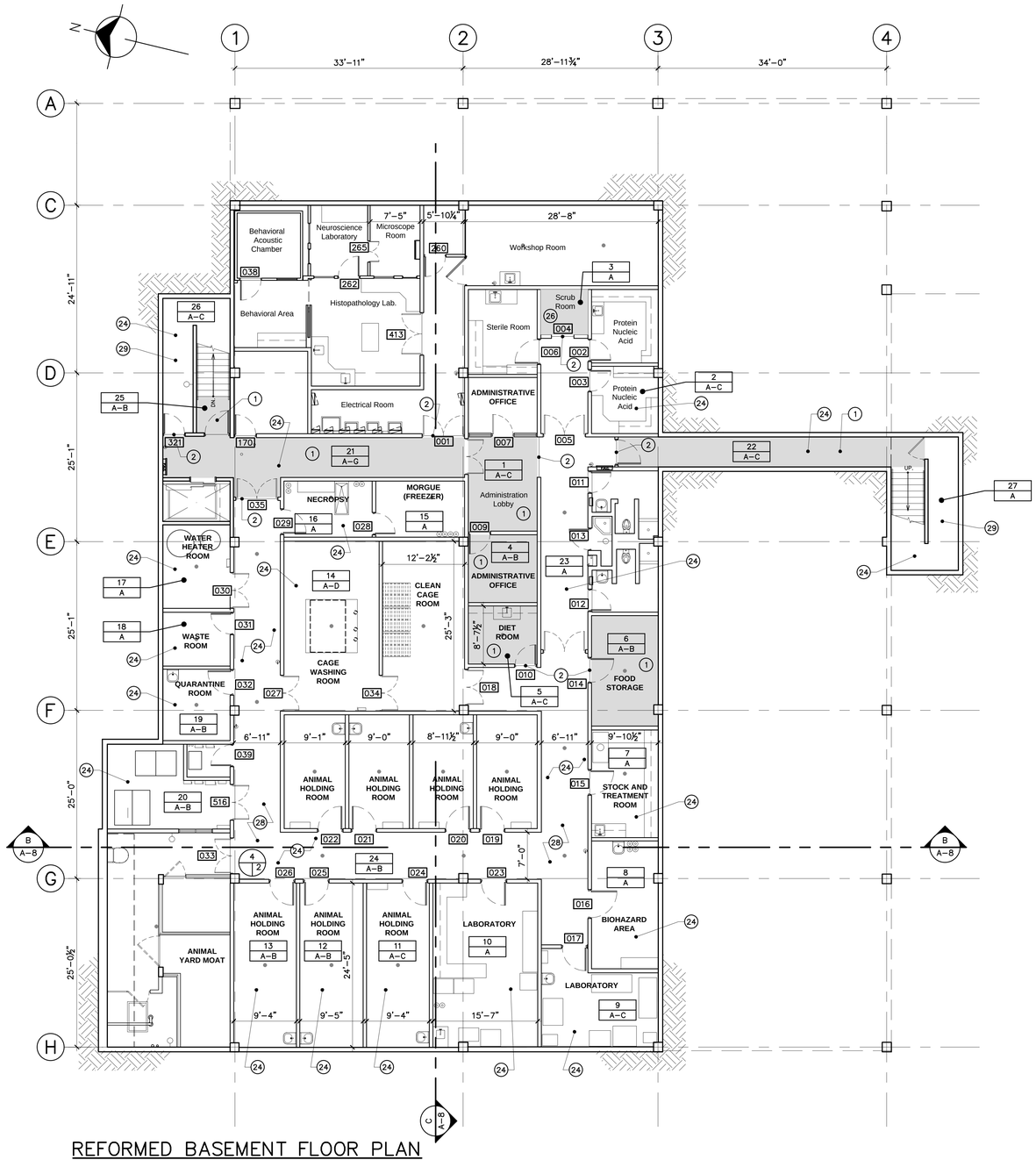
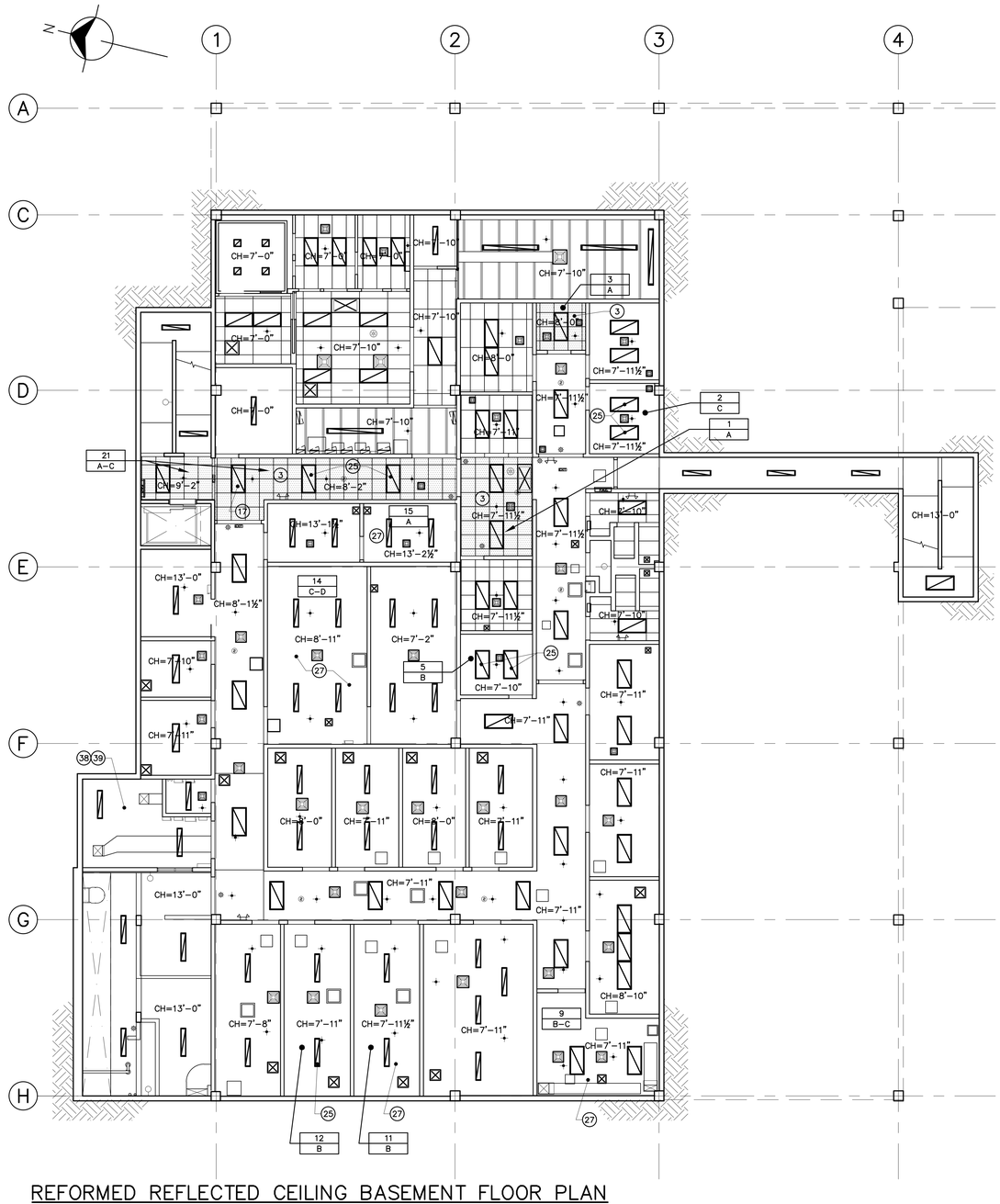


REFORMED BASEMENT FLOOR PLAN

SCALE=1/8"=1'–0"



REFORMED REFLECTED CEILING BASEMENT FLOOR PLAN

SCALE=1/8"=1'–0"

0 5 10 15 20 25

FEET 1/8"=1'-0"

DRAWING LEGEND:

1. PROVIDE NEW VINYL FLOORING AND BASE MOLDING (UNLESS OTHERWISE SPECIFIED) IN SHADED AREA. REFER TO FINISH SCHEDULE ON DRAWING A–18 AND TYPICAL DETAILS ON DRAWING A–17.
2. AT NEW FLOOR FINISH LIMIT PROVIDE TYPICAL REDUCER MOLDING SSR–XC–B BY JOHNSONITE A TARKETT CO. (800.899.8916 WWW.JOHNSONITE.COM) COLOR TO BE SELECTED BY A/E. INCLUDE THIS ITEM IN THE BASE BID OR ADDITIVE ALTERNATE AS APPLICABLE AND AS INDICATED IN FINISH SCHEDULE.
3. PROVIDE NEW TYPICAL ACOUSTICAL SUSPENDED CEILING TYPE–1 AS PER DETAILS IN DRAWING A–16. ALL CEILING MOUNTED ACCESSORIES TO REMAIN MUST BE CAREFULLY REINSTALLED. WHERE INDICATED INSTALL NEW LIGHTING FIXTURES AS PER ELECTRICAL DRAWINGS.
4. RESTORE & PAINT EXISTING HANDRAIL GALVANIZED STEEL
5. AREA OF THE BUILDING THAT IS 100% COMPLETED. NO WORK TO BE PERFORMED IN THIS AREA EVEN IF THE FEMA SOW CALLED FOR WORK IN THIS AREA.
6. PROVIDE NEW TYPICAL ACOUSTICAL SUSPENDED CEILING TYPE–2 AS PER DETAILS IN DRAWING A–16. ALL CEILING MOUNTED ACCESSORIES TO REMAIN MUST BE CAREFULLY REINSTALLED. WHERE INDICATED INSTALL NEW LIGHTING FIXTURES AS PER ELECTRICAL DRAWINGS.
7. REPLACE EXISTING CANOPY FABRIC. STRUCTURE MUST BE PAINTED AS PER PAINTING SCHEDULE.
8. NEW BUILT UP ROOFING SYSTEM TO BE AS PER TYPICAL ROOF SYSTEM DETAIL IN DRAWING A–7.
9. EXISTING ROOF DRAINS DOMES TO BE REPLACED.
10. EXISTING ROOF HATCH AND VERTICAL LADDER TO REMAIN.
11. PROVIDE NEW OVERFLOW AS PER DETAIL IN DRAWING A–7.
12. NEW SKYLIGHT UNIT EQUAL TO VELUX DYNAMIC DOME MODEL CMD2–3696, FOR HIGH VELOCITY HURRICANE ZONES WITH LUXGUARD PLUS IMPACT RESISTANT DOUBLE DOME GLAZING.
13. EXISTING A/C UNITS TO REMAIN.
14. NEW FLASHING
15. AREA TO BE PROVIDED WITH NEW SHEET VINYL FLOORING AS PER DETAIL A–17.
16. AREA TO BE PROVIDED WITH NEW CARPET FLOORING AS PER DETAIL A–17.
17. PROVIDE NEW LUMINARY AS PER ELECTRICAL DRAWINGS.
18. PROVIDE TYPICAL DOOR TOP PROTECTION DEVICE AS PER DETAIL IN DRAWING A–17.
19. REMOVE AND REPLACE VERTICAL BLIND (3.5 INCHES BLADES) 10'LX6'W.
20. FUME HOOD TO BE REMOVED AND REPLACED. OWNER MUST PROVIDE THE NEW FUME HOOD. CONTRACTOR MUST BE RESPONSIBLE TO CONNECT THE INFRASTRUCTURE OF THE NEW EQUIPMENT.
21. HANGING FROM STEEL JOIST PROVIDE NEW 3" DIA. PVC PIPE, INSULATED WITH ½" THICK CLOSED CELL ELASTOMATIC INSULATION. CONNECT INDIRECTLY TO EXISTING SANITARY SYSTEM FOR DRAINAGE OF AIR CONDITIONING PACKAGE UNITS.
22. INDIRECT DRAIN POINT OF CONNECTION. SEE TYPICAL CONDENSATE DRAIN DETAIL IN DRWG. A–7.1.
23. PERFORM NEW ROOF PENETRATION FOR CONNECTION OF A/C PACKAGE UNITS TO NEW CONDENSATE DRAIN LINE. SEE TYPICAL CONDENSATE DRAIN DETAIL IN DRWG. A–7.1.
24. REPAIR CEMENT PLASTER FINISH ON CONCRETE WALLS. PREPARE AND PAINT ALL WALLS AS PER PAINTING SCHEDULE.
25. PROVIDE NEW ACRYLIC LENS TO EXISTING LUMINARY TO MATCH TO EXISTING FIXTURE.
26. PROVIDE NEW VINYL FLOORING AND BASE MOLDING IN SHADED AREA AS PART OF THE WORKS DESCRIBED IN ADDITIVE ALTERNATE NO.4 IN DRWG. SOW–4. REFER TO FINISH SCHEDULE ON DRAWING A–18 AND TYPICAL DETAILS ON DRAWING A–17.
27. REPAIR DRYWALL SURFACES WALL OR CEILING AS DESCRIBED IN FEMA SOW. PREPARE AND PAINT DRYWALL SURFACE AS PER PAINTING SCHEDULE.
28. PREPARE, PAINT AND SEAL CONCRETE FLOOR WITH EPOXY FLOORING SYSTEM IN BATTLESHIP GRAY. REFER TO PAINTING SCHEDULE.
29. REPAIR CONCRETE FLOOR SURFACE AND SEAL WITH CLEAR EPOXY FLOORING SYSTEM. REFER TO PAINTING SCHEDULE.
30. SMALL CONDENSING UNITS MUST BE PROVIDED WITH NEW MOUNTING LEGS, LEVELED CONCRETE PAD AND TENSION CABLES AS PER CONDENSING UNIT ANCHORAGE DETAIL IN DRAWING A–7.1.
31. EXISTING CONDENSING UNITS MOUNTED OVER STEEL PLATFORMS. PLATFORMS MUST BE RETROFITTED AS PER TYPICAL A/C UNIT PLATFORM SUPPORT REINFORCEMENT DETAIL IN DRAWING A–7.1.
32. ALL EXISTING ROOF PACKAGE UNITS MUST BE PROVIDED WITH WIRE ROPE ANCHORING SYSTEM AS DESCRIBED IN TYPICAL A/C ANCHORING ASSEMBLY DETAIL a/A–7.1.
33. PERFORM STRAIGHT CUT ON EXISTING VINYL FLOORING AT LIMIT OF NEW VINYL FLOORING TO BE INSTALLED.
34. AREAS MARKED WITH LETTER Q ARE AREAS OF CRICKETS AND DRAINAGE SUMP WITH TAPERED INSULATION. REFER TO SECTIONS 1 AND 2 IN DRAWING A–6. THE CRICKETS LAYOUT WAS PREPARED BY SOPREMA TAPERED DEPARTMENT.
35. PREPARE AND PAINT TOILET AND URINAL PARTITIONS AS PER PAINTING SCHEDULE.
36. INSTALL NEW WALL CERAMIC TILES AS INDICATED IN FEMA SOW.
37. PROVIDE NEW BASE MOLDING AS PER FINISH SCHEDULE.
38. REPAIR CEMENT PLASTER FINISH ON CONCRETE CEILING. PREPARE AND PAINT CEILING AS PER PAINTING SCHEDULE.
39. REPAIR EXPOSED REBARS ON CONCRETE CEILING. REFER TO TYPICAL CONCRETE SLAB REPARATION DETAIL IN DRWG. A–17.
40. PROVIDE NEW 24" X 24" CEILING DIFFUSER (N=10" 4–WAY 360CFM) MODEL PAS–AA, TYPE FLUSH FACE, BY TITUS, ALUMINUM CONSTRUCTION, PAINTED TO MATCH EXISTING.
41. REMOVE EXISTING GLASS SIDELIGHT PANES AND CLEAN. RE–INSTALL GLASS PANES AT SIDELIGHT.
42. REMOVE AND REPLACE 2 DUCT MOUNT SMOKE DETECTORS AS PER NFPA 90A.
43. PROVIDE NEW WOOD DECK RAILING AS PER TYPICAL WOOD GUARDRAIL DETAIL IN DRAWING A–17.
44. PREPARE AND STAIN EXISTING WOOD BASE MOLDING AS PER PAINTING SCHEDULE.
45. PROVIDE ONE NEW PAIRED PANEL OPERABLE PARTITION, LAMINATED IN AMERICAN CHERRY WOOD VENEER TO MATCH EXISTING. PROVIDE ALL NECESSARY PERIMETER RUBBER GASKETS. SUBMIT FOR ARCHITECT APPROVAL DETAILED SHOP DRAWINGS AND SAMPLES PRIOR TO FABRICATION.
46. PROVIDE NEW TYPICAL ACOUSTICAL SUSPENDED CEILING TYPE–3 AS PER DETAILS IN DRAWING A–16. ALL CEILING MOUNTED ACCESSORIES TO REMAIN MUST BE CAREFULLY REINSTALLED. WHERE INDICATED INSTALL NEW LIGHTING FIXTURES AS PER ELECTRICAL DRAWINGS.
47. LUMINARIES WITHIN THIS SPACE MUST BE CAREFULLY REMOVED AND REINSTALLED AT NEW ACOUSTIC CEILING. EXCLUDE THIS LUMINARIES FROM ADDITIVE ALTERNATE #2.

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 9964
TELEPHONES: 787-783-5074 & 787-783-5106
E-mail: jfalejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE COMPUSO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS CANTIDADES Y ESPECIFICACIONES QUE LOS ACOMPAÑAN. QUE LOS MISMOS CUMPLEN CON LAS REGLAS Y REGLAMENTOS APLICABLES Y QUE LA CONSTRUCCION DE LAS OBRAS DESCRITAS EN LOS MISMOS ESTA DENTRO DE LA CAPACIDAD ESTRUCTURAL DE LOS MATERIALES Y LOS COMPONENTES ESTRUCTURALES QUE LOS COMPONEN. LAS EXCEPCIONES A ESTA CERTIFICACION SON LAS SIGUIENTES: N/A. EL DISEÑO ESTRUCTURAL HA SIDO REALIZADO CUMPLIENDO CON LAS DISPOSICIONES APLICABLES DE LA REGLAMENTACION VIGENTE EN PUERTO RICO, INCLUYENDO LA REGLAMENTACION PARA LA CONSTRUCCION Y DISEÑO DE EDIFICACIONES RESISTENTES A TERREMOTOS DE PUERTO RICO Y LAS ISLAS VIRGENES DE 2024, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 314 DE 15 DE MAYO DE 1998, SEGUN ENMENDADA. ESTOS PLANOS Y LAS CANTIDADES Y ESPECIFICACIONES QUE LOS ACOMPAÑAN SON SUFICIENTEMENTE CLAROS Y DETALLADOS PARA PERMITIR QUE LA OBRA SEA CONSTRUIDA DE MANERA EXPEDITA Y EFICIENTE, Y POR OTRAS PERSONAS CON MI CONOCIMIENTO, NO TAZEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUSPA.

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES

SHEET: A-1

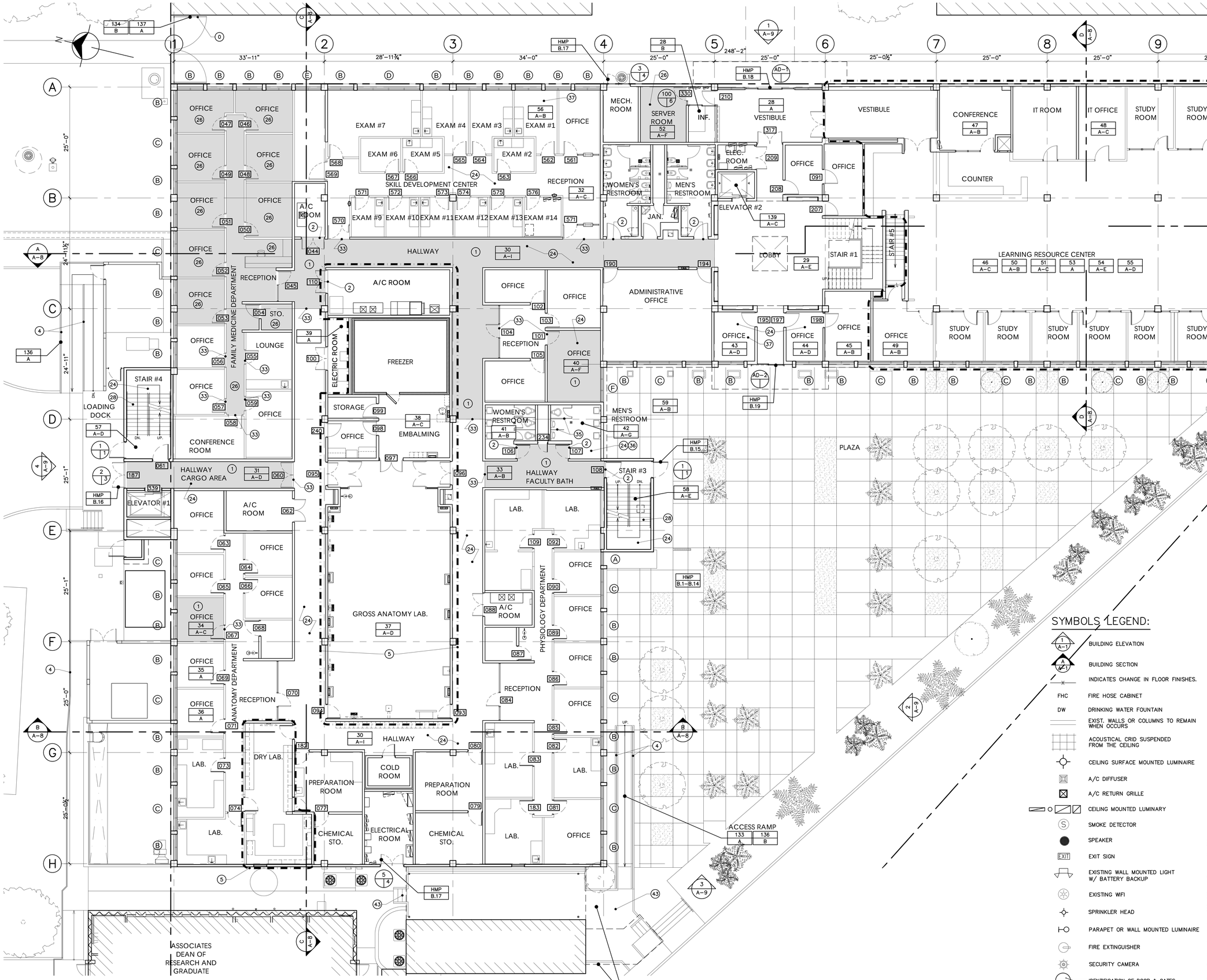
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE: REFORMED BASEMENT FLOOR & REFLECTED CEILING PLAN (MAIN BUILDING)

21 OF 59

JOB NO: 2312 | DATE: OCTOBER, 2026 | SCALE: 1/8"=1'-0"

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



REFORMED FIRST FLOOR PLAN

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

0 5 10 15 20 25 FEET 1/8"=1'-0"

SYMBOLS LEGEND:

- BUILDING ELEVATION
- BUILDING SECTION
- INDICATES CHANGE IN FLOOR FINISHES.
- FHC — FIRE HOSE CABINET
- DW — DRINKING WATER FOUNTAIN
- EXIST. WALLS OR COLUMNS TO REMAIN WHEN OCCURS
- ACOUSTICAL CRID SUSPENDED FROM THE CEILING
- CEILING SURFACE MOUNTED LUMINAIRE
- A/C DIFFUSER
- A/C RETURN GRILLE
- CEILING MOUNTED LUMINARY
- SMOKE DETECTOR
- SPEAKER
- EXIT SIGN
- EXISTING WALL MOUNTED LIGHT W/ BATTERY BACKUP
- EXISTING WIFI
- SPRINKLER HEAD
- PARAPET OR WALL MOUNTED LUMINAIRE
- FIRE EXTINGUISHER
- SECURITY CAMERA
- IDENTIFICATION OF DOOR & GATES HARDWARE SET
- IDENTIFICATION OF WINDOWS & STORE FRONTS
- A1 / A–B — FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW–1 TO SOW–3.

FOR DRAWING LEGEND, SEE DRWG. A-1

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P. O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ja-pr.com

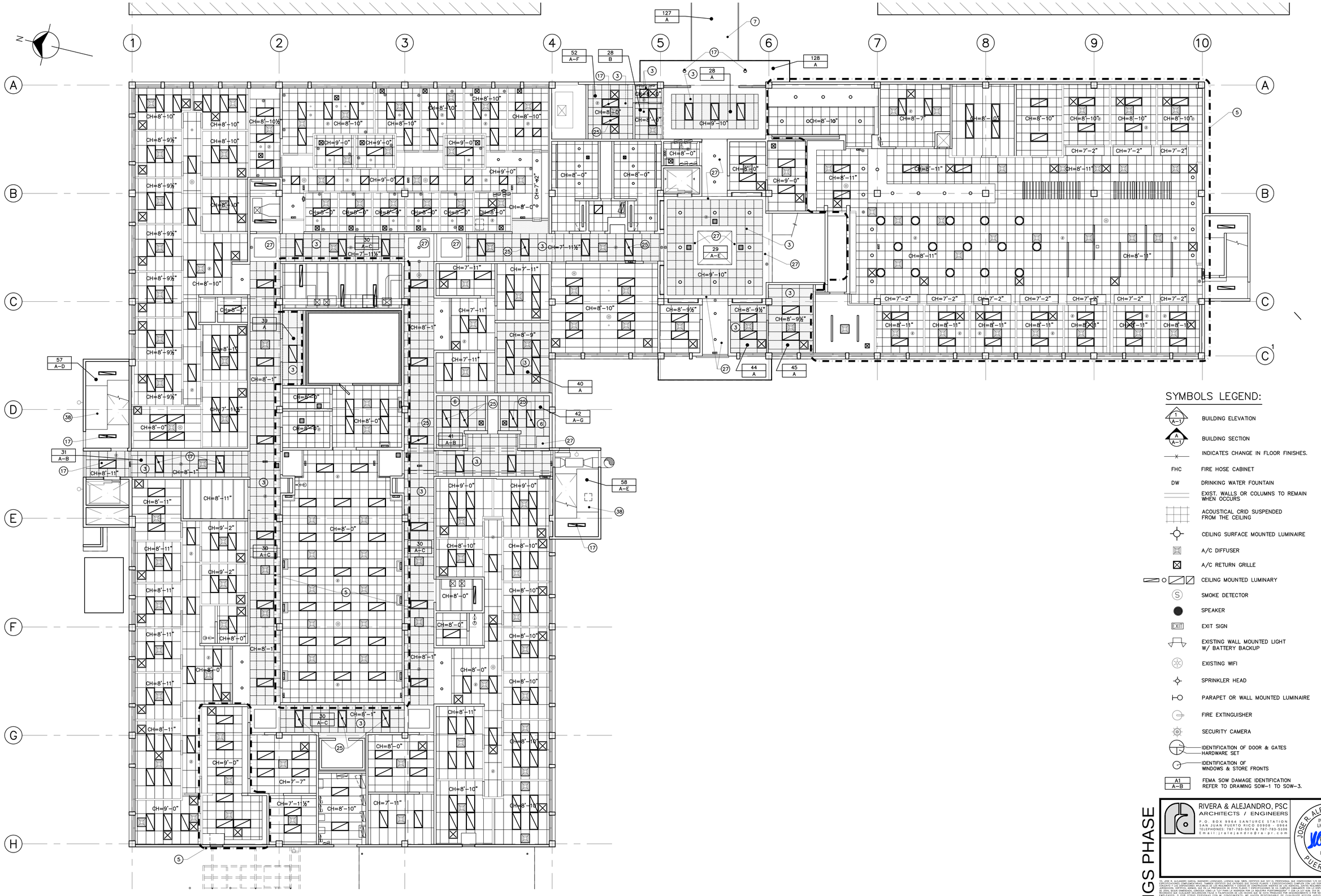
JOSE R. ALEJANDRO GARCIA INGENIERO LICENCIADO LIC. 5805 PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO LOS DISEÑOS Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCION Y USO DE LA JURISDICCION DONDE SE VAN A CONSTRUIR, Y QUE HE CUMPLIDO CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCION Y USO DE LA JURISDICCION. CERTIFICO, ADEMAS, QUE DE LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SI HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 8 DE JULIO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 313 DE 15 DE MAYO DE 1998, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA EN EL SIGLO XXI". ASIMISMO, CERTIFICO QUE SOY UN PROFESIONAL INDEPENDIENTE Y QUE NO TENGO NINGUN INTERES PECUNIARIO EN LA CONSTRUCCION DE ESTE PROYECTO. EXPRESO, Y POR OTRAS PERSONAS CON RELACIONADOS, NO HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUSTA.

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES	SHEET A-2
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.	
DRAWING TITLE: REFORMED FIRST FLOOR PLAN (MAIN BUILDING)	22 of 59
JOB NO. 2312 · DATE OCTOBER, 2026 · SCALE 1/8"=1'-0"	

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



REFORMED REFLECTED CEILING FIRST FLOOR PLAN

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

0 5 10 15 20 25

FEET 1/8"=1'-0"

SYMBOLS LEGEND:

- 1 / A–1 — BUILDING ELEVATION
- A / A–1 — BUILDING SECTION
- INDICATES CHANGE IN FLOOR FINISHES.
- FHC — FIRE HOSE CABINET
- DW — DRINKING WATER FOUNTAIN
- EXIST. WALLS OR COLUMNS TO REMAIN WHEN OCCURS
- ACOUSTICAL CRID SUSPENDED FROM THE CEILING
- CEILING SURFACE MOUNTED LUMINAIRE
- A/C DIFFUSER
- A/C RETURN GRILLE
- CEILING MOUNTED LUMINARY
- SMOKE DETECTOR
- SPEAKER
- EXIT — EXIT SIGN
- EXISTING WALL MOUNTED LIGHT W/ BATTERY BACKUP
- EXISTING WIFI
- SPRINKLER HEAD
- PARAPET OR WALL MOUNTED LUMINAIRE
- FIRE EXTINGUISHER
- SECURITY CAMERA
- IDENTIFICATION OF DOOR & GATES HARDWARE SET
- IDENTIFICATION OF WINDOWS & STORE FRONTS
- A1 / A–B — FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW–1 TO SOW–3.

FOR DRAWING LEGEND, SEE DRWG. A-1

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@jra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE COMPUTADORIZO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ESTOS PLANOS Y ESPECIFICACIONES SUPLEN POR LAS CONDICIONES EXISTENTES, CUMPLEN CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTADORES Y CORPORACIONES PUBLICAS CON JURISDICCION SOBRE LA OBRA PROPUESTA. ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LA LEY NUM. 416 DE 22 DE SEPTIEMBRE DE 2004, SEGUN ENMENDADA, CONOCIDA COMO "LEY PARA LA NORMA DE LA ARQUITECTURA PUERTORRIQUEÑA" Y CON LA LEY NUM. 454 DE 15 DE MAYO DE 1936, SEGUN ENMENDADA, REQUIRIENDO QUE CUALQUIER DESVIACION FINAL A PLASMADOS EN LOS PLANOS QUE SE HAYA PRODUCIDO POR INCONFORMIDADES Y POR REQUERIMIENTO DE CLIENTE NO SEA RESPONSABILIDAD MIA SINO DE LOS EMPLEADOS, Y POR OTRAS PERSONAS CON MI CONOCIMIENTO, NO HAGAN RESPONSABLE DE CUALQUIER ACCION ORIGINAL Y DESCRIPCIONES POR LA OBRA.

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES	SHEET: A-3
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.	
DRAWING TITLE: REFORMED FIRST FLOOR REFLECTED CEILING PLAN (MAIN BUILDING)	23 OF 59
JOB NO. 2312 — DATE: OCTOBER, 2026 — SCALE: 1/8"=1'-0"	

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.

REFORMED SECOND FLOOR PLAN

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

FOR DRAWING LEGEND, SEE DRWG. A-1

SYMBOLS LEGEND:

- BUILDING ELEVATION
- BUILDING SECTION
- INDICATES CHANGE IN FLOOR FINISHES.
- FHC — FIRE HOSE CABINET
- DW — DRINKING WATER FOUNTAIN
- EXIST. WALLS OR COLUMNS TO REMAIN WHEN OCCURS
- ACOUSTICAL CRID SUSPENDED FROM THE CEILING
- CEILING SURFACE MOUNTED LUMINAIRE
- A/C DIFFUSER
- A/C RETURN GRILLE
- CEILING MOUNTED LUMINARY
- SMOKE DETECTOR
- SPEAKER
- EXIT SIGN
- EXISTING WALL MOUNTED LIGHT W/ BATTERY BACKUP
- EXISTING WIFI
- SPRINKLER HEAD
- PARAPET OR WALL MOUNTED LUMINAIRE
- FIRE EXTINGUISHER
- SECURITY CAMERA
- IDENTIFICATION OF DOOR & GATES HARDWARE SET
- IDENTIFICATION OF WINDOWS & STORE FRONTS
- A1 / A-B — FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW-1 TO SOW-3.

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9984 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0984
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

EL JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCIONES Y URBANIZACIONES VIGENTE EN EL MUNICIPIO DE SAN JUAN, PUERTO RICO. ASIMISMO CERTIFICO QUE SOY EL PROFESIONAL AUTORIZADO POR LA LEY EN LA 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 REFORMA DEL PROCESO DE PERMISOS DE PUERTO RICO. POR LA PRESENTE RENUNCIO A CUALQUIER RECLAMACION O REMEDIO 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 CONSENTIMIENTO, ME HAGAN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA CIPA.

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

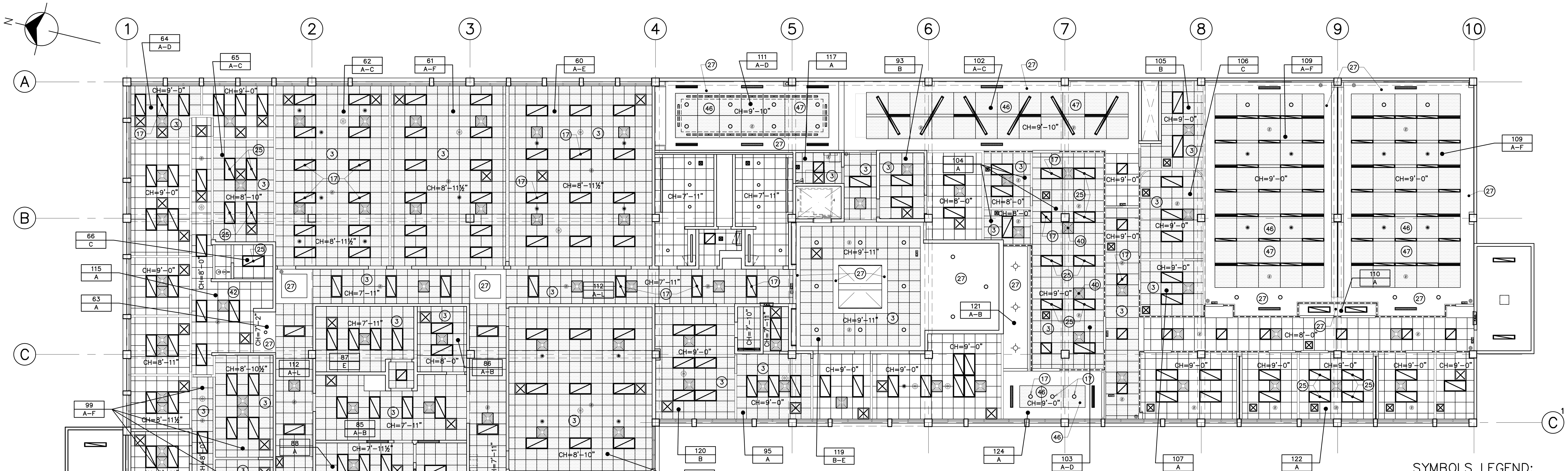
DRAWING TITLE: REFORMED SECOND FLOOR PLAN (MAIN BUILDING)

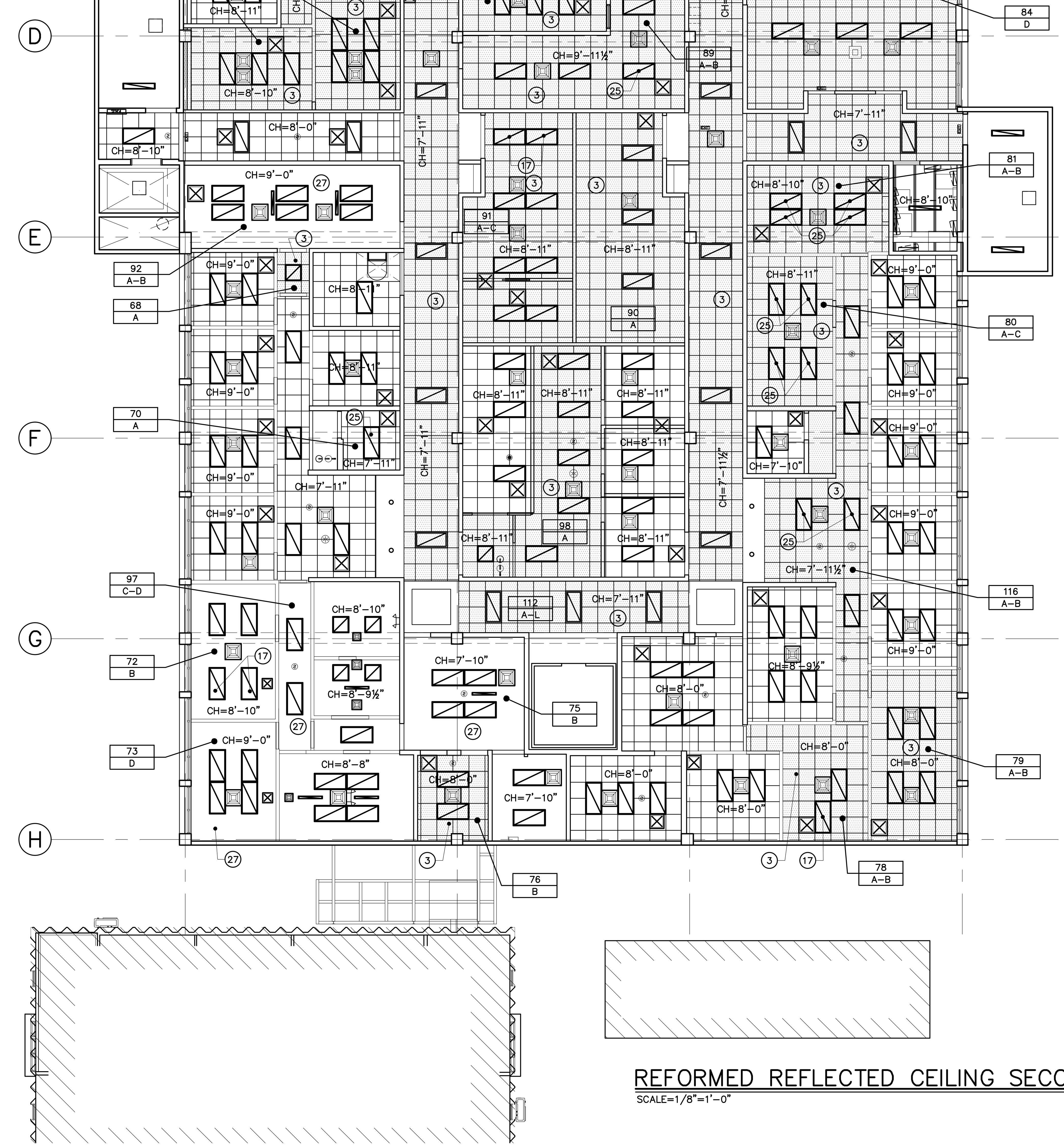
SHEET: A-4

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/8"=1'-0"

24 OF 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.





REFORMED REFLECTED CEILING SECOND FLOOR PLAN

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

0 5 10 15 20 25
FEET 1/8"=1'-0"

FOR DRAWING LEGEND, SEE DRWG. A-1

SYMBOLS LEGEND:

Symbol	Description
1 / A-1	BUILDING ELEVATION
A / A-1	BUILDING SECTION
	INDICATES CHANGE IN FLOOR FINISHES.
FHC	FIRE HOSE CABINET
DW	DRINKING WATER FOUNTAIN
	EXIST. WALLS OR COLUMNS TO REMAIN WHEN OCCURS
	ACOUSTICAL CRID SUSPENDED FROM THE CEILING
	CEILING SURFACE MOUNTED LUMINAIRE
	A/C DIFFUSER
	A/C RETURN GRILLE
	CEILING MOUNTED LUMINARY
S	SMOKE DETECTOR
	SPEAKER
EXIT	EXIT SIGN
	EXISTING WALL MOUNTED LIGHT W/ BATTERY BACKUP
	EXISTING WIFI
	SPRINKLER HEAD
	PARAPET OR WALL MOUNTED LUMINAIRE
	FIRE EXTINGUISHER
	SECURITY CAMERA
	IDENTIFICATION OF DOOR & GATES HARDWARE SET
	IDENTIFICATION OF WINDOWS & STORE FRONTS
A1 / A-B	FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW-1 TO SOW-3.

