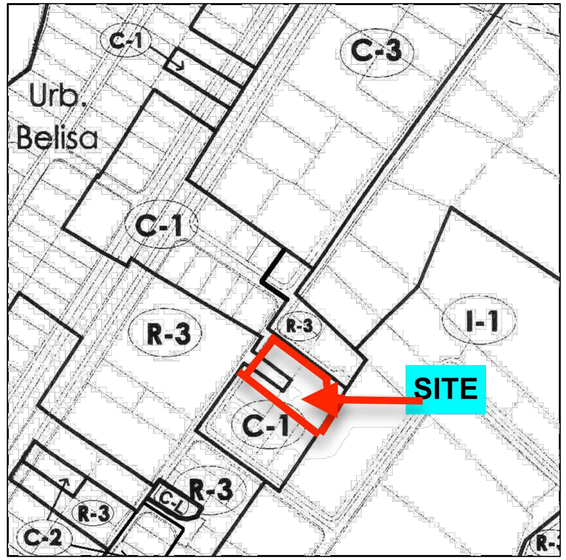

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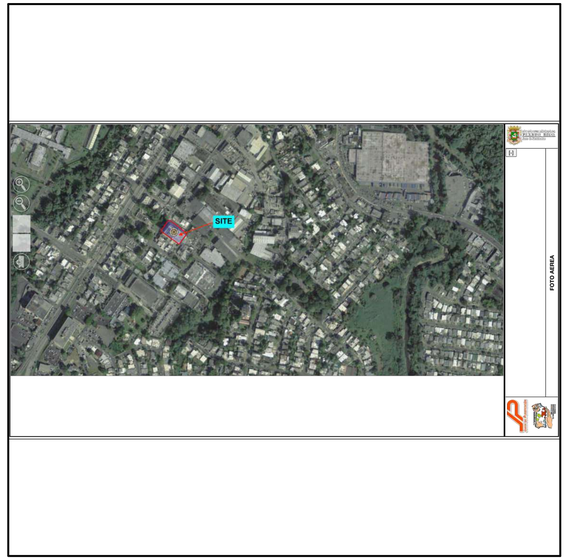
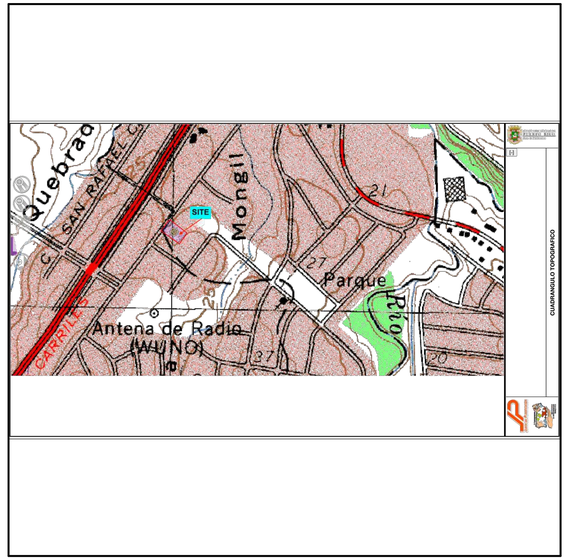


LOCATION MAP PROJECT SITE



SITE PLAN PROJECT SITE

FLOOD MAP PROJECT SITE

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BERSA GROUP PSC
AVE. ESCORIAL #400 URB. CAPARRA HEIGHTS SAN JUAN P.R. 00920-5583
TEL-787.250.9170 FAX-787.277.9045 BERSA.ARQUITECTURA@GMAIL.COM

DESIGN DEVELOPMENT PHASE
REHABILITACION EDIFICIO CARIBE PLAZA
FACILIDADES NEGOCIADO DE SISTEMAS DE EMERGENCIAS 9-1-1
DEPARTAMENTO DE SEGURIDAD PUBLICA
1547 AVE. PONCE DE LEÓN, RÍO PIEDRAS, PUERTO RICO, 00926

FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

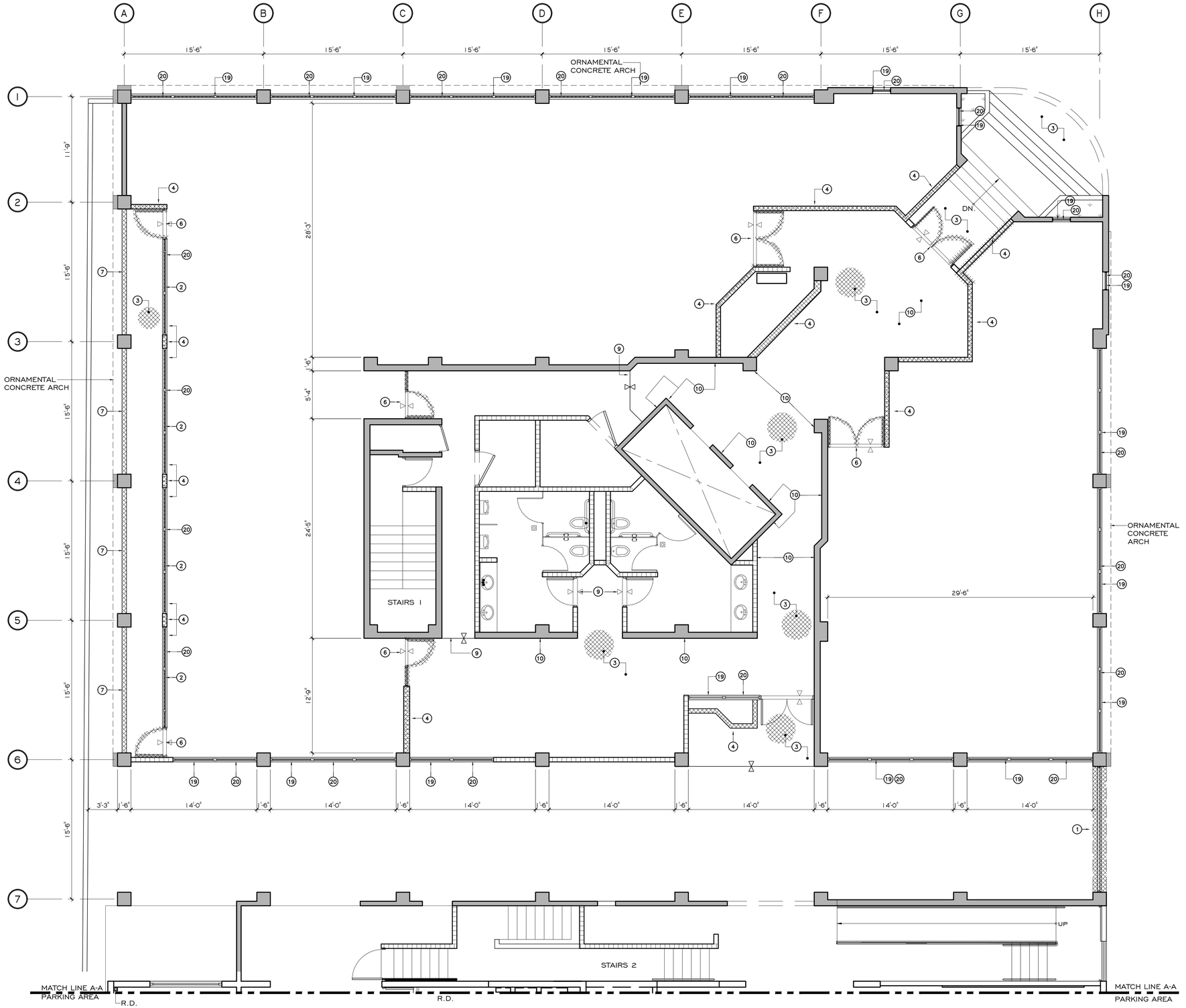
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE CLEANED.

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION FIRST LEVEL FLOOR PLAN

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

FIRST LEVEL AREA=8,137.556 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSA PO. LIC. #12201

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#1547 AVE. PONCE DE LEÓN, RÍO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME: CONSTRUCTION PHASE EXISTING & DEMOLITION FIRST LEVEL FLOOR PLAN

DRAWING NUMBER: X-2.00

OF

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FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
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18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
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DEMOLITION LEGEND:

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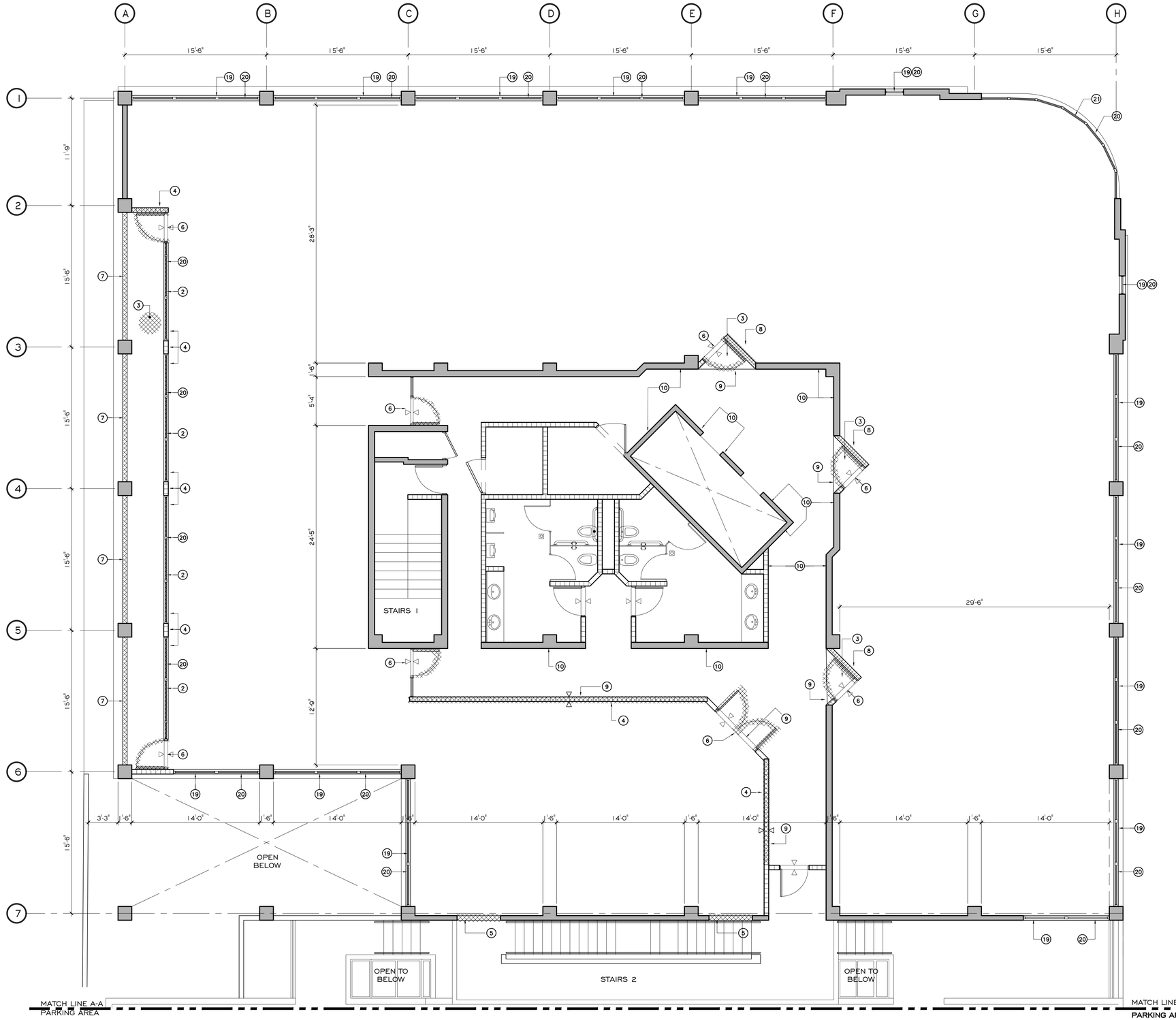
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION SECOND LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

SECOND LEVEL AREA=9,357.646 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA_ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGO PLZ LIC. #12501

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RÍO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
SECOND LEVEL FLOOR PLAN

DRAWING NUMBER
X-2.20

OF

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FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

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18. MECHANICAL EQUIPMENT TO BE REMOVED.
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20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

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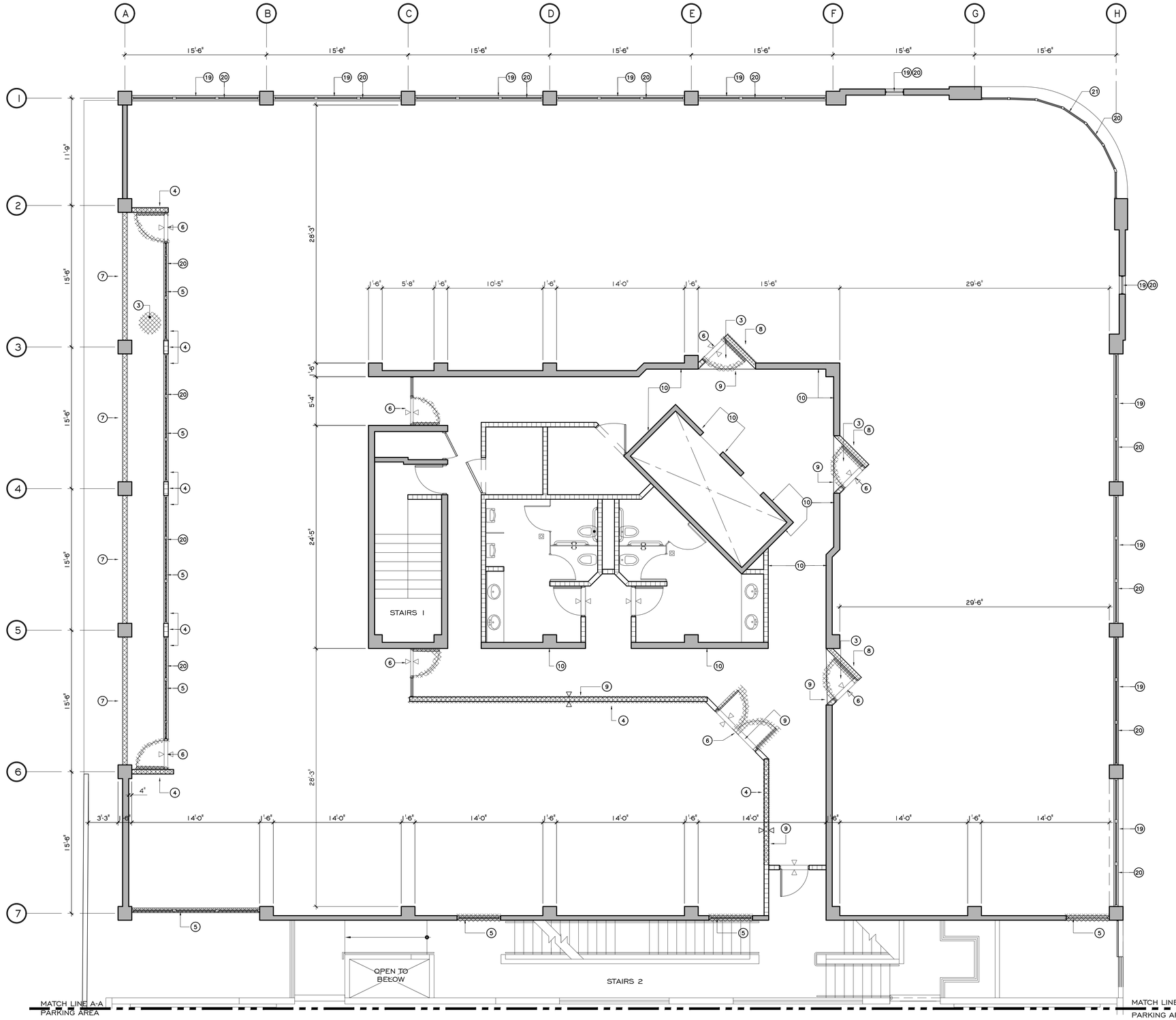


EXISTING & DEMOLITION THIRD LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGOS PLZ LIC. #12301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RÍO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
THIRD LEVEL FLOOR PLAN

DRAWING NUMBER
X-2.30

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

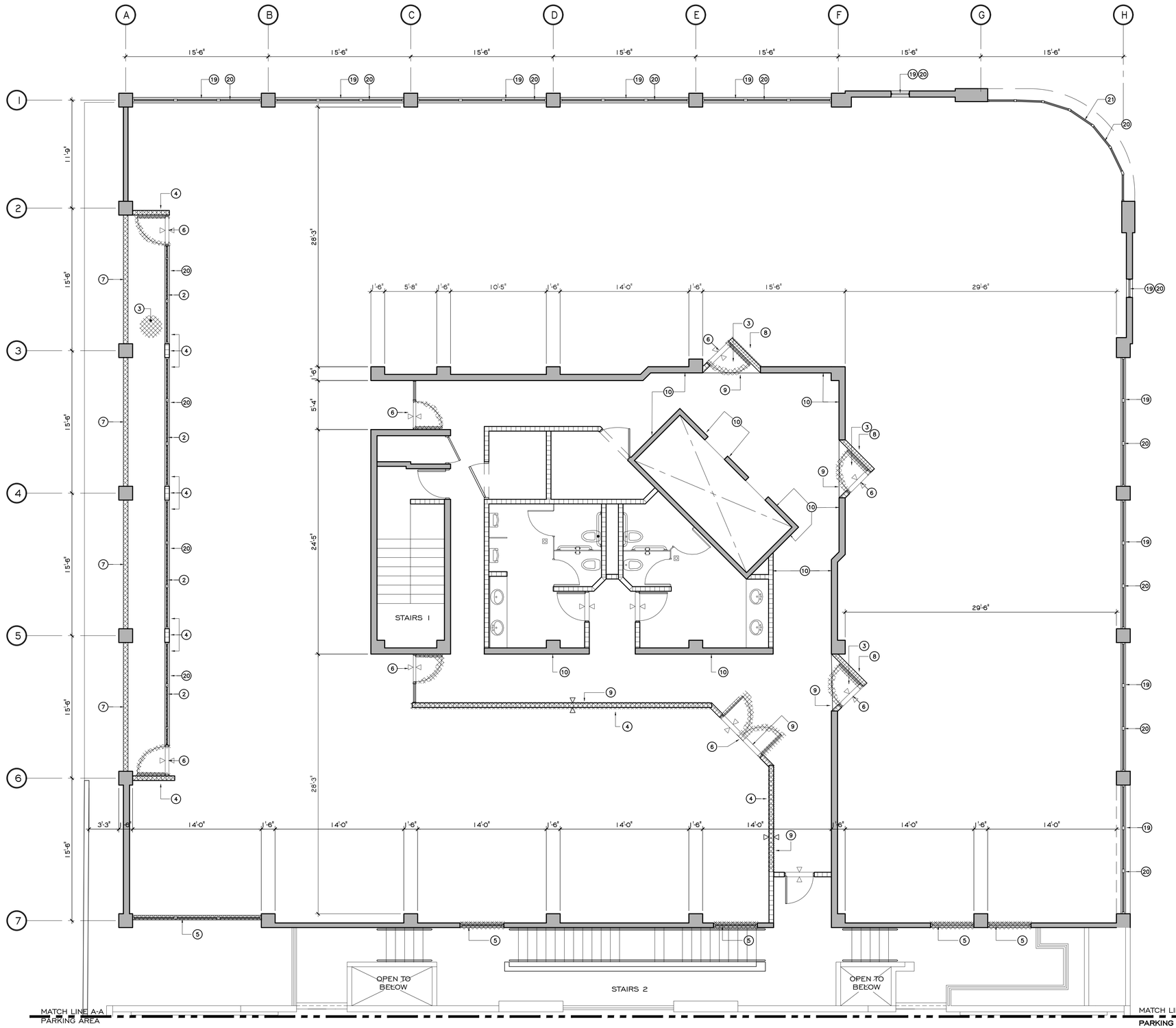
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE CLEANED.

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION FOURTH LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

FOURTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOSUÉ I. BERSOZA PAZ, LIC. # 7,530

MARK	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
FOURTH LEVEL FLOOR PLAN

DRAWING NUMBER
X-2.40

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE. BEING RENDERED REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

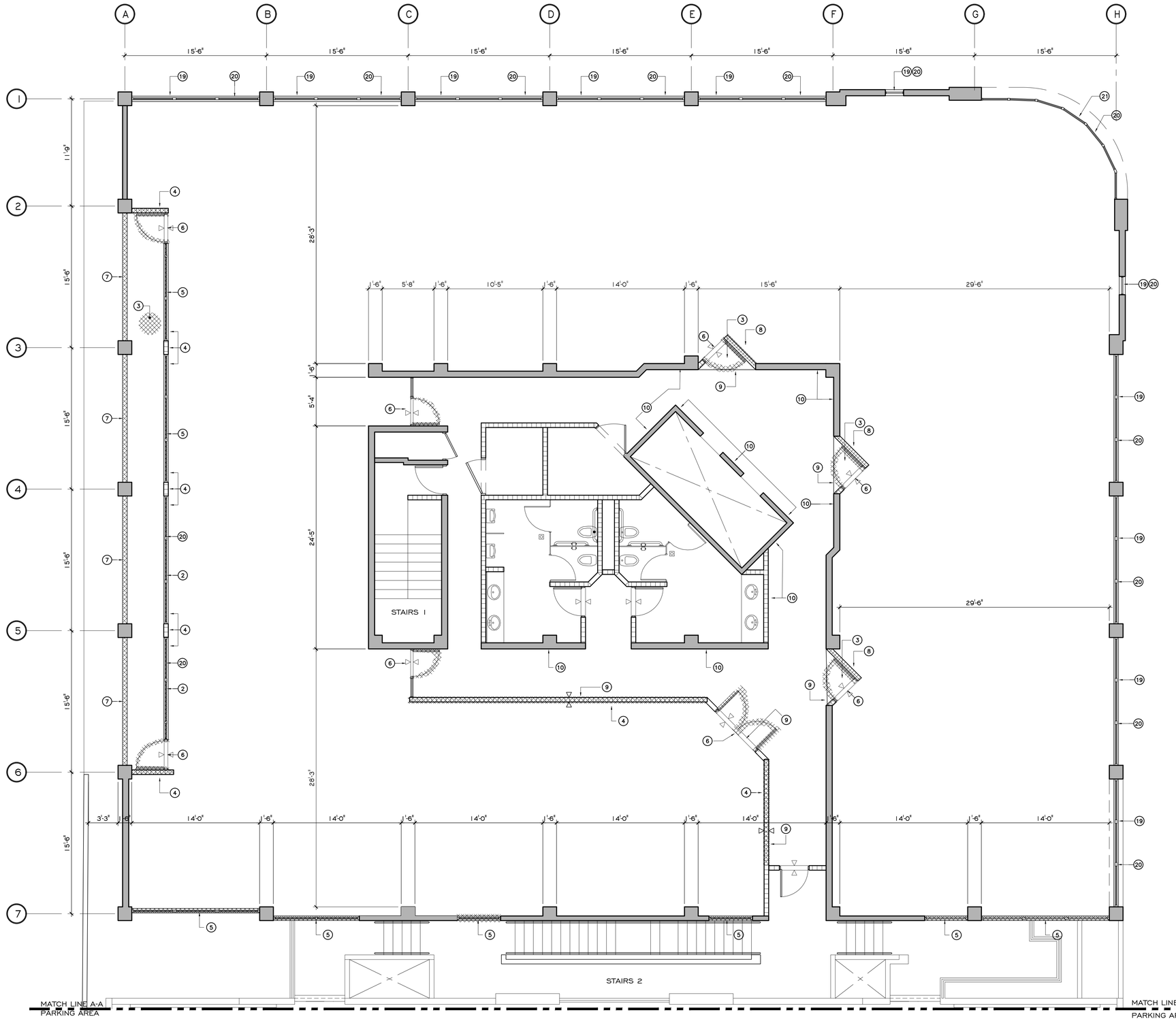
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE CLEANED.

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION FIFTH LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

FIFTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGOS PLZ LIC. #12301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RÍO PIEDRAS, PUERTO RICO, 00926

PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
FIFTHLEVEL FLOOR PLAN

DRAWING NUMBER
X-2.50

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

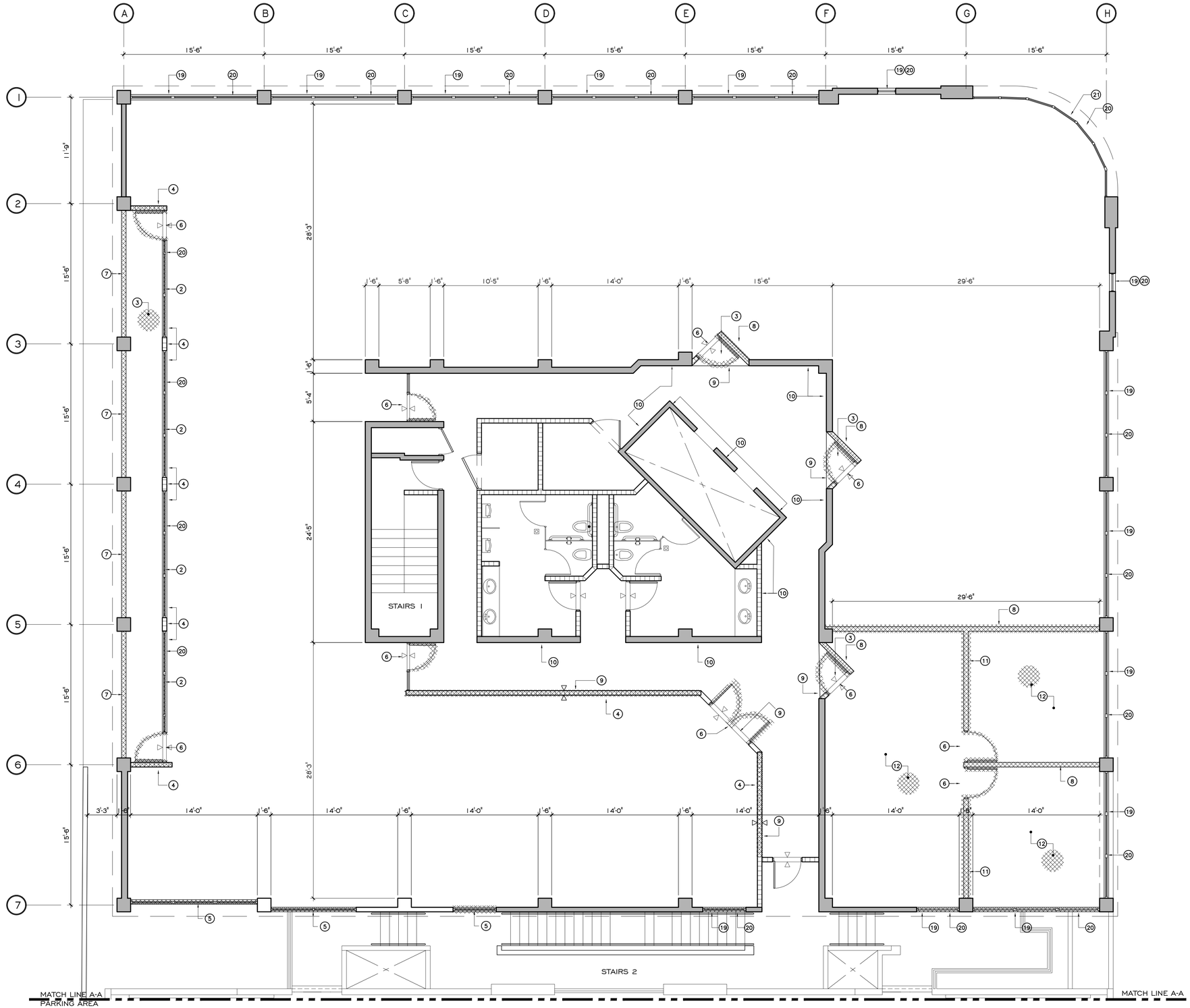
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

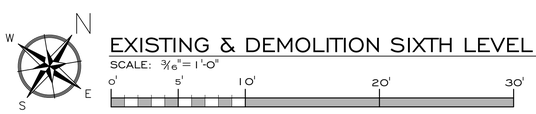
IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE CLEANED.

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.





EXISTING & DEMOLITION SIXTH LEVEL FLOOR PLAN

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

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersa Rio Pz. Lic. # 12201

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
SIXTH LEVEL FLOOR PLAN

DRAWING NUMBER
X-2.60

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

FLOOR PLANS
DEMOLITION WORK DESCRIPTION:

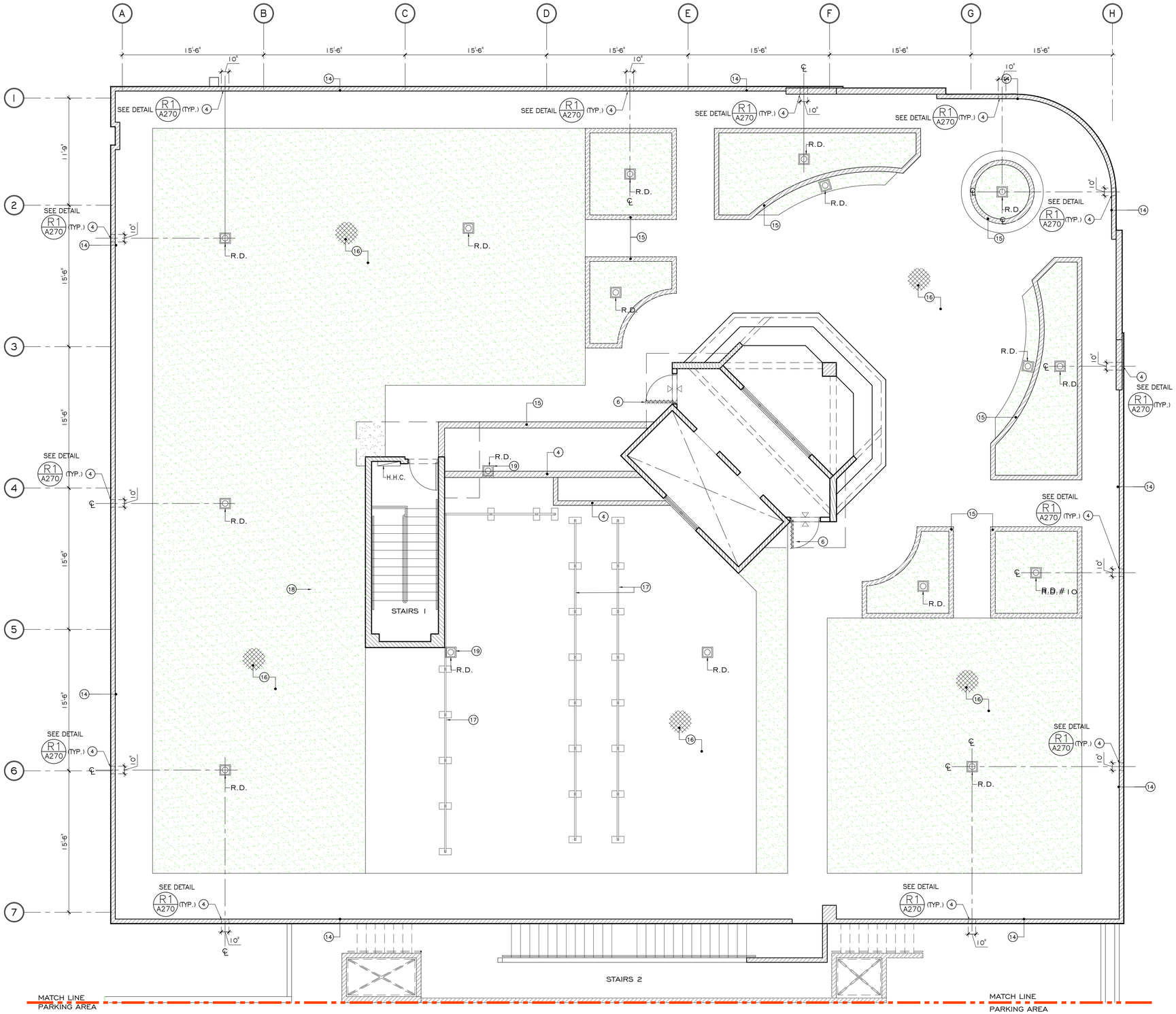
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM INCLUDING WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING RAIN DRAIN TO BE RELOCATED

IMPORTANT NOTES:

1. FULL OPERATIONS ON COOP WILL REMAIN INCLUDING "AUTO COOP" CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DEMOLITION / CONSTRUCTION WORKS. ON REGULAR, AFTER HOURS OR WEEKENDS IN ORDER TO AVOID CONFLICT WITH REGULAR FACILITIES OPERATIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
3. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
4. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
6. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION ROOF LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

ROOF AREA=10,126.743 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersaco Paz Lic. #12301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION
ROOF LEVEL FLOOR PLAN

DRAWING NUMBER
X-2.70_RF

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

ELEVATIONS
DEMOLITION WORK DESCRIPTION:

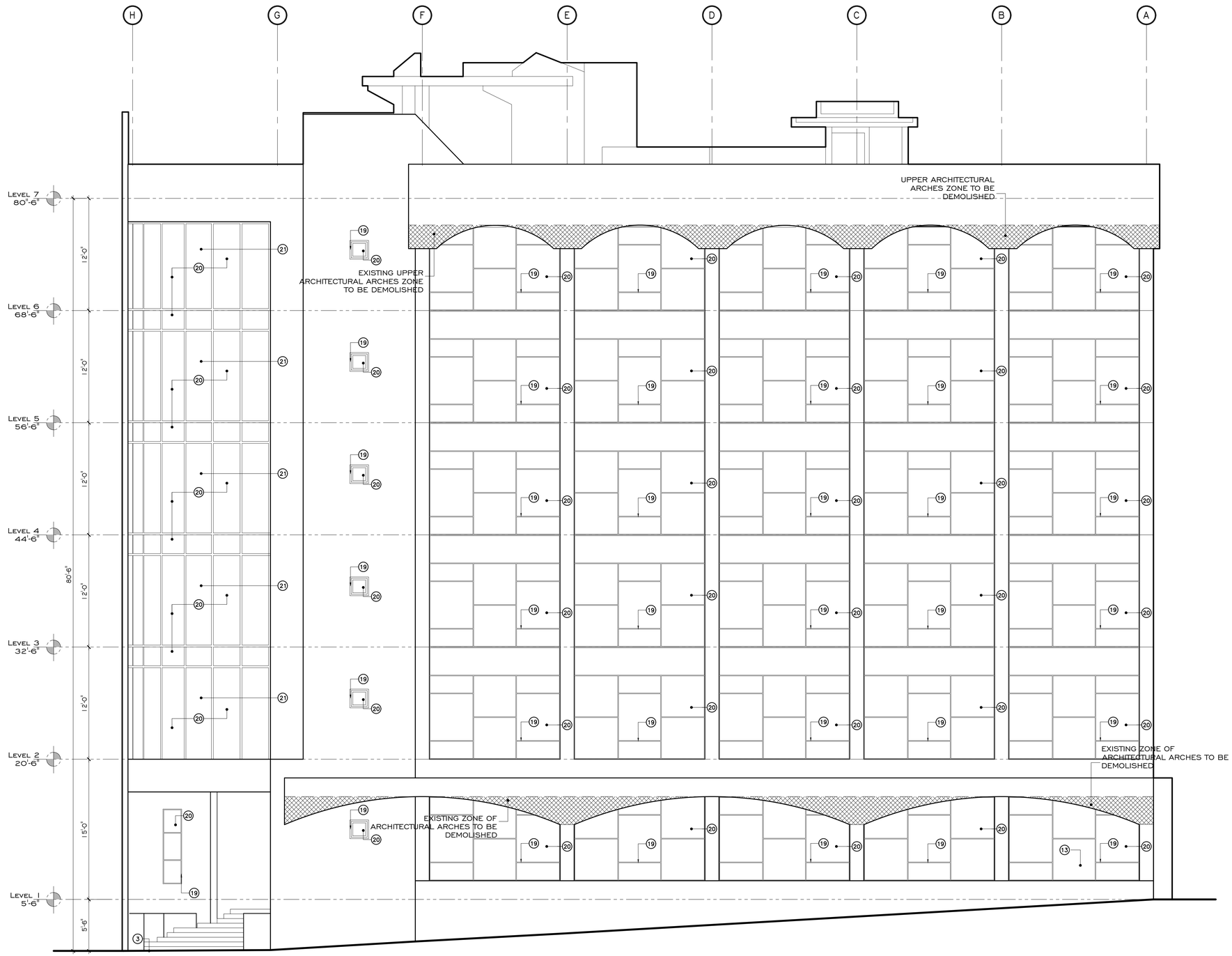
1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. FULL OPERATIONS ON COOP WILL REMAIN INCLUDING "AUTO COOP" CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DEMOLITION / CONSTRUCTION WORKS. ON REGULAR, AFTER HOURS OR WEEKENDS IN ORDER TO AVOID CONFLICT WITH REGULAR FACILITIES OPERATIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
3. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
4. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
5. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
6. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION NORTH BUILDING ELEVATION

1 A100

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

0' 5' 10' 20' 30'

BERSA GROUP PSC

400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583

E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersaco Paz Lic. #12301

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO O.L.L.

