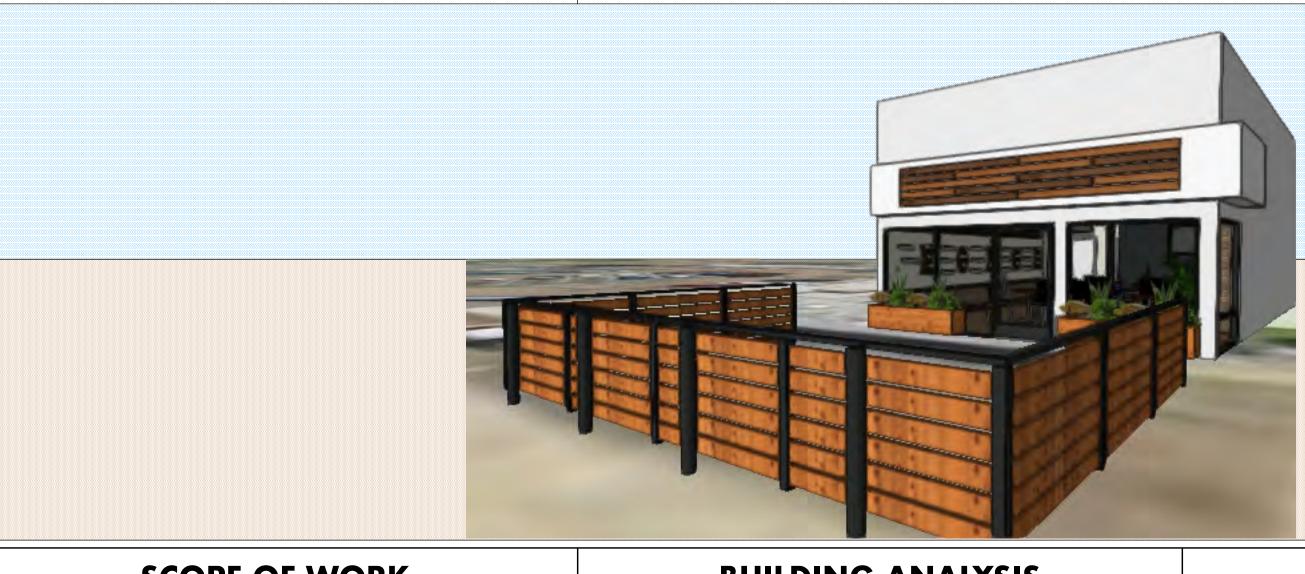
ABBREVIATIONS

ABV	1
	above
AFF ACOUS	above finished floor acoustical
ACT	acoustical ceiling tile
ADJ A/C	adjacent air conditioning
ALT	alternate
ALUM AB	aluminum anchor bolt
APPROX ARCH	approximate architectural
AD	area drain
ASPH	asphalt
вм	beam
BRG BR	bearing bedroom
BLW	below
BLK BLKG	block blocking
BD	board
BOT BO	bottom bottom of
BLDG	building
САВ	cabinet
CPT CI	carpet cast iron
СВ	catch basin
CLG CJ	ceiling ceiling joist
CEM CTR	cement center
CL	center line
CT CO	ceramic tile clean out
CLR	clear
CLO CW	closet cold water
COL CONC	column concrete
CMU	concrete masonry unit
CONSTR CONT	construction continuous
CONTR	contract
CORR CNTR	corridor counter
DEMO DEPT	demolition department
DET DIA	detail diameter
DIM	dimension
DW DR	dishwasher door
DBL DH	double double hung
DF	double hung douglas fir / drinking fountain
DN DS	down downspout
DWG	drawing
EA	each
E EN	east
EIN	edge nailing electrical
EL EQ	elevation equal
EXH	exhaust
EXP EJ	expansion / exposed expansion joint
EXT	exterior
	face of
FO	
FOC	face of concrete
FOC FOM FOS	face of concrete face of masonry face of stud
FOC FOM	face of concrete face of masonry
FOC FOM FOS FIN FF FIN GR	face of concrete face of masonry face of stud finish finished floor finish grade
FOC FOM FOS FIN FF FIN GR FE FEC	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet
FOC FOM FOS FIN FF FIN GR FE	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture
FOC FOM FOS FIN FF FIN GR FE FEC FP FX	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FJ FMC FLR SK FLUOR FL	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FLR FD FJ FMC FLR SK FLUOR FL FT FTG	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDN FR DR	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FTT FTG FAU FDTN FR DR FG FURR GALV GD	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA	face of concrete face of masonry face of stud finish finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor goist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD	face of concrete face of masonry face of stud finish finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor gist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GVP BD GWB	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD	face of concrete face of masonry face of stud finish finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor goist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW	face of concrete face of masonry face of stud finish finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS	face of concrete face of masonry face of stud finish finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardwood header heating
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDR HDR HDR HDR HTG HVAC HT	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor gist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating ventilation air condition height
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG HVAC	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor goist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardword header heating heating ventilation air condition
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GVP BD GWB HCP HS HDW HDWD HDR HTG HVAC HT HD HC HM	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating ventilation air condition height hold down hollow core hollow metal
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG HVAC HT HD HCRZ HB	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG HVAC HT HD HC HM HORZ	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GVP BD GWB HCP HS HDW HDR HTG HVAC HT HD HC HM HORZ HB HWH HR	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb hot water heater hour
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDR HDWD HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HS HDW HDR HCP HC HCP HS HDW HDR HCP HC HCP HS HDW HDR HCP HCP HS HDW HDR HCP HCP HS HDW HDR HCP HCP HS HS HCP HS HS HS HS HS HS HS HS HS HS HS HS HS	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb hot water heater
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG HVAC HT HD HC HM HDWD HDR HC HT HD HDWD HDR HC HT HD HDWD HDR HDWD HDWD	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb hot water heater hour
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDR HDR HDR HDR HDR HDR HDR HDR HDR HDR	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher fire extinguisher cabinet fire extinguisher cabinet fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb hot water heater hour identification include / including insulation interior
FOC FOM FOS FIN FF FIN GR FE FEC FP FX FIXT FWP FLR FD FJ FMC FLR SK FLUOR FL FT FTG FAU FDTN FR DR FG FURR GALV GD GA GL GR GFCI GYP BD GWB HCP HS HDW HDWD HDR HTG HVAC HT HD HC HM HDWD HDR HC HT HD HDWD HDR HC HT HD HDWD HDR HDWD HDWD	face of concrete face of masonry face of stud finish finished floor finish grade fire extinguisher cabinet fire extinguisher cabinet fireplace fixed fixture flat wall paint floor floor drain floor joist floor material change floor sink fluorescent flush foot / feet / fire treated footing forced air unit foundation french door fuel gas furring galvanized garbage disposal gauge glass grade ground fault circuit interrupter gypsum board gypsum wall board handicap hard surface hardware hardwood header heating heating ventilation air condition height hold down hollow core hollow metal horizontal hose bibb hot water heater hour

JST	joist
KP	king post
KIT	kitchen
LB LAM LNDSCP LAU	lag bolt / pound laminated landscape
LAV LH	laundry lavatory left hand(ed) lists
LT	light
LW	light weight
LWC	light weight concrete
LUM	luminous
MH MFD ML MFR MBL MAS MO MATL MAX MECH MED MEMB MTL MID MIN MID MIN MISC MT	manhole manufactured manufacturer marufacturer marble masonry masonry opening material maximum mechanical medium membrane metal microwave middle minimum miscellaneous mount
NOM	nominal
N	north
NA	not applicable
NTS	not to scale
NO	number
OFF	office
OC	on center
OPNG	opening
OPP	opposite
OPT	optional
OSB	oriented strand board
O	oven
O/	over
OH	over
PT PG PAR PART P BD PTN PERM PLAS PL PLYWD POC POL POL PT PREFAB PROP	paint paint grade parapet partial particle board partition permanent plaster / plastic plate / property line plywood point of connection polished post tension / pressure treated prefabricated property
QT	quarry tile
R	radius / riser
RWD	redwood
RCP	reflected ceiling plan/
REF	refrigerator / reference
REINF	reinforced / reinforcement
REQ	required
RESIL	resilient
RF	resilient flooring
ROW	right of way
RD	roof drain
RR	roof rafter
RM	room
RO	rough opening
SCHED SCP SHTG SHT SM S&P SIM SH SLDG SD SC STC SPEC SQ SF SSL STD STL STD STL STDR STL STDR STL STOR STRUCT SUSP SYMM	schedule scupper sheathing sheet sheet metal shelf and pole similar single hung sliding smoke detector / storm drain solid core sound transmission class specification / specified square square foot / square feet stainless steel standard steel storage structural suspended / suspension symmetrical
TEMP	tempered
TEXT	texture
THK	thickness
T&G	tongue and groove
TO	top of
TOC	top of concrete
TOP	tope of parapet
TOW	top of wall
TYP	typical
UNO	unless noted otherwise
UTIL	utility
VAR	varies
VTR	vent though roof
VTW	vent though wall
VERT	vertical
VYL	vinyl
WC WP WO WDW W/ W/O WD	water closet waterproof west where occurs window with without wood



SCOPE OF WORK

PROPOSED IS THE TENANT IMPROVEMENT OF THE COMMERCIAL SHELL SPACE LOCATED AT BROADWAY, LEMON GROVE, CA 91945 TO INCLUDE A MEETING SPACE WITH STAGE, TWO CONFERENCE ROOMS, AND A KITCHENETTE (THERE WILL BE NO FOOD PREPARED ON SITE). THE ABOVE PROPOSED CONSTRUCTION IS AS DETERMINED BY THE TENANT, AND AS SHOW THESE CONSTRUCTION DOCUMENTS.

JURISTICTION HAVING AUTHORITY

CODE ANALYSIS

GOVERNING CODES		
THESE DOCUMENTS AND THIS PROJECT SHALL	CONFORM WITH THE FOLLO	WING CODES:
2022 CALIFORNIA CODE OF REGULATI	ONS TITLE 24	
WHICH INCORPORATES:	REFERENC	CED HEREIN AS:
2022 CALIFORNIA BUILDING C	ODE	CBC
2022 CALIFORNIA MECHANIC		CMC
2022 CALIFORNIA ELECTRICAL		CEC
2022 CALIFORNIA PLUMBING	CODE	CPC
2022 CALIFORNIA FIRE CODE		CFC
2022 CALIFORNIA GREEN BUIL		
2022 CALIFORNIA ENERGY CC 2022 CALIRORNIA ENERGY EFI		CENC CEES
	-	
ZONE:	7	
HAZARD ZONE		
VERY HIGH FIRE HAZARD ZONE:	NOT APPLICABLE	
SPECIAL FLOOD HAZARD AREA ZONE:	NOT APPLICABLE	
PLANNING ZONE(S)		
BASE ZONE:	VC5 - VILLAGE CO	MMERCIAL 5
OVERLAY ZONE:	DVSP - DOWNTOV	VN VILLAGE SPEC
OCCUPANCY CLASSIFICATION	ORIGINAL	PROPOSE
OCCUPANCY TYPE:	м	В
PRIMARY USE:	RETAIL	OFFICE
CONSTRUCTION TYPE:	VB - NON-RATED	
ALLOWABLE HEIGHT	ORIGINAL	PROPOSE
FEET & INCHES:	40'-0"	40'-0"
STORIES:	2	2
ALLOWABLE AREA	ORIGINAL	PROPOSE
SQUARE FOOTAGE:	9,000 SF	9,000 SF
FIRE SPRINKLERS	ORIGINAL	PROPOSE
SPRINKLERED?:	NO	NO

APPLICABLE:

SPECIAL INSPECTION OR PERMIT A PROPERTY OWNER'S FINAL REPORT FORM FOR WORK REQUIRED TO HAVE SPECIAL INSPE TESTING AND STRUCTURAL OBSERVATIONS MUST BE COMPLETED BY THE PROPERTY OWNER PROPERTY OWNER'S AGENT OF RECORD, ARCHITECT OF RECORD, OR ENGINEER OF RECORD SUBMITTED TO THE INSPECTION SERVICES DIVISION.

NO

THE SPECIAL INSPECTOR MUST BE CERTIFIED BY THE CITY OF SAN DIEGO, DEVELOPMENT SEF IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.

THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE CITY OF DIEGO, DEVELOPMENT SERVICES, FOR TESTING MATERIALS, SYSTEMS, COMPONENTS AND, EQUIPMENT.

FABRICATOR MUST BE APPROVED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES FOR FABRICATION OF MEMBERS AND ASSEMBLIES ON THE PREMISES OF THE FABRICATOR'S SHO

FABRICATOR SHALL SUBMIT A 'CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION' TO INSPECTION SERVICES DIVISION PRIOR TO ERECTION OF FABRICATED ITEMS AND ASSEMBLI

THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBST FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY A CITY'S BUILDING INSPECTOR.

NO SPECIAL INSPECTIONS REQUIRED

		B	UI	LD							S	S					
7963		FLO	OR A	REA	&	occi	JPA	NC	Y C	ALCU	ILAT	ION					
/N ON	ROOM NAM	١E	OCC 1	UPAI IYPE	NCY	RC	0N	1 AR	EA		cupa D Fa			OCCUPANT LOAD			
	AUDIENCE SEATI (UNCONCENTRA TABLES & CHAIRS		420) SF		15 NET				28							
	CIRCULATION			В			203	5 SF		15	0 GRC	SSS		2			
	STAGE		B1				91 SF				15 NE	T			7		
	AUDIO/VISUAL T	ECH		В			54	SF		15	0 GRG	SSS			1		
	CONFERENCE RA	۸1		В			232	2 SF		15	0 GRG	SSS			2		
	CONFERENCE RA	12		В			218	3 SF		15	0 GRG	SSS			2		
	CORRIDOR			В			37	I SF		15	0 GRG	OSS			3		
	KITCHENETTE			В			62	SF		15	0 GRG	OSS			1		
	RESTROOM 1			В			32	SF		15	0 GRG	SSS			1		
	RESTROOM 2			В			67	SF		15	0 GRC	SSS			1		
	STORAGE			В			30	SF		15	0 GRC	SSS		1			
	TOTAL AREA &	occui	PANT L	.OAD			1,78	81 SF						4	19		
	pe oc 2. A (7	ersons o ccupano room o 0 m2)	or space and acc cy or as or space in area occupa	essory part oused and c	y to a of tha l for a access	inothe at occu assemb sory to	r occ ipano oly pi o ano	upan cy. urpos other c	cy sh es th occup	all be at is le pancy :	classif ss thai	ied as n 750	s a Gr squa	roup B re fee			
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D							JKE					•	CINI				
		(SF)	OCCUPANT LOAD				W	/C	LS LS	L	4V	SHR		SINGLE OCC		~	
	OCCUPANCY TYPE	AREA (FACTOR	TOTAL	MEN	WOMEN	MEN	WOMEN	URINALS	MEN	WOMEN	TUB / SI	MEN	WOMEN	DF	OTHER	
D	B/M OCCUPANCY																
	Meeting Space & Conference Rooms	1,781	100	18	9	9	1	1	1	1	1	0	-	-	0	11	
)	TOTAL PLUMBING F TOTAL PLUMBING COMPLIANCE STAT	FIXT)	0	0 0 1	0 0	0 0	0 0	0 0		² 2 √	0 0	1 1 √	
				,		L	v	v	v	v	v	v		v	v	v	
	¹ SERVICE SINK / L/ ² PER CPC SECTION OCCUPANT LOAD (FACILITY, DESIGNEI PERMITTED FOR US	422.2 DF 50 D FOR E BY B(2(3), IN OR LES USE BY OTH SE	BUSII S INC ' NO I XES.	MOR	NG CI E THA	USTC N O	DMER NE PE	S AN ERSC	ND EM ON AT	PLOYI A TIM	EES, C E, SH	ONE T ALL B	OILET E	T		
ions, and	NOTE: SINGLE OCC CLOSET AND 1 LAV										IED A	S HAV	/ING	IWA			
7.1.12		PARKING CALCULATION															
ICES,	TOTAL PROJECT SF		PARK	ING	RAT	10	S	PACI STE		EQU	ired Da		ACES STD	PRC	OVIDI ADA		
SAN	1,781 SF	3.0	0 SPAC	ES PEI	r 1,0	00 SF		6			1		47		5		
THE	 All provided p improvement. 	_	-	-					-			-					
DP. D THE IES.	2. No additions of improvement is Sections 5.106	s exem	pt from	addin	ng bio	ycle a	nd el	lectric	vehi	icle pa							
TITUTE																	

BUILDING ANALYSIS

TENANT: GRACE COMMUNION INTERNATIONAL ATTN: ANNE STAPLETON 7915 LONGDALE DRIVE LEMON GROVE, CA 91945 PHONE: 619-808-3033 FAX: N/A EMAIL: ANNE.STAPLETON@GCI.ORG

DESIGNER: SETH SMITH ATTN: N/A 8064 GOLDEN AVE, APT F LEMON GROVE, CA 91945 PHONE 619-365-0472 FAX: N/A EMAIL: SETH.ANDREW.SMITH@GMAI

DEFERRED SUBMITTALS

DIRECTORY

PLANS FOR THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED IN A TIMELY MANN ALLOWS A MINIMUM OF 30 WORKING DAYS FOR INITIAL PLAN REVIEW. ALL COMMEI TO THE DEFERRED SUBMITTAL ITEMS MUST BE ADDRESSED TO THE SATISFACTION OF TH OFFICIAL PRIOR TO THE APPROVAL OF ITEMS. INSPECTIONS OF DEFERRED SUBMITTAL NOT BE PREFORMED UNTIL THE ITEM IS APPROVED.

IT IS UNDERSTOOD THAT PLANS FOR THE PROJECT HAVE, AT THIS TIME, BEEN REVIEWE COMPLIANCE WITH ALL APPLICABLE STATE AND COUNTY/CITY REGULATIONS, AND TH PROJECT AS A WHOLE HAS BEEN APPROVED BY THE JURISTICTION HAVING AUTHORIT EXCEPTION OF THE DEFERRED ITEMS LIST.

I/WE UNDERSTAND THAT I/WE WILL NOT BE AUTHORIZED ANY INSPECTION OF THE D ITEMS PROPOSED PRIOR TO THE SUBMITTAL AND APPROVAL OF PLANS AND/OR CALC DEFERRED ITEMS.

COMPLETE PLANS AND SPECIFICATIONS FOR ALL EXTINGUISHING SYSTEMS, INCLUDIN AUTOMATIC SPRINKLER AND STANDPIPE SYSTEMS AND OTHER SPECIAL FIRE EXTINGUIS SYSTEMS AND RELATED APPURTENANCES SHALL BE SUBMITTED TO THE JURISTICTION I AUTHORITY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION, PER CFC SECTION

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO TH DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, WHO SHALL REVIEW THEM AND F THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GE CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED ITEMS SHALL N INSTALLED UNTIL THEIR DESIGN AND DOCUMENTS HAVE BEEN APPROVED BY THE BUIL OFFICIAL.

• NO DEFERRED SUBMITTALS REQUIRED

NOTICES

TO THE APPLICANT | OWNER | OWNER'S AGENT | ARCHITECT or ENGINEER OF BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION AND/OF INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF THE JURISTICTION HAVING AUTHORITY FOR SPECIAL INSPECTIONS STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING, AND OFF-SITE FABR BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS, REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.

TO THE CONTRACTOR | BUILDER | INSTALLER | SUB-CONTRACTOR | OWNER-BU BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION AND/O INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AKNOWLEDGE AND ARE AWAR REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS, STRUCTUR OBSERVATIONS, CONSTRUCTION MATERIAL TESTING, AND OFF-SITE FABRICATION OF COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS, AND AS RE THE CALIFORNIA BUILDING CODES.

LEGAL DESCRIPTION & VICINITY

APN: 480-133-04-00 LEGAL DESCRIPTION: MAP 16059 - CITY OF LEMON GROVE MAP 686 - RHO MISSION SUB NO 2 OF LOT 12 ROS - 1594, 18 SAN DIEGO COUNTY ASSESSORS MAP BOOK 480 PAGE 13 B PARCEL 4. L KUNKEL PARK 🖵 LAMAR COUN = BROADWAY = _ SITE: 7963 BROADWAY SKATE PARK LEMON GROVE, CA 91945 - TROY S] PALM ST 🛨 🗁 印식 125 🖯 ኛ 🗸 LEMON GROVE PARK - 7 BERRY ST PARK

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VE TCT NO 0055. 1822, 4861. BLOCK 3 UNTY PARK ST T T T T T T T T T T T T T	DATE 09-08-2024 10-07-2024	DESCRIPTION BID SET #1 CITY OF LEMON GROVE BUILDING DEPT SUBMITTAL #1	DATE 07-01-2024 07-18-2024 08-05-2024 10-07-2024	DESCRIPTION INTERWEST COMPLETENESS REVIEW CITY OF LEMON GROVE MUP PRELIMINARY CONSULTATION CITY OF LEMON GROVE MUP SUBMITTAL #1 CITY OF LEMON GROVE BUILDING DEPT SUBMITTAL #1	JOB NUMBE DATE PUBLIS DRAWN BY: 	HED: 10	24-SS-01 .07.2024 SS
	PL	AN CHECK #: N	ot yei	ASSIGNED		4000	

2022 CALGREEN MANDATORY CHECKLIST (AMENDED 07-01-24) CGBC CHAPTER 3

SECTION 301 GENERAL

301.1 - SCOPE

Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.2 - LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS

[HCD] The provisions of individual sections of CALGreen may apply to either low-rise residential buildings, high-rise residential buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and high-rise buildings, no banner will be used.

301.3 - NONRESIDENTIAL ADDITIONS AND ALTERATIONS

[BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations **[A]**. When the code section applies to both, no banner will be used.

301.3.1 - NONRESIDENTIAL ADDITIONS & ALTERATIONS THAT CAUSE UPDATES TO PLUMBING FIXTURES ONLY:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 - WASTE DIVERSION

The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 - PUBLIC SCHOOLS AND COMMUNITY COLLEGES (see GBSC) 301.5 - HEALTH FACILITIES (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 - MIXED OCCUPANCY BUILDINGS In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

Exceptions

1. [HCD] Accessory structures and accessory occupancies serving residential buildings shall comply with Chapter 4 and Appendix A4, as applicable.

2. [HCD] For the purposes of CALGreen, live/work units, complying with Section 508.5 of the California Building Code, shall not be considered mixed occupancies. Live/work units shall comply with Chapter 4 and Appendix A4, as applicable.

SECTION 303 PHASED PROJECTS 303.1 - PHASED PROJECTS

For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 - INITIAL TENANT IMPROVEMENTS

The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 nonresidential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD	Department of Housing and Community Development
BSC	California Building Standards Commission
BSC-CG	California Building Standards Commission-CALGreen
DSA-SS	Division of the State Architect, Structural Safety
OSHPD	Office of Statewide Health Planning and Development
LR	Low Rise
HR	High Rise
Α	Additions and Alterations
Ν	New

CGBC CHAPTER 5

NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

5.101 - GENERAL

5.101.1 - SCOPE

The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

5.102 - DEFINITIONS 5.101.2 - DEFINITIONS

The following terms are defined in Chapter 2 (and are included here for reference).

CUTOFF LUMINAIRES

Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

TENANT-OCCUPANTS

Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

ZEV Any vehicle certified to zero-emission standards.

5.105 - DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES 5.105.1 - SCOPE

[BSC-CG] Effective July 1, 2024, alteration(s) to existing building(s) where the combined altered floor area is 100,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 100,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. Effective January 1, 2026, the combined floor area shall be 50,000 square feet or greater.

[DSA-SS] Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 50,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3.

Exception [BSC-CG, DSA-SS]:

Combined addition(s) to existing building(s) of two times the area or more of the existing building(s) is not eligible to meet compliance with Section 5.105.2.

5.105.2 - REUSE OF EXISTING BUILDING

An alteration or addition to an existing building shall maintain at a minimum 45 percent combined of the existing building's primary structural elements (foundations; columns, beams, walls, and floors; and lateral elements) and existing building enclosure (roof framing, wall framing and exterior finishes). Window assemblies, insulation, portions of buildings deemed structurally unsound or hazardous, and hazardous materials that are remediated as part of the project shall not be included in the calculation.

5.105.2.1 - VERIFICATION OF COMPLIANCE

Documentation shall be provided in the construction documents to demonstrate compliance with Section 5.105.2.

Sample Worksheet WS-3 in Chapter 8 may be used to assist in documenting compliance with this section.

