RECEPTACLE WALL / FLOOR MOUNTED		
) E	120V. GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE ABOVE COUNTER		
0-	SPECIAL PURPOSE RECEPTACLE, VOLTAGE AND MOUNTING HEIGHT VARIES		
Ø	120V. FLOOR RECEPTACLE, FLUSH PLATE		
JJ	JUNCTION BOX		
Т	TRANSFORMER - KVA AS DENOTED		
4	SAFETY SWITCH, SIZE NOTED (POLES/FRAME/FUSE/NEMA RATING)	(N	
	PANELBOARD - SURFACE MOUNTED		
/HP/	ELECTRIC MOTOR - HP AS NOTED		
WP	RECEPTACLE MODIFIERS WEATHERPROOF		
IG	ISOLATED GROUND		
	FIRE ALARM		Δ
⊦© / ©	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WALL / CEILING MOUNTED		ORI
	FIRE ALARM AUDIBLE/VISUAL NOTIFICATION DEVICE WALL / CEILING MOUNTED		Ŭ
F	FIRE ALARM PULL STATION		HEREF
	FIRE ALARM SMOKE DETECTOR		تر تر
لرى ال	DUCT SMOKE DETECTOR - SUPPLY OR RETURN AIR DUCT PROVIDE 120 VAC POWER AND INTERCONNECTION TO FACP		MASON 4206 Magazine St.
H	FIRE ALARM HEAT DETECTOR		MASON 4206 Magazine
¥Ø	FIRE ALARM FLOW & TAMPER SWITCH		M / 4206
FACP	FIRE ALARM CONTROL PANEL		
FAA	FIRE ALARM ANNUNCIATOR PANEL		
	TELEPHONE / DATA / TELEVISION		
∢	DATA\TELEPHONE OUTLET PROVIDE DUPLEX RJ-45 OUTLET CONFIGURATION		
▼	DUPLEX RJ45 OUTLET FLOOR MOUNTED, FLUSH PLATE		
∇^{TV}	CABLE TV OUTLET WITH PLATE		
(SP)	SPEAKER CEILING MOUNT		
	SPECIAL SYSTEMS		
•	BUZZER / CALL BUTTON		
[CR]	CARD READER	PROJECT NO:	75% CD
	ELECTRIC DOOR STRIKE	PHASE: ISSUED FOR:	75% CD
MD	EGRESS MOTION DETECTOR		8/26/2022
[RX]	REQUEST TO EXIT BUTTON		0,20,2022
(R_R)	REMOTE RELEASE BUTTON		

ELECTRICAL NOTES AND LEGENDS



Lighting Fixture Schedule							
Type Mark	Apparent Load	Luminous Flux	Description				
F1	20 VA	700 lm	4" RECESSED CAN				
F1E	20 VA	700 lm	4" RECESSED CAN WITH BATTERY BACKUP				
F2	40 VA	3150 lm	4' SEALED STRIP LIGHT				
F2E	40 VA	3150 lm	4' SEALED STRIP LIGHT WITH BATTERY BACKUP				



1 2 3 4 5 6 7 8 9 10 11 12

1 Electrical RCP E201 1/4" = 1'-0"

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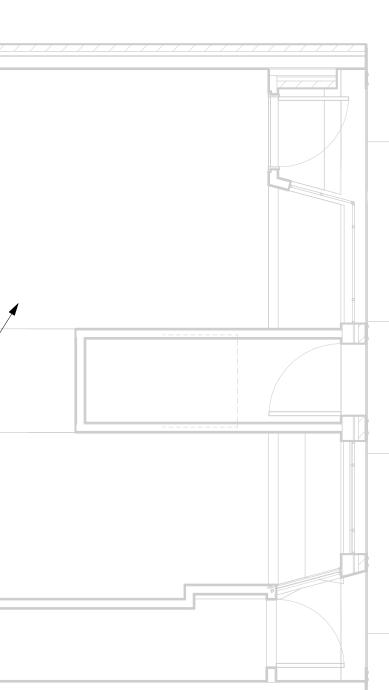
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GENERAL PLAN NOTES:

- A. THESE PLANS ARE DIAGRAMMATIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW SERVICES TO FIT ACTUAL JOB CONDITIONS.
- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN ELECTRICAL ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE ELECTRICAL WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. EXISTING FIRE ALARM DEVICES TO REMAIN. CONTRACTOR SHALL INSPECT AND REPLACE ANY DAMAGED OR MALFUNCTIONING DEVICES.





