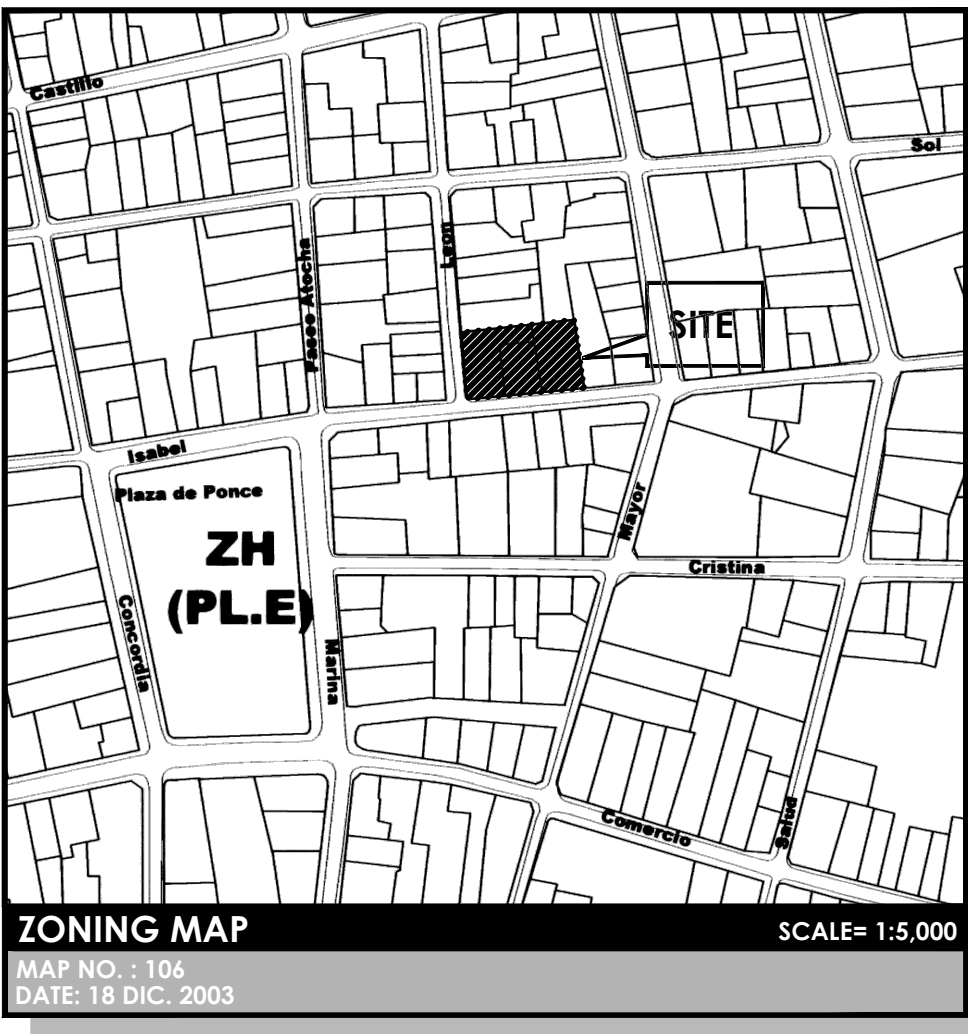
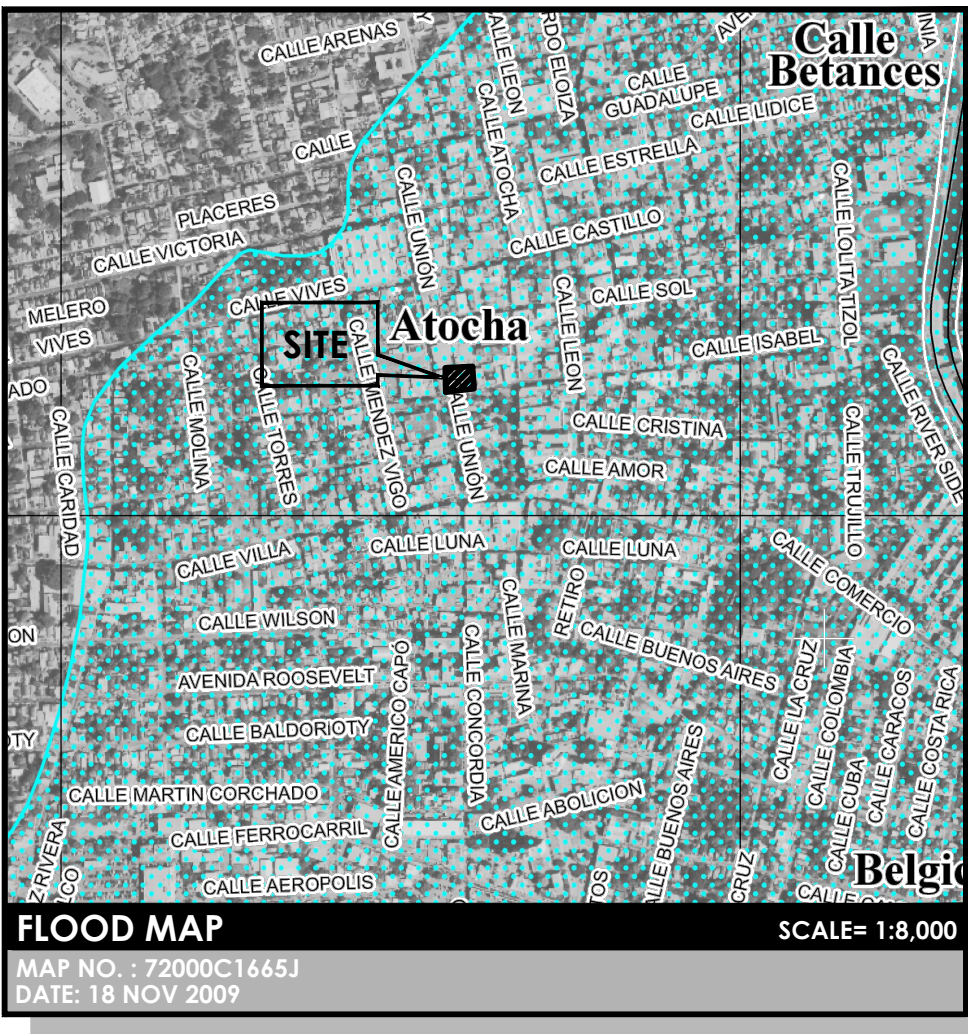
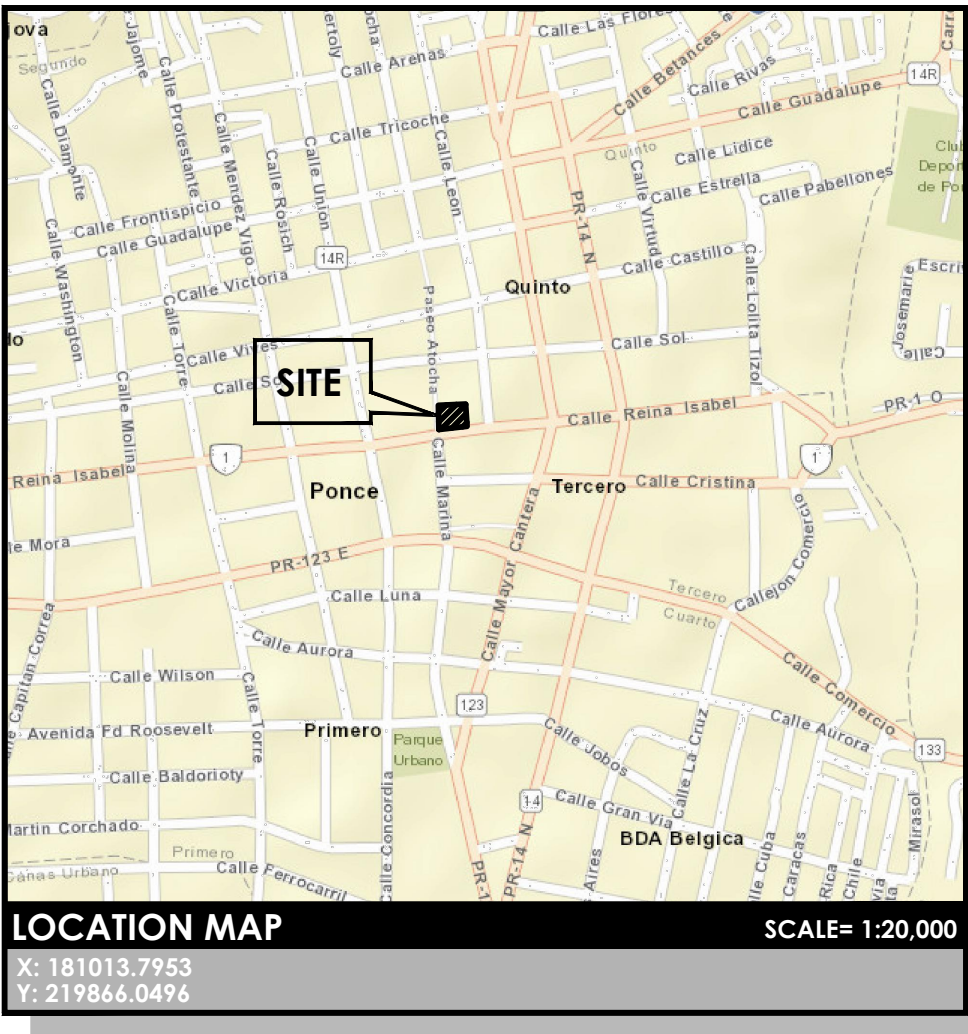




DDEC REORGANIZATION OF PHYSICAL SPACES

REMODELING OF INTERIOR SPACE FOR OGPE REGIONAL OFFICE

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

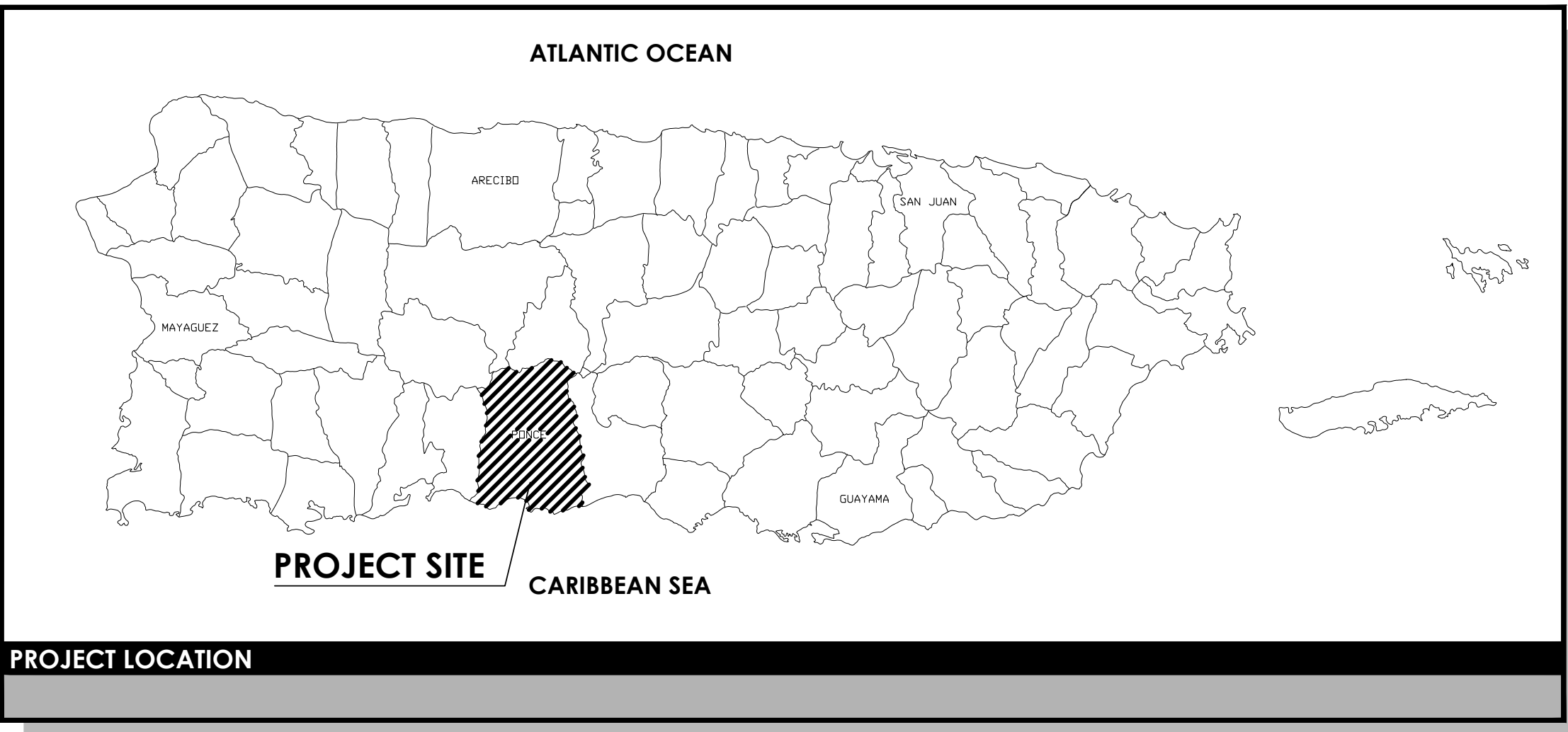
2022.04.25
CONSTRUCTION DOCUMENTS

DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC



DRAWING INDEX:

SHEET	DESCRIPTION
GENERAL	
G001	TITLE, INDEX & PROJECT LOCATION
G002	GENERAL NOTES
ARCHITECTURAL DRAWINGS	
AB101	DEMOLITION PLAN
A101	PROPOSED FLOOR PLAN & FURNITURE DISTRIBUTION
A102	PROPOSED REFLECTED CEILING PLAN
A103	PROPOSED FURNITURE DISTRIBUTION PLAN
A301	INTERIOR ELEVATIONS
A302	INTERIOR ELEVATIONS
A401	MILLWORK DETAILS
A402	MILLWORK DETAILS
A501	ARCHITECTURAL DETAILS
A601	DOOR SCHEDULE & OFFICE GLAZING
A602	GLAZING DETAILS
MECHANICAL DRAWINGS	
ACD-101	PROPOSED HVAC DEMOLITION PLANS
AC-101	PROPOSED HVAC THIRD FLOOR PLAN
AC-102	PROPOSED HVAC ROOF PLAN
AC-300	HVAC SCHEDULES
AC-301	HVAC DETAILS
AC-302	HVAC CONTROLS SCHEMATICS
PL-101	PROPOSED PLUMBING PLAN
ELECTRICAL DRAWINGS	
E101	PROPOSED LIGHTING LAYOUT PLAN
E102	PROPOSED POWER LAYOUT PLAN
E103	PROPOSED SIGNALING LAYOUT PLAN
E104	PROPOSED ROOF POWER LAYOUT PLAN
E105	PANELBOARD & ONE LINE DIAGRAM
E106	LEGEND & NOTES
E107	COMMUNICATIONS FLOOR PLAN, DETAILS & NOTES



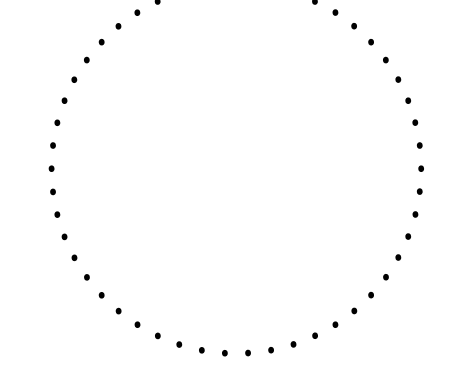
INTEGRAPR

INTEGRA DESIGN GROUP PSC
(787) 767.2111 www.integrapr.com

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRAPR. ANY REPRODUCTION OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRAPR DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTEI, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCION, CERTIFICO, ADENAS QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA Y CON LA LEY NUM. 315 DE 12 DE MAYO DE 1938, SEGUN ENMENDADA; LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO 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.

Stamp:



DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC

Revisions:

No.	Date & Description

Project Name:

**DDEC REORGANIZATION OF
PHYSICAL SPACES**

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

TITLE SHEET

SET ISSUE DATE

► 2022.04.25 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

G001

ABBREVIATIONS:

@	=	AT	LAB.	=	LABORATORY
A.C.	=	AIR CONDITIONING	LAU.	=	LAUNDRY
A.C.T.	=	ACOUSTIC CEILING TILE	LAV.	=	LAVATORY
A.D.A.	=	AMERICAN WITH DISABILITIES ACT	LBS.	=	PUNDS
A.F.F.	=	ABOVE FINISHED FLOOR	L.H.	=	LEFT HAND
A.H.U.	=	AIR HANDLING UNIT	MAX.	=	MAXIMUM
ALT.	=	ALTERNATIVE	M.C.	=	MEDICINE CABINET
ALUM.	=	ALUMINUM	MKD.	=	MARKED
AMT. / AMNT.	=	AMOUNT	MECH.	=	MECHANICAL / MECHANISM
ANOD.	=	ANODIZED	MEMB.	=	MEMBRANE
APPROX.	=	APPROXIMATELY / APPROXIMATE	MFR.	=	MANUFACTURER
A.T.C.	=	ACOUSTICAL TILE CEILING	MIN.	=	MINIMUM
BLDG.	=	BUILDING	MIR.	=	MIRROR
B.M.	=	BENCH MARK	M.O.	=	MASONRY OPENING
B.O.S.	=	BOTTOM OF SLAB	MTD.	=	MOUNTED
BRM.	=	BATHROOM	MTL.	=	METAL
CEM.	=	CEMENT	N/A	=	NOT APPLICABLE / NOT AVAILABLE
C.C.	=	CENTER TO CENTER	N.C.	=	NON-CORROSIVE
C.I.	=	CAST IRON	N.I.C.	=	NOT IN CONTRACT
C.L.	=	CENTER LINE	N.T.S.	=	NOT TO SCALE
CL.	=	CLEAR	NAT.	=	NATURAL
C.M.U.	=	CONCRETE MASONRY UNIT	O.C.	=	ON CENTER
C.O.	=	CLEAN OUT	O.D.	=	OUTSIDE DIAMETER
COL.	=	COLUMN	O.F.O.I.	=	OWNER FURNISHED OWNER INSTALLED
CONC.	=	CONCRETE	O.H.	=	OPPOSITE HAND
COND.	=	CONDITION / CONDITIONING	OPT.	=	OPTION
CONT.	=	CONTINUOUS	PART.	=	PARTITION
C.T.	=	CERAMIC TILE	P.L.	=	PROPERTY LINE
CTR.	=	CENTER	PLT.	=	PLATE
C.F.T.	=	CERAMIC FLOOR TILE	PNL.	=	PANEL
C.W.B.	=	CERAMIC WALL BASE	P.R.	=	PIPE RAIL
C.W.T.	=	CERAMIC WALL TILE	P.T.	=	PRESSURE TREATED
DEPT.	=	DEPARTMENT	PT.	=	POINT
DET.	=	DETAIL	PVC	=	POLYVINYL CHLORIDE
D.F.	=	DRINKING FOUNTAIN	Q.T.	=	QUARRY TILE
DIA.	=	DIAMETER	QTY.	=	QUANTITY
DIM. / DIMS.	=	DIMENSION/DIMENSIONS	RAD.	=	RADIUS
DIST.	=	DISTANCE	REF.	=	REFER / REFERENCE
DN.	=	DOWN	R.C.	=	REINFORCED CONCRETE
D.S.	=	DOWN SPOUT	R.C.P.	=	REFLECTED CEILING PLAN
D.W.	=	DISH WASHER	R.D.	=	ROOF DRAIN
DWG.	=	DRAWING	RD.	=	ROUND
EA.	=	EACH	RFD. / REINF.	=	REINFORCED
E.F.	=	EACH FACE / EXHAUST FAN	R.H.	=	RIGHT HAND
EIFS	=	EXTERIOR INSULATION & FINISH SYST.	R.I.	=	RIGID INSULATION
EL. / ELEV.	=	ELEVATION	R.L.	=	ROOF LEADER
ELEC.	=	ELECTRICAL / ELECTRIC	RM.	=	ROOM
EQ.	=	EQUAL	R.O.	=	ROUGH OPENING
EQMT.	=	EQUIPMENT	SC.	=	SCALE
E.W.	=	EACH WAY	SCH.	=	SCHEDULE
EXP.	=	EXPANSION	SEC. / SECT.	=	SECTION
EXST.	=	EXISTING	S.C.	=	SOLID CORE
EXT.	=	EXTERIOR	S.C.P.	=	SMOOTH CEMENT PLASTER
F.D.	=	FLOOR DRAIN	S.D.	=	SHOWER DRAIN
F.P.	=	FLOOR PLAN	S.F.	=	SQUARE FOOT / FEET / FOOTAGE
F.T.D.	=	FLOOR TRENCH DRAIN	SH.	=	SHOWER
F.F.	=	FINISHED FLOOR / FLOOR FINISH	SHR.	=	SLOPE
F.F.E.	=	FINISHED FLOOR ELEVATION	SL.	=	SLOPE
F.G.E.	=	FINISHED GRADE ELEVATION	S.M.	=	SQUARE METER / METERS
F.H.	=	FIRE HYDRANT	SM.	=	SMALL
F.H.C.	=	FIRE HOSE CABINET	SP.	=	SPACE
FIN.	=	FINISH / FINISHED	SQ.	=	SQUARE
FL.	=	FLOOR	S.S.	=	STAINLESS STEEL
FT.	=	FOOT / FEET	STD.	=	STANDARD
FUNCT.	=	FUNCTION	ST.	=	STEEL
GA.	=	GAUGE	STW.B.	=	STONE WALL BASE
GALV.	=	GALVANIZED	T&G.	=	TONGUE AND GROOVE
GEN.	=	GENERAL	T.B.D.	=	TO BE DETERMINED
G.B.	=	GRAB BAR	T.C.P.	=	TEXTURED CEMENT PLASTER
G.B.C.	=	GYPSPUM BOARD CEILING	T.E.	=	TOP ELEVATION
G.B.W.	=	GYPSPUM BOARD WALL	T.G.	=	TEMPERED GLASS
G.C.	=	GENERAL CONTRACTOR	TTD.	=	TREATED
GL.	=	GLASS	TEMP.	=	TEMPERED / TEMPERATURE
GRND.	=	GROUND	THK.	=	THICK / THICKNESS
G.R.S.	=	GAUGE OF ROLLED STEEL	THLD.	=	THRESHOLD
G.W.B.	=	GYPSPUM WALL BOARD	THR.	=	THROUGH
G.W.T.	=	GYPSPUM WALL TILE	TLT. / TOIL.	=	TOILET
GYP.	=	GYPSPUM	TYP.	=	TYPICAL
H.B.	=	HOSE BIB	U.N.O.	=	UNLESS NOTED OTHERWISE
HC. / HDCP	=	HANDICAP / HANDICAPPED	UR.	=	URINAL
H.C.	=	HOLLOW CORE	UTL.	=	UTILITY
H.F.F.	=	HEIGHT ABOVE FINISHED FLOOR	VAR.	=	VARIOUS / VARIES
H.M.	=	HOLLOW METAL	V.B.	=	VAPOR BARRIER
HT.	=	HEIGHT	VERT.	=	VERTICAL
HOR.	=	HORIZONTAL	VEST.	=	VESTIBULE
HVAC	=	HEATING, VENTILATING, AIR COND.	V.F.T.	=	VINYL FLOOR TILE
HxWxD	=	HEIGHT x WIDTH x DEPTH	VIN.	=	VINYL
HxWxL	=	HEIGHT x WIDTH x LENGTH	V.P.	=	VAPOR PROOF / VENT PIPE
INT. DIA.	=	INTERIOR DIAMETER	V.W.B.	=	VINYL WALL BASE
I.G.	=	INSULATING GLASS	V.W.C.	=	VINYL WALL COVERING
I.I.C.	=	INCLUDED IN CONTRACT	W.	=	WIDE / WIDTH
IN.	=	INCH	WI.	=	WITH
INV. EL.	=	INVERT ELEVATION	WO.	=	WITHOUT
I.F.F.	=	INTERIOR FINISHED FLOOR	W.C.	=	WATER CLOSET / WATER COOLER
INSUL.	=	INSULATION	WD.	=	WOOD
INT.	=	INTERIOR	W.H.	=	WATER HEATER / WALL HYDRANT
JAN.	=	JANITOR	W.I.	=	WROUGHT IRON
JO.	=	JOIST	WP.	=	WATERPROOF / WATERPROOFING
JOINT.	=	JOINT	WS.	=	WASTE STACK
K.D.	=	KILN DRIED / KNOCK DOWN	W.ST.	=	WROUGHT STEEL
L.	=	LENGTH	W.W.B.	=	WOOD WALL BASE
			W.W.M.	=	WELDED WIRE MESH

GENERAL NOTES:

GENERAL:

- THESE PLANS AND SPECIFICATIONS ARE AND WILL REMAIN THE PROPERTY OF THE ARCHITECT. THEY SHALL NOT BE REPRODUCED IN PART OR WHOLE, NOR SHALL THEY BE USED ON ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.
- CONSTRUCTION SHALL FOLLOW ALL APPLICABLE FEDERAL AND LOCAL CODES. FURTHERMORE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXECUTING THE CONSTRUCTION PROJECT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) OR (O.F.O.I.). ALL EQUIPMENT, WORK AND MATERIALS SHALL COMPLY WITH APPLICABLE CODES, GOVERNING REGULATIONS, AND WITH THE CONTRACT DOCUMENTS.
- IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THE WORK.

EXISTING CONDITIONS:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING AND EVALUATING THE SITE PRIOR TO SUBMITTING PROPOSALS OR COMMENCING CONSTRUCTION WORK. THE CONTRACTOR MUST NOTIFY THE ARCHITECT IN WRITING OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES DISCOVERED DURING SAID EVALUATION OR ASSUME FULL RESPONSIBILITY FOR CONSEQUENCES ARISING OUT OF SAID ERRORS, OMISSIONS, OR DISCREPANCIES.

DAMAGE TO PROPERTY:

- THE CONTRACTOR SHALL PROTECT ALL FINISH WORK AND SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION. IF DEEMED NECESSARY BY EITHER OWNER OR ARCHITECT, THE CONTRACTOR SHALL REPLACE AND/OR REPAIR ITEMS DAMAGED BY CONTRACTOR OR SUBCONTRACTOR PERSONNEL AT CONTRACTOR'S EXPENSE.

SUBMITTALS:

- THE CONTRACTOR SHALL SUBMIT COMPLETE SETS OF SHOP DRAWINGS AND SUBMITTALS FOR REVIEW WELL IN ADVANCE OF SCHEDULED WORK. THIS, IN ORDER TO ENSURE THAT SUFFICIENT TIME IS PROVIDED FOR EVALUATION.
- CONTRACTOR SHALL SUBMIT MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH PRODUCT AND/OR MATERIAL TO BE USED.
- ALL ADHESIVES, PAINTS & SEALERS SHALL BE NON-TOXIC, SOLVENT FREE, AND LOW IN VOLATILE ORGANIC COMPOUNDS (VOC).
- ALL RUBBER-BASED MATERIALS SHALL BE PVC FREE & HAVE AT LEAST 20% POST CONSUMER RECYCLED CONTENT.

DEMOLITION NOTES:

GENERAL:

- THE WORK SHALL INCLUDE ALL LABOR, MATERIALS, AND SERVICES NECESSARY FOR ALL REQUIRED DISMANTLING, DEMOLITION, AND SALVAGE, AS SHOWN AND SPECIFIED IN THE DRAWINGS.
- DEMOLITION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE BUILDING CODE AND WITH APPLICABLE SAFETY REQUIREMENTS OF THE LANDLORD, CITY, AND STATE WHERE THE PROJECT IS LOCATED.
- DEMOLITION AND REMOVAL SHALL BE CONDUCTED IN A MANNER THAT ELIMINATES HAZARDS TO PERSONS, THE ENVIRONMENT, PROJECT PROPERTY, AND SURROUNDING AREAS. THE CONTRACTOR SHALL MAINTAIN THE PROJECT SITE AND SURROUNDING AREAS FREE OF WASTE, IN ACCORDANCE WITH MUNICIPAL, STATE AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL PREVENT THE RELEASE OF LEAD CONTAINING DUST AND ASBESTOS FIBERS INTO THE AIR AND SOIL. REFER TO AND COMPLY WITH HAZARDOUS MATERIALS ABATEMENT REQUIREMENTS.

EXISTING CONDITIONS:

- THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE DEMOLITION REQUIREMENTS. THE CONTRACTOR'S FAILURE TO ACQUAINT HIMSELF WITH ALL AVAILABLE INFORMATION CONCERNING THE EXISTING CONDITIONS AT THE SITE WILL NOT RELIEVE HIM OR HER FROM THE RESPONSIBILITY FOR ACCURATELY ESTIMATING THE DIFFICULTY AND COST OF THE WORK.

- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES NOTED BETWEEN THE EXISTING CONDITIONS AT THE SITE AND THE CONSTRUCTION DOCUMENTS.

DISPOSAL & RECYCLING:

- THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL NON-RECYCLABLE MATERIALS RESULTING FROM DEMOLITION WORK AT CERTIFIED LANDFILLS, IN ACCORDANCE WITH MUNICIPAL, STATE, AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY HANDLING AND TEMPORARILY STORING RECYCLED/RECYCLABLE MATERIAL OBTAINED DURING DEMOLITION AND MATERIAL REMOVAL.

DAMAGE TO PROPERTY:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO THE PROPERTY, INCLUDING AREAS OR ELEMENTS TO REMAIN DURING DEMOLITION, RECYCLING, AND/OR THE CONSTRUCTION PHASE, IN ADDITION TO ANY DAMAGES CAUSED TO ADJACENT PROPERTIES. DAMAGED ITEMS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SATISFACTION. THIS CONDITION ALSO COVERS ANY DAMAGES CAUSED TO ADJACENT PROPERTIES OR STRUCTURES DURING REMOVAL AND DISPOSAL OF HAZARDOUS MATERIAL.

TAG SYMBOLS LEGEND

L-01 LIGHT FIXTURE IDENTIFICATION NUMBER

DOORS IDENTIFICATION NUMBER

WINDOWS IDENTIFICATION NUMBER

INDICATES EQUIPMENT NUMBER FOR BATHROOMS AND KITCHENS

INDICATES WALL TYPE NUMBER FOR DETAILS

Room INDICATES ROOM NAME

INDICATES ROOM SPACES NUMBER

INDICATES ROOM FINISH NUMBER

INDICATES REVISION CLOUD IN REVISED AREA

REVISION IDENTIFICATION, INDICATE REVISION DATE & DESCRIPTION AT REVISION TABLE (ON SHEET)

INDICATES REVISION NUMBER

GRAPHIC & PATTERNS LEGEND

	EARTH		VARIES FOR SAND AREA, TEXTURES OF WALL, REFLECTED CEILING AREA, GRANITE STONE... (SEE DESCRIPTION NOTES FOR CLASSIFICATION)
	COMPACTED FILL		VARIES FOR TEXTURE OF AREA (SEE DESCRIPTION NOTES FOR CLASSIFICATION)
	GRAVEL		GRASS OR PLANTING AREA
	SMALL ROCKS		TILE OR MESH
	GLAZING		INSULATION PANEL
	STEEL		WOOD

REINFORCED CONCRETE WALL OR COLUMNS

4" TO 8" BLOCK WALL, CONCRETE MASONRY UNIT - (CMU)

GYPSPUM BOARD WALL (SEE DESCRIPTION NOTES FOR CLASSIFICATION)

GYPSPUM BOARD WALL WITH INSULATION (SEE DESCRIPTION NOTES FOR CLASSIFICATION)

SPECIAL CONSTRUCTION WALL (AS NOTED)

LOW WALL

EXISTING CONCRETE WALL OR COLUMNS

EXISTING BLOCK WALL

EXISTING AREA TO BE DEMOLISHED OR REMOVED

GRAPHIC SYMBOLS

INDICATES DIRECTION OF ELEVATION

INDICATES ELEVATION LETTER

INDICATES NUMBER OF SHEET DESIGNATION

INDICATES DIRECTION OF GENERAL SECTION

INDICATES GENERAL SECTION LETTER

INDICATES NUMBER OF SHEET DESIGNATION

INDICATES DIRECTION OF WALL SECTION

INDICATES WALL SECTION LETTER

INDICATES NUMBER OF SHEET DESIGNATION

INDICATES DIRECTION OF DETAIL SECTION

INDICATES DETAIL SECTION LETTER

INDICATES NUMBER OF SHEET DESIGNATION

INDICATES INTERIOR ELEVATION NUMBER

INDICATES NUMBER OF SHEET DESIGNATION

LEVEL LINE OF FINISHED FLOOR ELEVATION, INDICATES NAME & HEIGHT OF LEVELS

LEVEL LINE INDICATES NAME & HEIGHT OF LEVELS

BUILDING AXIS, NEW CONSTRUCTION

BUILDING AXIS, EXISTING CONDITION

INDICATE NORTH OF SITE

INDICATES SPOT ELEVATION

INDICATES ROOF OR FLOOR SLOPE

INDICATES CENTRELINE OF OBJECT

FINISH FLOOR MATERIAL CHANGE

FINISH FLOOR MATERIAL CHANGE

Stamp:

Revisions:
No. Date & Description

Project Name:
DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

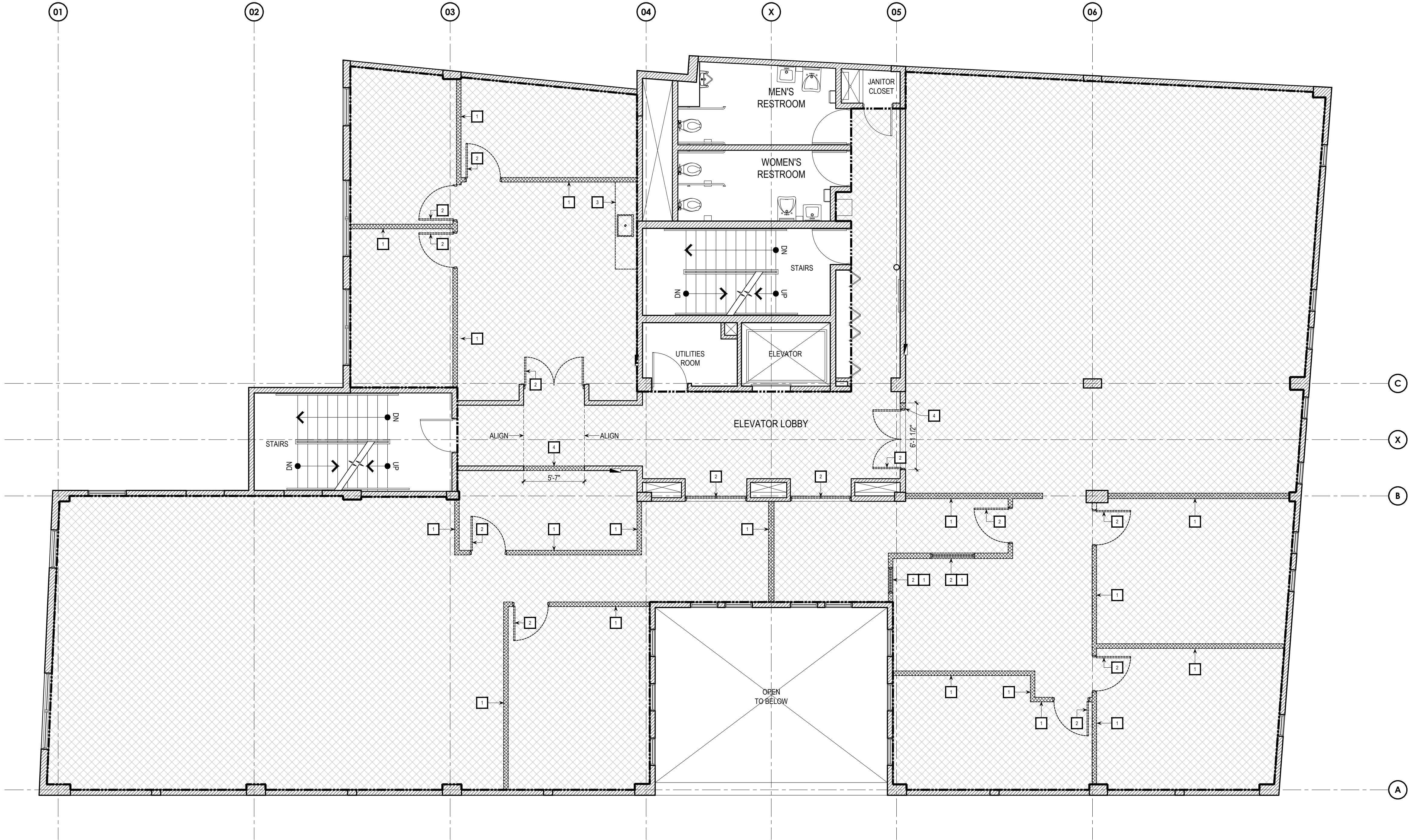
GENERAL NOTES

SET ISSUE DATE
► 2022.03.18 ◀
CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

G002



PROPOSED DEMOLITION FLOOR PLAN
SCALE: 3/16"=1'-0"

DEMOLITION NOTES:

- THE CONTRACTOR SHALL VISIT THE BUILDING AND BECOME ACQUAINTED WITH THE EXISTING CONDITIONS. FAILURE TO VISIT THE PROJECT SITE WILL IN NO WAY RELIEVE THE CONTRACTOR FROM PERFORMING ALL WORK REQUIRED FOR THE COMPLETION OF THE CONTRACT.
- VISITS TO THE PROJECT AREA SHALL BE ARRANGED THROUGH THE CONTRACTING OFFICER.
- THE CONTRACTOR SHALL VERIFY ALL RELEVANT ASPECTS REQUIRED TO COMPLETE THE DEMOLITION WORK.
- THE CONTRACTOR SHALL DISPOSE OF THE REMOVED ITEMS SELECTED BY THE CONTRACTING OFFICER FOR DISPOSAL AND SHALL STORE THE ITEMS DESIGNATED FOR SALVAGE OR REUSE IN THE APPROPRIATE LOCATION.
- THE CONTRACTOR SHALL REMOVE ALL INTERIOR WALLS AND PARTITIONS AS INDICATED WITHIN THE DEMOLITION AREA (GYPSUM BOARD/WOOD PARTITIONS, GLAZING AND/OR OTHER DECORATIVE ELEMENTS). THOSE ITEMS THAT ARE IDENTIFIED AS EXISTING TO REMAIN SHALL BE MAINTAINED AND PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND UNUSED EQUIPMENT FROM THE PROJECT AREA.
- THE CONTRACTOR SHALL REMOVE ALL SUSPENDED CEILING COMPONENTS AND CEILING-MOUNTED EQUIPMENT, AND COORDINATE THEIR DISPOSAL OR REUSE WITH THE OWNER.
- ALL ELECTRICAL INSTALLATIONS MUST BE VERIFIED. THE CONTRACTOR SHALL REMOVE ANY NON-COMPLIANT OR ABANDONED INSTALLATIONS.
- THE CONTRACTOR SHALL REMOVE ALL LOOSE OR CRACKED PLASTER. THE CONTRACTOR SHALL THEN PATCH AND SMOOTH OUT THESE AREAS AS NECESSARY TO ACHIEVE AN EVEN AND CONSISTENT SURFACE APPEARANCE.
- THE CONTRACTOR SHALL APPLY A SELF-LEVELING SKIM COAT THROUGHOUT THE ENTIRE FLOOR, WITHIN THE PROJECT'S LIMITS.
- WHEREVER DEFECTIVE, LOOSE, OR DAMAGED VINYL IS ENCOUNTERED, THE FOLLOWING SHALL APPLY:
 - ONCE THE AREA IS CLEAN AND CLEAR OF ANY FURNITURE OR EQUIPMENT, CHECK THE OLD VINYL FLOORING FOR BUBBLES, HOLES, DENTS AND PORTIONS THAT ARE LOOSE OR LOOSENING FROM THE SUBSTRATE.
 - REMOVE ALL LOOSE OR BROKEN TILES AS NEEDED.
 - VACUUM THE FLOOR AND REMOVE ALL DIRT AND DEBRIS IN PREPARATION FOR THE NEXT STEP, WHICH IS THE APPLICATION OF A SKIM COAT THROUGHOUT THE ENTIRE FLOOR.
 - THE CONTRACTOR SHALL SKIM COAT THE EXISTING SURFACE SO THAT THE NEW VINYL FLOORING WILL HAVE A PERFECTLY EVEN SUBSTRATE TO ADHERE TO. USE A THIN LAYER OF JOINT COMPOUND SUITABLE FOR INDOOR USE TO PATCH ANY GAPS OR DENTS.
 - SAND ANY IMPERFECTIONS RESULTING FROM THE REMOVAL PROCESS AND PROCEED ACCORDING TO THE INSTRUCTIONS OF THE SKIM COAT PRODUCT. ENSURE THE TEXTURE OF THE EXISTING VINYL DOES NOT TRANSFER TO THE NEW FLOORING. IN AREAS WHERE THERE ARE DEEPER GAPS OR DENTS, APPLY A THICKER MIXTURE OF THE SKIM COAT. WHEN FINISHED, THE SKIM COAT SHOULD BE AS FLAT AND EVEN AS POSSIBLE.
 - ONCE THE SKIM COAT HAS DRIED, USE A TROWEL TO GENTLY SCRAPE OFF ANY DRIPS OR LINES LEFT DURING APPLICATION. IF NEEDED, LIGHTLY SAND ANY IMPERFECTIONS. ONCE THIS STEP IS COMPLETE, INSTALL THE NEW FLOOR FINISH, AS INDICATED IN THE CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING CARPET FOUND WITHIN THE PROJECT AREA.
- THE CONTRACTOR SHALL CLEAN ALL SURFACES, INCLUDING WALLS AND PERIPHERAL STOREFRONTS. IN ADDITION, THE CONTRACTOR SHALL CHECK FOR LOOSE GASKETS AND REPAIR AS NEEDED.
- THE CONTRACTOR SHALL REMOVE UNUSED NAILS, SCREWS, OR HOOKS FROM WALLS AND CEILINGS. IN ADDITION, THE CONTRACTOR SHALL PATCH AND SMOOTH OUT SURFACES AS NECESSARY TO ACHIEVE AN EVEN AND CONSISTENT SURFACE APPEARANCE.
- THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING WINDOW SHADES AND SIMILAR ACCESSORIES FOUND WITHIN THE PROJECT'S LIMITS.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING FURNITURE, CUBICLES, MOVEABLE EQUIPMENT, CABINETS AND MILLWORK FROM THE PROJECT AREA. THE CONTRACTOR SHALL COORDINATE DISPOSAL OR SALVAGE OF THESE ITEMS WITH OWNER.