PROJECT NO.

DRAWING NAME: EXISTING & DEMOLITION PHASE NORTH BUILDING ELEVATION

DRAWING NUMBER: X-3.00

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

ELEVATIONS
DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. FULL OPERATIONS ON COOP WILL REMAIN INCLUDING "AUTO COOP" CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DEMOLITION / CONSTRUCTION WORKS. ON REGULAR, AFTER HOURS OR WEEKENDS IN ORDER TO AVOID CONFLICT WITH REGULAR FACILITIES OPERATIONS.

2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.

3. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.

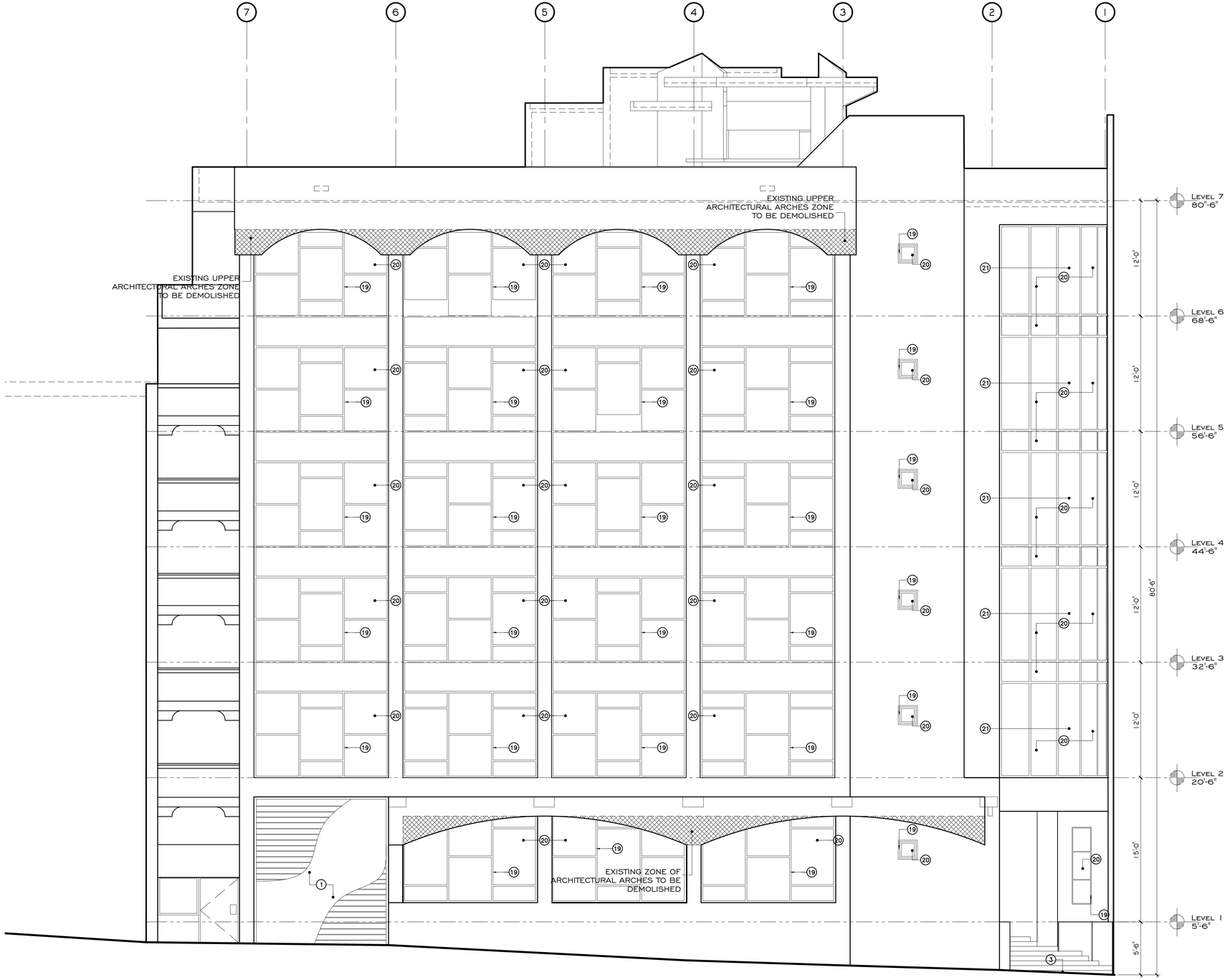
4. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.

5. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.

6. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- ⑨ DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITON EAST BUILDING ELEVATION

2 / A100 SCALE: 3/16"= 1'-0"

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaks Paz. LIC. # 13,301

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

IT REMAINS THE PROPERTY OF THE OFFICE AND SHALL NOT BE COPIED REPRODUCED OR DISPOSED UNLESS PERMISSION IN WRITING IS GRANTED.

DRAWING NAME
EXISTING & DEMOLITION PHASE
EAST BUILDING ELEVATION

DRAWING NUMBER
X-3.10

THE DRAWING REFLECTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THE PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

ELEVATIONS
DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.

3. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.

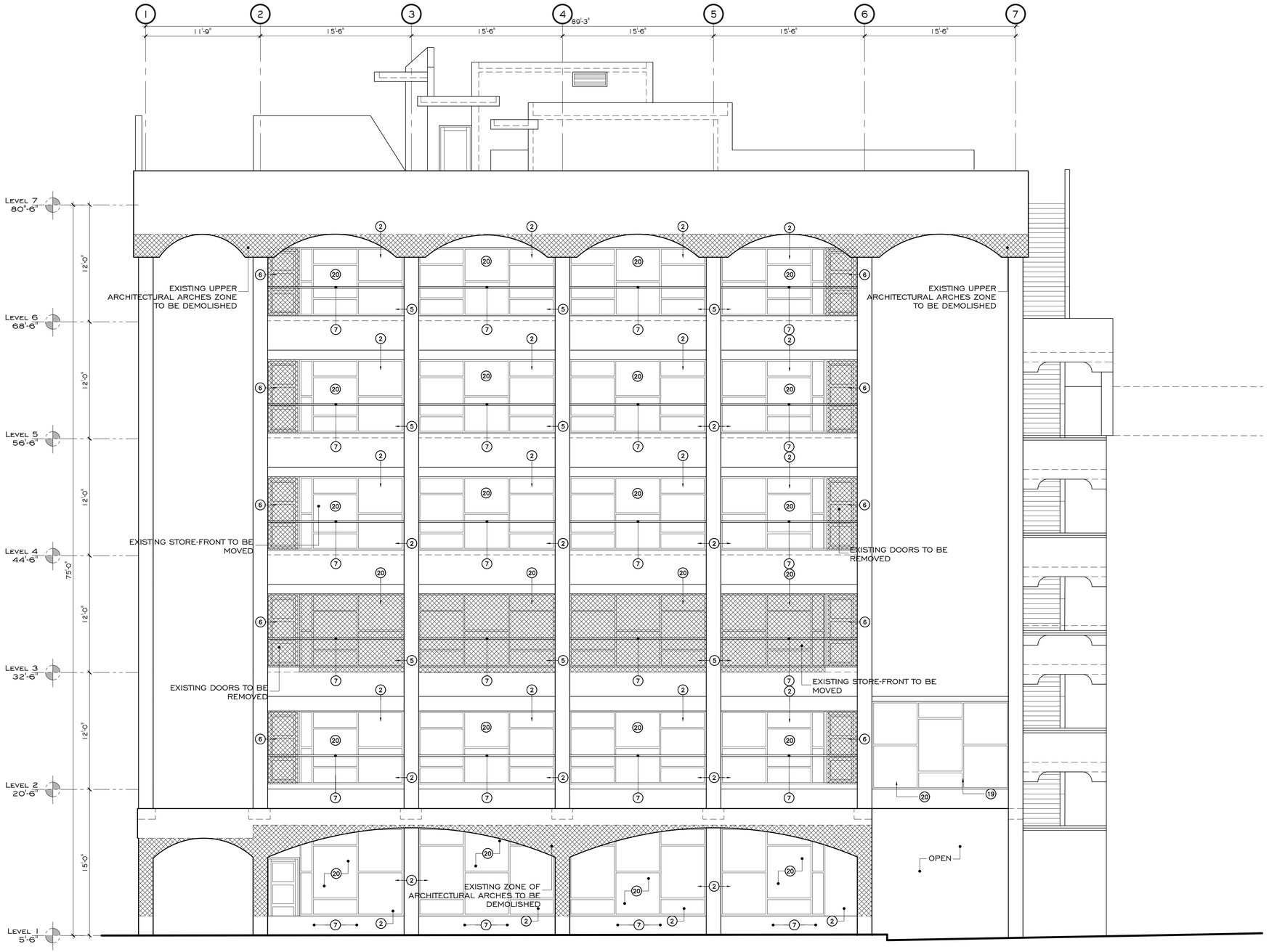
4. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.

5. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.

6. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- ⓪ DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITON WEST BUILDING ELEVATION

1 / A100 SCALE: 3/16" = 1'-0"

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaks Paz, LIC. # 13,301

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PROJECT NO.

PROJECT NAME:
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME:
EXISTING & DEMOLITION PHASE
WEST BUILDING ELEVATION

DRAWING NUMBER:
X-3.20

ELEVATIONS
DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL ROOL UP DOOR TO BE REMOVED.
2. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED & RELOCATED.
3. EXISTING FINISH FLOOR TO BE REMOVED (CERAMIC TILE).
4. EXISTING CONCRETE WALL TO BE DEMOLISHED.
5. WINDOW TO BE REMOVED.
6. DOOR TO BE REMOVED.
7. ALUMINUM & GLASS PANELS RAILING TO BE REMOVED.
8. EXISTING GYPSUM BOARD WALL TO BE DEMOLISHED.
9. SAW CUT DEMOLITION OF EXISTING FINISH FLOOR.
10. EXISTING WALL CERAMIC TILE TO BE DEMOLISHED.
11. GLASS WALL PARTITION TO BE REMOVED.
12. EXISTING FINISH FLOOR TO BE REMOVED (CARPET TILE).
13. EXISTING BROKEN GLASS TO BE REPLACED.
14. EXISTING PLEXI GLASS OR SIMILAR TO BE REMOVED.
15. CONCRETE PLANTERS TO BE DEMOLISHED.
16. REMOVED ALL LAYERS OF EXISTING GREEN ROOF TOP SYSTEM EXCEPT WATER PROOF MEMBRANE.
17. METAL STRUCTURE TO BE REMOVED.
18. MECHANICAL EQUIPMENT TO BE REMOVED.
19. EXISTING ALUMINUM STORE FRONT FRAME TO REMAIN.
20. EXISTING STORE FRONT GLASS TO BE REMOVED.
21. EXISTING ALUMINUM & GLASS CURTAIN WALL STORE FRONT TO REMAIN.

IMPORTANT NOTES:

1. FULL OPERATIONS ON COOP WILL REMAIN INCLUDING "AUTO COOP" CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DEMOLITION / CONSTRUCTION WORKS. ON REGULAR, AFTER HOURS OR WEEKENDS IN ORDER TO AVOID CONFLICT WITH REGULAR FACILITIES OPERATIONS.

2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.

3. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.

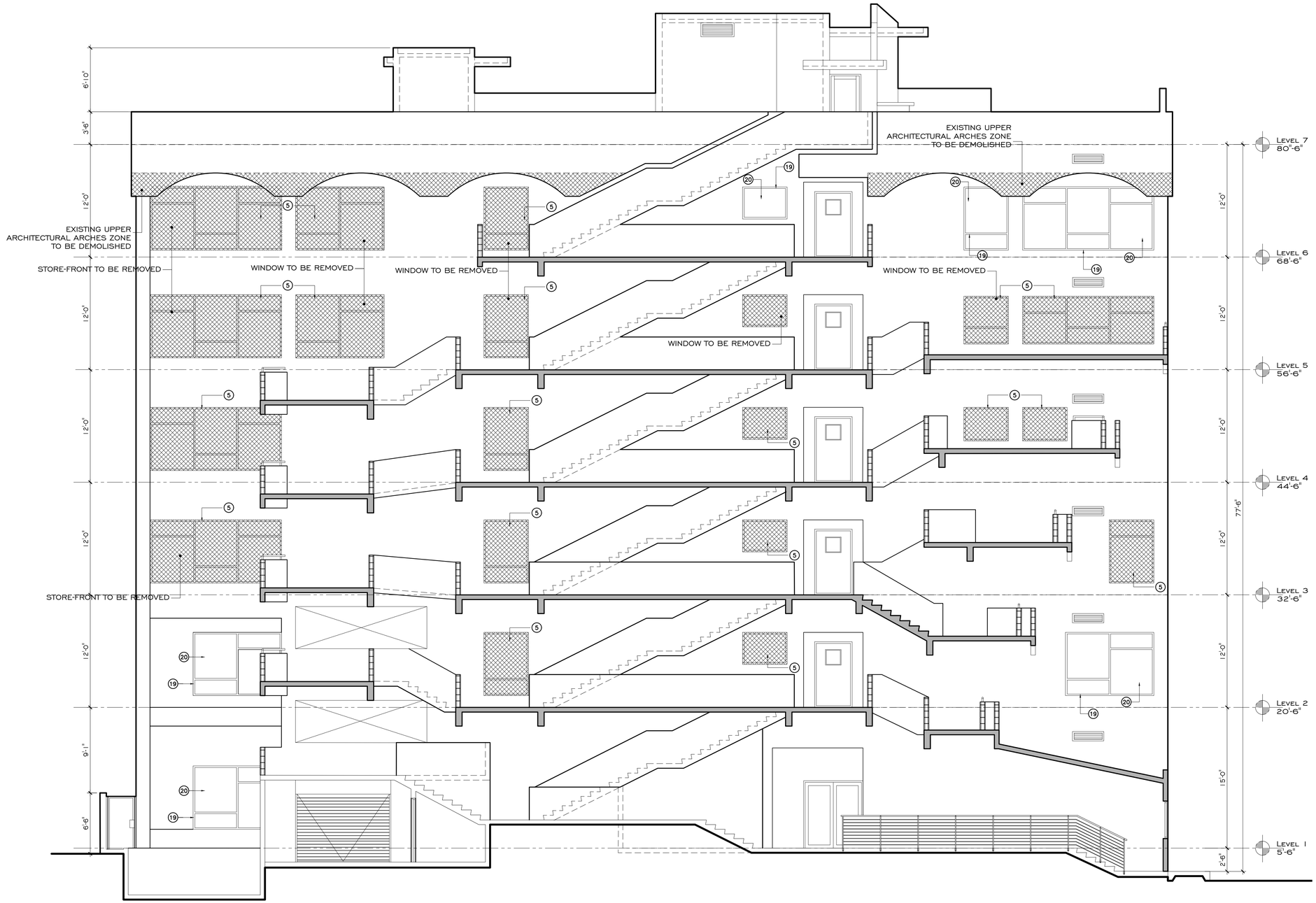
4. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.

5. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.

6. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (9) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION SOUTH BUILDING ELEVATION

1/A100 SCALE: 3/16"= 1'-0"

0' 5' 10' 20' 30'

BERSA GROUP PSC
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JAIME BERSAS PSC LIC. # 13,301
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME
EXISITNG & DEMOLITION PHASE
SOUTH BUILDING ELEVATION

DRAWING NUMBER
X-3.30

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DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL SUSPENDED CEILING TO BE REMOVED.
2. EXISTING LIGHTING FIXTURE TO BE REMOVED.
3. EXISTING WALL TO BE REMOVED OR DEMOLISHED.
4. EXISTING GYPSUM BOARD OR DURO-ROCK CEILING TO BE REMOVED.
5. EXISTING SUSPENDED CEILING TO BE REMOVED.
6. A/C SYSTEM CEILING CASSETTE TO BE REMOVED.
7. EXISTING ROLL UP DOOR TO BE REMOVED.
8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
9. EXISTING SMOKE SENSORS TO BE REMOVED.
10. EXISTING WINDOW TO BE REMOVED.
11. GLASS WALL PARTITION TO BE REMOVED.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
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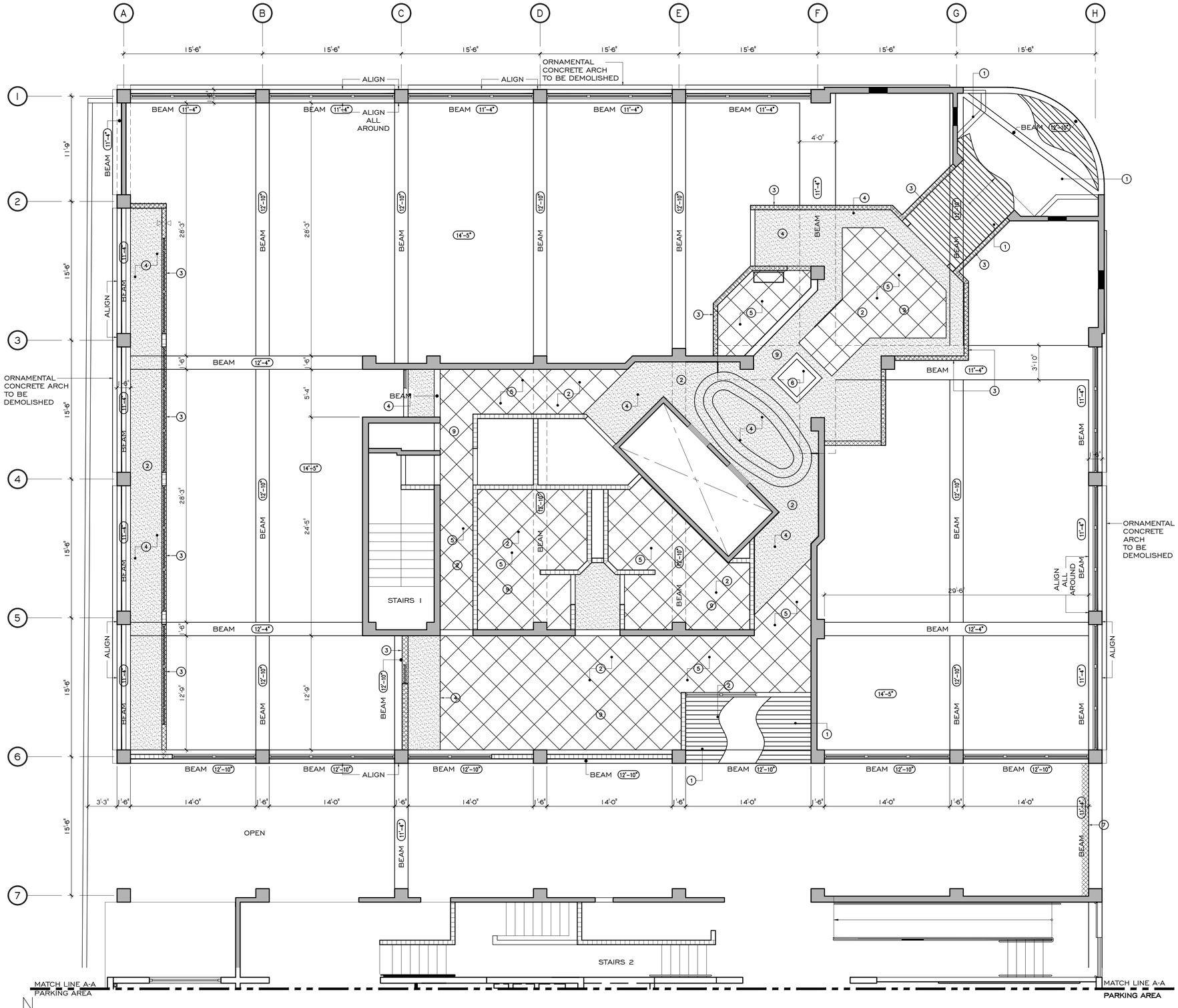
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - FIRST LEVEL

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

0' 5' 10' 20' 30'

FIRST LEVEL AREA=8,137.556 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Alberto Bersa-Pol, Lic. # 5301

NUM	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITON REFLECTED CEILING PLAN
FIRST LEVEL FLOOR PLAN

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NUMBER
X-6.00

OF

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DEMOLITION WORK DESCRIPTION:

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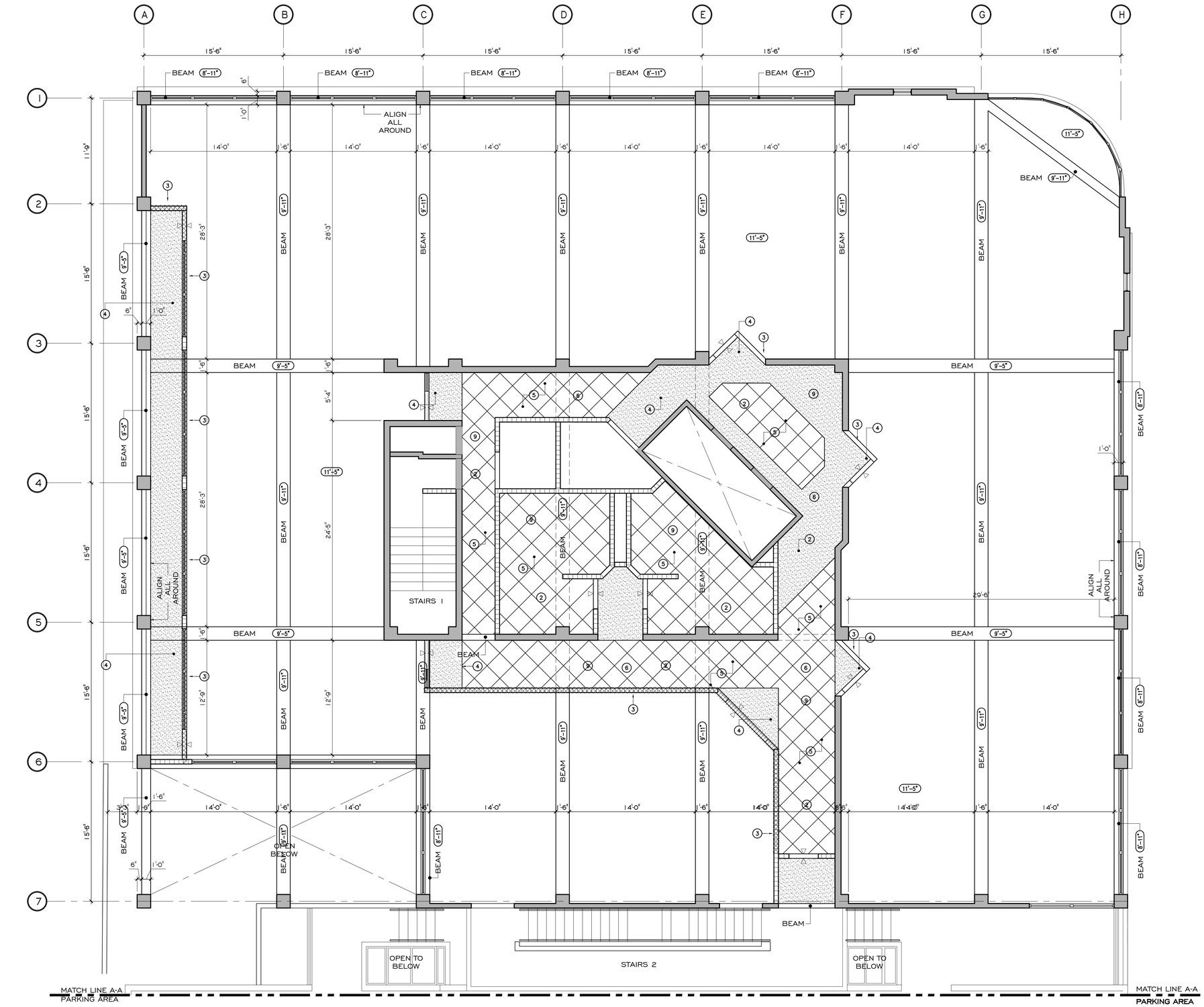
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- ⓪ DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - SECOND LEVEL

SECOND LEVEL AREA=9,357.646 SQ.FT.

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

0' 5' 10' 20' 30'

N W E S

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
(ANOTH BERSABAS PSC. LIC. # 7,530)

MARK	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

#1547 Art. Pinos de Lda. Río Piedras, Puerto Rico, 00925

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
SECOND LEVEL FLOOR PLAN

DRAWING NUMBER
X-6.20

OF

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DEMOLITION WORK DESCRIPTION:

1. EXISTING METAL SUSPENDED CEILING TO BE REMOVED.
2. EXISTING LIGHTING FIXTURE TO BE REMOVED.
3. EXISTING WALL TO BE REMOVED OR DEMOLISHED.
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5. EXISTING SUSPENDED CEILING TO BE REMOVED.
6. A/C SYSTEM CEILING CASSETTE TO BE REMOVED.
7. EXISTING ROLL UP DOOR TO BE REMOVED.
8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
9. EXISTING SMOKE SENSORS TO BE REMOVED.
10. EXISTING WINDOW TO BE REMOVED.
11. GLASS WALL PARTITION TO BE REMOVED.

IMPORTANT NOTES:

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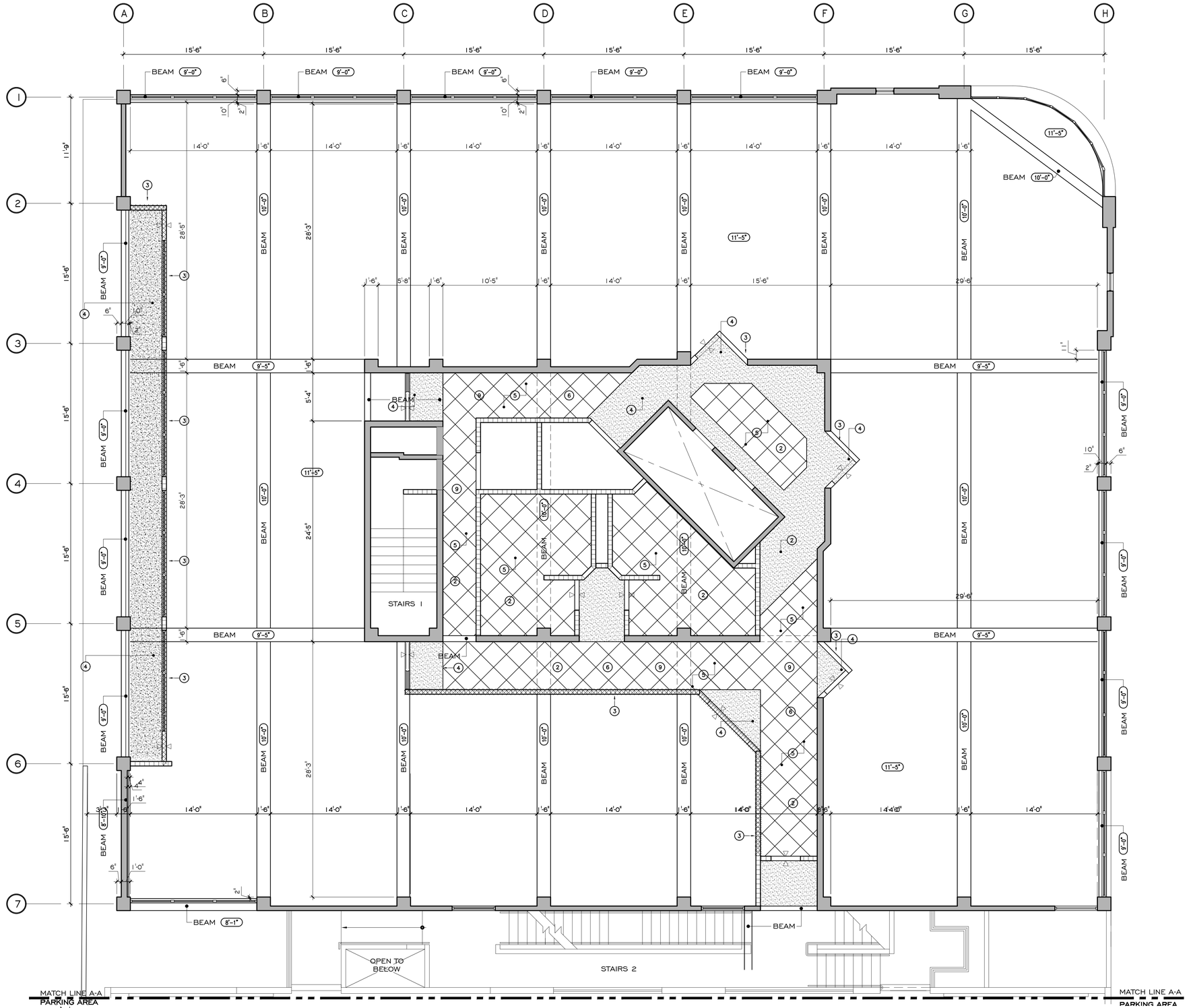
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - THIRD LEVEL

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

0' 5' 10' 20' 30'

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM

MARK	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
THIRD LEVEL FLOOR PLAN

DRAWING NUMBER
X-6.30

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DEMOLITION WORK DESCRIPTION:

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8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
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10. EXISTING WINDOW TO BE REMOVED.
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IMPORTANT NOTES:

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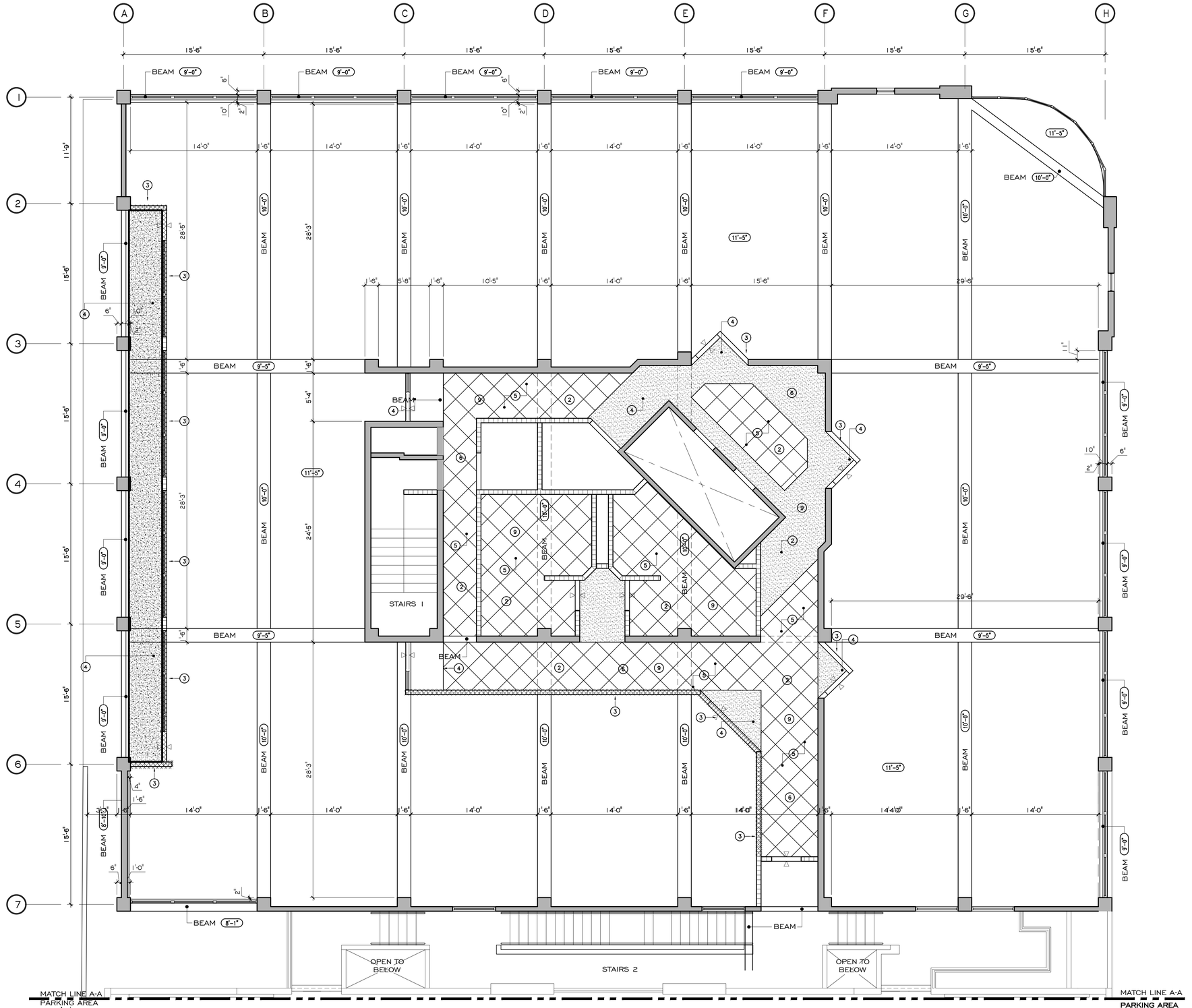
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - FOURTH LEVEL

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

0' 5' 10' 20' 30'

FOURTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM

MARK	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
FOURTH LEVEL FLOOR PLAN

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico 00926

DRAWING NUMBER
X-6.40

OF

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DEMOLITION WORK DESCRIPTION:

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3. EXISTING WALL TO BE REMOVED OR DEMOLISHED.
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6. A/C SYSTEM CEILING CASSETTE TO BE REMOVED.
7. EXISTING ROLL UP DOOR TO BE REMOVED.
8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
9. EXISTING SMOKE SENSORS TO BE REMOVED.
10. EXISTING WINDOW TO BE REMOVED.
11. GLASS WALL PARTITION TO BE REMOVED.

IMPORTANT NOTES:

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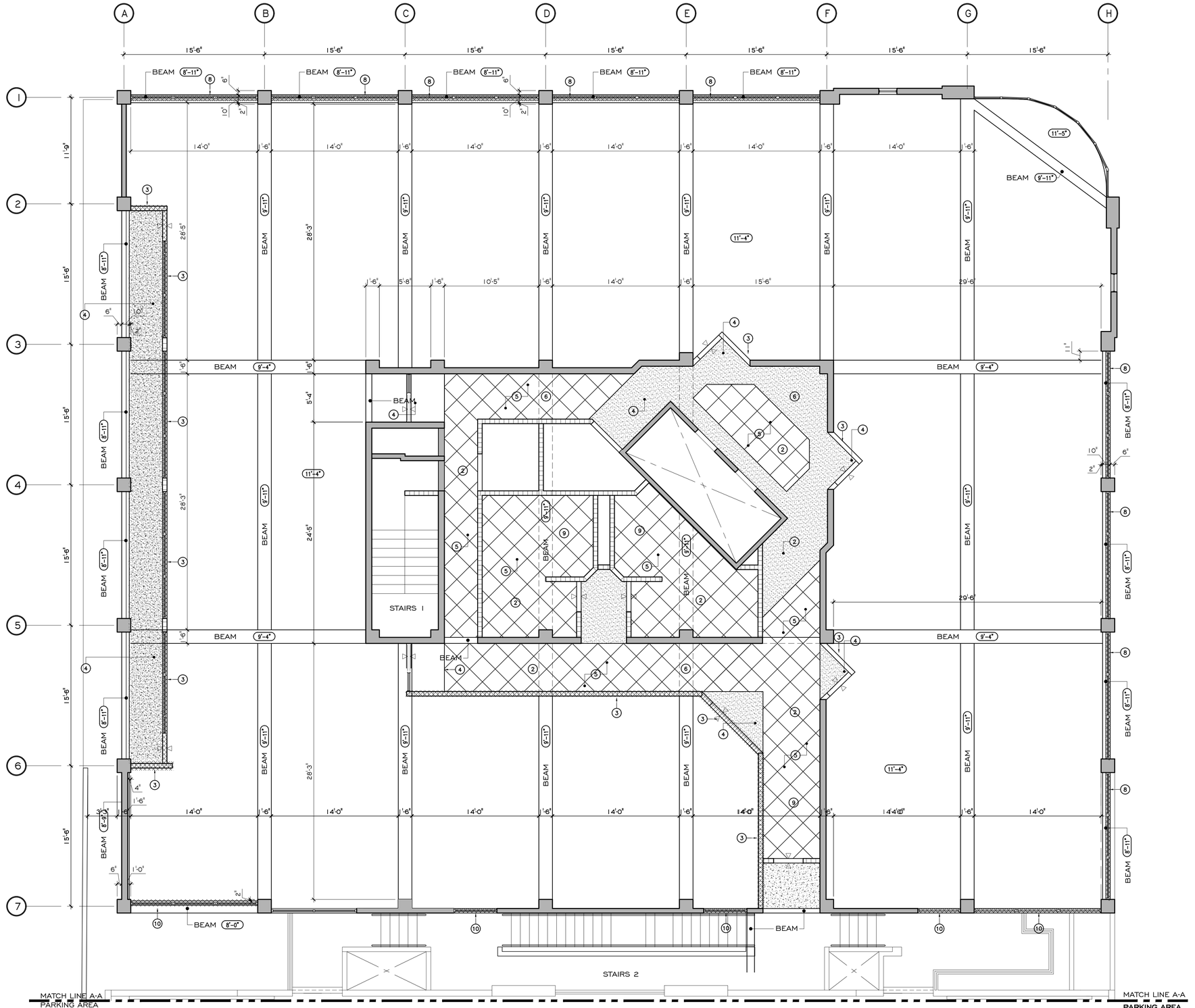
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - FIFTH LEVEL

FIFTH LEVEL AREA=9,834.858 SQ.FT.

