ABBREVIATIONS

#	POUND OR NUMBER
L	ANGLE
℄	CENTERLINE
ø	DIAMETER
@	AT
E	EXISTING
&	AND
⊥	PERPENDICULAR
ACOUS.	ACOUSTICAL
A.D.A.	AMERICANS WITH DISABILITIES ACT
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
AL.	ALUMINUM
AMP	AMPERE
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ARCHT.	ARCHITECT
BD.	BOARD
BLDG.	BUILDING
BLKG.	BLOCKING
B.O.	BOTTOM OF
BOT.	BOTTOM
CAB.	CABINET
C.B.C.	CALIFORNIA BUILDING CODE
CER.	CERAMIC
CL.OPG.	CLEAR OPENING
CLNG.	CEILING
CLKG.	CAULKING
CLO.	CLOSET
CLR.	CLEAR
CNTR.	CENTER
COL.	COLUMN
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CORR.	CORRIDOR
CTR.	CENTER
DBL.	DOUBLE
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
D.O.	DOOR OPENING
DR.	DOOR
DWG.	DRAWING
DWR.	DRAWER
EA.	EACH
EL.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATION
ELCL.	ENCLOSURE
EQ.	EQUAL
EQPT.	EQUIPMENT
EXIST.	EXISTING
EXT.	EXTERIOR
F.F.E.	FINISH FLOOR ELEVATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.H.	FIRE HOSE
F.H.C.	FIRE HOSE CABINET
FIN.	FINISH
FL.	FLOOR
FLG.	FLOORING
FLUOR.	FLUORESCENT
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUDS
FPRF.	FIREPROOF
F.R.T.	FIRE RETARDANT TREATED
F.S.	FULL SIZE
FT.	FOOT OR FEET
FURR.	FURRING
FUT.	FUTURE
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.D.	GARBAGE DISPOSAL
GL.	GLASS OR GLAZING
GYP.	GYPSUM
GYP.BD.	GYPSUM BOARD
H.C.	HOLLOW CORE
HD.	HEAD
HDWD.	HARDWOOD
HDWE.	HARDWARE
HGT.	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR.	HOUR
H.S.	HALF SIZE
HVAC	HEATING, VENTILATION & AIR CONDITIONING
I.D.	INSIDE DIAMETER OR INSIDE DIM.
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
I.T.	INFORMATION/TECHNOLOGY
JAN.	JANITOR
JT.	JOINT
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
M.C.	MINERAL CORE
MATL.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MET.	METAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MIR	MIRROR
MISC.	MISCELLANEOUS
MTD.	MOUNTED
MUL.	MULLION
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OVER ALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER/OUTSIDE DIM.
OFF.	OFFICE
OPNG.	OPENING
OPP.	OPPOSITE
PL.	PLATE
P. LAM.	PLASTIC LAMINATE
PLAS.	PLASTIC
PLYWD.	PLYWOOD
P.O.	PRIVATE OFFICE
PR.	PAIR
PT.	PAINT
P.T.M.	PAINT TO MATCH
PTD.	PAINTED
PRTN.	PARTITION
Q.T.	QUARRY TILE
RAD.	RADIUS
REF.	REFERENCE
REFL.	REFLECTED
REFR.	REFRIGERATOR
REQ.	REQUIRED
RESIL.	RESILIENT
RM.	ROOM
R.O.	ROUGH OPENING
S.C.	SOLID CORE
SCHED.	SCHEDULE
SECT.	SECTION
SH.	SHELF
SHT.	SHEET
SIM.	SIMILAR
S.M.	SURFACE MOUNTED
SPEC.	SPECIFICATION
SQ.	SQUARE
SST.	STAINLESS STEEL
STA.	STATION
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
SUSP.	SUSPENDED
T & G	TONGUE & GROOVE
T.B.D.	TO BE DETERMINED
TEL.	TELEPHONE
TER.	TERRAZZO
THK.	THICK
T.O.	TOP OF
T.O.P.	TOP OF PARAPET
T.O.L.	TOP OF LID
T.V.	TELEVISION
TYP.	TYPICAL
CBC	UNIFORM BUILDING CODE
UNF.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
V.	VOLT
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
V.T.	VINYL TILE
W/	WITH
WD.	WOOD
W.H.	WATER HEATER
W/O	WITHOUT
WP.	WATERPROOF
WSCT.	WAINSCOT
WS.	WORKSTATION
WT.	WEIGHT

APPLICABLE CODES

BUILDING STANDARDS OF THE STATE OF CALIFORNIA (CALIFORNIA CODE OF REGULATIONS, TITLE 24):

2016	California Administrative Code (CAC) Part 1, Title 24, California Code of Regulations (CCR)
2016	California Building Code (CBC) Part 2, Title 24, CCR
2016	California Electrical Code (CEC) Part 3, Title 24, CCR Based on the 2011 National Electrical Code (NEC)
2016	California Mechanical Code Part 4, Title 24, CCR Based on the 2012 Uniform Mechanical Code (UMC)
2016	California Plumbing Code Part 5, Title 24, CCR Based on the 2012 Uniform Plumbing Code (UPC)
2016	California Fire Code Part 9, Title 24, CCR Based on the 2012 International Fire Code (IFC)
2016	California Energy Code
2016	California Referenced Standards
2016	California Green Building Standard Code
2016	Title 8 C.C.R., Ch. 4 Sub-Ch 6-Elevator Safety Orders
2016	Title 19 C.C.R., Public Safety, SFM Regulations

FEDERAL STANDARDS AND REGULATIONS

Americans with Disabilities Act (ADA) Title II

2010 ADA Standards for Accessible Design

PROJECT INFORMATION

BUILDING ADDRESS 10920 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA
90024

EXISTING SUITE 620:	5,685 USF
AREA OF WORK:	5,685 USF
NUMBER OF STORIES:	18
OCCUPANCY GROUP:	B
CONSTRUCTION TYPE:	1-A
SPRINKLER BUILDING:	YES
EXISTING USE:	OFFICE
NEW USE:	OFFICE

CODE ANALYSIS

USE AND OCCUPANCY CLASSIFICATION - CHAPTER 3:

- EXISTING: (B) OFFICE
- PROPOSED: (B) OFFICE
- CHANGE OF USE: NO

INTERIOR FINISHES - CHAPTER 8:

FLAME SPREAD RATING REQUIREMENTS BY OCCUPANCY (TABLE 803.9)

SPRINKLERED/NON SPRINKLERED BUILDING

GROUP	EXIT ENCL	CORRIDORS	ROOMS
B OCC.	B	C	C
A-3 OCC.	B	B	C

FIRE PROTECTION SYSTEMS - CHAPTER 9:

- BUILDING IS EQUIPPED WITH AN AUTO FIRE SPRINKLER SYSTEM
- BUILDING IS EQUIPPED WITH A FIRE ALARM SYSTEM

MEANS OF EGRESS - CHAPTER 10:

- MAX. FLOOR AREA PER OCCUPANT (OCC.) (TABLE 1004.1.2)
- B: 100 S.F./OCC.
  B ACCESSORY 15 S.F./OCC.

- EGRESS WIDTH PER OCC.
  STAIR WIDTH: 0.2"/OCC. SECTION 1005.3.1 W/ SPRINKLERS & VOICE ALARM
  OTHER COMPONENTS: 0.15"/OCC. SECTION 1005.3.2 W/ SPRINKLERS & VOICE ALARM

- EXIT ACCESS TRAVEL DISTANCE (TABLE 1016.2) (WITH SPRINKLERS)
  A, M, S OCC.: 250'-0"
  B OCC.: 300'-0"

PROJECT TEAM

ARCHITECT / INTERIOR DESIGNER:

MAIO/GRODSKY, INC. ARCHITECTURE - INTERIORS
15206 VENTURA BLVD. SUITE 201
SHERMAN OAKS, CA 91423
CONTACT: JEFF GRODSKY
TEL: 310 804 5027
EMAIL: JEFF@MAIO-GRODSKY.COM

CLIENT / OWNER:

UCLA WILSHIRE CENTER ASSET MANAGEMENT
10920 WILSHIRE BLVD. SUITE 815
LOS ANGELES, CA 90024
CONTACT: LOANA O'REILLY
TEL: 310 794 0661
EMAIL: LOREILLY-ROSENBLATT@RE.UCLA.EDU

GENERAL CONTRACTOR:

-
CONTACT: -
TEL: -
EMAIL: -

LANDLORD MANAGEMENT

UCLA WILSHIRE CENTER ASSET MANAGEMENT
10920 WILSHIRE BLVD. SUITE 815
LOS ANGELES, CA 90024
CONTACT: DAVID GHATAN, ASSISTANT PROPERTY MANAGER
TEL: 310 825 4286
FAX: 310 794 2517
EMAIL: DGHATAN@RE.UCLA.EDU

PROJECT MANAGER:

UCLA RE ASSET MANAGEMENT
UCLA WILSHIRE CENTER
10920 WILSHIRE BLVD. SUITE 815
LOS ANGELES, CA 90024
CONTACT: CHRISTOPHER LEWIS
TEL: 310 206 5012
MOBILE: 310 930 9031
EMAIL: CLEWIS@RE.UCLA.EDU

MECHANICAL & PLUMBING ENGINEER:

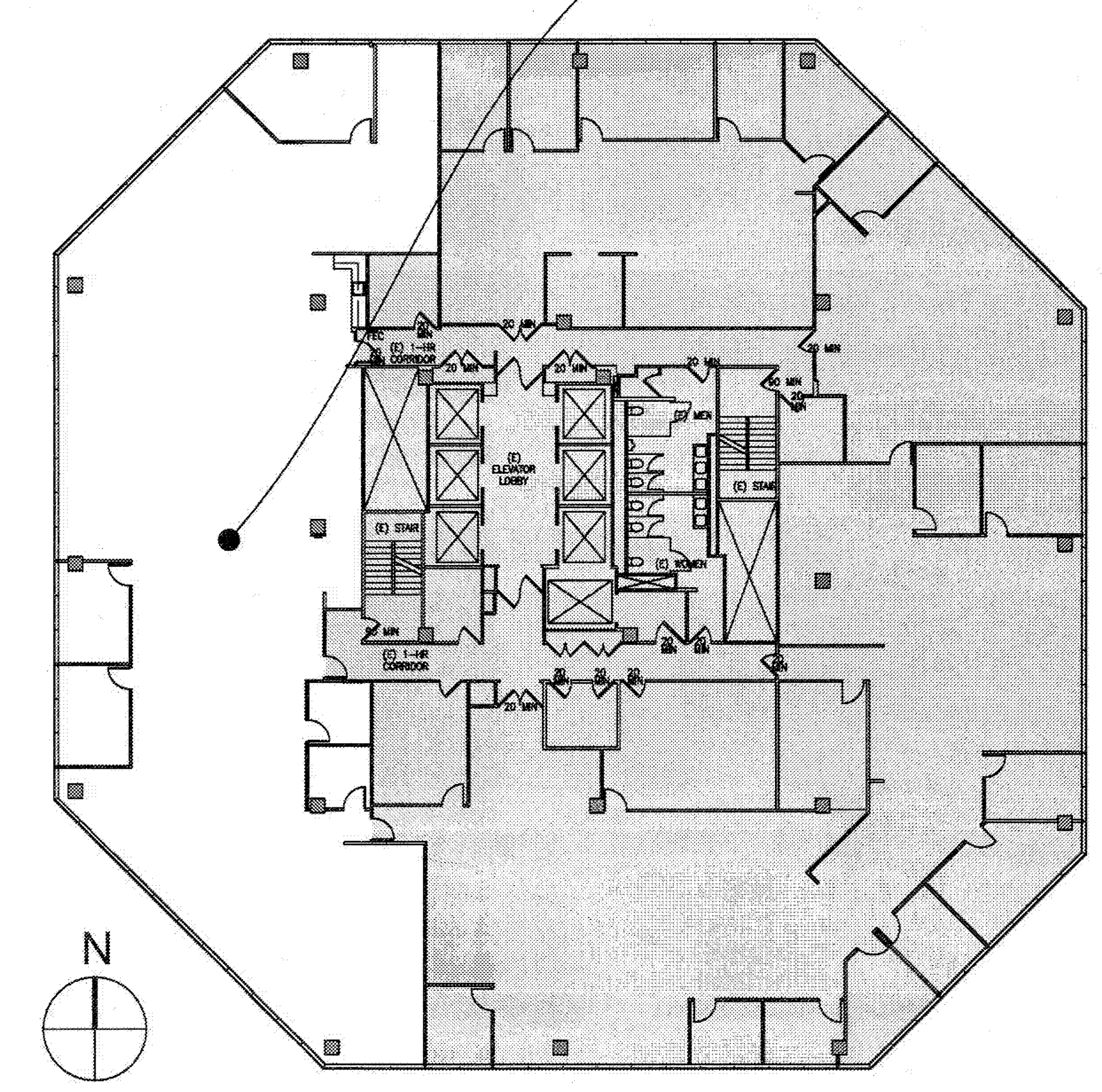
KEVIN A. SMOLA AND ASSOCIATES
235 W. CHESTNUT AVE.
MONROVIA, CA 91016
CONTACT: KEVIN A. SMOLA
TEL: 626 585 9338
EMAIL: KEVIN@KASAI.COM

ELECTRICAL ENGINEER:

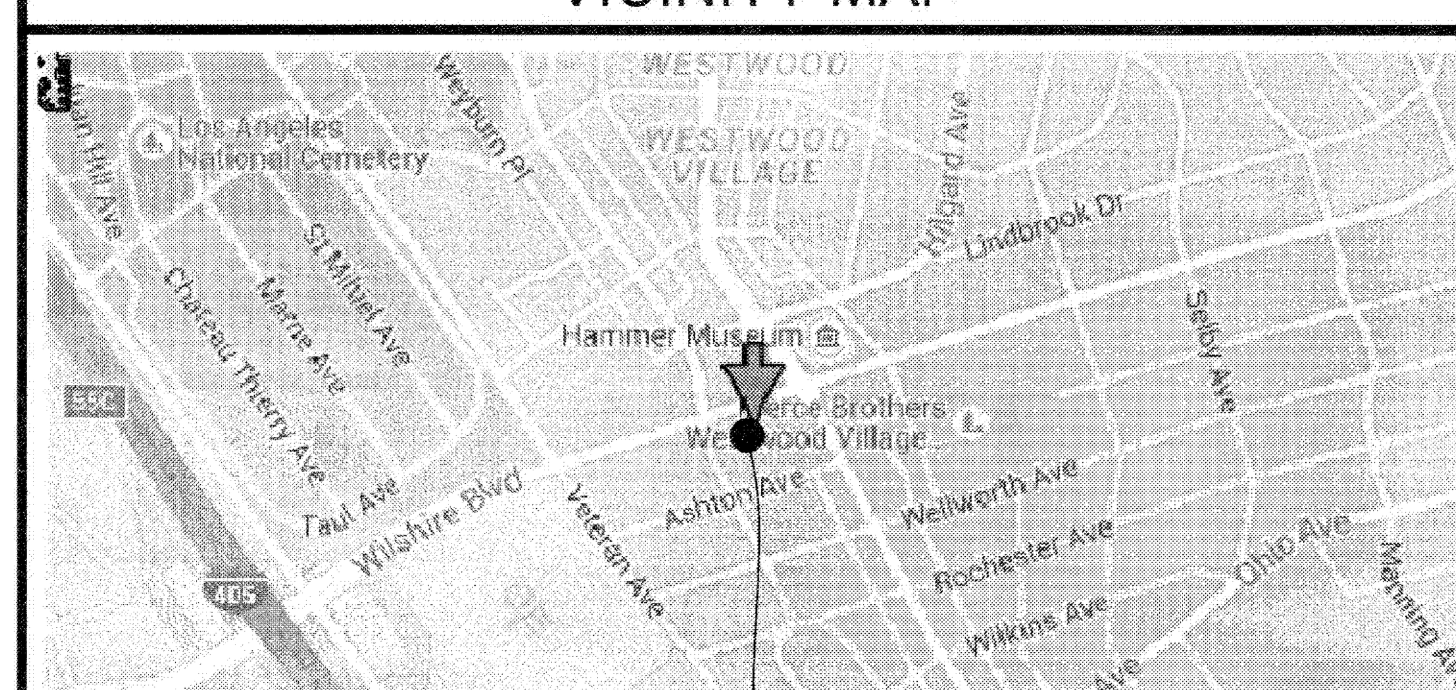
KSG CONSULTING ENGINEERS, INC.
111 N. JACKSON STREET, SUITE 121
GLENDALE, CA 91206
CONTACT: FARSHAD MEMARZIA
TEL: 818 240 5630
EMAIL: FMEMARZIA@KSGENG.COM

KEY PLAN

AREA OF WORK
(E) SUITE 620



VICINITY MAP



N
MAP NTS

UCLA WILSHIRE CENTER
10920 WILSHIRE BOULEVARD
LOS ANGELES, CALIFORNIA 90024

SHEET INDEX

APPROVED
FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

SPRINKLERS DEFERRED APPROVAL (UNDER SEPARATE PERMIT)

DESIGN BUILD BY GENERAL CONTRACTOR -
SEE DESIGN BUILD NOTES BELOW FOR MORE INFORMATION.

OFFICE OF STATE FIRE MARSHAL
APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: JOEL ALLIN 402

FIRE/LIFE/SAFETY DEFERRED APPROVAL (UNDER SEPARATE PERMIT)

DESIGN BUILD BY GENERAL CONTRACTOR -
SEE DESIGN BUILD NOTES ON SHEETS FOR MORE INFORMATION.

DESIGN BUILD NOTES:

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DRAWINGS, CALCS, GOVERNMENTAL AGENCY APPROVALS AND FEES TO COMPLETE THIS WORK FOR ALL DESIGN BUILD TRADES OR AS A RESULT OF CHANGES IN THE WORK NOT PART OF THE CONSTRUCTION DOCUMENTATION.

2. ARCHITECTURAL DRAWINGS SUPERSEDE ALL ENGINEERING DRAWINGS FOR QUANTITY & LOCATION OF ALL MATERIALS AND FIXTURES.

3. SEE UCLA FIRE MARSHALL REQUIREMENT NOTES ON SHEET A-0.2.

PROJECT SUMMARY

SCOPE OF WORK:

INTERIOR TENANT IMPROVEMENT: REMODEL - NEW NON-BEARING INTERIOR PARTITIONS, NEW DOORS, NEW LIGHTING, POWER AND FINISHES.

DEMOLITION OF RECEPTION ROOM, CABINETS AND INTERIOR DOORS. ADDITION OF TWO NEW HUDDLE ROOMS, NEW INTERIOR DOORS, COVERSION OF (3) EXISTING ROOMS TO CONFERENCE ROOMS, ADDITION OF GALLEY WITH SINK CABINET, NEW LIGHTING, CEILING, AND FINISHES.

MAIO/GRODSKY
ARCHITECTURE - PLANNING - INTERIORS
15206 VENTURA BLVD. SUITE 201, SHERMAN OAKS, CA 90403
T | 310 804-5093 T | 310 804-5027

STAMP

LICENSED ARCHITECT
MIGUEL J. MAIO
C27923
RENEWAL 02-28-21
STATE OF CALIFORNIA

REVISIONS

△	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

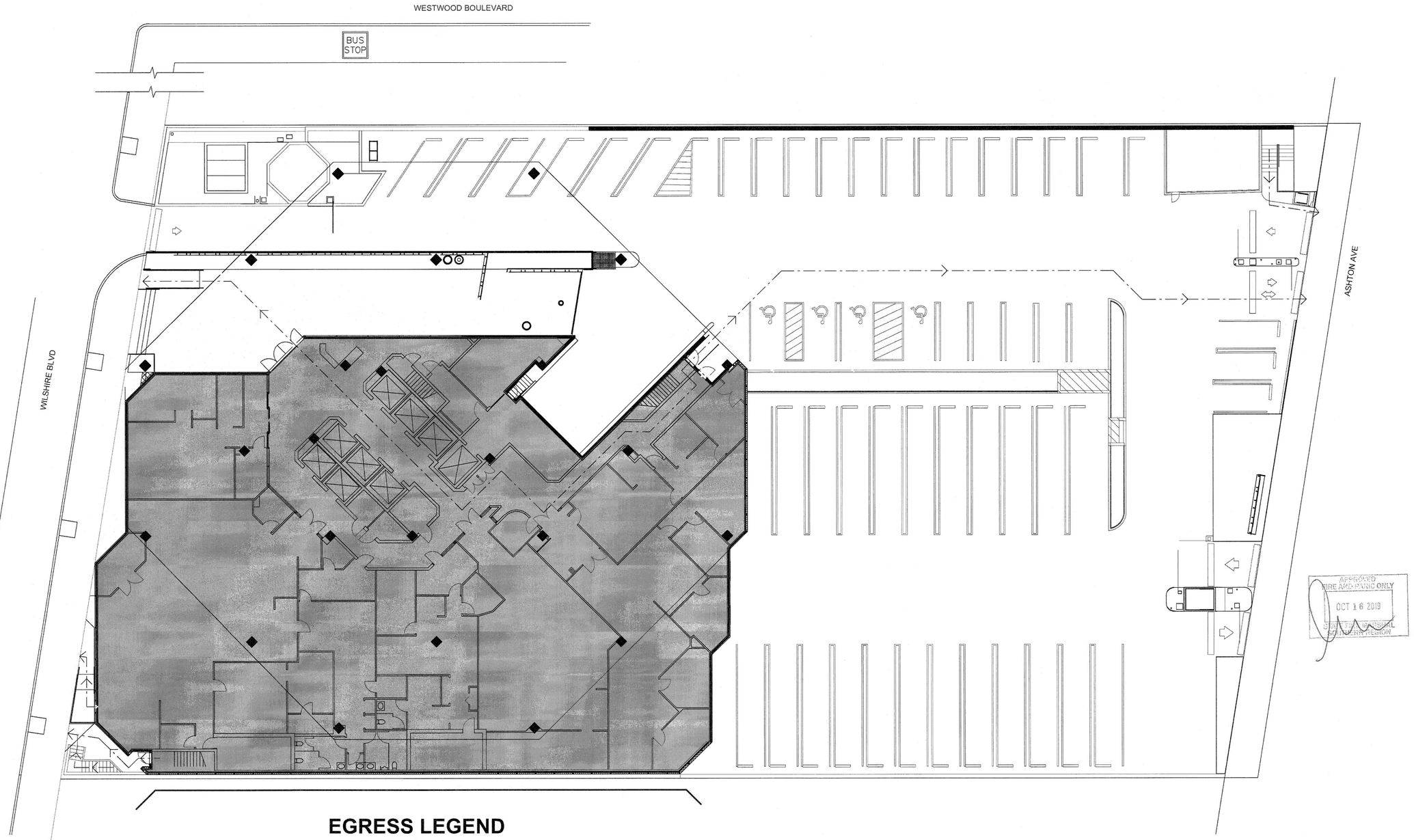
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

COVER SHEET

A-0.0



EGRESS LEGEND

EGRESS PATH

EXISTING SITE PLAN AND EGRESS PLAN

N | SCALE N.T.S. | 1

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STAMP

LICENSED ARCHITECT
JOSEPH L. JAMES MAIO
C27023
RENEWAL
02-28-21
STATE OF CALIFORNIA

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UCLA

UCLA WILSHIRE CENTER

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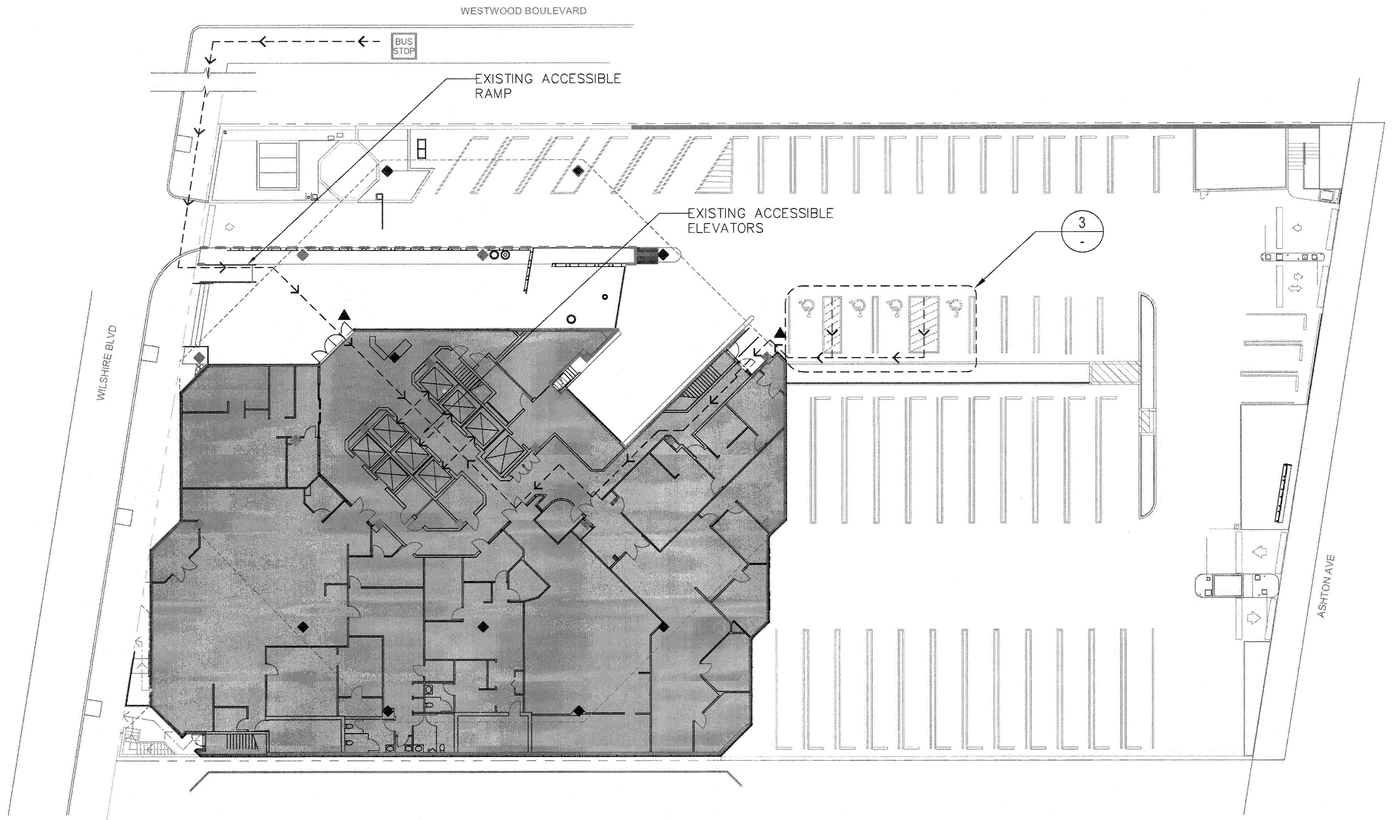
(E) SITE PLAN AND EGRESS PLAN

A-0.1



ACCESSIBILITY LEGEND

ACCESSIBLE PATH OF TRAVEL

ACCESSIBILITY STALL

BUS STOP

▲ ALL ENTRANCES AND EXITS IDENTIFIED WITH A TRIANGULAR SOLID SYMBOL ON THIS PLAN ARE ACCESSIBLE AND COMPLY WITH THE 2016 CBC, 11B–206.4.1, INCLUDING:

- 32" CLEAR OPENING WITH STRIKE EDGE CLEARANCES ON THE PULL AND PUSH SIDES
- LEVEL LANDING
- ACCESSIBLE THRESHOLD, HARDWARE, CLOSER, KICK PLATE ON EXTERIOR SIDE OF ENTRANCE
- TACTILE EXIT SIGNAGE ON INTERIOR SIDE OF EXIT DOOR, AS APPLICABLE.

ACCESS NOTE

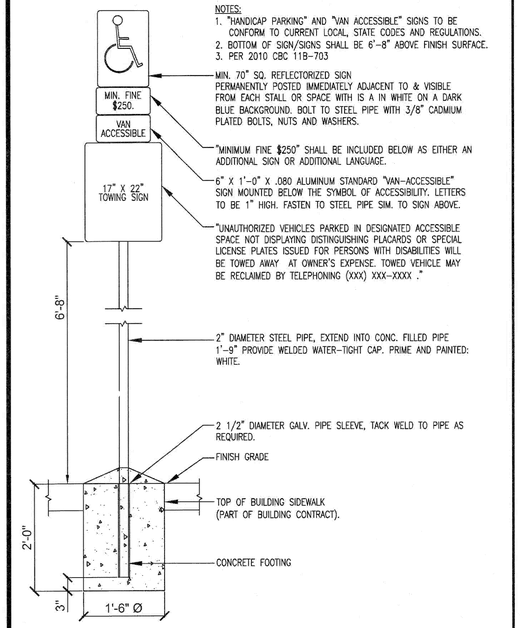
NOTE : EXISTING ACCESSIBILITY PARKING STALL MEET CURRENT CODE REQUIREMENTS FOR STRIPPING AND SIGNAGE.

ACCESSIBILITY PATH OF TRAVEL AS INDICATED ON THE PLAN IS A BARRIER –FREE ACESS
ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 48" IN WIDTH SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

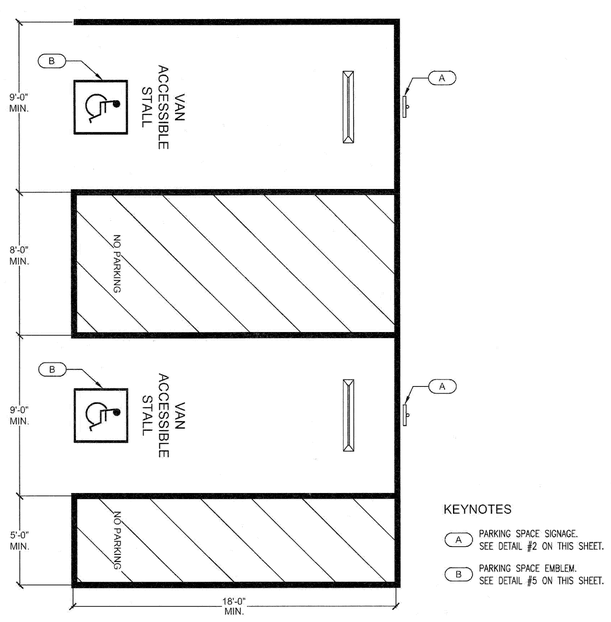
N

JOHNSON FAIN
ACCESSIBLE PATH OF TRAVEL DRAWINGS
PERMIT DATE 10–17–12
UCLA PROJECT

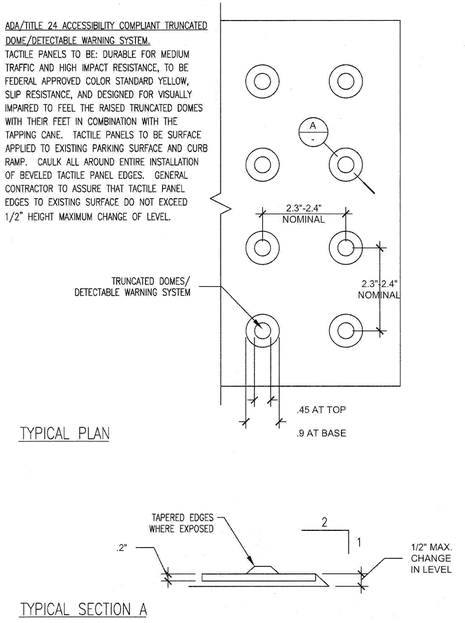
ACCESSIBLE PATH OF TRAVEL PLAN — Scale N.T.S. — 1



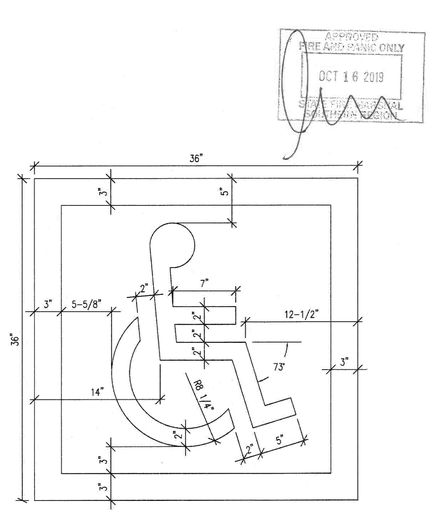
TYPICAL ACCESSIBLE SIGNAGE — Scale 3/4" = 1'–0" — 2



TYPICAL ACCESSIBLE STALLS — Scale 1/4" = 1'–0" — 3



TYPICAL TRUNCATED DOMES DETAIL — Scale 6" = 1'–0" — 4



PARKING SPACE EMBLEM — Scale 3/4" = 1'–0" — 5

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STAMP

LICENSED ARCHITECT MAIO, J. MARC C27323 RENEWAL 02-28-21 STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
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UCLA

UCLA WILSHIRE CENTER

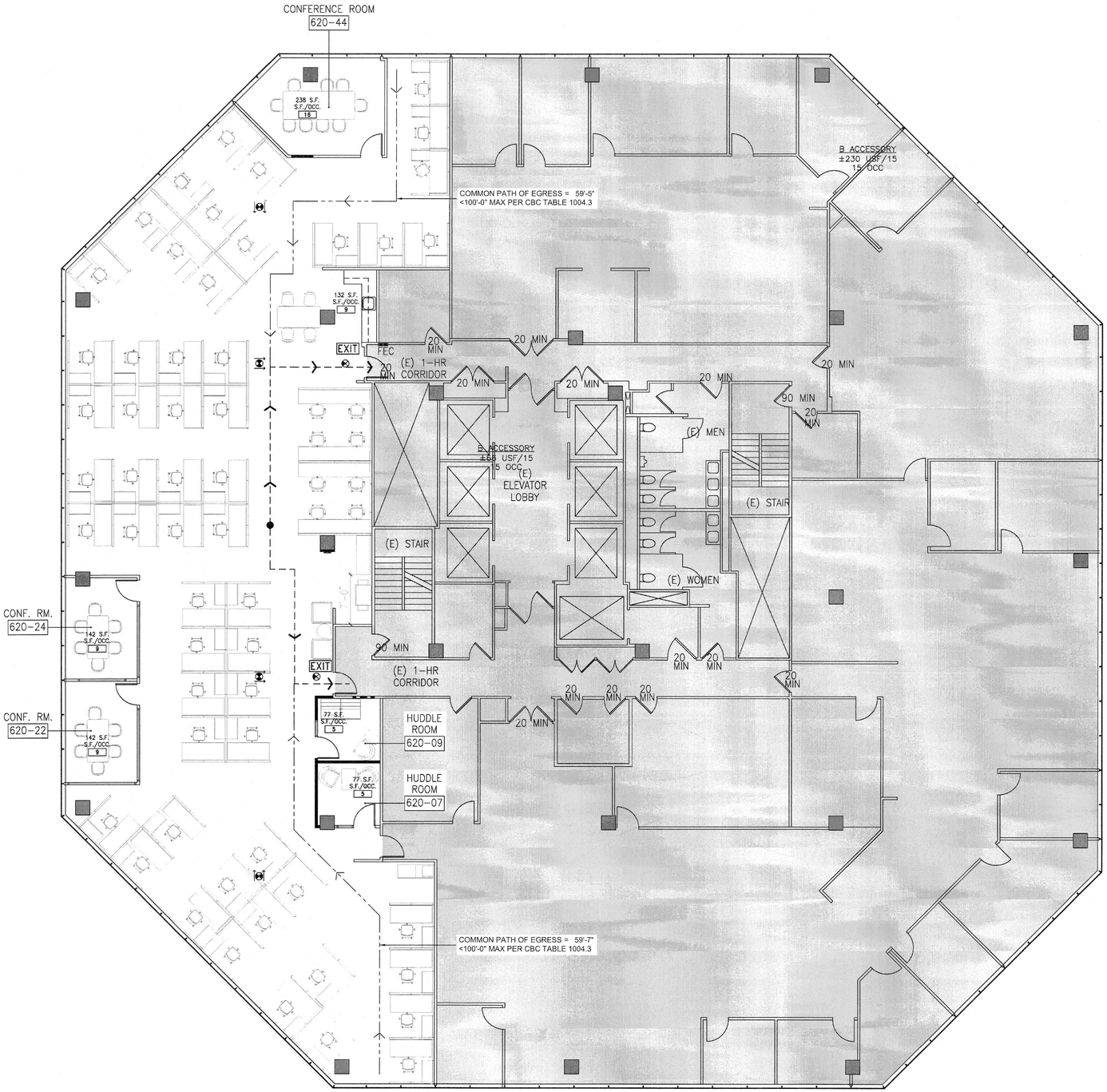
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

(E) ACCESSIBLE PATH OF TRAVEL PLAN AND DETAILS

A-0.1.1



EXITING PLAN AND OCCUPANCY PLAN

N SCALE: 1/8" = 1'-0" 1

EXITING PLAN LEGEND

- EXIT — REQUIRED MEANS OF EGRESS
- 0'-0" — COMMON PATH OF EGRESS TRAVEL
- EXIT SIGN
- FE — FIRE EXTINGUISHER
- 0 S.F. / S.F./OCC. / 0 — ROOM AREA; OCCUPANT LOAD FACTOR; TOTAL OCCUPANTS
- REMODEL AREA LIMIT SCOPE — INDICATES LOCATION OF REMODEL AREAS
- INDICATES AREAS NOT IN CONTRACT

EXITING PLAN GENERAL NOTES

1 MEANS OF EGRESS FROM ALL OCCUPIED PARTS OF THE BUILDING TO BE PROVIDED WITH AT LEAST 1 FOOT CANDLE OF LIGHT AT FLOOR LEVEL. SEE DESIGN BUILDING ELECTRICAL ENGINEERING DRAWINGS FOR MORE INFORMATION.

2 SEE THIS SHEET FOR FIRE DEPARTMENT GENERAL NOTES.

OCCUPANCY CALCULATIONS SUITE 620

OCCUPANCY TYPE	OCCUPANCY USE	SQUARE FEET	OCC. LOAD FACTOR	OCCUPANCY
B	OFFICE	±4,877	100	49
B ACCESSORY	OPEN OFFICE 620	±132	15	9
B ACCESSORY	CONFERENCE ROOM 620-44	±238	15	16
B ACCESSORY	CONFERENCE ROOM 620-24	±142	15	9
B ACCESSORY	CONFERENCE ROOM 620-22	±142	15	9
B ACCESSORY	CONFERENCE ROOM 620-07	±77	15	5
B ACCESSORY	CONFERENCE ROOM 620-07	±77	15	5
	TOTAL	5,685 USF		102

TOTAL OCCUPANCY SUITE 710:	19 OCCUPANTS	REF:	CBC TABLE 1004.1.2
TOTAL EXITS REQUIRED:	1		CBC TABLE 1021.1
TOTAL EXITS PROVIDED:	2		

OCCUPANCY GENERAL NOTES

1. OCCUPANT LOAD FACTORS PER CBC TABLE 1004.1.2
2. COMMON PATH OF EGRESS TRAVEL PER CBC TABLE 1014.3
3. EXIT DOOR SEPARATION PER CBC 1015.2.1 EXCEPTION 2
4. EXIT TRAVEL DISTANCE PER CBC TABLE 1016.2
5. DEAD END CORRIDOR LENGTH PER CBC 1018.4 EXCEPTION 2
6. REQUIRED NUMBER OF EXITS PER CBC TABLE 1021.1
7. 'B' ACCESSORY OCCUPANCIES PER CBC 508.2

APPROVED
FIRE AND LIFE SAFETY ONLY
OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

UCLA FIRE MARSHALL REQUIREMENTS

1 ALL REFERENCES TO FIRE ALARMS ON THESE DRAWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.

2 FIRE ALARM SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND FORWARD THEM TO THE UCLA FIRE MARSHAL WITH A NOTATION INDICATING THE SHOP DRAWINGS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BEGIN UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE UCLA FIRE MARSHAL. FOR THE PURPOSES THIS APPROVAL, INSTALLATION OF THE FIRE ALARM SYSTEM SHALL INCLUDE CONDUIT, JUNCTION BOXES, WIRING, AND ANY OTHER COMPONENT INSTALLATION.

3 ALL REFERENCES TO FIRE SPRINKLER SYSTEMS ON THESE DRAWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.

4 FIRE SPRINKLER SYSTEM SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND FORWARD THEM TO THE UCLA FIRE MARSHAL WITH A NOTATION INDICATING THE SHOP DRAWINGS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL NOT COMMENCE UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE UCLA FIRE MARSHAL. DRAWINGS SHALL BE STAMPED BY A C-16, C-34 OR C-36 SPECIALTY CONTRACTOR, A CLASS "A" GENERAL CONTRACTOR, OR A FIRE PROTECTION ENGINEER, CIVIL ENGINEER OR MECHANICAL ENGINEER.