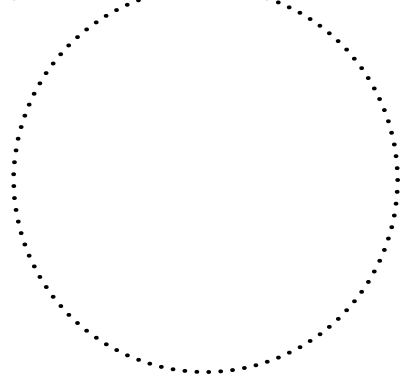
DEMOLITION KEY NOTES:

MKD	DESCRIPTION
1	DEMOLISH/REMOVE GYPSUM BOARD WALL OR PARTITION
2	REMOVE DOOR / WINDOW COORDINATE DISPOSAL / REUSE WITH OWNER
3	DEMOLISH/REMOVE BUILT-IN CABINET AND FIXTURES
4	PARTIALLY DEMOLISH CONC. BLOCK WALL
5	RESERVED
6	RESERVED
7	RESERVED
	REMOVE EXISTING FLOOR FINISH MATERIAL

FLOOR PLAN LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- REMOVE OR DEMOLISH
- PROJECT LIMIT

Stamp:



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED DEMOLITION FLOOR PLAN

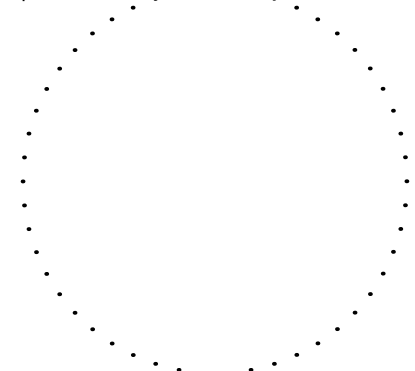
SET ISSUE DATE
2022.03.18
CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

AB101

Stamp:



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED FLOOR PLAN

SET ISSUE DATE

2022.03.18

CONSTRUCTION DOCUMENTS

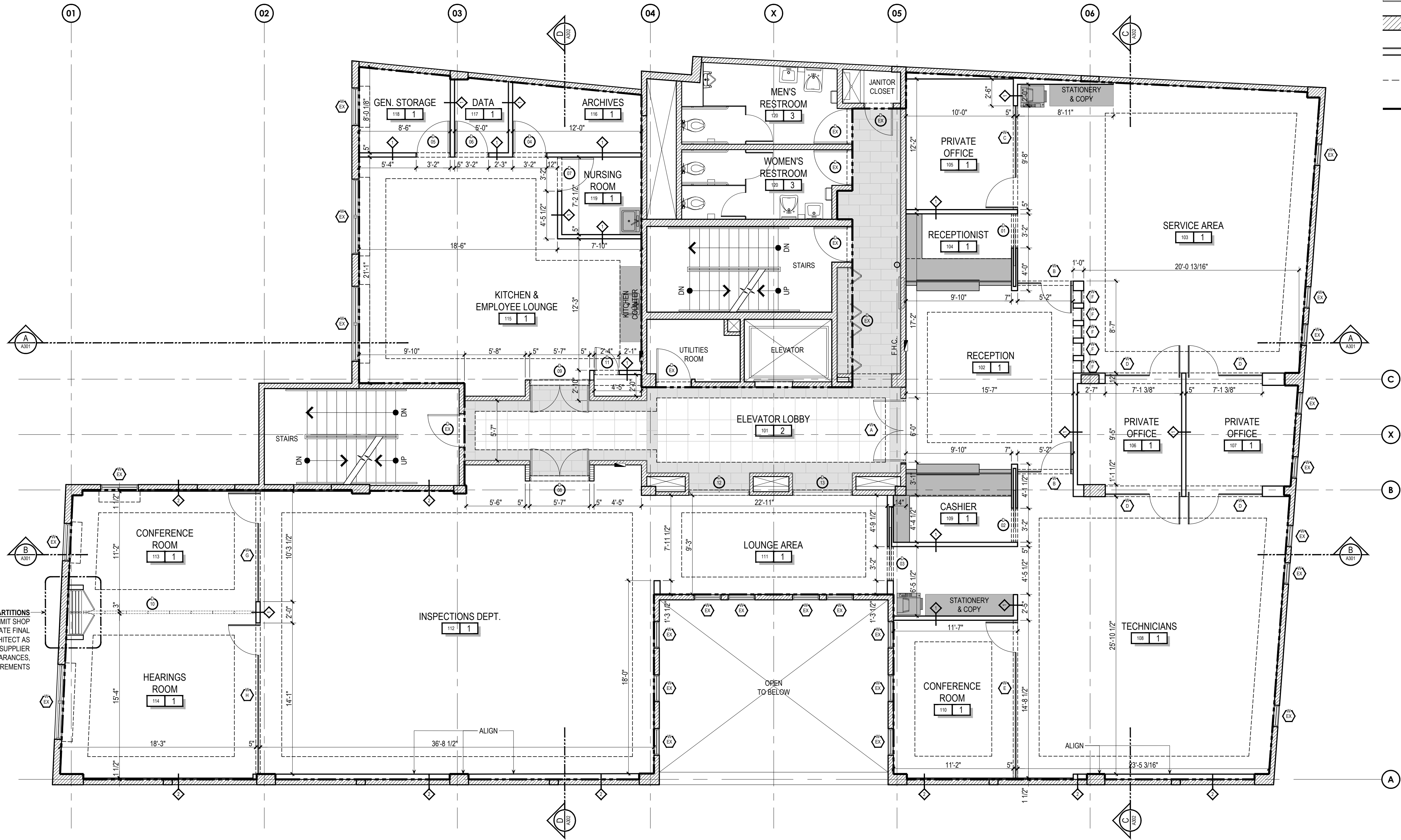
OGPe OFFICE - 3RD FLOOR

Sheet:

A101

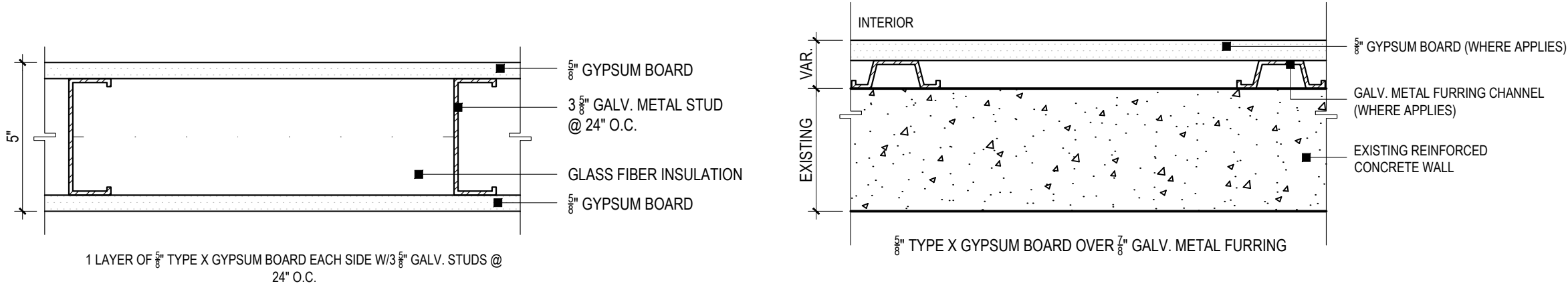
FLOOR PLAN LEGEND

- EXISTING WALLS TO REMAIN
- NEW GYPSUM BOARD WALLS
- OBJECTS OVERHEAD
- PROJECT LIMIT



PROPOSED FLOOR PLAN

SCALE: 3/16"=1'-0"



WALL TYPE MKD. 1

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

WALL TYPE MKD. 2

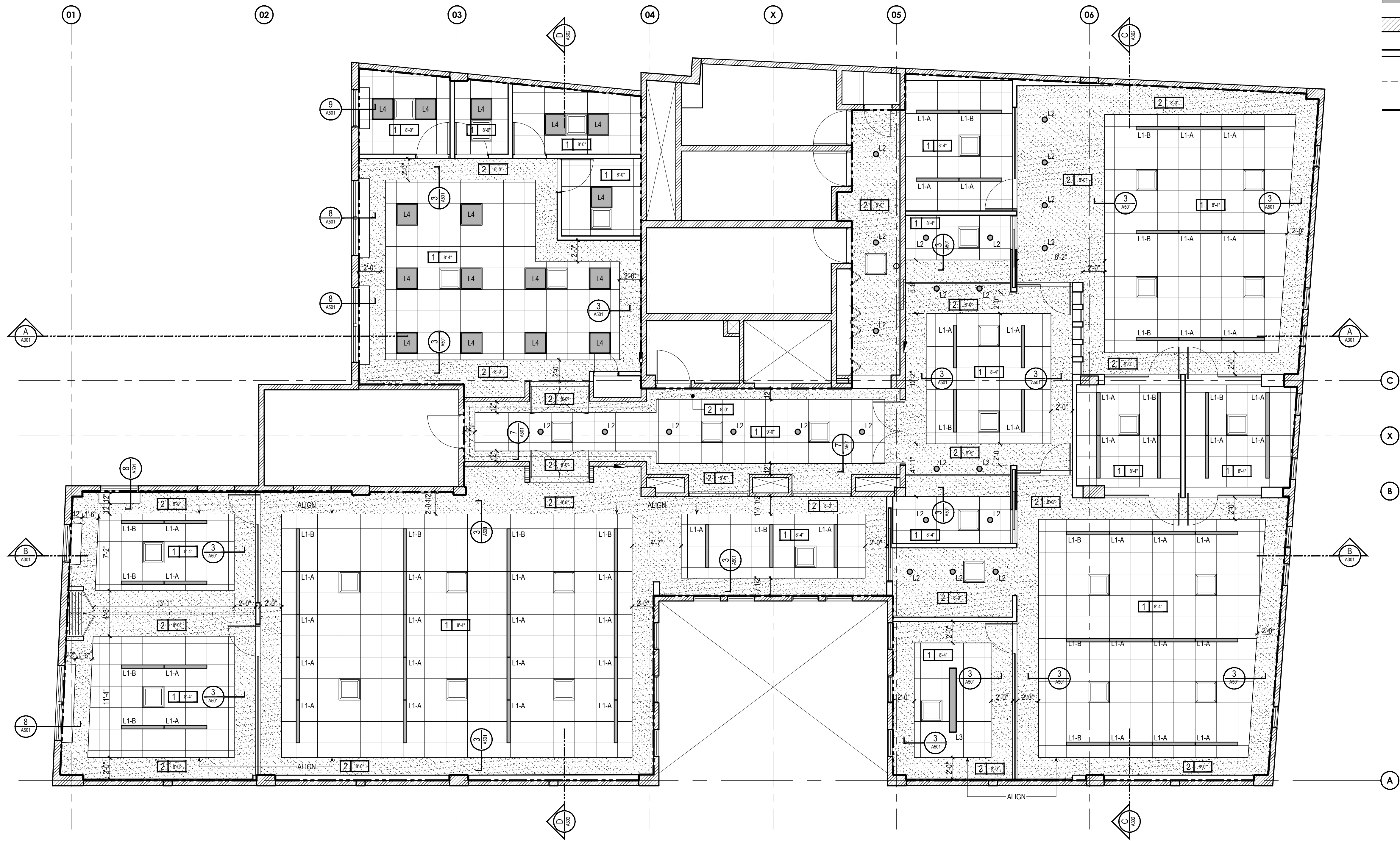
SCALE: 3/8"=1'-0"

FINISHES SCHEDULE:

FINISH	FLOOR	WALL	CEILING	BASE
1	LVT-1: LUXURY VINYL TILE 24" X 24" MANUFACTURER: SHAW MODEL: THROUGHTFUL 422V COLOR: CUSTARD 2100	P-1: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH P-2: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH	P-1: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH ACT-1: ACOUSTIC CEILING TILE 24" X 24" MANUFACTURER: HARBONY MODEL: ULTIMA REVELED TESSALUM WITH 4" SUPRAPHANE SLIP SYSTEM	B-1: RUBBER BASE - 2.5" MANUFACTURER: BENTON CORPORATION MODEL: FINNACLE NOTICE PROFILE COLOR: 637 NIGHT WEST
2	CT-1: CERAMIC TILE 24" X 24" MANUFACTURER: DALLIE MODEL: PORTFOLIO COLOR: WHITE PRIS CT-2: CERAMIC TILE 12" X 24" MANUFACTURER: DALLIE MODEL: PORTFOLIO COLOR: ASH GREY PRIS	P-1: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH P-2: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH ACT-1: ACOUSTIC CEILING TILE 24" X 24" MANUFACTURER: HARBONY MODEL: ULTIMA REVELED TESSALUM WITH 4" SUPRAPHANE SLIP SYSTEM	P-1: SMOOTH GYPSUM PLASTER - PAINTED APPLY PRIMER AND TWO COATS OF HARBONY PRIMER/SEALER BY SHERWIN WILLIAMS COLOR: INCREASIBLE WHITE SWATCH ACT-1: ACOUSTIC CEILING TILE 24" X 24" MANUFACTURER: HARBONY MODEL: ULTIMA REVELED TESSALUM WITH 4" SUPRAPHANE SLIP SYSTEM	B-2: CERAMIC TILE BASE 3" X 12" MANUFACTURER: DALLIE MODEL: PORTFOLIO BALLSTONE FIELDS COLOR: ASH GREY PRIS
3	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN

IMPORTANT NOTES:

- CONTRACTOR SHALL SUBMIT SAMPLES FOR ALL FINISH MATERIALS FOR ARCHITECT'S APPROVAL.
- ALL WALLS WITHIN THE PROJECT LIMITS SHALL BE PAINTED, UNLESS OTHERWISE NOTED AND SPECIFICALLY INDICATED IN THE DRAWINGS. THE FINISHES IN THE SCHEDULE ABOVE SHALL APPLY.
- TO THE EXTENT NECESSARY AND IN ORDER TO ACHIEVE A UNIFORM, CLEAN APPEARANCE THROUGHOUT THE PROJECT, EXISTING GYPSUM BOARD WALLS TO REMAIN SHALL BE REPAIRED, PATCHED AND PAINTED ON THE PROJECT SIDE.
- EXISTING CONCRETE WALLS THAT ARE DAMAGED, OR THAT ARE IMPACTED DURING CONSTRUCTION SHALL BE REPAIRED TO THE EXTENT NECESSARY IN ORDER TO ACHIEVE A UNIFORM, CLEAN APPEARANCE THROUGHOUT THE PROJECT. FOR THIS PURPOSE, THE CONTRACTOR SHALL APPLY A PRODUCT EQUAL OR SIMILAR TO WALL FINISH (D088) BY MASTER PRODUCTS CORPORATION BEFORE PAINTING THE SURFACE.
- EXISTING CONCRETE WALLS SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. THE CONTRACTOR SHALL APPLY THE ALTERNATE WALL TYPE FURRING DETAIL SHOWN ON THIS SHEET WHEREVER NECESSARY IN ORDER TO PROTECT EXISTING CONCRETE WALLS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL REINFORCEMENTS WHERE NECESSARY.
- THE CONTRACTOR SHALL COORDINATE GROUT TO BE USED FOR TILE INSTALLATION. GROUT USED SHALL BE APPROVED BY ARCHITECT.
- ALL COLORS, TEXTURES AND FINISHES TO BE SELECTED BY ARCHITECT. THE CONTRACTOR SHALL SUBMIT FULL SIZE SAMPLES FOR APPROVAL PRIOR TO INSTALLATION.
- SUBSTITUTIONS SHALL CONFORM TO THE SPECIFICATIONS AND BE EQUAL IN QUALITY, PERFORMANCE AND APPEARANCE TO THE MATERIALS LISTED ABOVE.
- ALL MANUFACTURERS/PRODUCTS ARE INDICATED AS A GUIDELINE. THE CONTRACTOR SHALL MEET THE PERFORMANCE AND QUALITY OF THE SPECIFIED PRODUCT WITH AN EQUAL OR SIMILAR PRODUCT TO BE APPROVED.
- ALL ADHESIVES, PAINTS AND SEALERS SHALL BE NON-TOXIC, SOLVENT FREE, AND LOW IN VOLATILE ORGANIC COMPOUNDS (LOW VOC).
- ALL RUBBER BASED MATERIALS SHALL BE PVC FREE.



PROPOSED REFLECTED CEILING PLAN
SCALE: 3/16"=1'-0"

RCP SYMBOLS LEGEND:	
SYMBOL	DESCRIPTION
	L1-A: 4' LINEAR RECESSED MOUNT LED LIGHT FIXTURE
	L1-B: 4' LINEAR RECESSED MOUNT LED LIGHT FIXTURE W/ BATT. PACK
	L2: RECESSED LED DOWN LIGHT
	L3: LINEAR PENDANT LED LIGHT FIXTURE
	L4: 2' X 2' RECESSED MOUNT LED LIGHT FIXTURE
	SUPPLY AIR DIFFUSER

RCP FINISHES LEGEND:	
SYMBOL	DESCRIPTION
	1 NEW 24' X 24' ACOUSTICAL CEILING TILE
	2 NEW 1/2' TYPE X GYPSUM BOARD PRIMED AND PAINTED
NOTES:	
1. CONTRACTOR TO COORDINATE LOCATION OF MECHANICAL AND ELECTRICAL FIXTURES WITHIN CEILING. FINAL LOCATION TO BE APPROVED BY ARCHITECT.	
2. FOR LIGHTING FIXTURES AND EMERGENCY LIGHTING FIXTURE SCHEDULE REFER TO ELECTRICAL DRAWINGS.	
3. FOR HVAC AND DETAILS SEE MECHANICAL DRAWINGS.	
4. PROVIDE LATERAL BRACING FOR SUSPENDED CEILING AS REQUIRED BY APPLICABLE CODES.	

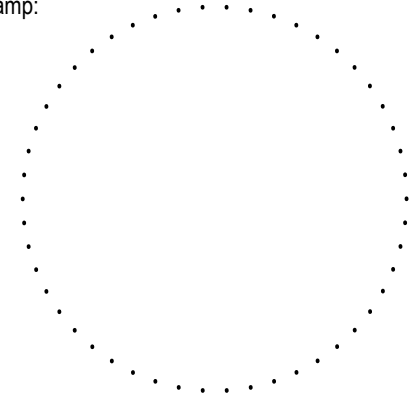
FLOOR PLAN LEGEND

- EXISTING WALLS TO REMAIN
- NEW GYPSUM BOARD WALLS
- HIDDEN OBJECTS
- PROJECT LIMIT

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION, OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTEI, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1986, SEGÚN ENMIENDADA; LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, RECONOCIENDO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO 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.

Stamp:

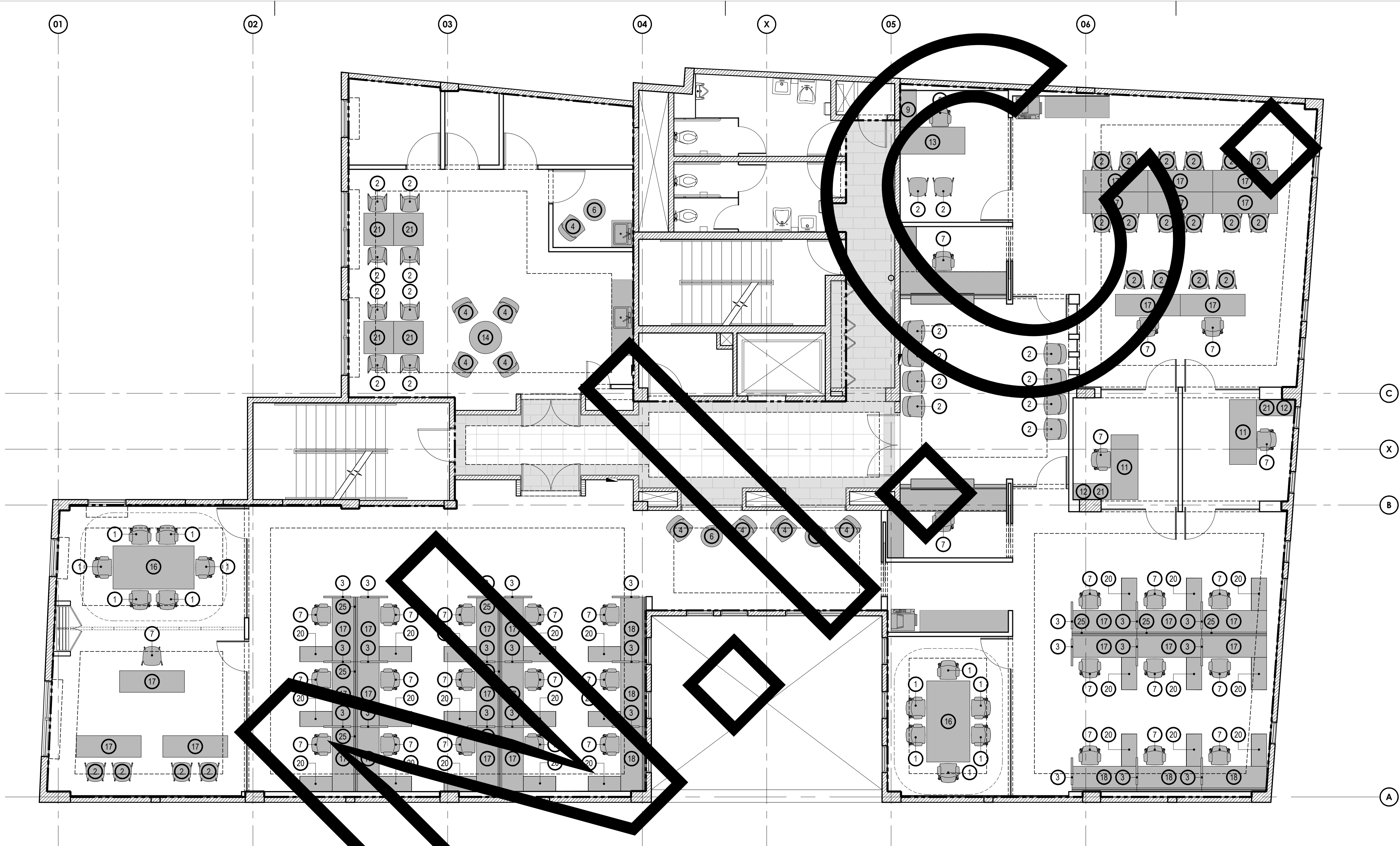


Revisions:
No. Date & Description

Project Name:
P3 HEADQUARTERS

ROBERTO SANCHEZ VILELLA GOV. CTR.
300 DE DIEVO AVE., SAN JUAN, PR 00911
Client: PUERTO RICO
Project No.: P3-002-1
Drawing Title: PARTNERSHIPS
P3
PROPOSED REFLECTED
CEILING PLAN

SET ISSUE DATE
► 2022.02.25 ◀
ISSUE FOR BID
OGPe OFFICE - 3RD FLOOR
Sheet:
A102

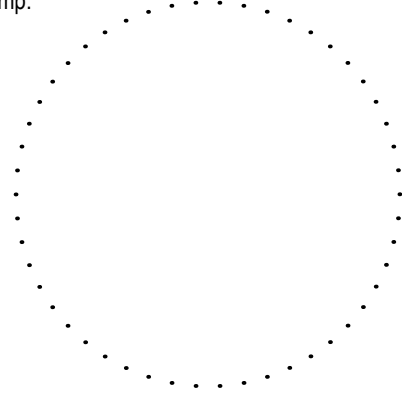


PROPOSED FURNITURE DISTRIBUTION PLAN
SCALE: 3/16"=1'-0"

- NOTES:**
- 1. CONTRACTOR SHALL SUBMIT COLOR AND TEXTURE SAMPLES FOR ARCHITECT'S APPROVAL.
 - 2. ALL EQUIPMENT SUBSTITUTIONS SHALL BE EQUAL OR SIMILAR TO THE SPECIFIED PRODUCTS.
 - 3. ALL ADHESIVES, PAINT, OR SEALANTS MUST BE NON-TOXIC, SOLVENT FREE AND WITH LOW VOLATILE ORGANIC COMPOUNDS (LOW VOC).
 - 4. PROVIDE BOUNDARY SCREENS OR APPROVED EQUAL WHEN TWO ADJACENT WORKSTATIONS ARE TOGETHER.
 - 5. CONTRACTOR SHALL VERIFY DIMENSIONS ON THE FIELD AND SUBMIT FURNITURE LAYOUT FOR ARCHITECT'S APPROVAL.
 - 6. ALL DATA AND POWER OUTLETS AND PROVISIONS SERVING WORKSTATIONS AND SIMILAR OFFICE FURNITURE ITEMS SHALL BE COORDINATED WITH CHOSEN FURNITURE SUPPLIER/DISTRIBUTOR AS PER PRODUCT'S MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS, AS THEY MAY DIFFER FROM WHAT IS INDICATED ON THESE PLANS.

FURNITURE LIST			
ITEM		DESCRIPTION	
1	CONFERENCE ROOM CHAIR	15	RESERVED
2	GUEST CHAIR	16	CONFERENCE ROOM TABLE
3	LATERAL BOUNDARY SCREEN	17	WORKSTATION
4	LOUNGE SEATING	18	WORKSTATION (AGAINST WALL)
5	RESERVED	19	RESERVED
6	SIDE TABLE	20	FILE CABINET
7	WORKSTATION TASK CHAIR	21	FILE CABINET
8	EXECUTIVE OFFICE TASK CHAIR	22	RESERVED
9	CREDENZA	23	RESERVED
10	RESERVED	24	RESERVED
11	OFFICE DESK	25	WORKSTATION BOUNDARY SCREEN
12	OFFICE DESK	26	RESERVED
13	EXECUTIVE OFFICE DESK	27	RESERVED
14	COFFEE TABLE	28	RESERVED

Stamp:



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

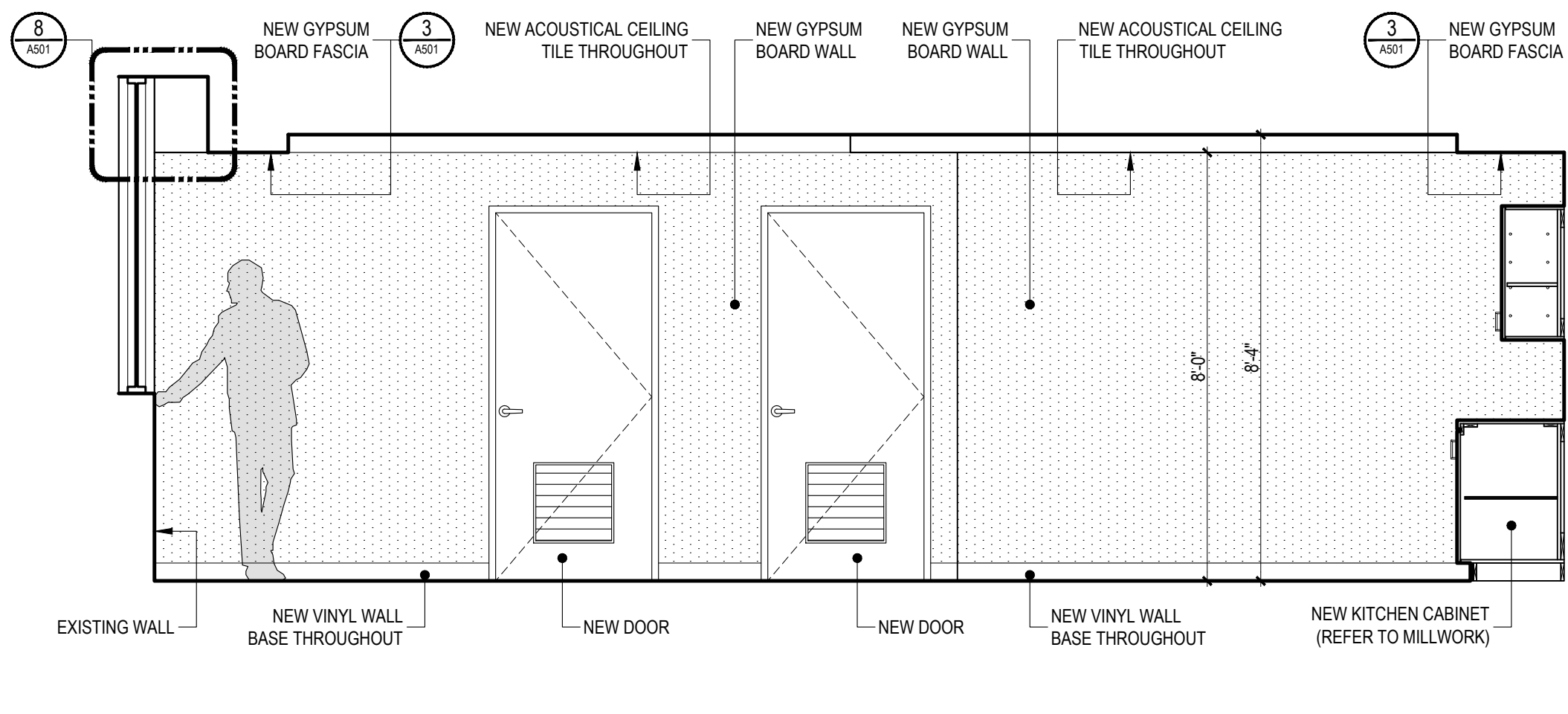
PROPOSED FURNITURE DISTRIBUTION PLAN

SET ISSUE DATE
► 2022.03.18 ◀
CONSTRUCTION DOCUMENTS

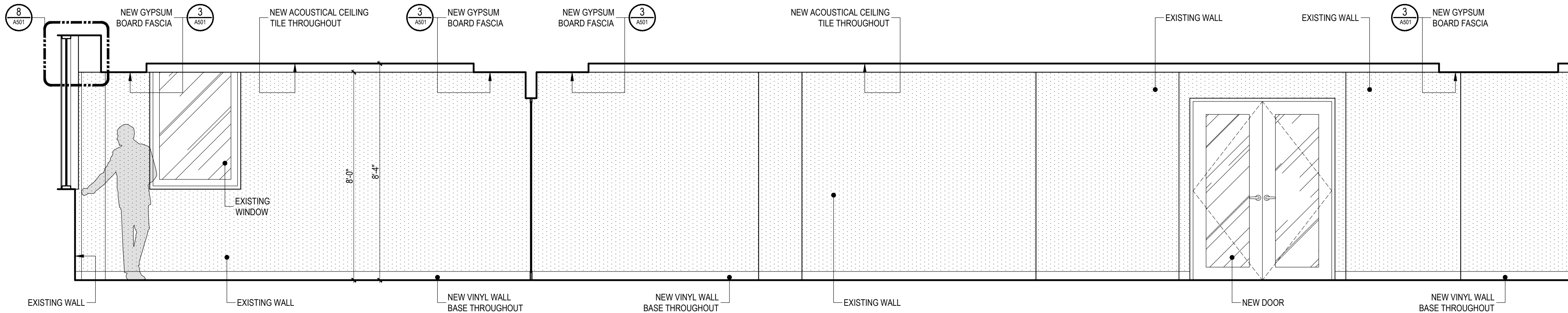
OGPe OFFICE - 3RD FLOOR

Sheet:

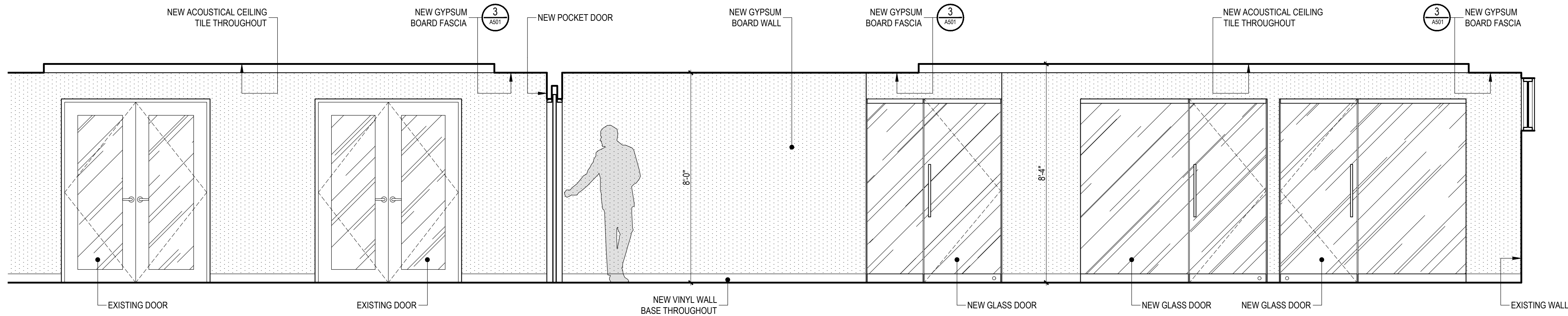
A103



INTERIOR ELEVATION MKD.
SCALE: 3/8"=1'-0"



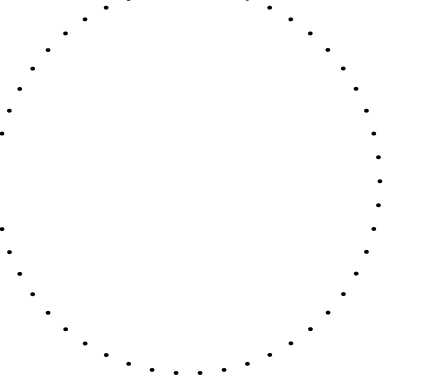
INTERIOR ELEVATION MKD.
SCALE: 3/8"=1'-0"



INTERIOR ELEVATION MKD.
SCALE: 3/8"=1'-0"



Stamp:



Revisions:	
No.	Date & Description

Project Name:
DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED INTERIOR ELEVATIONS

SET ISSUE DATE

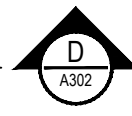
2022.03.18

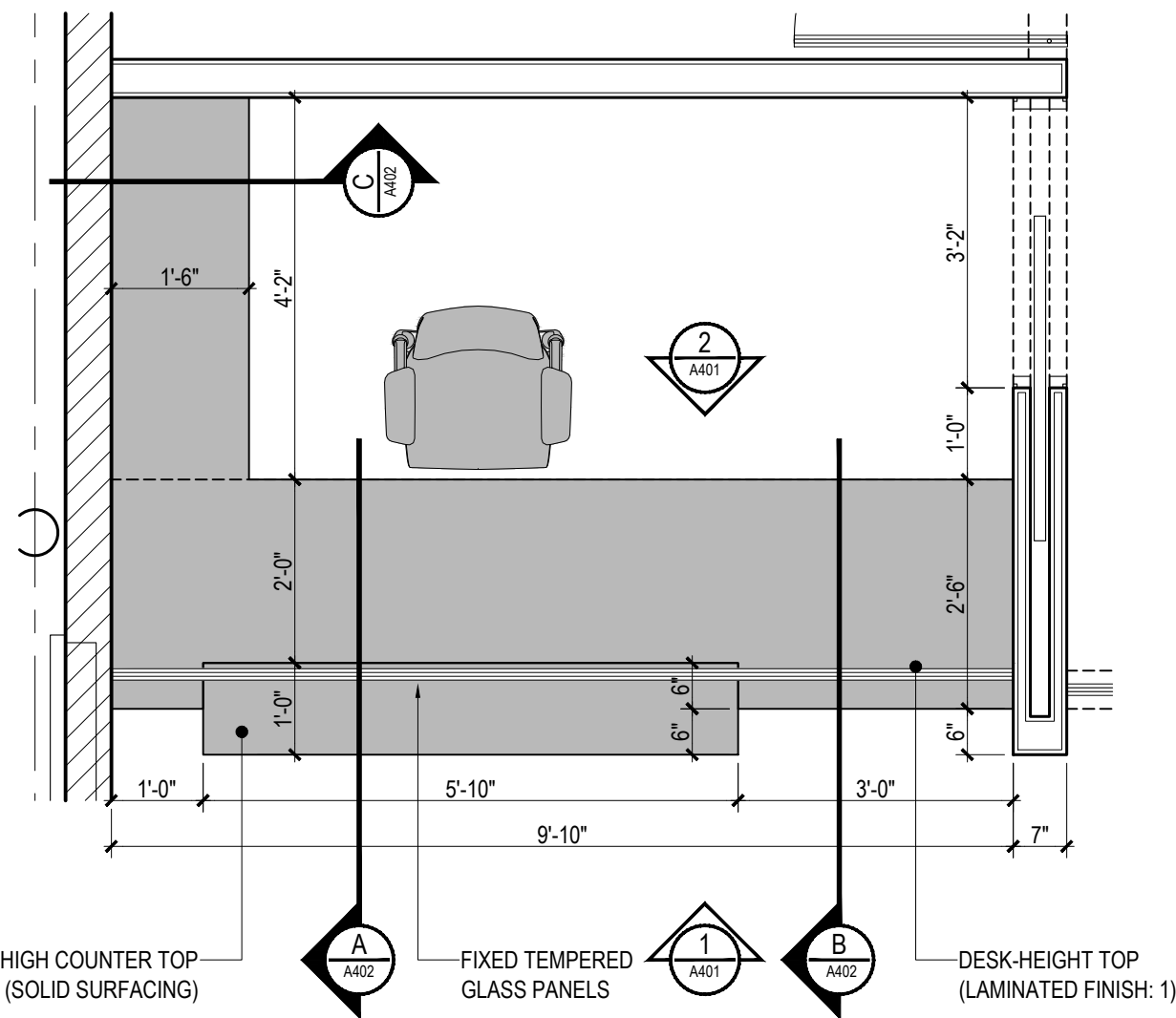
CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

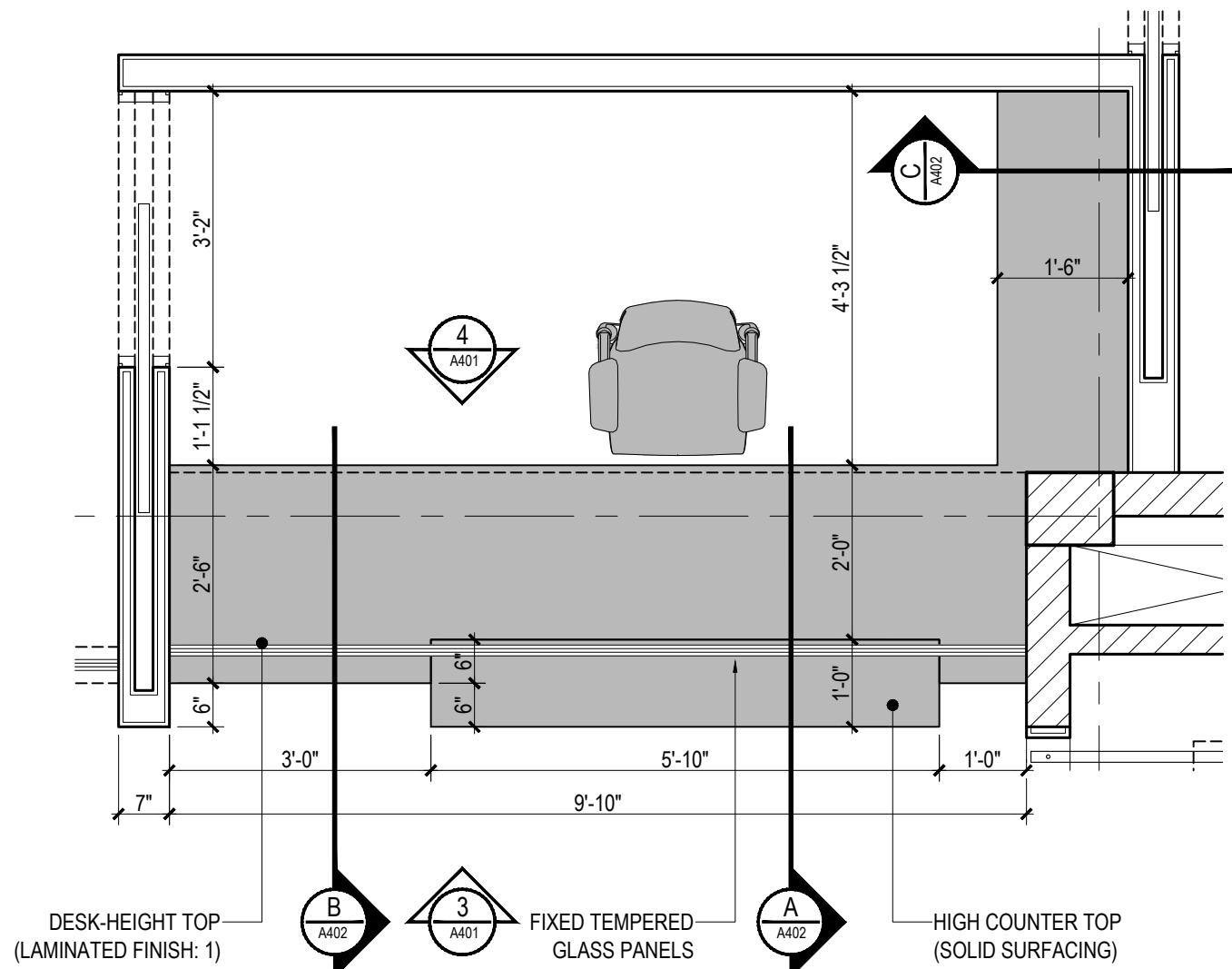
Sheet:

A301

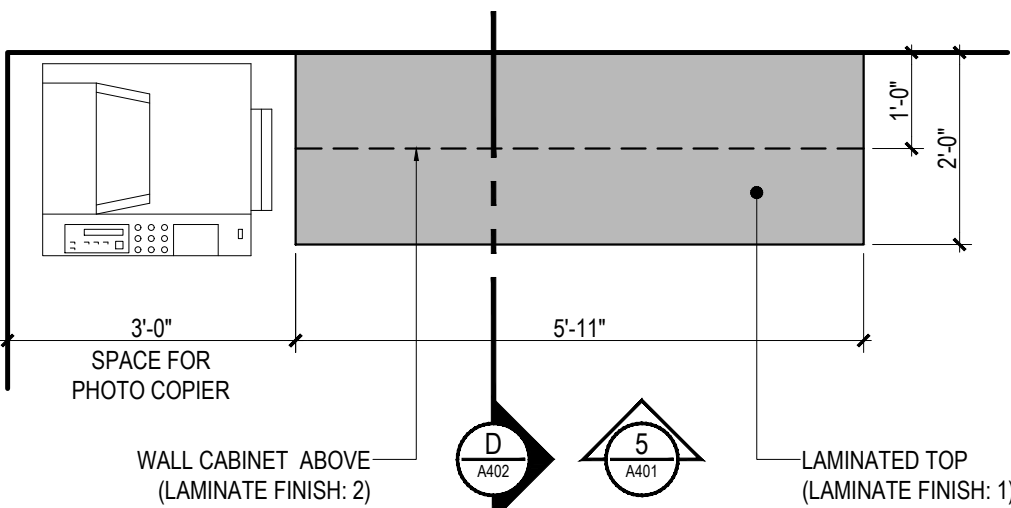




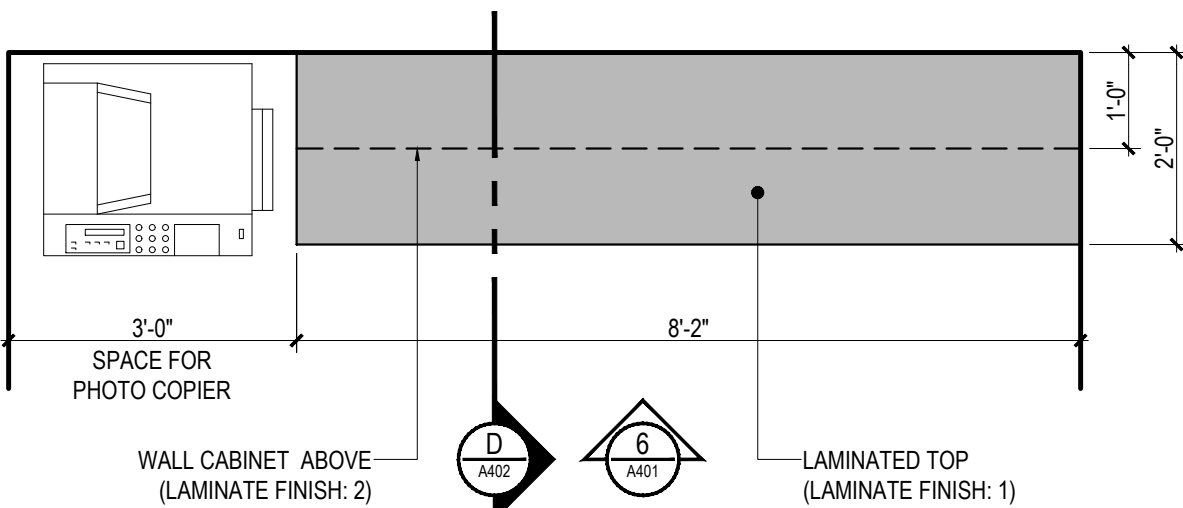
RECEPTIONIST DESK: PLAN VIEW
SCALE: 1/2"=1'-0"



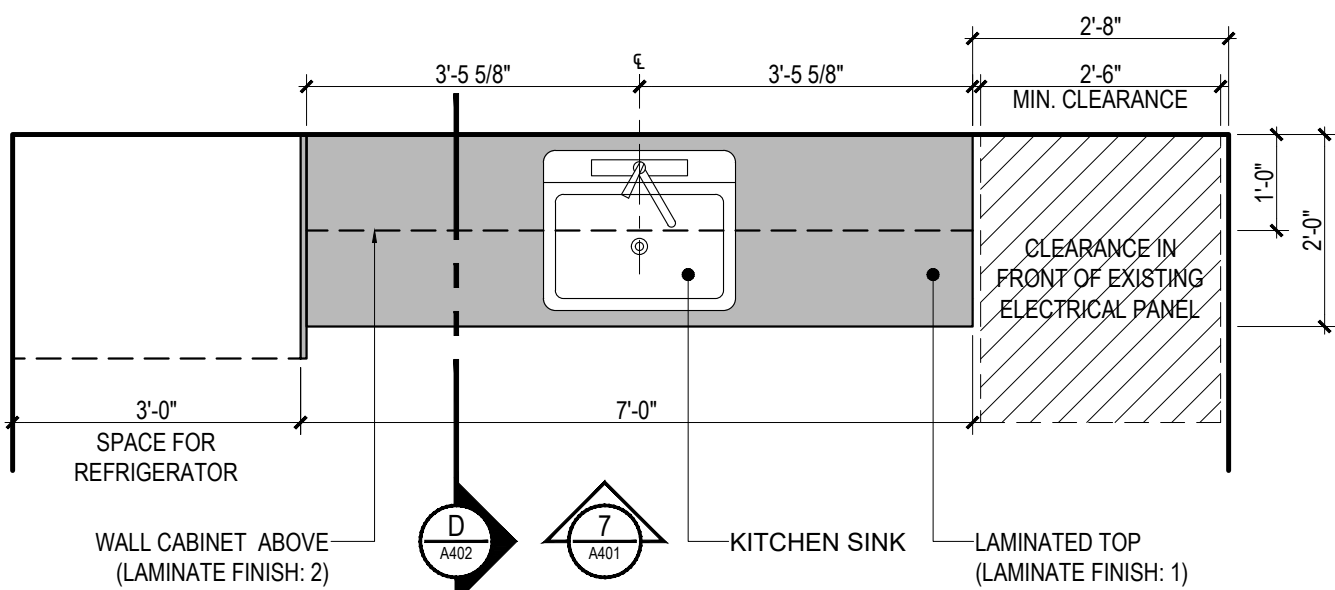
CASHIER'S DESK: PLAN VIEW
SCALE: 1/2"=1'-0"



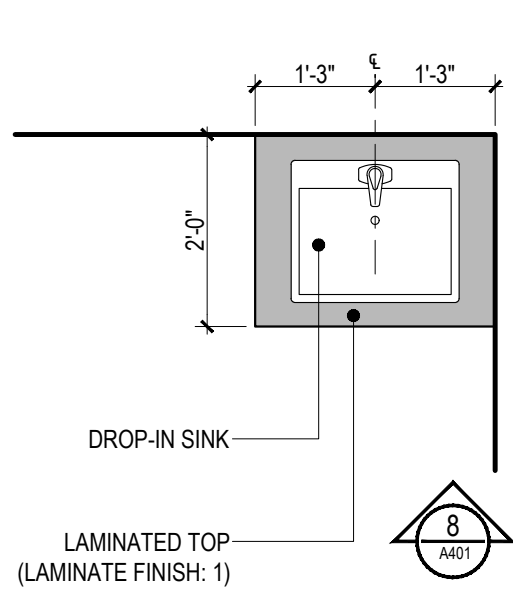
STATIONERY STATION 01: PLAN VIEW
SCALE: 1/2"=1'-0"



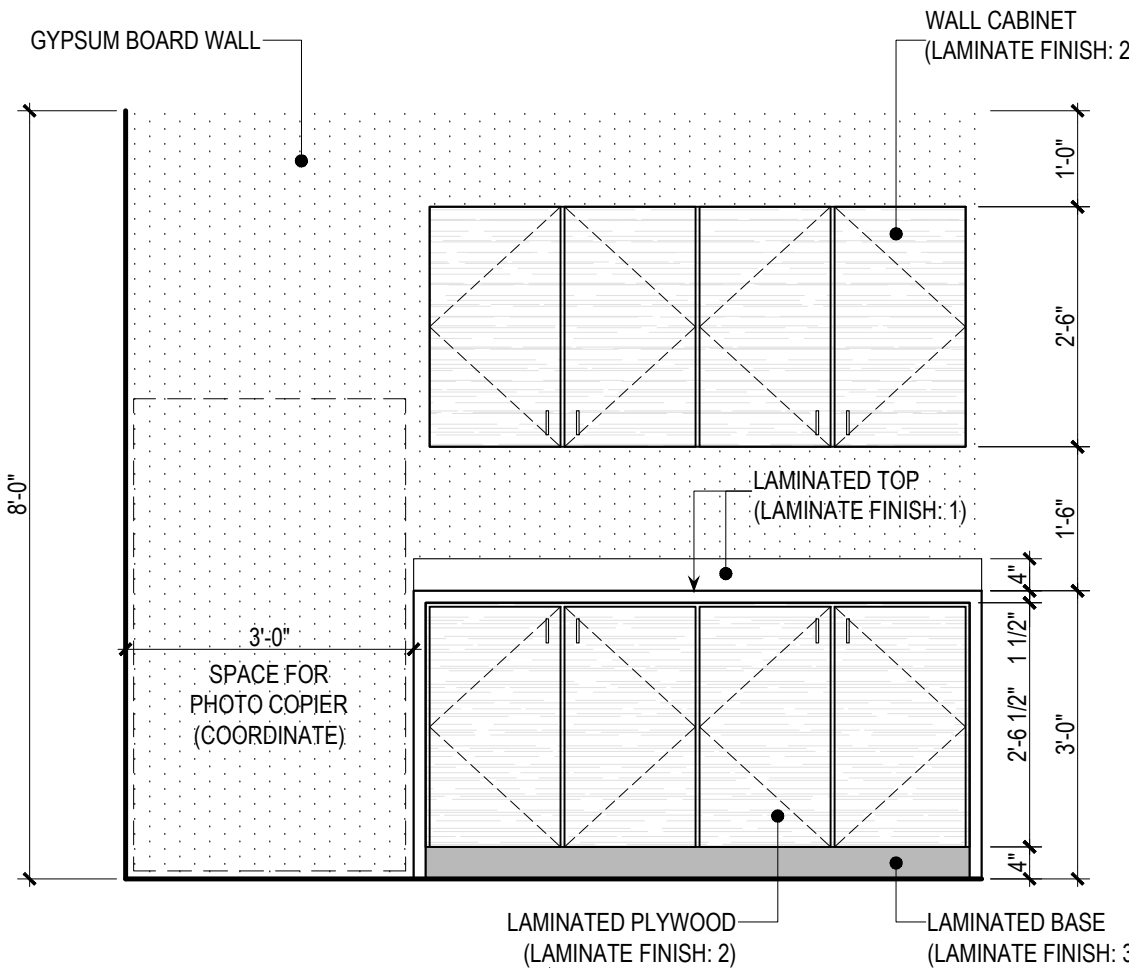
STATIONERY STATION 02: PLAN VIEW
SCALE: 1/2"=1'-0"



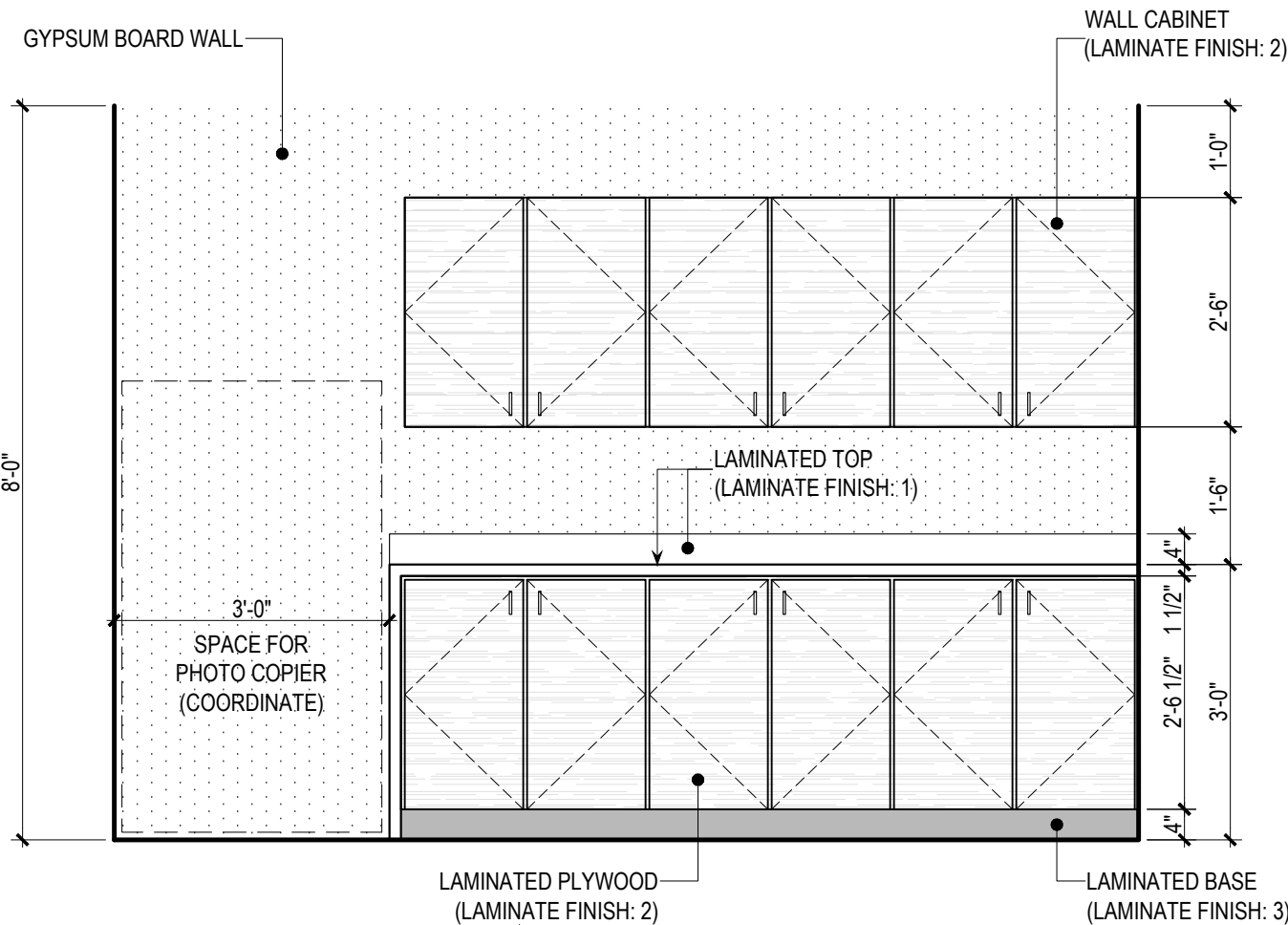
KITCHEN CABINET: PLAN VIEW
SCALE: 1/2"=1'-0"