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
(ANOTO BERSABOU Pol. Lic. # 7,530)

MARK	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
FIFTH LEVEL FLOOR PLAN

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NUMBER
X-6.50

OF

THIS DRAWING REFLECTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

DEMOLITION WORK DESCRIPTION:

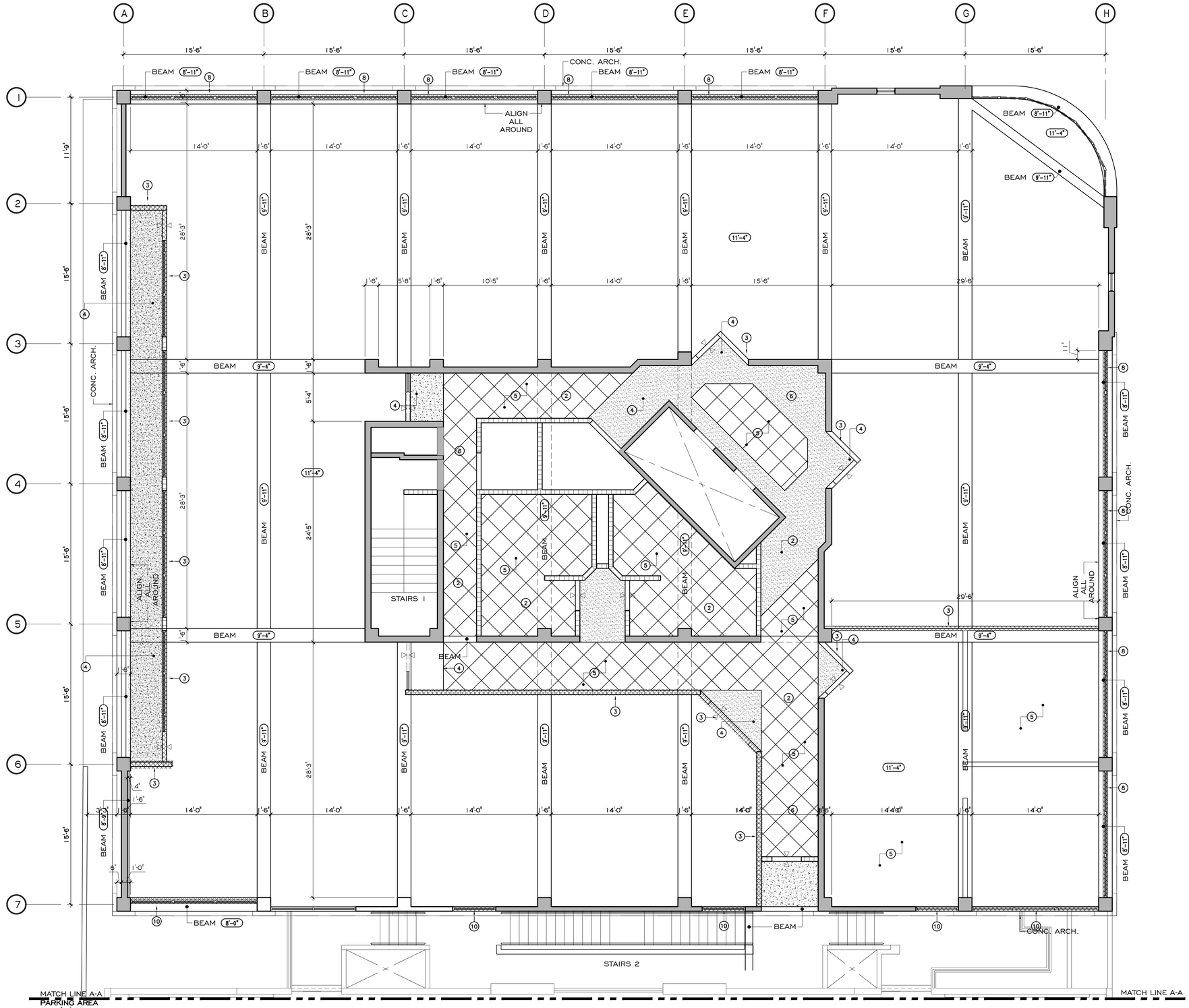
1. EXISTING METAL SUSPENDED CEILING TO BE REMOVED.
2. EXISTING LIGHTING FIXTURE TO BE REMOVED.
3. EXISTING WALL TO BE REMOVED OR DEMOLISHED.
4. EXISTING GYPSUM BOARD OR DURO-ROCK CEILING TO BE REMOVED.
5. EXISTING SUSPENDED CEILING TO BE REMOVED.
6. A/C SYSTEM CEILING CASSETTE TO BE REMOVED.
7. EXISTING ROLL UP DOOR TO BE REMOVED.
8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
9. EXISTING SMOKE SENSORS TO BE REMOVED.
10. EXISTING WINDOW TO BE REMOVED.
11. GLASS WALL PARTITION TO BE REMOVED.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- ⓪ DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



N W E S

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

0' 5' 10' 20' 30'

EXISTING & DEMOLITION REFLECTIVE CEILING PLAN - SIXTH LEVEL

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
(ANTONIO BERSOZA ZAZ, LIC. # 7,530)

MARK	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
SIXTH LEVEL FLOOR PLAN

DRAWING NUMBER
X-6.60

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

DEMOLITION WORK DESCRIPTION:

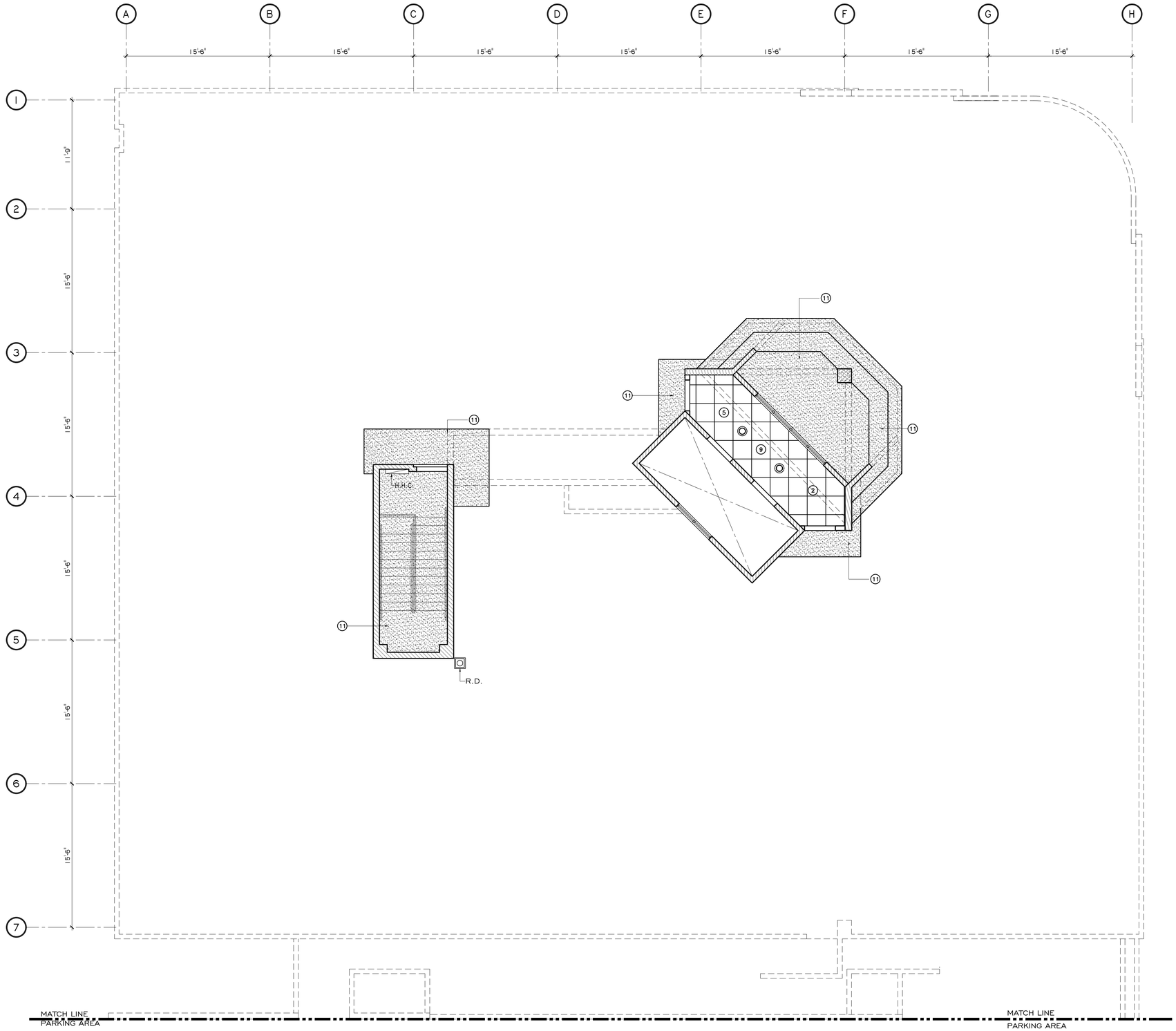
1. EXISTING METAL SUSPENDED CEILING TO BE REMOVED.
2. EXISTING LIGHTING FIXTURE TO BE REMOVED.
3. EXISTING WALL TO BE REMOVED OR DEMOLISHED.
4. EXISTING GYPSUM BOARD OR DURO-ROCK CEILING TO BE REMOVED.
5. EXISTING SUSPENDED CEILING TO BE REMOVED.
6. A/C SYSTEM CEILING CASSETTE TO BE REMOVED.
7. EXISTING ROLL UP DOOR TO BE REMOVED.
8. EXISTING ALUMINUM & GLASS STOREFRONT TO BE REMOVED.
9. EXISTING SMOKE SENSORS TO BE REMOVED.
10. EXISTING WINDOW TO BE REMOVED.
11. GLASS WALL PARTITION TO BE REMOVED.

IMPORTANT NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING WATER GATES, OR PIPES THAT ARE NOT IN USE AT WALLS AND FLOORS THAT MUST BE TAPPED AND EMBEDDED TO MATCH FLUSH SURFACE.
2. CONTRACTOR SHALL EMPLOY ADEQUATE METHODS AND MATERIAL IN ORDER TO PROTECT FROM DAMAGE THE EXTERIOR & INTERIOR OF THE STRUCTURE WHEN MACHINERY/EQUIPMENT IS USED DURING THE DEMOLITION.
3. ALL DEMOLITION ON EXISTING WALLS AND SLABS, SHALL BE REALIZED WITH A PREVIOUS CUTS WITH A CARBORUNDUM SAW CUT, BEFORE ANY HAMMER ACTION WALLS SHALL BE CUT BY BOTH FACES WITH AT LEAST 2" CUTTING DEEP. AFTER THAT USE A "LOW" IMPACT HAMMER DRILL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING ELECTRICAL RECEPTACLES THAT ARE NOT IN USE AT WALLS AND FLOORS OR OUT OF CODE COMPLIANCE THAT MUST BE REMOVED AND SEALED TO MATCH FLUSH SURFACE.
5. ALL EXISTING BATHROOM ACCESSORIES TO BE REMOVED

DEMOLITION LEGEND:

- (0) DEMOLITION NOTE NUMBER.
- EXISTING ELEMENT OR DEVICE TO BE DEMOLISHED AND OR REMOVED.
- EXISTING WALL TO REMAIN.



N
W
E
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EXISTING REFLECTIVE CEILING PLAN - ROOF LEVEL

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

0' 5' 10' 20' 30'

ROOF AREA= 10,126.743 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E-MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaluz Ltd. # 1,230

NUM	DESCRIPTION	BY	DATE

REVISIONS

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DRAWING NUMBER: X-6.70

DRAWING NAME: CONSTRCUTION PHASE
EXISTING & DEMOLITION REFLECTED CEILING PLAN
ROOF LEVEL

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD
NUEVO EDIFICIO 911

PROJECT NO.

#1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

OF

SYMBOLS

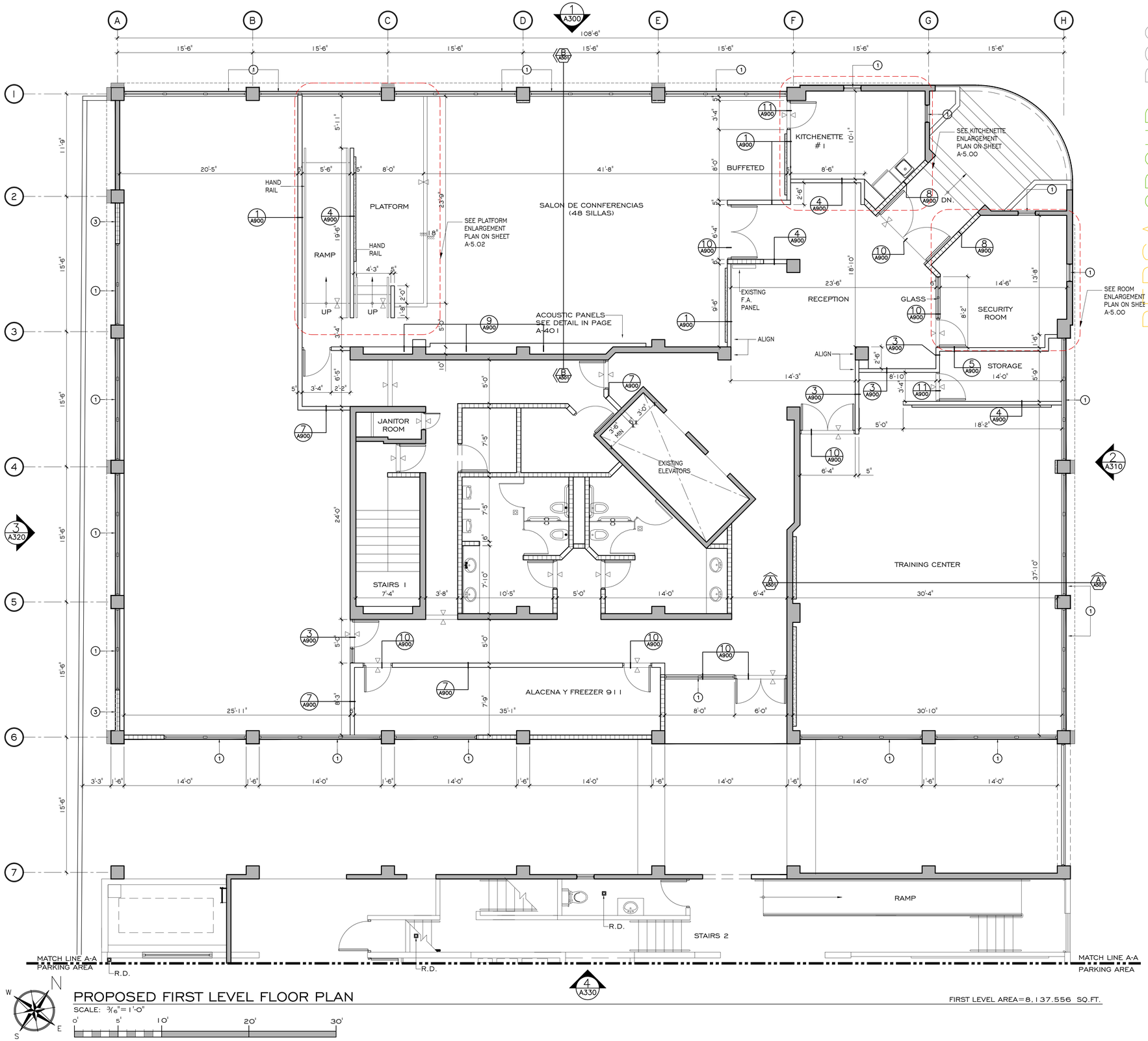
- REINFORCED CONCRETE WALL
- EXISTING CONCRETE OR CONCRETE BLOCK WALLS
- EXISTING CONCRETE BEAM
- 4", 6" OR 8" CONCRETE MASONRY UNITS (C.M.U.) WALL BOTH SIDE W/CEMENT PLASTER FINISH OR AS NOTED
- 2" INSULATED DRYWALL GYPSUM BOARD WALL
- GYPSUM BOARD WALL
- LOW WALLS OR PARAPET
- 1 / A100 — ELEVATION NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- A / A100 — BUILDING SECTION LETTER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 W.S. — WALL SECTION NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 — DETAIL NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- SG / 1 — STEEL GATE / IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
- 100.00 — ELEVATION IN METERS
- 8'-0" — CEILING HEIGHT
- 2'-0" X 2'-0" OR 2'-0" X 4'-0" ACOUSTICAL TILE CEILING
- EXISTING / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- EXISTING / EXISTING — CHANGE OF FINISH MATERIAL
- NEW / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- 2" — CHANGE IN LEVEL
- FD — FLOOR DRAIN

ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
A.F.F.	ABOVE FINISH FLOOR
F.D.	FIELD DIMENSION
R.D.	ROOF DRAIN
R.L.	RAIN LEADER
℄	CENTER LINE
O.C.	ON CENTER
EQ.	EQUAL SPACE
E.F.	EXHAUST FAN
C.J.	CONSTRUCTION JOINT
E.J.	EXPANSION JOINT
WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

FLOOR PLANS IMPORTANT NOTES:

1. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAWNEER TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" COOL G-S ON CLEAR & GRAY.
2. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAWNEER TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.
3. NEW REINFORCED CONCRETE BLOCK 6".
4. NEW REINFORCED "DRY YIY" SYSTEM WALL.



PROPOSED FIRST LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

FIRST LEVEL AREA=8,137.556 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-0583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersacola Paz, Lic. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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PROJECT NAME:
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL FLOOR PLAN

DRAWING NUMBER:
A-2.00

OF

SYMBOLS

- REINFORCED CONCRETE WALL
- EXISTING CONCRETE OR CONCRETE BLOCK WALLS
- EXISTING CONCRETE BEAM
- 4", 6" OR 8" CONCRETE MASONRY UNITS (C.M.U.) WALL BOTH SIDE W/CEMENT PLASTER FINISH OR AS NOTED
- 2" INSULATED DRYWALL GYPSUM BOARD WALL
- GYPSUM BOARD WALL
- LOW WALLS OR PARAPET
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- 1 / A100 W.S. — WALL SECTION NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 — DETAIL NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- SG 1 — STEEL GATE; IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
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ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
A.F.F.	ABOVE FINISH FLOOR
F.D.	FIELD DIMENSION
R.D.	ROOF DRAIN
R.L.	RAIN LEADER
℄	CENTER LINE
O.C.	ON CENTER
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C.J.	CONSTRUCTION JOINT
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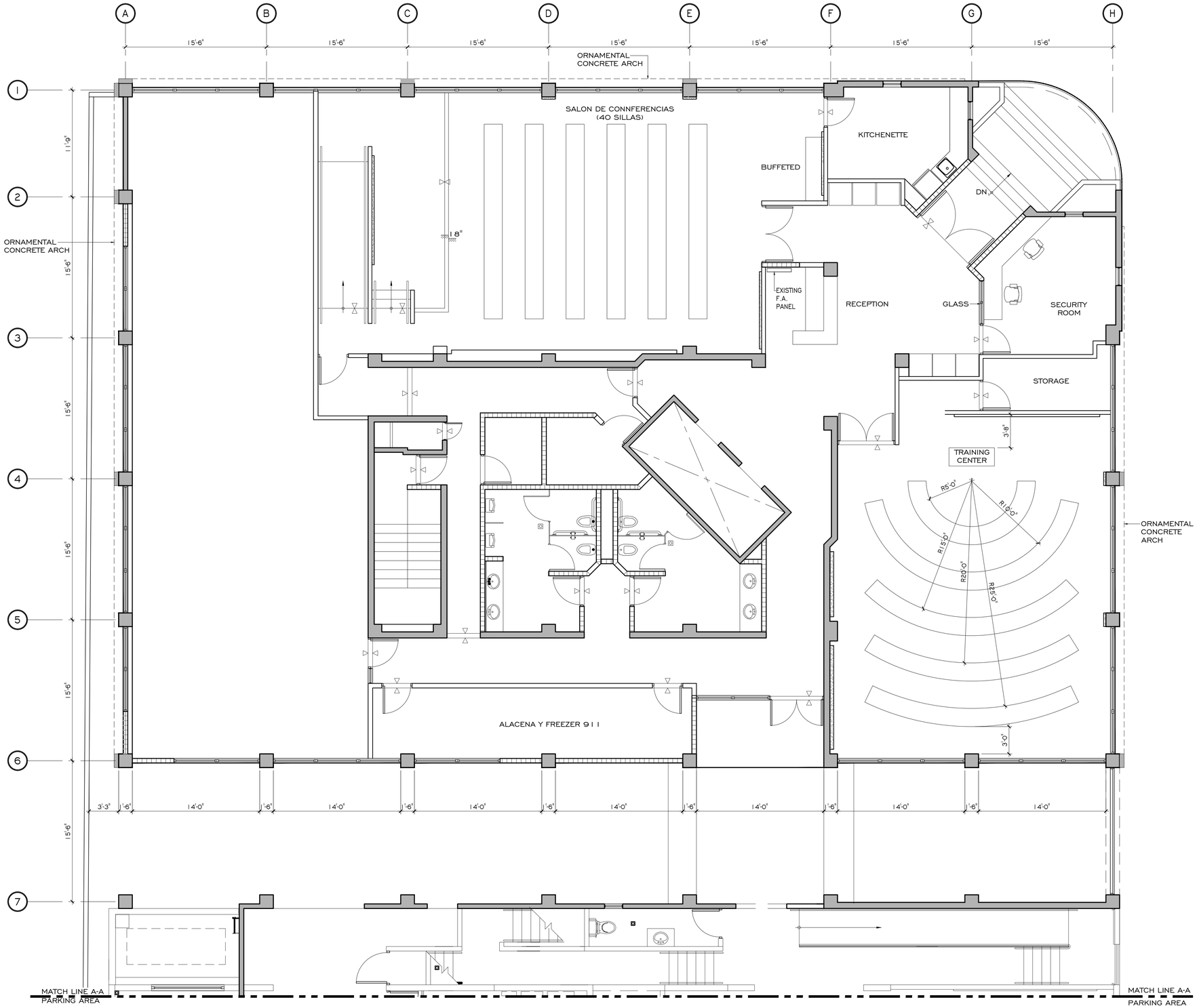

N W E S

PROPOSED FIRST LEVEL - FURNITURE PLAN

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

0' 5' 10' 20' 30'

FIRST LEVEL AREA=8,137.556 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL
FURNITURE PLAN

DRAWING NUMBER
A-2.00_FR

OF

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SYMBOLS

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- 2" — CHANGE IN LEVEL
- FD / FD — FLOOR DRAIN

ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
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FLOOR PLANS IMPORTANT NOTES:

1. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAWNEER TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" COOL G-S ON CLEAR & GRAY.
2. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAWNEER TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.
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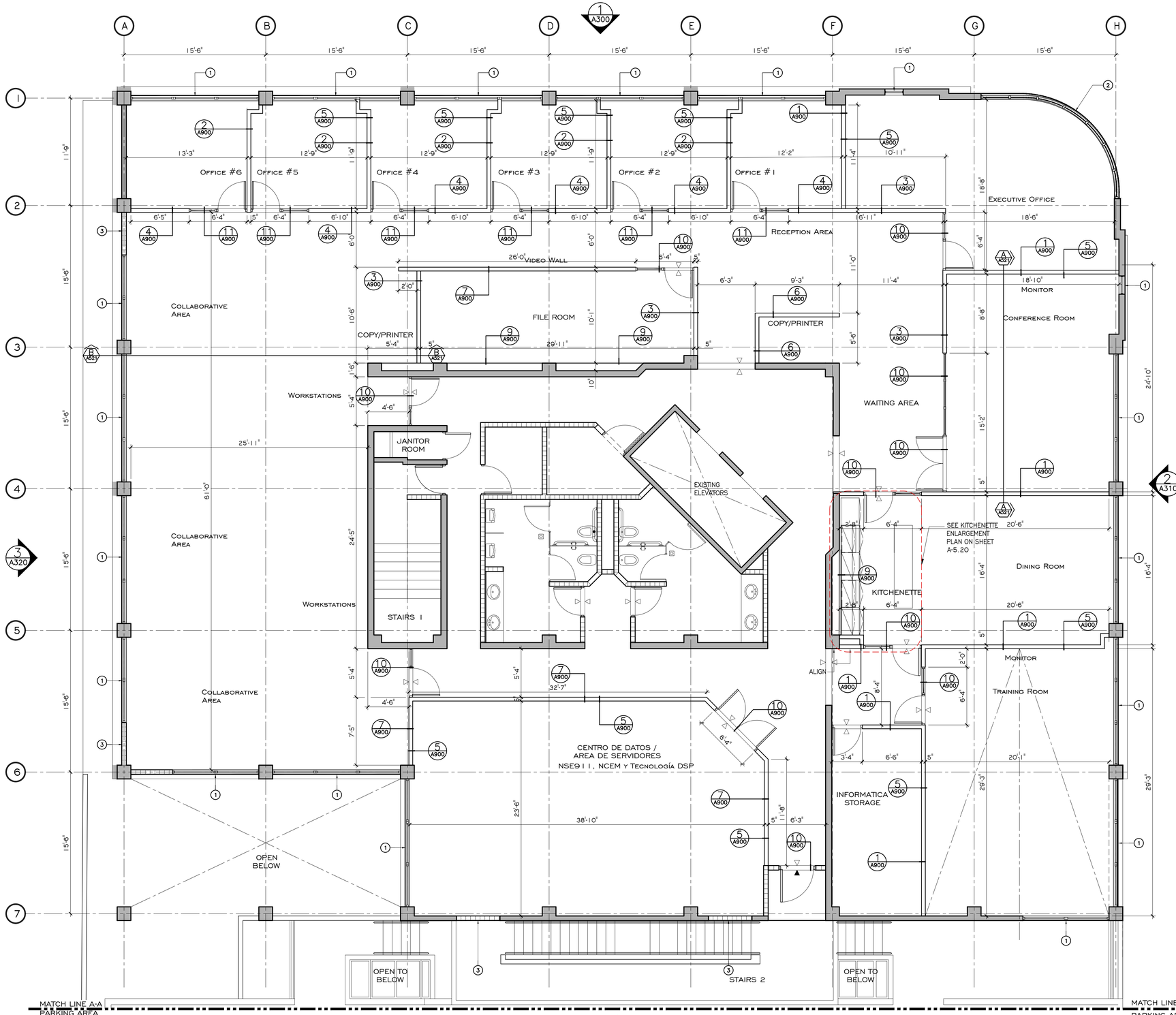

N W E S

PROPOSED SECOND LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

SECOND LEVEL AREA=9,357.646 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquín Bersacco Paz Lic. # 2,301

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León Río Piedras, Puerto Rico, 00926

CONSTRUCTION PHASE
PROPOSED SECOND LEVEL FLOOR PLAN

DRAWING NAME

DRAWING NUMBER
A-2.20

PROJECT NO.

OF

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SYMBOLS

- REINFORCED CONCRETE WALL
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- EXISTING CONCRETE BEAM
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- GYPSUM BOARD WALL
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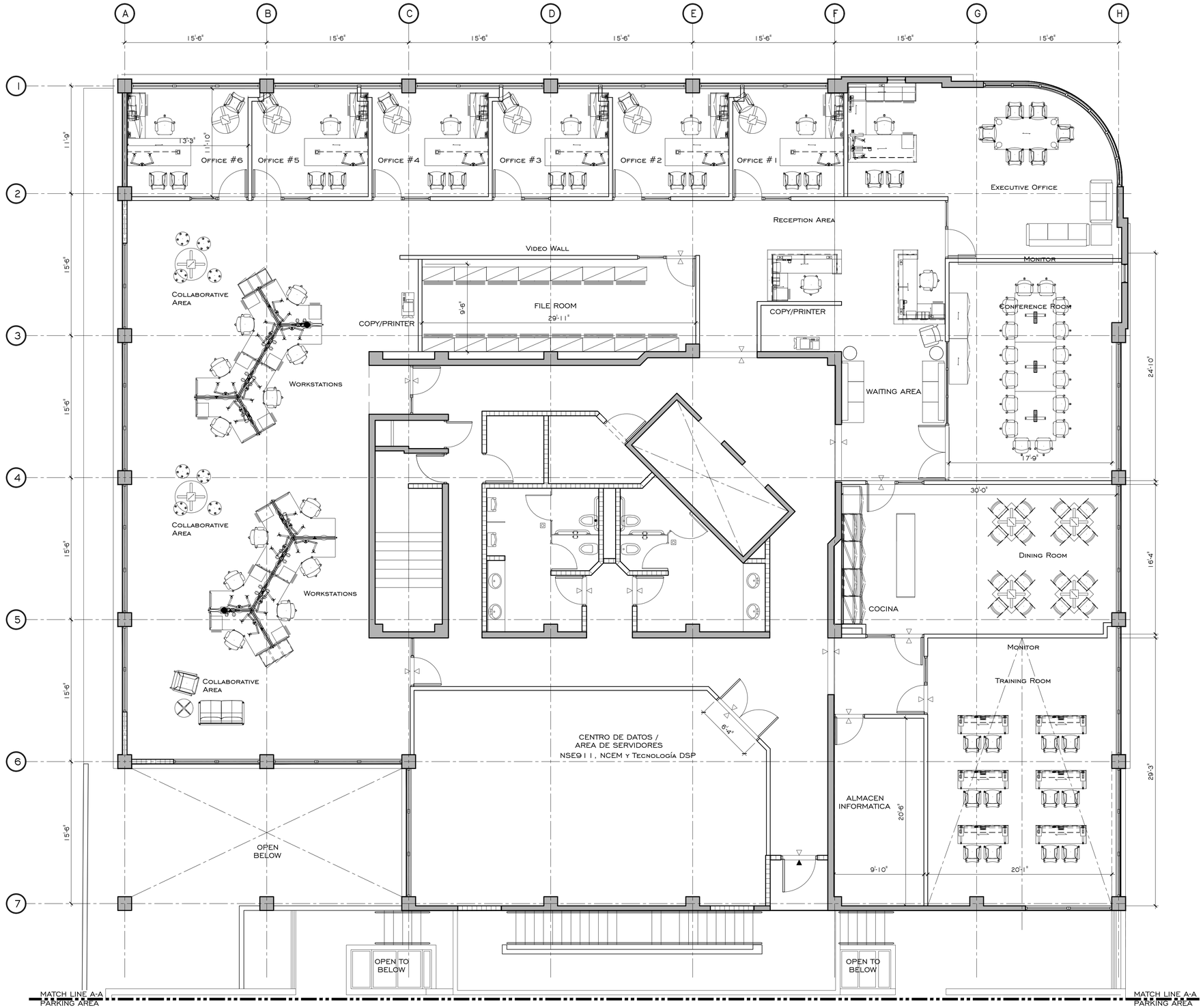
- 1 / A100 — DETAIL NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- SG / 1 — STEEL GATE; IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
- 100.00 — ELEVATION IN METERS
- 8'-0" — CEILING HEIGHT
- 2'-0" X 2'-0" OR 2'-0" X 4'-0" ACOUSTICAL TILE CEILING
- EXISTING / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- EXISTING / EXISTING — CHANGE OF FINISH MATERIAL
- NEW / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- 2" — CHANGE IN LEVEL
- FD / FD — FLOOR DRAIN

ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
A.F.F.	ABOVE FINISH FLOOR
F.D.	FIELD DIMENSION
R.D.	ROOF DRAIN
R.L.	RAIN LEADER
℄	CENTER LINE
O.C.	ON CENTER
EQ.	EQUAL SPACE
E.F.	EXHAUST FAN
C.J.	CONSTRUCTION JOINT
E.J.	EXPANSION JOINT
WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL



PROPOSED SECOND LEVEL - FURNITURE FLOOR PLAN

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

0' 5' 10' 20' 30'

SECOND LEVEL AREA=9,357.646 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersacola Paz Lic. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León Río Piedras, Puerto Rico, 00925

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PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL-
FURNITURE PLAN

DRAWING NUMBER
A-2.20_FR

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

SYMBOLS

- REINFORCED CONCRETE WALL
- EXISTING CONCRETE OR CONCRETE BLOCK WALLS
- EXISTING CONCRETE BEAM
- 4", 6" OR 8" CONCRETE MASONRY UNITS (C.M.U.) WALL BOTH SIDE W/CEMENT PLASTER FINISH OR AS NOTED
- 2" INSULATED DRYWALL GYPSUM BOARD WALL
- GYPSUM BOARD WALL
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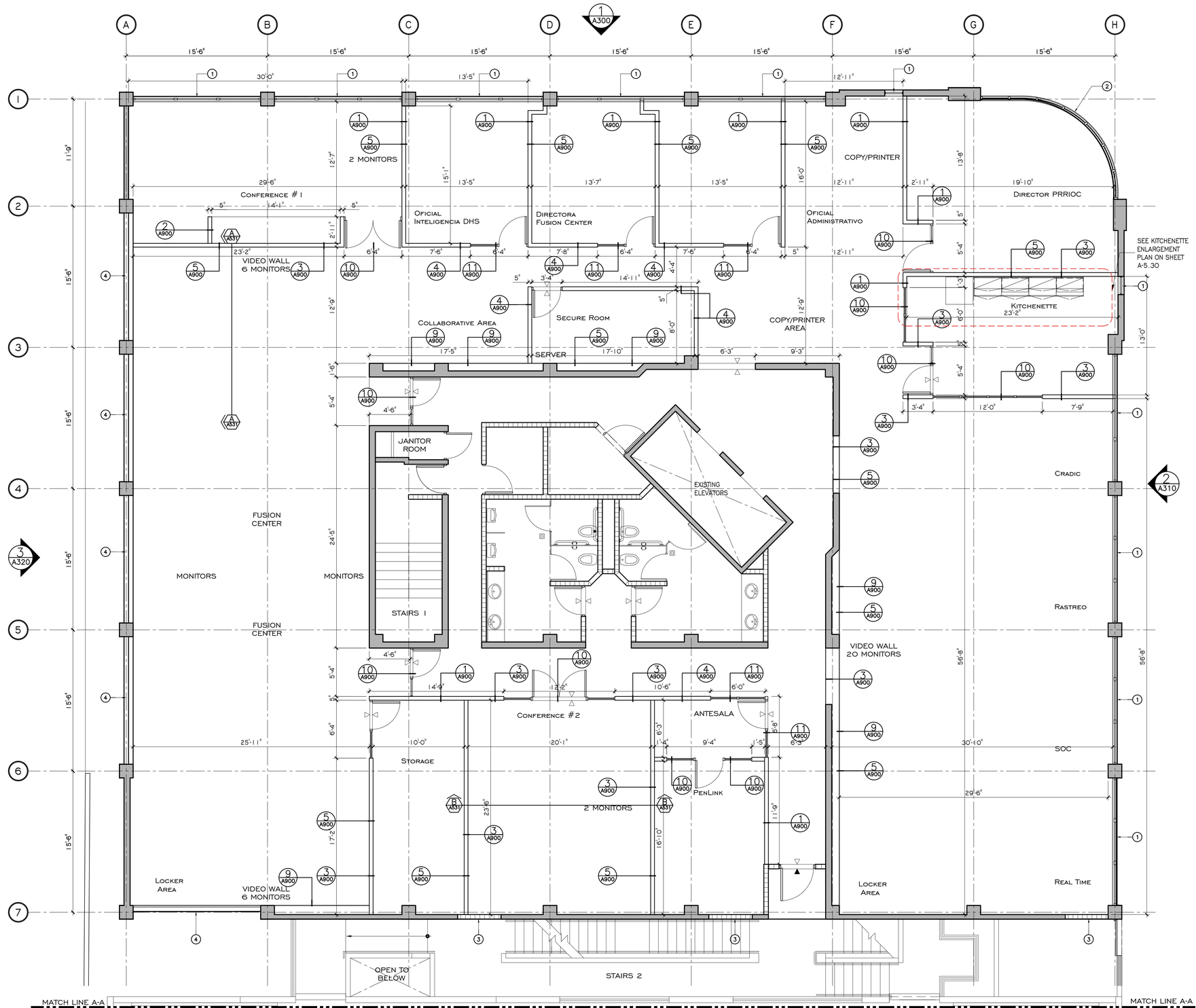
- 1 / A100 — ELEVATION NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- A / A100 — BUILDING SECTION LETTER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 W.S. — WALL SECTION NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 — DETAIL NUMBER IDENTIFICATION; SHEET NUMBER WHERE DETAIL IS DRAWN
- SG / 1 — STEEL GATE; IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
- 100.00 — ELEVATION IN METERS
- 8'-0" — CEILING HEIGHT
- 2'-0" X 2'-0" OR 2'-0" X 4'-0" ACOUSTICAL TILE CEILING
- EXISTING / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- EXISTING / EXISTING — CHANGE OF FINISH MATERIAL
- NEW / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- 2" — CHANGE IN LEVEL
- FD — FLOOR DRAIN

ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
A.F.F.	ABOVE FINISH FLOOR
F.D.	FIELD DIMENSION
R.D.	ROOF DRAIN
R.L.	RAIN LEADER
℄	CENTER LINE
O.C.	ON CENTER
EQ.	EQUAL SPACE
E.F.	EXHAUST FAN
C.J.	CONSTRUCTION JOINT
E.J.	EXPANSION JOINT
WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

FLOOR PLANS IMPORTANT NOTES:

1. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAWNEER TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" COOL G-S ON CLEAR & GRAY.
2. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAWNEER TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.
3. NEW REINFORCED CONCRETE BLOCK 6".
4. NEW REINFORCED "DRY YIY" SYSTEM WALL.