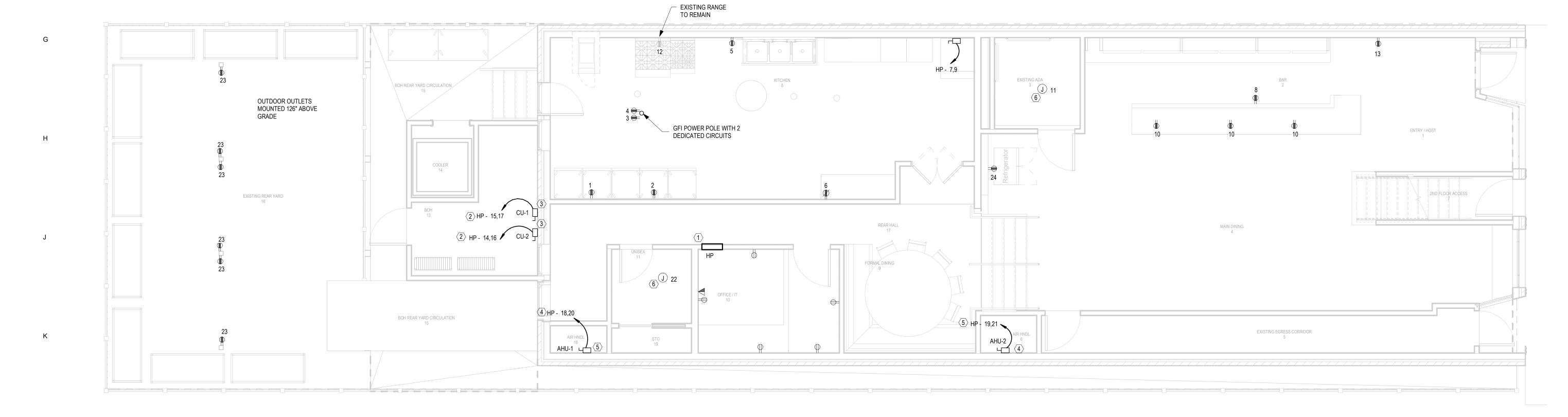
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PROJECT NO:	12019
PHASE:	75% CD
ISSUED FOR:	
DATE	8/26/2022

Electrical RCP



Notes:		Location: OFFICE / IT 10 Supply From: Mounting: Recessed Enclosure:			Volts: 120/240 Single Phases: 1 Wires: 3			A.I.C. Rating: 10000 Mains Type: Mains Rating: 200 A MCB Rating: 200 A		
СКТ	Load Name	Trip	Poles		A		В	Poles	Trip	Load Name
1	REACH IN REFRIGERATOR	20 A	1	180 VA	180 VA			1	20 A	REACH IN FREEZER
3	UC REFRIGERATOR	20 A	1			180 VA	180 VA	1	20 A	UC REFRIGERATOR
5	CONVECTION NG OVEN	20 A	1	180 VA	180 VA			1	20 A	FOOD PACKAGING MA
7	ICE MACHINE	30 A	2			0 VA	180 VA	1	20 A	BEER COOLER
9				0 VA	540 VA			1	20 A	BAR CONVENIENCE R
11	ADA BA EF-1	15 A	1			500 VA	180 VA	1	20 A	(E) RANGE CONNECTION
13	COOLER	20 A	1	180 VA	3920 VA			2	60 A	CU-2
15	CU-1	60 A	2			3920 VA	3920 VA			
17				3920 VA	0 VA			2	60 A	AHU-2
19	AHU-1	60 A	2			0 VA	0 VA			
21				0 VA	500 VA			1	15 A	UNISEX BA EF-1
23	Kitchen Equipment - Non-Dwelli	20 A	1			1080 VA	600 VA	1	20 A	Kitchen Equipment - Nor
25	Lighting - Dwelling Unit	20 A	1	440 VA						
27										
29			\downarrow							
31										
33							L			
35										
37					L					
39							L			
41										
		Тс	otal Load:	1019	99 VA	1074	IO VA			
	Total Amps:			85 A 90 A						