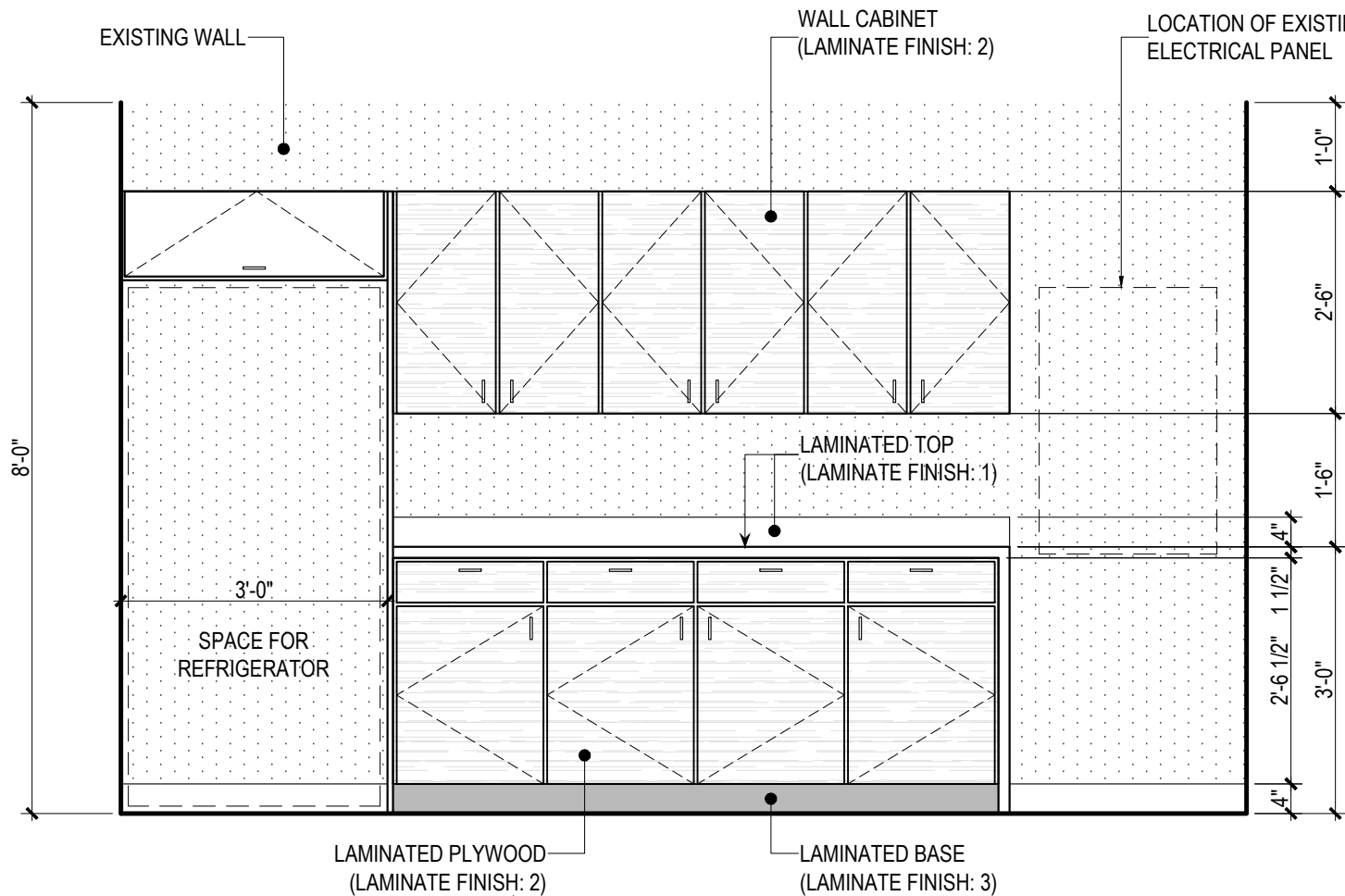
NURSING ROOM CABINET
SCALE: 1/2"=1'-0"



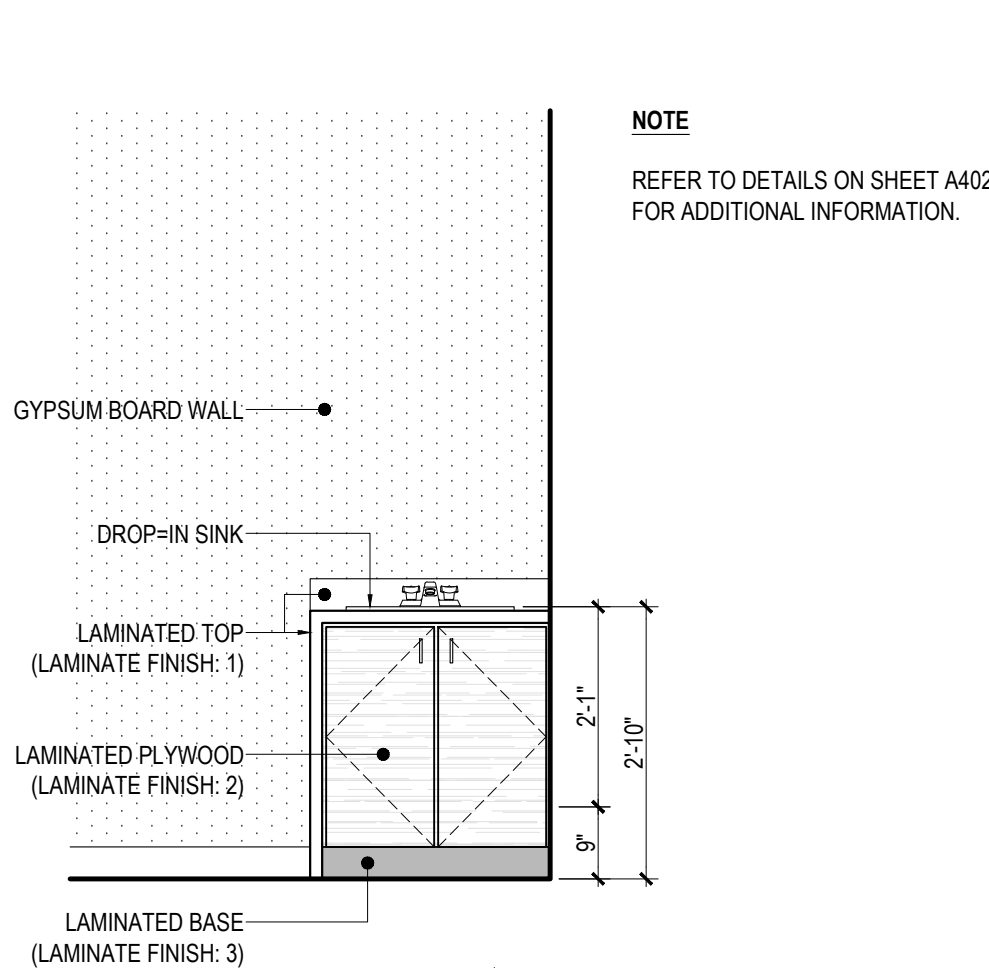
ELEVATION MKD. 5
SCALE: 1/2"=1'-0"



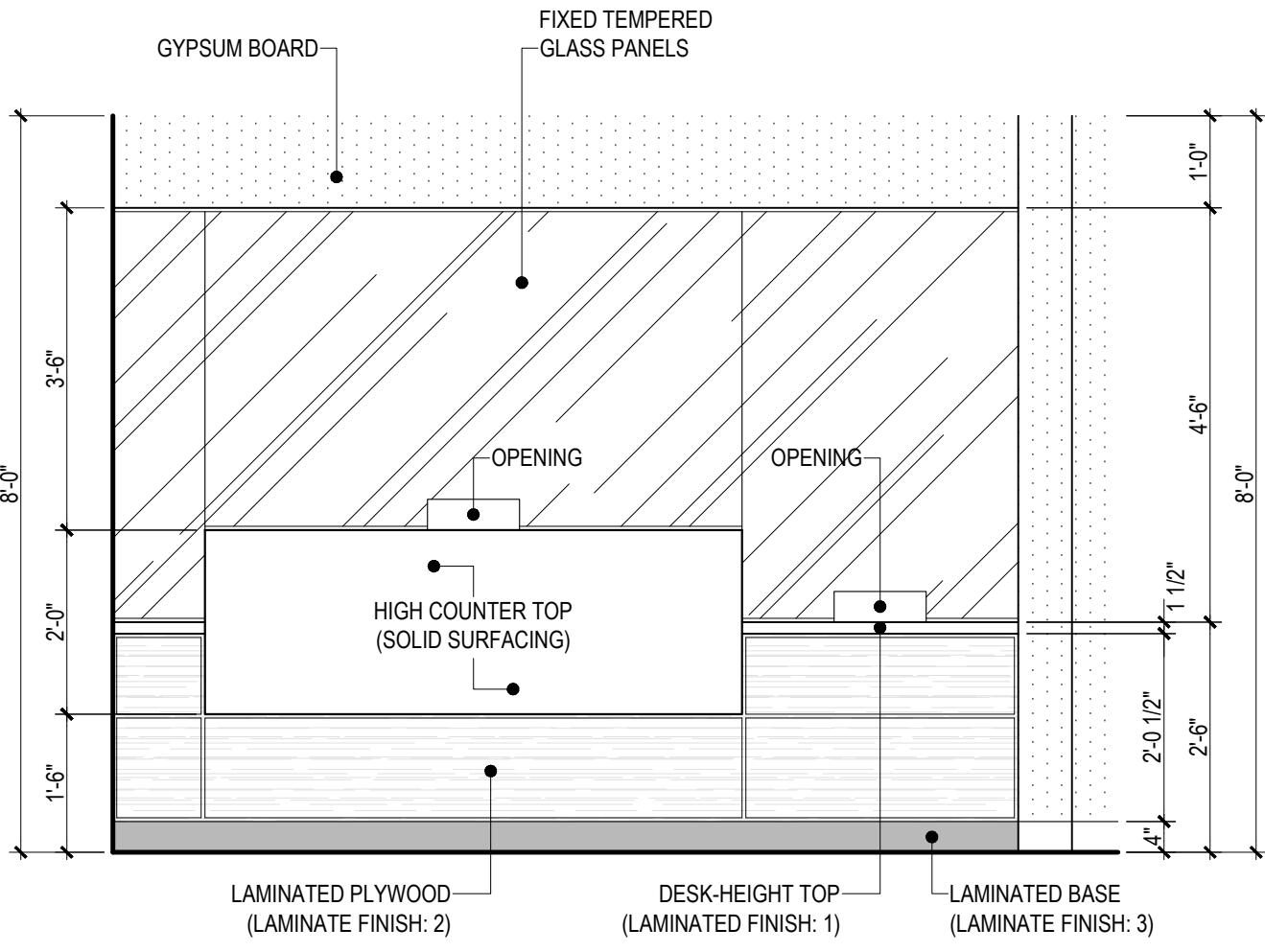
ELEVATION MKD. 6
SCALE: 1/2"=1'-0"



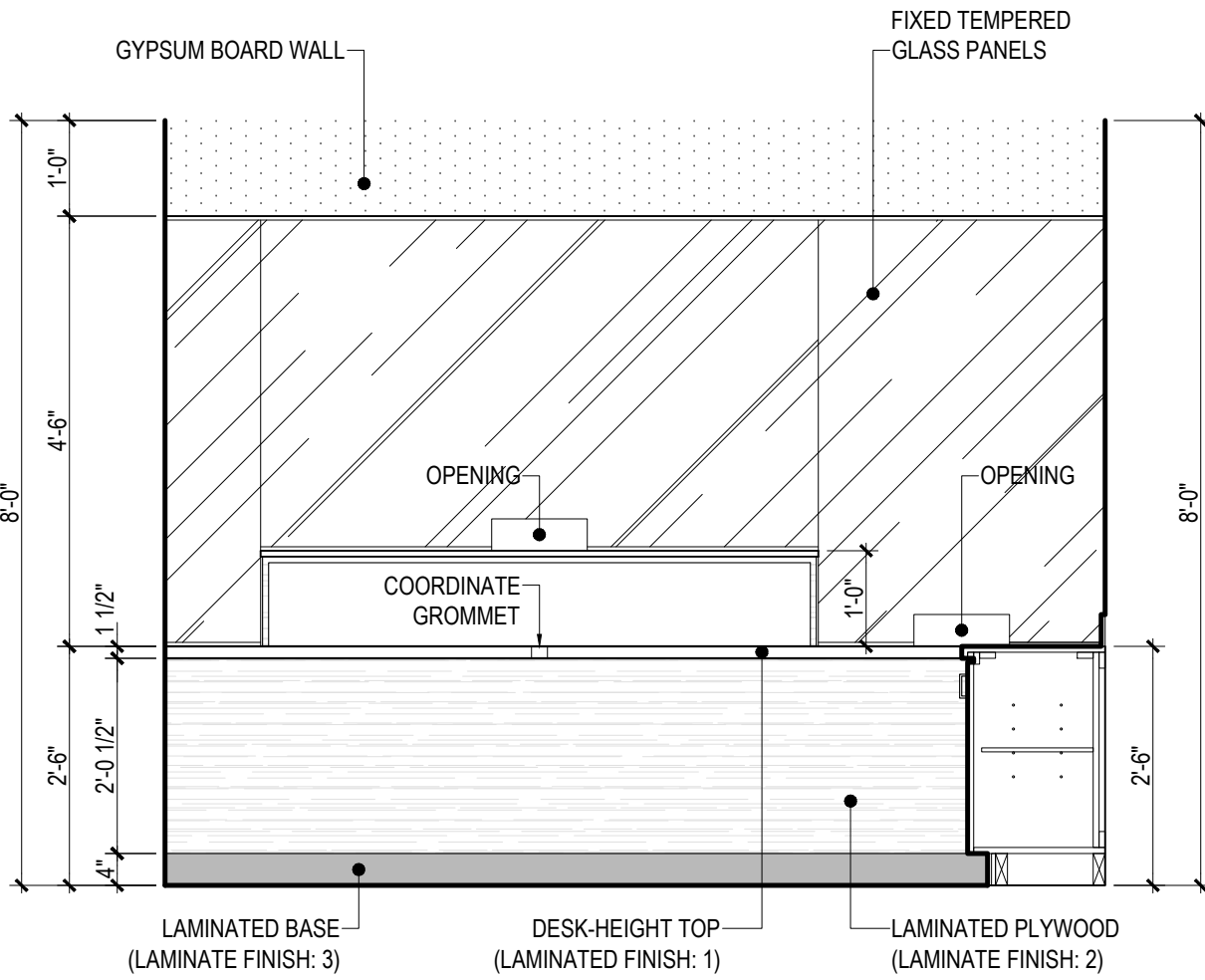
ELEVATION MKD. 7
SCALE: 1/2"=1'-0"



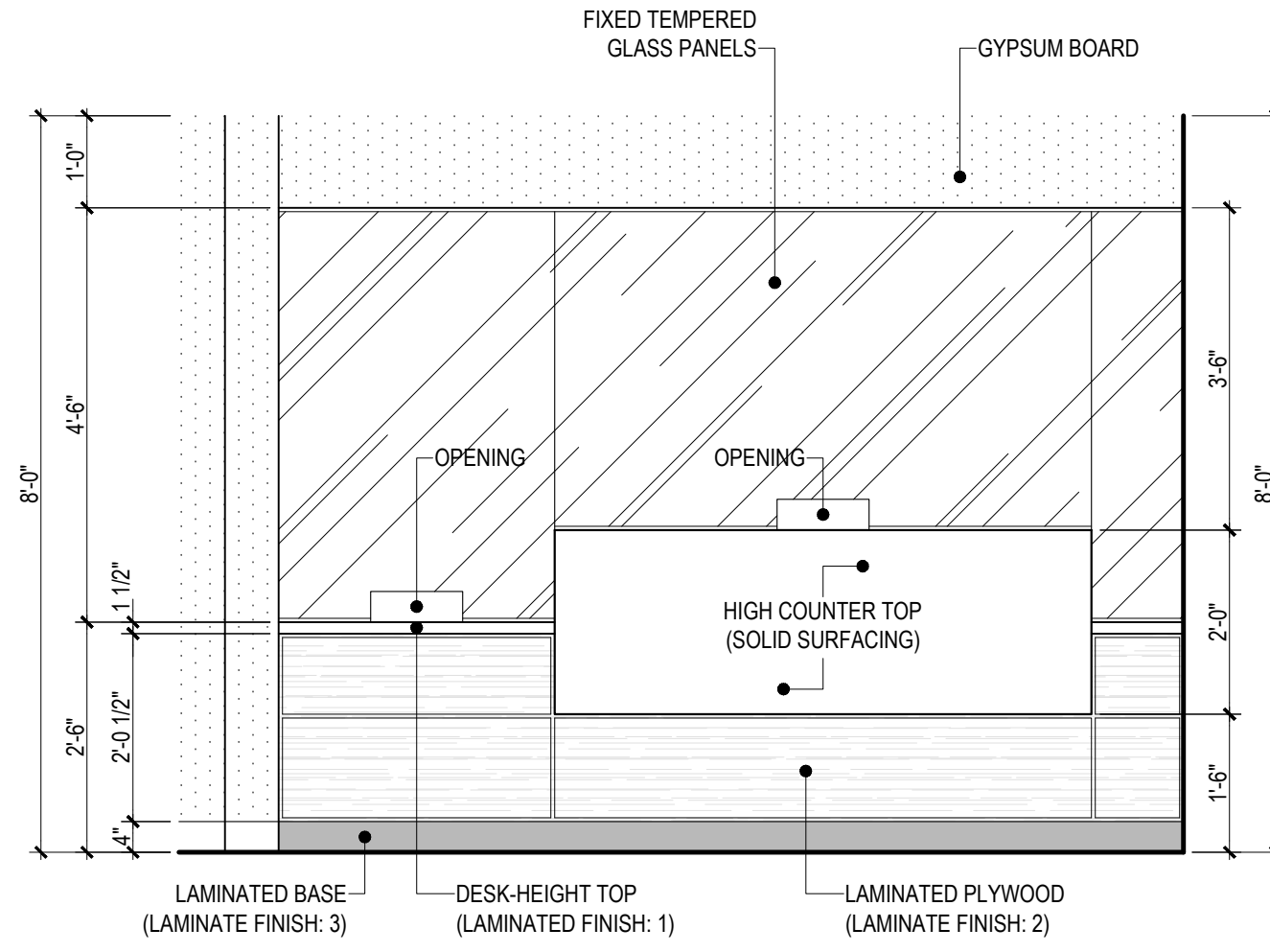
ELEVATION MKD. 8
SCALE: 1/2"=1'-0"



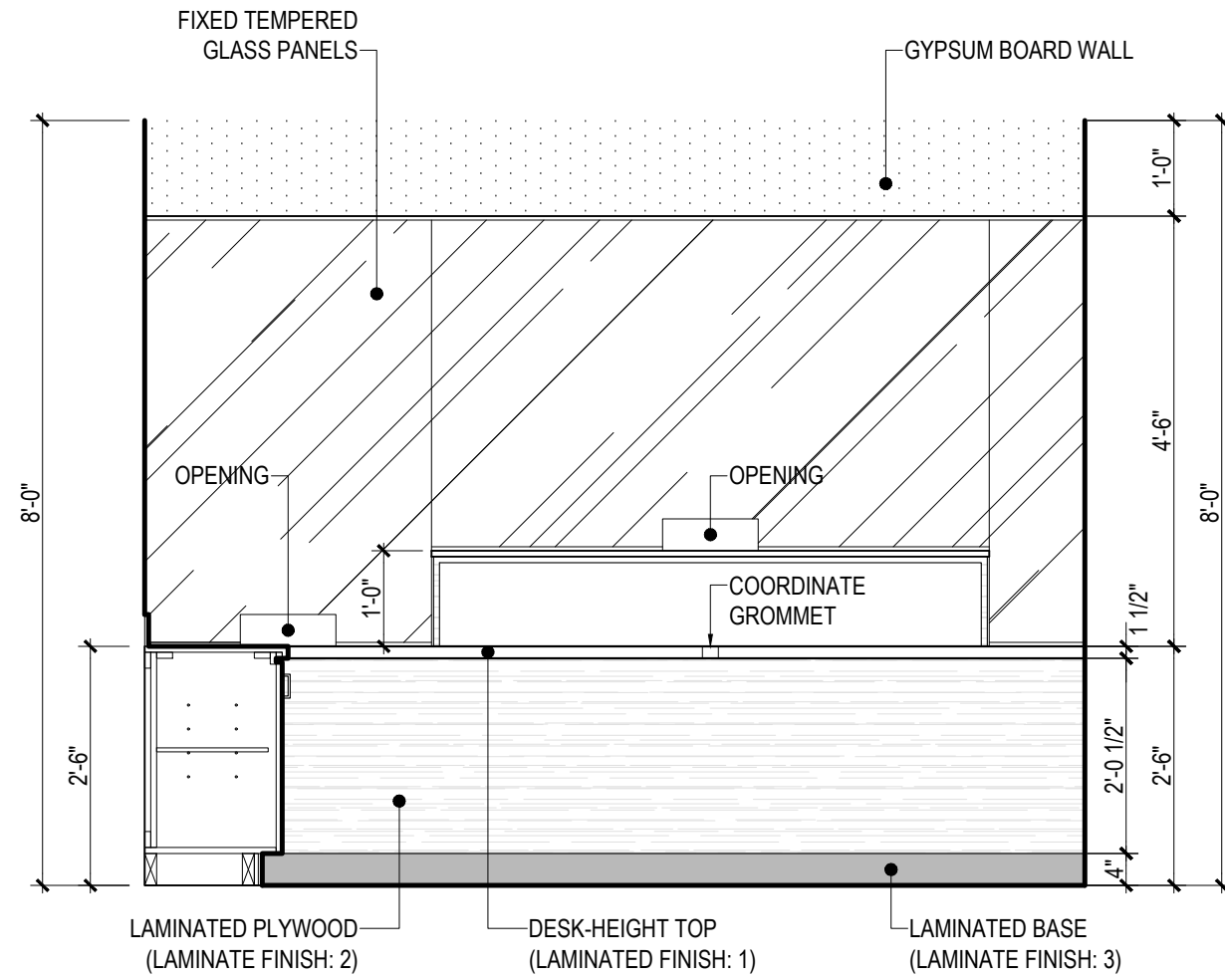
ELEVATION MKD. 1
SCALE: 1/2"=1'-0"



ELEVATION MKD. 3
SCALE: 1/2"=1'-0"



ELEVATION MKD. 2
SCALE: 1/2"=1'-0"



ELEVATION MKD. 4
SCALE: 1/2"=1'-0"

LAMINATED FINISH SCHEDULE:

ITEM	DESCRIPTION
FINISH: 1	LAMINATE 923-58 SURF MATTE FINISH BY FORMICA
FINISH: 2	LAMINATE 8842-WR WEATHERED ASH WOODBRUSH BY FORMICA
FINISH: 3	LAMINATED 912-58 STORM MATTE FINISH BY FORMICA
FINISH: 4	SOLID SURFACING DESIGNER WHITE D354SL BY WILSONART

MILLWORK HARDWARE SET (BASIS OF DESIGN) LEGEND

HANDLES & PULLS

- HANDLES & PULLS TO BE EQUAL OR SIMILAR TO HAFELE 128mm CTC STAINLESS STEEL HANDLE WITH MATT FINISH

HINGES

- CABINET DOOR HINGES TO BE EQUAL OR SIMILAR TO HAFELE 110° CONCEALED STEEL HINGE

DRAWER SLIDES

- DRAWER SLIDES TO BE EQUAL OR SIMILAR TO HAFELE MATRIX RUNNER BB445; BALL BEARING, FULL EXTENSION STEEL SLIDE WITH LOAD CAPACITY OF 100 LBS.

MILLWORK & HARDWARE NOTES

- PLYWOOD PANELS TO BE LAMINATED ON ALL EXPOSED OR VISIBLE SIDES
- PLASTIC LAMINATE TO BE SELECTED BY ARCHITECT. THE CONTRACTOR SHALL SUBMIT SAMPLES FOR APPROVAL
- ALL HARDWARE TO BE EQUAL OR SIMILAR TO BASIS OF DESIGN IN ORDER TO BE APPROVED.
- CONTRACTOR SHALL SUBMIT HARDWARE SAMPLES FOR APPROVAL.

EQUIPMENT

KITCHEN SINK

DROP-IN KITCHEN SINK, MODEL: HD335692 BY ELKAY, W/ DAYTON-D1125 DRAIN AND PULL-OUT FAUCET, MODEL: 40-445-W BY GERBER

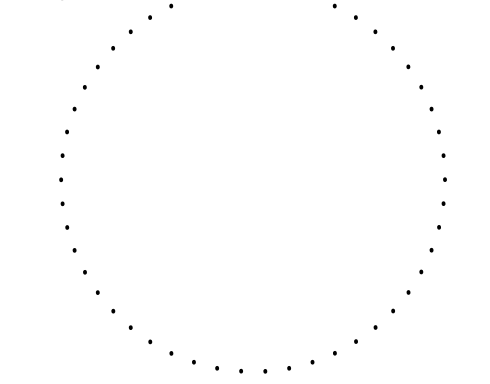
NURSING ROOM SINK

DROP-IN SINK, MODEL: STUDIO, AND FAUCET, MODEL: MONTERREY BY AMERICAN STANDARD

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION, OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ, DISEÑO, CERTIFICADO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTENDIENDO QUE ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN, CERTIFICO, ADICIONALMENTE, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DE 8 DE JULIO DE 1978, SEGÚN ENMIENDADA, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGP.

Stamp:



Revisions:
No. Date & Description

Project Name:
DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

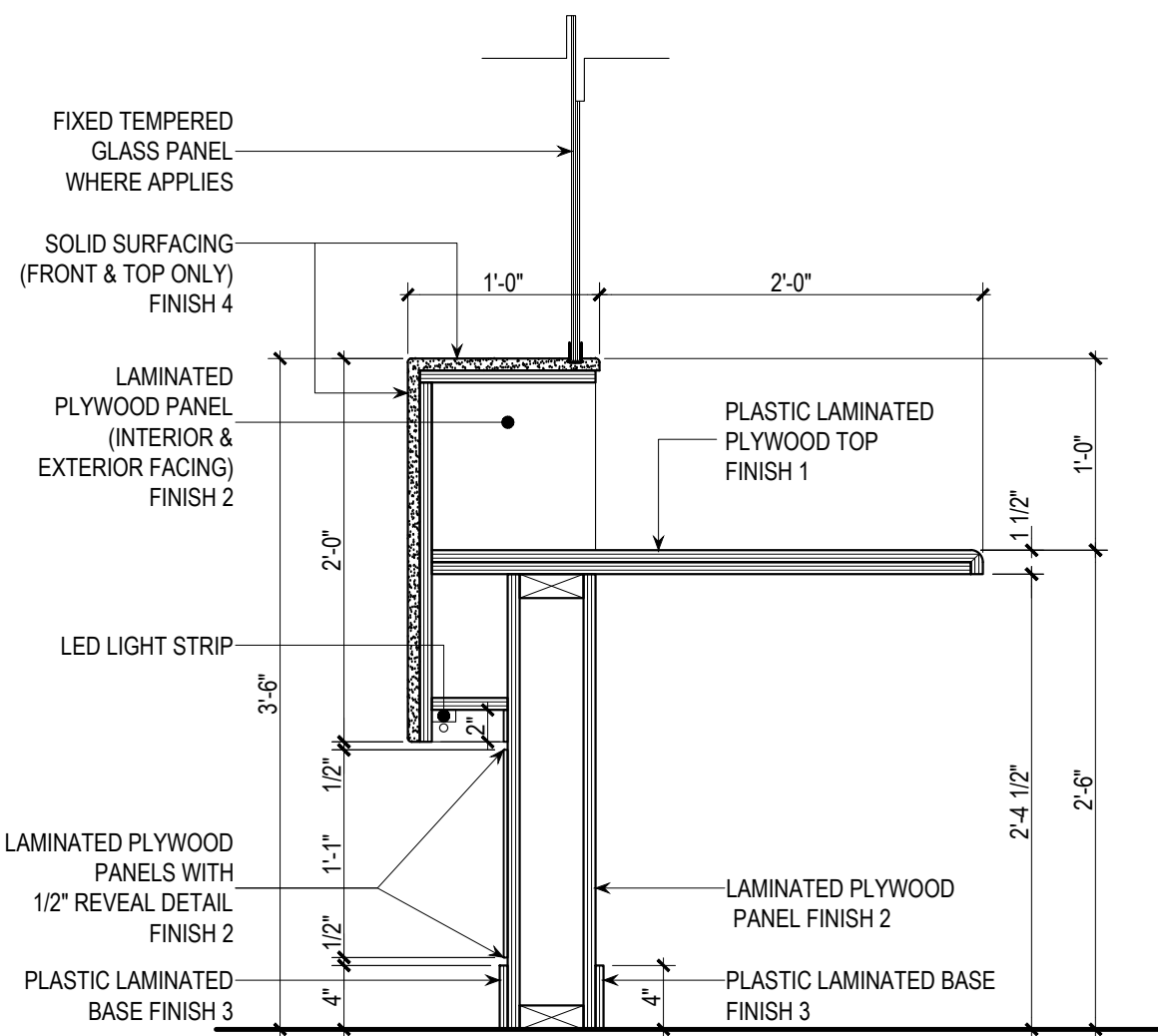
MILLWORK

SET ISSUE DATE
► 2022.03.18 ◀
CONSTRUCTION DOCUMENTS

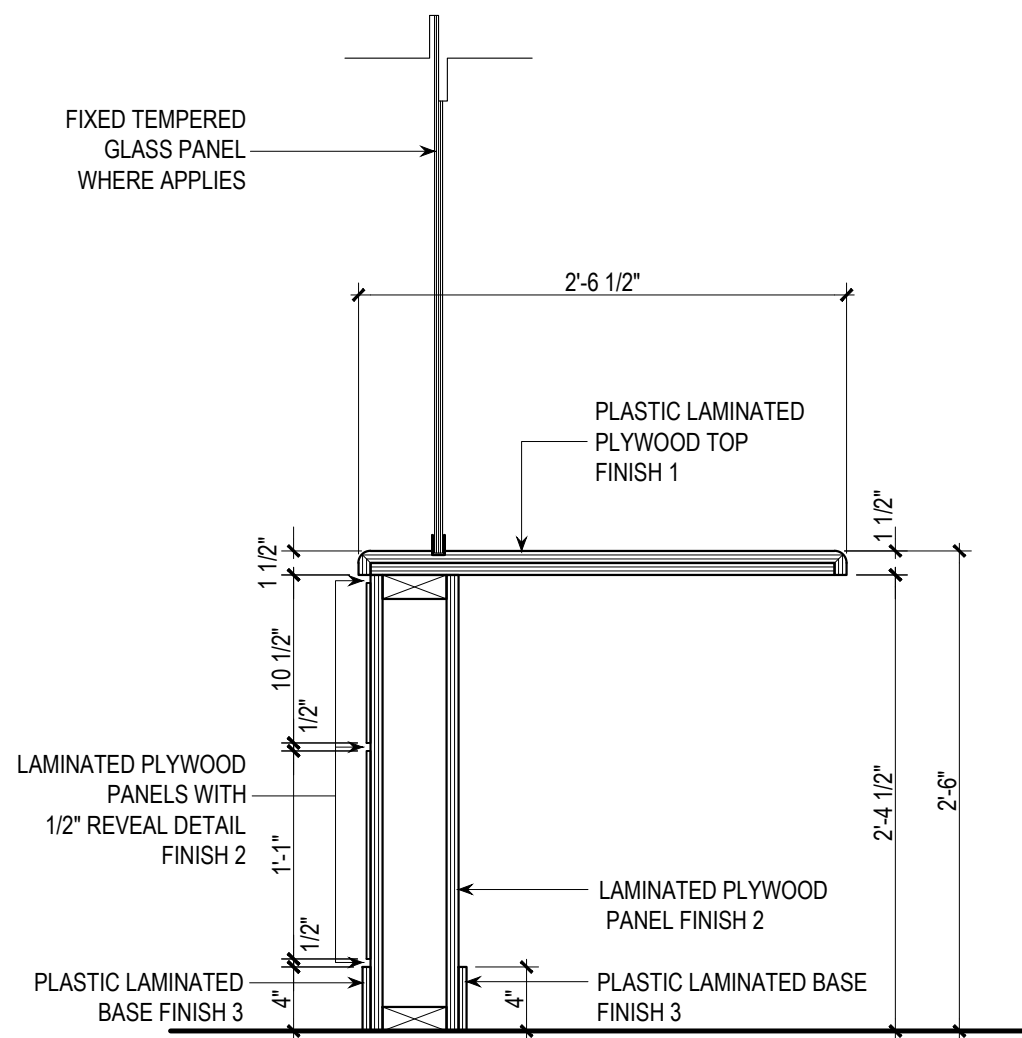
OGPe OFFICE - 3RD FLOOR

Sheet:

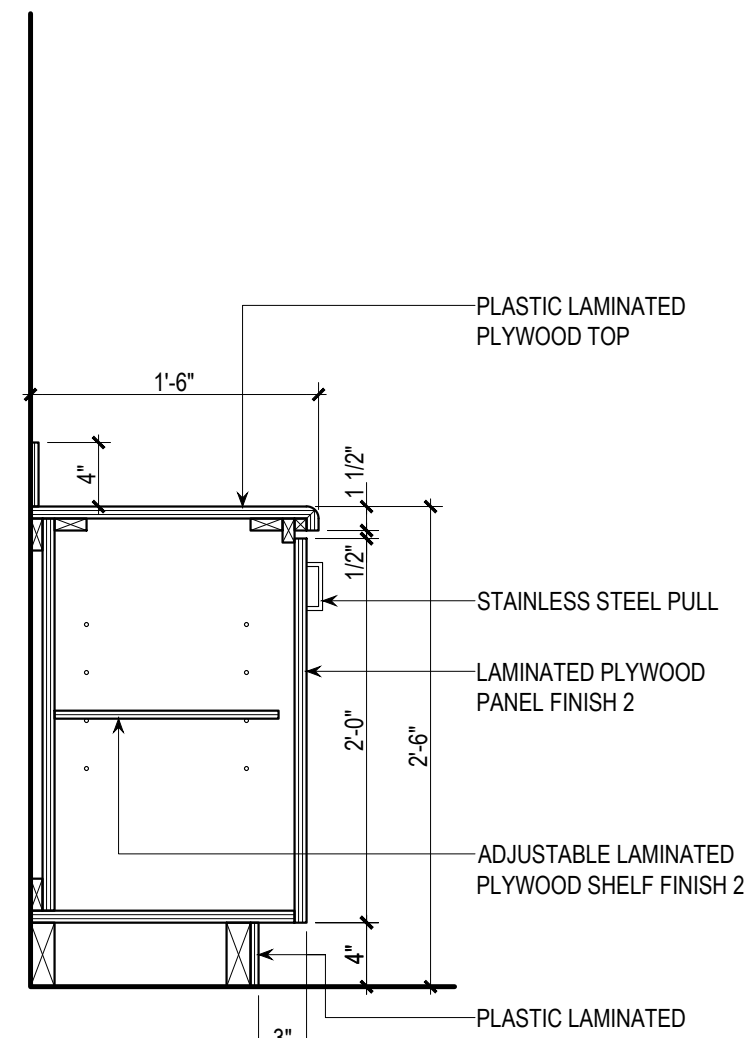
A401



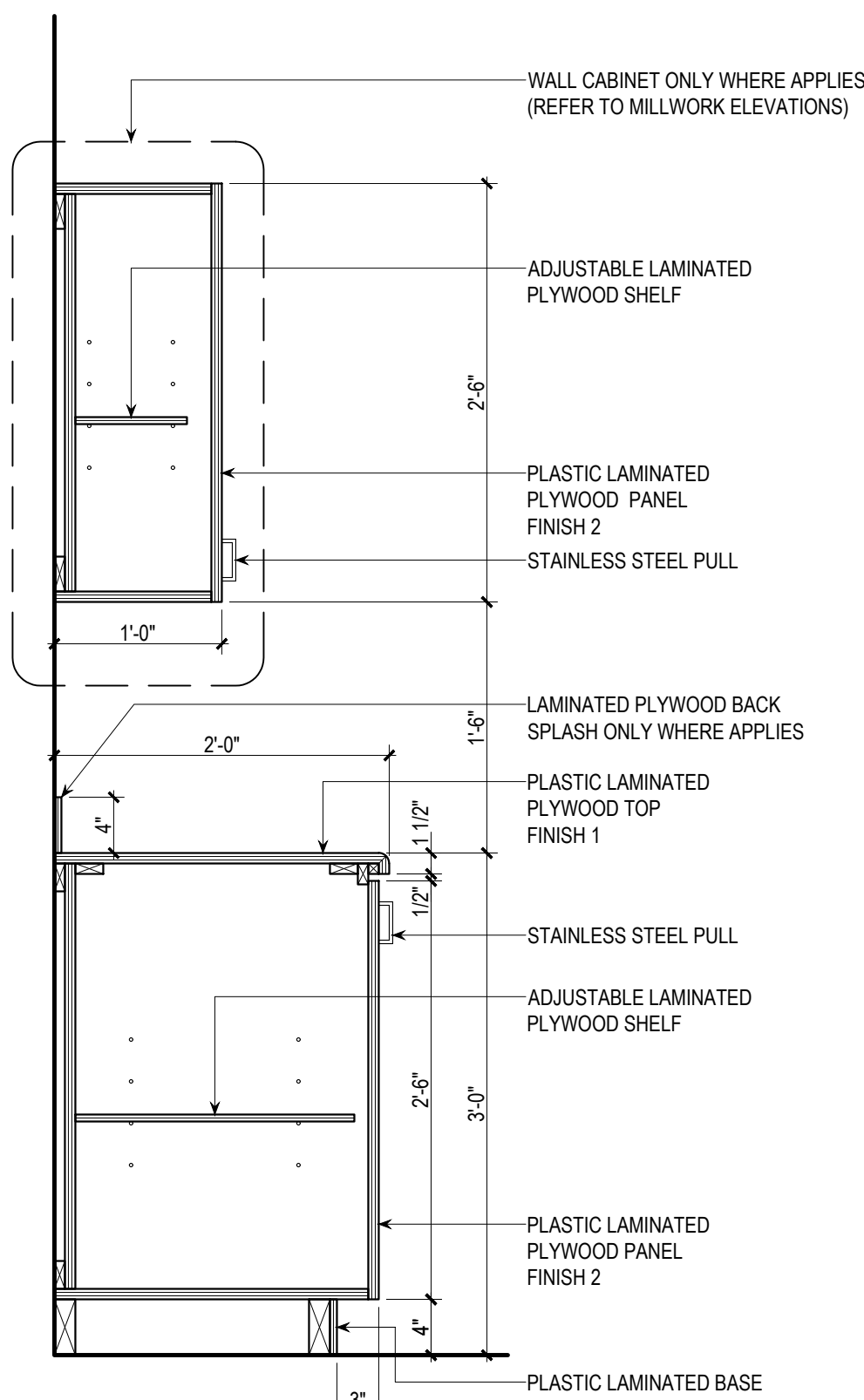
SECTION MKD. A
SCALE: 1"=1'-0"



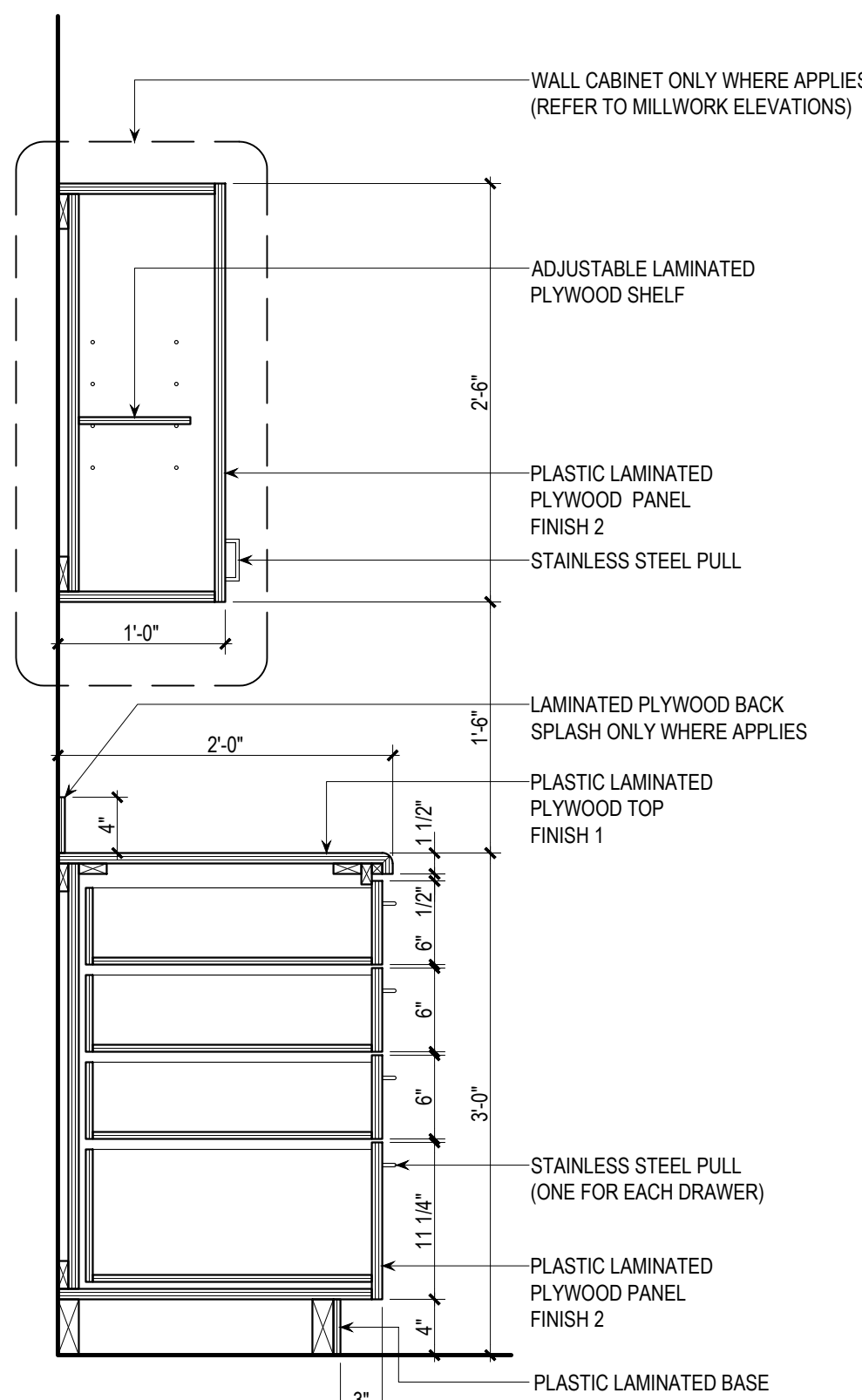
SECTION MKD. B
SCALE: 1"=1'-0"



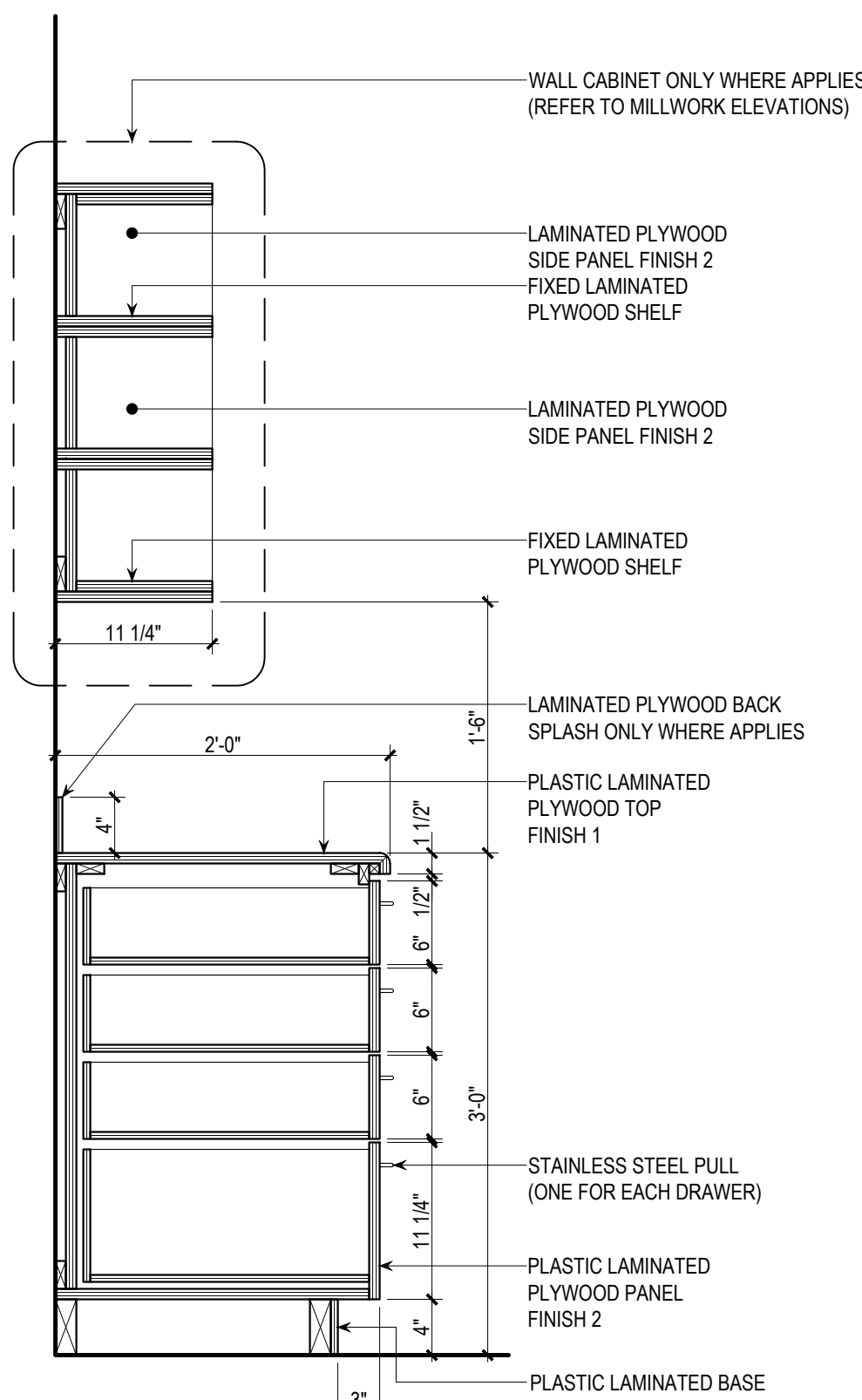
SECTION MKD. C
SCALE: 1"=1'-0"



SECTION MKD. D
SCALE: 1"=1'-0"



SECTION MKD. E
SCALE: 1"=1'-0"

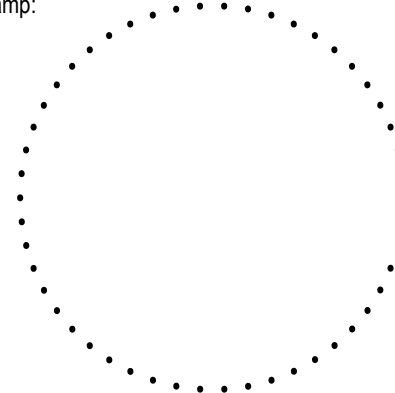


SECTION MKD. F
SCALE: 1"=1'-0"

LAMINATED FINISH SCHEDULE:

ITEM	DESCRIPTION
FINISH: 1	LAMINATE 923-58 SURF MATTE FINISH BY FORMICA
FINISH: 2	LAMINATE 8842-WR WEATHERED ASH WOODBRUSH BY FORMICA
FINISH: 3	LAMINATED 912-58 STORM MATTE FINISH BY FORMICA
FINISH: 4	SOLID SURFACING DESIGNER WHITE D354SL BY WILSONART

Stamp:



Revisions:
No. Date & Description

Project Name:
DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

MILLWORK

SET ISSUE DATE

2022.03.18

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

A402

"SUSPENDED CEILING FIXED" CONNECTION DETAIL SCALE: 1-1/2"=1'-0"		"FREE" CONNECTION - WITH STRUT STABILIZER DETAIL SCALE: 1-1/2"=1'-0"		CEILING TRANSITION - GYPSUM BOARD FASCIA DETAIL SCALE: 3/4"=1'-0"		LATERAL BRACING ASSEMBLY DETAIL N.T.S.	
INTERSECTION DETAIL SCALE: 3"=1'-0"				CORNER DETAIL SCALE: 3"=1'-0"		END DETAIL SCALE: 3"=1'-0"	
				ATTACHMENT TO FLOOR SLAB DETAIL SCALE: 3"=1'-0"			
TYPICAL PARTITIONS DETAILS SCALE: 1-1/2"=1'-0"							
TYP. NON-RATED PARTITION SCALE: 1-1/2"=1'-0"				DETAIL MKD. SCALE: 1-1/2"=1'-0"			
				DETAIL MKD. SCALE: 1-1/2"=1'-0"			

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION, OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DETEL, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDI QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PUBLICAS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1998, SEGUN ENMENDADA; LEY NUM. 96 DE 8 DE JULIO DE 1978, SEGUN ENMENDADA, RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO 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 OGP.

