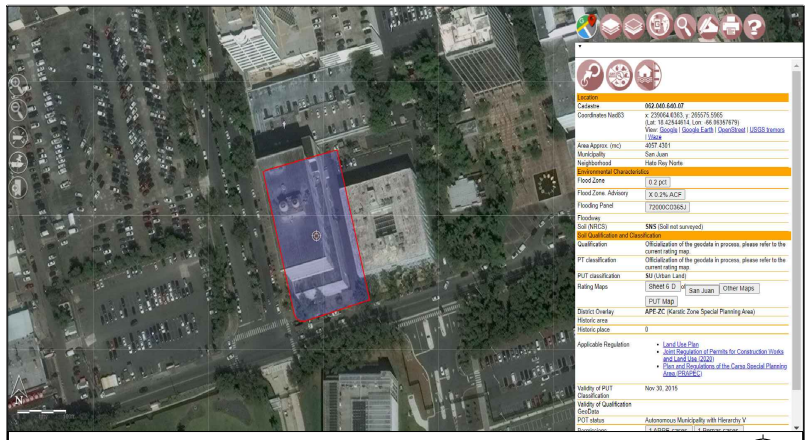
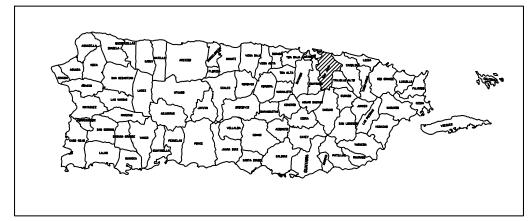
NEW IMPROVEMENTS ACAA BUILDING

255-273 AVENIDA DE LA CONSTITUCION

SAN JUAN, PUERTO RICO



LOCATION PLAN



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ABACUS

ARCHITECTURE PSC

CONSULTANT

PROJECT NAME

NEW IMPROVEMENTS ACAA BUILDING
255-273 AVENIDA DE LA CONSTITUCION
SAN JUAN, PUERTO RICO

REVISIONS

No.	DESCRIPTION	DATE

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TEL. (787) 724-4331, FAX. (787) 977-7980
WWW.ABACUSARQ.COM

PARTNER IN CHARGE
DESIGN CAPTAIN
JOB CAPTAIN
CHECKED BY
DRAWN BY

DRAWING TITLE

TITLE AND INDEX SHEET

YO, HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO , NUMERO DE LICENCIA 7647 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES, INCLUYENDO, PERO SIN LIMITARSE, A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN LA OGPe

HERNAN R. HERNANDEZ
ARQUITECTO LICENCIADO
LIC. #7647
PUERTO RICO

SCALE	DRAWING No.
PROJECT No.	T-1.0
DATE JAN 2021	SHEET No.

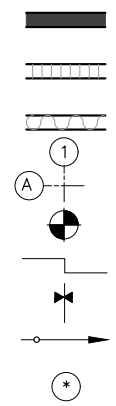
GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.
2. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE OWNER'S PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK.
3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS FOR REVIEW PRIOR TO COMMENCEMENT OF THE WORK.
4. DRAWINGS ARE NOT TO BE SCALED, SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES.
6. NEW CONSTRUCTION INCLUDING CONCRETE, MASONRY, PLASTER, DOORS, FRAMES, AND MISCELLANEOUS UNFINISHED METALS (OTHER THAN STAINLESS STEEL) SHALL BE PAINTED UNLESS OTHERWISE INDICATED.
7. THE CONSTRUCTION SITE SHALL BE MAINTAINED REASONABLY NEAT AND FREE FROM EXCESSIVE ACCUMULATION OF TRASH AND DEBRIS. ALL TRASH, DEBRIS, RUBBISH, ETC SHALL BE PROMPTLY REMOVED FROM SITE AND DISPOSED OF IN A LEGAL MANNER.
8. ALL STEEL CONSTRUCTION ELEMENTS ARE TO BE PRIMED WITH GALVANIZED METAL PRIMER AND PAINTED WITH AT LEAST TWO COATS OF ACRYLIC URETHANE ENAMEL. COLORS WILL BE DETERMINED BY ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK.
9. ALL INTERIOR WALLS TO RECEIVE VINYL ACRYLIC LATEX PAINT COLORS WILL BE DETERMINED BY ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK.
10. ALL EXTERIOR CONCRETE AND MASONRY TO RECEIVE ACRYLIC LATEX PAINT BY MANUFACTURER. COLORS WILL BE DETERMINED BY ARCHITECT PRIOR TO COMMENCEMENT OF THE WORK.

Abbreviations

ABC	above counter
ABV	above
A/C	air conditioning
ACT	acoustical tile
ACV	air conditioning and ventilation
ADJ	adjacent
ADJT	adjustable
AFF	above finished floor
AGG	aggregate
BD	board
BLDG	building
BLK	block
BM	bench mark
BO	by others
BOB	bottom of beam
CAB	cabinet
CB	catch basin
CEM	cement
CER	ceramic
CHT	ceiling height
CIR	circle
CL	center line
CLG	ceiling
CO	clean out
COL	column
CONC	concrete
CONT	continuous
CT	ceramic tile
CW	cold water
DBL	double
DEM	demolish/demolition
DET	detail
DF	drinking fountain
DIA	diameter
DIM	dimension
DN	down
DR	door
DWG	drawing
EC	electrical closet
E.J.	expansion joint
ELEC	electric (al)
EMER	emergency
ENC	enclosure
EQ	equal
EST	estimate
ETC	etceteras
EXP	exposed
EXT	exterior
FAI	fresh air intake
FBO	furnished by others
FD	floor drain
FE	fire extinguisher
FFE	finished floor elevation
FFL	finished floor line
FH	full height
FIN	finish/finished
FL	floor
FLG	flashing
GA	gauge
GALV	galvanized
GC	general contractor
GL	glass
GRD	ground
GYP	gypsum
HB	hose bibb
HC	hollow core
HDC	handicapped
HDW	hardware
HM	hollow metal
HOR	horizontal
HT	height
HW	hot water
ID	inside
INT	interior
INV	invert
JAN	janitor
JC	janitors closet
KIT	kitchen
KO	knockout
L	length
LAM	laminated
LAV	lavatory
LH	left hand
LVR	louver
M	meter (s)
MAINT	maintenance
MAS	masonry
MAX	maximum
MECH	mechanical
MFG	manufacturer
MH	manhole
MIN	minimum
MISC	miscellaneous
MO	masonry opening
MTD	mounted
MTL	material
N	north
NAT	natural
NO	nominal
NTS	not to scale
N.I.C.	not included in contract
OA	overall
OC	on center
OD	outside diameter
OH	overhead
OPP	opposite
PL	plate
PL	property line
PLAS	plaster
P T	pressure treated
QT	quarry tile
QTY	quantity
R	riser
RAD	radius
REF	reference
REL	relocated
REV	revision (s)
RH	right of way
RM	room
ROW	right of way
R.L.	rain leader
S	south
SHT	sheet
SIM	similar
SPCP	smooth portland cement plaster
SST	stainless steel
STA	station
STD	standard
STL	steel
STOR	storage
SYM	symmetry
T	toilet
T	tread
TEL	telephone
THK	thick/thickness
T.O.	trimmed opening
TOW	top of wall
TYP	typical
UNF	unfinished
UR	urinal
U.O.N.	unless otherwise noted
VERT	vertical
VJ	v-joint (ed)
V.I.F.	verify in field
W	west
W	width
WC	water closet
WD	wood
WH	wall hung
WIN	window
WO	without
YD	yard drain

ARCHITECTURAL SYMBOLS:



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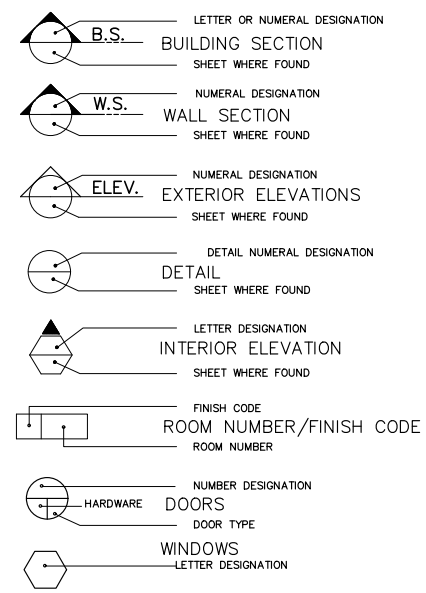

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ARCHITECTURE PSC

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DRAWN BY

DRAWING TITLE

GENERAL NOTES

YO, HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO , NUMERO DE LICENCIA 7497 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER OCULTACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES, INCLUYENDO, PERO SIN LIMITARSE, A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN LA OGPe

HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO 7497 PUERTO RICO

SCALE	DRAWING No.
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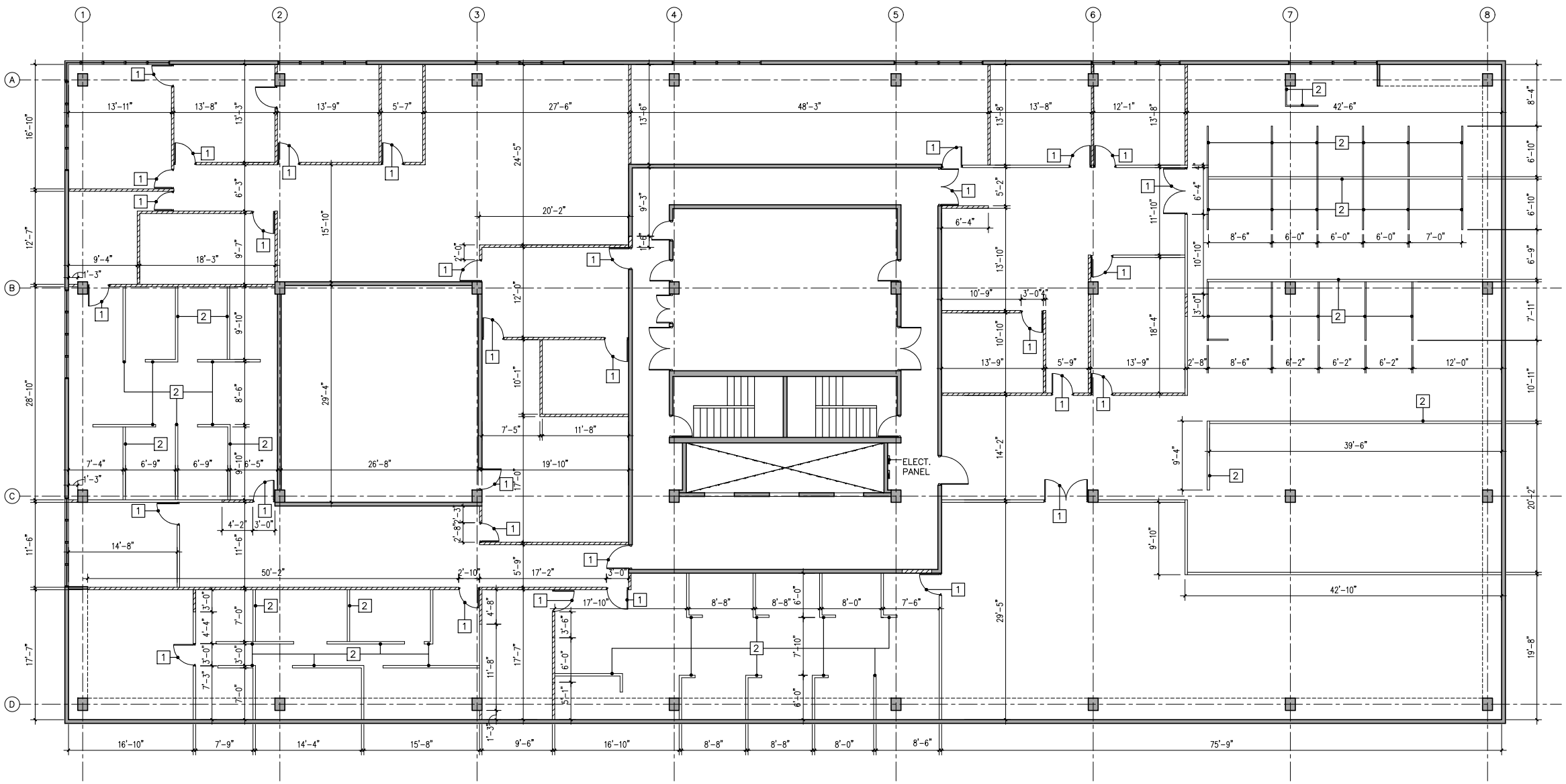

8TH FLOOR EXISTING AND DEMOLITION PLAN

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

DEMOLITION NOTES

1. THE CONTRACTOR, BEFORE THE START OF THE WORK, VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING AT THE PROJECT SITE AND NOTIFY TO THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE EXISTING CONDITIONS AND THE DOCUMENTS OF THE CONTRACT THAT COULD AFFECT THE PROGRAM AND/OR THE ADEQUATE PERFORMANCE OF DEMOLITION WORK AND CONSTRUCTION.