L 1 ELECTRICAL FLOOR PLAN E301 1/4" = 1'-0"

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GENERAL PLAN NOTES:

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- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN ELECTRICAL ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE ELECTRICAL WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- UNLABLED WIRE OR CIRCUIT NUMBERS SHALL USE 3/4"C 2#12, #12GND

KEYED PLAN NOTES:

- (1) EXISTING PANEL TO BE REMOVED, AND ALL EXISTING CIRCUITS TO BE RELOCATED INTO NEW NEMA 1 240V 200A 42 CIRCUIT MCB PANEL "HP" IN SAME LOCATION. MATCH EXISTING AIC, EXISTING FEEDER, METER, AND SERVICE DISCONNECT TO REMAIN IN PLACE.
- 3/4"C 2#8, #10GND
- $\langle \overline{\textbf{3}}
 angle$ NEMA 3R 240V 2P 60A NF DISCONNECT
- 4 1"C 2#6, #10GND
- $\langle \overline{5}
 angle$ NEMA 1 240V 2P 60A NF DISCONNECT
- 6 CONTRACTOR SHALL PROVIDE DISCONNECTING MEANS WITHIN 5' AND LINE OF SIGHT OF EXHAUST FAN.



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PROJECT NO:	12019
PHASE:	75% CD
ISSUED FOR:	
DATE	8/26/2022