Stamp:

Revisions:
No. Date & Description

Project Name:
DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

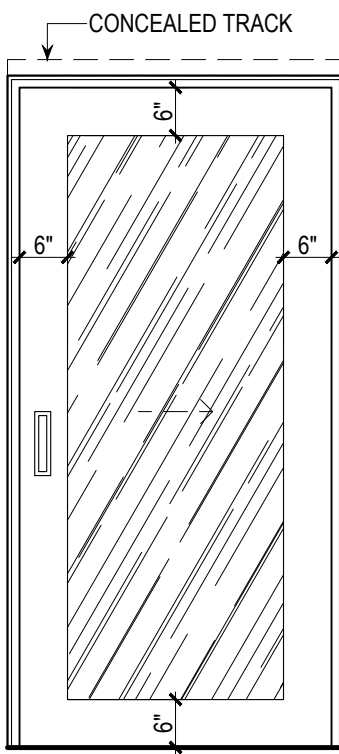
Client: DDEC

Project No.: 58-2036.0

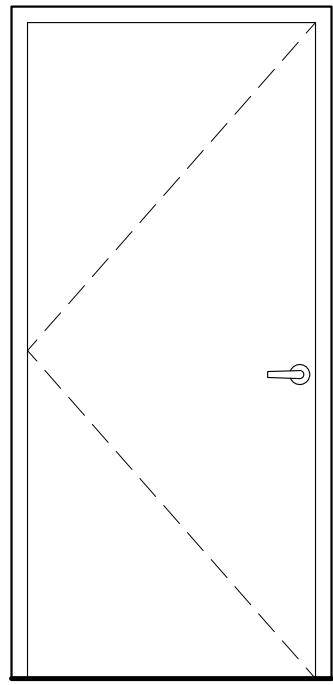
Drawing Title:
ARCHITECTURAL DETAILS

SET ISSUE DATE
► 2022.03.18 ◀
CONSTRUCTION DOCUMENTS

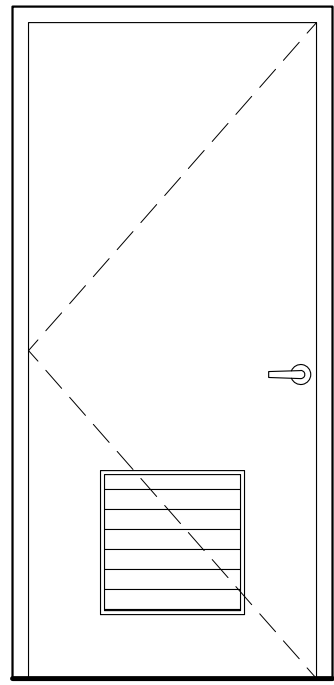
OGPe OFFICE - 3RD FLOOR



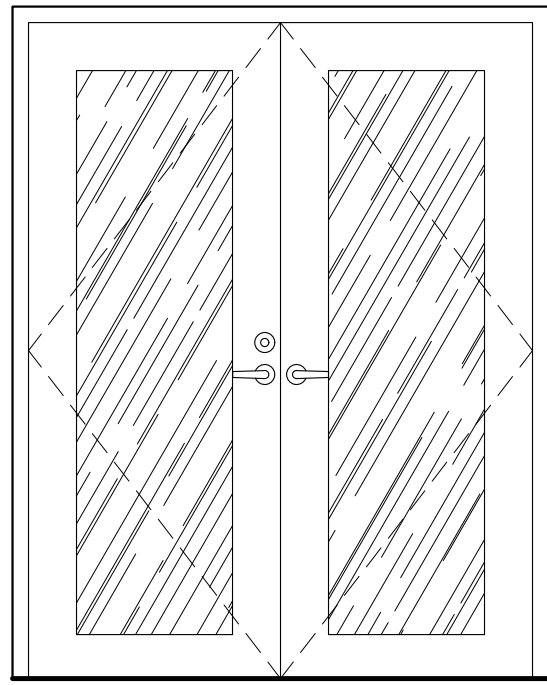
DOOR TYPE I
POCKET DOOR
WITH VIEW PANEL



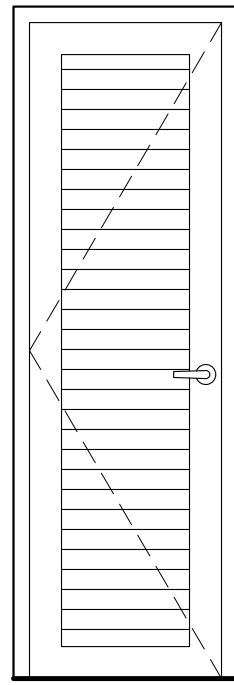
DOOR TYPE II
SINGLE SWING
WOOD DOOR



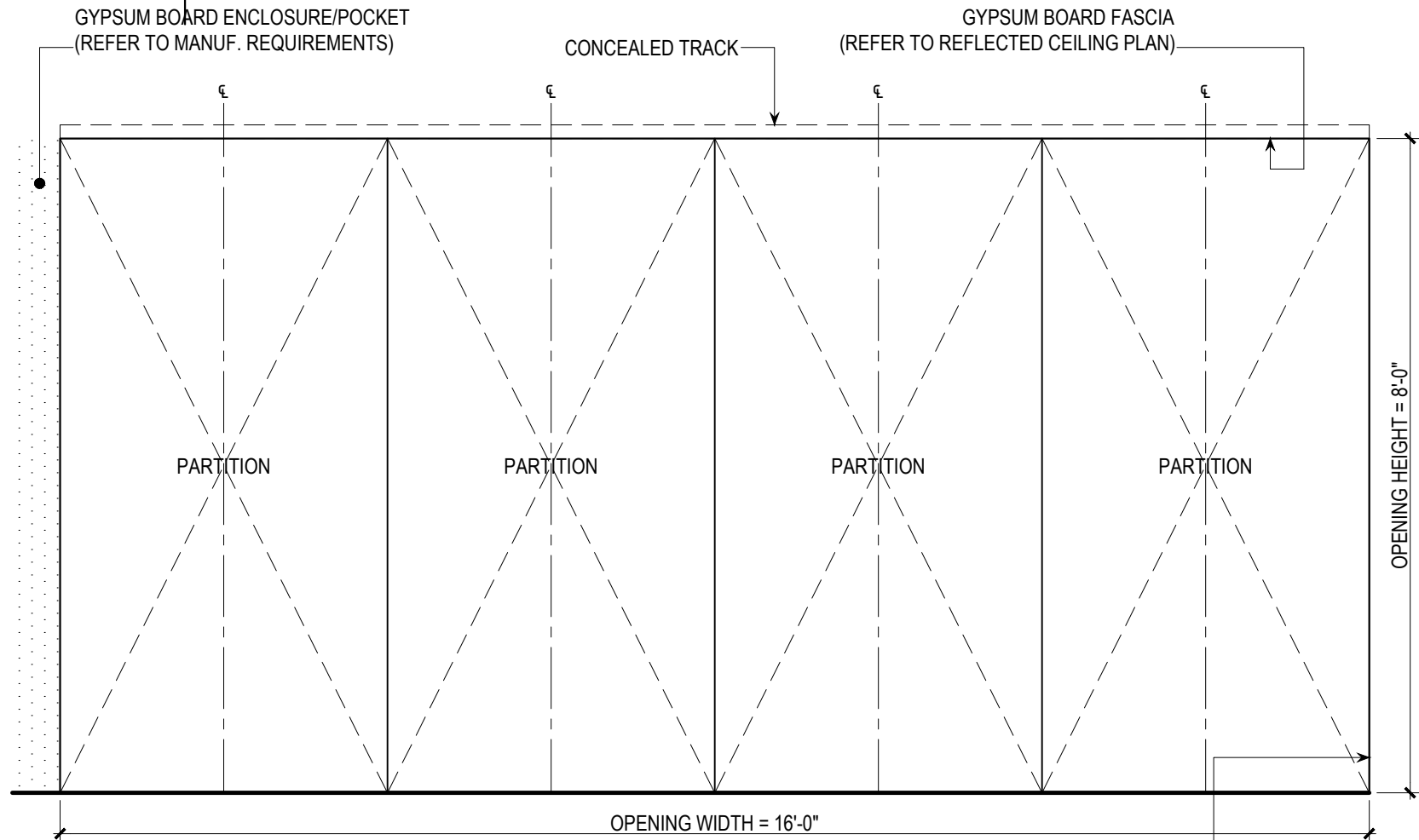
DOOR TYPE III
SINGLE SWING WOOD DOOR
WITH FIXED LOUVERS



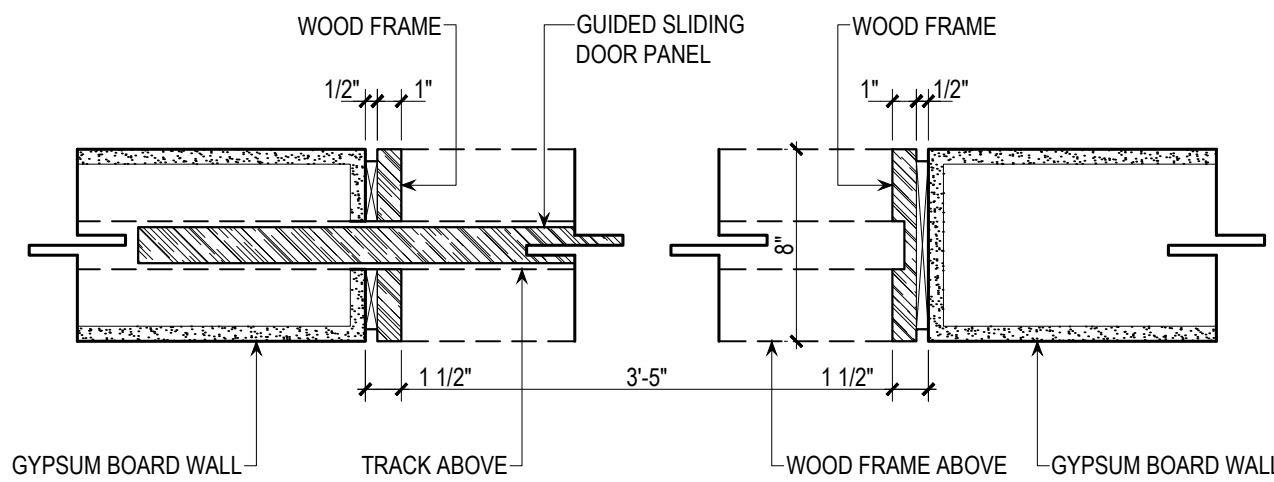
DOOR TYPE IV
DOUBLE SWING DOORS
WITH VIEW PANELS



DOOR TYPE V
SINGLE SWING WOOD DOOR
WITH FIXED LOUVERS



DOOR TYPE VI
MODERN FOLD
ACOUSTIC PANEL SYSTEM



POCKET DOOR FRAME DETAIL
SCALE: 1-1/2"=1'-0"

DOOR SCHEDULE:

MKD	TYPE	OPENING		MATERIAL	THICKNESS	FRAME MATERIAL	GAUGE		VIEW PANEL	HARDWARE SET	CORE	FINISH	MANUFACTURER	SPACE	REMARKS
		WIDTH	HEIGHT				DOOR	FRAME							
1	I	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET C	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	104	POCKET DOOR W/ "FROSTED" TEMPERED GLASS PANEL
2	I	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET C	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	109	POCKET DOOR W/ "FROSTED" TEMPERED GLASS PANEL
3	I	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET C	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	111	POCKET DOOR W/ "FROSTED" TEMPERED GLASS PANEL
4	III	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD				SET B	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	116	
5	III	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD				SET B	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	118	
6	III	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD				SET B	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	117	WOOD DOOR W/ FIXED LOUVERS
7	III	3'-2"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD				SET B	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	119	
8	IV	5'-7"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET A	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	101	
9	IV	5'-7"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET A	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	101	
10	VI	16'-0"	8'-0"	MANUFACTURER'S SPEC.	MANUF. SPEC.	MANUFACTURER'S SPEC.			N/A	MANUF. SPEC.	MANUF. SPEC.	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	113 / 114	ACOUSTIC PANEL SYSTEM
11	V	2'-4"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD				SET B	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	115	WOOD DOOR W/ FIXED LOUVERS
12	IV	5'-7"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET A	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	101	
13	IV	5'-7"	7'-0"	WOOD VENEER PARTICLEBOARD	1-3/4"	WOOD			TEMP. GLASS	SET A	PARTICLE BOARD	TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SELECTION	REFER TO SPECIFICATIONS, DIVISION 08: OPENINGS	101	

HARDWARE SETS (BASIS OF DESIGN) LEGEND

SET A

- CLASSROOM TYPE LOCKSET EQUAL OR SIMILAR TO FALCON T SERIES
- HINGES EQUAL OR SIMILAR TO IVES FULL MORTISE BALL BEARING STANDARD WEIGHT HINGES
- DOOR BUMPER EQUAL OR SIMILAR TO IVES CONCAVE WALL BUMPER

SET B

- CLOSET/STOREROOM TYPE LOCKSET EQUAL OR SIMILAR TO FALCON T SERIES
- HINGES EQUAL OR SIMILAR TO IVES FULL MORTISE BALL BEARING STANDARD WEIGHT HINGES
- DOOR STOP EQUAL OR SIMILAR TO IVES FLOOR STOP AND MANUAL DOOR HOLDER

SET C

- POCKET DOOR SET EQUAL OR SIMILAR TO HAFELE HAWA JUNIOR POCKET DOOR KIT W/ GUIDE TRACK STOPPER AND RUBBER BUMPER
- LOCK SET EQUAL OR SIMILAR TO HAFELE SLIDINGPOCKET DOOR LOCK W/ EDGE PULL AND STRIKE

HARDWARE NOTES

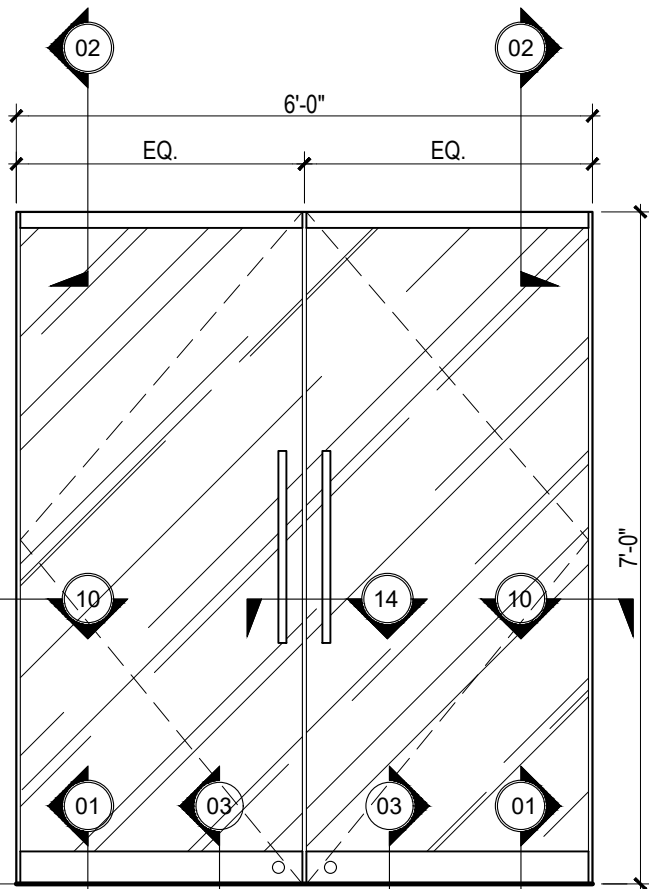
- ALL HARDWARE TO BE EQUAL OR SIMILAR TO BASIS OF DESIGN IN ORDER TO BE APPROVED.
- ALL HANDLES TO BE LEVER TYPE D. CONTRACTOR SHALL SUBMIT KEYING AND FUNCTION TO BE APPROVED.
- CONTRACTOR SHALL PROVIDE MASTER KEYING THROUGHOUT PROJECT.
- CONTRACTOR SHALL SUBMIT SAMPLES FOR APPROVAL.
- ALL HARDWARE FINISHES TO MATCH THROUGHOUT PROJECT.

EXISTING DOORS NOTES

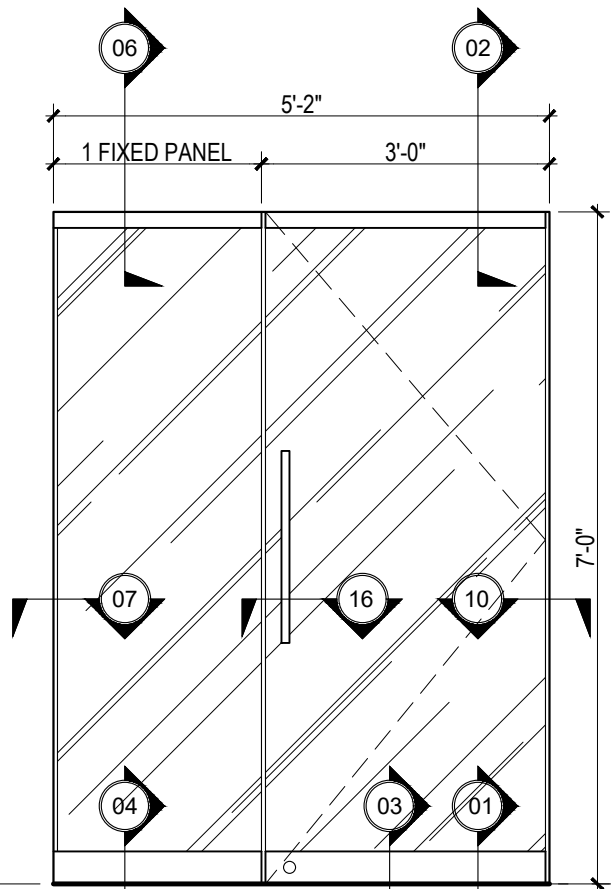
- ALL EXISTING DOORS (MARKED "EX" IN FLOOR PLAN) SHALL BE PAINTED. PAINT TO BE APPROVED BY ARCHITECT.
- ANY DAMAGED COMPONENTS, SUCH AS DOOR PULLS, PUSH PLATES, HINGES, DOOR CLOSERS, KICK PLATES, LOUVERS, LOCK SETS, ETC., SHALL BE REPLACED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT DOCUMENTATION OF REPLACEMENT PARTS FOR APPROVAL.

OPERABLE PARTITIONS

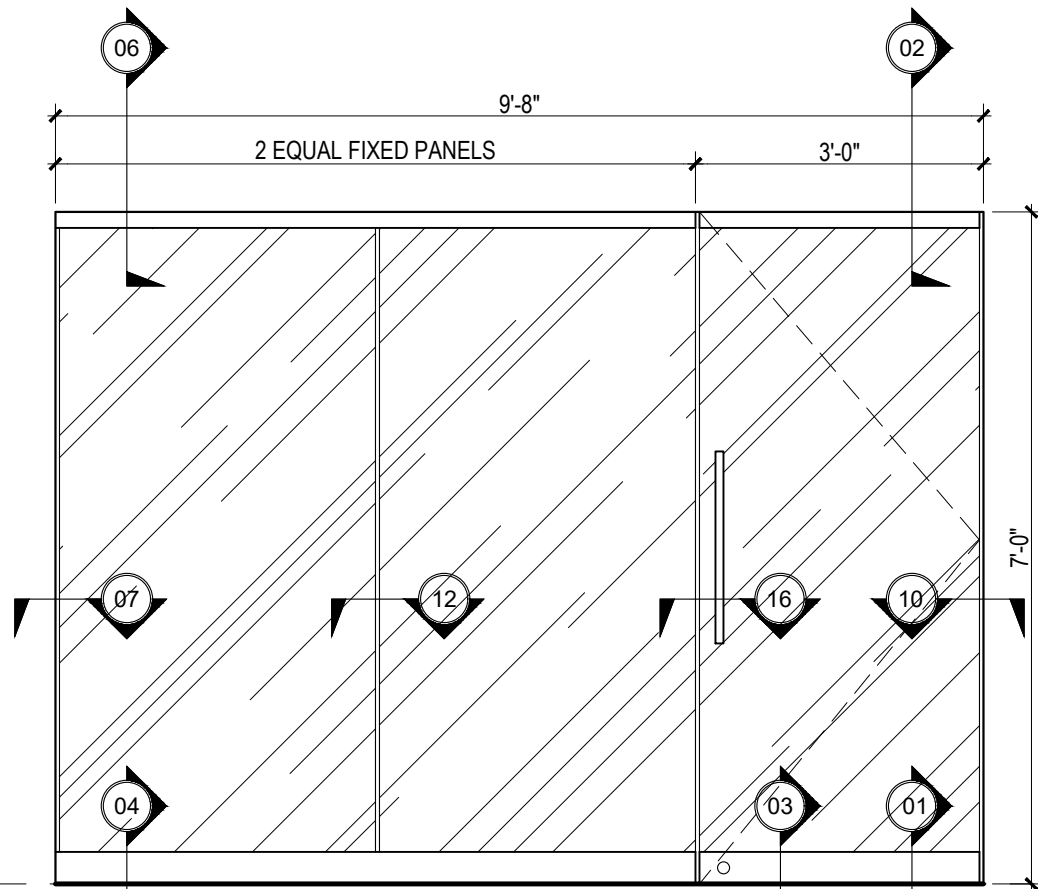
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND COORDINATE FINAL CONFIGURATION WITH ARCHITECT AS PER PRODUCT/SUPPLIER SPECIFICATIONS, MINIMUM CLEARANCES, AND OTHER REQUIREMENTS.



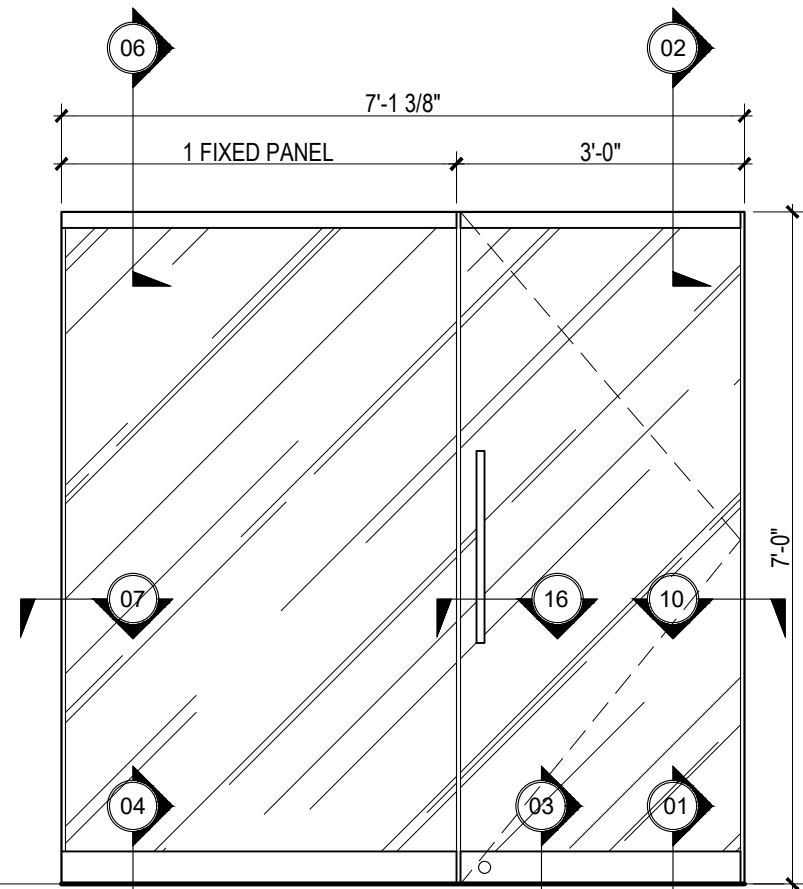
MKD A
FIXED GLASS &
SWING DOOR



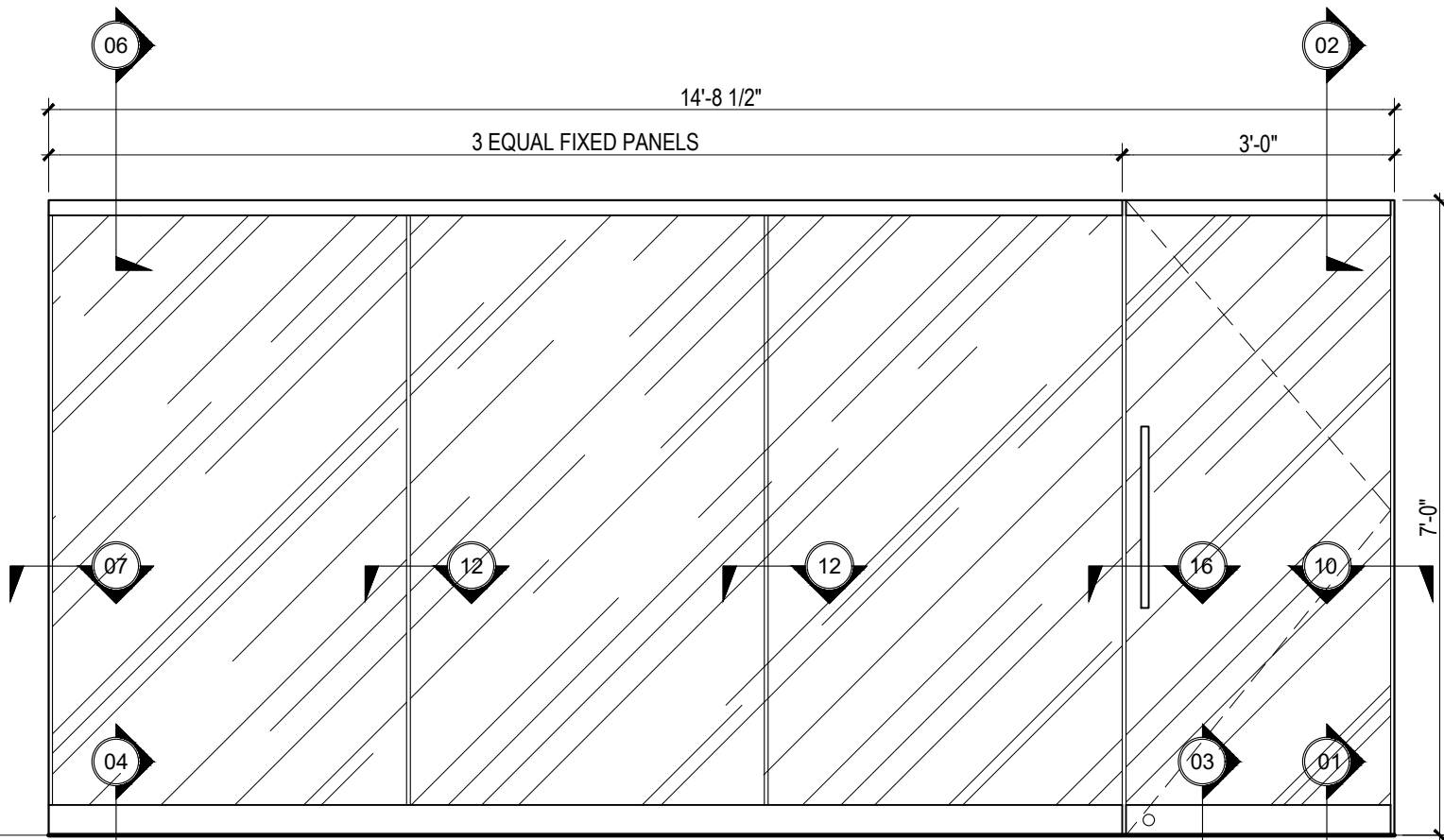
MKD B
FIXED GLASS &
SWING DOOR



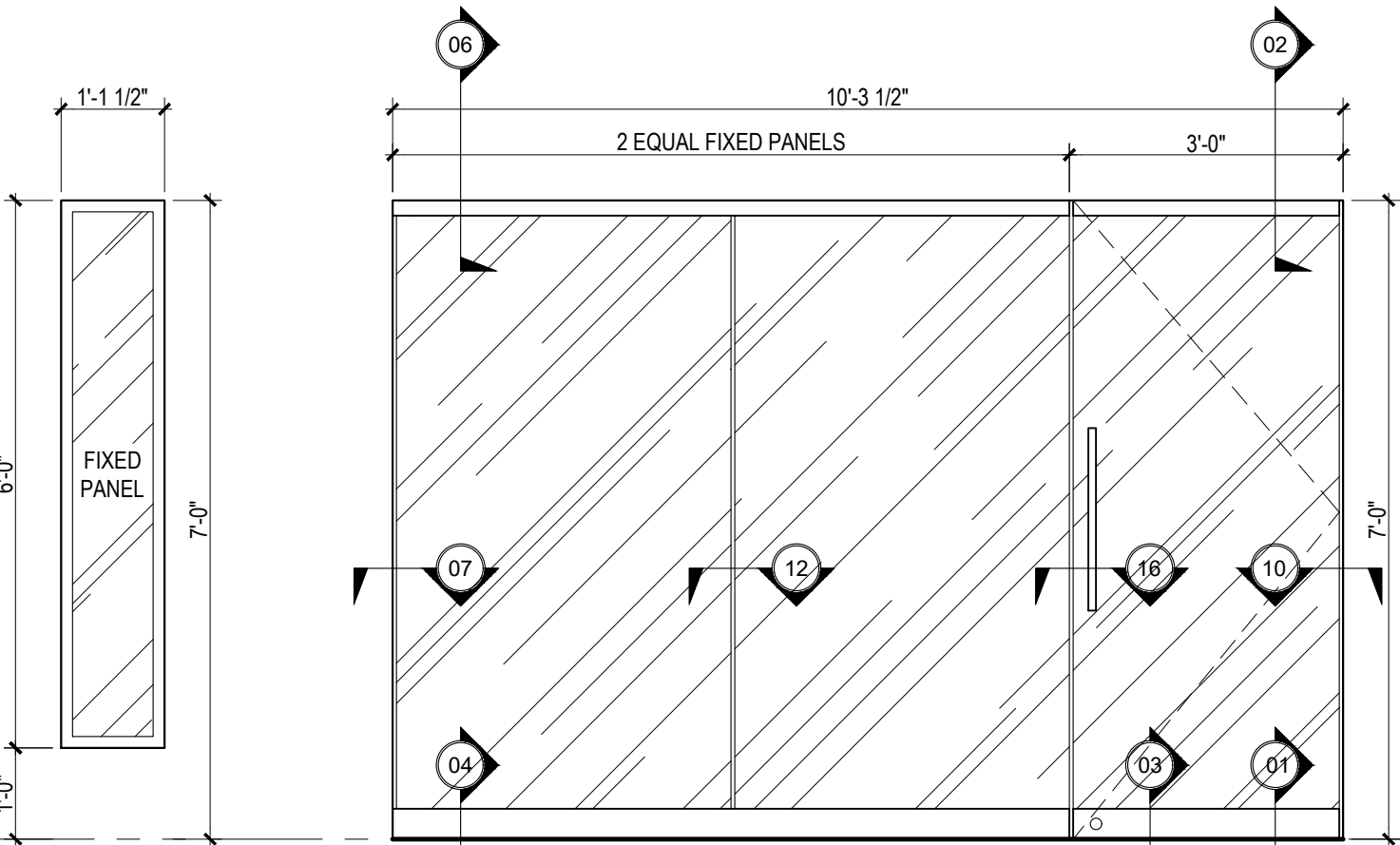
MKD C
FIXED GLASS &
SWING DOOR



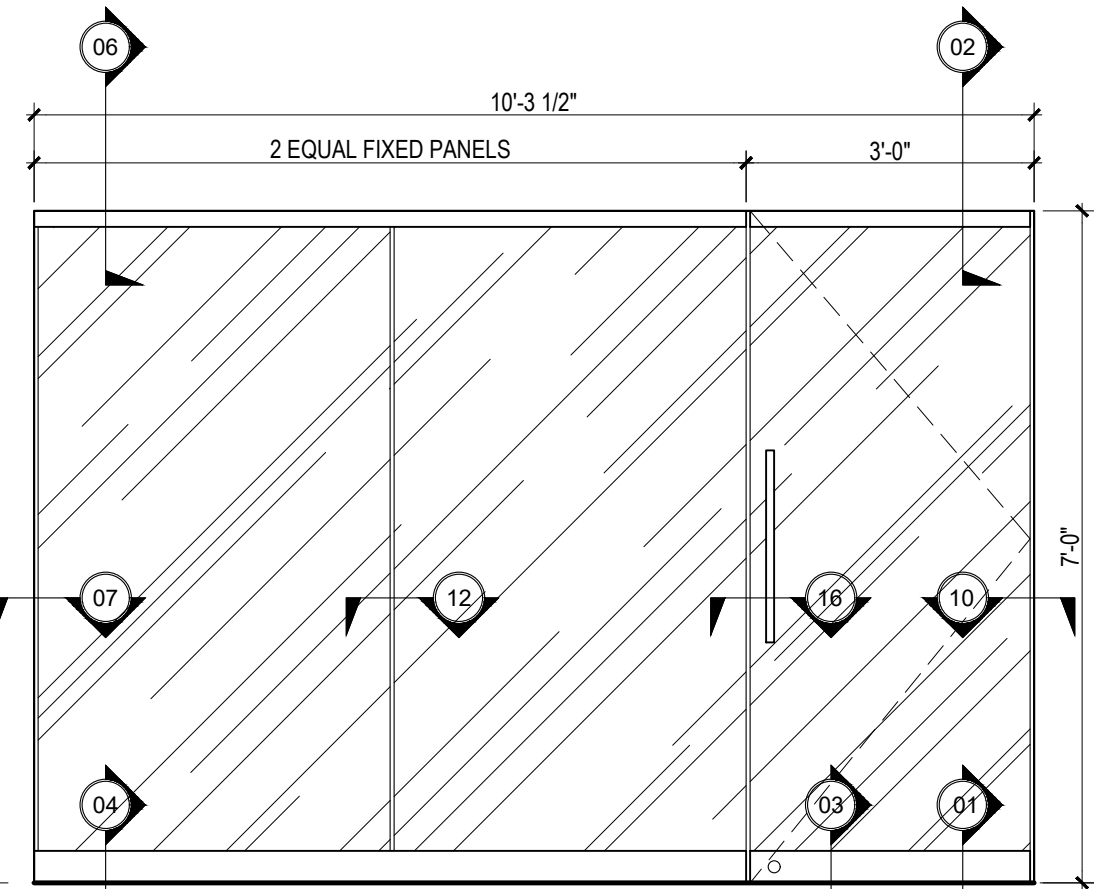
MKD D
FIXED GLASS &
SWING DOOR



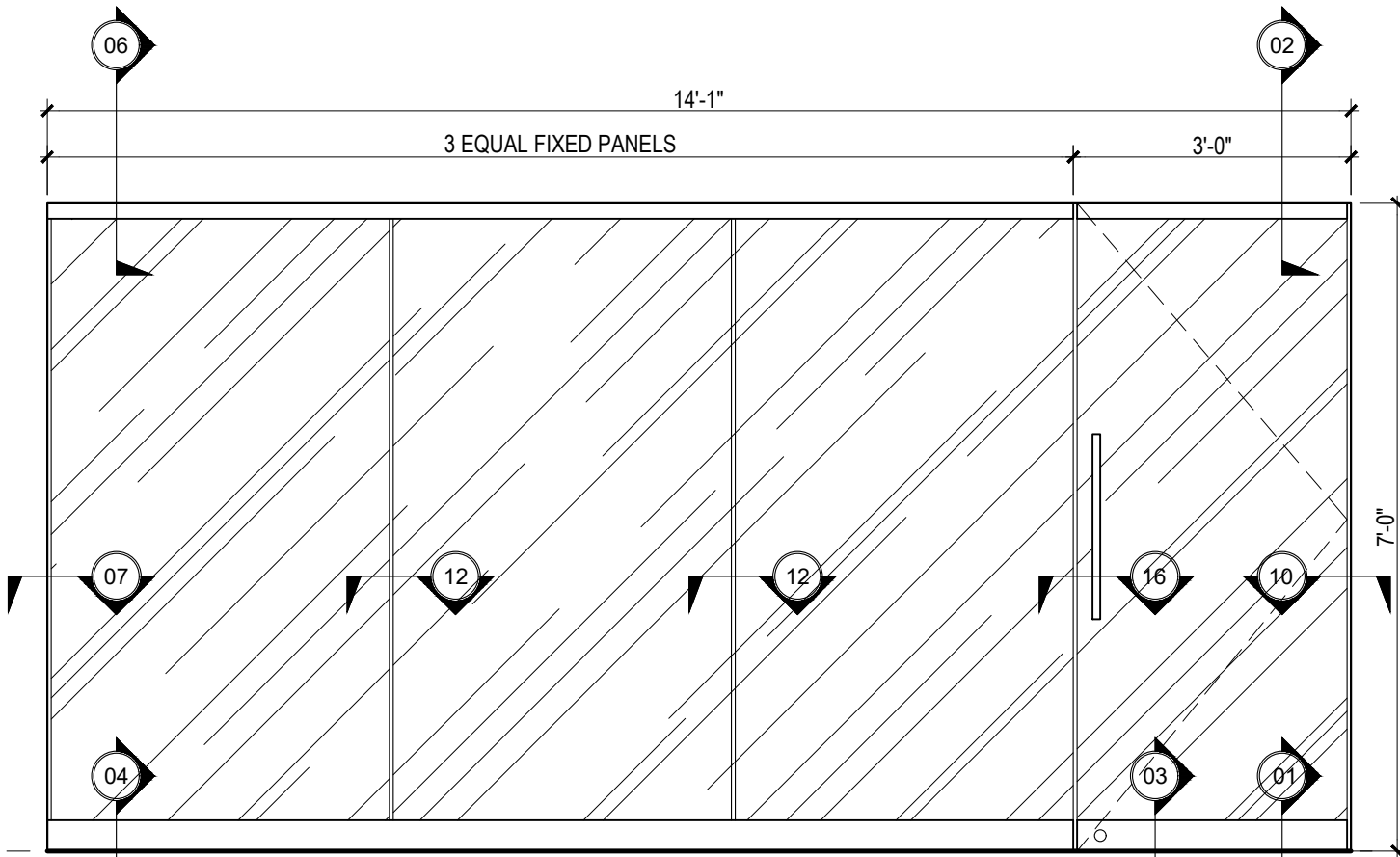
MKD E
FIXED GLASS &
SWING DOOR



MKD F
FIXED GLASS &
SWING DOOR



MKD G
FIXED GLASS &
SWING DOOR

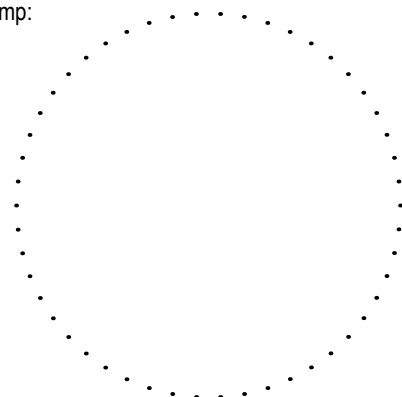


MKD H
FIXED GLASS &
SWING DOOR

GLAZING NOTES

- ALL GLAZING TO BE EQUAL OR SIMILAR TO BASIS OF DESIGN BY ORL IN ORDER TO BE APPROVED.
- FOR GLAZING DETAILS, PLEASE REFER TO SHEET A602.

Stamp:



Revisions:

No. Date & Description

Project Name:

P3 HEADQUARTERS

ROBERTO SANCHEZ VILELLA GOV. CTR.
300 DE DIEVO AVE., SAN JUAN, PR 00911

Client: PUERTO RICO
Project No.: 65-2032.0
Drawing Title: PUBLIC-PRIVATE PARTNERSHIPS (P3)

DOOR SCHEDULE &
OFFICE GLAZING

SET ISSUE DATE

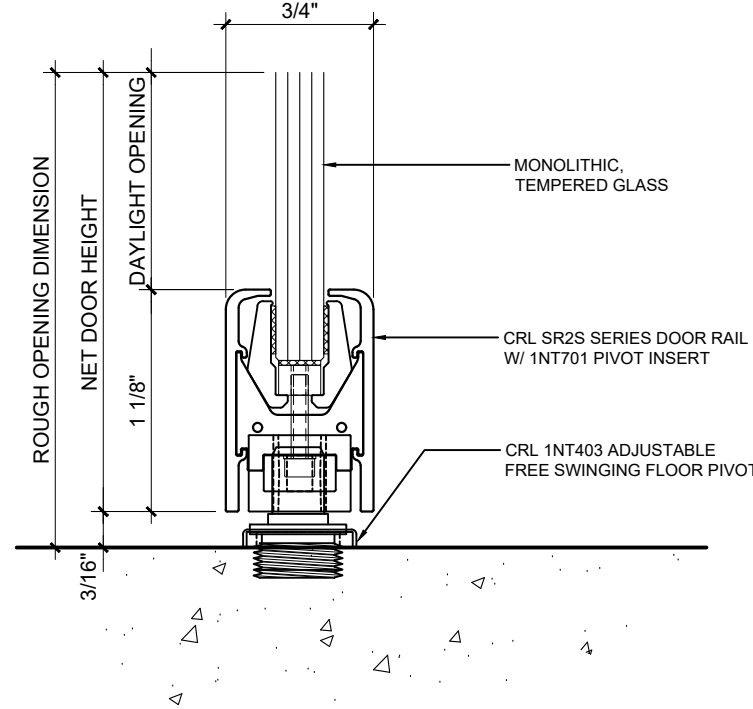
► 2022.02.25 ◀

ISSUE FOR BID

OQPe OFFICE - 3RD FLOOR

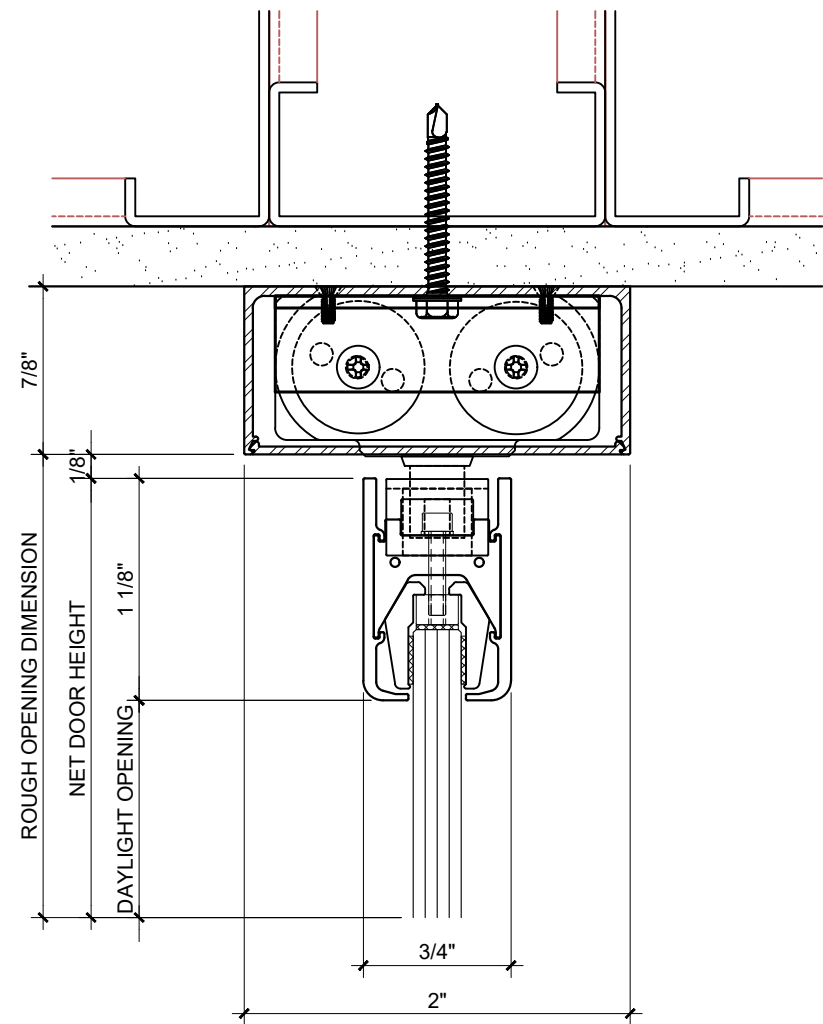
Sheet:

A601



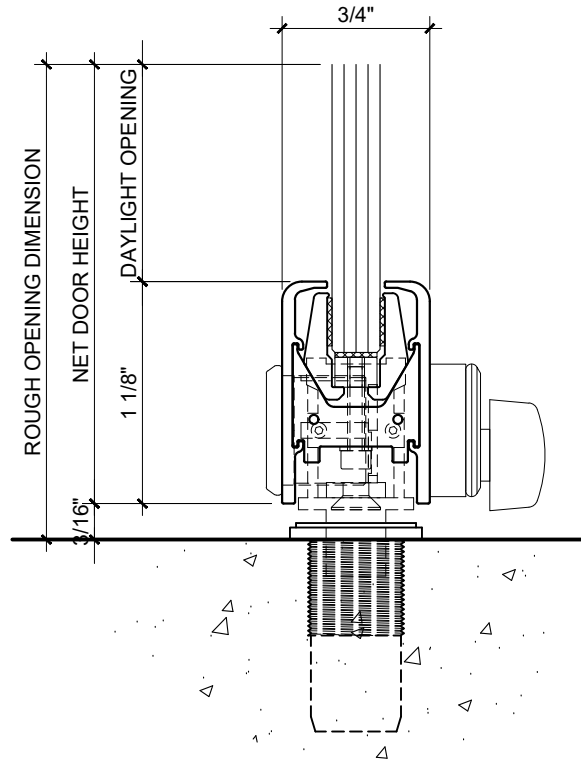
DOOR SILL AT PIVOT
SCALE: N.T.S.

01



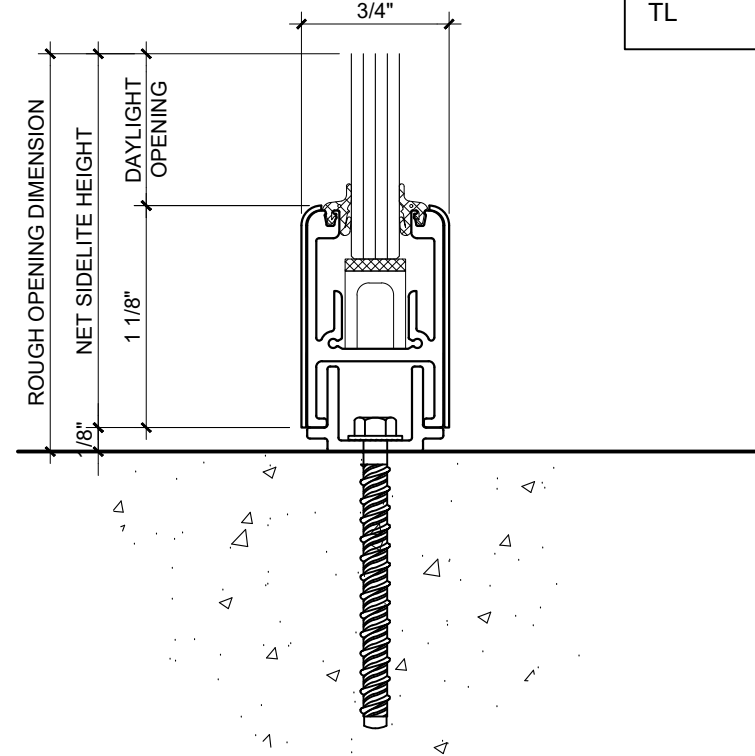
DOOR HEAD AT EXPOSED HEADER
SCALE: N.T.S.

02



DOOR SILL AT LOCK
SCALE: N.T.S.

03



TYPICAL SIDELITE SILL
SCALE: N.T.S.

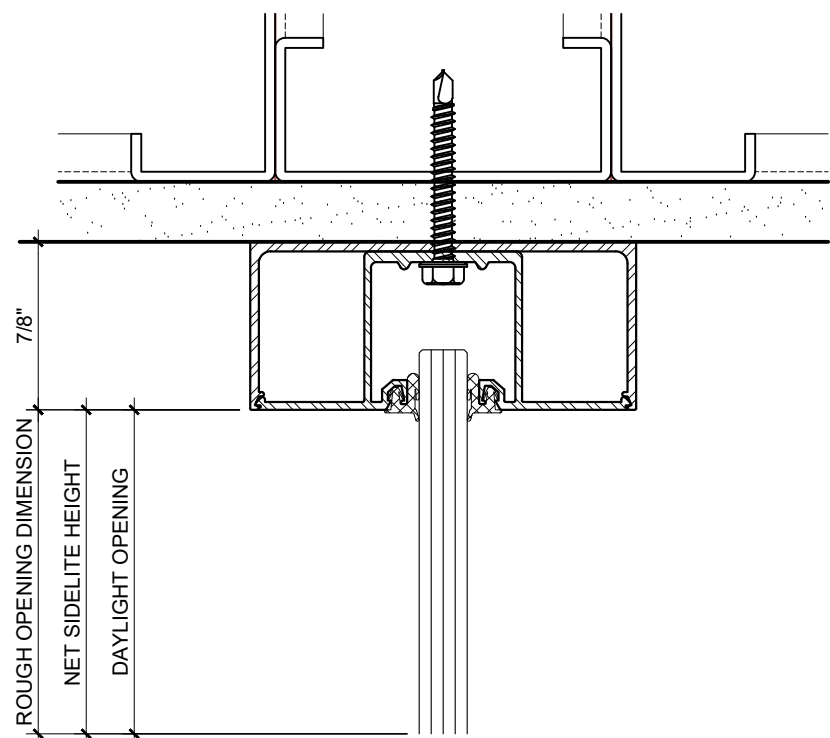
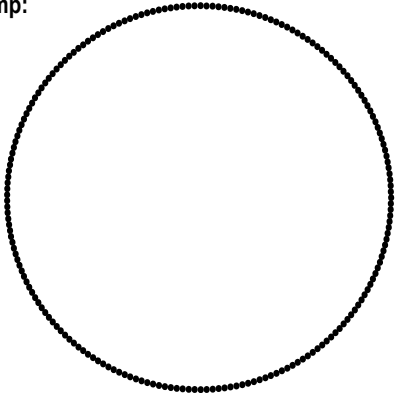
NOTE:

ALL WINDOW DETAILS TO BE EQUAL OR SIMILAR TO BASIS OF DESIGN BY CRL IN ORDER TO BE APPROVED.

STANDARD CRL ABBREVIATIONS:

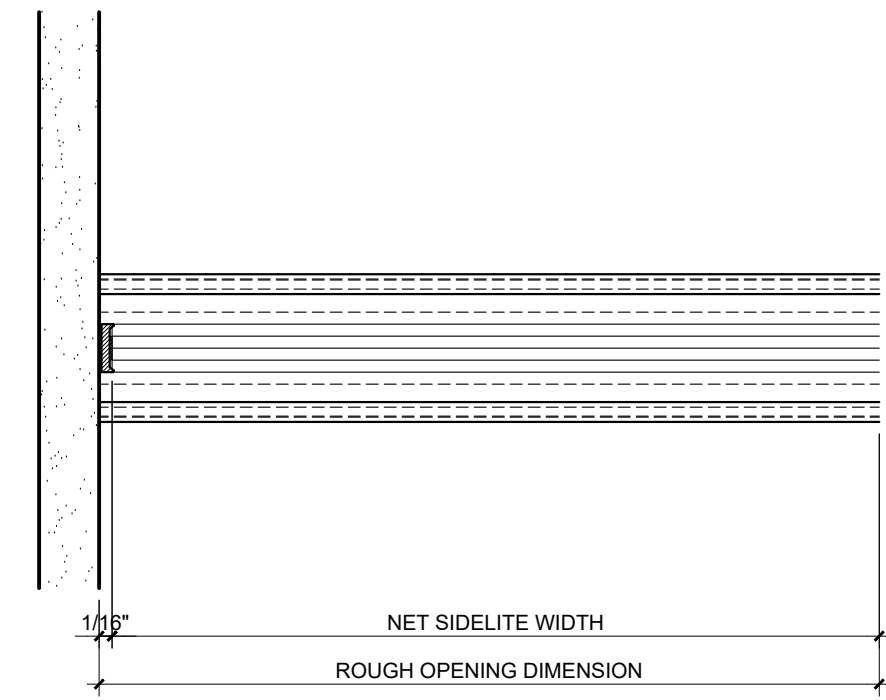
RO ROUGH OPENING
FD FRAME DIMENSION
DLO DAYLIGHT OPENING
CO CLEAR OPENING
PD PANEL DIMENSION
DD DOOR DIMENSION
TL TRACK LENGTH

Stamp:



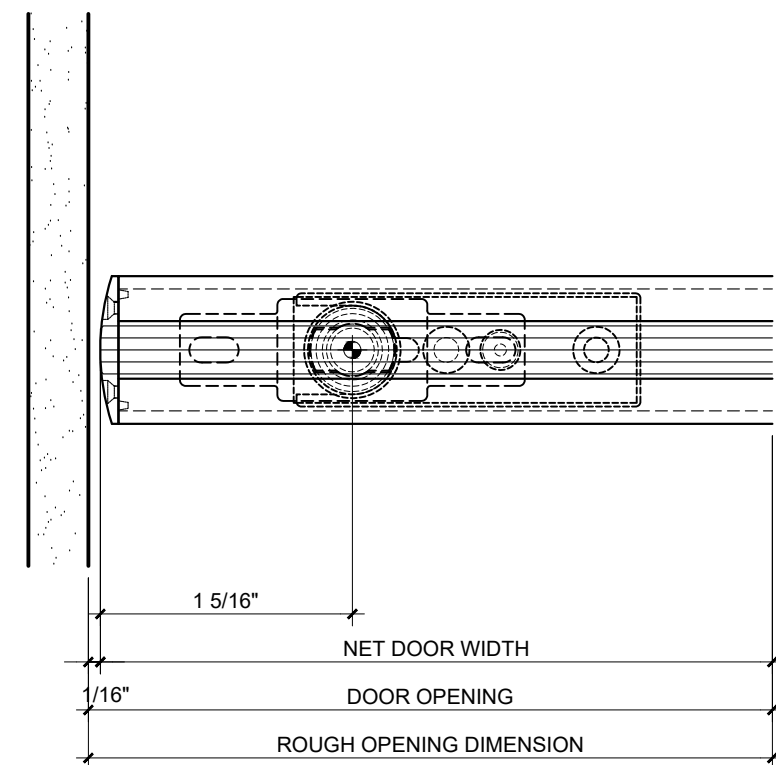
SIDELITE HEAD AT EXPOSED HEADER
SCALE: N.T.S.