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email:jralejandro@ra-pr.com

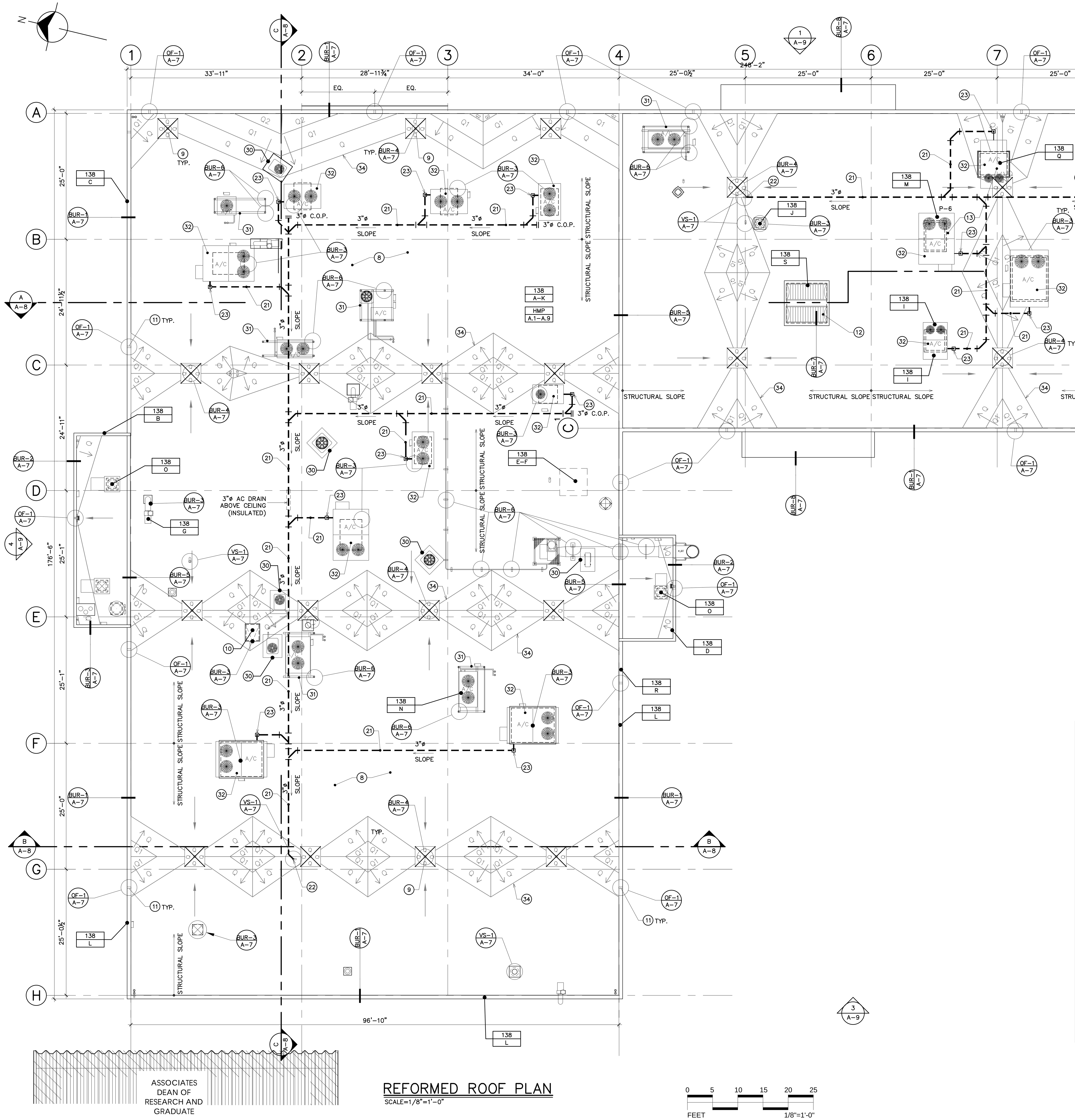
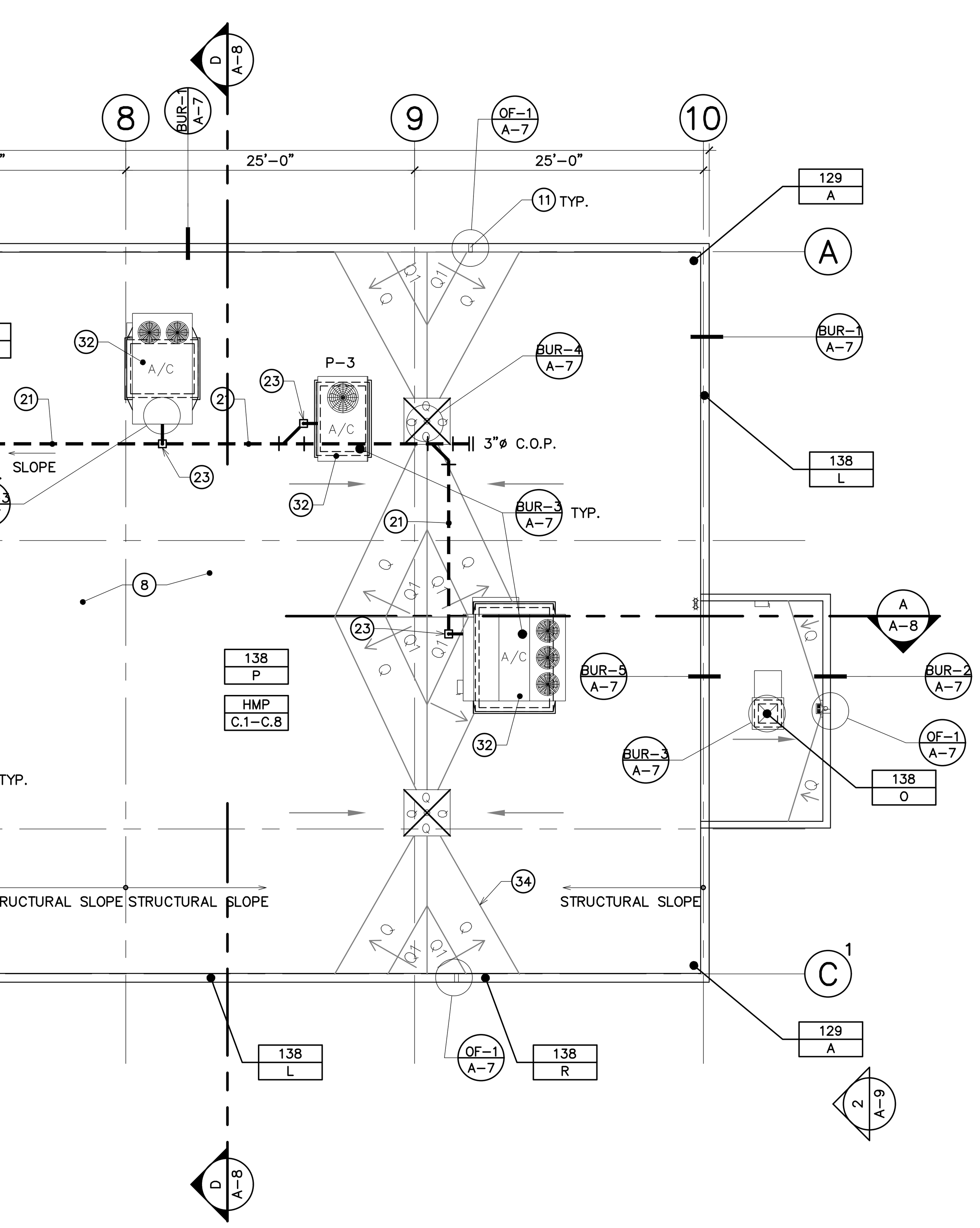
JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS 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 PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, 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.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES	SHEET A-5
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.	
DRAWING TITLE: REFORMED SECOND FLOOR REFLECTED CEILING PLAN (MAIN BUILDING)	25 OF 59
JOB NO. 2312 · DATE OCTOBER, 2026 · SCALE 1/8"=1'-0"	

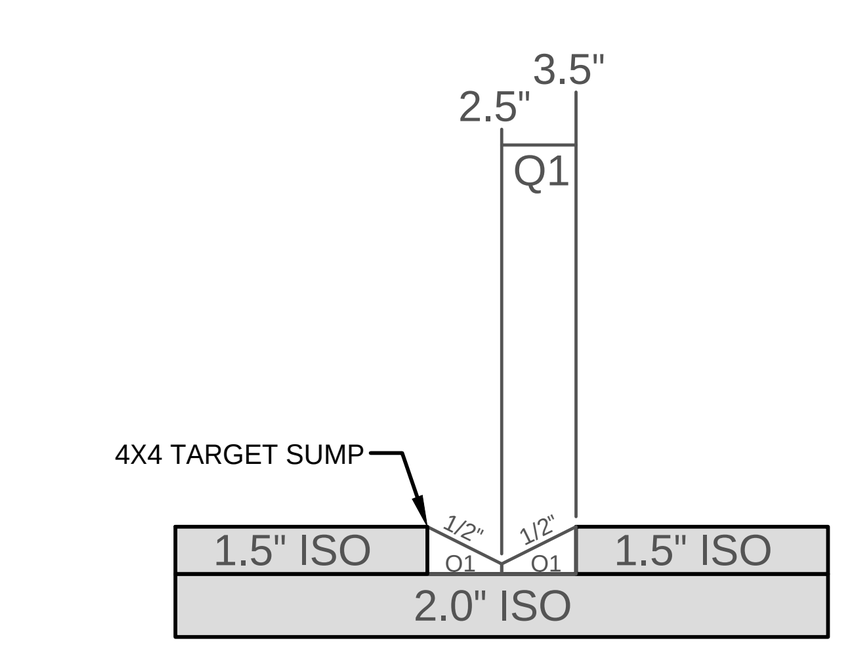
THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.

REFORMED ROOF PLAN

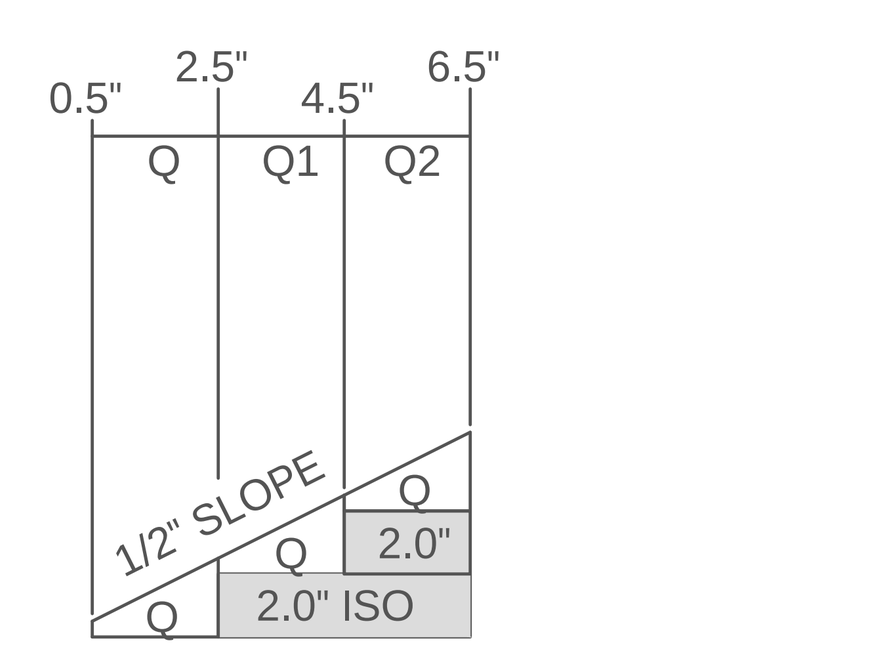
SCALE=1/8"=1'-0"

0 5 10 15 20 25
FEET 1/8"=1'-0"



1 PROFILE VIEW OF SUMPS AND SLOPED ROOFS

Scale: NTS



2 PROFILE VIEW OF CRICKETS

1/2" CRICKET SLOPE

Scale: NTS

TAPERED SYSTEM PROPERTIES

TAPERED PANELS:	SOPRA-ISO-R-20-PSI
FILL PANELS:	SOPRA-ISO-R-20-PSI
MIN. THICKNESS:	3.5"
MAX. THICKNESS:	3.5"
SLOPE (in/ft):	1/2"
CRICKET PANELS:	SOPRA-ISO-R-20-PSI
FILL PANELS:	SOPRA-ISO-R-20-PSI
MIN. THICKNESS:	0.5"
MAX. THICKNESS:	6.4"
SLOPE (in/ft):	1/2"
R-VALUE PER INCH:	5.7
MINIMUM R-VALUE:	20
AVERAGE R-VALUE:	21.90

ALL MATERIAL IS 4' x 4' UNLESS OTHERWISE NOTED

DRAWING LEGEND

- INDICATES DRAIN SUMP - SEE DRAIN SUMP DETAIL
- INDICATES DRAINAGE DIRECTION USING TAPERED INSULATION
- INDICATES STRUCTURAL DECK SLOPE - FLAT POLYISO INCLUDED

FOR DRAWING LEGEND, SEE DRWG. A-1

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email:jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

REVISIONS: * * * * — REVISION DATE: * * * *

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

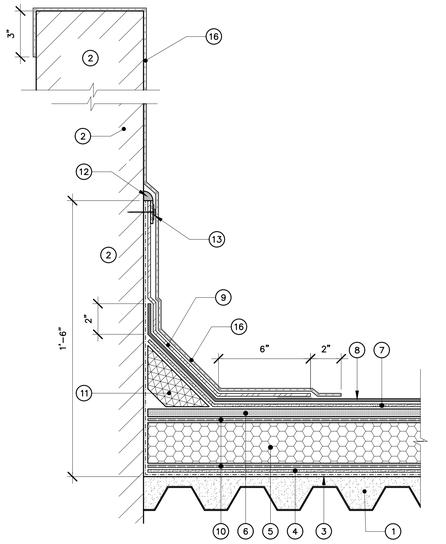
DRAWING TITLE: REFORMED ROOF PLAN (MAIN BUILDING)

JOB NO. 2312 — DATE OCTOBER, 2026 — SCALE 1/8"=1'-0"

SHEET A-6

26 OF 59

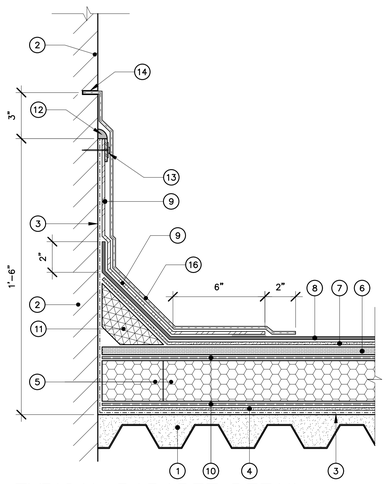
THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



TYPICAL PARAPET DETAIL (LOW PARAPET)

SCALE: 3"=1'-0"

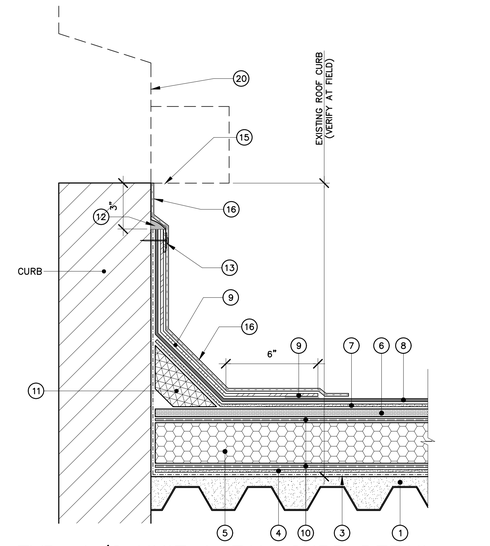
BUR-1 / A-7



TYPICAL PARAPET DETAIL (HIGH PARAPET)

SCALE: 3"=1'-0"

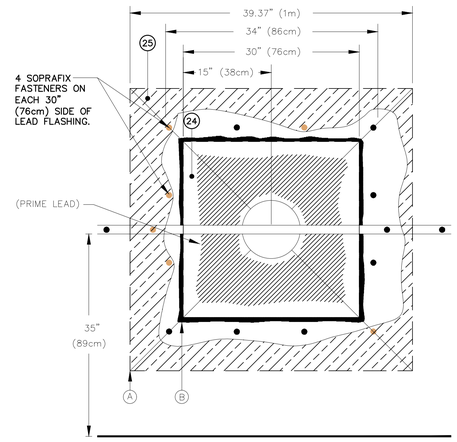
BUR-2 / A-7

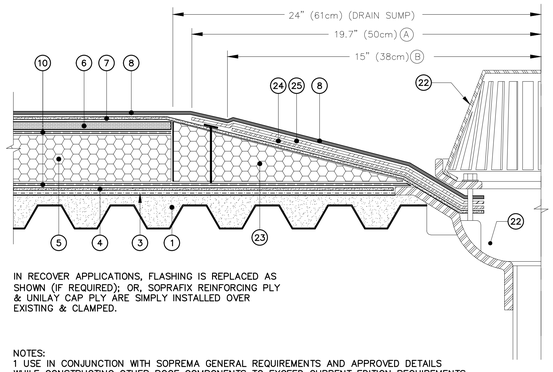


TYP. A/C UNIT & FAN CURB DETAIL

SCALE: 3"=1'-0"

BUR-3 / A-7





IN RECOVER APPLICATIONS, FLASHING IS REPLACED AS SHOWN (IF REQUIRED); OR, SOPRAFIX REINFORCING PLY & UNILAY CAP PLY ARE SIMPLY INSTALLED OVER EXISTING & CLAMPED.

NOTES:
1 USE IN CONJUNCTION WITH SOPREMA GENERAL REQUIREMENTS AND APPROVED DETAILS WHILE CONSTRUCTING OTHER ROOF COMPONENTS TO EXCEED CURRENT EDITION REQUIREMENTS OF FM APPROVALS, SMACNA, NRCA, ANSI/SPRI ES-1 AND FLORIDA BUILDING CODE-RAS NO. 111 WITH THE MOST STRINGENT REQUIREMENTS OR RECOMMENDATIONS PREVAILING.

2 SOPREMA ADHESIVES, CEMENTS, MASTICS, PRIMERS AND SEALANTS ARE REQUIRED WHERE INDICATED.

TYPICAL ROOF UNILAY DRAIN DETAIL

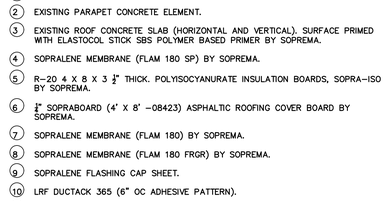
N.T.S.

BUR-4 / A-7

THE INSTALLATION OF THE PROPOSED BUR SYSTEM MUST COMPLY WITH PR BUILDING CODE 2018 AND ASCE 7-22.

LEGEND: (TYPICAL BUR DETAILS)

1. NEW ENGINEERING CONCRETE TOPPING OVER EXISTING METAL DECK.
2. EXISTING PARAPET CONCRETE ELEMENT.
3. EXISTING ROOF CONCRETE SLAB (HORIZONTAL AND VERTICAL). SURFACE PRIMED WITH ELASTOCOL STICK SBS POLYMER BASED PRIMER BY SOPREMA.
4. SOPRALENE MEMBRANE (FLAM 180 SP) BY SOPREMA.
5. R-20 4 X 8 X 3 ½" THICK. POLYISOCYANURATE INSULATION BOARDS, SOPRA-ISO BY SOPREMA.
6. ½" SOPRABOARD (4' X 8' -08423) ASPHALTIC ROOFING COVER BOARD BY SOPREMA.
7. SOPRALENE MEMBRANE (FLAM 180) BY SOPREMA.
8. SOPRALENE MEMBRANE (FLAM 180 FRGR) BY SOPREMA.
9. SOPRALENE FLASHING CAP SHEET.
10. LRF DUCTACK 365 (6" OC ADHESIVE PATTERN).
11. FIBER CANT STRIP (SOPRAROCK CANT STRIP).
12. CONTINUOUS BEAD OF SENTINEL UNIVERSAL SEALANT.
13. TERMINATION BAR WITH FASTEN AT 8" OC MAXIMUM ALONG TOP LEADING EDGE.
14. SAW CUT.
15. SOPRAMASTIC SP1.
16. ALSAN 230 RS FLASHING WHITE & ALSAN RS FLEECE SYSTEMS.
17. HOT-AIR WELD.
18. ⅛" THICK ONE PIECE ALUMINUM SLEEVE-OVERFLOW.
19. FLASHING MEMBRANE (HOT AIR WELDED).
20. EXISTING FAN OR A/C UNIT TO REMAIN.
21. NEW OVERFLOW.
22. EXISTING ROOF DRAIN BOWL TO REMAIN. PROVIDE NEW CLAMPING RING AND STRAINER.
23. TAPERED INSULATION SUMP AROUND PRIMARY DRAINS.
24. 30" X 30" ALSAN 230 RS FLASHING.
25. SOPRAFIX MEMBRANE (HEAT WELDED).
26. EXISTING DOOR & FRAME TO REMAIN.
27. .125 INCH ALUMINUM COUNTER FLASHING.
28. EXISTING GLASS BLOCK TO REMAIN.
29. EXISTING BASE SUPPORT TO REMAIN (CLEAN THE METAL BEFORE APPLYING THE ASLSAN RS FLASHING).
30. FOR HORIZONTAL SURFACES, COMPLETELY FILL THE CONFIGURATION WITH SOPRAMASTIC PF.
31. FOR VERTICAL SURFACES, COMPLETELY FILL THE CONFIGURATION WITH SOPRAMASTIC SP2.
32. EXISTING VENT TO REMAIN.
33. EXISTING SKYLIGHT TO REMAIN.
34. SOPRAFIX FASTENER PATTERN TO COMPLY WITH PR BUILDING CODE 2018 AND ASCE 7-22.
35. TREATED WOOD NAILER
36. CONTINUOUS METAL HOOK STRIP (MIN. 18 GAUGE)
37. METAL COPING CAP WITH WATERTIGHT JOINTS. (MIN. 18 GAUGE)
38. GROMMETTED FASTENER 12" O.C.
39. MULTI-PURPOSE TAPE
40. NEW SKYLIGHT UNIT. REFER TO ITEM 12 OF LEGEND IN DRAWING A-1.
41. EXISTING PITCH POCKET TO BE RESEALED AS SHOWN.



Wind Uplift (psf)

Building Height ft :	Zones 1	2	3
0-15	46	77	116
20	49	82	123
25	51	85	128
30	53	89	134
40	56	94	142
50	59	99	149
60	61	102	154

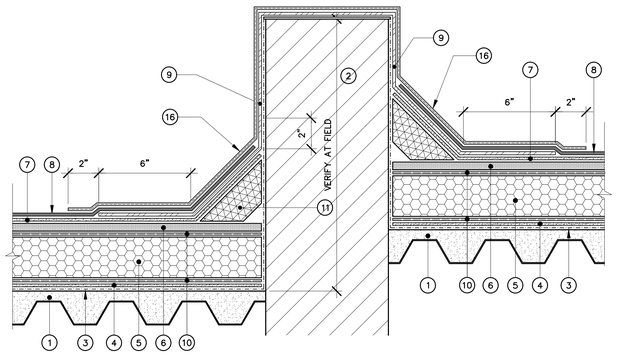
- for building up to 25 ft. height
- a=Wx0.1, greater than 3'-0"
- exposure "c" as per ASCE 7-05

ROOF PLAN UPLIFT LOADS FOR BUILT-UP SYSTEM

N.T.S.

NOTES

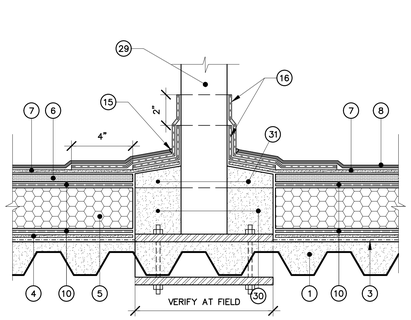
THE CONTRACTOR MUST CLEAN THE EXISTING EXPOSED SURFACE ONCE THE EXISTING SYSTEM IS REMOVED, EXPOSED SURFACE MUST BE WATER BLASTED BEFORE INSTALLING NEW SYSTEM.



TYPICAL PARAPET DETAIL (INTERMEDIATE PARAPET)

SCALE: 3"=1'-0"

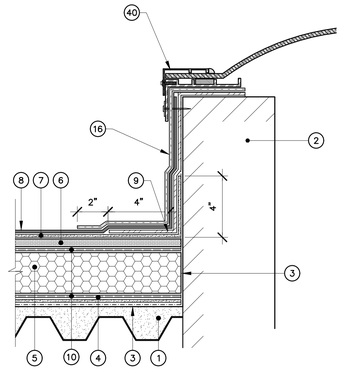
BUR-5 / A-7



TYP. METAL SUPPORT DETAIL

SCALE: 3"=1'-0"

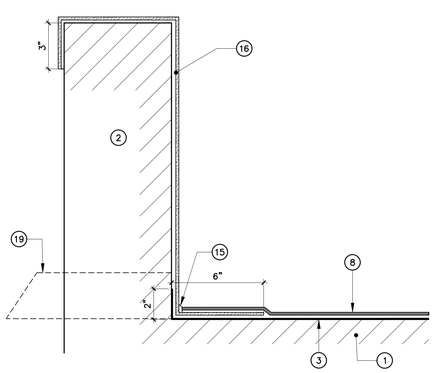
BUR-6 / A-7



TYPICAL SKYLIGHT DETAIL

SCALE: 3"=1'-0"

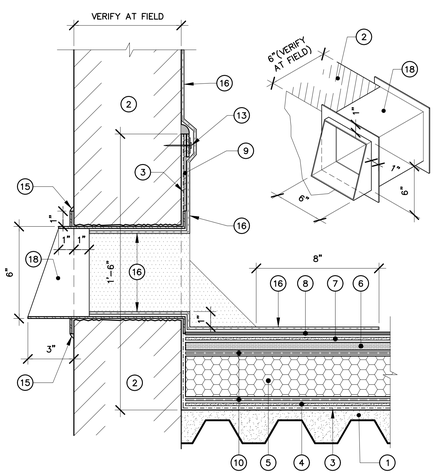
BUR-7 / A-7



TYPICAL PARAPET DETAIL (STAIR PARAPET)

SCALE: 3"=1'-0"

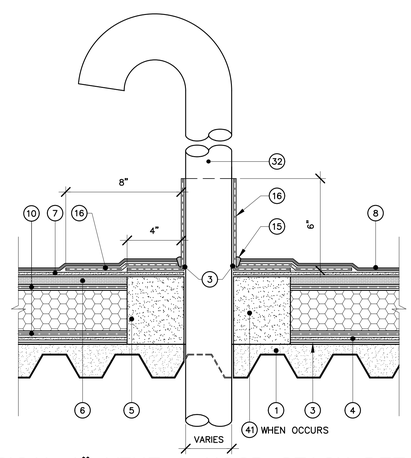
BUR-8 / A-7



TYPICAL OVERFLOW DETAIL

SCALE: 3"=1'-0"

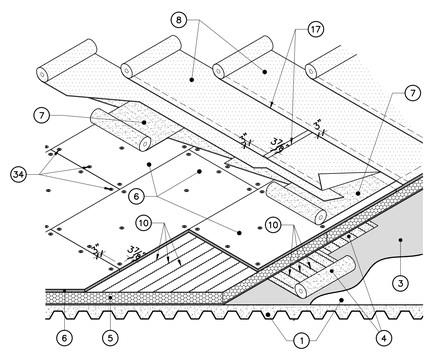
OF-1 / A-7



TYPICAL 1" VENT & HOOD STACK DETAIL

SCALE: 3"=1'-0"

VS-1 / A-7



NOTES:

1. SOPREMA DETAIL DRAWINGS: REFER TO SOPREMA AND OTHER RELATED PUBLISHED DOCUMENTATION, PRODUCT DATA SHEETS (PDS) AND SAFETY DATA SHEETS (SDS) FOR ADDITIONAL INFORMATION. ALL DETAIL DRAWINGS AND RELATED INSTALLATION GUIDELINES ARE PROVIDED BY SOPREMA FOR THE SOLE PURPOSE OF ISSUING A SOPREMA WARRANTY. THE SOPREMA PROPOSED SYSTEM MUST COMPLY WITH PR BUILDING CODE 2018 AND ASCE 7-22.
2. FASTENING PATTERNS PROVIDED BY SOPREMA ARE FOR SOPREMA WARRANTY PURPOSES. REFER TO LOCAL BUILDING CODES, DESIGNER OF RECORD DOCUMENTS, AND JURISDICTIONAL/AGENCY APPROVALS FOR PROJECT-SPECIFIC FASTENING REQUIREMENTS.
3. ROOF ZONE GUIDELINES PROVIDED HEREIN ARE OFFERED FOR REFERENCE. REFER TO ASCE/SEI 7 FOR SPECIFIC REQUIREMENTS.

TYP. ROOF SYSTEM DETAIL

N.T.S.

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email:jrafaejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

EL JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO LOS DISEÑOS Y EL PROYECTO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCION Y USO DE LA JURISDICCION DONDE SE VAN A CONSTRUIR Y QUE SOY RESPONSABLE POR CUALQUIER VIOLACION A DICHAS DISPOSICIONES EN LA JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 8 DE JUNIO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1948, SEGUN ENMENDADA, CONOCIDA COMO "LEY PARA REGULAR EL EJERCICIO DE LA PROFESION DE INGENIERO Y DE ARQUITECTO EN PUERTO RICO". CUALQUIER USO QUE SE LE DE A ESTOS PLANOS Y ESPECIFICACIONES EMPLEANDO, O POR OTRAS PERSONAS CON MI CONSENTIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA BAJO LA LEY.

REVISIONS:	REVISION DATE

PROJECT: PW #107355 - MAIN FACILITIES

SHEET: A-7

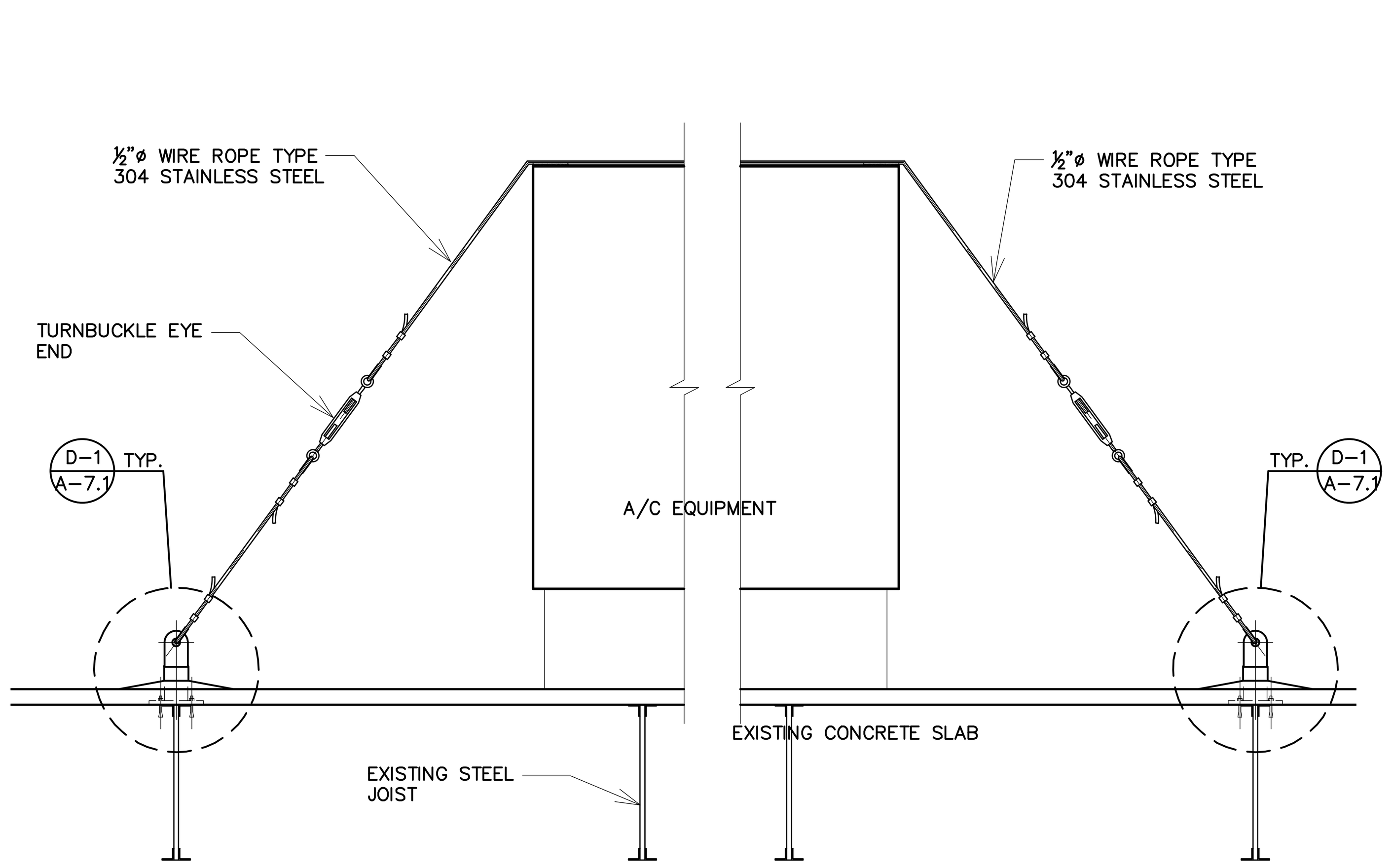
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE: TYPICAL ROOF DETAILS

27 of 59

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE AS SHOWN

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



TYPICAL A/C ANCHORING ASSEMBLY (a / A-7.1)

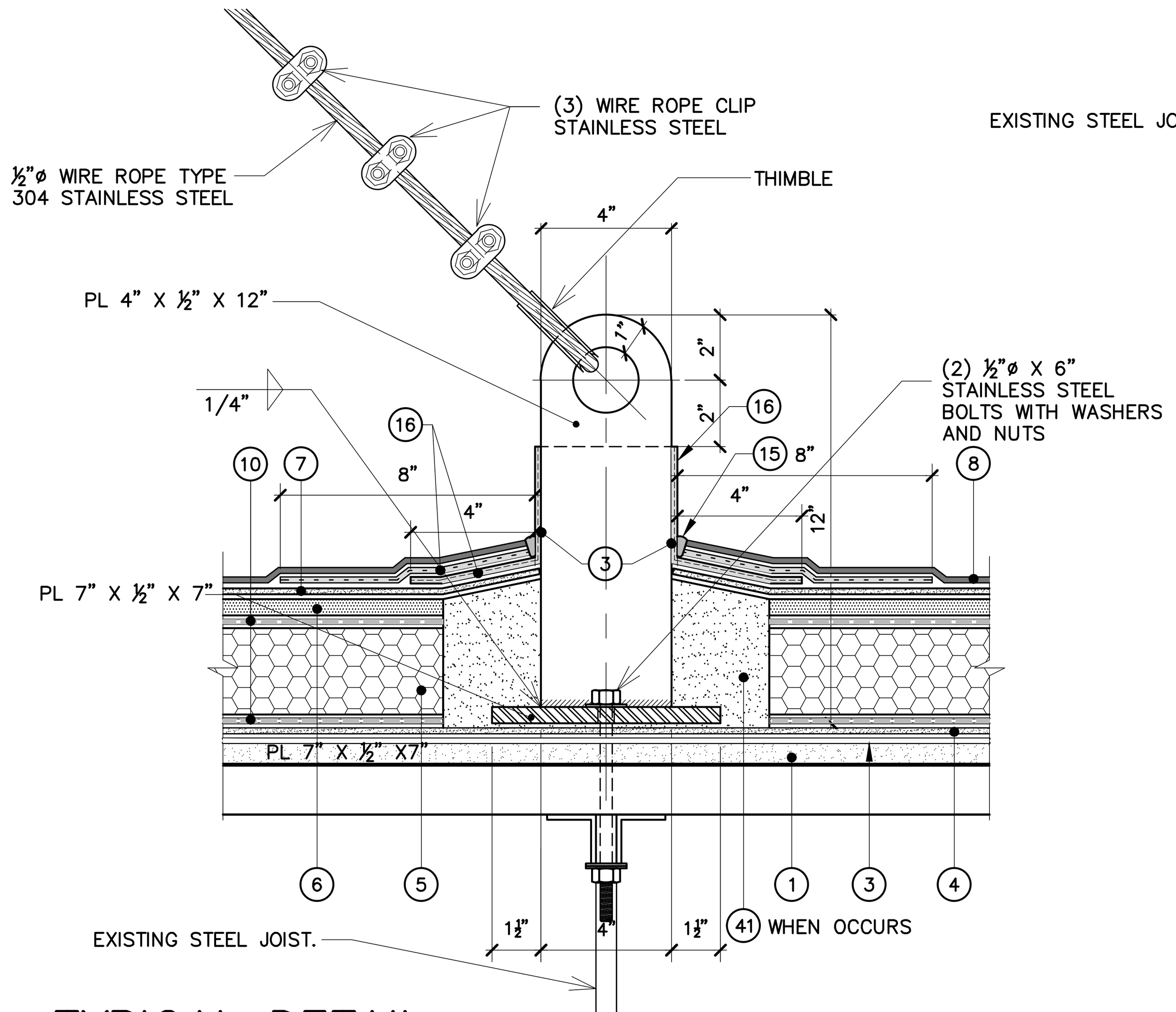
SCALE: 3/4"=1'-0"

NOTE:

1-PROVIDE THREE SUPPORTS AT EACH SITE.

2-ALL PLATES MUST BE GALVANIZED METAL.