2. THE CONTRACTOR SHALL DISPOSE OF ALL EXISTING DEBRIS AND WASTE MATERIALS FROM OFF-SITE DEMOLITION WORK AS INSTRUCTED BY THE OWNER.

3. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED TO THE OWNER'S PROPERTY OR OTHER AREAS REMAINING DURING THE DEMOLITION AND CONSTRUCTION PHASES. DAMAGED ITEMS WILL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

4. DEMOLITION AND REMOVAL SHALL BE CARRIED OUT IN AN ORGANISED MANNER AND THE RELEASE OF DUST AND DEBRIS INTO THE AIR SHALL BE AVOIDED.

5. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE WITH THE OWNER ALL WORK TO BE PERFORMED IN THE AREAS IN CURRENT USE, SO AS NOT TO INTERFERE WITH NORMAL DAILY OPERATIONS.

DEMOLITION LEGEND

- EXISTING AREA TO BE DEMOLISHED
- GYPSUM WALL TO BE DEMOLISHED
- EXISTING GYPSUM WALL TO REMAIN
- 1 DOOR TO BE REMOVED AND DISPOSED
- 2 LOW PARTITION WALL TO BE REMOVED AND DISPOSED

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8TH FLOOR EXISTING AND DEMOLITION PLAN

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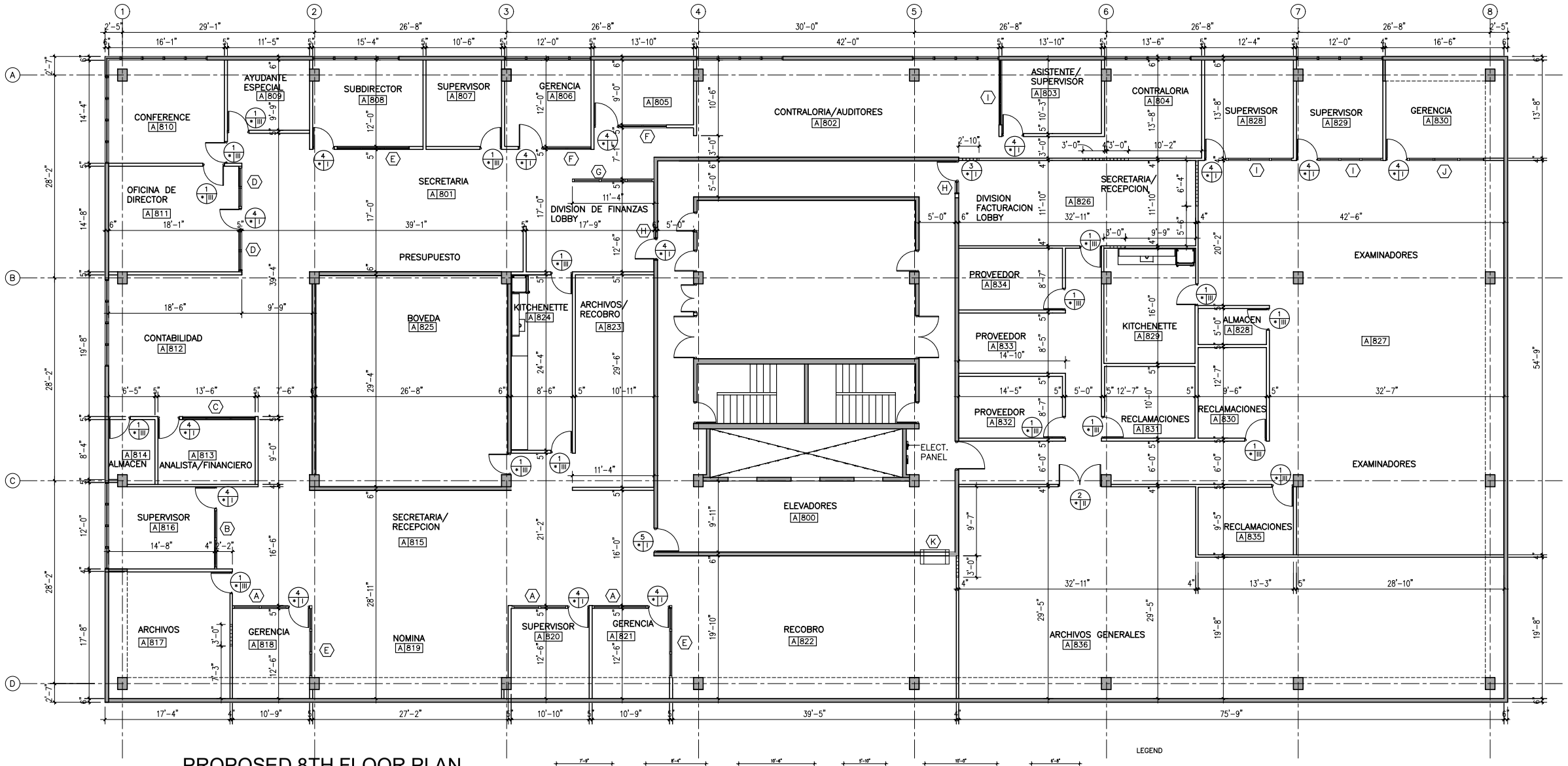
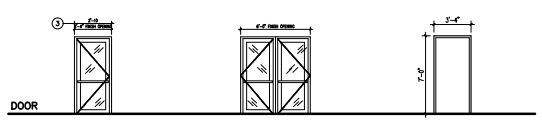
HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO LIC. #7647 PUERTO RICO

SCALE	DRAWING No.
1/8"=1'-0"	DP-1.0
PROJECT No.	
DATE	SHEET No.



PROPOSED 8TH FLOOR PLAN

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



TYPE-I

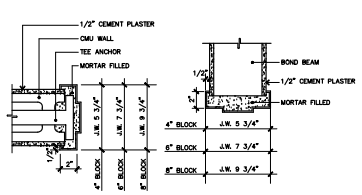
DESCRIPTION:
40"X 84" X 1 3/4"
ALUMINUM DOORS WITH
1/4" MILK GLASS FRAME
SHALL BE ALUMINUM
FACTORY PRIMED TO
RECEIVED LIGHT GRAY
PAINT FINISH

TYPE-II

DESCRIPTION:
72"X 84" X 1 3/4"
ALUMINUM DOORS WITH
1/4" CLEAR GLASS
FRAME SHALL BE
ALUMINUM FACTORY
PRIMED TO RECEIVED
LIGHT GRAY PAINT FINISH

TYPE-III

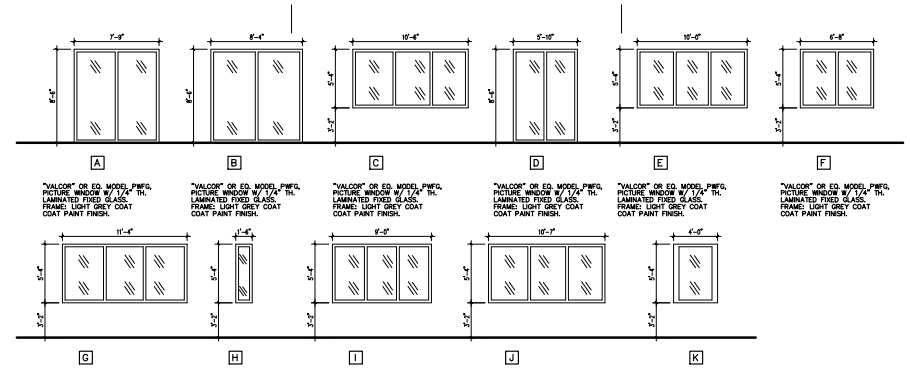
1-3/4" THICK FLUSH
SEMI SOLID WOOD.
DOOR AND 2" WOOD
DOOR FRAME TO
RECEIVE STAIN &
VARNISH FINISH



JAMB DETAIL J-1 **HEAD DETAIL H-1**

DOOR SCHEDULE

MARK	SIZE WIDTH	SIZE HEIGHT	REQ.	TYPE.	REMARKS
1	3'-4"	7'-0"	17	III	1-3/4" THICK FLUSH SEMI SOLID WOOD. DOOR AND 2" WOOD DOOR FRAME TO RECEIVE STAIN & VARNISH FINISH
2	6'-0"	7'-0"	1	II	72" X 84" X 1 3/4" ALUMINUM DOORS WITH 1/4" CLEAR GLASS FRAME SHALL BE ALUMINUM FACTORY PRIMED TO RECEIVED LIGHT GRAY PAINT FINISH
3	2'-10"	7'-0"	1	I	40" X 84" X 1 3/4" ALUMINUM DOORS WITH 1/4" MILK GLASS FRAME SHALL BE ALUMINUM FACTORY PRIMED TO RECEIVED LIGHT GRAY PAINT FINISH
4	3'-4"	7'-0"	14	I	40" X 84" X 1 3/4" ALUMINUM DOORS WITH 1/4" MILK GLASS FRAME SHALL BE ALUMINUM FACTORY PRIMED TO RECEIVED LIGHT GRAY PAINT FINISH
5	3'-4"	7'-0"	1	I	40" X 84" X 1 3/4" ALUMINUM DOORS WITH 1/4" MILK GLASS FRAME SHALL BE ALUMINUM FACTORY PRIMED TO RECEIVED LIGHT GRAY PAINT FINISH



"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH.