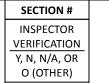
5.106 - SITE DEVELOPMENT

5.106.1 - STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT

DISTURB LESS THAN ONE ACRE OF LAND Newly constructed projects and additions which disturb less than one acre of land and are not part of a larger common plan of development or sale shall prevent the pollution of stormwater runoff from the construction activities through one or more of the following measures:

5.106.1.1 - LOCAL ORDINANCE

Comply with a lawfully enacted storm water management and/or erosion control ordinance.



5.106.1.2 - BEST MANAGEMENT PRACTICES (B Prevent the loss of soil through wind or water erosic sediment control and good housekeeping BMP's. 1. Soil loss BMP's that should be considered

but are not limited to, the following: a. Scheduling construction activity b. Preservation of natural featur c. Drainage swales or lined ditch d. Mulching or hydroseeding to e. Erosion control to protect slop f. Protection of storm drain inle g. Perimeter sediment control (p **h.** Sediment trap or sediment b i. Stabilized construction exits. j. Wind erosion control.

k. Other soil loss BMP's accepta 2. Good housekeeping BMP's to manage and wastes that should be considered for are not limited to, the following:

5.106.2 - STORM WATER POLLUTION PREVENTION FOR DISTURB ONE OR MORE ACRES OF LAND Comply with all lawfully enacted stormwater discharge regula (2) disturb less than one acre of land but are part of a larger of

Projects that (1) disturb one acre or more of land, c common plan of development or sale must comply v applicable National Pollutant Discharge Elimination Associated with Construction and Land Disturbance or the Lahontan Regional Water Quality Control Boa

The NPDES permits require postconstruction runoff (post-proj (pre-project hydrology) with the installation of postconstruction emphasize runoff reduction through on-site stormwater use, i nonstructural controls, such as Low Impact Development (LID) volume that cannot be addressed using nonstructural practice approved by the enforcing agency.

Refer to the current applicable permits on the State Water Res www.waterboards.ca.gov/constructionstormwater. Consideration be given during the initial design process for appropriate integ

5.106.4 - BICYCLE PARKING

For buildings within the authority of California Building Standa Section 5.106.4.1. For buildings within the authority of the Div with Section 5.106.4.2.

> 5.106.4.1 - BICYCLE PARKING [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.10 stricter.

5.106.4.1.1 - SHORT-TERM BICYCLE P If the new project or an addition or alterat permanently anchored bicycle racks within passers-by, for 5 percent of new visitor mo of one two-bike capacity rack.

5.106.4.1.2 - LONG-TERM BICYCLE PA For new buildings with tenant spaces that parking for 5 percent of the tenant-occupa parking facility.

5.106.4.1.3 For additions or alterations that add 10 or secure bicycle parking for 5 percent of the minimum of one bicycle parking facility.

5.106.4.1.4 For new shell buildings in phased projects tenant-occupant vehicular parking spaces

5.106.4.1.5 Acceptable bicycle parking facility for Sect convenient from the street and shall meet

1. Covered, lockable enclosures 2. Lockable bicycle rooms with p 3. Lockable, permanently ancho

Note:

5.106.4.2 - BICYCLE PARKING [DSA-SS] For public schools and community colleges

5.106.4.2.1 - STUDENT BICYCLE PARK Provide permanently anchored bicycle rack capacity racks per new building.

5.106.4.2.2 - STAFF BICYCLE PARKING Provide permanent, secure bicycle parking parking spaces per new building. Acceptab

or staff parking area and shall meet one of 1. Covered, lockable enclosures

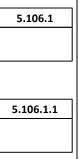
2. Lockable bicycle rooms with p 3. Lockable, permanently anchor

5.106.5.3 - ELECTRIC VEHICLE (EV) CHARGING [N] [BSC-CG] Construction to provide electric vehicle comply with Section 5.106.5.3.1 EV capable spaces, associated Table 5.106.5.3.1, or Section 5.106.5.3.6 method and associated Table 5.106.5.3.6 and shall k Building Code and the California Electrical Code.

Exceptions:

1. On a case-by-case basis where the local section is not feasible based upon one of a. Where there is no local utility **b.** Where the local utility is unab c. Where there is evidence suita

2. Parking spaces accessible only by auton comply with this code section.



MANAGEMENT PRACTICES (BMP's) f soil through wind or water erosion by implementing an effective combination of erosion and and good housekeeping BMP's. ess BMP's that should be considered for implementation as appropriate for each project include, not limited to, the following:	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.106.1.2	[N] EV capable requirements: 1. Ra diam	aceways complying with the California Electric neter shall be provided and shall originate at a	cal Code and no less than 1-inch (25 mm) a service panel or a subpanel(s) serving the	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.106.5.3.1	CAPABLE IN When EV cap facility or bu include elect 5.106.5.3.1,	building is undergoing an addi ectric vehicle charging in comp 1, or Section 5.106.5.3.6 and a	ble at an existing parking fac tion or alteration listed in Se Iliance with either Section 5. Issociated Table 5.106.5.3.6 (ility or building, and the parking tion 5.106.5.4, construction shall 106.5.3 and associated Table itilizing the existing EV capable	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.106.5.4.2	SET	H SMI	ГН		
 a. Scheduling construction activity during dry weather, when possible. b. Preservation of natural features, vegetation, soil and buffers around surface waters. c. Drainage swales or lined ditches to control stormwater flow. d. Mulching or hydroseeding to stabilize disturbed soils. e. Erosion control to protect slopes. f. Protection of storm drain inlets (gravel bags or catch basin inserts). 		and used 2. A capa spac	, and shall terminate in close proximity to the into a suitable listed cabinet, box, enclosure o I to serve multiple EV capable spaces. service panel or subpanel(s) shall be provided icity for a dedicated 208/240 volt, 40-ampere e, with delivery of 30-ampere minimum to an	or equivalent. A common raceway may be d with panel space and electrical load minimum branch circuit for each EV capable n installed EVSE at each EVCS.		If the area b infrastructur 5.106.5.5 - ELECTRIC	being added or altered exceed ure, provide additional EV cha RIC VEHICLE (EV) CHARGING	ds the existing EV capable ca Irging as needed to comply w G: MEDIUM-DUTY AND H	ith this section.	5.106.5.5	D	ESIGNER			
 g. Perimeter sediment control (perimeter silt fence, fiber rolls). h. Sediment trap or sediment basin to retain sediment on site. i. Stabilized construction exits. j. Wind erosion control. k. Other soil loss BMP's acceptable to the enforcing agency. housekeeping BMP's to manage construction equipment, materials, non-stormwater discharges 		to su 4. Th prote	ne electrical system and any on-site distribution upply full rated amperage at each EV capable so ne service panel or subpanel circuit directory so ective device space(s) as "EV CAPABLE". The re- nanently and visibly marked as "EV CAPABLE."	space. shall identify the reserved overcurrent aceway termination location shall be		manufacturing facilitie future installation of n Exceptions:	ties with planned off-street loa medium- and heavy-duty EVS	ading spaces shall also comp SE.	ail stores, office buildings, and y with Section 5.106.5.5.1 for rmined compliance with this						
 tes that should be considered for implementation as appropriate for each project include, but imited to, the following: a. Dewatering activities. b. Material handling and waste management. c. Building materials stockpile management. d. Management of washout areas (concrete, paints, stucco, etc.). 		Note: A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See Vehicle Code Section 22511.2 for further details.		EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See Vehicle Code Section			EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See Vehicle Code Section	section is no a. b. c.	not feasible based upon one o a. Where there is no local utili b. Where the local utility is un c. Where there is evidence sui	f the following conditions: ty power supply. able to supply adequate pow table to the local enforcing a gn requirements, directly rela	er. gency substantiating that additional ated to the implementation of		LEMO	GOLDEN AVE., APT N GROVE, CA 9194 EMAIL:	45
 e. Control of vehicle/equipment fueling to contractor's staging area. f. Vehicle and equipment cleaning performed off site. g. Spill prevention and control. h. Other housekeeping BMP's acceptable to the enforcing agency. 		TOTAL NUMBER OF ACTUAL PARKING SPACES	TABLE 5.106.5.3.1 NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE) ^{2 3}	TABLE 5.106.5.3.1	Code and as follows:			ling Code, the California Electrical	5.106.5.5.1		EW.SMITH@GMAII PHONE: 619-365-0472	COM		
POLLUTION PREVENTION FOR PROJECTS THAT ACRES OF LAND cted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or e of land but are part of a larger common plan of development or sale.	5.106.2	0-9 10-25 26-50 51-75 76-100	0 4 8 13 17	0 0 2 3 4		GROCERY S STORES WI In order to a or busway(s) at the time of	STORES, OFFICE BUILDING VITH PLANNED OFF-STREE avoid future demolition when (s) and adequate capacity for e of construction in accordanc	GS, AND MANUFACTURIN T LOADING SPACES. [N] n adding EV supply and distri transformer(s), service panel e with the California Electrica	,						
isturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger evelopment or sale must comply with the postconstruction requirements detailed in the al Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges onstruction and Land Disturbance Activities issued by the State Water Resources Control Board egional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).		101-150 151-200 201 AND OVER ¹ Calculation for spaces shall be rounded up	25 35 20% OF ACTUAL PARKING SPACES ¹	6 9 25% OF EV CAPABLE SPACES ¹		1. rev ins 2.		ce equipment and subpanels 5.1 to accommodate the ded s shall indicate one or more l			ш				
postconstruction runoff (post-project hydrology) to match the preconstruction runoff the installation of postconstruction stormwater management measures. The NPDES permits through on-site stormwater use, interception, evapotranspiration and infiltration through as Low Impact Development (LID) practices and conservation design measures. Stormwater essed using nonstructural practices is required to be captured in structural practices and be gency.		EV capable spaces shown in column 2. ³ At least one Level 2 EVSE shall be provided 5.106.5.3.2 -	ELECTRIC VEHICLE CHARGING STATIONS	(EVCS)	5.106.5.3.2	ca ter sh 3. ard	cabinets and charging dispense termination of the raceway(s) shown in Table 5.106.5.5.1. 3. Raceway(s) or busway(s) ori area where potential future m	ers, and a pathway reserved or busway(s) to the charging ginating at a main service pa edium- and heavy-duty EVSE	for routing of conduit from the cabinet(s) and dispenser(s), as nel or a subpanel(s) serving the will be located and shall terminate arging equipment for medium- and		ROV				
observe ole permits on the State Water Resources Control Board website at: onstructionstormwater. Consideration to the stormwater runoff management measures should esign process for appropriate integration into site development.		number indica Level 2 EVSE o One EV charge permitted if th	aces shall be provided with electric vehicle su ted in Table 5.106.5.3.1. The EVCS required be r DCFC as permitted in Section 5.106.5.3.2.1. er with multiple connectors capable of chargin te electrical load capacity required by Section	y Table 5.106.5.3.1 shall be provided with At least one Level 2 EVSE shall be provided. Ing multiple EVs simultaneously shall be		4. sys		tion of the charging for medi	carry the minimum additional um- and heavy-duty ZEVs as shown	TABLE 5.106.5.5.1	じ フ				
nority of California Building Standards Commission as specified in Section 103, comply with ngs within the authority of the Division of the State Architect pursuant to Section 105, comply CLE PARKING with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is		5.10 The i requ	y supplied to the EV charger.)6.5.3.2.1 installation of each DCFC EVSE shall be permit ired EV capable spaces without EVSE or EVCS portionally the required electrical load capacit	with Level 2 EVSE by five and reduce		BUILDING TYPE BUI	NEL POWER REQUIREN		& HEAVY-DUTY EVSE [N] ADDITIONAL CAPACITY REQUIRED (kVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL		MOM		DVE		
.1.1 - SHORT-TERM BICYCLE PARKING w project or an addition or alteration is anticipated to generate visitor traffic, provide	5.106.4.1.1	The)6.5.3.2.2 installation of two low power Level 2 EV charg minimum number of required EV capable space			GROCERY	10,000 TO 90,000	1 OR 2 3 OR GREATER 1 OR GREATER	200 400 400		ΓE	45	I GR(
ently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to by, for 5 percent of new visitor motorized vehicle parking spaces being added, with a minimum wo-bike capacity rack.		ALMS shall be in Section 5.10 Each EVSE con	USE OF AUTOMATIC LOAD MANAGEME permitted for EVCS. When ALMS is installed, i 06.5.3.1 for each EVCS may be reduced when trolled by an ALMS shall deliver a minimum 3 all deliver a minimum 3.3 kW while simultane	the required electrical load capacity specified serviced by an EVSE controlled by an ALMS. 0 amperes to an EV when charging one	5.106.5.3.3	MANUFACTURING FACILITIES GR 1	10,000 TO 50,000	1 OR 2 3 OR GREATER 1 OR GREATER 1 OR 2	200 400 400 200		U U	VAY A 919	MON		
Additions or alterations which add nine or less visitor vehicular parking spaces. .1.2 - LONG-TERM BICYCLE PARKING buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle	5.106.4.1.2	5.106.5.3.4 - When EVSE is	ACCESSIBLE ELECTRIC VEHICLE CHARGIN installed, accessible EVCS shall be provided in 11B, Section 11B-228.3.	IG STATION (EVCS)	5.106.5.3.4	OFFICE BUILDINGS GRE RETAIL	REATER THAN 135,000	3 OR GREATER 1 OR GREATER 1 OR 2 3 OR GREATER 1 OR GREATER	400 400 200 400 400		ВΥ	OADV VE, C	ON LE		
facility. .1.3 tions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide icycle parking for 5 percent of the tenant vehicular parking spaces being added, with a n of one bicycle parking facility.	5.106.4.1.3	5.106.5.3.5 - ELECTRIC VEHICLE CHARGING STATION SIGNAGE Electric vehicle charging stations shall be identified by signage or pavement markings in compliance with Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).	ngs)	WAREHOUSE GRE	20,000 TO 256,000 1 OR 2 200			DC		MUNIO					
.1.4 shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated occupant vehicular parking spaces with a minimum of one bicycle parking facility.	5.106.4.1.4	The power allo Section 5.106. in kVA required	ELECTRIC VEHICLE CHARGING STATION (bocation method may be used as an alternative 5.3.2 and associated Table 5.106.5.3.1. Use Ta d based on the total number of actual parking er allocation method shall include the following	to the requirements in Section 5.106.5.3.1, able 5.106.5.3.6 to determine the total power g spaces.		[DSA-SS] Electric vehic	nicle infrastructure and electri d in accordance with regulatic	c vehicle charging stations sh	D COMMUNITY COLLEGES all comply with Section 5.106.5.6 Code and the California Electrical	5.106.5.6	ЮН	79 EMON	COM		
 1.5 ble bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3 and 5.106.4.1.4 shall be ent from the street and shall meet one of the following: 1. Covered, lockable enclosures with permanently anchored racks for bicycles; 	5.106.4.1.5	1. Us	se any kVA combination of EV capable spaces, least one Level 2 EVSE shall be provided. TABLE 5.106.5.3.6	5	TABLE 5.106.5.3.6	based upon (DSA), comp a.	, , , , , , , , , , , , , , , , , , , ,	ons, and with concurrence b 6 shall not be required. ty power supply.	en demonstrated to be not feasible / the Division of the State Architect		OR		ACE		
 2. Lockable bicycle rooms with permanently anchored racks; or 3. Lockable, permanently anchored bicycle lockers. Note: Additional information on recommended bicycle accommodations may be obtained from Carramento Area Bicycle Advantes 		TOTAL NUMBER OF ACTUAL PARKING SPACES 0-9	MINIMUM TOTAL kVA @ 6.6 kVA 0.0	TOTAL kVA REQUIRED IN ANY COMBINATION OF EV CAPABLE ^{3 4} , LOW POWER LEVEL 2, LEVEL 2 ^{1 2} , OR DCFC 0.0		c. 2. Parking sp comply with	. The installation of EVCS is in	npracticable.	ng systems are not required to	5.106.5.6.1	GHB		GR		
from Sacramento Area Bicycle Advocates. CLE PARKING c schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2.		10-25 26-50 51-75 76-100	26.4 52.8 85.8 112.2	26.4 52.8 85.8 112.2		requirement	L. Raceways complying with th	ne California Electrical Code a	6.6.1 and the following nd no less than 1-inch (25 mm) panel or a subpanel(s) serving the		JEIC				
 .2.1 - STUDENT BICYCLE PARKING permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike racks per new building. .2.2 - STAFF BICYCLE PARKING 		101-150 151-200 201 AND OVER	165.0 231.0 20% OF ACTUAL PARKING SPACES x 6.6	165.0 231.0 TOTAL REQUIRED kVA = P x .20 x 6.6 WHERE P = PARKING SPACES IN FACILITY		ard an us 2. ca	area and shall terminate in clo and into a suitable listed cabin used to serve multiple EV capa 2. A service panel or subpanel capacity for a dedicated 208/2	se proximity to the proposed et, box, enclosure or equival able spaces. (s) shall be provided with par 40 volt, 40-ampere minimum	location of the EV capable space ent. A common raceway may be nel space and electrical load n branch circuit for each EV capable						
 permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street barking area and shall meet one of the following: 1. Covered, lockable enclosures with permanently anchored racks for bicycles; 2. Lockable bicycle rooms with permanently anchored racks; or 		 ¹ Level 2 EVSE @ 6.6 kVA minimum. ² At least one Level 2 EVSE shall be provided ³ Maximum allowed kVA to be utilized for E⁴ If EV capable spaces are utilized, they shall 		.1 EV capable spaces.		3. to 4.	space, with delivery of 30-amp 3. The electrical system and ar to supply full rated amperage a 4. The service panel or subpan protective device space(s) as " permanently and visibly marke	ny on-site distribution transfo at each EV capable space. Iel circuit directory shall iden EV CAPABLE." The raceway to	rmers shall have sufficient capacity tify the reserved overcurrent		Ĕ				
3. Lockable, permanently anchored bicycle lockers.x TRIC VEHICLE (EV) CHARGING truction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall on 5.106.5.3.1 EV capable spaces, Section 5.106.5.3.2 Electric vehicle charging stations and	5.106.5.3	[BSC-CG] Existing buildir 5.106.5.4.1 or 5.106.5.4.	S OR ALTERATIONS TO EXISTING BUILDIN ngs or parking facilities being modified by one .2. When EVSE is installed, accessible EVCS sho , Chapter 11B, Section 11B-228.3.	of the following shall comply with Section	5.106.5.4	TOTAL NUMBER OF PARKING SPACES	TABLE 5.10 NUMBER OF REQUIRI SPACE	ED EV CAPABLE	NUMBER OF EVCS ²	TABLE 5.106.5.6.1		ALGREEN HECKLIST			
.106.5.3.1, or Section 5.106.5.3.6 Electric vehicle charging stations (EVCS)—Power allocation iated Table 5.106.5.3.6 and shall be provided in accordance with regulations in the California the California Electrical Code. ons: case-by-case basis where the local enforcing agency has determined compliance with this s not feasible based upon one of the following conditions:		panel as part c 2. When a new 3. When addit	cope of construction work includes an increas of a parking facility addition or alteration. v photovoltaic system is installed covering exis ions or alterations to existing buildings are tri vork includes an increase in power supply to a	sting parking spaces. ggered pursuant to code Section 301.3 and		10-25 26-50 51-75 76-100 101-150	4 8 13 17 25		1 2 3 4 6		JOB NUMBE DATE PUBLIS DRAWN BY:		24-SS-01 07.2024 SS		
 a. Where there is no local utility power supply. b. Where the local utility is unable to supply adequate power. c. Where there is evidence suitable to the local enforcement agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the president. 		feasible based upon one a. Where there b. Where the l	is where the local enforcing agency has deter of the following conditions: e is no local utility power supply. ocal utility is unable to supply adequate powe e is evidence suitable to the local enforcemen	er.		151-200 201 AND OVER ¹ Calculation for spaces shall be rounded of ² Each EVCS shall reduce the number of re	35 20% OF TC d up to the nearest whole nun	nber.	9 5% OF EV CAPABLE SPACES ¹						
project. Ig spaces accessible only by automated mechanical car parking systems are not required to with this code section.		utility infrastru may adversely d. Where dem 2. Remote parking facilit 3. Parking area lighting u	acture design requirements, directly related to impact the construction cost of the project. onstrated as impracticable excluding local util ities that do not have access to the building se upgrades where no trenching is part of the sco cluding but not limited to water line break in	b the implementation of Section 5.106.5.3, lity service or utility infrastructure issues. rvice panel. ope of work.		EV capable s 5.106.5.6.1 a Fast Chargin		n EVSE to create EVCS in the n 5.106.5.6.2. EVCS shall be in any combination of Level	serviced by Level 2 or Direct Current 2 and DCFC. Accessible EVCS shall	5.106.5.6.2					
		5.106.5.4.1 - CAPABLE INF When EV capa facility or build	EXISTING BUILDING OR PARKING AREAS RASTRUCTURE [A] ble infrastructure does not exist at an existing ling undergoes an addition or alteration listed c vehicle charging in compliance with either S	S WITHOUT PREVIOUSLY INSTALLED EV g parking facility or building, and the parking I in Section 5.106.5.4, construction shall	5.106.5.4.1	Th rea th	required EV capable spaces inc the required electrical load cap	EVSE shall be permitted to re dicated in Table 5.106.5.6.1 b pacity to the service panel or	duce the minimum number of y five and reduce proportionally	5.106.5.6.2.1			[
		5.106.5.3.1, or	Section 5.106.5.3.6 and associated Table 5.10			EV be		nectors capable of charging bad capacity required by Sect	multiple EVs simultaneously shall ion 5.106.5.6.1 for each EV capable	5.106.5.6.2.2		4001			