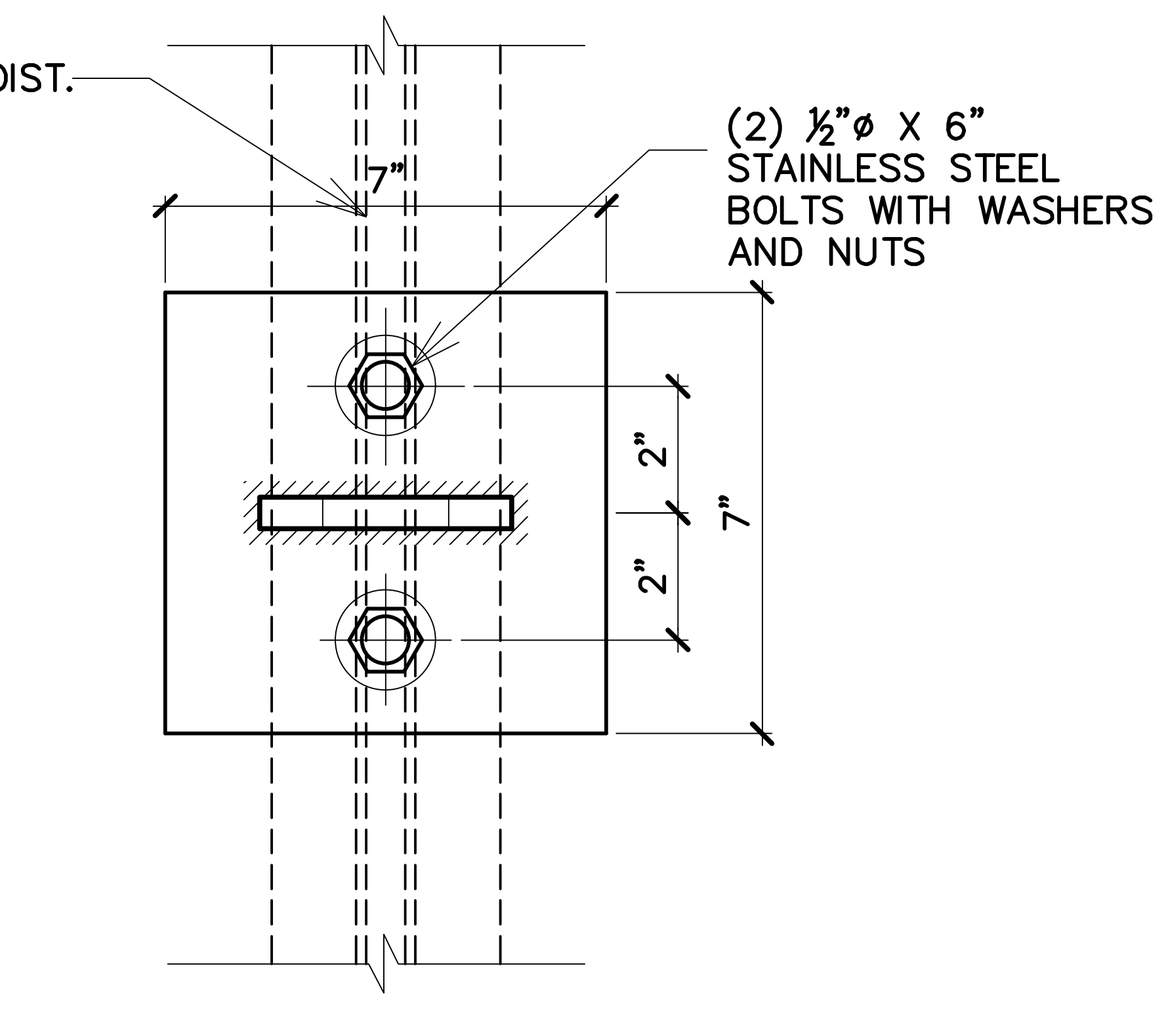
2-ALL COMPONENTS OF THE LATERAL SUPPORT MUST BE PAINTED AS PER PAINTING NOTE ON THIS DRAWING EXCEPT STAINLESS STEEL WIRE ROPE.



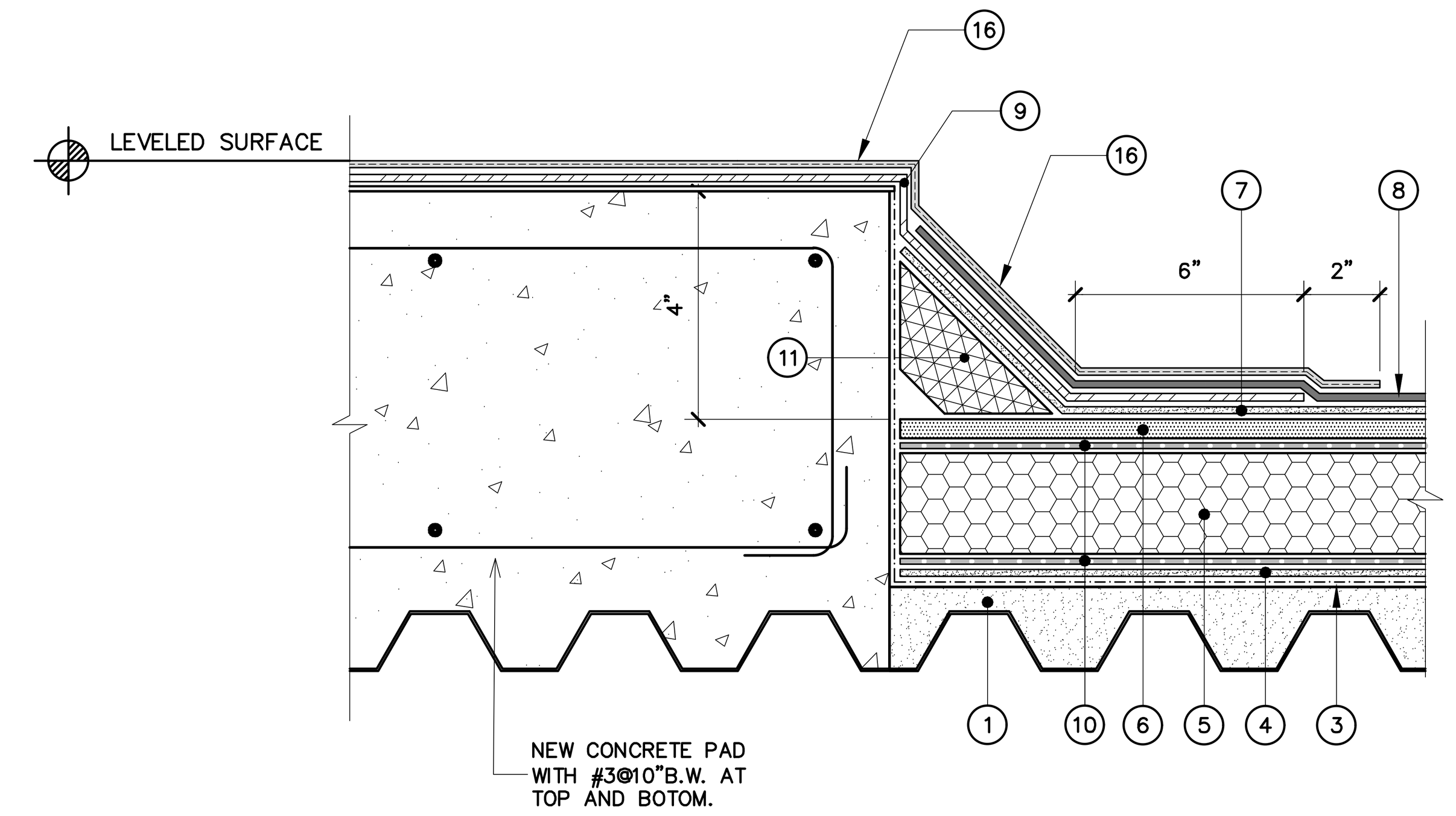
TYPICAL DETAIL (D-1 / A-7.1)

SCALE: 3"=1'-0"

(FOR DETAIL LEGEND, SEE DRWG. A-7)



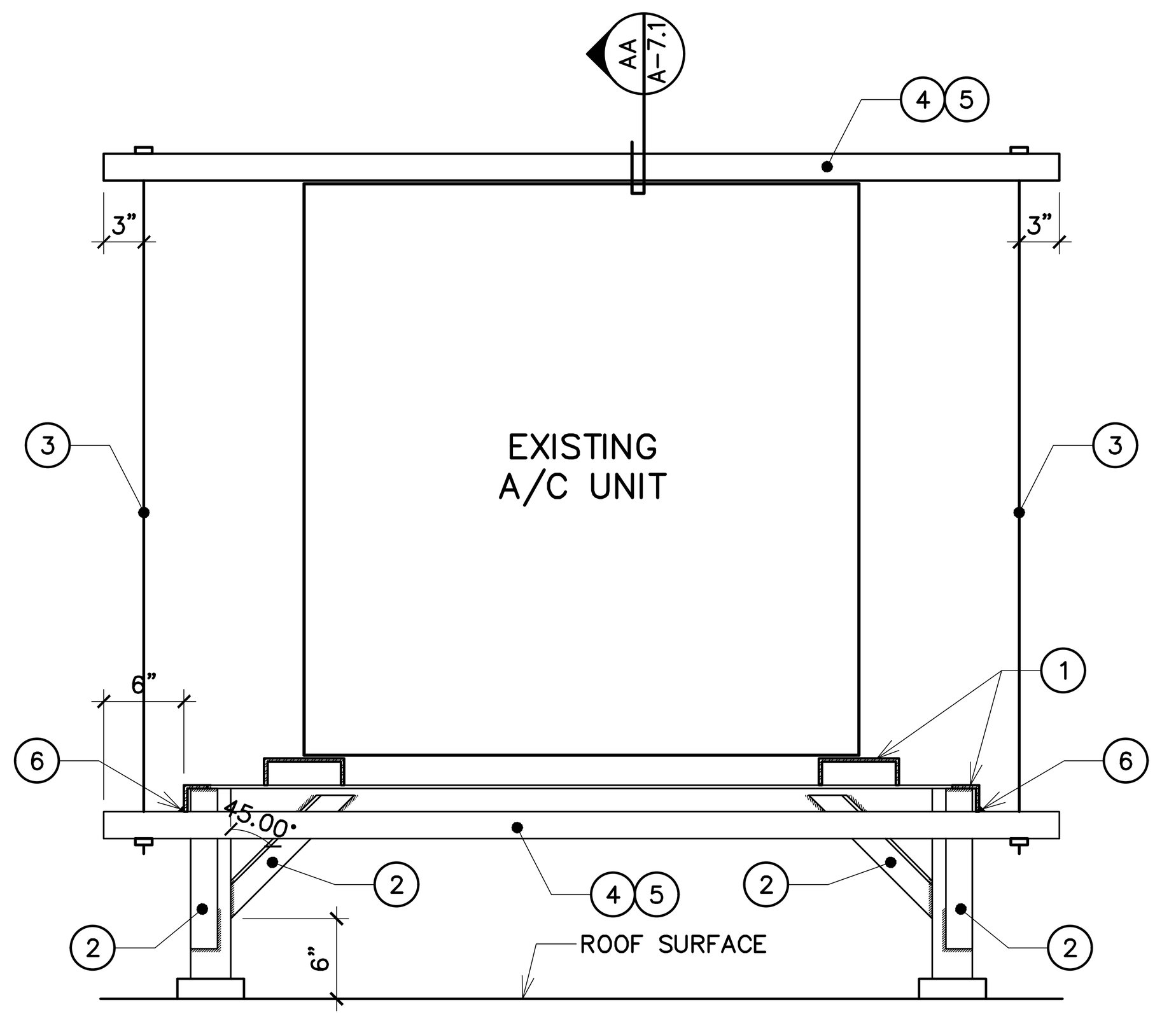
PLAN DETAIL



TYPICAL CONCRETE PAD DETAIL (BUR-5 / A-7.1)

SCALE: 3"=1'-0"

(FOR DETAIL LEGEND, SEE DRWG. A-7)

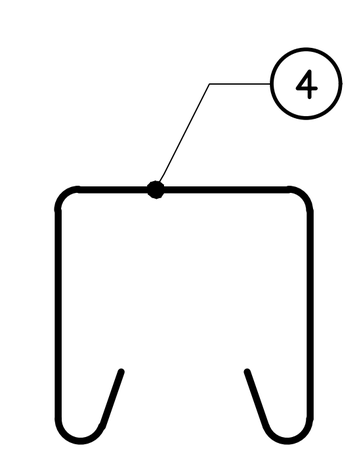


TYPICAL A/C UNIT PLATFORM SUPPORT REINFORCEMENT DETAIL

SCALE 1"=1'-0"

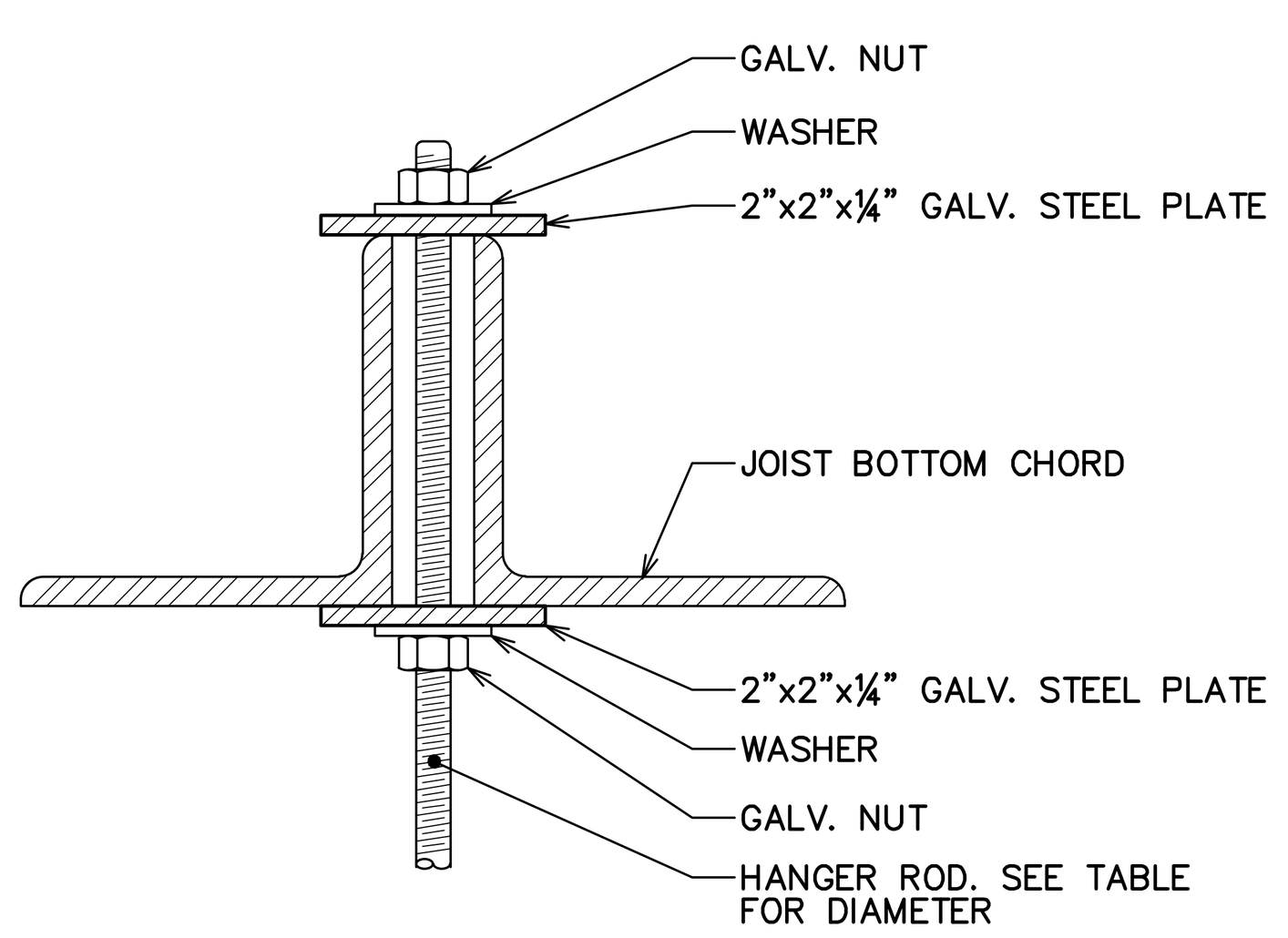
LEGEND FOR "TYP." A/C UNIT SUPPORT DETAIL

1. EXISTING METAL SUPPORT STRUCTURE TO BE PAINTED AS PER PAINTING SCHEDULE.
2. PROVIDE TWO 1"x1"x3/16" GALV. STEEL ANGLE BRACINGS FOR EACH BASE SUPPORT LEG WELDED TO EXISTING PLATFORM MEMBERS.
3. GALVANIZED CONTINUOUS THREAD HANGER ROD ½"ø A307.
4. GALVANIZED GLOBE STRUT CHANNEL C-2512.
5. PROVIDE 3 LIP RESTRAIN PER A/C UNIT.
6. FULLY WELDED CHANNEL TO STEEL SHAPE.



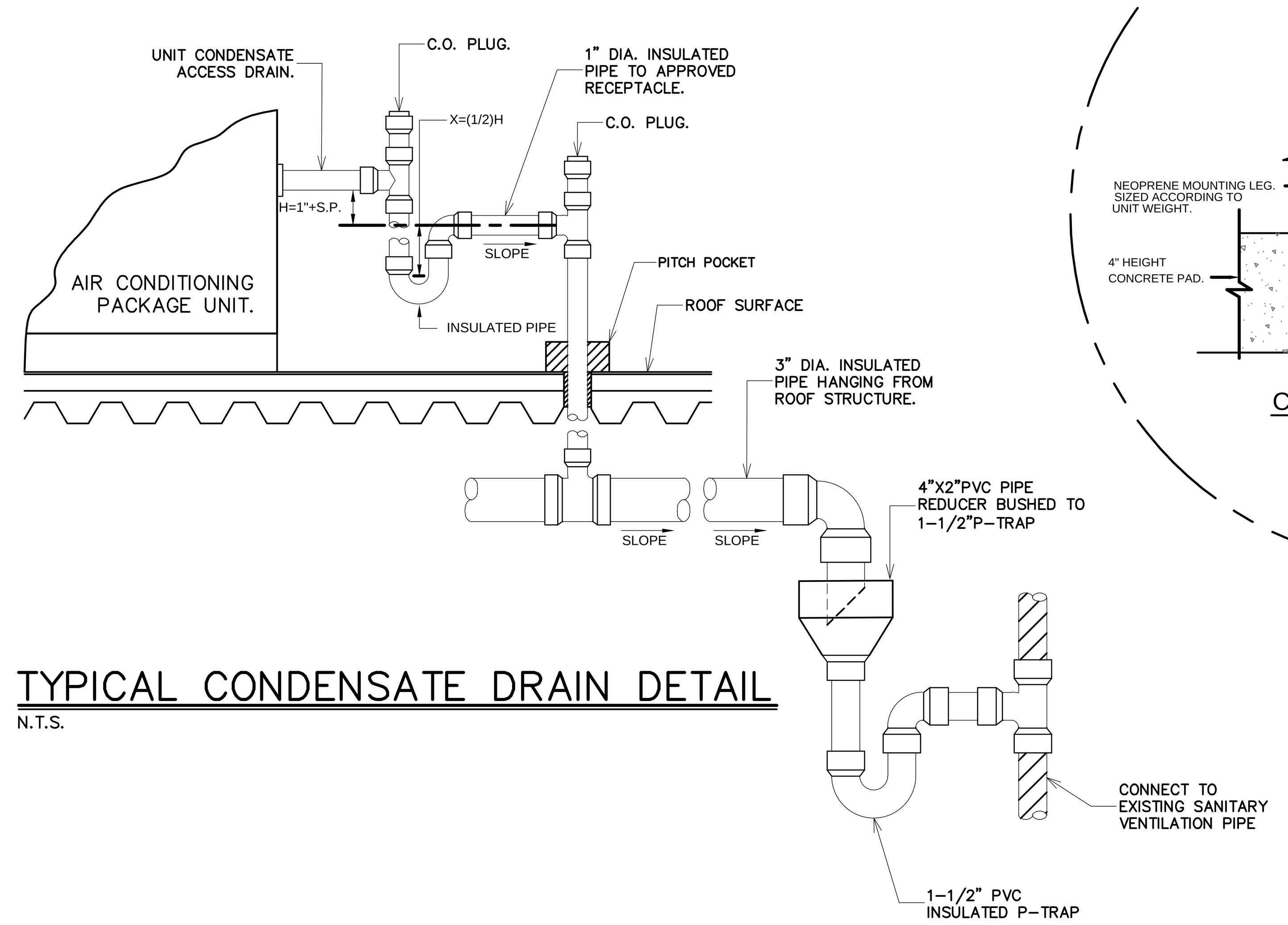
SECTION (AA / A-7.1)

SCALE: 1"= 1'-0"



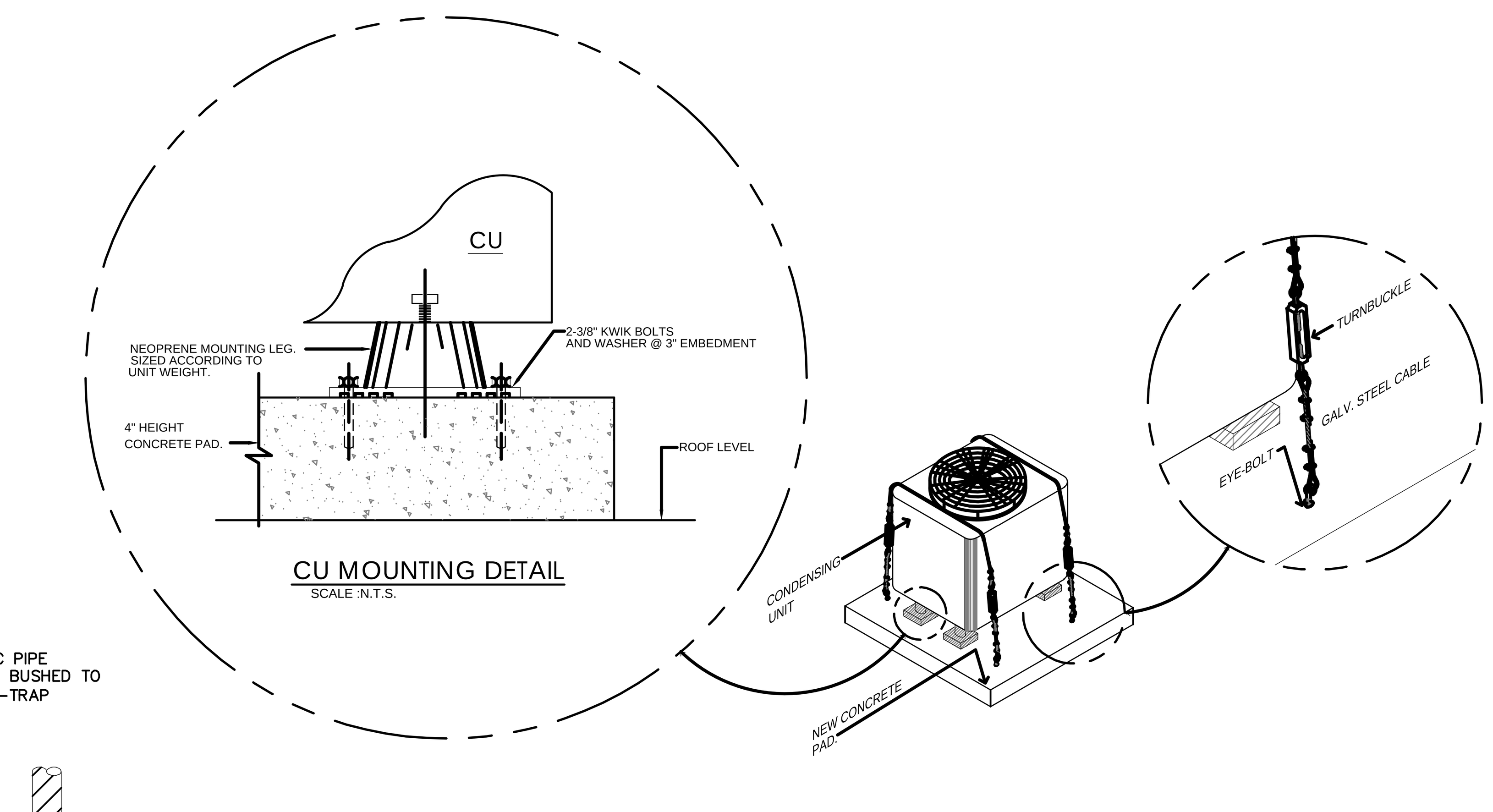
PIPE HANGER SUPPORT AT STEEL JOIST (X / A-7.1)

N.T.S.



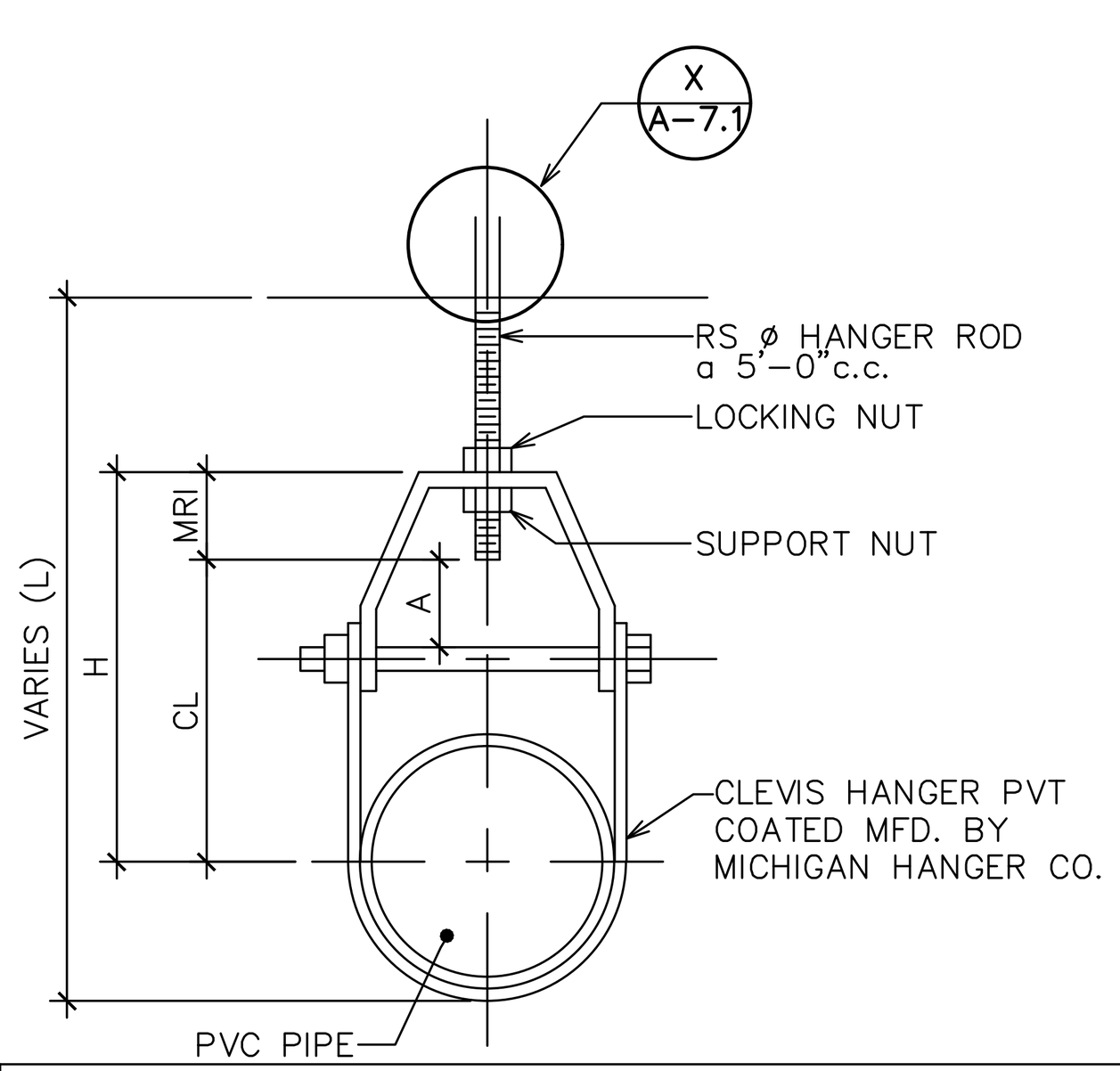
TYPICAL CONDENSATE DRAIN DETAIL

N.T.S.



CONDENSING UNIT ANCHORAGE DETAIL

N.T.S.



PIPE HANGER DIMENSIONS TABLE						
PIPE DIA	H=	CL	RS	MRI	A	L
2"	5 5/16"	3 3/8"	5/8"	9/16"	1 7/16"	3'-6"
3"	6 3/4"	4"	5/8"	3/4"	1"	4'-0"
4"	7 1/4"	4 1/4"	7/8"	15/16"	1 7/16"	5'-0"

NOTE:

1- SPACING OF HANGER SHALL BE 5'-0"c.c.

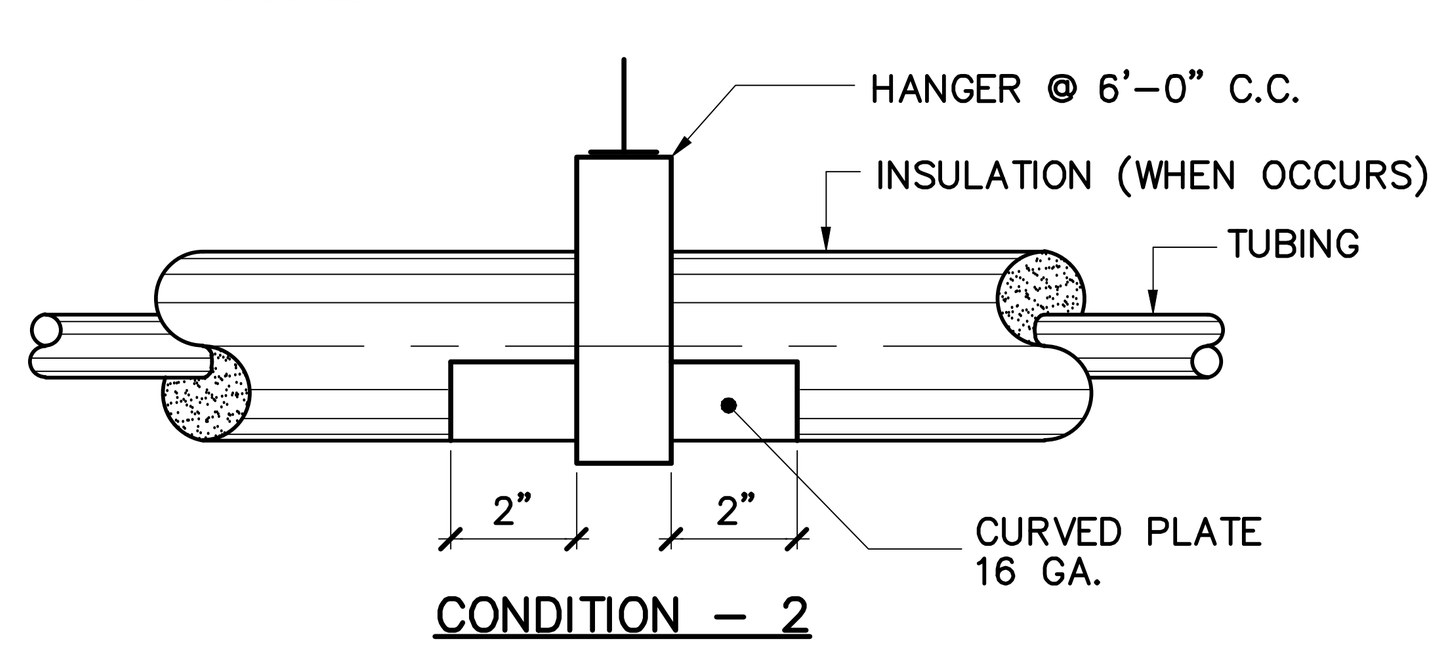
2- HANGER MUST COMPLY WITH FEDERAL SPECIFICATIONS WW-H-171 (TYPE-I) AND MANUFACTURERS STANDARDIZATION SOCIETY ANSI/MSS-SP-68

3- INSTALL HANGER IN ACCORDANCE TO ANSI/MSS-SP-69

4- PROVIDE BRACING AS PER DETAILS IN DRAWING P1.0.

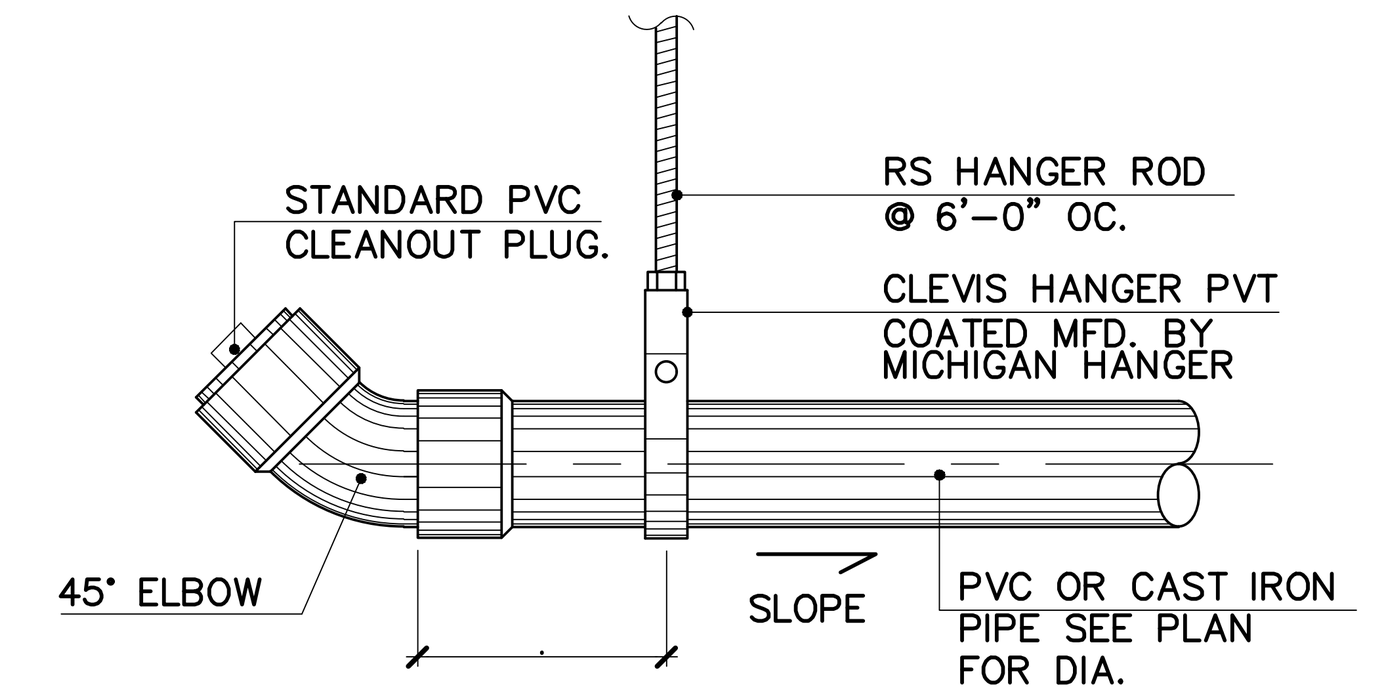
TYP. PIPE HANGER DETAIL

NOT TO SCALE



TYP. PIPE HANGER DETAIL

N.T.S.