WINDOW SCHEDULE

MARK	SIZE WIDTH	SIZE HEIGHT	REQ.	TYPE.	REMARKS
A	7'-0"	8'-0"	3	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
B	8'-4"	8'-0"	1	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
C	10'-6"	5'-4"	1	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
D	5'-10"	8'-0"	2	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
E	10'-0"	5'-4"	3	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
F	6'-8"	5'-4"	2	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
G	11'-4"	5'-4"	1	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
H	1'-6"	5'-4"	2	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
I	9'-0"	5'-4"	3	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
J	10'-7"	5'-4"	1	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	
K	4'-0"	5'-4"	1	"VALCOR" OR EQ. MODEL P8FG, PICTURE WINDOW W/ 1/4" TH. LAMINATED FIXED GLASS. FRAME: LIGHT GREY COAT COAT PAINT FINISH	

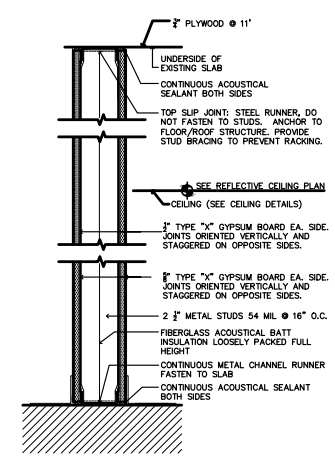
ACAA NATO REV 9th FLOOR FURNITURE SCHEDULE

MARK	FLOOR: LUXURY VINYL PLANK TILE OVER SMOOTH CEMENT FINISH	FLOOR: CERAMIC TILE OVER SMOOTH CEMENT FINISH	FLOOR: CERAMIC TILE OVER SMOOTH CEMENT FINISH	BASE: 4" H. CERAMIC TILE	BASE: 4" H. CERAMIC TILE	WALLS: VINYL WALLCOVERS	WALLS: ACRYLIC LATEX PAINTING, EXAMPLE: BENJAMIN MOORE, GLIDDEN, OR EQUAL	WALLS: ACRYLIC LATEX PAINTING, EXAMPLE: BENJAMIN MOORE, GLIDDEN, OR EQUAL	CEILINGS: 2' X 2' X 5/8" ACOUSTICAL CEILING TILE, EXAMPLE: ARMSTRONG, CERATAUN, ALLIED, OR EQUAL	CEILINGS: ACRYLIC LATEX PAINTING, EXAMPLE: BENJAMIN MOORE, GLIDDEN, OR EQUAL	REMARKS: ACRYLIC LATEX PAINTING, EXAMPLE: BENJAMIN MOORE, GLIDDEN, OR EQUAL
A-800			X		X		X	X		X	
A-801		X		X			X	X		X	
A-802		X		X			X	X		X	
A-803	X				X		X	X		X	
A-804	X				X		X	X		X	
A-805	X				X		X	X		X	
A-806	X				X		X	X		X	
A-807	X				X		X	X		X	
A-808	X				X		X	X		X	
A-809	X				X		X	X		X	
A-810	X				X		X	X		X	
A-811	X				X		X	X		X	
A-812		X		X			X	X		X	
A-813		X		X			X	X		X	
A-814		X		X			X	X		X	
A-815		X		X			X	X		X	
A-816	X				X		X	X		X	
A-817	X				X		X	X		X	
A-818		X		X			X	X		X	
A-819		X		X			X	X		X	
A-820	X				X		X	X		X	
A-821	X				X		X	X		X	
A-822		X		X			X	X		X	
A-823		X		X			X	X		X	
A-824		X		X			X	X		X	
A-825		X		X			X	X		X	
A-826	X				X		X	X		X	
A-827	X				X		X	X		X	
A-828	X				X		X	X		X	
A-829	X				X		X	X		X	
A-830	X				X		X	X		X	
A-831	X				X		X	X		X	
A-832	X				X		X	X		X	
A-833	X				X		X	X		X	
A-834	X				X		X	X		X	
A-835	X				X		X	X		X	
A-836	X				X		X	X		X	

LEGEND

GYPSUM BOARD WALL AND PARTITIONS FOR DETAIL SEE DETAIL-1

NEW GYPSUM WALL FILL



DETAIL 1

NOT TO SCALE

YO, HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO , NUMERO DE LICENCIA 7647 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O PORNEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES, INCLUYENDO, PERO SIN LIMITARSE, A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN LA OGPe

HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO LIC. #7647 PUERTO RICO

ABACUS

ARCHITECTURE PSC

CONSULTANT

PROJECT NAME

NEW IMPROVEMENTS ACAA BUILDING
255-273 AVENIDA DE LA CONSTITUCION
SAN JUAN, PUERTO RICO

REVISIONS

No.	DESCRIPTION	DATE

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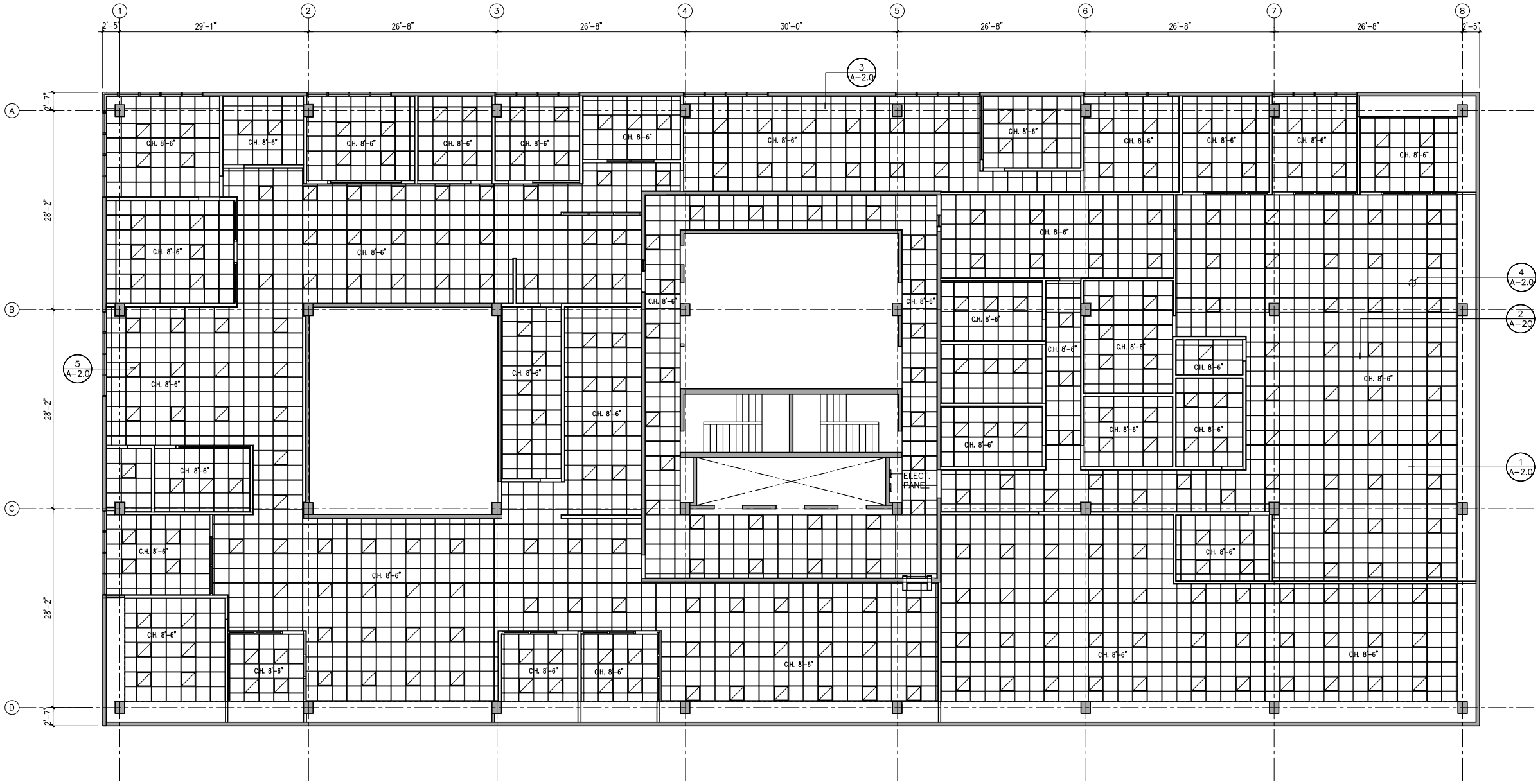
WWW.ABACUSARQ.COM

PARTNER IN CHARGE
DESIGN CAPTAIN
JOB CAPTAIN
CHECKED BY
DRAWN BY

DRAWING TITLE

PROPOSED
8TH FLOOR PLAN

SCALE	DRAWING No.
1/8"=1'-0"	A-1.0
PROJECT No.	
DATE	SHEET No.



PROPOSED 8TH FLOOR REFLECTED CEILING

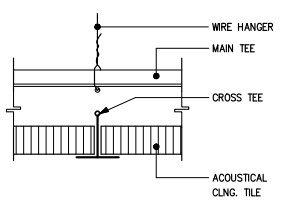
SCALE: 1/8" = 1'-0"

LIGHTING LEGEND:

- 2 X 2 RECESSED FLUORESCENT LIGHT FIXTURE
- C.H. X'-X" CEILING HEIGHT ABOVE FINISHED FLOOR
- 2 X 2 ACOUSTICAL CEILING TILE REFER TO FINISH SCHEDULE.

NOTES:

1. GC SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT FIXTURES W/ ARCHITECT PRIOR TO INSTALLATION.
2. WHERE CEILING IS OPEN TO STRUCTURE, APPLY "ICC" K-13 SPRAY-ON ACOUSTICAL CEILING SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. COLOR: GRAY.
3. REFER TO ELECTRICAL DWGS. FOR LIGHT FIXTURE SPECIFICATIONS.



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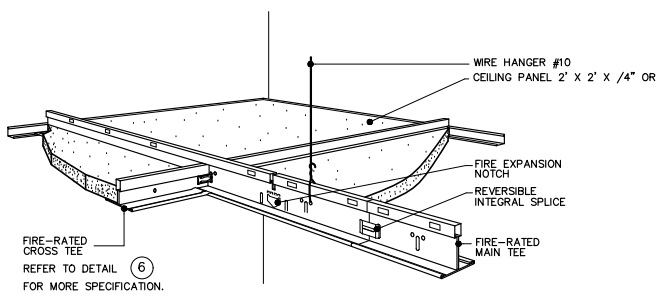
N.T.S.



ACOUSTICAL HUNG CEILING DET. 2 A-2.0
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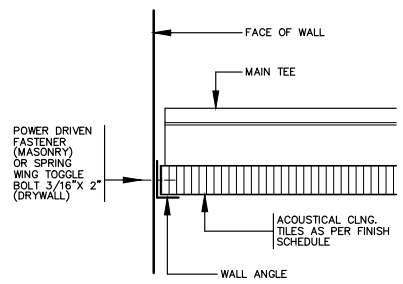

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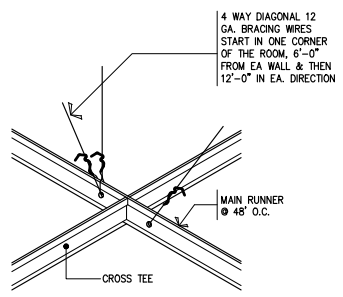

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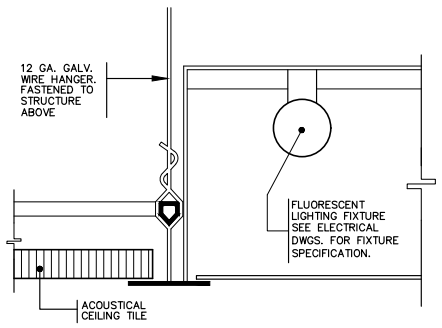

DETAIL MKD 5 A-2.0
N.T.S.