5.106.5.6.2.3 - USE OF AUTOMATIC LOAD MANAGEMENT SYSTEM (ALMS) ALMS shall be permitted for EVCS installed in accordance with Section 5.106.5.6.2. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.6.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs. 5.106.5.6.3 - EVCS ALTERNATIVE COMPLIANCE	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.106.5.6.2.3	 5.106.12 - SHADE TREES [DSA-SS] Shade trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6. 5.106.12.1 - SURFACE PARKING AREAS Shade tree plantings, minimum No. 10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years. 	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)	 5.303.3.4.3 - WASH FOUNTAINS Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi]. 5.303.3.4.4 - METERING FAUCETS Metering faucets shall not deliver more than 0.20 gallons per cycle. 5.303.3.4.5 - METERING FAUCETS FOR WASH FOUNTAINS 	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.303.3.4.3	 5.407 - WATER RESISTANCE AND MOISTURE MANAGEMENT 5.407.1 - WEATHER PROTECTION Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent. 5.407.2 - MOISTURE CONTROL Employ moisture control measures by the following methods. 	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER) 5.407.1		H SMITH
supplied by the combination of EVSE meets the minimum power indicated in Table 5.106.5.6.3, based on the total number of actual parking spaces in each parking facility.	5.106.5.6.3	Exceptions: Surface parking area covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree plantings.		Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per cycle/20 [rim space (inches) at 60 psi]. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.	5.303.3.4.4	 5.407.2.1 - SPRINKLERS Design and maintain landscape irrigation systems to prevent spray on structures. 5.407.2.2 - ENTRIES AND OPENINGS Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows: 	5.407.2.1		
NUMBER OF PARKING SPACES IN A PARKING FACILITY MINIMUM TOTAL POWER (kVA) REQUIRED FOR EVCS 0-9 0 10-25 7 26-50 14		 5.106.12.2 - LANDSCAPE AREAS Shade tree plantings, minimum No. 10 container size or equal shall be installed to provide shade of 20 percent of the landscape area within 15 years. Exception: Playfields for organized sport activity are not included in the total area calculation. 		5.303.3.4.6 - PRE-RINSE SPRAY VALVE When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1(h)(4) Table H-2, Section 1605.3(h)(4)(A), and Section 1607(d)(7), and shall be equipped with an integral automatic shutoff. FOR REFERENCE ONLY:	5.303.3.4.6	 5.407.2.2.1 - EXTERIOR DOOR PROTECTION Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following: 1. An installed awning at least 4 feet in depth. 	5.407.2.2.1		OLDEN AVE., APT F I GROVE, CA 91945
51-75 20 76-100 27 101-150 40 151-200 60		 5.106.12.3 - HARDSCAPE AREAS Shade tree plantings, minimum No. 10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years. Exception: 1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing. 		The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1(h)(4) and Section 1605.3(h)(4)(A). TABLE H-2 STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER		 2. The door is protected by a roof overhang at least 4 feet in depth. 3. The door is recessed at least 4 feet. 4. Other methods which provide equivalent protection. 5.407.2.2.2 - FLASHING 	5.407.2.2.2	SETH.ANDRF	EMAIL: EW.SMITH@GMAIL.COM
201 AND OVER TOTAL REQUIRED kVA = P .05 x 6.6 WHERE P = PARKING SPACES IN FACILITY 5.106.5.6.4 - EVCS FOR ALTERATIONS OF OR ADDITIONS TO PARKING FACILITIES Alterations of or additions to parking facilities shall provide EVCS in compliance with Section 5.106.5.6.4. The installation of infrastructure for EV capable spaces required to be provided without EVSE shall not be required.	5.106.5.6.4	 Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree plantings. Designated and marked play areas of organized sport activity are not included in the total area calculation. DIVISION 5.2 ENERGY EFFICIENCY 5.201 - GENERAL		JANUARY 28, 2019 PRODUCT CLASS MAXIMUM FLOW RATE [SPRAY FORCE IN OUNCE FORCE (OZF)] (GPM) PRODUCT CLASS 1 (≤ 5.0 OZF) 1.00 PRODUCT CLASS 2 (> 5.0 AND ≤ 8.0 OZF) 1.20 PRODUCT CLASS 2 (> 8.0 OZF) 1.28		Install flashings integrated with a drainage plane. 5.408 - CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 5.408.1 - CONSTRUCTION WASTE MANAGEMENT Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.	e	6	PHONE: 519-365-0472
5.106.5.6.4.1 - ALTERATIONS OF AND ADDITIONS TO PARKING FACILITIES EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or minimum power indicated in Table 5.106.5.6.3 when the scope of work includes an increase in power supply to an electric panel serving light fixtures illuminating the parking area or when area containing parking spaces is added to a parking facility. The number of required EVCS shall be based on the total number of existing and new parking spaces in the parking facility.	5.106.5.6.4.1	 5.201.1 - SCOPE California Energy Code. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards. DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION 5.301 - GENERAL 	5.201.1	Title 20 Section 1605.3(h)(4)(A): Commercial pre-rinse spray valves manufactured on or after January 1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf) [113 grams-force (gf)]. 5.303.4 - COMMERCIAL KITCHEN EQUIPMENT		 5.408.1.1 - CONSTRUCTION WASTE MANAGEMENT PLAN Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that: 1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale. 	5.408.1.1	<u>ш</u>	
	5.106.5.6.4.2	 5.301.1 - SCOPE The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance. 5.302 - DEFINITIONS 5.302.1 - DEFINITIONS 		 5.303.4.1 - FOOD WASTE DISPOSERS Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water. Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation. 	5.303.4.1	 Determine if construction and demolition waste materials will be sorted on-site (source-seperated) o bulk mixed (single stream). Identifies diversion facilities where construction where construction and demolition waste materials collected will be taken. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. 		ROV	
5.106.5.6.5 - REQUIREMENT TO INSTALL EVSE Level 2 EVSE shall be provided in all existing EV capable spaces to create EVCS when a project is required by California Administrative Code Section 4-309 to be submitted for plan approval to the Division of the State Architect. When EVSE is installed in existing EV capable spaces, accessible EVCS shall be provided in accordance with California Building Code Chapter 11B.	5.106.5.6.5	The following terms are defined in Chapter 2 (and are included here for reference) EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS] An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which are two major influences on the amount of water that needs to be applied to the landscape. GRAYWATER		 5.303.5 - AREAS OF ADDITION OR ALTERATION For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building. 5.303.6 - STANDARDS FOR PLUMBING FIXTURES AND FITTINGS 	5.303.5	 5.408.1.2 - WASTE MANAGEMENT COMPANY Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section. Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. 	5.408.1.2	し し て	
Exception: Projects in which improvements in parking areas consist only of accessibility improvements are not required to comply with Section 5.106.5.6.5. 5.106.8 - LIGHT POLLUTION REDUCTION [N] Outdoor lighting systems shall be designed and installed to comply with the following:	5.106.8	Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.		 Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code. 5.304 - OUTDOOR WATER USE 5.304.1 - OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. 	5.304.1	 Exceptions to Sections 5.408.1.1 and 5.408.1.2: 1. Excavated soil and land-clearing debris. 2. Alternate waste reduction methods developed by working with local agencies if diversion o recycle facilities capable of compliance with this item do not exist. 3. Demolition waste meeting local ordinance or calculated in consideration of load recycling facilities and markets. 	r	EMO	ROVE
 The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8); Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and Allowable BUG ratings not exceeding those shown in Table 5.106.8 [N], or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent. 		METERING FAUCET A self closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable. MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.		 Notes: The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/. 5.304.6 - OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS 		 5.408.1.3 - WASTE STREAM REDUCTION ALTERNATIVE The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency. 5.408.1.4 - DOCUMENTATION Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1 	5.408.1.3 5.408.1.4	C L GC	VAY A 91945 EMON G
 Exceptions: Luminaires that qualify as exceptions in Sections 130.2(b) and 140.7 of the California Energy Code. Emergency lighting. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction. Luminaires with less than 6,200 initial luminaire lumens. 		POTABLE WATER Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5. SPECIAL LANDSCAPE AREA (SLA) [DSA-SS] An area of the landscape dedicated solely to edible plants, planting areas used for educational purposes,		For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35. Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.		through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency. Notes: Image: 1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at https://www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards- CommissionResources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste management plan. a. b.		ΒY	BROADV ROVE, C NION LI
TABLE 5.106.8 [N] TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS ^{1 2} ALLOWABLE RATING LIGHTING LIGHTING LIGHTING LIGHTING ZONE LZ2	TABLE 5.106.8	recreational areas, areas irrigated with recycled water, water features using recycled water, and where turf provides a playing surface or gathering space. SUBMETER A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.		 5.304.6.1 - NEWLY CONSTRUCTED LANDSCAPES New construction projects with an aggregate landscape area equal to or greater than 500 square feet. 5.304.6.2 - REHABILITATED LANDSCAPES Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet. 		 2. Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle). 5.408.2 - UNIVERSAL WASTE [A] Additions and alterations to a building or tenant space that meet the scoping provision in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and building or tenant space that meet the scoping provision in Section 301.3 for 			7963 ON GI
MAXIMUM ALLOWABLE BACKLIGHT RATING (B)Image: constraints of the image:		 5.303 - INDOOR WATER USE 5.303.1 - METERS Seperate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2. 5.303.1.1 - NEW BUILDINGS OR ADDITIONS IN EXCESS OF 50,000 SQUARE FEET 	5.303.1.1	DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY 5.401 - GENERAL 5.401.1 - SCOPE		ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents. Note: Refer to Universal Waste Rule link at: https:// dtsc.ca.gov/universalwaste/		DRH	LEM ACE CC
MAXIMUM ALLOWABLE UPLIGHT RATING (U) Image: Constraint of the state of the s		Seperate submeters shall be installed as follows: 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop. 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:		The provisions of this chapter specify the requirements of achieving material conservation, resource efficiency, and greenhouse gas (GHG) emission reduction through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, the installation of products with lower GHG emissions and building commissioning or testing and adjusting. 5.402 - DEFINITIONS 5.402.1 - DEFINITIONS		 5.408.3 - EXCAVATED SOIL AND LAND CLEARING DEBRIS 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reuse or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed. Exceptions: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation. 	d 5.408.3	GHB(GR
LUMINAIRE BACK HEMISPHERE IS 1-2 MH FROM PROPERTY LINE N/A G0 G1 G2 LUMINAIRE BACK HEMISPHERE IS 0.5-1 MH FROM PROPERTY LINE N/A G0 G0 G1 G1 LUMINAIRE BACK HEMISPHERE IS 0.5-1 MH FROM PROPERTY LINE N/A G0 G0 G1 G1 LUMINAIRE BACK HEMISPHERE IS 0.5-1 MH FROM PROPERTY LINE N/A G0 G0 G1 G1 LUMINAIRE BACK HEMISPHERE IS LESS THAN 0.5 MH FROM PROPERTY LINE N/A G0 G0 G1 'IESNA Lighting Zones 0 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code. G0 G1		 a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s). b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s). c. Steam and hot-water boilers with energy input more than 500,000 Btu/h (147 kW). 5.303.1.2 - EXCESS CONSUMPTION A seperate submeter or metering device shall be provided for any tenant within a new building or within an evaluation of the energy input more than 500 gpm (30 L/s).	5.303.1.2	The following terms are defined in Chapter 2 (and are included here for reference). ADJUST To regulate fluid flow rate and air patterns at the termianl equipment, such as to reduce fan speed or adjust a damper. BALANCE		Notes: 1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdfa.ca.gov/exec/county/county_contacts.html) 2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov))	NEIC	
² For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section. ³ General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires		addition that is projected to consume more than 1,000 gal/day. 5.303.3 - WATER CONSERVING PLUMBING FIXTURES AND FITTINGS Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following: 5.303.3.1 - WATER CLOSETS The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall	5.303.3.1	To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities. BUILDING COMMISSIONING A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.		 5.409 - LIFE CYCLE ASSESSEMENT 5.409.1 - SCOPE [BSC-CG] Effective July 1, 2024, projects consisting of newly constructed building(s) with a combined floor area of 100,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 100,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 100,000 	2	벌	
located in these areas shall meet U-value limits for "all other outdoor lighting."	5.106.8.1	 be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-type Toilets. Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush. 5.303.3.2 - URINALS 		BUY CLEAN CALIFORNIA ACT (BCCA) [BSC-CG, DSA-SS] The Buy Clean California Act (BCCA) (Public Contract Code Sections 3500-3505) targets carbon emissions associated with the production of structural steel (hot-rolled sections, hollow structural sections, and plate), concrete reinforcing steel, flat glass, and mineral wool board insulation. The maximum acceptable global warming potential (GWP) limits are established by the Department of General Services (DGS), in consultation with the California Air Resources Board (CARB).		square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. Effective January 1, 2026, the combined floor area shall be 50,000 square feet or greater. [DSA-SS] Projects consisting of newly constructed building(s) with a combined floor area of 50,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 50,000 square feet or greater shall			
Exception: Corners. If two property lines (or two segments of the same property line) have equidistant points to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest point(s) on the property lines to determine the required backlight rating.		 5.303.3.2.1 - WALL-MOUNTED URINALS The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush. 5.303.3.2.2 - FLOOR-MOUNTED URINALS The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush. 	5.303.3.2.1	CRADLE-TO-GRAVE [BSC-CG, DSA-SS] Activities associated with a product or building's life cycle from the extraction stage through disposal stage, and covering modules A1 through C4 in accordance with ISO Standards 14025 and 21930. ORGANIC WASTE		comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. 5.409.2 - WHOLE BUILDING LIFE CYCLE ASSESSEMENT Projects shall conduct a cradle-to-grave whole building life cycle assessment performed in accordance with ISO 14040 and ISO 14044, excluding operating energy, and demonstrating a minimum 10-percent reduction in global warming potential (GWP) as compared to a reference baseline building of similar size, function, complexity, type of construction, material specification, and location that meets the requirements of the California Energy Code currently in effect. Software used to		JOB NUMBER DATE PUBLISH DRAWN BY:	
5.106.8.2 - FACING — GLARE For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.	5.106.8.2	 5.303.3.3 - SHOWERHEADS 5.303.3.3.1 - SINGLE SHOWERHEAD Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads. 	5.303.3.3.1	Food waste, green waste, landscape and pruning waste, nonhazardouswood waste, and food soiled paper waste that is mixed in with food waste. REFERENCE STUDY PERIOD [BSC-CG, DSA-SS] The period of use for the building, in years, that will be assumed for life cycle assessment. TEST		conduct the whole building life cycle assessment, including reference baseline building, shall have a data set compliant with ISO 14044, and ISO 21930 or EN 15804, and the software shall conform to ISO 21931 and/or EN 15978. The software tools and data sets shall be the same for evaluation of both the baseline building and the proposed building. Notes: 1. Software for calculating whole building life cycle assessment is available for free at Athena Sustainable		REV DATE:	: DESCRIPTION:
 See also California Building Code, Chapter 12, Section 1205.7 for college campus lighting requirements for parking facilities and walkways. Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B. Refer to the California Energy Code for requirements for additions and alterations. 		5.303.3.3.2 - MULTIPLE SHOWERHEADS SERVING ONE SHOWER When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time. Note:	5.303.3.3.2	A procedure to determine quantitative performance of a system or equipment. TYPE III ENVIRONMENTAL PRODUCT DELARATION (EPD) [BSC-CG, DSA-SS] A third-party verified report that summarizes how a product impacts the environment. Type III EPDs can be either product-specific, factory-specific, or industry-wide EPDs. See "Cradle-to-Gate."		 Materials Institute (https://calculatelca.com/software/impact-estimator/) and OneClick LCA-Planetary (www.oneclicklca.com/planetary). Paid versions include, but are not limited to, Sphera GaBi Solutions (gabi.sphera.com), SimaPro (simapro.com), OneClick LCA (www.oneclicklca.com) and Tally for Revit (apps.autodesk.com). 2. ASTM E2921-22 "Standard Practice for Minimum Criteria for Comparing Whole Building Life Cycle Assessments for Use with Building Codes, Standards, and Rating Systems" may be consulted for the assessment. 3. In addition to the required documentation specified in Section 5.409.2.3, Worksheet WS-9 may be required by 			
Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following: 1. Swales. 2. Water collection and disposal system. 3. French drains.	5.106.10	A hand-held shower shall be considered a showerhead. 5.303.3.4 - FAUCETS AND FOUNTAINS 5.303.3.4.1 - NONRESIDENTIAL LAVATORY FAUCETS Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.	5.303.3.4.1	 FACTORY-SPECIFIC EPD [BSC-CG, DSA-SS] A product-specific Type III EPD in which the environmental impacts can be attributed to a single manufacturer and manufacturing facility. INDUSTRY-WIDE EPD [BSC-CG, DSASS] A Type III EPD in which the environmental impacts are an average of the typical manufacturing 		the enforcing entity to demonstrate compliance with the requirements. 5.409.2.1 - BUILDING COMPONENTS Building enclosure components included in the assessment shall be limited to glazing assemblies, insulation, and exterior finishes. Primary and secondary structural members included in the assessment shall be limited to footings and foundations, and structural columns, beams, walls, roofs, and floors.			
 4. Water retention gardens. 5. Other water measures which keep surface water away from buildings and aid in groundwater recharge. Exception: Additions and alterations not altering the drainage path. 		5.303.3.4.2 - KITCHEN FAUCETS Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.	5.303.3.4.2	impacts for a range of products within the same product category for a group of manufacturers. PRODUCT-SPECIFIC EPD [BSC-CG, DSA-SS] A Type III EPD in which the environmental impacts can be attributed to a product design and manufacturer across multiple facilities.		5.409.2.2 - REFERENCE STUDY PERIOD The reference study period of the proposed building shall be equal to the reference baseline building and shall be 60 years.		4	۹002

5.409.2.3 - VERIFICATION OF COMPLIANCE

A summary of the GWP analysis produced by the software and Worksheet WS-4 signed by the design professional of record shall be provided in the construction documents as documentation of compliance. A copy of the whole building life cycle assessment which includes the GWP analysis produced by the software, in addition to maintenance and training information, shall be included in the operation and maintenance manual and shall be provided to the owner at the close of construction. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.

5.409.3 - PRODUCT GWP COMPLIANCE — PERSCRIPTIVE PATH Each product that is permanently installed and listed in Table 5.409.3 shall have a Type III environmental product declaration (EPD), either product-specific or factory-specific.

TABLE 5.409.3 PRODUCT GWP LIMITS									
BUY CLEAN CLALIFORNIA MATERIALS PRODUCT CATEGORY ¹	MINIMUM ACCEPTABLE GWP VALUE (UNFABRICATED) (GWP ALLOWED)	UNIT OF MEASUREMENT							
HOT-ROLLED STRUCTURAL STEEL SECTIONS	1.77	MT CO₂e/MT							
HOLLOW STRUCTURAL SECTIONS	3.00	MT CO₂e/MT							
STEEL PLATE	2.61	MT CO₂e/MT							
CONCRETE REINFORCING STEEL	1.56	MT CO₂e/MT							
FLAT GLASS	2.50	kg CO₂e/MT							
LIGHT-DENSITY MINERAL WOOL BOARD INSULATION	5.83	kg CO₂e/1 m²							
HEAVY-DENSITY MINERAL WOOL BOARD INSULATION	14.28	kg CO₂e/1 m²							
	CONCRETE, READY-MIXED ^{2 3}								
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWP ALLOWED)	UNIT OF MEASUREMENT							
UP TO 2499 PSI	450	kg CO₂e/m³							
2500 - 3499 PSI	489	kg CO₂e/m³							
3500 - 4499 PSI	566	kg CO₂e/m³							
4500 - 5499 PSI	661	kg CO₂e/m³							
5500 - 6499 PSI	701	kg CO₂e/m³							
6500 PSI AND GREATER	799	kg CO₂e/m³							
	CONCRETE, LIGHTWEIGHT READY-MIXED ²								
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWP ALLOWED)	UNIT OF MEASUREMENT							
UP TO 2499 PSI	875	kg CO₂e/m³							
2500 - 3499 PSI	956	kg CO₂e/m³							
3500 - 4499 PSI	1039	kg CO₂e/m³							

¹ The GWP values of the products listed in Table 5.409.3 are based on 175 percent of Buy Clean California Act (BCCA) GWP values, except for concrete products which are not included in the BCCA.

² For concrete, 175 percent of the National Ready Mixed Concrete Association (NRMCA) 2022 version 3 Pacific Southwest regional benchmark values are used for the GWP allowed, except for High Early Strength.

³ Concrete High Early Strength ready-mixed shall be calculated at 130 percent of the ready-mixed concrete GWP allowed values for each product category.

5.409.3.1

Products shall not exceed the maximum GWP value specified in Table 5.409.3.

Exception: Concrete may be considered one product category to meet compliance with this section. A weighted average of the maximum GWP for all concrete mixes installed in the project shall be less than the weighted average maximum GWP allowed per Table 5.409.3 using Exception Equation 5.409.3.1. Calculations shall be performed with consistent units of measurement for the material quantity and the GWP value. For the purposes of this exception, industry-wide EPDs are acceptable.

GWPn < GWPallo	owed	
where		
GWPn	=	Σ (GWPn)(vn)
and		
GWPallowed	=	Σ (GWPallowed)(vn)
and		
n	=	each concrete mix installed in the project
GWPn	=	the GWP for concrete mix n per concrete
mix EPD, in kg CO	D2e/m3	
GWPallowed	=	the GWP potential allowed for concrete
mix n per Table 5	5 409 3	·

the volume of concrete mix n installed in vn the project, in m3

5.409.3.2

Calculations to demonstrate compliance, Type III EPDs for products required to comply, if included in the project, and Worksheet WS-5 signed by the design professional of record shall be provided on the construction documents. Updated EPDs for products used in construction shall be provided to the owner at the close of construction and to the enforcement entity upon request. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.

5.410 - BUILDING MAINTENANCE AND OPERATION

5.410.1 - RECYCLING BY OCCUPANTS Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception:

Exception.	
Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall	
also be exempt from the organic waste portion of this section.	

5.410.1.1 - ADDITIONS

All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception:

Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 - SAMPLE ORDINANCE Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the *Public Resources Code*.

Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

5.410.2 - COMMISSIONING

[N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements.

Commissioning requirements shall include:

- **1.** Owner's or Owner representative's project requirements. Basis of design.
- **3.** Commissioning measures shown in the construction documents.
- 4. Commissioning plan.
- 5. Functional performance testing. 6. Documentation and training.
- 7. Commissioning report.

Exceptions:

- **1.** Unconditioned warehouses of any size.
- **2.** Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. **3.** Tenant improvements less than 10,000 square feet as described in Section 303.1.1.

4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)

Informational Notes:

5.410.4 - TESTING AND ADJUSTING NEW BUILDINGS Testing and adjusting of systems shall be required for building addition or alteration subject to Section 303.1.

5.410.4.4 - REPORTING

DIVISION 5.5 ENVIRONMENTAL QUALITY

5.410.1

5.410.1.1

5.410.1.2

5.410.2

5.501 - GENERAL

5.501.1 - SCOPE The provisions of this chapter shall outline means of reducin and/or harmful to the comfort and well-being of a building's

5.502 - DEFINITIONS 5.502.1 - DEFINITIONS

The following terms are defined in Chapter 2 (and are include

A general term denoting a highway primarily for through tra

The sound pressure level in decibels as measured on a sound

ARTERIAL HIGHWAY

A-WEIGHTED SOUND LEVEL (dBA)