06



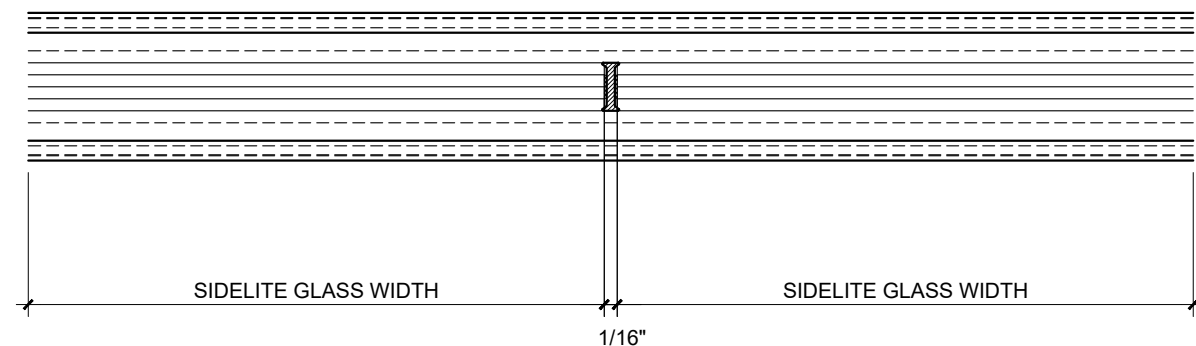
SIDELITE AT WALL
SCALE: N.T.S.

07



DOOR JAMB AT WALL
SCALE: N.T.S.

10



TYPICAL SIDELITE GLASS JOINT
SCALE: N.T.S.

12

Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

GLAZING DETAELS

SET ISSUE DATE

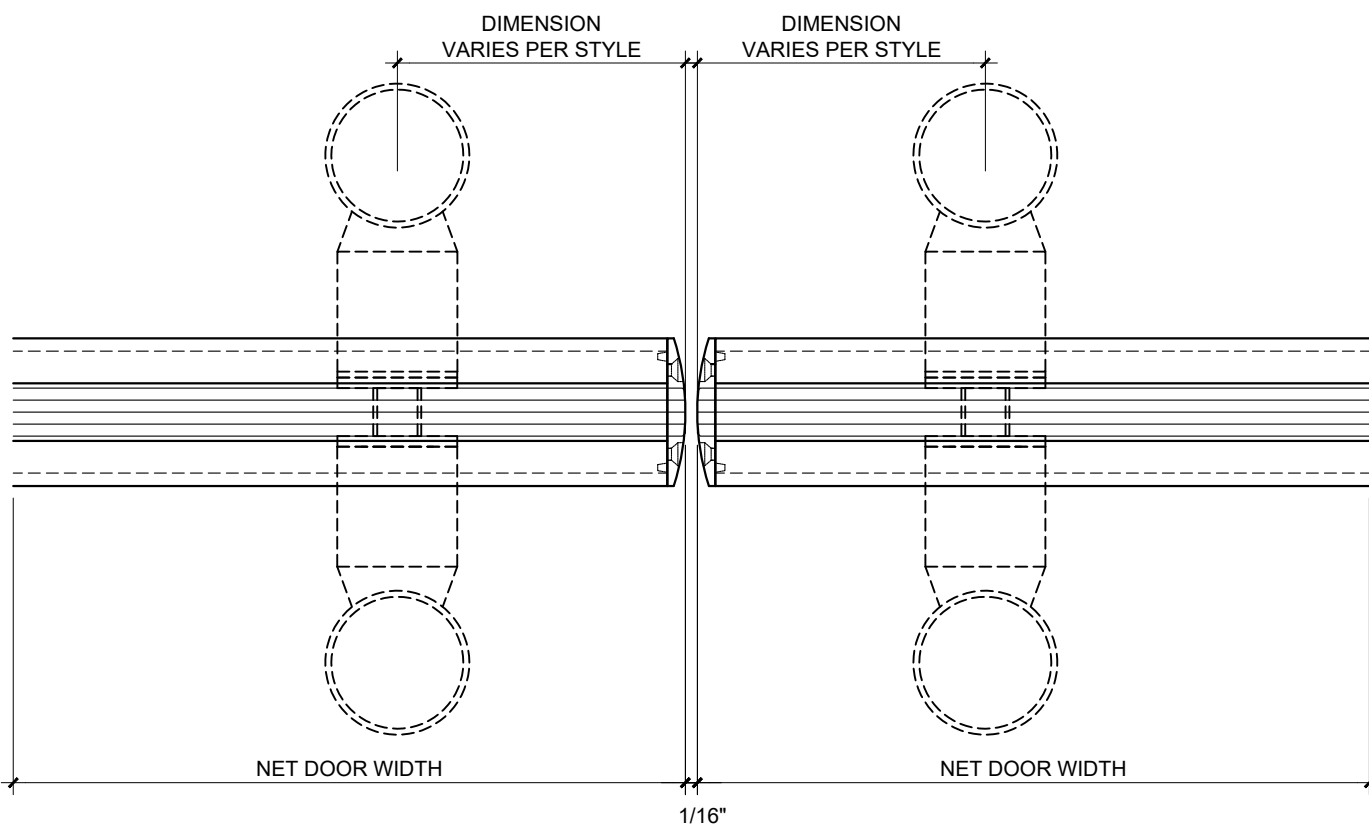
► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

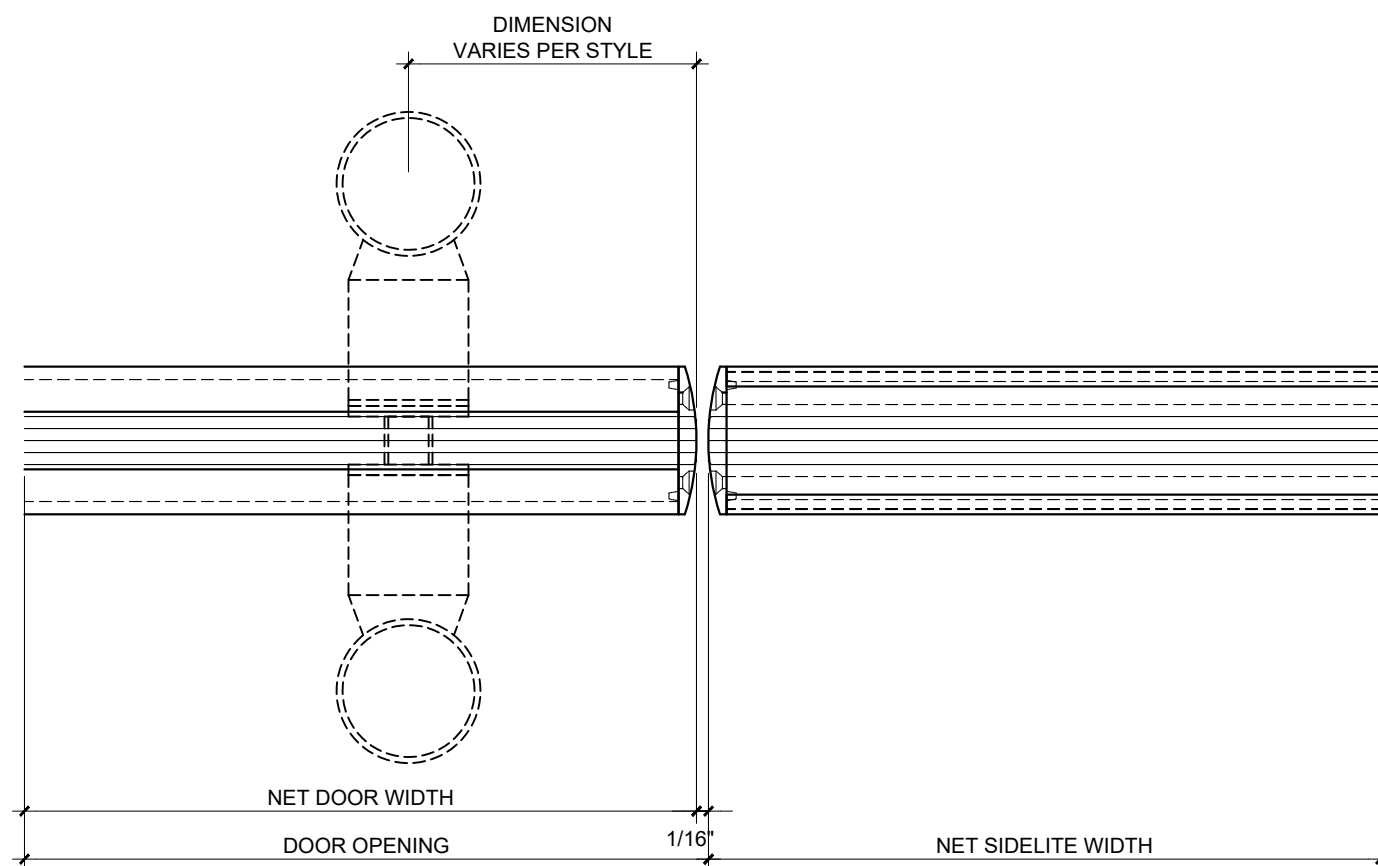
Sheet:

A602



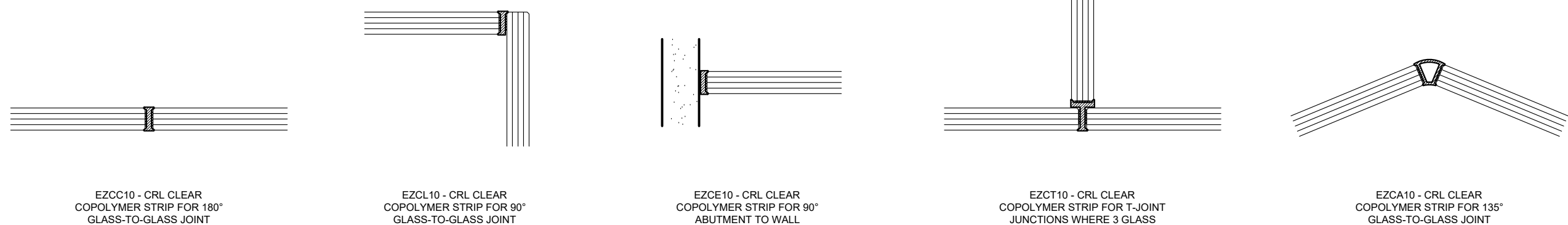
DOOR JAMB AT DOOR JAMB
SCALE: N.T.S.

14

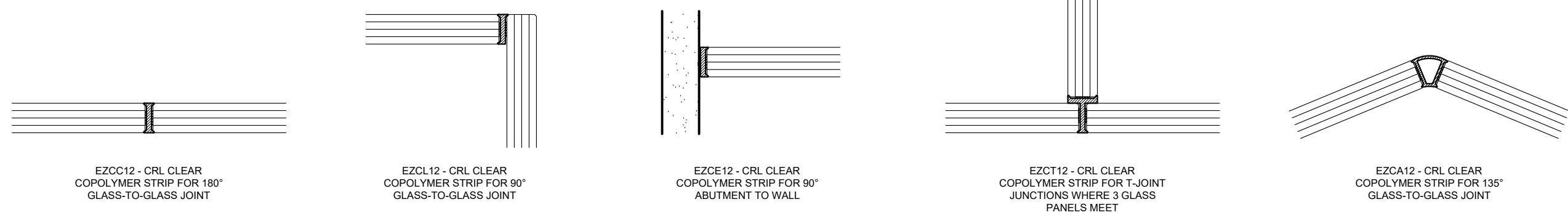


DOOR JAMB AT SIDELITE
SCALE: N.T.S.

16

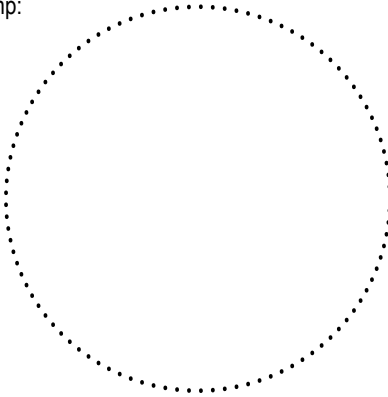


CLEAR COPOLYMER STRIP FOR GLASS-TO-GLASS JOINT FOR 3/8" (10mm) MONOLITHIC TEMPERED GLASS



CLEAR COPOLYMER STRIP FOR GLASS-TO-GLASS JOINT FOR 1/2" (12mm) MONOLITHIC TEMPERED GLASS

Stamp:



DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF
PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

HVAC DEMOLITION
FLOOR PLANS

SET ISSUE DATE

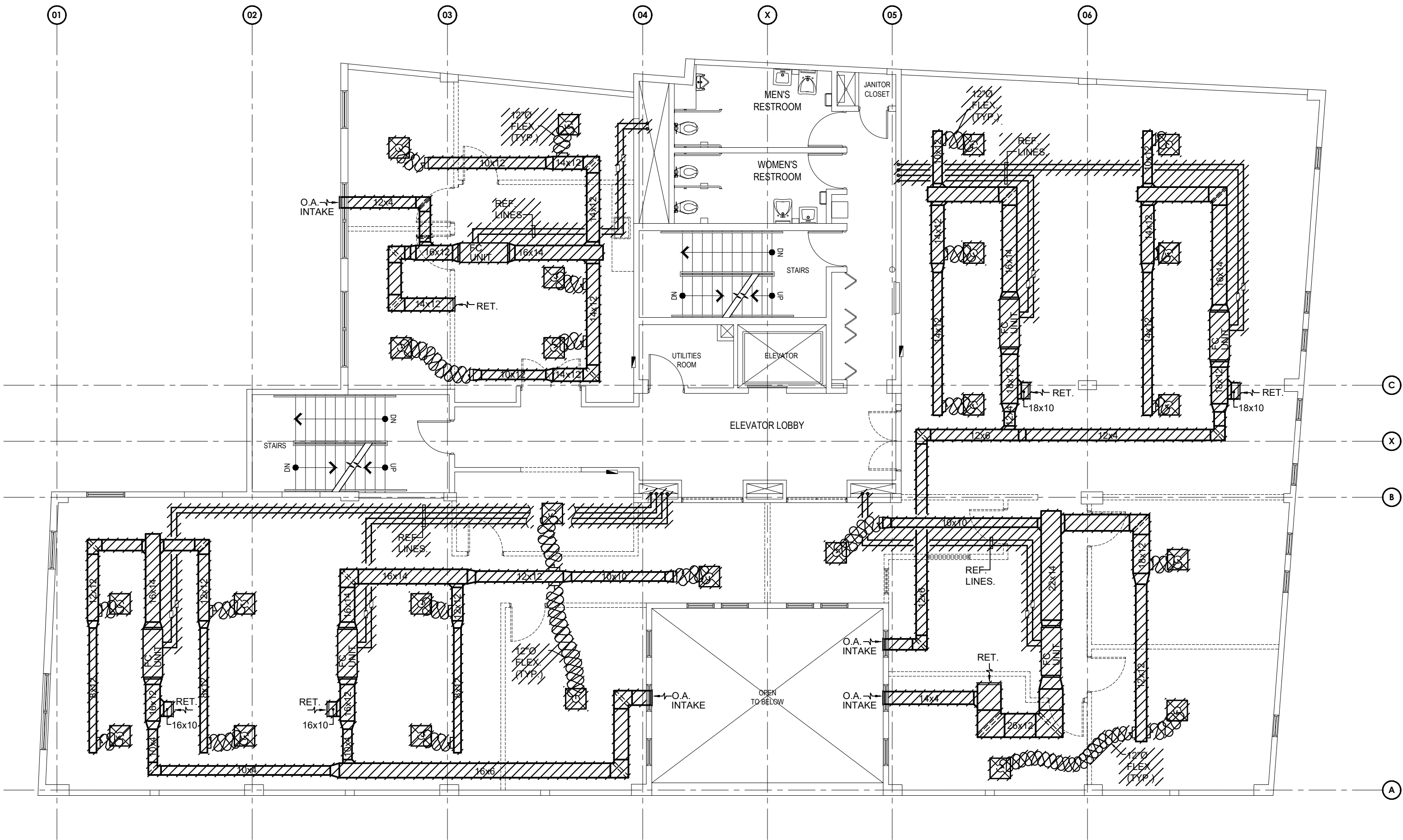
► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

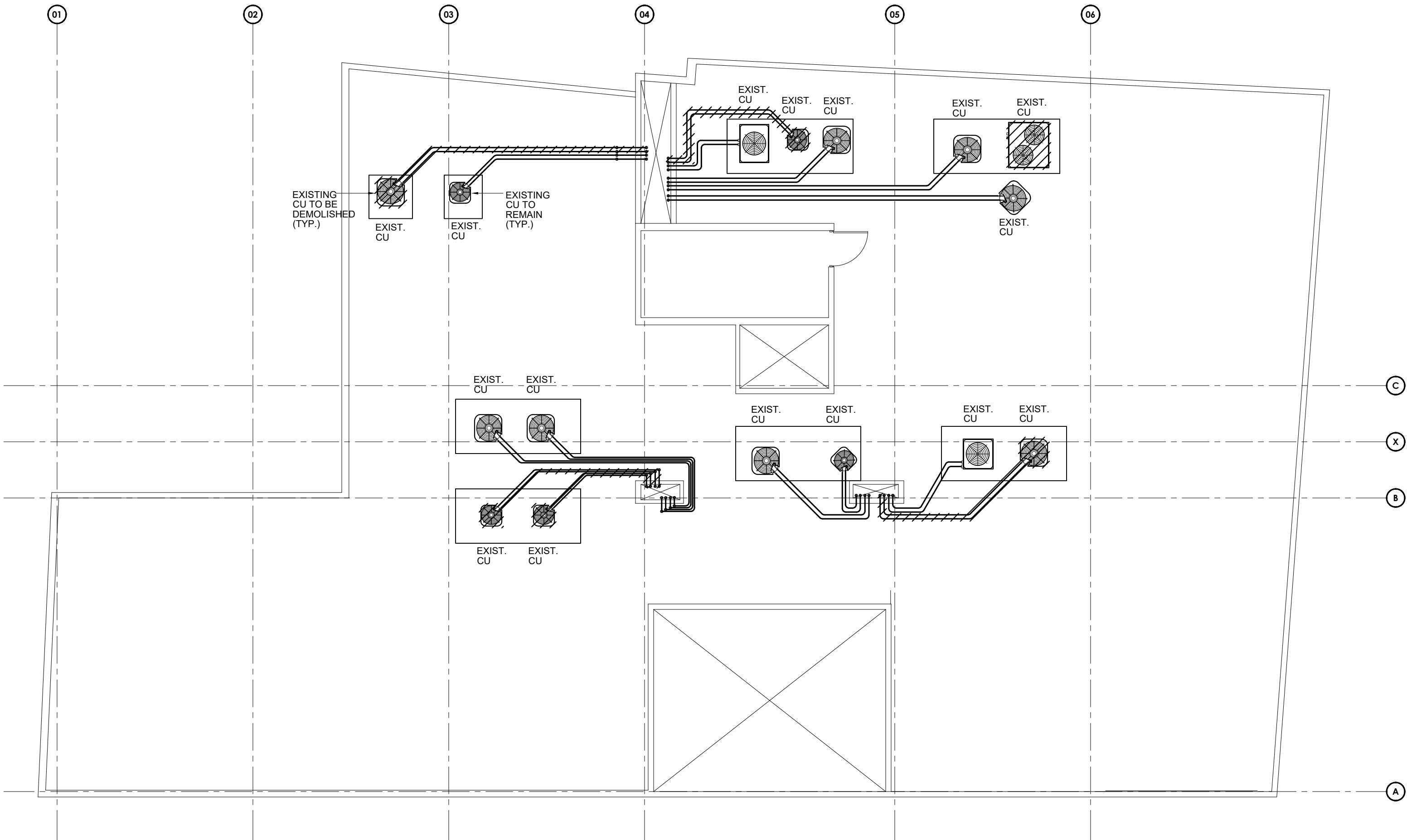
Sheet:

ACD-101



HVAC DEMOLITION THIRD FLOOR PLAN

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

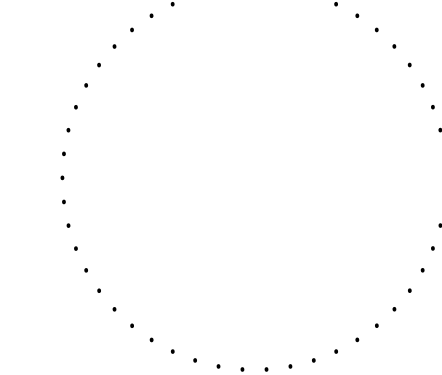


HVAC DEMOLITION ROOF PLAN

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

0' 3' 6' 12' 15' 24'
GRAPHIC SCALE 1/8"=1'-0"

Stamp:



DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF
PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED HVAC THIRD FLOOR
PLAN

SET ISSUE DATE

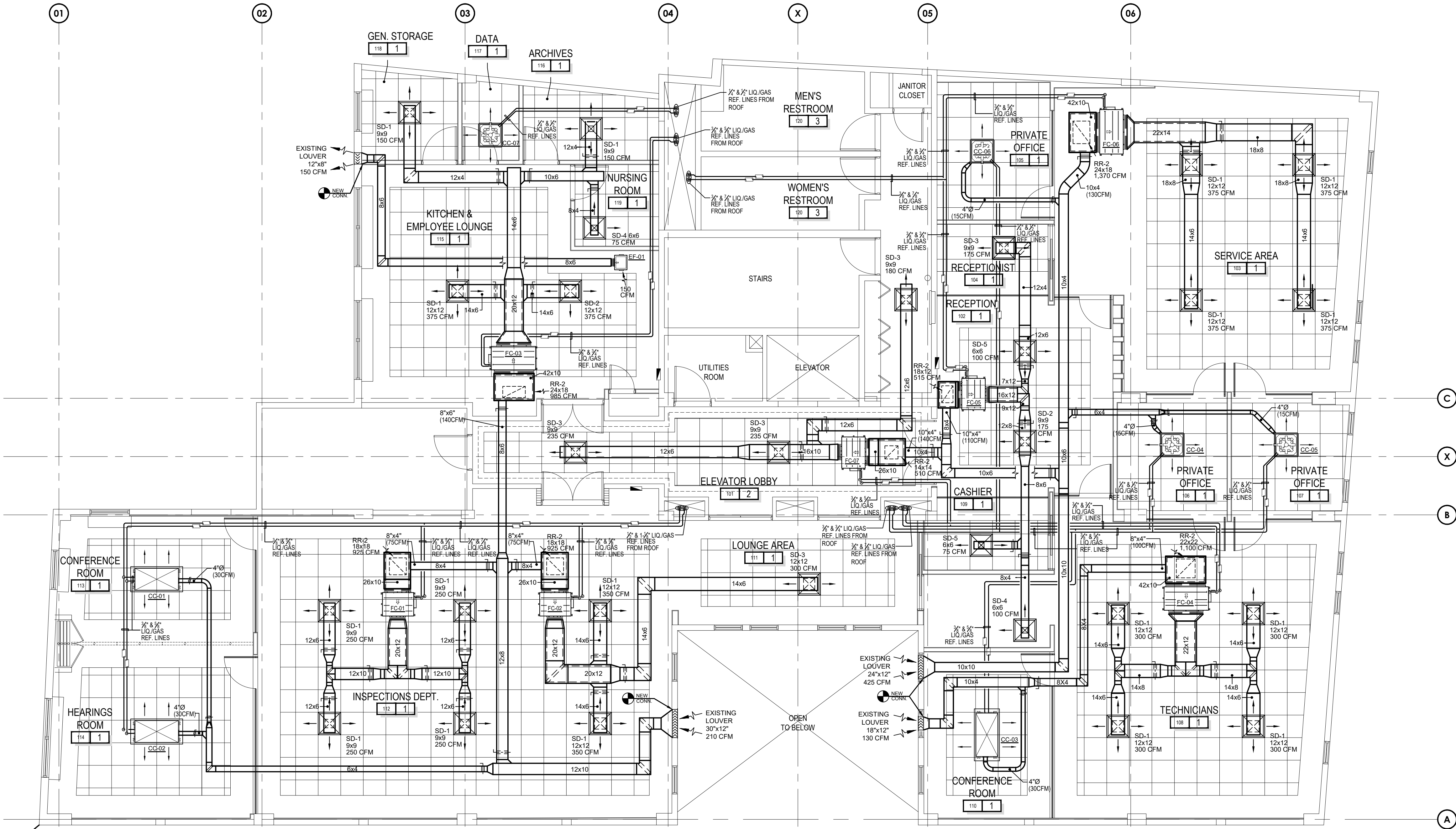
► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

AC-101



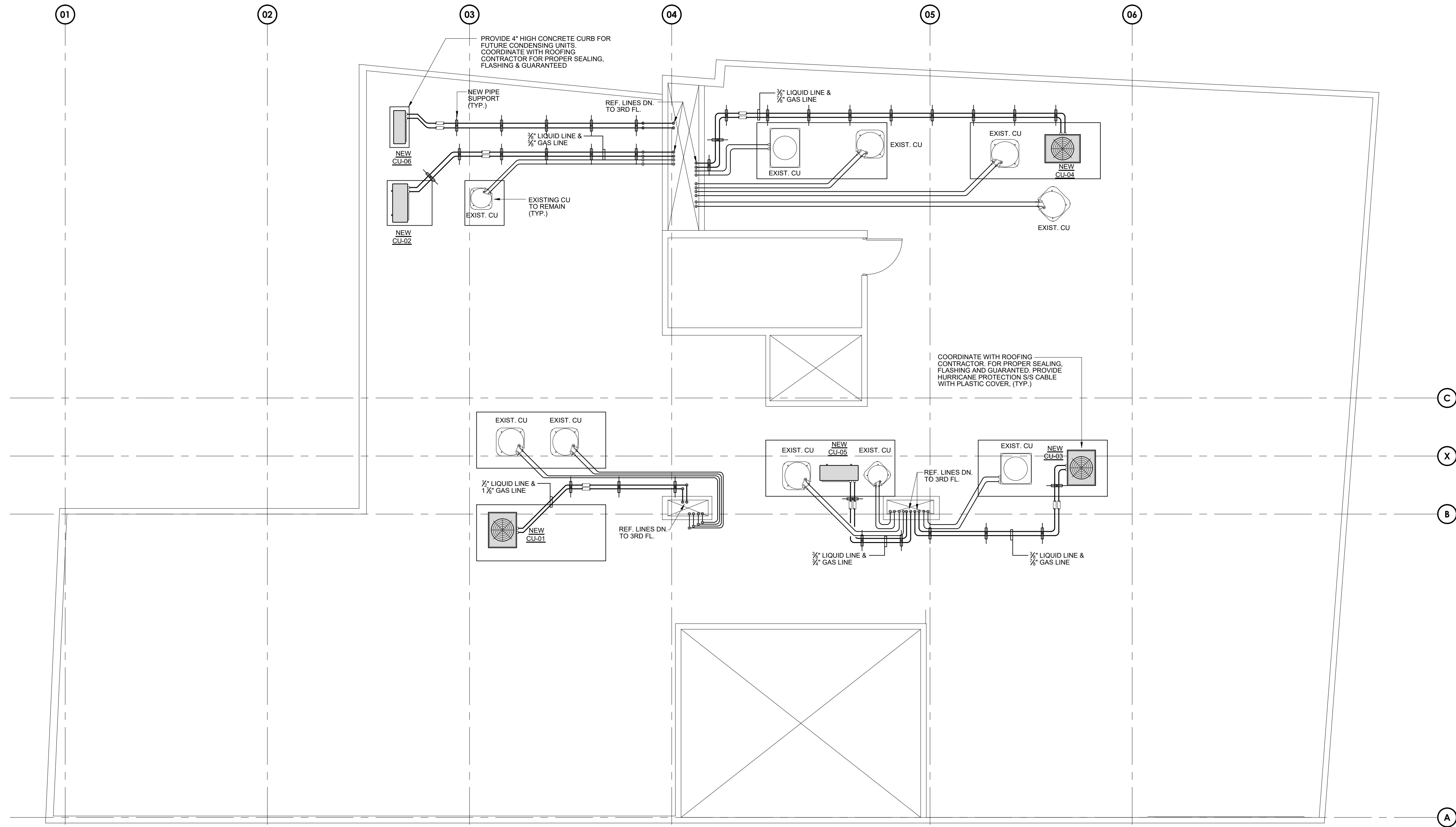
PROPOSED HVAC THIRD FLOOR PLAN

SCALE: 3/16"=1'-0"

LEGEND:

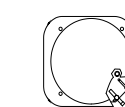
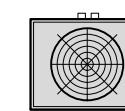
- | | | | |
|--|-----------------------|--|----------------------------|
| | NEW DUCTWORK | | (OBD) OPPOSED BLADE DAMPER |
| | (SD) SUPPLY DIFFUSER | | EA. EACH |
| | (RR) RETURN REGISTER | | SD SUPPLY DIFFUSER |
| | (ER) EXHAUST REGISTER | | RR RETURN REGISTER |
| | | | ER EXHAUST REGISTER |
| | | | FT FLAT TOP TRANSITION |
| | | | AD ACCESS DOOR |
| | | | FD FIRE DAMPER |

0 4 8 12 16
GRAPHIC SCALE 3/16"=1'-0"



PROPOSED HVAC ROOF PLAN
SCALE: 3/16"=1'-0"

SCALE: 3/16"=1'-0"

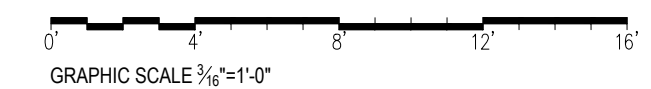


NEW CU

EXISTING CURB
TO REMAIN

NEW REF. LINES

EXISTING REF. LINES

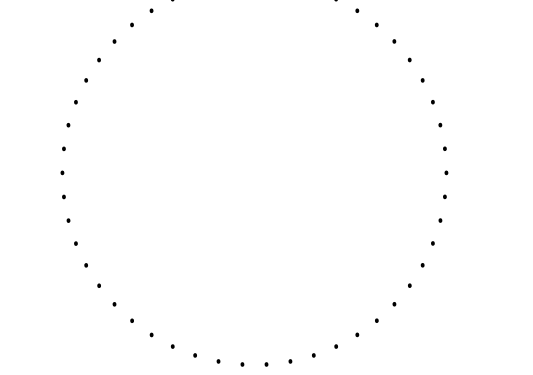


GRAPHIC SCALE $\frac{3}{16}"=1'-0"$

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE
PROPERTY OF INTEGRA. USE, REPRODUCTION, OR MODIFICATION OF
ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS
AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTI, EN LOS PLAZOS Y CERTOS QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANES Y PLANOS LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTENDIENDO LAS DISPOSICIONES DE LOS REGLAMENTOS CUMPLIRAN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS O CORPORACIONES PUBLICAS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO EL REGLAMENTO CUMPLIRAN CON LAS DISPOSICIONES DE LA LEY N.º 14 DE ENERO DEL 2004, SEGUN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUENA" Y CON LA LEY N.ºM. 331 DE 15 DE MAYO DE 1978, SEGUN ENMIENDADA. LEY N.ºM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMIENDADA. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SON LA PRESENTACION DE ESTOS PLANOS Y PLANOS CON NEGLIGENCE 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 OGPB.

Stamp:



Revisions:

[illegible]

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title: _____

PROPOSED HVAC ROOF PLAN

SET ISSUE DATE

► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet: _____

AC-102

Sheet Template ID: OPE-F-07-B
File: P:\pr\58-2036.0 AE Services OPE Office Ponce\05-Construction Drawings\04-Mech\58-2036.0 AC300 HVAC Schedules; Plotted: 3/18/2022 11:54 AM by INTEGRAUSER; Saved: 3/17/2022 5:25 PM by INTEGRAUSER

AIR DEVICE SCHEDULE								
MARKED NO.	FUNCTION	DESCRIPTION	MODEL	MANUFACTURER	C.F.M.	SIZE	ACCESSORIES	CONSTRUCTION
SD-1	SUPPLY	DIRECTIONAL DIFFUSER AIR PATTERN 4 WAY (S4)	SERIES 5000 MOD. M-6	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER (D-5) & GRIDS (L-9)	STEEL CONST. OFF-WHITE FINISH
SD-2	SUPPLY	DIRECTIONAL DIFFUSER AIR PATTERN 3 WAY (S3)	SERIES 5000 MOD. M-6	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER (D-5) & GRIDS (L-9)	STEEL CONST. OFF-WHITE FINISH
SD-3	SUPPLY	DIRECTIONAL DIFFUSER AIR PATTERN 2 WAY OPPOSED (S2)	SERIES 5000 MOD. M-6	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER (D-5) & GRIDS (L-9)	ALUMINUM CONST. OFF-WHITE FINISH
SD-4	SUPPLY	DIRECTIONAL DIFFUSER AIR PATTERN 2 WAY CORNER (SC)	SERIES 5000 MOD. M-6	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER (D-5) & GRIDS (L-9)	ALUMINUM CONST. OFF-WHITE FINISH
SD-5	SUPPLY	DIRECTIONAL DIFFUSER AIR PATTERN 1 WAY (S1)	SERIES 5000 MOD. M-6	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER (D-5) & GRIDS (L-9)	ALUMINUM CONST. OFF-WHITE FINISH
ER-1 RR-1 TG-1	EXHAUST RETURN TRANSFER	45° DEFLECTION REGISTER	RHD	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER	ALUMINUM CONST. OFF-WHITE FINISH
RR-2	FILTERED RETURN	45° DEFLECTION REGISTER	RHEF-1	METALAIRE	SEE DWG.	SEE DWG.	OPPOSED BLADE DAMPER	ALUMINUM CONST. OFF-WHITE FINISH
FAL-1 EAL-1	INTAKE/EXHAUST	WIND-DRIVEN RAIN RESISTANT STATIONARY LOUVER	EME662SD	RUSKIN	SEE DWG.	SEE DWG.	1/2" X .040" (13 X 1 5) ALUMINUM BIRD SCREEN IN REMOVABLE FRAME.	FRAME .085" (2 4) WALL THICKNESS BLADES .062" (1 6) WALL THICKNESS VERTICAL BLADES EXTENDED SILL .060" (2 5) WALL THICKNESS

FAN COIL UNIT SCHEDULE									
TAG	MANUFACTURER MIDEA	COOLING CAPACITY BTU/HR	AIR FLOW CAPACITY (RANGE) (CFM)	REFRIGERANT LINE SIZES		VOLTAGE	MCA	MOP	REMARKS
				LIQUID (IN)	GAS (IN)		AMPS	AMPS	
FC-01, FC-02 & FC-03	MODEL MDV-D24T1V1N1-B	24,000	788-1,012	3/8	5/8	208-230 VOLTS/1 PHASE	2.4	15	PROVIDE FACTORY CONDENSATE PUMP
FC-03 & FC-04	MODEL MDV-D48T1V1N1-B	48,000	1,453 - 1,746	3/8	5/8	208-230 VOLTS/1 PHASE	3.0	15	PROVIDE FACTORY CONDENSATE PUMP
FC-06	MODEL MDV-D54T1V1N1-B	54,000	1,453 - 1,746	3/8	5/8	208-230 VOLTS/1 PHASE	3.0	15	PROVIDE FACTORY CONDENSATE PUMP
FC-07	MODEL MDV-D30T1V1N1-B	30,000	777-994	3/8	5/8	208-230 VOLTS/1 PHASE	2.36	15	PROVIDE FACTORY CONDENSATE PUMP

FAN COIL UNIT SCHEDULE (CASSETTE TYPE)								
TAG	MANUFACTURER/MODEL	COOLING CAPACITY BTU/HR	AIR FLOW CAPACITY (RANGE) (CFM)	REFRIGERANT LINE SIZES		VOLTAGE	MCA	MOP
				LIQUID (IN)	GAS (IN)		AMPS	AMPS
CC-01, CC-02 & CC-03	MIDEA / MDV-D71Q2V1N1	24,000	509-727	1/4	1/2	208-230 VOLTS/1 PHASE	1.07	15
CC-04	MIDEA / MDV-D09Q4V1N1-A3	9,000	136-240	1/4	1/2	208-230 VOLTS/1 PHASE	0.3	15
CC-05 & CC-06	MIDEA / MDV-D12Q4V1N1-A3	12,000	155-292	1/4	1/2	208-230 VOLTS/1 PHASE	0.3	15
CC-07	FUJITSU AUA12RLF	12,000	241-359	1/4	3/8	208-230 VOLTS/1 PHASE	4.4	15
* WIRELESS REMOTE CONTROL, SLEEPER TIMER, WEEKLY TIMER, PROGRAM TIMER, DRY/AUTO MODE, QUIET/ECONOMY/LOW NOISE MODE, ENERGY SAVING PROGRAM, AUTO RESTART RESET								

AIR COOLED CONDENSING UNITS SCHEDULE												
MARKED UNIT NO.	LOCATION	UNIT SERVED	TOTAL CAPACITY BTU/HR.	DESIGN	TEMPERATURE	MINIMUM CIRCUIT AMPACITY (AMPS)	MAXIMUM OVERCURRENT PROTECTION (AMPS)	VOLTS	Ø	SEER	MANUFACTURER & MODEL BASIS OF DESIGN	REMARKS
				AIR ENTERING CONDENSER	DESIGN SAT. SUCTION TEMP. AT COMPRESSOR							
CU-01	ROOF	FC-01, FC-02, CC-01 & CC-02	114,400	95	-	43.0	50.0	208/230	3	-	MIDEA MVC-335WV2WN1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY
CU-02	ROOF	FC-03	58,000	95	-	33.0	40.0	208/230	1	-	MIDEA MDVC-V170W/DVN1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY
CU-03	ROOF	FC-04 & FC-07	76,500	95	-	42.5	50.0	208/230	3	-	MIDEA MVC-224WV2WN1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY
CU-04	ROOF	FC-05, FC-06 & CC-06	76,500	95	-	42.5	50.0	208/230	3	-	MIDEA MVC-224WV2WN1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY
CU-05	ROOF	CC-03, CC-04 & CC-05	58,000	95	-	33.0	40.0	208/230	1	-	MIDEA MDVC-V170W/DVN1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY
CU-06	ROOF	SERVER ROOM (CC-07)	12,000	95	-	13.4	15.0	208/230	1	-	FUJITSU AUAU12RLFV1	STANDARD DISCONNECT, BLACK EPOXY COATED COIL, AS PER APPLIED SURFACE TECHNOLOGY

FAN SCHEDULE															
MARKED NO.	T Y P E	SPACE SERVED	P E R F O R M A N C E			DRIVE	MANUFACTURER AND MODEL (BASE DESIGN)	MOTOR DATA PREMIUM EFF.(TEFC)				CONTROL	ACCESSORIES OR REMARKS	ROOF OR WALL OPENING	ROOF CURB
			C.F.M.	R.P.M.	S.P.			HP.	R.P.M.	VOLTS	PHASE				
EF-01	INLINE CENTRIFUGAL EXHAUST VENTILATOR	KITCHEN & EMPLOYEE LOUNGE (115)	150	1440	0.375	DIRECT	LOREN COOK GC-342	63 (WATTS)	1,725	120	1	INTERLOCK FC-03	NEMA LOCKABLE DISCONNECT SWITCH, PREWIRED FAN SPEED CONTROLLER, INTEGRATED BD DAMPER, GEMINI ISOLATOR KIT, WHITE ALUMINUM GRILLE	WALL	N/A

GENERAL NOTES:

- ALL DUCTS AND PLENUMS SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL OF GAUGES AND REINFORCED AS PER SMACNA REQUIREMENTS IN SECTION 7 OF THE SMACNA "HVAC DUCT CONSTRUCTION STANDARDS – METAL AND FLEXIBLE – 1995" AND DUCTMATE PROPRIETARY DUCT CONNECTION SYSTEMS; THOSE CONSTRUCTED USING DUCTMATE SHALL BE IN ACCORDANCE WITH MANUFACTURER GUIDELINES. DUCTS CONSTRUCTION SHALL BE USING G-60 OR BETTER GALVANIZED STEEL (ASTM A577) LEFT HANDSIDE TREATMENT. LONGITUDINAL SEAMS SHALL BE PITTSBURGH LOCK L-1 SEALED WITH DUCT SEALANT 3M #800 OR APPROVED EQUAL TRANSVERSE JOINTS SHALL BE AS PER SMACNA STANDARDS, GAUGES AND REINFORCEMENT SHALL BE FOR THE OPERATING PRESSURES OR FOR 2" W.G. NEG. OR POS. WHICHEVER IS HIGHER. CROSS BREAK ALL RECTANGULAR DUCTS LARGER THAN 12" IN. LARGER DIMENSION, FOR STIFFENING ACCESS DOORS SHALL BE PROVIDED FOR SERVICE OF DAMPERS OR OTHER EQUIPMENT.
- WHERE SPACE CONDITIONS PERMIT, ROUND ELBOWS WITH A THROAT RADIUS NOT LESS THAN THE WIDTH OF THE DUCT IN THE PLANE OF THE TURN SHALL BE USED. WHERE SQUARE ELBOWS MIGHT BE REQUIRED SHALL BE FITTED WITH DOUBLE BLADE TURNING VANES.
- PROVIDE ALL NECESSARY OFFSETS AND TRANSFORMATIONS REQUIRED IN THE SHEET METAL WORK TO AVOID INTERFERENCE WITH THE BUILDING CONSTRUCTION OR EQUIPMENT. NO PIPE, ELECTRICAL CONDUIT, OR STRUCTURAL MEMBER SHALL PASS THROUGH ANY DUCT.
- INSULATION SHALL BE APPLIED TO ALL SUPPLY AND RETURN AIR CONDITIONING DUCTWORK. THE INSULATION SHALL BE FLEXIBLE FIBERGLASS, 1" THICKNESS, 3/4 PCF WITH FACTORY APPLIED ALUMINUM FOIL-REINFORCED KRAFT WITH A COMBINED RATING OF 25/50 FLAME SPREAD AND SMOKE DEVELOPMENT. INSULATION SHALL BE ADHERED TO DUCT WITH 4" STRIPS OF BONDING ADHESIVE AT 8" O.C. ON TRANSVERSAL AND LONGITUDINAL JOINTS. JOINTS SHALL BE SEALED WITH 3" WIDE STRIPS OF BENJAMIN FOSTER 30-35. ALL DUCTS SHALL BE PROPERLY SEALED TO PREVENT BALLOONING OF INSULATION. ALL DUCTS EXPOSED TO WEATHER SHALL BE INSULATED WITH FLEXIBLE FORMED PLASTICSHEET (ARMAFLEX) MATERIAL, 3/4" THICK. APPLY A THIN COAT OF ADHESIVE (ARMSTRONG #520) TO BOTH SURFACES TO BE JOINED. ALL LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE JOINED WITH ADHESIVE AND ADJACENT SHEETS OF INSULATION SHALL BE COMPRESSION FIT IN PLACE. TREAT ENTIRE INSULATION SURFACE WITH TWO COATS OF ARMAFLEX FINISH TO PROTECT AGAINST WEATHER.
- DUCTS SHALL BE SECURELY AND RIGIDLY ANCHORED AND SUPPORTED FROM THE BUILDING STRUCTURE BY MEANS OF THREADED HANGER RODS AND STEEL ANGLES HANGERS AT EVERY TRANSVERSE JOINT, BUT NOT MORE THAN 4 FEET APART. HANGER RODS SHALL BE SIZED FOR THE WEIGHT CARRIED, THREADED AT BOTH ENDS AND EQUIPPED WITH NUTS AND WASHERS. RODS SHALL PIERCE THE ANGLES USED AS BOTTOM SUPPORTS. ALL HANGERS SHALL BE CROSS-BRACED WHERE NEEDED TO PROVIDE RIGID SUPPORT.
- PROVIDE SMOKE DETECTOR TO BE INTERLOCKED WITH AHU'S IN ORDER TO STOP THE UNIT IF SMOKE IS SENSED. SMOKE DETECTOR SHALL BE PHOTOELECTRIC UL & FM APPROVED. UNIT TO BE INSTALLED AS PER MANUFACTURER RECOMMENDATIONS AS REQUIRED BY THE FIRE MARSHALL.
- THE AIR CONDITIONING SYSTEM SHALL BE TESTED AND BALANCED BY A CERTIFIED TEST AND BALANCE ENGINEER.
- ALL MECHANICAL SYSTEM SHALL BE PROPERLY RESTRAINED AGAINST SEISMIC EFFECTS. CONTRACTOR SHALL COORDINATE WITH A MANUFACTURER OF VIBRATION ISOLATION AND SEISMIC RESTRAIN PRODUCTS FOR THE PROPER EQUIPMENT AND/OR ACCESSORIES TO BE USED FOR THE PROTECTION AGAINST SEISMIC EFFECTS FOR THE MECHANICAL SYSTEMS IN ACCORDANCE WITH LOCAL CODES. ALL THESE SHALL BE BASED ON THE SYSTEMS TO BE INSTALLED.
- ALL EXTERIOR DUCTWORK SHALL BE INSULATED WITH 3/4" FLEXIBLE FORMED PLASTIC SHEET, ARMAFLEX APPLY ADHESIVE TO SURFACES TO BE JOINED; FINISH WITH A BACK COAT OF FOSTER SAFETEE MASTIC AND EMBED A WITH GLASS CLOTH AND ANOTHER COAT OF MASTIC
- ALL DUCTS PASSING THROUGH FIRE RATED WALLS SHALL BE PROVIDED WITH DYNAMIC DAMPERS. UNITS SHALL BE 1 1/2"H/R RATED, CLASSIFIED TO MEET UL 555 STANDARD LATES EDITION; GALVANIZED STEEL CONSTRUCTION RUSKIN CURTAIN STYLE 1BD SINGLE OR MULTI-SECTION; USE STYLE C FOR RECTANGULAR DUCTS.
- ALL AIR CONDITIONING WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 90A, PUERTO RICO CONSERVATION CODE, AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INSTITUTE, CONTRACT DOCUMENTS AND THE REQUIREMENTS OF THE INSURANCE UNDERWRITERS.
- CONTRACTOR SHALL FURNISH AND INSTALL PIPING VALVES, SENSORS, CONTROL SYSTEMS AND ANY OTHER ITEM NOT INDICATED NOR SPECIFIED BUT REQUIRED AND/OR RECOMMENDED FOR THE FUNCTIONING AND OPERATION OF THE SYSTEM.
- CONTRACTOR SHALL ADJUST FANS TO THE REQUIRED CFM. CHANGE PULLEYS, BELTS AND/OR MOTORS AS REQUIRED TO MEET AIR QUANTITIES.
- THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE DUCT AND PIPING ARRANGEMENTS AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
- ALL EQUIPMENT AND MATERIAL SHALL BE INSTALLED WITH THE APPROVAL OF THE OWNER IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
- CONTRACTOR SHALL LOCATE IN FULLY ACCESSIBLE POSITIONS ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED.
- ALL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL BE NEW, UNLESS OTHERWISE INDICATED.
- IN CASE OF DISCREPANCY BETWEEN THE EQUIPMENT SPECIFIED AND THE EQUIPMENT SUPPLIED, THE CONTRACTOR SHALL ARRANGE FOR THE PROPER INSTALLATION OF THE EQUIPMENT.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE THE ROOF PENETRATION WORK WITH THE GENERAL CONTRACTOR IN ORDER TO ENSURE THE INTEGRITY OF THE ROOF AND MAINTAIN ITS WARRANTY.
- ALL DUCT AND PIPE PENETRATION THRU WALLS OR FLOORS SHALL BE SEALED WITH SUITABLE UL LISTED SYSTEM.
- FOAMED PLASTIC TUBING INSULATION SHALL BE COVERED WITH GLASS FABRIC EMBEDDED BETWEEN TWO 1/16" COATS OF VAPOR BARRIER MASTIC IN ORDER TO MEET NFPA REQUIREMENTS.
- AFTER COMPLETION OF THE INSTALLATION THE CONTRACTOR SHALL MAKE ALL NECESSARY TESTS, ADJUSTMENTS, AND BALANCE THE SYSTEM TO PROVIDE UNIFORM COOLING THROUGHOUT. APPARATUS SHALL PERFORM SATISFACTORILY AND TEST NECESSARY TO SHOW IT IS CAPABLE OF MEETING SPECIFIED CONDITIONS.FURNISH ALL LABOR AND INSTRUMENTS FOR TESTS AND ADJUSTMENTS. AS PART OF THIS CONTRACT THE CONTRACTOR SHALL MAKE ANY CHANGES IN THE PULLEYS, BELTS AND DAMPERS OR THE ADDITION OF DAMPERS CORRECT BALANCE AS RECOMMENDED BY BALANCING CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTORS SHALL INSTALL AN ADEQUATE FLASHING AT ALL DUCTS PENETRATIONS THRU WALLS AND ROOF TO PREVENT MOISTURE OR WATER LEAKAGE, AND SHALL INSULATE, AS REQUIRED, ANY DUCTWORK EXPOSED IN THE CONDITIONED SPACE IN ORDER TO PREVENT CONDENSATION OR SWEATING OF THE DUCT.
- 1 INCH ACOUSTICAL LINER SHALL BE INSTALLED IN THE FIRST 15 FEET OF ALL DUCTWORK ENTERING OR LEAVING THE EQUIPMENT, AS MINIMUM.DUCT LINER MAY BE REDUCED TO 10 FEET IF TWO 90 DEG ELBS OCCUR WITHIN THE FIRST 15 FEET.
- THE DISPOSABLE HVAC FILTERS ARE TO BE CHANGED JUST PRIOR TO THE OPENING.