PROPOSED THIRD LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FLOOR PLAN

DRAWING NUMBER
A-2.30
OF

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ABBREVIATIONS

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WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

N W E S

PROPOSED THIRD LEVEL - FURNITURE FLOOR PLAN

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

0' 5' 10' 20' 30'

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
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NUM.	DESCRIPTION	BY	DATE

REVISIONS

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DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
15-47 Ave. Franck at Lcda. Rio Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL
FURNITURE PLAN

DRAWING NUMBER
A-2.30_FR

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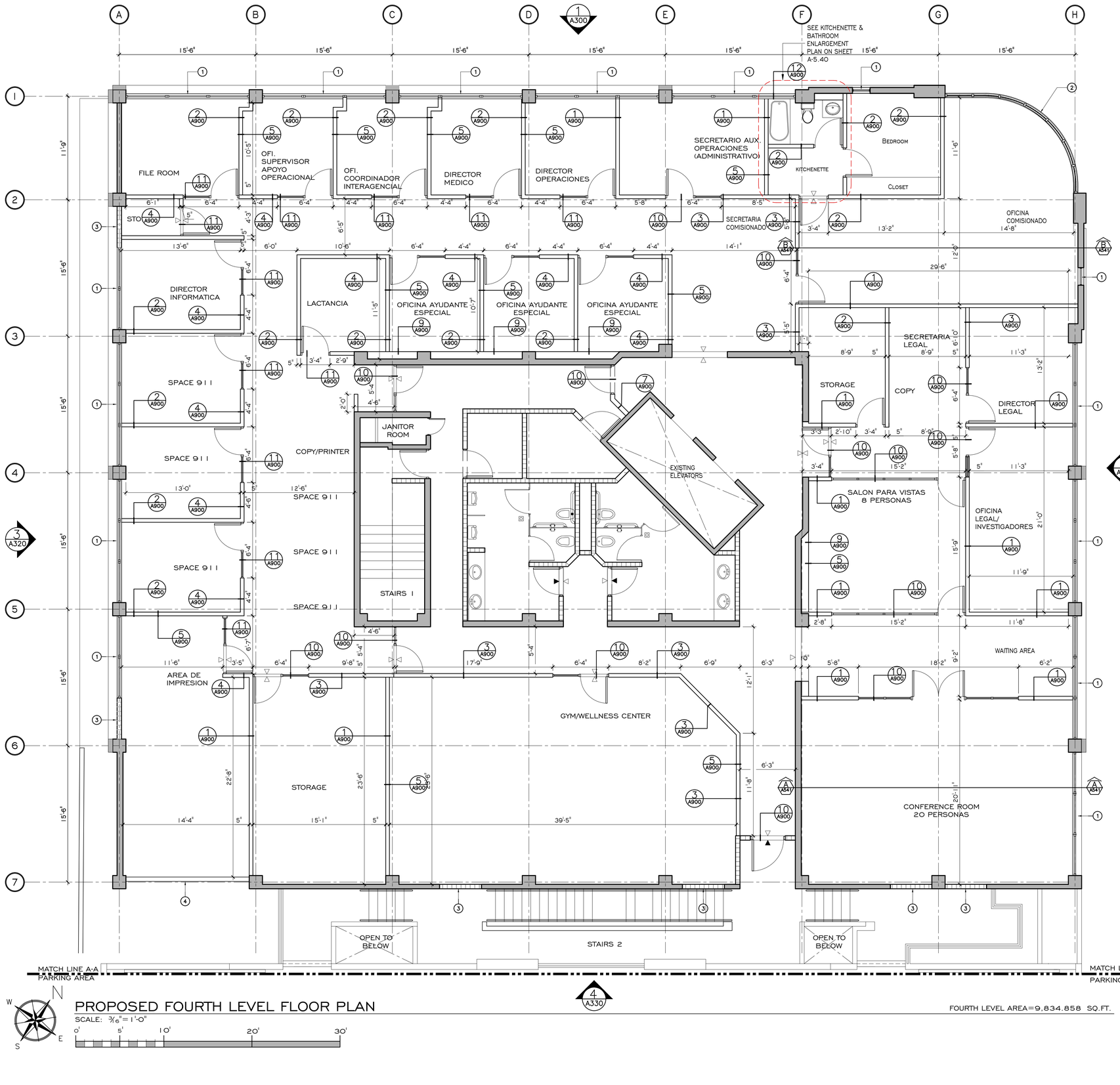

PROPOSED FOURTH LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

FOURTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 12,301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

11,547 Ave. Ponce de León Río Piedras, Puerto Rico, 00925

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL FLOOR PLAN

DRAWING NUMBER
A-2.40

OF

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M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

N
W
E
S

PROPOSED FOURTH LEVEL - FURNITURE PLAN

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

0' 5' 10' 20' 30'

FOURTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL - FURNITURE PLAN

DRAWING NUMBER
A-2.40_FR

OF

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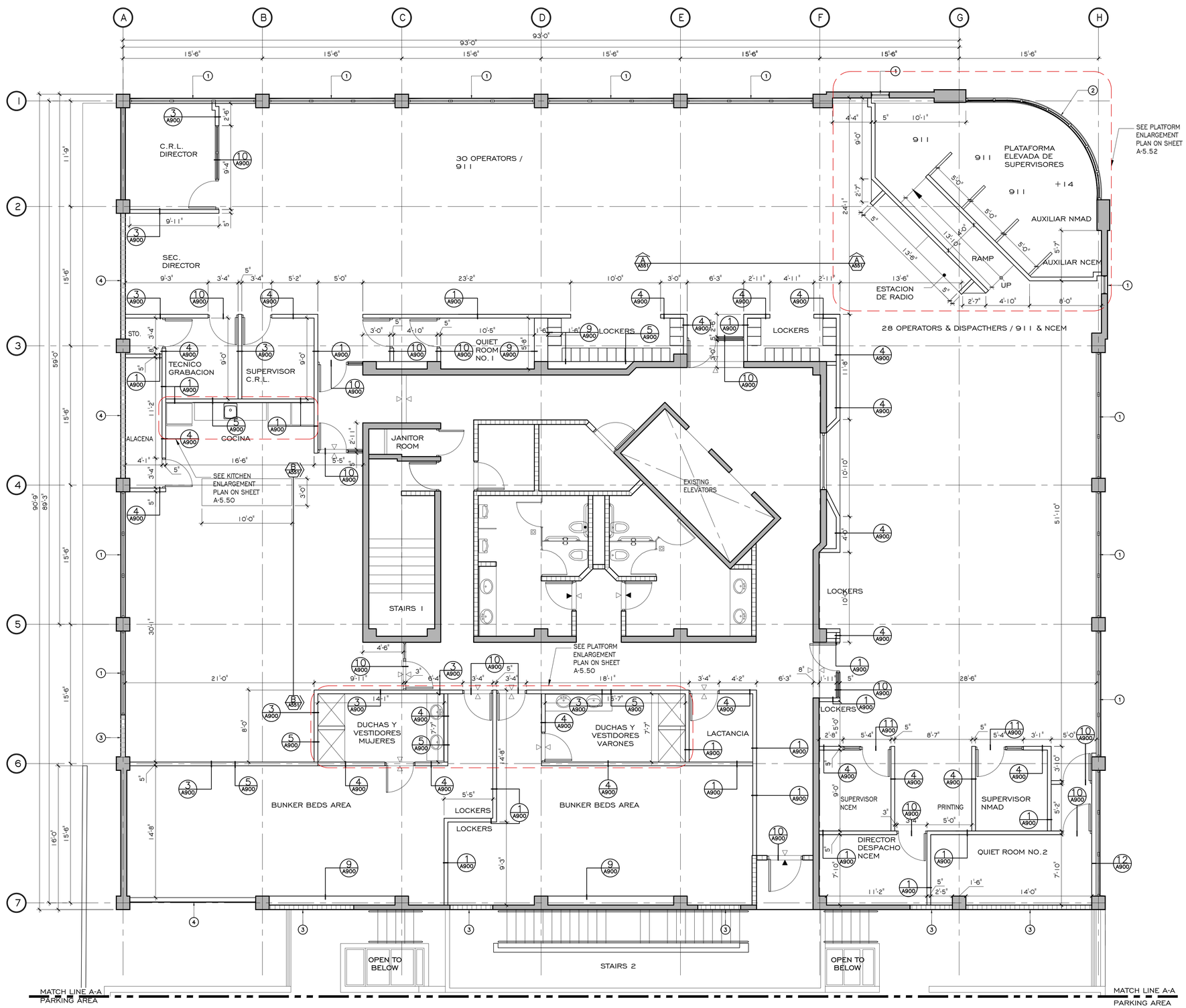

PROPOSED FIFTH LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

FIFTH LEVEL AREA=9,834.858 SQ.FT.

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NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de Leon, Rio Piedras, Puerto Rico, 00926

CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL FLOOR PLAN

DRAWING NUMBER
A-2.50

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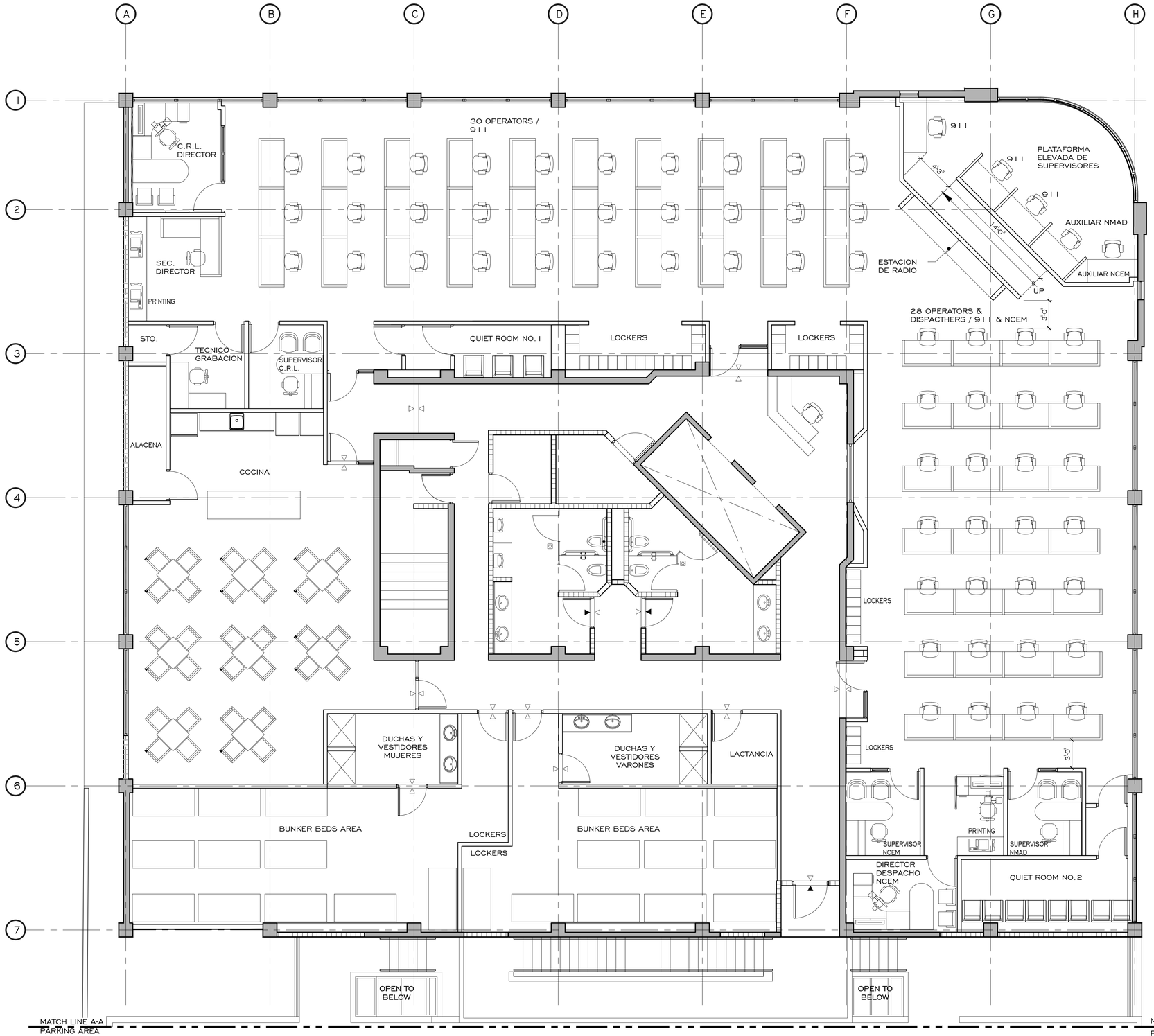

PROPOSED FIFTH LEVEL - FURNITURE PLAN

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

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NUM.	REVISIONS DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL - FURNITURE PLAN

DRAWING NUMBER
A-2.50_FR

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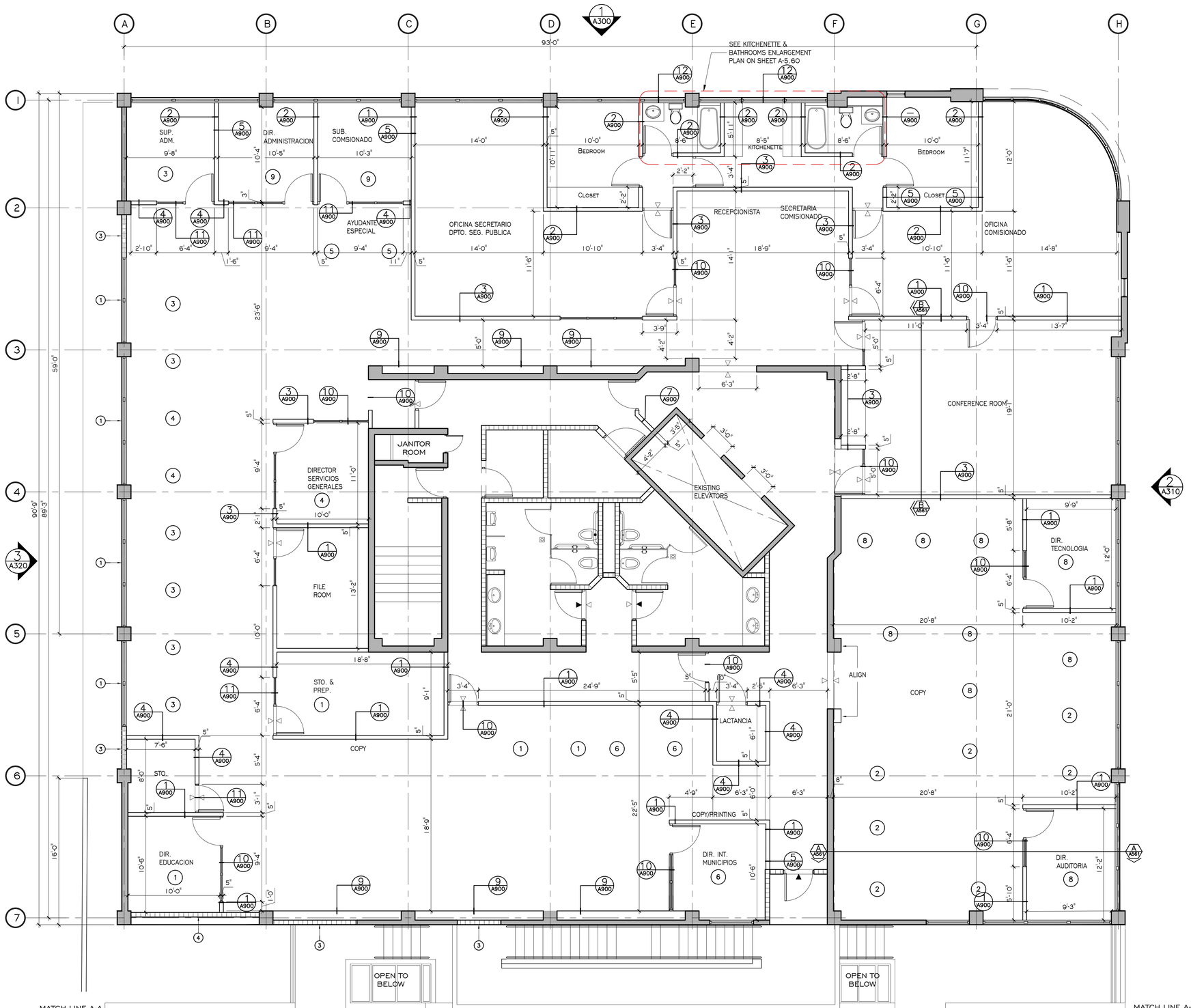
- SG / 1 — STEEL GATE; IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
- 100.00 — ELEVATION IN METERS
- 8'-0" — CEILING HEIGHT
- 2'-0" X 2'-0" OR 2'-0" X 4'-0" ACOUSTICAL TILE CEILING
- EXISTING / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- EXISTING / EXISTING — CHANGE OF FINISH MATERIAL
- NEW / NEW — CHANGE OF FINISH DESIGNATION W/ THRESHOLD
- 2" — CHANGE IN LEVEL
- FD / FD — FLOOR DRAIN

ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
C.P.F.	CEMENT PLASTER FINISH
R.C.F.	RUBBED CONCRETE FINISH
N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
A.F.F.	ABOVE FINISH FLOOR
F.D.	FIELD DIMENSION
R.D.	ROOF DRAIN
R.L.	RAIN LEADER
℄	CENTER LINE
O.C.	ON CENTER
EQ.	EQUAL SPACE
E.F.	EXHAUST FAN
C.J.	CONSTRUCTION JOINT
E.J.	EXPANSION JOINT
WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

FLOOR PLANS IMPORTANT NOTES:

1. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAWNEER TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" COOL G-S ON CLEAR & GRAY.
2. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAWNEER TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.
3. NEW REINFORCED CONCRETE BLOCK 6".
4. NEW REINFORCED "DRY YIY" SYSTEM WALL.



PROPOSED SIXTH LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGO PAZ LIC. # 2,301

NUM. | DESCRIPTION | BY | DATE
REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1,547 Ave. Ponce de León Río Piedras, Puerto Rico. 00925

CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL FLOOR PLAN

DRAWING NUMBER
A-2.60

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

SYMBOLS

- REINFORCED CONCRETE WALL
- EXISTING CONCRETE OR CONCRETE BLOCK WALLS
- EXISTING CONCRETE BEAM
- 4", 6" OR 8" CONCRETE MASONRY UNITS (C.M.U.) WALL BOTH SIDE W/CEMENT PLASTER FINISH OR AS NOTED
- 2" INSULATED DRYWALL GYPSUM BOARD WALL
- GYPSUM BOARD WALL
- LOW WALLS OR PARAPET
- 1 / A100 — ELEVATION NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- A / A100 — BUILDING SECTION LETTER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 W.S. — WALL SECTION NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- 1 / A100 — DETAIL NUMBER IDENTIFICATION / SHEET NUMBER WHERE DETAIL IS DRAWN
- SG 1 — STEEL GATE / IDENTIFICATION NO.
- 1 — DOOR IDENTIFICATION
- E — EXISTING DOOR IDENTIFICATION
- A — AXIS ID
- A — OFFICE FRONT IDENTIFICATION
- 100 — SPACE NO. IDENTIFICATION
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ABBREVIATIONS

A.A.	ALL AROUND
F.F.E.	FINISH FLOOR ELEVATION
S.C.P.	SMOOTH CEMENT PLASTER
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℄	CENTER LINE
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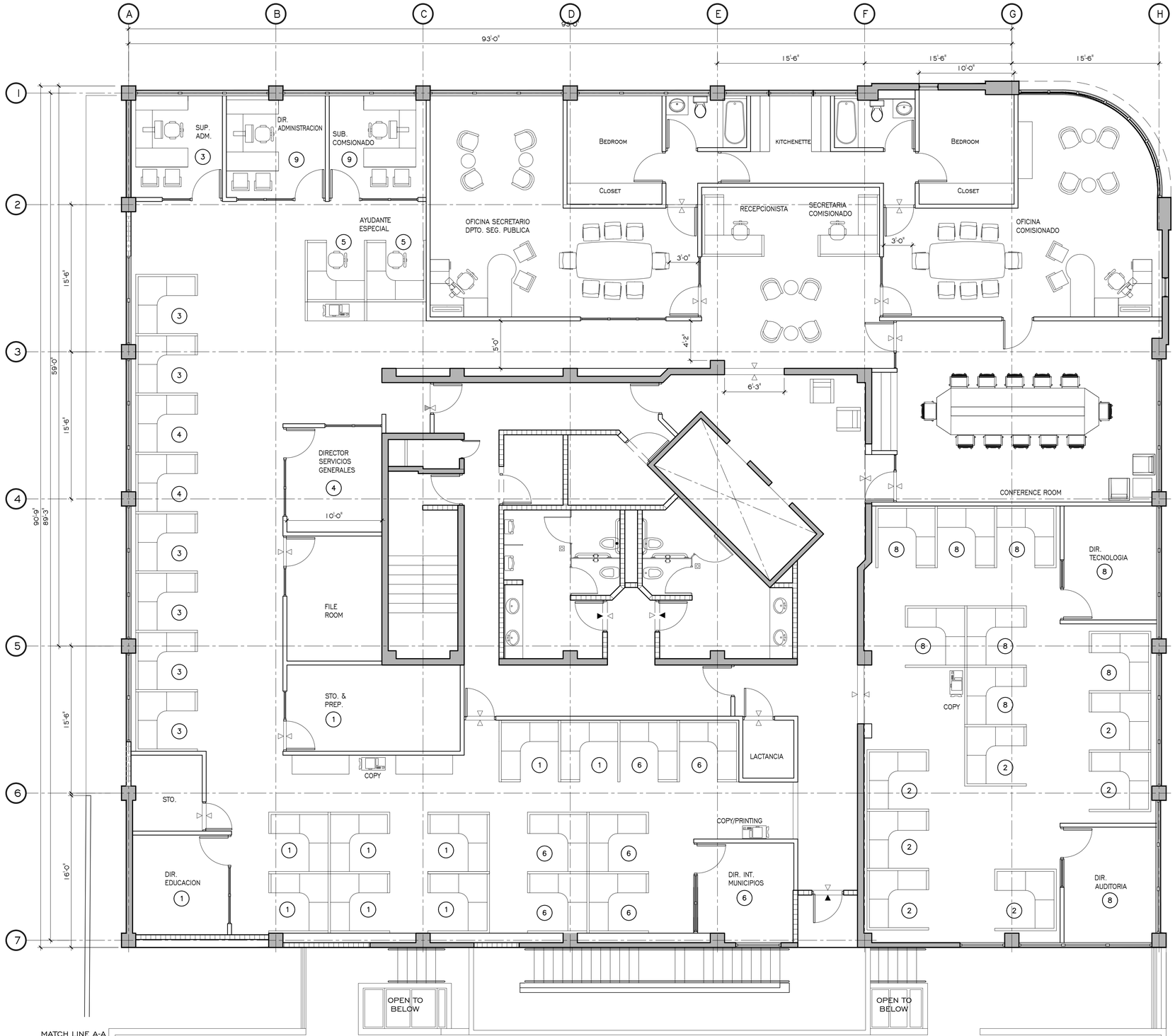
EQ.	EQUAL SPACE
E.F.	EXHAUST FAN
C.J.	CONSTRUCTION JOINT
E.J.	EXPANSION JOINT
WH	WATER HEATER
M.S.	5/8" MARMOLITE THRESHOLD SADDLE
W.S.	WALL SECTION
TYP.	TYPICAL

DESCRIPTION AREA:

1. DTO. EDUCACION Y COMUNICACIONES
2. DTO. AUDITORIA
3. ADMINISTRACION
4. SERVICIOS GENETRALES
5. PRESUPUESTO Y FINANZAS
6. CONTROL DE CALIDAD DE INTEGRACION DE MUNICIPIO
7. CENTRO DE LLAMADAS
8. DIRECTOR DE TECNOLOGIA
9. SUB COMISIONADO



PROPOSED SIXTH LEVEL - FURNITURE PLAN

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

0' 5' 10' 20' 30'

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGOS PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce De Leon, Rio Piedras, Puerto Rico, 00936

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL-
FURNITURE PLAN

DRAWING NUMBER
A-2.60_FR

PROJECT NO.

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

SYMBOLS

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- EXISTING CONCRETE OR CONCRETE BLOCK WALLS
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ABBREVIATIONS

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N.I.C.	NOT INCLUDED IN CONTRACT
F.F.L.	FINISH FLOOR LEVEL
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WH	WATER HEATER
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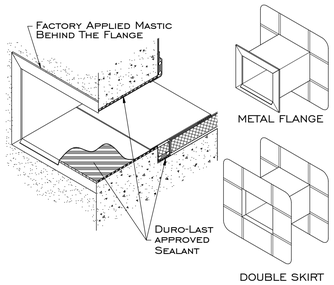
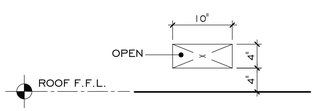
W.S.	WALL SECTION
TYP.	TYPICAL



NOTE 1:
METAL FLANGED SCUPPERS ARE BACK-SEALED USING THE FACTORY SUPPLIED MASTIC BEHIND THE FLANGE.
NOTE 2:
SEALANT MUST BE APPLIED AROUND THE INTERIOR OF THE SCUPPER BEFORE INSTALLING THE SCUPPER LINER.
NOTE 3:
THE APPROPRIATE INTERIOR WALL TERMINATION.

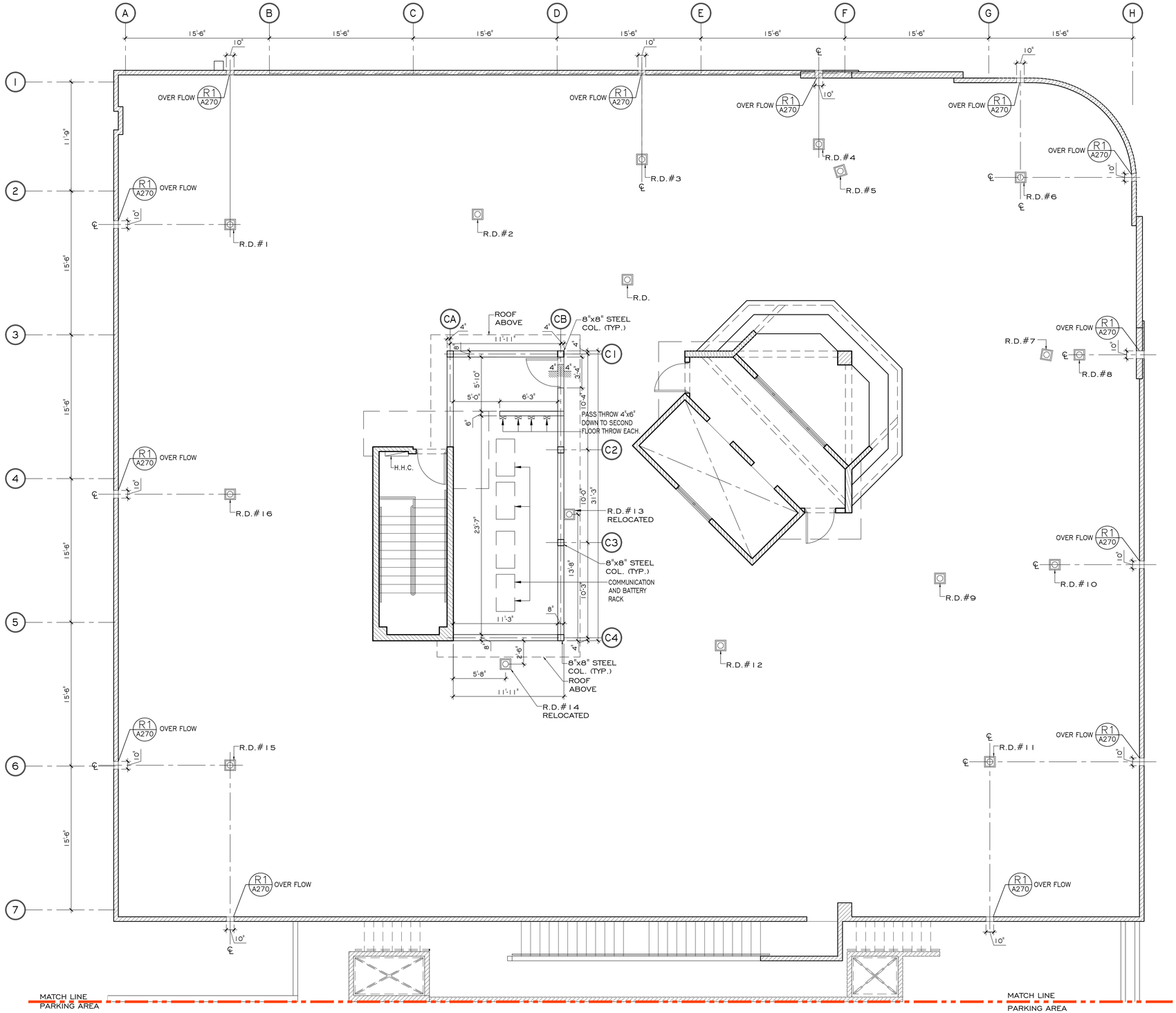
R1 / A270 METAL FLANGE & 2 SKIRT SCUPPER

SCALE : 6" = 1'-0"



OVER FLOW DETAIL

SCALE: 1"=1'-0"



PROPOSED ROOF LEVEL FLOOR PLAN

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

0' 5' 10' 20' 30'

ROOF AREA= 10,126.743 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA_ARQUITECTURA@GMAIL.COM
Jaicob Bersabeh Paz, LIC. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

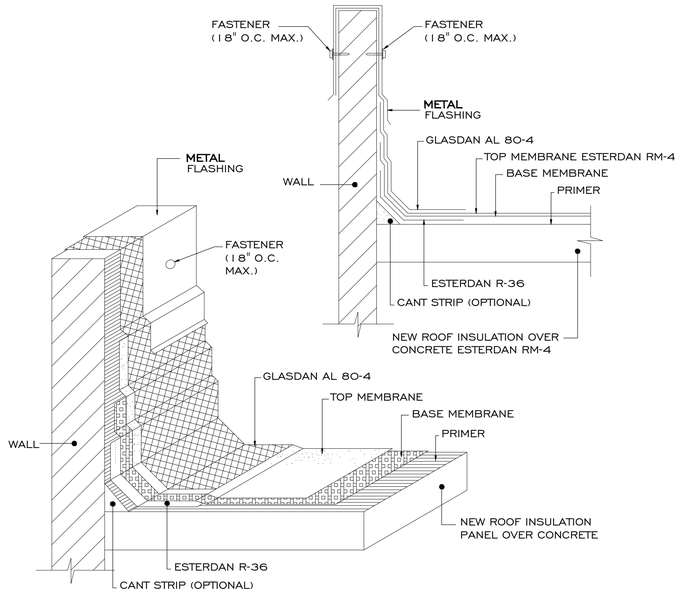
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED ROOF LEVEL PLAN

DRAWING NUMBER
A-2.70_RF

PROJECT NO.
1

THE DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

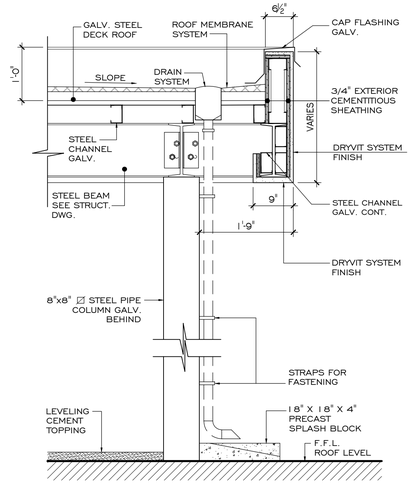


METAL FLASHING TYPICAL DETAIL

NOT TO SCALE

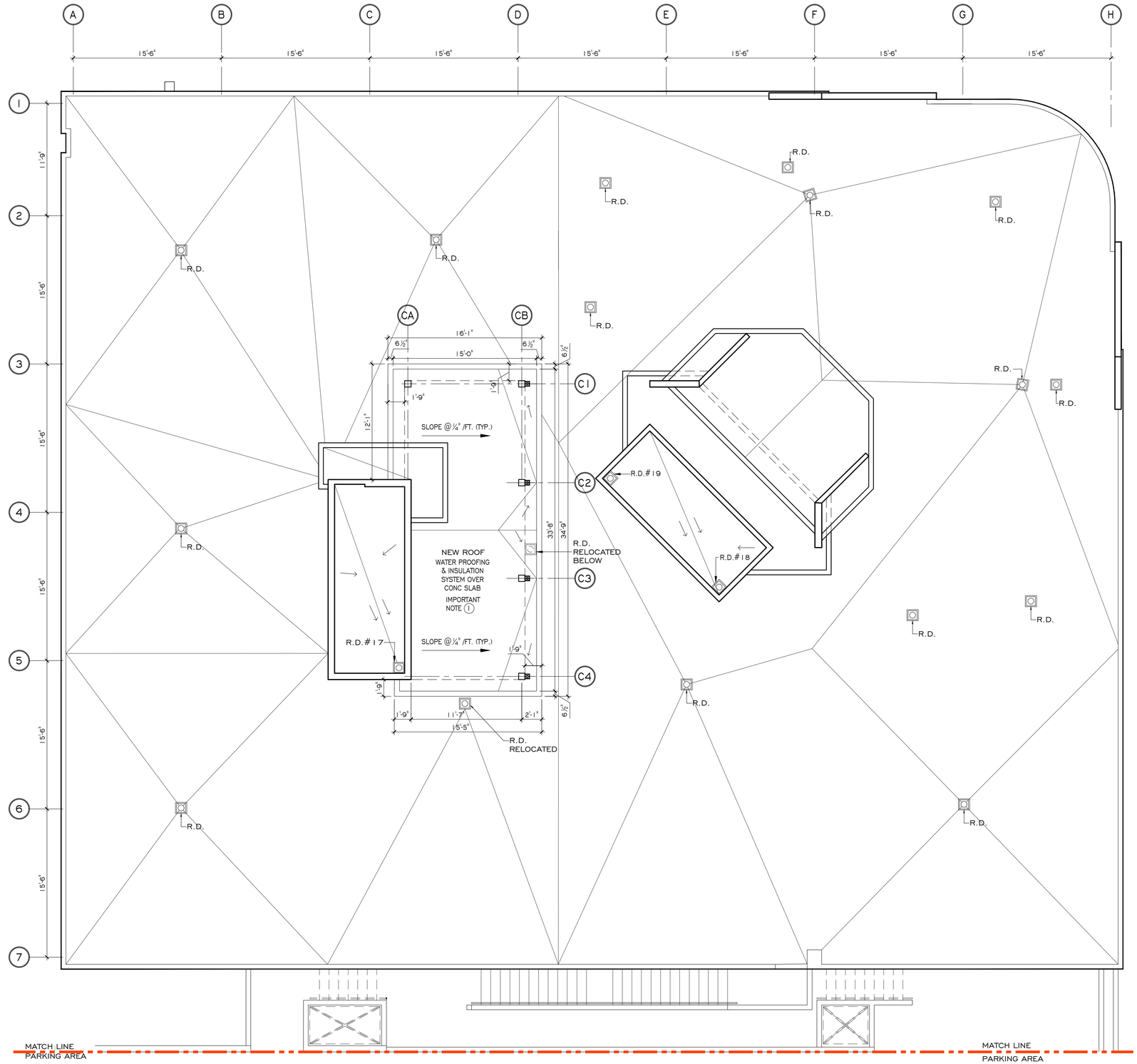
IMPORTANT NOTES:

1. ROOF IMPERMEABILIZATION WITH INSULATION SYSTEM OVER CONCRETE SLAB 2 ½" FOAM INSULATION, 2 PLY ASSEMBLY WITH "BASEDAN II" FIBERGLASS MAT, "ESTERDAN R-36" BASE & "ESTERDAN RM-4" GLASDAM AL80-4 BY DANOSA ROOFING PRODUCTS. 1-866-5DANOSA. WWW.DANOSAPR.COM SEE INSTALLATION DRAWING DETAILS



R1 A275 TYPICAL RAIN LEADER DETAIL

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



PROPOSED ROOF LEVEL PLAN

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

0' 5' 10' 20' 30'

ROOF AREA=10,126.743 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersasco Paz, Lic. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME: CONSTRUCTION PHASE PROPOSED ROOF LEVEL PLAN

DRAWING NUMBER: A-2.75_RF

OF

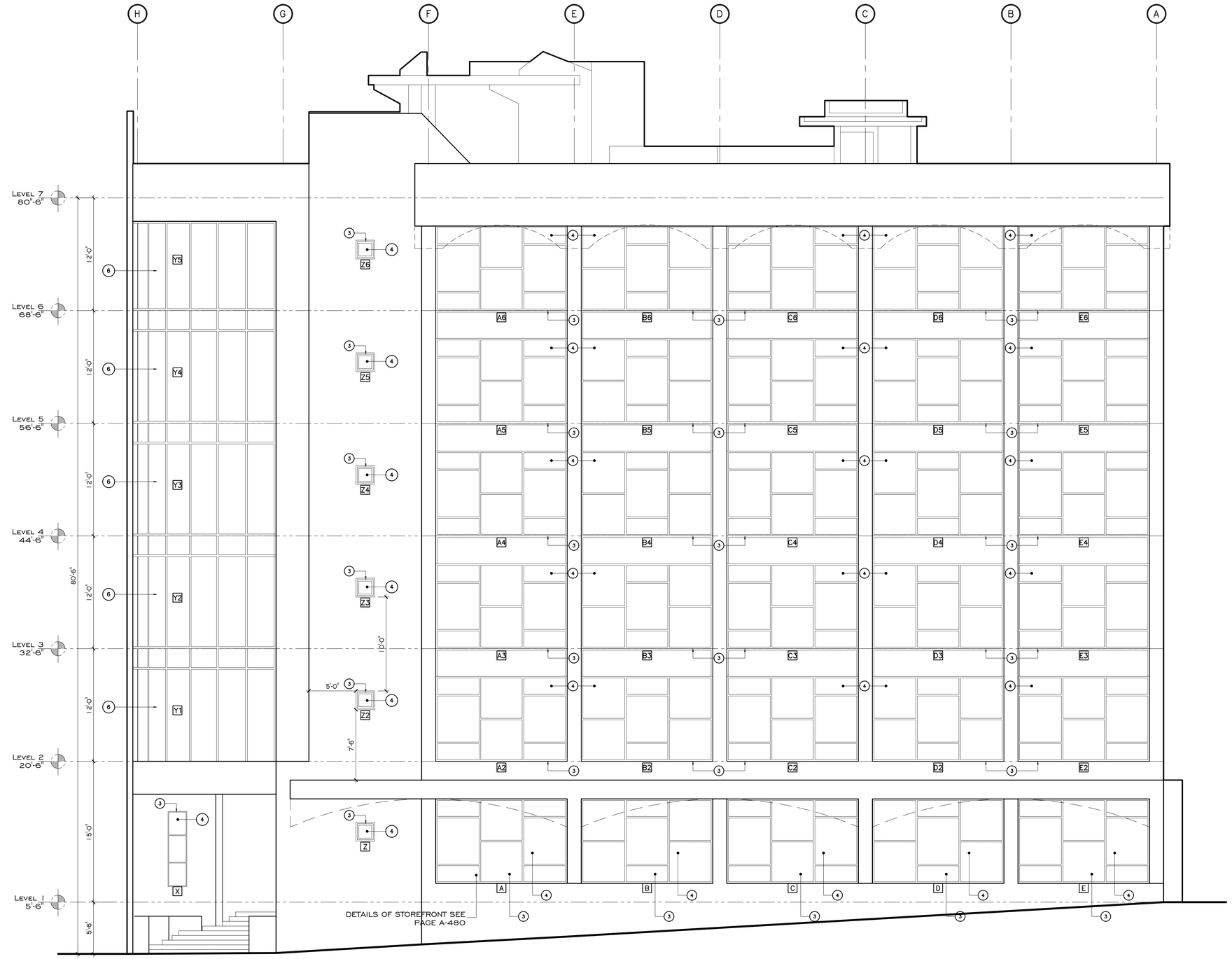
THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

NOTES:

1. NEW 6" REINFORCED CONCRETE BLOCK SEE DETAIL.
2. EXISTING ALUMINUM STORE-FRONT TO BE RELOCATED.
3. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAW NEEL TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" 60L G-S ON CLEAR & GRAY.
4. NEW GLASS ON EXISTING ALUMINUM STORE-FRONT FRAME.
5. EIFS STRUCTURAL SYSTEM WALL.
6. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAW NEEL TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.

IMPORTANT NOTES:

THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.



1 A100

PROPOSED NORTH BUILDING ELEVATION

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
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Joaquin Bersa&co Pa. Lic. #12301

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO O.L.L.

PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED NORTH BUILDING ELEVATION

DRAWING NUMBER
A-3.00

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NOTES:

1. NEW 6" REINFORCED CONCRETE BLOCK SEE DETAIL.
2. EXISTING ALUMINUM STORE-FRONT TO BE RELOCATED.
3. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAW NEEL TO REMAIN WITH NEW GLASS IMPACT RATED 7/16" 60L G-S ON CLEAR & GRAY.
4. NEW GLASS ON EXISTING ALUMINUM STORE-FRONT FRAME.
5. EIFS STRUCTURAL SYSTEM WALL.
6. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAW NEEL TO REMAIN WITH NEW GLASS 5/16" COOL G-S ON CLEAR & GRAY.

IMPORTANT NOTES:

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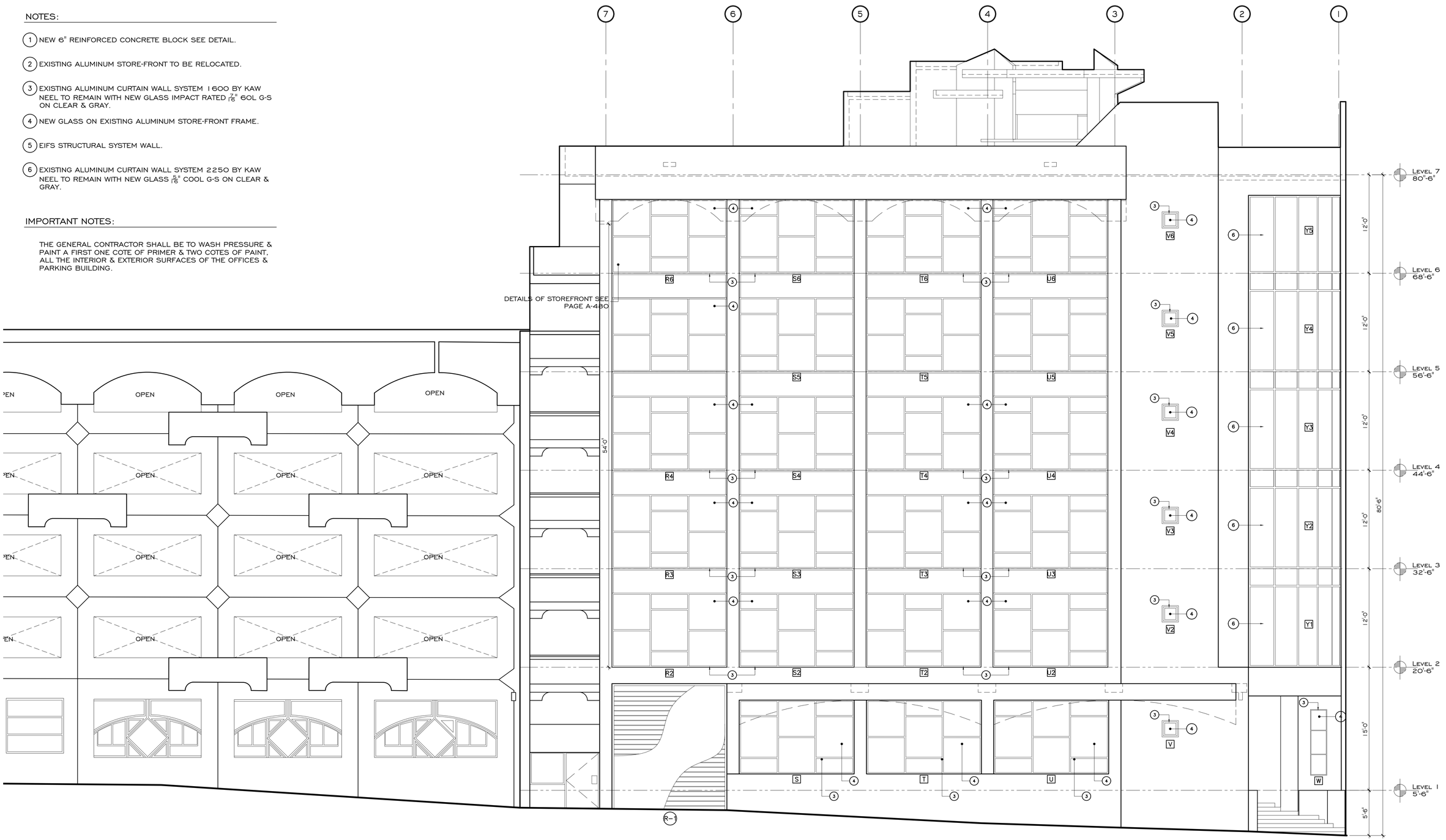

PROPOSED EAST BUILDING ELEVATION

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

0' 5' 10' 20' 30'

BERSA GROUP PSC

400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583

E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersa/Arq Pvt. Lic. #12301

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO O.L.L.

PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED EAST BUILDING ELEVATION

DRAWING NUMBER
A-3.10

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NOTES:

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2. EXISTING ALUMINUM STORE-FRONT TO BE RELOCATED.
3. EXISTING ALUMINUM CURTAIN WALL SYSTEM 1600 BY KAWNEEL TO REMAIN WITH NEW GLASS IMPACT RATED $\frac{7}{16}$" 60L G-S ON CLEAR & GRAY.
4. NEW GLASS ON EXISTING ALUMINUM STORE-FRONT FRAME.
5. EIFS STRUCTURAL SYSTEM WALL.
6. EXISTING ALUMINUM CURTAIN WALL SYSTEM 2250 BY KAWNEEL TO REMAIN WITH NEW GLASS $\frac{7}{16}$" COOL G-S ON CLEAR & GRAY.

IMPORTANT NOTES:

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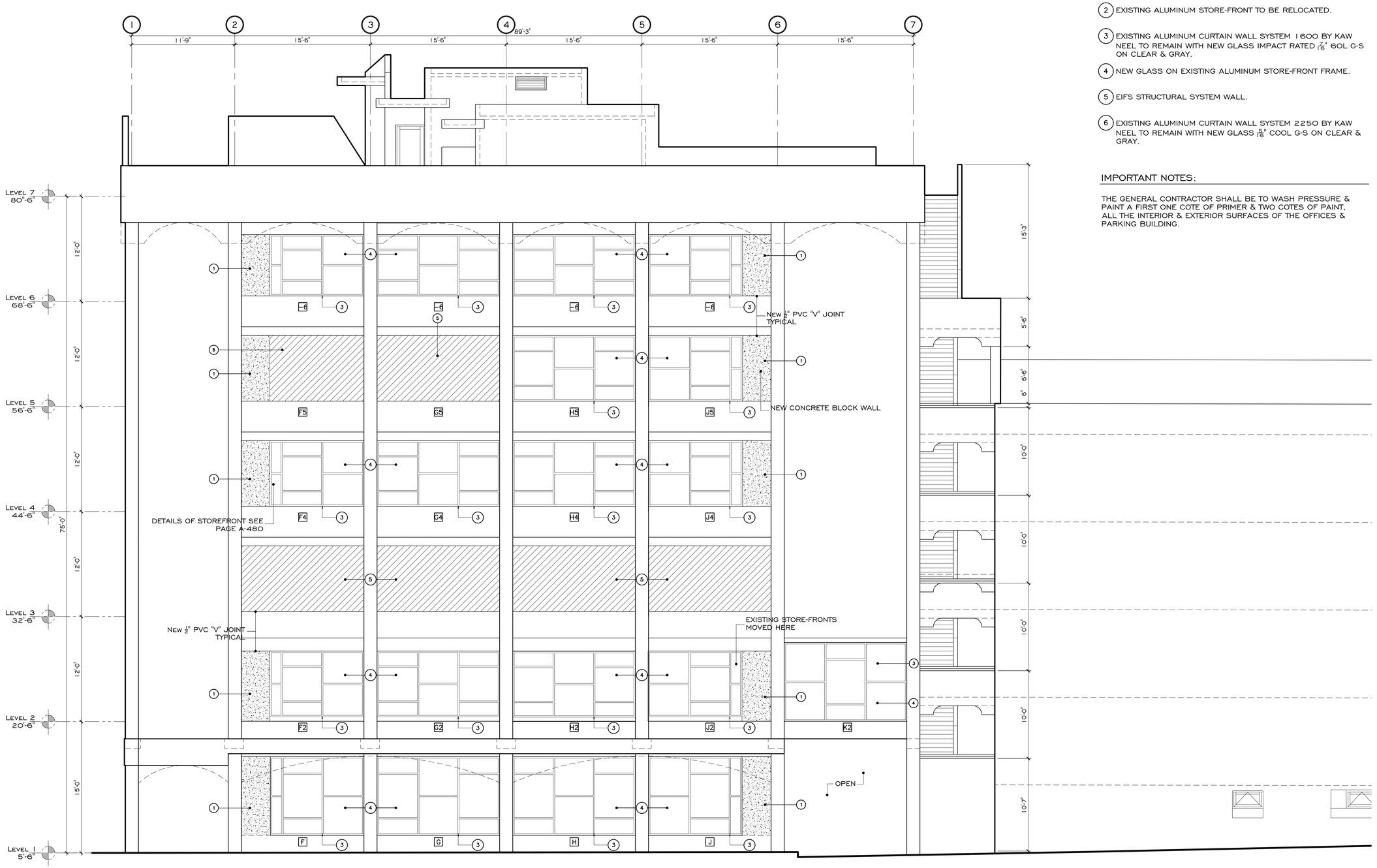

PROPOSED WEST BUILDING ELEVATION

1/A100 SCALE: 3/16"= 1'-0"

0' 5' 10' 20' 30'

BERSA
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaks Paz, LIC. # 13,301

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO

CONSTRUCTION PHASE

DRAWING NAME
PROPOSED WEST BUILDING ELEVATION

DRAWING NUMBER
A-3.20

THE DRAWING REFLECTS THE CONCEPT AND STUDY OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING PROVIDED. IT REMAINS THE PROPERTY OF THE OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

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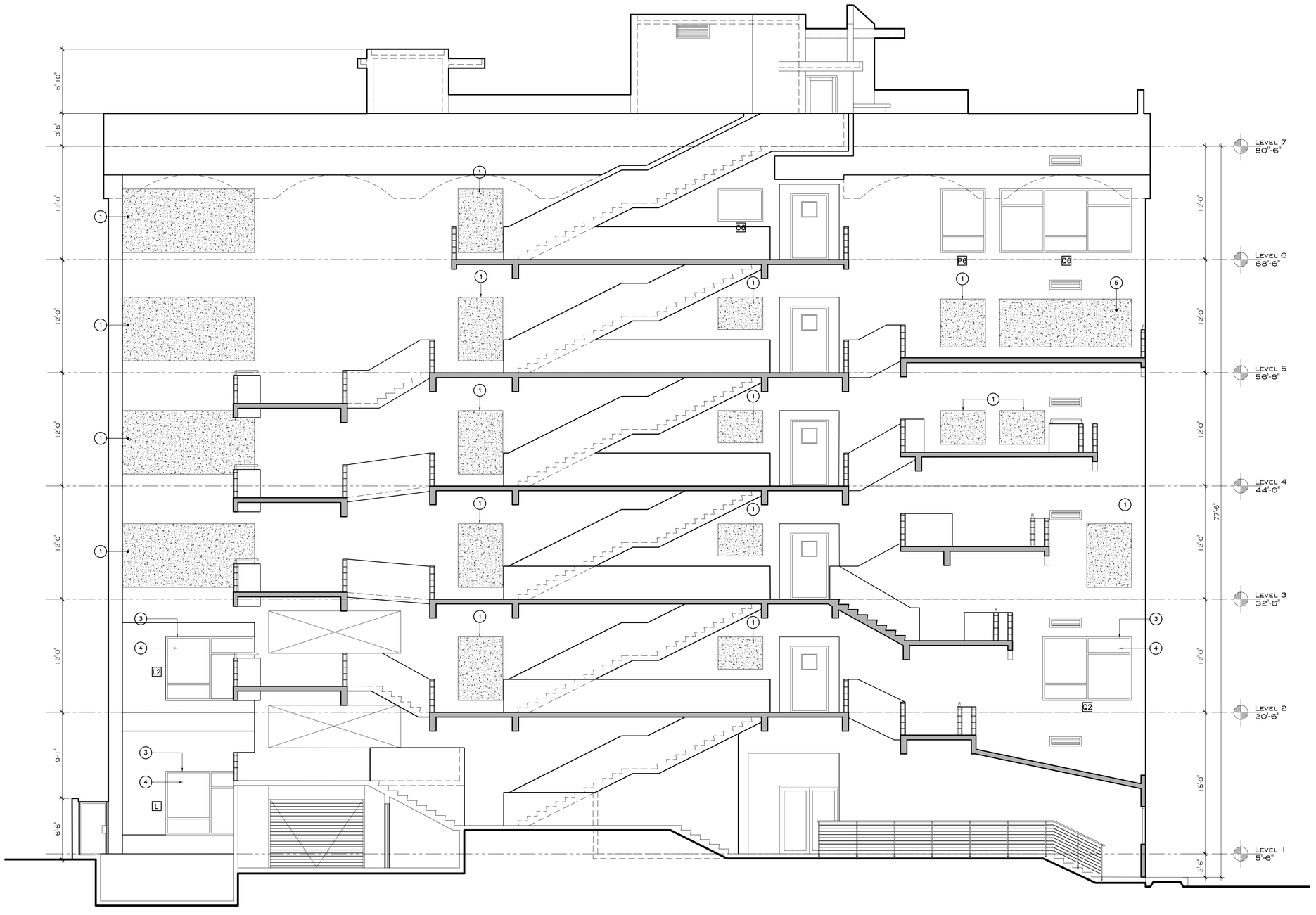

PROPOSED SOUTH BUILDING ELEVATION

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

0' 5' 10' 20' 30'

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Joaquin Bersaloco Paz Lic. #12301

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO S.L.L.

PROJECT NO.

DRAWING NAME: CONSTRUCTION PHASE PROPOSED SOUTH BUILDING ELEVATION

DRAWING NUMBER: A-3.30

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IMPORTANT NOTES:

1- ALL NEW & EXISTING PARTITIONS/SURFACES (INCLUDING COLUMNS) THAT ARE EXPOSED MUST BE REPAIRED, HEALED AND PLASTERED TO MATCH NEW PARTITIONS/SURFACES. EXISTING COLUMNS SHALL BE FURRED W/ NEW 5/8" GYPSUM BOARD.

2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT # 106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT # 106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE, PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

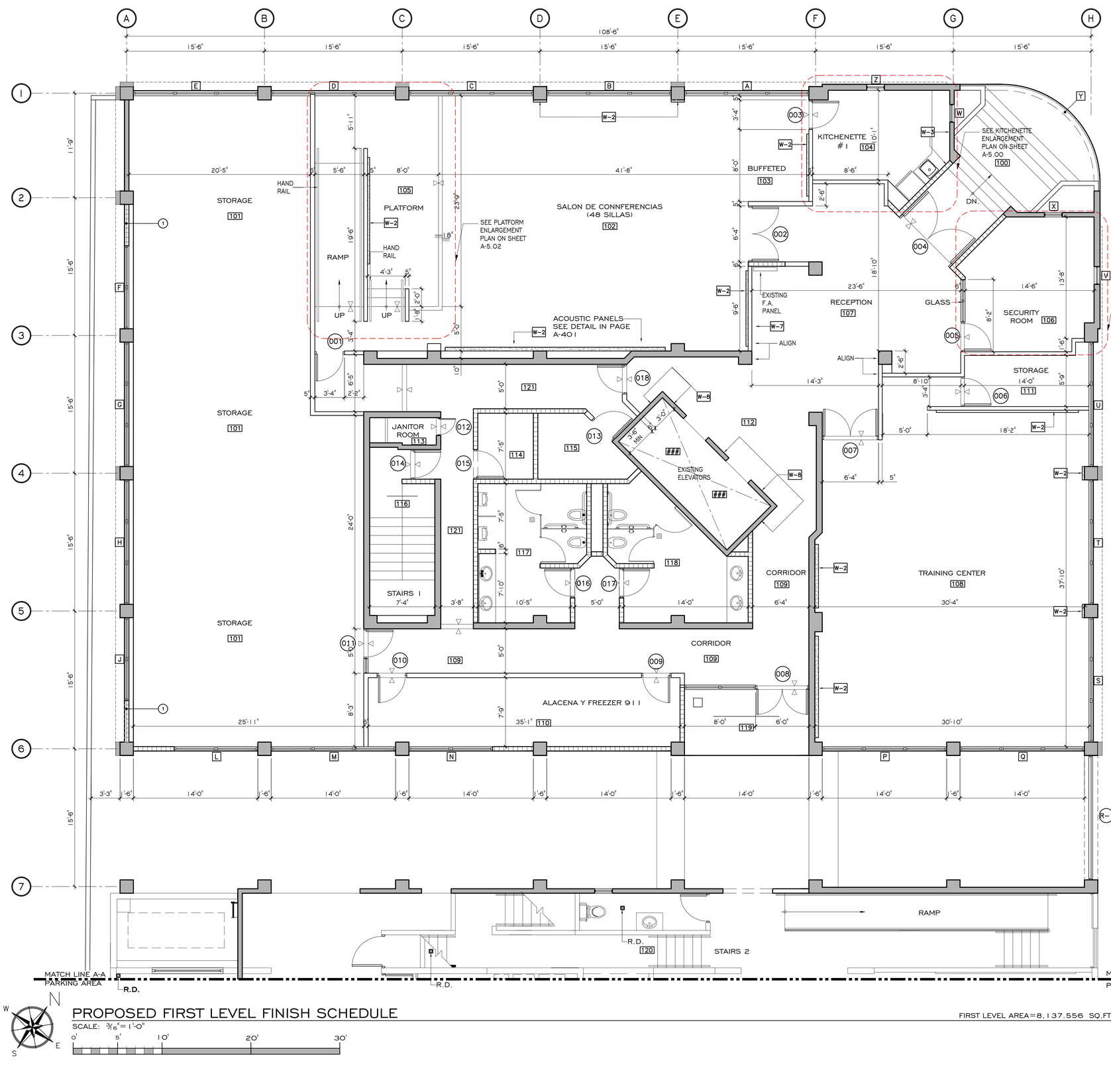
WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-501. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 52" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 1/4" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-NCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.



PROPOSED FIRST LEVEL FINISH SCHEDULE

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

0' 5' 10' 20' 30'

FIRST LEVEL AREA=8,137.556 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersacci Paz Lic. # 12,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León Río Piedras, Puerto Rico, 00928

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL
FINISH SCHEDULE

DRAWING NUMBER
A-4.00

OF

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SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT #106).
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F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING 1/4" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
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W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 8321 8324 NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

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C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A					I	
B					II	
C					I	
D					II	
E					I	
F					III	
G					I	
H					I	
J					IV	
L					IX	
M					XVI	
N					XVII	
P					XVI	
Q					X	
S					II	
T					I	
U					II	
V					XIV	
X					XV	
W					XV	
Z					XIV	

FINISH SCHEDULE

MKD	DESCRIPTION	FLOOR													BASE					WALL								CEILING								
		F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	B-1	B-2	B-3	B-4		W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	C-1	C-2	C-3	C-4	C-5	C-6	C-7		
100	MAIN ENTRANCE			●													●			●									●					●		
101	STORAGE		●										●			●				●									●				●			
102	MAIN CONFERENCE ROOM	●											●		●					●	●								●	●		●	●			
103	BUFFETED AREA	●											●		●					●	●								●	●						
104	KITCHENETTE		●										●			●				●		●							●	●	●					
105	PLATFORM									●								●		●	●								●	●						
106	SECURITY ROOM		●										●			●				●									●	●	●					
107	RECEPTION	●											●		●					●					●	●	●		●	●	●					
108	TRAINING CENTER								●				●	●				●		●	●					●			●	●		●	●			
109	CORRIDOR	●											●		●					●					●				●	●	●		●			
110	ALACENA & FREEZER		●										●			●				●													●			
111	STORAGE		●										●			●				●											●					
112	ELEVATOR LOBBY	●											●		●					●					●		●		●	●						
113	JANITOR ROOM		●										●			●				●				●					●							
114	ELECTRIC ROOM				●												●			●				●					●							
115	MECH. ROOM				●												●			●				●					●							
116	STAIRS #1				●												●			●				●					●							
117	EXISTING TOILETS				●												●			●				●				●	●	●					
118	EXISTING TOILETS				●												●			●				●				●	●	●					
119	ENTRANCE	●											●		●					●					●									●		
120	PARKING STAIRS						●					●					●			●				●	●				●							
121	CORRIDOR			●													●			●										●					

DOOR & OFFICE FRONT SCHEDULE

MKD	DOOR SIZE		WALL OPENING		DOOR THK.	MATERIAL	DOOR TYPE	HRDW. SET #	REMARKS
	WIDTH	HEIGHT	WIDTH	HEIGHT					
001	3' - 4"	8' - 0"					I		
002	6' - 4"	8' - 0"					II		
003	3' - 4"	8' - 0"					I		
004	6' - 4"	8' - 0"					III		
005	3' - 4"	8' - 0"					V		
006	3' - 4"	8' - 0"					IV		
007	6' - 4"	8' - 0"					II		
008	6' - 0"	8' - 0"					EX.		
009	3' - 4"	8' - 0"					I		
010	3' - 4"	8' - 0"					I		
011	3' - 4"	8' - 0"					VII		
012	2' - 0"	8' - 0"					EX.		
013	3' - 4"	8' - 0"					EX.		
014	3' - 4"	8' - 0"					EX.		
015	3' - 4"	8' - 0"					EX.		
016	3' - 4"	8' - 0"					EX.		
017	3' - 4"	8' - 0"					EX.		
018	3' - 4"	8' - 0"					I		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaco Paz Lic. # 12301

NUM. | DESCRIPTION | BY | DATE
REVISIONS

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PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE - FIRST FLOOR

DRAWING NUMBER
A-4.01

OF

IMPORTANT NOTES:

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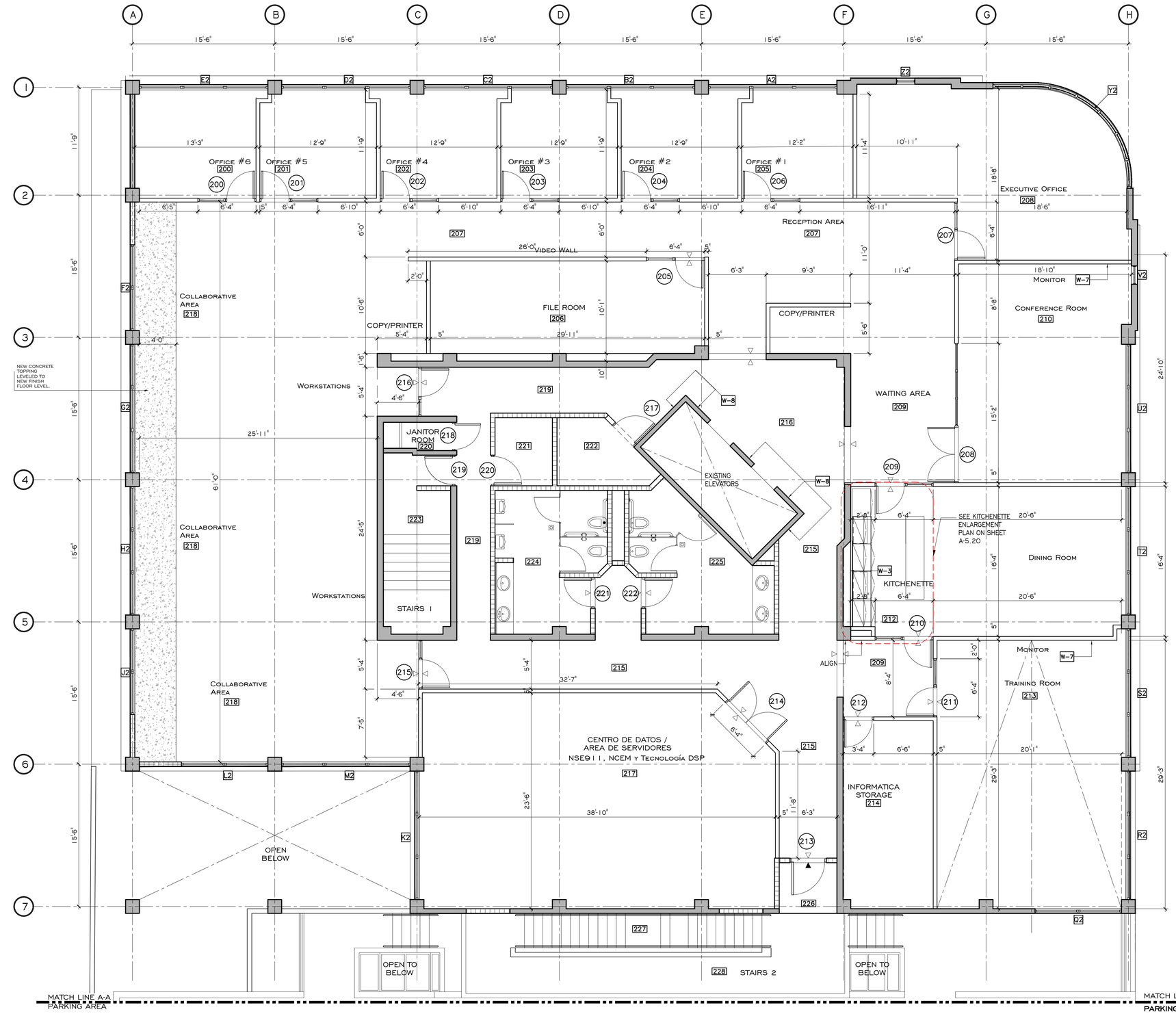

PROPOSED SECOND LEVEL FINISH SCHEDULE

SECOND LEVEL AREA=9,357.646 SQ.FT.