filter or as computed from sound spectral data to which A-w

Note: For the purposes of this section, unconditioned shall mean a building area, or room which does not provide heating and/or air conditioning.	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)	-	1 BTU/HOUR British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)	ARCH
 Informational Notes: 1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 does not certify individuals to conduct functional performance tests or to adjust and balance systems. 		-	COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10dB nighttime adjustment used in the Ldn.	U (UTTER)	INDO CARPI OUTD WOO
2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.			COMPOSITE WOOD PRODUCTS Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood		RUBB SUBFL
 5.410.2.1 - OWNER'S OR OWNER REPRESENTATIVE'S PROJECT REQUIREMENTS (OPR) [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following: 	5.410.2.1		products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).		SERAN VCT A DRYW COVE
 Environmental and sustainability goals. Building sustainable goals. Indoor environmental quality requirements. Project program, including facility functions and hours of operation, and need for after hours operation. Equipment and systems expectations. 			Note: CCR, Title 17, Section 93120.1. DAY-NIGHT AVERAGE SOUND LEVEL (Ldn) The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10dB adjustment added to sound levels occurring during nighttime hours (10 p.m. to 7 a.m.).		MULT STRUC SINGL
6. Building occupant and operation and maintenance (O&M) personnel expectations.			DECIBEL (dB) A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound		SPECIA PVC W
 5.410.2.2 - BASIS OF DESIGN (BOD) [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems: 1 Benowable energy systems 	5.410.2.2		intensity) with respect to a reference quantity. ENERGY EQUIVALENT (NOISE) LEVEL (Leq) The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of		CPVC ABS W PLAST
 Renewable energy systems. Landscape irrigation systems. Water reuse systems. 			period of interest. EXPRESSWAY		ADHE: CONT/ SPECI/
5.410.2.3 - COMMISSIONING PLAN[N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:	5.410.2.3		An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separation at intersections. FREEWAY A divided arterial highway with full control of access and with grade separations at intersections.		STRUC TOP &
 General project information. Commissioning goals. Systems to be commissioned. Plans to test systems and components shall include: An explanation of the original design intent. 			GLOBAL WARMING POTENTIAL (GWP) The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.		META PLAST PORO
 b. Equipment and systems to be tested, including the extent of tests. c. Functions to be tested. d. Conditions under which the test shall be performed. e. Measurable criteria for acceptable performance. 4. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of 			GLOBAL WARMING POTENTIAL VALUE (GWP VALUE) A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100-yr" of Table 2.14.		WOOI FIBER ¹ If an ² For a Mana
commissioning shall be included. 5.410.2.4 - FUNCTIONAL PERFORMANCE TESTING [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional	5.410.2.4		HIGH-GWP REFRIGERANT A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hydrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (b) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).		SEAL
performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made. 5.410.2.5 - DOCUMENTATION AND TRAINING	5.410.2.5		LONG RADIUS ELBOW Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.		ARCH MARI NONN
 [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act OSHA) requirements in <i>California Code of Regulations</i> (CCR). Title 8, Section 5142, and other related regulations. 5.410.2.5.1 - SYSTEMS MANUAL 	5.410.2.5.1		LOW-GWP REFRIGERANT A compound used as a heat transfer fluid or gas that : (a) has a GWP value less than 150, and (b) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10,2009).		ROAD SINGL OTHE
[N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:			MERV Filter minimum efficiendy reporting value, based on ASHRAE 52.2-1999.		SEAL/ ARCH NO
 Site information, including facility description, history and current requirements. Site contact information. Basic operations and maintenance, including general site operating procedures, basic 			MAXIMUM INCREMENTAL REACTIVITY (MIR) The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (gO(3)/g ROC).		PO MODI MARII
troubleshooting, recommended maintenance requirements, site events log. 4. Major systems. 5. Site equipment inventory and maintenance notes. 6. A copy of verifications required by the enforcing agency or this code. 7. Other resources and documentation, if applicable.			PRODUCT-WEIGHTED MIR (PWMIR) The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundreths of a gram of ozone formed per gram of product (exluding container and packaging).		OTHE Note: Qualit
5.410.2.5.2 - SYSTEMS OPERATIONS TRAINING [N] A program for training of the appropriate maintenance staff for each equipment type and/or system	5.410.2.5.2		PSIG Pounds per square inch, guage.		
shall be developed and documented in the commissioning report and shall include the following: 1. System/equipment overview (what it is, what it does and with what other systems and/or			REACTIVE ORGANIC COMPOUND (ROC) Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.		
equipment it interfaces). 2. Review and demonstration of servicing/preventive maintenance. 3. Review of the information in the Systems Manual. 4. Review of the record drawings on the system/equipment.			SCHRADER ACCESS VALVES Access fittings with a valve core installed. SHORT RADIUS ELBOW		
5.410.2.6 - COMMISSIONING REPORT [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.	5.410.2.6		Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.		(GRAM
- TESTING AND ADJUSTING NEW BUILDINGS LESS THAN 10,000 SQUARE FEET nd adjusting of systems shall be required for buildings less than 10,000 square feet or new systems to serve an or alteration subject to Section 303.1.	5.410.4		SUPERMARKET For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.		COAT FLAT (NONF
Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and			VOC A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a).		NONF SPECIA ALUM BASEN
 Sections 120.5, 120.6, 130.4 and 140.9(b)3 for additional testing requirements of specific systems. 5.410.4.2 - SYSTEMS Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and 	5.410.4.2		Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc, the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.		BITUN BITUN BOND
adjusting shall include at a minimum, as applicable to the project: 1. Renewable energy systems. 2. Landscape irrigation systems.		5.503 -	 FIREPLACES 5.503.1 - FIREPLACES Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall complex with applicable local ordinances. 	5.503.1	CONC CONC DRIVE DRY F
 3. Water reuse systems. 5.410.4.3 - PROCEDURES Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable 	5.410.4.3		pellet stoves and fireplaces shall comply with applicable local ordinances. 5.503.1.1 - WOODSTOVES Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission	5.503.1.1	FAUX FIRE R FLOOI
standards on each system. 5.410.4.3.1 - HVAC BALANCING	5.410.4.3.1	5.504 -	limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.		FORM GRAP
In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.			5.504.1 - TEMPORARY VENTILATION The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30 percent based on ASHRAE 52.1-1992. Replace all filters immediately prior to	5.504.1	HIGH- INDUS LOW S MAGN
5.410.4.4 - REPORTING After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.	5.410.4.4		occupancy, or, if the building is occupied during alteration, at the conclusion of construction. 5.504.3 - COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION	5.504.3	MAST MATA MULT
5.410.4.5 - OPERATION AND MAINTENANCE (O&M) MANUAL Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O&M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.	5.410.4.5		At the time of rough installation, or during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may collect in the system.		PRETF PRIME REACT RECYC
5.410.4.5.1 - INSPECTIONS AND REPORTS Include a copy of all inspection verifications and reports required by the enforcing agency.			5.504.4 - FINISH MATERIAL POLLUTANT CONTROL Finish materials shall comply with Section 5.504.4.1 through 5.504.4.6.	E 504 4 1	ROOF RUST SHELL
ENVIRONMENTAL QUALITY			 5.504.4.1 - ADHESIVES, SEALANTS AND CAULKS Adhesives, sealants, and caulkes used on the project shall meet the requirements of the following standards: 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall 	5.504.4.1	CLEAF OPAQ SPECI
- SCOPE isions of this chapter shall outline means of reducing the quantity of air contaminents that are odorous, irritating, armful to the comfort and well-being of a building's installers, occupants and neighbors.			comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol		STAIN STON
DNS - DEFINITIONS wing terms are defined in Chapter 2 (and are included here for reference).			products as specified in subsection 2, below. 2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16		TRAFF TUB 8 WATE
AL HIGHWAY I term denoting a highway primarily for through traffic usually on a continuous route.			fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.		WOOI WOOI ZINC-
HTED SOUND LEVEL (dBA) d pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting is computed from sound spectral data to which A-weighting adjustments have been made.					¹ Gran ² The
					³ Valu Contr

	TABLE 5 ADHESIVE VOC LIMIT ^{1 2} LESS WATERAND LES ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES	.504.4.1 S EXEMPT COMPOUNDSIN GRAMS PER LITER CURRENT VOC LIMIT 50	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)	SETH	H SMI	ΤH
	OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES	150 100		DE	SIGNER	
	SERAMIC TILE ADHESIVES VCT AND ASPHAULT TILE ADHESIVES	65 50				
	COVE BASE ADHESIVES	50				
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Implementation 1000000000000000000000000000000000000					•	
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 	WOOD					
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ListAury Conclusion Construction Construction Construction Advances Construction	² For additional information regarding methods to measure the VC Management District Rule 1168, http://www.arb.ca.gov/DRDB/SC	DC content specified in this table, see South Coast Air Quality /CURHTML/R1168.PDF.) RC		
Network #8 Not Total 78 Not Total 88 Not Total 88 <						
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Image: Contract Contract 7-3 Control Control 7-3				Ш		RC
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LOW SOLIDS COATINGS ' 120 MAGRESTE CEMENT COATINGS 450 MASTIC TEXTURE COATINGS 100 MATALLE PROMENTED COATINGS 500 MUUTICOLOR COATINGS 250 PRETREATMENT WASH PRIMERS 420 PRIMERS, SEALERS, & UNDERCOATERS 100 RECYCLED COATINGS 350 RECYCLED COATINGS 250 RECYCLED COATINGS 250 RECYCLED COATINGS 250 RECYCLED COATINGS 50 RUST PREVENTATIVE COATINGS 250 SHELLACS	Architectural paints and coatings shall comply of Suggested Control Measure, as shown in Table limit for coatings that do not meet the definition shall be determined by classifying the coating at as defined in subsections 4.21, 4.36 and 4.37 of Measure, and the corresponding Flat, Nonflat of TABLE VOC CONTENT LIMITS FOR ARCHITECTURAL COATING, LESS WATER AND (GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEN COATING CATEGORY FLAT COATINGS NONFLAT COATINGS NONFLAT COATINGS SPECIALTY COATINGS BASEMENT SPECIALTY COATINGS BITUMINOUS ROOF COATINGS BITUMINOUS ROOF COATINGS BITUMINOUS ROOF PRIMERS BOND BREAKERS CONCRETE CURING COMPOUNDS CONCRETE /MASONRY SEALERS DRIVEWAY SEALERS DRIVEWAY SEALERS DRIVE COATINGS FLOOR COATINGS FLOO	5.504.4.3, unless more stringent local limits apply. The VOC ons for the specialty coatings catagories listed in Table 5.504.4 s a Flat, Nonflat or Nonflat-High Gloss coating, based on its g f the 2007 California Air Resources Board Suggested Control or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply. 5.504.3 COATINGS ^{2 3} GRAMS OF VOC PER LITER OF LESS EXEMPT COMPOUNDS MPT COMPOUNDS) CURRENT VOC LIMIT 50 400 400 400 50 50 50 50 50	content 4.3 closs,	ORHOOD	7963 BRO MON GROV	RACE COM
MASTIC TEXTURE COATINGS 100 MATALLIC PIGMENTED COATINGS 500 MULTICOLOR COATINGS 250 PRITEREATMENT WASH PRIMERS 420 PRITEREATMENT WASH PRIMERS 100 REACTIVE PENETRATING SEALERS 350 RECYCLED COATINGS 250 REOOF COATINGS 250 RUST PREVENTATIVE COATINGS 250 RUST PREVENTATIVE COATINGS 250 SHELLACS	LOW SOLIDS COATINGS ¹	120				J
MULTICOLOR COATINGS 250 PRETREATMENT WASH PRIMERS 420 PRIMERS, SEALERS, & UNDERCOATERS 100 REACTIVE PRETRATING SEALERS 350 RECYCLED COATINGS 250 ROOF COATINGS 50 RUST PREVENTATIVE COATINGS 250 SHELLACS 250 CLEAR 730 OPAQUE 550 STONE CONSOLIDANTS 250 SWIMMING POOL COATINGS 340 TRAFFIC MARKING COATINGS 250 WOOD COATINGS 250 SWIMMING POOL COATINGS 250 SWIMMING POOL COATINGS 250 SWIMMING POOL COATINGS 250 SUMMING POOL COATINGS 250 SUMMING POOL COATINGS 250 SUMMING POOL COATINGS 250 SUMIMING POOL COATINGS 250 WOOD CATINGS 350 ZINC-RICH PRI	MASTIC TEXTURE COATINGS	100				
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OPAQUE550SPECIALTY PRIMERS, SEALERS & UNDERCOATERS100STAINS250STONE CONSOLIDANTS450SWIMMING POOL COATINGS340TRAFFIC MARKING COATINGS100TUB & TILE REFINISH COATINGS420WATERPROOFING MEMBRANES250WOOD COATINGS275WOOD PRESERVATIVES340ZINC-RICH PRIMERS340		250				
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ZINC-RICH PRIMERS 340		275				
	ZINC-RICH PRIMERS	340				

ating, including water a na including exempt compou ² The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.

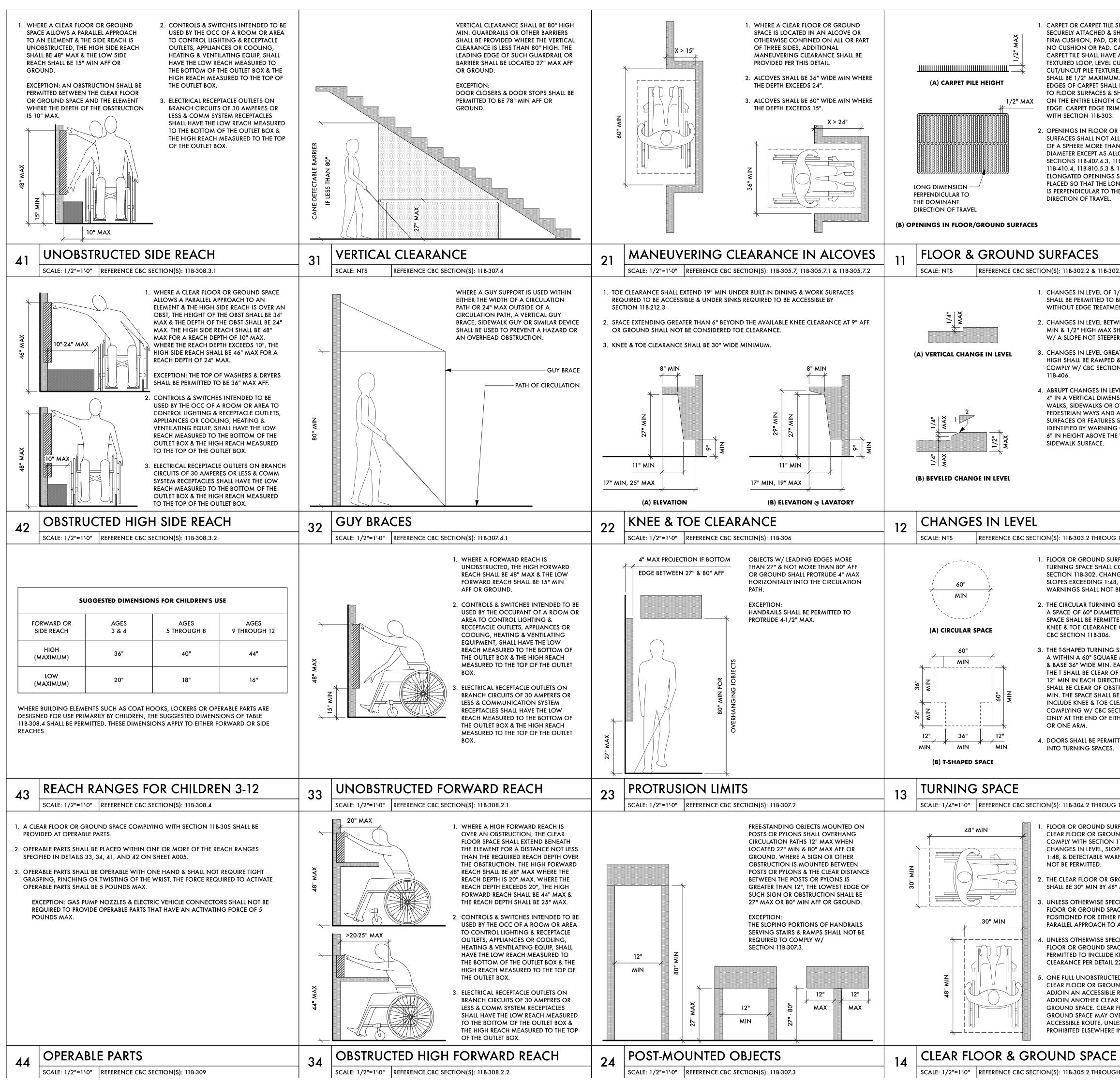
³ Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board.

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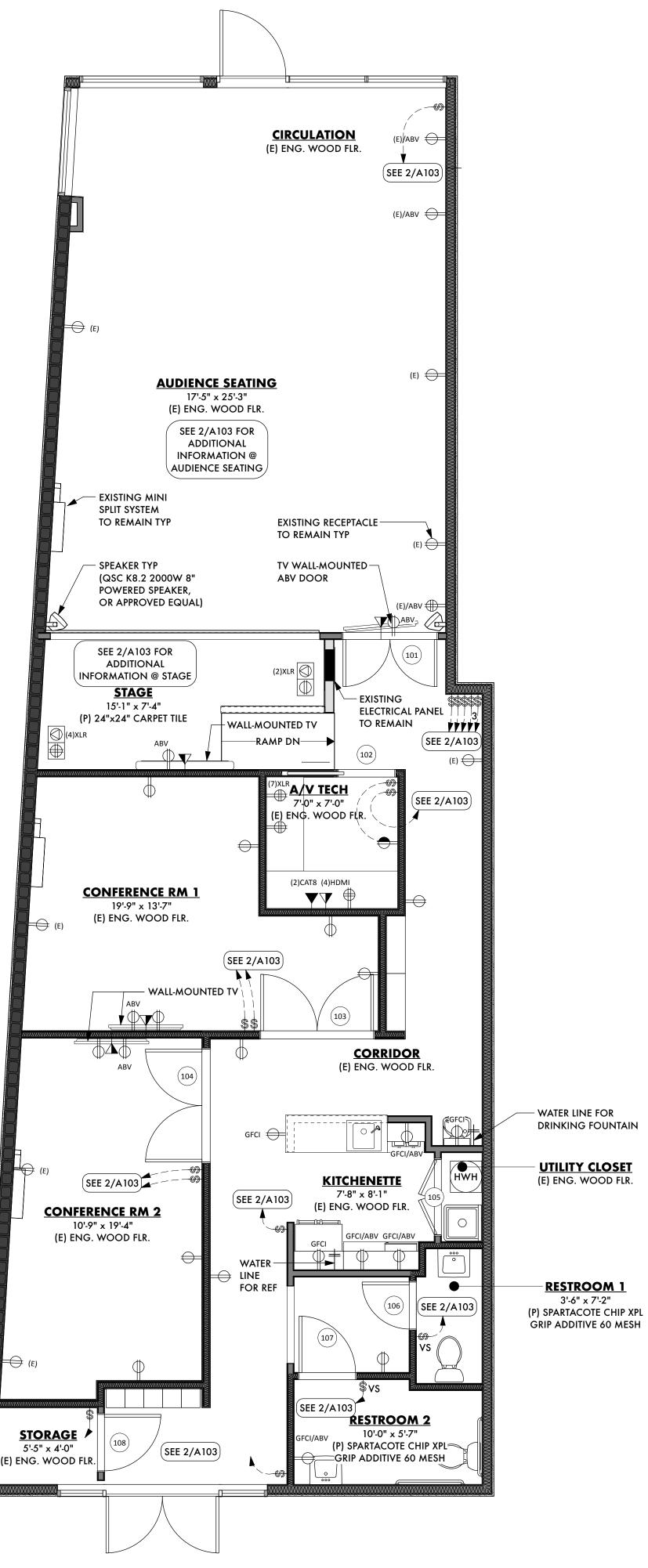
requirements, including prohibitions of in Sections 94522(c)(2) and (d)(2) of C	AND COATINGS t the PWMIR Limits for ROC in Section 94522(a)(3) and other on use of certain toxic compounds and ozone depleting substances, California Code of Regulations, Title 17, commencing with Section tion of the Bay Area Air Quality Management District additionally	SECTION # INSPECTOR VERIFICATION Y, N, N/A, OR O (OTHER)	5.506. [DSA-S : a carbo
comply with the percent VOC by weig 5.504.4.3.2 - VERIFICATION Verification of compliance with this se	ht of product limits of Regulation 8 Rule 49.	5.504.4.3.1	
Documentation may include, but is no 1. Manufacturer's product s	pecification.	5.504.4.3.2	
2. Field verification of on-sit 5.504.4.4 - CARPET SYSTEMS	e product containers.	5.504.4.4	
Health, "Standard Method for the Testing and E	meet the requirements of the California Department of Public valuation of Volatile Organic Chemical Emissions from Indoor on 1.2, January 2017 (Emission testing method for California		
See California Department of Public Health's we https://www.cdph.ca.gov/Programs/CCDPHP/D	ebsite for certification programs and testing labs. EODC/EHLB/IAQ/Pages/VOC.aspx#material		5.507 - ENVII
Department of Public Health, "Standa	ding interior shall meet the requirements of the California rd Method for the Testing and Evaluation of Volatile Organic ces Using Environmental Chambers," Version 1.2, January 2017 ia Specification 01350).	5.504.4.4.1	5.507. Employ ASTM E using ei
See California Department of Public H	lealth's website for certification programs and testing labs. CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material		
5.504.4.4.2 - CARPET ADHESIVE All carpet adhesive shall meet the req	uirements of Table 5.504.4.1.	5.504.4.4.2	
5.504.4.5 - COMPOSITE WOOD PRODUCTS Hardwood plywood, particleboard and medium		5.504.4.4.5	
	t seq.). Those materials not exempted under the ATCM must meet 5.504.4.5.		
FORMALDEHYDE LIMITS ¹ MAXIMUM FORMA	ALDEHYDE EMISSIONSIN PARTS PER MILLION CURRENT LIMIT		
HARDWOOD PLYWOOD VENEER CORE HARDWOOD PLYWOOD COMPOSITE CORE	0.05 0.05 0.09		
PARTICLE BOARD MEDIUM DENSITY FIBERBOARD THIN MEDIUM DENSITY FIBERBOARDS ²	0.11 0.13		
¹ Values in this table are derived from those specified by the Califor Composite Wood as tested in accordance with ASTM E1333. For a Title 17, Sections 93120 through 93120.12.	ditional information, see California Code of Regulations,		
² Thin medium density fiberboard has a maximum thickness of 5/1 5.504.4.5.3 - DOCUMENTATION Verification of compliance with this se Documentation shall include at least of	ection shall be provided as requested by the enforcing agency.	5.504.4.5.3	
 Product certifications and Chain of custody certifications 	d specifications. tions.		
CCR, Title 17, Section 93120 4. Exterior grade products n	narked as meeting the PS-1 or PS-2 standards of the Engineered ralian AS/NZS 2269 or European 636 3S standards.		
requirements of the California Department of P	percent of floor area receiving resilient flooring shall meet the ublic Health, "Standard Method for the Testing and Evaluation of r Sources Using Environmental Chambers," Version 1.2, January	5.504.4.6	
See California Department of Public Health's we https://www.cdph.ca.gov/Programs/CCDPHP/D	ebsite for certification programs and testing labs. EODC/EHLB/IAQ/Pages/VOC.aspx#material		
5.504.4.6.1 - VERIFICATION OF CO Documentation shall be provided veri limits.	DMPLIANCE fying that resilient flooring materials meet the pollutant emission	5.504.4.6.1	5.508 - OUTE
5.504.4.7 - THERMAL INSULATION Comply with the requirements of the California	Department of Public Health, "Standard Method for the Testing issions from Indoor Sources Using Environmental Chambers," :hod for California Specification 01350).	5.504.4.7	5.508 - 001L 5.508. Installa
See California Department of Public Health's we https://www.cdph.ca.gov/Programs/CCDPHP/D	ebsite for certification programs and testing labs. EODC/EHLB/IAQ/Pages/VOC.aspx#material		
5.504.4.7.1 - VERIFICATION OF CO Documentation shall be provided veri emission limits.	DMPLIANCE fying that thermal insulation materials meet the pollutant	5.504.4.7.1	5.508 . New co
	Department of Public Health, "Standard Method for the Testing issions from Indoor Sources Using Environmental Chambers,"	5.504.4.8	8,000 s connec contain include
See California Department of Public Health's we https://www.cdph.ca.gov/Programs/CCDPHP/D	ebsite for certification programs and testing labs. EODC/EHLB/IAQ/Pages/VOC.aspx#material		
5.504.4.8.1 - VERIFICATION OF CO Documentation shall be provided veri imits.	DMPLIANCE fying that acoustical finish materials meet the pollutant emission	5.504.4.8.1	
outside and return air that provides at least a N	gularly occupied areas of the building with air filtration media for linimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters mendations for maintenance with filters of the same value shall be nual.	5.504.5.3	
Exception: Existing mechanical equipment.			
5.504.5.3.1 - LABELING Installed filters shall be clearly labeled	by the manufacturer indicating the MERV rating.	5.504.5.3.1	
5.504.7 - ENVIRONMENTAL TOBACCO SMOKE (ETS) Where outdoor areas are provided for smoking, prohibits operable windows and within the building as already prol		5.504.7	
University, or campus of the University of California, whic are not in place, post signage to inform building occupant	hever are more stringent. When ordinances, regulations or policies is of the prohibitions.		
5.505 - INDOOR MOISTURE CONTROL 5.505.1 - INDOOR MOISTURE CONTROL Buildings shall meet or exceed the provisions of California and Chapter 14 (Exterior Walls). For additional measures,	Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) see Section 5.407.2 of this code.	5.505.1	
5.506 - INDOOR AIR QUALITY 5.506.1 - OUTSIDE AIR DELIVERY For mechanically or naturally ventilated spaces in building (Requirements For Ventilation) of the California Energy (C		5.506.1	
(Requirements For Ventilation) of the California Energy Co Division 1, Chapter 4 of CCR, Title 8. 5.506.2 - CARBON DIOXIDE (CO2) MONITORING	ode, or the applicable local code, whichever is more stringent, and	5.506.2	
	ventilation, CO2 sensors and ventilation controls shall be specified California Energy Code, Section 120.1(c)(4).		