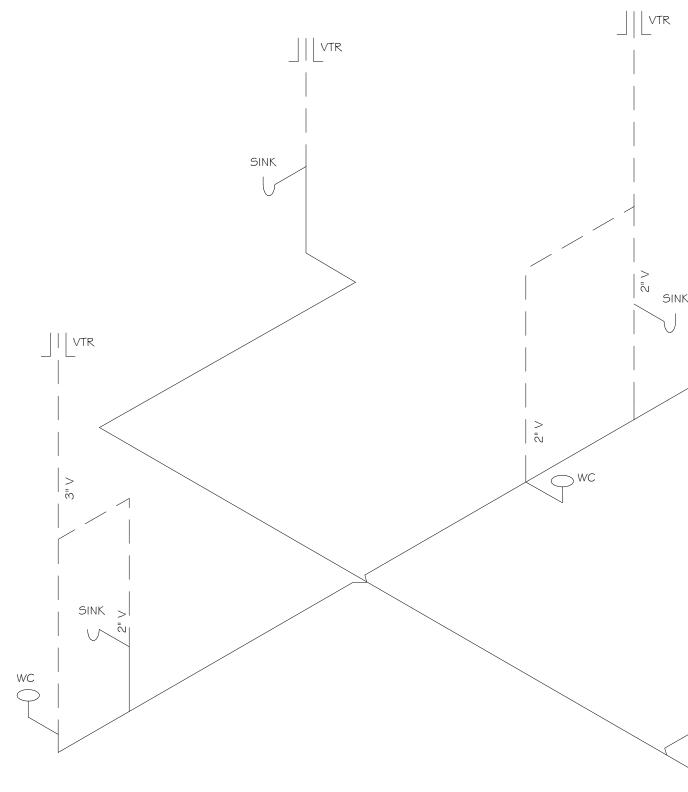
ELECTRICAL FLOOR PLAN



		PLUMBING AE	BBF	REVIA	TIONS
A	AD AFF	AREA DRAIN ABOVE FINISHED FLOOR	М	MBH	1000 BRITISH THERMAL UNITS PER HOUR
В	BFP BOP	BACKFLOW PREVENTER BOTTOM OF PIPE		MECH MH	MECHANICAL MANHOLE
С	CA CL CLG	COMPRESSED AIR CENTERLINE CEILING	N	NIC NO NPCW NPHW NPHWR	NOT IN CONTRACT NUMBER NON-POTABLE COLD WATER NON-POTABLE HOT WATER SUPPLY NON-POTABLE HOT WATER RETURN
D	DCV DCW	DOUBLE CHECK VALVE DOMESTIC COLD WATER		NTS	NOT TO SCALE
	DFU DHW DHWR	DRAINAGE FIXTURE UNIT(S) DOMESTIC HOT WATER DOMESTIC HOT WATER RETURN	0	OFCI	OWNER FUNISHED CONTRACTOR INSTALLED
	DHWR DI DIR DN DWG	DEIONIZED WATER SUPPLY DEIONIZED WATER RETURN DOWN DRAWING	P	PD PG POE PRV PSIG	PRESSURE DROP PRESSURE GAUGE POINT OF ENTRY PRESSURE REDUCING VAVLE POUNDS PER SQUARE INCH GAUGE
E	EL EWH EX	ELEVATION ELECTRIC WATER HEATER EXISTING	R	RPM RPZ	REVOLUTIONS PER MINUTE REDUCED PRESSURE ZONE BFP ASSEMBLY
F	F FFE FT	FAHRENHEIT FINISHED FLOOR ELEVATION FOOT, FEET	s	SP SS	SUMP PUMP SANITARY SEWER
G	g gi gph gpm gpr	GAS GREASE INTERCEPTOR GALLONS PER HOUR GALLONS PER MINUTE GAS PRESSURE REGULATOR	Т	TD TP TW TYP	TERRACE/TRENCH DRAIN TRAP PRIMER TEMPERED WATER TYPICAL
	GT GW GWH	GREASE TRAP GREASY WASTE GAS WATER HEATER	V	V VAC VB VFD	VENT VACUUM AIR VACCUUM BREAKER VARIABLE FREQUENCYDRIVE
Η	HP HPG HR	HORSE POWER HIGH PRESSURE GAS HOUR		VO VTR	VALVED OUTLET VENT TO ROOF
	HVAC	HEATING, VENTILATION & AIR CONDITIONING	W	WB WCO WG	WET BULB WALL CLEANOUT WATER GAGE
Ι	IE	INVERT ELEVATION		WHA WPD	WATER HAMMER ARRESTOR WATER PRESSURE DROP
K	KW	KILOWATT		WSFU	WATER SUPPLY FIXTURE UNIT
L	LxWxH LBS LWT	LENGTH xWIDTHxHEIGHT POUNDS LEAVING WATER TEMPERATURE			