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce De León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL
FINISH SCHEDULE

DRAWING NUMBER
A-4.20
OF

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2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT # 106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT # 106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1/8" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-521. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 20.5" X 33' NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 1/2" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-2					VII	
B-2					VIII	
C-2					VII	
D-2					VIII	
E-2					VII	
F-2					XIX	
G-2					IV	
H-2					IV	
J-2					XVIII	
L-2					IX	
M-2					XVI	
K-2					VIII	
Q-2					IX	
R-2					VIII	
S-2					VII	
T-2					VIII	
U-2					VII	
V-2					XIV	
Y-2					--	
Z-2					XIV	

FINISH SCHEDULE

		FLOOR													BASE					WALL								CEILING							
MKD	DESCRIPTION	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	B-1	B-2	B-3	B-4		W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	C-1	C-2	C-3	C-4	C-5	C-6	C-7	
200	OFFICE #6							•						•					•		•								•	•					
201	OFFICE #5							•						•					•		•								•	•	•				
202	OFFICE #4							•						•					•		•								•	•	•				
203	OFFICE #3							•						•					•		•								•	•	•				
204	OFFICE #2							•						•					•		•								•	•	•				
205	FILE ROOM							•						•					•		•								•	•	•				
206	OFFICE #1													•	•				•		•												•		
207	RECEPTION AREA										•			•					•		•								•	•			•		
208	EXECUTIVE OFFICE							•						•					•		•								•	•	•				
209	WAITING AREA										•			•					•		•								•	•			•		
210	CONFERENCE ROOM								•					•					•		•					•			•	•	•				
211	DINING ROOM					•								•					•		•								•	•			•		
212	KITCHEN					•								•					•		•		•						•	•					
213	TRAINING ROOM								•					•					•		•					•			•	•			•		
214	STORAGE													•	•				•		•												•		
215	HALLWAY #1			•														•			•				•				•	•			•		
216	LOBBY			•										•	•			•			•				•		•		•	•					
217	DATA CENTER													•					•		•												•		
218	COLLABORATIVE AREA										•								•		•								•	•			•		
219	HALLWAY #2			•														•			•										•				
220	JANITOR ROOM				•													•			•									•					
221	ELECTRICAL ROOM				•													•			•									•					
222	MECHANICAL ROOM				•													•			•									•					
223	STAIRS #1				•		•											•			•									•					
224	MENS TOILETS				•													•			•				•				•	•	•				
225	WOMANS TOILETS				•													•			•				•				•	•	•				
226	EXIT				•													•			•									•				•	
227	STAIRS #2				•		•					•						•			•					•				•					
228	EXTERIOR CORRIDOR				•		•					•						•			•					•				•					

DOOR & OFFICE FRONT SCHEDULE

MKD.	DOOR SIZE		WALL OPENING		DOOR THK.	MATERIAL	DOOR TYPE	HRDW. SET #	REMARKS
	WIDTH	HEIGHT	WIDTH	HEIGHT					
201	6' - 4"	8' - 0"					VII		
202	3' - 4"	8' - 0"					VI		
203	3' - 4"	8' - 0"					VI		
204	3' - 4"	8' - 0"					VI		
205	3' - 4"	8' - 0"					VI		
206	3' - 4"	8' - 0"					VI		
207	3' - 4"	8' - 0"					VI		
208	6' - 4"	8' - 0"					VIII		
209	3' - 4"	8' - 0"					VII		
210	3' - 4"	8' - 0"					VI		
211	6' - 4"	8' - 0"					VII		
212	3' - 4"	8' - 0"					IV		
213	3' - 11"	8' - 0"					EX.		
214	6' - 4"	8' - 0"					II		
215	3' - 4"	8' - 0"					VI		
216	3' - 4"	8' - 0"					VI		
217	3' - 4"	8' - 0"					EX		
218	2' - 0"	8' - 0"					EX.		
219	3' - 4"	8' - 0"					EX.		
220	3' - 4"	8' - 0"					EX.		
221	3' - 4"	8' - 0"					EX.		
222	3' - 4"	8' - 0"					EX.		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGO PAZ LIC. # 12301

NUM. | DESCRIPTION | BY | DATE
REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Roosevelt Ubs. Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE - SECOND FLOOR

DRAWING NUMBER
A-4.21

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

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SCHEDULE OF FINISHES:

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F-4: EXISTING FLOOR FINISH TO BE CLEANED.
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F-13: NEW SELF LEVELING _____.
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BASE FINISHES

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B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-531. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 24" 54" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 1/2" 5/8" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
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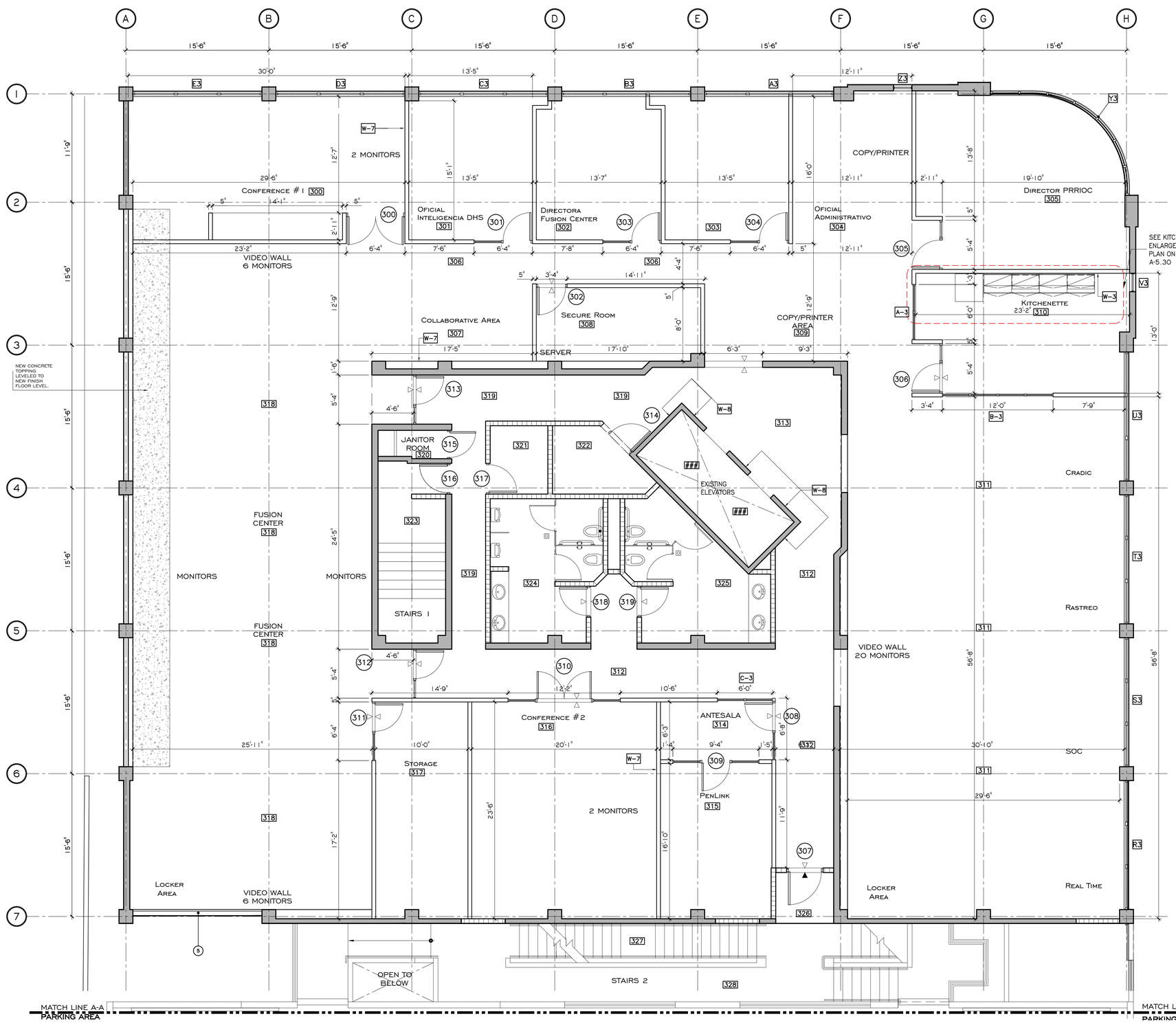

PROPOSED THIRD LEVEL FINISH SCHEDULE

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

0' 5' 10' 20' 30'

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO. 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FINISH SCHEDULE

DRAWING NUMBER
A-4.30

OF

1347 Ave. Ponce de León. Río Piedras, Puerto Rico. 00925

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SCHEDULE OF FINISHES:

FLOOR FINISHES

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STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-3					VII	
B-3					VIII	
C-3					VII	
D-3					VIII	
E-3					VII	
R-3					VIII	
S-3					VII	
T-3					VIII	
U-3					VII	
V-3					XIV	
Y-3					–	
Z-3					XIV	

OFFICE FRONT

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A3					I	
B3					III	
C3					I	

FINISH SCHEDULE

MKD	DESCRIPTION	FLOOR														BASE					WALL									CEILING							
		F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	B-1	B-2	B-3	B-4		W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	C-1	C-2	C-3	C-4	C-5	C-6	C-7	
300	CONFERENCE #1								•					•					•		•						•		•	•			•			
301	OFFICE							•						•					•		•								•	•						
302	OFFICE							•						•					•		•								•	•						
303	OFFICE							•						•					•		•								•	•						
304	OFFICE										•			•					•		•								•	•						
305	DIRECTORS OFFICE							•						•					•		•								•	•						
306	CORRIDOR										•			•					•		•								•	•			•			
307	COLLABORATIVE ARE										•			•					•		•						•		•	•			•			
308	SECURE ROOM							•						•					•		•									•						
309	COPY AREA										•			•					•		•								•				•			
310	KITCHENETTE					•								•					•		•		•						•	•			•			
311	MONITORING AREA										•			•					•		•								•	•			•			
312	CORRIDOR			•														•			•					•			•	•			•			
313	ELEVATOR LOBBY			•														•			•					•		•	•	•						
314	PENLINK RECEPTION							•						•					•		•									•		•				
315	PENLINK OFFICE							•						•					•		•								•	•						
316	CONFERENCE #2								•					•					•		•						•		•	•						
317	STORAGE													•	•				•		•												•			
318	FUSION CENTER										•			•					•		•								•	•			•			
319	CORRIDOR			•														•			•										•					
320	JANITOR ROOM				•													•			•									•						
321	ELECTRICAL ROOM				•													•			•									•						
322	MECHANICAL ROOM				•													•			•									•						
323	STAIRS #1				•													•			•									•						
324	EXISTING TOILETS				•													•			•				•				•	•	•					
325	EXISTING TOILETS				•													•			•				•				•	•	•					
326	ENTRANCE				•													•			•														•	
327	EXTERIOR STAIRS #2						•					•						•			•					•				•						
328	EXTERIOR CORRIDOR						•											•			•					•				•						

DOOR & OFFICE FRONT SCHEDULE

MKD.	DOOR SIZE		WALL OPENING		DOOR THK.	MATERIAL	DOOR TYPE	HRDW. SET #	REMARKS
	WIDTH	HEIGHT	WIDTH	HEIGHT					
300	6' - 4"	8' - 0"					II		
301	3' - 4"	8' - 0"					VII		
302	3' - 4"	8' - 0"					IV		
303	3' - 4"	8' - 0"					VII		
304	3' - 4"	8' - 0"					VII		
305	3' - 4"	8' - 0"					VI		
306	3' - 4"	8' - 0"					VII		
307	3' - 11"	8' - 0"					EX		
308	3' - 4"	8' - 0"					VII		
309	3' - 4"	8' - 0"					X		
310	6' - 4"	8' - 0"					IX		
311	3' - 4"	8' - 0"					VI		
312	3' - 4"	8' - 0"					VI		
313	3' - 4"	8' - 0"					VI		
314	3' - 4"	8' - 0"					EX		
315	2' - 0"	8' - 0"					EX		
316	3' - 4"	8' - 0"					EX		
317	3' - 4"	8' - 0"					EX		
318	3' - 4"	8' - 0"					EX		
319	3' - 4"	8' - 0"					EX		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THE OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

DRAWING NUMBER: A-4.31
OF

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE - THIRD LEVEL

IMPORTANT NOTES:

1- ALL NEW & EXISTING PARTITIONS/SURFACES (INCLUDING COLUMNS) THAT ARE EXPOSED MUST BE REPAIRED, HEALED AND PLASTERED TO MATCH NEW PARTITIONS/SURFACES. EXISTING COLUMNS SHALL BE FURRED W/ NEW 5/8" GYPSUM BOARD.

2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT # 106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT # 106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

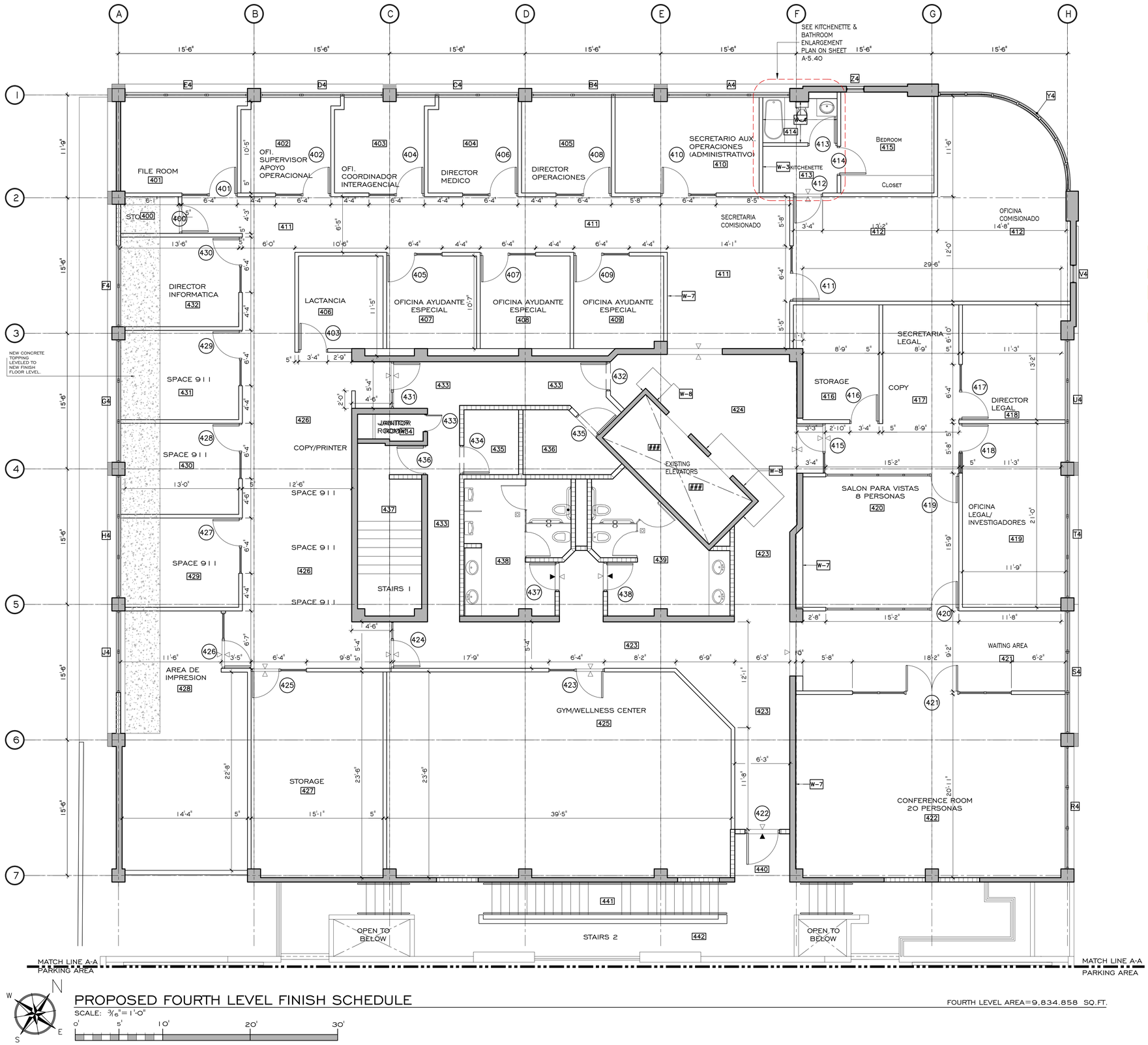
WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-541. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 54" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 5/8" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.



PROPOSED FOURTH LEVEL FINISH SCHEDULE

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

0' 5' 10' 20' 30'

FOURTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL
FINISH SCHEDULE

DRAWING NUMBER
A-4.40
OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

IMPORTANT NOTES:

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2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT #106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT #106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F-7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1/8" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-541. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 54/68" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 1/2" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

DOOR & OFFICE FRONT SCHEDULE

MKD.	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	WALL OPENING WIDTH	WALL OPENING HEIGHT	DOOR THK.	MATERIAL	DOOR TYPE	HRDW. SET #	REMARKS
400	3' - 4"	8' - 0"					IV		
401	3' - 4"	8' - 0"					VII		
402	3' - 4"	8' - 0"					VII		
403	3' - 4"	8' - 0"					IV		
404	3' - 4"	8' - 0"					VII		
405	3' - 4"	8' - 0"					VII		
406	3' - 4"	8' - 0"					VII		
407	3' - 4"	8' - 0"					VII		
408	3' - 4"	8' - 0"					VII		
409	3' - 4"	8' - 0"					VII		
410	3' - 4"	8' - 0"					VI		
411	3' - 4"	8' - 0"					VII		
412	3' - 4"	8' - 0"					IV		
413	3' - 4"	8' - 0"					IV		
414	3' - 4"	8' - 0"					IV		
415	3' - 4"	8' - 0"					VI		
416	3' - 4"	8' - 0"					IV		
417	3' - 4"	8' - 0"					VII		
418	3' - 4"	8' - 0"					VI		
419	3' - 4"	8' - 0"					XI		
420	3' - 4"	8' - 0"					XI		
421	6' - 4"	8' - 0"					XII		
422	3' - 11"	8' - 0"					EX.		
423	3' - 4"	8' - 0"					VI		
424	3' - 4"	8' - 0"					VII		
425	3' - 4"	8' - 0"					VII		
426	3' - 4"	8' - 0"					VI		
427	3' - 4"	8' - 0"					VII		
428	3' - 4"	8' - 0"					VII		
429	3' - 4"	8' - 0"					VII		
430	3' - 4"	8' - 0"					VII		
431	3' - 4"	8' - 0"					VI		
432	3' - 4"	8' - 0"					I		
433	2' - 0"	8' - 0"					EX.		
434	3' - 4"	8' - 0"					EX.		
435	3' - 4"	8' - 0"					EX.		
436	3' - 4"	8' - 0"					EX.		
437	3' - 4"	8' - 0"					EX.		
438	3' - 4"	8' - 0"					EX.		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

FINISH SCHEDULE

MKD	DESCRIPTION	FLOOR F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	BASE B-1	B-2	B-3	B-4		WALL W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	CEILING C-1	C-2	C-3	C-4	C-5	C-6	C-7	
400	STORAGE													•	•				•		•							•	•						
401	FILE ROOM							•						•					•		•							•	•	•					
402	OFFICE							•						•					•		•							•	•	•					
403	OFFICE							•						•					•		•							•	•	•					
404	OFFICE							•						•					•		•							•	•	•					
405	OFFICE							•						•					•		•							•	•	•					
406	LACTANCIA							•						•					•		•							•	•	•					
407	OFFICE							•						•					•		•							•	•	•					
408	OFFICE							•						•					•		•							•	•	•					
409	OFFICE							•						•					•		•							•	•	•					
410	SECRETARIO AUXILIAR							•						•					•		•							•	•	•					
411	CORRIDOR										•			•					•		•						•		•			•			
412	OFICINA COMISIONADO								•					•					•		•							•	•						
413	KITCHENETTE									•				•					•		•		•					•	•						
414	BATHROOM									•				•					•		•				•			•	•						
415	BED ROOM									•				•					•		•							•	•						
416	STORAGE													•	•				•		•							•				•			
417	SECRETARIA LEGAL							•						•					•		•							•	•			•			
418	DIRECTOR OFFICE							•						•					•		•							•	•	•					
419	LEGAL OFFICE							•						•					•		•							•	•	•					
420	SALON DE VISITAS								•					•					•		•						•		•	•					
421	WAITING AREA										•			•					•		•							•	•	•					
422	CONFERENCE ROOM								•					•					•		•						•		•	•					
423	CORRIDOR			•														•			•				•	•			•	•					
424	ELEVATOR LOBBY			•														•			•						•		•	•					
425	GYM					•								•					•		•								•	•					
426	CORRIDOR										•								•		•								•	•					
427	STORAGE													•	•				•		•								•	•					
428	AREA DE IMPRESION													•	•				•		•								•	•					
429	OFFICE							•						•					•		•								•	•	•				
430	OFFICE							•						•					•		•								•	•	•				
431	OFFICE							•						•					•		•								•	•	•				
432	OFFICE							•						•					•		•								•	•	•				
433	CORRIDOR			•														•			•										•				
434	JANITOR ROOM				•													•			•									•	•				
435	ELECTRICAL ROOM				•													•			•									•					
436	MECHANICAL ROOM				•													•			•									•					
437	STAIRS # 1				•													•			•									•					
438	EXISTING TOILETS				•													•			•						•		•	•	•				
439	EXISTING TOILETS				•													•			•						•		•	•	•				
440	ENTRANCE				•													•			•									•				•	
441	EXTERIOR STAIRS #2						•				•							•			•					•				•					
442	EXTERIOR CORRIDOR						•											•			•					•				•					

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-4					VII	
B-4					VIII	
C-4					VII	
D-4					VIII	
E-4					VII	
F-4					XIX	
G-4					IV	
H-4					IV	
J-4					XVIII	
R-4					VIII	
S-4					VII	
T-4					VIII	
U-4					VII	
V-4					XIV	
Y-4					-	
Z-4					XIV	

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JOAQUIN BERSOCO PAZ LIC. # 12301
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NAME
CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE - FOURTH FLOOR

DRAWING NUMBER
A-4.41

OF

IMPORTANT NOTES:

1- ALL NEW & EXISTING PARTITIONS/SURFACES (INCLUDING COLUMNS) THAT ARE EXPOSED MUST BE REPAIRED, HEALED AND PLASTERED TO MATCH NEW PARTITIONS/SURFACES. EXISTING COLUMNS SHALL BE FURRED W/ NEW 5/8" GYPSUM BOARD.

2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT #106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT #106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1/2" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 1/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

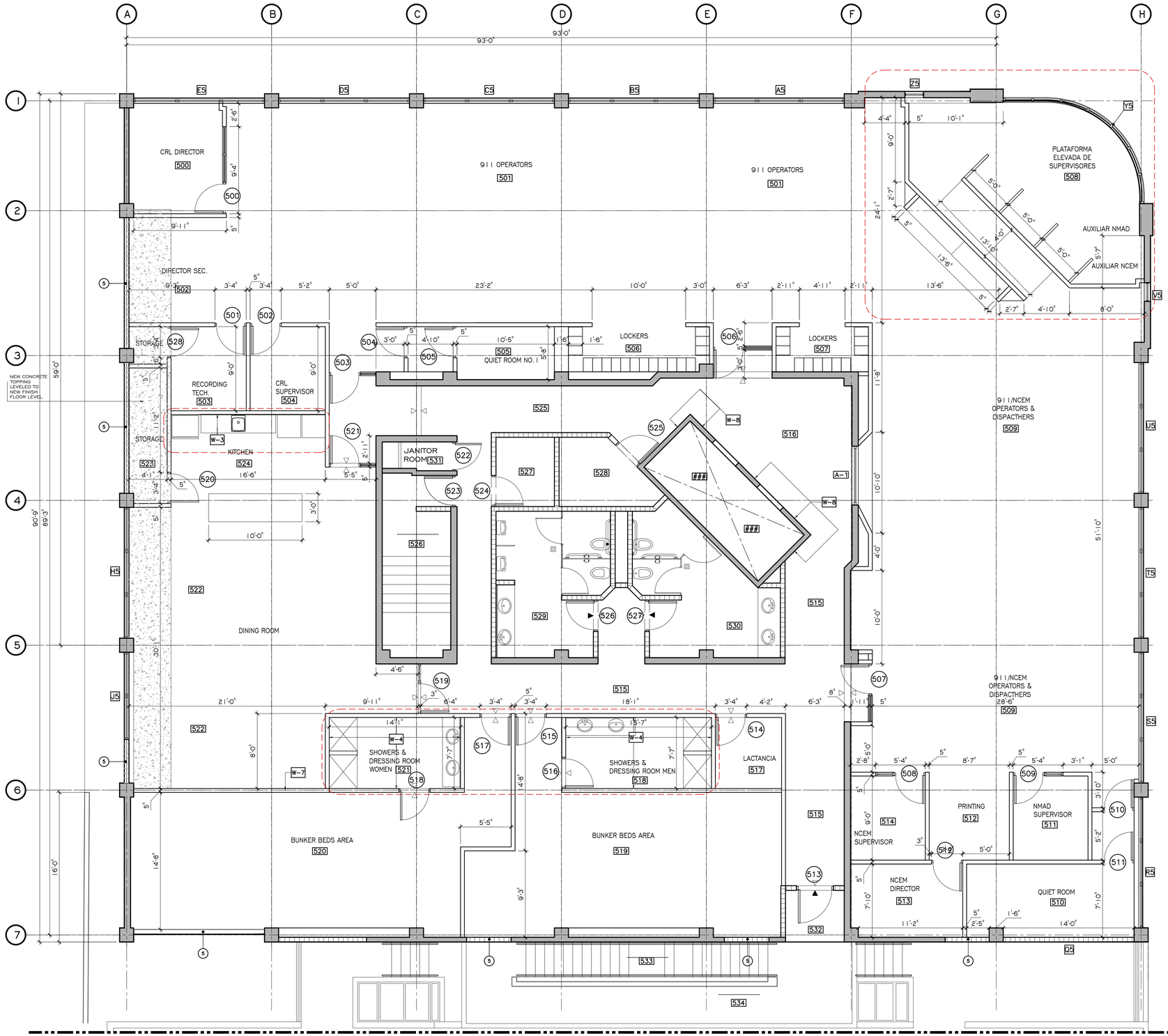
WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-551. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 24" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: 1/2" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.



PROPOSED FIFTH LEVEL FINISH SCHEDULE

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

FIFTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaquin Bersaco Paz Lic. # 12,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00936

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL
FINISH SCHEDULE

DRAWING NUMBER
A-4.50
OF

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W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 8.25" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
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NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

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C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-5					VII	
B-5					VIII	
C-5					VII	
D-5					VIII	
E-5					VII	
H-5					IV	
J-5					XVIII	
S-5					VII	
T-5					VIII	
U-5					VII	
V-5					XIV	
Y-5					--	
Z-5					XIV	

DOOR & OFFICE FRONT SCHEDULE

MKD.	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	WALL OPENING WIDTH	WALL OPENING HEIGHT	DOOR THK.	MATERIAL	DOOR TYPE	HRDW. SET #	REMARKS
500	3' - 4"	8' - 0"					XIII		
501	3' - 4"	8' - 0"					VI		
502	3' - 4"	8' - 0"					VII		
503	3' - 4"	8' - 0"					VII		
504	3' - 4"	8' - 0"					IV		
505	3' - 4"	8' - 0"					IV		
506	3' - 4"	8' - 0"					VI		
507	3' - 4"	8' - 0"					VI		
508	3' - 4"	8' - 0"					VI		
509	3' - 4"	8' - 0"					VII		
510	3' - 4"	8' - 0"					IV		
511	3' - 4"	8' - 0"					IV		
512	3' - 4"	8' - 0"					XIV		
513	3' - 11"	8' - 0"					EX.		
514	3' - 4"	8' - 0"					IV		
515	3' - 4"	8' - 0"					IV		
516	3' - 4"	8' - 0"					IV		
517	3' - 4"	8' - 0"					IV		
518	3' - 4"	8' - 0"					IV		
519	3' - 4"	8' - 0"					VII		
520	3' - 4"	8' - 0"					IV		
521	3' - 4"	8' - 0"					VI		
522	3' - 1"	8' - 0"					EX.		
523	3' - 4"	8' - 0"					EX.		
524	3' - 4"	8' - 0"					EX.		
525	3' - 4"	8' - 0"					EX.		
526	3' - 4"	8' - 0"					EX.		
527	3' - 4"	8' - 0"					EX.		
528	3' - 4"	8' - 0"					IV		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

FINISH SCHEDULE

MKD	DESCRIPTION	FLOOR F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	BASE B-1	B-2	B-3	B-4	B-5	WALL W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	CEILING C-1	C-2	C-3	C-4	C-5	C-6	C-7
500	CRL DIRECTOR OFFICE							•						•					•		•								•	•	•				
501	911 OPERATORS										•			•					•		•								•	•			•		
502	DIRECTOR SECRETARY										•			•					•		•								•	•	•				
503	OFFICE							•						•					•		•								•	•	•				
504	OFFICE							•						•					•		•								•	•	•				
505	QUIET ROOM #1							•						•					•		•								•	•	•				
506	LOCKERS										•			•					•		•												•		
507	LOCKERS										•			•					•		•												•		
508	PLATFORM SUP.										•								•		•								•	•					
509	911 & NCEM OPERATORS										•			•					•		•								•	•			•	•	
510	QUIET ROOM #2							•						•					•		•								•	•	•				
511	OFFICE							•						•					•		•								•	•	•				
512	OFFICE										•			•					•		•								•	•	•				
513	OFFICE							•						•					•		•								•	•	•				
514	OFFICE							•						•					•		•								•	•	•				
515	CORRIDOR			•							•			•				•			•					•			•	•			•		
516	ELEVATOR LOBBY			•							•			•				•			•					•		•	•	•				
517	LACTANCIA							•						•					•		•										•				
518	DRESSING ROOM					•								•					•		•				•				•	•	•				
519	BUNKER BEDROOM					•								•					•		•												•		
520	BUNKER BEDROOM					•								•					•		•												•		
521	DRESSING ROOM					•								•					•		•				•				•	•	•				
522	DINNING ROOM					•								•					•		•						•		•	•	•		•		
523	ALACENA					•								•					•		•										•				
524	KITCHEN					•								•					•		•				•				•	•	•				
525	CORRIDOR			•							•			•				•			•					•			•	•			•		
526	STAIR #1				•													•			•										•				
527	ELECTRICAL ROOM				•													•			•										•				
528	MECHANICAL ROOM				•													•			•										•				
529	EXISTING TOILET				•													•			•						•				•				
530	EXISTING TOILET				•													•			•						•				•				
531	JANITOR ROOM				•													•			•										•				
532	ENTRANCE				•													•			•										•				
533	EXTERIOR STAIRS #2				•		•					•						•			•										•				
534	EXTERIOR CORRIDOR				•							•						•			•										•				

OFFICE FRONT

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-1						

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PSC LIC. # 2,301

NUM. | REVISIONS | DESCRIPTION | BY | DATE

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DRAWING NUMBER: A-4.51

DRAWING NAME: CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE - FIFTH FLOOR

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO. # 1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

OF

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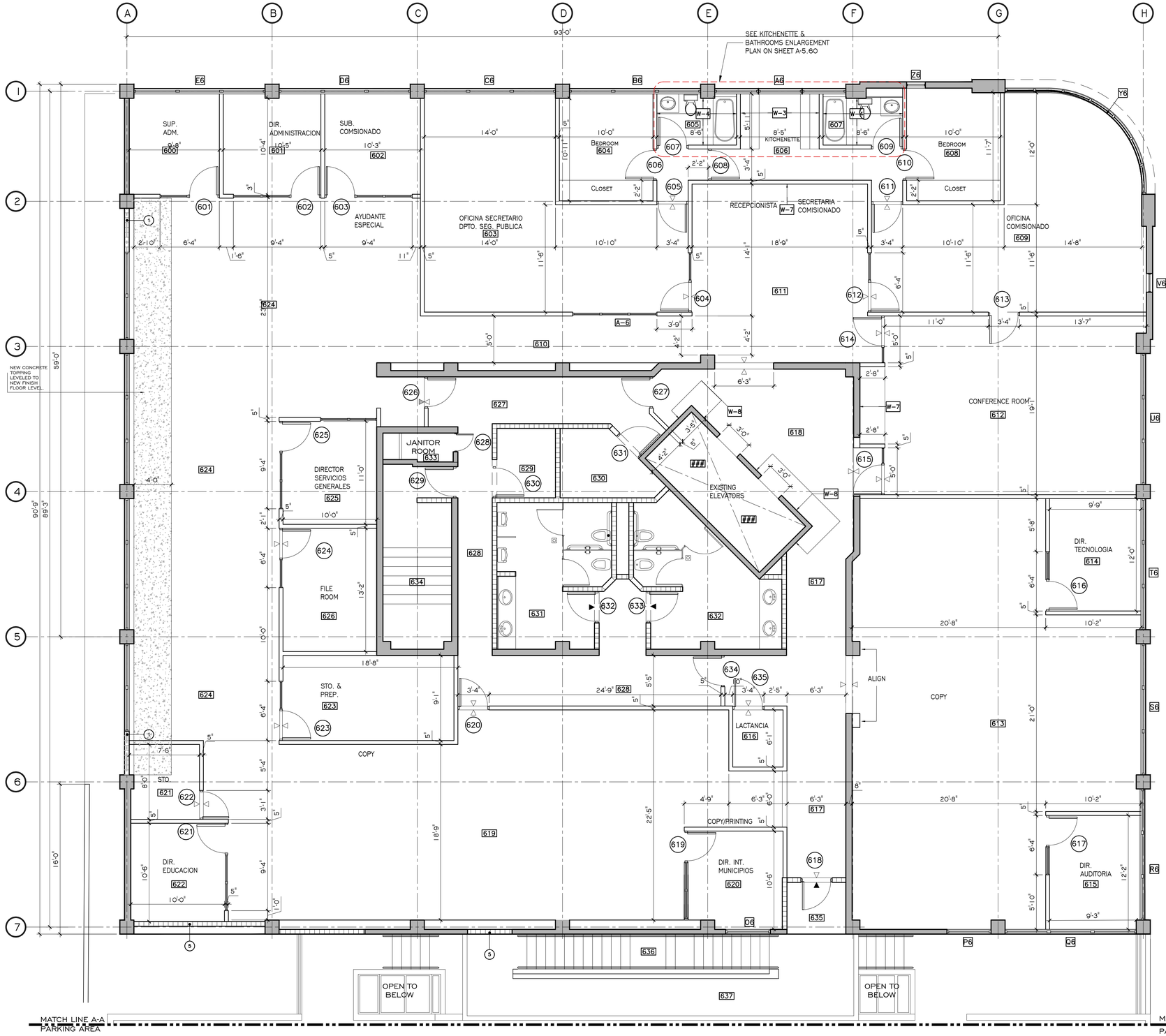
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.



PROPOSED SIXTH LEVEL FINISH SCHEDULE

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

0' 5' 10' 20' 30'

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 12,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de Leon, Rio Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL
FINISH SCHEDULE

DRAWING NUMBER
A-4.60
OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

IMPORTANT NOTES:

1- ALL NEW & EXISTING PARTITIONS/SURFACES (INCLUDING COLUMNS) THAT ARE EXPOSED MUST BE REPAIRED, HEALED AND PLASTERED TO MATCH NEW PARTITIONS/SURFACES. EXISTING COLUMNS SHALL BE FURRED W/ NEW ⅝" GYPSUM BOARD.

2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

7- THE GENERAL CONTRACTOR SHALL BE TO WASH PRESSURE & PAINT A FIRST ONE COTE OF PRIMER & TWO COTES OF PAINT, ALL THE INTERIOR & EXTERIOR SURFACES OF THE OFFICES & PARKING BUILDING.

SCHEDULE OF FINISHES:

FLOOR FINISHES

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT # 106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT # 106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (½" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. ⅛" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS FINISHES

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTIFELT FABRIC ACOUSTIC TILES. SIZES AS DETAILED SEE SHEET A-561. 3 COLORS TO BE SELECTED BY ARCHITECTS.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER 52" NON-WOVEN VINYL WALL COVERING, VERSA WALL COVERING. COLOR SELECTED BY ARCHITECT.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

CEILING FINISHES

C-1: ½" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A. FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-6					VII	
B-6					VIII	
C-6					VII	
D-6					VIII	
E-6					VII	
O-6					XII	
P-6					XI	
Q-6					XX	
R-6					VIII	
S-6					VII	
T-6					VIII	
U-6					VII	
V-6					XIV	
Y-6					--	
Z-6					XIV	

DOOR & OFFICE FRONT SCHEDULE

MKD	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	WALL OPENING WIDTH	WALL OPENING HEIGHT	DOOR THK.	MATERIAL	DOOR TYPE	HRDW SET #	REMARKS
600	---	---	---	---	---	---	---	---	---
601	3' - 4"	8' - 0"					VII		
602	3' - 4"	8' - 0"					XIII		
603	3' - 4"	8' - 0"					XV		
604	3' - 4"	8' - 0"					VI		
605	3' - 4"	8' - 0"					IV		
606	3' - 4"	8' - 0"					IV		
607	3' - 4"	8' - 0"					IV		
608	3' - 4"	8' - 0"					IV		
609	3' - 4"	8' - 0"					IV		
610	3' - 4"	8' - 0"					IV		
611	3' - 4"	8' - 0"					IV		
612	3' - 4"	8' - 0"					VII		
613	3' - 4"	8' - 0"					IV		
614	3' - 4"	8' - 0"					VI		
615	3' - 4"	8' - 0"					VII		
616	3' - 4"	8' - 0"					VII		
617	3' - 4"	8' - 0"					VI		
618	3' - 4"	8' - 0"					EX.		
619	3' - 4"	8' - 0"					XV		
620	3' - 4"	8' - 0"					XIV		
621	3' - 4"	8' - 0"					XIII		
622	3' - 4"	8' - 0"					IV		
623	3' - 4"	8' - 0"					VII		
624	3' - 4"	8' - 0"					VI		
625	3' - 4"	8' - 0"					XV		
626	3' - 4"	8' - 0"					VI		
627	3' - 4"	8' - 0"					I		
628	2' - 0"	8' - 0"					EX.		
629	3' - 4"	8' - 0"					EX.		
630	3' - 4"	8' - 0"					EX.		
631	3' - 4"	8' - 0"					EX.		
632	3' - 4"	8' - 0"					EX.		
633	3' - 4"	8' - 0"					EX.		
634	3' - 4"	8' - 0"					I		
635	3' - 4"	8' - 0"					IV		

DOOR NOTES:

1- FINAL MASONRY DOOR AND WINDOW DIMENSIONS SHALL BE FIELD VERIFIED.
2- SUBMIT DOOR & OFFICE FRONT SHOP DRAWINGS FOR ARCHITECT APPROVAL.
3- ALL ALUMINUM SHALL BE PAINTED COLOR BLACK.
4- ALL GLASS COLOR TO BE SELECTED BY ARCHITECT.
5- SEE "TYPICAL HEAD & JAMB DETAILS" ON THIS SHEET

FINISH SCHEDULE

MKD	DESCRIPTION	FLOOR F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	BASE B-1	B-2	B-3	B-4		WALL W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	CEILING C-1	C-2	C-3	C-4	C-5	C-6	C-7	
600	OFFICE							•						•					•		•								•	•	•					
601	OFFICE							•						•					•		•								•	•	•					
602	OFFICE							•						•					•		•								•	•	•					
603	SEC. DSP OFFICE								•					•					•		•								•	•	•					
604	BEDROOM									•				•					•		•								•	•						
605	BATHROOM									•				•					•		•		•						•	•						
606	KITCHENETTE									•				•					•		•			•					•	•						
607	BATHROOM									•				•					•		•								•	•						
608	BEDROOM									•				•					•		•								•	•						
609	COMISIONADO OFFICE								•					•					•		•								•	•	•					
610	CORRIDOR										•			•					•		•								•	•			•			
611	COMISIONADO SEC.										•			•					•		•						•		•	•			•			
612	CONFERENCE ROOM								•					•					•		•						•		•	•	•					
613	TECNOLOGIA Y AUDITORIA										•			•					•		•								•	•	•		•			
614	OFFICE							•						•					•		•								•	•	•					
615	OFFICE							•						•					•		•								•	•	•					
616	LACTANCIA							•						•					•		•										•					
617	CORRIDOR				•													•		•	•					•			•	•			•			
618	ELEVATOR LOBBY				•													•		•	•					•		•	•	•					
619	WORKING AREA										•			•					•		•								•	•			•			
620	OFFICE							•											•		•								•	•	•					
621	STORAGE													•	•				•		•										•					
622	OFFICE							•						•					•		•								•	•	•					
623	STORAGE & PREP.													•	•				•		•												•			
624	WORKING AREA										•			•					•		•								•	•			•			
625	OFFICE							•						•					•		•								•	•	•					
626	OFFICE							•						•					•		•								•	•	•					
627	CORRIDOR				•													•		•								•	•	•					
628	CORRIDOR				•													•		•	•					•			•	•			•			
629	ELECTRICAL ROOM				•													•		•									•						
630	MECHANICAL ROOM				•													•		•									•						
631	EXISTING BATHROOM				•													•		•						•			•	•	•				
632	EXISTING BATHROOM				•													•		•						•			•	•	•		•		
633	JANITOR ROOM				•													•		•									•						
634	STAIRS #1				•													•		•									•						
635	ENTRANCE				•													•		•									•						
636	EXTERIOR STAIRS #2						•					•						•		•									•						
637	EXTERIOR CORRIDOR				•							•						•		•									•						

OFFICE FRONT

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS
A-6					II	

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 12301

NUM. | DESCRIPTION | BY | DATE
REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León Río Piedras, Puerto Rico, 00925

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THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NUMBER
A-4.61

DRAWING NAME
CONSTRUCTION PHASE
DOOR, WINDOWS & STORE-FRONTS
FINISH SCHEDULE

OF

IMPORTANT NOTES:

1- ALL NEW & EXISTING PARTITIONS/SURFACES (INCLUDING COLUMNS) THAT ARE EXPOSED MUST BE REPAIRED, HEALED AND PLASTERED TO MATCH NEW PARTITIONS/SURFACES. EXISTING COLUMNS SHALL BE FURRED W/ NEW 5/8" GYPSUM BOARD.