5.506.3 - CARBON DIOXIDE (CO2) MONITORING IN CLASSROOMS [DSA-SS] Each public K-12 school classroom, as listed in Table 120.1-A of the California Energy Code, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:	SECTION # INSPECTOR VERIFICATION	5.508.2.2.2 - SEAL CAPS If designed for it, the cap shall have a neoprene O-ring in place.	SECTION # INSPECTOR VERIFICATION
 1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from doors and operable 	Y, N, N/A, OR O (OTHER)	5.508.2.2.2.1 - CHAIN TETHERS Chain tethers to fit over the stem are required for valves designed to have seal caps.	Y, N, N/A, OR O (OTHER) 5.508.2.2.2.2
windows. 2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon		Exception: Valves with seal caps that are not removed from the valve during stem operation.	
dioxide readings shall be available to and regularly monitored by facility personnel. 3. A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100 ppm. A sensor integral to an EMCS shall provide notification to facility		5.508.2.3 - REFRIGERATED SERVICE CASES Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of	5.508.2.2.2.1
personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100 ppm. 4. The monitor or sensor shall measure carbon dioxide levels at minimum 15-minute intervals and shall maintain a		corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances. 5.508.2.3.1 - COIL COATING	5.508.2.3
record of previous carbon dioxide measurements of not less than 30 days duration. 5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400 ppm to 2000 ppm or greater.		Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency. 5.508.2.4 - REFRIGERANT RECEIVERS	5.508.2.3.1
6. The monitor or sensor shall be certified by the manufacturer to be accurate within 75 ppm at 1,000 ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.		Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.	
07 - ENVIRONMENTAL COMFORT 5.507.4 - ACOUSTICAL CONTROL	5.507.4	5.508.2.5 - PRESSURE TESTING The system shall be pressure tested during installation prior to evacuation and charging.	5.508.2.4
Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E90 and ASTM E413 or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.		5.508.2.5.1 - MINIMUM PRESSURE The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.	5.508.2.5
Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as		5.508.2.5.2 - LEAKS Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.	5.508.2.5.1
determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.		5.508.2.5.3 - ALLOWABLE PRESSURE CHANGE The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change	5.508.2.5.2
Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.		from 300 psig, measured with the same gauge. 5.508.2.6 - EVACUATION	
5.507.4.1 - EXTERIOR NOISE TRANSMISSION, PRESCRIPTIVE METHOD Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40,	5.507.4.1	The system shall be evacuated after pressure testing and prior to charging. 5.508.2.6.1 - FIRST VACUUM	5.508.2.5.3
with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations: 1. Within the 65 CNEL noise contour of an airport.		Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes. 5.508.2.6.2 - SECOND VACUUM	5.508.2.6
Exceptions: 1. Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible Land		Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes. 5.508.2.6.3 - THIRD VACUUM	5.508.2.6.1
Use Zone (AICUZ) plan. 2. Ldn or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.		Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.	5.508.2.6.2
2. Within the 65 CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.		CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS	3.300.2.0.2
5.507.4.1.1 - NOISE EXPOSURE WHERE NOISE CONTOURS ARE NOT READILY AVAILABLE Buildings exposed to a noise level of 65 dB Leq-1-hr during any hour of operation shall have building,	5.507.4.1.1	702 QUALIFICATIONS	5.508.2.6.3
addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).		702.1 - INSTALLER TRAINING HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC	702.1
5.507.4.2 - PERFORMANCE METHOD For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to	5.507.4.2	installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:	
the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.		 State certified apprenticeship programs. Public utility training programs. Training programs consected by trade, labor or statewide energy consulting or verification organizations. 	
5.507.4.2.1 - SITE FEATURES Exterior features such as sound walls or earth berms may be utilized as appropriate to the building,	5.507.4.2.1	 Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. Programs sponsored by manufacturing organizations. Other programs acceptable to the enforcing agency. 	
addition or alteration project to mitigate sound migration to the interior. 5.507.4.2.2 - DOCUMENTATION OF COMPLIANCE	5.507.4.2.2	702.2 - SPECIAL INSPECTION [HCD] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code.	702.2
An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.		pecial inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a	
5.507.4.3 - INTERIOR SOUND TRANSMISSION Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.	5.507.4.3	special inspector: 1. Certification by a national or regional green building program or standard publisher.	
Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: http://www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.		 Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors. Successful completion of a third party apprentice training program in the appropriate trade. Other programs acceptable to the enforcing agency. 	
 508 - OUTDOOR AIR QUALITY 5.508.1 - OZONE DEPLETION AND GREENHOUSE GAS REDUCTION Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2. 	5.508.1	Notes: 1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.	
5.508.1.1 - CHLOROFLUOROCARBONS (CFCs) Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.	5.508.1.1	2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).	
5.508.1.2 - HALONS Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.	5.508.1.2	[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing	
5.508.2 - SUPERMARKET REFRIGERANT LEAK REDUCTION New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores	5.500.1.2	agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.	
8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems is the leak heat heat heat heat heat heat heat heat	5.508.2	Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.	
include both new facilities and the replacement of existing refrigeration systems in existing facilities. Exception: Refrigerant with a CWP value less than		703 VERIFICATIONS	
Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO2), and potentially other refrigerants.		703.1 - DOCUMENTATION Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify	703.1
5.508.2.1 - REFRIGERANT PIPING Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared	5.508.2.1	compliance, that method of compliance will be specified in the appropriate section or identified in the application checklist.	
tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below. 5.508.2.1.1 - THREADED PIPE	5.508.2.1.1		
Threaded connections are permitted at the compressor rack. 5.508.2.1.2 - COPPER PIPE			
Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.	5.508.2.1.2		
5.508.2.1.2.1 - ANCHORAGE One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.	5.508.2.1.2.1		
5.508.2.1.3 - FLARED TUBING CONNECTIONS Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.	5.508.2.1.3		
Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.	5.508.2.1.4		
5.508.2.1.4 - ELBOWS Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.			
5.508.2.2 - VALVES Valves and fittings shall comply with the <i>California Mechanical Code</i> and as follows.	5.508.2.2		
5.508.2.2.1 - PRESSURE RELIEF VALVES For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the pressure relief valve.	5.508.2.2.1		
5.508.2.2.1.1 - PRESSURE DETECTION A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.	5.508.2.2.1.1		
5.508.2.2.2 - ACCESS VALVES Only Schrader access valves with a brass or steel body are permitted for use.	5.508.2.2.2		
5.508.2.2.2.1 - VALVE CAPS For systems with a refrigerant charge of 5 pounds or more valve caps shall be brass or steel and not plastic.	5.508.2.2.2.1		
	<u> </u>	1	<u> </u>

8064 G LEMON SETH.ANDRE	OLDEN AVE., AF GROVE, CA 919 EMAIL: W.SMITH@GMA PHONE: 19-365-0472	PT F 945
THE NEIGHBORHOOD BY GC LEMON GROVE	7963 BROADWAY LEMON GROVE, CA 91945	GRACE COMMUNION LEMON GROVE
_		
REV DATE:	DESCRIPTION:	

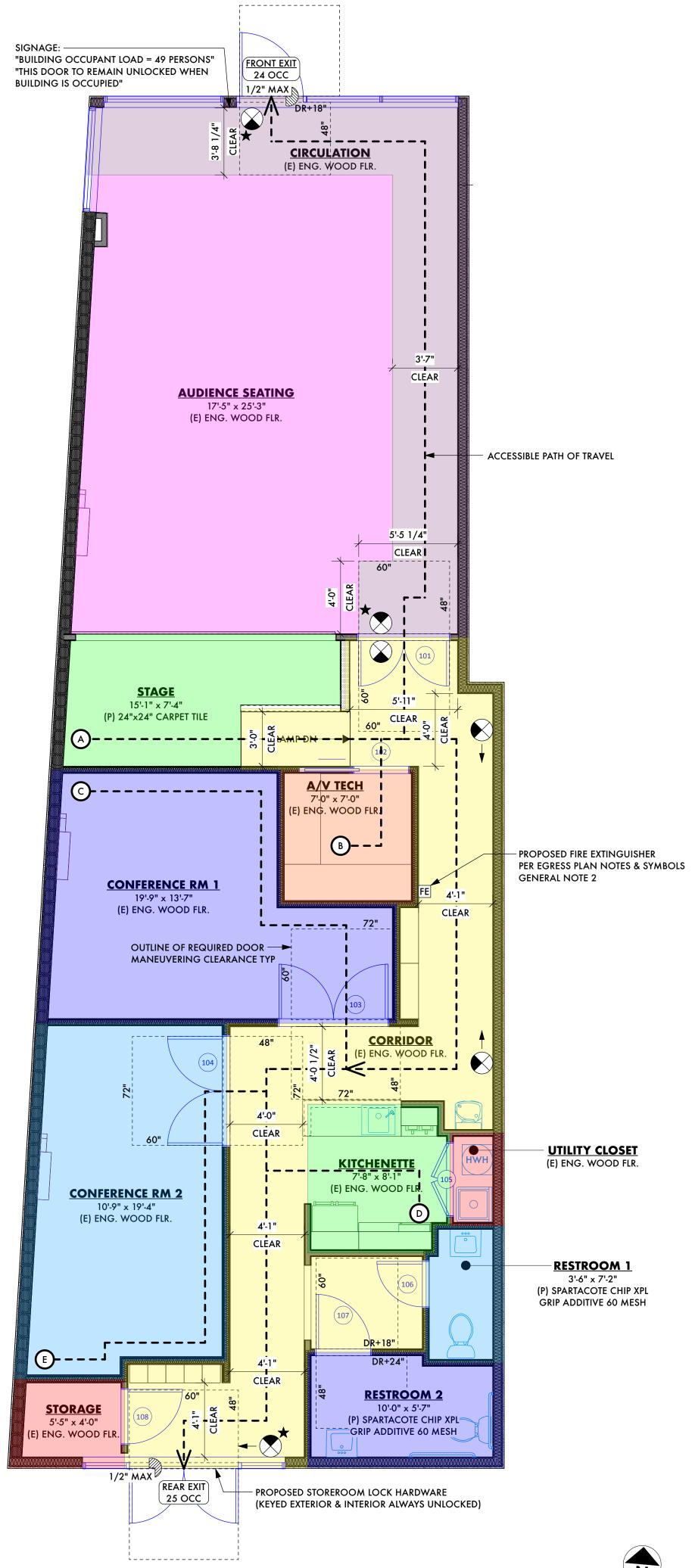


SHALL BE SHALL HAVE A R BACKING OR CARPET OR	ADA BUILDING BLOCK NOTES	SETI	H SMI	TH
E A LEVEL LOOP, CUT PILE, LEVEL RE. PILE HEIGHT M. EXPOSED LL BE FASTENED SHALL HAVE TRIM OF THE EXPOSED IM SHALL COMPLY		D	ESIGNER	
OR GROUND ALLOW PASSAGE AN 1/2" LLOWED IN 11B-409.4.3, & 11B-810.10. & SHALL BE DNG DIMENSION HE DOMINANT		LEMON SETH.ANDR	GOLDEN AVE., AF N GROVE, CA 919 EMAIL: EW.SMITH@GMA PHONE: 619-365-0472	945
02.3				
1/4" HIGH MAX 9 BE VERTICAL & NENT.		/E		
WEEN 1/4" HIGH SHALL BE BEVELED ER THAN 1:2.		Ó		
EATER THAN 1/2") & SHALL ON 11B-405 OR		GRO		
EVEL EXCEEDING NSION BETWEEN OTHER O ADJACENT S SHALL BE G CURBS AT LEAST IE WALK OR		GC LEMON	BROADWAY ROVE, CA 91945	I LEMON GROVE
G 11B-303.5		BΥ	ROA OVE,	<u>o</u>
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ITTED TO SWING		THE		
G 11B-304.4				
IRFACES OF A JND SPACE SHALL I 11B-302. DPES EXCEEDING IRNINGS SHALL			NON-R ING BLO r:	
ROUND SPACE 3" MIN. ECIFIED, CLEAR		DATE PUBLISI DRAWN BY:	HED: 10	.07.2024 SS
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UND SPACE SHALL E ROUTE OR AR FLOOR OR E FLOOR OR OVERLAP AN LESS SPECIFICALLY E IN CBC 11B.				
GH 11B-305.6			4005	











EGRESS PLAN NOTES & SYMBOLS

GENERAL NOTES

Accessible door maneuvering clearances, where required, are shown as dashed lines on the

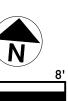
Egress Plan. See sheet A006 for accessible door maneuvering clearance details. . At least one fire extinguisher with a minimum rating of 2-A-10-BC shall be provided within 75'-0" maximum travel distance for each 6,000 square feet or portion thereof on each floor, per CBC Section 906.

		OCCUPAI			TION						
ROOM NA	AME C	OCCUPANCY TYPE	ROOM	AREA	OCCUPAN LOAD FACT		OCCUPANT LOAD			GOLDEN AVE	
AUDIENCE SEA (UNCONCENT TABLES & CHA	RATED	B1	420 S	F	15 NET		28		LEMO	N GROVE, CA EMAIL:	A 91945
CIRCULATION	-	В	205 S	F	150 GROS	S	2	SE1	H.ANDI	REW.SMITH@0	GMAIL.COM
STAGE		B1	91 SF	=	15 NET		7	11		PHONE:	
AUDIO/VISUA	L TECH	В	54 SI	F	150 GROS	S	1			619-365-0472	2
CONFERENCE	RM 1	В	224 S	F	150 GROS	S	2				
CONFERENCE	RM 2	В	212 S	F	150 GROS	S	2				
CORRIDOR		В	385 S	F	150 GROS	S	3				
KITCHENETTE		В	62 SI	F	150 GROS	S	1				
RESTROOM 1		В	32 SF	F	150 GROS	S	1				
RESTROOM 2		В	67 SF		150 GROS		1		ш		
STORAGE		В	30 SI	F	150 GROS	SS	1		5		
occupancie 1.	ection 303.1. A room or s persons and occupancy A room or s (70 m2) in	2, The following space used for as d accessory to ar or as part of that space used for as area and accesso coupancy or as po	sembly purp other occup occupancy. ssembly purp ory to anothe	ooses wi ancy sh ooses th er occup	ith an occupant all be classified at is less than 7 pancy shall be	t load of d as a G 750 sque	less than 50 roup B are feet		A GROVE		
		EGRESS	TRAVEL C	DISTA	NCE				$\overline{\mathbf{a}}$		
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(c)]		(\mathbf{A})	REAR		75'-11"		U	۲ 9194	LEMON
1. Per cbc tab	le 1017.2, th	e travel distance	-			ancy is 2	200 feet.	-	C C	× × ×	Z
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more than from the ne 2. Exit signs sl possible. Exit signs install 3. All exit sign compliance mechanical 4. Exit signs sl shall provid less than 90 5. Each grade identified b 6. Each exit d a grade-lev identified b 7. Raised chan with Chapte	100 feet (30 carest visible hall be instal kit signs not i led above do as and directi with CBC So ductwork, of hall be intern de continuous of minutes in of selevel exterior y a tactile ex roor that is re rel exterior ex y a tactile ex racter and Bi er 11B, Section	led over doors su nstalled above d oors. ional exit signs sh ection 1013.6.1, o equip, etc). ally or externally s illumination inde case of primary p or exit door that i case of primary p or exit door that i sign with the w equired to comply xit by means of a kit sign with the w raille exit signs sh ons 11B-703.1, 1 PLAN	listed viewing och that they oors shall be all have plai and shall be villuminated ependent of oower loss. s required to vord, "EXIT." v with Section n exit enclos vords, "EXIT I nall acompar 1B-703.2, 11	g distan are cer installe inly legi clearly per CB externa o comply n 1013. GUTE. NY exit s B-703.3 ES	nce for the sign, ntered above the ed at a height of ible high-contro visible (not obs C Section 1013 I power source y with Section 1, and that lead an exit passage " signs where ind 3 and 11B-703.	, whiche me door consisten ast letters structed 3.5 or 10 s for a c 1013.1, s ds direct eway sho icated a 5. See s	ver is less, whenever t with the exit s in by pipes, 013.6, and luration of not shall be ly to all be nd comply heet A006.		THE NEIGHBORHOO	79 LEMON	GRACE COMMUNION
		operable with o force required t	ne hand and	l shall n				E	GRE	SS & U PLANS	
 For water e sheet A003 Provide 12 All fans inst maximum 1 	3. air changes talled must b "sone" for c	d conservation, o per hour for rest e ducted to the e continuous use or ms shall be high	room ventilat xterior and b 3 "sone" for	tion. be spect intermi	ified at the nois ittent (on dema	se rating ind) use.	of a	DAT	NUMBI E PUBLIS WN BY: REV DAT	R:	24-SS-01 10.07.2024 SS
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\rightarrow	DUPLEX	RECEPTACLE	GF	CI G		T CIRCU	IT INTERRUPTER	╡╽ ║ ──			
	QUAD I	RECEPTACLE		•	DATA REC	CEPTACI	E (CAT8)	111 —			
								┤╽║ ───			

SETH SMITH

DESIGNER

A006



SYM	DEFINITION	SYM	DEFINITION			
\Rightarrow	DUPLEX RECEPTACLE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER			
\implies	QUAD RECEPTACLE		DATA RECEPTACLE (CAT8)			
\Rightarrow	SPLIT WIRED RECEPTACLE		ACTIVE HDMI 2.0 RECEPTACLE			
\bigcirc	DUPLEX FLOOR RECEPTACLE		CEILING DATA RECEPTACLE (CAT8)			
\bigoplus	QUAD FLOOR RECEPTACLE		CEILING ACTIVE HDMI 2.0 RECEPTACLI			
XLR FLOOR RECEPTACLE -GP- SWITCH						
\bigcirc	DUPLEX CEILING RECEPTACLE		3-WAY SWITCH			
$\mathbf{\Phi}$	SPLIT WIRED CEILING RECEPTACLE	VS	VACANCY SENSING SWITCH			
⊘ CEILING XLR RECEPTACLE → WATER LINE						
1. All power receptacles shall be AFCI, unless noted otherwise.						







GENERAL NOTES

. This tenant improvement proposes no changes to the existing parking, landscape, hardscape, irrigation, grading, drainage, or related items.

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SITE PHOTO: AST OF FRON

TE PHOTO: OF BUILDI

SITE PHOTO: I OF BUILDING

5

- Per the Lemon Grove Development Standards for the Village Commercial 5 zone, buildings on the North and South sides of Broadway shall be located within 1'-0" of the ultimate right-of-way.
- Therefore, no setback lines are shown. Parking requirements are per the Lemon Grove Downtown Village Specific Plan Development Standards for Village Commercial (5 & 3) item 7. For building department purposes, parking shall be calculated for office use (3.0 spaces / 1,000 square feet).

PARKING CALCULATION

				-		
TOTAL	PARKING RATIO	SPACES R	EQUIRED	SPACES PROVIDED ¹		
PROJECT SF		STD	ADA	STD	ADA	
1,781 SF	3.0 SPACES PER 1,000 SF	6	1	47	5	
1. All provided parking spaces are part of the existing parking facility on the same parcel as this tenant improvement.						

No additions or alterations are proposed to the existing parking facility and therefore this tenant improvement is exempt from adding bicycle and electric vehicle parking spaces per CGBC Sections 5.106.4.1 and 5.106.5.4.1 respectively. See sheet A002.



A101

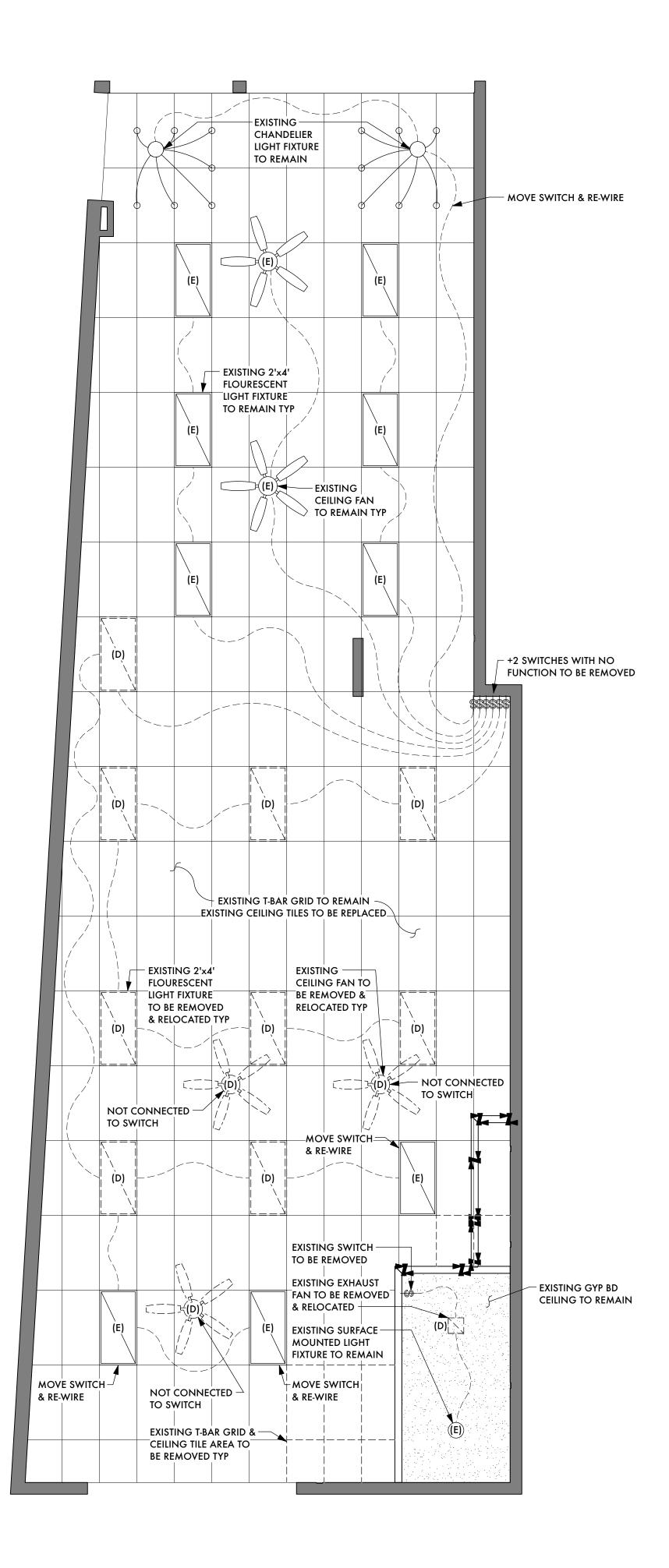
SETH SMITH

DESIGNER

8064 GOLDEN AVE., APT F

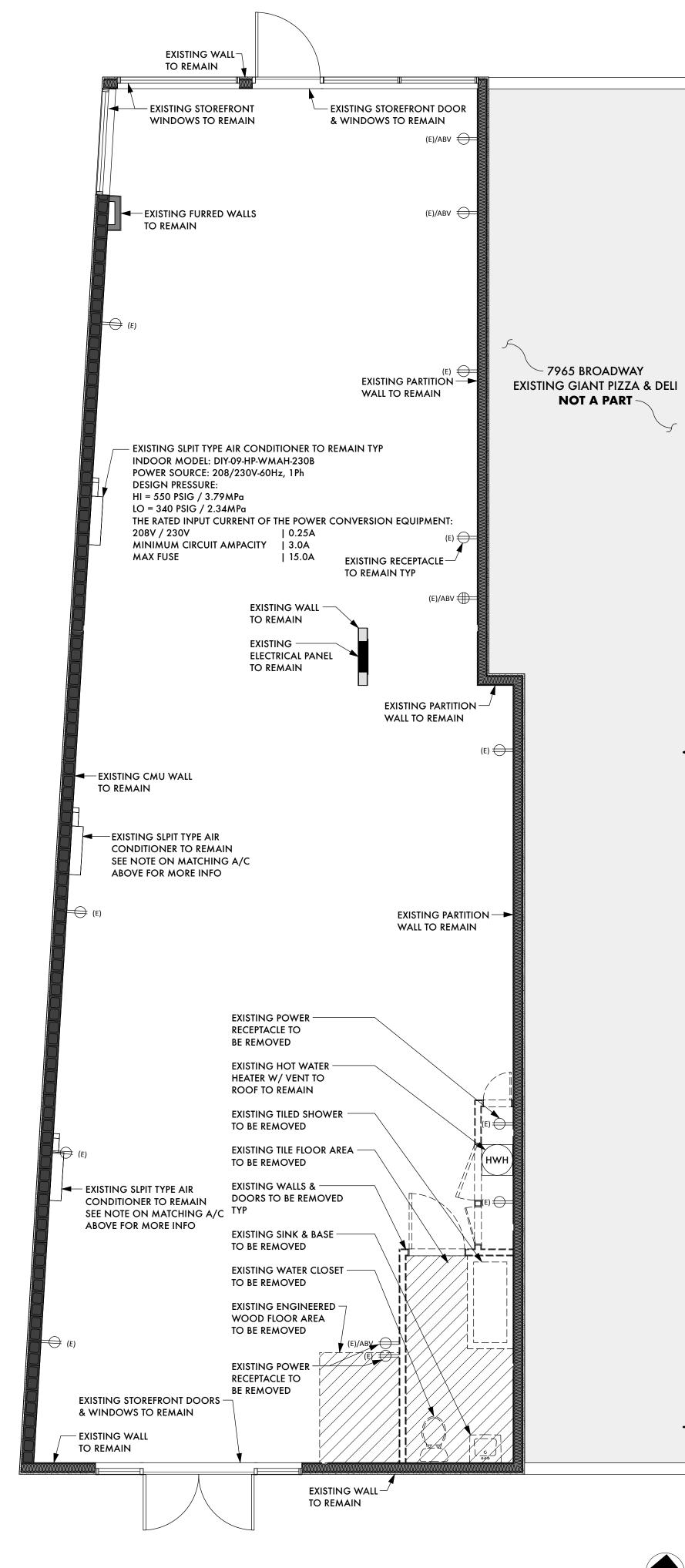
LEMON GROVE, CA 91945

DATE PUBLISHED: DRAWN BY: **REV DATE: DESCRIPTION:** 4 -685 1 a. 0 m











EXISTING 400 AMP -

MAIN ELECTRICAL

PANEL TO REMAIN

DEMO RCP & FLOOR PLAN NOTES

GENERAL NOTES

- Demolition Plan shows approximate layout of existing building and is not intended to represent "As-Built" conditions. Contractor shall visit site and otherwise become familiar with actual conditions.
- Prior to any demolition work, contractor must field verify all existing mechanical, plumbing and electrical work.
- . Walls, partitions, doors, frames and other items to be removed are shown dashed. Edges of walls shown to remain shall be sawcut or cleanly toothed to accept new construction. Repair and patch existing walls shown to remain where intersection walls, doors, frames, etc. are shown to be removed and where existing construction will now be exposed in the new construction.
- Existing construction shown to remain including but not limited to walls, partitions, doors, frames, etc. shall be protected during demolition. Damage to existing construction shown to remain shall be restored to match pre-damaged condition if necessary.
- Protect from damage all existing finish work to remain in place and which becomes exposed during demolition operations.
- 6. Provide all necessary shoring, bracing and support to prevent movement, settlement, or collapse of structure or element to be demolished, and adjacent structure or element shown to remain. Existing concrete floor slabs, masonry walls and existing structural framing systems shown to be
- removed shall be cleanly sawcut from existing construction. 8. Where finishes are shown to be removed from existing construction, repair and patch remaining
- substrate and prepare for new finish. 9. All infill or replacement work shall match existing conditions in materials, construction and finish,
- unless specifically noted on the construction documents.
- 10. Where existing plumbing, mechanical, or electrical fixtures and items have been removed, plug and cap pipe lines, conduits, etc. below floor line, above ceiling or behind wall face as applicable and necessary to conceal the abandonded items.
- 11. Contractor shall coordinate extent of demolition with proposed plans.