5 ALL FIRE LIFE SAFETY WORK TO BE PERFORMED BY SIMPLEX GRINNELL
(714)870-1010 JAMES LOOPER

FIRE PROTECTION

DOORS OPENING INTO ONE-HOUR FIRE RESISTIVE CORRIDOR SHALL BE PROTECTED WITH A SMOKE OR DRAFT-STOP FIRE ASSEMBLY HAVING A MINIMUM 20-MINUTE RATING (TITLE 24, C.C.R.). INTERIOR FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 (CBC 803). INTERIOR WALL AND CEILING FINISHES SHALL NOT EXCEED A FLAME-SPREAD SPECIFIED BY OCCUPANCY GROUP IN TABLE 803.5

a. INTERIOR WALL AND CEILING FINISHES SHALL NOT EXCEED A FLAME- SPREAD CLASSIFICATION OF CLASS C (76-200) IN BUILDING W/SPRINKLER AND W/O SPRINKLER.

b. INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDORS SHALL NOT EXCEED A FLAME-SPREAD CLASSIFICATION OF CLASS C (76-200) W/SPRINKLER, CLASS B (26-75) W/O SPRINKLER.

c. INTERIOR WALL AND CEILING FINISHES FOR ENCLOSED STAIRWAYS SHALL NOT EXCEED A FLAME-SPREAD CLASSIFICATION CLASS B (26-75) W/SPRINKLER, CLASS A (0-25) W/O SPRINKLER.

d. ANY DECORATIONS USED SHALL BE NONCOMBUSTIBLE CURTAINS, DRAPES, SHADES, FABRIC PARTITIONS SUSPENDED FROM THE CEILING AND NOT SUPPORTED BY THE FLOOR SHALL MEET FLAME PROPAGATION PERFORMANCE CRITERIA (IN ACCORDANCE WITH SECTION 806.2AND NFPA701).

MAIO/GRODSKY
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T | 310 804-5027
T | 310 804-5093

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LICENSED ARCHITECT
MIGUEL J. MAIO
C27923
RENEWAL
02-28-21
STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

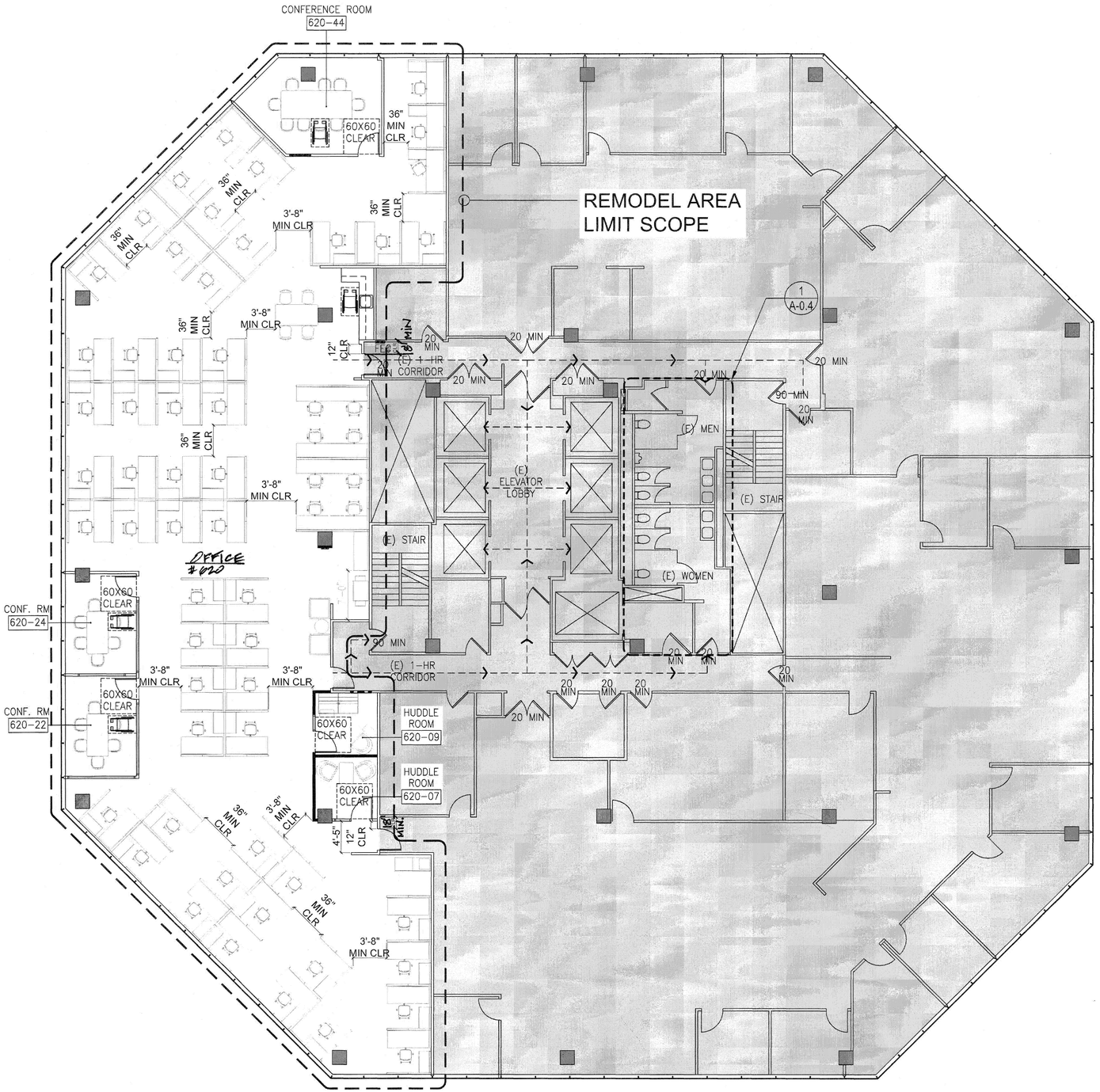
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

EXITING PLAN AND OCCUPANCY PLAN

A-0.2



ACCESSIBLE PATH OF TRAVEL PLAN LEGEND

- ADA PATH OF TRAVEL
- 30" X 48" CLEAR SPACE FOR WHEELCHAIR ACCESS.
- EXISTING DOOR ASSEMBLY TO REMAIN
  INDICATES FIRE RATING OF DOOR & FRAME.
  EL = EXISTING LOCK
- NEW DOOR ASSEMBLY
  SEE SHEET A-2.0 FOR MORE INFORMATION
- INDICATES AREAS NOT IN CONTRACT
- REMODEL AREA LIMIT SCOPE — INDICATES LOCATION OF REMODEL AREAS
- 60"X60" CLEAR — INDICATES 60"X60" CLEAR SPACE

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STATE FIRE MARSHAL
SOUTHERN REGION

ACCESSIBLE PATH OF TRAVEL PLAN

N SCALE: 1/8" = 1'-0" 1

MAIO GRODSKY
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LICENSED ARCHITECT MICHAEL J. MAIO C27923 REGISTERED PROFESSIONAL 02-28-21 STATE OF CALIFORNIA

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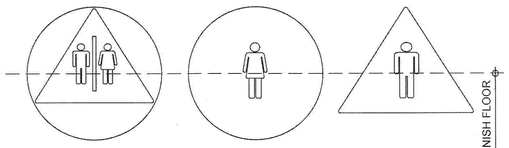
SUITE ACCESSIBLE PATH OF TRAVEL PLAN

A-0.3

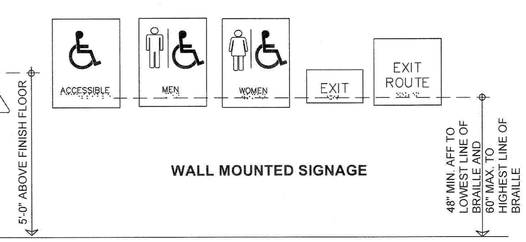
1 CENTER OF SIGNS SHALL BE MOUNTED AT 5'-0" ABOVE FINISH FLOOR AT THE CENTERLINE OF THE DOOR

2 ALL SIGNS SHALL BE CONSTRUCTED OF 1/4" THICK SOLID PLASTIC (AS REQUIRED BY CODE) UNISEX SIGN SHALL CONSIST OF A 1/4" THICK PLASTIC TRIANGLE MOUNTED ON A 1/4" THICK PLASTIC CIRCLE (AS REQUIRED BY CODE)

NOTE :
TACTILE CHARACTER ON SIGNS SHALL BE LOCATED 48" MIN. A.F.F MEASURE FROM THE BASELINE OF THE LOWEST BARILLE CELLS AND 69" MAX. AFF MEASURE FROM THE BASE LINE OF HIGHEST LINE OF RAISED CHARACTERS

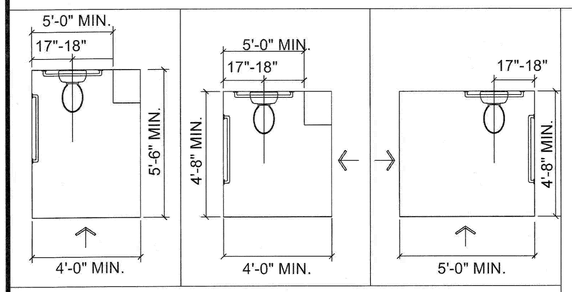


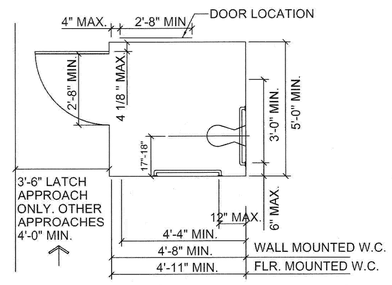
DOOR MOUNTED SIGNAGE



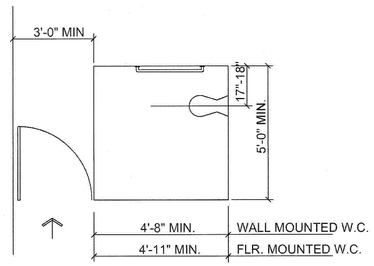
WALL MOUNTED SIGNAGE

SIGNAGE

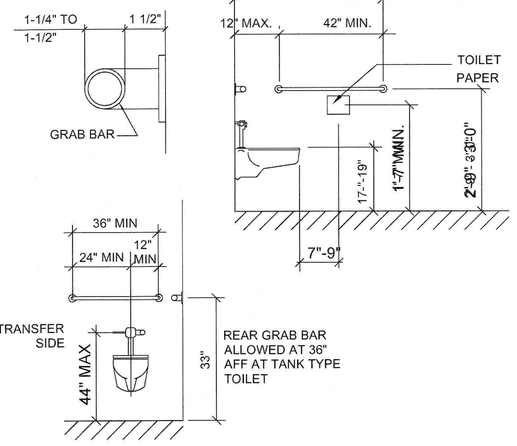




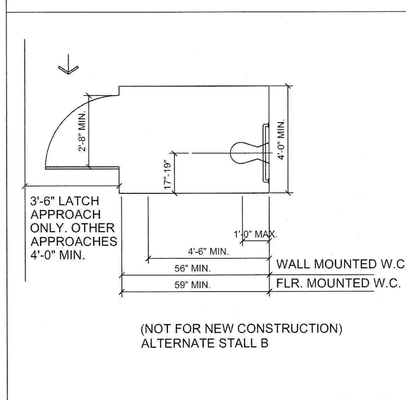
STANDARD STALL



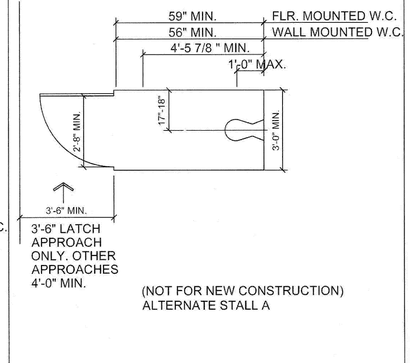
STALL AT END OF ROW



SINGLE-USER TOILET

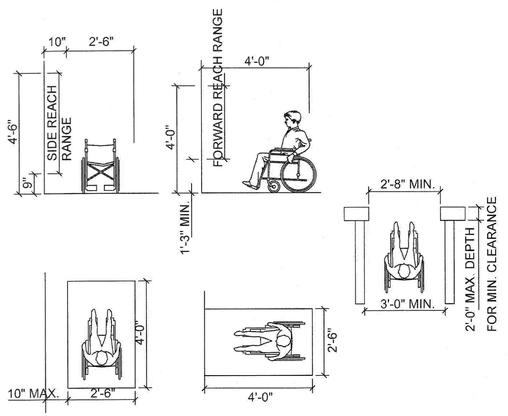


(NOT FOR NEW CONSTRUCTION)
ALTERNATE STALL B

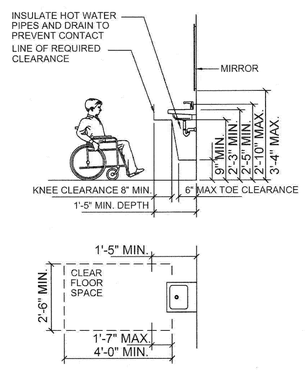


(NOT FOR NEW CONSTRUCTION)
ALTERNATE STALL A

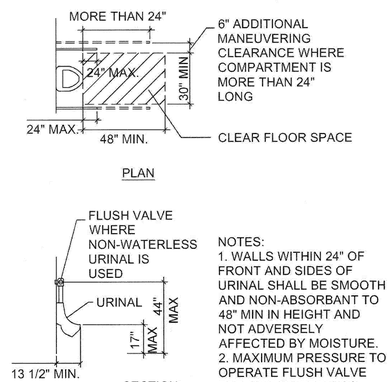
MULTI-USER TOILET



REACH RANGE

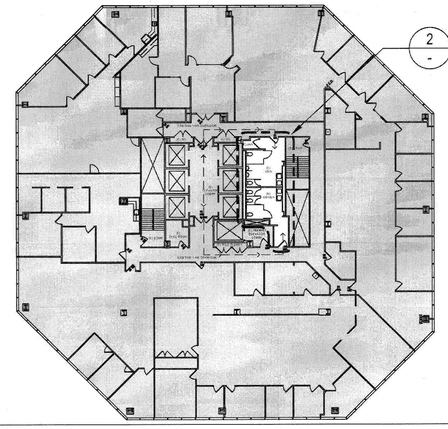


SINK/VANITY

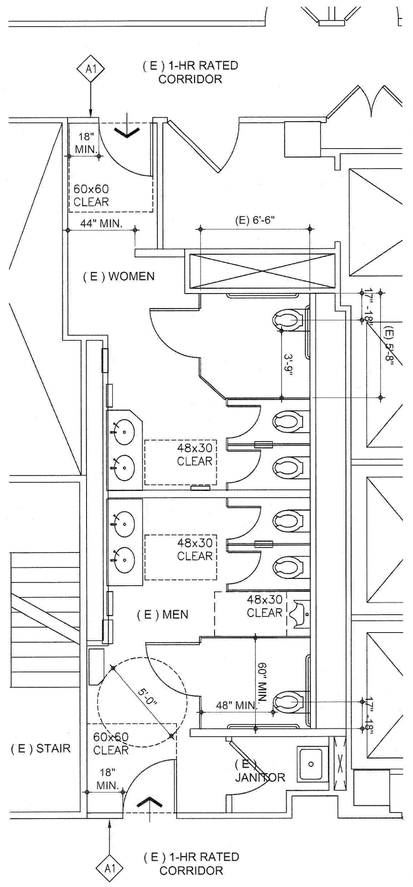


NOTES:
1. WALLS WITHIN 24" OF FRONT AND SIDES OF URINAL SHALL BE SMOOTH AND NON-ABSORBANT TO 48" MIN IN HEIGHT AND NOT ADVERSELY AFFECTED BY MOISTURE.
2. MAXIMUM PRESSURE TO OPERATE FLUSH VALVE FOR NON-WATERLESS URINAL IS 5 POUNDS.

URINAL



7TH FLOOR KEY PLAN FOR REFERENCE



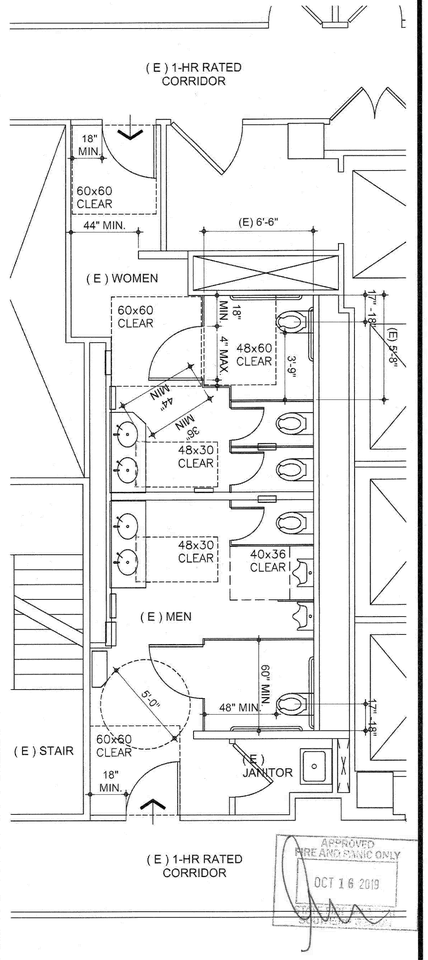
NOTES:

A1 PROVIDE DIRECTIONAL SIGN TO 7TH FLOOR ACCESSIBLE RESTROOMS.

- ACCESSIBLE UPGRADE FOR 6TH FLOOR RESTROOMS:
  DATE: JUNE 30TH /2020
  PROJECT NO.: CP 1140

6TH FLOOR EXISTING PUBLIC RESTROOM

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



ACCESSIBLE UPGRADE DONE UNDER UCLA WC SUITE #720

CP 753 COMPLETED ON 6/10/2019

7TH FLOOR EXISTING PUBLIC RESTROOM

SCALE: 1/4"=1'-0" (2)

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LICENSED ARCHITECT MIGUEL A. MAIO C27923 Updated 09-28-21 STATE OF CALIFORNIA

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UCLA

UCLA WILSHIRE CENTER

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(E) ACCESSIBLE RESTROOM AND DETAILS

A-0.4

CALGreen VERIFICATION GUIDELINES MANDATORY CHECKLIST

STATE OF CALIFORNIA – DEPARTMENT OF GENERAL SERVICES – BUILDING STANDARDS COMMISSION
CALGreen Verification Guidelines – Mandatory Measures Checklist
BSC CG-20C (Rev. 12/17-2016 Intervening Code supplement effective July 1, 2018)

CALGreen VERIFICATION GUIDELINES MANDATORY CHECKLIST

Application: This checklist shall be used for nonresidential projects that meet the following: new construction, or building additions of 1,000 sq. ft. or greater, or building alterations with a permit valuation of $200,000 or more pursuant to *CALGreen* Section 5.301.3 AND do not trigger a Tier 1 or Tier 2 requirement.

Y = Yes (section has been selected and/or included)
N/A = Not Applicable (Code section does not apply to the project, mainly used for additions and alterations)
O = Other (provide explanation)
[N] = New construction pursuant to Section 301.3
[A] = Additions and/or alterations pursuant to Section 301.3

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	Plan sheet, Spec or Attach Reference
DIVISION 5.1 Planning and Design	Mandatory	Storm Water Pollution Prevention for projects that disturb less than 1 acre of land	5.106.1 through 5.106.2		X		
	Mandatory	Short Term Bicycle Parking (with exception)	5.106.4.1.1		X		
	Mandatory	Long Term Bicycle Parking	5.106.4.1.2 Through 5.106.4.1.5		X		
	Mandatory	Designated Parking for clean air vehicles	5.106.5.2		X		
	Mandatory	Parking stall marking	5.106.5.2.1		X		
	Mandatory	Single (EV) Charging space requirements	5.106.5.3.1		X		
	Mandatory	Multiple (EV) Charging space requirements [N]	5.106.5.3.2		X		
	Mandatory	EV charging space calculation [N] (with exceptions)	5.106.5.3.3		X		
	Mandatory	[N] Identification	5.106.5.3.4		X		
	Mandatory	[N] Future charging spaces (with notes 1-3)	5.106.5.3.5		X		
	Mandatory	Light Pollution Reduction [N] (with exceptions and note)	5.106.8		X		
	Mandatory	Grading and Paving (exception for additions and alterations not altering the drainage path)	5.106.10		X		
DIVISION 5.2 Energy Efficiency	Mandatory	Meet the minimum Energy Efficiency Standard	5.201.1		X		SHEET E01.1 + E0.2
DIVISION 5.3 Water Efficiency and Conservation	Mandatory	Separate Meters (new Buildings or additions > 50,000 SF that consume more than 100 gal/day)	5.303.1.1		X		
	Mandatory	Separate Meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2		X		
	Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1		X		
	Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1		X		
	Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2		X		
	Mandatory	Single showerhead shall have maximum flow rate	5.303.3.3.1		X		
	Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 2.0 gpm at 80 psi	5.303.3.3.2		X		
	Mandatory	Nonresidential lavatory faucets	5.303.3.4.1		X		
	Mandatory	Kitchen faucets	5.303.3.4.2	✓			P-001
	Mandatory	Wash basins	5.303.3.4.3				
	Mandatory	Metering faucets	5.303.3.4.4		X		
	Mandatory	Metering faucets for wash fountains	5.303.3.4.5		X		
	Mandatory	Food waste disposers w/note	5.303.4.1		X		
	Mandatory	Areas of additions and alterations	5.303.5		X		
	Mandatory	Standards for plumbing fixtures and fittings	5.303.6	✓			P-001
	Mandatory	Outdoor water use in landscape areas equal to or greater than 500 square feet	5.304.2		X		
	Mandatory	Outdoor water use in rehabilitated landscape projects with areas equal to or greater than 2,500 square feet	5.304.3		X		
	Mandatory	Outdoor water use in landscape areas of 2,500 square feet or less	5.304.4		X		
	Mandatory	Graywater or rainwater use in landscaped areas	5.304.6		X		
	Mandatory	Outdoor water supply systems (with exceptions 1-4)	5.305.1.1		X		
	Mandatory	Technical requirements for outdoor recycled water supply systems	5.305.1.2		X		
DIVISION 5.4 Material Conservation and Resource Efficiency	Mandatory	Weather Protection	5.407.1		X		
	Mandatory	Moisture Control: sprinklers	5.407.2.1		X		
	Mandatory	Moisture Control: Exterior door protection	5.407.2.2.1		X		
	Mandatory	Moisture Control: Flashing	5.407.2.2.2		X		
	Mandatory	Construction waste management-comply with either: sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3		X		
	Mandatory	Construction waste management: Documentation	5.408.1.4	X			SEE UCLA GENERAL CONDITIONS
	Mandatory	Universal waste [A]	5.408.2		X		
	Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3		X		
	Mandatory	Recycling by Occupants (with exception)	5.410.1		X		TI ONLY
	Mandatory	Recycling by Occupants: Additions (with exception)	5.410.1.1		X		
	Mandatory	Recycling by Occupants: Sample ordinance	5.410.1.2		X		
	Mandatory	Commissioning new buildings (≥ 10,000 SF) [N] w/exceptions and notes	5.410.2		X		
	Mandatory	Owner's or Owner representative's Project Requirements (OPR) [N]	5.410.2.1		X		
	Mandatory	Basis of Design (BOD) [N]	5.410.2.2		X		
	Mandatory	Commissioning Plan [N]	5.410.2.3		X		
	Mandatory	Functional Performance Testing [N]	5.410.2.4		X		
	Mandatory	Documentation and Training [N]	5.410.2.5		X		
	Mandatory	Systems Manual [N]	5.410.2.5.1		X		
	Mandatory	Systems Operation Training) [N]	5.410.2.5.2		X		
	Mandatory	Commissioning Report [N]	5.410.2.6		X		
	Mandatory	Testing and adjusting for new buildings < 10,000 SF or new systems that serve additions or alterations.	5.410.4		X		
	Mandatory	System Testing Plan for HVAC, Lighting, water heating, renewable energy, landscape irrigation and water reuse.	5.410.4.2	X			SHEET E01
	Mandatory	Procedures for testing and adjusting	5.410.4.3		X		
	Mandatory	HVAC balancing	5.410.4.3.1		X		
	Mandatory	Reporting for testing and adjusting	5.410.4.4		X		
	Mandatory	Operation and Maintenance (O&M) Manual	5.410.4.5		X		
	Mandatory	Inspection and reports	5.410.4.5.1		X		
DIVISION 5.5 Environmental Quality	Mandatory	Fireplaces	5.503.1		X		
	Mandatory	Woodstoves	5.503.1.1		X		
	Mandatory	Temporary ventilation	5.504.1		X		
	Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3	✓			M-200
	Mandatory	Adhesives, sealants and caulks	5.504.4.1	✓			M-200
	Mandatory	Paints and coatings	5.504.4.3	✓			M-200
	Mandatory	Aerosol paints and coatings	5.504.4.3.1	X			10N A05
	Mandatory	Aerosol paints and coatings: Verification	5.504.4.3.2	X			
	Mandatory	Carpet systems	5.504.4.4	X			2ND A05
	Mandatory	Carpet cushion	5.504.4.4.1		X		
	Mandatory	Carpet adhesives	5.504.4.4.2	X			1ON A05
	Mandatory	Composite wood products	5.504.4.5	X			
	Mandatory	Composite wood products: Documentation	5.504.4.5.3	X			
	Mandatory	Resilient flooring systems	5.504.4.6	X			4on A05
	Mandatory	Resilient flooring: Verification of compliance	5.504.4.6.1		X		
	Mandatory	Filters w/ exceptions	5.504.5.3		X		No new system
	Mandatory	Filters: Labeling	5.504.5.3.1		X		
	Mandatory	Environmental tobacco smoke (ETS) control	5.504.7		X		
	Mandatory	Indoor moisture control	5.505.1	✓			M-200
	Mandatory	Outside air delivery	5.506.1		X		
	Mandatory	Carbon dioxide (CO2) monitoring	5.506.2		X		
	Mandatory	Acoustical control w/ exception	5.507.4		X		
	Mandatory	Exterior noise transmission, prescriptive method w/ exceptions	5.507.4.1		X		
	Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1		X		
	Mandatory	Performance method	5.507.4.2		X		
	Mandatory	Site features	5.507.4.2.1		X		
	Mandatory	Documentation of compliance	5.507.4.2.2		X		
	Mandatory	Interior sound transmission w/ note	5.507.4.3		X		
	Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1		X		
	Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1	✓			M-200
	Mandatory	Halons	5.508.1.2	✓			M-200
	Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more sections 5.508.2 through 5.508.2.6.3	5.508.2 through 5.508.2.6.3		X		

Documentation Author's /Responsible Designer's Declaration Statement Mandatory:
I attest that the mandatory provisions checklist is accurate and complete.

Signature: [signature]

Company: MAIO + GRODSKY, INC.	Date: 10/15/2019
Address: 15206 Ventura Blcd, Suite #201	License: C27923
City/State/Zip: Sherman Oaks, CA 91403	Phone: 310-804-5093

GREEN BUILDING NOTES

1. ARCHITECTURAL PAINTS AND COATINGS, ADHESIVES, CAULKS AND SEALANTS SHALL COMPLY WITH THE VOLATILE ORGANIC COMPOUND (VOC) LIMITS LISTED IN TABLES 5.504.4.1–5.504.4.3.
(5.504.4.1–5.504.4.3)

2. ALL NEW CARPET INSTALLED IN THE BUILDING INTERIOR MEETS THE TESTING AND PRODUCT REQUIREMENTS OF ONE OF THE FOLLOWING:
A. CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM
B. CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S SPECIFICATION 01350
C. NSF/ANSI 140 AT THE GOLD LEVEL
D. SCIENTIFIC CERTIFICATIONS SYSTEMS INDOOR ADVANTAGE GOLD
(5.504.4.4)

3. NEW HARDWOOD PLYWOOD, PARTICLE BOARD, AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED IN THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE FORMALDEHYDE LIMITS.
(5.504.4.5, 10.504.4.5)

4. 80% OF THE TOTAL AREA RECEIVING NEW RESILIENT FLOORING SHALL COMPLY WITH ONE OR MORE OF THE FOLLOWING:
A. VOC EMISSION LIMITS DEFINED IN THE CHPS HIGH PERFORMANCE PRODUCTS DATABASE.
B. CERTIFIED UNDER UL GREENGUARD GOLD
C. CERTIFICATION UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAM.
D. MEET THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S SPECIFICATION 01350
(5.504.4.6)

5. DESIGNATED OUTDOOR SMOKING AREA SHALL BE AT LEAST 25 FEET FROM AN OUTDOOR AIR INTAKE OR OPERABLE WINDOWS.
(5.504.7)

APPROVED FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

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T | 310 804-5093

STAMP

LICENSED ARCHITECT
JOSEPH T. MAIO
C27923
RENEWAL 02 - 28 - 21
STATE OF CALIFORNIA

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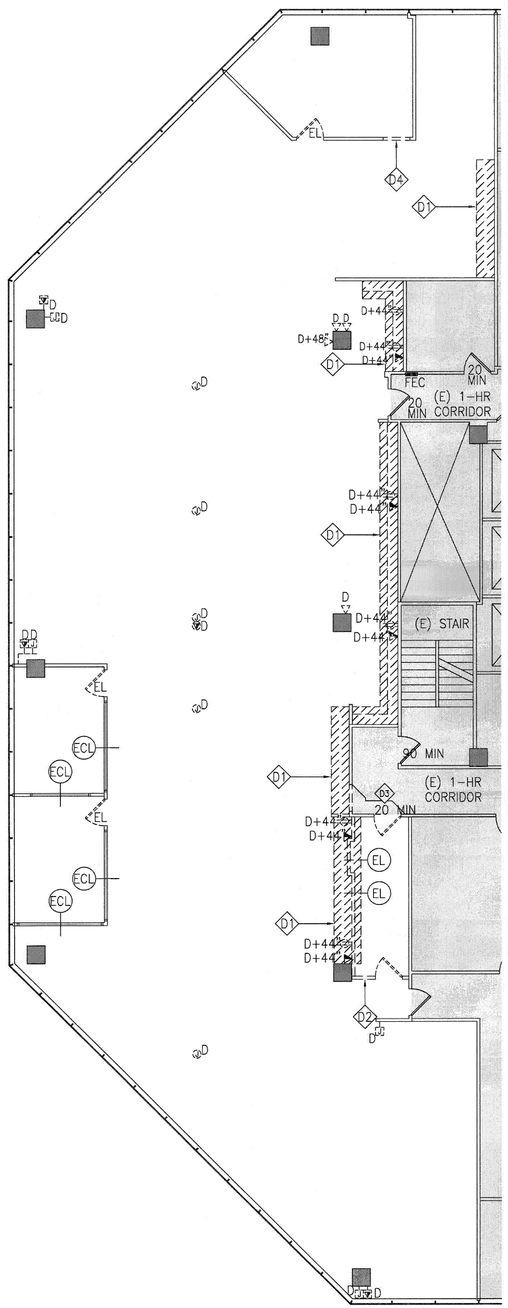
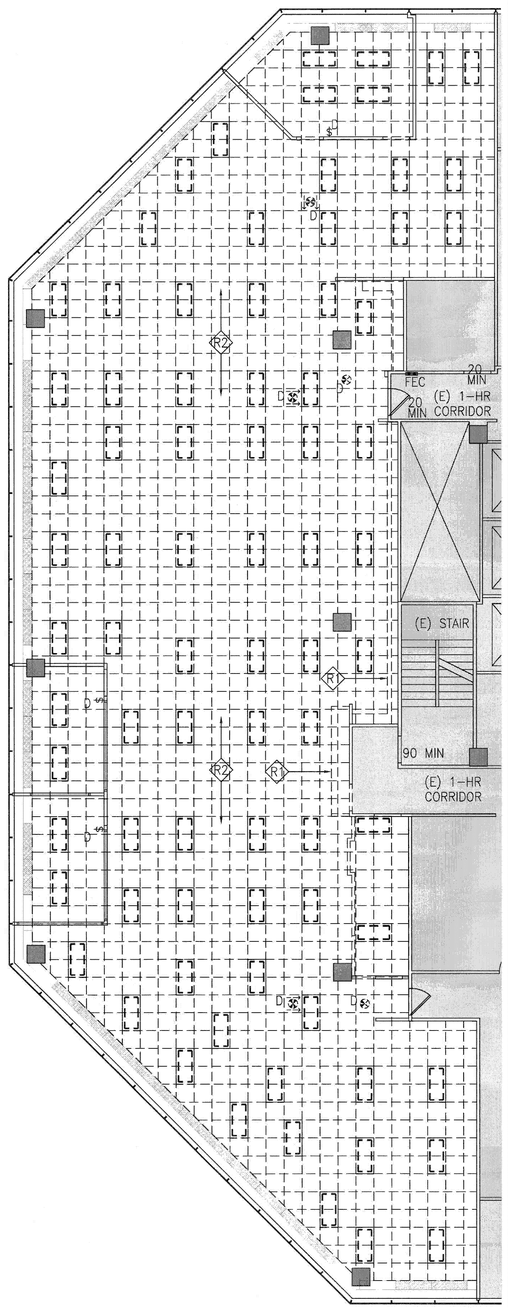
GREEN FORMS AND NOTES

A-0.5



AREA OF WORK
SUITE 620



AREA OF WORK
SUITE 620

DEMOLITION PLAN | N | SCALE 1/8" = 1'-0" | 1

REFLECTED CEILING DEMO PLAN | N | SCALE 1/8" = 1'-0" | 2

DEMOLITION PLAN KEYNOTES

- D1 EXISTING BUILT-IN MILLWORK TO BE DEMOLISHED. PATCH AND REPAIR EFFECTED SURFACES TO REMAIN.
- D2 CUT IN 24" OPENING FOR NEW SIDELITE. SEE CONSTRUCTION PLAN #1/A-2.0 FOR MORE INFORMATION.
- D3 DEMO RATED DOOR ASSEMBLY OR WALL WHERE SHOWN. GC TO MAINTAIN INTEGRITY OF CORRIDOR RATING DURING NORMAL BUSINESS HOURS.
- D4 CUT IN 36" WIDE OPENING FOR NEW DOOR. SEE CONSTRUCTION PLAN #1/A-2.0 FOR MORE INFORMATION.

REFLECTED CEILING DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING 2'X2' FINELINE GRID AT +8'-6" TO BE DEMOLISHED. EXISTING ACOUSTIC TILES TO BE DEMOLISHED.
	EXISTING HEAT PANEL TO REMAIN, U.O.N.
	EXISTNG 2X4 LIGHT FLUORESCENT LIGHT FIXTURE WITH PRISMATIC LENSE TO BE REMOVED.
	EXISTNG 2X2 LIGHT FIXTURE WITH PRISMATIC LENSE TO BE REMOVED.
D	EXISTING WALL MOUNTED MOTION SWITCH TO BE REMOVED.
DIRECTIONAL ARROWS	EXISTING EXIT SIGN TO REMAIN. 'D' = REMOVE AND SAVE FOR RELOCATION

REFLECTED CEILING DEMO PLAN KEYNOTES

- R1 DEMO EXISTING UNDERCOUNTER LIGHTS AND ALL ASSOCIATED SWITCHING.
- R2 DEMO ALL SPEAKERS IN CEILING THROUGHOUT SUITE.

DEMOLITION PLAN LEGEND

- EXISTING PARTITION TO REMAIN.
- EXISTING PARTITION TO BE DEMOLISHED.
- EL — EXISTING LOW WALL TO BE DEMOLISHED.
- ECL — EXISTING FRAMED CLERESTORY WINDOW TO REMAIN.
- EXISTING BUILT-IN MILLWORK TO BE DEMOLISHED.
- EXISTING DOOR ASSEMBLY TO REMAIN. * INDICATES FIRERATING
- EXISTING DOOR ASSEMBLY TO BE DEMOLISHED. * INDICATES FIRERATING. EL = EXISTING LOCKSET
- FEC — EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET TO REMAIN.
- FE — EXISTING FIRE EXTINGUISHER TO BE REMOVED AND SAVED FOR RELOCATION.
- D — EXISTING DUPLEX OUTLET TO BE DEMOLISHED.
- D — EXISTING TELEPHONE/DATA OUTLET TO BE DEMOLISHED.
- D — EXISTING BLDG. STD. WALL MOUNTED J-BOX @ +18" A.F.F. FOR ELECTRICAL POWER TO FEED FURNITURE SYSTEM TO BE DEMOLISHED. # INDICATES NUMBER OF WORKSTATIONS SERVED. 8 WIRE/5 CIRCUIT SYSTEM.
- D — EXISTING BLDG. STD. WALL MOUNTED J-BOX @ +18" A.F.F. FOR TELEPHONE/DATA TO FEED FURNITURE SYSTEM TO BE DEMOLISHED. # INDICATES NUMBER OF WORKSTATIONS SERVED.
- D — EXISTING BLDG. STD. FLUSH FLOOR MOUNTED J-BOX FOR ELECTRICAL POWER TO FEED FURNITURE SYSTEM TO BE DEMO'D. # INDICATES NUMBER OF WORKSTATIONS SERVED. 8 WIRE/5 CIRCUIT SYSTEM.
- D — EXISTING BLDG. STD. FLUSH FLOOR MOUNTED J-BOX FOR TELEPHONE DATA TO FEED FURNITURE SYSTEM. # INDICATES NUMBER OF WORKSTATIONS SERVED.
- EXISTING LIGHT SWITCH TO REMAIN.
- D — EXISTING LIGHT SWITCH TO BE DEMOLISHED.
- EXISTING COLUMN TO REMAIN.
- AREA NOT IN CONTRACT

ACCEPTED FIRE AND SAFETY ONLY OCT 16 2019 STATE OF CALIFORNIA

DEMOLITION PLAN GENERAL NOTES

1. PARTITIONS: EXISTING PARTITIONS ARE TO REMAIN THRU-OUT SUITE U.O.N. DEMO PARTITIONS AS SHOWN.
2. FLOORING: DEMO EXISTING CARPET AND BASE THROUGHOUT SUITE, U.O.N. PATCH AND REPAIR FLOORING AS REQUIRED TO ACCEPT NEW FLOOR FINISH. SEE FINISH FOR NEW FINISHES AND LOCATIONS.
3. POWER & COMMUNICATIONS: ELECTRICAL & COMMUNICATIONS ARE TO REMAIN THRU-OUT SUITE U.O.N. WHERE PARTITIONS ARE REMOVED, CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONDUITS BACK TO ELECTRICAL SUB PANEL OR TELEPHONE BACKBOARD. EXISTING TELE/DATA CABLES TO REMAIN IN EXISTING SUITE REMODEL AREAS. GC TO ROLL UP AND SAVE IN CEILING PLENUM. COORDINATE WITH TENANT TELE/ DATA VENDOR. SEE THIS SHEET FOR DEMO OF OUTLETS ON WALLS EXISTING TO REMAIN.
4. MILLWORK: EXISTING BUILT-IN MILLWORK IS TO BE DEMOLISHED AS SHOWN ON PLAN.
5. DOORS: EXISTING DOORS ARE TO BE REMAIN U.O.N. REMOVE DOOR ASSEMBLIES AS NOTED. ALL BUILDING STANDARD DOORS TO BE REUSED, SHALL BE SET ASIDE TO PREVENT ANY DAMAGE DUE TO DEMOLITION.
6. CEILING: EXISTING CEILING GRID AND HVAC GRILLES TO BE DEMOLISHED THROUGHOUT SUITE. EXISTING CEILING TILES ARE TO BE DEMOLISHED THROUGHOUT SUITE. EXISTING PERIMETER CEILING GRID & HEAT PANELS ARE TO REMAIN U.O.N. SEE CEILING PLAN FOR SCOPE OF WORK.
7. CONTRACTOR TO WALK JOBSITE AND INCLUDE OTHER MISC. DEMOLITION NOT SPECIFICALLY SHOWN ON PLAN AND IS NOT RETAINED OR REUSED IN THE NEW CONSTRUCTION PLAN (I.E. OLD ELECTRICAL METER AND A/C UNITS, POWER POLES, SURFACE MOUNTED WIREMOLD OR CONDUITS, WATER HEATERS AND EQUIPMENT)
8. DEMO ANY UNUSED FIRE LIFE SAFETY BLANK PLATE OUTLETS & PATCH FOR NEW WALL FINISH.
9. THE GENERAL CONTRACTOR SHALL ERECT ALL NECESSARY TEMPORARY SOLID AND/OR PLASTIC DROP CLOTH PARTITIONS TO PROTECT AREAS TO REMAIN WHILE DEMOLITION AND CONSTRUCTION ARE IN PROGRESS.
10. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT DAMAGE ANY PORTION OF EXISTING INSTALLATION NOT BEING REMOVED.
11. ALL EXISTING AREAS TO REMAIN THAT ARE DAMAGED BY DEMOLITION OR NEW CONSTRUCTION WORK SHALL BE PATCHED AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR, U.O.N.
12. ALL EXISTING CONDITIONS TO REMAIN AND ITEMS TO BE REUSED SHALL BE CLEANED AND RESTORED TO WORKING CONDITION.
13. REMOVE ALL UNUSED CONDUITS, SOUND BLANKETS, A/C DUCTS FROM ABOVE CEILING & CLEAN ABOVE CEILING ALL NON-FUNCTIONING DEBRIS.
14. SEE MEP DRAWINGS FOR ADDITIONAL DEMO INFORMATION.