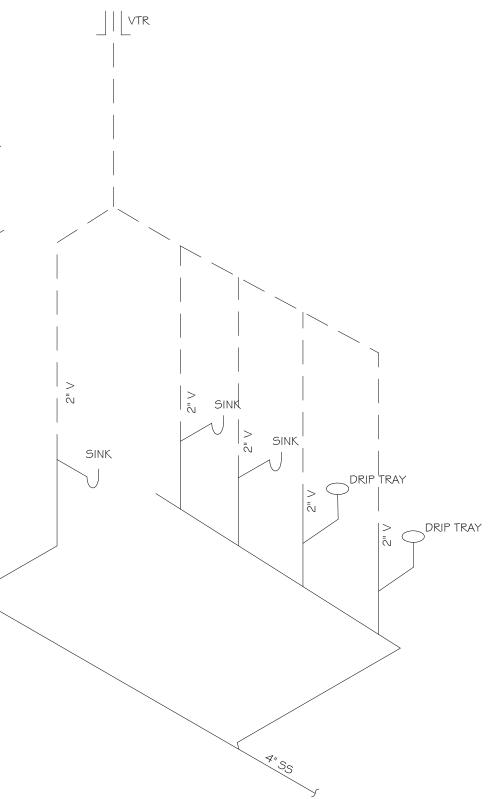
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	PLUMBIN	IG LEGEND		GENERAL PLUMBING NOTES		
				1. ALL WORK SHALL COMPLY WITH THE LATEST STATE AND CITY CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:		
—— Q ——	PUMP	×	GAS PRESSURE REGULATOR	A. INTERNATIONAL PLUMBING CODE		
_		.1.		B. INTERNATIONAL BUILDING CODE		
	BACKFLOW PREVENTER		UNION	C. NFPA 70 NATIONAL ELECTRIC CODE		
0	ELBOW UP		FLEXIBLE CONNECTOR	D. NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE E. THE CONTRACT DOCUMENTS		
		F	PIPE CAP	F. ALL REQUIREMENTS OF THE STATE FIRE MARSHAL		
L	ELBOW DOWN		PIPE CAP	G. INSURING AGENCY H. ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.		
	BRANCH PIPE CONNECTION	Ş ₽		H. ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.		
~			GAUGE AND GAUGE COCK	2. PROVIDE ALL MATERIAL AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS		
	TEE-OUTLET DOWN	Щ	THERMOMETER	AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.		
U	TEE-OUTLET UP	T	VALVE WITH BLIND FLANGE	3. CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE		
6		11/	VALVE WITH BLIND FLANGE	FINAL CONNECTIONS, FURNISHING CUTOFF VALVES, P-TRAPS, P.R.V'S, BACKFLOW PREVENTERS, AND PIPING AS REQUIRED. CONTRACTOR		
	PIPE REDUCER	Ţ	STEAM TRAP	SHALL BE RESPONSIBLE FOR IDENTIFYING ANY CONFLICTS BETWEEN THESE DOCUMENTS AND EQUIPMENT CUT SHEETS PRIOR TO CLOSING IN WALLS AND CEILINGS.		
——₩——	GATE VALVE	\diamond		WALLS AND CEILINGS.		
, T	GLOBE VALVE		THERMOSTATIC EXPANSION VALVE	4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING MOUNTING OF ALL PLUMBING FIXTURES. THIS WORK SHALL INCLUDE BUT NOT BE		
W	GLOBE VALVE			LIMITED TO PROVIDING WALL CARRIERS AND COORDINATING FIXTURES WITH CASEWORK.		
N	BUTTERFLY VALVE	$\langle \# \rangle$	SPECIFIC NOTE DESIGNATION	5. COORDINATE WATER, WASTE, VENT, AND STORM WATER PIPING WITH OTHER TRADES TO AVOID SPACING OR ROUTING PROBLEMS.		
K	BALL VALVE					
	BALL VALVE			6. FIXTURES, EQUIPMENT, CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES		
——————————————————————————————————————	CONTROL VALVE, 2 WAY	\sim		AND REQUIREMENTS.		
£	CONTROL VALVE, 3 WAY		POINT OF DISCONNECT	7. FURNISH AND INSTALL WATER HAMMER ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES,		
Ϋ́Υ	CONTROL VALVE, 3 WAT	-		AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.		
P \	CHECK VALVE			8. PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 10'-0" CLEAR OF A/C OUTSIDE AIR INTAKES, CLINICAL AIR		
	STRAINER			COMPRESSOR INTAKES, OR WINDOWS IN STRUCTURE.		
'>'	STRAINER	\bigcirc	POINT OF CONNECTION, NEW TO EXISTING	9. PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR		
	STRAINER AND BLOWDOWN VALVE			9. PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.		
₹	PLUG COCK/ BALANCING VALVE/					
1	GAS COCK			10. DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.		
────────────	CIRCUIT SETTER					
				11. ORIENT FLUSH VALVE HANDLES ASSOCIATED WITH BARRIER-FREE WATER CLOSETS ON WIDE SIDE OF STALL TO COMPLY WITH ADA		
—— × ——	PRESSURE REDUCING VALVE			REQUIREMENTS.		
				12 PROVIDE INSULATION KIT FOR SUPPLIES, DRAIN PIPING AND TRAP FOR ALL HANDICAP ACCESSIBLE LAVATORIES AND SINKS, INSULATION KIT		