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8TH FLOOR PROPOSED REFLECTED CEILING

YO, HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO , NUMERO DE LICENCIA 7647 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLIMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS , JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES, INCLUYENDO, PERO SIN LIMITARSE, A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN LA OGPe

HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO LIC. #7647 PUERTO RICO

SCALE	DRAWING No.
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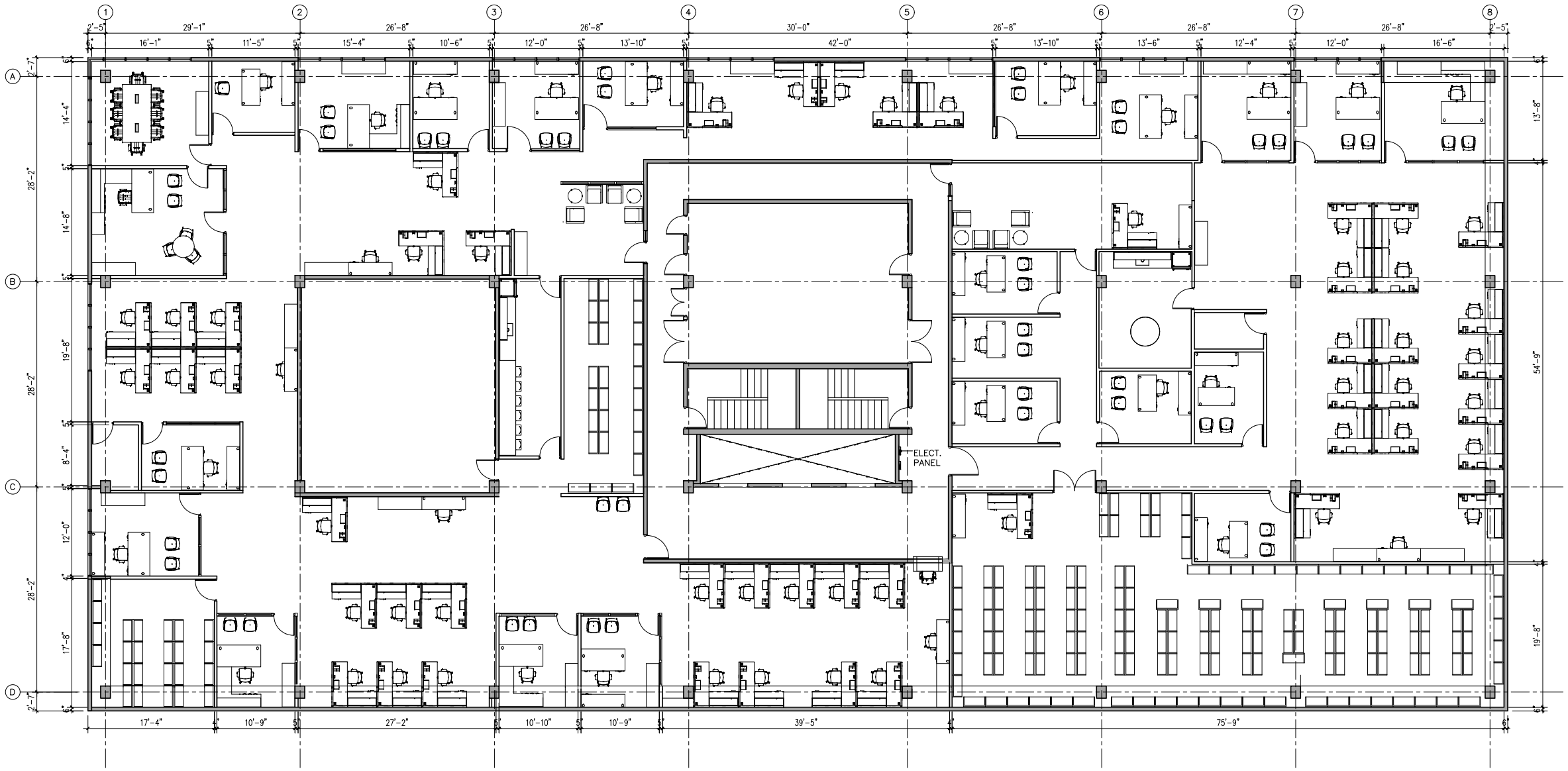

8TH FLOOR FURNITURE PLAN

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

ABACUS

ARCHITECTURE PSC

CONSULTANT

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NEW IMPROVEMENTS ACAA BUILDING
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8TH FLOOR FURNITURE PLAN

YO, HERNAN R. HERNANDEZ ARQUITECTO LICENCIADO , NUMERO DE LICENCIA 7647 CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS , JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O PORNEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES, INCLUYENDO, PERO SIN LIMITARSE, A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN LA OGPe

HERNAN R. HERNANDEZ
ARQUITECTO LICENCIADO
LIC. # 7647
PUERTO RICO

SCALE	DRAWING No.
1/8"=1'-0"	A-3.0
PROJECT No.	
DATE	SHEET No.

5-20R GFCI DUPLEX RECEPTACLE, P&S 2095-GRY IN 4"x4" JUNCTION BOX WITH TP8-GRY ONE GANG WALL PLATE @ 18" A.F.F. IN HORIZONTAL POSITION

5-20R DUPLEX RECEPTACLE, P&S BR20-GRY IN 4"x4" JUNCTION BOX WITH TP8-GRY ONE GANG WALL PLATE @ 18" A.F.F. IN HORIZONTAL POSITION

DITTO BUT POWERED FROM UPS

5-20R GFCI DUPLEX RECEPTACLE, P&S 2095-GRY IN 4"x4" JUNCTION BOX WITH TP8-GRY ONE GANG WALL PLATE @ 42" A.F.F. OR 6" A.C.T. IN HORIZONTAL POSITION

5-20R DUPLEX RECEPTACLE, P&S BR20-GRY IN 4"x4" JUNCTION BOX WITH TP8-GRY ONE GANG WALL PLATE @ 42" A.F.F. OR 6" A.C.T. IN HORIZONTAL POSITION

5-20R QUADRUPLEX RECEPTACLE, P&S 420-GRY IN 4"x4" JUNCTION BOX @ 18" A.F.F. IN HORIZONTAL POSITION

5-20R QUADRUPLEX RECEPTACLE, P&S BR20-GRY IN 4"x4" JUNCTION BOX @ 42" A.F.F. OR 6" A.C.T.

5-15R DUPLEX RECEPT./ OUTLET AND USB CHARGER, RKAA2-G IN 4x4" JUNCTION BOX WITH REWP1-PG ONE GANG WALL PLATE @ 42" A.F.F. OR 6" A.C.T. IN HORIZONTAL POSITION

5-20R SINGLE RECEPTACLE, P&S S3713-I IN 4"x4" JUNCTION BOX IN GRADE

TOGGLE SWITCH FOR A/C EXHAUST FAN 20A/208V/3ø

EXISTING ELECTRICAL LOADCENTER PANEL SEE PANEL SCHEDULE FOR DETAILS.

SAFETY SWITCH WITH NUMBER OF POLES AND RATING AS REQUIRED. NEMA-3R ENCLOSURE IF LOCATED OUTDOORS. SEE SAFETY SWITCH SCHEDULE FOR DETAILS.

T — DRY-TYPE TRANSFORMER. SEE SINGLE LINE DIAGRAM FOR DETAILS.

NOTES:

1) RECEPTACLES SHALL BE EQUAL OR SIMILAR TO THE SPECIFIED.
2) MODULAR OUTLETS MUST BE COMPATIBLE WITH NEW FURNITURE.
3) HEIGHTS DESCRIBED IN LEGEND CAN BE OVER WRITED ON DRAWINGS.
4) NEUTRAL CONDITIONS SHALL BE COMMON IN NO MORE THAN TWO CIRCUITS.

ELECTRICAL LEGEND

SCALE N.T.S.

1. ALL INDICATED HEIGHTS ARE FROM CENTER OF THE EQUIPMENT TO FINISHED FLOOR UNLESS INDICATED.

2. NO WIRE SHALL BE SMALLER THAN #12 AWG THHN, 600V INSULATION.

3. NO CONDUIT SHALL BE SMALLER THAN 3/4" DIAMETER.

4. ELECTRICAL CONTRACTOR SHALL BALANCE ALL THE LOADS.

5. PROVIDE GREEN BONDING JUMPER BETWEEN THE OUTLET BOX GROUNDING SCREW AND ALL RECEPTACLES, GROUNDING TERMINALS, EXCEPT SELF-GROUNDING TYPE RECEPTACLES.

6. PROVIDE MULTI-WIRE BRANCH CIRCUITS UTILIZING COMMON NEUTRALS(EXEPT WHEN OTHERWISE NOTED), FOR LIGHTING, RECEPTACLES AND SINGLE PHASE EQUIPMENT CIRCUIT NUMBERS ADJACENT TO THE "HOME RUN" ARE INDICATED AS A GUIDE FOR PROPER CONNECTIONOF MULTIWIRE CIRCUIT AT PANELS. THE CONTRACTOR SHALL COORDINATE THE FINAL ARRANGEMENT AND ROUTING OF BRANCH CIRCUITS.

7. ALL WIRING SHALL BE DONE IN E.M.T. CONDUIT UNLESS SPECIFIED.

8. UF CABLES ARE NOT ALLOWED, ONLY STRANDED COPPER THHN (OR AS SPECIFIED) INSULATED SHALL BE USED.

9. ELECTRICAL CONTRACTOR SHALL REVIEW DIMENSION OF JUNCTION BOXES TO ENSURE CABLE PERMISSIBLE RADIUS AT FIELD.

10. ELECTRICAL CONTRACTOR SHALL COORDINATE, WITH ALL TRADES, THE CONDUIT ROUTING IN ORDER TO AVOID CONFLICTS. IN CASE OF CONFLICT THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECT.

11. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS IT SHALL BE THE DIRECT RESPONSABILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE DESIGNER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE USED FOR DESIGN PURPOSES.

12. THE CONDUIT TRAYECTORY SHOWN IN THE LAYOUTS IS OF A SCHEMATIC NATURE AND IS INTENDED ONLY TO INDICATE INTERCONNECTIONS BETWEEN OUTLETS. EXACT ROUTING OF THE CONDUITS SHALL BE DETERMINED AT JOB SITE TO CONFORM TO THE STRUCTURAL CONDITIONS AND SHALL BE APPROVED BY THE ENGINEER.

13. PROVIDE EXPANSION JOINT COUPLINGS OR THE REQUIRED TYPE AND SIZE WHENEVER A CONDUIT CROSSES AN EXPANSION JOINT.

14. ELECTRICAL CONTRACTOR MUST MAKE SURE THAT THE ENTIRE ELECTRICAL SYSTEM HAS GROUND CONTINUITY.

15. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT REQUIREMENTS WITH THE EQUIPMENT SUPPLIER, BEFORE FINAL CONNECTION OF CONDUITS AND WIRING.

16. PROVIDE TYPEWRITTEN IDENTIFICATION CARDS FOR ALL BRANCH CIRCUITS INSIDE THE PANELBOARDS.

17. ALL RELATED ELECTRICAL EQUIPMENT SHALL BE NEW AND CONSTRUCTED ACCORDING TO ANSI, NEMA AND PREPA STANDARDS.

18. ALL ELECTRICAL CONSTRUCTION WORKS SHALL BE DONE IN A THROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS, SPECS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE SHALL BE FOLLOWED EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT.

19. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY INTERCONNECTIONS BETWEEN THE MOTORS AND THE MOTORS AND THE STARTING/DISCONNECTING EQUIPMENT.

ELECTRICAL NOTES

SCALE N.T.S.

CONDUIT STUBBED AND BUSHED.

CONCEALED RACEWAY IN FLOOR, UNDERFLOOR OR UNDERGROUND.