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LICENSED ARCHITECT MIGUEL A. MAIO C27938 RENEWAL 02-28-21 STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

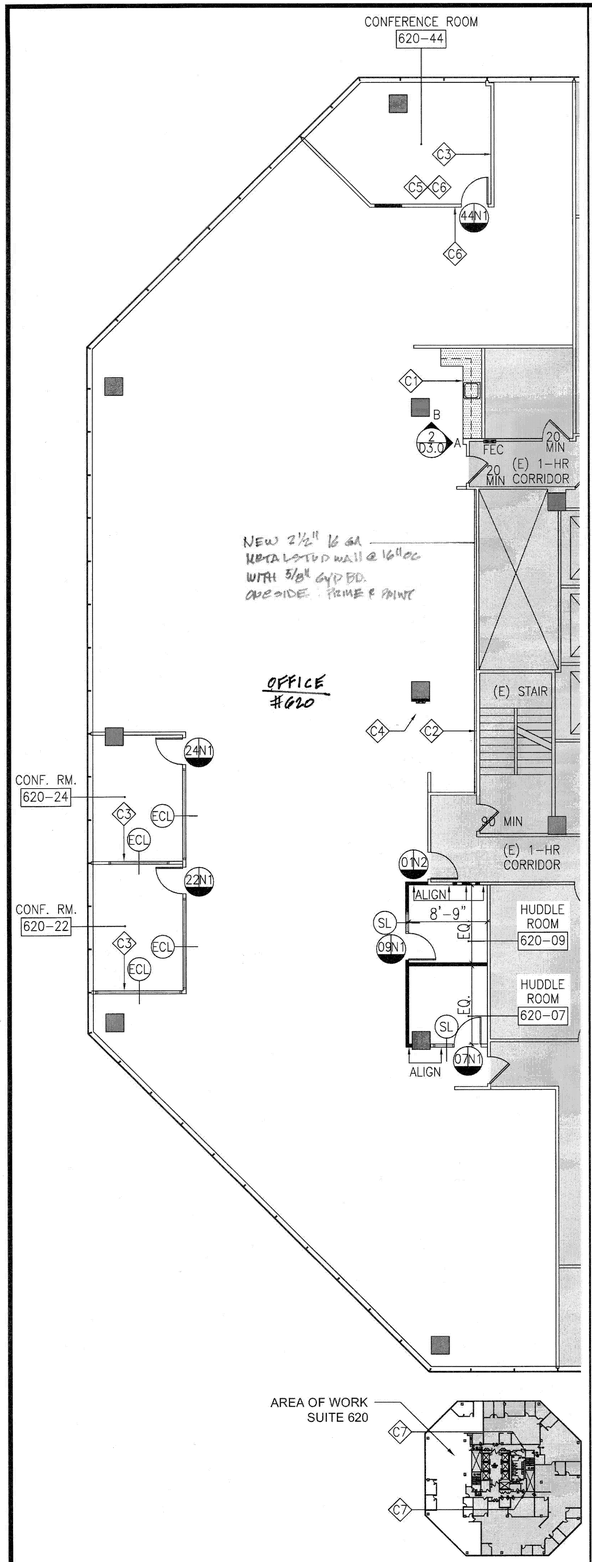
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

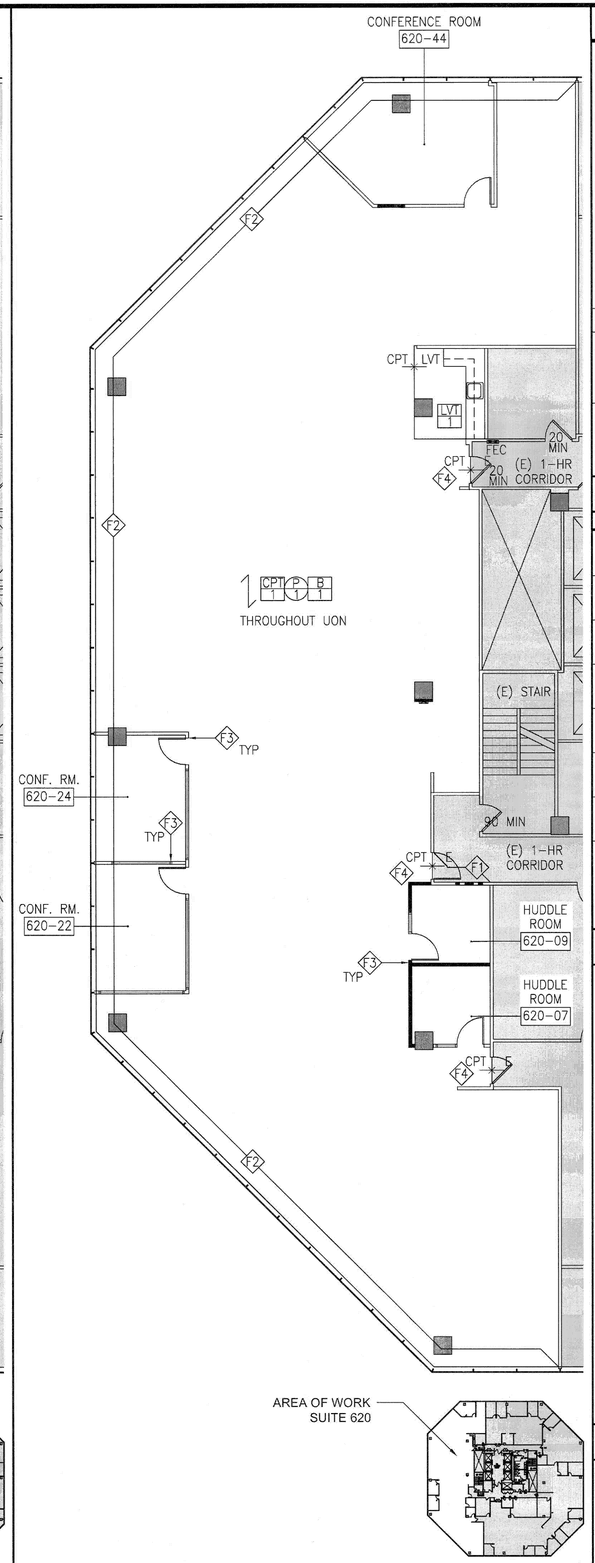
DEMOLITION PLAN AND REFLECTED CEILING DEMOLITION PLAN

A-1.0



CONSTRUCTION PLAN

N | SCALE 1/8" = 1'-0" | 1



FINISH PLAN

N | SCALE 1/8" = 1'-0" | 2

DOOR INFORMATION CONT.

DOOR NOTES

1 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE QUANTITY AND CONDITION OF ALL EXISTING DOORS PRIOR TO BID.
2 ALL NEW WOOD DOORS TO MATCH EXISTING.
3 ALL RATED DOORS SHALL HAVE RATING AS NOTED. CONTRACTOR TO REPLACE DOORS OR HAVE PROPER RATING AGENCY TO APPLY PROPER RATING LABEL.
4 NAME PLATES AND/OR SIGN AGE ON ALL DOORS THAT ARE TO BE REUSED SHALL BE REMOVED AND THE DOOR REFINISH TO LOOK LIKE NEW U.O.N.
5 CONTRACTOR TO VERIFY THAT EXIST. DOORS FRAMES AND HARDWARE TO BE REUSED COMPLY WITH FIRE RATING REQUIREMENT (WHERE OCCURS) AND BUILDING STANDARD.
6 PROVIDE FLOOR DOOR STOPS AT DOORS IF MISSING TO MATCH EXISTING
7 PROVIDE THRESHOLDS AT ALL NEW AND EXISTING RATED DOORS.
8 ALL DOORS TO HAVE LEVER HARDWARE PER ADA REQUIREMENTS.

NEW DOOR SPEC.:
MARSHFIELD OR EQUAL 3'-0" X 8'-4" X 1-3/4",
20-MINUTE RATED, SOLID CORE PLAIN SLICED WHITE OAK, WINDSOR (MATCH LANDLORD SAMPLE).

NEW FRAME SPEC:
WESTERN INTEGRATED #300 ALUMINUM WITH ANODIZED ALUMINUM FINISH.

NEW HARDWARE SPEC:
ARROW- "Q" SERIES CYLINDRICAL LEVER SIERRA SR
FINISH: 26D SATIN CHROMIUM
UL#437 / ANSI CERTIFICATION A156.2.

DOOR TYPE	DESCRIPTION
X N1	NEW BUILDING STANDARD NON-RATED 3'-0" WIDE x FULL HEIGHT SOLID CORE WOOD SINGLE DOOR ASSEMBLY IN NEW HOLLOW METAL FRAME. INCLUDES: DOOR, (4) HINGES, DOOR STOP, LATCH SET HARDWARE. * 'L' INDICATES NEW LOCKSET TYPE HARDWARE * 'C' INDICATES NEW CLOSER
X N2	NEW BUILDING STANDARD 20-MIN RATED 3'-0" WIDE x FULL HEIGHT SOLID CORE WOOD SINGLE DOOR ASSEMBLY IN NEW HOLLOW METAL FRAME. INCLUDES: DOOR, (4) HINGES, DOOR STOP, LATCH SET HARDWARE. * 'L' INDICATES NEW LOCKSET TYPE HARDWARE * 'C' INDICATES NEW CLOSER

FINISH PLAN LEGEND

SYMBOL	MATERIAL	MANU.	PATTERN/STYLE	COLOR	FINISH/SIZE/MISC.
P 1	BUILDING STANDARD PAINT	DUNN EDWARDS ZERO VOC	DEW 383	COOL DECEMBER	EGG SHELL FINISH: WALL
P 2	BUILDING STANDARD PAINT	DUNN EDWARDS ZERO VOC	–	–	EGG SHELL FINISH: WALL
CPT 1	CARPET TILE	INTERFACE	SMART STREET #142640AK00	105011 CROSSROAD	ASHLAR
LVT 1	LUXURY VINYL TILE	INTERFACE	STUDIO SET	A00701 SILVERLIGHT	ASHLAR
B 1	BUILDING STANDARD RUBBER BASE	JOHNSONITE	–	#20 CHARCOAL	4" HIGH COVE
PL 1	PLASTIC LAMINATE	NEVAMAR	SILVER ALU METALX MXT-003T	MXT-003T	BUILT-IN COUNTERTOPS TEXTURED
SS 1	SOLID SURFACE	WILSONART	–	FROSTY WHITE 1573SL (1)	COUNTERTOP AND BACKSPLASH

FLOOR TRANSITION. SEE DETAIL #9/D-1.0

AREA NOT IN CONTRACT

FINISH PLAN GENERAL NOTES

1 **FLOORING:** PREP FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. PROVIDE NEW C-1 CARPET TILE AND NEW 4" RUBBER BASE THROUGHOUT SUITE U.O.N. PROVIDE AND INSTALL LVT FLOORING AND 4" RUBBER BASE AT AREAS SHOWN.
2 **DOORS:** EXISTING DOOR ASSEMBLIES ARE TO REMAIN. RELOCATE EXISTING DOOR ASSEMBLIES WHERE SHOWN. REFURBISH ALL DOORS & PAINT FRAMES TO MATCH EXISTING. SEE KEYNOTE F1.
3 PARTITIONS: PAINT ALL NEW AND EXISTING PARTITIONS THROUGHOUT. PREP EXISTING PARTITIONS AS REQUIRED FOR NEW PAINT FINISH. PATCH AND PAINT AT ALL NEW OR DEMOLISHED ELECTRICAL OUTLET LOCATIONS THROUGHOUT. REMOVE ANY HOOKS AND BOLTS ON EXISTING WALLS, PATCH.
4 CONTRACTOR RESPONSIBLE TO WORK FROM CURRENT ISSUED CONSTRUCTION DOCUMENTS. ANY WORK PERFORMED FROM PREVIOUS/SUPERCEDED SETS AFTER FORMAL ISSUE OF NEW PLANS TO BE CORRECTED AT CONTRACTOR'S EXPENSE WITH NO TIME DELAYS.
5 CONTRACTOR TO REVIEW PLANS WITH ANY NEW OR EXISTING CONSTRUCTION. CONTRACTOR SHALL CHECK & VERIFY CONDITIONS AT JOB SITE & REQUEST CLARIFICATION FROM THE ARCHITECT OF ANY POSSIBLE CONFLICTS BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK.
6 EXISTING BLINDS AT ALL EXTERIOR WINDOWS ARE TO REMAIN WHERE EXISITNG THROUGHOUT SUITE U.O.N. PROTECT DURING DEMOLITION AND CONSTRUCTION. VERIFY WORKING CONDITION AND PROVIDE MISSING PARTS AND MISSING BLINDS AS REQUIRED. SERVICE & THOROUGHLY CLEAN ALL WINDOW BLINDS AT CONCLUSION OF PROJECT, SO THEY ARE IN PRIME FUNCTIONING CONDITION, TYP.
7 PREP CONCRETE FLOORING FOR NEW FLAT FLOOR COVERING FINISH. PATCH CONCRETE SPALLS & CRACKS AND FILL HOLES AS REQUIRED.
8 ALL PAINT SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR PARTICULAR SURFACE. PROVIDE MINIMUM TWO (2) COATS OVER PRIME AS REQUIRED. REPAINT OR TOUCH-UP AREAS WHERE NECESSARY.
9 ALL RUBBER BASE TO BE MITERED AT ALL CORNERS AND INSTALL ACCORDING TO MANUFACTURER'S REQUIREMENTS.
10 CARPET INSTALLER TO PROVIDE SEAMING DIAGRAM TO ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ORDER.
11 CONTRACTOR TO SUBMIT THREE (3) 12"X12" PAINT CARD AND THREE (3) SAMPLES OF ALL FINISH MATERIALS AS SPECIFIED TO ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ORDER.
12 CONTRACTOR TO PROVIDE THREE (3) CARPET SAMPLES WITH SPECIFIED CARPET BACKINGS AND METHOD OF INSTALLATION TO ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ORDER.
13 WHERE CARPETING OCCURS IN DOORWAYS, LOCATE SEAMS UNDER CENTER OF DOOR.

FINISH PLAN KEYNOTES

F1 PROVIDE NEW FINISHES AT AREA OF DOOR INFILL AND CARD READER DEMOLITION. NEW FINISHES TO MATCH AND ALIGN WITH EXISTING TO REMAIN.
F2 PAINT EXISTING HEAT PANEL GRID THROUGHOUT SUITE. RUSTOLEUM SPC-09 'WHITE' 7751830 (AEROSOL).
F3 PAINT ALL NEW OR EXISTING DOOR FRAME AND CLERESTORY FRAME. SPEC: SCUFFMASTER, METAL FRAME PAINT, G5150200 SM 934, METALLIC.
F4 REFINISH EXISTING DOOR AND PAINT DOOR FRAME WHERE SHOWN. PAINT SPEC: SCUFFMASTER: METAL FRAME PAINT G5150200 SF 934, METALLIC.

CONSTRUCTION PLAN LEGEND

EXISTING PARTITION TO REMAIN.
NEW NON-RATED CEILING HEIGHT PARTITION. SEE DETAIL #4/D-1.0.
NEW FULL HEIGHT 1-HR RATED PARTITION. SEE DETAIL #7/D-1.0.
SL NEW 24" WIDE FRAMED GLASS SIDELITE. SEE DETAIL #10/D-1.0.
ECL EXISTING FRAMED CLERESTORY WINDOW TO REMAIN.
NEW BUILT-IN MILLWORK
ALIGN FINISH SURFACES
EXISTING COLUMN TO REMAIN.
FE EXISTING FIRE EXTINGUISHER TO REMAIN
FEC EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. (N) INDICATES NEW.
AREA NOT IN CONTRACT

CONSTRUCTION PLAN GENERAL NOTES

1 **PARTITIONS:** EXISTING PARTITIONS ARE TO REMAIN THROUGHOUT, U.O.N. PROVIDE AND INSTALL NEW PARTITIONS AS SHOWN. PATCH ANY HOLES IN EXISTING PARTITIONS. PREP NEW PARTITIONS TO RECEIVE NEW PAINT AS REQUIRED.
2 **DOORS:** EXISTING DOOR ASSEMBLIES ARE TO REMAIN U.O.N. PROVIDE NEW OR RELOCATE EXISTING DOOR ASSEMBLIES AS SHOWN ON PLAN. FINISH TO MATCH BUILDING STANDARD. GC TO VERIFY EXISTING DOOR ASSEMBLY CONDITIONS & QUANTITIES PRIOR TO BID.
3 WHERE EXISTING PARTITIONS, FLOORING AND SUBFLOORING ARE REMOVED, CONTRACTOR SHALL PREP FLOOR SLAB AS REQUIRED FOR PROPER FLAT FLOORCOVERING INSTALLATION THRU-OUT REMODELED AREA.
4 G.C. TO PROVIDE ADEQUATE STRUCTURAL BRACING SUPPORT IN WALLS FOR MILLWORK.
5 PATCH ALL EXISTING SURFACES TO REMAIN THAT ARE AFFECTED BY DEMOLITION AND MATCH EXISTING ADJACENT SURFACES, TYPICAL, U.O.N.
6 CONTRACTOR TO REVIEW PLANS WITH ANY NEW OR EXISTING CONSTRUCTION AND IDENTIFY POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION.
7 THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND REQUEST CLARIFICATION FROM THE ARCHITECT OF ANY POSSIBLE CONFLICTS BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK.
8 ALL EXISTING CONSTRUCTION, INCLUDING CORE WALLS, EXTERIOR WALLS AND COLUMNS ARE TO BE CHECKED FOR CRACKS, WAVES, SCARS, IMPERFECTIONS, IRREGULARITIES IN FINISHES, ETC. PREPARE AS NECESSARY FOR NEW SCHEDULED FINISH.
9 SKIM COAT ALL REMAINING WALLS WHERE EXISTING WALLCOVERING, CONSTRUCTIONS FINISHES, ATTACHMENTS, ETC. HAVE BEEN REMOVED.
10 CONTRACTOR SHALL TAPE AND SPACKLE ALL NEW GYP. WALLBOARD WALLS AND PREPARE FOR PAINT AS INDICATED ON FINISH PLAN.
11 CONTRACTOR SHALL TAPE, MUD AND SAND FLUSH METAL CORNER BEADS AT ALL SOFFITS, WALLS, END AND TOPS OF FREE-STANDING PARTITIONS.
12 ALL PARTITIONS SHOWN "ALIGN" ARE TO BE SMOOTH AND FLUSH WITH EXISTING OR NEW CONSTRUCTION AS INDICATED.
13 WHERE PARTITIONS ARE REMOVED, CONTRACTOR SHALL REMOVE ALL ELECTRICAL AND TELEPHONE CONDUITS BACK TO ELECTRICAL SUB PANEL OR TELEPHONE BACKBOARD.
14 WHERE PARTITIONS ARE REMOVED, CONTRACTOR SHALL FILL/FLOAT FLOOR SLAB AS REQUIRED FOR PROPER FLAT FLOOR COVERING INSTALLATION.
15 PATCH & REPAIR ALL EXISTING SURFACES TO REMAIN WHICH ARE AFFECTED BY DEMOLITION. ALL SURFACES REPAIRED SHALL MATCH ADJACENT EXISTING SURFACES. ALL SURFACES SHALL BE SMOOTH AND PREPARED AS REQUIRED TO RECEIVE NEW FINISHES.
16 REFER TO SHEET A-0.2 REGARDING MINIMUM FLAME SPREAD RATINGS.
17 G.C. TO FILL OR SEAL ALL WALL & FLOOR PENETRATIONS WITH LISTED & APPROVED THROUGH PENETRATION FIRE STOP SYSTEM.

CONSTRUCTION PLAN KEYNOTES

C1 PROVIDE AND INSTALL NEW BUILT-IN ADA COMPLIANT 25" DEEP SOLID SURFACE COUNTERTOP AT 34" AFF WITH LOWER STORAGE CABINETS, ADJUSTABLE SHELVES, FULL HEIGHT BACKSPLASH, BUILDING STANDARD SINK, WATER HEATER, GARBAGE DISPOSAL, INSTA-HOT, FLOOD STOPPER AND WATER FILTER. NEW HOT AND CHILLED WATER DISPENSER TIES INTO WATER FILTER. SEE PLUMBING ENGINEERING DRAWINGS. PROVIDE AND INSTALL NEW 14" DEEP PLASTIC LAMINATE UPPER CABINETS WITH DOORS AND ADJUSTABLE SHELVES. PROVIDE BACKING IN WALL AS REQUIRED. SEE ELEVATION #2A & 2B/D-3.0.
C2 PROVIDE BACKING IN WALL AS REQUIRED FOR NEW FURNITURE SYSTEM CABINETS BY TENANT. SEE DETAIL #1/D-1.0. FIRE WALL AT EXIT ENCLOSURE & RATED SHAFT WALL (TYP.
C3 PROVIDE BACKING IN WALL AS REQUIRED FOR NEW FLAT SCREEN PROVIDED BY TENANT. SEE DETAIL #1/D-1.0.
C4 PROVIDE NEW FIRE EXTINGUISHER CABINET AT LOCATION SHOWN. PROVIDE WALL FURR AT EXISTING COLUMN AS REQUIRED. SEE DETAIL #10/D-3.0.
C5 PROVIDE PORTABLE ASSISTIVE LISTENING DEVICE WITH SIGNAGE FOR CONFERENCE ROOM 620-44. SEE SPEC BY 'WILLIAMS SOUND' BELOW.

QTY	PRODUCT
1	PORTABLE TRANSMITTER PPA T46
1	MICROPHONE MIC 100
2	FM RECEIVER PPA R38N
1	DUAL BAY CHARGER & BATTERIES BAT KT6
2	NECKLOOP 18" NKL 001
2	SURROUND EARPHONE EAR 022

APPROVED FOR FIRE AND EXIT ONLY OCT 16 2019 STATE FIRE MARSHAL

SEE DETAIL 7 ON SHT D3.0

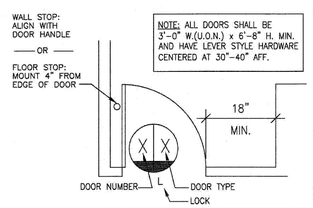
C6 PROVIDE ASSISTIVE LISTENING DEVICE SIGNAGE PER 2016 CBC 11B-216.10. SEE DETAIL #1/D-3.0.
C7 PROVIDE DIRECTIONAL SIGN TO 7TH FLOOR ACCESSIBLE RESTROOMS.

DOOR INFORMATION

DOOR LEGEND:

EXISTING DOOR ASSEMBLY TO REMAIN
INDICATES FIRE RATING OF DOOR & FRAME.
EL = EXISTING LOCK
NEW OR/ RELOCATED DOOR ASSEMBLY SEE BELOW FOR DESCRIPTION.

TYPICAL DOOR INFORMATION:



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STAMP

LICENSED ARCHITECT MICHEL J. MAIO C27923 RENEWAL 02-28-21 STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
2	09/20/19	ISSUED FOR ENGINEERING
3	10/09/19	ISSUED FOR CP OTC PLAN CHECK
4	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

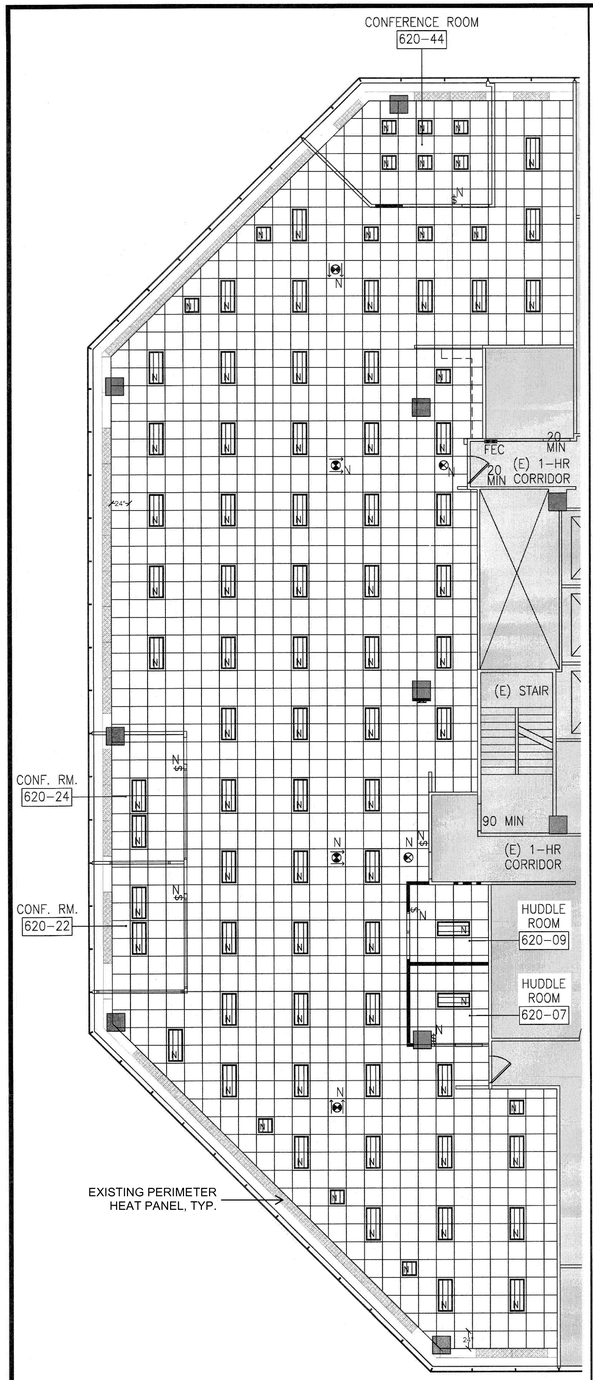
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

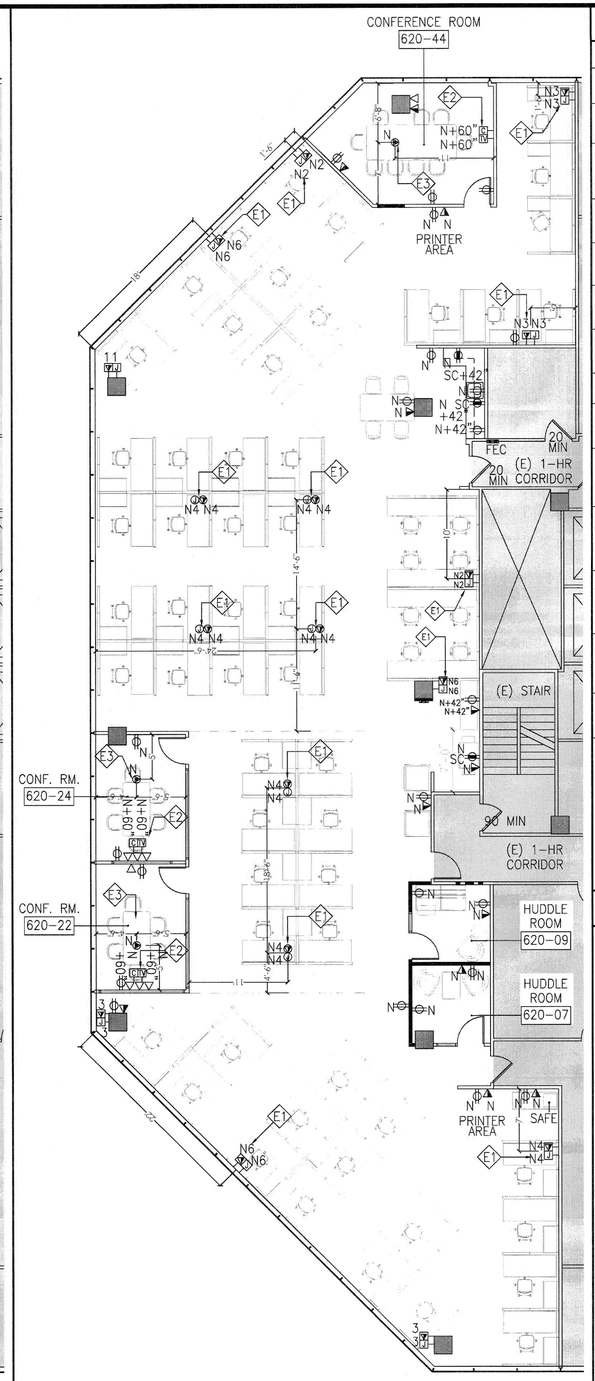
DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

CONSTRUCTION PLAN AND FINISH PLAN

A-2.0



REFLECTED CEILING PLAN — N — SCALE 1/8" = 1'-0" — 1



POWER & COMMUNICATIONS PLAN — N — SCALE 1/8" = 1'-0" — 2

POWER & COMMUNICATIONS PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING BUILDING STANDARD 110 V. DUPLEX OUTLET– WALL MOUNTED @ 18" A.F.F. U.O.N INDICATED OUTLET ON SWITCH.
	EXISTING BUILDING STANDARD 110 V. QUADRUPLEX OUTLET– WALL MOUNTED @ 18" A.F.F. U.O.N
	EXISTING BUILDING STANDARD COMBINATION TELEPHONE/DATA OUTLET– WALL MOUNTED @ 18" A.F.F. U.O.N. WITH 1 1/4" CONDUIT STUBBED TO 6" ABOVE LINE OF CEILING
	EXISTING BUILDING STANDARD TELEPHONE OUTLET @18" A.F.F. U.O.N. WITH 1 1/4" CONDUIT STUBBED 6" ABOVE CEILING WITH PULL WIRE, U.O.N.
	EXISTING BUILDING STANDARD DATA OUTLET @18" A.F.F. U.O.N. WITH 1 1/4" CONDUIT STUBBED 6" ABOVE CEILING WITH PULL WIRE, U.O.N.
SC	EXISTING BUILDING STANDARD 110 V./20 A. (U.O.N.) SEPARATE CIRCUIT OUTLET– WALL MOUNTED @ 18" A.F.F. U.O.N
TV	NEW BUILDING STANDARD TV. ANTENNA OUTLET @ 18 A.F.F. WITH 1" CONDUIT STUBBED 6" ABOVE CEILING WITH PULL WIRE, U.O.N.
C	NEW RECESSED ELECTRICAL CLOCK OUTLET
	EXISTING BUILDING STANDARD FLOOR MOUNTED COMBINATION TELE/DATA/POWER OUTLET, FLUSH FLOOR INSTALLATION.
J 1	EXISTING BLDG. STD. WALL MOUNTED J–BOX @ +18" A.F.F. FOR ELECTRICAL POWER TO FEED FURNITURE SYSTEM. # INDICATES NUMBER OF WORKSTATIONS SERVED. 8 WIRE/ 5 CIRCUIT SYSTEM.
1	EXISTING BLDG. STD. WALL MOUNTED J–BOX @ +18" A.F.F. FOR TELEPHONE/DATA TO FEED FURNITURE SYSTEM. PROVIDE 1 1/2" CONDUIT STUBBED UP 6" ABOVE CEILING W/PULLWIRE # INDICATES NUMBER OF WORKSTATIONS SERVED.
J 1	EXISTING BLDG. STD. FLUSH FLOOR MOUNTED J–BOX FOR ELECTRICAL POWER TO FEED FURNITURE SYSTEM.
1	EXISTING BLDG. STD. FLUSH FLOOR MOUNTED J–BOX FOR TELEPHONE DATA TO FEED FURNITURE SYSTEM.
CR	INDICATES NEW CARD READER. ELECTRICAL BOX WITH CONDUIT STUBBED UP INTO CEILING. TENANT TO PROVIDE CARD READER DEVICE.

NOTE FOR ALL:

N = NEW
RE = RELOCATED EXISTING

AREA NOT IN CONTRACT

SEE #12/D–3.0 FOR OUTLETS HEIGHTS.

POWER & COMM. PLAN GENERAL NOTES

1 EXISTING TELE/ DATA/ POWER OUTLETS SHOWN ON THE PLAN ARE TO REMAIN THROUGHOUT SUITE U.O.N. PROVIDE & INSTALL NEW BUILDING STANDARD TELEPHONE & ELECTRICAL OUTLETS AS NOTED WITH "N" SUBSCRIPT ON PLAN. PROVIDE 1 1/4" CONDUIT STUB–UP 6" ABOVE CEILING W/PULL WIRE FOR ALL NEW COMMUNICATION OUTLETS. TENANT TO PROVIDE TELEPHONE & COMPUTER
2 CABLES TO CODE REQUIREMENTS. ALL ELECTRICAL PHONE/ DATA OUTLETS SHOWN ON PLAN ARE EXISTING U.O.N.

ALL MODIFICATIONS AND ADDITIONS TO FIRE–LIFE SYSTEMS SHALL BE DEFERRED APPROVAL (DESIGN–BUILD). CONTRACTOR TO SUBMIT DRAWINGS AND CUT SHEETS AND MEET WITH UCLA FIRE DEPT. (310) 825–7220 FOR APPROVAL OF SMOKE DETECTORS, STROBES, SPRINKLERS, SPEAKERS EXIT SIGNS. SEE UCLA FIRE MARSHAL REQUIREMENT NOTES ABOVE. ALL FIRE LIFE SAFETY WORK MUST
3 BE PERFORMED BY SIMPLEX GRINNELL (714) 870–1010 JAMES LOOPER. STROBE TO BE WALL MOUNTED WHERE POSSIBLE. DEMO ANY EXISTING STROBES NOT NEEDED & PATCH WALL.

4 NO CORING TO BE DONE WITHOUT PRIOR NOTIFICATION & COORDINATION WITH THE OFFICE OF THE BUILDING. NO CORING THRU STRUCTURAL BEAMS. G.C. TO INCLUDE X–RAY OF SLAB FOR ALL CORES. ALL CORING TO BE DONE AFTER NORMAL BUSINESS HOURS.

5 SEE ELECTRICAL ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.

ALL NEW OUTLETS AND COVER PLATES SHALL MATCH BUILDING STANDARD, U.O.N.

6 ALL OUTLETS SHOWN ADJACENT TO EACH OTHER SHALL BE 6" APART O.C., U.O.N.

7 ALL ELECTRICAL OUTLETS / SWITCHES WITHIN 5'–0" OF A WATER SOURCE SHALL BE WITH G.F.I.

8 FURNITURE PROVIDED & INSTALLED BY TENANT, U.O.N.

POWER & COMMUNICATIONS PLAN KEYNOTES

E1 EXACT LOCATION OF NEW FURNITURE FEED TO BE VERIFIED IN FIELD WITH TENANT'S FURNITURE VENDOR. GC TO HOOK UP FURNITURE WIRE WHIP AFTER FURNITURE INSTALLATION.

E2 PROVIDE NEW TV OUTLETS FOR TENANT PROVIDED FLAT SCREEN TV. VERIFY EXACT LOCATION IN FIELD WITH TENANT.

E3 NEW FLUSH FLOOR MOUNTED POWER AND DATA TO BE VERIFIED IN FIELD WITH TENANT'S FURNITURE VENDOR.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	NEW 2'X2' FINELINE CEILING GRID AT 8'–6" AFF TO THROUGHOUT SUITE U.O.N. NEW 2'X2' ACOUSTIC CEILING TILES THROUGHOUT SUITE. NEW GRID TO MEET CURRENT SEISMIC CODE REQUIREMENTS. SEE DETAILS #1/D–2.0, # 2/D–2.0 AND #3/D–2.0. GRID: 2'–0" X 2'–0" USG DONN FINELINE DXF/DXLF NARROW 9/16" FACE WITH 1/4" REVEAL SUSPENDED CEILING SYSTEM. COLOR: WHITE. TILE: ARMSTRONG MILLENNIA CLIMAPLUS BEVELED TEGULAR. WHITE, 24" X 24"
	EXISTING PERIMETER HEAT PANEL TO REMAIN.
N	NEW BUILDING STANDARD 2'x4' LED LIGHT FIXTURE.
N	NEW BUILDING STANDARD 2'x2' LED LIGHT FIXTURE.
	EXISTING WALL MOUNTED SWITCH.
DIRECTIONAL ARROWS	EXISTING BUILDING STANDARD EXIT SIGN. SHOWN ILLUMINATED FACE.

AREA NOT IN CONTRACT

NOTE FOR ALL:

N = NEW

APPROVED
FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

REFLECTED CEILNG PLAN GENERAL NOTES

1 ALL MODIFICATIONS AND ADDITIONS TO FIRE–LIFE SYSTEMS SHALL BE DEFERRED APPROVAL (DESIGN–BUILD). CONTRACTOR TO SUBMIT DRAWINGS AND CUT SHEETS AND MEET WITH UCLA FIRE DEPT. (310) 825–7220 FOR APPROVAL OF SMOKE DETECTORS, STROBES, SPRINKLERS, SPEAKERS EXIT SIGNS. SEE UCLA FIRE MARSHAL REQUIREMENT NOTES ON SHEET A–2.0. STROBES TO BE WALL MOUNTED WHERE POSSIBLE. DEMO ANY EXISTING STROBES NOT NEEDED & PATCH WALL. ALL FIRE LIFE SAFETY WORK MUST BE PERFORMED BY SIMPLEX GRINNELL (714) 870–1010 JAMES LOOPER.

2 EXISTING 2'X2' SUSPENDED CEILING SYSTEM TO **BE NEW** THRU–OUT SUITE U.O.N. GENERAL CONTRACTOR TO WALK JOB SITE TO VERIFY EXISTING CEILING CONDITION AND EXISTING DUCT HEIGHTS PRIOR TO BID PRICING. PROVIDE NEW CEILING TILES THROUGHOUT SUITE. REPLACE MISSING & DAMAGED GRID TO MATCH EXISTING. CLEAN ALL HVAC GRILLES. EXISTING PERIMETER CEILING SYSTEM & HEAT PANELS ARE TO REMAIN U.O.N.

3 REWORK EXISTING HVAC & SPRINKLER SYSTEM AS REQUIRED IN REMODEL AREAS PER NEW WALL LAY–OUT & CURRENT CODE. SEE MECHANICAL ENGINEERING DRAWINGS FOR HVAC SCOPE. AIR BALANCE HVAC AT COMPLETION OF CONSTRUCTION. SPRINKLER DESIGN TO BE DEFERRED APPROVAL SEE FIRE MARSHALL REQUIREMENTS ON THIS SHEET.

4 ALL EXISTING SPRINKLERS, CEILING TILES, GRIDS AND FIXTURES TO REMAIN SHALL BE RESTORED TO WORKING ORDER AND CLEANED.

5 LIGHT FIXTURES ARE TO **BE NEW** THROUGHOUT SUITE U.O.N. **RE: 2/E-3.0.** REWORK EXISTING OR PROVIDE AND INSTALL NEW SWITCHES AS REQ'D IN NEW REMODEL AREAS. REWORK SWITCHING AND ELECTRICAL CIRCUITING AS REQUIRED IN NEW REMODEL AREAS. RELOCATE EXISTING OR PROVIDE & INSTALL NEW EXIT SIGNS AND EMERGENCY LIGHTS AS REQUIRED PER CODE. CLOSE ALL OPEN J–BOXES IN CEILING.

6 CONTRACTOR TO COORDINATE ELECTRICAL AND CEILING CONTRACTOR VERIFY THAT ADEQUATE DEPTH IS PROVIDED ABOVE CEILING TO ACCOMMODATE RECESSED LIGHTING FIXTURES. BEFORE PROCEEDING WITH WORK, ARCHITECT SHOULD BE NOTIFIED OF ANY OBSTRUCTIONS THAT WOULD INTERFERE WITH LIGHTING LAYOUT.