- ALL CONDENSATE DRAIN PIPE SHALL BE INSULATED WITH 1" ISOCYANURATE (POLYURETHANE) AND COVERED WITH FLAME RETARDANT FOIL – KRAFT PAPER LAMINATED JACKET WITH THE WHITE PAPER SIDE OUT WITH COMBINED RATING OF 25/50 FLAME SPREAD AND SMOKE DEVELOPMENT. ALL JOINTS IN JACKET SHALL BE VAPOR SEALED WITH WHITE VAPOR BARRIER LAP ADHESIVE FOSTER DRION CONTACT BOND CEMENT 85-75. END JOINTS SHALL BE SEALED WITH VAPOR BARRIER STRIPS OR TAPE.
- ALL REFRIGERANT LINES SHALL BE INSULATED WITH 3/4" NOMINAL THICKNESS FOAMED PLASTIC CLOSED-CELL (K=0.27), SEALED WITH AN ADEQUATE ADHESIVE. INSULATION SHALL BE ARMSTRONG'S ARMAFLEX OR APPROVED SIMILAR, INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS.
- ALL CASSETTES AND FAN COILS UNITS SHALL BE SECURELY AND RIGIDLY ANCHORED AND SUPPORTED FROM THE BUILDING STRUCTURE BY MEANS OF THREADED HANGER RODS AND STEEL ANGLES HANGERS. HANGER RODS SHALL BE SIZED FOR THE WEIGHT CARRIED, THREADED AT BOTH ENDS AND EQUIPPED WITH NUTS AND WASHERS. RODS SHALL PIERCE THE ANGLES USED AS BOTTOM SUPPORTS. ALL HANGERS SHALL BE CROSS-BRACED WHERE NEEDED TO PROVIDE RIGID SUPPORT. ANY ADDITIONAL STRUCTURAL MEMBERS REQUIRED TO SUPPORT THE CASSETTES AND FAN COIL UNITS SHALL BE PROVIDED, FIELD COORDINATED AND SIZED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- IT IS CONTRACTOR RESPONSIBILITY TO VALIDATE WITH THE HVAC EQUIPMENT SUPPLIER THE REFRIGERANT LINE SIZES AND ADJUST ACCORDINGLY.
- FINAL LOCATION OF DIFFUSERS AND GRILLES SHALL BE FIELD COORDINATED WITH THE EXISTING REFLECTED CEILING GRID.
- STATIC PRESSURE CONNECTIONS LOCATIONS ARE PROPOSED, CONTRACTOR SHALL VERIFY WITH AIR DEVICES EQUIPMENT (THERMAFUSER) SUPPLIER/MANUFACTURER IF THIS LOCATION ARE APPROPRIATE FOR PROPER EQUIPMENT OPERATION
- CONTRACTOR SHALL PROVIDE AND PROPERLY INSTALL A CONDENSATE OVERFLOW SWITCH SIMILAR TO RECTOR SEAL MODEL SS1 IMMEDIATELY AT CONDENSATE PAN DRAIN. THIS SWITCH SHALL BE INTERLOCKED WITH AHU UNIT OPERATION SO THE UNIT SHALL TURN OFF IN THE EVENT THAT THE PRIMARY DRAIN IS BLOCKED.

ADDITIONAL NOTES:

- EXISTING FINISHES DISTURBED BECAUSE OF WORK UNDER THIS CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AFTER WORK IS PERFORMED.
- ALL EXISTING EQUIPMENT AND MATERIALS BEING DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER.
- IT IS THE INTENT OF CONTRACT DRAWINGS TO CALL FOR A COMPLETE, TESTED AND OPERATIONAL SYSTEM. ANY MINOR DETAILS NOT SHOWN BUT REQUIRED FOR THE PROPER OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL NOTIFY THE OWNER IN ADVANCE OF ANY IMPAIRMENT TO THE BUILDING FUNCTIONS RESULTING FROM THE WORK UNDER THIS CONTRACT
- THE BIDDERS SHALL VISIT THE JOB SITE AND GET ACQUAINTED WITH THE CONDITIONS AND CONSTRAINTS UNDER WHICH WORK IS TO BE PERFORMED. SUBMISSION OF BID SHALL BE CONSTRUED AS EVIDENCE THAT THE VISIT TOOK PLACE AND CONDITIONS WERE VERIFIED.
- ROOF OPENINGS, WALL OPENINGS, SUPPORTS, SPACE ARRANGEMENTS, FLOOR PADS, ANCHORING, CONNECTIONS AND ELECTRICAL PROVISIONS ARE BASED ON PRELIMINARY INFORMATION FROM THE SPECIFIED MANUFACTURER OR VENDOR. THE CONTRACTOR SHALL VERIFY ALL THE ABOVE USING VENDOR CERTIFIED DRAWINGS OF THE EQUIPMENT TO BE INSTALLED AND MAKE MODIFICATIONS REQUIRED WITH THE APPROVAL OF THE OWNER AND THE ENGINEER.
- PROVIDE SLEEVES ON ALL PENETRATIONS THRU WALLS, FLOOR SLABS, WALL FOOTINGS AND ROOFS. SEAL ALL PENETRATIONS WITH SUITABLE SEALANT UNLESS OTHERWISE INDICATED.
- MAKE PROVISIONS TO PREVENT CORROSION RESULTING FROM CONTACT BETWEEN DISSIMILAR METALS.
- ALL IN-LINE ITEMS SHALL BE THE SAME SIZE AS THE LINE SIZE UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS STEEL REQUIRED FOR THE PROPER SUPPORT OF DUCTS, EQUIPMENT AND PIPES UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES INVOLVED.

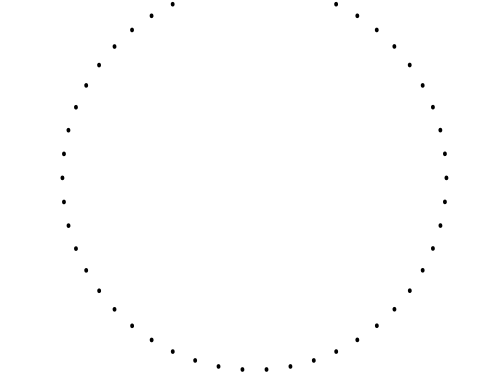


INTEGRA DESIGN GROUP PSC
(787) 767.2111 www.integrapp.com

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTEL, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL, QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES AFICABLES DE LOS REGLAMENTOS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 34 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTO RIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA, LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA, RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCUIDO 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 DGE.

Stamp:



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

HVAC SCHEDULES

SET ISSUE DATE

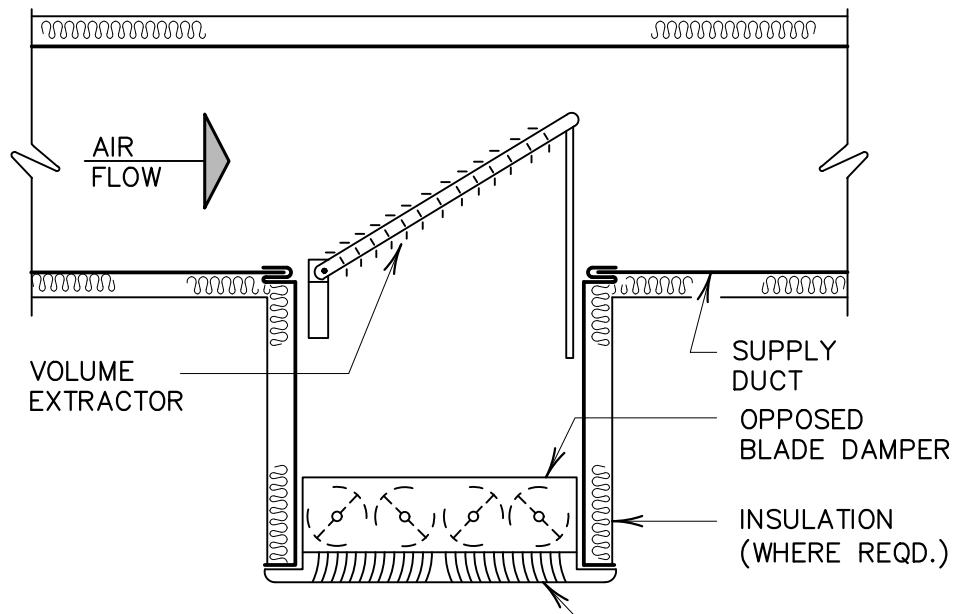
► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

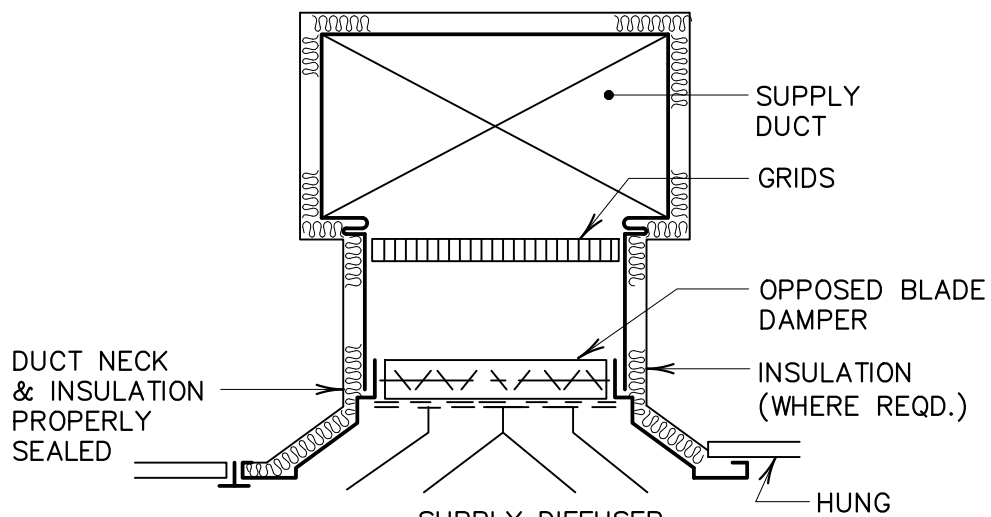
OGPe OFFICE - 3RD FLOOR

Sheet:

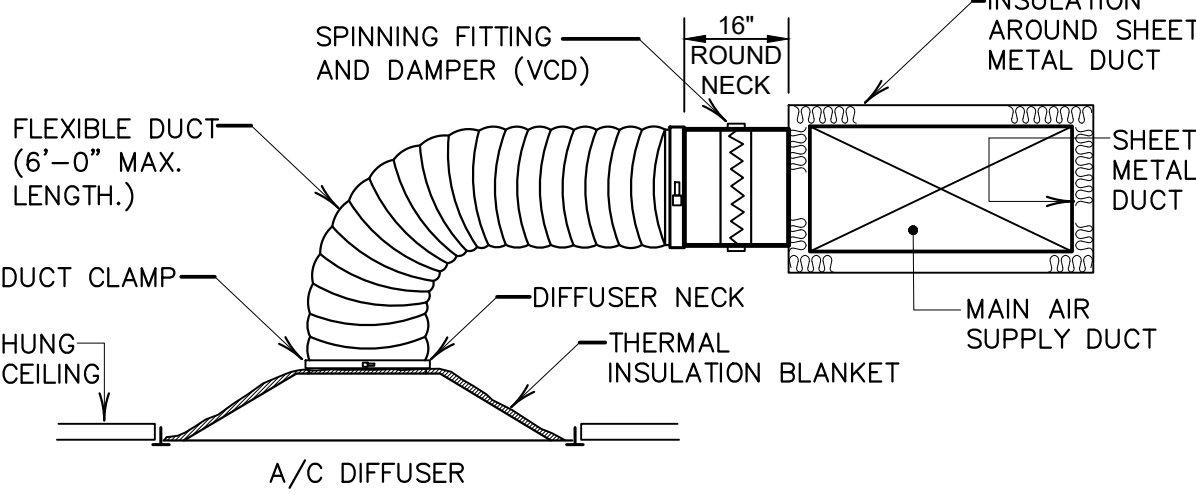
AC-300



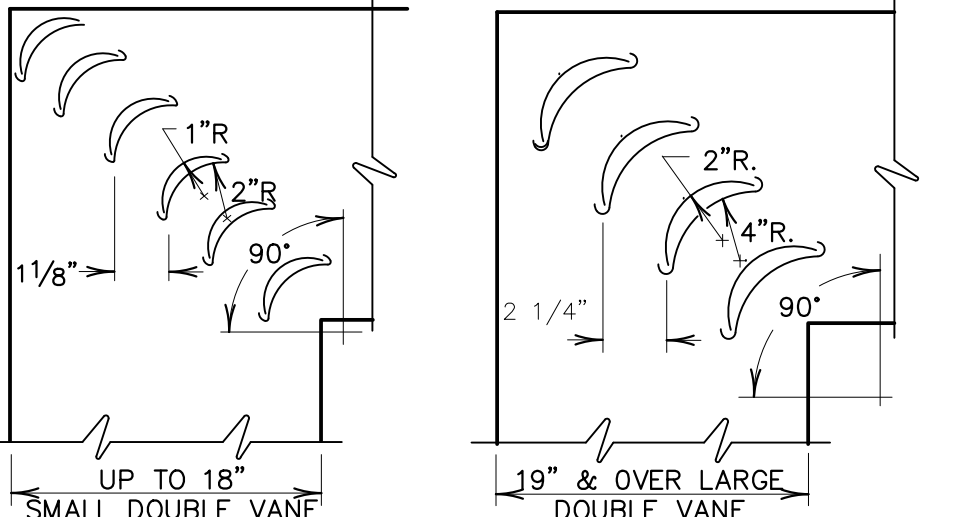
**TYPICAL SUPPLY REGISTER
INSTALLATION DETAIL**
NOT TO SCALE



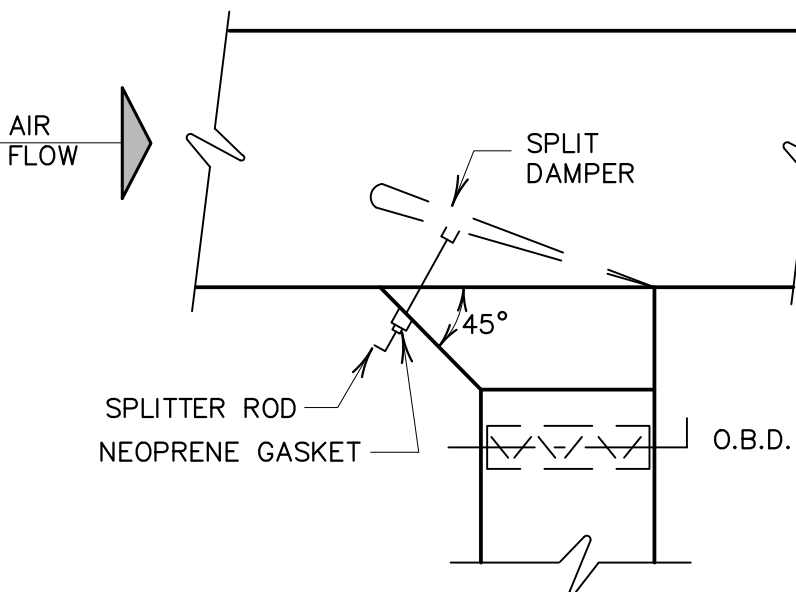
**TYPICAL SUPPLY DIFFUSER
INSTALLATION DETAIL**
NOT TO SCALE



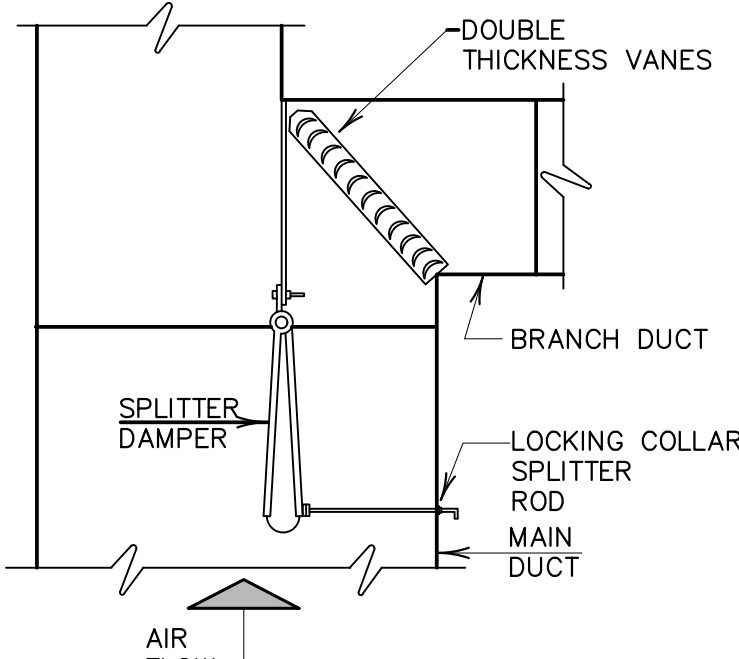
**CEILING DIFFUSER AND FLEXIBLE DUCT
INSTALLATION DETAIL**
NOT TO SCALE



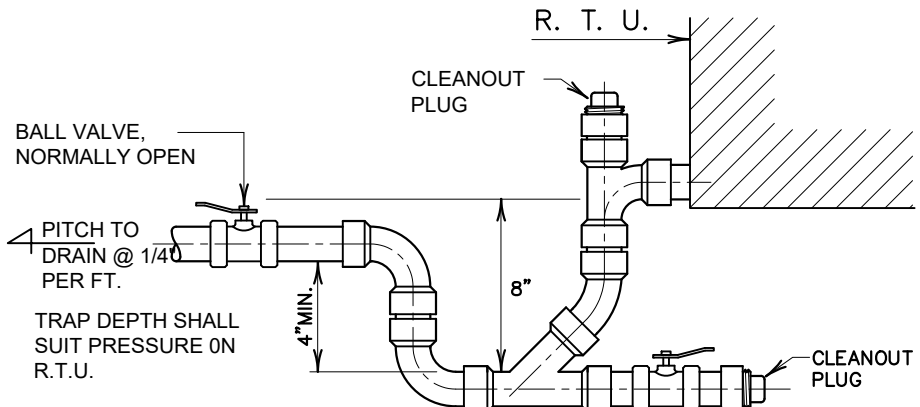
SQUARE ELBOW DETAIL
NOT TO SCALE



TYPICAL BRANCH TAKE-OFFS DETAIL
NOT TO SCALE

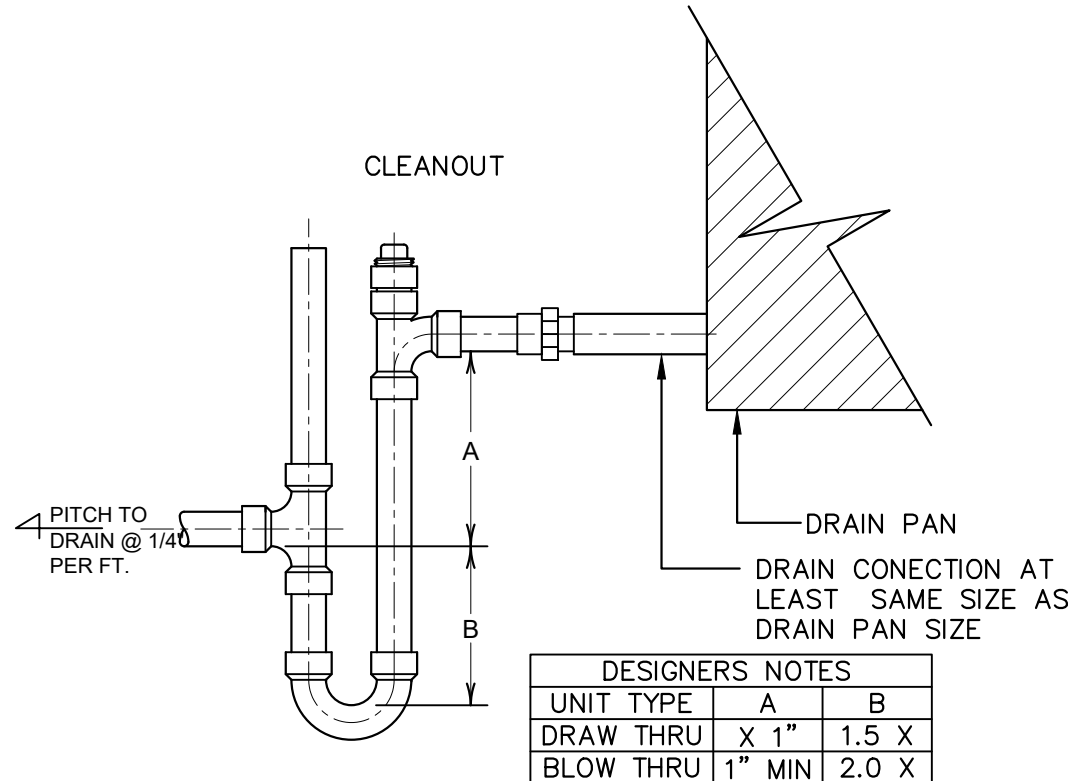


**RECTANGULAR DUCT BRANCH
CONNECTION DETAIL**
NOT TO SCALE

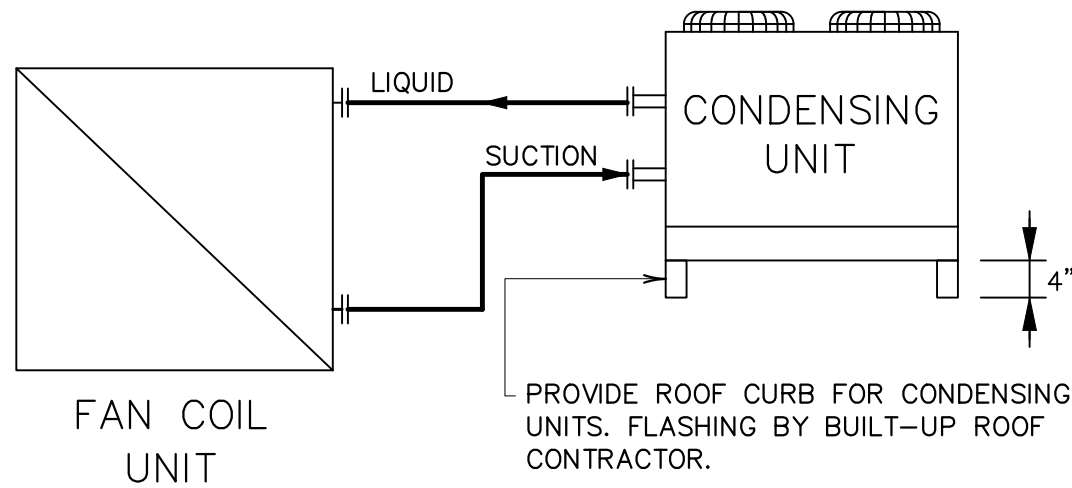


- NOTES:
- 1- INSULATE DRAIN LINE AS PER CHILLED WATER LINES
 - 2- DRAIN LINE SHALL BE PVC SCH. 40-1 1/4" Ø MIN
 - 3- VALVES FOR COIL MAINTENANCE PURPOSE ONLY.

AIR HANDLING UNIT DRAIN DETAIL
NOT TO SCALE

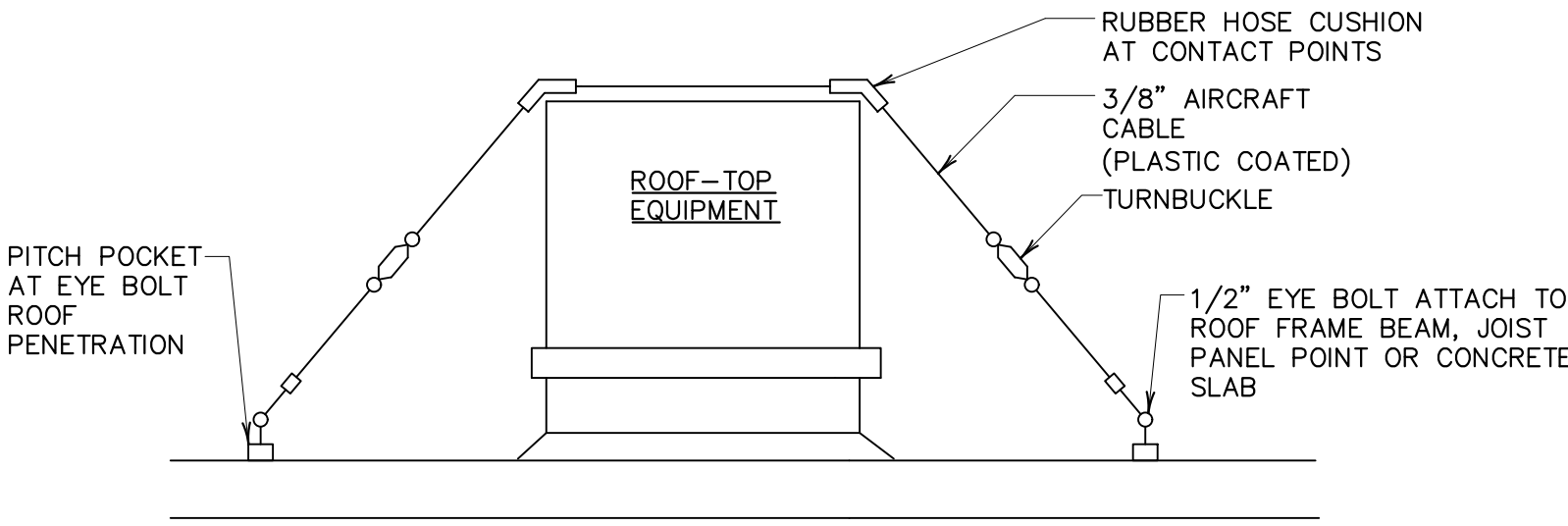


CASSETTES UNIT TRAP DETAIL
NOT TO SCALE

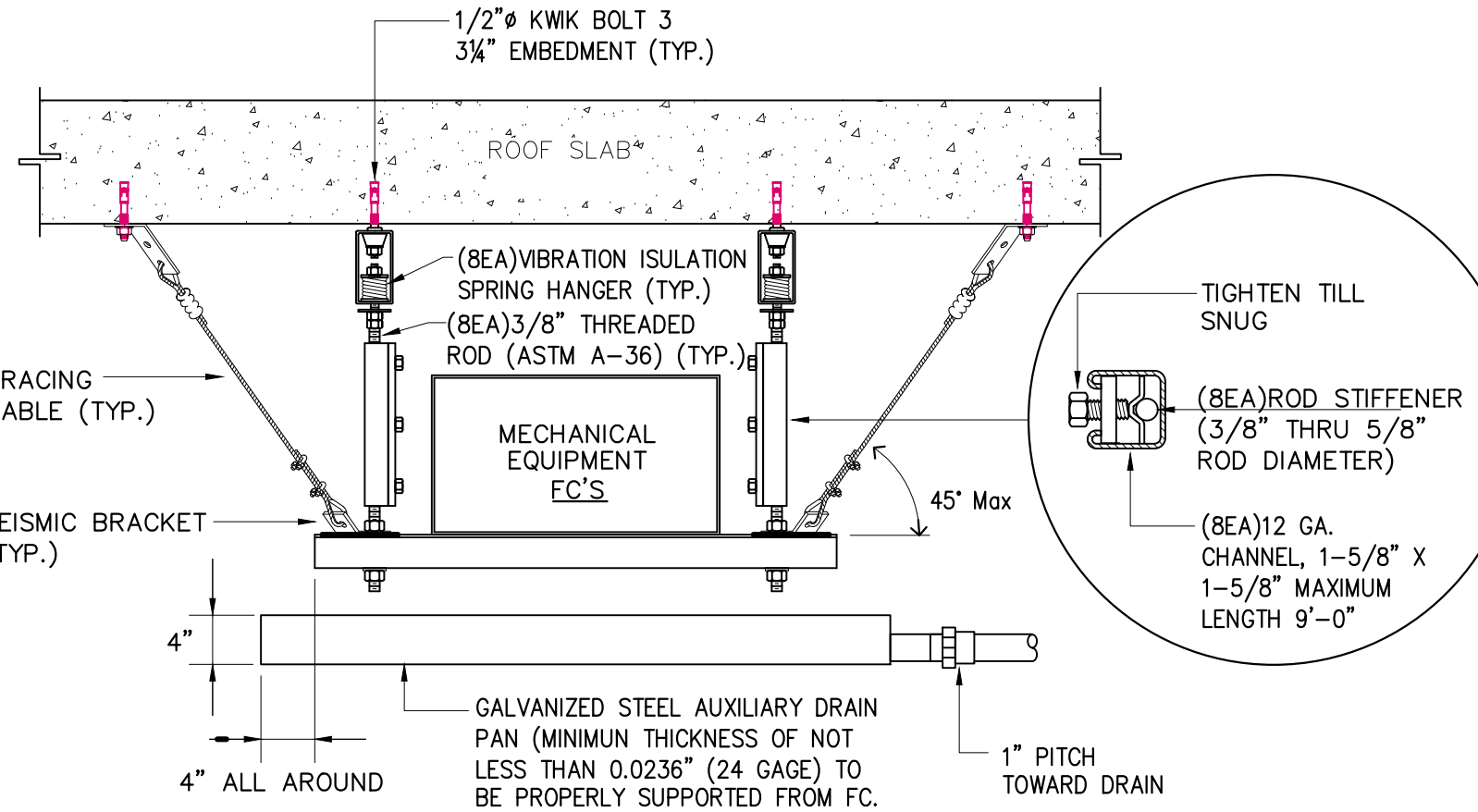


- NOTES:
1. REFRIGERANT LINES SHALL BE COPPER TYPE "L" HARD DRAWN.
 2. SUCTION LINE INSULATION SHALL BE 1" THICK ARMAFLEX WITH ALUMINUM JACKET ON EXPOSED TO WEATHER SECTIONS.
 3. PROVIDE AND INSTALL PROPERLY HOLD DOWN CABLES (REFER TO DETAIL)

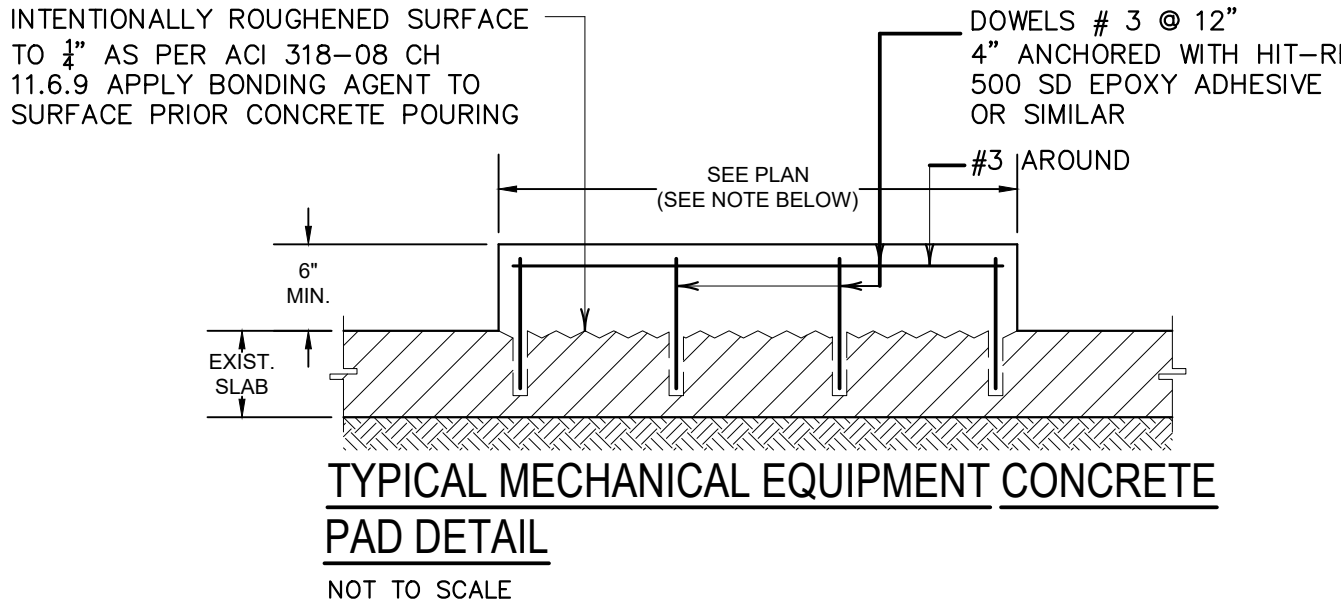
REFRIGERANT PIPE HOOK-UP DETAIL
NOT TO SCALE



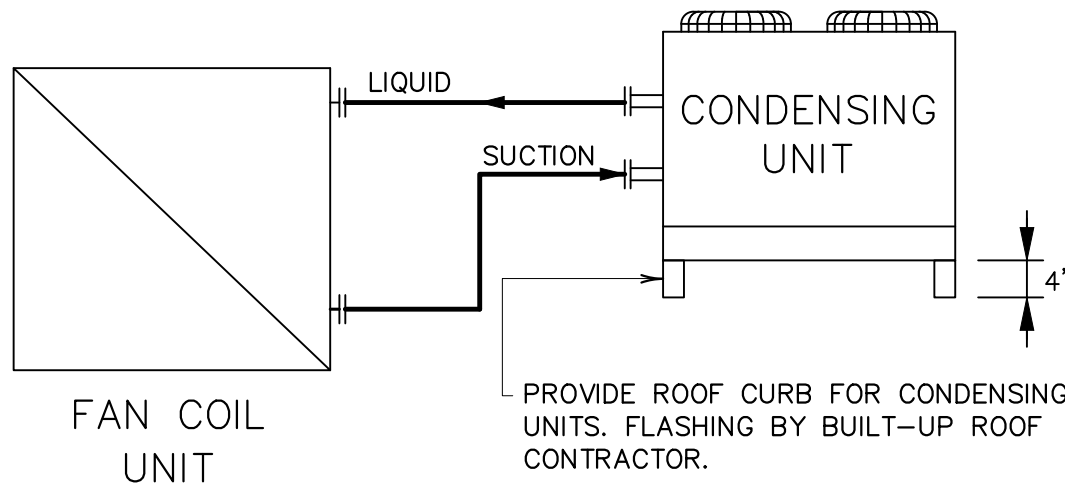
TYPICAL EQUIPMENT AND DUCTWORK TIE-DOWN DETAIL
NOT TO SCALE



FC'S SUPPORT INSTALLATION DETAIL
NOT TO SCALE

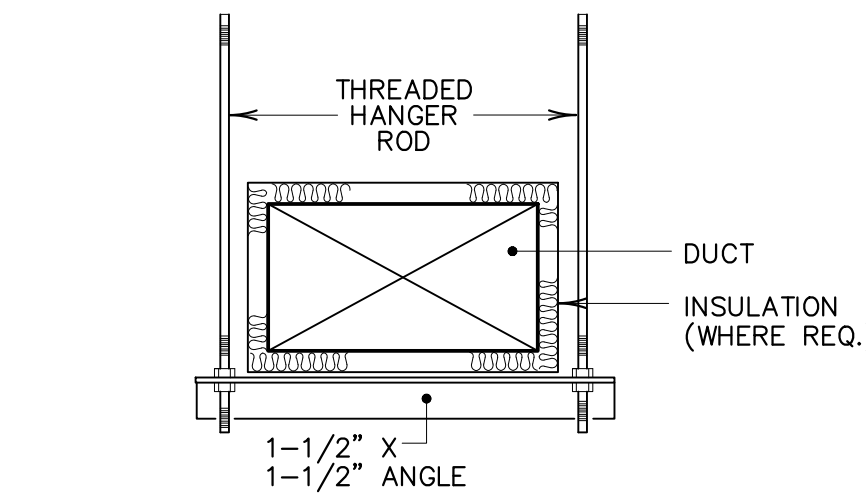


- NOTE:
1. ALL MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE RAISED ON A HOUSEKEEPING CONCRETE PAD. FINAL LOCATION INCLUDING ANCHOR BOLTS SIZE AND INSTALLATION LAYOUT SHALL BE AS PER FINAL VENDOR DRAWINGS SPECIFICATIONS AND/OR CERTIFIED SHOP DRAWINGS FOR SUCH EQUIPMENT.
 2. NEW PADS ON EXISTING PROCESS ROOMS SHALL BE FINISHED WITH ACID RESISTANT TILES SIMILAR TO EXISTING.
 3. EXISTING SLAB THICKNESS SHALL BE MEASURED PRIOR PERFORMING REBAR ANCHORING. NOTIFY DESIGNER THIS DIMENSION.

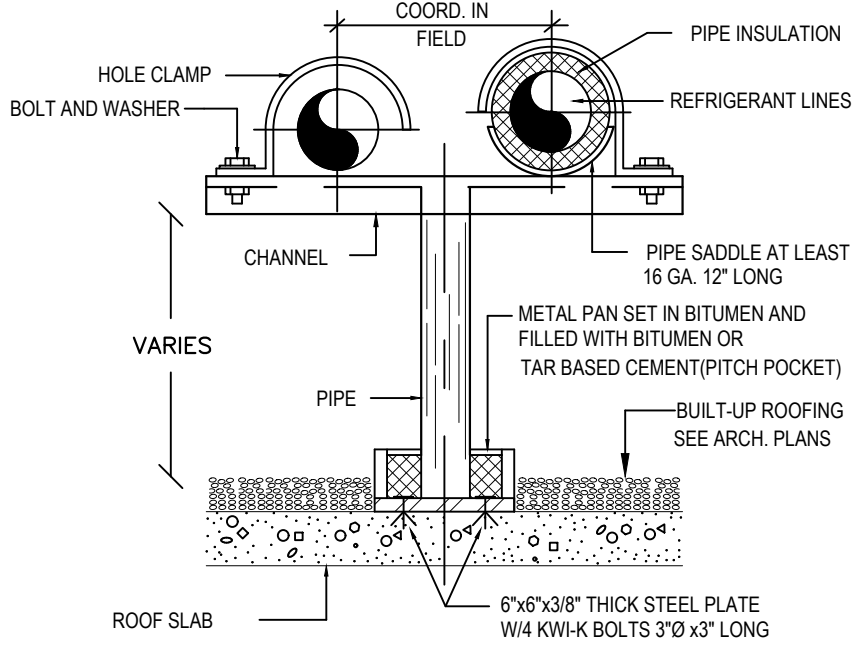


- NOTES:
1. REFRIGERANT LINES SHALL BE COPPER TYPE "L" HARD DRAWN.
 2. SUCTION LINE INSULATION SHALL BE 1" THICK ARMAFLEX WITH ALUMINUM JACKET ON EXPOSED TO WEATHER SECTIONS.
 3. PROVIDE AND INSTALL PROPERLY HOLD DOWN CABLES (REFER TO DETAIL)

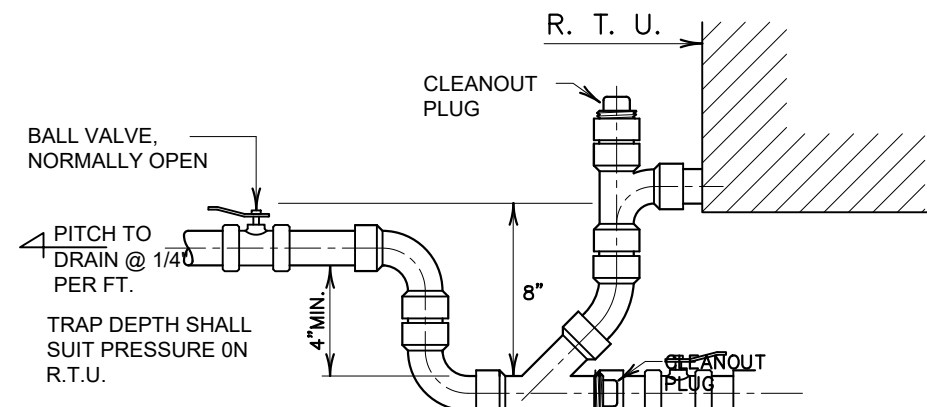
REFRIGERANT PIPE HOOK-UP DETAIL
NOT TO SCALE



**TYPICAL DUCT HANGER DETAIL ALL
RECTANGULAR DUCT (FOR HORIZONTAL)**
NOT TO SCALE

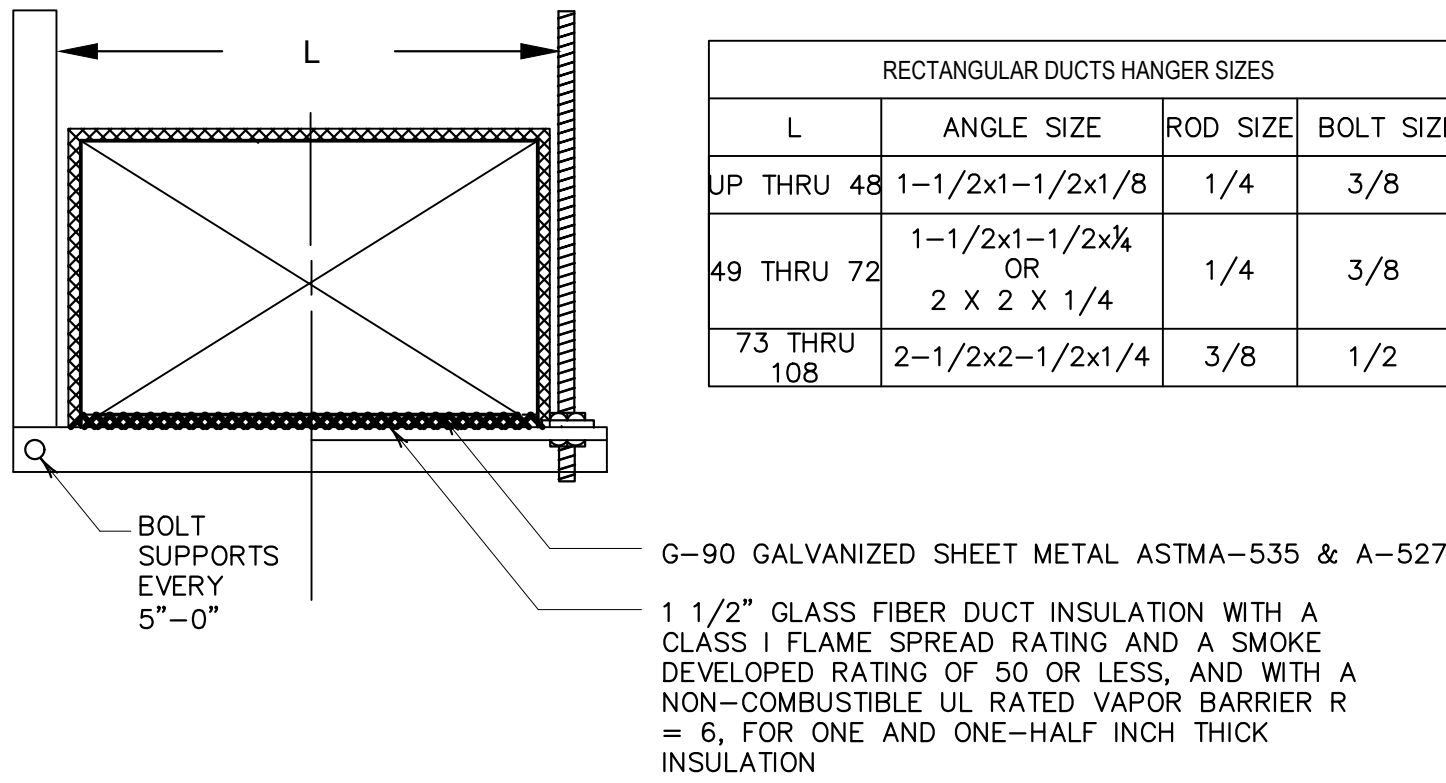


TYPICAL PIPE SUPPORT DETAIL
NOT TO SCALE



- NOTES:
- 1- INSULATE DRAIN LINE AS PER CHILLED WATER LINES
 - 2- DRAIN LINE SHALL BE PVC SCH. 40-1 1/4" Ø MIN
 - 3- VALVES FOR COIL MAINTENANCE PURPOSE ONLY.

AIR HANDLING UNIT DRAIN DETAIL
NOT TO SCALE



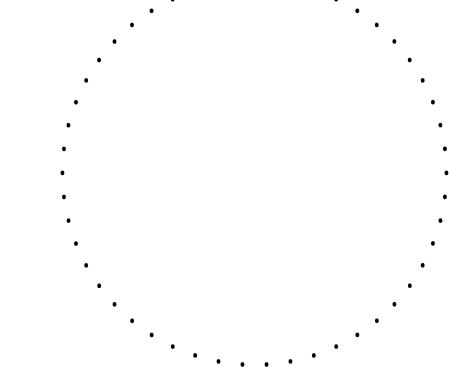
SHEET METAL DUCT SUPPORT DETAIL
NOT TO SCALE

RECTANGULAR DUCTS HANGER SIZES			
L	ANGLE SIZE	ROD SIZE	BOLT SIZE
UP THRU 48	1-1/2x1-1/2x1/8	1/4	3/8
49 THRU 72	1-1/2x1-1/2x1/4 OR 2 X 2 X 1/4	1/4	3/8
73 THRU 108	2-1/2x2-1/2x1/4	3/8	1/2

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTEI, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN CERTIFICO QUE ENTENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN CERTIFICADO, ADemás, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 34 DE 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMIENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMIENDADA. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCUIDO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGP.

Stamp:



DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF
PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client:

DDEC

Project No.: 58-2036.0

Drawing Title:

HVAC DETAILS

SET ISSUE DATE

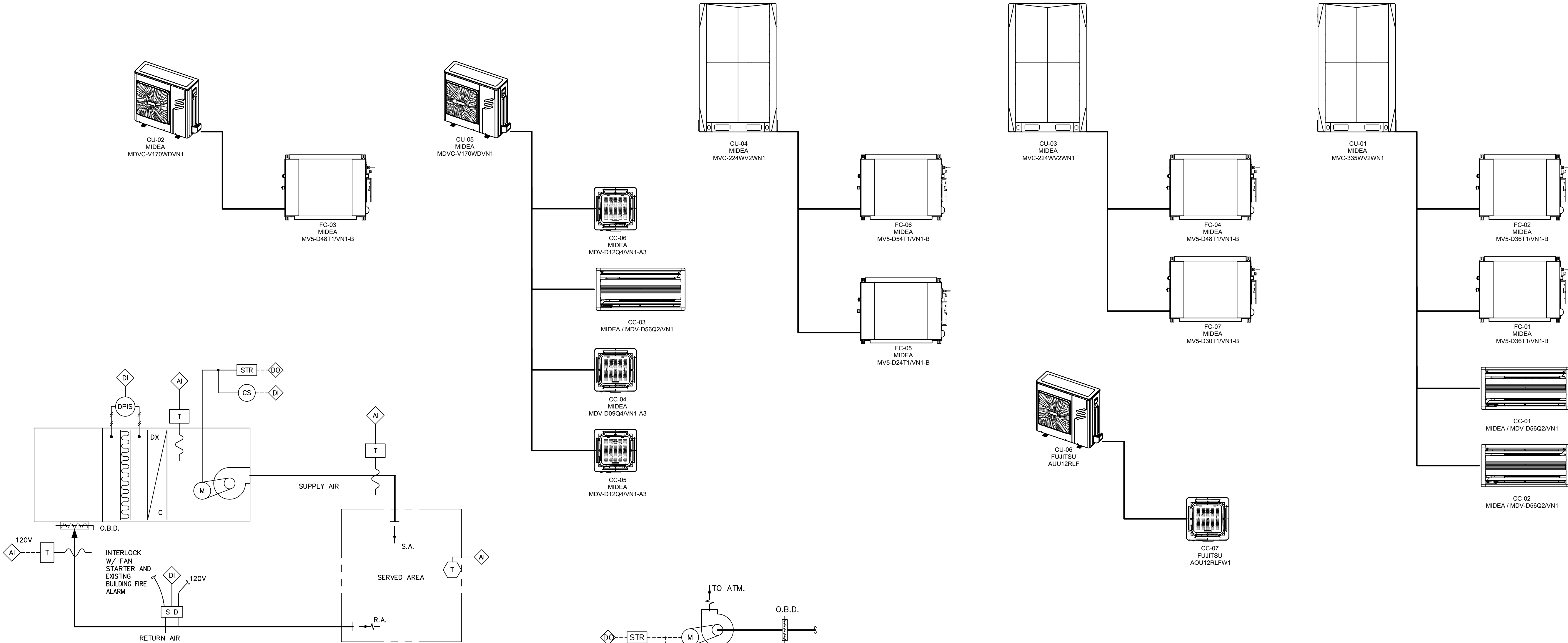
► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

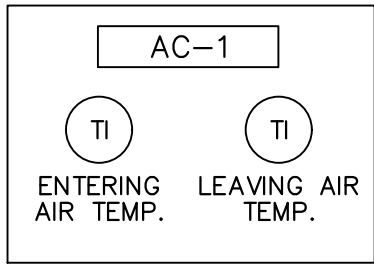
Sheet:

AC-301



CONTROL SCHEMATIC FOR FC'S

EXHAUST FANS CONTROLS SCHEMATIC



MONITORING / DDC CONTROL PANEL

LEGEND

SYMBOL	DESCRIPTION	REMARKS
	SMOKE DETECTOR	SYSTEM SENSOR MOD. DH 400ACDC
	TEMPERATURE SENSOR (AVERAGING)	BY CONTROLS CONTRACTOR
	TEMPERATURE TRANSMITTER (ROOM/WALL)	BY CONTROLS CONTRACTOR
	HUMIDITY SENSOR (ROOM/WALL)	BY CONTROLS CONTRACTOR
	CARBON DIOXIDE TRANSMITTER (ROOM/WALL)	BY CONTROLS CONTRACTOR
	DIFFERENTIAL PRESSURE INDICATOR / SWITCH	BY CONTROLS CONTRACTOR
	CURRENT SENSING RELAY	BY CONTROLS CONTRACTOR
	DIRECT EXPANSION COIL	SEE SCHEDULES
	HOT GAS REHEAT COIL	SEE SCHEDULES

LEGEND

SYMBOL	DESCRIPTION	REMARKS
	OPPOSED BLADE DAMPER	RUSKING MOD. CD-50
	RELAY	EXISTING
	MAGNETIC CONTACTOR	EXISTING
	PRESSURE INDEPENDENCE MODULE	ACUTHERM (BY ELECTRICAL CONTRACTOR)
	DIGITAL INPUT TO CONTROLLER	DDC SYSTEM
	DIGITAL OUTPUT FROM CONTROLLER	
	ANALOG INPUT TO CONTROLLER	
	ANALOG OUTPUT FROM CONTROLLER	
	ELECTRICAL LINE	
	PNEUMATIC LINE	
	MONITORING PANEL MOUNTED	MONITORING PANEL MOUNTED
	N.C.	
	N.O.	
	STARTER	

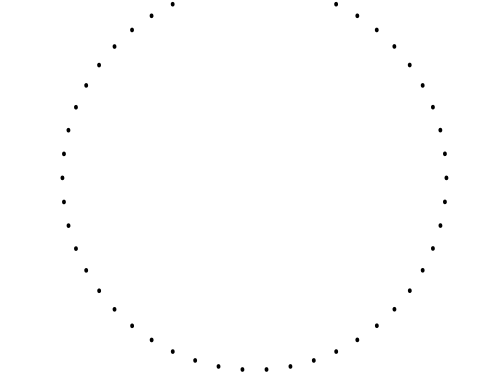
ELECTRICAL REQUIREMENTS FOR AUTOMATIC CONTROL SYSTEM

- ELECTRICAL CONTRACTOR SHALL PROVIDE DEDICATED 120 VOLT CONNECTION FOR CONTROL SYSTEM IN THE FOLLOWING AREAS:
INSIDE MECHANICAL ROOMS OR MECHANICAL CLOSETS
INSIDE PUMP ROOMS
NEAR CHILLER PLANT
NEAR COOLING TOWERS
NEAR CEILING MOUNTED AIR HANDLING UNITS
NEAR CEILING MOUNTED FAN COIL UNITS
NEAR TEMPERATURE OR HUMIDITY TRANSMITTERS
NEAR LOCAL CONTROL MODULES
NEAR GENERAL CONTROL MODULE
NEAR MOTORIZED DAMPERS
NEAR PRESSURE DIFFERENTIAL SWITCH
NEAR SMOKE DETECTORS
NEAR VAV BOXES
NEAR CONTROL VALVES
- CONTROL SYSTEM CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE ELECTRICAL CONNECTION FROM THE JUNCTION PROVIDED TO THE CONTROL EQUIPMENT.