CABLETRAY AT PLENUM, DIMENSION INDICATED ON DRAWINGS.

HOMERUN TO PANELBOARD WITH CIRCUIT NUMBERS AS INDICATED. SHORT LEG, LONG LEG & LONG LEG WITH TICK INDICATES HOT, NEUTRAL & GROUND RESPECTIVELY.

J — 4"X4"X2" JUNCTION BOX INSIDE PLENUM OR CONCEALED IN CEILING FACING DOWN.

J-HOOK INSIDE PLENUM

FURNITURE MULTI-SERVICE POWER POLE

J — 4"X4"X2" JUNCTION BOX WALL MOUNT @ 18" AFF UNLESS OTHERWISE NOTED.

J — 4"X4" JUNCTION BOX WALL MOUNT @ 7'-6" A.F.F. UNLESS OTHERWISE NOTED.

WIRING METHOD LEGEND

SCALE N.T.S.

TELECOMM OUTLET,IN 4"x4" JUNCTION BOX @ 18" A.F.F. IN HORIZONTAL POSITION

TELECOMM OUTLET IN 4"x4" JUNCTION BOX WITH AC-SFP ONE GANG WALL PLATE @ 42" A.F.F. OR 6" A.C.T. IN HORIZONTAL POSITION

FLUSH FLOOR TELECOMM OUTLET. WALKER 880C SERIES CAST IRON, GANG TYPE, FULLY ADJUSTABLE FLOOR BOX WITH BRASS COVER PLATE AND FLANGE.

TELECOMM CONDUIT. MINIMUM 1" EMT CONDUIT WITH PULL STRING, UNLESS OTHERWISE NOTED.

TELEPHONE PLYWOOD FIRE RESISTANT TREATED

TELECOMM LEGEND

SCALE N.T.S.

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES TO PERFORM ALL OPERATIONS REQUIRED FOR THE COMPLETE INSTALLATION AND RELATED WORK AS SHOWN ON DRAWINGS AND SPECIFIED HEREIN. ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.

2. MINIMUM SIZE OF CONDUITS TO BE AS FOLLOWS: 1"ø FOR TELECOMMUNICATIONS, ¾"ø FOR SECURITY & AUDIO, OR AS SPECIFIED IN PLANS.

3. ALL CONDUITS SHALL BE PROVIDED WITH A 1/4" NYLON FISHWIRE.

4. PROVIDE ALL REQUIRED SUPPORTS AND ACCESSORIES.

5. INSTALL ALL WORK IN COMPLIANCE WITH THE LATEST EDITION OF:
   A. THE NATIONAL ELECTRICAL CODE, NFPA-70
   B. BICSI TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL
   C. JUNTA REGLAMENTADORA DE TELECOMUNICACIONES (JRT) REQUIREMENTS

6. PROVIDE COVERS DESIGN AND STYLE TO SUIT BOX AND LOCATION.

7. FLUSH RECESSED WHEREVER POSSIBLE AND SECURELY SUPPORTED FROM BUILDING CONSTRUCTION.

8. MOUNTING HEIGHT OF OUTLET BOXES SHALL BE 1'-6" AFF OR AS INDICATED IN THE PLANS.

9. TELECOMMUNICATION CABLES AND ELECTRICAL WIRING SHALL NEVER PASS THROUGH THE SAME HOLES OR SHARE SAME CONDUIT.

10. MINIMUN CONDUIT BENDS RADIO SHALL BE AS FOLLOWS:
    18" FOR 1" TO 1.5" DIAM. CONDUIT
    24" FOR 2" DIAM. CONDUIT
    30" FOR 3" TO 4" DIAM. CONDUIT

11. PROVIDE 1"ø LIQUIDTIGHT FLEXIBLE NON-METALLIC CONDUIT & FITTINGS FOR ALL TRANSITIONS BETWEEN JUNCTION WALL OR FLOOR BOXES AND MODULAR FURNITURE SYSTEMS OR TABLE BOXES.

12 COORDINATE EXACT LOCATION OF FLOOR BOXES WITH ARCHITECT AT FIELD.

13. PROVIDE CABLE SLACK OF 12" AT OUTLET BOX AND 10' ORGANIZED ON TOP OF THE RACK IN A FIGURE "8".

14. ALL NON-WELDED CONNECTIONS TO THE TGB AND TO THE OBJECTS BEING BONDED SHALL BE MADE WITH TWO-HOLE LUGS.

15. NO MORE THAN 180 DEGREES OF CONDUIT BENDS SHALL BE PERMITTED BETWEEN PULL POINTS.

16. CABLING NOT IN CONTRACT.

17. SUPPORT AND BOND CONDUITS TO CABLE TRAY.

18. ALL TELECOMMUNICATIONS WORKS WITHIN COMMUNAL AREAS SHALL BE CARRIED OUT BY THE ADMINISTRATION OFFICE'S DESIGNATED CONTRACTOR.

TELECOMM NOTES

SCALE N.T.S.

2'x2' FLUORESCENT FIXTURE AND OUTLET. IDENTIFICATION NUMBER AS INDICATED IN LUMINAIRE SCHEDULE.

FIXTURES WITH SHADING SHALL BE CONNECTED TO EMERGENCY POWER SOURCE. 1100 LUMEN OUTPUT BATTERY PACK OR APPROVED EQUAL.

4"x4" JUNCTION BOX WITH FLEXIBLE CONDUIT CONNECTION TO FIXTURE.

SINGLE POLE SWITCH, P&S 2621-I IN 2"x4" JUNCTION BOX WITH TP.J26-I ONE GANG WALL PLATE @ 46" A.F.F. IN VERTICAL POSITION

GANGED TOGETHER.

THREE-WAY SWITCH, P&S 2623-I IN 2"x4" JUNCTION BOX WITH TP.J26-I ONE GANG WALL PLATE @ 46" A.F.F. IN VERTICAL POSITION

LIGHTING LEGEND

SCALE N.T.S.

1. LETTER "L" AND NUMBER DENOTES FIXTURE TYPE AS DESCRIBED IN LIGHTING FIXTURE SCHEDULE. SMALL LETTER INDICATES SWITCH WITH CORRESPONDING SMALL LETTER CONTROLLING FIXTURE. FIXTURE SYMBOLSWITH SHADING DENOTES FIXTURES TO BE USED AS NIGHT AND/OR EMERGENCY SYSTEM.

2. FOR THE EXACT LOCATION OF LIGHTING FIXTURES IN AREAS HAVING A HUNG CEILING, SEE LIGHTING REFLECTED CEILING PLANS.

3. FINAL LOCATION FOR FIXTURES MOUNTED IN EXPOSED AREAS IS TO BE COORDINATED WITH THE HVAC DUCTS AND EQUIPMENT, PIPING CONDUITS OR PIPE RACKS.

4. ALL LIGHTING FIXTURES SHOWN WITH HATCH SHALL BE PROVIDED WITH EMERGENCY BATTERY PACKOF TWO HOUR OPERATION.

5. FIXTURES WITH HATCH SHALL BE NIGHT LIGHT & EMERGENCY BATTERY PACK.

6. FOR LIGHTING FIXTURES SCHEDULES AND ADDITIONAL NOTES SEE SHEET L2-01.

7. THE CONTRACTOR IS RESPONSIBLE FOR ADECUATE CONNECTION OF THE PARKING LIGHTING SYSTEM IN ORDER FOR IT TO OPERATE ADECUATELY. SEE LIGHTING CONTROL DIAGRAM FOR DETAILS.

8. ALL CIRCUIT BREAKER USED TO CONTROL LIGHTING CIRCUITS SHALL BE RATED FOR SWITCHING DUTY.

9. ALL LIGHTING FIXTURES SHALL BE U/L LISTED. FLUORESCENT BALLAST SHALL BE U/L APPROVED AND HAVE A HIGH POWER FACTOR.

10. CONTRACTOR SHALL VERIFY PANEL VOLTAGES BEFORE BUYING LIGHT FIXTURES AND/OR WIRING DEVICES.

LIGHTING NOTES

SCALE N.T.S.

FIRE ALARM SMOKE DETECTOR, COMPATIBLE WITH SIMPLEX PHOTOELECTRIC TYPE @ CEILING.

FIRE ALARM HEAT DETECTOR, COMPATIBLE WITH SIMPLEX PHOTOELECTRIC TYPE @ CEILING.

FIRE ALARM MANUAL PULL STATION, COMPATIBLE WITH SIMPLEX @ 46" A.F.F. UNLESS OTHERWISE NOTED.

CEILING MOUNTED EXIT FIXTURE WITH DIRECTIONAL ARROWS AS INDICATED. IDENTIFICATION NUMBER AS INDICATED IN LUMINAIRE SCHEDULE.

FIRE ALARM HORN AND STROBE, COMPATIBLE WITH SIMPLEX @ 80" A.F.F. OR 6" BELOW CEILING WHICHEVER IS LOWER. MINIMUM 60 CANDELA.

FIRE ALARM REMOTE PANEL, COMPATIBLE WITH EXISTING SIMPLEX MAIN F/A PANEL, COORDINATE WITH BUILDING OWNER @ 5'-0" A.F.F. FROM CENTER.

NOTES:
SEE SPECIFICATIONS FOR DEVICE AND WIRING REQUIREMENTS. ALL SYSTEM IS EXISTING AND ADDITIONAL DEVICES SHALL BE COMPATIBLE WITH EXISTING BUILDING ALARM SYSTEM MODEL SIMPLEX.

FIRE ALARM LEGEND

SCALE N.T.S.

1. ALL CONDUITS, WIRING & DEVICE REQUIREMENTS SHALL BE COORDINATED WITH THE MANUFACTURER PRIOR TO INSTALLATION. CONDUITS SHALL BE 3/4" EMT FOR CEILING PLENUM OR WALLS AND 3/4" PVC FOR CONCRETE SLABS.

2. ALL JUNCTION BOXES FOR THE FIRE ALARM SYSTEM SHALL BE IDENTIFIED AND PAINTED RED.

3. THE WIRING OF THE FIRE ALARM SYSTEM SHALL BE CLASS "B".

4. THE CONTRACTOR SHALL INSTALL ALL REQUIRED WIRING & DEVICES TO COMPLETE THE SYSTEM AS ILLUSTRATED ON DRAWINGS.

5. SMOKE DETECTORS SHALL NOT BE INSTALLED MORE THAN SIX INCHES (6") FROM THE HIGHEST POINT OF CEILING SLAB. COORDINATE THE EXACT REQUIREMENTS WITH MANUFACTURER.

6. THE MECHANICAL CONTRACTOR SHALL INSTALL ONE SMOKE DETECTOR IN THE SUPPLY DUCT HOUSING FOR AIR HANDLING UNITS (A/C) OF 2,000 TO 15,000 CFM. FOR MORE THAN 15,000 CFM CONTRACTOR SHALL INSTALL ANOTHER SMOKE DETECTOR IN THE RETURN DUCT HOUSING. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL DRAWINGS AND WITH MANUFACTURER.

7. THE FIRE ALARM SYSTEM SHALL BE FURNISHED AND INSTALLED COMPLETE WITH ALL ACCESSORIES FOR A NORMAL OPERATION AS REQUIRED BY APPLICABLE CODES, THE OWNER AND "AMERICANS WITH DISABILITIES ACT" (ADA).

FIRE ALARM NOTES

SCALE N.T.S.