7 ALL LIGHT FIXTURES SHALL BE INSTALLED IN DEAD CENTER OF CEILING TILE, U.O.N.

8 CEILING EDGE METAL TO BE MITERED AT CORNERS.

9 REFER TO LEGEND AND PLAN FOR CEILING AND FIXTURE HEIGHTS, U.O.N.

10 SEE MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.

MAIO/GRODSKY
ARCHITECTURE - PLANNING - INTERIORS
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STAMP

LICENSED ARCHITECT
MIGUEL J. MAIO
C27023
RENEWAL 02-28-21
STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

REFLECTED CEILING PLAN AND POWER & COMMUNICATIONS PLAN

A-3.0

UNIVERSITY OF CALIFORNIA LOS ANGELES
BUILDING PERMIT

No Building or Structure on the property of the University of California Los Angeles shall be erected, constructed, enlarged, altered, repaired, moved, improved, removed, converted or demolished unless approval has first been obtained from the Campus Building Official, unless specifically exempted by the Building Official. No Building or Structure shall be occupied unless an occupancy permit has first been obtained from the Campus Building Official. Permission to Build or exemption from permission does not grant authorization for any work to be done in any manner in violation of provisions of the California Building Standards Code or other applicable laws or regulations.

(CBC Title 24 Appendix Chapter 1, paragraph 105.1)

UCLA INSPECTION RECORD

Do Not Conceal Work Until Signed by General and Speciality Inspectors

INSPECTORS FINALS

GENERAL: _____

HVAC: _____

ELECTRICAL: _____

PLUMBING: _____

REQUIRED SPECIAL INSPECTIONS			
INSPECTION	REQ'D IF CHECKED	INSPECTOR	DATE
SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION			
STRUCTURAL CONCRETE OVER 2500 PSI			
PRE-STRESSED CONCRETE			
POST TENSIONED CONCRETE			
FIELD WELDING			
HIGH STRENGTH BOLTS			
SPECIAL MASONRY			
APPLIED FIREPROOFING			
CHLORINATION			
FIRE MARSHAL INSPECTIONS			
INSPECTION	REQ'D IF CHECKED	INSPECTOR	DATE
FIRE ALARM ROUGH CONDUITS			
FIRE ALARM FINAL			
FIRESTOPPING OF SPRINKLER PIPING & ALARM CONDUITS			
RATED CONSTRUCTION			
EXIT SIGNS & LIGHTS			
FIRE SUPPRESSION SYSTEM			
SPECIAL EXTINGUISHING SYSTEM			
PRE ACTION			
KITCHENHOOD SYSTEM			
FIRE SPRINKLERS ROUGH			
FIRE SPRINKLERS			
SEISMIC BRACING			
PRESSURE TEST			
FIRE STAND PIPES			
DRY			
WET			
EMERGENCY EGRESS LIGHTING			
SYSTEMS SIGNAGE			

GENERAL INSPECTIONS				
PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DEMOLITION				
FOOTINGS, REINFORCEMENT				
CONCRETE WALLS AND COLUMNS				
WATERPROOFING				
SLAB ON GRADE, REINFORCEMENT				
STRUCTURAL SLAB, REINFORCEMENT				
STRUCTURAL STEEL				
SHEAR WALLS/ WOOD				
WALL FRAMING ROUGH				
BACKING PLATES				
FLOOR SHEETING				
ROOF SHEETING				
WEEP SCREED FLASHING				
INSULATION				
DRYWALL				
EXTERIOR LATH				
EXTERIOR STUCCO, SCRATCH,				
BROWN				
FINISH COAT				
MASONRY				
MASONRY REINFORCEMENT				
MASONRY GROUT				
CEILING SYSTEMS - GRID				
SEISMIC POSTS / WIRES				
SEISMIC POSTS / WIRES PULL TEST / TORQUE				
DEPUTY TESTINGS				
SEE "A" { SOILS				
CONCRETE				
STEEL				
WELDING & ANCHORAGE				

ELECTRICAL INSPECTION				
PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DEMO WALLS & CEILINGS				
COND. & RACEWAY				
FIRE PADS				
ACOUSTICAL PADS				
BUSWAYS				
CONDUCTORS				
HIGH VOLTAGE				
LOW VOLTAGE				
OUTLET & J-BOXES				
CEILINGS				
WALLS				
INT. PULL BOXES				
EXT. PULL BOXES				
CABINETS				
WIRING DEVICES				
PANEL BOARDS				
SWITCHES / DISC.				
STRAPS / HANGERS				
INSERTS				
RESTRAINING DEVICES				
SEISMIC RESTRAINTS				
UNIT SUBSTATION				
HIGH VOLT. EQUIP				
GROUNDING SYS.				
TRANSFORMERS				
HIGH VOLTAGE				
LOW VOLTAGE				
MAIN SW. GEAR				
MOTOR CONTROLS				
LIGHT FIXTURES				
LIGHTS				
PLUGS				
TELE. EQUIP.				
CONDUITS				
OUTLETS				
CONT. RELAY				
NAME PLATES				
WARNING SIGNS				
FINISH				
PLATES/COVERS				
COORDINATION STUDY				

PLUMBING INSPECTION				
PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
CHLORINATION				
DEMOLITION				
WASTE & VENTS				
UNDERGROUND				
ABOVE / ROUGH				
LABORATORY WASTE & VENTS				
STORM DRAINS				
ROOF DRAINS, OVERFLOWS				
DOM. H&C WATER				
D.I. WATER				
INSULATION				
PIPE SUPPORT				
SEISMIC				
MED. GASES				
OXYGEN				
NITROUS OXIDE				
MEDICAL AIR				
MEDICAL VACUUM				
SITE UTILITIES				
SEWER				
STORM DRAIN				
WATER MAIN				
OUTLETS / VALVES				
FIXTURES				
BACKING				
IDENTIFICATION OF PIPELINES				
FLOOR DRAINS / SINKS				
VALVE TAGS				
VALVE CHART				
FIRESTOPPING RATED FLOORS, WALLS				
NATURAL GAS				
LOW PRESSURE				
MEDIUM PRESSURE				
HANGER INSERTS				
ACCESS PANELS				
FLOW TEST				
FLUSH / FLOW				
DISINFECTION				
BELOW GROUND				
ABOVE GROUND				

HVAC INSPECTION				
PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DUCTS:				
DEMOLITION				
SUP. AIR				
RET. AIR				
EXH. AIR				
PIPING				
POINTS OF CONNECTION				
HTG. HOT WTR.				
CHILLED WTR.				
COND. WTR.				
DRAINS				
H.P. STEAM				
L.P.STEAM				
STEAM COND. RET.				
CONTROL AIR				
FIRE DAMPER WALL FRAMING				
FIRE DAMPERS				
VOLUME DAMPERS				
ACCESS DOORS				
RESTRAINING DEVICES (NON-SEISMIC)				
CEILING ACCESS				
AIR IN & OUTLETS				
BALANCE OF AIR				
BALANCE OF WATER				
ROOF FLASHINGS				
EQUIP. & PIPE				
EQUIP. BASES				
SEISMIC BRACING				
HANGER INSERTS				
PIPE/DUCT SUPPORTS				
INSULATION/LINING				
AUTO CONTROL				
PIPE ID & VALVE TAGS				
GRILLS, REGISTERS				
DUCT DETECTORS				

PROJECT INFORMATION

Project Name: UCLA WILSHIRE CENTER SUITE 620 RECONFIGURE

Project Number: # 20190409-1237-11 /CP1132

Building Name: WILSHIRE CENTER

Street Address / Location Description: 10920 WILSHIRE BLVD., LOS ANGELES, CALIFORNIA. 90024

Type of Improvement: RENOVATION

Occupancy Category: B Construction Type: I

Use: OFFICE

Approximate Construction Value: $ 450,000

Project Manager: CHRISTOPHER LEWIS, UCLA ASSET MANAGEMENT

Construction Manager: _____

Design Professionals:

Architect: MIGUEL MAIO

Structural Engineer: N/A

HVAC Engineer: KEVIN SMOLA, KEVIN SMOLA & ASSOCIATES

Plumbing Engineer: KEVIN SMOLA, KEVIN SMOLA & ASSOCIATES

Electrical Engineer: FARSHAD MEMARZIA, KSG CONSULTING ENGINEERS, INC.

Fire Protection Engineer: N/A

Other: N/A

APPROVALS

Pursuant to Section 4.1.2 of the University of California Facilities Manual and Chapter 1 of the California Building Code, permission of the Campus Building Official is hereby granted to proceed with construction of this work based on the approved construction documents, subject to all applicabl laws, regulations, policies and procedures.

Significant changes to the approved plans must be reviewed and approved by the Campus Building Official

A copy of this Building Permit and of approved plans and specifications shall be retained on the jobsite at all times until final inspection has been made.

Permit is valid only when signed and stamped by the Campus Building Official.

Energy Performance Certified and Approved on sheet: N/A

Environmental Impact Classification (EIC) Form Date: 10/04/19

APPROVED FOR AHJ PLAN CHECK ONLY OCT 16 2019 STATE FIRE MARSHAL SOUTHERN DIVISION

Fire Marshal _____ Date: _____

Accessibility: _____ Date: 10.16.19

Campus Building Official: _____ Date: 10.17.19

UCLA CAMPUS BUILDING OFFICIAL APPROVED OCT 17 2019 (22) Approval does not authorize or approve violations of or deviations from applicable codes or ordinances.

MAIO GRODSKY
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STAMP

LICENSED ARCHITECT MIGUEL J. MAIO C27933 10-28-21 STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
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UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

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DATE: 10/03/19	DRAWN BY: AK
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UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

BUILDING PERMIT

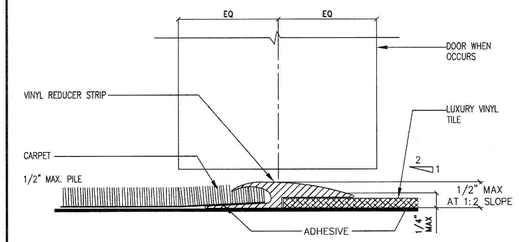
BP-0.1

RESEARCH REPORT NUMBERS:	AGENCY	NUMBER	DATE 02/28/17
1. FASTENERS: 'HILTI' POWDER DRIVEN FASTENERS:	ICC ESR	#1663	03/01/17
	LARR	#25646	04/01/16
2. STEEL STUDS, JOISTS & TRACKS, 'DIETRICH INDUSTRIES':	ICC ESR	#1166P	08/01/18
	LARR	#25889	02/01/18
3. SHORT SET AND AMMO, 'RAMSET':	ICC ESR	#1799	06/01/16
	LARR	#22668	09/01/16
4. TEKS SELF DRILLING SCREWS (FOR LIGHT GAGE MATERIALS),	ICC ESR	#2174	05/01/16
	LARR	#25638	12/01/16
5. CONCRETE ANCHORS, 'HILTI' KWIK BOLT TZ:	ICC ESR	#1917	05/01/18
	LARR	#25701	05/01/18
6. GYPSUM BOARD WALL ASSEMBLIES, 'GYPSUM ASSOCIATION':	ICC ESR	#1338	02/01/16
7. USG SHAFT WALL SYSTEMS WALL, CEILING & DUCT PROTECTION:	CSI	#09250	
	LARR	#02404	11/01/18

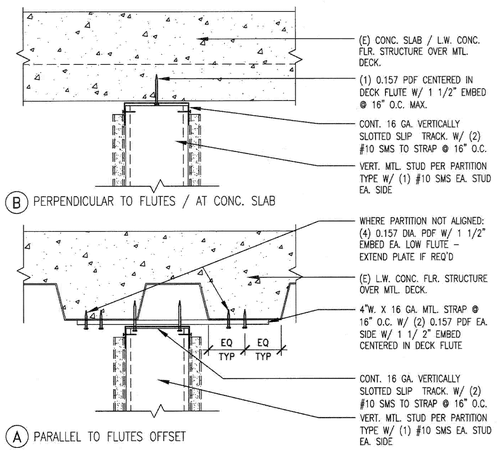
TYPICAL PARTITION NOTES:

8. ALL FIRE RATED PARTITIONS SHALL COMPLY WITH CBC, CHAPTER 7.
9. ALL FIRE RATED PARTITIONS SHALL BE FULLY SEALED AT TOP AND BOTTOM CONNECTIONS WITH CONTINUOUS FIRESTOP CAULKING.
10. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE FULLY SEALED AND FITTED WITH APPROPRIATELY SIZED FIRE DAMPERS.
11. ALL OPENINGS IN FIRERATED CORRIDOR WALLS SHALL BE FIRERATED ASSEMBLIES W/CLOSER.
12. ALL PARTITIONS TO BE FREE AND INDEPENDENT OF CEILING SUSPENSION SYSTEM, U.O.N.
13. USE 5/8" TYPE 'X' MOISTURE RESISTANT GYP. BD. WHERE CERAMIC TILE OCCURS.
14. WHERE RETURN AIR OPENINGS ARE REQUIRED IN PARTITION, INSTALL PROPERLY SIZED SOUND BOOTS.
15. INCREASE WALL STRENGTH AS NEEDED WHERE CABINETRY IS SUPPORTED BY WALL.
16. ALL INTERIOR NON SLAB TO SLAB PARTITIONS TO BE CROSS BRACED WITH KICKER STUDS FROM TOP OF PARTITION TO STRUCTURE ABOVE. KICKERS TO BE 2-1/2" X 25 GA. (MINIMUM) STUDS @ 45° OFF HORIZONTAL, 4'-0" O.C., ALTERNATE DIRECTIONS, U.O.N.
17. RUNNER TRACK: 20 GA MIN.
18. GP. BD. FASTENING: SELF DRILLING SPACING 8"O.C. HORIZONTAL INSTALLATION, 12"O.C. VERT. INST.
19. REFER TO GENERAL NOTES, SHEETS A0. SERIES FOR ADDITIONAL PARTITION AND CONSTRUCTION NOTES.

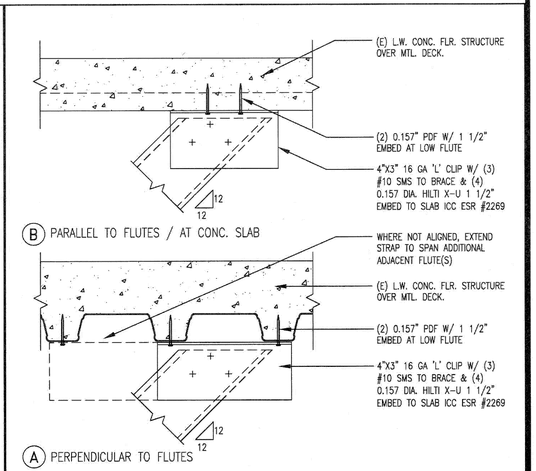
REPORT NUMBERS & TYPICAL PARTITION NOTES — Scale 3" = 1'-0" — 12



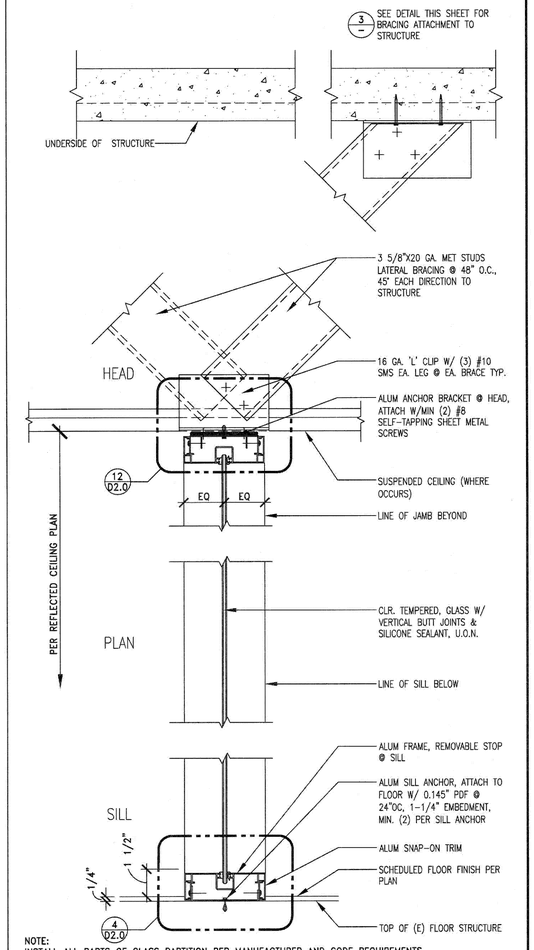
CARPET TO CONCRETE / LVT — Scale 3" = 1'-0" — 9



PARTITION @ CONC. / CONC. & DECK — Scale 3" = 1'-0" — 6

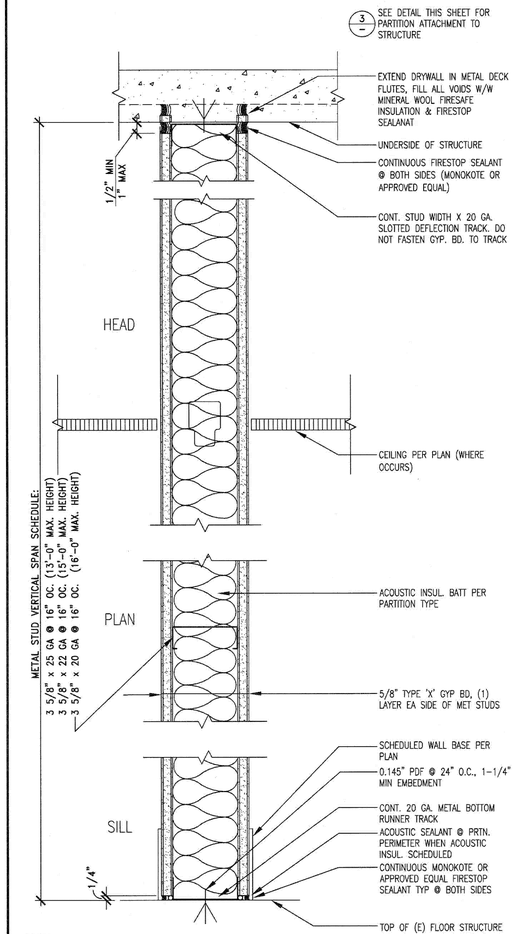


PARTITION BRACE @ CONC. / CONC & DECK — Scale 3" = 1'-0" — 3



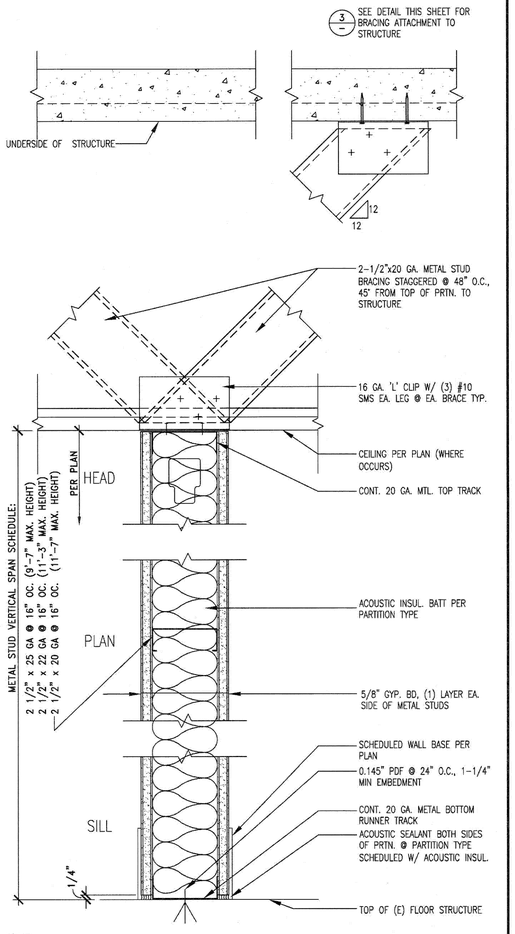
NOTE:
INSTALL ALL PARTS OF GLASS PARTITION PER MANUFACTURER AND CODE REQUIREMENTS

TYPE SL: CEILING HGT ALUM FRAME GLAZING — Scale 3" = 1'-0" — 10



NOTES:
1. INSTALL FIRE DAMPERS AS REQ'D AT ALL PENETRATING DUCT LOCATIONS
2. INSTALL SOUND BOOTS AT ALL PENETRATING AIR DUCT LOCATIONS
2. PROVIDE ACOUSTIC BATT INSUL AT ALL DEMISING / CORRIDOR LOCATIONS

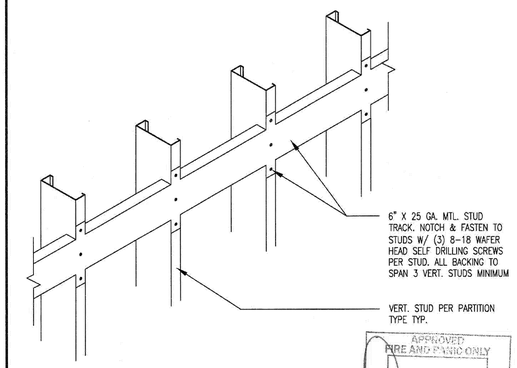
1 HR. FIRE RATED PARTITION — Scale 3" = 1'-0" — 7



NOTES:
1. SEE OTHER DRAWINGS FOR FINISH MATERIALS AND CEILING HEIGHTS.
2. PROVIDE BACKING @ WALL MTD. MILLWORK LOCATIONS. INCREASE STUD GA. AS NEEDED FOR STRENGTHENING

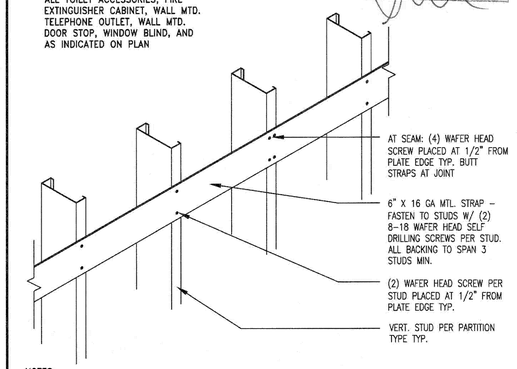
CEILING HEIGHT PARTITION — Scale 3"=1'-0" — 4

TYPE 1:
BASE CABINET, WALL HUNG CABINET, SHELVES, LAVATORY, GRAB BAR, ELECTRICAL PANEL, TELEVISION, SURFACE MOUNTED LIGHT FIXURES & AS SPECIFIED PER PLAN



APPROVED FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

TYPE 2:
ALL TOILET ACCESSORIES, FIRE EXTINGUISHER CABINET, WALL MTD. TELEPHONE OUTLET, WALL MTD. DOOR STOP, WINDOW BLIND, AND AS INDICATED ON PLAN



NOTES:
1. PARTN MTD HANDRAILS/GRAB BARS: PROVIDE BACKING SUPPORT @ EA. ATTACHMENT POINT, SPAN (3) STUDS MIN.
2. EXTEND BACKING PLATE TO LAST STUD BEYOND FACE OF FIXT. / ACCESSORY TYP.
3. PROVIDE METAL SLEVES THROUGH WALL FINISH AT FIXTURE FASTENINGS TYP.
4. PARTITION MOUNTED CASEWORK/EQUIP: PROVIDE BACKING CONTINUOUS FULL LENGTH OF EA. ASSEMBLY, SPAN (3) STUDS MIN, COORDINATE LOCATION W/ CASEWORK/EQUIPMENT SHOWN AT CONSTRUCTION OR POWER & COMMUNICATIONS PLANS & MANUFACTURER'S MOUNTING INSTRUCTIONS

-DWG

WALL BACKING AT MILLWORK / EQUIPMENT — Scale NTS — 1

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T | 310 804-5093

STAMP

LICENSED ARCHITECT MANUEL J. MAIO C27923 Renewal 02-28-21 STATE OF CALIFORNIA

REVISIONS

△	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
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UCLA

UCLA WILSHIRE CENTER

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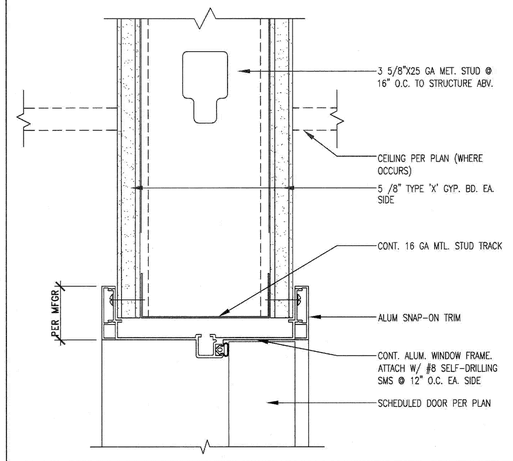
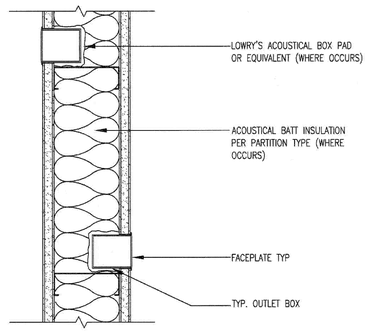
DETAILS

D-1.0



ALUM FRAME DOOR HEAD — Scale 6" = 1'-0" — 12

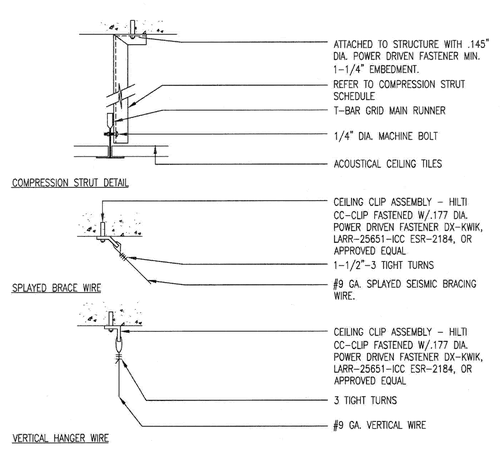


NOTES:

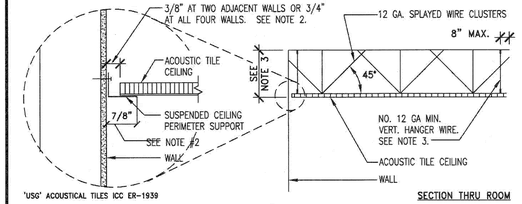
1. JUNCTION BOXES ON OPPOSITE SIDES OF SAME PARTITION SHALL BE LOCATED IN SEPARATE STUD SPACES.
2. BACK-TO-BACK OUTLETS NOT PERMITTED.
3. PLUG ALL UNUSED KNOCK-OUTS IN OUTLET BOXES WITH KNOCK-OUT CAPS.
4. PROVIDE BACKING EQUIVALENT TO "LOWRY'S" BOX PADS AT ALL BOXES IN ACOUSTICAL PARTITIONS.

A4.1.dwg

ELECTRICAL BOX DETAIL — Scale N.T.S. — 9



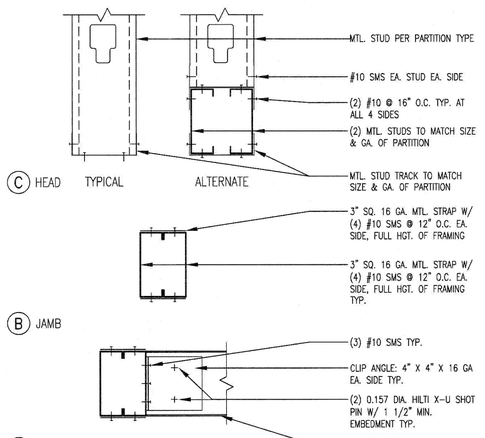
WIRE CONNECTION TO STRUCTRAL DECK — Scale N.T.S. — 6



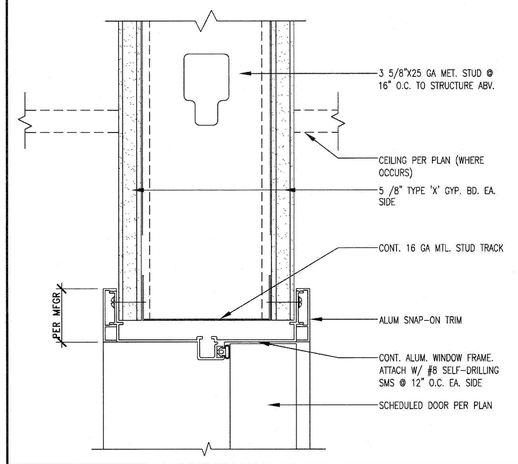
NOTES:

1. BRACING WIRES SECURED TO MAIN RUNNERS WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90 DEG. FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEG. FROM THE PLANE OF THE CEILING.
2. NOTE: PERIMETER MEMBERS: A MINIMUM WALL ANGLE SIZE OF AT LEAST A TWO INCH (51MM) HORIZONTAL LEG SHALL BE USED AT ALL PERIMETER WALLS AND INTERIOR FULL HEIGHT PARTITIONS. THE FIRST CEILING TILE SHALL MAINTAIN 3/4" (19MM) CLEAR FROM THE FINISH WALL SURFACE. AN EQUIVALENT ALTERNATIVE DETAIL THAT WILL PROVIDE SUFFICIENT MOVEMENT DUE TO ANTICIPATED LATERAL BUILDING DISPLACEMENT MAY BE USED IN LIEU OF THE LONG LEG ANGLE SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT OF BUILDING. APPLICATION: THIS PROVISION SHALL BE REQUIRED ONLY WHEN THE SPAN OF THE PROPOSED SUSPENDED CEILING SYSTEM BETWEEN PERIMETER WALLS EXCEEDS 25 FEE IN BOTH DIRECTIONS. PERIMETER WALLS SHALL BE CONSIDERED AS THOSE EXISTING/PROPOSED INTERIOR PARTITIONS THAT ARE LATERALLY BRACED AS REQUIRED BY CBC.
3. WHEN THE DISTANCE BETWEEN THE STRUCTURAL DECK AND THE CEILING EXCEEDS 4', THE SPACING OF THE VERTICAL HANGERS SHALL NOT EXCEED 2' O.C. ALONG THE ENTIRE LENGTH OF THE MEANS OF EGRESS SERVICING AN OCCUPANT LOAD OF 30 OR MORE, AND AT LOBBIES ACCESSORY TO GROUP 'A' OCCUPANCIES.

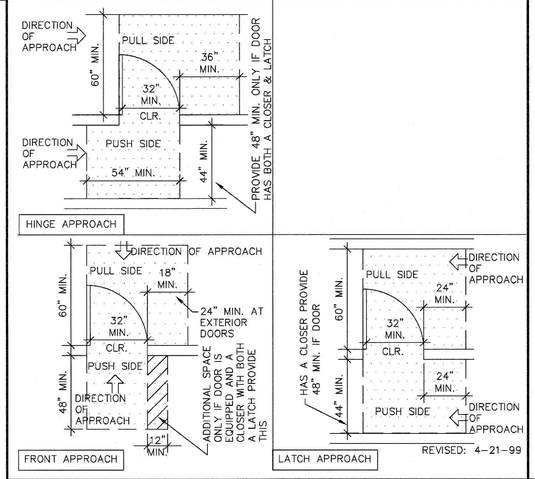
SUSPENDED ACOUSTICAL TILE CEILING — Scale N.T.S. — 3



TYP DOOR FRAMING ELEVATION & DETAILS — Scale NTS — 10



ALUM FRAME DOOR HEAD — Scale 6" = 1'-0" — 8



CLEAR FLOOR SPACE @ DOOR (SINGLE) — Scale N.T.S. — 5

COMPRESSION STRUT SCHEDULE	
SIZE	ALLOWABLE LENGTH (L)
1/2" DIAMETER EMT	L ≤ 4'-0"
3/4" DIAMETER EMT	L ≤ 6'-0"
1 1/4" DIAMETER EMT	L ≤ 8'-0"
DOUBLE METAL STUDS WITH MINIMUM 2 SCREWS AT EACH END	8'-0" < L ≤ 12'-0"
L > 12'-0": PROVIDE STRUCTURAL DESIGN CALCULATIONS	

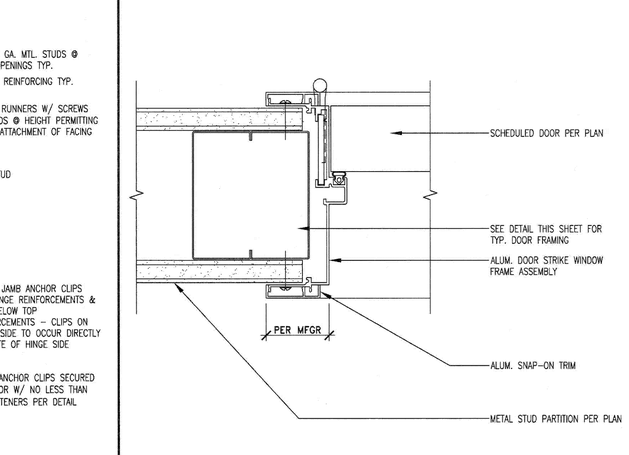
T16.5:NOTES:

TZ;

T14.63;1. LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MIN. OF 6" FROM ALL HORIZONTAL PIPING OF DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

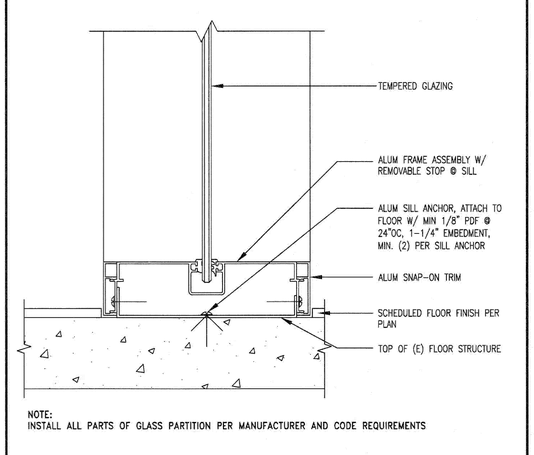
2. STRUTS OTHER THAN THE ONES LISTED ABOVE MAY BE USED WITH AN EVALUATION REPORT BY ICBO OR OTHER NATIONALLY ACCREDITED TESTING LABORATORY.

COMPRESSION STRUT NOTES — Scale — 2



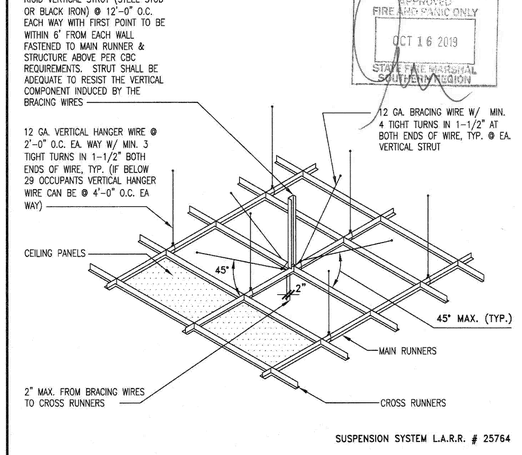
TYP DOOR FRAMING ELEVATION & DETAILS — Scale NTS — 10

ALUM. DOOR JAMB — Scale 6" = 1'-0" — 7



NOTE:
INSTALL ALL PARTS OF GLASS PARTITION PER MANUFACTURER AND CODE REQUIREMENTS

ALUM. FRAME WINDOW SILL — Scale 6" = 1'-0" — 4



SUSPENSION SYSTEM L.A.R.R. # 25764

TYPICAL SUSPENDED CEILING SUPPORT — Scale N.T.S. — 1

MAIO/GRODSKY
ARCHITECTURE - PLANNING - INTERIORS
15206 VENTURA BLVD. SUITE 201, SHERMAN OAKS, CA 90403
T | 310 804-5093
T | 310 804-5027

STAMP

LICENSED ARCHITECT MICHAEL J. MAIO C27923 RENEWAL 02-28-21 STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/20/19	ISSUED FOR ENGINEERING
	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

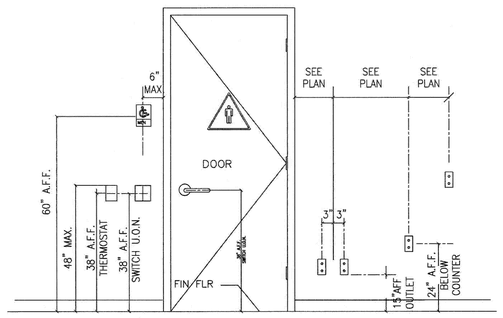
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

DETAILS

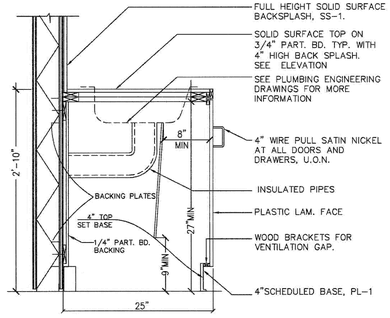
D-2.0



NOTE:

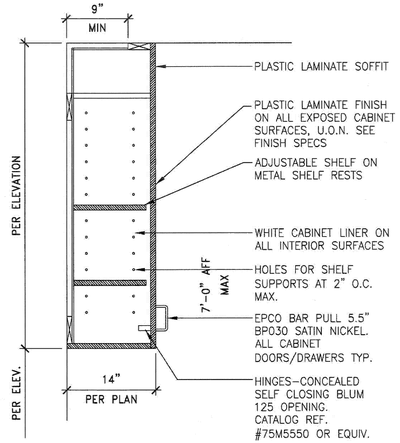
1. ALL DIMENSIONS ARE TO CENTER LINE OF FACE PLATE
2. THIS DETAIL IS TO SHOW MINIMUM AND MAXIMUM ALLOWABLE HEIGHTS. SEE INTERIOR ELEVATIONS FOR ANY ADDITIONAL INFORMATION AND DIMENSIONS.
3. PROVIDE HANDICAP SYMBOL.PROVIDE NAME RAISED LETTERS AT 1/32" HIGH, TYPE II BRAILLE.

POWER & COMMUNICATION SIGN /SWITCH HEIGHTS — Scale 3" = 1'-0" — 12

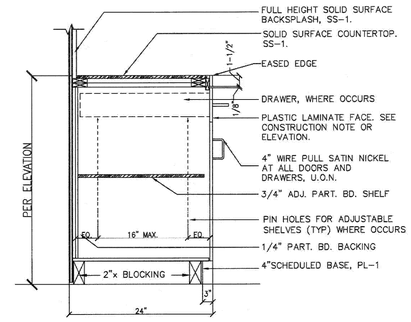


NOTE:
1. PROVIDE CONCEALED CABINET HINGES 'ACCURIDE' DRAWER SLIDES.
2. PROVIDE WHITE MELAMINE LINER ON ALL INTERIOR SURFACES.

SINK CABINET WITH DOORS — Scale 1" = 1'-0" — 9

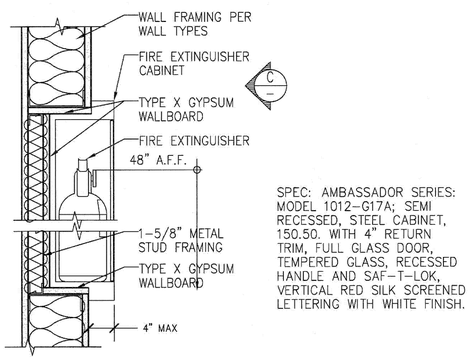


UPPER CABINET SECTION — Scale 1" = 1'-0" — 6



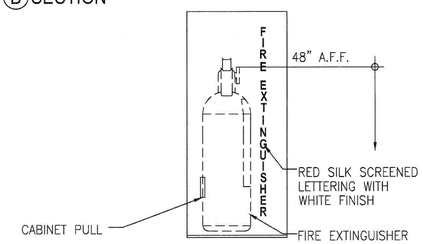
NOTE:
1. PROVIDE CONCEALED CABINET HINGES 'ACCURIDE' DRAWER SLIDES.
2. PROVIDE WHITE MELAMINE LINER ON ALL INTERIOR SURFACES.

LOWER CABINET SECTION — Scale 1" = 1'-0" — 3

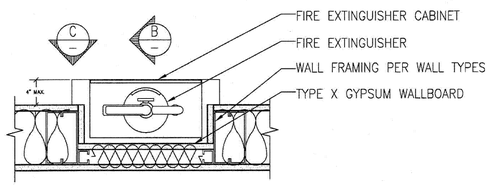


SPEC: AMBASSADOR SERIES: MODEL 1012-G17A; SEMI RECESSED, STEEL CABINET, 150.50. WITH 4" RETURN TRIM, FULL GLASS DOOR, TEMPERED GLASS, RECESSED HANDLE AND SAF-T-LOK, VERTICAL RED SILK SCREENED LETTERING WITH WHITE FINISH.