NOTES:

- ALL REFRIGERANT PIPE SIZING SHALL BE FINALLY COORDINATED/ VERIFIED WITH EQUIPMENT VENDOR BASED ON FIELD CONDITIONS PRIOR TO PROCUREMENT AND INSTALLATION.
- CONTROLS WIRING DIAGRAMS SHALL BE PREPARED BY EQUIPMENT VENDOR, AS LONG AS WIRING DEFINITION AND CONTROL CONDUITS.
- CONTROL ARCHITECTURE INCLUDING CENTRALIZED CONTROLLER FOR INDIVIDUAL CONTROL, MONITORING AND SCHEDULING OF THE FAN COIL UNITS SIMILAR TO MD-COM09, WIRE REMOTE CONTROLLERS, SEQUENCE OF OPERATION, OPERATING SCHEDULES AND SAFETY PROVISIONS SHALL BE COORDINATED BY OWNER WITH EQUIPMENT VENDOR.
- INSTALLATION OF MECHANICAL SYSTEMS SHALL BE COORDINATED WITH THE OTHER TRADES.
- ALL MECHANICAL EQUIPMENT SHALL BE PROPERLY HUNG BRACED FROM CEILING STRUCTURE AND ELECTRICALLY SERVED FOLLOWING MANUFACTURER INSTALLATION RECOMMENDATIONS AND THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
- OWNER TO COORDINATE WITH HVAC EQUIPMENT VENDOR THE REQUIRED CONTROLS AND SYSTEM AUTOMATION BASED ON SECURITY, OPERATING SCHEDULE AND ENERGY MANAGEMENT.
- ALL WALL MOUNTED EQUIPMENT SHALL BE PROPERLY SUPPORTED.

Stamp:



DEPARTAMENTO DE DESARROLLO ECONOMICO Y COMERCIO
DDEC



Revisions:

No.	Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

HVAC CONTROLS SCHEMATICS

SET ISSUE DATE

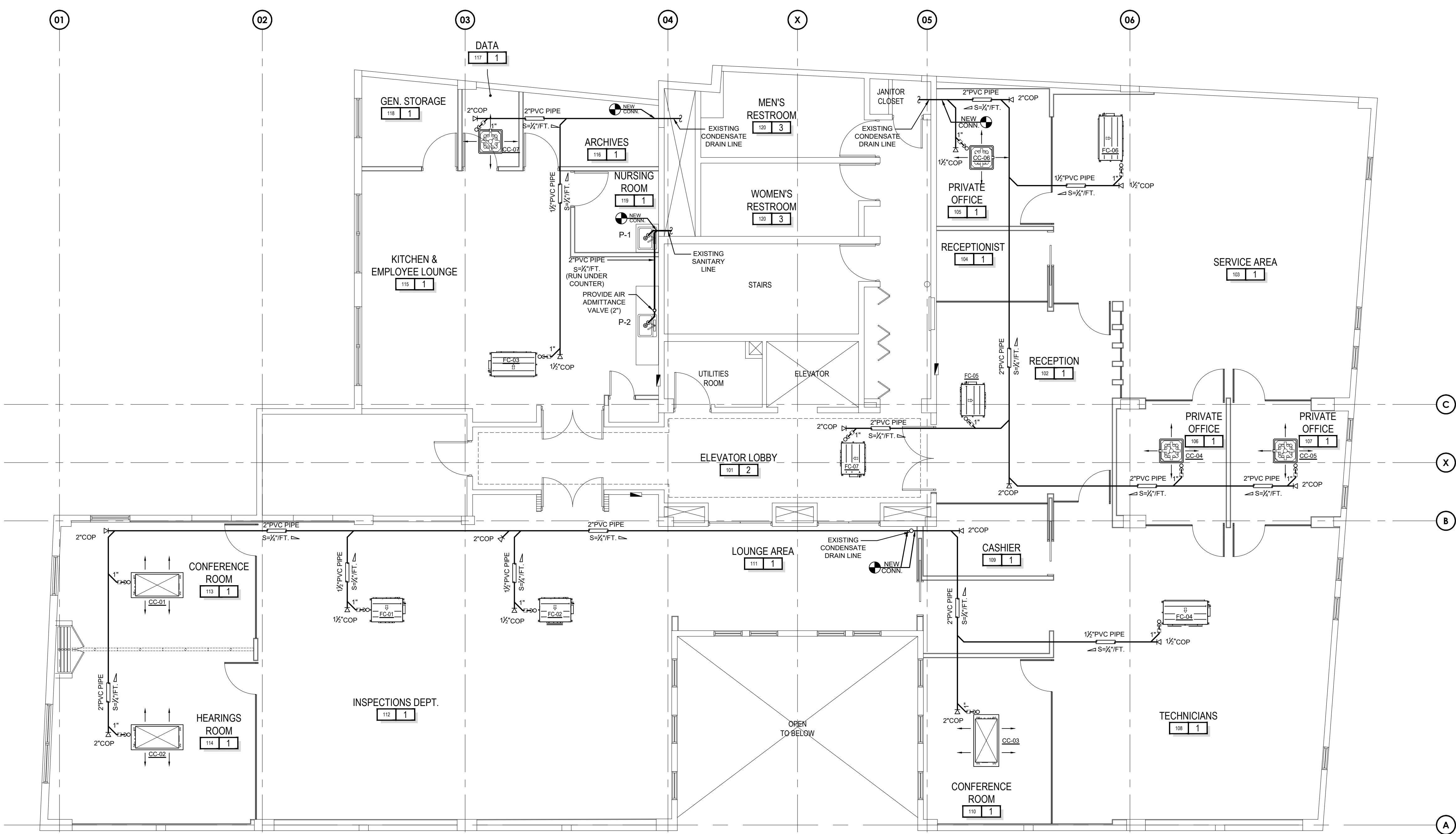
2022.03.18

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

AC-302



PROPOSED PLUMBING PLAN
SCALE: 3/16"=1'-0"

PLUMBING FIXTURE SCHEDULE

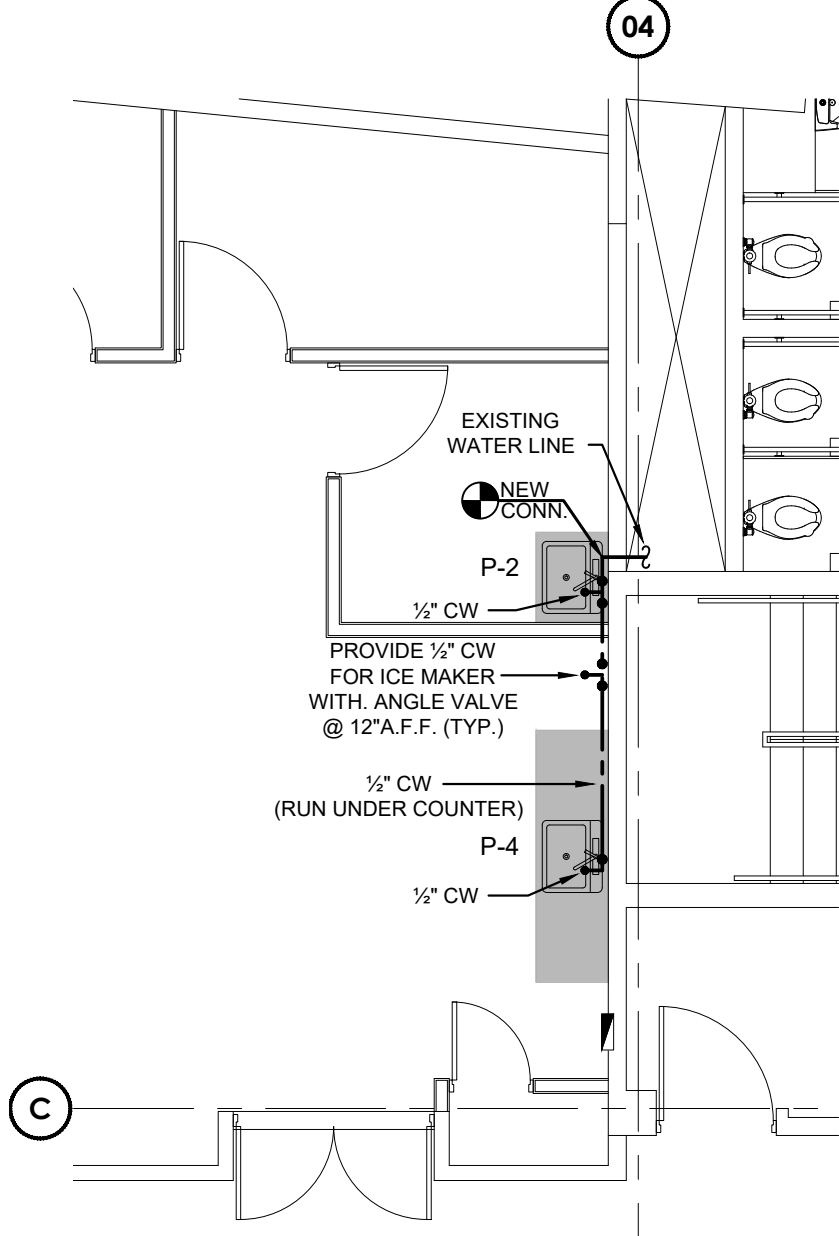
ITEM	FIXTURE	SERVICES			RELATED ACCESSORIES	MANUFACTURER	MODEL	GENERAL REMARKS
		CW	HW	W				
P-1	LAVATORY	1/2"	-	1-1/2"	ANGLE STOP (2EA.)	Mc GUIRE	165	CHROME PLATED, SOLID BRASS ANGLE STOP LOOSE KEY, CHROME PLATED FLEX. RISER-3/8"
P-2	KITCHEN SINK	1/2"	-	1-1/2"	ANGLE STOP (2EA.)	Mc GUIRE	165	CHROME PLATED, SOLID BRASS ANGLE STOP LOOSE KEY, CHROME PLATED FLEX. RISER-3/8"

PLUMBING LEGEND:

- COLD POTABLE WATER LINE
- HOT POTABLE WATER LINE
- SANITARY SEWER LINE
- SANITARY VENTILATION LINE
- P-1 INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

- CW COLD WATER
- HW HOT WATER
- SAN SANITARY
- (TYP.) TYPICAL
- COW CLEAN OUT WALL
- COF CLEAN OUT FLOOR
- COG CLEAN OUT GROUND
- WH WATER HEATER
- FD FLOOR DRAIN
- V VENTILATION
- HB HOSE BIBB
- RL RAIN LEADER
- NTS NOT TO SCALE
- S=X/X" FT. SLOPE PER FEET
- ST STORM

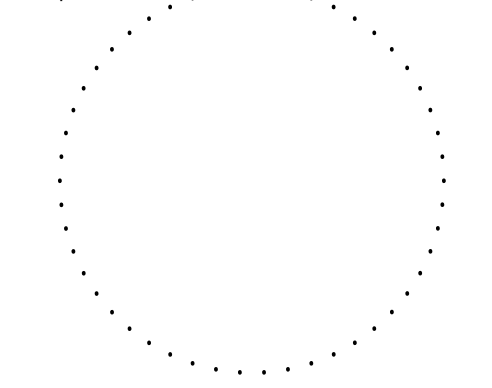


PROPOSED PARTIAL PIPING PLAN
SCALE: 3/16"=1'-0"

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. REPRODUCTION OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ DOTEI, LIC. 17371, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN CERTIFICADO, ADemás, QUE EN LA PREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 34 DE 8 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMIENDADA, LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA DGP.

Stamp:



DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y COMERCIO
DDEC



Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF
PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL
ST., PONCE, PR 00739

Client: DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED PLUMBING PLAN

SET ISSUE DATE

► 2022.03.18 ◀

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

PL-101

OPGE

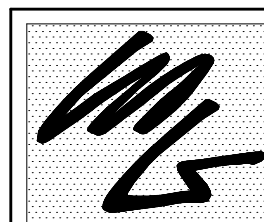
[illegible]

SHEET:

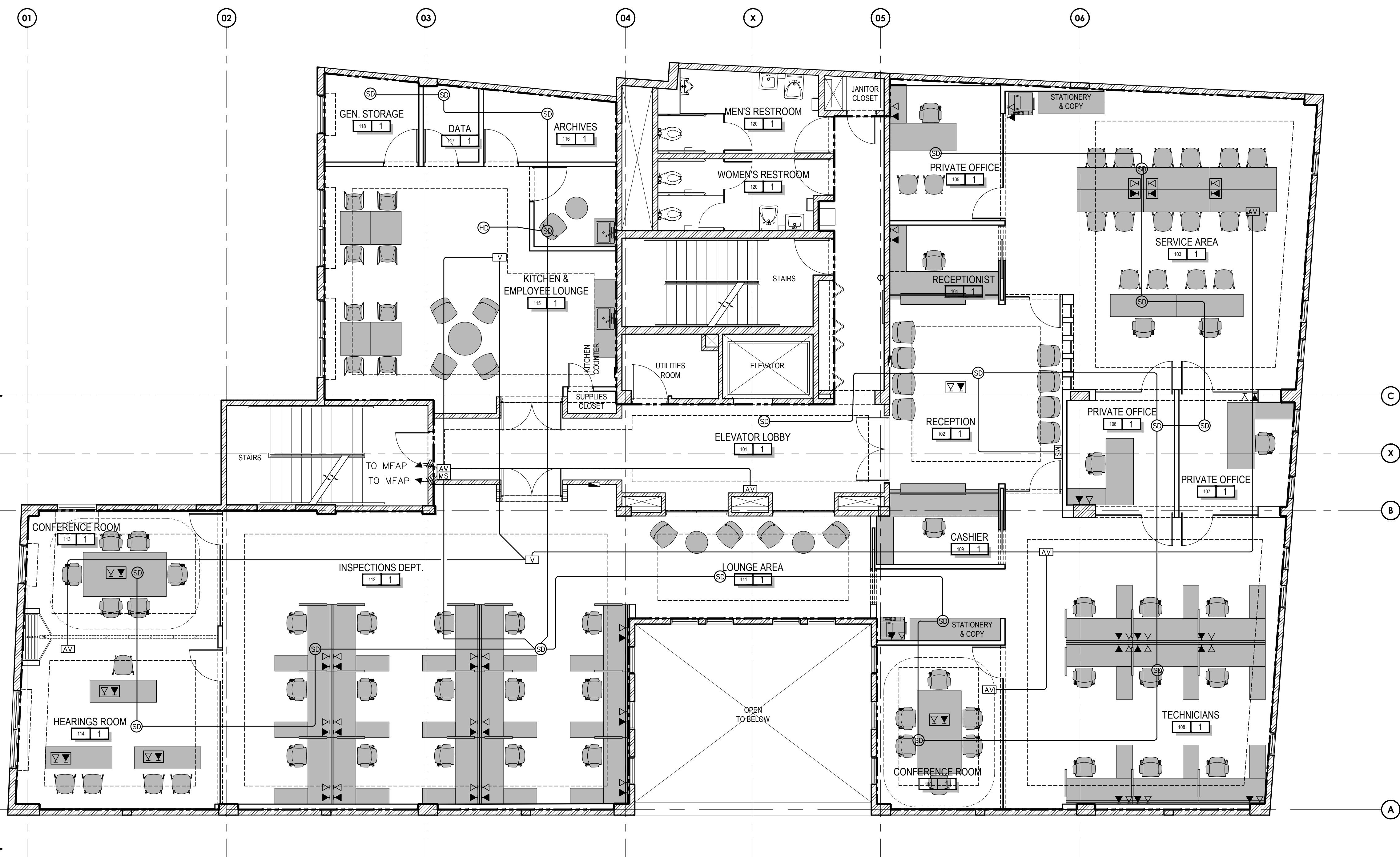
E101



LIGHTING FIXTURE SCHEDULE							
DESIGNATION	DESCRIPTION			LAMPS			
	SYM.	MANUFACTURER	SERIES/MODEL	VOLTS	QTY.	WATTS	TYPE
L1		LITE CONTROL	4L-NG-D-04-SOF-C1-50K9-D100-IC-UNV	120	54	36	4" LINEAR RECESSED MOUNT LED LIGHT FIXTURE
L1E		LITE CONTROL	4L-NG-D-04-SOF-C1-50K9-D100-IC-UNV-EF	120	17	36	SAME AS L1A WITH BATTERY BACK-UP
L2		PRESCOLITE	LF4M-EDM-120 - 4LFWM30L-50K8	120	19	32.7	RECESSED LED DOWN LIGHT
L3		COLUMBIA	LCAT22-50MLG-EDU	120	14	29	RECESSED MOUNT LED LIGHT FIXTURE
L3E		COLUMBIA	LCAT22-50MLG-EDU-ELL14	120	2	29	RECESSED MOUNT LED LIGHT FIXTURE WITH BATTERY BACK-UP
L4		DUAL LITE	EVC-R-W-I-AF	120	2	1.55	LED AT 7'-6 A.F.F.
L5		DUAL LITE	EVE U R W I	120	6	1	EXIT SIGN. THE MATCH MEANS THE DIRECTION
L6		ARCHITECTURAL LIGHTING	1" X 4" PENDANT MOUNT LED LIGHT FIXTURE S4 LD LCB 12FT 90CRI 40K 600LM	120	1	23.5	PENDANT MOUNT LED LIGHT FIXTURE

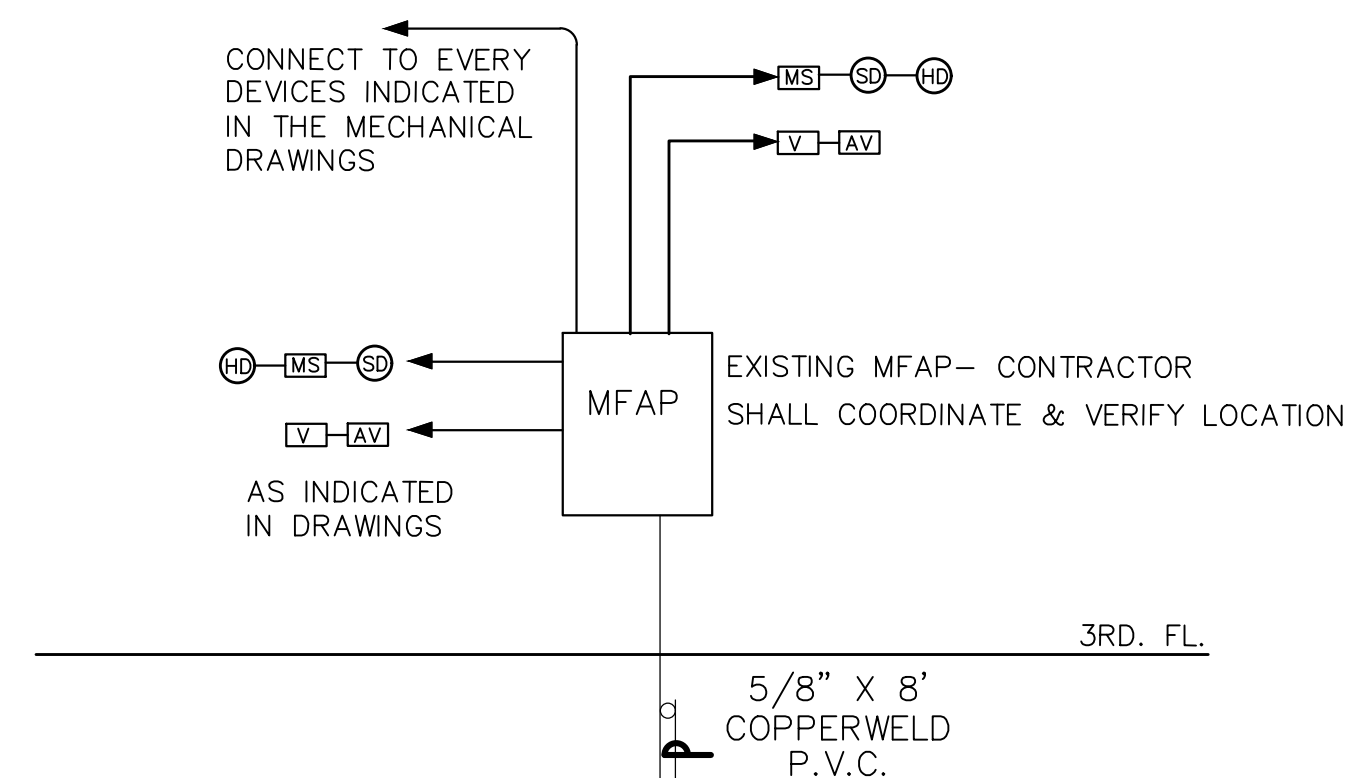


MG PEREZ ROSADO & ASOC.
Electrical Engineers & Environmental Consultants
MILDRED GISELA PEREZ ROSADO
electrical engineer consultant
lic. # 10287
PMB 440, 405 AVE. ESMERALDA
SUITE 2, GUAYNABO, P.R. 00969
TEL. 787.766.0415



SIGNALING LAYOUT PLAN

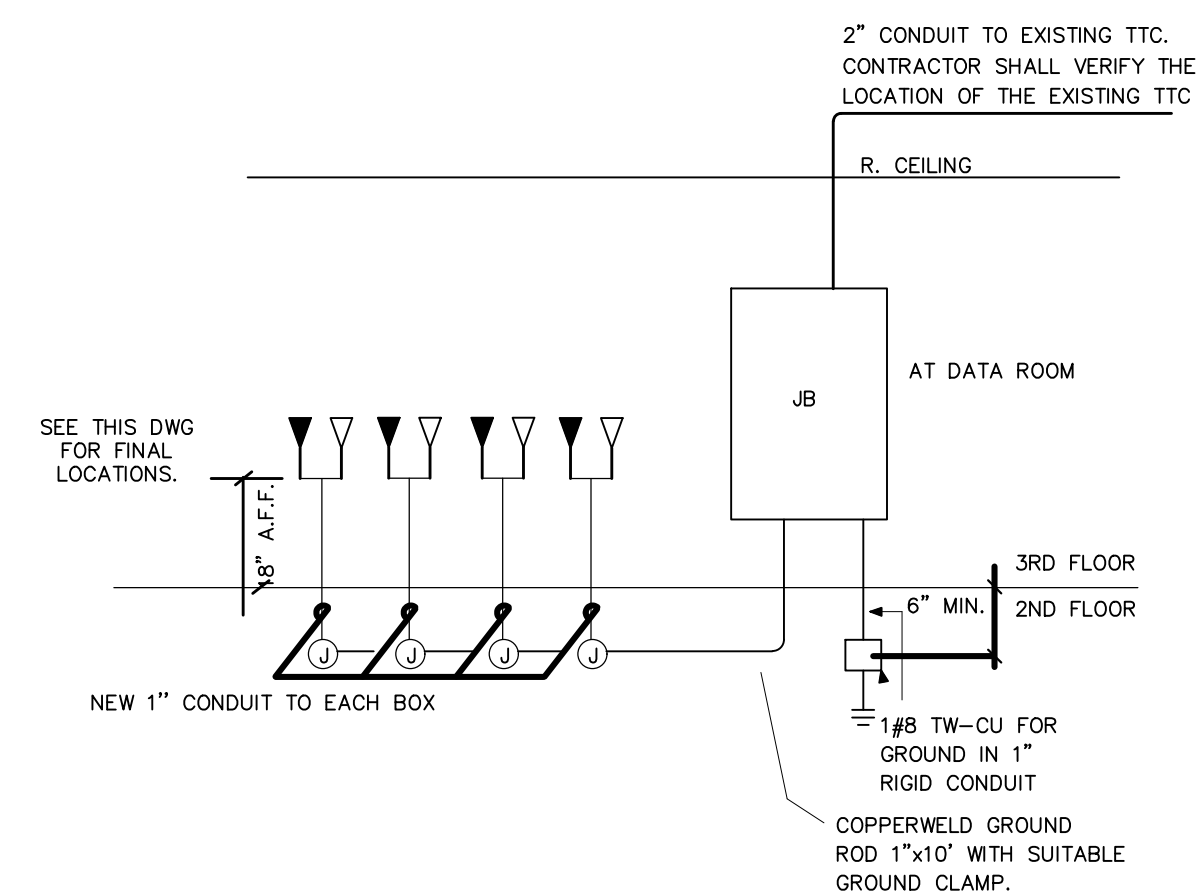
SCALE: 3/16"=1'-0"



FAP ONE LINE DIAGRAM

FIRE ALARM SYSTEM LEGEND:

MS	WALL MOUNTED MANUAL FIRE ALARM STATION 48" A.F.F. SHALL HAVE PROTECTION COVER.
SD	SURFACE MOUNTED IONIZATION SMOKE DETECTOR.
AV	WALL MOUNTED COMBINATION STROBE/HORN 7'-0" A.F.F. 110 CANDELA
V	VISUAL DEVICE
HD	SURFACE MOUNTED HEAT DETECTOR



TELEPHONE & DATA RISER

NOTES:

1. THE CONTRACTOR SHALL PROVIDE ONE SET OF NORMALLY OPEN, DRY ELECTRICAL CONTACTS (NO VOLTAGE PRESENT) SUBJECT TO ACTIVATION BY FIRE SENSING DEVICES LOCATED IN THE ELEVATOR ROOM, HOIST WAYS OR IN THE ELEVATOR LOBBY ON ANY LANDING OTHER THAN THE DESIGNATED FIRE RECALL LANDING (MAIN FLOOR). THE CONTACTS SHALL BE WIRED TO AN ELECTRICAL JUNCTION BOX LOCATED AT THE ELEVATOR MACHINE ROOM FOR FINAL CONNECTION TO THE ELEVATOR CONTROL SYSTEM. EACH WIRE TO BE CLEARLY LABELED.
2. A 2" DIAMETER EMT CONDUIT SHALL BE PROVIDED BETWEEN THE ELEVATOR AND REMOTE CONTROL PANEL LOCATED AT MAIN LOBBY FOR, FIRE COMMAND CENTER. WIRING AND CONNECTIONS SHALL BE, PROVIDED BY THE ELEVATOR CONTRACTOR.
3. TELEPHONE COMMUNICATION WIRING TERMINATING IN A JUNCTION BOX LOCATED IN THE ELEVATOR MACHINE ROOM AND ADJACENT TO ELEVATOR MACHINE ROOM.
4. FIRE ALARM CONTRACTOR SHALL PROVIDE A FIREMEN'S TELEPHONE COMMUNICATIONS WIRING TERMINATING IN A JUNCTION BOX LOCATED AT THE ELEVATOR MACHINE ROOM.
5. CONNECT ELEVATOR LIFE SAFETY SPEAKERS AT EACH ELEVATOR TERMINATING AT THE ELEVATOR MACHINE ROOM.
6. THE DOORS SHALL BE HAVE AN INTEGRATE MAGLOCK OF 1200LB AND PUSH BAR EXIT DEVICE. THIS SHALL BE COORDINATED WITH ELECTRICAL DRAWINGS.
7. THE DOORS SHALL BE HAVE A PUSH BAR EXIT DEVICE. SEE ELECTRICAL DRAWINGS.
8. EACH DOORS SHALL BE SINGLE GANG FOR A CARDREADER WITH CONNECTION TO THE MAGLOCK FORM EACH DOOR AND CONNECT TO THE MECHANIC ROOM. COORDINATE WITH ELECTRICAL DRAWINGS.

[illegible]

SEA

OPGE

[illegible]

PROJECT TITLE:
**DDEC REORGANIZATION OF PHYSICAL SPACES
REMODELING OF INTERIOR SPACE FOR
OPGE REGIONAL OFFICE**
PLAZA ISABEL II BUILDING, 68 REINA ISABEL STREET,
PONCE, PUERTO RICO. 00730

CLIENT: **PRIDCO**

PROJECT NO: **13-2031**

DRAWING TITLE:

SIGNALING LAYOUT PLAN

SET ISSUE DATE

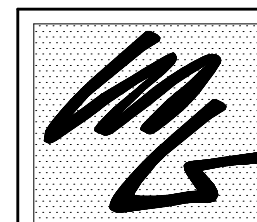
▶ 2022-02-28

SCHEMATIC DESIGN

GENERAL

SHEET

E103



MG PEREZ ROSADO & ASOC
Electrical Engineers & Environmental Consultants
MILDRED GISELA PEREZ ROSADO
electrical engineer consultant
lic. # 10287
PMB. 440, 405 AVE. ESMERALDA
SUITE 2, GUAYNABO, P.R. 00969
TEL. 787.766.0415

OPGE

[illegible]

PROJECT TITLE:
**DEC REORGANIZATION OF PHYSICAL SPACES
REMODELING OF INTERIOR SPACE FOR
OPGE REGIONAL OFFICE**
PLAZA ISABEL II BUILDING, 66 REINA ISABEL STREET,
PONCE, PUERTO RICO. 00730

PROJECT NO: 13-2031

DRAWING TITLE: _____

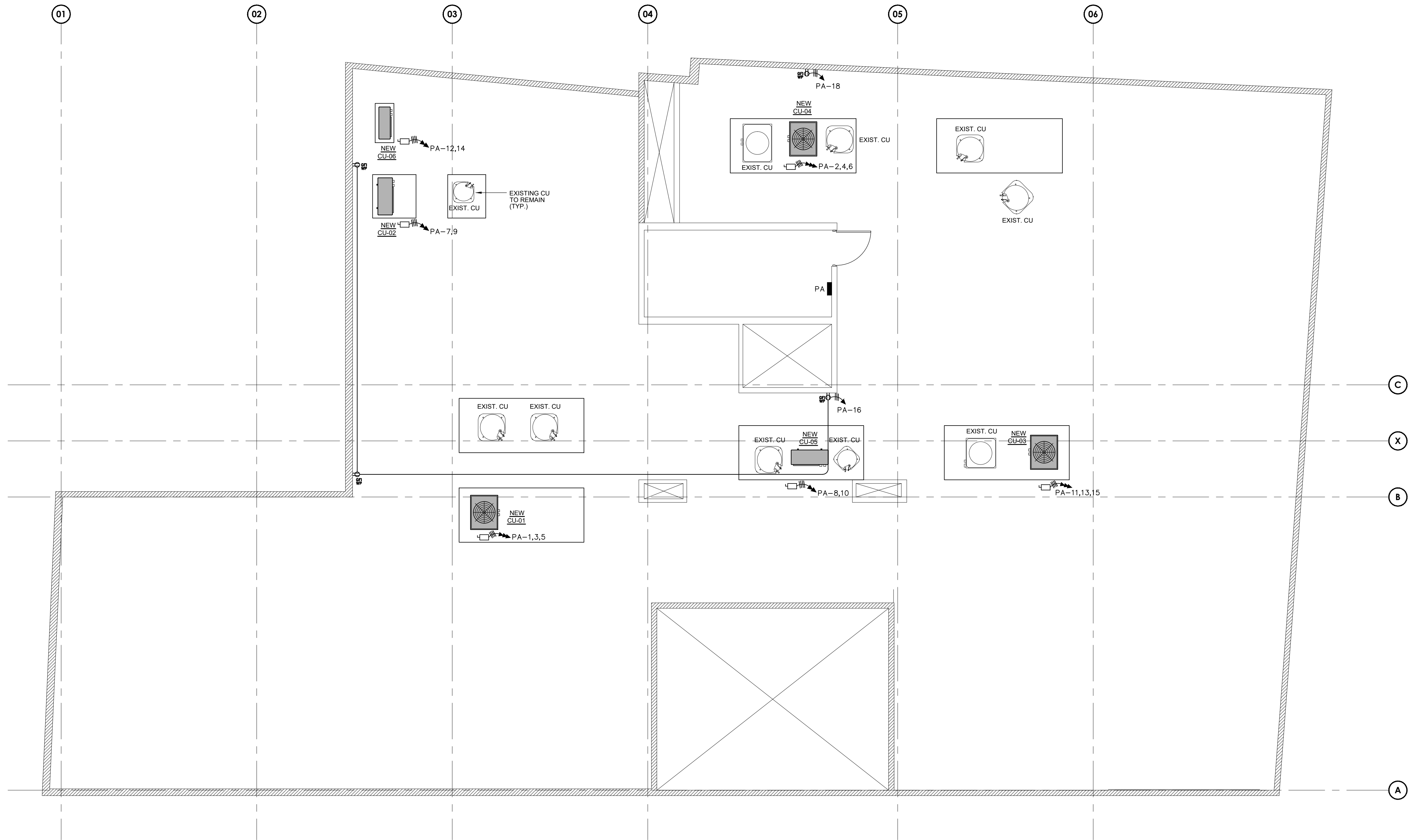
ROOF POWER LAYOUT PLAN

SCHEMATIC DESIGN

GENERAL

SHEET: _____

E104



ROOF POWER LAYOUT PLAN



MG PEREZ ROSADO & ASOC.
Electrical Engineers & Environmental Consultants
MILDRED GISELA PEREZ ROSADO
electrical engineer consultant
lic. # 10287
PMB. 440, 405 AVE. ESMERALDA
SUITE 2, GUAYNABO, P.R. 00969 TEL. 787.766.0415

ELECTRICAL PANEL SCHEDULE - MDP2(EXISTING)

EQUIPMENT DESCRIPTION	TRIP AMPS	POLE	A B C			POLE	TRIP AMPS	EQUIPMENT DESCRIPTION
P1	20	3	1	•	2			
			3	•	4	3	225	PA
			5	•	6			
P2	20	3	7	•	8			
			9	•	10	3	60	P3
			11	•	12			
			13	•	14			
			15	•	16			
			17	•	18			
			19	•	20			
			21	•	22			
			23	•	24			
			25	•	26			
			27	•	28			
			29	•	30			
			31	•	32			
			33	•	34			
			35	•	36			
			37	•	38			
			39	•	40			
			41	•	42			

INDICATES THIS CIRCUIT TO RECEIVE
HANDLE LOCK-ON CLIP.

SQUARE-D TYPE NOOD OR SIMILAR
22K AIC
EXISTING PANEL TO REMAIN

PANEL MDP2B 3 PHASE 4 WIRE-
120/208 VOLTS GROUND BUS - SURFACE MTD.
400 A/350A MB MAIN BREAKER

ELECTRICAL PANEL SCHEDULE - P3(EXISTING)

EQUIPMENT DESCRIPTION	TRIP AMPS	POLE		A	B	C		POLE	TRIP AMPS	EQUIPMENT DESCRIPTION
ELEVATOR LOBBY LIGHTING	20	1	1	•			2	1	20	
RECEPCION LIGHTING	20	1	3	•	•		4	1	20	TECHNICIANS RECEPTACLES
SERVICE AREA LIGHTING	20	1	5	•	•		6	1	20	TECHNICIANS RECEPTACLES
LOUNGE AREA LIGHTING	20	1	7	•	•		8	1	20	TECHNICIANS RECEPTACLES
TECHNICIANS LIGHTING	20	1	9	•	•		10	1	20	RECEPTION RECEPTACLES
EXIT LIGHTS	20	1	11	•	•		12	1	20	SERVICE AREA RECEPTACLES
STATIONERY & COPY RECEPTACLE	20	1	13	•	•		14	1	20	SERVICE AREA RECEPTACLES
RECEPT./PRIVATE OFFICE. RECEPTACLES	20	1	15	•	•		16	1	20	STATIONARY & COPY RECEPTACLE
CONFERENCE ROOM RECEPTACLES	20	1	17	•	•		18	1	20	PRIVATE OFFICE RECEPTACLES
FC-05 & FC-06	20	2	19	•	•		20			
			21	•	•		22	2	20	CC-03
CC-05	20	2	23	•	•		24			
			25	•	•		26	2	20	CC-04
CC-06	20	2	27	•	•		28	1		
			29	•	•		30	1		
			31	•	•		32	1		
			33	•	•		34	1		
			35	•	•		36	1		
			37	•	•		38	1		
			39	•	•		40	1		
			41	•	•		42	1		
INDICATES THIS CIRCUIT TO RECEIVE HANDLE BOLT-ON CLIP. EXISTING PANEL TO REMAIN										
								PANEL 3 PHASE 4 WIRE - 120/208 VOLTS GROUND BUS - FLUSH MTD. 225A/60A MB MAIN BREAKER		

ELECTRICAL PANEL SCHEDULE - NEW PA

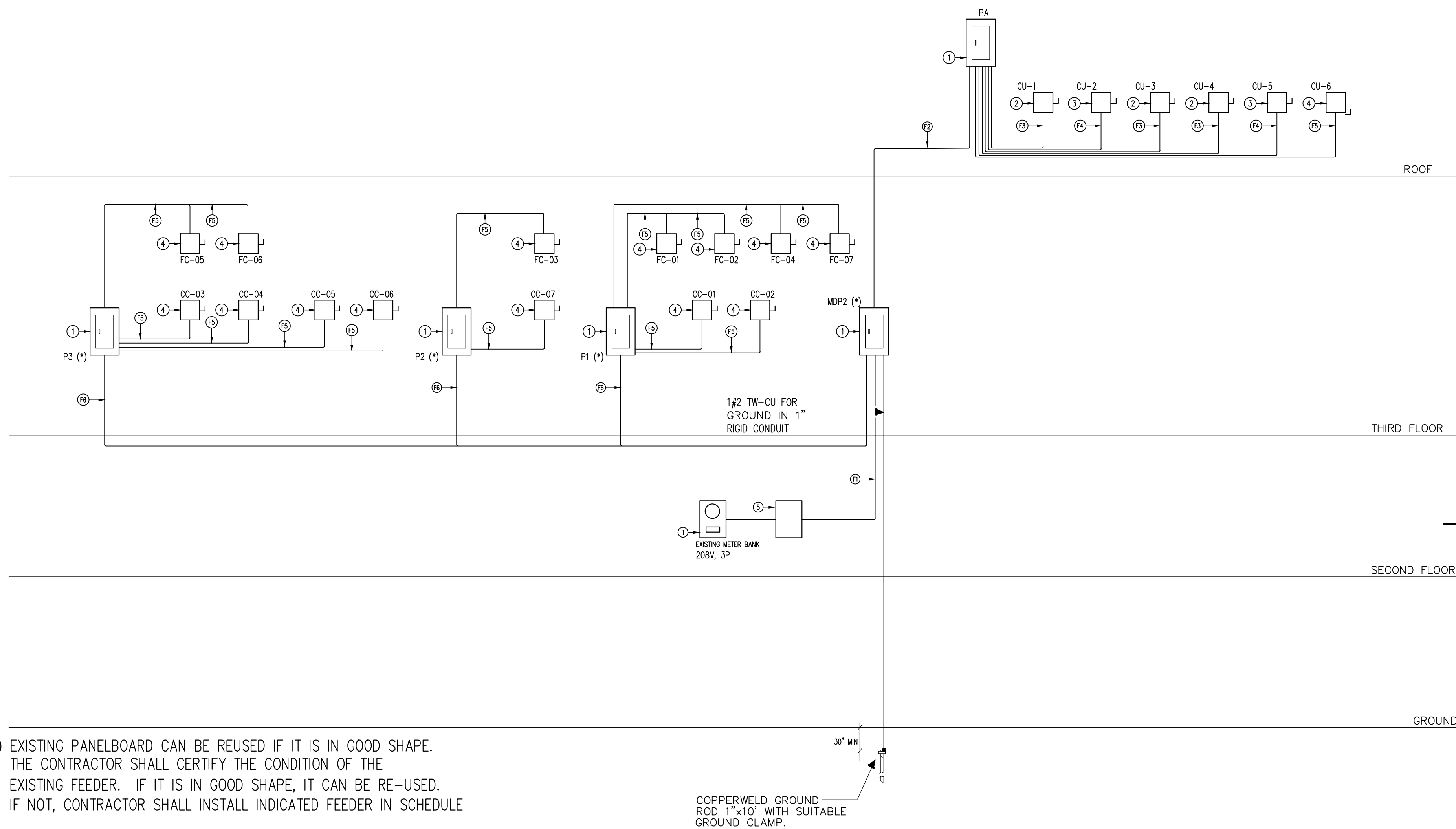
EQUIPMENT DESCRIPTION	TRIP AMPS	POLE				POLE	TRIP AMPS	EQUIPMENT DESCRIPTION
			1	A	B	C	2	
CU-01	50	3	3	•	•	•	4	CU-04
			5	•	•	•	6	
CU-02	40	2	7	•	•	•	8	
			9	•	•	•	10	CU-05
CU-03	50	3	11	•	•	•	12	
			13	•	•	•	14	CU-06
			15	•	•	•	16	1 20 ROOF RECEPTACLES
			17	•	•	•	18	1 20 ROOF RECEPTACLE
			19	•	•	•	20	
			21	•	•	•	22	
			23	•	•	•	24	
			25	•	•	•	26	
			27	•	•	•	28	
			29	•	•	•	30	
INDICATES THIS CIRCUIT TO RECEIVE HANDLE BOLT-ON CLIP. 22 KAIC			PANEL 3 PHASE 4 WIRE- 120/208 VOLTS GROUND BUS - FLUSH MTD. 225 A/225 A MB MAIN BREAKER					

ELECTRICAL PANEL SCHEDULE - P1(EXISTING)

EQUIPMENT DESCRIPTION	TRIP AMPS	POLE					POLE	TRIP AMPS	EQUIPMENT DESCRIPTION	
CONFERENCE/HEARING R. RECEPTACLES	20	1	1	A	B	C	2	1	20	LOUNGE/CASHIER AREA RECEPTACLES
INSPECTIONS DEP. RECEPTACLES	20	1	3		•		4	1	20	INSPECT DEP. LIGHTING
INSPECTIONS DEP. RECEPTACLES	20	1	5		•		6	2	20	CC-01
INSPECTIONS DEP. RECEPTACLES	20	1	7	•			8			
INSPECTIONS DEP. RECEPTACLES	20	1	9		•		10	2	20	CC-02
INSPECTIONS DEP. RECEPTACLES	20	1	11		•		12			
FC-04 & FC-07	20	2	13	•			14	2	20	FC-01 & FC-02
			15		•		16			
			17		•		18			
			19	•			20	1		
			21		•		22	1		
			23				24	1		
			25	•			26	1		
			27		•		28	1		
			29				30	1		
			31	•			32	1		
			33		•		34	1		
			35				36	1		
			37	•			38	1		
			39		•		40	1		
			41				42			
INDICATES THIS CIRCUIT TO RECEIVE HANDLE BOLT-ON CLIP. EXISTING PANEL TO REMAIN										
PANEL 3 PHASE 4 WIRE - 120/208 VOLTS GROUND BUS - FLUSH MTD. 225A/40A MB MAIN BREAKER										

ELECTRICAL PANEL SCHEDULE - P2(EXISTING)

EQUIPMENT DESCRIPTION	TRIP AMPS	POLE	A B C			POLE	TRIP AMPS	EQUIPMENT DESCRIPTION	
KITCHEN LIGHTING	20	1	1	•	•	2	1	20	REFRIGERATOR RECEPTACLE
DATA/ARCHIVES RECEPTACLES	20	1	3	•	•	4	1	20	KITCHEN COUNTER RECEPTACLE
FC-03	20	2	5	•	•	6	2	20	CC-07
EF-01	20	1	7	•	•	8			
	20	1	9	•	•	10	1	20	
	20	1	11	•	•	12	1	20	
	20	1	13	•	•	14	1	20	
	20	1	15	•	•	16	1	20	
	20	1	17	•	•	18	1	20	
	20	1	19	•	•	20	1	20	
	20	1	21	•	•	22	1	20	
	20	1	23	•	•	24	1	20	
	20	1	25	•	•	26	1	20	
	20	1	27	•	•	28	1	20	
	20	1	29	•	•	30	1	20	
	20	1	31	•	•	32	1	20	
	20	1	33	•	•	34	1	20	
	20	1	35	•	•	36	1	20	
	20	1	37	•	•	38	1	20	
			39	•	•	40	1	20	
			41	•	•				
			42	•	•				
INDICATES THIS CIRCUIT TO RECEIVE HANDLE BOLT-ON CLIP. EXISTING PANEL TO REMAIN									
PANEL 3 PHASE 4 WIRE - 120/208 VOLTS GROUND BUS - FLUSH MTD. 225A/20A MB MAIN BREAKER									



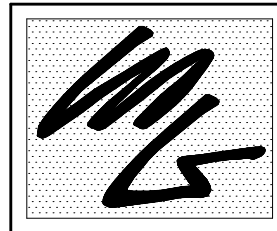
(*) EXISTING PANELBOARD CAN BE REUSED IF IT IS IN GOOD SHAPE.
THE CONTRACTOR SHALL CERTIFY THE CONDITION OF THE
EXISTING FEEDER. IF IT IS IN GOOD SHAPE, IT CAN BE RE-USED.
IF NOT, CONTRACTOR SHALL INSTALL INDICATED FEEDER IN SCHEDULE

RISER DIAGRAM LEGEND:

- ① PANELBOARD AS PER SCHEDULE.
- ② 60 A S.S. 208V, 3P, FUSE: 50A OR AS PER MANUFACTURER RECOMMENDATION.
- ③ 60 A S.S. 208V, 2P, FUSE: 40A OR AS PER MANUFACTURER RECOMMENDATION.
- ④ 30 A S.S. 208V, 2P, FUSE: 15A OR AS PER MANUFACTURER RECOMMENDATION.
- ⑤ JUNCTION BOX FOR FUTURE TRANSFER SWITCH

FEEDER SCHEDULE

- | | | | |
|------|-------------------------------------|------|----------------------------------|
| (F1) | 2(4#3/0 RHW-2 & 1#2 AWG IN 2.5" C.) | (F5) | 2#12 RHW-2 & 1#12 AWG IN 3/4" C. |
| (F2) | 4#4/0 THHN & 1#4 AWG IN 2.5" C. | (F6) | 4#2 THHN & 1# 8 AWG IN 1.5" C. |
| (F3) | 3#6 THHN & 1#10 AWG IN 1 1/4" C. | | |
| (F4) | 2#8 RHW-2 & 1#10 AWG IN 1" C. | | |



MG PEREZ ROSADO & ASOC.
Electrical Engineers & Environmental Consultants
MILDRED GISELA PEREZ ROSADO
electrical engineer consultant
lic. # 10287
PHAR 440, 405 AVE. ESMERALDA
SUITE 2, GUAYNABO, P.R. 00969
TEL 787.766.0415

in+EGRA

INTEGRA DESIGN GROUP PSC
(787) 767.2111 www.integrapr.com

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE
PROPERTY OF INTEGRA. USE, REPRODUCTION, OR
MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY
PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO LUIS GARCIA BERRIOS, LICENCIADO 1997Z, CERTIFICO QUE SOY LA PERSONA QUE PREPARE ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE LOS PLANOS Y LAS ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES QUE SE ENCONTRAN EN LOS REGISTROS DE LA OFICINA DEL REGISTRO CONJUNTO A LAS DISPOSICIONES APPLICABLES DE LOS PLANOS Y LAS ESPECIFICACIONES PUBLICAS CON JURISDICCION CERTIFICADO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y LAS ESPECIFICACIONES HE CUMPLIDO CABALMENTE CON LOS DISPUESTOS EN LA "LEY NUM. 14 DE 8 DE ENERO DE 1968, QUE ESTABLECE LA ENMIENDA, CONOCIDA COMO LA "LEY PARA LA INDUSTRIA Y EL COMERCIO" EN SU ART. 10, PUNTO OBTORRERQUEA, CON LA LEY NUM. 319 DE 15 DE MAYO DE 1968, SEGUN ENMIENDA, EN SU ART. 10, PUNTO OBTORRERQUEA, EN LA ENMIENDA, RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS PLANOS Y LAS ESPECIFICACIONES POR DESCONOCIMIENTO O POR NEGLIGENCIA VA SEA POR MI, MIS AGENTES O EMPLEADOS O POR CUALQUIER PERSONA QUE SE ENCONTRARE EN MI CONOCIMIENTO, ME HACEN RESPONSABLE DE LAS CONSECUENCIAS LEGALES Y DISCIPLINARIAS POR LA OFICINA.