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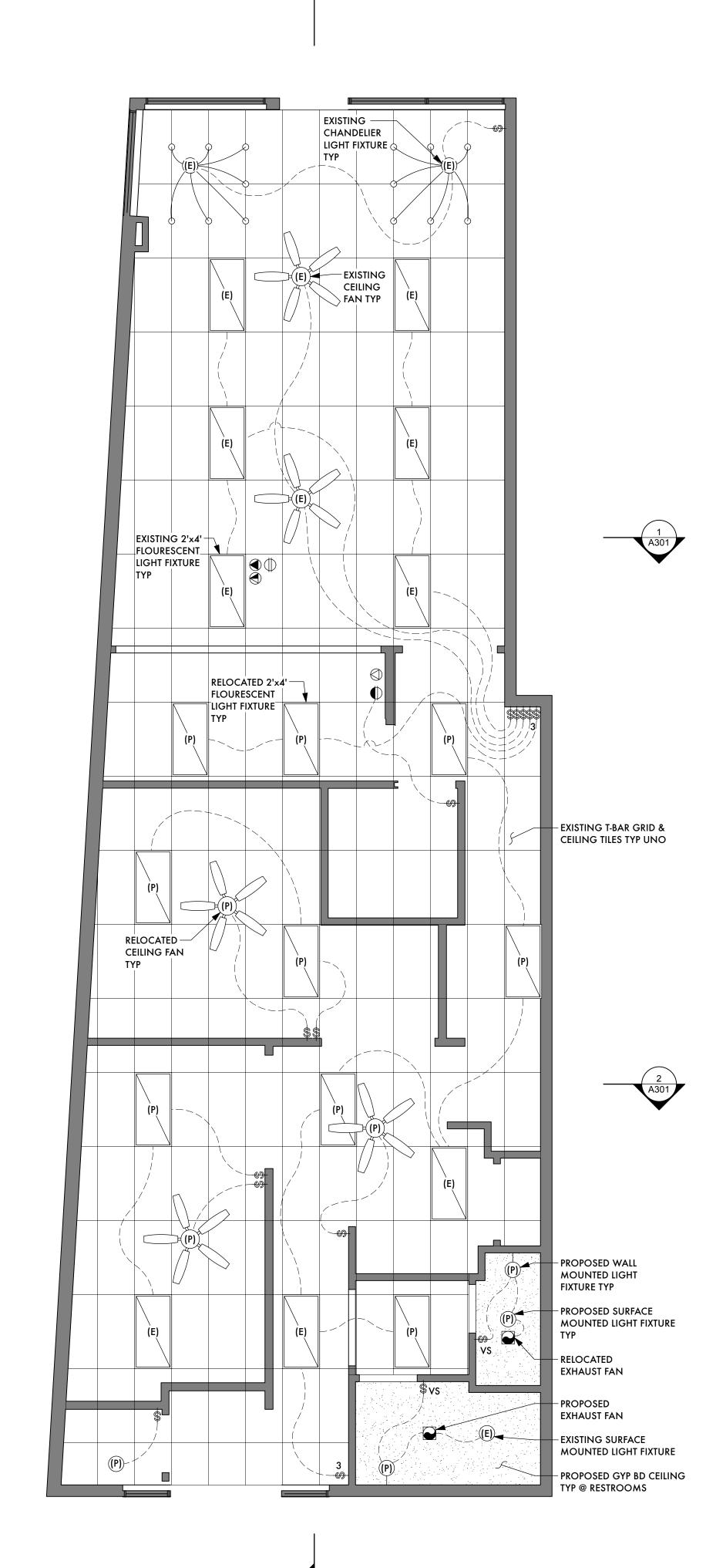
DESIGNER

8064 GOLDEN AVE., APT F LEMON GROVE, CA 91945

EMAIL: SETH.ANDREW.SMITH@GMAIL.COM

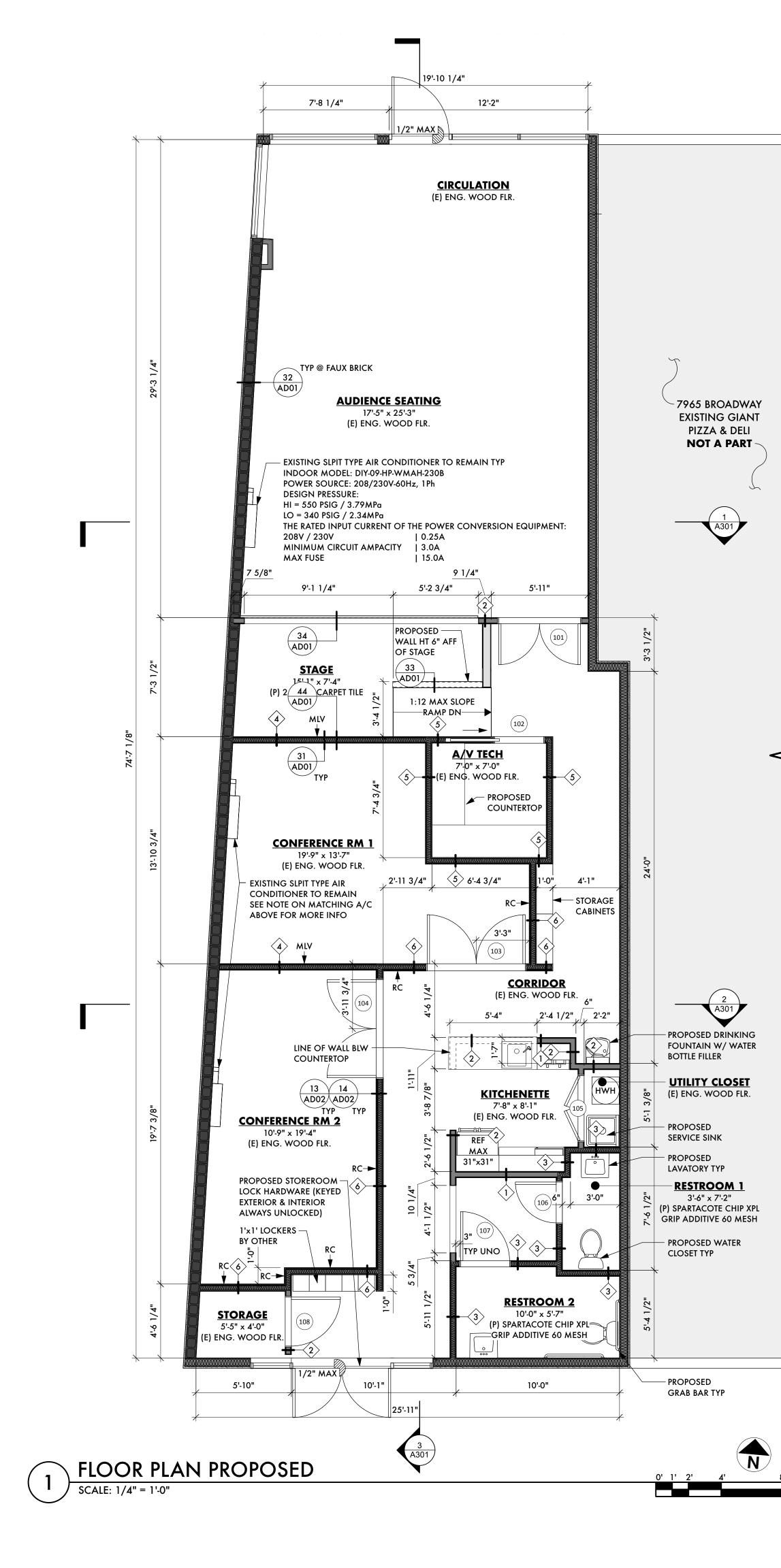
> PHONE: 619-365-0472

FLOOR PLAN & FLOOR PLAN & RCP: DEMOLITION JOB NUMBER: 24.5S.01 DATE PUBLISHED: 10.07.2024 DRAWN BY: SS M REV DATE: DESCRIPTION: Image: Signal state Image: Signal state Image: Signal state Image:	E NEIGHBORHOOD BY GC LEMON GROVE	7963 BROADWAY LEMON GROVE, CA 91945	GRACE COMMUNION LEMON GROVE
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REFLECTED CEILING PLAN PROP. SCALE: 1/4" = 1'-0" 0' 1' 2' 4'



FLOOR PLAN NOTES & LEGEND

GENERAL NOTES

General notes are shown on the specification sheets. Symbols and abbreviations are shown on

- the title sheet. 2. Dimensions are to face of wall assembly.
- Door details, material, size, operation, lites, and hardware configuration are shown on the door schedule.

4. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address identification shall be maintained.

- 5. See sheet A006 for accessibility requirements.
- 6. All restroom wall surfaces shall be covered with gloss or semi-gloss enamel, epoxy, FRP, ceramic tile, synthetic enamel or other approved material.
- 7. Walls in all areas (except audience seating, circulation, stage areas) shall be durable, smooth and non-absorbent with light colored, easily cleanable, washable finish.

	WALL LEGEND							
MARK	IMAGE	LOCATION	FRAME TYPE	STUD SPACING	FIRE RATING	STC RATING	Detail ref	
1		INTERIOR	2X4 WOOD	16" OC	NR	NR	11/D1	
2		INTERIOR	2X4 WOOD	24" OC	NR	NR	12/D1	
3		INTERIOR	2X4 WOOD	24" OC	NR	42	13/D1	
4		INTERIOR	2X4 WOOD	16" OC	NR	45	14/D1	
5		INTERIOR	2X4 WOOD	16" OC	60	36	21/D1	
6		INTERIOR	2X4 WOOD	16" OC	60	51	22/D1	

PROPOSED RESTROOM NOTES

NUMBER & TYPE OF RESTROOM NOTES

- Per CPC Section 422.2(3), in business and mercantile occupancies with a total occupant load of 50 or less including customers and employees, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.
 Per CBC Section 11B-213.2 exception 4, where multiple single user toilet rooms are clustered at a
- single location, 50 percent, but no fewer than one, of the single user toilet rooms for each use at each cluster shall be accessible.

RCP NOTES & LEGEND

GENERAL NOTES

Existing light fixtures, ceiling fans, ceiling tile, T-Bar grid, and framing to be removed and reused, typical, unless noted otherwise.

- . Center all penetrations through the ceiling/panel, unless noted otherwise.
- Provide suspended gypsum board ceiling in restrooms. Ceilings in all areas shall be durable, smooth and non-absorbent, with a light colored, easily cleanable, washable finish and to have a reflective value of 70% or higher.

UTILITY SYMBOLS								
SYM	DEFINITION	SYM	DEFINITION					
\Rightarrow	DUPLEX RECEPTACLE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER					
QUAD RECEPTACLE — DATA RECEPTACLE (CAT8)								
\Rightarrow	SPLIT WIRED RECEPTACLE		ACTIVE HDMI 2.0 RECEPTACLE					
\square	DUPLEX FLOOR RECEPTACLE		CEILING DATA RECEPTACLE (CAT8)					
QUAD FLOOR RECEPTACLE CEILING ACTIVE HDMI 2.0 R								
XLR FLOOR RECEPTACLE -GP SWITCH								
DUPLEX CEILING RECEPTACLE -69-3 3-WAY SWITCH								
\bigcirc	SPLIT WIRED CEILING RECEPTACLE	VS	VACANCY SENSING SWITCH					
1. All p	ower receptacles shall be AFCI, unless not	ed otherw	ise.					

SETH SMITH

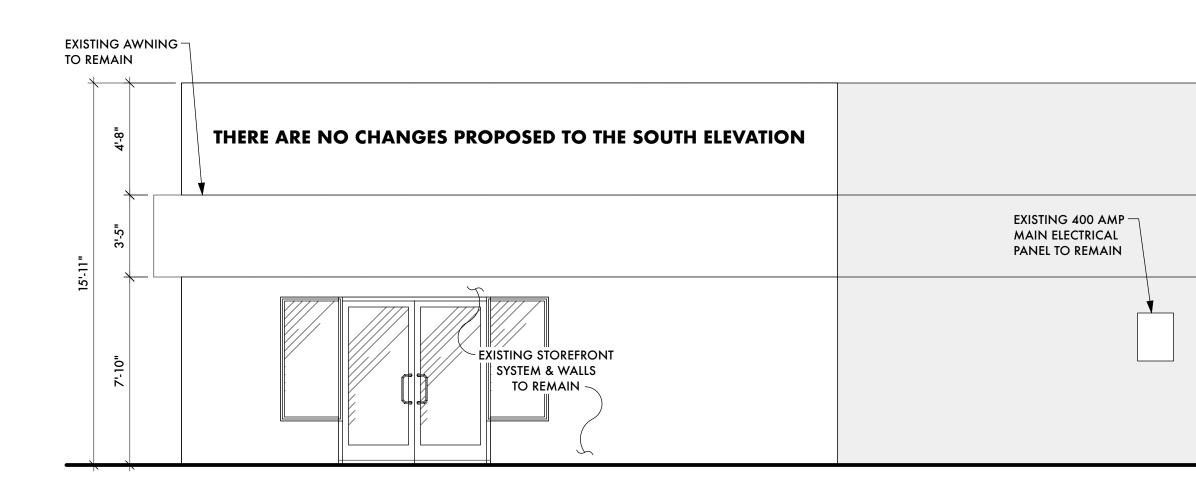
DESIGNER

8064 GOLDEN AVE., APT F LEMON GROVE, CA 91945

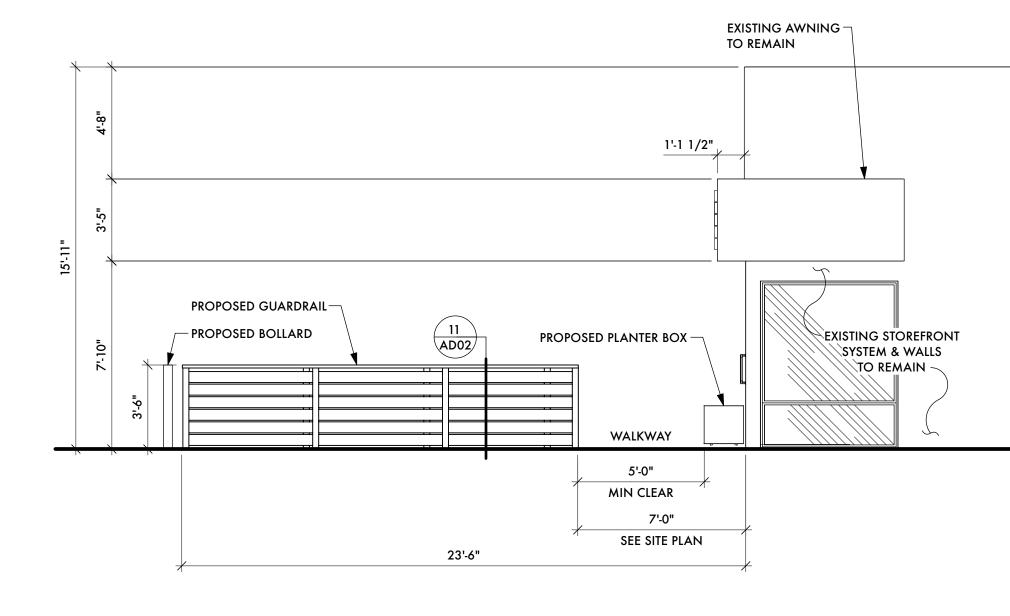
EMAIL: SETH.ANDREW.SMITH@GMAIL.COM

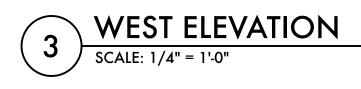
> PHONE: 619-365-0472

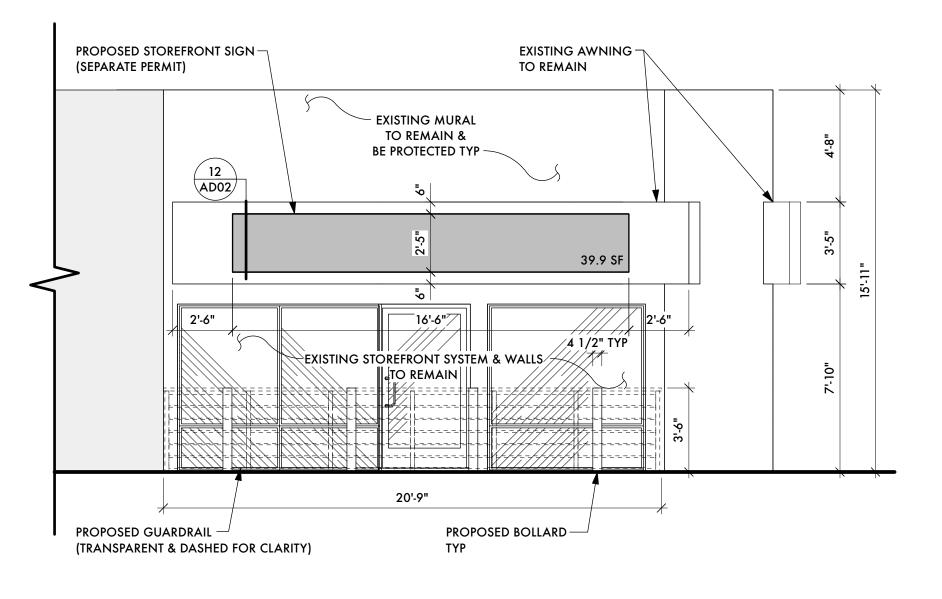
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THERE ARE NO CHANGES PROPOSED TO THE WEST BUILDING ELEVATION



ELEVATION NOTES

- **GENERAL NOTES**
- 1. Exterior signs shall be under a separate permit.
- 2. Existing mural to remain and be protected.
- 3. No changes are being proposed on either the South or West elevations.