(B) SECTION

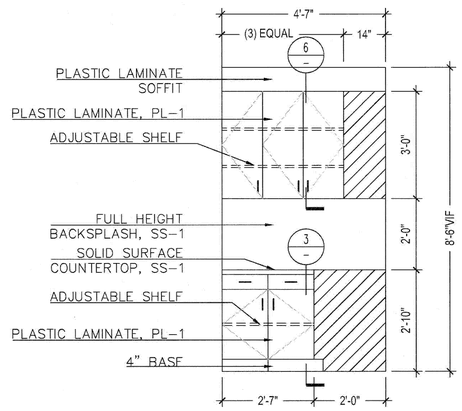


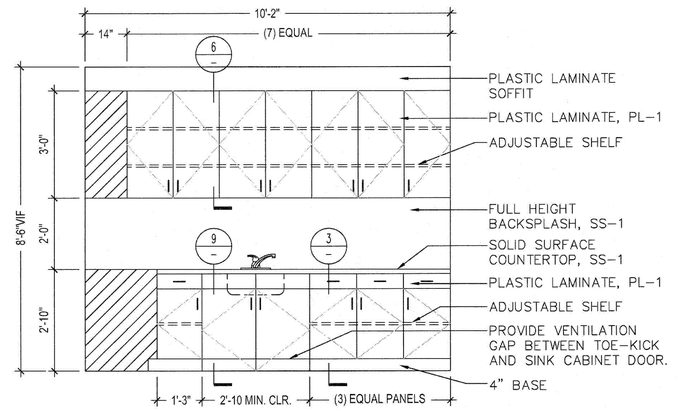
(C) ELEVATION



(A) PLAN

SEMI-RECESSED FIRE EXTINGUISHER CABINET — Scale 3" = 1'-0" — 10





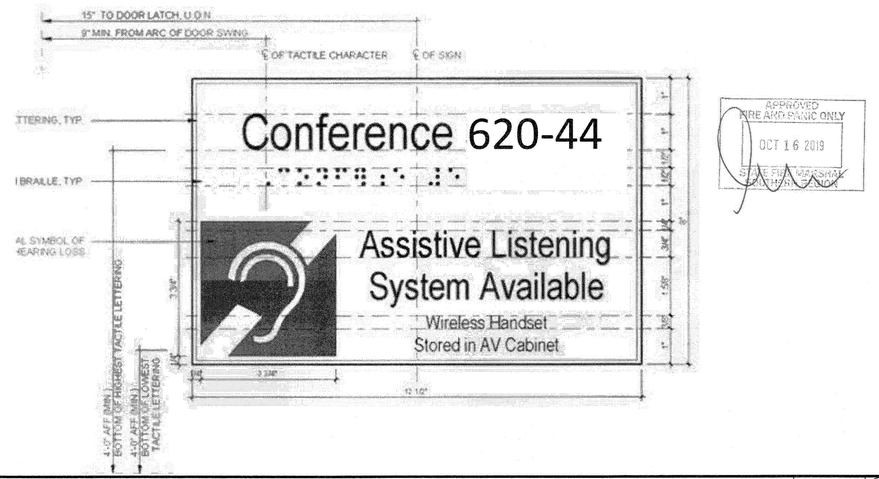
MILLWORK ELEVATION AT OPEN AREA 710 — Scale 1/2" = 1'-0" — 2

CONFERENCE ROOM 620-44: 16 OCCUPANTS
CONFERENCE ROOM 620-24: 9 OCCUPANTS
CONFERENCE ROOM 620-22: 9 OCCUPANTS
TOTAL: 34 OCCUPANTS

34 x A/100 = 1.36 OR 2 REQUIRED
MIN 2 RECEIVERS

MUST BE HEARING AIDE COMPATABLE
IN ACCORDANCE WITH 11B-706.3

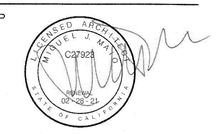
ALS CALCULATION — 7



ASSISTIVE LISTENING SYSTEM SIGNAGE — Scale 6" = 1'-0" — 1

MAIO/GRODSKY
ARCHITECTURE - PLANNING - INTERIORS
15206 VENTURA BLVD. SUITE 201, SHERMAN OAKS, CA 90403
T | 310 804-5027
T | 310 804-5093

STAMP



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	10/09/19	ISSUED FOR CP OTC PLAN CHECK
	10/16/19	ISSUED FOR CP OTC PLAN CHECK CORRECTIONS

UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/03/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

INTERIOR ELEVATIONS AND DETAILS

D-3.0

ABBREVIATIONS

AC	ALTERNATING CURRENT
AC	AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY SYMM
A	AMPERE
AMP	AMPERE
ANN	FIRE ALARM ANNUNCIATOR
ATS	AUTOMATIC TRANSFER SWITCH
BATT	BATTERY
BLDG	BUILDING
BRKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CIR	CIRCUIT
CKT	CIRCUIT
CO	CONDUIT ONLY WITH PULLWIRE
COM	COMMON
COMM	COMMUNICATION
CONN	CONNECT
CONT	CONTINUE
CR	CONTROLLED RECEPTACLE
CT	CURRENT TRANSFORMER
CU	COPPER
DB	DIRECT BURIED
DEF	DUAL ELEMENT FUSE
DISC	DISCONNECT
DN	DOWN
DPDT	DOUBLE-POLE DOUBLE-THROW
DPST	DOUBLE-POLE SINGLE-THROW
EM	EMERGENCY
EMER	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EOL	END OF LINE
EQUIP	EQUIPMENT
EX	EXISTING
EXIST	EXISTING
F	FUSE
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPERES
FLEX	FLEXIBLE METALLIC TUBING
G	GROUND
GRD	GROUND
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HOA	HAND-OFF-AUTO SWITCH
HP	HORSEPOWER
HZ	HERTZ
IC	INTERRUPTING CAPACITY IN AMPS RMS
IG	ISOLATED GROUND
J	JUNCTION BOX
JB	JUNCTION BOX
J-BOX	JUNCTION BOX
K	KILO
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
KW	KILOWATT
KWH	KILOWATT-HOUR
KVAR	KILOVAR
LCL	LONG CONTINUOUS LOAD
LRA	LOCKED ROTOR AMP
LTG	LIGHTING
M	MAGNETIC STARTER COIL
M	MOTOR
M	METER
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILS
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
N	NEUTRAL
NEUT	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NF	NONFUSED
NTS	NOT TO SCALE
2P	2 POLE, SIMILAR FOR OTHER QTY
PB	PULLBOX
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PWR	POWER
ø PH	PHASE
RE	EXISTING TO BE RELOCATED.
SCA	SHORT CIRCUIT AMPS
SQ FT	SQUARE FEET
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TC	TIME CLOCK
TEL	TELEPHONE
TEMP	TEMPORARY
XFMR	TRANSFORMER
TFMR	TRANSFORMER
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SYSTEM
VFD	VARIABLE FREQUENCY DRIVE
WP	WEATHERPROOF
WT	WATERTIGHT

SYMBOLS

VOICE/DATA COMMUNICATION

FLOOR	CEILING	WALL	
		W	TELEPHONE OUTLET, 1" CONDUIT TO THE CLOSEST TELEPHONE TERMINAL POINT WITHOUT INTERMEDIATE BOXES. 'W' INDICATES WALL MOUNTED @ +48".
		W	DATA OUTLET, 1" CONDUIT TO THE CLOSEST TELEPHONE TERMINAL POINT WITHOUT INTERMEDIATE BOXES. 'W' INDICATES WALL MOUNTED @ +48".
		W	TEL/DATA OUTLET, 1" CONDUIT TO THE CLOSEST TELEPHONE TERMINAL POINT WITHOUT INTERMEDIATE BOXES. 'W' INDICATES WALL MOUNTED @ +48".
		HT	SYSTEM FURNITURE TEL / DATA FEED, REFER TO DETAILS FOR RACEWAY REQUIREMENTS
	—T—		1" VOICE/DATA COMMUNICATION CONDUIT ONLY.
	—T/—		1¼" VOICE/DATA COMMUNICATION CONDUIT ONLY.
	—T/#—		1½" VOICE/DATA COMMUNICATION CONDUIT ONLY.
	—T/##—		2" VOICE/DATA COMMUNICATION CONDUIT ONLY.

LIGHTING

FLOOR	CEILING	WALL	
			FIXTURE, AS INDICATED BY FIXTURE TYPE. PROVIDE MAXIMUM 6' FLEXIBLE CONDUIT CONNECTION TO LAY-IN TYPE.
			FIXTURE ON STAND-BY POWER, AS INDICATED BY FIXTURE TYPE.
			SURFACE MOUNTED LIGHTING FIXTURE AS INDICATED BY FIXTURE TYPE.
			SURFACE MOUNTED FIXTURE ON STAND-BY POWER.
			RECESSED MOUNTED LIGHTING FIXTURE.
			EXIT SIGN; SHADED PORTION INDICATES ILLUMINATED FACE. DIRECTIONAL ARROWS AS INDICATED ON PLANS.
		R	RELOCATED EXISTING EXIT SIGN; SHADED PORTION INDICATES ILLUMINATED FACE. DIRECTIONAL ARROWS AS INDICATED ON PLANS.
			EXIT SIGN; SHADED PORTION INDICATES ILLUMINATED FACE. DIRECTIONAL ARROWS AS INDICATED ON PLANS. PROVIDE MASTER/SLAVE HIGH AND LOW LEVEL EXIT SIGNS WHEREVER AN EXIT SIGN IS INDICATED ON PLANS.

SWITCHING

FLOOR	CEILING	WALL	
		S_X	SWITCH, +42" UON. SUBSCRIPT INDICATES: X=NONE – SINGLE POLE X=3 – THREE WAY X=a,b,c – OUTLET CONTROLLED X=2 – DOUBLE POLE X=PK – KEY OPERATED WITH PILOT LIGHT X=R – MOMENTARY RELAY ON/OFF
		S_{ab}	2-SINGLE POLE SWITCHES, UNDER COMMON PLATE, +42" UON.
		S_{abc}	3-SINGLE POLE SWITCHES, ETC, UNDER COMMON PLATE,+42" UON.
		H_{600}	DIMMER WITH INTEGRAL SWITCH, +42" U.O.N. '600' INDICATES RATING IN WATTS
		H_a	ROOM TYPE OCCUPANCY SENSOR, ARROW INDICATES DIRECTION, SUBSCRIPT INDICATES SWITCH LEG OR CIRCUIT TO BE CONTROLLED.
			ROOM TYPE OCCUPANCY SENSOR, ARROWS INDICATE DIRECTION, SUBSCRIPT INDICATES SWITCH LEG OR CIRCUIT TO BE CONTROLLED.
			CORRIDOR TYPE OCCUPANCY SENSOR, ARROWS INDICATE DIRECTION, SUBSCRIPT INDICATES SWITCH LEG OR CIRCUIT TO BE CONTROLLED.
			PUSH BUTTON SWITCH, +42" UON.
		X	LIGHTING CONTROL STATION WITH ON/OFF AND RAISE/LOWER DIMMING.

NUMBER OF WIRES AND CONDUIT SIZE

3 — 3#12,¾"C	8 — 2#8,1#10,¾"C
4 — 4#12,¾"C	8 — 3#8,1#10,¾"C
5 — 5#12,¾"C	8 — 4#8,1#10,1"C
6 — 6#12,¾"C	8 — 5#8,1#10,1"C
7 — 7#12,¾"C	8 — 6#8,1#10,1"C
8 — 8#12,¾"C	8 — 7#8,1#10,1¼"C
9 — 9#12,¾"C	8 — 8#8,1#10,1¼"C
10 — 3#10,¾"C	6 — 2#6,1#10,¾"C
10 — 4#10,¾"C	6 — 3#6,1#10,1"C
10 — 5#10,¾"C	6 — 4#6,1#10,1"C
10 — 6#10,¾"C	6 — 5#6,1#10,1"C
10 — 7#10,¾"C	6 — 6#6,1#10,1¼"C
10 — 8#10,1"C	6 — 7#6,1#10,1¼"C
10 — 9#10,1"C	6 — 8#6,1#10,1¼"C

NOTE: CONDUIT SIZES ARE MINIMUM. PROVIDE EQUIPMENT GROUND (NOT INDICATED IN WIRE HATCH COUNT). FOR ISOLATED GROUND DEVICES INCLUDE ADDITIONAL ISOLATED GROUND CONDUCTOR.

AUDIO / VISUAL SYSTEM

FLOOR	CEILING	WALL	
			RECEIVER OUTLET, PROVIDE 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE.
			SPEAKER BACK BOX, COORDINATE SIZE WITH SYSTEM SUPPLIER. PROVIDE RACEWAY BETWEEN DEVICES AND TERMINATE IN TELEPHONE ROOM. 1/2" CONDUIT MIN.
			MICROPHONE OUTLET; FLOOR UNIT IN FLOOR BOX WALL UNIT MOUNTED @ +42".
			VOLUME CONTROL, MOUNTED @ +42".
	—AV—		1" CONDUIT ONLY FOR AUDIO / VIDEO
	—AV/—		1¼" CONDUIT ONLY FOR AUDIO / VIDEO
	—AV/#—		1½" CONDUIT ONLY FOR AUDIO / VIDEO
	—AV/##—		2" CONDUIT ONLY FOR AUDIO / VIDEO

POWER

FLOOR	CEILING	WALL	
			DUPLEX RECEPTACLE, 5-20R UON
CR	CR	CR	DUPLEX CONTROLLED RECEPTACLE, 5-20R UON. CONTROLLED RECEPTACLE TO BE LABELED "CONTROLLED".
			QUADRUPLEX RECEPTACLE, 5-20R UON
CR	CR	CR	QUADRUPLEX RECEPTACLE WITH ONE CONTROLLED DUPLEX AND ONE CONSTANT HOT DUPLEX, 5-20R UON. CONTROLLED RECEPTACLE TO BE LABELED "CONTROLLED".
			THREE PHASE RECEPTACLE
X	X	X	SPECIAL RECEPTACLE, REFER TO SPECIAL RECEPTACLE SCHEDULE, THIS SHEET
X	X	X	QUADRUPLEX SPECIAL RECEPTACLE, REFER TO SPECIAL RECEPTACLE SCHEDULE, THIS SHEET
			DUPLEX ISOLATED GROUND WITH DEDICATED GREEN/YELLOW CONDUCTOR BACK TO ISOLATED GROUND BUS AT PANEL. 5-20R UON.
			QUADRUPLEX ISOLATED GROUND WITH DEDICATED GREEN/YELLOW CONDUCTOR BACK TO ISOLATED GROUND BUS AT PANEL. 5-20R UON.
			CLOCK RECEPTACLE. 5-20R UON.
		J	JUNCTION BOX 4" SQUARE MINIMUM FOR WALL OR CEILING MOUNTED
	J	J	JUNCTION BOX SIZE AS REQUIRED FOR NUMBER OF WIRES
P	P	P	SYSTEM FURNITURE POWER FEED. REFER TO DETAILS FOR ADDITIONAL INFORMATION.

SPECIAL RECEPTACLE SCHEDULE

LETTER	RATING	NEMA	
A	125V,1ø,30A,2P,3W	5-30R	WITH 5-30P PLUG
B	125V,1ø,50A,2P,3W	5-50R	WITH 5-50P PLUG
CR			CONTROLLED RECEPTACLE
D	125/250V,1ø,20A,3P,4W	14-20R	WITH 14-20P PLUG
F	125/250V,1ø,30A,3P,4W	14-30R	WITH 14-30P PLUG
GFI	125V,1ø,20A,2P,3W	5-20R	GROUND FAULT INTERRUPTING
H			
J	250V,1ø,20A,2P,3W	6-20R	WITH 6-20P PLUG
K	250V,1ø,30A,2P,3W	6-30R	WITH 6-30P PLUG
L			'L' INDICATES ASSOCIATED RECEPTACLE IS LOCKING TYPE, PROVIDE MATCHING PLUG FOR EACH RECEPTACLE.
M	250V,1ø,50A,2P,3W	6-50R	WITH 6-50P PLUG
N	250V,3ø,20A,3P,4W	15-20R	WITH 15-20P PLUG
P	250V,3ø,30A,3P,4W	15-30R	WITH 15-30P PLUG
R	250V,3ø,50A,3P,4W	15-50R	WITH 15-50P PLUG
S	480V,3ø,30A,3P,4W	L16-30R	WITH L12-30P PLUG
T	125V,1ø,20A,2P,3W	5-20R	ISOLATED GROUND WITH INTEGRAL TRANSIENT SUPPRESSOR AND DEDICATED GREEN/YELLOW CONDUCTOR BACK TO GROUND BUS AT PANEL.

NOTE: NUMBER OF WIRES INCLUDES GROUND.

REMODEL

TYPICAL SYMBOL DESIGNATION FOR:

- EXISTING, DEVICES, FIXTURES AND EQUIPMENT TO REMAIN
- EXISTING, DEVICES, FIXTURES AND EQUIPMENT TO BE REMOVED
- NEW, DEVICES, FIXTURES AND EQUIPMENT

WIRING

- HOMERUN TO PANELBOARD, CABINET OR TERMINAL BOARD AS INDICATED.
- HOMERUN TO SWITCHBOARD OR MCC AS INDICATED. REFER TO SINGLE LINE FOR CONDUIT AND WIRE SIZES.
- HOMERUN TO PANEL VIA INDICATED RELAY PANEL. REFER TO RELAY SCHEDULE FOR ADDITIONAL INFORMATION.
- CONDUIT END CAP. PROVIDE MARKER TO UNDERGROUND CONDUITS
- CONDUIT DOWN
- CONDUIT UP
- CONDUIT RUN EXPOSED, PARALLEL WITH STRUCTURE
- CONDUIT RUN UNDERGROUND OR BELOW FLOOR.
- CONDUIT CONCEALED IN WALL OR CEILING.

SINGLE LINE DIAGRAM

- TRANSFORMER, AS NOTED ON SINGLE LINE
- LOW VOLTAGE CIRCUIT BREAKER, 3P UON
- LOW VOLTAGE CIRCUIT BREAKER WITH GROUND FAULT RELAY AND SHUNT TRIP.
- NON-FUSED DISCONNECT SWITCH, 30A,3P UON
- FUSED DISCONNECT SWITCH, 3P UON
- DRAW-OUT MEDIUM-VOLTAGE CIRCUIT BREAKER
- DEMAND TYPE KWH METER
- KIRK-KEY INTERLOCK BETWEEN DEVICES
- TRANSFER SWITCH NOTED ATS WHEN AUTOMATIC
- CURRENT TRANSFER, RATIO AS NOTED
- AMMETER
- ELECTRONIC METER, CUTLER HAMMER IQ ANALYZER CAT. NO. IQA6430, UON.
- GROUND

GENERAL ELECTRICAL SYMBOLS

- DISCONNECT SWITCH, 30 AMP MINIMUM UON
- COMBINATION DISCONNECT SWITCH AND MOTOR STARTER
- SURFACE MOUNTED MISCELLANEOUS CABINET AS INDICATED ON PLANS
- FLUSH MOUNTED MISCELLANEOUS CABINET AS INDICATED ON PLANS
- SURFACE MOUNTED PANELBOARD
- FLUSH MOUNTED PANELBOARD
- SWITCHBOARD
- MULTIPLE COMPARTMENT FLOOR BOX
- EXISTING EQUIPMENT/RACEWAYS TO REMAIN
- EXISTING EQUIPMENT/RACEWAYS TO BE REMOVED
- NEW EQUIPMENT/RACEWAYS
- SH1A — ELECTRICAL EQUIPMENT DESIGNATED 'SH1A'
- A/1 — SEE NOTE A OR 1 ON THE SAME SHEET
- F1/100 — LIGHTING FIXTURE DESIGNATION F1 = TYPE, 100 = FIXTURE WATTAGE
- AH/1 — MECHANICAL EQUIPMENT DESIGNATED 'AH-1'
- 113 — EQUIPMENT NAME OR NUMBER
- +4'-6" — MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE OF OUTLET OR EQUIPMENT
- MH=4'-6" — MOUNTING HEIGHT FROM FINISHED FLOOR TO BOTTOM OF OUTLET OR EQUIPMENT

DRAWING LIST

GENERAL NOTES

A. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. TOWARD THIS END FURNISH ALL LABOR AND TOOLS NECESSARY AND FURNISH AND INSTALL ALL APPARATUS, MATERIALS, AND EQUIPMENT IN A FASHION COMPLYING WITH ALL APPLICABLE CODES, INCLUDING ITEMS REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS AND HARDWARE.

B. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS, TESTING, START-UP, TRAINING AND PROJECT CLOSEOUT.

C. PROCURE ALL PERMITS FROM LEGALLY CONSTITUTED AUTHORITIES, ARRANGE FOR ALL INSPECTIONS AND PAY ALL COSTS FOR FEES AND TESTS IN CONNECTION THEREWITH.

D. ALL WORK SHALL COMPLY WITH THE 2016 CALIFORNIA ELECTRICAL CODE BASED UPON THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES. WHERE THE PLANS SHOW MORE RESTRICTIVE REQUIREMENTS, THE PLANS SHALL GOVERN BUT NOTHING ON THESE PLANS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.

E. ALL ELECTRICAL EQUIPMENT SHALL BE UL APPROVED.

F. PROVIDE A CODE APPROVED DISCONNECT SWITCH OR BREAKER WITHIN SIGHT OF EVERY MOTOR. FOR LOCATION OF DISCONNECT SWITCH, COORDINATE WITH DIVISION 15 CONTRACTOR TO DETERMINE THE BEST LOCATION ON SITE TO SUIT THE PURPOSE WHILE REMAINING ACCESSIBLE.

G. THE ELECTRICAL CONTRACTOR SHALL REVIEW DIVISION 23 DRAWINGS AND SPECIFICATIONS FOR THEIR SCOPE OF SUPPLY AND INSTALLATION AND SHALL COORDINATE WITH THE GENERAL CONTRACTOR IN ORDER TO PROVIDE A FINAL PRODUCT WHICH IS COMPLETE AND FUNCTIONAL. WIRING AND CONDUIT FOR CONTROL SHALL BE BY DIVISION 23 CONTRACTOR. MOTOR CONTROL CENTER SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY CONTACTS FOR THE CONTROL FUNCTION AS INTENDED. REFER TO THE DIVISION 23 PLANS FOR WIRING DIAGRAMS.

H. MOTOR HP RATINGS AND ENCLOSURES SHOWN ARE WHAT IS EXPECTED. THIS INFORMATION IS FOR GUIDANCE ONLY AND DOES NOT LIMIT THE EQUIPMENT SIZE. VERIFY WITH THE SUPPLIERS OF EQUIPMENT FOR MOTOR SIZES, VOLTAGE AND PHASE. NOTIFY THE ENGINEER WHEN MOTOR FURNISHED SIGNIFICANTLY DIFFERS FROM THE EXPECTED RATING INDICATED. MAKE THE NECESSARY ADJUSTMENTS TO WIRING, CONDUIT, DISCONNECT SWITCH, MOTOR STARTER, AND OTHER AFFECTED DEVICES AND MATERIAL TO ACCOMMODATE MOTORS ACTUALLY INSTALLED.

I. COORDINATE ROUTING OF FEEDERS AND HOMERUNS IN COOPERATION WITH OTHER TRADES TO SIMPLIFY INSTALLATION.

J. DO NOT PENETRATE STRUCTURAL ITEMS WITHOUT PRIOR APPROVAL OF STRUCTURAL ENGINEER.

K. INSTALL EXPOSED CONDUITS PARALLEL AND AT RIGHT ANGLES TO NEARBY SURFACES AND STRUCTURAL MEMBERS.

L. ALL CONDUCTORS SHALL BE COPPER, TYPE 'THWN/THHN' 75 DEGREE INSULATION. ALL LUGS SHALL BE 75 DEGREE RATED, MINIMUM.

M. USE OF NONMETALLIC SHEATHED CABLE (NM OR NMC), ARMORED CABLE (AC) OR METAL CLAD CABLE (MC) IS NOT ALLOWED.

N. USE OF FLEX IS NOT ALLOWED EXCEPT FOR LENGTHS UP TO 6 FEET FOR FINAL CONNECTION TO LIGHTING FIXTURES OR VIBRATING EQUIPMENT.

O. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE AND OTHER CEILING MOUNTED DEVICE LOCATIONS AND TRIM REQUIREMENTS.

P. MOUNT ALL ELECTRICAL, TELEPHONE AND DATA OUTLETS VERTICALLY 18" ABOVE FINISHED FLOOR TO CENTERLINE OF OUTLETS UNLESS OTHERWISE NOTED. VERIFY OUTLET HEIGHT ON EACH WALL WITH THE ARCHITECTURAL DRAWINGS.

Q. INSTALL GREEN INSULATED COPPER GROUNDING CONDUCTOR AND CONNECT TO EACH OUTLET, ENCLOSURE, DEVICE, FIXTURE, ETC. THE RACEWAYS SHALL NOT BE RELIED UPON FOR 'EQUIPMENT GROUNDING'.

R. PROVIDE BARRIER BETWEEN NORMAL AND EMERGENCY POWER WHEN INSTALLED IN THE SAME ENCLOSURE.

S. LABEL RECEPTACLES, J-BOXES, DISCONNECT SWITCHES AND CONTROL DEVICES WITH THEIR SERVING CIRCUIT NUMBERS.

T. GANG DEVICES OCCURRING IN THE SAME LOCATION. SET DEVICES NOT GANGED IN THE SAME PLATE AT THE SAME HEIGHT WITH EQUAL SPACING BETWEEN EACH PLATE.

U. COORDINATE THE WORK OF DIVISION 26 WITH OTHER TRADES, NOT LIMITED TO AUDIO-VISUAL, SECURITY, AND INFORMATION SERVICES FOR SCOPE OF SUPPLY AND SERVICE.

V. PROVIDE FIRE STOPPING AT ALL CONDUIT PENETRATIONS OF CEILINGS AND RATED WALLS.

W. SUPPORT THE LIGHT FIXTURES AND CEILING MOUNTED DEVICES TO THE STRUCTURAL MEMBERS INDEPENDENT OF THE T-BAR CEILING. INSTALL TWO GUIDE WIRES TO THE OPPOSITE CORNERS FOR 2X2, 2X4, OR 1X4 FLUORESCENT FIXTURES. INSTALL ONE GUIDE WIRE TO DOWNLIGHTS, EXIT SIGNS, SPEAKERS, AND FIRE ALARM DEVICES. INSTALL TWO SUPPLEMENTARY SAFETY CHAINS FOR PENDANT MOUNTED FIXTURES.

X. FIRE PROTECTION DEVICES SHALL BE APPROVED BY FIRE MARSHALL PRIOR TO INSTALLATION. CONTRACTOR SHALL OBTAIN SUCH APPROVAL FROM THE CITY FIRE MARSHALL.

Y. NO SPLICING OF FEEDERS OR BRANCH CIRCUITS SHALL BE DONE WITHOUT PRIOR APPROVAL.

Z. INSTALL WIRING AS INDICATED ON PLANS. DO NOT COMBINE HOMERUNS WITHOUT PRIOR APPROVAL.

AA. PROVIDE DOE 10 CFR PART 431 APPENDIX A SUBPART K 2016 TRANSFORMERS FOR UNITS RATED 15 TO 1000 KVA 600 VOLTS AND BELOW.

BB. LENGTHS SHOWN ON SINGLE LINE OR FEEDER SCHEDULE ARE ESTIMATES FOR PLAN CHECK ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING CONDUIT AND CONDUCTOR LENGTHS BASED UPON SELECTED ROUTING.

APPROVED FIRE AND PANIC SAFETY OCT 16 2019 SAN FERNANDO VALLEY SOUTHERN AREA

KOCHER SCHIRRA GOHARIZI
Consulting Engineers, Inc.
111 N JACKSON SUITE 121 GLENDALE CA 91206-4371
PHONE: 818.240.5630 FAX: 818.240.5144

MAIO/GRODSKY
ARCHITECTURE - PLANNING - INTERIORS
15206 VENTURA BLVD. SUITE 201, SHERMAN OAKS, CA 90403
T | 310 804-5027
T | 310 804-5093

STAMP

REGISTERED PROFESSIONAL ENGINEER HERANIK MATHEVOSIAN No. E-17015 6/30/2021 ELECTRICAL STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

ELECTRICAL ABBREVIATIONS, SYMBOLS & GENERAL NOTES

E-0.0

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 1 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A. General Information

Climate Zone: –	Conditioned Floor Area: –					
	Unconditioned Floor Area: 5586.8 SQFT					
Building Type:	☑	Nonresidential	☐	High-Rise Residential	☐	Hotel/Motel
☐ Schools	☐	Relocatable Public Schools	☑	Conditioned Spaces	☐	Unconditioned Spaces
Phase of Construction:	☐	New Construction	☐	Addition	☑	Alteration
Method Of Compliance:	☐	Complete Building	☑	Area Category	☐	Tailored
Project Address:						

B. Lighting Compliance Documents (select yes for each document included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

YES	NO	COMP. DOC.	TITLE
●	○	NRCC-LTI-01-E	Certificate of Compliance. All Pages required on plans for all submittals.
●	○	NRCC-LTI-02-E	Lighting Controls. Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.
●	○	NRCC-LTI-03-E	Indoor Lighting Power Allowance
○	●	NRCC-LTI-04-E	Tailored Method Worksheets
○	●	NRCC-LTI-05-E	Line Voltage Track Lighting Worksheets
○	●	NRCC-LTI-06-E	Indoor Lighting Existing Conditions

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 2 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

C. Summary of Allowed Lighting Power

Conditioned and Unconditioned space Lighting must not be combined for compliance

	Indoor Lighting Power for Conditioned Spaces		Watts	Indoor Lighting Power for Unconditioned Spaces		Watts
01	**Installed** Lighting NRCC-LTI-01-E, Table H, page 5	+	3126	**Installed** Lighting NRCC-LTI-01-E, Table H, page 5	+	–
02	Portable Only for Offices NRCC-LTI-01-E, Table G, page 4	+	–			
03	Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-	–	Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-	–
04	Adjusted **Installed** Lighting Power (row 1 plus row 2 minus row 3)	=	3126	Adjusted **Installed** Lighting Power (row 1 minus row 3)	=	–
	Complies ONLY if **Installed ≤ Allowed** (Box 04 < Box 05)			Complies ONLY if **Installed ≤ Allowed** (Box 04 < Box 05)		
05	**Allowed** Lighting Power Conditioned NRCC-LTI-03-E, page 1 Alterations with replacement luminaires that have at least 50/35%lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2		4506.88	**Allowed** Lighting Power Unconditioned NRCC-LTI-03-E, page 1 Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2		–

D. Declaration of Required Certificates of Installation

Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	
●	○	NRCI-LTI-01-E - Must be submitted for all buildings	☐ Field Inspector
○	○	NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐ Field Inspector
○	○	NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	☐ Field Inspector
○	○	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	☐ Field Inspector
○	○	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	☐ Field Inspector
○	○	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	☐ Field Inspector

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 3 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

E. Declaration of Required Certificates of Acceptance

Declare by selecting yes for all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	
●	○	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	☐ Field Inspector
○	○	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	☐ Field Inspector
○	○	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	☐ Field Inspector
○	○	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	

A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: ☑ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

F. Indoor Lighting Schedule and Field Inspection Energy Checklist

- ☑ The actual indoor lighting power listed on the next 2 pages includes all installed permanent and planned portable lighting systems.
- ☐ When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.
- ☑ When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines
- ☐ Also include track lighting in schedule, and submit the track lighting compliance document (NRCC-LTI-05-E) when line-voltage track lighting is installed.

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 4 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

G. Installed Portable Luminaires in Offices – Exception to Section 140.6(a)

- This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance document.
- This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office
- Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance allowance shall not be traded between offices having different lighting systems.

Office Portable Luminaire Schedule	Office Installed Portable Luminaire W/ft²							Office Location	Field Inspector	
01	02	03	04	05	06	07	08	09	10	
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (G02 x G03)	Square feet of this office	Watts per square foot (G04/G05)	If G06 ≤ 0.3, enter zero; If G06 > 0.3, (G06-0.3)	(G05 x G07)	Identify Office area in which these portable luminaires are installed	Pass	Fail
–	–	–	–	–	–	–	–	–	○	○
									○	○
									○	○
									○	○
									○	○
									○	○
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									○	○
									○	○
Total installed portable luminaire watts that are greater than 0.3 W/ft² per office:							–	Enter sum total of all pages into NRCC-LTI-01-E; Page 2		

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 5 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: ☑ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

H. Indoor Lighting Schedule and Field Inspection Energy Checklist

Luminaire Schedule		Installed Watts					Location	Field Inspector	
01	02	03	04		05	06	07	08	
Name or Item Tag	Complete Luminaire Description (i.e, 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per Luminaire	How wattage was determined: CEC Default from NA8	According to §130.0(c)	Number Luminaires	Total Installed Watts in this area (H03 xH05)	Primary Function area in which these luminaires are installed	Pass	Fail
F1	RECESSED 2x2 LED W/ DIMMING BALLAST	36	☐	☑	14	504	SUITE 620	○	○
F2	RECESSED 2x4 LED W/ DIMMING BALLAST	38	☐	☑	69	2622	SUITE 620	○	○
			☐	☐				○	○
			☐	☐				○	○
			☐	☐				○	○
			☐	☐				○	○
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			☐	☐				○	○
			☐	☐				○	○
			☐	☐				○	○
INSTALLED WATTS PAGE TOTAL:						3126	Enter sum total of all pages into NRCC-LTI-01-E; Page 2		

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-01-E
Indoor Lighting	(Page 6 of 6)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: ALEX KHODADIAN	Documentation Author Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Signature Date: 09.09.2018
Address: 111 NORTH JACKSON STREET, SUITE 121	CEA Certification Identification (if applicable):
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: RAZMIK MATHEVOSIAN	Responsible Designer Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Date Signed: 09.09.2018
Address: 111 NORTH JACKSON STREET, SUITE 121	License: E-17015
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CEC-NRCC-LTI-02-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-02-E
Indoor Lighting - Lighting Controls	(Page 1 of 3)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A. Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.)

YES	NO	Control Requirements
●	○	Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9.
●	○	Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).
○	●	One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with §110.9 and §130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
○	●	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 110.9 and Section 130.0. Additionally, an Installation Certificate shall be installed in accordance with Section 130.4(b).
●	○	All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.
●	○	All luminaires shall be functionally controlled with manual ON and OFF lighting controls in accordance with Section 130.1(a).
●	○	General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.1(a)4.
●	○	The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.5 watts per square foot shall meet the multi-level lighting control requirements in accordance with Section 130.1(b).
●	○	All installed indoor lighting shall be equipped with controls that meet the applicable Shut-OFF control requirements in Section 130.1(c).
○	●	Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.
○	●	Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).
●	○	Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4.(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-OFF controls, and demand responsive controls.

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CEC-NRCC-LTI-02-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-02-E
Indoor Lighting - Lighting Controls	(Page 2 of 3)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following: ☑ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

B. Mandatory and Prescriptive Indoor Lighting Control Schedule, PAF Calculation, and Field Inspection Checklist

Lighting Control Schedule			Standards Complying With¹ (✓ all that apply, or leave empty if Exempted)							PAF Credit Calculation²			✓ If Acceptance Test Required	Field Inspector	
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
Location In Building	Type/ Description of Lighting Control (i.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc...)	# of Units	§130.1(a)	§130.1(b)	§130.1(c)	§130.1(d)	§130.1(e)	§140.6(a)2	§140.6(d)	Watts of Controlled Lighting	PAF	Control Credit (11 x 12)		Pass	Fail
SUITE 620	CONTROL, OCC, DIMMER	–	✓	✓	✓	✓				–	–	–	☑	○	○
													☐	○	○
													☐	○	○
													☐	○	○
													☐	○	○
													☐	○	○
													☐	○	○
Control Credit PAGE TOTAL (Sum of Column 13):													–		
IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column 13):													–		
													Enter Control Credit total into NRCC-LTI-01-E; Page 1. –		

1. §130.1(a) = Manual area controls; §130.1(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(a)2 = Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls.
2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate is also required to be filled out, signed, and submitted.

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CEC-NRCC-LTI-02-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-02-E
Indoor Lighting - Lighting Controls	(Page 3 of 3)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: ALEX KHODADIAN	Documentation Author Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Signature Date: 09.09.2018
Address: 111 NORTH JACKSON STREET, SUITE 121	CEA Certification Identification (if applicable):
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: RAZMIK MATHEVOSIAN	Responsible Designer Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Date Signed: 09.09.2018
Address: 111 NORTH JACKSON STREET, SUITE 121	License: E-17015
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

KOCHER SCHIRRA GOHARIZI
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STAMP

REGISTERED PROFESSIONAL ENGINEER RAZMIK MATHEVOSIAN No. E-17015 9/30/2021 ELECTRICAL STATE OF CALIFORNIA

REVISIONS

△	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

ENERGY COMPLIANCE FORMS

E-0.1

STATE OF CALIFORNIA

INDOOR LIGHTING POWER ALLOWANCE

CEC-NRCC-LTI-03-E (Revised 04/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-03-E
Certificate of Compliance - Indoor Lighting Power Allowance	(Page 1 of 4)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
☑ CONDITIONED spaces ☐ UNCONDITIONED spaces

A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES

If using Complete Building Method for compliance, use only the total in column (a) as total allowed building watts.
If using Area Category Method, Tailored Method, or a combination of Area Category and Tailored Method for compliance, use only the total in column (b) as the total allowed building watts

	(a)		(b)
01 Complete Building Method Allowed Watts. Documented in section B of NRCC-LTI-03-E (below on this page)	–		
02 Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LTI-03-E (below on this page)			4506.88
03 Tailored Method Allowed Watts. Documented in section A of NRCC-LTI-04-E			–
TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LTI-01, Page 2, Row 1	–		4506.88

☐ Check here if building contains both conditioned and unconditioned areas.

B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE

01	02		03		04
TYPE OF BUILDING (From §140.6 Table 140.6-B)	WATTS PER ft²	X	COMPLETE BLDG. AREA	=	ALLOWED WATTS
–	–		–		–
Total Area:			–		
Total Watts. Enter Total Watts into section A, row 1 (Above on this page)					–

C -1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES

	Watts
Total from section C-2.	–
Total from section C-3.	–
Total Watts. Enter Total Watts into section A, row 2 (Above on this page).	–
For Alterations Only – Reduced lighting power option (Total Allowed Watts x 0.85). Enter this value into section A, row 2 if using this option.	

STATE OF CALIFORNIA

INDOOR LIGHTING POWER ALLOWANCE

CEC-NRCC-LTI-03-E (Revised 04/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-03-E
Certificate of Compliance - Indoor Lighting Power Allowance	(Page 2 of 4)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:
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C -2 AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE

- Do not include portable lighting for offices. Portable lighting for offices shall be documented only in Section G of NRCC-LTI-01-E.
- Separately list lighting for each primary function area as defined in §100.1 of the Standards.

01		02		03		04
AREA CATEGORY (From §140.6 Table 140.6-C)		WATTS PER ft²	X	AREA (ft²)	=	ALLOWED WATTS
Location in Building	Primary Function Area per Table 140.6-C					
CONFERENCE 620-07	CONFERENCE ROOM	1.2		82.5		99
CONFERENCE 620-09	CONFERENCE ROOM	1.2		82.5		99
CONFERENCE 620-22	CONFERENCE ROOM	1.2		147.4		176.88
CONFERENCE 620-24	CONFERENCE ROOM	1.2		147.4		176.88
CONFERENCE 620-44	CONFERENCE ROOM	1.2		244.1		292.92
OPEN OFFICE 620	OPEN OFFICE	0.75		4882.9		3662.2
		TOTALS		5586.8		4506.88
Enter sum total Area Category allowed watts into section C-1 of NRCC-LTI-03-E (this compliance document)						WATTS

STATE OF CALIFORNIA

INDOOR LIGHTING POWER ALLOWANCE

CEC-NRCC-LTI-03-E (Revised 04/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-03-E
Certificate of Compliance - Indoor Lighting Power Allowance	(Page 3 of 4)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

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C -3 AREA CATEGORY METHOD ADDITIONAL LIGHTING WATTAGE ALLOWANCE (from Table 140.6-C Footnotes)

01	02	03²	04	05	06	07
Primary Function	Sq Ft or Linear ft¹	Additional Watts Allowed	Wattage Allowance (02 x 03)	Description(s) and Quantity of Special Luminaire Types in each Primary Function Area	Total Design Watts³	ALLOWED WATTS Smaller of 04 or 06
–	–	–	–	–	–	–
TOTALS – Enter into TOTAL AREA CATEGORY METHOD ADDITIONAL ALLOWANCES – Section C-1 .						–

1. Use linear feet only for additional allowance for white board or chalk board. All other additional Area Category allowances shall use watts per square foot.
2. Additional watts are available only when allowed according to the footnotes on bottom of Table 140.6-C, which include: Specialized task work; Ornamental lighting; Precision commercial and industrial work; Per linear foot of white board or chalk board; Accent, display and feature lighting; and Videoconferencing studio lighting..
3. Luminaire classification and wattage shall be determined in accordance with §130.0(c) of the Standards.