A/C	AIR CONDITIONING
A.C.T.	ABOVE COUNTER TOP
A.F.C.	ABOVE FINISHED CEILING
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GROUND
A.F.C.I.	ARC FAULT CIRCUIT INTERRUPTER
A.H.J.	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
AMPS.	AMPERES
A.N.S.I.	AMERICA NATIONAL STANDARDS INSTITUTE
ARCH.	ARCHITECTURAL, ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAGE
B.F.F.	BELOW FINISHED FLOOR
BKR.	BREAKER
BLDG.	BUILDING
C.	CONDUIT
CB	CIRCUIT BREAKER
CATV	CABLE TELEVISION SYSTEM
CCTV.	CLOSED CIRCUIT TELEVISION SYSTEM
CKT.	CIRCUIT
DIA.	DIAMETER
DISC.	DISCONNECT
DN.	DOWN
DPDT	DOUBLE-POLE, DOUBLE THROW
DPST	DOUBLE-POLE, SINGLE THROW
DWG.	DRAWING
EA.	EACH
EF.	EXHAUST FAN
ELEC.	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
ENCL.	ENCLOSURE
EQUIP.	EQUIPMENT
EXH.	EXHAUST
E.	EXISTING
FA.	FIRE ALARM
FACP.	FIRE ALARM CONTROL PANEL
F.B.O.	FURNISHED BY OWNER
FLEX.	FLEXIBLE
FMC	FLEXIBLE METAL CONDUIT
FMT	FLEXIBLE METAL TUBING
FT	FOOT, FEET
GND.	GROUND
GA.	GAUGE
GAL.	GALLON
GFCI.	GROUND FAULT CIRCUIT INTERRUPTER
GFR.	GROUND FAULT RELAY
GND.	GROUND
H.	HEIGHT
HID.	HIGH INTENSITY DISCHARGE
HP.	HORSEPOWER
HZ.	HERTZ
HV.	HIGH VOLTAGE
ID.	INSIDE DIAMETER
IG.	INSOLATED GROUND
J.B.	JUNCTION BOX
KCMIL.	1000 CIRCULAR MILS
KV.	KILOVOLT
KVA.	KILOVOLT-AMPS
KW.	KILOWATT
KWH.	KILOWATT-HOUR
LTG.	LIGHTING
M.	MODULAR OUTLET
MAX.	MAXIMUM
MCA.	MINIMUM CIRCUIT AMPACITY
MCB.	MAIN CIRCUIT BREAKER
MCC.	MOTOR CONTROL CENTER
MECH.	MECHANICAL
MH.	MANHOLE, METAL HALIDE
MIN.	MINIMUM
MLO.	MAIN LUGS ONLY
MTD.	MOUNTED
N/A	NOT APPLICABLE
N	NORMAR OUTLET
NC.	NORMALLY CLOSED
NEC.	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
N.I.C.	NOT IN CONTRACT
N.O.	NORMALLY OPEN
N.T.S.	NOT TO SCALE
OCPD	OVERCURRENT PROTECTIVE DEVICE
OSHA.	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P.F.	POWER FACTOR
PH.	PHASE
PNL.	PANEL
PVC.	POLYVINYL CHILDRIDE
QTY.	QUANTITY
REQD.	REQUIRED
REV.	REVISION, REVISED
RGS.	RIGID GALVANIZED STEEL
RM.	ROOM
RMC	RIGID METAL CONDUIT
SD	SMOKE DAMPER
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SPD	SURGE PROTECTIVE DEVICE
SQ.	SQUARE
SS.	STAINLESS STEEL
STD.	STANDARD
SURF.	SURFACE
TR	TAMPER RESISTANT
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP.	TYPICAL
UL.	UNDERWRITERS LABORATORIES, INC.
UON.	UNLESS OTHERWISE NOTED
UPS.	UNINTERRUPTIBLE POWER SUPPLY
WP	WEATHER PROOF
WT	WATERTIGHT

ABBREVIATION LEGEND

SCALE N.T.S.

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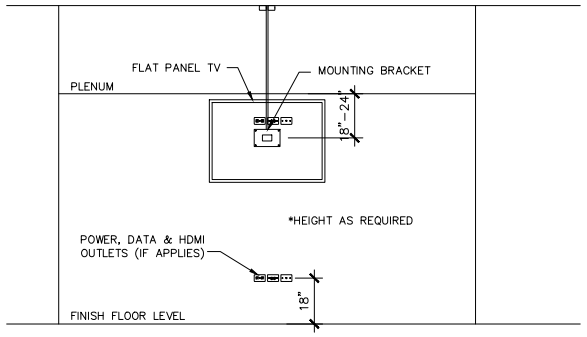
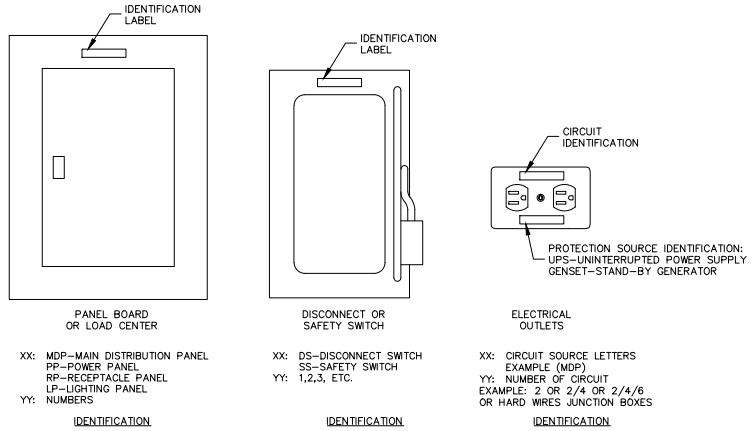
8TH FLOOR ELECTRICAL NOTES & LEGENDS

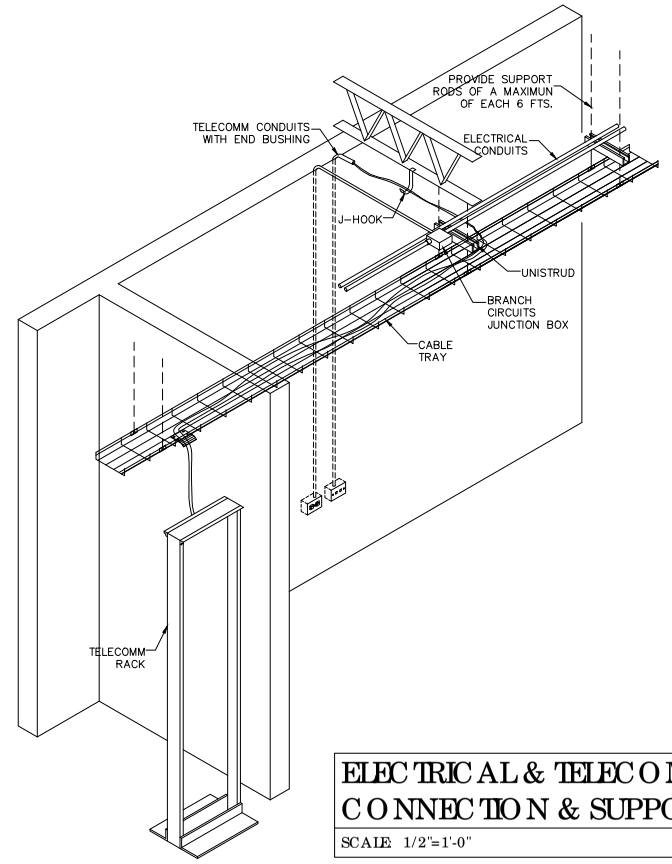
SCALE 1/8"=1'-0"	DRAWING No. EO-01
PROJECT No.	
DATE	SHEET No.



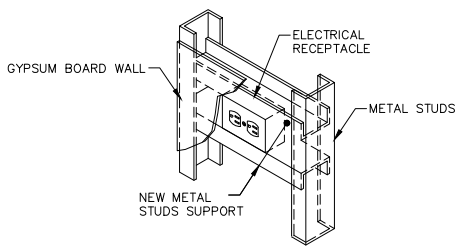
TYPICAL POWER & VIDEO OUTLET	DETAIL: A
SCALE 1/4"=1'-0"	ID: E018