2- CONTRACTOR SHALL CONSIDER 1" THICK TOPPING FOR TOTAL FLOOR AREA.

3- CONTRACTOR SHALL PROVIDE NEW OUTLET RECEPTACLES & NEW COVERS FOR ALL EXISTING ELECTRICAL OUTLET CONNECTIONS TO REMAIN.

4- EXPOSED EXISTING CEILING SURFACE SHALL BE REPAIRED & RENOVATED BY MEANS OF PLASTERING FINAL METHOD MUST BE APPROVED BY ARCHITECT.

5- ALL WALLS & COLUMNS SHALL BE FINISH W/ SMOOTH CEMENT PLASTER. IN ADDITION, A NEW IN ALL CONCRETE WALLS AND COLUMNS, SHALL BE GYPSUM VENEER PLASTERED.

6- ALL STAIRS STEEPS SHALL HAVE "PROSTAIR KL 20 STEPS PROTECTING PROFILE ANODIZED SILVER ALUMINUM".

SCHEDULE OF FINISHES:

FLOOR

F-1: 24" X 24" MIRAGE G LOCAL SUGAR GC 07 SP (MAPEI WALNUT # 106).
F-2: 24" X 24" CAN CAN COLOR "TAN" BY "TAU" (MAPEI WALNUT # 106).
F-3: EXISTING FLOOR FINISH TO BE REPAIR & POLISH W/A POLISHING MACHINE.
F-4: EXISTING FLOOR FINISH TO BE CLEANED.
F-5: 12" X 24" MOHAWK GROUP, HARD SURFACE MATUTO PLUS 3 COLORS COMBINATION TO BE USED @ EACH SPACE OR ROOM.
F-6: EXISTING CONCRETE STEPS TO BE REPAIRED. THE EXISTING STEP "BULL HOSES" WILL BE REMOVED & NEW STEP BULL HOSES WERE INSTALLED.
F7: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 140-108 CONCRETE STONE. PLANK INSTALLATION.
F-8: 10" X 40" (APROX.) MILLIKEN COLOR FIELD COL 126-5 DRY DOCK PLANK INSTALLATION.
F9: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS #926, AGREEABLE GREY.
F-10: 10" X 40" (APROX.) MILLIKEN COLOR FIELD PATIHA, PA T 119-153, SLATE. PLANK INSTALLATION.
F-11: EXISTING CONCRETE FINISH TO BE REPAIRED & CLEANED.
F-12: NEW TOPPING (1/8" MIN.) ON ADHESIVE PRIMER APPLIED OVER EXISTING CONCRETE FINISH.
F-13: NEW SELF LEVELING _____.
F-14: 12" X 24" MOHAWK GROUP, HARD SURFACE, MATUTO PLUS, #915 FROST BITE.

BASE FINISHES

B-1: 4"H. MIRAGE GLOCAL SUGAR GC 07 SP 4" X 36" (MAPEI WALNUT 106).
B-2: 4"H. CAN CAN COLORS TAH BY "TAU" 4" X 24" (MAPEI WALNUT 106).
B-3: EXISTING BASE FINISH TO BE HEAVY CLEANED & REPAIRED.
B-4: 4"H. 4/8" M.C.B. VINYL BASE BY ARMSTRONG COLOR 217.
B-5: NEW FINISH BASE EQUAL TO EXISTING ONE.

WALLS

W-1: SHERWIN WILLIAMS PROMAR 200, EGG SHELL FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
W-2: ACOUSTICAL WALL PANEL.
W-3: MIRAGE GLOCAL SUGAR #7 SP 12" X 24" (MAPEI NORY # 39).
W-4: TAU PALOMA STONE WALL SILVER 13" X 40" (MAPEI WARM GRAY 93).
W-5: EXISTING SURFACE WALL FINISH TO BE HEAVILY CLEANED.
W-6: NEW CEMENT PLASTER.
W-7: WALL PAPER.
W-8: 63" X 126" X 6MM. MOONLESS JW 17 MIRAGE WALL TILE.

NOTE: IN ALL SPACES THAT THE WALL SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.

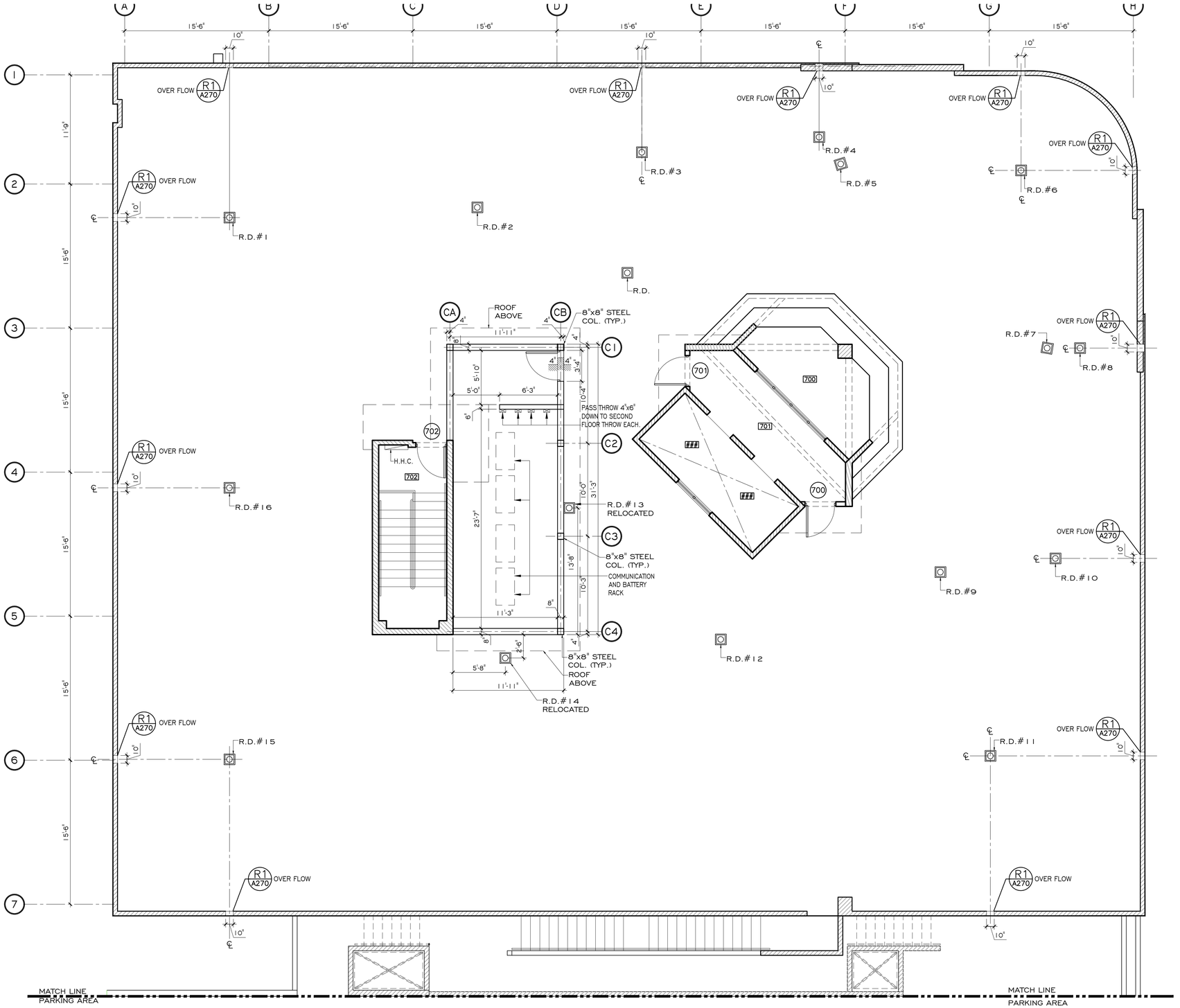
CEILING

C-1: 1/2" GYPSUM BOARD CEILING & FASCIA. IN ALL SPACES THAT THE SURFACE OF G.B. HAVE CONTACT WITH MOISTURE, THE CONTRACTOR WILL INSTALL WEATHER RESISTANT TYPE PANEL.
C-2: SHERWIN WILLIAMS PROMAR 200, MATTE FINISH. ONE LAYER OF PRIMER & TWO LAYERS OF PAINT.
C-3: 24" X 24" SUSPENDED ACOUSTICAL CEILING PANEL FROST, CLIMA PLUS - HIGH-HCR-75. FIRE CLASS A, FIRE TEXTURE MANUFACTURED BY USG (WWW.USG.COM).
C-4: ACOUSTICAL WOOD PANELS VENEERS.
C-5: OPEN TO CEILING. GENERAL CONTRACTOR SHALL BE TO PAINT ALL SURFACE, PIPES OR OTHER ELEMENT THAT IS VISIBLE BY THE CEILING OPENING.
C-6: ACOUSTICAL FABRIC PANELS VENEER.
C-7: 3/4" EXTERIOR CEMENTITIOUS SHEATHING WITH EIFIS SYSTEM DRYVIT FINISH. PROVIDE ONE ALUMINUM VENT WITH ROW 6" X 6" @ 305F.

DITEX SCHEDULE:

(A) INTERIOR "VINIQUARTZ CUADRICULADO" COLOR:SW 6105
DIVINE WHITE INTERIOR , BY COREV, DISTRIBUTED BY DITEX TEXTURE ART EDIF. LA MARKETING,SUITE 104 CALLE # 1, MARGINAL AVE, KENNEDY PUERTO NUEVO, PR. 00922O. TEL. 787-792-3737 WWW. DITEXPR.COM

(B) INTERIOR "PALLADIO HORIZONTAL" COLOR:SW 6635
DETERMINED ORANGE INTERIOR , BY COREV, DISTRIBUTED BY DITEX TEXTURE ART EDIF. LA MARKETING,SUITE 104 CALLE # 1, MARGINAL AVE, KENNEDY PUERTO NUEVO, PR. 00922O. TEL. 787-792-3737 WWW. DITEXPR.COM



PROPOSED ROOF LEVEL FINISH SCHEDULE

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

0' 5' 10' 20' 30'

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-0583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersola Paz, LIC. # 12301
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

PROJECT NO.

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED ROOF LEVEL FLOOR PLAN
FINISH SCHEDULE

DRAWING NUMBER
A-4.70_RF

OF

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

STORE-FRONT & WINDOW SCHEDULE

MKD.	A	B	C	GLASS COLOR	WINDOW TYPE	REMARKS

STORE-FRONT & WINDOW TYPE I

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE II

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE III

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE IV

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE V

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE VI

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE VII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE VIII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE IX

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE X

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XI

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XIII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XIV

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XV

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XVI

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XVII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XVIII

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XIX

SCALE: ¼"= 1'-0"

STORE-FRONT & WINDOW TYPE XX

SCALE: ¼"= 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersola Paz LIC. # 12301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
STORM-FRONT
DETAILS

DRAWING NUMBER
A-4.80

OF

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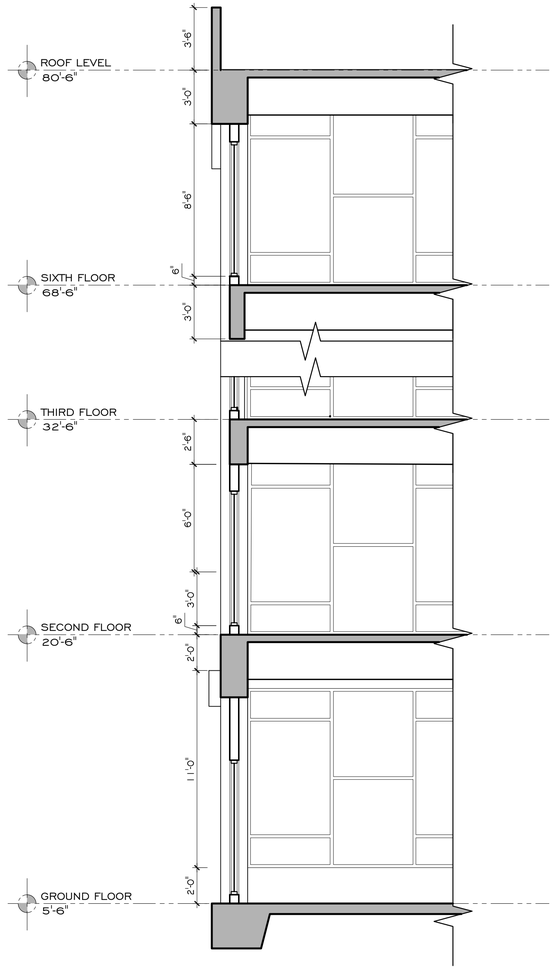
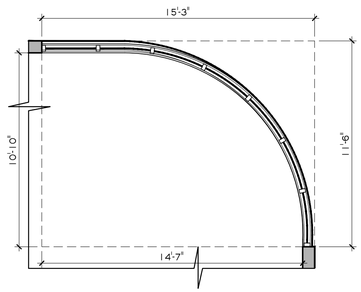


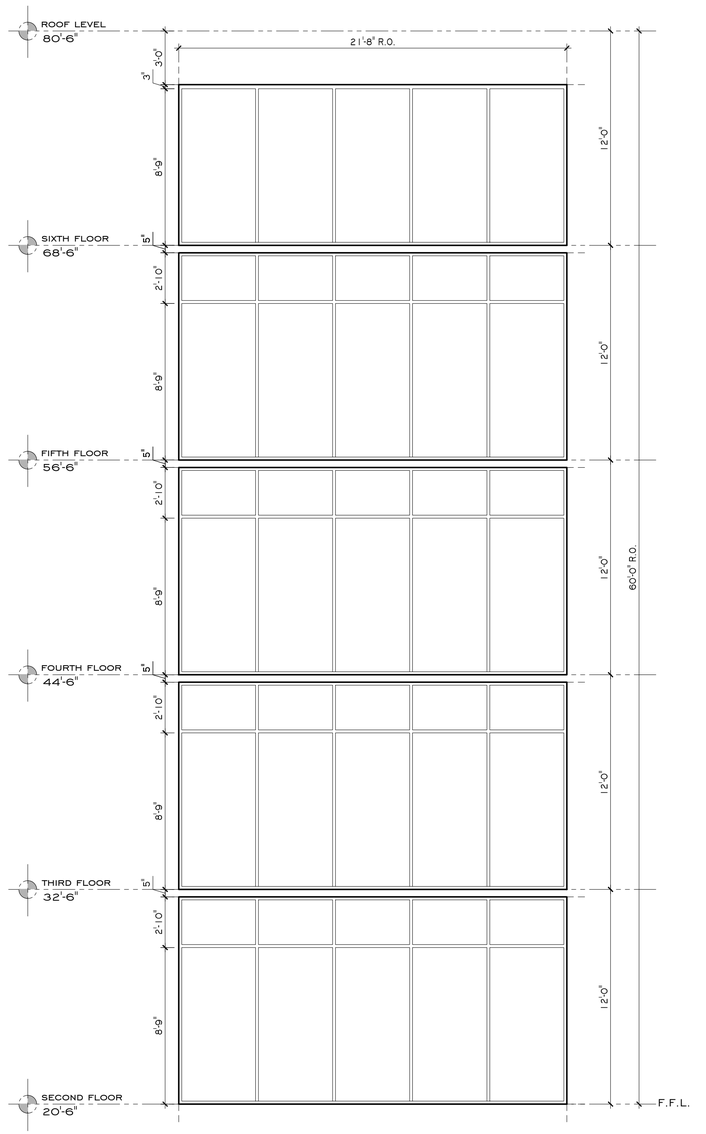
DETAIL SECTION

SCALE: ¼"= 1'-0"



STORE-FRONT ENLARGED FLOOR PLAN

SCALE: ¼"= 1'-0"



ALUMN/GLASS FIXED STORE-FRONT (CURVED)

SCALE: ¼"= 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersasso Paz LIC. # 12301
TEL. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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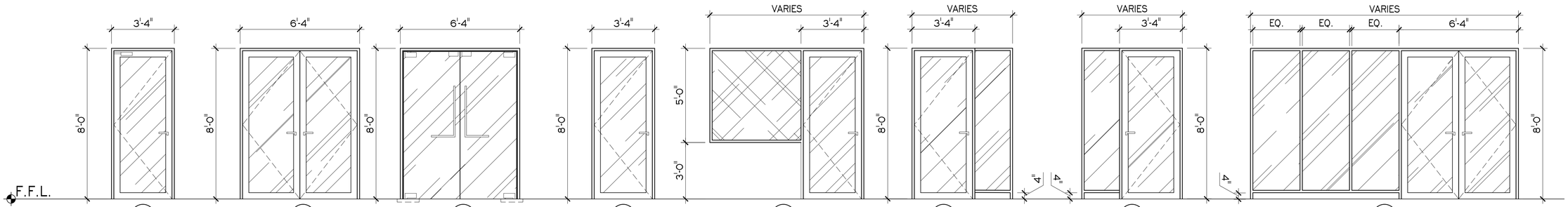
PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de Léon, Río Piedras, Puerto Rico, 00928

DRAWING NAME
CONSTRUCTION PHASE
STORE-FRONT
DETAILS

DRAWING NUMBER
A-4.81

OF



ALUMINUM & GLASS
DOOR WITH DOOR CLOSER
GLASS WHITE
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR
GLASS CLEAR
ALUMINUM COLOR BLACK

FULL GLASS DOOR ON
ALUMINUM FRAME WITH
MAGNET CLOSER CONTROL
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR
GLASS WHITE
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR
GLASS ONE-WAY MIRROR TYPE
ALUMINUM COLOR BLACK

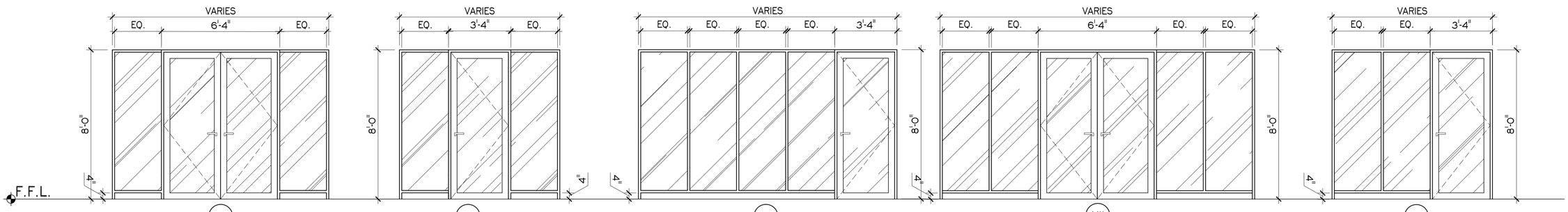
ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

DOOR TYPE

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



ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

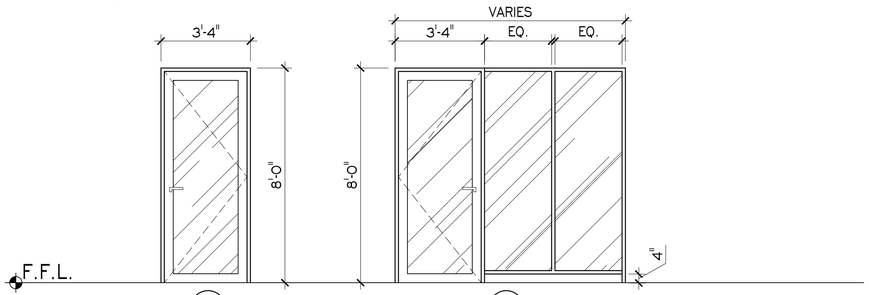
ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

DOOR TYPE

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



ALUMINUM & GLASS
DOOR
GLASS CLEAR
ALUMINUM COLOR BLACK

ALUMINUM & GLASS
DOOR W/ SIDE PANEL
GLASS CLEAR
ALUMINUM COLOR BLACK

DOOR TYPE

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

IMPORTANT NOTES:

1- ALL FRAMES SHALL BE SET, ALIGNED, PLUMBED & ADEQUATELY BRACED BEFORE DOORS INSTALLATION.

2- ALL FRAMES SHALL BE-

3- DOORS & OFFICE FRONT SIZES ON SCHEDULES ARE FOR QUOTATION PURPOSE ONLY. FINAL DOOR SIZES SHALL BE COORDINATED BY CONTRACTOR.

4- ALL INTERIOR RUBBER GASKEYS SHALL BE BLACK FINISH.

5- ALL ALUMINUM & GLASS SIDE PANELS SHALL HAVE 4" ALUMINUM BASE. $\frac{1}{4}$" TH. SAFETY GLASS. ALUMINUM COLOR BLACK.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOCO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
DOORS TYPES
DETAILS

DRAWING NUMBER
A-4.82

OF

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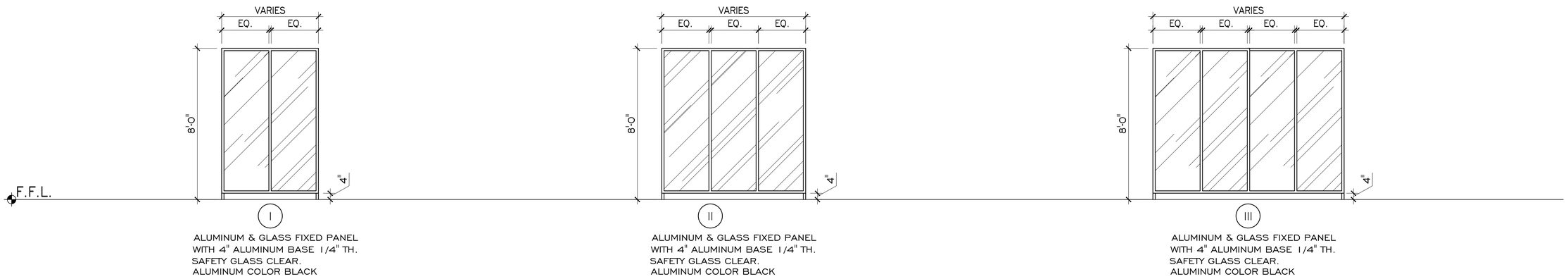

OFFICE FRONT

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

IMPORTANT NOTES:

1- ALL FRAMES SHALL BE SET, ALIGNED, PLUMBED & ADEQUATELY BRACED BEFORE DOORS INSTALLATION.

2- ALL FRAMES SHALL BE-

3- DOORS & OFFICE FRONT SIZES ON SCHEDULES ARE FOR QUOTATION PURPOSE ONLY. FINAL DOOR SIZES SHALL BE COORDINATED BY CONTRACTOR.

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TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERMUDO PAZ LIC. # 12301

NUM. DESCRIPTION BY DATE
REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
OFFICE FRONT TYPES
DETAILS

DRAWING NUMBER
A-4.83
OF

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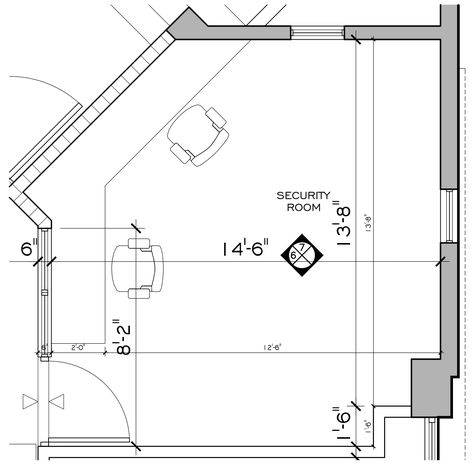
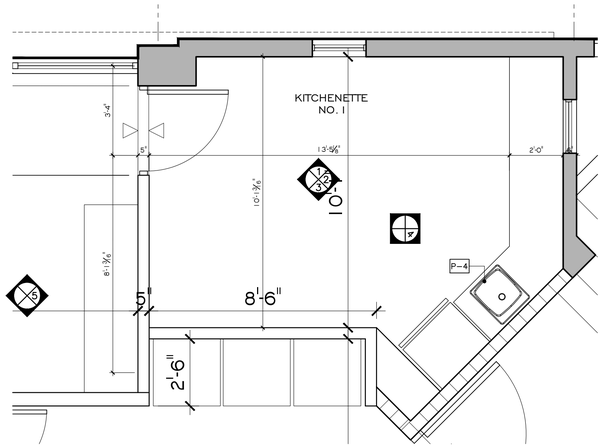


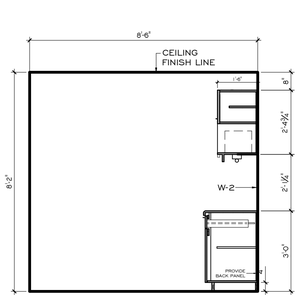
PROPOSED FIRST LEVEL-
SECURITY ROOM ENLARGED PLAN

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



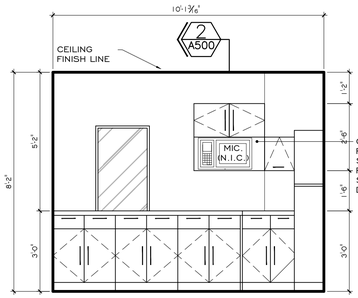
PROPOSED FIRST LEVEL-
KITCHENETTE # 1 ENLARGED PLAN

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



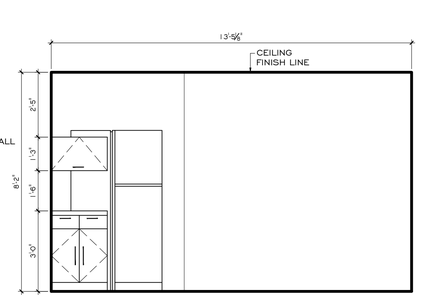
1 A520 ELEVATION

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



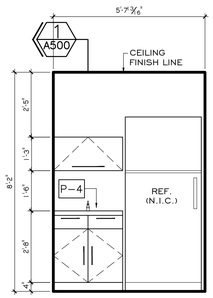
2 A500 ELEVATION

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



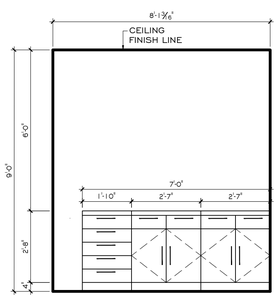
3 ELEVATION

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



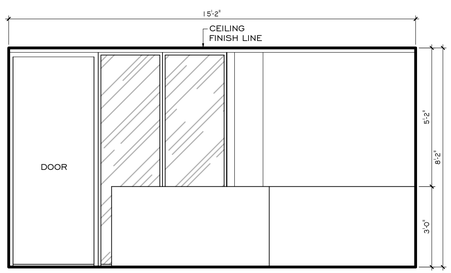
4 ELEVATION

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



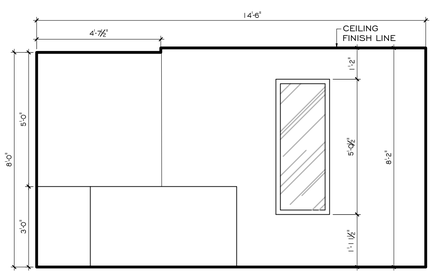
5 ELEVATION

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



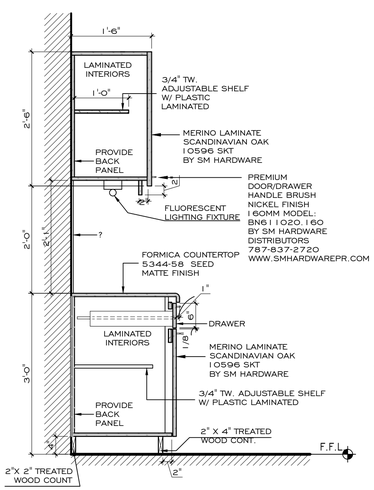
6 ELEVATION

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



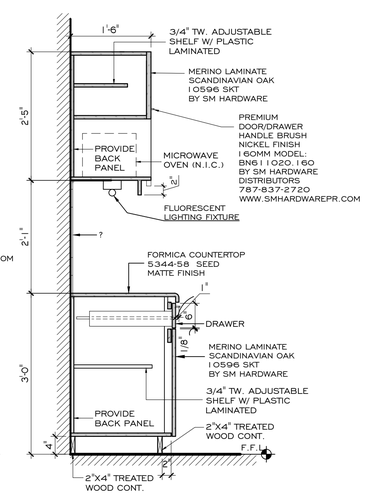
7 ELEVATION

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



1 A520 SECTION

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



2 A500 SECTION

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

1 A520 CABINET DETAIL

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

CABINET NOTES:

1. THE CABINET WORK SHALL INCLUDE THE CONSTRUCTION AND INSTALLATION OF BASE CABINET, SHELVING AND ACCESSORIES.
2. ANY CHANGE IN THE CONSTRUCTION AND INSTALLATION CABINET HAS TO BE APPROVED BY PURCHASING OFFICER.
3. CABINET SHALL COMPLY WITH ANSI A 161.1-1973.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY ALL ACCESSORIES.
5. NO SLIDING DOOR SHALL BE USED. SWINGING DOOR SHALL BE USED WITH MAGNETIC CATCHES AND CONCEALED HINGES.
6. INSTALL METALLIC DRAWER GUIDES ON BOTH SIDES. DO NOT USE SINGLE AND CANTERED GUIDES.
7. PROVIDE DRAWERS AS SHOWN ON DRAWINGS.
8. INTERIOR FINISHES SHALL BE OF PLYWOOD GRADE "B" VENEER OR BETTER, AS SPECIFIED BY AMERICAN PLYWOOD ASSOCIATION.
9. ALL INTERIOR CABINET SURFACES SHALL BE FINISHED WITH AT LEAST TWO COATS OF CLEAR LACQUER OR VARNISH, INCLUDING THE INTERIOR SURFACE OF THE DOORS AND THE BOTTOM OF DRAWERS, INSIDE & OUTSIDE. INTERIOR SHALL BE THOSE THAT ARE NOT IN VIEW WHEN CABINET IS CLOSED.
10. ALL EXTERIOR CABINET SURFACES SHALL BE OF PLASTIC LAMINATED UNLESS OTHERWISE NOTED.
11. ALL CABINET DOORS SHALL BE LAMINATED ON FRONT AND THE FOUR EDGES. ALL INTERIOR CABINET SURFACE SHALL BE LAMINATED. CONTRACTOR SHALL SUBMIT SAMPLES FOR COLOR AND FINISH APPROVAL
12. ALL WOOD MATERIAL (SOLID OR PLYWOOD) SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS TT-W-570 AND TT-W-572.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

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E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersasso Paz LIC. # 12301
TEL. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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DRAWING NUMBER: A-5.00

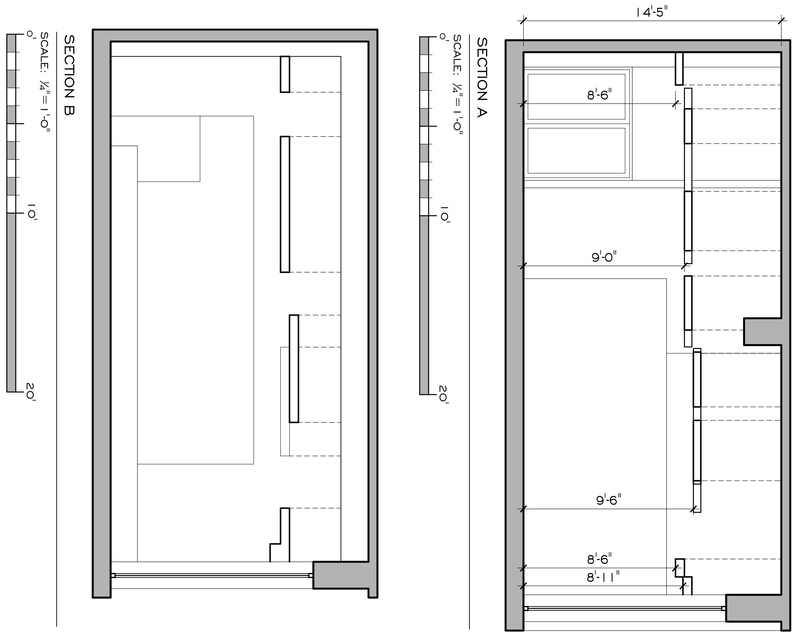
PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

5147 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

PROJECT NO.