STATE OF CALIFORNIA

INDOOR LIGHTING POWER ALLOWANCE

CEC-NRCC-LTI-03-E (Revised 04/16) — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-03-E
Certificate of Compliance - Indoor Lighting Power Allowance	(Page 4 of 4)
Project Name: UCLA WILSHIRE CENTER – SUITE 620 RECONFIGURE	Date Prepared: 09.09.2018

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: ALEX KHODADIAN	Documentation Author Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Signature Date: 09.09.2019
Address: 111 NORTH JACKSON STREET, SUITE 121	CEA Certification Identification (if applicable):
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: RAZMIK MATHEVOSIAN	Responsible Designer Signature:
Company: KOCHER SCHIRRA GOHARIZI – CONSULTING ENGINEERS, INC.	Date Signed: 09.09.2018
Address: 111 NORTH JACKSON STREET, SUITE 121	License: E-17015
City/State/Zip: GLENDALE CA. 91206	Phone: (818) 240-5630

APPROVED FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

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REGISTERED PROFESSIONAL ENGINEER
RAZMIK MATHEVOSIAN
No. E-17015
9/30/2021
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS

△	DATE	DESCRIPTION
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	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

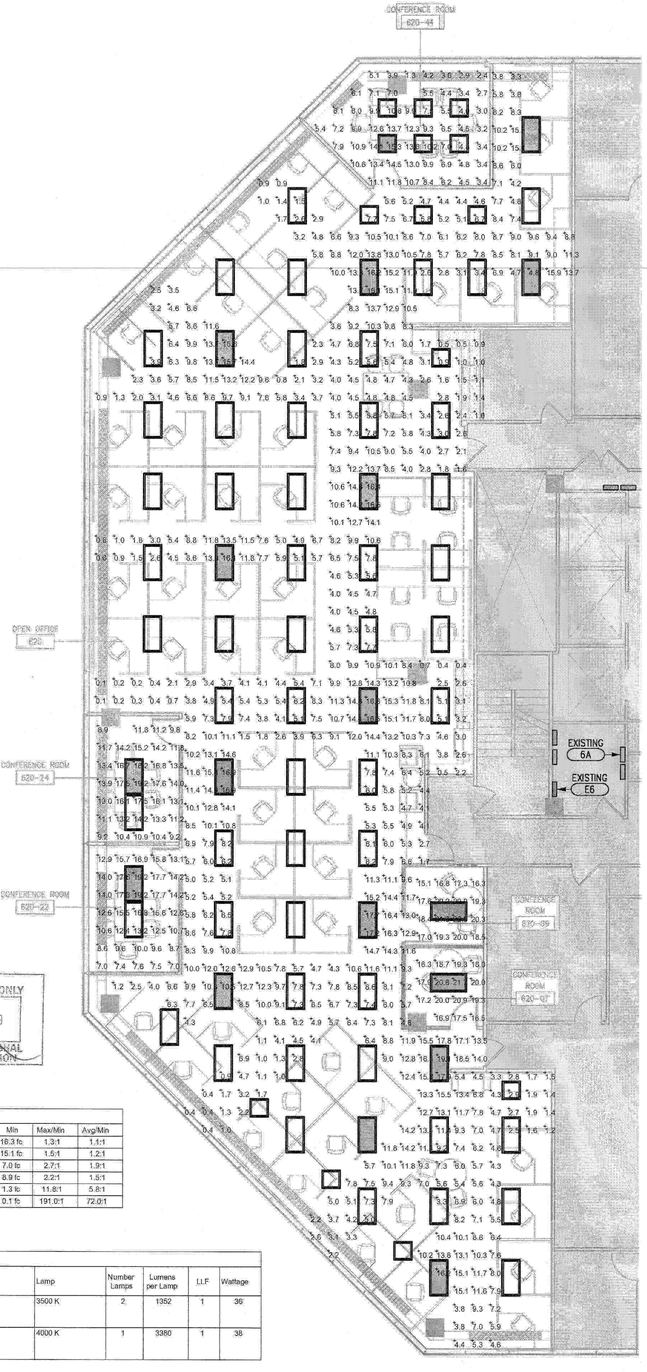
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

ENERGY COMPLIANCE FORMS

E-0.2



APPROVED
FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CONFERENCE RM 620-07	+	18.7 fc	21.7 fc	16.3 fc	1.3:1	1.1:1
CONFERENCE RM 620-09	+	18.8 fc	22.0 fc	15.1 fc	1.5:1	1.2:1
CONFERENCE RM 620-22	+	13.0 fc	19.2 fc	7.0 fc	2.7:1	1.9:1
CONFERENCE RM 620-24	+	13.5 fc	19.2 fc	8.9 fc	2.2:1	1.5:1
CONFERENCE RM 620-44	+	7.5 fc	16.3 fc	1.3 fc	11.8:1	5.8:1
OPEN OFFICE 620	+	7.2 fc	19.1 fc	0.1 fc	191.0:1	72.0:1

Schedule

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	1	2AVL2 30L MDR LP835	2X2 Direct Indirect LED Troffer, 3000 lumen, Perforated Metal Diffuse with Optical Film, 3500K	3500 K	2	1352	1	36
	B	17	2AVL4 30L MDR LP840	2X4 Direct Indirect LED Troffer, 3000 lumen, Perforated Metal Diffuser with Optical Film, 4000K	4000 K	1	3380	1	38

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1/8" = 1'-0" 2

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T | 310 804-5093

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REGISTERED PROFESSIONAL ENGINEER
ARMAN K. MATHEVOSIAN
No. E-17015
9/30/2021
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
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	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

Egress Lighting Calculations

E-0.3

6XA

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL 6XA — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
TELEPHONE ROOM	400			–	–	–	1	20–1	20–1	2	–	–	–	400			ELEVATOR LOBBY LTS
PRIVATE OFFICE 608		400		–	–	–	3	20–1	20–1	4	–	–	–		400		TELEPHONE ROOM
RCPTS, ELEC RM, CORRIDOR			400	–	–	–	5	20–1	20–1	6	–	–	–			400	WORKSTATION 668
ROOM 668, 669	400			–	–	–	7	20–1	20–1	8	–	–	–	400			WORKSTATION 668
ROOM 668, 669		400		–	–	–	9	20–1	20–1	10	–	–	–		400		WORKSTATION 668
SPARE			0	–	–	–	11	20–1	20–1	12	–	–	–			800	WORKSTATION 620
KITCHEN 600 REF.	400			–	–	–	13	20–1	20–1	14	–	–	–	400			KITCHEN 600 S.C.
KITCHEN 600 REF.		400		–	–	–	15	20–1	20–1	16	–	–	–		400		KITCHEN 600 S.C.
KITCHEN 600 S.C.			400	–	–	–	17	20–1	20–1	18	–	–	–			400	KITCHEN 600
KITCHEN 600 S.C.	400			–	–	–	19	20–1	20–1	20	–	–	–	800			WORKSTATION 620
KITCHEN 600 S.C.		400		–	–	–	21	20–1	20–1	22	–	–	–		800		WORKSTATION 620
WORKSTATION 628			400	–	–	–	23	20–1	20–1	24	–	–	–			800	WORKSTATION 620
650 (C)	400			–	–	–	25	20–1	20–1	26	–	–	–	800			WORKSTATION 620
650 (C)		400		–	–	–	27	20–1	20–1	28	–	–	–		800		WORKSTATION 620
WORKSTATION 620			800	–	–	–	29	20–1	20–1	30	–	–	–			800	WORKSTATION 620
WORKSTATION 620	800			–	–	–	31	20–1	20–1	32	–	–	–	800			WORKSTATION 620
WORKSTATION 620		800		–	–	–	33	20–1	20–1	34	–	–	–		400		WORKSTATION 6100
WORKSTATION 620			800	–	–	–	35	20–1	20A	36	–	–	–			0	SPARE
SPARE	0			–	–	–	37	20–1	2P	38	–	–	–	0			–
ROOM 601		400		–	–	–	39	20–1	20–1	40	–	–	–		0		SPARE
ROOM 601			400	–	–	–	41	20–1	20–1	42	–	–	–			400	LTG CONTRACTOR CNTRL

φA: 6400 VA — φB: 6400 VA — φC: 6800 VA

TOTAL CONNECTED LOAD: 19600 VA OR 54.4 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 19600 VA

FDL: 19600 VA OR 54.4 AMPS

6XAA

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL 6XAA — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
WORKSTATION 6107	400			–	–	–	1	20–1	20–1	2	–	–	–	800			WORKSTATION 620
WORKSTATION 6107		400		–	–	–	3	20–1	20–1	4	–	–	–		800		WORKSTATION 620
COPY MECH. 620			800	–	–	–	5	20–1	20–1	6	–	–	–			800	WORKSTATION 620
SUIT 620 OUTLET	360			–	–	–	7	20–1	20–1	8	–	–	–	300			SUIT 620 OUTLETS
WORKSTATION 618		400		–	–	–	9	20–1	20–1	10	–	–	–		300		SUIT 620 OUTLETS
WORKSTATION 618			400	–	–	–	11	20–1	20–1	12	–	–	–			300	SUIT 620 OUTLETS
WORKSTATION 615	400			–	–	–	13	20–1	20–1	14	–	–	–	400			WORKSTATION 624
WORKSTATION 615		400		–	–	–	15	20–1	20–1	16	–	–	–		400		WORKSTATION 624
WORKSTATION 615			400	–	–	–	17	20–1	20–1	18	–	–	–			400	WORKSTATION 624
WORKSTATION 615	400			–	–	–	19	20–1	20–1	20	–	–	–	400			WORKSTATION 624
WORKSTATION 612		400		–	–	–	21	20–1	20–1	22	–	–	–		400		WORKSTATION 619
WORKSTATION 612			400	–	–	–	23	20–1	20–1	24	–	–	–			400	WORKSTATION 619
WORKSTATION 612	400			–	–	–	25	20–1	20–1	26	–	–	–	400			ROOM 616
ROOM 615 SC		400		–	–	–	27	20–1	20–1	28	–	–	–		400		WORKSTATION 630
WORKSTATION 630			400	–	–	–	29	20–1	20–1	30	–	–	–			400	WORKSTATION 630
SUB-FEED, PANEL 6XC	0			–	–	–	31	70A	20–1	32	–	–	–	400			WORKSTATION 630
–		0		–	–	–	33	3P	20–1	34	–	–	–		400		ROOM 609, 610, 611
–			0	–	–	–	35	–	20A	36	–	–	–			400	WORKSTATION 628
WORKSTATION 609, 610	400			–	–	–	37	20–1	100A	38	–	–	–	6400			SUB-FEED, PANEL 6XA
WORKSTATION 603		400		–	–	–	39	20–1	3P	40	–	–	–		6400		–
SPARE			0	–	–	–	41	20–1	–	42	–	–	–			6800	–

φA: 11460 VA — φB: 11500 VA — φC: 11900 VA

TOTAL CONNECTED LOAD: 34860 VA OR 96.8 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 34860 VA

FDL: 34860 VA OR 96.8 AMPS

6XB

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL 6XB — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
SPARE	0			–	–	–	1	20–1	20–1	2	–	–	–	800			WORKSTATION 620
WORKSTATION 620		800		–	–	–	3	20–1	20–1	4	–	–	–		800		WORKSTATION 620
WORKSTATION 620			800	–	–	–	5	20–1	20–1	6	–	–	–			800	WORKSTATION 620
WORKSTATION 620	800			–	–	–	7	20–1	20–1	8	–	–	–	400			EXISTING LOAD
EXISTING LOAD		400		–	–	–	9	20–1	20–1	10	–	–	–		400		EXISTING LOAD
EXISTING LOAD			400	–	–	–	11	20–1	20–1	12	–	–	–			400	EXISTING LOAD
EXISTING LOAD	400			–	–	–	13	20–1	20–1	14	–	–	–	400			EXISTING LOAD
EXISTING LOAD		400		–	–	–	15	20–1	20–1	16	–	–	–		400		EXISTING LOAD
EXISTING LOAD			400	–	–	–	17	20–1	20–1	18	–	–	–			400	EXISTING LOAD
EXISTING LOAD	400			–	–	–	19	100A	20A	20	–	–	–	400			EXISTING LOAD
–		400		–	–	–	21	3P	2P	22	–	–	–		400		–
–			400	–	–	–	23	–	20–1	24	–	–	–			400	EXISTING LOAD
EXISTING LOAD	400			–	–	–	25	20–1	20–1	26	–	–	–	400			EXISTING LOAD
EXISTING LOAD		400		–	–	–	27	20–1	20–1	28	–	–	–		400		EXISTING LOAD
EXISTING LOAD			400	–	–	–	29	20–1	20–1	30	–	–	–			400	EXISTING LOAD
EXISTING LOAD	400			–	–	–	31	20–1	20–1	32	–	–	–	400			EXISTING LOAD
EXISTING LOAD		400		–	–	–	33	20–1	20–1	34	–	–	–		400		EXISTING LOAD
EXISTING LOAD			400	–	–	–	35	20–1	20–1	36	–	–	–			400	EXISTING LOAD
EXISTING LOAD	400			–	–	–	37	20–1	20–1	38	–	–	–	400			EXISTING LOAD
EXISTING LOAD		400		–	–	–	39	20–1	30–1	40	–	–	–		400		EXISTING LOAD
EXISTING LOAD			400	–	–	–	41	20–1	20–1	42	–	–	–			300	SUITE 620 OUTLETS

φA: 6000 VA — φB: 6400 VA — φC: 6300 VA

TOTAL CONNECTED LOAD: 18700 VA OR 51.9 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 18700 VA

FDL: 18700 VA OR 51.9 AMPS

6A

277/480 VOLTS, 3 PHASE, 4 WIRE — PANEL 6A — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
EXISTING LOAD	3500			–	–	–	1	20–1	30A	2	–	–	–	3649			LIGHTS (REPLACE EXISTING)
SPARE		0		–	–	–	3	20–1	3P	4	–	–	–		2136		–
NEW A/C			3500	–	–	–	5	20A	–	6	–	–	–			3560	–
–	3500			–	–	–	7	2P	20–1	8	–	–	–	0			600 INSTA HOT
NEW A/C		3500		–	–	–	9	20A	20–1	10	–	–	–		0		SPARE
–			3500	–	–	–	11	2P	20–1	12	–	–	–			0	SPARE
NORMAL EXITS	1724			21	–	–	13	20–1	100A	14	1	–	–	25000			LIGHTING CONTRACTOR
PUBLIC CORRIDOR		540		9	–	–	15	20–1	3P	16	–	–	–		25000		–
AC–1, RM.605			3050	–	–	–	17	20–1	–	18	–	–	–			25000	–
–	0			–	–	–	19	20–1	20–1	20	–	–	–	0			–
SPARE		0		–	–	–	21	20–1	20–1	22	–	–	–		0		13 FLOUR. LIGHTS SPERRY OPEN AREA
SPARE			0	–	–	–	23	20–1	20–1	24	–	–	–			0	13 FLOUR. LIGHTS SPERRY OPEN AREA
13 FLOUR. LIGHTS SPERRY OPEN AREA	0			–	–	–	25	20–1	20–1	26	–	–	–	0			#650 LTS. OPEN AREA
12. FLOUR. LIGHTS SPERRY OPEN AREA		0		–	–	–	27	20–1	20–1	28	–	–	–		0		#650 CONFERENCE RM/OPEN AREA
12. FLOUR. LIGHTS SPERRY OPEN AREA			0	–	–	–	29	20–1	20–1	30	–	–	–			0	INSTANT HOT STC #650 KITCHEN
CORRIDOUS LIGHTS	0			–	–	–	31	20–1	20–1	32	–	–	–	0			#650
SUITE 620 WATER HEATER		6100		–	–	–	33	30–1	20–1	34	–	–	–		0		#650
LITES UCLA NORTH			0	–	–	–	35	20–1	20–1	36	–	–	–			0	RELAY
LOBBY SCONCE & CAN LIGHTS	0			–	–	–	37	20–1	20–1	38	–	–	–	0			–
9 FLOUR LIGHTS VERGER AREA		0		–	–	–	39	20–1	20–1	40	–	–	–		0		–
CORRIDOR FRIEGHT			0	–	–	–	41	20–1	20–1	42	–	–	–			0	–

φA: 37373 VA — φB: 31176 VA — φC: 38610 VA

TOTAL CONNECTED LOAD: 107159 VA OR 129.0 AMPS @ 480 VOLTS - 3 ø

LCL: 2264 VA x 25% = 566 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 104895 VA

FDL: 107725 VA OR 129.6 AMPS

E6

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL E6 — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
6TH FLOOR	0			–	–	–	1	20–1	20–1	2	–	–	–	0			SUITE 820 EXITS & NITE LIGHTS
SUITE 650		0		–	–	–	3	20–1	20–1	4	–	–	–		0		SPARE
FRIGHT LOBBY 8 & 6			0	–	–	–	5	20–1	20–1	6	–	–	–			0	SUITE 750, 880, 800 EXIT SIGNS STAIRWELLS
SUITE 700	0			–	–	–	7	20–1	20–1	8	–	–	–	0			SPARE
SPARE		0		–	–	–	9	20–1	20–1	10	–	–	–		0		SPARE
SPARE			0	–	–	–	11	20–1	20–1	12	–	–	–			0	SPARE
4TH LRR MRR	0			–	–	–	13	20–1	20–1	14	–	–	–	0			5TH LRR MRR
4TH FLOOR EXIT		0		–	–	–	15	20–1	20–1	16	–	–	–		0		5TH FLOOR
4TH FLOOR			0	–	–	–	17	20–1	20–1	18	–	–	–			0	5TH FLOOR
6TH FLOOR MRR LRR	0			–	–	–	19	20–1	20–1	20	–	–	–	0			7TH FLOOR
6TH FLOOR 650 EXIT SIGNS		0		–	–	–	21	20–1	20–1	22	–	–	–		0		7TH FLOOR 720,710 SUITES
6TH FLOOR			0	–	–	–	23	20–1	20–1	24	–	–	–			0	7TH FLOOR PANEL E-6
8TH FLOOR	0			–	–	–	25	20–1	20–1	26	–	–	–	0			SPARE
8TH FLOOR SUITE 815 NITE/LTS		0		–	–	–	27	20–1	20–1	28	–	–	–		0		SPARE
8TH FLOOR			0	–	–	–	29	20–1	20–1	30	–	–	–			0	SPARE
SPARE	0			–	–	–	31	20–1	20–1	32	–	–	–	0			SPARE
SPARE		0		–	–	–	33	20–1	20–1	34	–	–	–		0		SPARE
SPARE			0	–	–	–	35	20–1	20–1	36	–	–	–			0	SPARE
SPARE	0			–	–	–	37	20–1	20–1	38	–	–	–	0			SPARE
SPARE		0		–	–	–	39	20–1	20–1	40	–	–	–		0		SPARE
SPARE			0	–	–	–	41	20–1	20–1	42	–	–	–			0	SPARE

φA: 0 VA — φB: 0 VA — φC: 0 VA

TOTAL CONNECTED LOAD: 0 VA OR 0.0 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 0 VA

FDL: 0 VA OR 0.0 AMPS

6XBB

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL 6XBB — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IG BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
ROOM 647	400			–	–	–	1	20–1	20–1	2	–	–	–	400			ROOM 600, COPIER
ROOM 647 REFRIGERATOR		400		–	–	–	3	20–1	20–1	4	–	–	–		400		ROOM 645, 546
ROOM 647			400	–	–	–	5	20–1	20–1	6	–	–	–			400	ROOM 645, 546
WORKSTATION 680	400			–	–	–	7	20–1	20–1	8	–	–	–	400			WORKSTATION 606
WORKSTATION 680		400		–	–	–	9	20–1	20–1	10	–	–	–		400		WORKSTATION 606
WORKSTATION 680			400	–	–	–	11	20–1	20–1	12	–	–	–			400	WORKSTATION 606
WORKSTATION 680	400			–	–	–	13	20–1	20–1	14	–	–	–	400			WORKSTATION 606
ROOM 1080		400		–	–	–	15	20–1	20–1	16	–	–	–		400		WORKSTATION 642
ROOM 605, 634, 642			400	–	–	–	17	20–1	20–1	18	–	–	–			400	WORKSTATION 605
ROOM 605, 634, 642	400			–	–	–	19	20–1	20–1	20	–	–	–	400			WORKSTATION 605
ROOM 652		400		–	–	–	21	20–1	20–1	22	–	–	–		400		WORKSTATION 605
ROOM 653			400	–	–	–	23	20–1	20–1	24	–	–	–			400	WORKSTATION 635
ROOM 654	400			–	–	–	25	20–1	20–1	26	–	–	–	800			WORKSTATION 620
DOWN LIGHTS, CONF. ROOM		400		–	–	–	27	20–1	20–1	28	–	–	–		800		WORKSTATION 620
WORKSTATION 698, 699			400	–	–	–	29	20–1	20–1	30	–	–	–			800	WORKSTATION 620
WORKSTATION 698, 699	400			–	–	–	31	20–1	20–1	32	–	–	–	600			SUIT 620 TV–620–44
WORKSTATION 620		800		–	–	–	33	20–1	20–1	34	–	–	–		0		SPARE
WORKSTATION 620			800	–	–	–	35	20–1	20–1	36	–	–	–			0	SPARE
SPARE	0			–	–	–	37	20–1	20–1	38	–	–	–	0			SPARE
SPARE		0		–	–	–	39	20–1	20–1	40	–	–	–		0		SPARE
SPARE			0	–	–	–	41	20–1	20–1	42	–	–	–			0	SPARE

φA: 5400 VA — φB: 5200 VA — φC: 5200 VA

TOTAL CONNECTED LOAD: 15800 VA OR 43.9 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 15800 VA

FDL: 15800 VA OR 43.9 AMPS

6XC

208/120 VOLTS, 3 PHASE, 4 WIRE — PANEL 6XC — LOCATION — KAIC — KSCA — (1)(2)(3)(4) — 225A MAIN BREAKER, 225 AMP BUSSING, 100% NEUTRAL BUS, WITHOUT IQ BUS

LOCATION	VA φA	VA φB	VA φC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	VA φA	VA φB	VA φC	LOCATION
EXISTING LOAD	0			–	–	–	1	20–1	20–1	2	–	–	–	0			EXISTING LOAD
EXISTING LOAD		0		–	–	–	3	20–1	20–1	4	–	–	–		0		EXISTING LOAD
EXISTING LOAD			0	–	–	–	5	20–1	20–1	6	–	–	–			0	EXISTING LOAD
EXISTING LOAD	0			–	–	–	7	20–1	20–1	8	–	–	–	0			EXISTING LOAD
EXISTING LOAD		0		–	–	–	9	20–1	20–1	10	–	–	–		0		EXISTING LOAD
EXISTING LOAD			0	–	–	–	11	20–1	20–1	12	–	–	–			0	EXISTING LOAD
EXISTING LOAD	0			–	–	–	13	20–1	20–1	14	–	–	–	0			EXISTING LOAD
EXISTING LOAD		0		–	–	–	15	20–1	20–1	16	–	–	–		0		EXISTING LOAD
EXISTING LOAD			0	–	–	–	17	20–1	20–1	18	–	–	–			0	EXISTING LOAD
EXISTING LOAD	0			–	–	–	19	20–1	20–1	20	–	–	–	0			EXISTING LOAD
EXISTING LOAD		0		–	–	–	21	20–1	20–1	22	–	–	–		0		EXISTING LOAD
EXISTING LOAD			0	–	–	–	23	20–1	20–1	24	–	–	–			0	EXISTING LOAD
EXISTING LOAD	0			–	–	–	25	20–1	20–1	26	–	–	–	0			EXISTING LOAD
EXISTING LOAD		0		–	–	–	27	20–1	20–1	28	–	–	–		0		EXISTING LOAD
EXISTING LOAD			0	–	–	–	29	20–1	20–1	30	–	–	–			0	EXISTING LOAD
EXISTING LOAD	0			–	–	–	31	20–1	20–1	32	–	–	–	0			EXISTING LOAD
SUITE 620 HOT W DISPENSER/SINK		900		–	–	2	33	20–1	20–1	34	–	–	–		0		EXISTING LOAD
SUITE 620 OUTLETS			360	–	2	–	35	20–1	20–1	36	–	–	–			0	SPARE
SUITE 620 OUTLETS	360			–	2	–	37	20–1	20–1	38	–	–	–	0			SPARE
SUITE 620 OUTLETS		360		–	2	–	39	20–1	20–1	40	–	–	–		0		SPARE
SPARE			0	–	–	–	41	20–1	20–1	42	–	–	–			0	SPARE

φA: 0 VA — φB: 0 VA — φC: 0 VA

TOTAL CONNECTED LOAD: 0 VA OR 0.0 AMPS @ 208 VOLTS - 3 ø

LCL: 0 VA x 25% = 0 VA — RECEPTACLE LOAD: 0 x 180 = 0 VA — GENERAL LOAD: 0 VA

FDL: 0 VA OR 0.0 AMPS

NOTES

1. SHADED AREA INDICATES SCOPE OF WORK.
2. PROVIDE AND INSTALL CIRCUIT BREAKER HANDLE-TIE FOR FURNITURE FEED.
3. ALL NEW BREAKER TO MATCH EXISTING MANUFACTURER AND KAIC RATING.
4. UPDATE PANEL DIRECTORY

APPROVED FIRE AND PANIC ONLY OCT 16 2019 STATE FIRE MARSHAL SOUTHERN REGION

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STAMP

REGISTERED PROFESSIONAL ENGINEER — KRAMIK MATHEVOSIAN — No. E-17015 9/30/2021 — ELECTRICAL — STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

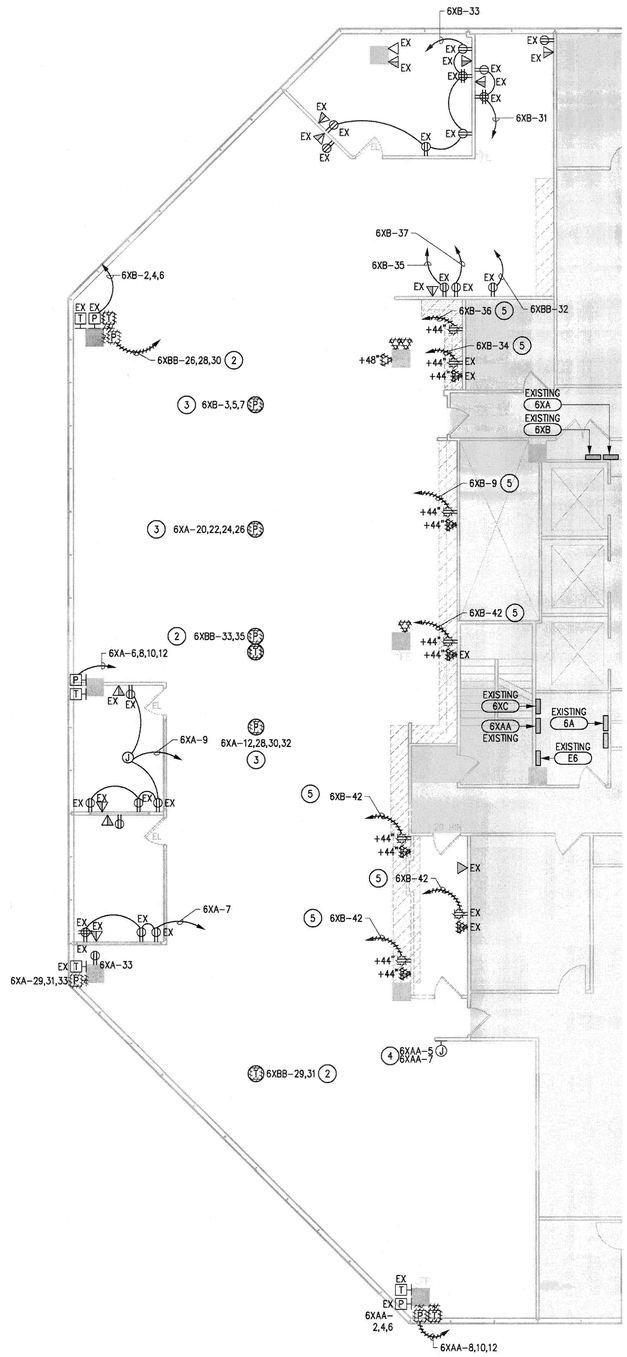
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

PANEL SCHEDULES

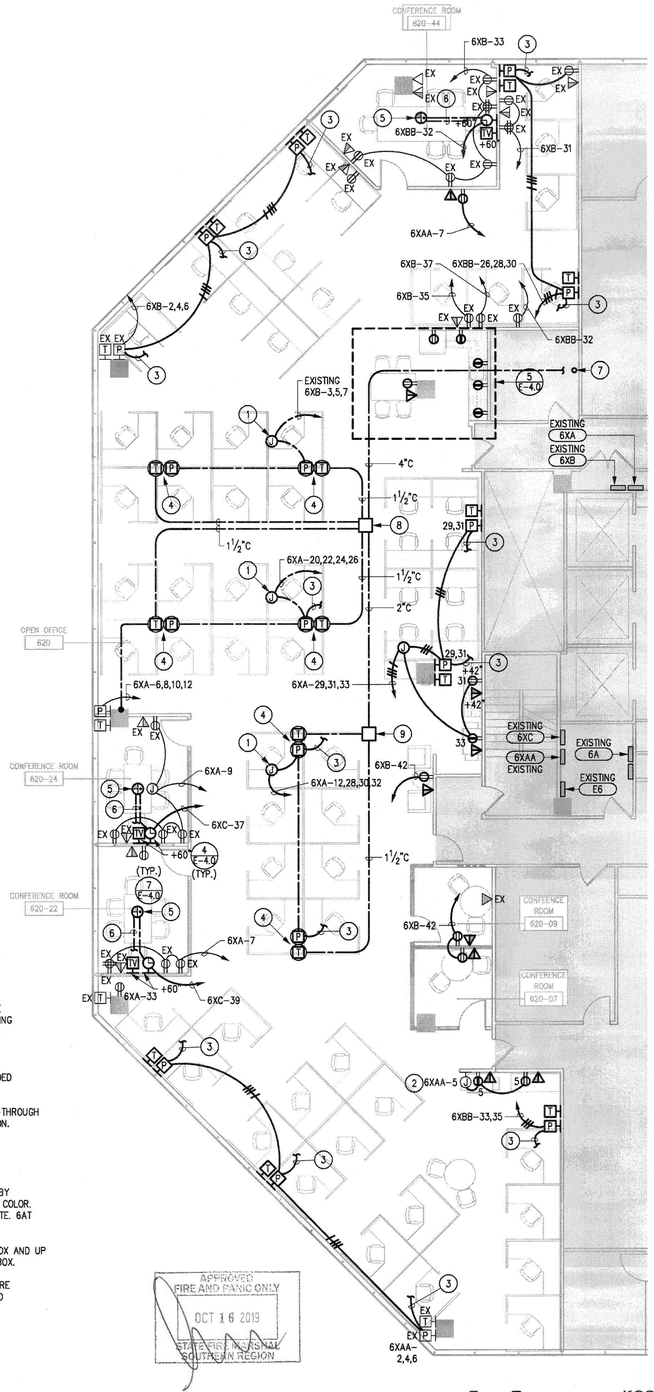
E-1.0



DEMOLITION SHEET NOTES:

1. CIRCUIT TO BE REROUTED TO NEW FURNITURE POKE THRU.
2. REMOVE EXISTING POKE THRU/ FURNITURE FEED, PULL CONDUIT AND WIRING BACK TO SOURCES PANEL. CIRCUIT TO BE USED TO FEED NEW DEVICES.
3. REMOVE EXISTING POKE THRU MAINTAIN EXISTING CONDUIT AND WIRING, TO BE EXTENDED TO NEW LOCATION. SEE NEW POWER PLAN FOR MORE INFORMATION.
4. REMOVE EXISTING FURNITURE FEED. MAINTAIN EXISTING CIRCUIT #5. CIRCUIT TO BE REUSED TO FEED NEW OUTLETS. PULL BACK WIRING TO SOURCE FOR CIRCUIT #7.
5. REMOVE DEVICES, PULL BACK TO CONDUIT AND WIRING TO SOURCE.

DEMO POWER | 1/8" = 1'-0" | **1**



NEW SHEET NOTES:

1. INTERCEPT AND REROUTE EXISTING HOMERUN. PROVIDE INTERCEPT BOX IF NEEDED. EXTEND CONDUIT AND WIRING TO NEW FLOOR MOUNTED FURNITURE POKE THRU.
2. REWORK EXISTING CIRCUIT TO FEED NEW OUTLETS.
3. CONNECT TO NEW FURNITURE. FURNITURE WIPE PROVIDED BY OTHER. FIELD VERIFY.
4. PROVIDE HUBBELL ONE-PIECE FURNITURE FEED POKE-THROUGH COMBINATION DATA/POWER, FLUSH FLOOR INSTALLATION. SPEC: WIREMOLD 4" MODEL SIPTFFBRS, COORDINATE DEVICE PLATES AND COLOR OR EQUAL.
5. PROVIDE WIREMOLD FLOOR MOUNTED COMBINATION DATA/POWER OUTLET, FLUSH FLOOR INSTALLATION. SPEC: WIREMOLD 4" EVOLUTION SERIES POKE-THRU BY LEGRAND. 6CTC2BK, COORDINATE DEVICE PLATES AND COLOR. MOUNT DEVICE PLATE: 6ACTBA DEVICE MOUNTING PLATE. 6AT CENTER MOUNT DEVICE PLATE MOUNTING LOCATION.
6. PROVIDE 1½" CONDUIT FROM POKE-THRU TO TV J-BOX AND UP TO OPEN CEILING. PROVIDE PLASTER RING FOR TV J-BOX.
7. PROVIDE 4"C. CORE IN SLAB WITH SLEEVE. PROVIDE FIRE RATED BARRIER AFTER CABLES PULL. FIRE BARRIER TO MEET EXISTING CODE.
8. PROVIDE 24"x24"x6" PULLBOX.
9. PROVIDE 18"x18"x6" PULLBOX.

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NEW POWER | 1/8" = 1'-0" | **2**

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REGISTERED PROFESSIONAL ENGINEER RAMAIA MATHEYOSIAN No. E-17015 9/30/2021 ELECTRICAL STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

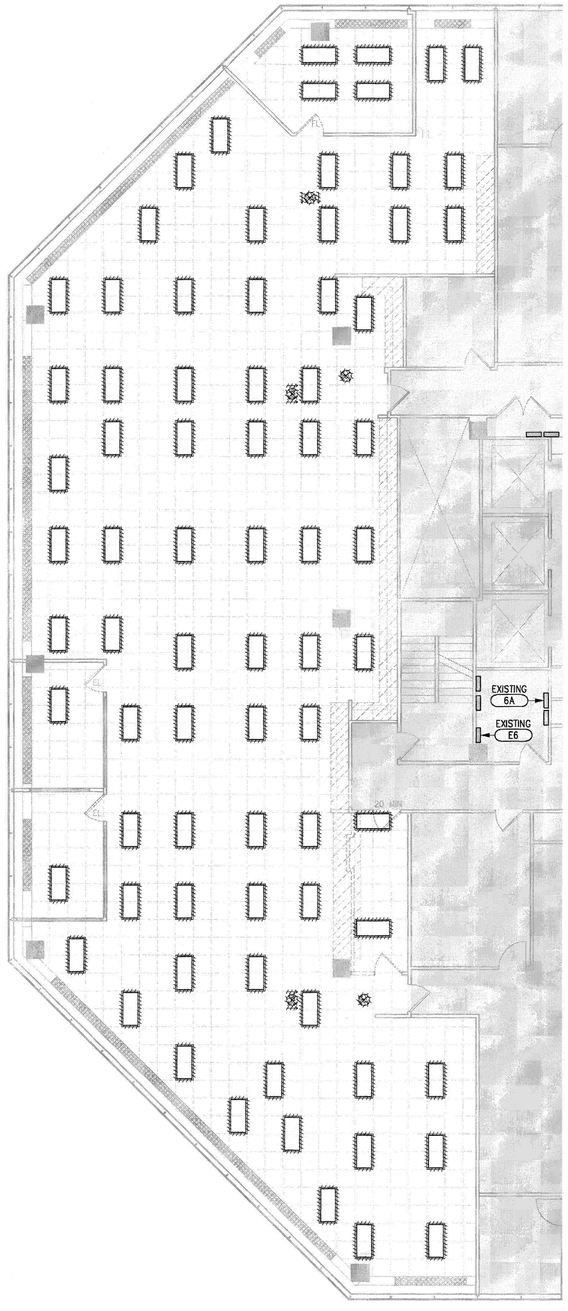
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

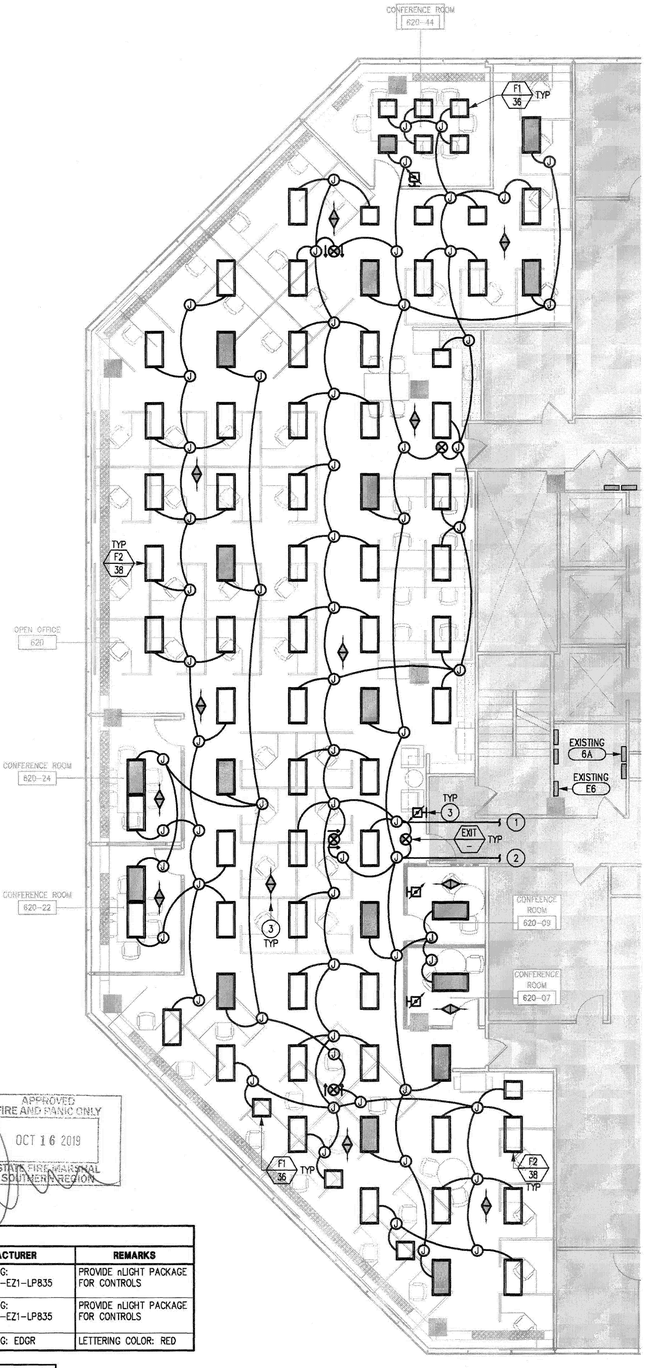
DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

DEMOLITION AND NEW POWER PLANS

E-2.0



DEMO LIGHTING | 1/8" = 1'-0" | 1



NEW LIGHTING NOTES:

1. TO EXISTING J-BOX FEEDING THIS AREA. VERIFY EXACT LOCATION AND CIRCUIT NUMBER.
2. TO EXISTING J-BOX WITH EMERGENCE LIGHTING CIRCUIT FEEDING THIS AREA. VERIFY EXACT LOCATION AND CIRCUIT NUMBER.
3. REFER TO DETAIL 6/E-6.0 FOR OCCUPANCY SENSOR, DIMMER SWITCH AND LIGHTING CONTROL INFORMATION.