EXISTING SANITARY RISER TO REMAIN

WASTE AND VENT SYSTEMS.	OR DRAIN ADJACENT TO A			
		LL INDOOK AIK HANDLING UNI	rs. Connect floor drain to	NEAREST SANIT
	WITH ¼" TURN BRASS VALV	/E, AT ALL REFRIGERATOR LOC	CATIONS. COORDINATE WITH OW	VNER FOR FINAL
25. PROVIDE 1/2" ANGLE STOP V MAKER. COORDINATE WITH OV			COLD WATER LINE THROUGH C	OUNTERTOP FC
	PIPE &	FITTINGS	CHEDULE	
TYPE	SIZE	MATERIAL	FITTINGS	LOCAT
	15" AND SMALLER	HVY. DUTY C.I. HUBLESS	HVY. DUTY NO-HUB COUPLINGS	ABOVE G BELOW (
WASTE AND VENT	15" AND SMALLER	HVY. DUTY C.I. HUB AND SPIGOT	HVY. DUTY C.I. HUB AND SPIGOT	BELOW (16 MIL WF
	ALL SIZES	SCHEDULE 40 PVC	SCHEDULE 80 PVC	BELOW
LAB WASTE AND VENT	ALL SIZES	GLASS REINFORCED EPOXY (GRE)	GLASS REINFORCED EPOXY (GRE)	ABOVE G BELOW
LAB WASTE AND VENT P-TRAPS	ALL SIZES	GLASS	VITON SEALS	ABOVE
GREASY WASTE AND VENT	ALL SIZES	HVY. DUTY C.I. HUBLESS	HVY. DUTY NO-HUB COUPLINGS	ABOVE G BELOW
	ALL SIZES	TYPE "L" HARD COPPER	WROUGHT COPPER	ABOVE
DOMESTIC WATER		SCHEDULE 80 CPVC	SCHEDULE 80 CPVC	ABOVE
DOMESTIC WATER	ALL SIZES	TYPE "K" HARD COPPER	WROUGHT COPPER SILVER BRAZED	BELOW
		SCHEDULE 80 CPVC	SCHEDULE 80 CPVC	(16 MIL WI
	ALL SIZES	TYPE "L" HARD COPPER	WROUGHT COPPER	ABOVE
NATURAL GAS	ALL SIZES	TYPE "K" HARD COPPER	WROUGHT COPPER SILVER BRAZED	BELOW (16 MIL W
	ALL SIZES	SCHEDULE 40 STEEL PIPE	THREADED FITTINGS	ABOVE G BELOW
CONDENSATE DRAIN	ALL SIZES	SCHEDULE 80 CPVC	SCHEDULE 80 CPVC	ABOVE G BELOW
LAB GASES	ALL SIZES	316 STAINLESS STEEL	316 STAINLESS STEEL (ORBITAL WELDED)	ABOVE
VACUUM AIR (VAC)	ALL SIZES	SCHEDULE 40 PVC	SCHEDULE 40 PVC	ABOVE
COMPRESSED AIR	ALL SIZES	TYPE "K" COPPER	WROUGHT COPPER	ABOVE
DEIONIZED WATER (DI)	ALL SIZES	SCHEDULE 80 CPVC	SCHEDULE 80 CPVC	ABOVE

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GENERAL PLUMBING NOTES

REQUIRED.

PRIOR TO BIDDING.