TYPICAL CLEANOUT IN PLENUM (CO.P.) DETAIL

NOT TO SCALE

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email:jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS 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 PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, 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.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

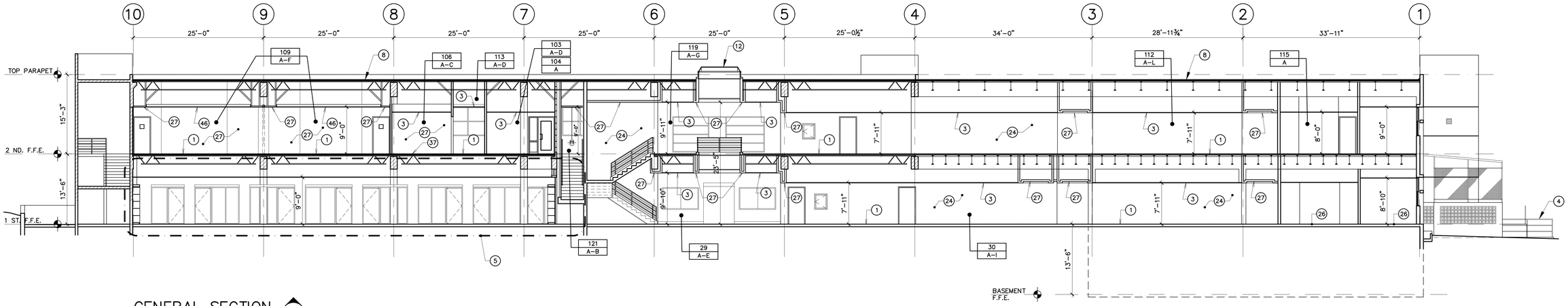
DRAWING TITLE: REFORMED ROOF PLAN (MAIN BUILDING)

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/8"=1'-0"

SHEET A-7.1

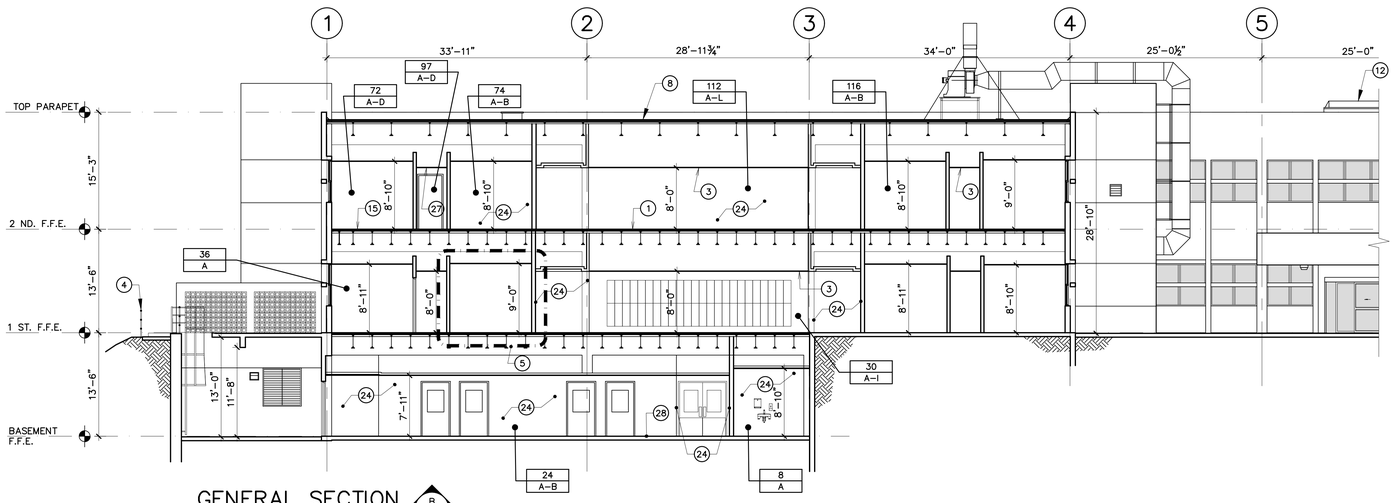
28 OF 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



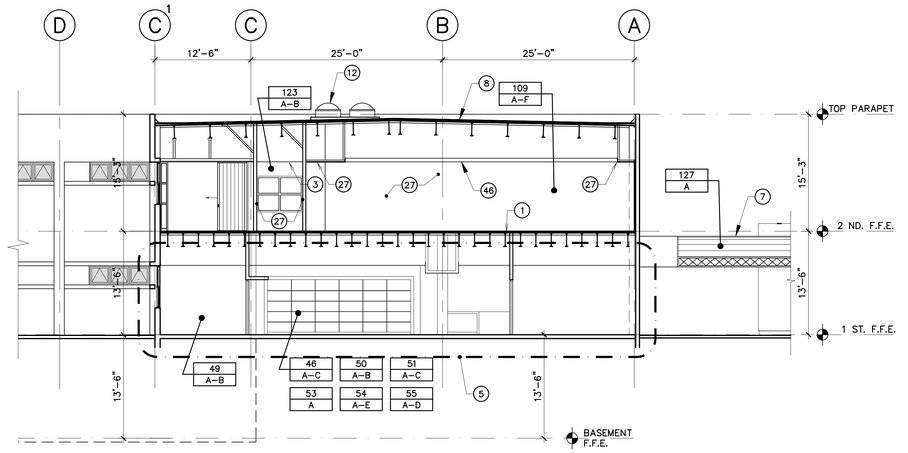
GENERAL SECTION

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



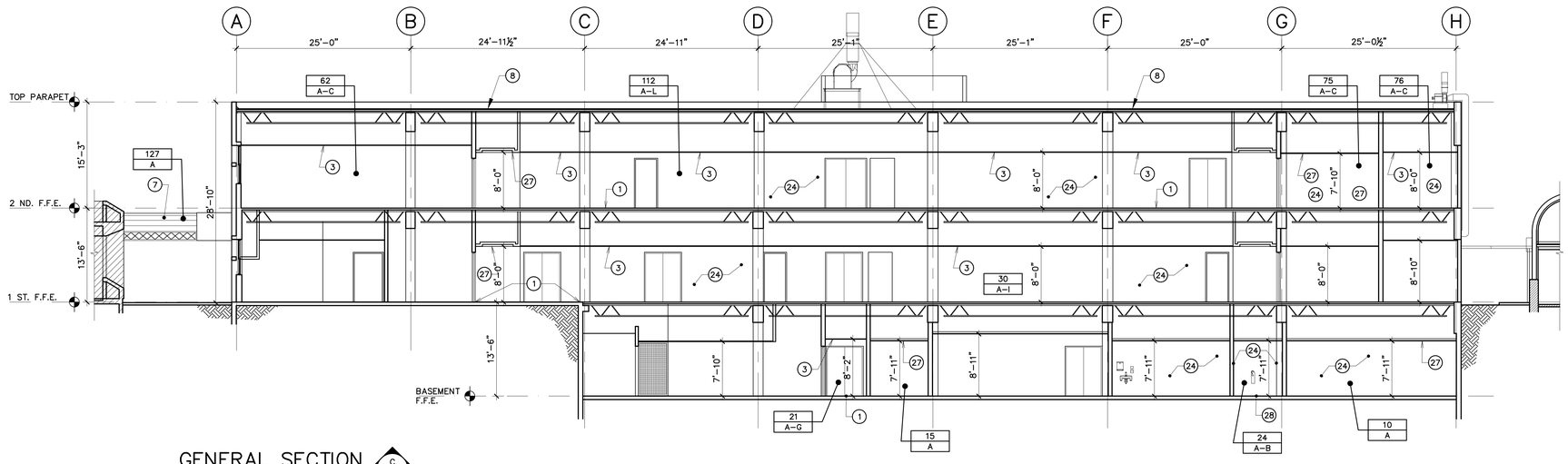
GENERAL SECTION

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



GENERAL SECTION

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



GENERAL SECTION

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

*FOR DRAWING LEGEND SEE DRAWING A-1

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO
LICENCIADO
LIC. 5805
PUERTO RICO

BID DRAWINGS PHASE

REVISIONS: | REVISION DATE

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

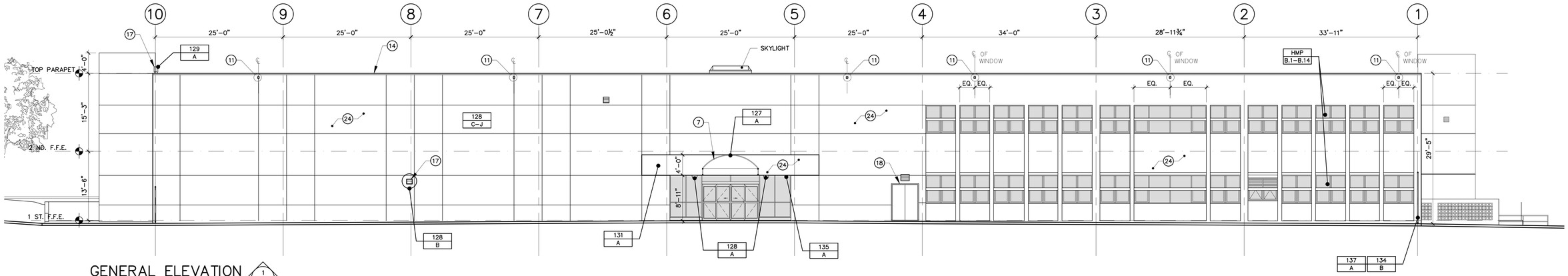
DRAWING TITLE: REFORMED GENERAL SECTIONS (MAIN BUILDING)

SHEET: A-8

29 of 59

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/8"=1'-0"

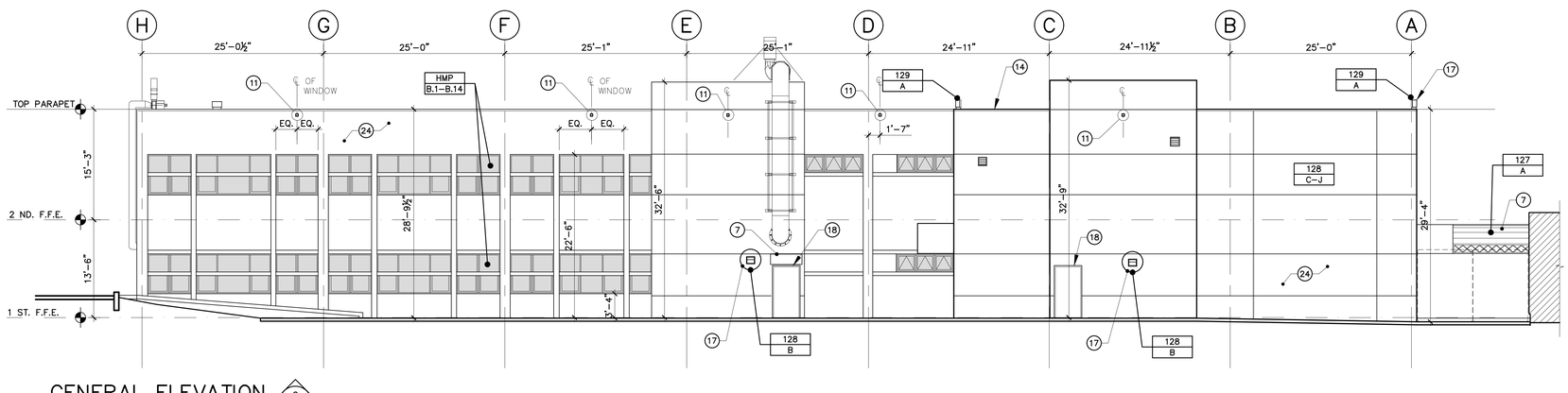
THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



GENERAL ELEVATION

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

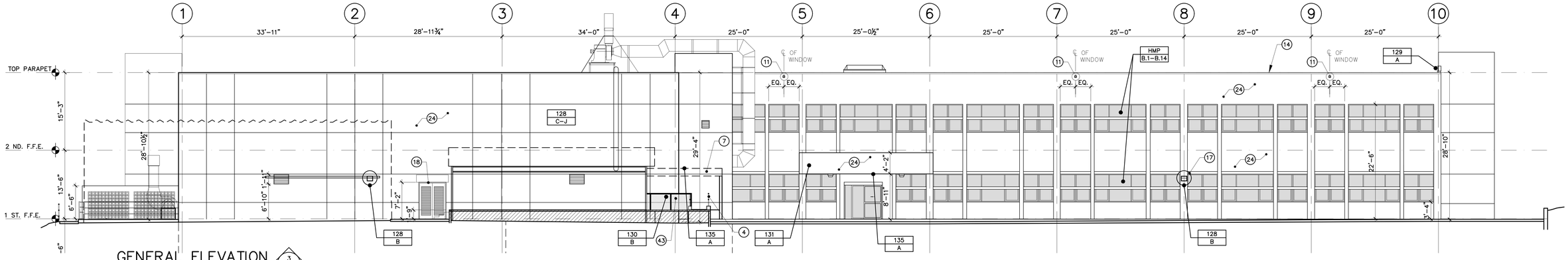
1 / A-9



GENERAL ELEVATION

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

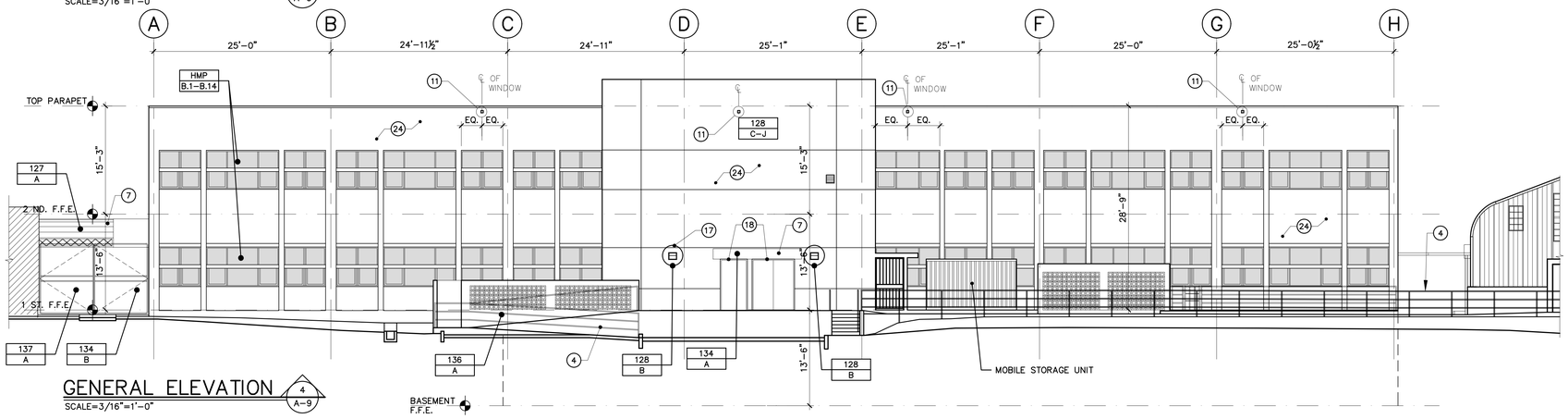
2 / A-9



GENERAL ELEVATION

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

3 / A-9



GENERAL ELEVATION

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

4 / A-9

*FOR DRAWING LEGEND SEE DRAWING A-1

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9984 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0984
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCIONES ADOPTADO POR LA JUNTA DE PLANIFICACION, LA LEY DE PROPIEDAD HORIZONTAL Y LA LEY DE CONDOMINIOS DE PUERTO RICO Y DEMAS LEYES Y REGLAMENTOS DE 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 DE LA PROFESION DE INGENIERIA Y AGRIMENSURA Y EL REGLAMENTO PARA LA PRACTICA DE LA INGENIERIA Y AGRIMENSURA. 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 CONSENTIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUSPA.

BID DRAWINGS PHASE

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES

SHEET: A-9

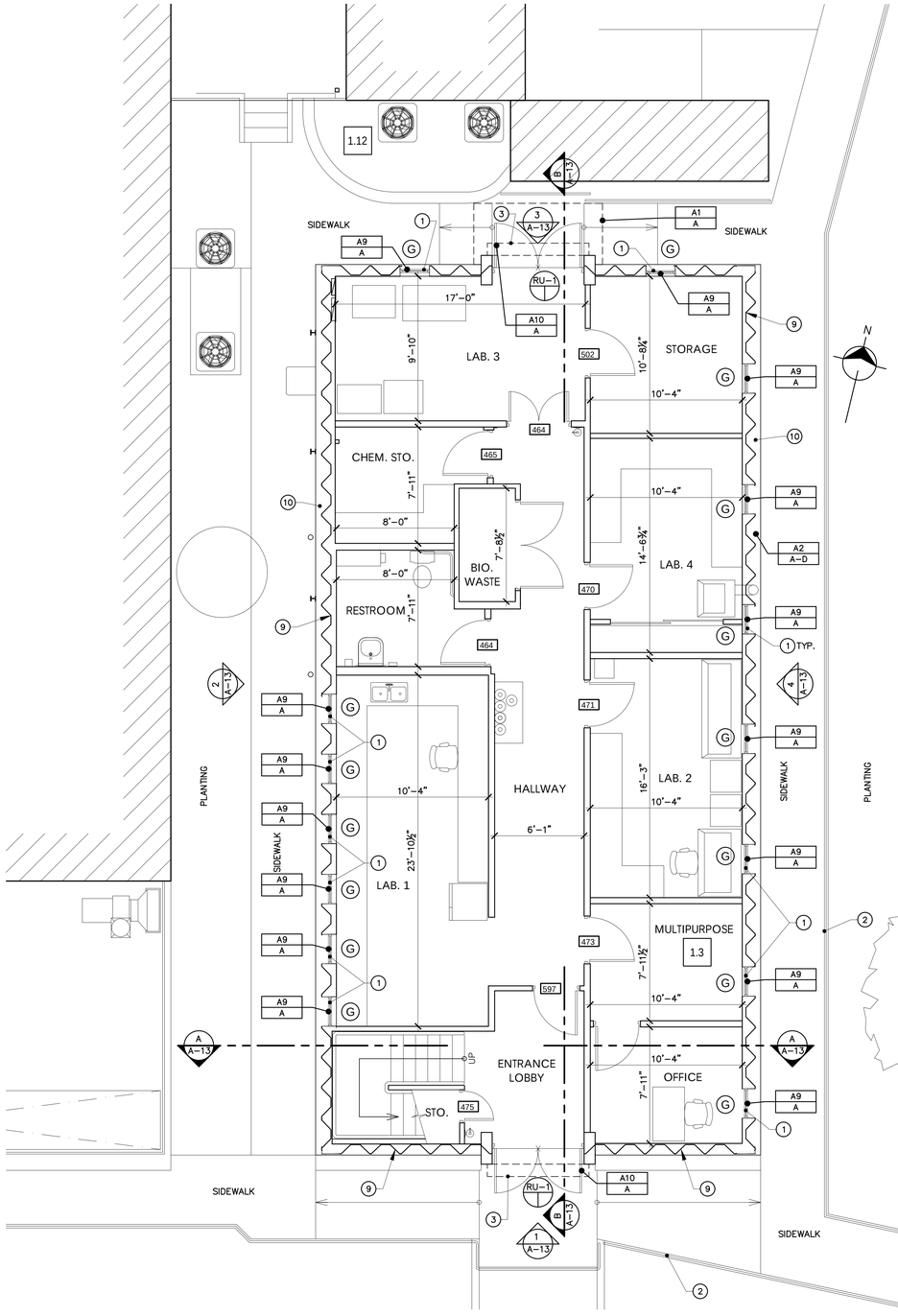
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE: REFORMED GENERAL ELEVATIONS (MAIN BUILDING)

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/8"=1'-0"

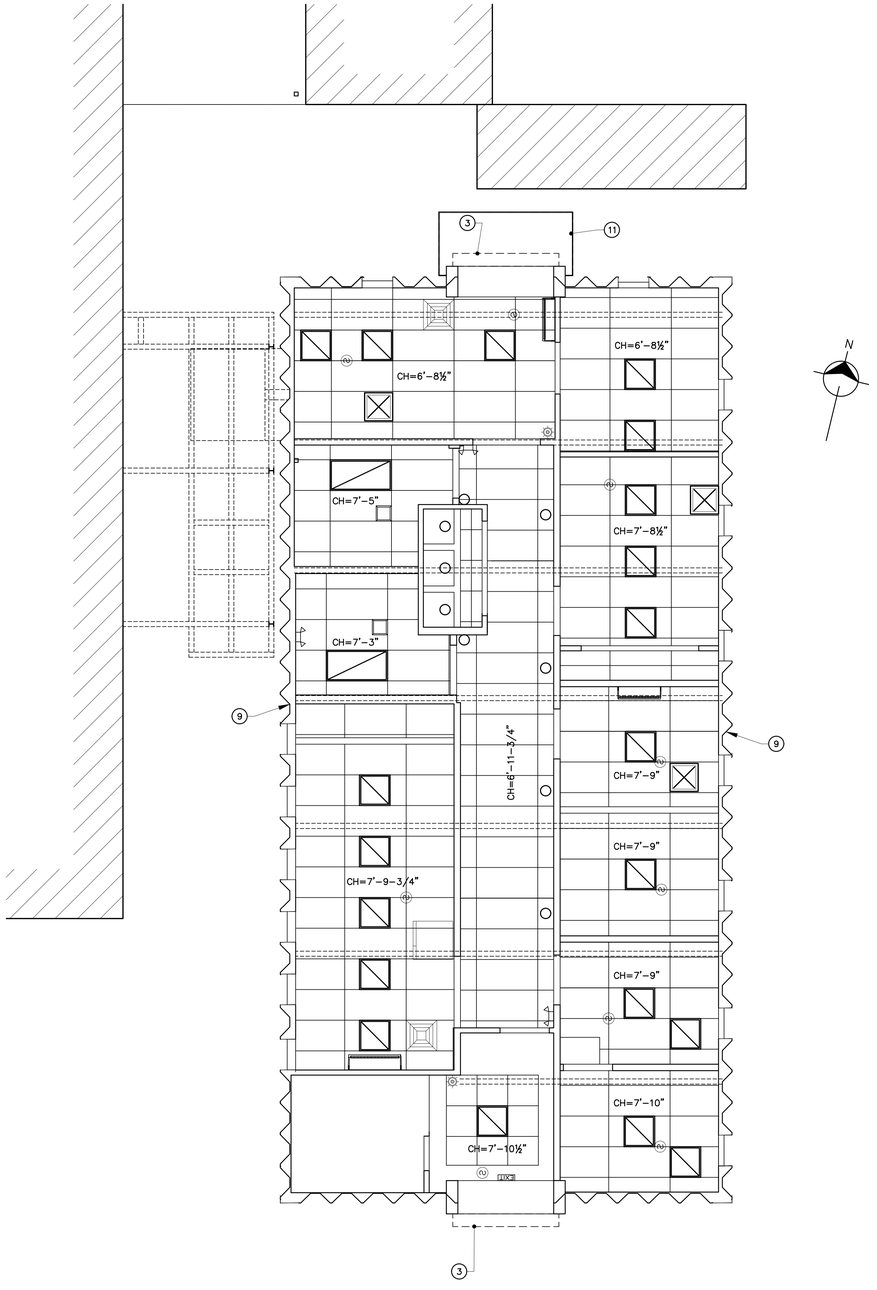
30 of 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



REFORMED FIRST FLOOR PLAN

SCALE: ¼"=1'-0"



REFORMED FIRST FLOOR REFLECTED CEILING PLAN

SCALE: ¼"=1'-0"

LEGEND:

1. ALUMINUM AND GLASS SINGLE HUNG WINDOWS MUST BE REPLACED FOR IMPACT RESISTANT TYPE. REFER TO DRAWING A-15.
2. REPAIR EXISTING GALVANIZED STEEL GUARDRAIL. SCRAPE PEELING PAINT BEFORE RE-PAINTING.
3. INSTALL NEW SURFACE MOUNTED SECURITY AND HURRICANE RESISTANT ROLL-UP DOOR.
4. PROVIDE NEW BASE MOLDING AS PER FINISH SCHEDULE. REFER TO FINISH SCHEDULE.
5. REMOVE AND REPLACE CARPET. REFER TO FINISH SCHEDULES.
6. IMPACT RESISTANT TYPE GLASS STOREFRONT. REFER TO DRAWING A-15.
7. PORTION OF DRYWALL OR FURRING, TO BE REPLACED WITH SINGLE LAYER OF 5/8" FIBEROCK BRAND AQUA-TOUGH SHEATHING FIRECODE C CORE GYPSUM PANELS.
8. REPAIR DRYWALL CEILING. PREPARE AND PAINT CEILING SURFACE AS PER PAINTING SCHEDULE..
9. POWER WASH METAL BUILDING EXTERIOR SURFACE.
10. POWER WASH, REPAIR CEMENT PLASTER FINISH ON CONCRETE BASE WALLS. PREPARE AND PAINT ALL WALLS AS PER PAINTING SCHEDULE.
11. REPLACE EXISTING CANOPY FABRIC. STRUCTURE MUST BE PAINTED AS PER PAINTING SCHEDULE.

SYMBOLS LEGEND:

- EXISTING BUILDING ELEVATION
- EXISTING BUILDING SECTION
- INDICATES CHANGE IN FLOOR FINISHES
- FIRE EXTINGUISHER
- EXISTING PARTITION OR COLUMNS
- LIGHTING FIXTURE
- A/C DIFFUSER
- EMERGENCY LAMP
- SECURITY CAMERA
- SMOKE DETECTOR
- EXIT SIGN
- HUNG CEILING SYSTEM
- FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW-3.

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralej@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO
LICENCIADO
LIC. 5805
PUERTO RICO

EL JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CERTIFICADO LOS DISEÑOS Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO PARA LA CONSTRUCCION Y USO DE EDIFICACIONES Y CONSTRUCCIONES EN LOS DISTRITOS CALIFICADOS DE PUERTO RICO Y DEMAS REGLAMENTOS APLICABLES DE LA JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SI HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA REFORMA DE LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 313 DE 15 DE MAYO DE 1936, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA PROHIBIR EL USO DE PLANOS DEFECTUOSOS EN EDIFICACIONES". ESTOS PLANOS Y ESPECIFICACIONES NO SERAN UTILIZADOS POR EMPLEADOS, O POR OTRAS PERSONAS CON EL CONOCIMIENTO, NO HAGEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUYA.

BID DRAWINGS PHASE

REVISIONS:	REVISION DATE:
•	•
•	•
•	•

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

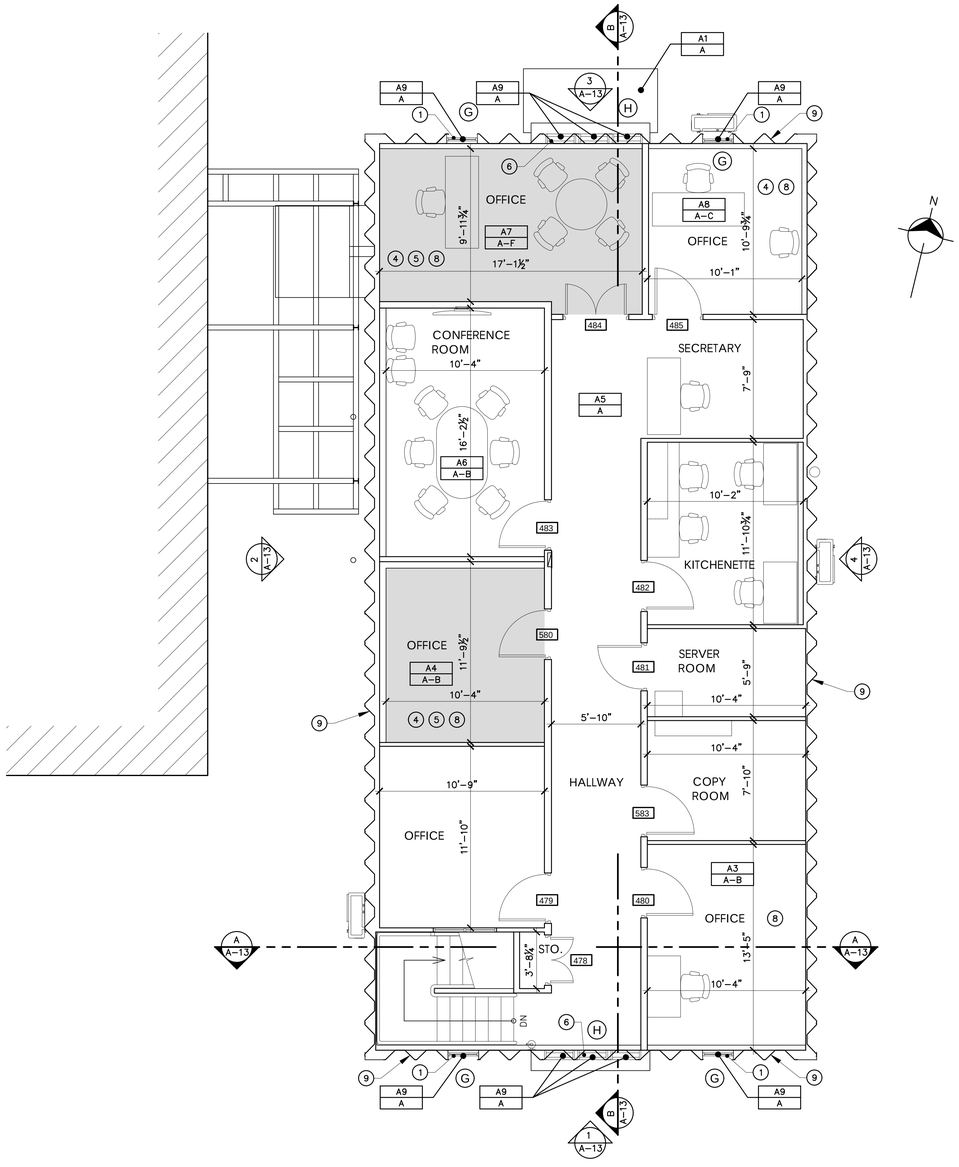
DRAWING TITLE: REFORMED
FIRST FLOOR & REFLECTED CEILING PLANS (INVESTIGATION BUILDING ANNEX)

SHEET: A-10

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/4"=1'-0"

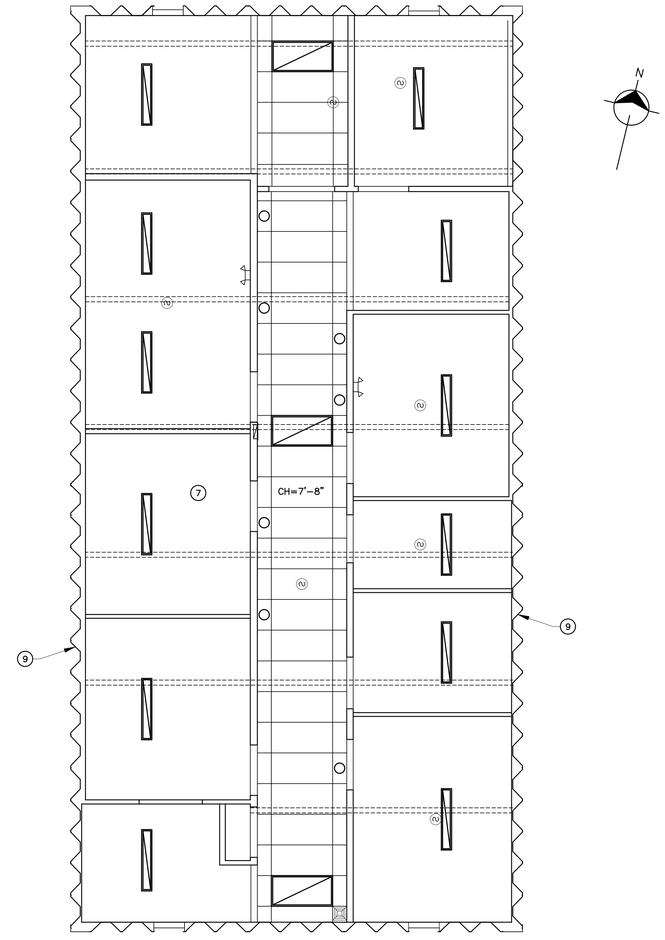
31 of 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



REFORMED SECOND FLOOR PLAN

SCALE: ¼"=1'-0"



REFORMED SECOND FLOOR REFLECTED CEILING PLAN

SCALE: ¼"=1'-0"

*FOR DRAWING LEGEND SEE DRAWING A-10 -

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
E-mail: jrafaejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES, QUE LOS MISMOS CUMPLEN CON LAS REGLAMENTACIONES VIGENTES Y QUE SOY EL RESPONSABLE DE LA SUPERVISION DE LA CONSTRUCCION DE LA OBRA. QUE EL CONTRATISTA Y LOS SUBCONTRATISTAS HABILES EN LOS RENGLONES DE CONSTRUCCION, SEGUN EL CASO APLIQUE, HAN SIDO ADECUADAMENTE CUALIFICADOS Y CERTIFICADOS PARA EJECUTAR LOS TRABAJOS DE ACUERDO CON LOS PLANOS Y ESPECIFICACIONES. QUE LOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LA LEY NUM. 416 DE 22 DE SEPTIEMBRE DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 519 DE 15 DE MAYO DE 1969, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA GARANTIZAR EL DERECHO DE LOS IMPEDIDOS A UN EMPLEO ADECUADO". QUE NO ASUMO RESPONSABILIDAD ALGUNA POR CAMBIOS REALIZADOS A ESTOS PLANOS POR EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, NO TAZITA RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA ESPA-

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•
•	•

PROJECT:
PW #107355 – MAIN FACILITIES

SHEET
A-11

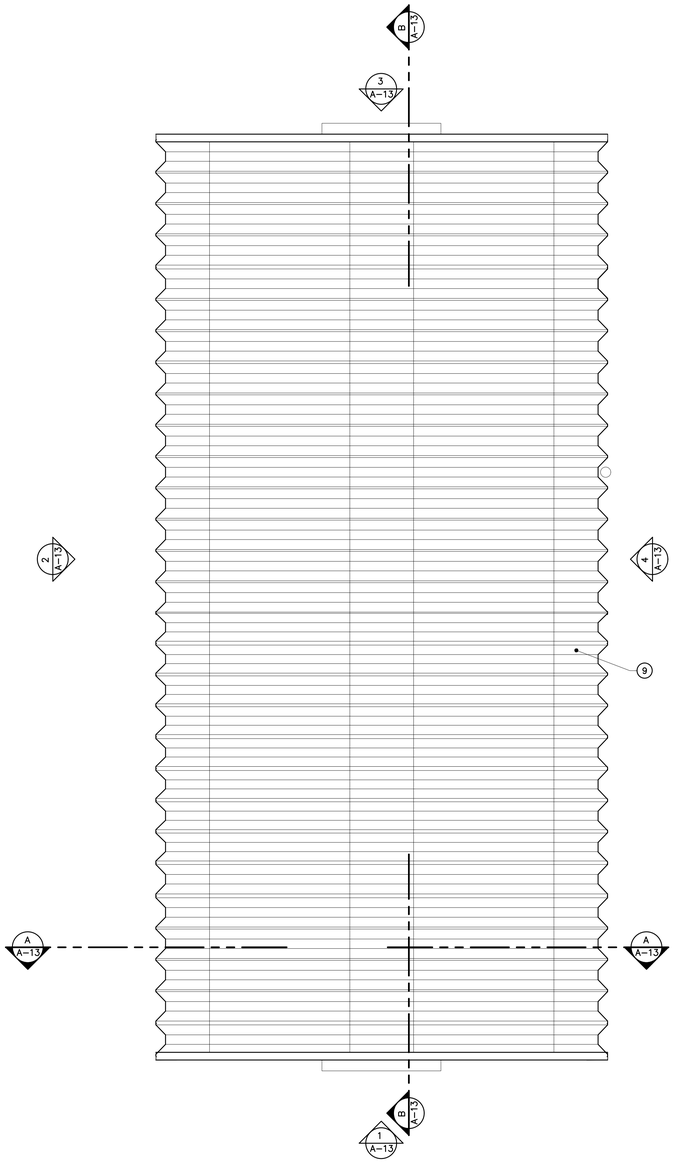
SPONSOR:
UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE:
REFORMED
SECOND FLOOR & REFLECTED CEILING PLANS (INVESTIGATION BUILDING ANNEX)

32 OF 59

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/4"=1'-0"

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT. ANALYSIS WORKING INSTRUMENT BY AUTHORIZED PERSONNEL OF THE FIRM. ON ANY REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



REFORMED ROOF PLAN

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

*FOR DRAWING LEGEND SEE DRAWING A-10

BID DRAWINGS PHASE

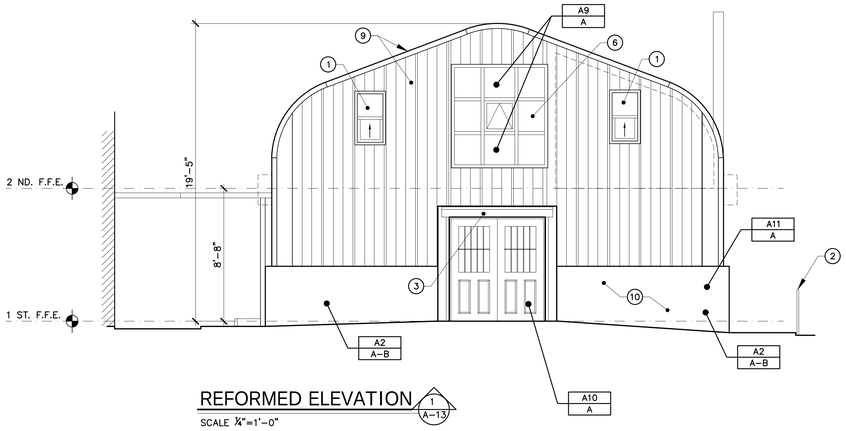
RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email:jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES QUE LOS ACOMPAÑAN Y QUE ESTOY CUMPLIENDO CON LAS DISPOSICIONES DE LA LEY NUM. 173 DE 8 DE AGOSTO DE 1988, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY DE PROFESIONALES DE INGENIERIA Y AGRIMENSURA" Y LAS RESPONSABILIDADES IMPUESTAS EN LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES EN LAS AGENCIAS, JUNTAS, MUNICIPIOS 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. 74 DE 8 DE ENERO DE 1965, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY DE ETICA GUBERNAMENTAL DE 1985". ASIMISMO, CERTIFICO QUE TODA LA INFORMACION CONTENIDA EN ESTOS PLANOS ES CORRECTA Y RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO POR NEGLIGENCIA O SIN PERO NO MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA CUAL

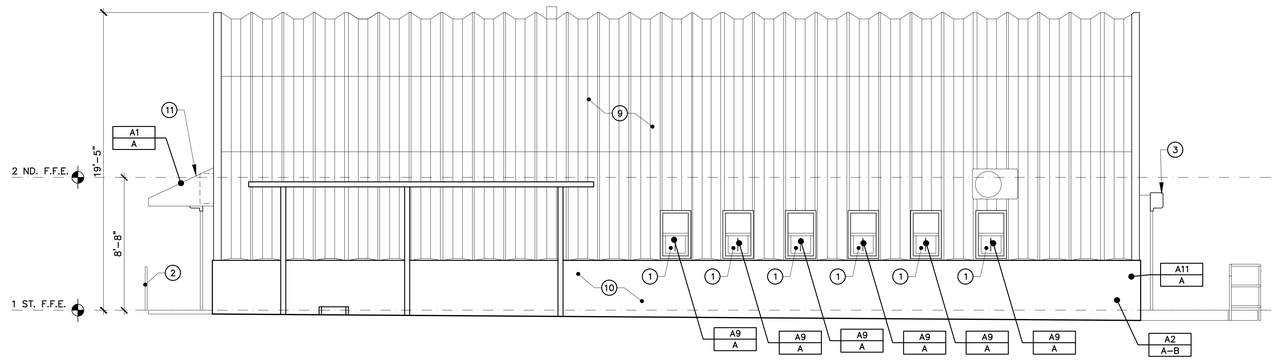
REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*
PROJECT: PW #107355 – MAIN FACILITIES	SHEET: A-12
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.	
DRAWING TITLE: REFORMED ROOF PLAN (INVESTIGATION BUILDING ANNEX)	33 OF 59
JOB NO. 2312	DATE OCTOBER, 2026	SCALE 1/4"=1'-0"

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



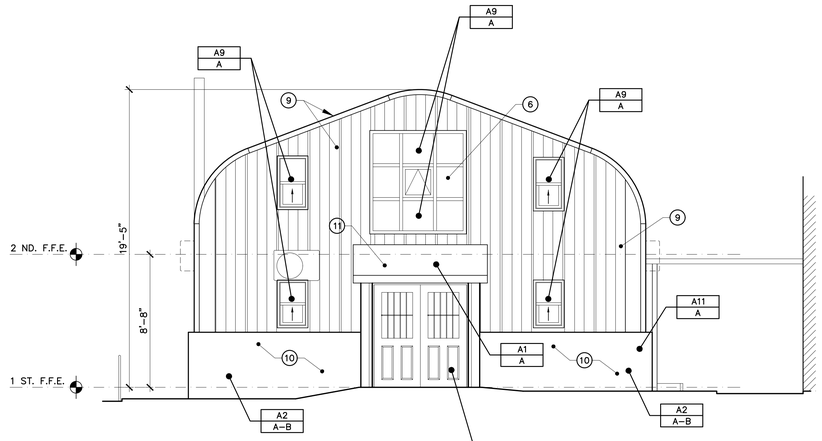
REFORMED ELEVATION 1 A–13

SCALE ¼"=1'–0"



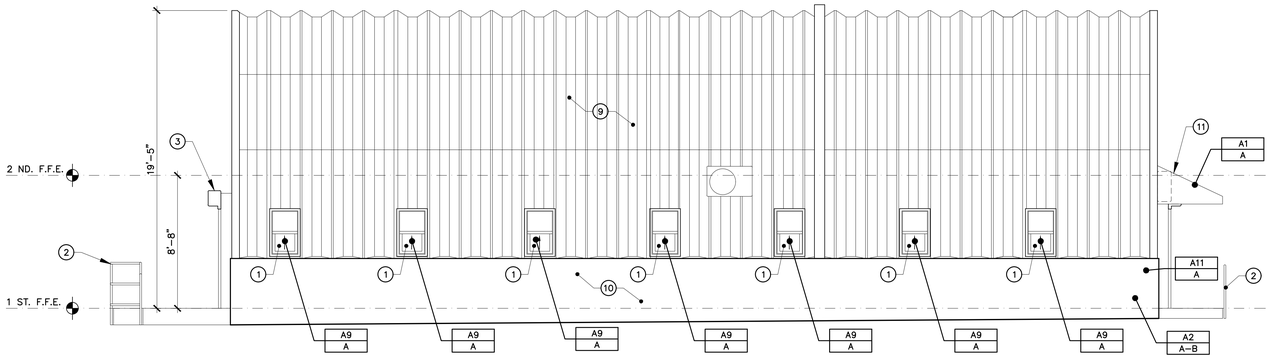
REFORMED ELEVATION 2 A–13

SCALE ¼"=1'–0"



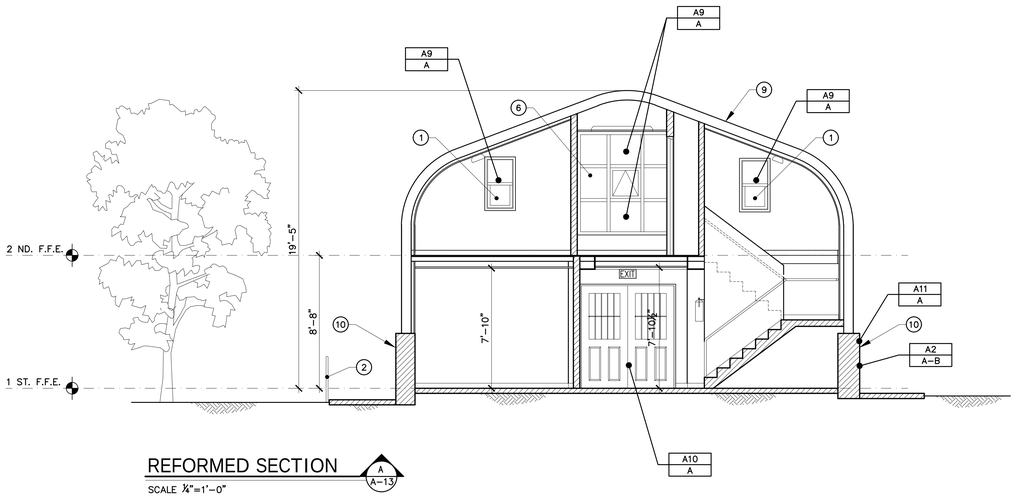
REFORMED ELEVATION 3 A–13

SCALE ¼"=1'–0"



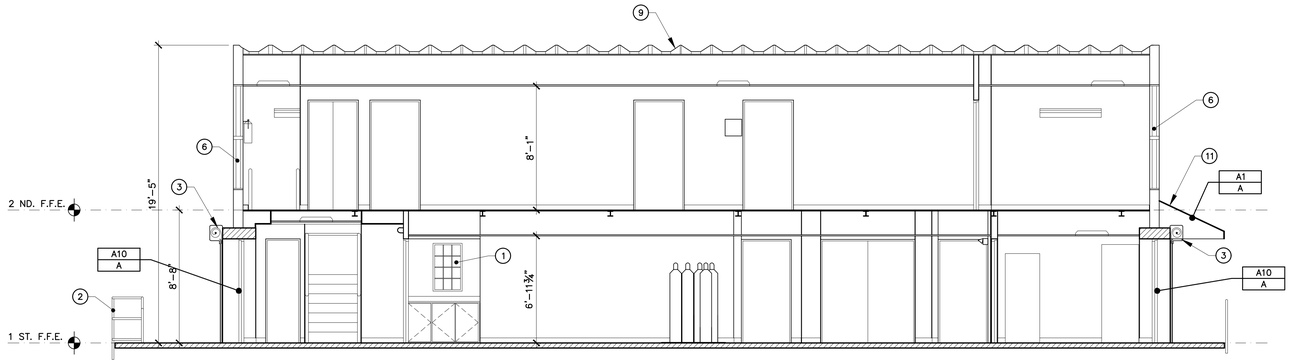
REFORMED ELEVATION 4 A–13

SCALE ¼"=1'–0"