APPROVED
FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMP	VOLTAGE	MANUFACTURER	REMARKS
F1	RECESSED 2x2 LED FIXTURE WITH DIMMING DRIVER.	36W LED 3500K	277	LITHONIA LIGHTING: 2AVL2-30L-ADP-EZ1-LP835	PROVIDE nLIGHT PACKAGE FOR CONTROLS
F2	RECESSED 2x4 LED FIXTURE WITH DIMMING DRIVER.	38W LED 3500K	277	LITHONIA LIGHTING: 2AVL4-30L-ADP-EZ1-LP835	PROVIDE nLIGHT PACKAGE FOR CONTROLS
EXIT	EXIT SIGN	LED	277	LITHONIA LIGHTING: EDGR	LETTERING COLOR: RED

FIELD VERIFY EXACT COLOR TEMPERATURE OF EXISTING FIXTURE BEFORE PURCHASING NEW.

"CONTROL DEVICE LAYOUT BY NLIGHT FACTORY REPRESENTATIVES. REQUIRED AS PART OF SUBMITTAL PACKAGE."

NEW LIGHTING | 1/8" = 1'-0" | 2

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REGISTERED PROFESSIONAL ENGINEER
ARMAIK MATHEVOSIAN
No. E-17015
9/30/2021
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS

	DATE	DESCRIPTION
	07/24/19	ISSUED FOR ENGINEERING
	09/09/19	REVIEW SET
	10/08/19	CP PLAN CHECK
	10/16/19	CP PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

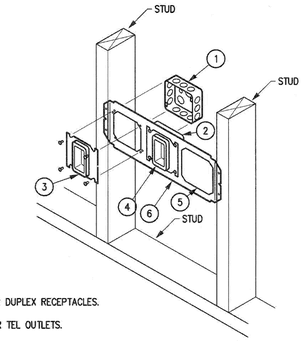
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 07/24/19	DRAWN BY: AK
PROJECT NO.: MG 2019-015	CHECKED BY: JG
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

DEMOLITION AND NEW LIGHTING PLANS

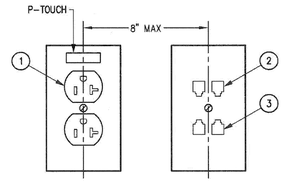
E-3.0



SHEET NOTES:

1. 4" SQUARE OUTLET BOX 1½" DEEP FOR DUPLEX RECEPTACLES.
2. 4" SQUARE OUTLET BOX 2⅛" DEEP FOR TEL OUTLETS.
3. PLASTER RING SINGLE OR DOUBLE GANG REFER TO ELECTRICAL DRAWING FOR NUMBER OF DEVICE. REFER TO TO ARCHITECTURAL DRAWING FOR RING DEPTH.
4. PLASTER RING SINGLE GANG. REFER TO ARCHITECTURAL DRAWING FOR RING DEPTH.
5. FUTURE DEVICE.
6. BOX MOUNTING BRACKET FOR BETWEEN STUDS.

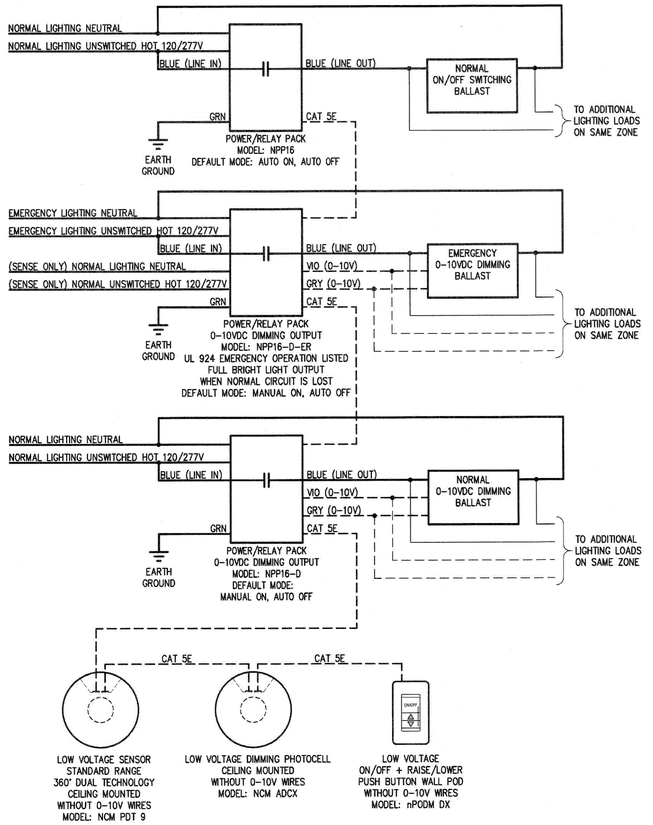
OUTLET BOX CONFIGURATION | NTS | 1



NOTES:

1. SPECIFICATION GRADE DUPLEX RECEPTACLE MOUNTED WITH GROUND PRONG UP.
2. TELEPHONE JACK (VERIFY TYPE PRIOR TO FABRICATING COVERPLATE)
3. COMPUTER JACK (VERIFY TYPE PRIOR TO FABRICATING)
4. FOR BOXES INSTALLED IN RATED WALLS WRAP WITH APPROVED FIRE STOPPING PADS AS REQUIRED TO PROVIDE RATING EQUAL TO WALL

OUTLET BOX CONFIGURATION | NTS | 2



NOTES:

1. PROVIDE SEPARATE CONDUIT FOR 0-10VDC CONTROLS.
2. COORDINATE WITH MANUFACTURER FOR MAXIMUM NUMBER OF CONNECTED DEVICES ALLOWED.
3. CONTRACTOR TO PROVIDE COMMISSIONING.
4. REFER TO LIGHTING PLANS FOR QUANTITIES AND CIRCUIT TO BE CONTROLLED
5. PROVIDE A POWER/RELAY PACK FOR EACH LIGHTING ZONE TO BE CONTROLLED.
6. PROVIDE A POWER/RELAY PACK FOR EACH POWER RECEPTACLE CIRCUIT TO BE CONTROLLED.

NLIGHT LIGHTING CONTROL DIAGRAM | NTS | 6

NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. AND MORE INFORMATION.
2. COORDINATE OUTLET TYPE AND REQUIREMENTS WITH OWNER.

TELEVISION OUTLET INSTALLATION | NTS | 4

ENLARGED PANTRY AREA | 1/4" = 1'-0" | 5

NOTES:

1. MANUFACTURER: PROVIDE HUBBELL/WREMOLD CATALOG NUMBER: 4" FIRE-RATED POKE-THRU OR EQUAL.

POKE-THRU INSTALLATION | NTS | 7

- | NTS | 8

KOCHER SCHIRRA GOHARIZI
Consulting Engineers, Inc.
111 N. JACKSON SUITE 121 GLENDALE CA 91206-4371
PHONE: 818.240.5630 FAX: 818.240.5144

T-BAR CEILING OUTLET INSTALLATION | NTS | 9

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STAMP

REGISTERED PROFESSIONAL ENGINEER
ARAM K. MATHEVOSIAN
No. E-17015
9/30/2021
ELECTRICAL
STATE OF CALIFORNIA

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ELECTRICAL DETAILS

E-4.0

SYMBOL/ABBREV./DEFINITION

SYMBOL	ABBREV	DEFINITION
1 / M-1		DETAIL TOP – I.D. NUMBER REFERENCE BOTTOM – SHT NUMBER
1 / M-21		SECTION TOP – I.D. NUMBER REFERENCE BOTTOM – SHT NUMBER
	SA	SUPPLY AIR DUCT
	RA	RETURN AIR DUCT
	EA	EXHAUST AIR DUCT
	FC	FLEXIBLE CONNECTION
R		INCLINED DUCT RISE
D		INCLINED DUCT DROP
		ACOUSTICAL DUCT LINING
12 / 400		SUPPLY AIR DIFF. TOP – NECK SIZE BOTTOM – CFM
		RETURN AIR GRILLE, CFM, TYPE
		45 DEGREE DUCT TAP IN WITH CONICAL FITTING
T	T	THERMOSTAT
S	S	SENSOR
	GLV	GLOBE VALVE
	BAL VAL	BALANCING VALVE
	CV	CHECK VALVE
	STR	STRAINER
	BLV	BALL VALVE, BUTTERFLY VALVE
	U	UNION
	GAC	GAGE COCK
		CAPPED OR PLUGGED OUTLET
	PRV	PRESSURE REDUCING VALVE
	AV	ANGLE VALVE
		PIPE DOWN
		PIPE UP
	AN	PIPE ANCHOR
	GU	PIPE GUIDE
	FC	FLEXIBLE CONNECTION
CHS	CHS	CHILLED WATER SUPPLY
CHR	CHR	CHILLED WATER RETURN
CS	CS	CONDENSER WATER SUPPLY
CR	CR	CONDENSER WATER RETURN
HWS	HWS	HEATING HOT WATER SUPPLY
HWR	HWR	HEATING HOT WATER RETURN
CD	CD	CONDENSATE DRAIN
VT	VT	EQUIPMENT AND VALVE VENT
A	A	AUTOMATIC SPRINKLERS
IA	IA	INSTRUMENT AIR
FD		FIRE DAMPER
SF		FIRE/SMOKE DAMPER

ABBREVIATION/DEFINITION

ABBREV.	DEFINITION
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BDD	BACK DRAFT DAMPER
BEL	BELOW
BLDG	BUILDING
C	COLD AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
CHW	CHILLED WATER
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
EL	ELEVATION
ENCL	ENCLOSURE
EMS	ENERGY MANAGEMENT SYSTEM
EXH	EXHAUST
EXIST	EXISTING
FD	FIRE DAMPER
FG	FLOOR GRILLE
FIN	FINISH
FLR	FLOOR
FPF	FINS PER FOOT
FS	FLOOR SINK
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
FA	FRESH AIR
PLBG	PLUMBING
POC	POINT OF CONNECTION
RD	ROOF DRAIN
SCR	SCREEN
SD	SMOKE DETECTOR
SF	SMOKE/FIRE DAMPER
SM	SHEET METAL
TEMP	TEMPERATURE
TYP	TYPICAL
UTR	UP THRU ROOF
VD	VOLUME DAMPER
VTR	VENT THROUGH ROOF

GENERAL NOTES

1. CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS AND ALL FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND SHALL BE GOVERNED BY THESE AND OTHER SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
2. ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, TAXES, AND OTHER SIMILAR COSTS IN CONNECTION THEREWITH.
3. PRIOR TO FABRICATION OF DUCT OR PIPING, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE FLOORS WHICH MAY INTERFERE WITH THE MATERIALS AND NOTIFY THE ENGINEER OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ETC. WHICH MAY BE REQUIRED, WITHOUT ADDITIONAL COST TO THE OWNER.
4. ALL PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CALIFORNIA MECHANICAL CODE.
5. PROVIDE LATERAL BRACING OF PIPES AS REQUIRED BY CODE.
6. MOUNT ALL THERMOSTATS AT 48" ABOVE FINISHED FLOOR.
7. ALL BRACING OF PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY THE ENGINEER.
8. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER.
9. A COPY OF THE GUIDELINES PUBLISHED BY "SMACNA" AND APPROVED BY ENGINEER SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
10. CONTRACTOR SHALL VERIFY PLACEMENT OF UNITS PRIOR TO BIDDING.
11. LABEL ALL EQUIPMENT TO INDICATE THE SPACE IT SERVES.
12. ALL APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE.
13. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF CEILING DIFFUSERS.
14. ALL DUCTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CMC CHAPTER 6.
15. ALL DUCT DIMENSIONS ARE INTERNAL
16. PROVIDE BALANCING DAMPERS IN ALL DUCT BRANCHES PROVIDE AIR BALANCE REPORT BY A THIRD PARTY AABC AIR BALANCE CONTRACTOR, INCLUDE THE COST OF MULTIPLE BALANCES IN ORDER TO ACHIEVE THE AIRFLOWS INDICATED.

AIR TEST AND BALANCE

UNIVERSITY WILL OBTAIN THE SERVICES OF AN AABC CERTIFIED CONTRACTOR TO PERFORM A PRE TEST AND FINAL AIR BALANCE. CONTRACTOR TO COORDINATE WITH UNIVERSITY FOR ALL RELATED WORK PRIOR TO DEMOLITION, AND AFTER NEW WORK HAS BEEN PERFORMED.

SCOPE OF WORK

OFFICE T.I. ALTER EXISTING AIR DISTRIBUTION. THIS CONSISTS OF DEMOLISHING (E)DUCTWORK, GRILLES, DIFFUSERS, AND THE INSTALLATION OF 4 NEW VAV BOXES DUE TO A NEW ARCHITECTURAL LAYOUT. INSTALL NEW DUCTWORK, GRILLES, DIFFUSERS, AND VAV BOXES WHERE SHOWN ON PLANS.

VAV BOX SCHEDULE

TAG	MODEL NO.*	MAX CFM	MAX ΔP	MAX NC	REHEAT COIL
A – 1	LMHS 05	350	.2	27	N/A
A – 2	LMHS 07	650	.16	24	
A – 3	LMHS 09	1050	.1	23	
A – 4	LMHS 10	1350	.1	23	
A – 5	LMHS 12	2000	.1	24	
A – 6	LMHS 14	2800	.1	24	
A – 7	LMHS 16	3600	.1	24	

1. MAX DELTA PRESSURE BASED ON 1.0" S.P. AT DESIGN CFM
2. NC BASED ON 10 db ROOM AND STC–39 CEILING
3. PROVIDE 4 FOOT LINED SOUND ATTENUATOR FOR ALL BOXES
4. MIN SETTINGS: TYPE A = 10 %
5. PROVIDE PNEUMATIC CONTROLS TO MATCH EXISTING.
6. ALL VAV BOXES SHALL BE AS MANUFACTURED BY 'KRUGER'

*NOTE: BOX SIZE EQUALS INLET DUCT SIZE. HOWEVER WHEN INLET IS LONGER THAN 15 FEET, THEN USE NEXT SIZE LARGER AND TAPER AT BOX.

EXISTING VAV BOX SCHEDULE

TAG	MODEL NO.	CFM CLG MAX.	INLET SIZE	MAX PD THRU BOX	CFM MINIMUM.
A	101–VV MITCO	150	5	0.4	20
B		250	6	0.4	30
C		450	8	0.4	40
D		1000	10	0.4	100
E		1400	12	0.4	200
F		1850	16	0.4	300

GOVERNING CODES

2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
(INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE, PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
2016 CALIFORNIA ENERGY CODE, TITLE 24 PART 6
2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
2016 CALIFORNIA GREEN BUILDING STANDARD CODE, TITLE 24 PART 11 (CALGREEN)
2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12
2019 UCLA CAMPUS STANDARD

EQUIPMENT NOTE

ALL EXISTING EQUIPMENT IS MARKED "(E)" ON THESE PLANS. ANY EQUIPMENT NOT MARKED WITH "(E)" SHALL BE CONSIDERED NEW.

SHEET INDEX

RETURN AIR PLENUM REQUIREMENTS

WIRING – ONLY WIRING METHODS CONSISTING OF TYPE MI CABLE OR TYPE MC CABLE EMPLOYING A SMOOTH OR CORRUGATED IMPERVIOUS METAL SHEATH WITHOUT AN OVERALL NONMETALLIC COVERING, ELECTRICAL METALLIC TUBING, FLEXIBLE METALLIC TUBING, INTERMEDIATE METAL CONDUIT, OR RIGID METAL CONDUIT IS PERMITTED. FLEXIBLE METAL CONDUIT AND LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE PERMITTED, IN LENGTHS NOT TO EXCEED 4 FEET, TO CONNECT PHYSICALLY ADJUSTABLE EQUIPMENT AND DEVICES THAT ARE PERMITTED IN THE PLENUM (NEC 300–22B, 22C)

DUCTS AND VENTS – EXHAUST DUCTS UNDER POSITIVE PRESSURE AND VENTING SYSTEMS SHALL NOT EXTEND INTO OR PASS THROUGH DUCTS OR PLENUMS. (CMC 602.1)

DWV AND RAINWATER PIPING – NOT PERMITTED TO EXTEND INTO OR PASS THROUGH THE PLENUM WHERE IT WILL PICK UP OBJECTIONABLE ORDERS, FUMES OR FLAMMABLE VAPOR'S. METAL PIPING IS PERMITTED, PROVIDED THE JOINTS ARE SEALED AND TESTED. (CMC 505)

GAS VALVES SHALL NOT BE LOCATED IN SUCH SPACES DUE TO THE POTENTIAL TO LEAK.

COMMUNICATION CABLES – CABLES INSTALLED IN DUCTS, PLENUMS, AND OTHER SPACES USED FOR ENVIRONMENT AIR SHALL BE TYPE CMP. TYPES CMP, CMR, CMG, CM AND CMX AND COMMUNICATIONS WIRE SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING, FLEXIBLE METAL TUBING, INTERMEDIATE METAL CONDUIT, RIGID METAL CONDUIT, FLEXIBLE METAL CONDUIT, OR, WHERE ACCESSIBLE, SURFACE METAL RACEWAY OR WIRE WAY WITH METAL COVERS OR SOLID BOTTOM METAL CABLE TRAY WITH SOLID METAL COVERS. (CEC 800.1545A, 300–22A,B,C)

WOOD FRAMING & PLYWOOD – NOT PERMITTED TO BE EXPOSED IN THE PLENUM UNLESS RATED CLASS I. (CMC 602.2)

SUSPENDED CEILINGS – RATED FOR PLENUM OR A MINIMUM OF 1–HOUR RATED.

INSULATION – CLASS I MATERIAL ONLY. BATTS NOT PERMITTED.

LIGHTING – SHALL HAVE A METAL ENCLOSURE, OR NONMETALLIC ENCLOSURE LISTED FOR THE USE WITH ADEQUATE FIRE–RESISTANT AND LOW SMOKE–PRODUCING (CLASS 1 FLAME SPREAD) AND ASSOCIATED WIRING MATERIAL SUITABLE FOR THE AMBIENT TEMPERATURE.

DUCT MATERIALS – CLASS "0" OR "1" ONLY.

AIR DISTRIBUTION SCHEDULE

(PRICE, MODULAR)

NECK SIZE	CFM	THROW
6 x 6	*100	A = 4 WAY
8 x 8	*180	B = 3 WAY
10 x 10	*300	C = 2 WAY OPP.
12 x 12	*400	D = 2 WAY CORNER
14 x 14	*500	E = 1 WAY
16 x 16	*700	X = EXHAUST
18 x 18	*950	

NECK SIZE (SQUARE) – THROW (X=EXHAUST)
128 / 300 CFM
DIFFUSER FACE TO BE 24x24 FOR T–BAR CEILINGS.

T–BAR CEILINGS, PROVIDE QUAD DAMPRS IN DUCTS GYP CEILINGS, PROVIDE OBD AT GRILLES COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPE. SELECT DIFFUSER MOUNTING TYPE ACCORDINGLY.

CEILING	T–BAR	T–BAR					
PRICE	PDMC	PDDR					
FACE TYPE	PR	PR					
MOUNTING	FL	FL					
PATTERN	ADJ	–					
DAMPER	VD	VD					
MATERIAL	ST	ST					
FINISH	W	W					
USE	SUPPLY	RETURN					

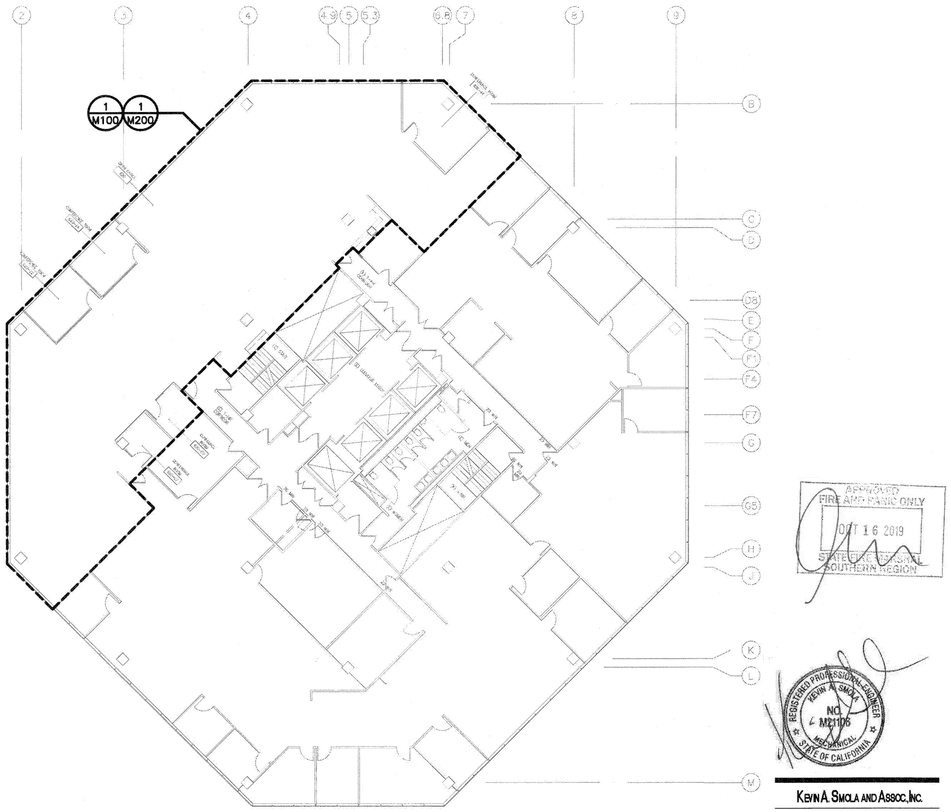
FACE TYPE:
RD – ROUND
PR – PERFORATED
SW – SIDEWALL
EG – EGGCRATE
MOUNTING:
FL – FLUSH
S – SURFACE

PATTERN:
ADJ – ADJUSTABLE
4W – FOUR WAY
FIX – FIXED

FINISHES:
W– WHITE

DAMPERS:
OBD – OPPOSED BLADE DAMPER
VD – VOLUME DAMPER

MATERIAL:
ST – STEEL



APPROVED FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

REGISTERED PROFESSIONAL ENGINEER KEVIN A. SMOLA NO. M21105 MECHANICAL STATE OF CALIFORNIA

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18025 ARROW HWY. STE. C
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FLOOR PLAN - 6TH FLOOR — SCALE: 1"=32'–0" — 1

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STAMP

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UCLA

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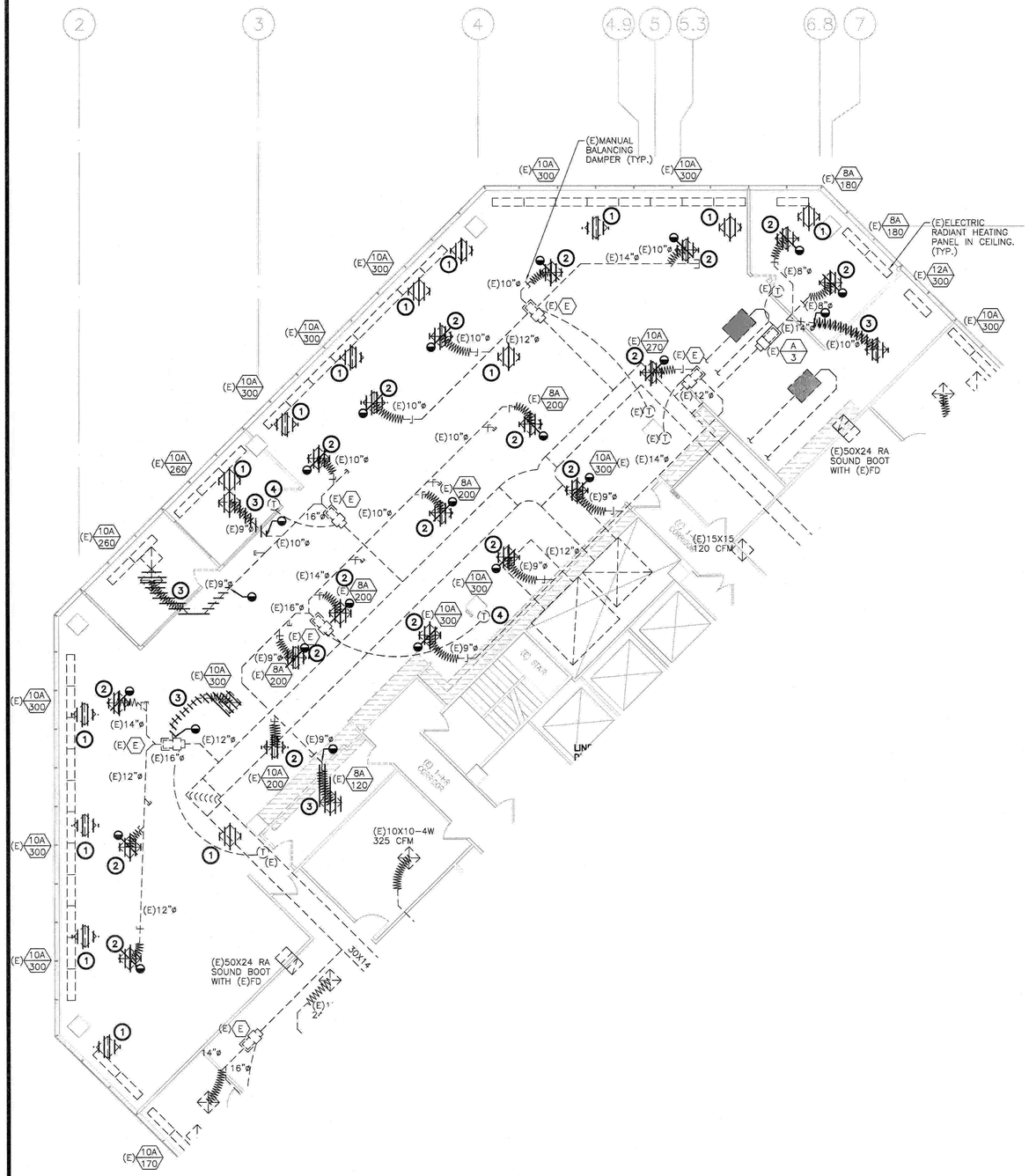
MECHANICAL
LEGENDS, SCHEDULES
AND NOTES

M-001



MECHANICAL PARTIAL DEMOLITION FLOOR PLAN - 6TH FLOOR

N

SCALE 1/8" = 1'-0"

1

WALL LEGEND

- NEW NON-RATED BUILDING STANDARD TENANT PARTITION. SEE DETAIL #4/D-1.0
- NEW BUILDING STANDARD DEMISING PARTITION. SEE DETAIL #7/D-1.0
- EXISTING PARTITION TO REMAIN.

SHEET LEGEND

- (E) HVAC WORK TO BE DEMOLISHED
- (E) HVAC WORK TO REMAIN
- (N) HVAC WORK
- POINT OF CONNECTION
- POINT OF DISCONNECTION
- CAP ON THE (E) DUCT IN AN APPROVED MANNER
- (E) T — EXISTING THERMOSTAT TO REMAIN
- T R — RELOCATED THERMOSTAT.
- T — NEW THERMOSTAT TO MATCH EXISTING.
- T PE — PE THERMOSTATIC SWITCH FOR PERIMETER RADIANT HEATERS (TO BE INSTALLED ABOVE CEILING).
- (E) T PE — EXISTING PE THERMOSTATIC SWITCH FOR PERIMETER RADIANT HEATERS (INSTALLED ABOVE CEILING) TO REMAIN.
- NEW VAV BOX
- EXISTING VAV BOX
- 10 / 200 — DIFFUSER TAG. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M0.1
- A / 1 — VAV BOX TAG SEE VAV BOX SCHEDULE ON SHEET M0.1
- # — EXISTING VAV BOX TAG (1ST GENERATION) SEE VAV BOX SCHEDULE ON SHEET M0.1
- EXISTING "RELOCATED" VAV BOX.
- #R
- R — EXISTING RELOCATED DIFFUSER IF NO NEW DUCT, RELOCATE TO MATCH CEILING.
- SUPPLY AIR DIFF. TOP – NECK SIZE 12 / BOTTOM – CFM 400
- 24"X24" RETURN AIR GRILLE
- SUPPLY AIR DIFF. TOP – NECK SIZE 12 / BOTTOM – CFM 400
- EXISTING 24"X24" RETURN GRILLE

HVAC NOTES

1. CONTRACTOR SHALL REPLACE, SECURE AND SERVICE ALL THERMOSTATS TO MAKE AND LEAVE OPERATING.
2. CONTRACTOR TO AIR BALANCE ALL DIFFUSERS AND VAV-BOXES AND CALIBRATE ALL CONTROLS (I.E. THERMOSTATS & CONTROLLERS).
3. PROVIDE VOLUME DAMPERS AT ALL NEW DUCT BRANCHES.
4. CAP AND SEAL THE DUCT OPENINGS WHICH ARE NOT USED, PER CODE AND IN AN APPROVED MANNER.
5. CONTRACTOR TO VERIFY THIS PLAN WITH ARCHITECTURAL PLANS BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCY IF THERE ARE ANY UNRESOLVED DISCREPANCIES, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
6. ARCHITECTURAL PLANS SHALL GOVERN ALL LOCATIONS.
7. OUTLETS TO SUIT THE NEW REFLECTIVE CEILING PLAN.
8. DIFFUSER LOCATIONS ARE SHOWN ONLY FOR GUIDANCE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS.
9. CONTRACTOR TO VERIFY LOCATION AND SIZES OF ALL BOXES AND AIR OUTLETS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL INFORM THE ARCHITECT ABOUT ANY DISCREPANCIES IN THE AIR QUANTITIES SO THAT THIS CAN BE RESOLVED BEFORE THE WORK STARTS.
10. VOLUME DAMPERS ARE REQUIRED AT ALL SUPPLY AIR DIFFUSERS. RELOCATE VD WITH DIFFUSERS TO BE RELOCATED IF REQUIRED.
11. VERIFY ALL THERMOSTAT MOUNTING LOCATIONS WITH CHIEF BUILDING ENGINEER PRIOR TO INSTALLATION.
12. CONTRACTOR TO REMOVE ALL EXISTING DUCTWORK, AC UNITS, INSULATION AND ALL ITEMS NOT REQUIRED FOR THE OPERATION OF NEW TENANT.
13. EXISTING HEAT PANELS AT PERIMETER WINDOWS THRU-OUT SUITE ARE TO BE CLEANED. REPAIR OR REPLACE DAMAGED HEAT PANELS AS REQUIRED. REWORK HEAT PANELS AS REQUIRED. RELOCATE EXISTING HEAT PANEL AWAY FROM PARTITIONS FOR PROPER CLEARANCE. REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION. RELOCATE HEAT PANEL THERMOSTATS AS NEEDED THROUGHOUT REMODEL AREA.
14. PROVIDE APPROPRIATELY SIZED SOUND BOOTS FOR RETURN AIR AT FULL HEIGHT PARTITIONS.
15. EXISTING HEAT PANELS ALONG PERIMETER OF THE BUILDING TO BE RETROFITTED. SEE HVAC & ELECTRICAL SPECIFICATIONS. NEW PE SWITCHES SHALL BE TIED TO THE SPECIFIC VAV BOX SERVING THE AREA IN WHICH THE HEAT PANELS ARE LOCATED.
16. CONTRACTOR AND SUBCONTRACTOR TO MEET WITH BUILDING ENGINEER PRIOR TO STARTING PE/HEAT PANEL RE-WORK TO ENSURE HARMONICS AND BUILDING STANDARDS ARE COMPLIED WITH.

GENERAL NOTES

1. CONTRACTOR SHALL REPLACE, SECURE AND SERVICE ALL THERMOSTATS TO MAKE AND LEAVE OPERATING.
2. CAP AND SEAL THE DUCT OPENINGS WHICH ARE NOT USED, PER CODE AND IN AN APPROVED MANNER.
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4. CONTRACTOR TO VERIFY LOCATION AND SIZES OF ALL BOXES AND AIR OUTLETS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL INFORM THE ARCHITECT ABOUT ANY DISCREPANCIES IN THE AIR QUANTITIES SO THAT THIS CAN BE RESOLVED BEFORE THE WORK STARTS.
5. DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.
6. "LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT
7. "HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT.
8. DUCTWORK FOR ENTIRE ZONES SHOWN FOR AIR TESTING AND BALANCING PURPOSES.
9. CROSS-HATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

1. DEMOLISH EXISTING RETURN AIR GRILLE AND REPLACE WITH NEW. SEE SHEET M-200 FOR NEW RETURN AIR GRILLE.
2. DEMOLISH EXISTING SUPPLY AIR DIFFUSER AND REPLACE WITH NEW. SEE SHEET M-200 FOR NEW SUPPLY AIR DIFFUSER.
3. DEMOLISH EXISTING DUCTWORK AND DIFFUSER.
4. RELOCATE (E)THERMOSTAT. SEE 1/M-200 FOR NEW LOCATION.

APPROVED FIRE AND PANIC ONLY
OCT 16 2019
STATE FIRE MARSHAL SOUTHERN REGION

REGISTERED PROFESSIONAL ENGINEER KEVIN A. SMOLA NO. M21105 MECHANICAL STATE OF CALIFORNIA

KEVIN A. SMOLA AND ASSOC, INC.
CONSULTING MECHANICAL ENGINEERS
16025 ARROW HWY. STE. C
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15206 VENTURA BLVD. SUITE 201, SHERMAN OAKS, CA 90403
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STAMP

REVISIONS

	DATE	DESCRIPTION
1	07/24/19	ISSUED FOR ENGINEERING
	09/17/19	ISSUED FOR REVIEW
	09/27/19	ISSUED FOR TENANT AND LANDLORD REVIEW
	10/07/19	CP OTC PLAN CHECK SUBMITTAL
	10/16/19	CP OTC PLAN CHECK

UCLA

UCLA WILSHIRE CENTER

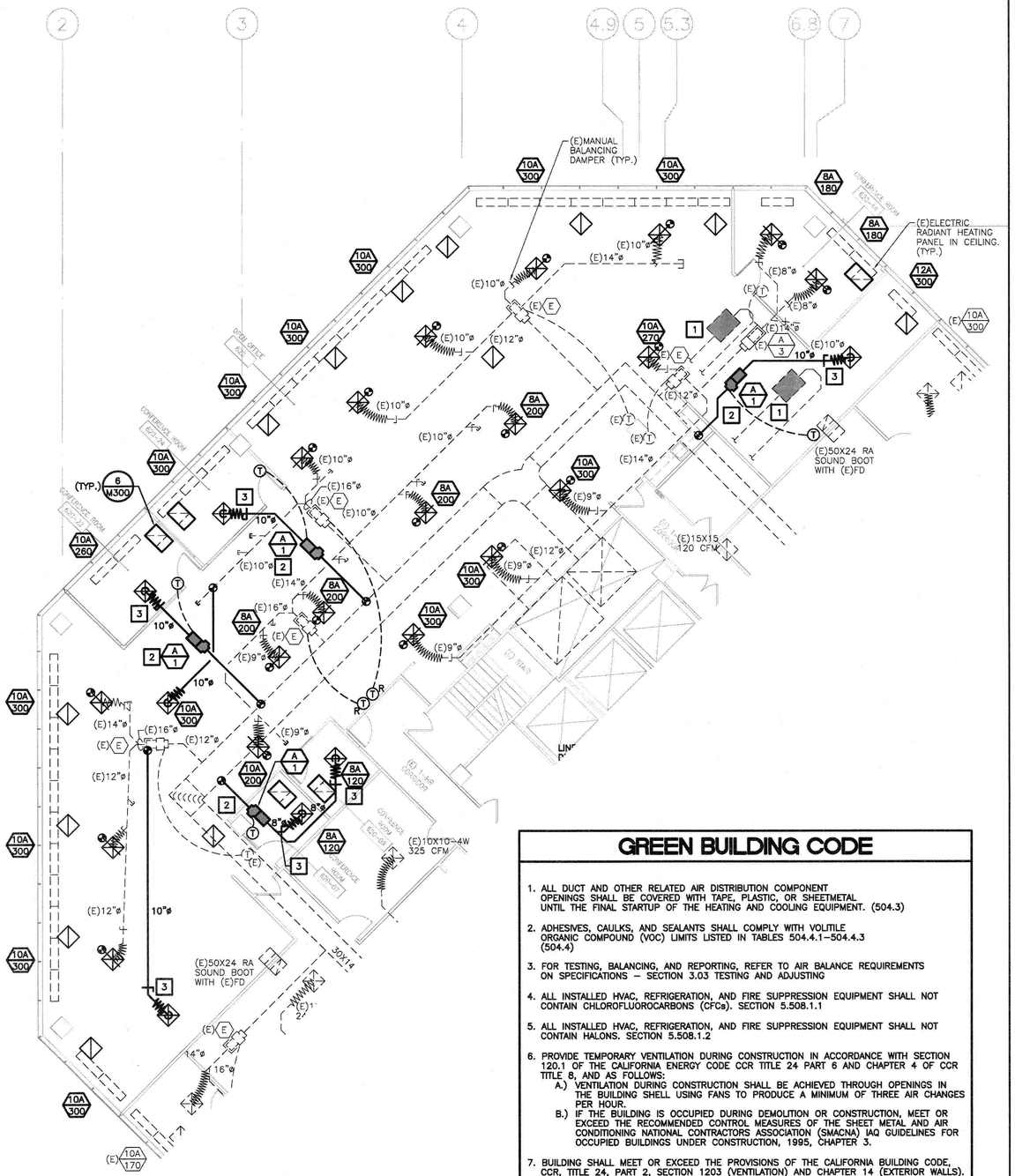
SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/16/19	DRAWN BY: CM
PROJECT NO.: MG 2019-015	CHECKED BY: KS
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

MECHANICAL
PARTIAL DEMOLITION
FLOOR PLAN
SUITE 620

M-100



WALL LEGEND

- NEW NON-RATED BUILDING STANDARD TENANT PARTITION. SEE DETAIL #4/D-1.0
- NEW BUILDING STANDARD DEMISING PARTITION. SEE DETAIL #7/D-1.0
- EXISTING PARTITION TO REMAIN.

SHEET LEGEND

- (E) HVAC WORK TO BE DEMOLISHED
- (E) HVAC WORK TO REMAIN
- (N) HVAC WORK
- POINT OF CONNECTION
- POINT OF DISCONNECTION
- CAP ON THE (E) DUCT IN AN APPROVED MANNER
- (E)T EXISTING THERMOSTAT TO REMAIN
- T_R RELOCATED THERMOSTAT.
- T NEW THERMOSTAT TO MATCH EXISTING.
- T_{PE} PE THERMOSTATIC SWITCH FOR PERIMETER RADIANT HEATERS (TO BE INSTALLED ABOVE CEILING).
- (E)T_{PE} EXISTING PE THERMOSTATIC SWITCH FOR PERIMETER RADIANT HEATERS (INSTALLED ABOVE CEILING) TO REMAIN.
- NEW VAV BOX
- EXISTING VAV BOX
- 10/200 DIFFUSER TAG. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M0.1
- A/1 VAV BOX TAG SEE VAV BOX SCHEDULE ON SHEET M0.1
- (#) EXISTING VAV BOX TAG (1ST GENERATION) SEE VAV BOX SCHEDULE ON SHEET M0.1
- EXISTING "RELOCATED" VAV BOX.
- (#)$_R$
- $\boxtimes_R$ EXISTING RELOCATED DIFFUSER IF NO NEW DUCT, RELOCATE TO MATCH CEILING.
- SUPPLY AIR DIFF. TOP – NECK SIZE 12, BOTTOM – CFM 400
- 24"X24" RETURN AIR GRILLE
- SUPPLY AIR DIFF. TOP – NECK SIZE 12, BOTTOM – CFM 400
- EXISTING 24"X24" RETURN GRILLE

HVAC NOTES

1. CONTRACTOR SHALL REPLACE, SECURE AND SERVICE ALL THERMOSTATS TO MAKE AND LEAVE OPERATING.
2. CONTRACTOR TO AIR BALANCE ALL DIFFUSERS AND VAV-BOXES AND CALIBRATE ALL CONTROLS (I.E. THERMOSTATS & CONTROLLERS).
3. PROVIDE VOLUME DAMPERS AT ALL NEW DUCT BRANCHES.
4. CAP AND SEAL THE DUCT OPENINGS WHICH ARE NOT USED, PER CODE AND IN AN APPROVED MANNER.
5. CONTRACTOR TO VERIFY THIS PLAN WITH ARCHITECTURAL PLANS BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCY IF THERE ARE ANY UNRESOLVED DISCREPANCIES, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
6. ARCHITECTURAL PLANS SHALL GOVERN ALL LOCATIONS.
7. OUTLETS TO SUIT THE NEW REFLECTIVE CEILING PLAN.
8. DIFFUSER LOCATIONS ARE SHOWN ONLY FOR GUIDANCE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS.
9. CONTRACTOR TO VERIFY LOCATION AND SIZES OF ALL BOXES AND AIR OUTLETS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL INFORM THE ARCHITECT ABOUT ANY DISCREPANCIES IN THE AIR QUANTITIES SO THAT THIS CAN BE RESOLVED BEFORE THE WORK STARTS.
10. VOLUME DAMPERS ARE REQUIRED AT ALL SUPPLY AIR DIFFUSERS. RELOCATE VD WITH DIFFUSERS TO BE RELOCATED IF REQUIRED.
11. VERIFY ALL THERMOSTAT MOUNTING LOCATIONS WITH CHIEF BUILDING ENGINEER PRIOR TO INSTALLATION.
12. CONTRACTOR TO REMOVE ALL EXISTING DUCTWORK, AC UNITS, INSULATION AND ALL ITEMS NOT REQUIRED FOR THE OPERATION OF NEW TENANT.
13. EXISTING HEAT PANELS AT PERIMETER WINDOWS THRU-OUT SUITE ARE TO BE CLEANED. REPAIR OR REPLACE DAMAGED HEAT PANELS AS REQUIRED. REWORK HEAT PANELS AS REQUIRED. RELOCATE EXISTING HEAT PANEL AWAY FROM PARTITIONS FOR PROPER CLEARANCE. REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION. RELOCATE HEAT PANEL THERMOSTATS AS NEEDED THROUGHOUT REMODEL AREA.
14. PROVIDE APPROPRIATELY SIZED SOUND BOOTS FOR RETURN AIR AT FULL HEIGHT PARTITIONS.
15. EXISTING HEAT PANELS ALONG PERIMETER OF THE BUILDING TO BE RETROFITTED. SEE HVAC & ELECTRICAL SPECIFICATIONS. NEW PE SWITCHES SHALL BE TIED TO THE SPECIFIC VAV BOX SERVING THE AREA IN WHICH THE HEAT PANELS ARE LOCATED.
16. CONTRACTOR AND SUBCONTRACTOR TO MEET WITH BUILDING ENGINEER PRIOR TO STARTING PE/HEAT PANEL RE-WORK TO ENSURE HARMONICS AND BUILDING STANDARDS ARE COMPLIED WITH.