12. PROVIDE INSULATION KIT FOR SUPPLIES, DRAIN PIPING AND TRAP FOR ALL HANDICAP ACCESSIBLE LAVATORIES AND SINKS. INSULATION KIT SHALL BE EQUAL TO TRUEBRO MODEL 103 (WHITE). WHERE PROTECTIVE SKIRT UNDER FIXTURES IS PROVIDED, INSULATION OF PIPING IS NOT

13. CONTRACTOR SHALL COORDINATE WITH PHASING REQUIREMENTS PROVIDED BY ARCHITECT/OWNER. TEMPORARY SERVICES SHALL BE PROVIDED FOR ANY AREA SERVED BY ANOTHER AREA IF DEMOLITION OF EXISTING SERVICE IS NECESSARY. COORDINATE ALL PLUMBING WORK WITH PHASING PLAN AS REQUIRED TO COMPLETE WORK.

14. EXISTING SERVICES INDICATED ON THESE DRAWINGS WERE DERIVED FROM EXISTING DRAWINGS AND LIMITED FIELD OBSERVATIONS. THESE DRAWINGS MAY NOT BE ALL INCLUSIVE OF SERVICES THAT EXIST IN THE PROJECT AREA. CONTRACTOR SHALL VERIFY SERVICES, LOCATIONS, TYPE, AND SIZE PRIOR TO ANY BIDDING, PRICING, OR CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INVOLVING DEMOLITION TIE-INS AND ROUTING CONFLICTS WITH EXISTING CONDITIONS. ANY DEVIATIONS IMPACTING WORK SHOWN ON THESE DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT FOR COORDINATION PRIOR TO CONSTRUCTION.

15. PROVIDE FULL PORT BALL VALVES AT BRANCH LINES SERVING EACH ROOM WITH PLUMBING FIXTURES SUCH THAT EACH ROOM MAY BE INDIVIDUALLY ISOLATED. ACCESS SHALL BE PROVIDED.

16. PROVIDE CLEANOUTS AT ALL 90° SANITARY SEWER ELBOWS AND IN ACCORDANCE WITH APPLICABLE CODES.

17. EXISTING TIE-IN POINTS ARE APPROXIMATE, FIELD VERIFY ACTUAL TIE-IN POINTS AND PROVIDE PIPING RUNS AS REQUIRED FOR TIE-INS,

18. ALL SANITARY SEWER AND STORM DRAIN PIPING SHOWN SHALL BE RUN BELOW FLOOR, UNLESS NOTED OTHERWISE.

19. ALL CW, HW, HWR, NATURAL GAS, FIRE PROTECTION, AND VENT PIPING SHOWN SHALL BE RUN ABOVE CEILING, UNLESS NOTED OTHERWISE. 19. ALL CW, HW, HWR, NATURAL GAS, FIRE PROTECTION, AND VENT PIPING SHOWN SHALL BE RUN ABOVE CEILING, UNLESS NOTED OTHERWISE.

20. UNLESS OTHERWISE NOTED, ALL DRAINS SHALL BE INSTALLED AT THE LOW POINT OF ROOFS, AREAWAYS, FLOOR, ETC.

21. ALL CLEANOUTS SHALL BE THE FULL SIZE OF THE PIPE FOR PIPE SIZES 6 IN AND SMALLER, AND SHALL BE 6 IN FOR PIPE SIZES LARGER THAN