REFORMED SECTION A A–13

SCALE ¼"=1'–0"



REFORMED SECTION B A–13

SCALE ¼"=1'–0"

*FOR DRAWING LEGEND SEE DRAWING A-10

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES QUE LOS ACOMPAÑAN Y QUE, A MI LEAL SABER Y ENTENDER, LOS MISMOS CUMPLEN CON LAS REGLAS Y REGLAMENTOS APLICABLES, CONFORME A LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, ASI COMO, REGLAMENTACIONES Y ORDENANZAS APLICABLES DE LOS MUNICIPIOS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA EMPLEADO DILIGENTEMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 8 DE ENERO DE 2010, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA SEGURIDAD, SALUD Y BIENESTAR GENERAL EN LA INDUSTRIA DE LA CONSTRUCCION DE PUERTO RICO". ASIMISMO, RECONOZCO QUE CUALQUIER DECLARACION FALSA Y FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO, 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 SUSPENSION DE MI LICENCIA.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES

SHEET: A-13

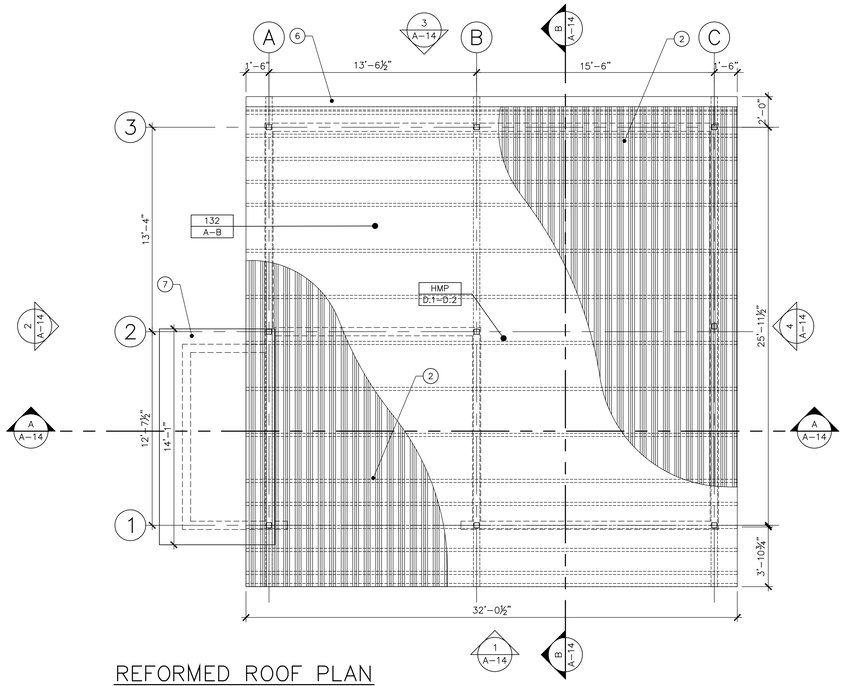
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE: REFORMED
GENERAL SECTIONS AND ELEVATIONS (INVESTIGATION BUILDING ANNEX)

JOB NO: 2312 | DATE: OCTOBER, 2026 | SCALE: 1/4"=1'-0"

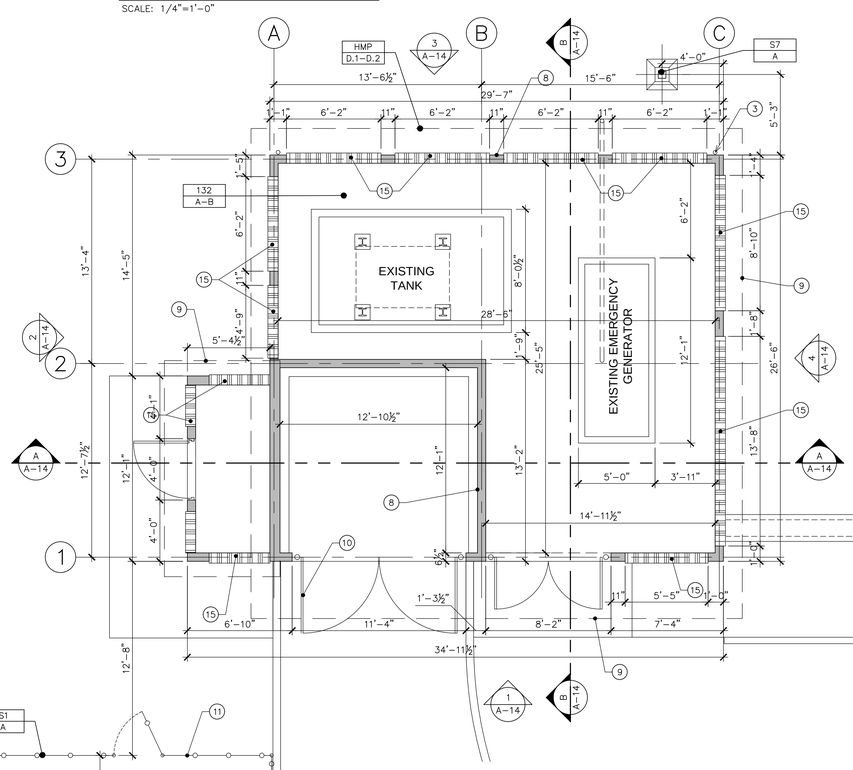
34 OF 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



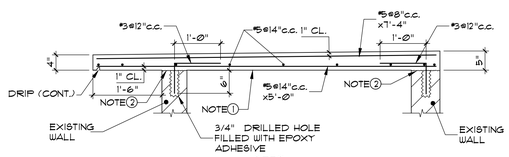
REFORMED ROOF PLAN

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



REFORMED GROUND FLOOR PLAN

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



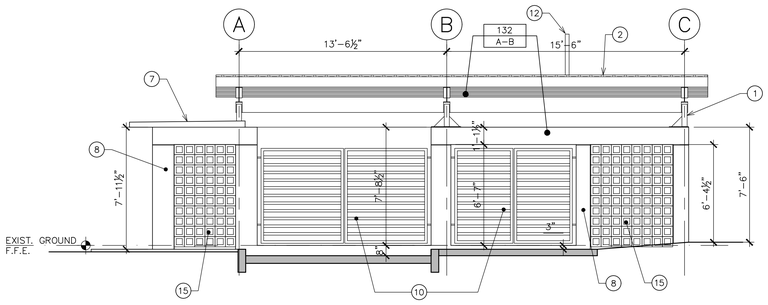
SECTION

SCALE ¾"=1'-0"

S-1
A-14

NOTES:

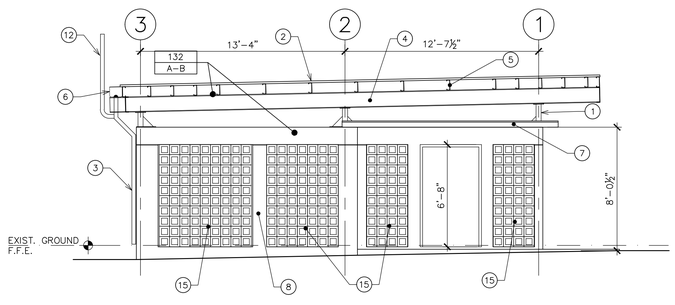
1. SLAB MUST BE KEPT SHORED UNTIL THE ROOF SLAB HAS OBTAINED 28 DAYS COMPRESSIVE STRENGTH (F'c=3,000 PSI).
2. PROVIDE ROUGHENED SURFACE TREATED WITH EPOXY ADHESIVE.



REFORMED ELEVATION

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

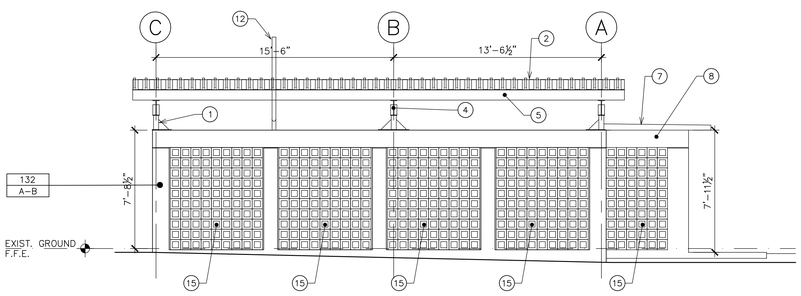
1
A-14



REFORMED ELEVATION

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

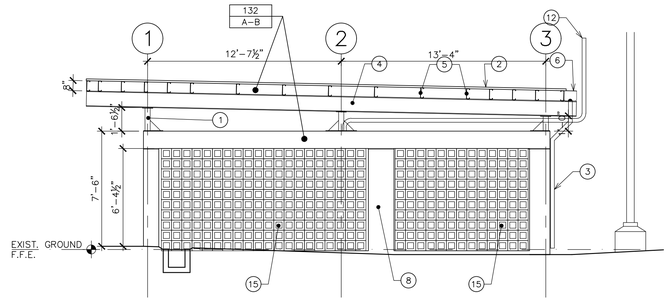
2
A-14



REFORMED ELEVATION

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

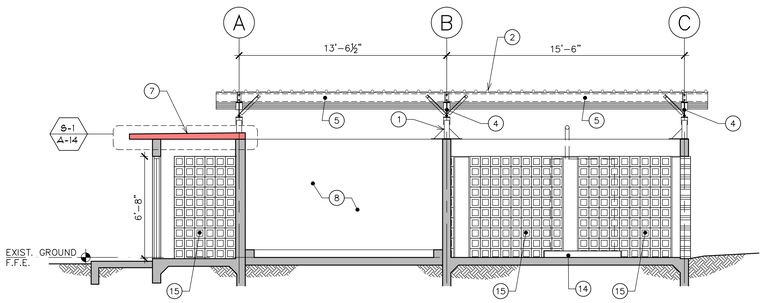
3
A-14



REFORMED ELEVATION

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

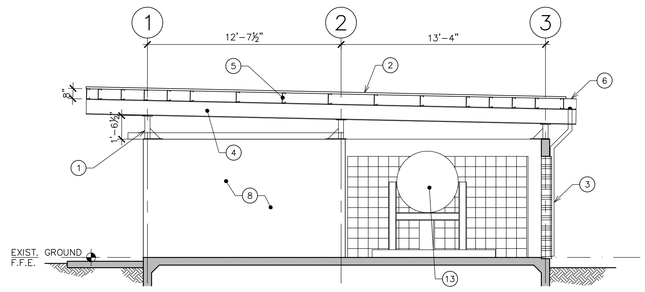
4
A-14



REFORMED SECTION

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

A
A-14



REFORMED SECTION

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

B
A-14

STRUCTURAL NOTES:

A) GENERAL NOTES
1. CONCRETE ITEMS AND REINFORCEMENT SHALL BE ERECTED IN STRICT ACCORDANCE WITH OWNER APPROVED SHOP AND ERECTION DRAWNGS FOLLOWING THE DETAILS SHOWN ON PLANS.
2. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PRODUCE CORRECTLY ALIGNED CONCRETE CONSIDERING AMONG OTHER THINGS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
3. THE CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS. ANY DISCREPANCY BETWEEN FIELD AND CONSTRUCTION PLANS DIMENSIONS SHALL BE NOTIFIED IMMEDIATELY TO THE ARCHITECT/ENGINEERS.
4. EPOXY ADHESIVE SHALL BE SIMILAR TO SIKADUR 32 AS MANUFACTURED BY SIKA. APPLY FOLLOWING MANUFACTURER'S RECOMMENDATION.
5. NON SHRINKAGE GROUT SHALL BE SIMILAR TO BONSAL NON-METALLIC. APPLY FOLLOWING MANUFACTURER'S RECOMMENDATIONS.

B) CAST IN PLACE CONCRETE:
1. ALL SYMBOLS AND STRESSES AS WELL AS CONCRETE WORK SHALL CONFORM TO THE STANDARDS OF THE AMERICAN CONCRETE INSTITUTE (A.C.I. 318–LASTED) – ULTIMATE STRENGTH DESIGN.
2. ALL LAPPING, BENDING AND REINFORCEMENT SHALL BE DONE IN STRICT ACCORDANCE WITH A.C.I. 318–19 BUILDING CODE.
3. CONCRETE SHALL DEVELOP A MINIMUM 28 DAYS STRENGTH OF 3,000 PSI UNLESS OTHERWISE SPECIFIED.
4. REINFORCING BARS SHALL BE NEW BILLET STEEL MEETING ASTM DESIGNATION A 615, GRADE 60, UNLESS OTHERWISE SPECIFIED.
5. WELDED WIRE MESH SHALL BE NEW BILLET STEEL MEETING ASTM A–185.
6. MINIMUM REINFORCEMENT PROTECTION SHALL BE AS FOLLOW, UNLESS OTHERWISE SPECIFIED:
   A. FOOTINGS.....
   B. SLAB ON GROUND.....
   C. STRUCTURAL SLABS.....
7. CONTRACTOR SHALL SUBMIT FOR OWNER'S APPROVAL LOCATION AND DETAILS OF CONSTRUCTION JOINTS IN SLABS AND BEAMS.
8. BARS MARKED WITH A SOLID LINE SHALL BE PLACED AT THE TOP OF THE SLAB AND BARS MARKED WITH A BROKEN LINE SHALL BE PLACED AT THE BOTTOM OF THE SLAB.
9. ALL SLABS AND CORRESPONDING BEAMS OR APRONS SHALL BE POURED MONOLITHICALLY.
10. BOTTOM CONTINUOUS REINFORCEMENT WILL BE SPLICED AT DISTANCE OF 0.30 L (SPAN) FROM SUPPORT AND WITH A LENGTH AS REQUIRED BY THE STANDARD. HOOK AT BOTH ENDS OF BEAM.
11. TOP CONTINUOUS REINFORCEMENT WILL BE SPLICED AT CENTER OF SPAN AND WITH A LENGTH AS REQUIRED BY THE STANDARD. HOOK AT BOTH ENDS OF BEAM.
    3 INCHES
    2 INCHES
    3/4 INCH

C) CODES (LATEST EDITION):
1. PUERTO RICO BUILDING CODE (2018)
2. IBC 2018
3. ACI 318 BUILDING CODE FOR STRUCTURAL CONCRETE (2019)
4. AISC MANUAL OF STEEL CONSTRUCTION
5. AWS STRUCTURAL WELDING CODE
6. AISI COLD FORMED STEEL DESIGN MANUAL
7. ASTM STANDARDS IN BUILDING CODES
8. ASCE STANDARDS 4–22 MINIMUN DESIGN LOADS AND ASSOCIATES CRITERIA.

STEEL BEAM NOTES:

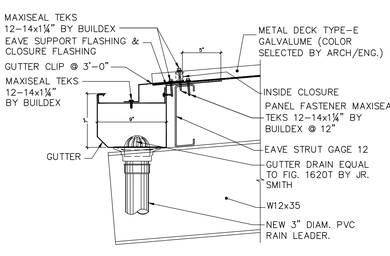
1. ALL SYMBOLS, WORKING STRESSES AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC ASD).
2. STRUCTURE STEEL HAS BEEN DESIGNED USING AISC ASD AND IBC LATEST EDITION.
3. EVIDENCE THAT THE STEEL FURNISHED MEETS OR EXCEEDS THE DESIGN YIELD STRENGTH SHALL BE PROVIDED IN THE FORM OF AN AFFIDAVIT OR BY WITHNESSED OR CERTIFIED TEST REPORT.
4. STRUCTURAL STEEL SHAPES SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
   a) STRUCT. TUBING (SQUARE ,RECTANGULAR AND ROUND), SHALL BE PER ASTM A–500, GRADE B.
   b) PIPES, SHALL BE PER ASTM A–53.
   c) STRUCTURAL SHAPES (WF) SHALL BE AS PER ASTM A992 (Fy=50ksi).
   d) ALL OTHERS STRUCTURAL SHAPES SHALL BE PER ASTM A–36.
5. SHOP AND FIELD WELDS SHALL BE MADE WITH E70 XX ELECTRODE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY SPECIFICATIONS.
6. ALL BOLTS SHALL BE AS PER ASTM A325–N, UNLESS NOTED OTHERWISE. BOLTED CONNECTION SHALL BE SHEAR/BEARING TYPE, NEED TO BE TIGHTED ONLY TO SNUG TYPE.
7. BOLTS SPECIFIED AS A307 SHALL COMPLY WITH ASTM A307, GRADE A AND GALVANIZED.
8. ANCHOR BOLTS SPECIFIED AS A36 SHALL COMPLY WITH ASTM A36 AND GALVANIZED.
9. ALL GALVANIZED METAL SHALL BE GALVANIZED BY THE HOT DIP METHOD MEETING ASTM A123.
10. ALL FIELD WELDS ON GALVANIZED STEEL SHAPES SHALL BE TREATED WITH ZRC COLD GALVANIZER COMPOUND OR AN APPROVED MATERIAL. APPLY FOLLOWING MANUFACTURED RECOMMENDATIONS.
11. THE WELDING OF ALL STRUCTURAL STEEL MEMBER CONNECTIONS MUST BE PERFORMED BY QUALIFIED WELDERS. WELDERS MUST BE QUALIFIED FOR EACH PROCESS USED AND FOLLOWING THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE–STEEL REQUIREMENTS. A REPORT MUST BE SUBMITTED TO THE ARCHITECT/ENGINEER BY AN APPROVED TESTING LABORATORY STATING THE NAME OF THE WELDERS, DATE QUALIFICATION WAS PERFORMED AND TYPES OF PROCESS QUALIFIED. THE QUALIFICATION MUST BE SUBMITTED FOUR WEEKS PRIOR TO THE DATE SCHEDULE FOR STARTING THE FIELD WELDINGS.
12. THE STRUCTURAL STEEL MEMBERS MUST BE SHOP PAINTED CONFORMING TO THE FEDERAL SPECIFICATION TT–P–636 (RED OXIDE) UNLESS OTHERWISE SPECIFIED. STEEL SHAPES SPECIFIED TO BE PAINTED AND INSTALLED IN THE FIELD MUST ALSO BE PAINTED CONFORMING TO REFER SPECIFICATION. SCRATCHES IN SHAPES MUST BE FIELD TOUCH AS REQUIRED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILING AND SUBMITTING FOR APPROVAL ALL CONNECTIONS NOT SHOWN ON THE DRAWINGS.
14. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER FOR APPROVAL SHOP DRAWINGS OF THE STRUCTURAL STEEL WORK PRIOR TO THE CONSTRUCTION OF WORK. THE DRAWINGS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN PUERTO RICO. ENGINEER MUST SUBMIT QUALIFICATIONS TO A/E FOR APPROVAL.
15. FOR ADDITIONAL STRUCTURAL NOTES TO DRAWING A–14.1.
16. UNDER NO CIRCUMSTANCES ARE CONSTRUCTION LOADS OF ANY DESCRIPTION TO BE PLACED ON UNSHORED ROOF STRUCTURAL SYSTEM.
17. BEAM MUST BE SHOP PAINTED CONFORMING TO THE FEDERAL SPECIFICATION TT–P–636 (RED OxIDE) UNLESS OTHERWISE SPECIFIED. FIELD PAINTED AS PER ARCHITECTURAL PAINTING SCHEDULE. COLOR TO BE SELECTED BY ARCHITECT/ENGINEER.
18. STRUCTURAL STEEL ANGLES AND PLATES MUST COMPLY WITH A–36 AND HOT DIP GALVANIZED CONFORMING TO ASTMA–924 WITH G–60 COATING ASTM C–955.
19. BEFORE COMMENCING PREPARATION OF SHOP DRAWINGS FOR THE ROOF SYSTEM, THE CONTRACTOR MUST VERIFY EXISTING DIMENSIONS IN THE FIELD. ANY DISCREPANCY MUST BE NOTIFIED IMMEDIATELY TO THE A/E. SHOP DRAWINGS MUST BE PREPARED USING FIELD DIMENSIONS.
20. SPECIFIED BOLTS SHALL BE TIGHTENED AS SPECIFIED IN MANUAL OF STEEL CONSTRUCTION 15TH EDITION, ALLOWABLE STRESS.

LEGEND:

1. NEW HSS 4"X4"X3/8" GALVANIZED STEEL COLUMN ATTACHED TO EXISTING CONCRETE BEAM.
2. EXPOSED FASTENER GALVANIZED PANEL TYPE B, WIDTH 24", 1½" DEEP AND 22 GAGE, FASTENED TO PURLINS.
3. NEW 3"DIAM. GALVANIZED METAL PIPE (⅛" THICK).
4. NEW STRUCTURAL STEEL BEAM.
5. NEW PURLINS "C" 8" X 2½" X GA 14.
6. NEW .125" GALVANIZED GUTTER. SEE DETAIL TD–1/A–14.
7. NEW REINFORCED CONCRETE ROOF SLAB ANCHORED TO EXISTING PERIMETER WALL WITH EPOXY DOWELS.
8. EXISTING STRUCTURE TO REMAIN MUST BE POWER WASH AND PAINTED AS PER PAINTING SCHEDULE.
9. OVERHANG ABOVE
10. EXISTING METAL GATE TO REMAIN TO BE SCRAPED AND PAINTED AS PER PAINING SCHEDULE.
11. EXISTING CHAIN LINK FENCE TO BE REPLACED BY A NEW FENCE INCLUDING SUPPORT POSTS AND GATES. SEE DETAILS IN DRAWING A–19.
12. EXISTING EXHAUST PIPE TO REMAIN AND TO BE PROTECTED DURING NEW ROOF CONSTRUCTION.
13. EXISTING FUEL TANK TO REMAIN.
14. EXISTING CONCRETE PAD FOR EMERGENCY POWER GENERATOR TO REMAIN.
15. EXISTING ORNAMENTAL BLOCKS WALL TO BE POWER WASH AND PAINTED AS PER PAINTING SCHEDULE.

SYMBOLS LEGEND FOR ARCHITECTURAL PLANS

- LEVEL LINE OF FINISHED FLOOR ELEVATION
- 1 / A–1 — BUILDING ELEVATION
- A / A–1 — BUILDING SECTION
- EXISTING PARTITION OR COLUMS.
- 100 / A–C — FEMA SOW DAMAGE IDENTIFICATION REFER TO DRAWING SOW–3.



TYP. DETAIL

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

TD–1
A–14

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
E-mail: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO
LICENCIADO
LIC. 5805
PUERTO RICO

"EL JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO LOS ESTUDIOS Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCIONES ADOPTADO POR LA JUNTA DE PLANIFICACION, REGLAMENTO NUM. 4 DE LA OFICINA PARA EL MEJORAMIENTO DE LAS ESCUELAS PUBLICAS DE PUERTO RICO Y DE LA JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 9 DE JUNIO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA REFORMA POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 416 DE 15 DE MAYO DE 1936, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA REGULAR EL EJERCICIO DE LA PROFESION DE INGENIERO Y DE LOS PROYECTOS DE INGENIERIA". ESTOY CONSCIENTE DE QUE EL INCUMPLIMIENTO DE ESTAS EXPRESIONES, Y POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA CORTE."

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT:
PW #107355 – MAIN FACILITIES

SHEET
A-14

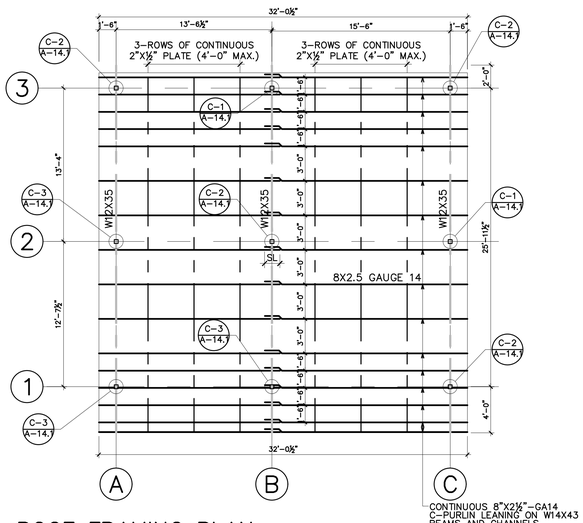
SPONSOR:
UNIVERSIDAD CENTRAL DEL CARIBE, INC.

DRAWING TITLE:
REFORMED FLOOR, ROOF PLAN & ELEVATIONS (GENERATOR BUILDING)

35 OF 59

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE 1/4"=1'-0"

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.



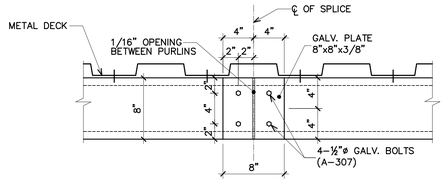
ROOF FRAMING PLAN

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

CONTINUOUS 8"X2½"-GA14 C-PURLIN LEANING ON W14X43 BEAMS AND CHANNELS (ATTACH BOTTOM OF PURLINS TO CONTINUOUS BRIDGING)

IMPORTANT NOTE:

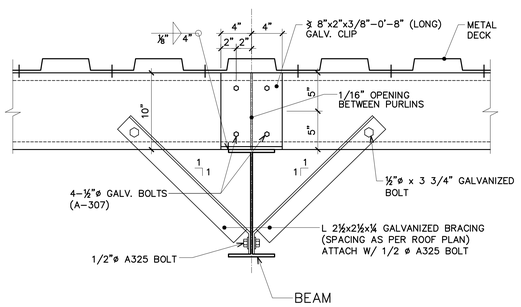
-BEFORE COMMENCING THE SPECIFIED WORKS ON THE BUILDING ROOF, CONTRACTOR MUST REMOVE ALL EXISTING METAL MEMBERS (DECK, JOISTS, BEAMS AND COLUMNS). ALSO, ANY BOLT AND STEEL PLATES THAT INTERFERE WITH THE PROPOSED BUILDING IMPROVEMENTS MUST BE REMOVED AT CONTRACTOR EXPENSE. THE CONTRACTOR MUST DISPOSE ALL REMOVED ITEMS FOLLOWING GOVERNMENT REGULATIONS. CONTRACTOR MUST VERIFY THE FIELD DIMENSIONS BEFORE PREPARING THE ROOF FRAMING SHOP DRAWINGS.



TYP. PURLIN SPLICING DETAIL

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

NOTE: SPLICE TO BE LOCATED AT 1/4 DISTANCE FROM STEEL BEAM AT AXIS. LOCATION MUST BE SHOWN IN THE SHOP DRAWINGS AND APPROVED BY THE A/E.



TYP. BEAM & PURLIN CONNECTION

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

WIND DESIGN DATA

1. ROOF MAIN WIND FORCE RESISTING SYSTEM (MWFRS) HAS BEEN DESIGNED TO COMPLY WITH SECTION 1609 OF IBC 2018 CODE; ALSO WITH PR-2018 BUILDING CODE FOR AMENDMENTS TO IBC 2018 CODE. THE FOLLOWING DATA HAS BEEN ESTABLISHED FROM ASCE/SEI 7-22-MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES:

   -RISK CATEGORY.....III
   -BASIC DESIGN WIND SPEED (V).....180 MPH
   -ALLOWABLE STRESS DESIGN WIND SPEED (Vasd)...140 MPH
   -WIND DIRECTIONAL FACTOR (Kd).....0.85
   -EXPOSURE CATEGORY.....C
   -TOPOGRAPHIC FACTOR Kzt.....1.00
   -GROUND ELEVATION FACTOR Ke.....1.00
   -GUST FACTOR.....0.85
   -VELOCITY PRESSURE EXPOSURE COEFFICIENT.....0.98
   -ENCLOSURE CLASSIFICATION.....PARTIALLY ENCLOSED
   -INTERNAL PRESSURE COEFFICIENT (GCpi).....+/- 0.55

2. THE MAIN WIND FORCE RESISTING SYSTEM (MWFRS) HAS BEEN DESIGNED USING THE DIRECTIONAL PROCEDURE AS SPECIFIED IN CHAPTER 27 (ASCE/SEI 7-22).

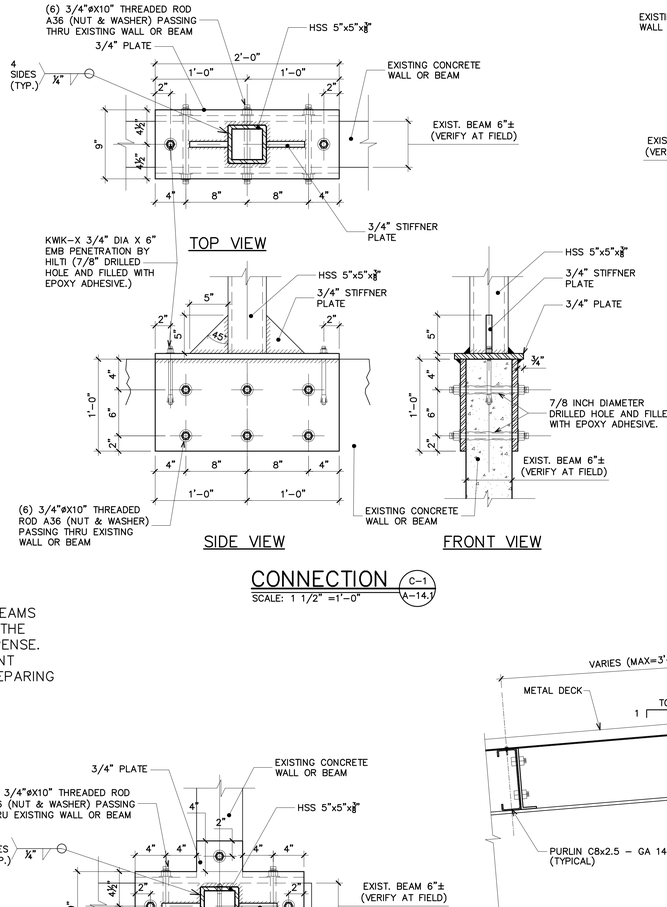
3. THE STRUCTURAL STEEL MANUFACTURER MUST PROVIDE THE DECK FASTENING SYSTEM AS DETAILED IN "ROOF DECKING FASTENING PATTERN" IN THIS DRAWING. A SHOP DRAWING BY CONTRACTOR MUST BE PROVIDED SHOWING THE FASTENING SYSTEM TYPE OF FASTENER AND SPACING. MINIMUM SYSTEM MUST PROVIDE THE SPECIFIED FASTENING SYSTEM. SHOP DRAWINGS MUST BE APPROVED BY THE ARCHITECT/ENGINEER (A/E). A TACK WELD SYSTEM IS NOT AN ACCEPTABLE SOLUTION.

4. REFER TO "TYPICAL METAL DECK" DETAIL IN THIS DRAWING FOR DESCRIPTION OF THE DECK.

5. ROOF PURLINS BOTTOM MUST BE CONNECTED AT A MAXIMUM OF 4'-6" C. TO C. SPACING WITH A GALVANIZED PLATE 1"X3/8" AND TWO FASTENERS CAPABLE OF RESISTING A MINIMUM FORCE OF 700 LBS.

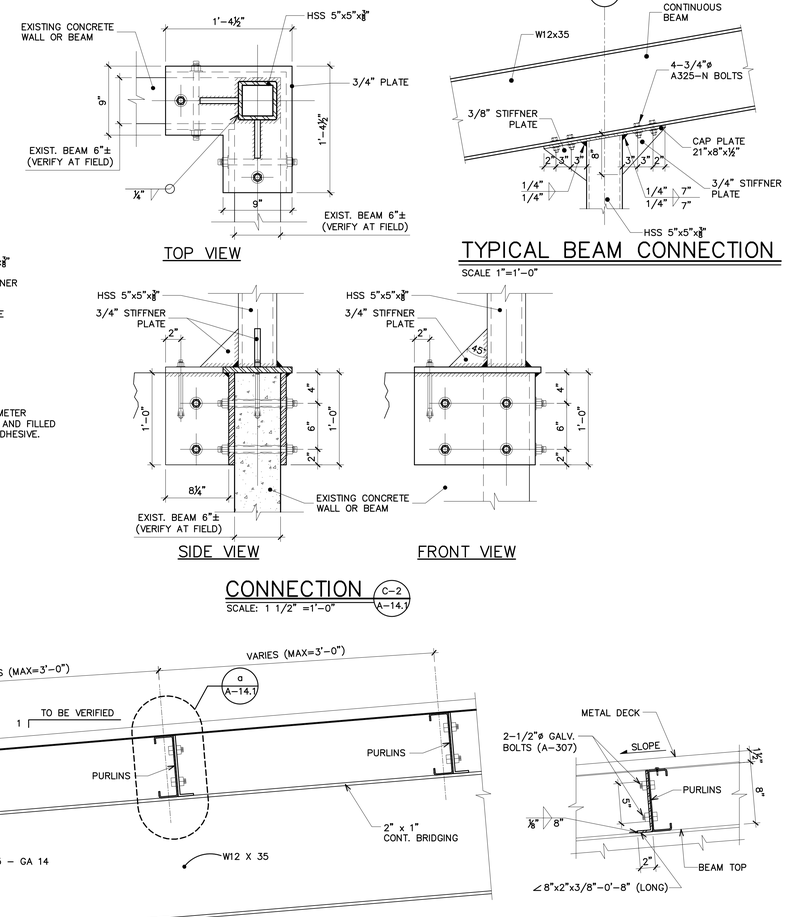
6. THE FASTENING SYSTEM MUST BE DESIGNED BY A P.R. REGISTERED ENGINEER AND A MEMBER OF THE COLEGIO DE INGENIEROS Y AGRIMENSORES DE P.R. THE LICENSE MUST BE VALID, AND THE NAME AND REGISTRATION MUST BE SUBMITTED FOR APPROVAL OF THE ARCHITECT/ENGINEER.

7. FOR GRAVITY LOADS REFER TO DRAWING A-4.



CONNECTION C-1 / A-14.1

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



CONNECTION C-2 / A-14.1

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

TYPICAL BEAM CONNECTION

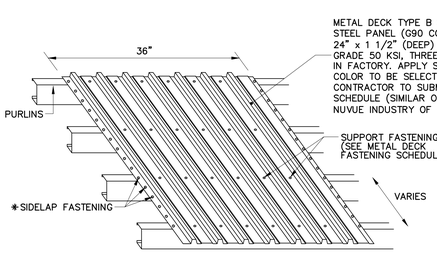
SCALE 1"=1'-0"

TYPICAL PURLINS DETAILS

SCALE: NOT TO SCALE

TYP. DETAIL a / A-14.1

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

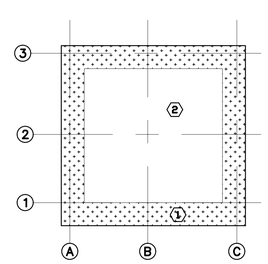


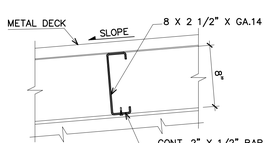
TYPICAL METAL DECK

NOT TO SCALE

STEEL COLUMN NOTES:

1. PROVIDE SMOOTH SURFACE AT THE BOTTOM OF THE COLUMN USING A THIN LAYER OF EPOXY ADHESIVE.
2. AFTER THE DRILLING IS DONE, THE HOLE MUST BE CLEANED WITH A BLOWER.
3. STEEL COLUMN AND BASE PLATE MUST BE EPOXY PAINTED AS PER PAINTING SCHEDULE.
4. PROVIDE A 1/2" SMOOTH CHAMFER AT ALL BASE PLATE EDGES.
5. ANY DEMOLITION REQUIRED OF CONCRETE ELEMENTS TO PERMIT THE INSTALLATION OF PLATES AND COLUMN MUST BE DONE WITH THE SOFTEST METHOD NOT TO DAMAGE THE STRUCTURAL ELEMENT. THE CONCRETE EDGES MUST BE RESTORED TO ORIGINAL CONDITIONS WITH AN EPOXY MIX TO PROVIDE A SMOOTH SURFACE.
6. PROVIDE 1" OF NON SHRINKAGE GROUT (Fc=8,000psi) ON THE BOTTOM OF THE BASE PLATE.



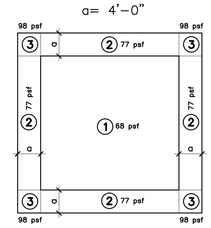


TYP. 8.5 X 2 1/2" X GA. 14 CONNECTORS TO BRIDGING BAR

ROOF DECKING FASTENING PATTERN:

1. 1.5 B TYPE METAL DECK GAGE 22 FY=50 KSI PROVIDE A FRAME FASTENING OF HILTI #12 DRILL SCREW ON A 24/5 PATTERN AND A SIDELAP FASTENERS OF HILTI #12 @12" BY HILTI
2. 1.5 B TYPE METAL DECK GAGE 22 FY=50 KSI PROVIDE A FRAME FASTENING OF HILTI #12 DRILL SCREW ON A 24/3 PATTERN AND A SIDELAP FASTENERS OF HILTI #12 @12" BY HILTI

a= 4'-0"



WIND LOADS PRESSURE ZONES (WORKING LOAD)

NOT TO SCALE

NOTES:

1. GRAVITARY LOAD PRESSURE TOWARD SURFACE: DEAD LOAD = 10 LB./SF LIVE LOAD = 20 LB./SF
2. SHOWN WIND PRESSURE VALVES DENOTES LOADS A WAY FROM SURFACE.
3. FOR METAL DECK FASTENING REFER TO "TYPICAL METAL DECK DETAIL" IN THIS DRAWING.

PURLINS NOTES

1.0 GENERAL

1.1 Description of work

Furnish all labor, materials, services and equipment necessary to complete all cold formed steel framing work shown on the drawings and/or as specified herein.

1.2 Submittals

The following items shall be furnished by the contractor prior to fabrication:

1.21 Shop drawings

Submit drawings for review which include:

a. Cross sections, plans and/or elevations depicting component types and locations for each unique framing application;
b. Connection details depicting fastener type, quantity, location and other information to assure proper installation;

1.22 Certifications

Submit statements from the framing manufacturer certifying conformance with applicable standards outlined in Part 2.3 of this note.

1.23 Literature

Submit technical literature prepared by the framing manufacturer.

1.3 Quality Assurance

1.31 Standards

Products and installation shall meet the requirements of the following standards:

a. American Iron and Steel Institute (AISI) Specification for the Design of Cold Formed Steel Structural Members, lastest edition.
b. American Welding Society (AWS) Specification for Welding Sheet Steel in Structures, D1.3.
c. American Society of Testing Materials (ASTM)Specifications.

2.0 PRODUCTS

2.1 Acceptable Manufacturers

Framing materials shall be equal to those manufactured by ACESCO CARIBE B street, Luchetti Park, Bayamon, P.R.00961-7409.

2.2 Structural Properties

C-Purlins to be C-Sections with lips.

2.3 Materials

2.3.1 16, 14 and 12 gauge studs shall be formed from steel conforming to the minimum requirements of ASTM A 653, SQ, Grade 50, Class 1, possessing a minimum yield of 50,000 psi.

2.3.2 Galvanized framing products will be coated in accordance with the requirements of ASTM A924.

Products will be furnished with a G-60 or equivalent coating to be in conformance with ASTM C-955.

3.0 EXECUTION

3.1 Installation: General

3.12 Temporary bracing shall be provided and remain in place until work is permanently stabilized.

3.13 Splicing of purlins must comply with details in drawings.

3.14 Studs shall be spaced as shown (in the contract documents or approved shop drawings) or as required to meet the design requirements and limitations of the collateral materials.

3.2 Installation: Purlins or Rafters

3.21 Provide web stiffeners at support locations where indicated (in the contract documents or approved shop drawings).

3.22 Mechanical bridging, of the type and spacing described (in the contract documents or approved shop drawings), shall be installed before loading.

3.23 End blocking shall be provided where purlins ends are not restrained against rotation.

3.24 During construction, the roof/rafter system shall not be loaded beyond the limits for which it was designed.

3.25 Welds on galvanized metal must be treated with zrc cold galvanizer compound following manufacturer's recommendations.