GENERAL NOTES

1. CONTRACTOR SHALL REPLACE, SECURE AND SERVICE ALL THERMOSTATS TO MAKE AND LEAVE OPERATING.
2. CAP AND SEAL THE DUCT OPENINGS WHICH ARE NOT USED, PER CODE AND IN AN APPROVED MANNER.
3. DIFFUSER LOCATIONS ARE SHOWN ONLY FOR GUIDANCE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS.
4. CONTRACTOR TO VERIFY LOCATION AND SIZES OF ALL BOXES AND AIR OUTLETS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL INFORM THE ARCHITECT ABOUT ANY DISCREPANCIES IN THE AIR QUANTITIES SO THAT THIS CAN BE RESOLVED BEFORE THE WORK STARTS.
5. DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.
6. "LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT
7. "HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT.
8. DUCTWORK FOR ENTIRE ZONES SHOWN FOR AIR TESTING AND BALANCING PURPOSES.
9. CROSS-HATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

NEW PLAN NOTES

1. EXISTING WATER SOURCE HEAT PUMP. SERVING ADJACENT SPACE (NIC).
2. LOCATE AND INSTALL VAV BOX IN ORDER TO PROVIDE ADEQUATE CLEARANCE (2'-0") IN FRONT OF CONTROLS SECTION OF VAV BOX. TYPICAL FOR EXISTING RELOCATED VAV BOXES.
3. MANUAL BALANCING DAMPER.

GREEN BUILDING CODE

1. ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEETMETAL UNTIL THE FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT. (504.3)
2. ADHESIVES, CAULKS, AND SEALANTS SHALL COMPLY WITH VOLITILE ORGANIC COMPOUND (VOC) LIMITS LISTED IN TABLES 504.4.1–504.4.3 (504.4)
3. FOR TESTING, BALANCING, AND REPORTING, REFER TO AIR BALANCE REQUIREMENTS ON SPECIFICATIONS – SECTION 3.03 TESTING AND ADJUSTING
4. ALL INSTALLED HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN CHLOROFLUOROCARBONS (CFCs). SECTION 5.508.1.1
5. ALL INSTALLED HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN HALONS. SECTION 5.508.1.2
6. PROVIDE TEMPORARY VENTILATION DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 120.1 OF THE CALIFORNIA ENERGY CODE CCR TITLE 24 PART 6 AND CHAPTER 4 OF CCR TITLE 8, AND AS FOLLOWS:
   A.) VENTILATION DURING CONSTRUCTION SHALL BE ACHIEVED THROUGH OPENINGS IN THE BUILDING SHELL USING FANS TO PRODUCE A MINIMUM OF THREE AIR CHANGES PER HOUR.
   B.) IF THE BUILDING IS OCCUPIED DURING DEMOLITION OR CONSTRUCTION, MEET OR EXCEED THE RECOMMENDED CONTROL MEASURES OF THE SHEET METAL AND AIR CONDITIONING NATIONAL CONTRACTORS ASSOCIATION (SMACNA) IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION, 1995, CHAPTER 3.
7. BUILDING SHALL MEET OR EXCEED THE PROVISIONS OF THE CALIFORNIA BUILDING CODE, CCR, TITLE 24, PART 2, SECTION 1203 (VENTILATION) AND CHAPTER 14 (EXTERIOR WALLS). SECTION 5.505.1

MECHANICAL PARTIAL FLOOR PLAN - 6TH FLOOR | N | SCALE 1/8" = 1'-0" | 1

APPROVED FIRE AND LIFE SAFETY ONLY OCT 16 2019 STATE FIRE MARSHAL SOUTHERN REGION

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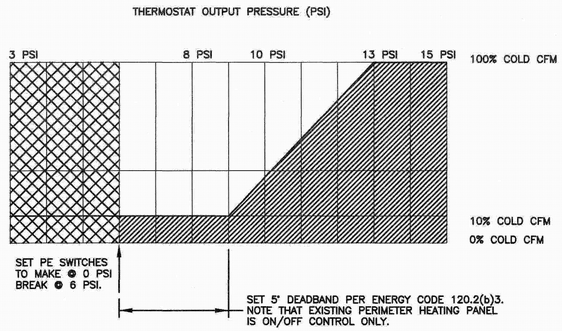
MECHANICAL
PARTIAL FLOOR PLAN
SUITE 620

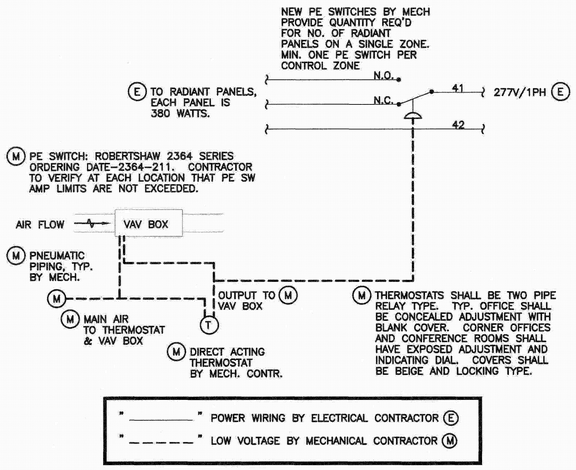
M-200

NOTE: INTERIOR ZONE CONTROL IS SIMILAR EXCEPT THAT NO RADIANT PANEL INTERLOCK IS REQUIRED.



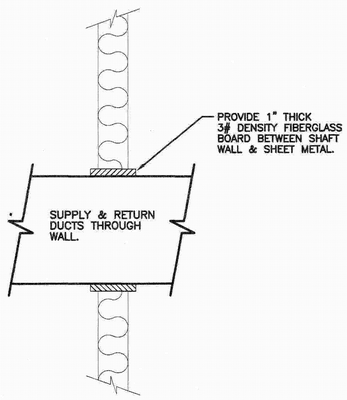
VAV BOX CONTROL POINTS

SCALE: NONE | 9



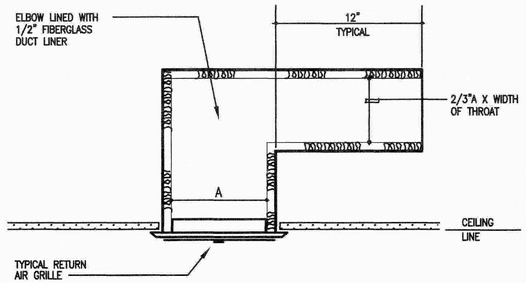
RADIANT HEATING PANEL

SCALE: NONE | 8



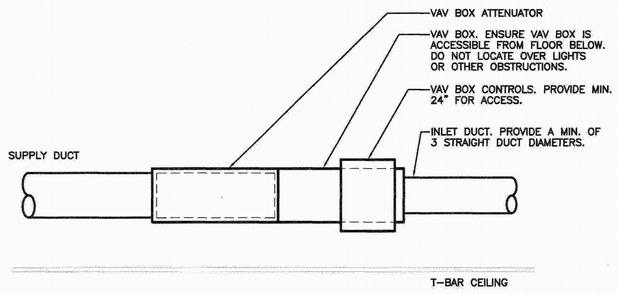
DUCT THRU NON-RATED WALL

SCALE: NONE | 7



RETURN AIR BOOT DETAIL

SCALE: NONE | 6

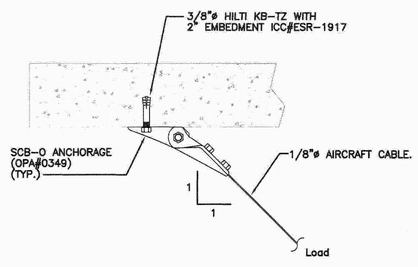


NOTES:

1. HANG VAV BOX AND ASSOCIATED DUCTWORK PER SMACNA INSTALLATION STANDARDS FOR DUCTWORK.
2. CONTROL BOX ACCESS APPLIES TO BOTH HOT AND COLD SIDES. SEE PLANS FOR EXACT LOCATIONS.

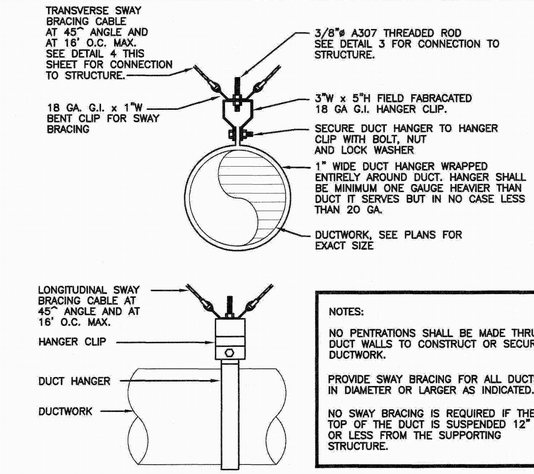
VAV BOX INSTALLATION DETAIL

SCALE: NONE | 5



BRACE CONNECTION DETAIL

SCALE: NONE | 4



DIAMETER "D"		ALLOWABLE LOAD (IN TENSION)		MINIMUM EMBEDMENT "E"	
IN.	(MM)	IN.	(MM)	IN.	(MM)
3/8"	(9)	605	(2.69)	2 1/2"	(63)
1/2"	(13)	1000	(4.45)	3 1/2"	(89)
5/8"	(16)	1335	(5.94)	4"	(101)
3/4"	(19)	1940	(8.63)	4 3/4"	(120)

*HILTI KB TZ IN 3000 PSI (20.7 MPA) MINIMUM NORMAL WEIGHT CONCRETE.
NOTE: A FLEXIBLE CONNECTION MAY BE USED WHEN SEISMIC BRACING IS NOT REQUIRED.

HANGER ANCHORING DETAIL

SCALE: NONE | 3

NOTES:

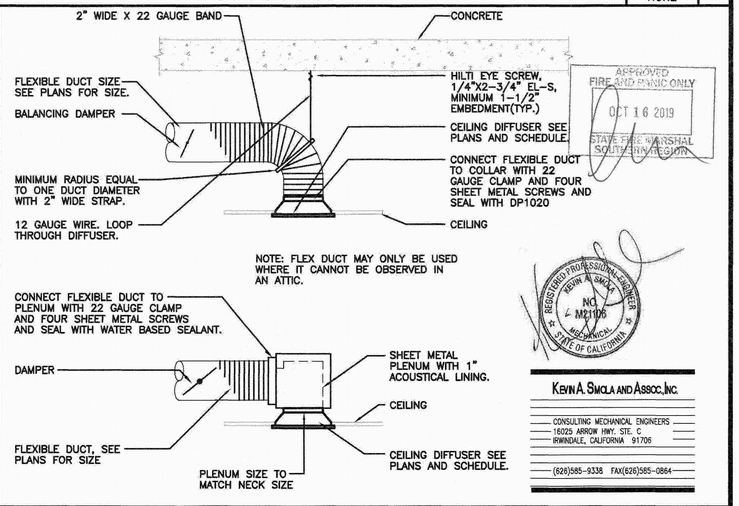
NO PENTRATIONS SHALL BE MADE THRU DUCT WALLS TO CONSTRUCT OR SECURE DUCTWORK.

PROVIDE SWAY BRACING FOR ALL DUCTS 28" IN DIAMETER OR LARGER AS INDICATED.

NO SWAY BRACING IS REQUIRED IF THE TOP OF THE DUCT IS SUSPENDED 12" OR LESS FROM THE SUPPORTING STRUCTURE.

DUCT HANGER DETAIL

SCALE: NONE | 2



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DIFFUSER DUCT CONNECTOR DETAIL

SCALE: NONE | 1

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MECHANICAL DETAILS

M-300

STATE OF CALIFORNIA

MECHANICAL SYSTEMS

CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 1 of 4)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

A. MECHANICAL COMPLIANCE DOCUMENTS & WORKSHEETS (check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2016 Nonresidential Manual

Note: The Enforcement Agency may require all forms to be incorporated onto the building plans.

YES	NO	Comp. Doc./Worksheet #	Title
☑	☐	NRCC-MCH-01-E (Part 1 of 3)	Certificate of Compliance, Declaration. Required on plans for all submittals.
☑	☐	NRCC-MCH-01-E (Part 2 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-02-A to 11-A). Required on plans for all submittals.
☑	☐	NRCC-MCH-01-E (Part 3 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-12-A to 18-A). Required on plans where applicable.
☐	☑	NRCC-MCH-02-E (Part 1 of 2)	Mechanical Dry Equipment Summary is required for all submittals with Central Air Systems. It is optional on plans.
☐	☑	NRCC-MCH-02-E (Part 2 of 2)	Mechanical Wet Equipment Summary is required for all submittals with chilled water, hot water or condenser water systems. It is optional on plans.
☑	☐	NRCC-MCH-03-E	Mechanical Ventilation and Reheat is required for all submittals with multiple zone heating and cooling systems. It is optional on plans.
☐	☑	NRCC-MCH-07-E (Part 1 of 2)	Power Consumption of Fans. Required on plans where applicable
☐	☑	NRCC-MCH-07-E (Part 2 of 2)	Power Consumption of Fans, Declaration. Required on plans where applicable

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STATE OF CALIFORNIA

MECHANICAL SYSTEMS

CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 2 of 4)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

B. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)

Test Performed By:

Designer:
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.

Installing Contractor:
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency:
Plancheck – The NRCC-MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked.
Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operations.

Test Description		MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-08-A	MCH-09-A	MCH-10-A	MCH-11-A
Equipment Requiring Testing or Verification	# of Units	Outdoor Air	Single Zone Unitary	Air Distribution Ducts	Economizer Controls	Demand Control Ventilation (DCV)	Supply Fan VAV	Valve Leakage Test	Supply Water Temp. Reset	Hydronic System Variable Flow Control	Automatic Demand Shed Control
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STATE OF CALIFORNIA

MECHANICAL SYSTEMS

CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 3 of 4)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

C. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)

Test Performed By:

Designer:
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Installing Contractor:
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency:
Plancheck – The NRCC-MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked.
Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operations.

Test Description		MCH-12-A	MCH-13-A	MCH-14-A	MCH-15-A	MCH-16-A	MCH-17-A	MCH-18-A
Equipment Requiring Testing or Verification	# of Units	Fault Detection & Diagnostics for DX Units	Automatic Fault Detection & Diagnostics for Air & Zone	Distributed Energy Storage DX AC Systems	Thermal Energy Storage (TES) Systems	Supply Air Temperature Reset Controls	Condenser Water Reset Controls	ECMS
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STATE OF CALIFORNIA

MECHANICAL SYSTEMS

CEC-NRCC-MCH-01-E (Revised 01/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-01-E
Mechanical Systems	(Page 4 of 4)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Christian Martinez	Documentation Author Signature:
Company: Kevin A. Smola and Associates	Signature Date: 9/27/2019
Address: 16025 Arrow Hwy, Suite C	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Irwindale, CA 91706	Phone: 626-585-9338

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Kevin A. Smola	Responsible Designer Signature:
Company: Kevin A. Smola and Associates	Date Signed: 9/27/2019
Address: 16025 Arrow Hwy. Ste. C	License: M21106
City/State/Zip: Irwindale, CA 91706	Phone: 626-585-9338

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 1 of 2)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)						AREA BASIS			OCCUPANCY BASIS			ROOM BASIS	MINIMUM		VAV Reheated Primary Air CFM			VAV Deadband Primary Air CFM		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE / SYSTEM/ VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY DEADBAND AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	CNTRL TYPE DDC (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (ft²)	MIN CFM PER AREA	MIN CFM BY AREA	NUM. OF PEOPLE	CFM PER PERSON	MIN CFM BY OCCUPANT	MIN CFM BY ROOM	REQ'D VENT AIRFLOW (CFM)	COMPLIES?	PERCENTAGE BASED DESIGN PRIMARY COOLING AIR (CFM)	MAXIMUM REHEAT (CFM)	COMPLIES?	% BASED DESIGN PRIM COOLING AIR (CFM)	MAX DEAD-BAND AIRFLOW (CFM)	COMPLIES?
A-1 (620-22)	260	52	0	Y		141	0.15	21	0.7	30.0	21		21	☒ Pass ☐ Fail	130	130	☒ Pass ☐ Fail ☐ N/A	52	52	☒ Pass ☐ Fail ☐ N/A
A-1 (620-24)	260	52	0	Y		141	0.15	21	0.7	30.0	21		21	☒ Pass ☐ Fail	130	130	☒ Pass ☐ Fail ☐ N/A	52	52	☒ Pass ☐ Fail ☐ N/A
A-1 (620-07 & 6	120	24	0	Y		156	0.15	23	0.8	30.0	23		23	☒ Pass ☐ Fail	60	60	☒ Pass ☐ Fail ☐ N/A	24	24	☒ Pass ☐ Fail ☐ N/A
A-1 (620)	260	52	0	Y		300	0.15	45	1.5	30.0	45		45	☒ Pass ☐ Fail	130	130	☒ Pass ☐ Fail ☐ N/A	52	52	☒ Pass ☐ Fail ☐ N/A
											Total		111	☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A
														☐ Pass ☐ Fail			☐ Pass ☐ Fail ☐ N/A			☐ Pass ☐ Fail ☐ N/A

STATE OF CALIFORNIA

MECHANICAL VENTILATION AND REHEAT

CEC-NRCC-MCH-03-E (Revised 05/16) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-03-E
Mechanical Ventilation & Reheat	(Page 2 of 2)
Project Name: UCLA Wilshire Center Suite 620	Date Prepared: 9/27/2019

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Christian Martinez	Documentation Author Signature:
Company: Kevin A. Smola and Associates	Signature Date: 9/27/2019
Address: 16025 Arrow Hwy, Suite C	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Irwindale, CA 91706	Phone: 626-585-9338

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Kevin A. Smola	Responsible Designer Signature:
Company: Kevin A. Smola and Associates	Date Signed: 9/27/2019
Address: 16025 Arrow Hwy. Ste. C	License: M21106
City/State/Zip: Irwindale, CA 91706	Phone: 626-585-9338

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OCT 16 2019
STATE FIRE MARSHAL
SOUTHERN REGION

KEVIN A. SMOLA
NO. M21106

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T | 310 804-5027

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UCLA

UCLA WILSHIRE CENTER
SUITE 620 RECONFIGURE
10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/16/19	DRAWN BY: CM
PROJECT NO.: MG 2019-015	CHECKED BY: KS
UCLA PROJ. NO.: 20190409-1237-11	CP NO.: CP 1132

MECHANICAL
TITLE 24 FORMS

M-T24

SYMBOLS/ABBREVIATIONS/DEFINITIONS

SYMBOL	ABBREV.	DEFINITION
//////////	DEMO	DEMOLISH
—ICW—	ICW	INDUSTRIAL COLD WATER
— — —	CW	COLD WATER
— — —	HW	HOT WATER
— — — —	HWR	HOT WATER RETURN
———	S (OR) W	SEWER OR WASTE ABOVE GRADE
— — —	S (OR) W	SEWER OR WASTE BELOW GRADE
— — — —	V	VENT
—D—	D	INDIRECT DRAIN
—SD—	SD	STORM DRAIN ABOVE GRADE
— —SD— —	SD	STORM DRAIN BELOW GRADE
—G—	G	GAS — LOW PRESSURE
—MG—	MG	GAS — MEDIUM PRESSURE
—N2—	N2	NITROGEN
—CA—	CA	COMPRESSED AIR
—DI—	DI	DEIONIZATION
—O2—	O2	OXYGEN
—VAC—	VAC	VACUUM
—F—	F	FIRE PROTECTION SUPPLY
—CSP—	CSP	COMBINATION STANDPIPE
—AS—	AS	AUTOMATIC FIRE SPRINKLERS
—SPD—	SPD	SUMP PUMP DISCHARGE
—SED—	SED	SEWAGE EJECTOR DISCHARGE
—FOS—	FOS	FUEL OIL SUPPLY
—FOR—	FOR	FUEL OIL RETURN
----FOV---	FOV	FUEL OIL VENT
—⋈—	GV	GATE VALVE
—⋈—	GLV	GLOBE VALVE
—⋈—	BLV	BALL VALVE
	ANV	ANGLE VALVE
—⋈—	CV	SWING CHECK VALVE
—⋈—	NCV	NON-SLAM CHECK VALVE
—⋈—	BC	BALANCING COCK
—⋈—	PRV	PRESSURE REDUCING VALVE
	PTR	PRESSURE-TEMPERATURE RELIEF VALVE
—⋈—	BFP	BACKFLOW PREVENTER
—⋈—	GC	GAS COCK, GAS STOP
—⋈—	FHV	FIRE HOSE VALVE
═══	FHC	FIRE HOSE CABINET (SURFACE MOUNTED)
═══	FHC	FIRE HOSE CABINET (RECESSED)
—□—	FS	FLOW SWITCH
—□—	PS	PRESSURE SWITCH
———	DN	RISER DOWN
—○—		RISER UP
—⊙—		RISE OR DROP
—⊘—		VALVE IN RISER
—⊩—	WCO	WALL CLEANOUT
—⊢—	CO	CLEANOUT PLUG
— —⊖	FCO	FOOR CLEANOUT, CLEANOUT TO GRADE
——⊣		CAP OR PLUG ON END OF PIPE
— — —+	HB	HOSE BIBB
— — —•—	WHA	WATER HAMMER ARRESTOR
— RO —	RO	REVERSE OSMOSIS WATER
◪	POC	POINT OF CONNECTION
	IE	INVERT ELEVATION
	HDR	HEADER
	FU	PLUMBING FIXTURE UNIT
	SPO	SOIL PLUGGED OUTLET
	VCO	VENT CAPPED OUTLET
	FPC	FIRE PROTECTION OUTLET
	SCW	SOFT COLD WATER

ABBREV/DEFINITIONS

ABBREV.	DEFINITION
ABV	ABOVE
AFF	ABOVE FINISH FLOOR
AD	ACCESS DOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BEL	BELOW
BLDG	BUILDING
C	COLD AIR
CA	COMPRESSED AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DI	DEIONIZATION
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
EL	ELEVATION
ENCL	ENCLOSURE
EXH	EXHAUST
EXIST	EXISTING
FD	FIRE DAMPER
FG	FLOOR GRILLE
FIN	FINISH
FLR	FLOOR
FPF	FINS PER FOOT
FS	FLOOR SINK
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
N_2	NITROGEN
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
FA	FRESH AIR
PLBG	PLUMBING
POC	POINT OF CONNECTION
SCR	SCREEN
SCW	SOFT COLD WATER
SM	SHEET METAL
TEMP	TEMPERATURE
TYP	TYPICAL
VAC	VACUUM
VD	VOLUME DAMPER
VTR	VENT THROUGH ROOF

GENERAL NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL CALIFORNIA STATE, LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
2. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION OF UTILITIES AT POINTS OF CONNECTION, SIZE AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING SEWER INVERT ELEVATIONS AND WATER PRESSURE BEFORE START OF ANY WORK CONTRACTOR IS TO OBTAIN THE SERVICES OF A PIPE LOCATION COMPANY TO VERIFY ANY PIPE LOCATIONS FOR CONNECTIONS TO BE MADE BELOW.
3. THE WORK FOR THIS PROJECT INVOLVES ADDITIONS TO AND ALTERATIONS OF THE EXISTING BUILDING TO ACHIEVE THE ARRANGEMENT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL VISIT THE JOBSITE TO DETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. THE ARCHITECTURAL DRAWINGS FOR THESE AREAS SHOW THE CHANGES TO BE MADE. THE CONTRACTOR SHALL REVISE, REARRANGE, RE-ROUTE OR REMOVE EXISTING PIPING AS INDICATED TO ACCOMMODATE THE CHANGES AND ADDITION SHOWN TO PROVIDE CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN IN OPERATIONS.
4. ALL WORK THAT INVOLVES A SHUT-DOWN OF EXISTING BUILDING UTILITIES OR PORTIONS THEREOF, SHALL BE DONE AT SUCH TIMES AS WILL CAUSE THE LEAST INCONVENIENCE TO THE BUILDING'S ACTIVITIES, OR AT THE APPROVAL OF THE ARCHITECT. THE EXACT TIME AND LENGTH OF SHUT-DOWN SHALL BE ARRANGED WITH THE ARCHITECT OR THE BUILDING ENGINEER AT LEAST SEVEN (7) DAYS BUT NOT MORE THAN THIRTY FIVE (35) DAYS IN ADVANCE OF THE REQUIRED SHUT-DOWN.
5. DRAWINGS INDICATE SIZE AND TERMINATION OF PIPING AND SUGGEST PROPER ROUTES OF PIPING TO CONFORM THE STRUCTURE TO AVOID OBSTRUCTION AND TO PRESERVE CLEARANCE. IT IS NOT THE INTENTION TO INDICATE ALL NECESSARY OFFSETS AND IT SHALL BE THE RESPONSIBILITY UNDER THIS SECTION TO INSTALL PIPING IN SUCH A MANNER AS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MAKE ALL EQUIPMENT REQUIRING INSPECTION, MAINTENANCE AND REPAIR ACCESSIBLE WITH OUR FURTHER INSPECTIONS OR EXTRA COST.
6. CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OF WORK.
7. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURES AND EQUIPMENT LOCATIONS.

GOVERNING CODES

2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
(INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE, PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
2016 CALIFORNIA ENERGY CODE, TITLE 24 PART 6
2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
2016 CALIFORNIA GREEN BUILDING STANDARD CODE, TITLE 24 PART 11 (CALGREEN)
2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12
2019 UCLA CAMPUS STANDARD

SCOPE OF WORK

OFFICE T.I., INSTALL NEW SINK, WATER HEATER, AND GARBAGE DISPOSER FOR PANTRY SPACE. INSTALL NEW COLD AND HOT WATER DISPENSER. RE-CONNECT TO EXISTING BUILDING PLUMBING SYSTEMS.

SHEET INDEX

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	TRAP	VENT	COLD WATER	HOT WATER	REMARKS
* S 1	SINK (ADA)	2"	2"	1-1/2"	3/4"	3/4"	"JUST" #US-ADA-1818-A, STAINLESS STEEL 18 GA. WITH "DELTA" #101LF-HDF, SINGLE HANDLE FAUCET, 8" FIXED CENTERS, 3 AND 4 HOLE SINK APPLICATIONS, (1.5 GPM). PROVIDE "ELKAY" #ERS11Y (1 GPH) CHILLER, 115V/60Hz, 140 RATED WATTS AND "ELKAY" #1110 GLASS FILLER.
HWD 1	HOT WATER DISPENSER	–	–	–	3/8"	3/8"	"IN-SINK-ERATOR" INSTANT HOT & COLD WATER DISPENSER, MODEL #HC-VIEW-SS WITH 2/3-GALLON HOT WATER TANK, ADJUSTABLE TEMPERATURE FROM 160°F TO 210°F AND INSTANT, SELF-CLOSING HOT VALVE. 115V A.C., 750 WATTS, 6.5 AMP HEATING ELEMENT WITH GROUNDED 3 PRONG PLUG.
GD 1	GARBAGE DISPOSAL	2"	–	–	–	–	"IN SINK ERATOR" GARBAGE DISPOSAL AND 110V CONNECTION, 8.1 AMPS.

* SEE DETAIL 3/SHEET P-100 FOR INSTALLATION OF GLASS FILLER AND FLOOD STOPPER.

ELECTRIC WATER HEATER SCHEDULE

SYMBOL	LOCATION	MODEL	OPER. TEMP.	KW	VOLT	PHASE	AMPS	WRKNG. PRESS	OPER. WEIGHT	REMARKS
WH 1	SEE SHEET P-100	EEMAX SP60	105°	6.0	277	1	22	150	4	UL APPROVED, 0.7 GPM ACTIVATION, WALL MOUNTED, UL APPROVED, NSF 61 SECTION 9 COMPLIANT, AND ADA COMPLIANT.

PIPE MATERIALS

1. DOMESTIC WATER PIPE SHALL BE COPPER TYPE K
2. WASTE AND VENT PIPING SHALL BE CAST IRON NO-HUB WITH STAINLESS STEEL COUPLINGS, SERVICE WEIGHT
3. REFER TO SPECIFICATIONS FOR ASSOCIATED FITTINGS METHODS, AND JOINING METHODS.

EQUIPMENT NOTE

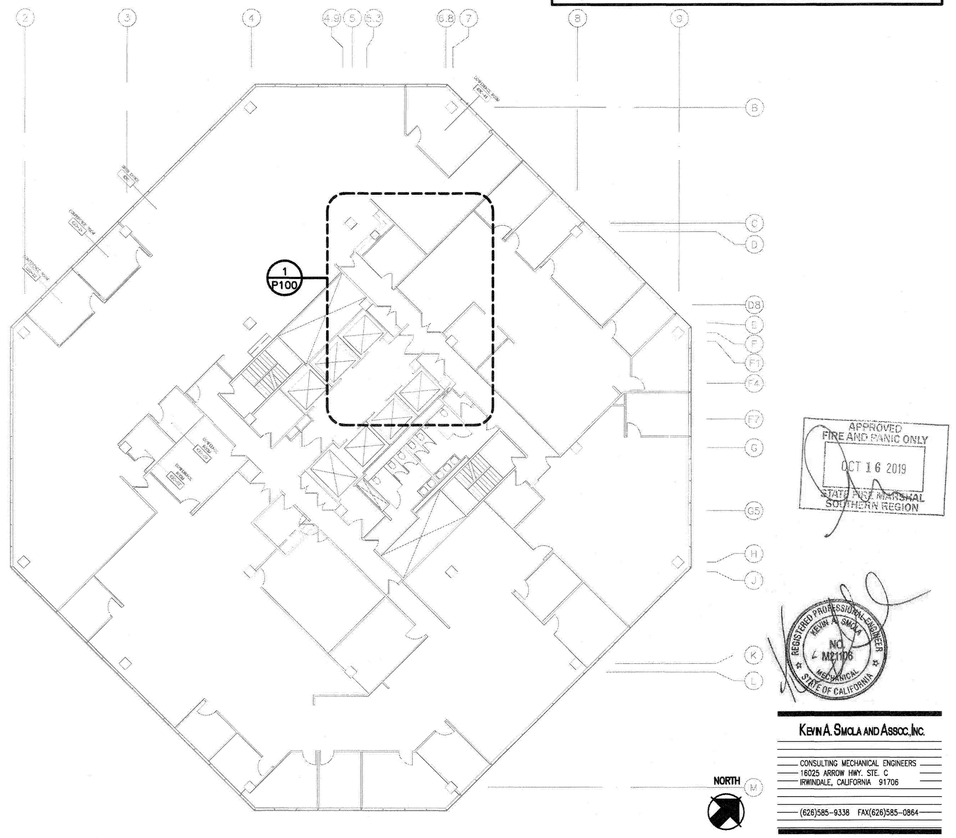
ALL EXISTING EQUIPMENT IS MARKED "(E)" ON THESE PLANS. ANY EQUIPMENT NOT MARKED WITH "(E)" SHALL BE CONSIDERED NEW.

LEAD FREE ORDINANCE

ALL FIXTURES, MATERIALS ETC IN DOMESTIC WATER SYSTEM SHALL COMPLY WITH LEAD FREE ORDINANCE. MANUFACTURER SHALL INCLUDE CLEAR STATEMENT WITH EACH SUBMITTAL.

GREEN BUILDING CODE

1. PLUMBING FIXTURES AND FITTINGS SHALL MEET THE STANDARDS REFERENCED IN TABLE 5.303.6
2. KITCHEN FAUCETS SHALL NOT 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)
3. NEW RESIDENTIAL GRADE APPLIANCES PROVIDED AND INSTALLED SHALL BE ENERGY STAR LABELED IF ENERGY STAR IS APPLICABLE TO THAT EQUIPMENT OR APPLIANCE. (10.210.1)



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REGISTERED PROFESSIONAL ENGINEER
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FLOOR PLAN - 6TH FLOOR

SCALE: 1"=32'-0"

1

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UCLA

UCLA WILSHIRE CENTER

SUITE 620 RECONFIGURE

10920 WILSHIRE BLVD.
LOS ANGELES, CA 90024

DATE: 10/16/19	DRAWN BY: CM
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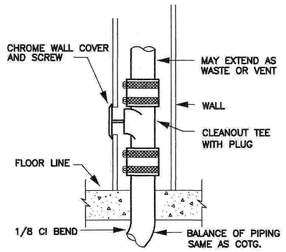
PLUMBING
LEGENDS, SCHEDULES
NOTES AND
OVERALL PLAN

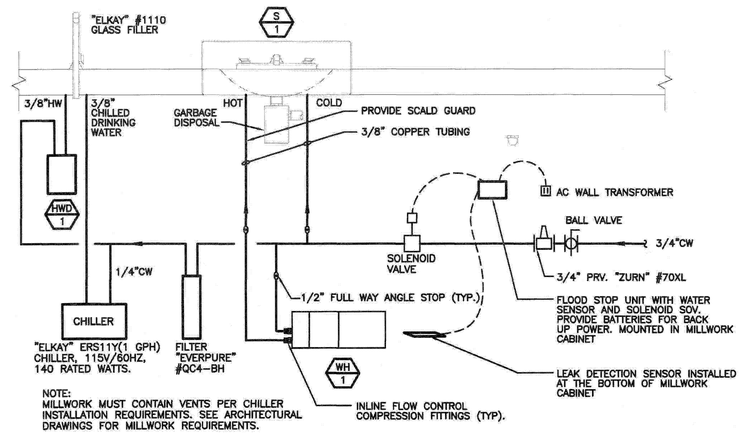
P-001

NOT USED

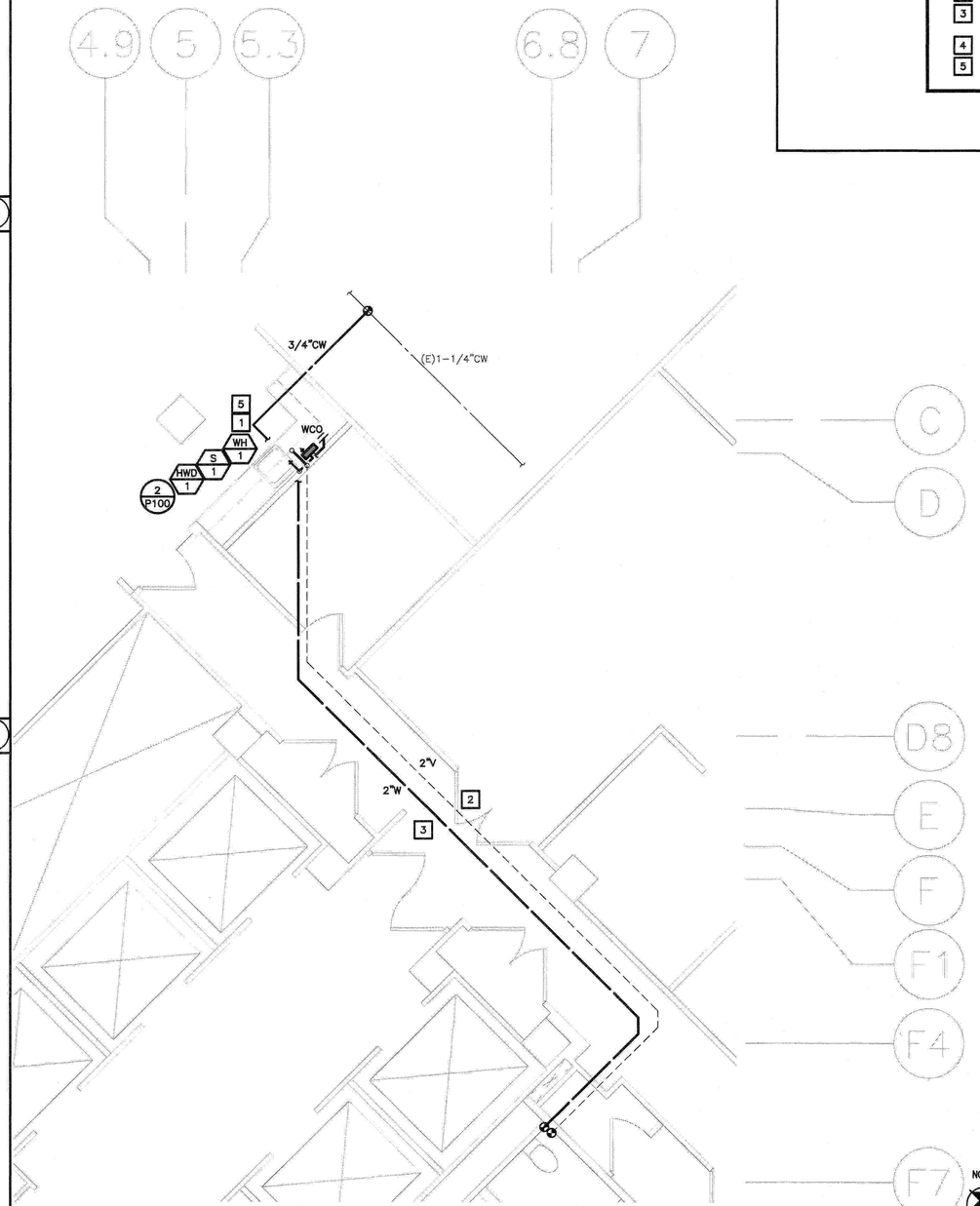
SCALE: NTS (4)



WALL CLEANOUT DETAIL — SCALE: NTS (3)



SINK PIPING DIAGRAM — SCALE: NTS (2)



PLUMBING ENLARGE PLAN - SUITE 620 — SCALE: 1/4"=1'-0" (1)

NOTE:

EXISTING SIZES AND LOCATIONS OF PIPES ARE SHOWN FOR INFORMATION AND GENERAL USE BY CONTRACTOR. HOWEVER, PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SIZES OF PIPES PRIOR TO START OF CONSTRUCTION. PLUMBING CONTRACTOR TO COORDINATE PIPING LOCATIONS WITH ALL TRADES.

"LIGHT TEXT" PERTAINS TO EXISTING PIPING AND EQUIPMENT

NEW PLAN NOTES

1. NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 2"V AND 3/4"C&HW).
2. 2"V POC TO EXISTING VENT PIPING. VERIFY SIZE IN FIELD.
3. 2"W POC TO EXISTING WASTE PIPING ON 5TH FLOOR ATTIC. VERIFY EXACT LOCATION IN FIELD.
4. 3/4"CW POC TO EXISTING 1-1/4"CW PIPE. VERIFY SIZE IN FIELD.
5. SEE 3/P-100 FOR PIPING DETAIL.

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PLUMBING
ENLARGED PLAN
AND DETAILS

P-100