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PLUMBING NOTES AND LEGENDS







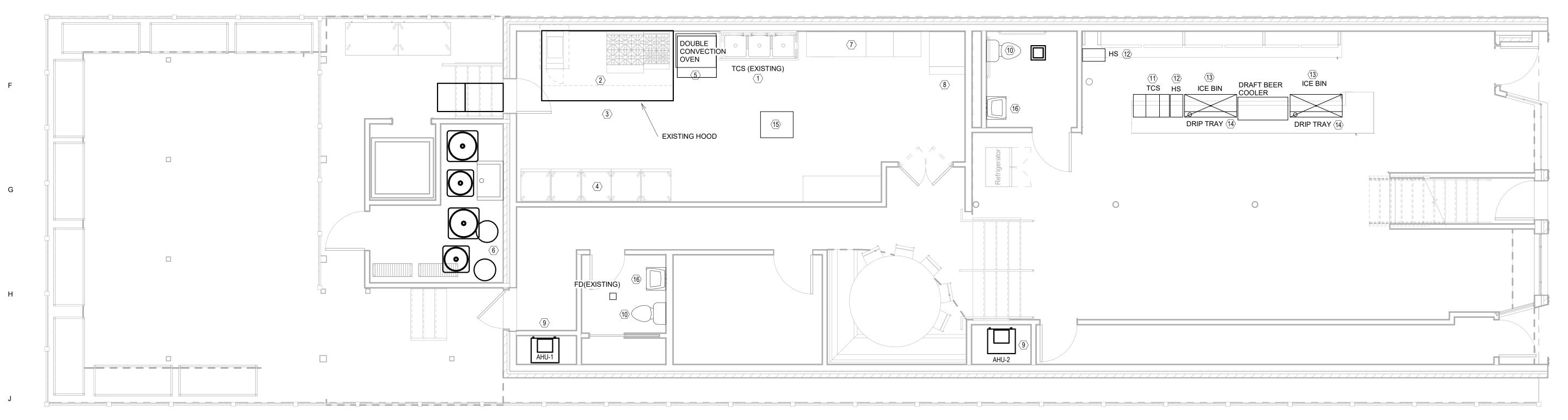












KEYED PLAN NOTES:

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- $\langle 1 \rangle$ EXISTING TRIPLE COMPARTMENT SINK TO REMAIN.
- $\langle \underline{2} \rangle$ All existing equipment under hood to remain.
- $\langle \underline{3} \rangle$ Existing hood and makeup air plenum to remain.
- $\langle \underline{4} \rangle$ EXISTING REACH IN REFRIGERATOR TO REMAIN.
- $\langle 5 \rangle$ NEW DOUBLE CONVECTION OVEN. PROVIDE 3/4" NPT GAS SERVICE CONNECTION TO EACH OVEN.
- $\langle \underline{6} \rangle$ Existing water heaters to remain.
- $\langle \overline{7} \rangle$ all dishwasher and dishtables to remain.
- (8) PROVIDE 1/2" DCW TO NEW ICEMAKER WITH BIN. TIE INTO EXISTING WATER SERVICE IN KITCHEN. PROVIDE 3/4" SANITARY CONNECTION.
- (9) ROUTE CONDENSATE DRAIN LINE TO EXTERIOR OF BUILDING.
- $\langle \overline{10} \rangle$ EXISTING LAVATORY AND WATER CLOSET TO REMAIN.

- (11) PROVIDE 1/2" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER CONNECTIONS TO TRIPLE COMPARTMENT SINK.
- 12 PROVIDE 1/2" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER TO HAND SINK. PROVIDE THERMOSTATIC MIXING VALVE TYPICAL OF WATTS MODEL LFMMVM1-UT 1/2.
- $\langle \underline{13} \rangle$ PROVIDE 1-1/2" SANITARY CONNECTION TO ICE BIN. CONNECT TO EXISTING SANITARY RISER.
- (14) PROVIDE 1/2" DOMESTIC COLD WATER CONNECTION TO GLASS RINSER.
- $\overline{(15)}$ EXISTING GREASE TRAP TO REMAIN.

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 $\langle \overline{16} \rangle$ EXISTING LAVATORY TO REMAIN.

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- A. THESE PLANS ARE DIAGRAMMATIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW SERVICES TO FIT ACTUAL JOB CONDITIONS.
- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN PIPING AND DUCTWORK ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE PLUMBING WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. ALL FLOOR DRAINS SHALL HAVE TRAP PRIMER CONNECTIONS.





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 12019

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PLUMBING PLAN