3.26 Refer to structural steel notes on drawing A-14.

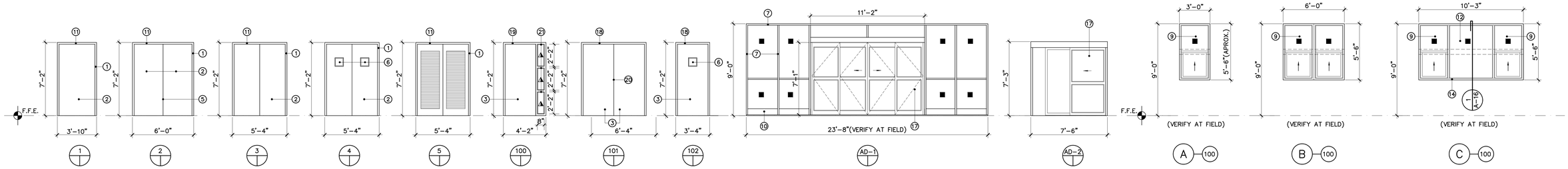
BID DRAWINGS PHASE

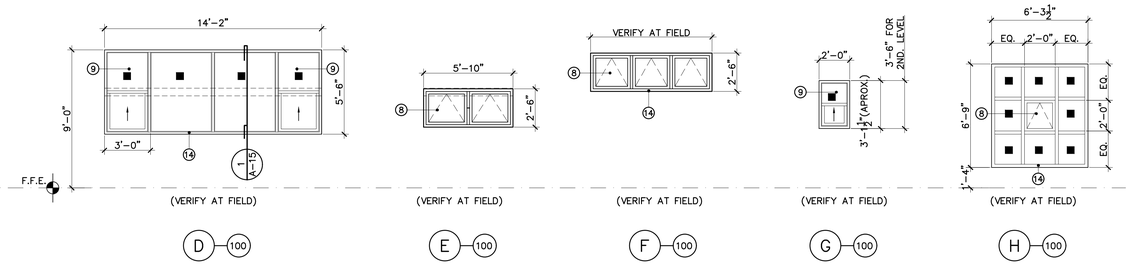
RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralej@ra-pr.com
JOSE R. ALEJANDRO GARCIA INGENIERO LICENCIADO LIC. 5805 PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO LOS DISEÑOS Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONSTRUCCIONES ADOPTADO POR LA JUNTA DE PLANIFICACION, REGLAMENTO NUM. 4 DE LA OFICINA PARA EL MEJORAMIENTO DE LAS ESCUELAS PUBLICAS DE PUERTO RICO, LA JURISDICCION, CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES YO HE CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 74 DE 9 DE JUNIO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA REFORMA POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 229 DE 15 DE MAYO DE 1936, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA REGULAR EL EJERCICIO DE LAS PROFESIONES DE INGENIERO Y ARQUITECTO EN PUERTO RICO". ESTOS PLANOS Y ESPECIFICACIONES, SI POR OTRAS PERSONAS CON MI CONSENTIMIENTO, NO SERAN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUPA.

REVISIONS:	REVISION DATE
•	•
•	•
•	•
•	•

PROJECT: PW #107355 - MAIN FACILITIES	SHEET A-14.1
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.	
DRAWING TITLE: TYPICAL STRUCTURAL ROOF DETAILS	36 of 59
JOB NO: 2312 · DATE: OCTOBER, 2026 · SCALE: AS SHOWN	





DOORS AND STOREFRONTS LEGEND:

(1) PIONEER SERIES F (INTEGRAL) – 2" x 5 3/4" PROFILE, HOT DIPPED GALVANIZED FRAME IN GAUGE 14 FOR 1–3/4" DOORS. UL LABEL WILL BE REQUIRED EQUAL TO DOOR LABEL. SEE TYPICAL DETAIL SF–1

(2) 36" X 84" X 1–3/4" PIONEER SERIES HP STYRENE CORE – STANDARD DOOR DESIGN V (VISION LITE) SEAMLESS EDGE, HOT DIPPED GALVANIZED STEEL DOOR IN GAUGE 16. DOOR WILL BE LABELED 20 MINUTES FIRE RATED.

(3) 36" X 84" X 1–3/4" – 20 MINUTES FIRE RATED AMPCO WOOD DOORS – MODEL PC20 – KILN HARDWOOD WITH PARTICLE BOARD SOLID CORE TO MEET OR EXCEED ANSI A208.1 AND CS236.66. DOOR FACE IN 1/8"– 3 PLY CROSSBANDED HARDWOOD FACE VENNER.1/30" FACE VENEER (FACE VENEER TO BE SELECTED BY A/E)

(4) EXISTING CONCRETE ELEMENT..

(5) TYPICAL METAL DOORS ASTRAGAL DETAILS SEE MA–1.

(6) 10" x 10" NET OPENING VISION PANEL IN 1/4" PILKINTONS PYROSHIELD DIAMOND OR GEORGIAN POLISHED WIRE GLASS ON 20 GAUGE PEMKO VISION LITE FRAME AND FIREGLAZE GLAZING COMPOUND BY PEMKO (PRODUCT NUMBER FG–3000).

(7) 2 1/2" X 5" SERIES FG–5700 STORMMAX STOREFRONT SYSTEMS IN MATTE BLACK ANODIC COATING DESCRIBED ON DOORS ELEVATIONS CONFORMING TO ALUMINUM ASSOCIATION STANDARD AA–M12–C22–A31 AS MANUFACTURED BY OLDCASTLE GLASS VISTAWALL.

NOTES:
a) NOT INCLUDED BY MFGD. :
* ANY CONCRETE WORK
b) ELEVATION IS VIEWED FROM EXTERIOR OF BLDG. OR ROOM.
c) ALL FINISH OPENING DIMENSIONS (F.O.D.) SHALL BE VERIFIED BEFORE FABRICATION.
d) ALL GLASS DIMENSIONS (G.D.) SHALL BE VERIFIED BEFORE FABRICATION.
e) GENERAL CONTRACTOR SHALL VERIFY QUANTITIES & DIMENSIONS FOR APPROVAL.

(8) SERIES ZS–2750 STORMMAX ZERO SIGHTLINE IMPACT–RESISITANT PROJECT OUT WINDOW SYSTEM STOREFRONT SYSTEMS IN MATTE BLACK ANODIC COATING DESCRIBED ON DOORS ELEVATIONS CONFORMING TO ALUMINUM ASSOCIATION STANDARD AA–M12–C22–A31 AS MANUFACTURED BY OLDCASTLE GLASS VISTAWALL.

NOTES:

a) ELEVATION IS VIEWED FROM EXTERIOR OF BLDG. OR ROOM.
b) ALL FINISH OPENING DIMENSIONS (F.O.D.) SHALL BE VERIFIED BEFORE FABRICATION.
b) ALL GLASS DIMENSIONS (G.D.) SHALL BE VERIFIED BEFORE FABRICATION.
c) GENERAL CONTRACTOR SHALL VERIFY QUANTITIES & DIMENSIONS FOR APPROVAL.

(9) IMPACT RESISTANT SINGLE HUNG ALUMINUM & GLASS WINDOW EQUAL TO PGT WINGUARD ALUMINUM WINDOWS (PGTWINDOWS.COM)

(10) TYPICAL 1 3/4" X 8" HEIGHT – BOTTOM RAIL D–71 (EXTERIOR/INTERIOR)

(11) PROVIDE TYPICAL DOOR TOP PROTECTION. SEE DETAIL IN THIS DRAWING.

(12) ROLLING DOOR MODEL ERD10 BY CORNELL.

(13) SNAP–ON MULLION COVER.

(14) 2 1/2" X 5" SERIES FG–5700 STORMMAX STOREFRONT SYSTEMS IN MATTE BLACK ANODIC COATING DESCRIBED ON DOORS ELEVATIONS CONFORMING TO ALUMINUM ASSOCIATION STANDARD AA–M12–C22–A31 AS MANUFACTURED BY OLDCASTLE GLASS VISTAWALL.

NOTES:
a) NOT INCLUDED BY MFGD. :
* ANY CONCRETE WORK
b) ELEVATION IS VIEWED FROM EXTERIOR OF BLDG. OR ROOM.
c) ALL FINISH OPENING DIMENSIONS (F.O.D.) SHALL BE VERIFIED BEFORE FABRICATION.
d) ALL GLASS DIMENSIONS (G.D.) SHALL BE VERIFIED BEFORE FABRICATION.
e) GENERAL CONTRACTOR SHALL VERIFY QUANTITIES & DIMENSIONS FOR APPROVAL.

(15) VERTICAL MULLION.

(16) CAULKING JOINT.

(17) HURRICANE RESISTANT AUTOMATIC SLIDING DOOR WITH BREAKAWAY PANEL. RECORD USA 5400–1 SERIES IN MATTE BLACK ANODIC COATING DESCRIBED ON DOORS ELEVATIONS CONFORMING TO ALUMINUM ASSOCIATION STANDARD AA–M12–C22–A31.

(18) PIONEER SERIES DW (SLIP–ON) – GAUGE 16, 1–3/4" JAMB X 2" FACE HOT DIPPED GALVANIZED 4–7/8" WIDTH DRYWALL FRAME FOR 1–3/4" DOORS. SEE DETAIL SF–2. UL LABEL WILL BE REQUIRED EQUAL TO DOOR LABEL.

(19) PIONEER SERIES S (STICKS) SPECIAL FRAME WITH SIDELIGHT – 16, 1–3/4" JAMB X 2" FACE HOT DIPPED GALVANIZED 4–7/8" WIDTH DRYWALL FRAME FOR 1–3/4" DOORS. SEE DETAIL SF–2. UL LABEL WILL BE REQUIRED EQUAL TO DOOR LABEL.

(20) TYPICAL WOOD DOORS ASTRAGAL DETAILS SEE DETAIL WA.

(21) VISION PANEL IN 1/4" TEMPERED FIREGLASS20 ON 18 GAUGE 5/8" HIGH GLAZING BEADS WITH #8 FASTENERS AT 9" MAX. SPACING AND FIREGLAZE GLAZING COMPOUND BY PEMKO PRODUCT NUMBER FG–3000).

WINDOWS & FENESTRATION ITEMS NOTES

- PRIOR TO CONSTRUCTION OF WINDOWS OR FENESTRATION ITEMS CONTRACTOR MUST VERIFY ALL OPENINGS IN THE FIELD, ANY DISCREPANCIES MUST BE NOTIFIED TO A/E
- CONTRACTOR MUST SUBMIT A COMPLETE SET OF ALL ITEMS SHOP DRAWINGS FOR A/E APPROVAL
- APPLY TREMCO SPECTREM –1– SILICONE SEALANT AT ALL INTERIOR AND EXTERIOR SIDES OF OPENINGS PERIMETER. COLOR OF SEALANT TO BE SELECTED BY A/E
- ALL ITEMS MUST BE SECURELY ANCHORED IN PLACE TRUE AND PLUMB
- ALL ITEMS MUST BE SECURELY ANCHORED IN PLACE TO CONCRETE ELEMENTS WITH STAINLESS STEEL ANCHORS WITH A MINIMUM PENETRATION INTO CONCRETE OF 1–1/2" AND SPACED NO MORE THAN 2'–0" C.C. ITEMS MUST BE CAPABLE OF WITHSTAND A 55 PSF WIND LOAD
- A CASH ALLOWANCE OF $ 10,000.00 IS ESTABLISHED FOR THE INSTALLATION OF WINDOW'S STORM PROTECTION SYSTEM. CONTRACTOR WILL BE REQUIRED TO COORDINATE THE INSTALLATION WITH A SUB CONTRACTOR SELECTED BY THE OWNER. THIS COORDINATION MUST BE INCLUDED IN ITS PROPOSAL

DOOR NOTES

1 SUBMIT SHOP DRAWINGS FOR ARCHITECT APPROVAL OF ALL DOOR AND RELATED ITEMS.

2 ALL DOORS EXCEPT OTHERWISE SPECIFIED ON DRAWINGS MUST BE PREPARED FOR 1–1/2 PAIR BUTTS.

3 ALL OPENINGS MUST BE VERIFIED ON THE FIELD, ANY DISCREPANCIES MUST BE NOTIFIED TO THE ARCHITECT.

4 DOORS MANUFACTURER MUST MAKE ALL NECESSARY PROVISIONS FOR PROPER INSTALLATION OF SPECIFIED HARDWARE.

5 APPLY POWER GUN TREMCO BUTYL SEALANT ON ALL DOOR FRAMES PERIMETER. ALL OPENINGS MUST BE CAULKED AND SEALED ON INTERIOR AND EXTERIOR SIDES. COLOR OF CAULKING WILL BE SELECTED BY THE ARCHITECT.

6 ALL DOORS SURFACES, INCLUDING EDGES, MUST BE FACTORY PRIMED & PAINTED WITH TWO COATS OF ENAMEL AS PER PAINTING SCHEDULE.

7 ALL LOCKS MUST BE MASTER KEYED AS PER HARDWARE SCHEDULE INSTRUCTIONS

8 ELECTRIC LOCKS WHEN OCCURS MUST BE SUPPLIED WITH ONE 24 VOLTS TRANSFORMER.TRANSFORMER INSTALLATION AND POWER WIRING RUNS MUST BE PROVIDED BY CONTRACTOR WITH ARCHITECT APPROVAL PRIOR TO INSTALLATION.

9 WHEN DOORS OPENINGS OCCURS AT EXISTING CONCRETE OR MASONRY ELEMENTS PROVIDE TYPICAL CONCRETE LINTEL.

10 WHEN DOOR PAIRS OCCURS INACTIVE LEAF WILL BE MORTISED AND REINFORCED WITH 14 GAUGE STEEL FOR 12" TOP AND BOTTOM FLUSH BOLTS. INACTIVE DOOR WILL BE PROVIDED WITH TYPICAL ASTRAGAL DETAIL MA–1

11 ALL DOORS WILL BE PROVIDED WITH A MAXIMUM OF 3/8" UNDER CUT.

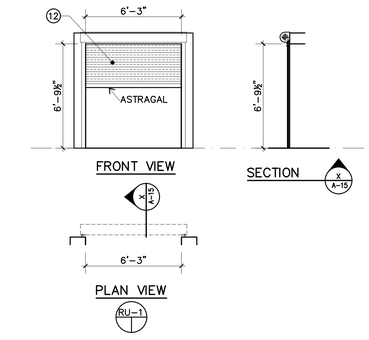
12 ALL DOOR WILL BE PAINTED AR PER PAINTING SCHEDULE

WOOD DOORS & NOTES

1. ALL DOORS SURFACE, (EXCEPT WHEN A VENEER IN SPECIFIED) INCLUDING EDGES, WILL BE PROPERLY SANDED AND FINISHED AS PER PAINTING SCHEDULE.
2. ALL NAILS & SCREWS WILL BE TOTALLY CONCEALED WITH WOOD MASTIC IN MATCHING WOOD BASE TONE.
3. PROVIDE DOUBLE STUD REINFORCEMENT AT ALL DOORS AND WINDOWS OPENING SPERIMETER.

METAL DOORS & FRAMES NOTES

- ALL DOORS WILL BE PREPARED FOR 1–1/2 PAIR BUTTS.
- ALL DOOR SURFACES,INCLUDING EDGES,WILL BE FACTORY PRIMED & PAINTED WITH TWO COATS OF ENAMEL AS PER PAINTING SCHEDULE.
- ALL DOORS WILL BE PROVIDED WITH A MAXIMUM 3/8" UNDER CUT.



GLASS IDENTIFICATION

△ 1/4" LAMINATED CLEAR GLASS
▲ 3/8" LAMINATED CLEAR GLASS
■ 9/16" THICK LAMINATED GLASS (2 LAYERS OF 1/4" HEAT STRENGTHENED GLASS AND .090" POLYVINYL BUTYRAL INTERLAYER)

ALUMINUM FINISHES

100 #100 MATTE BLACK ANODIC COATING. CONFORMING TO ALUMINUM ASSOCIATION STD. AA–M12 C22 A31

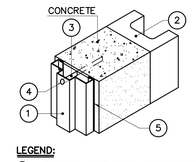
TYP. EXTERIOR VERTICAL SECTION

SCALE: 3"=1'–0"

1 / A–15

HARDWARE SCHEDULE

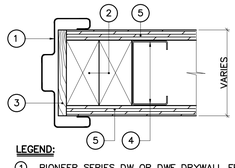
H SET # 1 (EXIT) – SINGLE				
3	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	EXIT DEVICE	8913 ETL 32D / 26D	SAR
1	EA.	DOOR CLOSER	1431 DA 26D	SAR
1	EA.	PERIMETER GASKETING	303 PK	PEM
1	EA.	DOOR BOTTOM (METAL DOOR)	90100CNB	PEM
1	EA.	OVERHEAD STOP	100S 26D	GLY
H SET # 2 (BASEMENT) – PAIR				
6	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	DEAD LOCK	4876 26D	SAR
		(KEY CYLINDER TO BE INSTALLED TO THE INTERIOR SIDE)		
1	EA.	PULL PLATE	1018 628	TRI
2	EA.	FLUSH BOLT (METAL DOOR)	3917 12" 26D	TRI
2	EA.	FLOOR STOP	1211 RP 26D TRI	PEM
2	EA.	HOLD OPEN	590H 26D	SAR
1	EA.	PERIMETER GASKETING	303 CPK	PEM
1	EA.	DOOR BOTTOM (METAL DOORS)	90100 CNB	PEM
H SET # 3 (EXIT) – PAIR				
6	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	EXIT DEVICE	14–8713 ETL 32D / 26D	SAR
1	EA.	EXIT DEVICE	14–8710 32D / 26D	SAR
2	EA.	DOOR CLOSER	1431 RODA 26D	SAR
1	EA.	DOOR COORDINATOR	3488	SAR
1	EA.	PERIMETER GASKETING	303 PK	PEM
2	EA.	DOOR BOTTOM (METAL DOOR)	18100CNB	PEM
2	EA.	OVERHEAD STOP	100S 26D	GLY
1	EA.	EXIT SADDLES	2006C9	PEM
H SET # 4 (MECHANICAL/ELECTRICAL ROOM) – PAIR				
6	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	DEAD LOCK	4876 26D	SAR
1	EA.	PULL PLATE	1018 668	TRI
2	EA.	FLUSH BOLT (METAL DOOR)	3917 12" 26D	TRI
2	EA.	FLOOR STOP	1211 RP 26D TRI	PEM
2	EA.	HOLD OPEN	590H 26D	SAR
1	EA.	PERIMETER GASKETING	303 CPK	PEM
1	EA.	DOOR BOTTOM (METAL DOORS)	90100 CNB	PEM
H SET # 5 (MECHANICAL/ELECTRICAL ROOM) – PAIR				
6	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	LOCKSET	8204 WTL 26D	SAR
1	EA.	DOOR CLOSER (ACTIVE DOOR)	1431 RODA 26D	SAR
2	EA.	FLUSH BOLT (WOOD DOOR)	3913 12" 26D	TRI
1	EA.	BRUSH ASTRAGAL	18041 NB	PEM
1	EA.	PERIMETER GASKETING	303 CPK	PEM
1	EA.	DOOR BOTTOM (WOOD DOORS)	90062 NB	PEM
H SET # 6 (CLASSROOM) – SINGLE				
3	EA.	BUTTS	BB1191 4.5 X 4.5 32D	HAG
1	EA.	LOCKSET	10XG37–L–L 26D	SAR
1	EA.	CLOSER	1431 ODA EN	SAR
1	EA.	FLOOR STOP	1211 RP	PEM
1	EA.	PERIMETER GASKETING	HSS2000X88	PEM



LEGEND:
(1) PIONEER HOT DIP GALVANIZED STEEL FRAME FOR 1 3/4" DOORS.
(2) MASONRY ELEMENT WHEN OCCURS.
(3) 3 PER JAMB TW BUILDEX TAPCON, 1/4" DIAMETER X 4" LENGTH CONCRETE FASTENERS.
(4) HOLE METAL PLUG.
(5) CAULKING AT BOTH SIDES.

TYPICAL METAL FRAME DETAIL

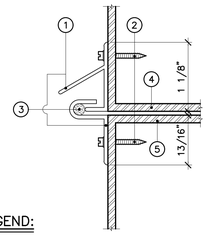
N.T.S. TYP–SF1 — SF–1



LEGEND:
(1) PIONEER SERIES DW OR DWF DRYWALL FRAME REFER TO DOOR DETAILS FOR SPECS.
(2) TWO (2) 2"X 4" NOMINAL PRESSURE TREATED AGAINST TERMITES WOOD FRAME (JAMB & TOP)
(3) 1/2" MIN. PRESSURE TREATED AGAINST TERMITES WOOD BLOCKING (JAMB & TOP).
(4) TYPICAL 3 5/8" GALV. STUDS
(5) REFER TO DRYWALL TYPES DETAILS

TYPICAL DRYWALL FRAME DETAIL

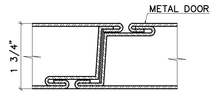
N.T.S. TYP–SF2 — SF–2



LEGEND:
(1) DOOR TOP PROTECTION CONSISTING OF ITEM 347A & ITEM 68 AR BY PEMKO.
(2) METAL SCREWS.
(3) CLOSED CELL SPONGE NEOPRENE.
(4) DOOR FRAME.
(5) DOOR HEAD.

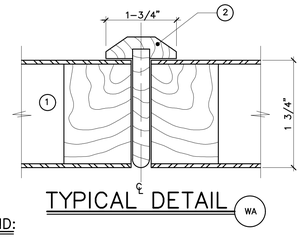
EXTERIOR(ONLY) DOORS TOP PROTECTION TYP. DETAIL

FULL SCALE



TYPICAL ASTRAGAL DETAIL MA–1

N.T.S. — MA–1



TYPICAL DETAIL

WA

LEGEND:
(1) DOOR
(3) TYPICAL NAILED SOLID CAOBA WOOD MOULDING WITH MITTERED CORNERS AND ALL NAILS CONCEALED.

TYPICAL WOOD MOULDING DETAILS

NOT TO SCALE

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

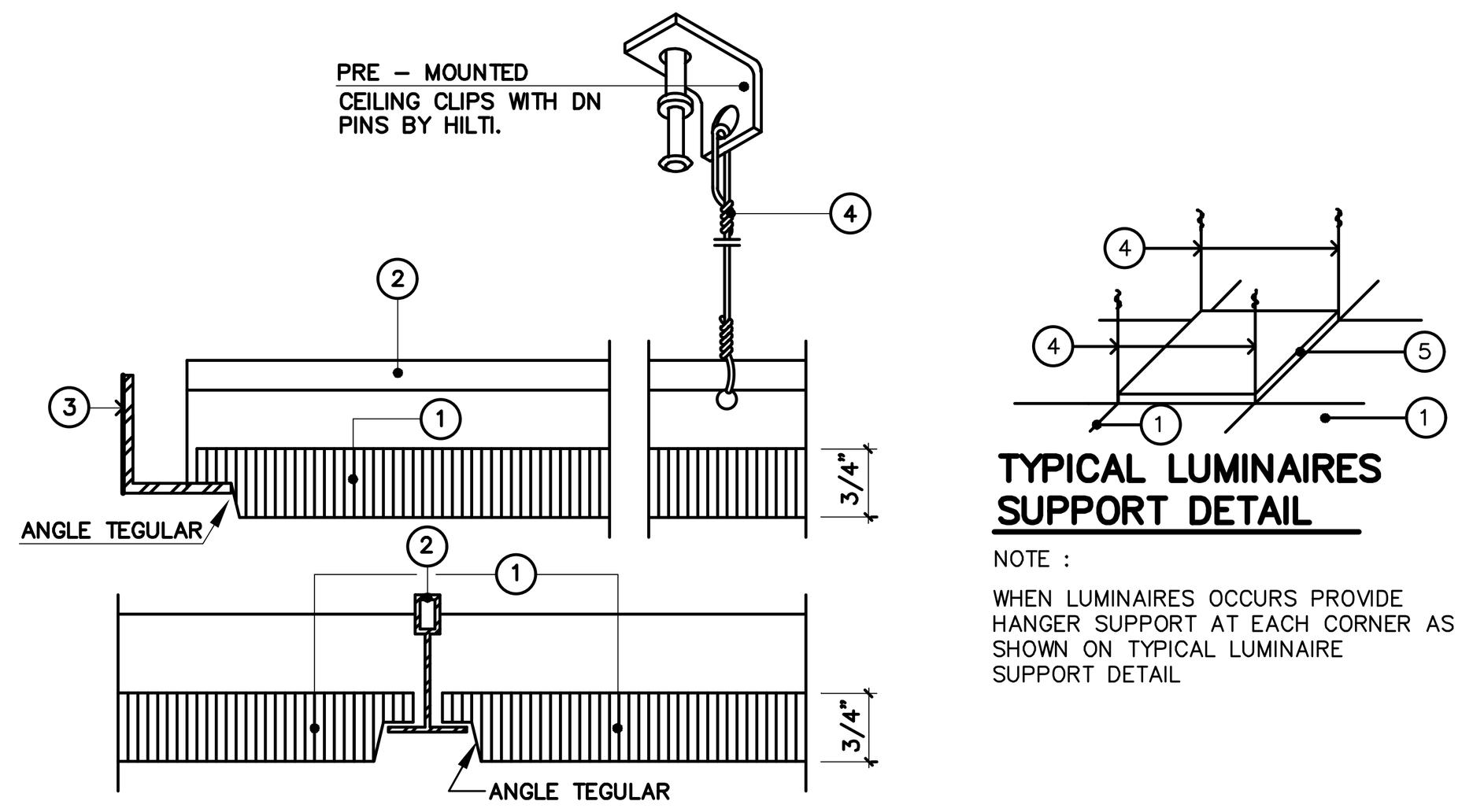
JOSE R. ALEJANDRO GARCIA INGENIERO LICENCIADO LIC. 5805 PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICO QUE ENTIENDO QUE ESTOS PLANOS Y ESPECIFICACIONES COMPLETOS CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS, REGLAMENTACIONES Y CORPORACIONES PUBLICAS CON JURISDICCION SOBRE LA OBRA PROPUESTA. ESTOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES DE LA LEY NUM. 76 DE 5 DE AGOSTO DE 2000, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA REFORMA PARA LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 416 DE 22 DE SEPTIEMBRE DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA SEGURIDAD, SALUD Y BIENESTAR DE LOS TRABAJADORES". SI ESTOS PLANOS Y ESPECIFICACIONES SON USADOS POR EMPLEADOS, O POR OTRAS PERSONAS CON MI CONSENTIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA SUPA.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.
DRAWING TITLE: DOORS, WINDOWS & STOREFRONTS DETAILS
JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE AS SHOWN
SHEET A-15
37 OF 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.

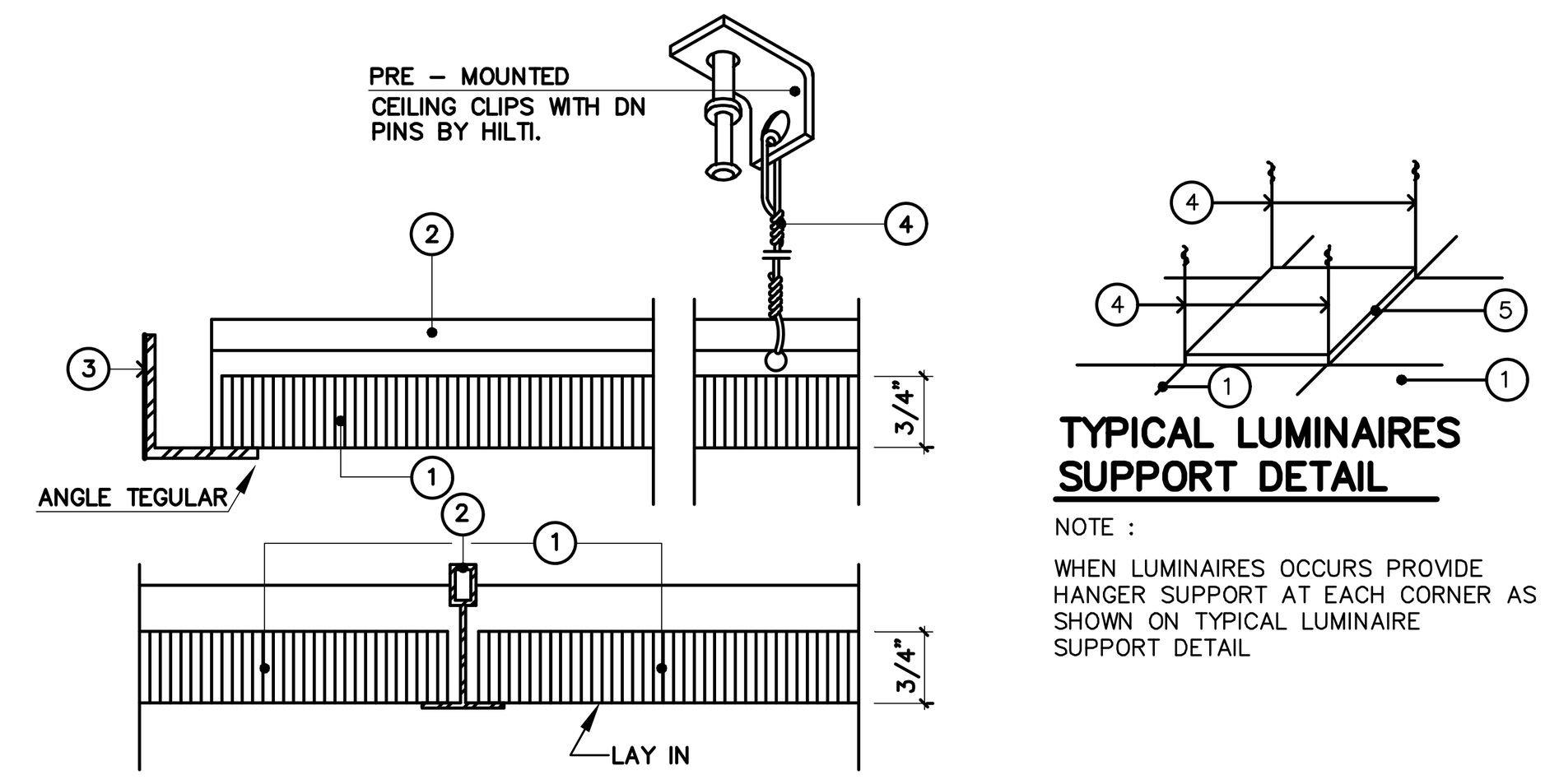


LEGEND:

1. AMSTRONG ULTIMA FINE TEXTURE FIRE GUARD (HIGH NRC) PANELS. ITEM 1911 24" X 24" X 3/4" BEVELED TEGULAR – FIRE GUARD (UL) FOR 15/16" PRELUDE PLUS FIRE GUARD EXPOSED TEE GRID SYSTEM 820 – FIRE RESISTIVE (FOR ACOUSTICAL SUSPENDED CEILING TYPE 1 ONLY).
2. 15/16" PRELUDE PLUS XL FIRE GUARD EXPOSED TEE GRID SYSTEM – FIRE RESISTIVE
3. 7/8" HEMMED WALL MOLDING ANGLE IN ALUMINUM WHITE WITH COMMERCIAL QUALITY COLD ROLLED HOT DIPPED GALVANIZED STEEL (INCLUDE ALL NECESSARY CORNER COVER –ITEM 7863) BY ARMSTRONG.
4. GAUGE 9, PRE–STRESSED GALVANIZED STEEL WIRE HANGER @ 4'–0" MAX. SPACING. PROVIDE FOUR HANGERS AT ALL LUMINARIES SUPPORT GRID CORNERS
5. TYPICAL FLUORESCENT LUMINARIE WHEN OCCURS

TYPICAL ACOUSTICAL SUSPENDED CEILING TYPE 1 DETAIL (ACT–1)

NOT TO SCALE

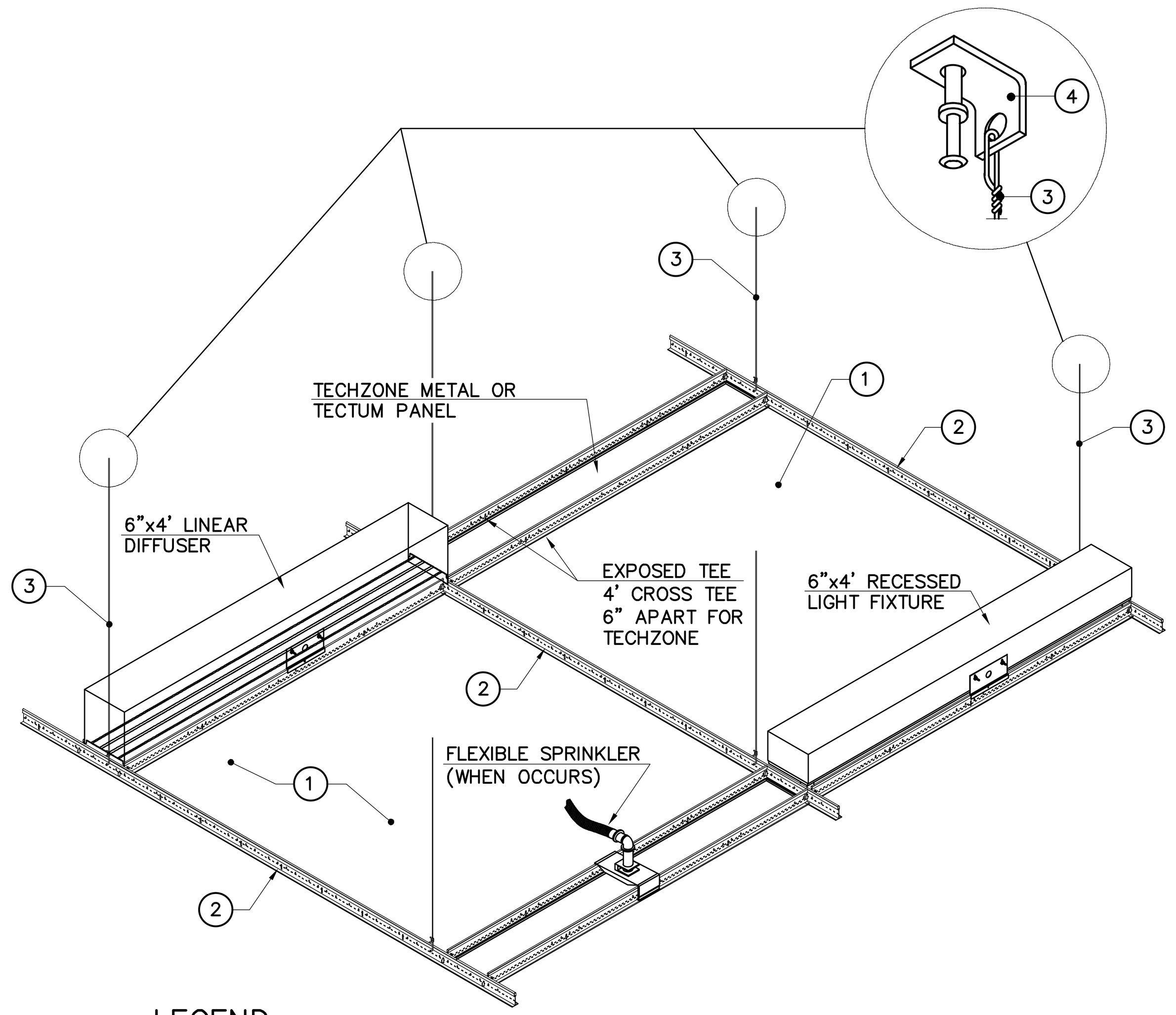


LEGEND:

1. ARMSTRONG ULTIMA HEALTH ZONE ITEM #1935 24" X 24" X 3/4" LAY IN OR ARMSTRONG ULTIMA ITEM #1938 HRC 24"X48"X¾" LAY IN. FIRE GUARD (UL) FOR 15/16" PRELUDE PLUS FIRE GUARD EXPOSED TEE GRID SYSTEM 820 – FIRE RESISTIVE (FOR ACOUSTICAL SUSPENDED CEILING TYPE 1 ONLY).
2. 15/16" PRELUDE XL FIRE GUARD EXPOSED TEE GRID SYSTEM – FIRE RESISTIVE
3. ⅞" X ⅞"ANGLE MOLDING HEMMED WITH PREFINISHED EXPOSED FLANGES FINISH STANDARD WHITE (WH) BY ARMSTRONG.
4. GAUGE 9, PRE–STRESSED GALVANIZED STEEL WIRE HANGER @ 4'–0" MAX. SPACING. PROVIDE FOUR HANGERS AT ALL LUMINARIES SUPPORT GRID CORNERS
5. LUMINARY OR A/C EQUIPMENT WHEN OCURRS

TYPICAL ACOUSTICAL SUSPENDED CEILING TYPE 2 DETAILS (ACT–2)

NOT TO SCALE



LEGEND:

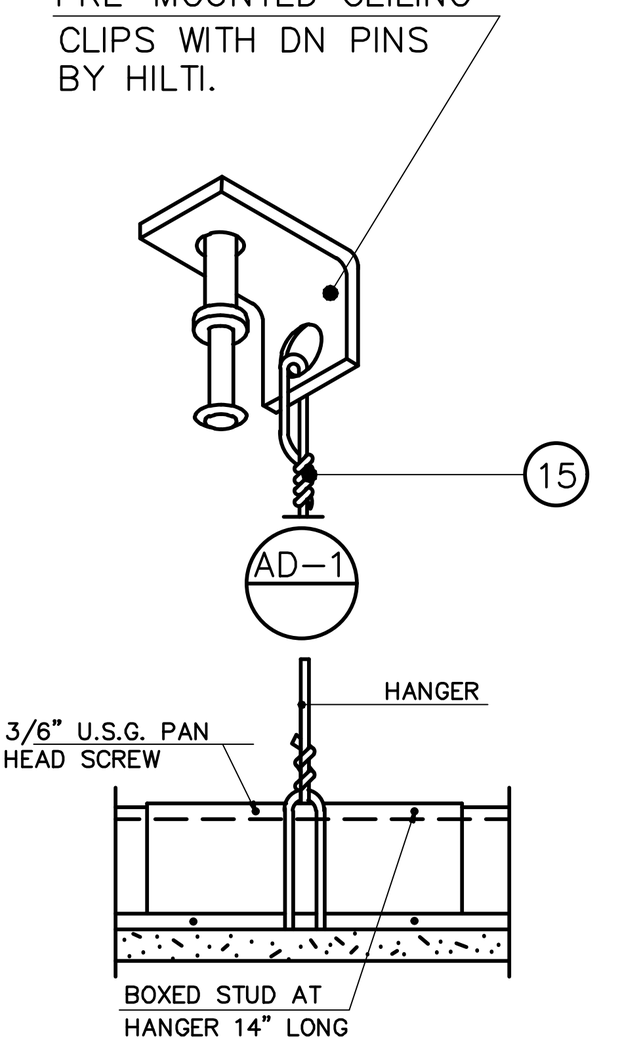
1. ARMSTRONG, TILE – TECTUM LAY–IN PANEL. SIZE 48"X48" FOR 15/16" PRELUDE EXPOSED TEE GRID SYSTEM.
2. 15⁄16" PRELUDE EXPOSED TEE GRID SYSTEM BY ARMSTRONG. PROVIDE TECTUM HOLD DOWN CLIPS.
3. GAUGE #12, PRE–STRESSED GALVANIZED STEEL HANGER WIRE @ 4'–0" MAXIMUM SPACING.
4. PRE – MOUNTED CEILING CLIPS WITH DN PINS BY HILTI.