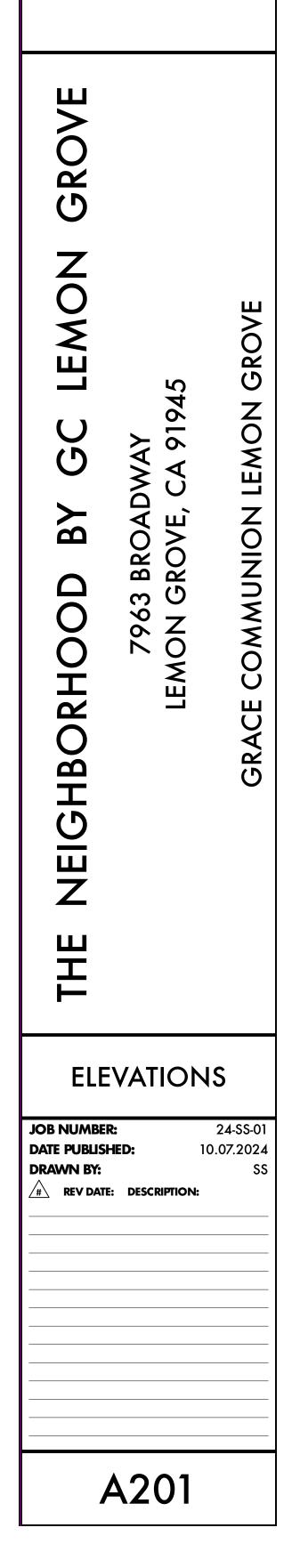
SETH SMITH

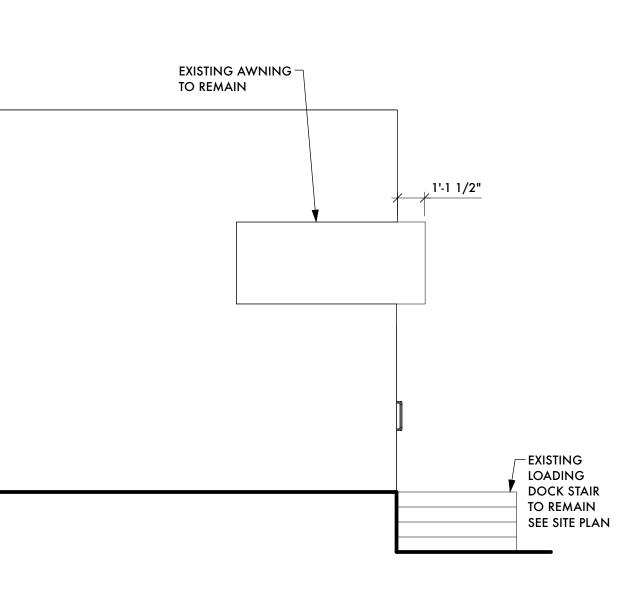
DESIGNER

8064 GOLDEN AVE., APT F LEMON GROVE, CA 91945

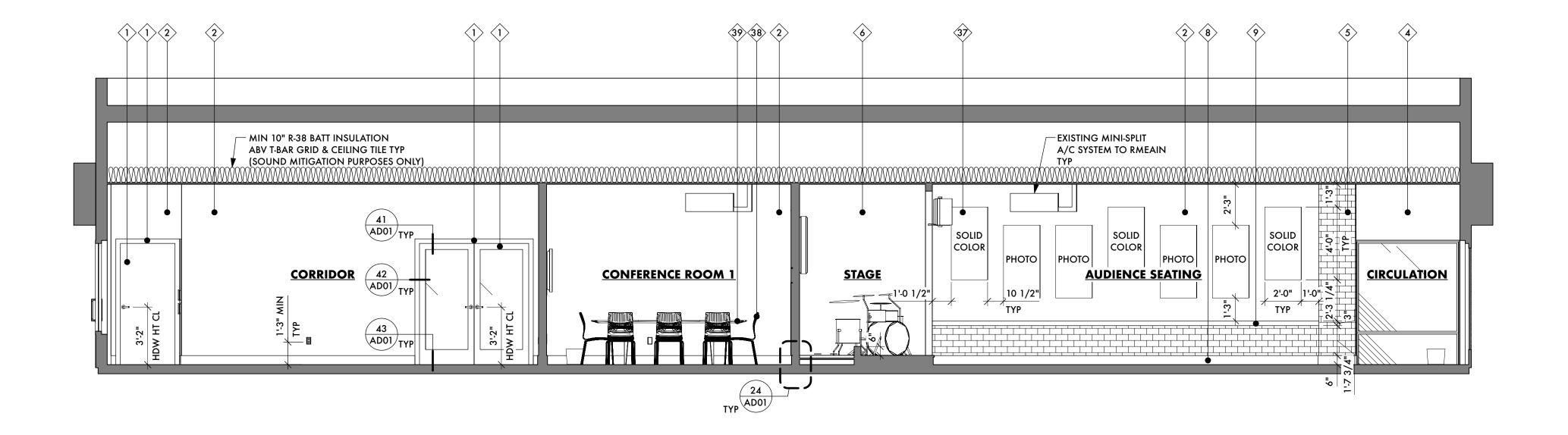
EMAIL: SETH.ANDREW.SMITH@GMAIL.COM

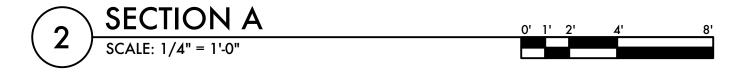
> PHONE: 619-365-0472

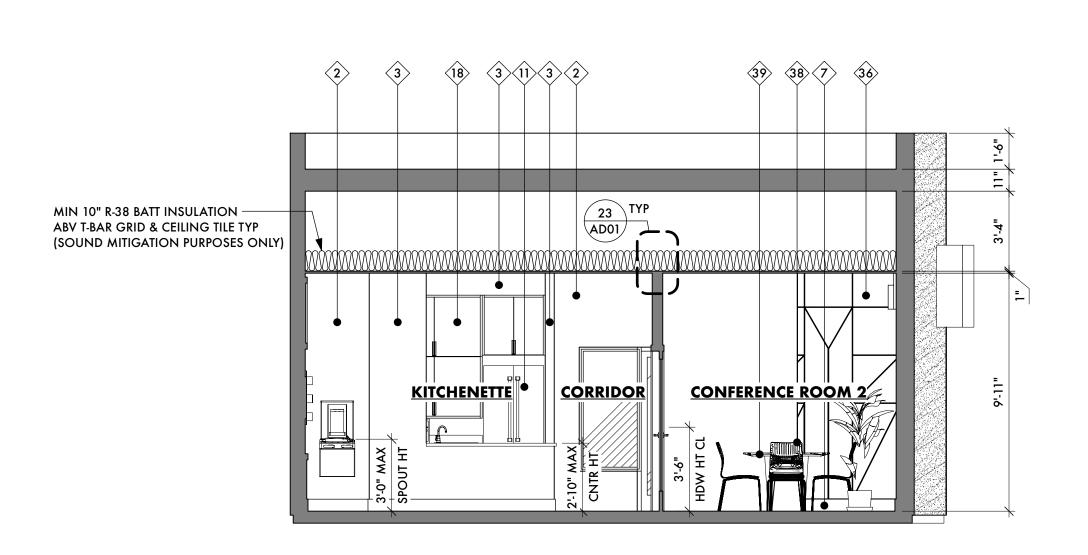


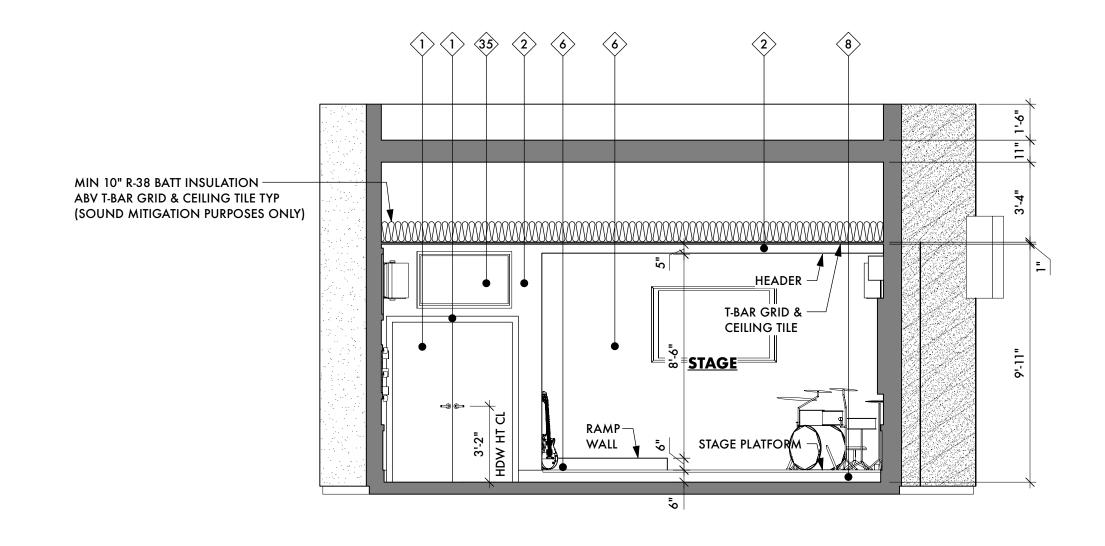
















	FII	NISHES & FURN	ITURE	
MARKER	PART	MANUF	COLOR	MODEL
$\langle 1 \rangle$	PAINT	BEHR	SWISS COFFEE (S)	12
2>	PAINT	BEHR	NATURAL ALMOND (S)	PPU4-12
3	PAINT	BEHR	NATURAL ALMOND (G)	PPU4-12
4	PAINT	BEHR	BLACK (S)	BLACK
5	FAUX BRICK	FALKIRK UFFCOTT	LIGHT BROWN	UFHDL1901-10
6 ¹	2'X2' CARPET TILE	CONTENDER	ICE BLACK	7RDTN0915PK
$\langle \gamma \rangle$	BASEBOARD	TBD	SEE ITEM 1	6" RECTANGULA PROFILE
8	BASEBOARD	TBD	"WALNUT" STAIN	6" RECTANGULA PROFILE
\$	CHAIR RAIL	TBD	"WALNUT" STAIN	3" RECTANGULA PROFILE
$\langle 10 \rangle$	DRINKING FOUNTAIN	ELKAY	LIGHT GRAY GRANITE	EZSDWSLK
$\langle 1 \rangle$	REFRIGERATOR	FORNO	STAINLESS STEEL	FFFFD1974-31SE
	COFFEE BREWER	AIRPOT	N/A	D1000GH
13	MICROWAVE	GE	STAINLESS STEEL	JES1145SHSS
14	KITCHEN SINK	ELKAY	LUSTROUS SATIN	DRKAD222055
(15)	KITCHEN FAUCET	MOEN	SPOT RESISTANT STAINLESS	87205SRS
	BASE CABINET	BORRELLI	TBD	TBD
	DRAWER	BORRELLI	TBD	TBD
18	UPPER CABINET	BORRELLI	TBD	TBD
(19)	COUNTERTOP	BORRELLI	TBD	TBD
20'	DOOR PULL	BORRELLI	TBD	TBD
21	DRAWER PULL	BORRELLI	TBD	TBD
22>	MIRROR	BOBRICK	STAINLES STEEL	B-165
23>	LIQUID SOAP DISPENSER	LAVEX	STAINLES STEEL	712LSD40V
24	TOILET	KOHLER	WHITE	K-31674
25>	LAVATORY	KOHLER	WHITE	К-2032
26	UNDER LAVATORY PROTECTOR	TDB	WHITE	TBD
27>	LAVATORY FAUCET	DELTA	BRUSHED NICKEL	B501LF
28>	TOILET SEAT COVER DISPENSER	ASI	STAINLES STEEL	0477-SM
29>	SANITARY NAPKIN RECEPTACLE	LAVEX	STAINLES STEEL	712SNRSS
30	TOILET TISSUE DISPENSER	BOBRICK	STAINLES STEEL	B-2888
31>	PAPER TOWEL DISPENSER	LAVEX	STAINLES STEEL	712PTD200
32>	SEAT COVER & TOILET PAPER DISPENSER	ASI	STAINLES STEEL	0482
33	(R) PAPER TOWEL DISPENSER	BOBRICK	STAINLES STEEL	B-369
34	ADA GRAB BAR	TBD	TBD	TBD
		TBD	TBD	TBD
36 ¹	ACOUSTICAL WALL PANELING	N/A	MULTIPLE / TBD	N/A
	SOUND BAFFLE	TBD	TBD	TBD
	CHAIR	TBD	TBD	TBD
39	TABLE	TBD	TBD	TBD

SETH SMITH

DESIGNER

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7963 BROADWAY LEMON GROVE, CA 919

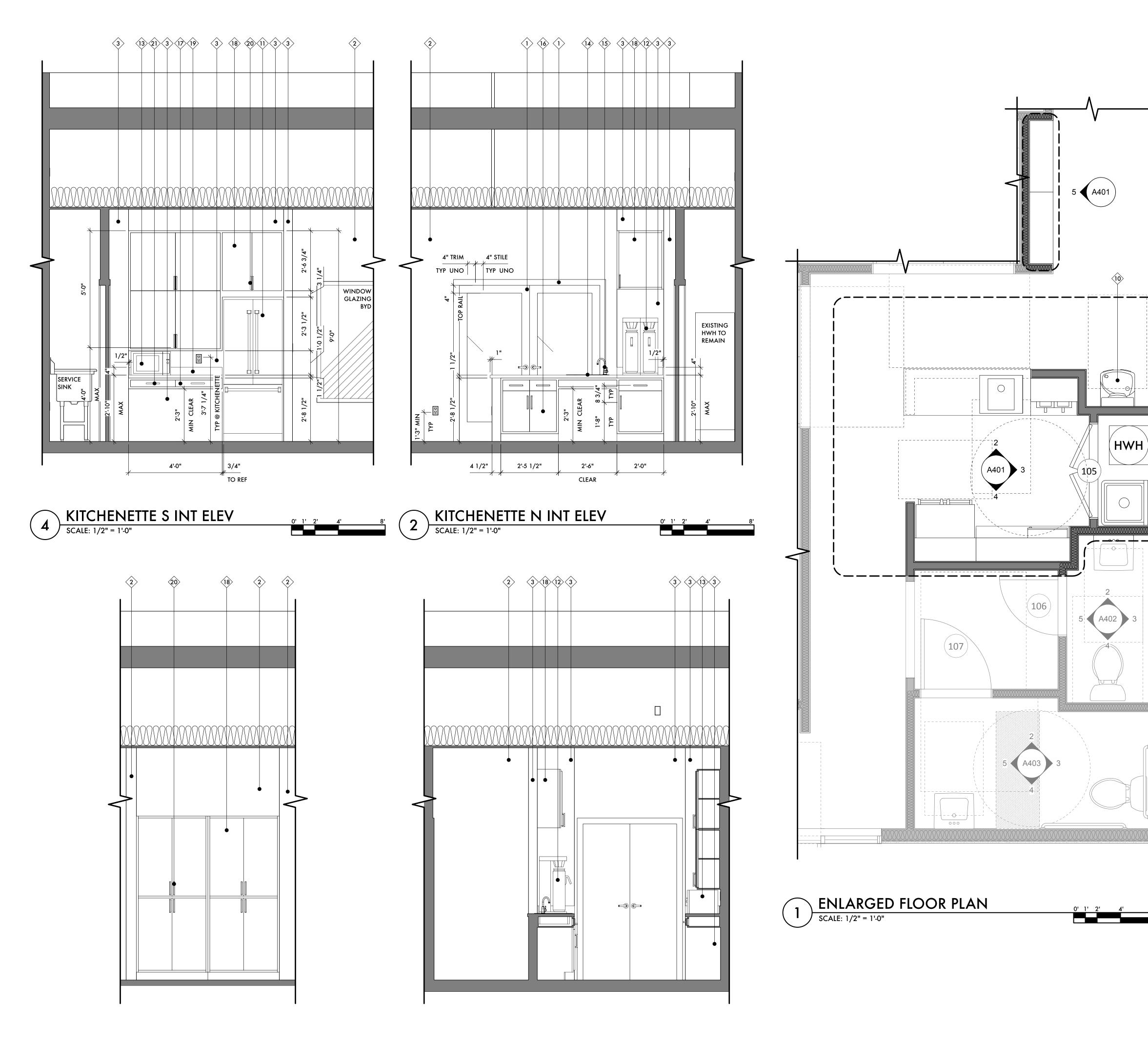
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GRACE COMMUNION LEMON GROVE

SECTIONS

JOB	NUMBER:		24-SS-01
DATI	e publishe	D:	10.07.2024
DRA	WN BY:		SS
∕#∖	REV DATE:	DESCRIPTION	

A301









T ELEV 0' 1' 2' 4' 8'

FLOOR PLAN & INT ELEVATION NOTES

GENERAL NOTES: KITCHENETTE

- Dimensions to power outlets are to the lowest operable part for low outlets and to the highest operable part for high outlets.
 Depths execution to CPC Section 118 204.2, prove through and we broad histohese that do not
- Per the exception to CBC Section 11B-804.2, pass through and u-shaped kitchens that do not provide a cooktop or conventional range shall not be required to provide clearance between all opposing base cabinets, counter tops, appliances or walls within the kitchen work areas as outlined by CBC Sections 11B-804.2.1 and 11B-804.2.2.
- 3. Per CBC Section 11B-804.6.6, combination refrigerators and freezers shall have at least 50 percent of the freezer space 54 inches maximum above the finish floor or ground. The clear floor or ground space shall be positioned for a parallel approach to the space dedicated to a refrigerator/freezer with the centerline of the clear floor or ground space offset 24 inches maximum from the centerline of the dedicated space.