SEAL:

OPGE

REVISIONS

[illegible]

PROJECT TITLE:
**DDEC REORGANIZATION OF PHYSICAL SPACES
REMODELING OF INTERIOR SPACE FOR
OPGE REGIONAL OFFICE**
PLAZA ISABEL II BUILDING, 66 REINA ISABEL STREET,
PONCE, PUERTO RICO. 00730

CUEN

PRIDCC

PROJECT NO. _____

13-2031

DRAWING TITLE

QA

PANELBOARD & ONE LINE DIAGRAM

SET ISSUE DATE

2022-03-21

SCHEMATIC DESIGN

GENERAL

SMEE

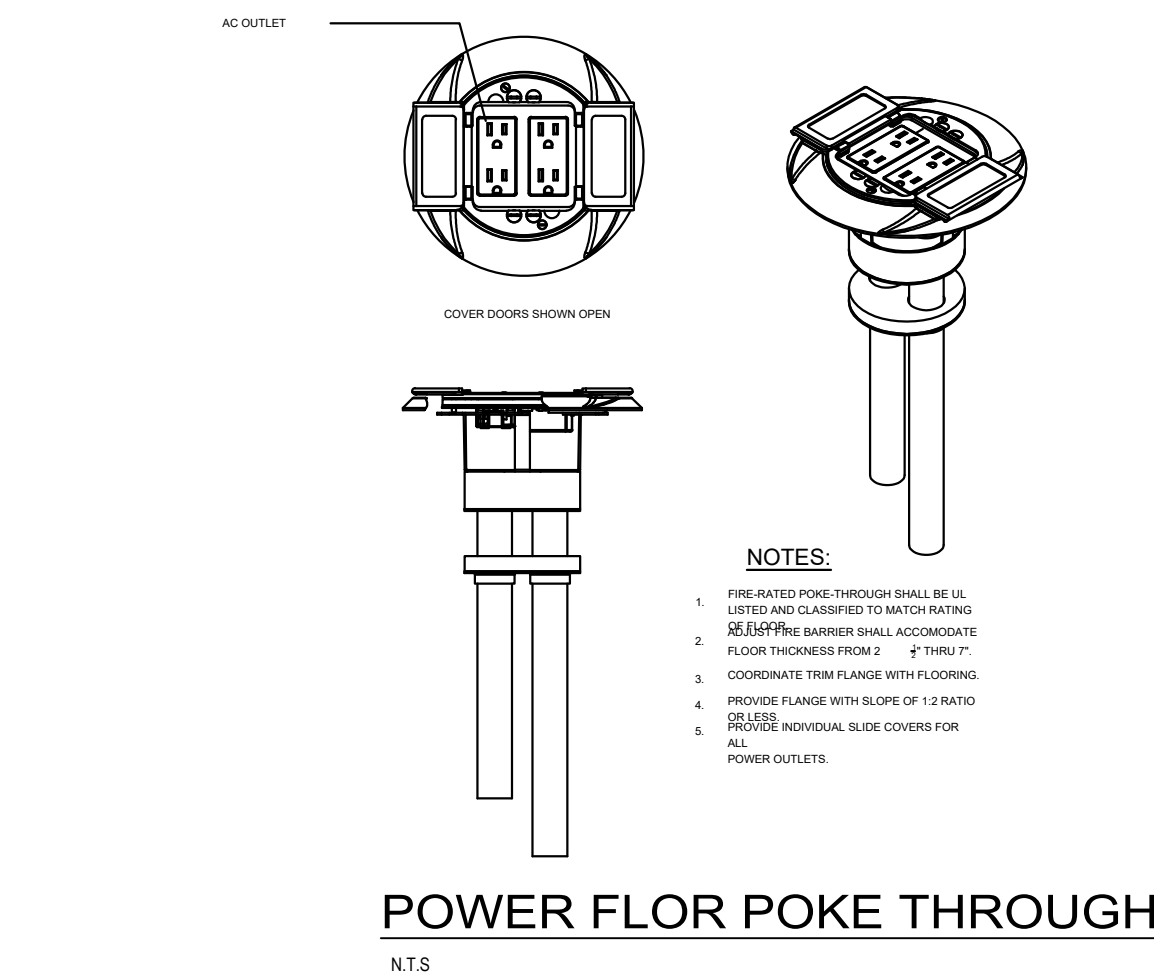
E105

GENERAL NOTES

- ALL ELECTRICAL OUTLETS INDICATED IN DRAWING SHALL BE INSTALLED AS INDICATED.
 - ALL WIRES AND CABLES SHALL BE THWN/THHN-600V. INSULATION.
 - UNLESS OTHERWISE INDICATED ALL WIRES AND CABLES SHALL BE COPPER.
 - PROVIDE GROUND WIRE IN ALL THE CONDUITS.
 - PROVIDE #12-AWG GREEN JUMPER BETWEEN RECEPTACLE GROUNDING SCREW AND OUTLET BOX GROUNDING SCREW.
 - UNLESS OTHERWISE INDICATED ALL CONDUITS SHALL BE 3/4" IN DIAMETER MINIMUM.
 - ALL UNDERGROUND CONDUIT COUPLING SHALL BE WATERTIGHT.
 - PROVIDE AN EXPANSION JOINT COUPLING OF THE REQUIRED TYPE AND SIZE WHENEVER A CONDUIT CROSSES AN EXPANSION JOINT.
 - PROVIDE PLASTIC CONDUIT DIVIDERS IN ALL UNDERGROUND CONDUIT RUNS. MAXIMUM DISTANCE BETWEEN DIVIDERS TO BE 4'-0".
 - CONTRACTOR MUST MAKE SURE THAT THE ENTIRE ELECTRICAL SYSTEM HAS GROUND CONTINUITY.
 - ALL THE ELECTRICAL INSTALLATION SHALL BE DONE IN A NEAT & WORKMANLIKE MANNER, ACCORDING TO THE LAST EDITION OF THE NATIONAL ELECTRICAL CODE, THE PUERTO RICO ELECTRIC POWER AUTHORITY LATEST STANDARD & THE PUERTO RICO TELEPHONE CO. LATEST PRACTICES.
 - THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT CONTRACTOR UNDERSTANDS THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.
 - UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOXES. MINIMUM SIZE OF OUTLET BOX TO 1-1/2" SQUARE & 1-1/2" DEEP. EXACT SIZE OF OUTLET BOX SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBER OF CONDUCTORS IN THE BOX PER N.E.C. ARTICLE 370-SECTION 6. NOT FOR A/V PURPOSES.
 - ALL INDICATED HEIGHTS ARE FROM CENTER OF BOX TO FINISHED FLOOR.
 - CONTRACTOR SHALL BALANCE ALL LOADS.
 - ROUTE OF CONDUITS SHOWN IN THE LAYOUT IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTERCONNECTIONS BETWEEN OUTLETS. EXACT CONDUIT ROUTING SHALL BE DETERMINED AT THE JOB SITE TO CONFORM WITH THE STRUCTURAL CONDITIONS AND SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ARCHITECT/ENGINEER.
 - LEAVE A #12-AWG-TW FISHWIRE IN ALL EMPT CONDUITS.
 - ALL PANELBOARDS AND LOAD CENTERS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO THE GROUNDS OR CABLES ENTERING OR LEAVING THE PANELBOARD. THE GROUND BUS SHALL BE SIMILAR IN SIZE AND CHARACTERISTICS TO THE NEUTRAL BUS. ALL PANELBOARDS SHALL HAVE A MONOFLAT FRONT AND KEY LOCK.
 - WHEN TWO OR MORE WIRING DEVICES ARE SHOWN TOGETHER IN ADJACENT POSITIONS AND AT THE SAME HEIGHT, THEY SHALL BE INSTALLED IN A MULTIPLE GANG OUTLET BOX OF THE PROPER SIZE SO THAT ONLY ONE RAISED COVER PLATE OF THE REQUIRED TYPE AND SIZE ARE USED. 120V AND 277V OUTLETS SHALL BE IN SEPARATE BOXES-SHALL BE INDICATING SWITCHES
 - UNLESS OTHERWISE INDICATED, ALL WIRING DEVICES SHALL BE WHITE COLORED WITH 302 STAINLESS STEEL COVER PLATES, EXCEPT THE WEATHERPROOF OUTLETS WHICH SHALL HAVE THEIR STANDARD GRAY COVER PLATES.
 - WHEN TWO OR MORE PANELBOARDS OR CABINETS ARE SHOWN TOGETHER IN ADJACENT LOCATIONS, THE TOP OF ALL PANELBOARDS OR CABINETS SHALL BE ALIGNED WITH THE TOP OF THE BIGGEST ONE SO THAT ALL THE TOPS ARE AT EXACTLY THE SAME HEIGHT FROM THE FINISHED FLOOR.
 - IN CONDUIT RUNS, THE NUMBER OF ARROWS DESIGNATE THE NUMBER OF CIRCUITS IN THE CONDUIT (ONE POLE IN THE PANELBOARD PER EACH CIRCUIT), THE NUMBER OF LINES DESIGNATE THE NUMBER OF CONDUCTORS IN THE CONDUIT. THE LONGER LINE BEING A NEUTRAL CONDUCTOR AND "1" BEING THE GROUND CONDUCTOR.
 - TELEPHONE TERMINALS CABINET SHALL BE APPROVED EQUAL TO COLUMBIA METAL TYPE "PF" WITH THE DOOR HINGES, LOCK AND 3/4" PLYWOOD BACKBOARD COVER AT THE BOTTOM OF THE CABINET.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE VOLTAGE CHARACTERISTICS AT THE SITE WITH PREPA AT THE TIME OF INSTALLATION BEFORE ORDERING ANY PRIMARY EQUIPMENT.
 - ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.
 - ALL THE SELF-STANDING AND SURFACE MOUNTED ELECTRICAL EQUIPMENT AS WELL AS THE LUMINARIES SHALL ALL BE BRACED FOR SEISMIC SHOCK ACCORDING TO THE SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS. THE SAME APPLIES TO ALL THE MECHANICAL WORK. THE DETAILS AND INSTALLATION METHODS IN SAID MANUAL, SHALL BE MODIFIED AS REQUIRED TO FIT THE ELECTRICAL INSTALLATION OF THE PROJECT.
 - FOR FINAL LOCATION OF MECHANICAL EQUIPMENT SEE CORRESPONDING MECHANICAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR TO RELOCATE ELECTRICAL ROUGH-IN ACCORDINGLY AT NO ADDITIONAL COST TO OWNER.
 - CONDUIT WORK:
 - A - ALL CONDUITS INSTALLED UNDERGROUND SHALL BE PVC SCH. 40.
 - B - ALL CONDUITS INSTALLED EMBEDDED IN FLOOR SLABS WHICH ARE IN DIRECT CONTACT WITH THE EARTH SHALL BE PVC SCH. 40.
 - C - ALL CONDUITS INSTALLED EMBEDDED IN WALLS, CEILING SLABS AND IN FLOOR SLABS WHICH ARE NOT IN DIRECT CONTACT WITH THE EARTH SHALL BE EMT.
 - D - ALL CONDUITS INSTALLED IN THE AREA BETWEEN HUNG CEILINGS AND CEILING SLABS OR METAL DECKS SHALL BE EMT.
 - E - ALL CONDUITS INSTALLED EXPOSED IN INDOOR AREAS SHALL BE RIGID.
 - F - ALL CONDUITS INSTALLED EXPOSED IN OUTDOOR AREAS SHALL BE RIGID GALV. STEEL.
 - G - FINAL CONNECTIONS TO ALL MOTORS AND ELECTRICAL EQUIPMENT SHALL BE DONE WITH LIQUIDTIGHT FLEXIBLE STEEL CONDUIT.
 - ALL WIRES AND CABLES SHALL BE #12-AWG, EXCEPT WHEN OTHERWISE INDICATED IN THE DRAWINGS OR AS INDICATED BELOW FOR 20 AMPS. CKTS. WIRE SIZING.
 - 1 - ALL 20 AMP, 120VOLT CIRCUIT RUNS SHALL BE AS FOLLOWS:
 - 5' TO 100' IN LENGTH, #12-AWG.
 - 100' TO 200' IN LENGTH, #10-AWG.
 - 200' TO 300' IN LENGTH, #8-AWG.
 - 300' TO 400' IN LENGTH, #6-AWG.
 - ALL PENDANT MOUNTED LUMINARIES SHALL BE INSTALLED USING STEMS, 2 STEMS PER EACH 4' LUMINARY. STEMS SHALL BE PAINTED OF THE COLOR REQUIRED BY THE ARCHITECT.
 - ALL PENETRATIONS THRU THE FLOORS, CONNECTING TWO OR MORE LEVELS SHALL BE FIRE RATED AND SMOKE TIGHT SEALED IN ACCORDANCE WITH THE REQUIREMENTS OF IBC WITH APPROVED FIRE STOPPING MATERIALS.
 - THE CONTRACTOR SHALL CONSIDER IN HIS BID IF THERE EXIST ANY ELECTRICAL DEVICE OR EQUIPMENT IN THE WALL OR WALLS IN CONTACT TO BE DEMOLISH AND SHALL CONNECT THEM TO THE NEAREST ELECTRICAL FACILITY, BUT BEFORE THAT, THE CONTRACTOR SHALL VERIFY IF CIRCUITS DON'T HAVE ANY PROBLEMS OF POSSIBLE OVERLOAD.
 - NO "UF" TYPE CONDUCTOR ALLOWED. ALL DROPS TO FIXTURES AND EQUIPMENT TO BE DONE IN FLEXIBLE METALLIC CONDUIT SIZE, MAXIMUM LENGTH AND TYPE AS PER NEC AND TO OTHER EQUIPMENT AS REQUIRED BY CODES.
 - ALL EQUIPMENT AND MATERIAL TO BE NEW THROUGHOUT AND AS PER NEMA AND U.S. STANDARDS AND APPROXIMATELY LABELED ALSO FOR EXISTING EQUIPMENT.
 - CONTRACTOR SHALL COORDINATE ALL OF HIS WORK, SHIPPING OR CUTTING, ETC. WITH EXISTING SERVICES AND UTILITIES AND WITH OWNER, OWNER'S ENGINEER, LANDLORD OR REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO VISIT THE PROJECT AND REPORT HIS COMMENTS BEFORE BIDDING. OWNER'S GENERAL CONDITIONS SHALL FORM PART OF THIS PHASE.
 - EQUIPMENT TO BE SUPPLIED AND INSTALLED BY OWNER AND OTHER TRADES OR CONTRACTORS TO HAVE INTEGRAL OVERLOAD PROTECTION, DISCONNECTING MEANS AND GROUND FAULT PROTECTION WHERE REQUIRED. POWER FACTOR FOR ALL EQUIPMENT TO BE ABOVE REQUIRED BY THE PUERTO RICO ENERGY CODE.
 - CONTRACTOR TO SUBMIT FOR APPROVAL ALL EQUIPMENT, LIGHTING FIXTURES, BUS DUCTS, TRANSFORMERS, PANELS, CONDUITS, AND FITTINGS, RECEPTACLES AND ANY OTHER ELECTRICAL MATERIALS REQUIRED FOR THE WORK TO BE PERFORMED.
 - THE ELECTRICAL INSTALLATION, MATERIALS AND METHOD OF WORK SHALL BE IN COMPLETE ACCORDANCE WITH LATEST PREPA, NEC OF P.R., FRID, OSHA, ARPE AND OTHER AGENCY'S APPLICABLE CODES AND REGULATIONS FOR SAID TYPE OF WORK AND SHALL BE SUBMITTED TO OWNER FOR APPROVAL. COORDINATION WITH OWNER'S REPRESENTATIVE IS MANDATORY.
 - ALL RECEPTACLES AND SWITCHES SHALL BE HEAVY DUTY SPECIFICATION GRADE OF THE COLOR TO BE CHOSEN BY ARCHITECT. ALL WALL PLATES TO BE HEAVY DUTY STAINLESS STEEL.
 - ALL CONDUITS SHALL BE SECURELY FASTENED TO OUTLET BOXES OR CABINETS WITH ONE END BUSHING AND TWO LOCKWUTS. ONE INSIDE AND THE OTHER OUTSIDE THE BOX OR CABINET OR FIXTURE AND INSULATED BUSHING ON CONDUITS 1-1/4" DIAMETER AND LARGER SHALL BE USED.
 - CONTRACTOR TO COLOR CODE ALL WIRING AS SHOWN:
 - a) ALL FEEDERS AT 277/480 VOLTS TO BE ORANGE, YELLOW, BROWN
 - b) ALL FEEDERS AT 120/208 VOLTS TO BE RED, BLUE, BLACK
 - c) ALL SWITCH RETURNS TO BE PURPLE, VIOLET, LIGHT BLUE
 - d) ALL NEUTRAL CONDUCTORS TO BE WHITE
 - e) ALL GROUND CONDUCTORS TO BE GREEN
 - COORDINATION IS MANDATORY IN THIS PROJECT. CONTRACTOR MUST COORDINATE ALL HIS WORK WITH ARCHITECT/ENGINEER AND OWNER'S REPRESENTATIVE.
 - CONTRACTOR TO SUPPLY ALL 120 VOLTS CONTROL NEEDS TO AIR CONDITIONING VALVES, CONTROL PANELS, DAMPERS VARIABLE VOLUME BOXES AND ANY AND ALL CONTROL VOLTAGE NEEDS AS PART OF THIS CONTRACT WHETHER SHOWN OR NOT ON THIS PLANS.
 - ALL DUCT SMOKE DETECTORS SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR AND INSTALLED IN DUCT BY DUCT SUPPLIER/INSTALLER. CONNECTION TO FIRE ALARM SYSTEM OF DUCT DETECTORS BY ELECTRICAL CONTRACTOR.
 - CONTRACTOR SHALL COMPLY WITH UNIFORM BUILDING CODE (UBC) FOR LIGHTING FIXTURE INSTALLATION IN HUNG CEILINGS FOR SEISMIC ZONE 3 COMPLIANCE. ALL FIXTURES TO HAVE CALIFORNIA CLIPS TO HOLD FIXTURES TO HUNG CEILING AND ALL FIXTURES TO BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE AS REQUIRED. UNIFORM BUILDING CODE STANDARD 29-2 DESCRIBES CONSTRUCTION METHODS THAT MAY BE USED FOR LIGHT HEIGHT SUSPENDED CEILINGS. THESE STANDARDS SHALL BE USED AS GUIDE FOR SUPPORTING OF BOTH THE SUSPENDED CEILING AND THE LIGHTING FIXTURES.
 - REMOTE PHONE IN LOCKABLE CABINET. CABINET TO BE RED WITH SILK SCREENED DOOR WITH "LOCAL FIRE EMERGENCY PHONE. UNIT TO BE SIMPLEX 2084 - 9002. BOX TO BE 15" HIGH, 11-11/16" WIDE, 3-1/2" DEED. ALL TO BE MOUNTED BOTTOM 42" AFF.
 - ADDRESSABLE DUCT SENSOR HOUSING WITH PHOTOELECTRIC SENSOR. ALL TO HAVE REMOTE STATUS/ALARM INDICATOR AND TEST STATION. CONTRACTOR TO COORDINATE WITH AIR CONDITIONING CONTRACTOR FOR DUCT WIDTH. SIMPLEX 4098 - 9756. SEE GENERAL NOTE #18.
 - LAMPS TEMPERATURE COLOR MUST BE 4,100 K.

LEGEND:

- | | |
|---|---|
|  | 4" x 1-1/2" OCTAGONAL OUTLET BOX WITH COVER TO BE INSTALLED AT CEILING OR AT 78" A.F.F. |
|  | WALL LIGHTING OUTLET, 7"-6" A.F.F. UNLESS OTHERWISE INDICATED IN THE DRAWINGS. |
|  | 6" DOWNLOAD LIGHT, SMALL LETTER DENOTES CONTROL |
|  | SURFACE OR PENDANT EXIT LIGHT ON CEILING WITH BATTERY PACK |
|  | EXIT & EMERGENCY COMBO LIGHT WITH BATTERY PACK |
|  | DUPLEX CONVENIENCE RECEPTACLE, GROUND TYPE, NEMA 5-20R, 120V, 15AMP, AT 1'-6" A.F.F. UNLESS OTHERWISE INDICATED. W.P. MEANS WEATHER PROOF, (G.F. MEANS GROUND FAULT CIRCUIT INTERRUPTER.), |
|  | SAME AS ABOVE BUT AT 4'-2" A.F.F. |
|  | 4" TELEPHONE OUTLET BOX WITH RAISED COVER
CONDUIT TO BE PROVIDED WITH FISH WIRE OR TERMINATED IN A TELEPHONE TERMINAL CABINET (T.T.C.) AT 1'-6" A.F.F. |
|  | 4" DATA OUTLET BOX WITH RAISED COVER
CONDUIT TO BE PROVIDED WITH FISH WIRE OR TERMINATED IN A TELEPHONE TERMINAL CABINET (T.T.C.) AT 1'-6" A.F.F. |
|  | 3/4" EMT CONDUIT IN WALLS OR FLOOR
NUMBER OF CONDUCTORS INSIDE, NO CROSSHATCH INDICATES TWO CONDUCTORS. |
|  | 3/4" EMT CONDUIT IN CEILING SLAB
INSIDE PLENUM, NUMBER OF CONDUCTORS INSIDE, NO CROSSHATCH INDICATES TWO CONDUCTORS. |
|  | HOMERUN TO PANELBOARD NUMBER OF ARROWS
INDICATES NUMBER OF CIRCUITS INSIDE. |
|  | PANELBOARD AT 5'-0" A.F.F. AS INDICATED IN SINGLE LINE DIAGRAM. |
|  | HEAVY DUTY QUIET SWITCH, WALL TYPE 20A-120 VAC SINGLE POLE INSTALL FLUSH WITH WALL IN 2-1/2" x 4" GALVANIZED BOX OR GANGED TOGETHER AT 48" A.F.F. 3W INDICATES THREE WAY, 4W MEANS FOUR WAY, SUBLETTER INDICATES LIGHT CONTROLLED K INDICATES KEY OPERATED. |
|  | SAFETY SWITCH, SEE LEGEND FOR DETAILS IN ONE LINE DIAGRAM |



FIRE ALARM SYSTEM

FURNISH AND INSTALL A MICROPROCESSOR BASED ADDRESSABLE FIRE ALARM SYSTEM. THE SYSTEM SHALL BE UL, FACTORY MUTUAL APPROVED AND ELECTRICALLY SUPERVISED.

I. SYSTEM COMPONENTS

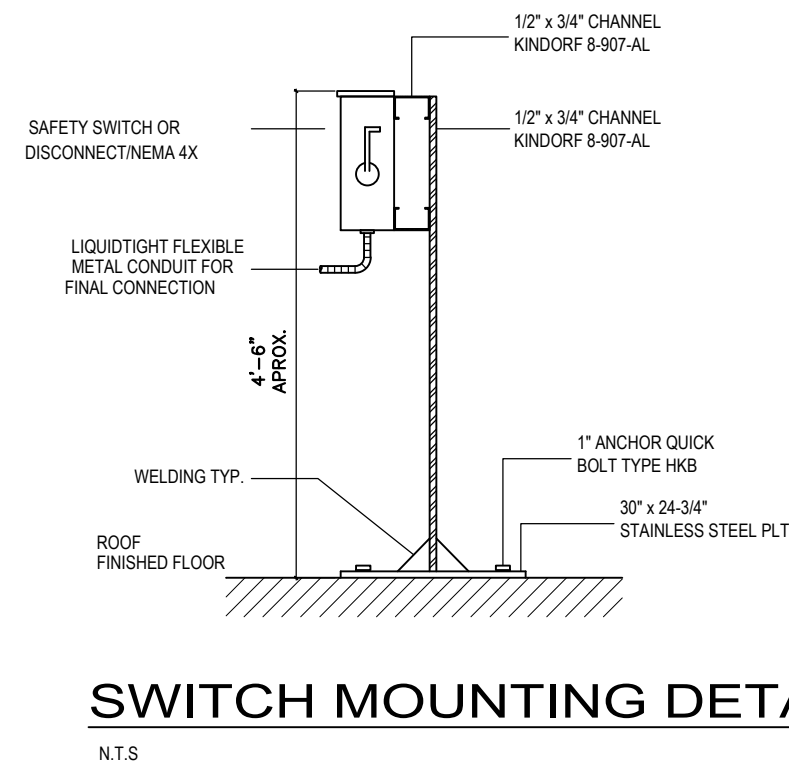
- A. MAIN CONTROL PANEL: THE CONTROL PANEL SHALL PROVIDE POWER, ANNUNCIATION, SUPERVISION AND COMMUNICATION COMMAND CENTER INCLUDING A ONE DETECTORS. THE SYSTEM SHALL HAVE A VOICE FIREFIGHTER MASTER PHONE, LOCAL PANEL SPEAKER WAY COMMUNICATION MICROPHONE, TWO WAY FIRE INTEGRAL AUDIO AMPLIFIER WITH BATTERY BACKUP.
- B. THE COMMUNICATION SYSTEM SHALL BE CAPABLE OF:
 - 1. RECEIVING PRESTANDARDIZED MESSAGES FROM THE BUILDING DETECTORS
 - 2. HEART DETECTORS "HULL OUT" STATION
- C. INDICATING DEVICES: SPEAKERS, STROBES LIGHTS AND AS INDICATED IN DRAWINGS
- D. SPEAKERS/STROBE DEVICES AS INDICATED ON DRAWINGS
- E. ~~REMOVABLE COLOR GRAPHICS FOR LIQUID SPRINKLERS FLOW AND TAMPER SWITCHES.~~
- F. CRYSTAL ALPHANUMERIC DISPLAY TO PROVIDE A DEFINABLE MESSAGE ASSOCIATED WITH EACH DETECTION DEVICE OR ZONE.
- G. BATTERY BACKUP AND BATTERY CHARGER SYSTEM
- H. G-PRINTER
- I. KEYBOARD AND COLOR GRAPHICS MONITOR DISPLAY
- J. CONDUITS AND WIRES REQUIRED

II. TESTING AND TRAINING

THE SYSTEM SHALL BE TESTED AND ADJUSTED
ACCORDING TO NFPA 72. PROVIDE TRAINING TO
OWNER'S AUTHORIZED PERSONNEL.

III. ACCEPTABLE MANUFACTURERS:

A. SAME AS EXISTING OR FULLY COMPATIBLE



SWITCH MOUNTING DETAIL

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION, OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.

YO LUIS GARZA BARRIOS, CERTIFICO QUE SOY LEGALMENTE CASADO, QUE LOS DICHOS PLANOS Y LAS ESPECIFICACIONES DE LOS DICHOS PLANOS, SON VERDADEROS, QUE ENTiendo QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES QUE CONTIENE EL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APICABLES DE LOS REGLAMENTOS DE LOS CORPORALES PUBLICAS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE LOS DICHOS PLANOS Y ESPECIFICACIONES HE CUMPLIDO CABALMENTE CON LOS REQUISITOS QUE CONTIENE EL ARTICULO 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA LEY PARA LA INICIACION DE LA INVESTIGACION EN PUERTORRIQUENA Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA, CONOCIDA COMO LA LEY PARA LA ENMENDADA. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS DICHOS PLANOS Y ESPECIFICACIONES POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SERA CONSIDERADA COMO UN DELITO PERJURIO POR OTRAS PERSONAS CON MI CONOCIMIENTO ME HACEN RESPONSABLE DE LAS CONSECUENCIAS PENALES Y DISCIPLINARIAS POR LA OCASION.

SEAL

OPGE

REVISIONS:

[illegible]

PROJECT TITLE

**DDEC REORGANIZATION OF PHYSICAL SPACES
REMODELING OF INTERIOR SPACE FOR
OPGE REGIONAL OFFICE**

PLAZA ISABEL II BUILDING, 66 REINA ISABEL STREET,
PONCE, PUERTO RICO. 00730

CLIENT

PRIDCO

PROJECT NO.

DRAWING TITLE

LEGEND & NOTES

SET ISSUE DATE

2022-03-21

SCHEMATIC DESIGN

GENERAL

SHEET

E106



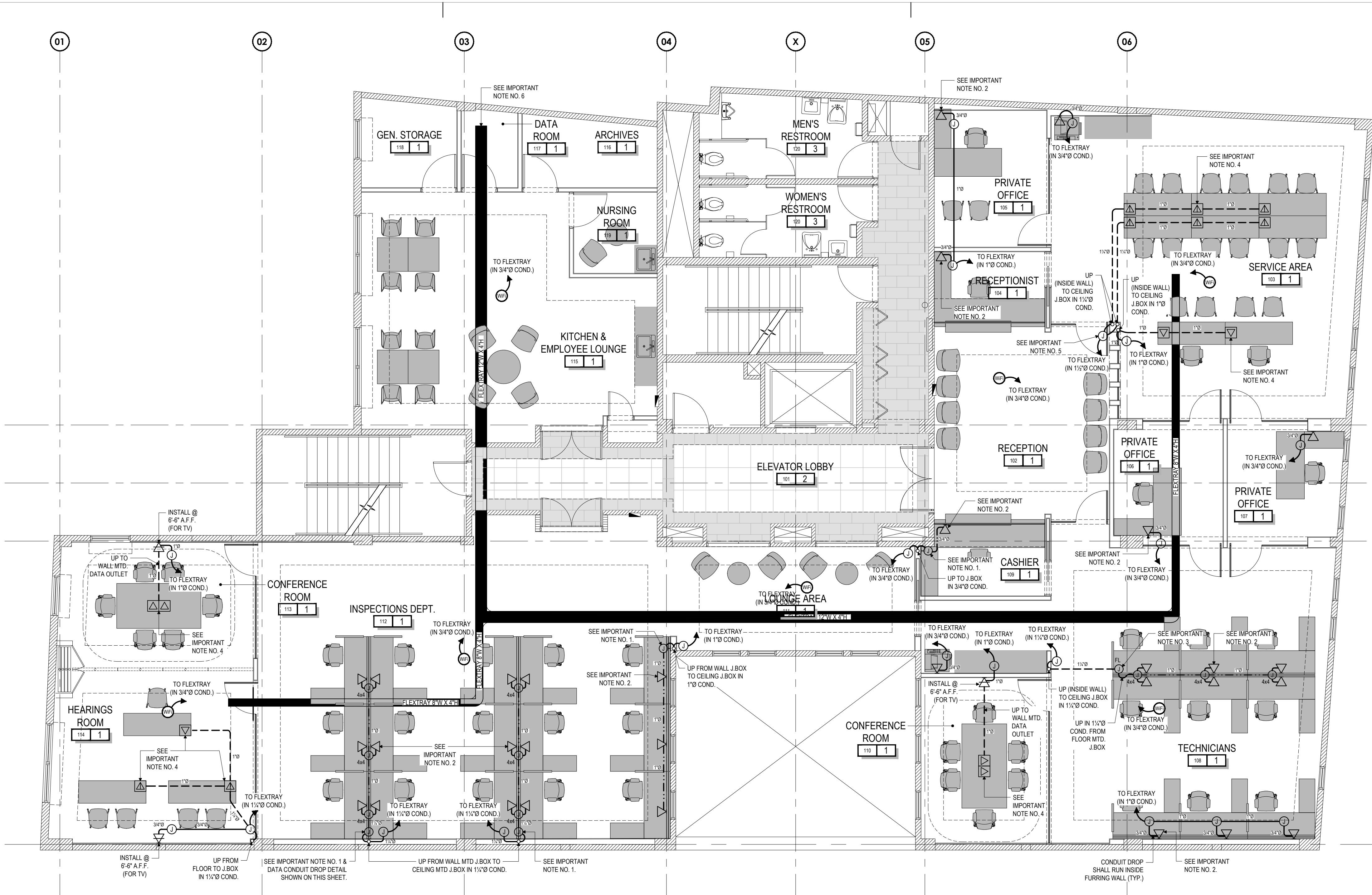
MG PEREZ ROSADO & ASOC.
Electrical Engineers & Environmental Consultants

MILDRED GISELA PEREZ ROSADO
electrical engineer consultant

lic. # 10287

PMB 440, 405 AVE. ESMERALDA
SUITE 2, GUAYNABO, P.R. 00969

TEL 787.766.0415



PROPOSED COMMUNICATIONS FLOOR PLAN

SCALE: 3/16"=1'-0"

LEGEND:

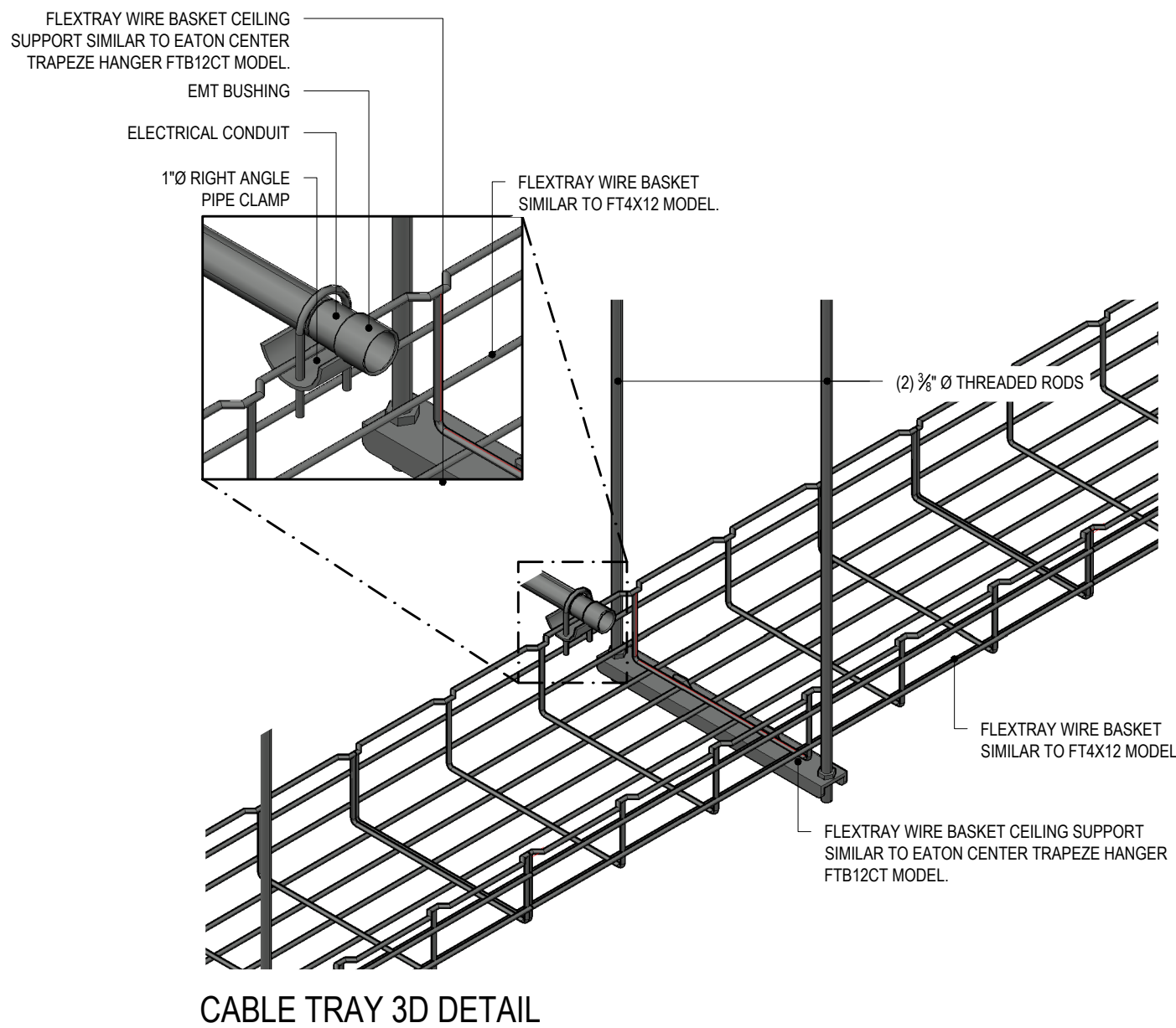
- NEW WALL MTD DATA OUTLET BOX @ 18" A.F.F. WITH (1) CAT6 UTP JACK MODULE SIMILAR TO "PANDUIT" NET KEY N6STM, WITH A ONE-GANG (1-PORT) FACEPLATE SIMILAR TO PANDUIT NET KEY N6KFN. FACEPLATE COLOR TO BE COORDINATED WITH THE ARCHITECT.
- SAME AS ITEM ABOVE, BUT TO BE INSTALLED @ 6" ABOVE COUNTER TOP OR AS INDICATED ON DWGS.
- NEW TWO-GANG CAST IRON FLOOR MTD BOX, FULLY ADJUSTABLE, SIMILAR TO "WIREMOLD" MODEL 880CS2-1, WITH A TWO-GANG FLANGE COVER WITH OPEN SYSTEM, BRUSH ALUMINUM COLOR. EACH ONE-GANG SPACE SHALL BE PROVIDED WITH (1) CAT6 UTP JACK MODULE SIMILAR TO "PANDUIT" NET KEY N6STM WITH A ONE-GANG (1-PORT) FACEPLATE SIMILAR TO PANDUIT NET KEY N6KFN. FACEPLATE COLOR TO BE COORDINATED WITH THE ARCHITECT.
- SAME AS ITEM ABOVE, BUT A ONE-GANG FLOOR MTD BOX SHALL BE INSTALLED, SIMILAR TO "WIREMOLD" MODEL 880CS1-1.
- SAME AS ITEM ABOVE, BUT PROVIDED WITH (2) CAT6 UTP JACK MODULES SIMILAR TO "PANDUIT" NET KEY N6STM WITH A ONE-GANG (2-PORTS) FACEPLATE SIMILAR TO PANDUIT NET KEY N6KFN. FACEPLATE COLOR TO BE COORDINATED WITH THE ARCHITECT.
- SUGGESTED LOCATION FOR A NEW CEILING MTD WIFI ACCESS POINT (OR EXTENDER), COORDINATE DEVICE FINAL LOCATION AND MODEL WITH OWNERS IT REPRESENTATIVE.)
- NEW CEILING MTD JUNCTION BOX 4" x 4" (OR AS RQRD.) WITH APPROPRIATE COVER.
- SAME AS ITEM ABOVE, BUT WALL MTD @ 18" A.F.F. OR AS INDICATED ON DWGS.
- NEW NON-METALLIC 4" x 4" x 2-1/8" JUNCTION BOX, WITH APPROPRIATE COVER TO BE INSTALLED ON WORKSTATION FURNITURE INSIDES. (COORDINATE EXACT LOCATION WITH FURNITURE SHOP DWGS.)
- NEW ONE-GANG CAST IRON FLOOR MTD BOX, FULLY ADJUSTABLE, SIMILAR TO "WIREMOLD" MODEL 880CS1-1, WITH ONE-GANG FLANGE COVER WITH OPEN SYSTEM, BRUSH ALUMINUM COLOR, TO BE INSTALLED ON FLOOR NEXT TO THE WORKSTATION FURNITURE. BOX SHALL BE PROVIDED WITH A ONE-GANG SCREW TYPE RECTANGULAR FLOOR BOX BRASS COVER PLATE WITH THREADED PLUS. SEE DATA CONDUIT RISER DETAIL (FROM FL. TO FURNITURE) ON THIS SHEET.
- NEW ENT CONDUIT FOR DATA/COMMUNICATIONS SYSTEM (PROVIDED WITH 1/8"Ø NYLON ROPE) TO RUN EXPOSED ABOVE HUNG CEILING OR INSIDE WALL. (CONDUIT SIZE AS INDICATED ON DWGS.)
- SAME AS ITEM ABOVE, BUT TO RUN EMBEDDED IN FLOOR SLAB OR WALL.
- NEW FLEXIBLE NON-METALLIC CONDUIT TO RUN IN WORKSTATIONS FURNITURE INSIDES. INSTALLATION METHOD SHALL BE COORDINATED WITH WORKSTATIONS FURNITURE SHOP DRAWINGS. (CONDUIT SIZE AS INDICATED ON DWGS.)
- NEW WIRE BASKET CABLE TRAY SUPPORTED EVERY 6'-0" AS PER DETAIL (SHOWN ON THIS SHEET). INSTALLED AT 10" ABOVE SUSPENDED CEILING. CABLE TRAY SHALL BE SIMILAR TO B-LINE FLEX TRAY. WIDTH OF FLEX TRAY AS PER DRAWINGS.

GENERAL NOTES

- CONTRACTOR SHALL RUN CAT6 SHIELDED CABLES TO EACH IDENTIFIED LOCATION STARTING FROM THE DATA ROOM.
- CONTRACTOR SHALL PROVIDE CERTIFICATION FOR EACH ETHERNET DROP BY UTILIZING THE APPROVED NOMENCLATURE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR COORDINATING SAID NOMENCLATURE WITH THE OWNERS IT REPRESENTATIVE.
- PROVIDE GROUND CONNECTION ON EACH SECTION OF FLEX TRAY WITH #8 TW GROUND JUMPER AND BOND AT EVERY END TO THE BUILDING MAIN GROUNDING SYSTEM.
- PROVIDE BUSHING AT OPEN END OF CONDUITS TO PROTECT CABLES.
- CONTRACTOR SHALL PROVIDE SEISMIC RESTRAIN TO FLEX TRAY. THE CONTRACTOR SHALL PROVIDE FROM SEISMIC RESTRAIN SYSTEM SUPPLIER STRUCTURAL CALCULATION FOR THE SYSTEM TO THE DESIGNER FOR APPROVAL.
- CONTRACTOR SHALL PROVIDE PIPE CLAMP AT FLEX TRAY TO PROVIDE GROUND CONNECTIVITY.
- CONTRACTOR SHALL PROVIDE CERTIFICATION FOR SHIELDED CAT6 CABLES INSTALLED THROUGHOUT THE PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPLETE DATA / COMMUNICATIONS SYSTEM INCLUDING CAT6 CABLES, TERMINALS (RJ45 CONNECTORS), FLEX TRAY REINFORCEMENT (OR ADDITIONAL SEGMENTS IF NEEDED), BOXES, CONDUITS AND NOMENCLATURES. ALL WORK SHALL BE COORDINATED WITH OWNERS IT REPRESENTATIVE.
- AT ALL FIRE RATED WALLS WITH CONDUITS AND FLEX TRAY PENETRATIONS, THE CONTRACTOR SHALL MAINTAIN EXISTING BUILDING FIRE RATING WITH AN APPROVED FIRE SEALING SYSTEM.
- ALL DATA OUTLETS AND PROVISIONS SERVING WORKSTATIONS AND SIMILAR OFFICE FURNITURE ITEMS SHALL BE COORDINATED WITH CHOSEN FURNITURE SUPPLIER/DISTRIBUTOR AS PER PRODUCTS MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS, AS THEY MAY DIFFER FROM WHAT IS INDICATED ON THESE PLANS.
- IF APPLICABLE, THE CONTRACTOR SHALL REMOVE OLD DATA WIRES AND UNUSED INFRASTRUCTURE AND UTILIZE NEW FLEX TRAY FOR NEW DATA INFRASTRUCTURE.
- IF APPLICABLE, THE CONTRACTOR SHALL COORDINATE THE STORAGE OR DISPOSAL OF ALL UNUSED CABLES AND DAMAGED OR UNUSED EQUIPMENT WITH OWNER.

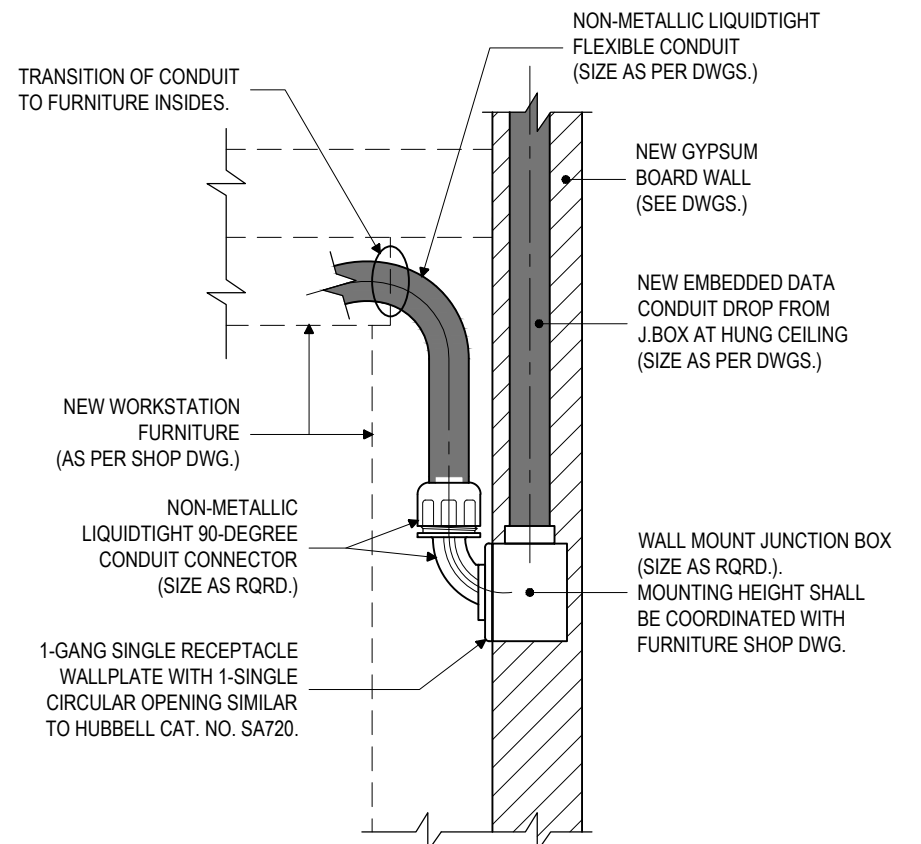
IMPORTANT NOTES

- FINAL HEIGHT OF WALL MTD. J.BOX SHALL BE COORDINATED WITH THE FURNITURE SHOP DRAWING FOR FACILITATING CONDUIT TRANSITION FROM THE WALL TO FURNITURE INSIDES.
- EXACT LOCATION OF DATA OUTLET SHALL BE COORDINATED WITH THE FURNITURE SHOP DRAWING.
- INSTALLATION OF J.BOX IS FOR FACILITATING CONDUIT TRANSITION FROM THE FLOOR TO FURNITURE INSIDES. EXACT LOCATION SHALL BE COORDINATED WITH THE ARCHITECT AND THE FURNITURE SHOP DRAWING.
- COORDINATE FINAL LOCATION WITH FLOOR MTD. POWER OUTLET PROVISIONS. (SEE ELECTRICAL POWER PLANS.)
- SELECT AN APPROPRIATE SIZE OF J.BOX PROVIDED WITH 1/2" AND 1 1/2" KNOCKOUTS.
- IN THE DATA ROOM, THE CONTRACTOR SHALL PROVIDE AT LEAST 30'-0" OF EXTRA CABLE FOR EACH DISTRIBUTED CAT6 CABLE. THE FIRST 10'-0" OF EACH EXTRA CABLE WILL BE LEFT AS A "SLACK LOOP", AND THE REMAINING ONE SHALL BE LEFT FOR FUTURE CONNECTION TO PATCH PANELS OR ANY OTHER NETWORK DEVICE (N.I.C.) TO BE SELECTED AND INSTALLED BY THE IT DEPARTMENT.



DATA CONDUIT RISER DETAIL (FROM FLOOR TO FURNITURE INSIDES)

SCALE: N.T.S.



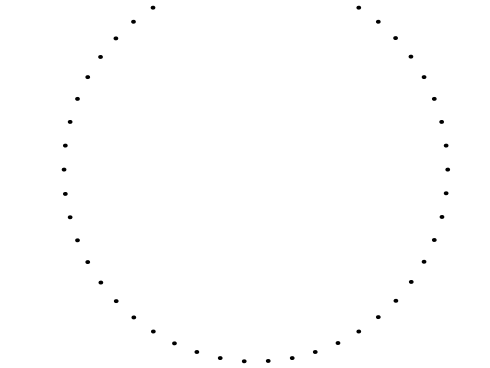
DATA CONDUIT DROP DETAIL (FROM HUNG CEILING TO FURNITURE INSIDES)

SCALE: N.T.S.

THIS DOCUMENT, ITS CONTENT AND CONCEPT ARE THE SOLE PROPERTY OF INTEGRA. USE, REPRODUCTION OR MODIFICATION OF ANY PART OR ENTIRELY ARE EXPRESSLY PROHIBITED, EXCEPT AS AGREED IN WRITING.
© INTEGRA DESIGN GROUP PSC

YO CARLOS I. BAEZ, DISEÑO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIÉN CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS O CORPORACIONES PÚBLICAS CON JURISDICCION. CERTIFICO, ADICIONALMENTE, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 6 DE ENERO DE 2004, SEGÚN ENMIENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTO RIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1998, SEGÚN ENMIENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMIENDADA, RECONOCIENDO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS O POR OTRAS PERSONAS CON MÍ CONCONCORDANTE, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGP.

Stamp:



10-Media/dec-logo-2021 (1).png

Revisions:

No. Date & Description

Project Name:

DDEC REORGANIZATION OF PHYSICAL SPACES

PLAZA ISABEL II BLDG. 66 REINA ISABEL ST., PONCE, PR 00739

Client:

DDEC

Project No.: 58-2036.0

Drawing Title:

PROPOSED COMMUNICATIONS FLOOR PLAN, DETAILS & NOTES

SET ISSUE DATE

2022.04.25

CONSTRUCTION DOCUMENTS

OGPe OFFICE - 3RD FLOOR

Sheet:

E107