GENERAL NOTES FOR STANDARD CEILING SYSTEMS:

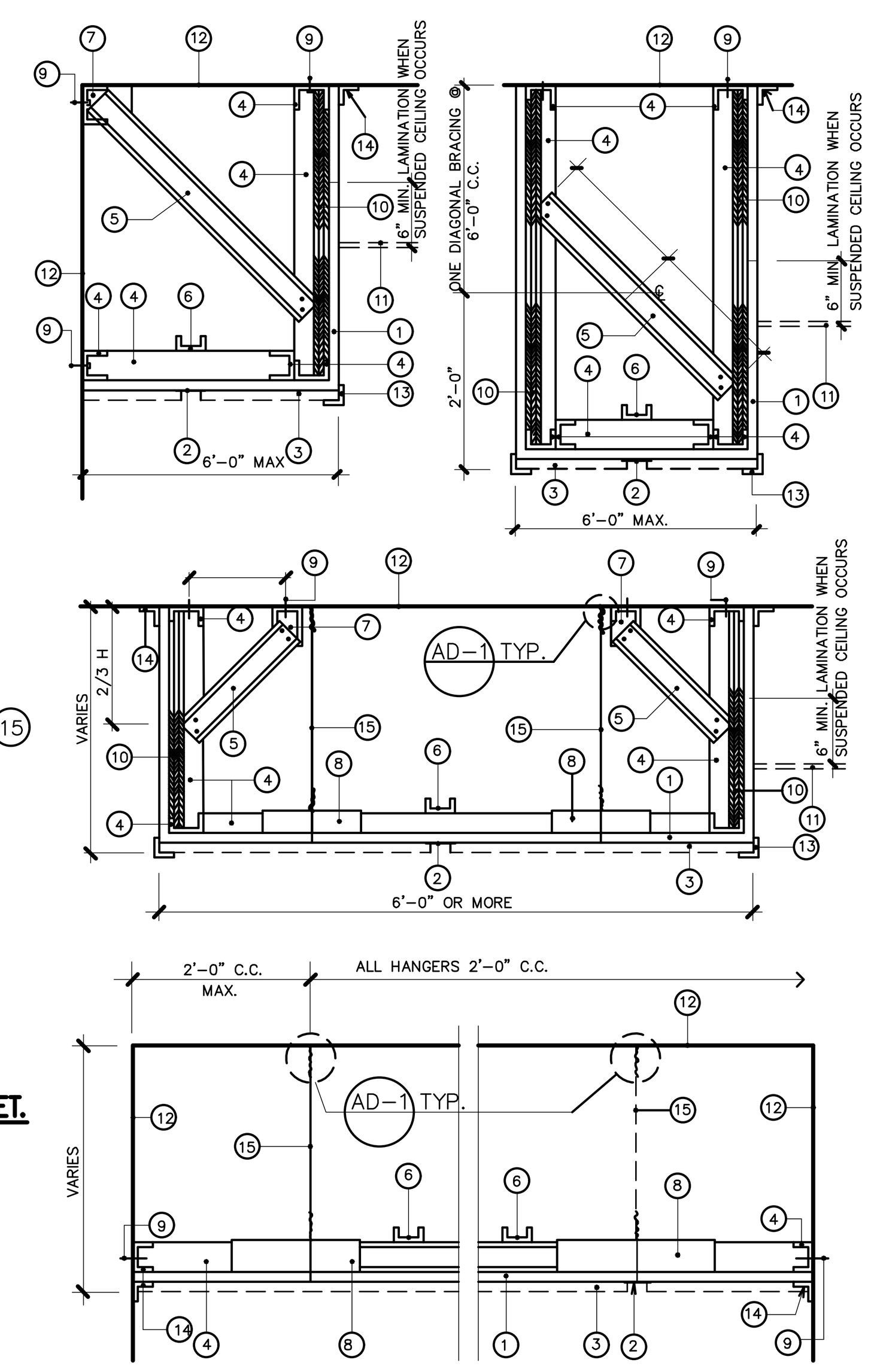
* INSTALL PER ASTM C636
* PROVIDE SEISMIC BRACING AS REQUIRED BY INTERNATIONAL BUILDING CODE
* REFER TO TECHNICAL SPECIFICATIONS 09910: INTEGRATED CEILING ASSEMBLIES TYPE 2
* FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.

TYP. TECHZONE INTEGRATED ACOUSTICAL SUSPENDED CEILING TYPE 3 DETAILS

NOT TO SCALE (MASCFR)



TYP. BOXED–STUD SPLICE DET.



LEGEND:

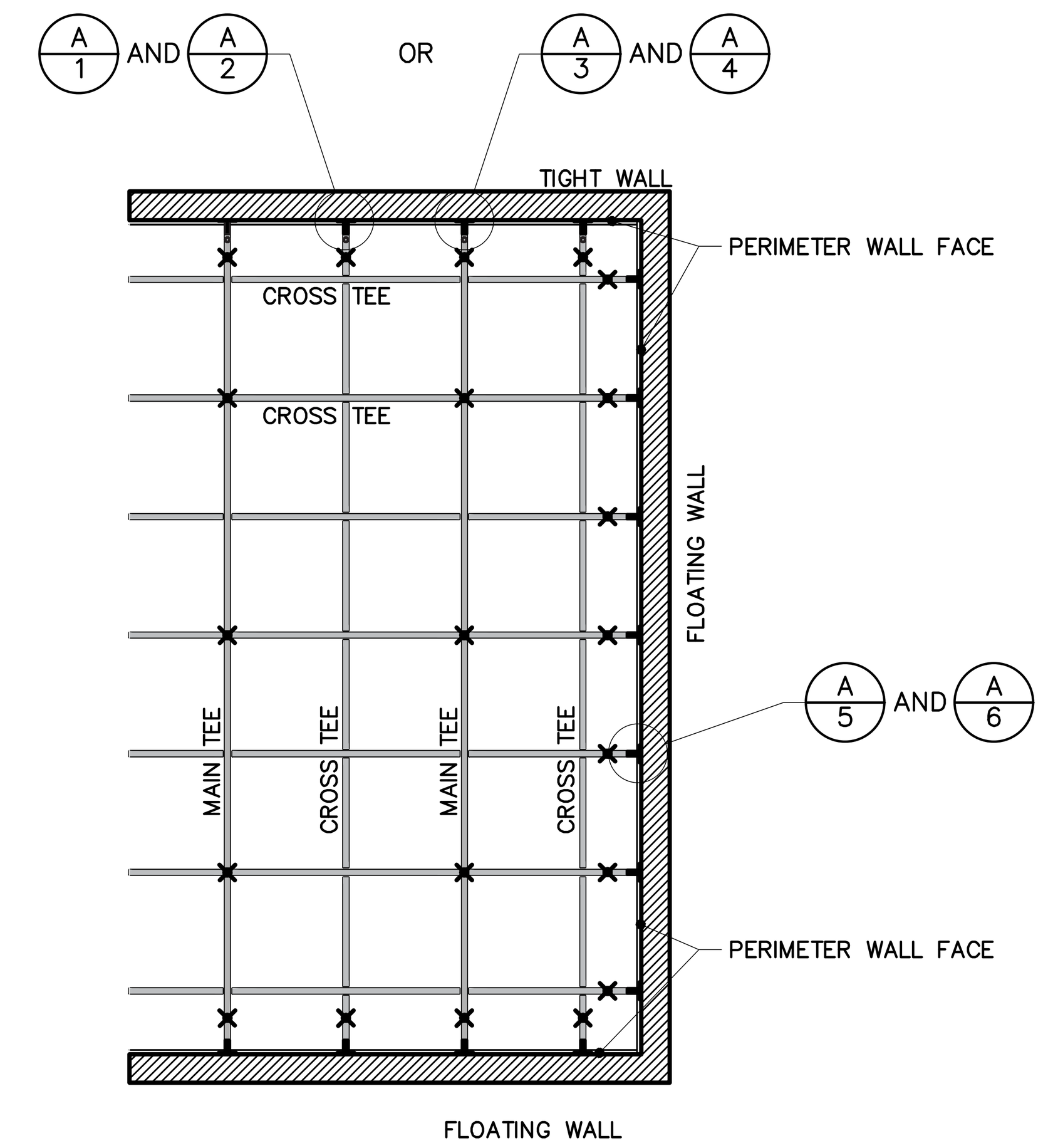
1. FOR LAMINATION SEE LEGEND ON THIS DRAWING
2. DRYWALL REVEAL–1" WIDTH–NUMBER 226 BY PLASTIC COMPONENTS , INC. TEL– 305/885–0561. PROVIDE ONE PIECE INTERSECTIONS
3. ADDITIONAL 5/8" GYPSUM PANEL SHEATING PRODUCT EQUAL TO BASE LAMINATION.
4. 20 GAUGE ,3–5/8" WIDTH ,HOT DIPPED GALVANIZED PER ASTM A 525, STEEL METAL STUDS & RUNNERS @ 2'–0" MAX O.C. SPACING.
5. 20 GAUGE ,3–5/8" WIDTH ,HOT DIPPED GALVANIZED PER ASTM A 525, STEEL METAL STUDS BRACING @ 4'–0" MAX O.C. SPACING
6. 1–5/8" GAUGE 20 GALV. STEEL STUD CROSS BRACING AT MID SPAN WHEN FASCIA OR CEILLING AT 48" O.C.
7. 1'–0" LONG 20 GALV. STEEL STUD RUNNER ATT. TO CONCRETE SLAB OR BEAMS, BOTTOM OF STEEL JOINTS
8. TYPICAL 12" LONG, BOXED STUD SPLICE,AT ALL HANGERS
9. PROVIDE SUITABLE POWDER DRIVEN ANCHORS AND CLIPS
10. PROVIDE 3/4" THICK CAOBA PLYWOOD STIFENER PANEL ANCHORED TO STUDS (2'–0" MAX. O.C.) AND RUNNERS WHERE LUMINARIES OCCURS
11. SUSPENDED ACOUSTICAL HUNG CEILING WHEN OCCOURS
12. CONCRETE ELEMENT, SLAB OR BEAMS, BOTTOM OF STEEL JOINTS
13. TYPICAL DUR–A–BEAD CORNER REINFORCEMENT
14. TYPICAL PERF–A–TAPE CORNER REINFORCEMENT
15. TYPICAL GAUGE NO. 12 PRESTRESSED GALV. STEEL HANGERS WIRES @ 4'–0" O.C. AT INTERIOR FASCIAS OR CEILINGS ONLY. AT EXTERIOR FASCIAS OR CEILINGS NO WIRE HANGERS WILL BE ALLOWED. ALL VERTICALS OR HANGERS WILL BE STUDS SPECIFIED ON DRAWING LEGEND @ 2'–0" MAX O.C. SPACING.

TYPICAL G.B. FASCIAS OR CEILINGS DETAILS

ALTERNATE SEISMIC DETAILS

SYSTEMS SUMMARY

SUSPENSION SYSTEM DUTY RATING	HEAVY
WALL MOLDING	7/8"
SEISMIC CLIP	BERC2
TWO ADJACENT FLOATING SIDES	3/4" GAP; BERC2 SEISMIC CLIP WITH FASTENER ATTACHMENT TO TEE THOUGHT SLOT(OPTIONAL), AND NO FASTENER THROUGH WALL MOLDING.
TWO ADJACENT FIXED SIDES	TIGHT, NO GAP; BERC2 SEISMIC CLIP WITH FASTENER ATTACHMENT TO TEE (OPTIONAL), AND ONE FASTENER THROUGH WALL MOLDING (OPTIONAL)
PERIMETER HANGER WIRES	YES
STABILIZER BARS	NONE
MANUFACTURER	ARMSTRONG



SEISMIC CLIP CEILING LAYOUT CAT D–F

SCALE=3/8"=1'–0"

SEISMIC APPLICATIONS

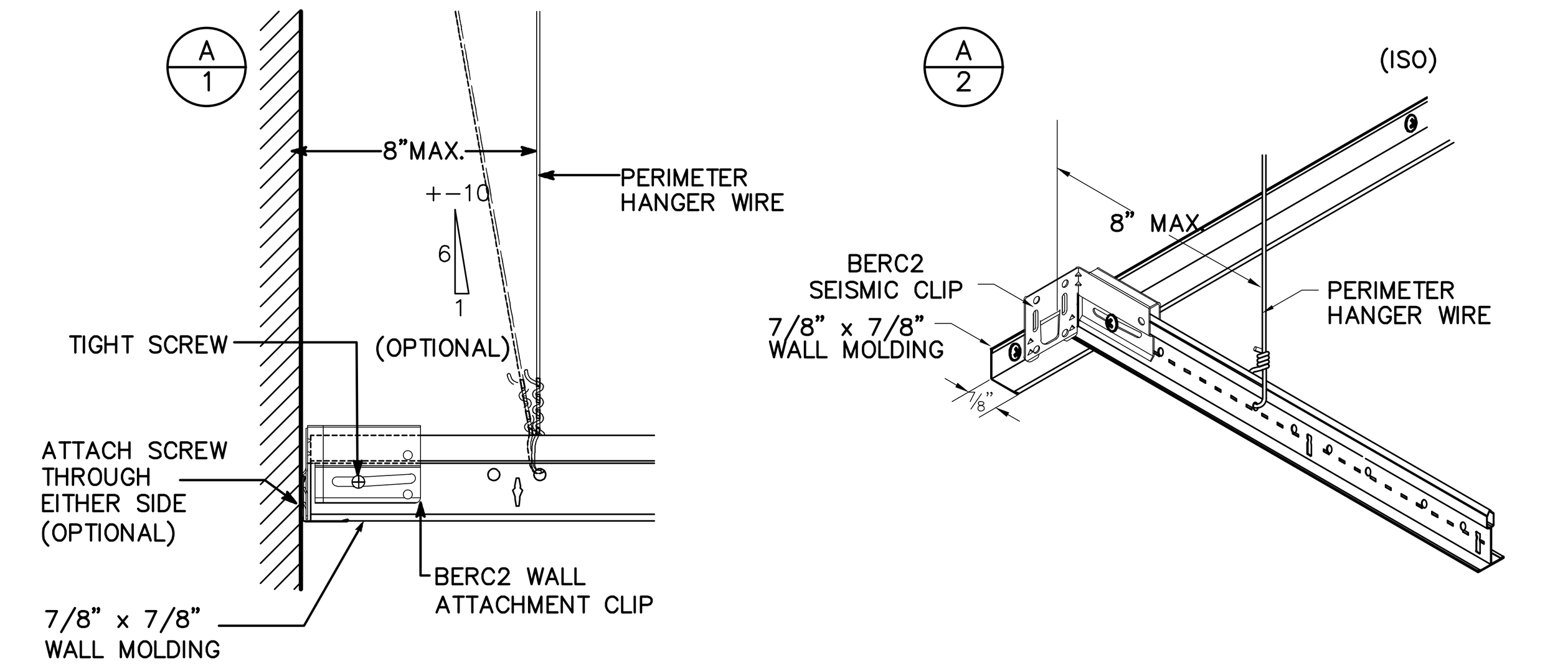
PERIMETER CLOSURE (MOLDING) WIDTH	MIN.⅞" WITH BERC2 SEISMIC CLIP
PERIMETER TEE ENDS TIED TOGETHER AT PERIMETER	REQUIRED (BERC2 SEISMIC CLIP SATISFIES THIS REQUIREMENT)

LIGHTING FIXTURE ATTACHMENT	REQUIREMENTS
LIGHTING FIXTURE (ALL TYPES) MECHANICALLY ATTACHED TO GRID NEC 410–16 (TWO PER FIXTURE UNLESS INDEPENDENTLY SUPPORTED)	REQUIRED
SURFACE–MOUNTED FIXTURE ATTACHED TO GRID	NOT REQUIRED
PENDANT–HUNG FIXTURE DIRECTLY SUPPORTED FROM STRUCTURE WITH 9–GAUGE WIRE (OR APPROVED ALTERNATIVE)	REQUIRED
RIGID LAY–IN OR CAN LIGHT FIXTURE	
<10 LBS. – ONE WIRE TO STRUCTURE (MAY BE SLACK)	REQUIRED
11 TO 56 LBS.–TWO WIRE FROM HOUSING TO STRUCTURE(MAY BE SLACK)	REQUIRED
> 57 LBS. SUPPORTED DIRECTLY TO STRUCTURE BY APPROVED	REQUIRED

LIGHTING FIXTURE SUPPLEMENTARY HANGER WIRE	REQUIREMENTS
INTERMEDIATE DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16LBS./LF	REQUIRED
MIN. 12–GAUGE HANGER WIRES MUST BE ATTACHED TO THE GRID MEMBERS WITHIN 3 INCHES OF EACH CORNER OF EACH LIGHT FIXTURE.	
HEAVY DUTY MAIN TEES WITH CROSS TEE RATING BELOW 16 LBS./LF	REQUIRED
MIN. 12–GAUGE HANGER WIRE MUST BE ATTACHED TO THE SUPPORTING CROSS TEE WITHIN 3 INCHES OF THE CORNER OF EACH LIGHT FIXTURE.	
SUPPLEMENTARY HANGER WIRE FOR HEAVY DUTY MAIN TEES WITH CROSS TEE RATING EQUAL TO 16 LBS./LF.	REQUIRED
AIR TERMINALS < 20LBS. – POSITIVELY ATTACHED TO GRID; 21 TO 56LBS.– POSITIVELY ATTACHED TO GRID AND TWO WIRES TO STRUCTURE (MAY BE SLACK)	REQUIRED
> 57 LBS. – DIRECTLY SUPPORTED TO STRUCTURE	REQUIRED
SPRINKLER HEADS AND OTHER PENETRATION CLEARANCE MIN.2" DIA. OPENING OR A SWIN JOINT	
CABLE TRAYS AND ELECTRICAL CONDUIT INDEPENDENTLY SUPPORTED AND BRASED	REQUIRED.

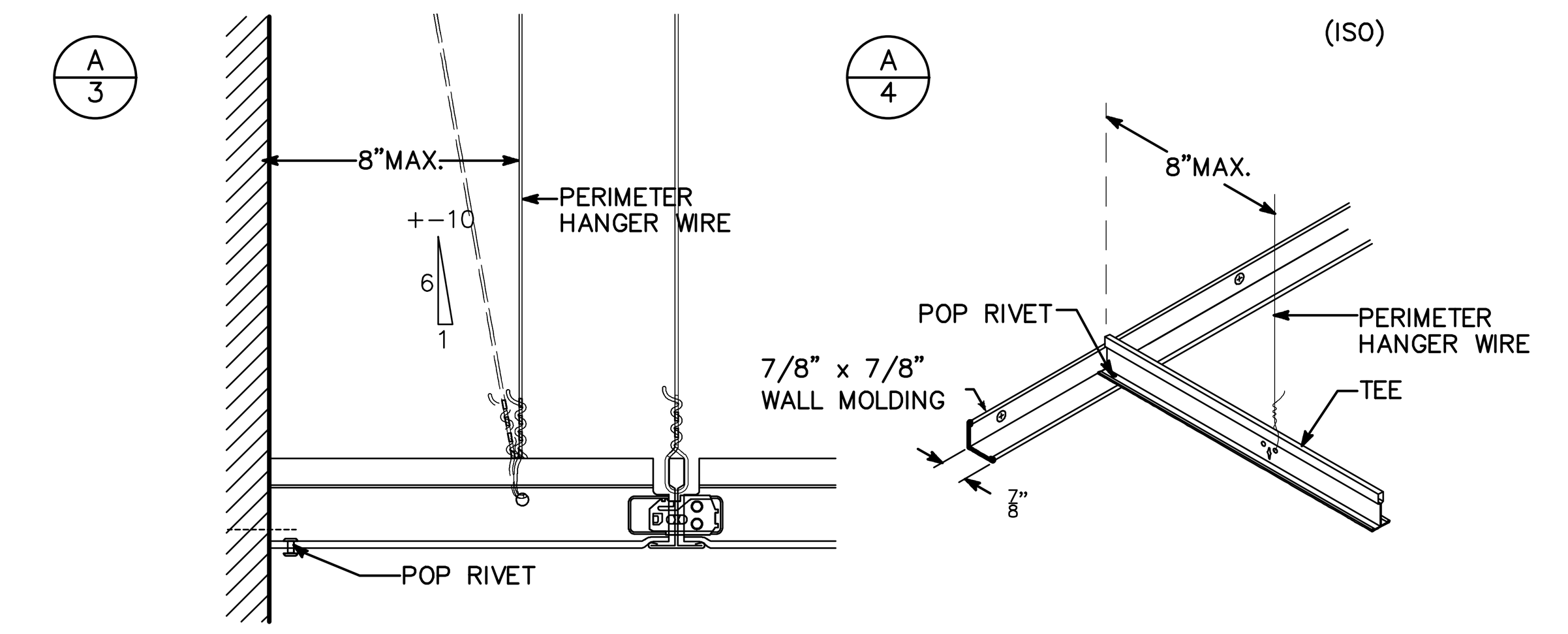
NOTES:

1. CEILING CONSTRUCTION WILL COMPLY WITH SEISMIC DESIGN CATEGORY D,E,F AND USE GROUP III.
2. ALL SUSPENSION GRID COMPONENTS WILL BE HEAVY DUTY TYPE IN HOT DIPPED GALVANIZED STEEL MATERIAL.
3. SUSPENDED CEILING ASSEMBLY WILL COMPLY WITH STANDARD OR ALTERNATE SEISMIC SOLUTIONS REQUIREMENTS AS SHOWN ON DRAWINGS.
4. COMPLY WITH (IBC) 1621 AND (ASTM) E 580 REQUIREMENTS.
5. RIVETS AT ALL TEES OR ALTERNATE CLIPS WILL BE USED AT ADJACENT CEILING SIDES.
6. DO NOT ATTACH, JOIN OR FASTEN CEILING GRID TO ISOLATED COLUMNS PROVIDE 1" OF CLEAR SPACE BETWEEN CEILING AND COLUMN FACE.
7. ALL HANGERS WILL BE PRE STRESSED #12 GALVANIZED WIRES @ 4'–0" O.C. EACH WAY.
8. PROVIDE SEISMIC EXPANSION OR SEPARATION JOINTS EVERY 2,500 SF. OF CONTINUOUS CEILING ARES. SEE TYPICAL DETAILS.
9. PROVIDE STABILIZER BAR OR BERC2 WALL CLIPS.
10. COMPONENTS SHOWN ON DRAWINGS AND CALLED ON NOTES ARES SPECIFIED AS MANUFACTURED BY DONN PRODUCTS, APPROVED EQUALS WILL BE CONSIDERED AS COMPLYING.



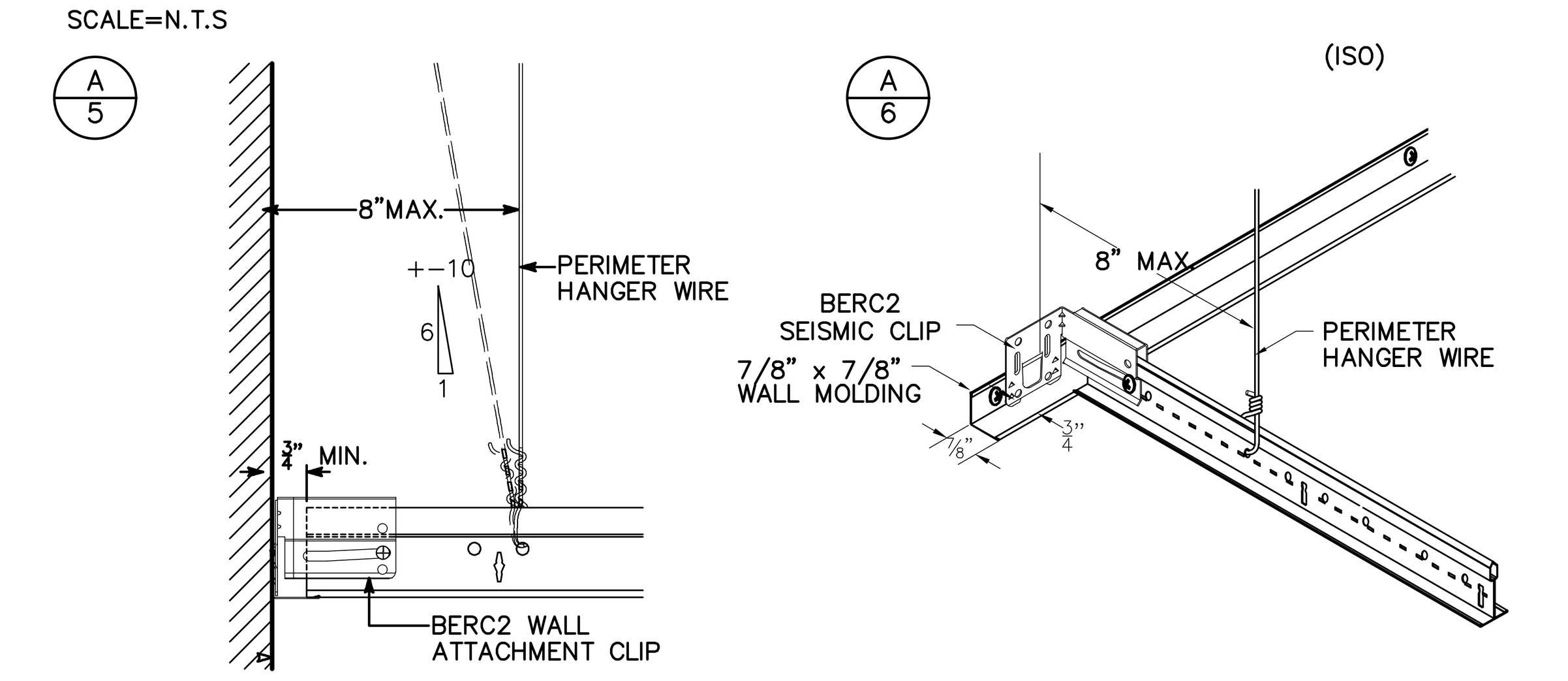
PERIMETER TREATMENT TIGHT FIXED WALL BERC2 SEISMIC CLIP CAT D–F

SCALE=N.T.S



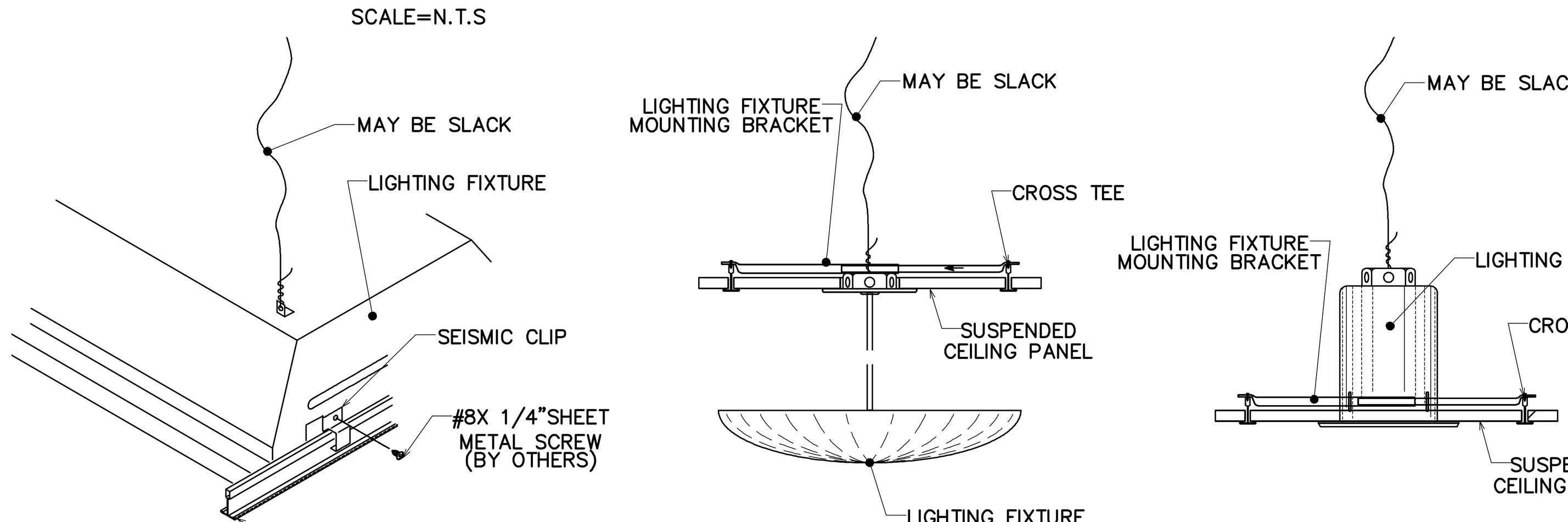
PERIMETER TREATMENT TEE RIVET, TIGHT WALL

SCALE=N.T.S



PERIMETER TREATMENT FLOATING WALL BERC2 SEISMIC CLIP CAT D – F

SCALE=N.T.S



LIGHT FIXTURE ATTACHED TO GRID

SCALE=N.T.S

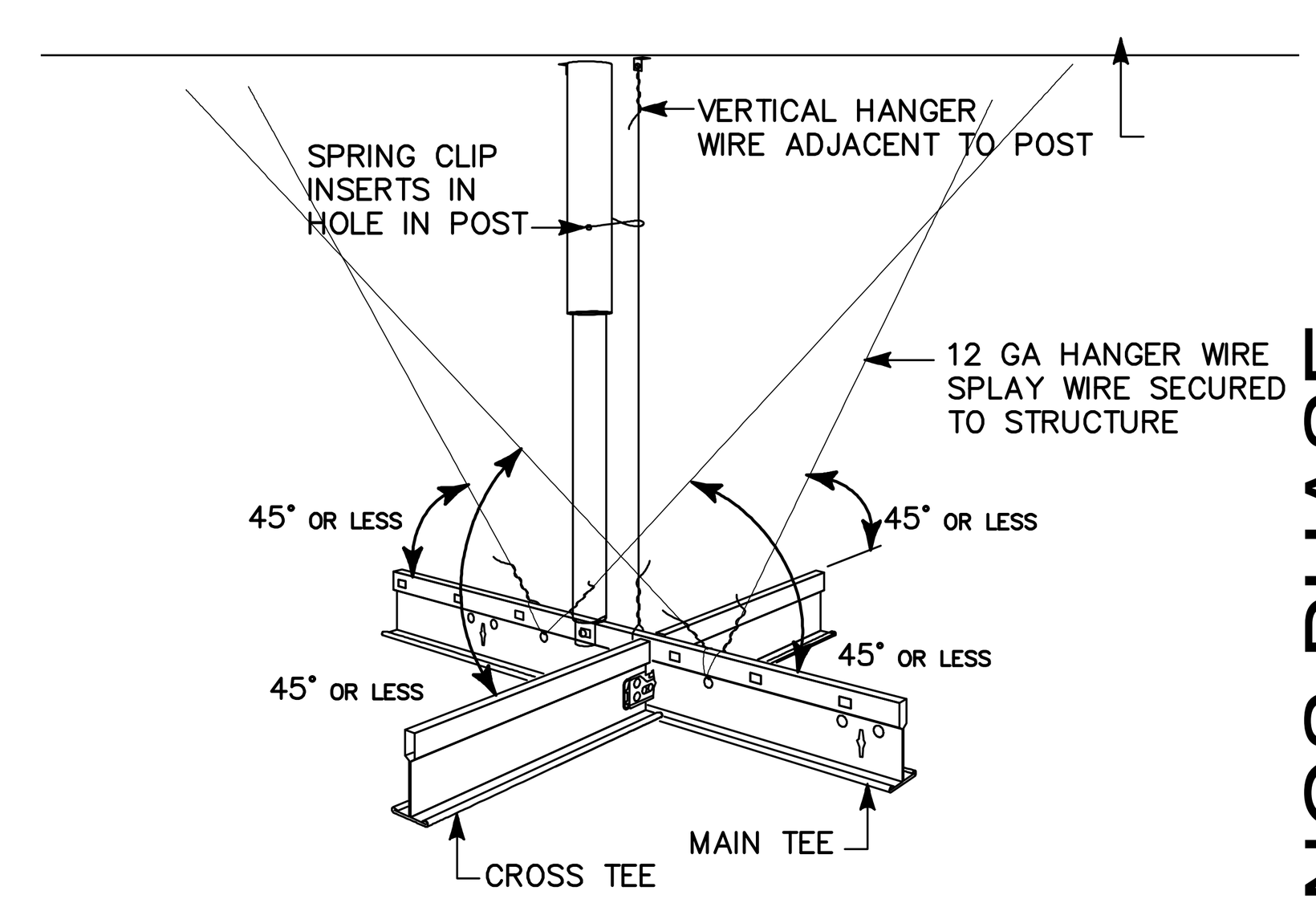
PENDANT– HUNG FIXTURE

SCALE=N.T.S

CAN LIGHT FIXTURE

SCALE=N.T.S

LIGHTING FIXTURE ATTACHMENT



NOTE: IF THE CEILING EXCEED 1,000 SQ.F.T THE COMPRESSION POST IS REQUIRED EVERY 12'–0" PART.

COMPRESSION POSTS

SCALE=N.T.S

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

YO, JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS 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 PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, 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.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES

SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.

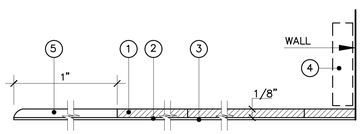
DRAWING TITLE: REFLECTED CEILING SEISMIC DETAILS

JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE NOT TO SCALE

SHEET A-16

38 OF 59

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.

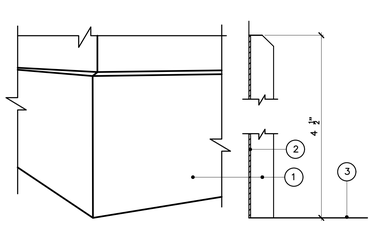


LEGEND:

1. ARMSTRONG – STANDARD EXCELON – VINYL COMPOSITION TILE IN 12"X12"X1/8" GAUGE , COLORS AND PATTERNS TO BE SELECTED BY THE ARCHITECT . TILES WILL BE INSTALLED USING A FULL – SPREAD ADHESIVE SYSTEM FOLLOWING ARMSTRONG RESILIENT FLOORING INSTALLATION RECOMMENDATION BOOKLET , F–5061 .
2. ARMSTRONG ADHESIVE S–750.
3. STEEL TROWELLED FINISH CONCRETE FLOOR SLAB.
4. RUBBER BASE
5. JOHNSONITE TILE REDUCER RRS–XX–B IN COLOR TO BE SELECTED BY THE ARCHITECT.

TYPICAL VCT–1 VINYL TILES FLOORING

(AT NEW FLOORS)
FULL SCALE



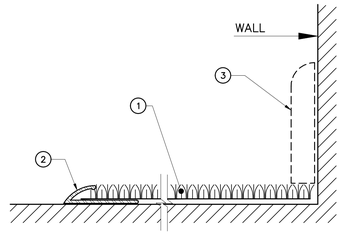
MANDALAY 4.5"

LEGEND:

1. MANDALAY MW–XX–H MILLWORK WALL BASE BY JOHNSONITE, IN COLOR SILVER GRAY #55 WG PROVIDE ALL REQUIRED CORNER.
2. 946 PREMIUM CONTACT ADHESIVE(NONO–POROUS SURFACE) AS PER MANUFACTURER INSTRUCTIONS.
3. FINISH FLOOR

TYPICAL B–1 RUBBER WALL BASE

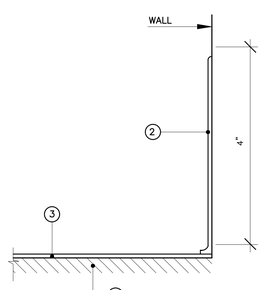
N.T.S.



LEGEND:

1. CARPET FLOORING AND WALL COVERING AS DESCRIBED BELOW: MANUFACTURER: GULISTAN CARPET STYLE: BRIGHTON 33035 CONSTRUCTION: 100 % SOLUTION DYED NYLON TYPE 6–6 COLLECTION NAME:GULISTAN ESTATES FINISHED PILE WEIGHT: 28 OZS. INSTALLATION: GLUE DOWN / NOTCHED SPREDING IN STRICT ACCORDANCE WITH MAUFACTURER SPECIFICATIONS ADHESIVE: ROBERTS CARPET ADHESIVE COLOR: TO BE SELECTED BY A/E.
2. ON ALL CARPET OPEN ENDS OR EDGES PROVIDE GLUE DOWN CARPET CAP 022 BY MANNIGTON COMMERCIAL IN COLOR TO BE SELECTED BY A/E.
3. RUBBER BASE R–1.

CP–1 CARPET FLOORING DETAIL

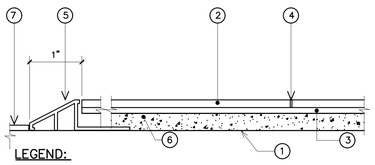


LEGEND:

1. EXISTING FLOOR.
2. TYPE TV –VINYL WALL BASE – 4" HIGH COVE PROFILE 0.125" THICK. PROVIDE ALL NECESSARY PERFORMED CORNERS. IN UNI–COLOR TO MATCH EXISTING, INSTALLED WITH MERCER VINYL BASE CEMENT ADHESIVE AS MANUFACTURER INSTRUCTION.
3. FLOOR FINISH

TYPICAL B–2 VINYL BASE DETAIL

(AT EXISTING FLOORS)
FULL SCALE

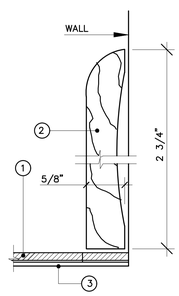


LEGEND:

1. EXISTING CONCRETE SLAB
2. RESILIENT FLOORING SYSTEM IN 0.080" (20MM) GAUGE (NOMINAL), NONLAYERED, NONBACKET ARMSTRONG MEDINTECH HOMOGENEOUS SHEET VINYL FLOORING IN COLORS TO BE SELECTED FROM THE RANGE CURRENTLY AVAILABLE FROM ARMSTRONG AND PATTERNS AS SHOWN ON DRAWINGS. SHEET VINYL FLOORING WILL MEET ASTM F 1303,TYPE 11, GRADE 1 AND FEDERAL SPECIFICATION L–F–475A(3) REQUIREMENTS.INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER WRITTEN INSTRUCTIONS WITH A MINIMUM OF SEAMS. COLOR 88432–87432 PUMICE STONE.
3. S–543 PREMIUM PLUS SHEET FLOORING ADHESIVE.
4. TYPICAL HEAT WELDED SEAMS 6'–0" C. TO C. MAX. APART OR AS RECOMMENDED BY MANUFACTURER. COORDINATING PATTERNED WELD RODS SPECIFICALLY FOR MEDINTECH TO CREATE A SEAMLESS APPEARANCE.
5. TYPICAL RENO–U FLOOR TRIM SATIN ANODIZED ALUMINUM BY SCHLUTER.
6. APPLY 1/2" MAX. ARDEX K–15 SELF–LEVELING CONCRETE UNDERLAYMENT OVER ARDEX MC RAPID MOISTURE CONTROL SYSTEM INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER SPECIFICATIONS
7. EXISTING FLOORING SYSTEM TO REMAIN.

SV–1 HOMOGENEOUS SHEET VINYL FLOORING TYPICAL DETAIL

N.T.S.



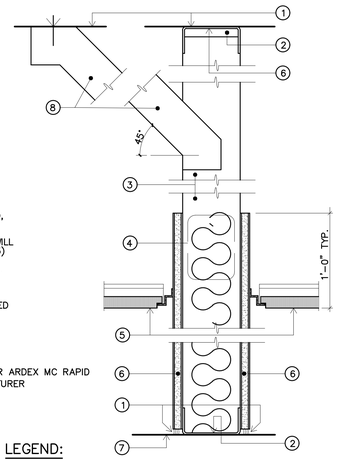
LEGEND:

1. EXISTING– FLOORING TO REMAIN
2. SOLID MAHOGANY (CAOBA) WOOD BASE . BASE WILL BE ANCHORED TO WALL USING SELF DRILLING COUNTERSUNK GALV. SCREWS AT 4'–0" MAXIMUM SPACING. SCREWS WILL BE CONCEALED WITH WOOD MASTIC MATCHING WOOD BASE TONE. ALL WOOD BASES INTERSECTIONS WILL BE MITTERED (45° CUT).
3. EXISTING FLOOR SYSTEM.