MARKER	PART	MANUF	COLOR	MODEL	
	PAINT	BEHR	SWISS COFFEE (S)	12	
2	PAINT	BEHR	NATURAL	PPU4-12	
	PAINT	BEHR	ALMOND (S) NATURAL	PPU4-12	
3			ALMOND (G)		
<u>(4)</u> (5)	PAINT FAUX BRICK	BEHR FALKIRK UFFCOTT	BLACK (S)	BLACK UFHDL1901-10	
<u> </u>	2'X2' CARPET TILE	CONTENDER	ICE BLACK	7RDTN0915PK	
	BASEBOARD	TBD	SEE ITEM 1	6" RECTANGULA PROFILE	
8	BASEBOARD	TBD	"WALNUT" STAIN	6" RECTANGULA PROFILE	
(9 >	CHAIR RAIL	TBD	"WALNUT" STAIN	3" RECTANGULA PROFILE	
10>	DRINKING FOUNTAIN	ELKAY	LIGHT GRAY GRANITE	EZSDWSLK	
	REFRIGERATOR	FORNO	STAINLESS STEEL	FFFFD1974-31SB	
	COFFEE BREWER	AIRPOT	N/A	D1000GH	
	MICROWAVE	GE	STAINLESS STEEL	JES1145SHSS	
	KITCHEN SINK	ELKAY	LUSTROUS SATIN	DRKAD222055	
(15)	KITCHEN FAUCET	MOEN	STAINLESS	87205SRS	
	BASE CABINET	BORRELLI	TBD	TBD	
	DRAWER	BORRELLI	TBD	TBD	
		BORRELLI	TBD	TBD	
		BORRELLI	TBD	TBD	
		BORRELLI	TBD	TBD	
21)' 22>	DRAWER PULL MIRROR	BORRELLI BOBRICK	TBD STAINLES STEEL	TBD B-165	
~~~ 23	LIQUID SOAP DISPENSER	LAVEX	STAINLES STEEL	712LSD40V	
24	TOILET	KOHLER	WHITE	K-31674	
25	LAVATORY	KOHLER	WHITE	K-2032	
26	UNDER LAVATORY PROTECTOR	TDB	WHITE	TBD	
27	LAVATORY FAUCET	DELTA	BRUSHED NICKEL	B501LF	
28	TOILET SEAT COVER DISPENSER	ASI	STAINLES STEEL	0477-SM	
29>	SANITARY NAPKIN RECEPTACLE	LAVEX	STAINLES STEEL	712SNRSS	
30>	TOILET TISSUE DISPENSER	BOBRICK	STAINLES STEEL	B-2888	
31>	PAPER TOWEL DISPENSER	LAVEX	STAINLES STEEL	712PTD200	
32	SEAT COVER & TOILET PAPER DISPENSER	ASI	STAINLES STEEL	0482	
33	(R) PAPER TOWEL DISPENSER	BOBRICK	STAINLES STEEL	B-369	
	ADA GRAB BAR	TBD	TBD	TBD	
35	TELEVISION	TBD	TBD	TBD	
361	ACOUSTICAL WALL PANELING	N/A	MULTIPLE / TBD	N/A	
37	SOUND BAFFLE	TBD	TBD	TBD	
38	CHAIR	TBD	TBD	TBD	
39	TABLE	TBD	TBD	TBD	



## DESIGNER

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> PHONE: 619-365-0472

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JOB NUMBER:

DATE PUBLISHED: DRAWN BY:

# REV DATE: DESCRIPTION:

**INTERIOR ELEVS:** 

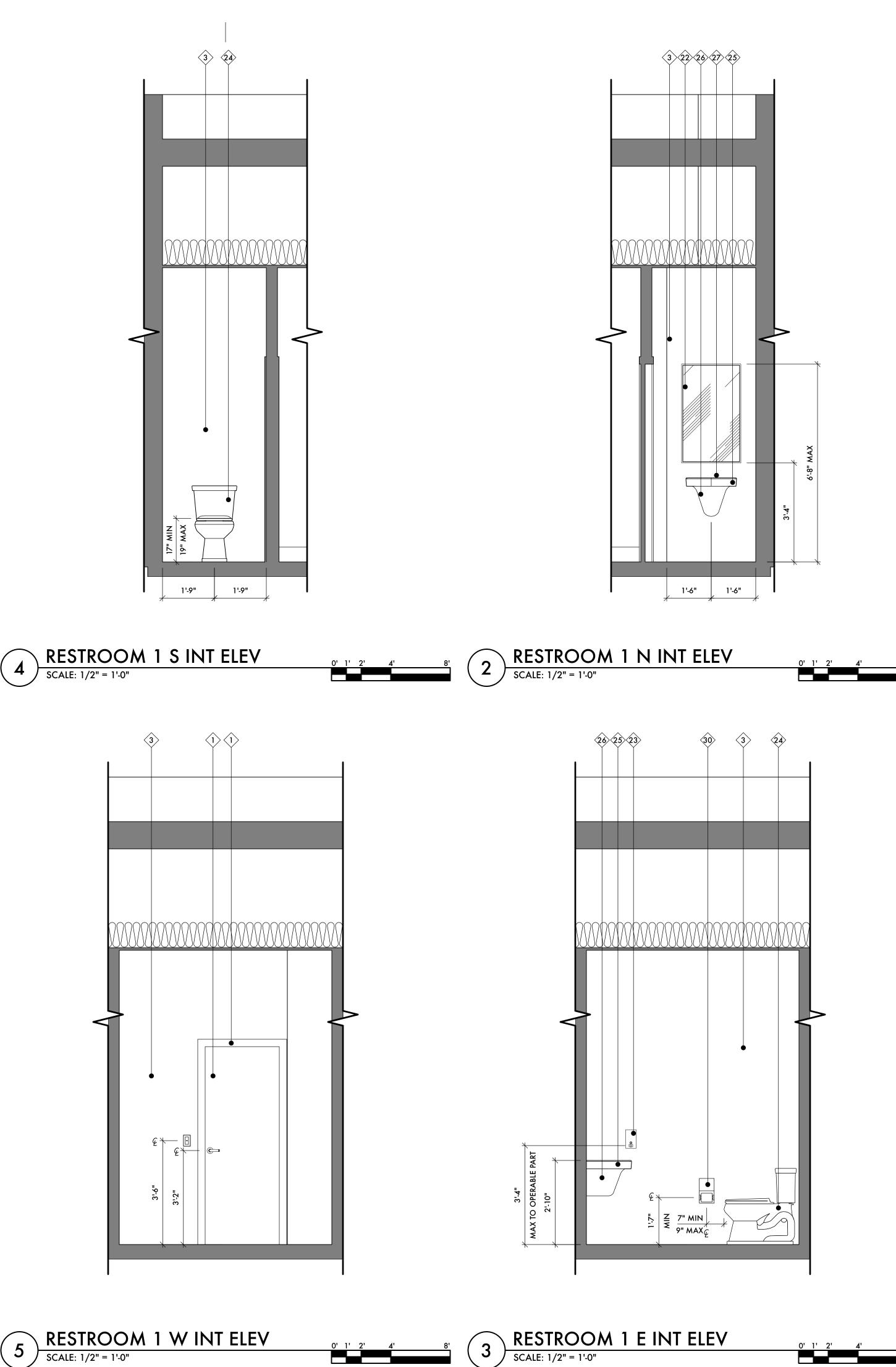
KITCHENETTE

A401

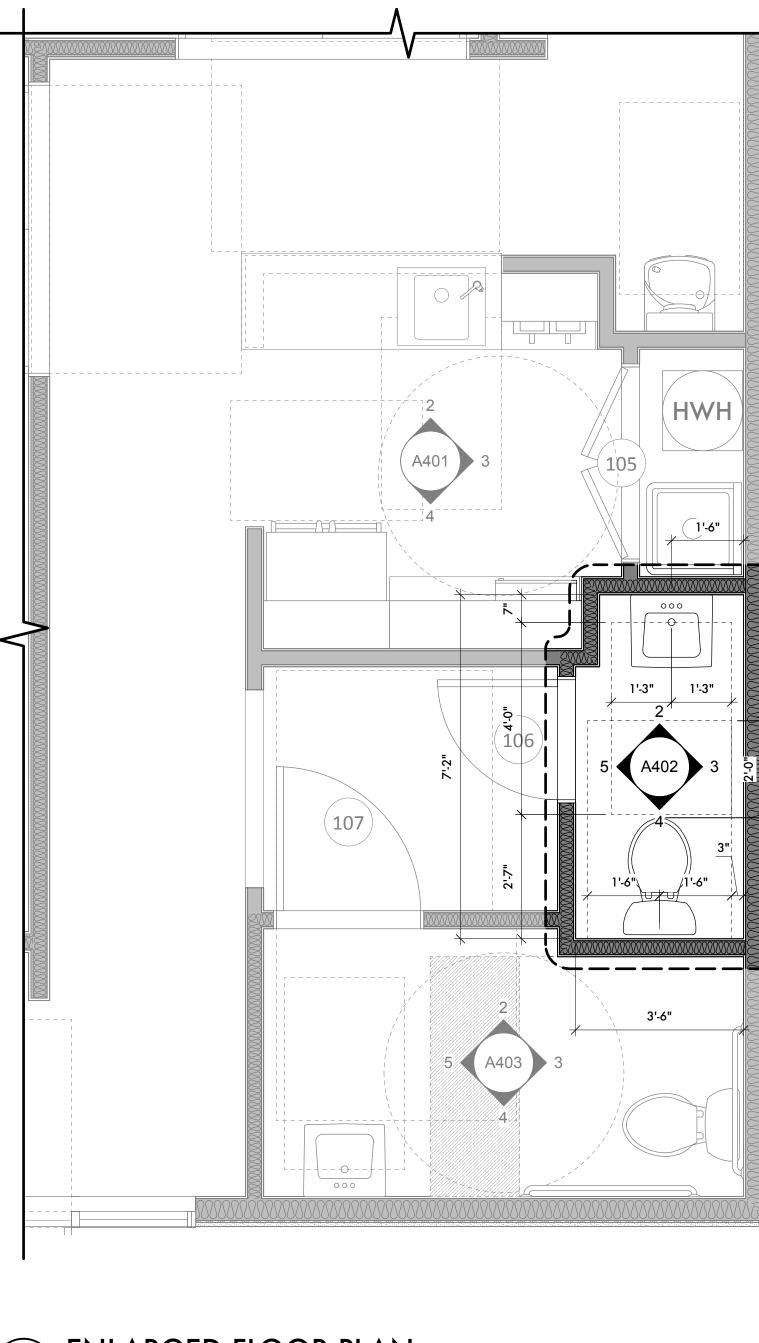
24-SS-01

10.07.2024

7963 BROADWAY LEMON GROVE, CA 91945 **GRACE COMMUNION LEMON GROVE** 



4



SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

## FLOOR PLAN & INT ELEVATION NOTES

#### **GENERAL NOTES: KITCHENETTE**

- Dimensions to power outlets are to the lowest operable part for low outlets and to the highest operable part for high outlets.
- Per the exception to CBC Section 11B-804.2, pass through and u-shaped kitchens that do not provide a cooktop or conventional range shall not be required to provide clearance between all opposing base cabinets, counter tops, appliances or walls within the kitchen work areas as outlined by CBC Sections 11B-804.2.1 and 11B-804.2.2.
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MARKER	PART	MANUF	COLOR	MODEL	
	PAINT	BEHR	SWISS COFFEE (S)	12	
2	PAINT	BEHR	NATURAL ALMOND (S)	PPU4-12	
<u>`</u>	PAINT	BEHR	NATURAL	PPU4-12	
$\overline{4}$	PAINT	BEHR	ALMOND (G) BLACK (S)	BLACK	
<u>4</u> <u>(5)</u>	FAUX BRICK	FALKIRK UFFCOTT	LIGHT BROWN	UFHDL1901-10	
	2'X2' CARPET TILE	CONTENDER	ICE BLACK	7RDTN0915PK	
$\langle \rangle$	BASEBOARD	TBD	SEE ITEM 1	6" RECTANGULA PROFILE	
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<b>(9</b> >	CHAIR RAIL	TBD	"WALNUT" STAIN	3" RECTANGULA PROFILE	
10>	DRINKING FOUNTAIN	ELKAY	LIGHT GRAY GRANITE	EZSDWSLK	
$\langle \hat{1} \rangle$	REFRIGERATOR	FORNO	STAINLESS STEEL	FFFFD1974-31SB	
	COFFEE BREWER	AIRPOT	N/A	D1000GH	
<b>13</b> ¹	MICROWAVE	GE	STAINLESS STEEL	JES1145SHSS	
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<b>32</b>	SEAT COVER & TOILET PAPER DISPENSER	ASI	STAINLES STEEL	0482	
<u>33</u>	(R) PAPER TOWEL DISPENSER	BOBRICK	STAINLES STEEL	B-369	
		TBD	TBD	TBD	
35' 36'	TELEVISION ACOUSTICAL WALL PANELING	TBD N/A	TBD MULTIPLE / TBD	TBD N/A	
· .	SOUND BAFFLE	TBD	TBD	TBD	
37 ¹ 38 ¹	CHAIR	TBD	TBD	TBD	
<u>39</u>	TABLE	TBD	TBD	TBD	

## SETH SMITH

## DESIGNER

8064 GOLDEN AVE., APT F LEMON GROVE, CA 91945

EMAIL: SETH.ANDREW.SMITH@GMAIL.COM

> PHONE: 619-365-0472

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JOB NUMBER:

DRAWN BY:

DATE PUBLISHED:

**REV DATE: DESCRIPTION:** 

**INTERIOR ELEVS:** 

**RESTROOM 1** 

A402

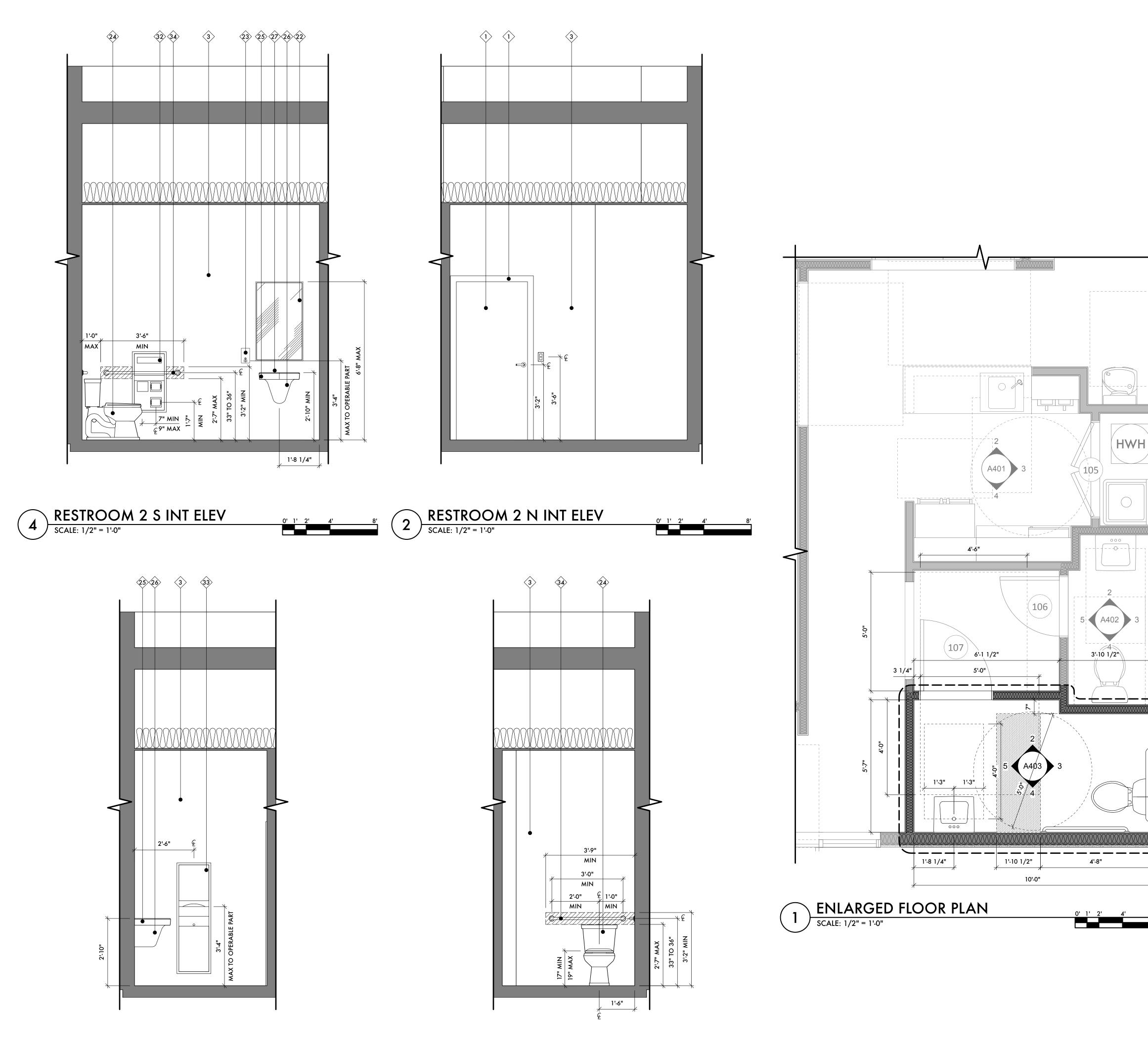
24-SS-01

10.07.2024

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5 RESTROOM 2 W INT ELEV SCALE: 1/2" = 1'-0" 
 Bit
 Bit
 Bit
 Bit
 Bit
 Bit

 8'
 3
 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

T ELEV 0' 1' 2' 4' 8

## FLOOR PLAN & INT ELEVATION NOTES

#### GENERAL NOTES: KITCHENETTE

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	DADT				
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3>	PAINT BEHR		NATURAL ALMOND (G)	PPU4-12	
$\langle 4 \rangle$	PAINT	BEHR	BLACK (S)	BLACK	
<b>5</b>	FAUX BRICK	FALKIRK UFFCOTT	LIGHT BROWN	UFHDL1901-10	
<b>6</b> ¹	2'X2' CARPET TILE	CONTENDER	ICE BLACK	7RDTN0915PK	
$\langle \gamma \rangle$	BASEBOARD	TBD	SEE ITEM 1	6" RECTANGULA PROFILE	
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<b>\$</b>	CHAIR RAIL	TBD	"WALNUT" STAIN	3" RECTANGULA PROFILE	
10	DRINKING FOUNTAIN	ELKAY	LIGHT GRAY GRANITE	EZSDWSLK	
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	DRAWER	BORRELLI	TBD	TBD	
	UPPER CABINET	BORRELLI	TBD	TBD	
(19)	COUNTERTOP	BORRELLI	TBD	TBD	
20'	DOOR PULL	BORRELLI	TBD	TBD	
21	DRAWER PULL	BORRELLI	TBD	TBD	
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25>	LAVATORY	KOHLER	WHITE	K-2032	
26	UNDER LAVATORY PROTECTOR	TDB	WHITE	TBD	
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33	(R) PAPER TOWEL DISPENSER	BOBRICK	STAINLES STEEL	B-369	
34	ADA GRAB BAR	TBD	TBD	TBD	
35	TELEVISION	TBD	TBD	TBD	
36	ACOUSTICAL WALL PANELING	N/A	MULTIPLE / TBD	N/A	
37	SOUND BAFFLE	TBD	TBD	TBD	
	CHAIR	TBD	TBD	TBD	
38	CHAIR				

SETH SMITH

## DESIGNER

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JOB NUMBER:

DRAWN BY:

DATE PUBLISHED:

**REV DATE: DESCRIPTION:** 

7963 BROADWAY LEMON GROVE, CA 91945 **GRACE COMMUNION LEMON GROVI** 

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A403

**INTERIOR ELEVS:** 

RESTROOM 2

24-SS-01

10.07.2024

٨	Mark Leaf Type & Dimension		Unit Function		Tempered Glazing		Unit Performance			Location	Notes					
Number	Phase	Core	Width	Height	ADA	Operation	Self-Closing	HDW Type	Area	VT	FR Minutes	STC	U-Factor	SHGC	(Room)	(Specs & Other Items Not In Schedule
101		Hollow Wood	5'0"	6'8"	Yes	Swing Bi-part	Yes	Double Acting	0.00 SF	N/A	N/A	N/A	N/A	N/A	AUDIENCE SEATING	
102		Solid Wood	3'0"	6'8"	Yes	Pocket Simple	No	Keyed, Pocket	0.00 SF	N/A	N/A	N/A	N/A	N/A	A/V TECH	
103		Solid Wood	6'0"	6'8"	Yes	Swing Bi-part	No	Keyed	25.67 SF		N/A	N/A	N/A	N/A	CONFERENCE RM 1	
104		Solid Wood	6'0"	6'8"	Yes	Swing Bi-part	No	Keyed	25.67 SF		N/A	N/A	N/A	N/A	CONFERENCE RM 2	
105		Hollow Wood	4'0"	6'8"	No	Swing Bi-part	No	Dummy	0.00 SF	N/A	N/A	N/A	N/A	N/A	UTILITY CLOSET	
106		Hollow Wood	2'6"	6'8"	No	Swing Simple	Yes	Keyed, Vacancy	0.00 SF	N/A	N/A	N/A	N/A	N/A	RESTROOM 1	
107		Hollow Wood	3'0"	6'8"	Yes	Swing Simple	Yes	Keyed, Vacancy	0.00 SF	N/A	N/A	N/A	N/A	N/A	RESTROOM 2	
108		Hollow Wood	3'0"	6'8"	No	Swing Simple	No	Storeroom	0.00 SF	N/A	N/A	N/A	N/A	N/A	STORAGE	

E or (E) = 'Existing' D or (D) = 'Demolition' or 'To Be Removed' Doors w/o a listed Phase = 'New' or 'Proposed' Y = 'Yes' or 'True' N = 'No' or 'False' FR = 'Fire Rating' VT = 'Visible Transmittance' NR = 'Not Rated'

Notes:

1. Hardware (HDW) types are as follows:

1. Keyed 2. Privacy

Passage

4. Dummy 5. Knob 6. Lever

7. Entry 8. Deadblot 9. Panic

10. Sliding 11. Automatic 12. Pocket

#### DOOR SCHEDULE

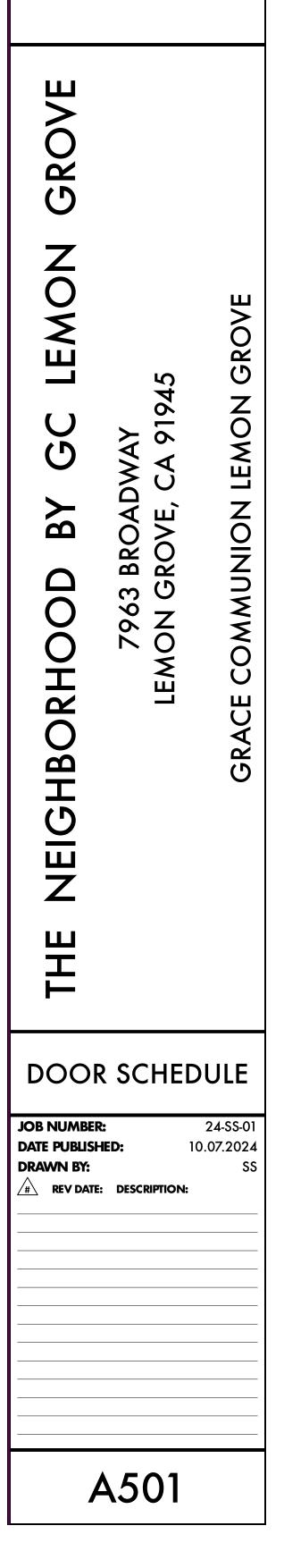
## SETH SMITH

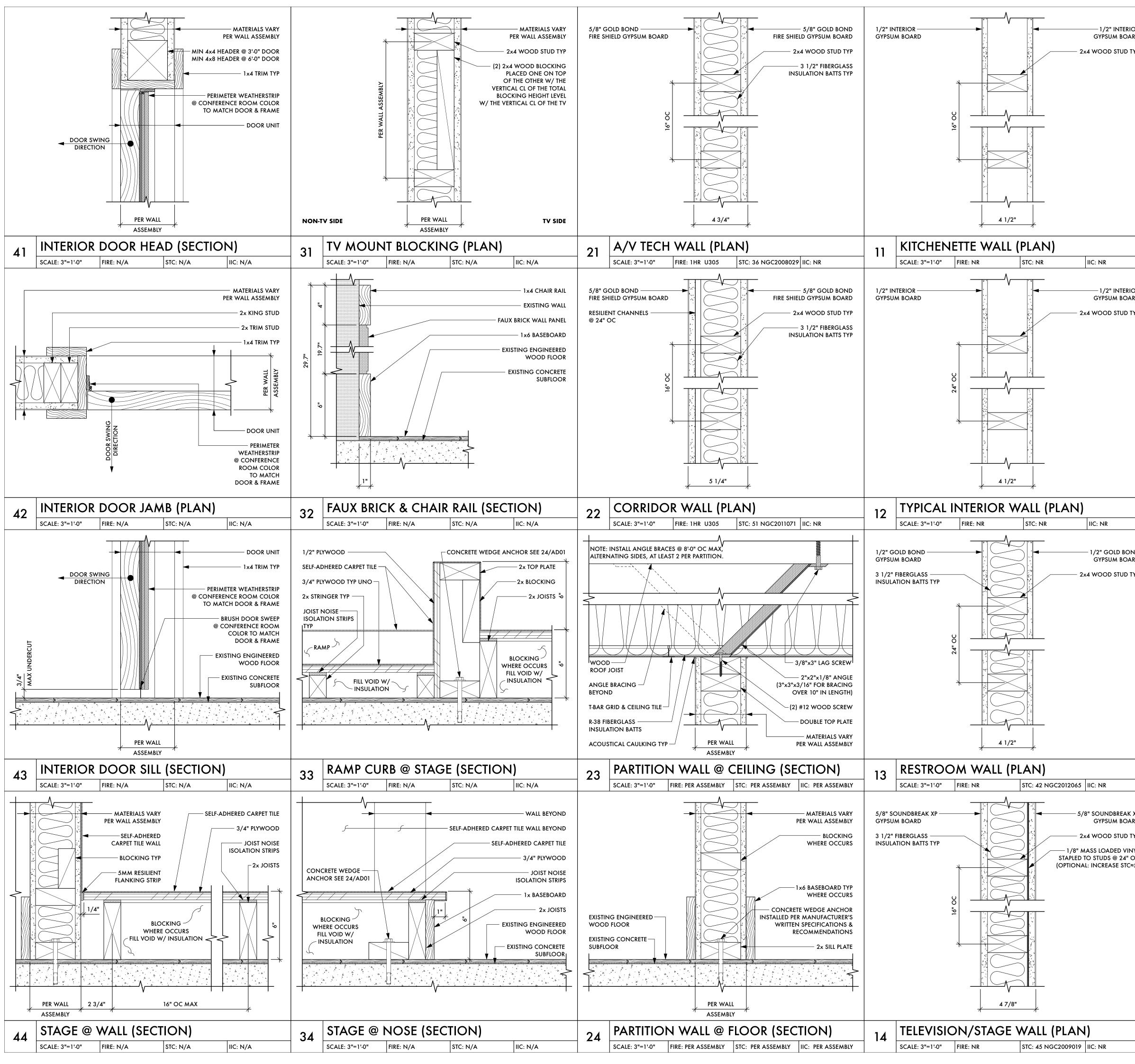
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-1/2" INTERIOR GYPSUM BOARD

WALL ASSEMBLY DETAIL NOTES

YP		GENERAL NOTES		
	Drywall screw and/or local	own are minimum. Larger sizes may be required based on heights and loading. v edge and field spacing per gypsum board manufacturer's recommendations codes and regulations, whichever are more restrictive. All screws shall penetrate	D	esignei
PR 2D 7P	<ol> <li>STC ratings in <pre>Several asser each case ind         </pre> </li> <li>Several asser each case ind         </li> <li>Obtain appro- local jurisdict         </li> <li>A bead of ac STC rated word         </li> <li>Barrier batts, depth.         </li> <li>Resilient chars STC rating.         </li> <li>Provide water interior cerari 10. All gypsum bo 11. No gypsum bo 12. Stagger joint         </li> <li>Do not glue ri 14. Gypsum boa 15. All interior gy finish require A. All joints         </li> </ol>	oval from architect if any deviation from these assemblies is desired or required by ion. oustical sealant shall be applied around the interior perimeter for sound control at ill assemblies. friction fit building insulation or approved equal. Fiberglass thickness to equal stud anels are to be installed properly per manufacturers instructions to achieve desired r resistant gypsum board at all damp locations and cement backer board at all nic tile locations. Maintain board fire rating where required unless noted otherwise. ooard sheets to run vertically, unless noted otherwise. board joints except at studs. s of gypsum board where multiple layers occur. nultiple layers of gypsum board together. rd joints taped with fiber tape. rpsum board installations shall have a level 4 finish unless noted otherwise. A level 4 s the following: and interior angles to be taped and embedded in joint compound and three	LEMO	GOLDEN AVE., A N GROVE, CA 9 EMAIL: REW.SMITH@GM PHONE: 619-365-0472
ID RD YP	separate coa B. All joint o board surfac to receive wo C. Embed to fastener head feather out th	ts of joint compound applied over all joints, angles, fastener heads, and accessories. compound to be smooth and free of tool marks and ridges. provide for gypsum es indicated to receive light-orange-peel / light-textured finishes before painting, or	THE NEIGHBORHOOD BY GC LEMON GI	7963 BROADWAY LEMON GROVE, CA 91945
KP RD YP				DETAILS
YL DC 5)			JOB NUMBE DATE PUBLIS DRAWN BY:	
				AD01

# SETH SMITH

## GNER

AVE., APT F VE, CA 91945

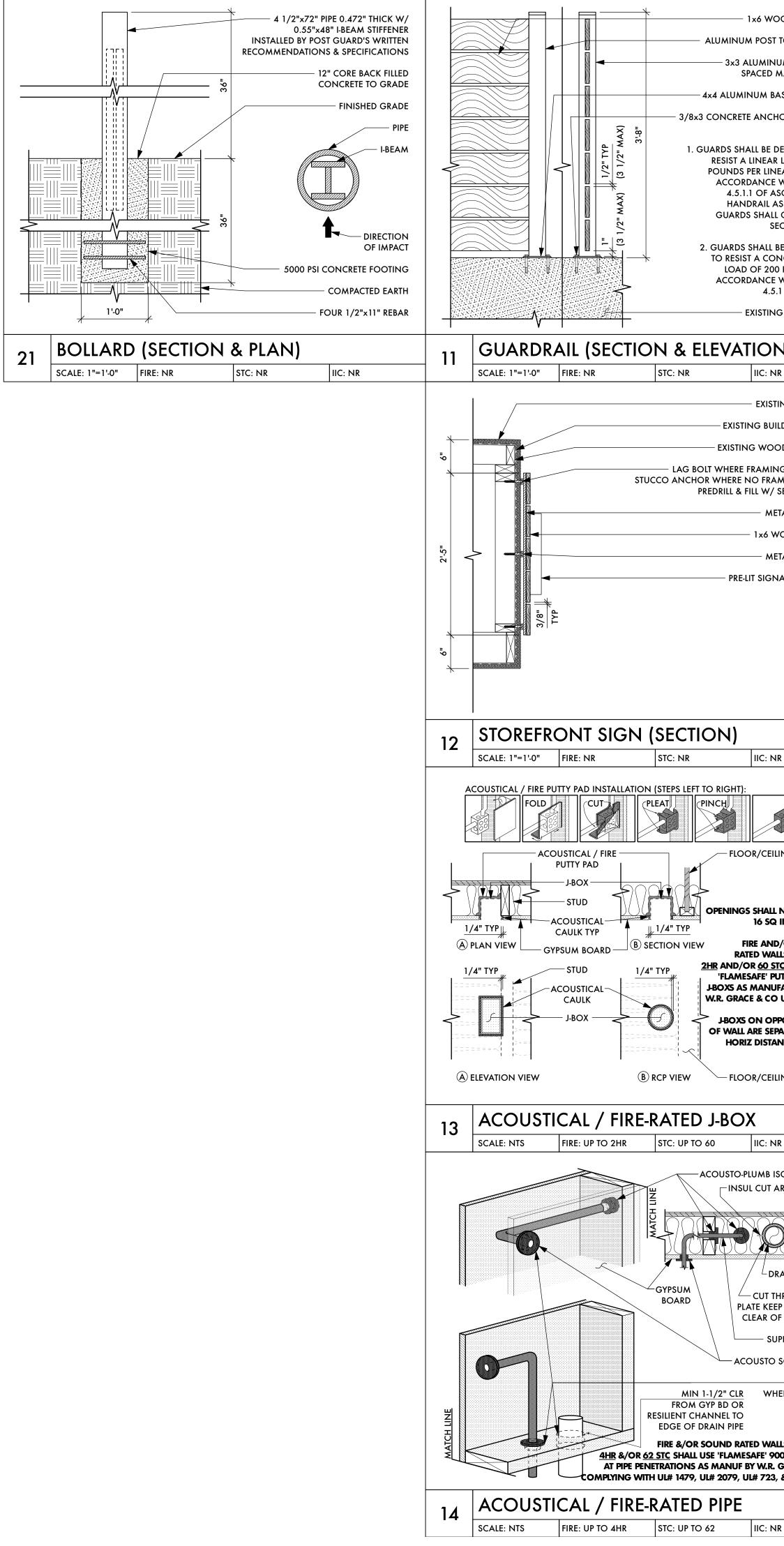
11 · ITH@GMAIL.COM

> > ZO LEM NON COMMI В C

24-SS-01

10.07.2024

GROVI



6 WOOD RAIL TYP POST TOP CAP TYP	DETAIL NOTES	SET	H SM	TH
JMINUM POST TYP CED MAX 6'-0" OC				
JM BASEPLATE TYP		DE	ESIGNE	R
ANCHOR BOLT TYP				
<b>NOTES:</b> L BE DESIGNED TO NEAR LOAD OF 50				
R LINEAR FOOT IN ANCE W/ SECTION				
OF ASCE 7. GLASS AIL ASSEMBLIES &			OLDEN AVE., A	
SHALL COMPLY W/ SECTION 2407.		LEMON	I GROVE, CA 91	945
HALL BE DESIGNED A CONCENTRATED		SETH.ANDR	EMAIL: EW.SMITH@GM	AIL.COM
F 200 POUNDS IN ANCE W/ SECTION			PHONE:	
4.5.1 OF ASCE 7.			619-365-0472	
ISTING CONCRETE				
ON)				
IC: NR				
EXISTING STUCCO				
G BUILDING PAPER				
WOOD FRAMING				
AMING EXISTS OR D FRAMING EXISTS				
L W/ SEALANT TYP		GRO		
- METAL SUPPORT				
Ix6 WOOD PLANK		7		
— METAL BRACKET SIGNAGE LETTERS		LEMON		
SIGNAGE LETTERS		VV		GROVE
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IC: NR		BΥ	<b>∀</b> O N	Ő
			BROADWAY ROVE, CA 9	COMMUNION
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		O	963 N G	2 X X
CEILING JOIST		Ο	$ \sim 0 $	Õ
NOTES:		I	EM	
HALL NOT EXCEED		R		GRACE
6 SQ IN OF AREA.		Q		<b>SA</b>
E AND/OR SOUND D WALLS OF UP TO		<b>H</b> B		G
<u>60 STC</u> Shall Use Fe' Putty Pads at		Н Ц		
ANUFACTURED BY & CO UL# R11636.		<u>0</u>		
N OPPOSITE SIDES RE SEPARATED BY A		Щ		
DISTANCE OF 24".		Ζ		
CEILING JOIST		ш		
		E		
		Ē		
IC: NR				
IMB ISOLATOR TYP		_		
CUT AROUND PIPE 쏰ㅣ			DETAILS	
/2" CLR		JOB NUMBEI	ર	24-SS-01
		DATE PUBLISH		0.07.2024
DRAIN PIPE TYP		DRAWN BY:	: DESCRIPTION:	SS
CUT THROUGH SILL				
E KEEP DRAIN PIPE AR OF STRUCTURE				
— SUPPLY PIPE TYP				
JSTO SCUTCHEON				
FIRESTOP				
NOTE: D WALLS OF UP TO				
FE' 900+ FIRESTOP W.R. GRACE & CO				
723, & ASTM E90				
			<b>\D02</b>	
		l <b>"</b>		