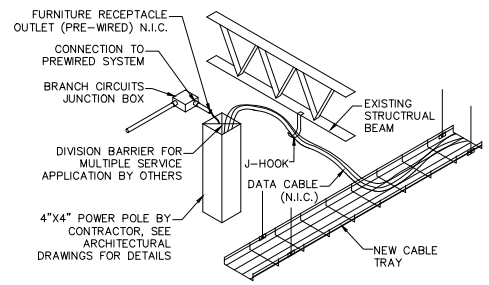
ELECTRICAL RECEPTACLE CIRCUIT IDENTIFICATION	DETAIL: E
SCALE 3"=1'-0"	ID: E074



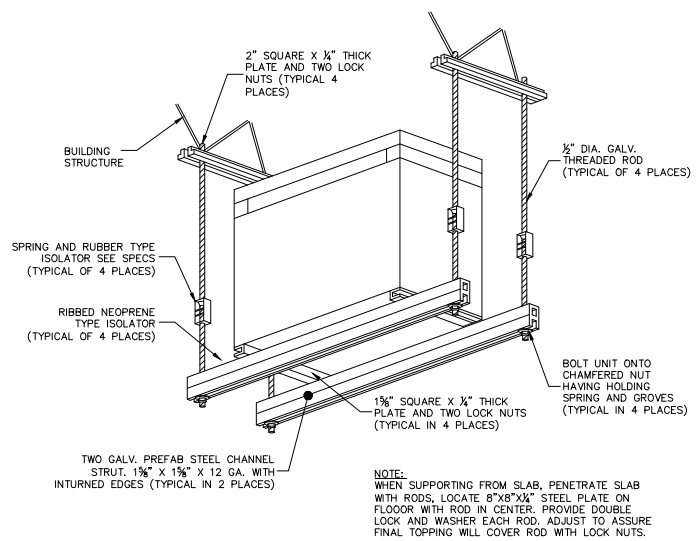
ELECTRICAL & TELECOMM CONNECTION & SUPPORT	DETAIL: I
SCALE 1/2"=1'-0"	ID: E075

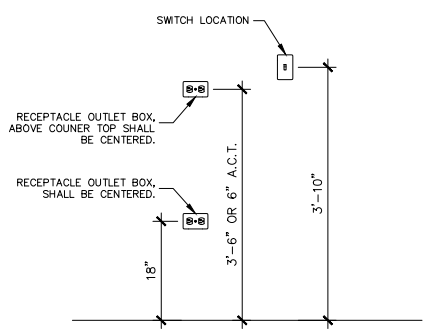


TYPICAL ELECTRICAL RECEPTACLES SUPPORT	DETAIL: B
SCALE 1 1/2"=1'-0"	ID: E073

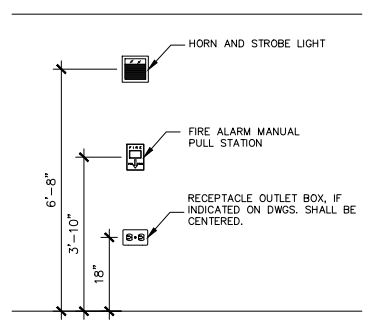


FURNITURE MULTI-SERVICE TRANSITION	DETAIL: F
SCALE 1/2"=1'-0"	ID: E075

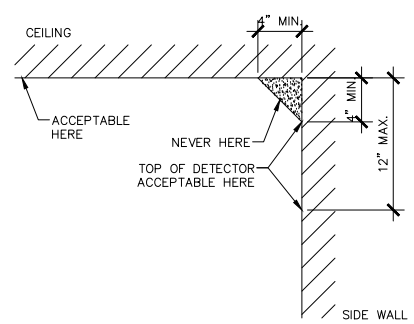




ELECTRICAL RECEPTACLES INSTALLATION DETAIL	DETAIL: C
SCALE 3/4"=1'-0"	ID: F005

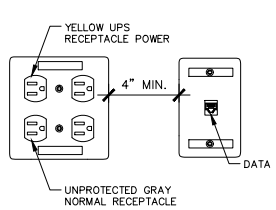


FIRES STATION & HORN INSTALLATION DETAIL	DETAIL: G
SCALE 3/4"=1'-0"	ID: F005

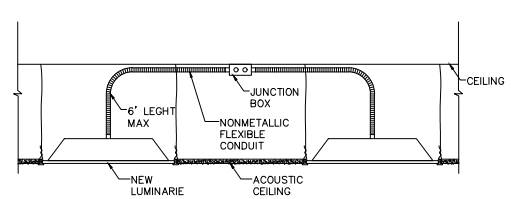


TYPICAL DETAIL: FIRE ALARM LOCATION	DETAIL: J
SCALE 1 1/2"=1'-0"	ID: F001

TYPICAL DETAIL: TRANSFORMER SUPPORT	DETAIL: K
SCALE 3/4"=1'-0"	ID: E060



CLOSE OFFICE OUTLET LAYOUT	DETAIL: D
SCALE 3"=1'-0"	ID: E074



FLUORESCENT LIGHT TYPICAL CONNECTION	DETAIL: H
SCALE 3/4"=1'-0"	ID: E035

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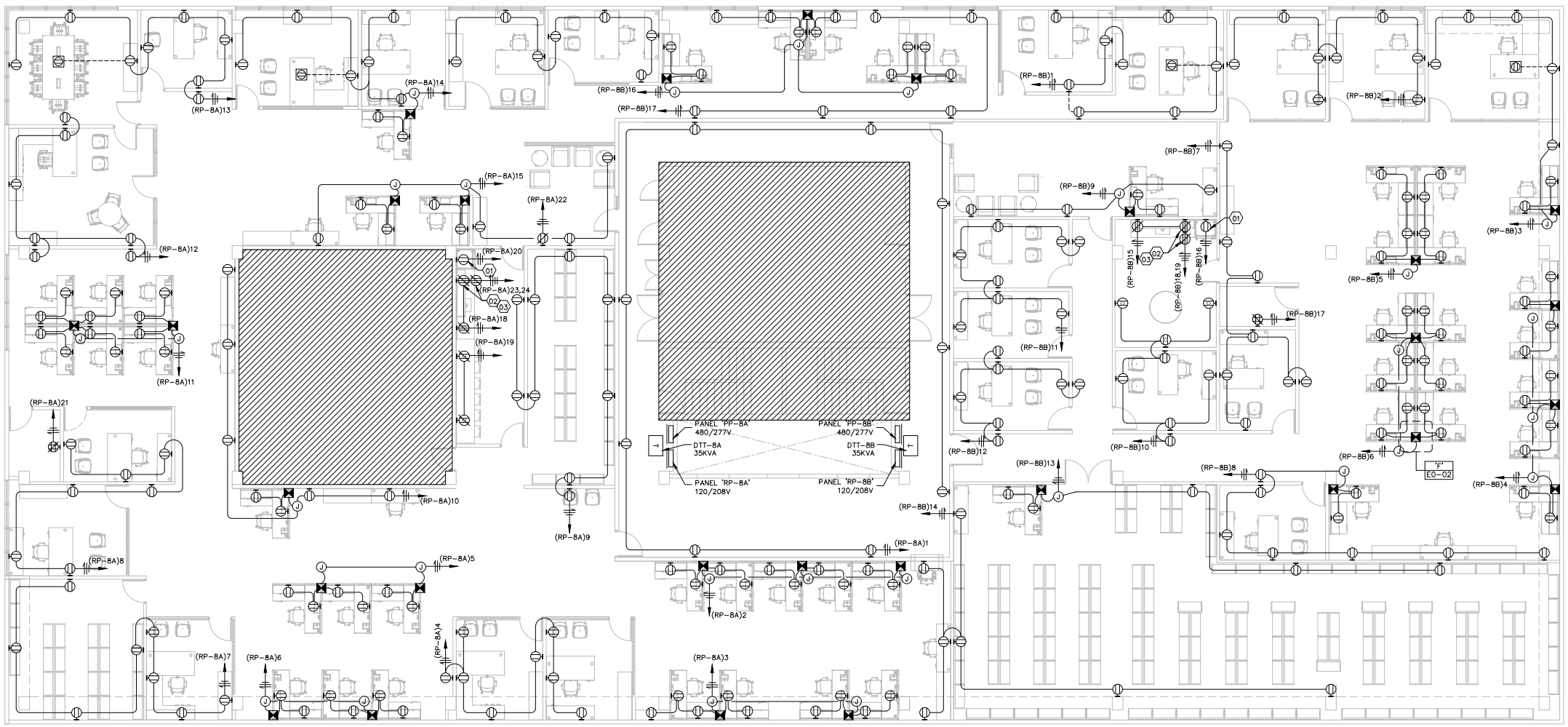
ELECTRICAL DETAILS

SCALE 1/8"=1'-0"	DRAWING No. E0–02
PROJECT No.	
DATE	SHEET No.



EXISTING ELECTRICAL CONDITIONS TO REMAIN
CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL INFRASTRUCTURE CONDITIONS BEFORE INSTALLATION.

ELECTRICAL FLOOR PLAN

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

KITCHEN EQUIPMENT ELECTRICAL SCHEDULE				
ID	DESCRIPTION	RECEPTACLE HEIGHT	EXPOSED OR CONCEALED	VOLTS.(V)
01	REFRIGERATOR	18"	CONCEALED	120
02	MICROWAVE	58"	CONCEALED	120
03	MICROWAVE	74"	CONCEALED	120

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8TH FLOOR ELECTRICAL FLOOR PLAN

SCALE	DRAWING No.
1/8"=1'-0"	E1-01
PROJECT No.	
DATE	SHEET No.

DESIGNATION	BRAND:	MAIN	VOLTAGE (V)	CIRCUIT NUM.	CIRCUIT POLES	CIRCUIT AMPS.	LOAD
'PP-8A'	SQUARE D	EXISTING	277/480V	1-5	1	20	LIGHTING
LOCATION:	TYPE:	CAPACITY (A):	SYSTEM:	6	1	20	EMERGENCY LIGHTS
ELECTRICAL ROOM	NEMA 1	100	4W	7/9/11	3	30	DRY TYPE 'DTT-8A' 35KVA
		INT. CAPACITY (K.A.I.C.):					
		–					
DESIGNATION	BRAND:	MAIN	VOLTAGE (V)	CIRCUIT NUM.	CIRCUIT POLES	CIRCUIT AMPS.	LOAD
'DP-8A'	SQUARE D	LUGS	120/208V	1-17	1	20	RECEPTACLES
LOCATION:	TYPE:	CAPACITY (A):	SYSTEM:	18-19	1	20	KITCHEN COUNTER RECEPTACLES
ELECTRICAL ROOM	NEMA 1	100	4W	20	1	20	REFRIGERATOR
		INT. CAPACITY (K.A.I.C.):		21	1	20	TELECOMM RACK #1
		–		22	1	20	FIRE ALARM PANEL
				23-24	1	20	MICROWAVE RECEPTACLE
DESIGNATION	BRAND:	MAIN	VOLTAGE (V)	CIRCUIT NUM.	CIRCUIT POLES	CIRCUIT AMPS.	LOAD
'PP-8B'	SQUARE D	EXISTING	277/480V	1-5	1	20	LIGHTING
LOCATION:	TYPE:	CAPACITY (A):	SYSTEM:	6	1	20	EMERGENCY LIGHTS
ELECTRICAL ROOM	NEMA 1	100	4W	7/9/11	3	30	DRY TYPE 'DTT-8B' 35KVA
		INT. CAPACITY (K.A.I.C.):					
		–					
DESIGNATION	BRAND:	MAIN	VOLTAGE (V)	CIRCUIT NUM.	CIRCUIT POLES	CIRCUIT AMPS.	LOAD
'DP-8B'	SQUARE D	LUGS	120/208V	1-14	1	20	RECEPTACLES
LOCATION:	TYPE:	CAPACITY (A):	SYSTEM:	15	1	20	KITCHEN COUNTER RECEPTACLES
ELECTRICAL ROOM	NEMA 1	100	4W	16	1	20	REFRIGERATOR
		INT. CAPACITY (K.A.I.C.):		17	1	20	TELECOMM RACK #2
		–		18-19	1	20	MICROWAVE RECEPTACLE

ELECTRICAL PANEL SCHEDULE

SCALE: N.T.S.

ID	DESCRIPTION	MANUFACTURER	MODEL	VOLTS	BALLAST TYPE	LAMPS OR TUBES NUM.	LAMPS OR TUBES WATTS	LAMPS OR TUBES TYPE	TOTAL WATTS
L1	2'X2' LED FIXTURE	LITHONIA LIGHTING	3400LM 80 CRI 40K MIN10 ZT 277V	277	DR	–	–	–	–
ES	EXIT SIGN	LITHONIA LIGHTING	ECBG LED M6	277	DR	1	3	LED	3

FIXTURE NOTES:
-EB DENOTES 'ELECTRONIC BALLAST'.
-DB DENOTES 'DIMMABLE BALLAST'.
-IN DENOTES 'INCANDESCENT LAMP'.

*FOR MORE DETAILS REEFER TO ARCHITECTURAL DRAWINGS ON SHEET A-2.2

LIGHTING SCHEDULE

SCALE: N.T.S.

CONDUITS & CONDUCTORS INFORMATION				
BREAKER	CURRENT CARRYING CONDUCTOR SIZE	GROUND CONDUCTION	CONDUITS SIZE* 1 POLE	CONDUITS SIZE* 3 POLES
15A	#12	#12	¾"d	¾"d
20A	#12	#12	¾"d	¾"d
25A	#10	#10	¾"d	¾"d
30A	#10	#10	¾"d	¾"d
35A	#8	#10	¾"d	¾"d
40A	#8	#10	¾"d	¾"d
45A	#6	#10	1"d	1"d
50A	#6	#10	1"d	1"d
60A	#4	#10	1"d	1¼"d
70A	#4	#8	1"d	1¼"d
80A	#3	#8	1"d	1¼"d
90A	#2	#8	1¼"d	1½"d
100A	#2	#8	1¼"d	1½"d
125A	#1	#6	1¼"d	1½"d
150A	#1/0	#6	1¼"d	2"d
175A	#2/0	#6	1½"d	2"d
200A	#3/0	#3	1½"d	2"d
*ASSUME THHN/THWN INSULATION AND EMT CONDUIT, OTHER TYPES OF INSULATION AND CONDUITS MATERIALS ARE DESCRIBE BELOW				

CONDUITS & CONDUCTORS SCHEDULE

SCALE: N.T.S.