TYPICAL B–3 NEW WOOD BASE DETAILS

(AT EXISTING FLOORS)
FULL SCALE

(M–F13B1–E)



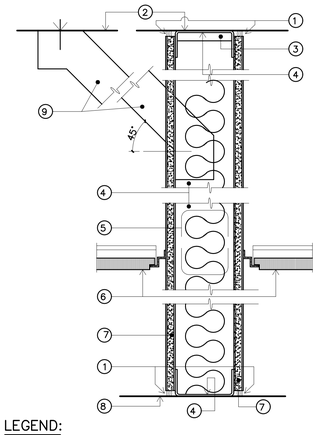
LEGEND:

1. UNDERSIDE OF STRUCTURAL SLAB OR METAL DECK UNDERSIDE, NOT JOIST BOTTOM ,CONCRETE RIBS OR BEAMS. PARTITION WILL BE EXTENDED THROUGH CEILING SPACE, INTERSTITIAL SPACE OR PLENUM
2. 1/2" DEFLECTION SPACE
3. 20 GAUGE, 3–5/8" WIDTH, HOT DIPPED GALVANIZED PER ASTM A 525, STEEL METAL STUDS & RUNNERS @ 1'–4" O.C. MAX SPACING
4. 3–1/2" THICK THERMAFIBER SOUND ATTENUATION BLANKETS ,FILL ALL DRYWALL CAVITY
5. SUSPENDED ACOUSTICAL HUNG CEILING
6. ONE LAYER IN 5/8" SHEETROCK FIRECODE GYPSUM PANEL LAMINATION – PANELS APPLIED VERTICALLY OR HORIZONTAL AND SCREW ATT. @ 12" O.C.–ALL JOINTS STAGGERED, TAPED, FINISHED AND PERIMETER CAULKED. EXTEND AND SEAL LAMINATION UP TO 1'–0" OVER SUSPENDED ACOUSTICAL HUNG CEILING
7. TOP OF CONCRETE SLAB
8. PROVIDE DIAGONAL AT 45 DEGREES STUDS BRACING ELEMENT @ 4'–0" MAX. SPACING.

TYP. DRYWALL TYPE 1 DETAILS

FULL SCALE

SYMBOL ON FLOOR PLAN



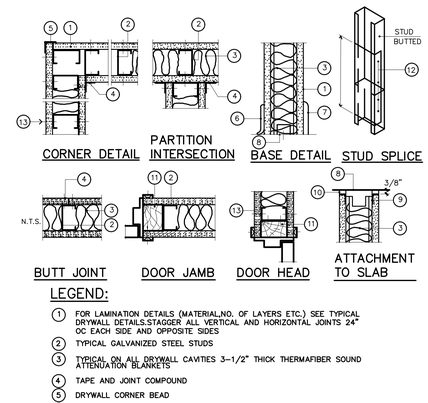
LEGEND:

1. ACOUSTICAL SEALANT
2. UNDERSIDE OF STRUCTURAL SLAB OR METAL DECK UNDERSIDE ,NOT JOIST BOTTOM ,CONCRETE RIBS OR BEAMS. PARTITION WILL BE EXTENDED THROUGH CEILING SPACE, INTERSTITIAL SPACE OR PLENUM
3. 1/2" DEFLECTION SPACE
4. 20 GAUGE, 3–5/8" WIDTH, HOT DIPPED GALVANIZED PER ASTM A 525, STEEL METAL STUDS & RUNNERS @ 1'–4" O.C. MAX SPACING
5. 3–1/2" THICK THERMAFIBER SOUND ATTENUATION BLANKETS, FILL ALL DRYWALL CAVITY
6. SUSPENDED ACOUSTICAL HUNG CEILING
7. ONE LAYER IN 5/8" SHEETROCK FIRECODE GYPSUM PANEL LAMINATION PANELS APPLIED VERTICALLY OR HORIZONTAL AND SCREW ATT. @ 12" O.C.–ALL JOINTS STAGGERED, TAPED, FINISHED AND PERIMETER CAULKED. EXTEND AND SEAL LAMINATION THROUGHT INTERSTITIAL SPACE OR PLENUM
8. TOP OF CONCRETE SLAB
9. PROVIDE DIAGONAL AT 45 DEGREES STUDS BRACING ELEMENT @ 4'–0" MAX. SPACING.

TYP. DRYWALL TYPE 2 DETAILS

FULL SCALE

SYMBOL ON FLOOR PLAN

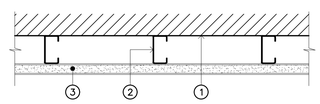


LEGEND:

1. FOR LAMINATION DETAILS (MATERIAL,NO. OF LAYERS ETC.) SEE TYPICAL DRYWALL DETAILS.STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" OC EACH SIDE AND OPPOSITE SIDES
2. TYPICAL GALVANIZED STEEL STUDS
3. TYPICAL ON ALL DRYWALL CAVITIES 3–1/2" THICK THERMAFIBER SOUND ATTENUATION BLANKETS
4. TAPE AND JOINT COMPOUND
5. DRYWALL CORNER BEAD
6. RESILIENT COVE BASE WHEN OCCURS
7. WOOD BASE WHEN OCCURS
8. GALV. STEEL FLOOR TRACK
9. CASING TRIM
10. SEALANT OR CAULKING
11. NOMINAL 2" X 4" (PREASSURE TREATED AGAINST TERMITES WOOD FRAME ATT. TO GALV. STUDS WHEN DOOR OPENINGS OCCURS.
12. FOUR PAN HEAD SCREWS EACH SIDE
13. INTERMEDIATE OR HEAD GALV. STEEL STUD

TYPICAL DRYWALL DETAILS

FULL SCALE MDDW–1

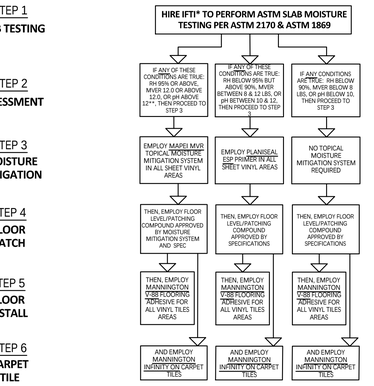


LEGEND:

1. FACE OF EXISTING WALL
2. 20 GAUGE, 1–5/8" WIDTH, HOT DIPPED GALVANIZED PER ASTM A 525, STEEL METAL STUDS & RUNNERS @ 2'–0" MAX SPACING
3. ONE LAYER IN 5/8" SHEET ROCK GYPSUM LAMINATION PANELS APPLIED VERTICALLY OR HORIZONTAL AND SCREW @ 12" O.C. – ALL JOINTS STAGGERED, TAPED, FINISHED AND PERIMETER CAULKED. EXTEND AND SEAL LAMINATION UP TO 8" OVER SUSPENDED ACOUSTICAL HUNG CEILING

TYPICAL FURRING DRYWALL DETAIL

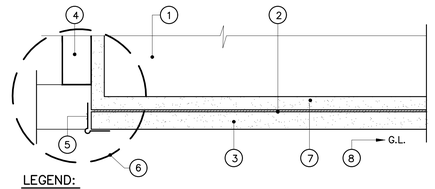
N.T.S.



NOTES: *INDEPENDENT FLOOR TESTING & INSPECTION, INC. (WWW.IFTI.COM) OR APPROVED EQUAL COMPANY MUST BE HIRED TO PERFORM SLAB MOISTURE TESTING BEFORE PROCEED WITH NEW FLOORING INSTALLATION.
**IF PH IS ABOVE 10.0, FLOOR SHOULD BE AUTO-SCRUBBED TO REDUCE PH LEVELS

CONCRETE SLAB MOISTURE DECISION TREE

SCALE: NONE

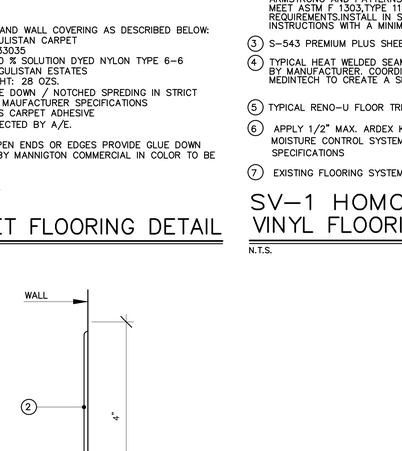


LEGEND:

1. MASORY OR CONCRETE WALL
2. SHEET LAMINATION WITH USG. READY–MIXED JOINT COMPOUND USING HATCHED SPREADER SPREAD COMPOUND OVER ENTIRE BACK SURFACE OF FACE LAYER BOARD. PRESS BOARD INTO PLACE WITH FIRM PRESURE TO ASSURE BOND AND AVOID CAVITIES; REIMPACT WITHIN 24 HR. IF NECESSARY. SEAL ALL JOINTS WITH TAPING AND USE READY MIXED JOINT COMPOUND–ALL PURPOSE.
3. 5/8" USG. SHEET ROCK GYPSUM PANEL
4. DOOR OR GLAZING FRAME WHEN OCCURS.
5. DRYWALL CORNER BEAD.
6. ALL OPENINGS PERIMETER EDGES AT 90° WITH LAMINATED WALL WILL BE PROVIDED WITH CORNER BEAD AND FINISHED WITH USG READY MIXED JOINT COMPOUND–ALL PURPOSE.
7. CEMENT PLASTER OR EXISTING SURFACE.
8. SYMBOL ON DRAWINGS INDICATES WHEN GYPSUM LAMINATE OCCURS.

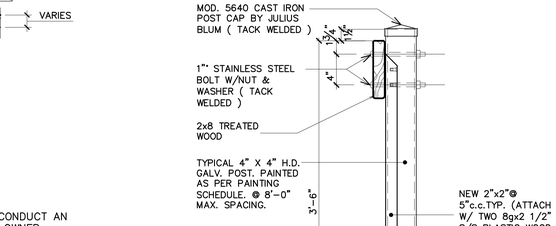
TYP. W–3 GYPSUM LAMINATE DETAILS

N.T.S.



TYP. WOOD GUARDRAIL DETAIL

SCALE: 1–1/2"=1'–0"



TYPICAL CONCRETE SLAB REPARATION DETAIL

NOT TO SCALE

CONCRETE CEILING REPARATION SCOPE OF WORK

1. BEFORE COMMENCING REPARATION OF CEILING CONTRACTOR MUST CONDUCT AN INSPECTION OF THE AREA TO BE REPAIRED AND COORDINATE WITH OWNER PERSONNEL, THE REMOVAL OF MATERIALS AND EQUIPMENT. INFORM THE REQUIRED RECONSTRUCTION PERIOD FOR THE REPARATION TO THE OWNER AND A/E.
2. THE AREA OF THE CEILING TO BE REPAIRED MUST BE SHORED AT INTERVALS NOT EXCEEDING 5'–0" IN ALL DIRECTIONS. EXTEND THE SHORING SYSTEM 10'–0" FROM ALL SIDES OF THE CONCRETE UNDERLAYMENT TO BE REMOVED. THE CONTRACTOR MUST INFORM THE OWNER THE TYPE OF SHORING HE WILL BE USING. ONCE THE SHORING IS COMPLETED, COMMENCE THE REMOVAL OF THE LOOSE OR EXPOSED CONCRETE COVER OR UNDERLAYER. THE REMOVAL MUST EXTEND TO THE EXISTING REINFORCEMENT BAR. REMOVE CONCRETE FROM THE BAR SIDES.
3. THE CONCRETE COVER MUST BE REMOVED TO THE BOTTOM OF THE REINFORCEMENT WITH A MECHANICAL DEVICE OR A LIGHT HAMMER. THIS ACTION MUST BE PERFORMED IN COORDINATION WITH THE OWNER. THE REMOVAL OPERATION MUST PRODUCE MINIMUM VIBRATION. THE EXPOSED CONCRETE SURFACE MUST BE ROUGHENED. EXPOSED SURFACE MUST BE CLEANED, AND SUFFICIENT ROUGHED MUST BE ATTAINED TO PROVIDE FOR SOUND BONDING OF THE NEW CONCRETE COVER.
4. THE EXPOSED REINFORCEMENT BARS MUST BE WIRE BRUSH TO REMOVE ALL RUST. APPLY TWO COATS OF SIKA–ARMATEC–110 WITH A RIGID BRUSH FOLLOWING MANUFACTURER INSTRUCTIONS.
5. ONCE THE RUST INHIBATOR DRIES, APPLY SIKADUR–32 HI–MO EPOXY RESIN TO EXPOSED CONCRETE SURFACES AND FOLLOWING MANUFACTURER INSTRUCTIONS.
6. APPLY SIKA REPAIR 223 MORTAR TO RESTORE THE CONCRETE COVER.
7. RE–INSTALL ALL HANGING PIPES, CONDUITS AND JUNCTION BOXES. IF NECESSARY ALL MUST BE INSTALLED NEW.
8. APPLY PRIMER AND PAINT AS PER PAINTING SCHEDULE.

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 – 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralej@jandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA INGENIERO LICENCIADO LIC. 5805 PUERTO RICO

"EL JOSE R. ALEJANDRO GARCIA, INGENIERO LICENCIADO, LICENCIA NUM. 5805, CERTIFICO QUE SOY EL PROFESIONAL QUE CONFECCIONO Y/O DISEÑO Y/O PREPARO ESTOS PLANOS Y LAS ESPECIFICACIONES QUE LOS ACOMPAÑAN Y QUE, A MI LEAL SABER Y ENTENDER, LOS MISMOS CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y/O CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, CENTROS REGLAMENTADORES Y CORPORACIONES PUBLICAS CON JURISDICCION SOBRE LA OBRA PROPUESTA, INCLUYENDO LA LEY NUM. 76 DE 15 DE MAYO DE 1958, SEGUN ENMENDADA, LA LEY NUM. 9 DE 18 DE JUNIO DE 1970, SEGUN ENMENDADA, LA LEY NUM. 416 DE 22 DE SEPTIEMBRE DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 278 DE 15 DE MAYO DE 1998, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA ASEGURAR EL CUMPLIMIENTO CON LA LEGISLACION FEDERAL QUE PROHIBE EL DISCRIMEN CONTRA LOS INDIVIDUOS CON IMPEDIMENTOS FISICOS, MENTALES O SENSORIALES, O POR OTRAS PERSONAS CON LA CUSTODIA, EL CUIDADO O BAJO SU RESPONSABILIDAD". ASIMISMO, ME HAGO RESPONSABLE DE CUALQUIER ASUNTO JUDICIAL Y DISCIPLINARIO POR LA ESPECIFICACION, O POR OTRAS PERSONAS CON LA CUSTODIA, EL CUIDADO O BAJO SU RESPONSABILIDAD". ASIMISMO, ME HAGO RESPONSABLE DE CUALQUIER ASUNTO JUDICIAL Y DISCIPLINARIO POR LA ESPECIFICACION, O POR OTRAS PERSONAS CON LA CUSTODIA, EL CUIDADO O BAJO SU RESPONSABILIDAD.

REVISIONS:	REVISION DATE
*	*
*	*
*	*
*	*
*	*

PROJECT: PW #107355 – MAIN FACILITIES
SHEET: A-17
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.
DRAWING TITLE: FLOOR & WALL DETAILS
39 of 59
JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE AS SHOWN

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.

ROOM FINISH SCHEDULE

DAM. TABLE	DOOR#	NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
		BASEMENT FLOOR					
1		LABORATORY RECEPTION LOBBY	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 7
	002	PROTEIN NUCLEIC ACID - LAB.	-	-	PT-1	PT-1	NOTE: 2, 4, 7
2	003	PROTEIN NUCLEIC ACID - LAB.	-	-	PT-1	PT-1	NOTE: 2, 4
3	004	SCRUB ROOM - LAB.	SV-1	B-2	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 7
	005	LAB HALLWAY - 1	-	-	PT-1	PT-1	NOTE: 2, 4, 7
	006	STERILE ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	007	ADMINISTRATIVE OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
4	009	ADMINISTRATIVE OFFICE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
5	010	DIET ROOM	VCT-1	B-2	PT-1	PT-1	NOTE: 2, 3, 4, 7
	011	TOILET	-	-	-	ACT-2	NOTE: 1, 5
	012	TOILET	-	-	-	ACT-2	NOTE: 1, 5
	013	JANITOR	-	-	PT-1	PT-1	NOTE: 4, 7
6	014	FOOD STORAGE	VCT-1	B-2	PT-3	PT-3	NOTE: 2, 3, 4, 7
7	015	STOCK AND TREATMENT ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
8	016	BIOHAZARD AREA	-	-	PT-3	PT-3	NOTE: 2, 4, 7
9	017	LABORATORY	-	-	PT-3	GWB / PT-3	NOTE: 2, 4
	018	CLEAN CAGE ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
	019	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
	020	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
	021	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
	022	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
10	023	LABORATORY	-	-	PT-3	PT-3	NOTE: 2, 4, 7
11	024	ANIMAL HOLDING ROOM	-	-	PT-3	GWB / PT-3	NOTE: 2, 4, 7
12	025	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
13	026	ANIMAL HOLDING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
14	027	CAGE WASHING ROOM	-	-	PT-3	PT-3	NOTE: 2, 4
15	028	MORGUE (FREEZER)	-	-	PT-3	PT-3	NOTE: 2, 4, 7
16	029	NECROPSY	-	-	PT-3	PT-3	NOTE: 2, 4, 7
17	030	WATER HEATER ROOM	-	-	PT-1	PT-1	NOTE: 2, 4, 7
18	Q031	WASTE ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
19	032	QUARANTINE ROOM	-	-	PT-3	PT-3	NOTE: 2, 4, 7
	033	ANIMAL YARD MOAT - PATIO	-	-	PT-2	PT-2	NOTE: 2, 4, 7
	039	ELECTRICAL ROOM	-	-	PT-1	PT-1	NOTE: 2, 4, 7
20	516	AIR HANDLER UNIT ROOM	-	-	PT-1	PT-1	NOTE: 2, 4
21		HALLWAY - ARC	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4
22		HALLWAY SOUTH	VCT-1	B-1	PT-1	PT-1	NOTE: 2, 3, 4
23		LABORATORY HALLWAY	-	-	PT-1	PT-1	NOTE: 2, 4, 7
24		LAB. INTERIOR HALLWAY	EF-1	-	PT-3	PT-3	NOTE: 2, 4
25		STAIRWAY #4	VCT-1	B-2	PT-1	PT-1	NOTE: 2, 4, 7
26	321	STORAGE ROOM UNDER STAIRWAY #4	SC	-	PT-1	PT-1	NOTE: 2, 4
27	323	STORAGE ROOM UNDER STAIRWAY #3	SC	-	PT-1	PT-1	NOTE: 2, 4, 7
		STAIRWAY #3	-	-	PT-1	PT-1	NOTE: 2, 4, 7
	170	BIO. STORAGE ROOM	-	-	PT-1	PT-1	NOTE: 2, 4, 7
	001	ELECTRICAL ROOM	-	-	PT-1	ACT-1	NOTE: 2, 4, 5, 7
		WORKSHOP ROOM	-	-	PT-1	-	NOTE: 2, 4, 7
	260	STORAGE	-	-	PT-1	PT-1	NOTE: 2, 4, 7
	413	HISTOPATHOLOGY LAB.	-	-	PT-1	ACT-1	NOTE: 2, 4, 5, 7
	265	MICROSCOPE ROOM	-	-	PT-1	ACT-1	NOTE: 2, 4, 5, 7
	262	NEUROSCIENCE LAB.	-	-	PT-1	ACT-1	NOTE: 2, 4, 5, 7
	038	BEHAVIORAL AREA	-	-	PT-1	ACT-1	NOTE: 2, 4, 5, 7
		BEHAVIORAL ACOUSTIC CHAMBER	-	-	-	-	-
		ELEVATOR #1	-	-	-	-	-
		FIRST FLOOR					
28		ENTRANCE LOBBY	-	-	PT-1	ACT-1 / PT-1	NOTE: 2, 4, 7
28		INFORMATION	-	-	PT-1	ACT-1	NOTE: 2, 4, 7
29	317	LOBBY	-	-	PT-1	ACT-1 / PT-1	NOTE: 2, 4, 7
52	330	SERVER ROOM	VCT-1	B-2	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 7, 8
	207	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	208	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
		STAIRWAY #1	-	-	PT-1	PT-1	NOTE: 2, 4, 7
	209	ELECTRICAL ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
139		ELEVATOR #2	VCT-1	-	-	WLC	-
		MEN'S RESTROOM	-	-	-	-	-
		WOMEN'S RESTROOM	-	-	-	-	-
		JANITOR	-	-	-	-	-
30		HALLWAY	VCT-1	B-2	PT-1	ACT-1 / PT-1	NOTE: 1, 2, 3, 4, 7
31	060	HALLWAY CARGO AREA	VCT-1	B-2	PT-1	ACT-1	NOTE: 1, 2, 4
32	571	HALLWAY CDDC (SKILL DEVELOPMENT CENTER)	-	-	PT-1	-	NOTE: 2, 4, 7
	561	DIRECTOR'S OFFICE	-	-	PT-1	-	NOTE: 2, 4, 7
56	562	EXAM ROOM - 1	-	B-2	PT-1	-	NOTE: 2, 4, 7
	563	EXAM ROOM - 2	-	-	PT-1	-	NOTE: 2, 4, 7
	564	EXAM ROOM - 3	-	-	PT-1	-	NOTE: 2, 4, 7
	565	EXAM ROOM - 4	-	-	PT-1	-	NOTE: 2, 4, 7
	566	EXAM ROOM - 5	-	-	PT-1	-	NOTE: 2, 4, 7
	567	EXAM ROOM - 6	-	-	PT-1	-	NOTE: 2, 4, 7
	568	EXAM ROOM - 7	-	-	PT-1	-	NOTE: 2, 4, 7
	569	EXAM ROOM - 8	-	-	PT-1	-	NOTE: 2, 4, 7
	571	EXAM ROOM - 9	-	-	PT-1	-	NOTE: 2, 4, 7
	572	EXAM ROOM - 10	-	-	PT-1	-	NOTE: 2, 4, 7
	573	EXAM ROOM - 11	-	-	PT-1	-	NOTE: 2, 4, 7
	574	EXAM ROOM - 12	-	-	PT-1	-	NOTE: 2, 4, 7
	575	EXAM ROOM - 13	-	-	PT-1	-	NOTE: 2, 4, 7
	576	EXAM ROOM - 14	-	-	PT-1	-	NOTE: 2, 4, 7
	044	MECHANICAL ROOM	-	-	-	-	-
	110	MECHANICAL ROOM	-	-	-	-	-
		CORRIDOR - FAMILY MEDICINE DEPARTMENT	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7, 8
	045	RECEPTION - FAMILY MEDICINE DEPARTMENT	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7, 8
	046	OFFICE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7, 8
	TO		-	-	-	-	-
	053	OFFICE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7, 8
	054	STORAGE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7, 8
	055	LOUNGE	-	-	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
	056	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
	057	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
	058	CONFERENCE	-	-	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
	059	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 5, 7
57	061	STAIR #4	SC	-	PT-1	PT-1	NOTE: 2, 4
	339	ELEVATOR #1	-	-	-	-	-
39	100	ELECTRICAL ROOM	-	-	PT-1	ACT-1	NOTE: 2, 4, 7
37	095	GROSS ANATOMY LAB.	-	-	-	-	-
38	097	EMBALMING	-	-	-	-	-
	098	OFFICE	-	-	-	-	-
	099	STORAGE	-	-	-	-	-
	062	A/C ROOM	-	-	PT-1	-	NOTE: 2, 4, 7
	070	RECEPTION - ANATOMY DEPARTMENT	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	063	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	TO		-	-	-	-	-
	066	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
34	067	OFFICE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	068	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
35	069	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
36	071	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	073	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	074	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	182	PREPARATION ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	077	CHEMICAL STORAGE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	080	PREPARATION ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	079	CHEMICAL STORAGE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
		COLD ROOM	-	-	-	-	-
	084	RECEPTION - PHYSIOLOGY DEPARTMENT	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	083	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	082	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	081	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	183	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	085	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	086	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7

ROOM FINISH SCHEDULE

DAM. TABLE	DOOR#	NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
		FIRST FLOOR					
	087	STORAGE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	089	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	090	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	092	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	109	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	088	A/C ROOM	-	-	-	-	-
33		HALLWAY FACULTY BATHROOM	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4, 7
41	106	WOMEN'S RESTROOM	-	-	-	ACT-2	NOTE: 1
42	107	MEN'S RESTROOM	-	-	GT-1 / PT-1	ACT-2 / GWB / PT-1	NOTE: 1, 2, 4
58	108	STAIR #3	SC	-	PT-1	PT-1	NOTE: 2, 4
	104	RECEPTION	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
40	101	OFFICE	VCT-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 3, 4
	102	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	103	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	105	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
	190	ADMINISTRATIVE OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 5, 7
43	195	OFFICE	-	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 5
44	197	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4
45	198	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4
		STAIR #2	SC	-	PT-1	PT-1	NOTE: 2, 4
46 TO 55		LEARNING RESOURCE CENTER - COMPLETELY 100%					
		SECOND FLOOR					
119		LOBBY	VCT-1	B-2	PT-1	ACT-1 / GWB / PT-1	NOTE: 2, 4
		ELEVATOR #1	-	-	-	-	-
117	217	ELECTRICAL ROOM (ELEVATOR EQUIPMENT)	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
93	215	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	228	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
94	223	RECEPTION	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
118	222	CONFERENCE ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
95	224	SECRETARY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
		KITCHENETTE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
120	225	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4
		TOILET	-	-	PT-1	ACT-2	NOTE: 1, 2, 4, 6, 7
		MEN'S RESTROOM	-	-	-	ACT-2	NOTE: 1, 6
		WOMEN'S RESTROOM	-	-	-	ACT-2	NOTE: 1, 6
		JANITOR	-	-	-	ACT-2	NOTE: 1, 6
102	542	STUDY ROOM	-	B-3	PT-1	ACT-3 / GWB / PT-1	NOTE: 2, 4, 6, 7
111	543	CONFERENCE ROOM	-	-	PT-1	ACT-3 / GWB / PT-1	NOTE: 2, 4, 6, 7
103	544	TECHNICIANS AREA	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
104	545	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
104	546	STORAGE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
105	547	SERVER ROOM	VCT-1	B-3	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
106	548	CLASSROOM - PRODUCTION ROOM #2	CP-1	B-3	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7, 8
107	549	CLASSROOM	CP-1	B-3	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7, 8
113		HALLWAY PRODUCTION	VCT-1	B-3	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
123		HALLWAY COMPUTER LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	551	STUDY ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
122	552	STUDY ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
108	553	STUDY ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	554	STAIR #2	SC	-	PT-1	PT-1	NOTE: 2, 4
109	555	LEARNING RESOURCE CENTER	VCT-1	B-3	PT-1	ACT-3 / GWB / PT-1	NOTE: 2, 4, 6, 7, 8
110	556	ELECTRICAL ROOM	-	-	PT-1	GWB / PT-1	NOTE: 2, 4
121		STAIR #5	-	-	PT-1	GWB / PT-1	NOTE: 2, 4
112		HALLWAY	VCT-1	B-2	PT-1	ACT-1 / GWB / PT-1	NOTE: 1 & 2
60 - 61	111	CONFERENCE ROOM #202	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
62	115	CONFERENCE ROOM #203	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
63 - 115	117	RECEPTION - PHARMACOLOGY & MICROBIOLOGY DEPARTMENT	-	-	PT-1	ACT-1 / GWB / PT-1	NOTE: 1, 2, 4, 6, 7
	118	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
64	119	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
65	120	LAB. NO.1	-	-	PT-1	ACT-1	NOTE: 1, 2, 4
66	121	STORAGE ROOM	VCT-1	B-2	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
67	122	LAB. NO.3	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	123	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	124	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	125	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	126	PREPARATION ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
99	386	LAB. #2, LAB. #4 AND LAB. #5	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
85	172	INSTRUMENTATION AREA	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
86	168	LABORATORY	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
87	171	LABORATORY	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
88	173	LABORATORY	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
89	174	LABORATORY	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
114	131	SERVICE HALL	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
		STAIR #4	-	-	-	-	-
		ELEVATOR #1	-	-	-	-	-
90	175	LABORATORY	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
91	176	LABORATORY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	178	LAB. ANTE ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	134	SERVER & STORAGE ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
92	132	CYTOMETRY LAB.	SV-1	B-1	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 7
68	133	LAB. ANTE ROOM	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 7
	155	RECEPTION - MICROBIOLOGY DEPARTMENT	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
69	135	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	136	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	137	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
70	138	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	139	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
71	141	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
97	291	HALLWAY	SV-1	B-1	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 7
72	143	MYCOLOGY LAB.	SV-1	B-1	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 6, 7
73	144	BACTERIOLOGY LAB.	SV-1	B-1	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 7
74	145	IMMUNOLOGY SEROLOGY	-	-	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 7
101	541	PARASITOLOGY LAB.	SV-1	B-1	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 6, 7
75	148	OPTICAL IMAGING FACILITY	-	-	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 6
76	147	LAB.	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
96	242	OFFICE	-	-	PT-1	GWB / PT-1	NOTE: 1, 2, 4, 6, 7
	382	LABORATORY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
98	383	LABORATORY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	384	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	385	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	387	LABORATORY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	314	COLD ROOM	-	-	-	-	-
82	162	PREPARATION ROOM	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
77	149	LOUNGE	-	B-2	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
116	140	RECEPTION - BIO CHEMISTRY, HALLWAY LOBBY	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
79	151	LAB. #2	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	152	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	153	LAB. #3	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	154	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	156	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	157	FILES ROOM	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
	158	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
80	159	LAB. #4	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
	160	OFFICE	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
81	161	LAB. #5	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
78	150	LAB. #6	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 7
100	499	LAB. #1	SV-1	B-1	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7
124		HALLWAY STAIRWAY	-	-	PT-1	ACT-3 / PT-1	NOTE: 1, 2, 4, 7
125	179	STAIR #3	SC	-	PT-1	PT-1	NOTE: 2, 4
	180	ELECTRICAL ROOM	-	-	PT-1	OTS / PT-1	NOTE: 1, 2, 4, 7
84	166	CONFERENCE ROOM #204	-	-	PT-1	ACT-1	NOTE: 1, 2, 4, 6, 7

ROOM FINISH SCHEDULE

DAM. TABLE	DOOR#	NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
		MAIN BUILDING ANNEX - FIRST FLOOR					
	597	ENTRANCE LOBBY	-	-	-	-	-
	475	STORAGE	-	-	-	-	-
	473	OFFICE	-	-	-	-	-
	473	MULTIPURPOSE AREA	-	-	-	-	-
	597	CORRIDOR	-	-	-	-	-
		LABORATORY #1	-	-	-	-	-
	471	LABORATORY #2	-	-	-	-	-
		RESTROOM	-	-	-	-	-
		BIOLOGICAL WASTE	-	-	-	-	-
	464	LABORATORY #3 (CHEMICAL PREP.)	-	-	-	-	-
	470	LABORATORY #4	-	-	-	-	-
	502	STORAGE	-	-	-	-	-
	465	CHEMICAL MATERIALS STORAGE	-	-	-	-	-
		MAIN BUILDING ANNEX - SECOND FLOOR					
A5		HALLWAY	-	-	-	-	-
	478	STORAGE	-	-	-	-	-
	479	OFFICE	-	-	-	-	-
A3	480	OFFICE	-	-	GWB/PT-1	GWB/PT-1	NOTE: 2, 4
	481	SERVER ROOM	-	-	-	-	-
	482	KITCHENETTE	-	-	-	-	-
A6	483	CONFERENCE ROOM	-	-	PT-1	PT-1	NOTE: 2, 4
A7	484	OFFICE	CP-1	B-2	GWB/PT-1	GWB/PT-1	NOTE: 2, 4
A8	485	OFFICE	-	B-2	GWB/PT-1	GWB/PT-1	NOTE: 2, 4
A4	580	OFFICE	CP-1	B-2	PT-1	PT-1	NOTE: 2, 4
	583	COPY ROOM	-	-	-	-	-

ROOM FINISH NOTES

NOTES:

1. CONTRACTOR SHALL VERIFY IN FIELD IF DESIGNATED CEILING HEIGHTS IN ROOMS ARE POSSIBLE. IF NOT, MAXIMIZE CEILING HEIGHTS AND NOTIFY ARCHITECT OR PROJECT MANAGER IMMEDIATELY.
2. REMOVE/CLEAN MOLD FROM WALLS AND ANY OTHER SURFACE WHERE REQUIRED BEFORE PAINTING OR INSTALLING FINISH.
3. SLAB TESTING PER ASTM 2170 IS REQUIRED PRIOR TO FLOORING INSTALLATION.
4. ALL EXPOSED PROJECT SURFACES WITHIN AREA TO BE IMPACTED MUST BE PAINTED WITH PT-1 COLOR.
5. TO BE INCLUDED IN ADDITIVE ALTERNATE NO. 1.
6. TO BE INCLUDED IN ADDITIVE ALTERNATE NO. 2.
7. TO BE INCLUDED IN ADDITIVE ALTERNATE NO. 3.
8. TO BE INCLUDED IN ADDITIVE ALTERNATE NO. 4.
9. TO BE INCLUDED IN ADDITIVE ALTERNATE NO. 5.
10. FLOOR FINISH TRANSITIONS SHALL BE CENTERED UNDER DOOR, WHEN APPLY.

PAINTING NOTES:

1. CONCRETE SURFACE MUST BE DRY. NO PAINTING SHALL BE DONE UNTIL SURFACE HAVE CURED FOR 30 DAYS AND ARE DRY. EFFLORESCENCE ON ANY AREA WILL BE CORRECTED BEFORE PAINTING.
2. ALL CRACKS IN THE EXTERIOR CONCRETE SURFACE MUST BE CORRECTED TO PREVENT WATER PENETRATION INTO THEM.
3. PERFORM ALL SURFACE PREPARATION AND CLEANING PROCEDURE IN STRICT ACCORDANCE WITH PAINT MANUFACTURER RECOMMENDATIONS. AND SPEC.
4. REMOVE ALL HARDWARE, PLATES, LIGHTING AND POWER FIXTURES AND ALL ITEMS NOT TO BE FINISH PAINTED. FOLLOWING COMPLETION OF PAINTING, REINSTALL THE REMOVED ITEMS BY WORKMEN SKILLED IN THE TRADES INVOLVED.
5. ALL PROJECT SURFACE, EXCEPT WHERE THE NATURAL FINISH OF THE MATERIAL IS OBVIOUSLY INTENDED AND SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, WILL BE PAINTED. THE TERM " PAINT" MEANS ALL COATING SYSTEM MATERIALS INCLUDING PRIMERS. PAINT ALSO MEANS ALL COATING SYSTEM AND FILLERS, AND OTHER APPLIED MATERIALS WHETHER USED AS PRIME, INTERMEDIATE OR FINISH COATS.
6. UPON COMPLETION OF PAINTING WORK, CLEAN ALL PAINT SPATTERED SURFACE. REMOVE SPATTERED PAINT BY PROPER METHOD USING CARE NOT TO SCRACTCH OF DAMAGE FINISHED SURFACES.
7. PRIOR TO BEGINNING OF PAINTING WORK THE ARCHITECT/ENGINEER WILL FURNISH A COLOR SCHEDULE TO THE CONTRACTOR.
8. THE PRODUCTS OF THE BENJAMIN MOORE COMPANY, INC. ARE SELECTED AS A REFERENCE OF QUALITY OF THE FINISHED REQUIRED. BEST OF EQUAL GRADE PRODUCTS OF OTHER MANUFACTURER WILL BE ACCEPTED IF THE TEST MADE BY AN INDEPENDENT LABORATORY ARE SUBMITTED FOR ARCHITECT/ ENGINEER APPROVAL.
9. PRIOR COMMENCING PAINTING WORKS, PAINTING CONTRACTOR SHALL PAINT AN AREA SELECTED BY THE ARCHITECT/ENGINEER, LARGE ENOUGH TO TEST AND APPROVE ALL THE COLOR SELECTED.
10. ALL EXISTING CONCRETE SURFACES TO REMAIN WILL BE WATER BLASTED AT 3000 PSI IN ORDER TO REMOVE ALL EXISTING DEBRIS ND LOOSE MATERIAL PRIOR TO CONSTRUCTION.

PAINTING SCHEDULE

	PRIMER OR BASECOATS FOR NON PAINTED SURFACES						PAINT TYPES							
	NUMBER OF COATS	ACRYLIC MASONRY EXT. PRIMER N066	DTM ACRYLIC ENAMEL SEMI-GLOSS INT./EXT. # HP3310	ULTRA SPEC 500 PRIMER INT. N534	FS 10% ACRYLIC PRIMER INT/EXT. N023	QUICK SET EPOXY FLOOR SEALER # HP1560	NUMBER OF COATS	ULTRA SPEC FLAT EXT N447	ULTRA SPEC 500 FLAT EXT. N536 ZERO VOC POST TINTED	ULTRA SPEC 500 EGG INT. N538 ZERO VOC POST TINTED	ULTRA SPEC 500 SEMI-GLOSS INT. N539 ZERO VOC POST TINTED	INSL-X LATEX TRAFFIC PAINT TP22	OIL MODIFIED POLYURETHANE 1Y.617	HIGH PERFORMANCE 100% SOLIDS EPOXY # HP4300
INTERIOR SURFACES														
NEW CONCRETE	1	●					2				●			
CONCRETE	1	●					2				●			
DRYWALL	1			●			2				●			
CONCRETE CEILING	1	●					2		●					
G.B. CEILING & FASCIA	1			●			2		●					
STEEL DOORS & FRAMES INT	2		●											
MISCELLANEOUS METALS	2		●											
EPOXY COATING FLOORING	1					●	1							●
SEALED CONCRETE FLOORING	2					●								
EXTERIOR SURFACES														
NEW CONCRETE	1	●					2	●						
CONCRETE	1	●					2	●						
EXT. GYPSUM BOARD OR EIFS	1				●		2	●						
METALS	2		●											
TRAFFIC PAINT							2					●		
INTERIOR WOOD ITEMS														
IMBUIA OR CAOBA							2						●	
TREATED WOOD							2						●	

NOTE: PAINTING SCHEDULE PRODUCTS ARE FROM BENJAMIN MOORE PAINT

1. WATERBONE SYSTEM ZERO VOC POST TINTED
2. QUALIFY FOR LEED CREDITS
3. MPI APPROVED
4. WATERBONE SYSTEM
5. CROSS-LINKING RESIN TECHNOLOGY
6. SEMI-GLOSS SERIES AT INTERIOR SPACES INCLUDING CORRIDORS.

SCHEDULE OF FINISHES

FLOORS:
- VCT-1 VINYL COMPOSITE TILE FLOORING
- SV-1 SHEET VINYL FLOORING
- EF-1 EPOXY COATING FLOORING
- SC SEALED CONCRETE
- CP-1 CARPET FLOORING
- CT-1 CERAMIC TILE FLOORING

BASE:
- B-1 RUBBER BASE
- B-2 VINYL BASE
- B-3 WOOD BASE

WALLS:
- PT-1 INTERIOR PAINT
- PT-2 EXTERIOR PAINT
- PT-3 EPOXY PAINT
- GT-1 GLAZED CERAMIC TILES

CEILING:
- ACT-1 ACOUSTICAL CEILING TILES TYPE 1
- ACT-2 ACOUSTICAL CEILING TILES TYPE 2
- GWB GYPSUM WALL BOARD FASCIA
- OTS OPEN TO STRUCTURE ABOVE
- WLC WOOD LAMINATE CEILING

BID DRAWINGS PHASE

RIVERA & ALEJANDRO, PSC
ARCHITECTS / ENGINEERS
P.O. BOX 9964 SANTURCE STATION
SAN JUAN PUERTO RICO 00908 - 0964
TELEPHONES: 787-783-5074 & 787-783-5106
Email: jralejandro@ra-pr.com

JOSE R. ALEJANDRO GARCIA
INGENIERO LICENCIADO
LIC. 5805
PUERTO RICO

REVISIONS: * * * * | REVISION DATE: * * * *

PROJECT: PW #107355 – MAIN FACILITIES
SPONSOR: UNIVERSIDAD CENTRAL DEL CARIBE, INC.
DRAWING TITLE: PRELIMINARY PHASE – FINISH SCHEDULE
JOB NO. 2312 | DATE OCTOBER, 2026 | SCALE
SHEET A-18

THIS DRAWING AND ITS CONTENT ARE THE PROPERTY OF THE OFFICE OF RIVERA & ALEJANDRO AND SHALL BE USED ONLY AS A REFERENCE DOCUMENT AND/OR WORKING INSTRUMENT BY AUTHORIZED PERSONNEL. ANY PARTIAL OR TOTAL REPRODUCTION, USE OF SUCH DOCUMENT OR INFORMATION CONTAINED IN THE DRAWING IS STRICTLY PROHIBITED WITHOUT THE APPROPRIATE WRITTEN CONSENT OF RIVERA & ALEJANDRO PSC.