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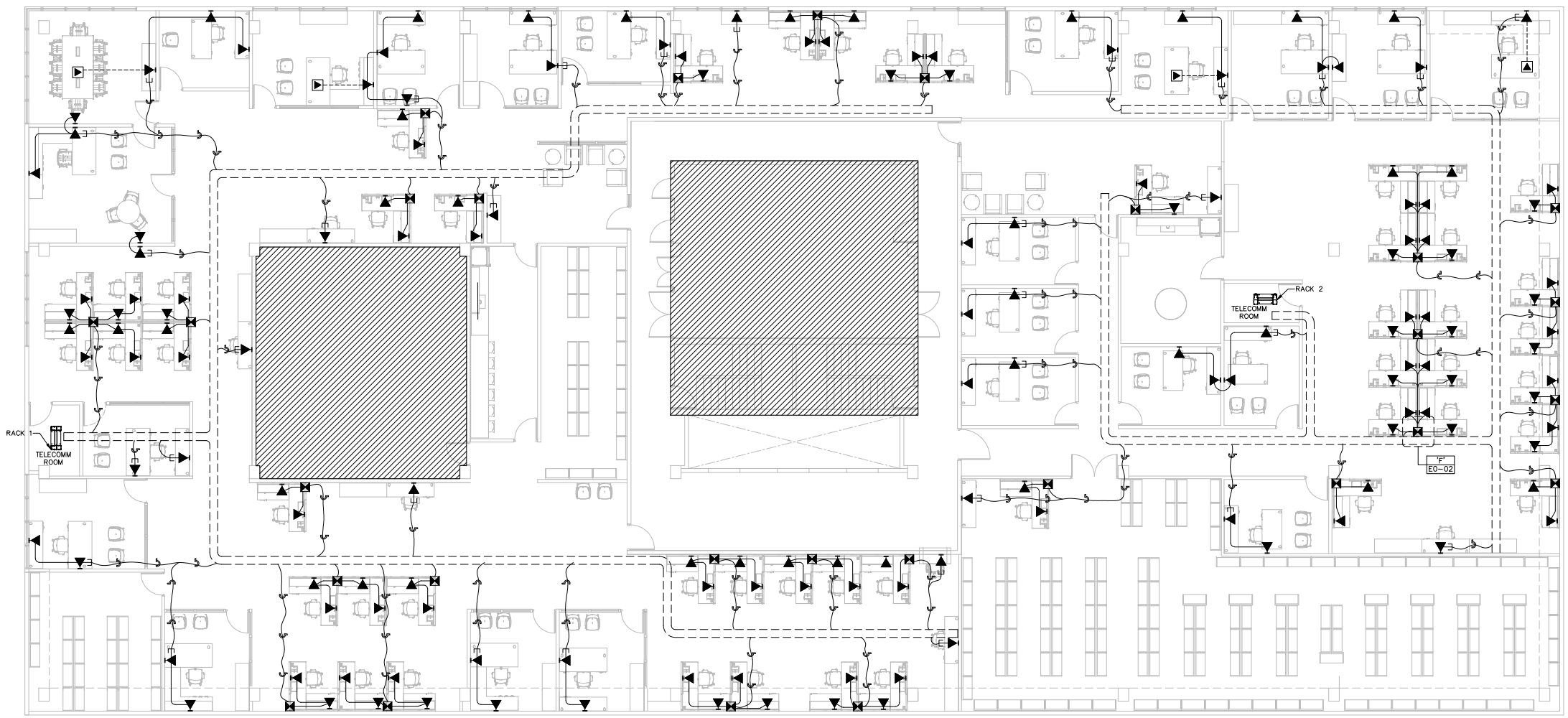
ELECTRICAL SCHEDULES

SCALE	DRAWING No.
1/8"=1'-0"	E2-01
PROJECT No.	
DATE	SHEET No.



EXISTING ELECTRICAL CONDITIONS TO REMAIN
CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL INFRASTRUCTURE CONDITIONS BEFORE INSTALLATION.

TELECOMM FLOOR PLAN

SCALE 1/8"=1'-0"

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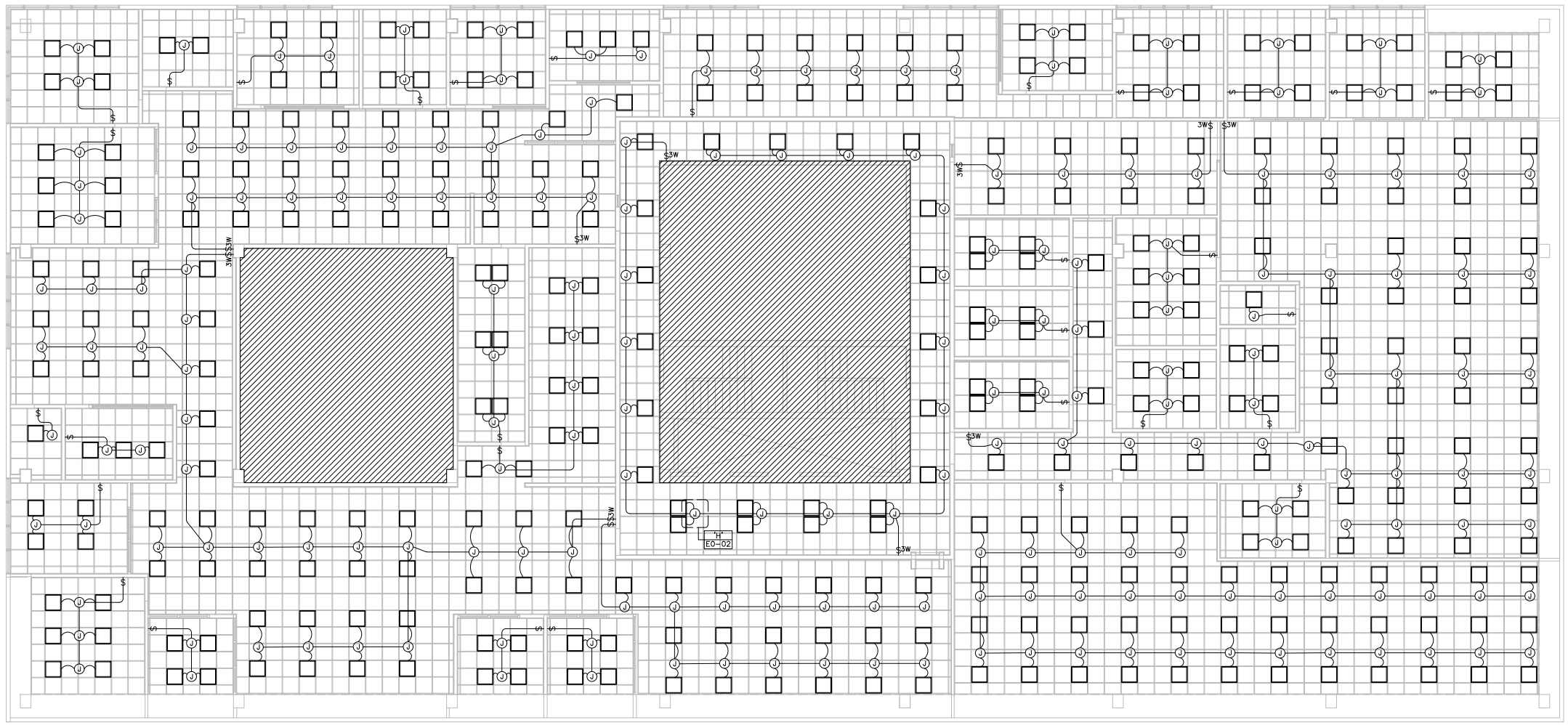
DRAWING TITLE

8TH FLOOR TELECOMM FLOOR PLAN

SCALE 1/8"=1'-0"	DRAWING No. T1-01
PROJECT No.	
DATE	SHEET No.



EXISTING ELECTRICAL CONDITIONS TO REMAIN
CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL
INFRASTRUCTURE CONDITIONS BEFORE INSTALLATION.

LIGHTING FLOOR PLAN

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

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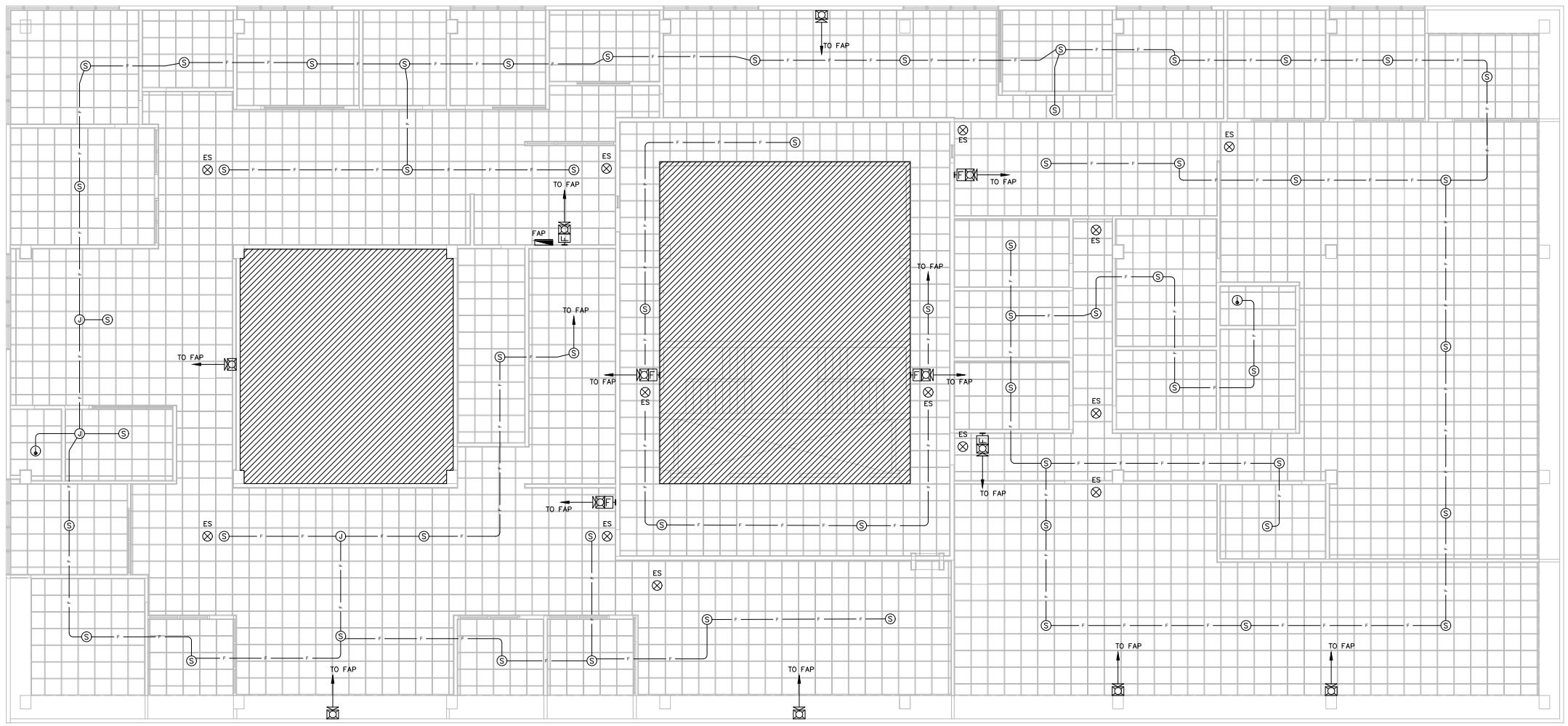
DRAWING TITLE

8TH FLOOR LIGHTING FLOOR PLAN

SCALE 1/8"=1'-0"	DRAWING No. L1-01
PROJECT No.	
DATE	SHEET No.



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FIRE ALARM FLOOR PLAN

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

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8TH FLOOR FIRE ALARM FLOOR PLAN

SCALE 1/8"=1'-0"	DRAWING No. F1-01
PROJECT No.	
DATE	SHEET No.