CONSTRUCTION PHASE
PROPOSED FIRST LEVEL-
ENLARGED PLANS

OF



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DRAWING NUMBER: A-5.01

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED FIRST LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE

REVISIONS

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
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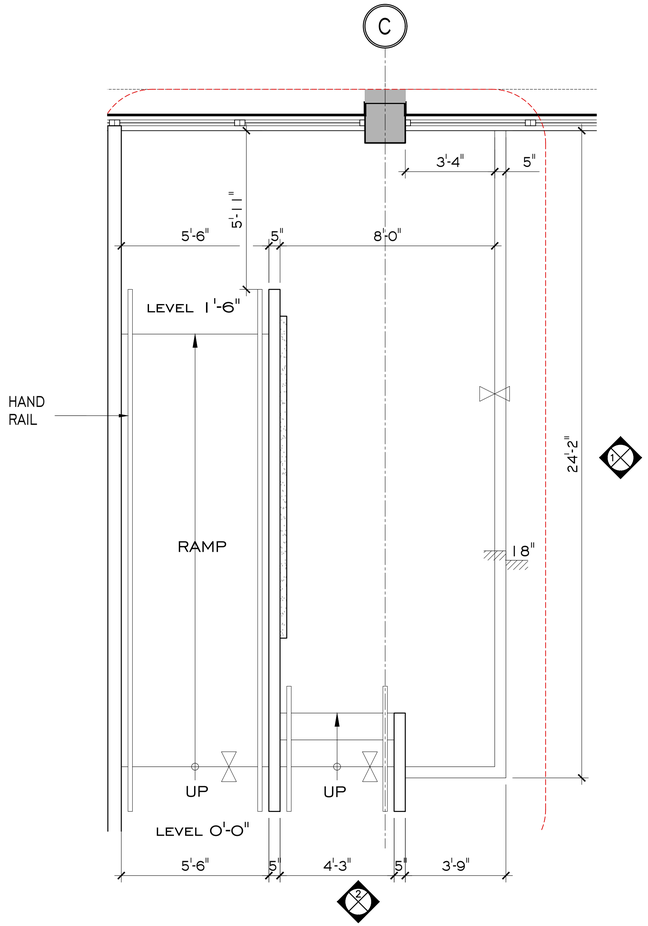
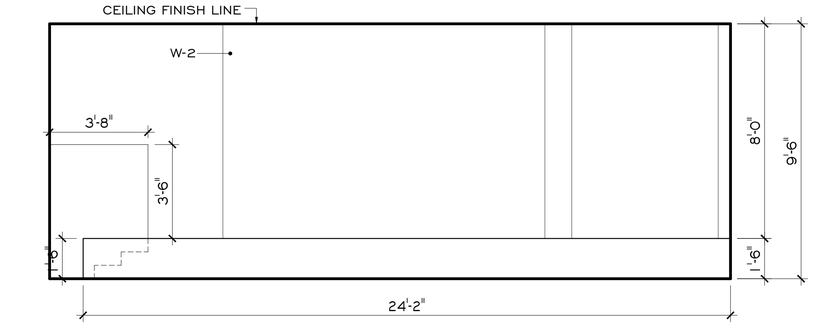


PLATFORM # 1 ENLARGED PLAN - FIRST FLOOR

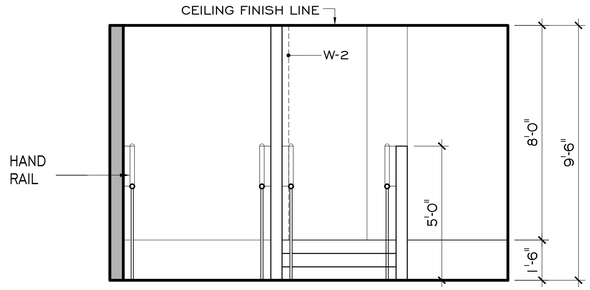
SCALE: $\frac{3}{8}$"= 1'-0"

0' 10' 15'



1 ELEVATION

SCALE: $\frac{3}{8}$"= 1'-0"



2 ELEVATION

SCALE: $\frac{3}{8}$"= 1'-0"

BERSA GROUP PSC
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JOAQUIN BERSOLO PAZ LIC. # 2301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL
PLATFORM # 1 DETAIL

DRAWING NUMBER
A-5.02
OF

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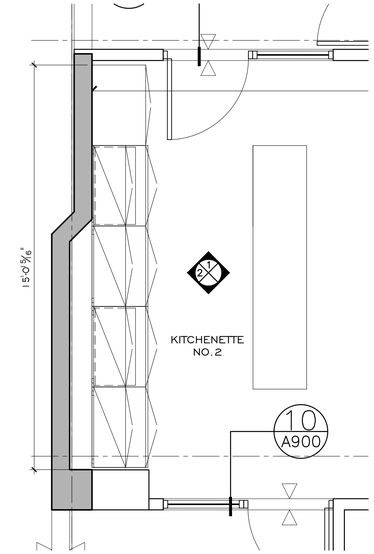
KITCHENETTE FIXTURES SCHEDULE

MKD.	DESCRIPTION	MODEL NO.	COLOR	MANUFACTURER	REMARKS
P-4	KITCHEN SINK	DUH2115	STAINLESS STEEEL	ELKAY	UNDER MOUTH SINGLE BOWL SINK DEPTH 8" DRAIN OPENING 3 1/2" W/ TALBOTT PULL-DOWN KITCHEN FAUCET W/ SOAP DISPENSER

KITCHENETTE ACCESSORIES SCHEDULE

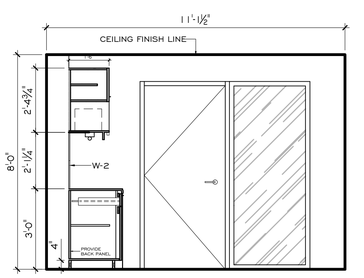
MKD.	DESCRIPTION	MODEL NO.	MANUFACTURER	REMARKS
1				
2				
3				
4				
5				



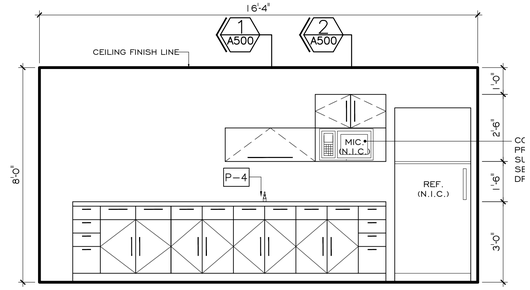
PROPOSED SECOND LEVEL - KITCHENETTE ENLARGED PLAN

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

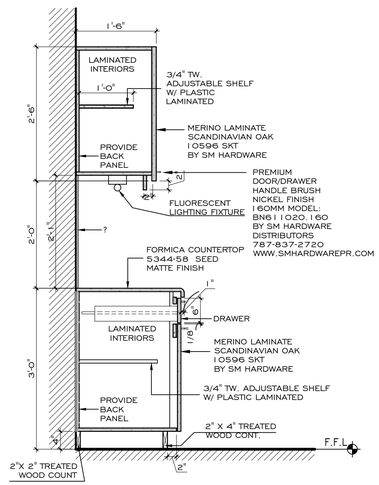
0' 10' 15'



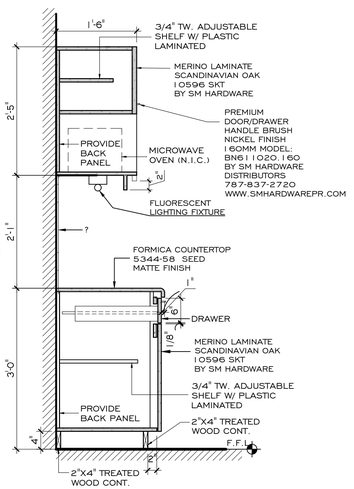
1 A520 ELEVATION
SCALE: 3/8"= 1'-0"



2 A500 ELEVATION
SCALE: 3/8"= 1'-0"



1 A520 SECTION
SCALE: 3/4" = 1'-0"



2 A500 SECTION
SCALE: 3/4" = 1'-0"

CABINET NOTES:

1. THE CABINET WORK SHALL INCLUDE THE CONSTRUCTION AND INSTALLATION OF BASE CABINET, SHELVING AND ACCESSORIES.
2. ANY CHANGE IN THE CONSTRUCTION AND INSTALLATION CABINET HAS TO BE APPROVED BY PURCHASING OFFICER.
3. CABINET SHALL COMPLY WITH ANSI A 161.1-1973.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY ALL ACCESSORIES.
5. NO SLIDING DOOR SHALL BE USED, SWINGING DOOR SHALL BE USED WITH MAGNETIC CATCHES AND CONCEALED HINGES.
6. INSTALL METALLIC DRAWER GUIDES ON BOTH SIDES. DO NOT USE SINGLE AND CANTERED GUIDES.
7. PROVIDE DRAWERS AS SHOWN ON DRAWINGS.
8. INTERIOR FINISHES SHALL BE OF PLYWOOD GRADE "B" VENEER OR BETTER, AS SPECIFIED BY AMERICAN PLYWOOD ASSOCIATION.
9. ALL INTERIOR CABINET SURFACES SHALL BE FINISHED WITH AT LEAST TWO COATS OF CLEAR LACQUER OR VARNISH, INCLUDING THE INTERIOR SURFACE OF THE DOORS AND THE BOTTOM OF DRAWERS, INSIDE & OUTSIDE. INTERIOR SHALL BE THOSE THAT ARE NOT IN VIEW WHEN CABINET IS CLOSED.
10. ALL EXTERIOR CABINET SURFACES SHALL BE OF PLASTIC LAMINATED UNLESS OTHERWISE NOTED.
11. ALL CABINET DOORS SHALL BE LAMINATED ON FRONT AND THE FOUR EDGES. ALL INTERIOR CABINET SURFACE SHALL BE LAMINATED. CONTRACTOR SHALL SUBMIT SAMPLES FOR COLOR AND FINISH APPROVAL
12. ALL WOOD MATERIAL (SOLID OR PLYWOOD) SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS TT-W-570 AND TT-W-572.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

1 A520 CABINET DETAIL
SCALE: 3/4" = 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGOS PAZ LIC. # 12301
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

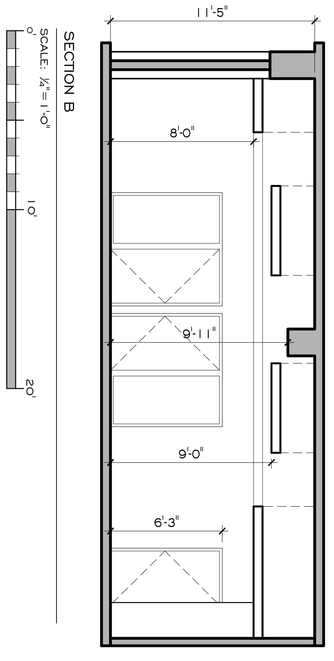
PROJECT NAME:
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León Río Piedras, Puerto Rico, 00926

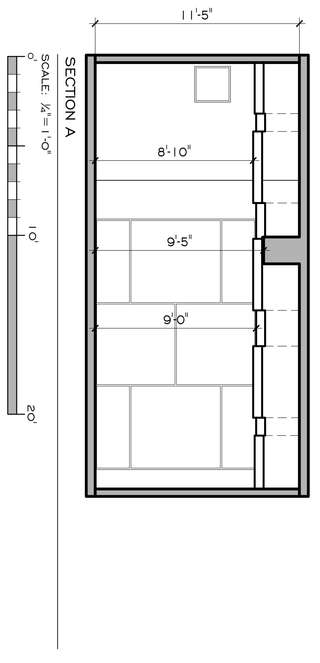
DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL-
ENLARGED PLANS

DRAWING NUMBER:
A-5.20

0F

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.





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DRAWING NUMBER: A-5.21

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED SECOND LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE

REVISIONS

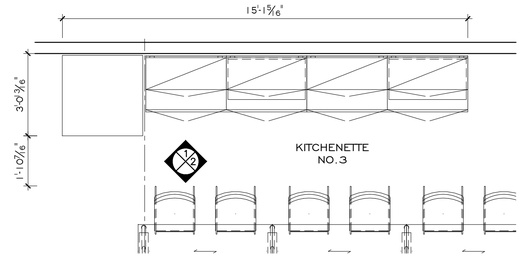
BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERMUDEZ PAZ, LIC. #12301
TEL. : (787) 277-9170
FAX: (787) 277-9045

KITCHENETTE FIXTURES SCHEDULE

MKD.	DESCRIPTION	MODEL NO.	COLOR	MANUFACTURER	REMARKS
P-4	KITCHEN SINK	DUH2115	STAINLESS STEEEL	ELKAY	UNDER MOUTH SINGLE BOWL SINK DEPTH 8" DRAIN OPENING 3 1/2" W/ TALBOTT PULL-DOWN KITCHEN FAUCET W/ SOAP DISPENSER

KITCHENETTE ACCESSORIES SCHEDULE

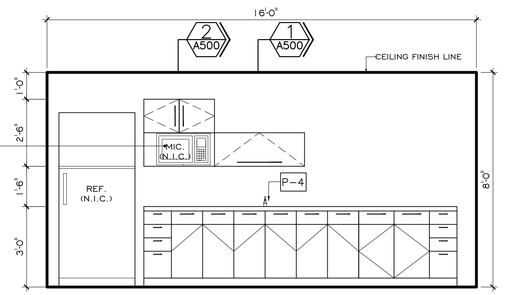
MKD.	DESCRIPTION	MODEL NO.	MANUFACTURER	REMARKS
1				
2				
3				
4				
5				



PROPOSED THIRD LEVEL - KITCHENETTE ENLARGED PLAN

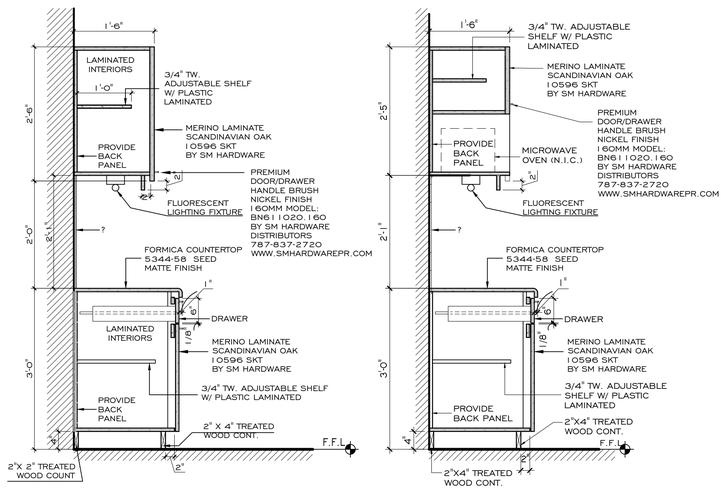
SCALE: 3/8"= 1'-0"

0' 10' 15'



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

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



1 A520 SECTION
SCALE: 3/4" = 1'-0"

2 A500 SECTION
SCALE: 3/4" = 1'-0"

1 A520 CABINET DETAIL

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

CABINET NOTES:

1. THE CABINET WORK SHALL INCLUDE THE CONSTRUCTION AND INSTALLATION OF BASE CABINET, SHELVING AND ACCESSORIES.
2. ANY CHANGE IN THE CONSTRUCTION AND INSTALLATION CABINET HAS TO BE APPROVED BY PURCHASING OFFICER.
3. CABINET SHALL COMPLY WITH ANSI A 161.1-1973.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY ALL ACCESSORIES.
5. NO SLIDING DOOR SHALL BE USED. SWINGING DOOR SHALL BE USED WITH MAGNETIC CATCHES AND CONCEALED HINGES.
6. INSTALL METALLIC DRAWER GUIDES ON BOTH SIDES. DO NOT USE SINGLE AND CANTERED GUIDES.
7. PROVIDE DRAWERS AS SHOWN ON DRAWINGS.
8. INTERIOR FINISHES SHALL BE OF PLYWOOD GRADE "B" VENEER OR BETTER, AS SPECIFIED BY AMERICAN PLYWOOD ASSOCIATION.
9. ALL INTERIOR CABINET SURFACES SHALL BE FINISHED WITH AT LEAST TWO COATS OF CLEAR LACQUER OR VARNISH, INCLUDING THE INTERIOR SURFACE OF THE DOORS AND THE BOTTOM OF DRAWERS, INSIDE & OUTSIDE. INTERIOR SHALL BE THOSE THAT ARE NOT IN VIEW WHEN CABINET IS CLOSED.
10. ALL EXTERIOR CABINET SURFACES SHALL BE OF PLASTIC LAMINATED UNLESS OTHERWISE NOTED.
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12. ALL WOOD MATERIAL (SOLID OR PLYWOOD) SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS TT-W-570 AND TT-W-572.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

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SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersola Paz Lic. # 12301
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

PROJECT NO.

PROJECT NAME:
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

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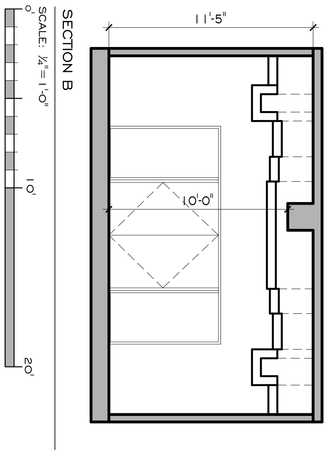
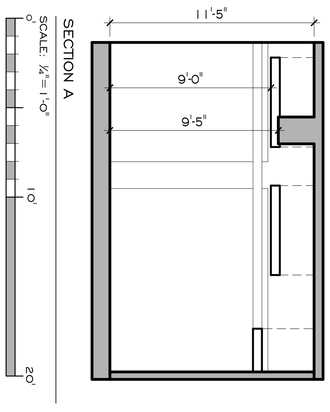
DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL-
ENLARGED PLANS

DRAWING NUMBER
A-5.30

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.





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DRAWING NUMBER: A-5.31

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED THIRD LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE

REVISIONS

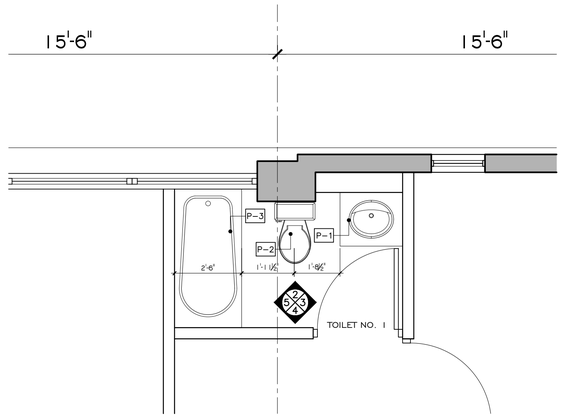
BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERMUDEZ PAZ, LIC. #12301
TEL. : (787) 277-9170
FAX: (787) 277-9045

TOILET & KITCHENETTE FIXTURES SCHEDULE

MKD.	DESCRIPTION	MODEL NO.	COLOR	MANUFACTURER	REMARKS
P-1	TOILET (HANDICAPPED)				CONTRACTOR MUST SUBMIT TOILET FIXTURE FOR ARCHITECT APPROVAL.
P-2	LAVATORY (HANDICAPPED)				CONTRACTOR MUST SUBMIT LAVATORY FIXTURE FOR ARCHITECT APPROVAL.
P-3	SHOWER				CONTRACTOR MUST SUBMIT UTILITIES SINK FIXTURE FOR ARCHITECT APPROVAL.
P-4	KITCHEN SINK	DUH2115	STAINLESS STEEEL	ELKAY	UNDER MOUTH SINGLE BOWL SINK DEPTH 8" DRAIN OPENING 3 1/2" W/ TALBOTT PULL-DOWN KITCHEN FAUCET W/ SOAP DISPENSER

TOILET & KITCHENETTE ACCESSORIES SCHEDULE

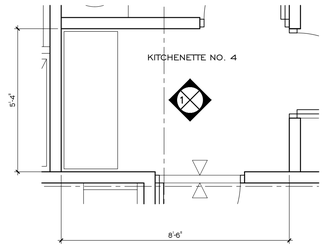
MKD.	DESCRIPTION	MODEL NO.	MANUFACTURER	REMARKS
1	MIRROR			
2	GRAB BAR			
3	TOILET PAPER HOLDER			
4	SOAP DISPENSER			
5	-			



PROPOSED FOURTH LEVEL - BATHROOM ENLARGED PLAN

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

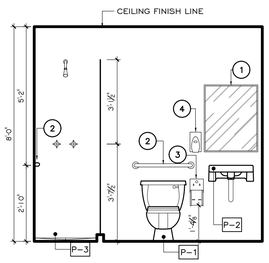
0' 10' 15'



PROPOSED FOURTH LEVEL - KITCHENETTE 1 ENLARGED PLAN

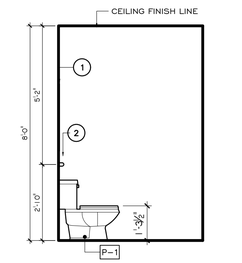
SCALE: 3/8"= 1'-0"

0' 10' 15'



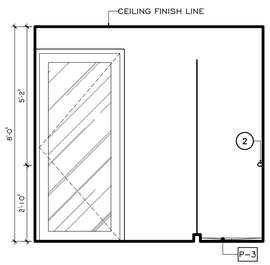
2 ELEVATION

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



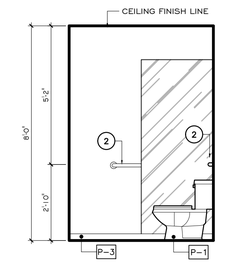
3 ELEVATION

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



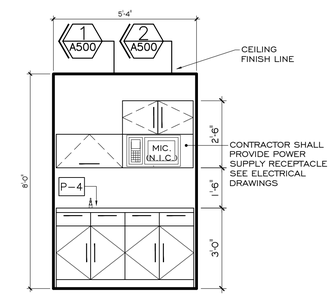
4 ELEVATION

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



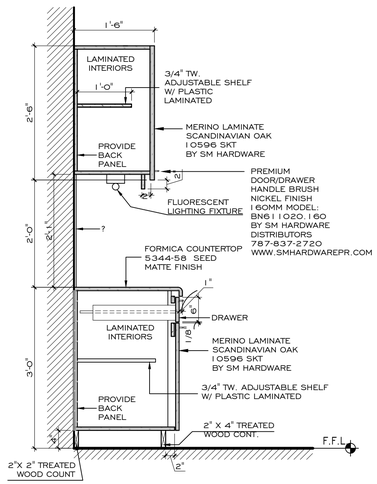
5 ELEVATION

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



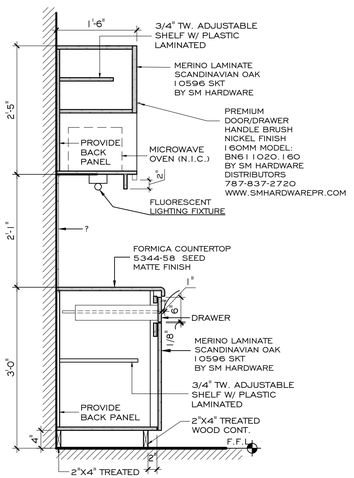
1 ELEVATION

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



1 SECTION

A520 SCALE: 3/4" = 1'-0"



2 SECTION

A500 SCALE: 3/4" = 1'-0"

1 CABINET DETAIL

A520 SCALE: 3/4" = 1'-0"

CABINET NOTES:

1. THE CABINET WORK SHALL INCLUDE THE CONSTRUCTION AND INSTALLATION OF BASE CABINET, SHELVING AND ACCESSORIES.
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7. PROVIDE DRAWERS AS SHOWN ON DRAWINGS.
8. INTERIOR FINISHES SHALL BE OF PLYWOOD GRADE "B" VENEER OR BETTER, AS SPECIFIED BY AMERICAN PLYWOOD ASSOCIATION.
9. ALL INTERIOR CABINET SURFACES SHALL BE FINISHED WITH AT LEAST TWO COATS OF CLEAR LACQUER OR VARNISH, INCLUDING THE INTERIOR SURFACE OF THE DOORS AND THE BOTTOM OF DRAWERS, INSIDE & OUTSIDE. INTERIOR SHALL BE THOSE THAT ARE NOT IN VIEW WHEN CABINET IS CLOSED.
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13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

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E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersasso Paz LIC. # 12301
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

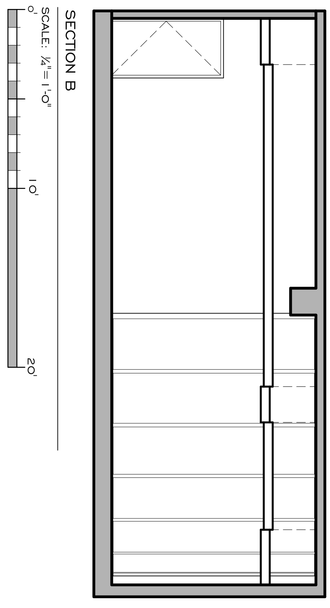
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

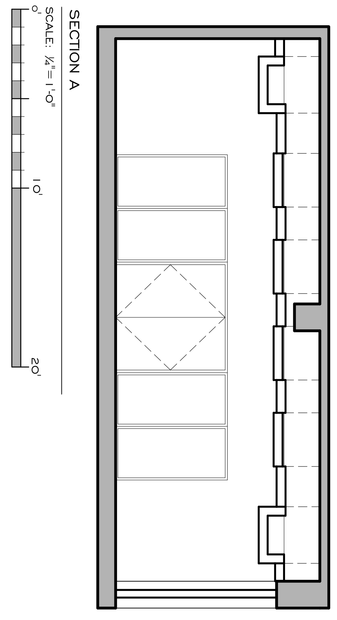
DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL-
ENLARGED PLANS

DRAWING NUMBER
A-5.40

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.





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DRAWING NUMBER: A-5.41

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
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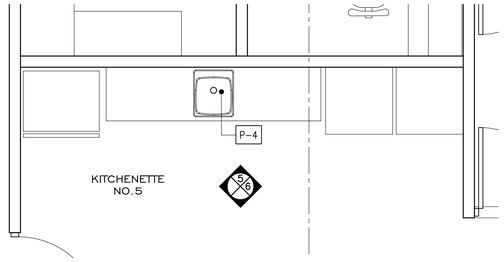
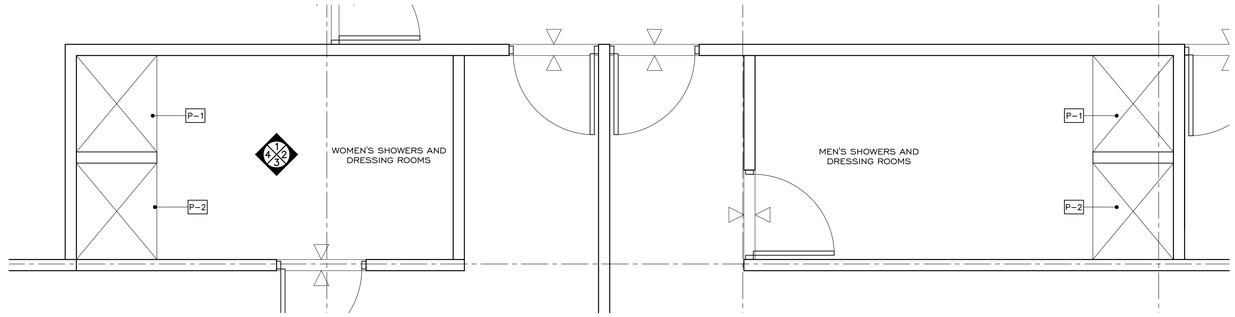
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAMIDO PAZ LIC. #12301



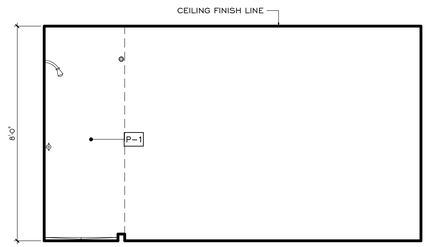
PROPOSED FIFTH LEVEL - KITCHEN ENLARGED PLAN

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

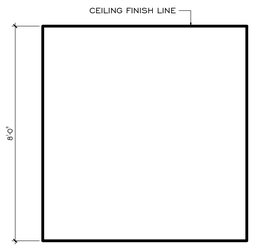


PROPOSED FIFTH LEVEL - SHOWERS & DRESSING ROOMS ENLARGED PLAN

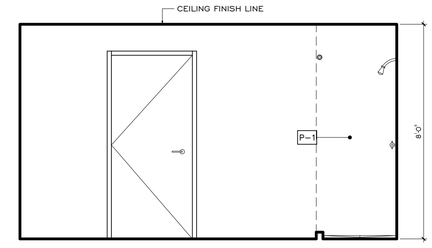
SCALE: 3/8"= 1'-0"



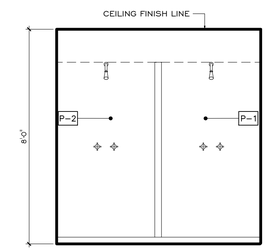
1 ELEVATION
SCALE: 3/8"= 1'-0"



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



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



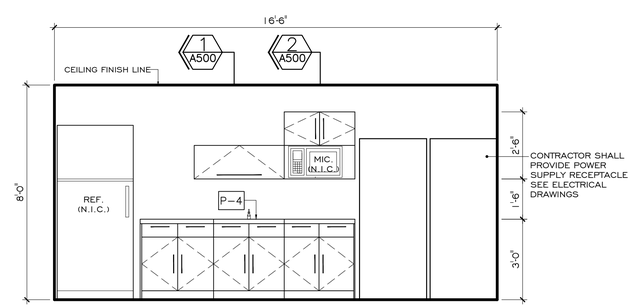
4 ELEVATION
SCALE: 3/8"= 1'-0"

SHOWERS & KITCHEN FIXTURES SCHEDULE

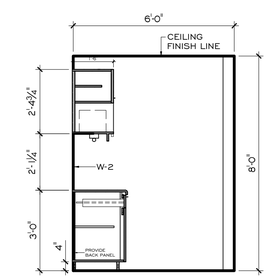
MKD.	DESCRIPTION	MODEL NO.	COLOR	MANUFACTURER	REMARKS
P-4	KITCHEN SINK	DUH2115	STAINLESS STEEEL	ELKAY	UNDER MOUTH SINGLE BOWL SINK DEPTH 8" DRAIN OPENING 3 1/2" W/ TALBOTT PULL-DOWN KITCHEN FAUCET W/ SOAP DISPENSER
P-5	SHOWER #2				CONTRACTOR MUST SUBMIT --- --- FOR ARCHITECT APPROVAL.

SHOWERS & KITCHEN ACCESSORIES SCHEDULE

MKD.	DESCRIPTION	MODEL NO.	MANUFACTURER	REMARKS
1	-			
2	-			
3	-			
4	-			
5	-			



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



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

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersasco Paz Lic. # 12301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL-SHOWERS AND
ENLARGED PLANS

DRAWING NUMBER
A-5.50

OF

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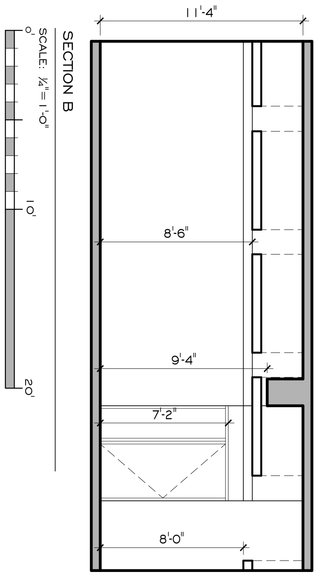

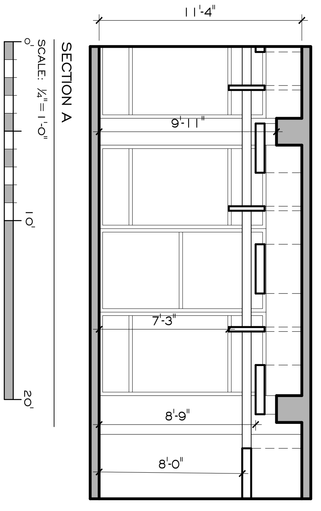

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DRAWING NUMBER: A-5.51

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

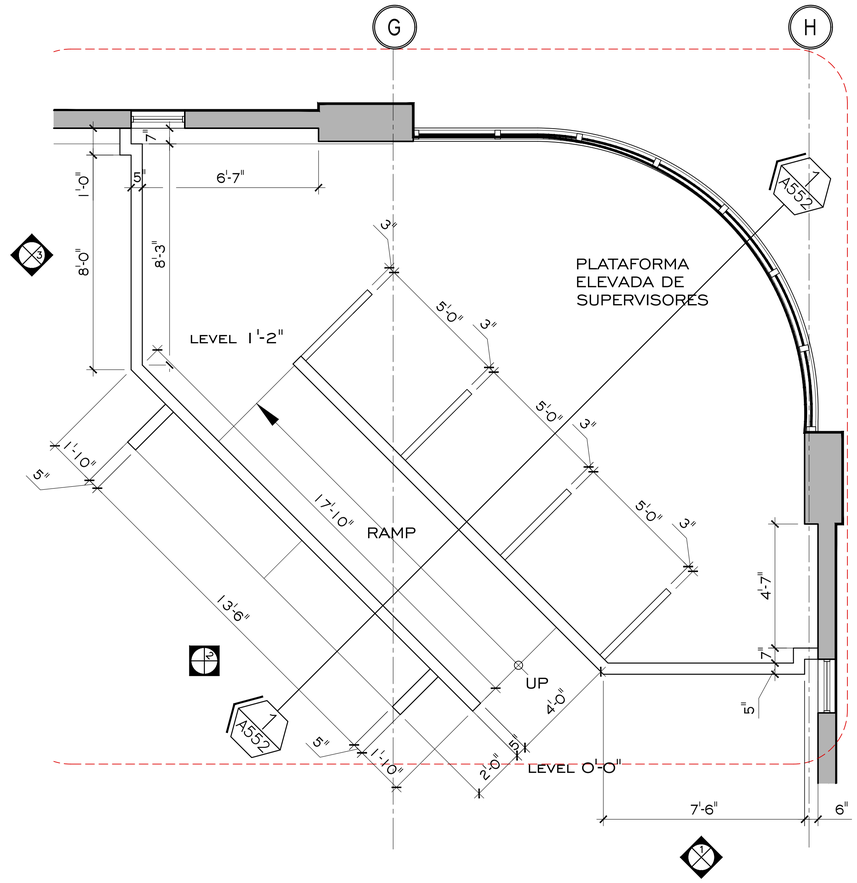
PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE

REVISIONS

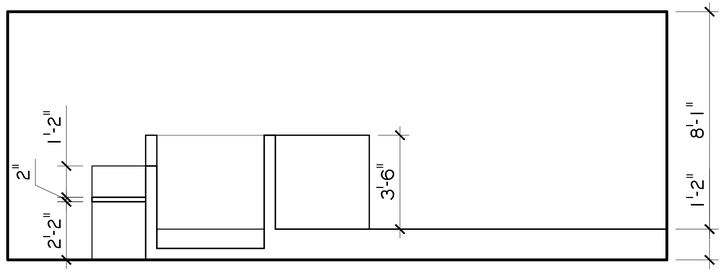
BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERMUDEZ PAZ, LIC. #12301
TEL. : (787) 277-9170
FAX: (787) 277-9045



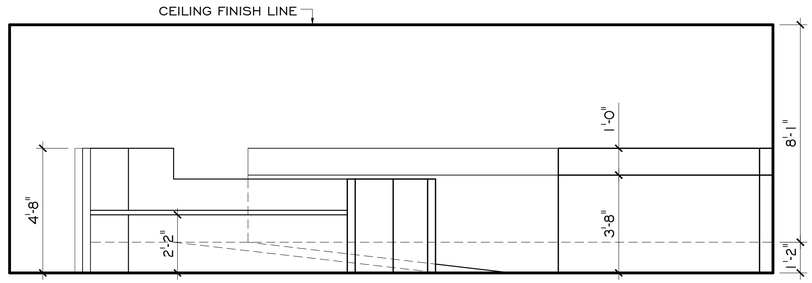
SUPERVISOR PLATFORM #2 ENLARGED PLAN - FIFTH FLOOR

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

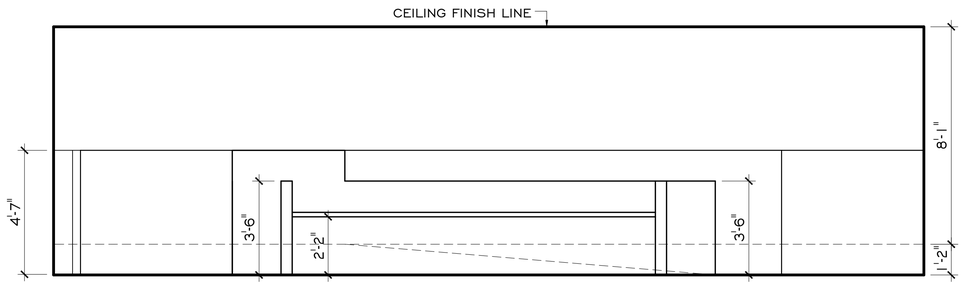
0' 10' 15'



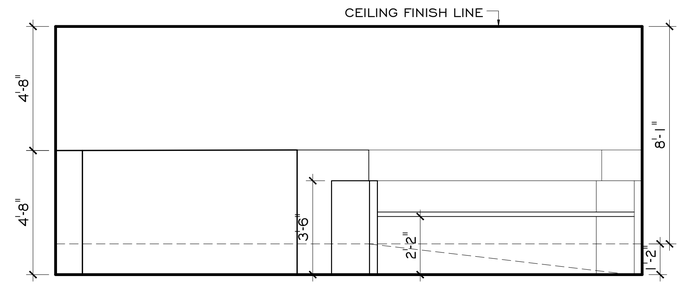
1 A552 SECTION 1
SCALE: 3/8"= 1'-0"



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



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



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

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TEL. : (787) 277-9170
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E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
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NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL
PLATFORM DETAIL

DRAWING NUMBER
A-5.52

OF

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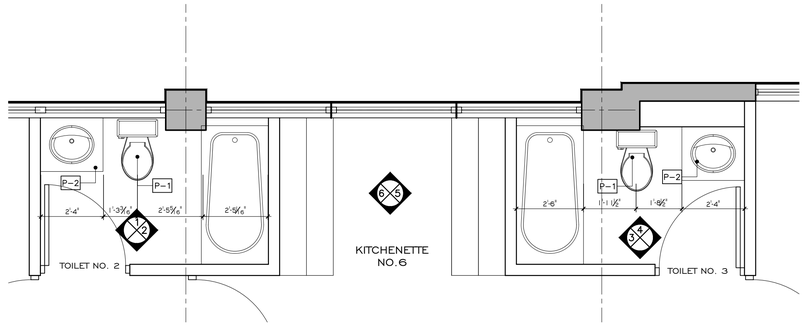
TOILET FIXTURES SCHEDULE

MKD.	DESCRIPTION	MODEL NO.	COLOR	MANUFACTURER	REMARKS
P-1	TOILET (HANDICAPPED)	C43901-WH	WHITE	DELTA	PRELUDE 2-PIECE 1.28 GPF
P-2	LAVATORY	1412	WHITE	HARWICH	WALL HUNG /ELONGATED TOILET LAVATORY
P-3	SHOWER HEAD	G-8301		CAL GREEN	POLISHED CHOME
P-4	SHOWER FAUCET	G-7030 - LM 455-T NOTE: VALVE-G-7005 (CONT)		CAL GREEN	POLISH CHROME CRAFT

TOILET ACCESSORIES SCHEDULE

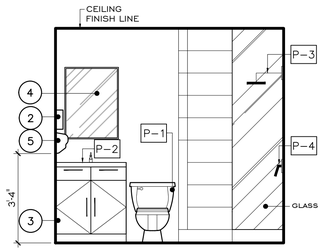
MKD.	DESCRIPTION	MODEL NO.	MANUFACTURER	REMARKS
1	TOILET PAPER HOLDER	ASI 9030		SURFACE MOUNTED DUAL ROLL TOILET PAPER DISPENSER DIST BY ACHA TRADING
2	SOAP DISPENSER	44080-22 OR B-2888	DELTA OR BOBRICK	
3	FURNITURE -SOHO 42"	B400 - 42 - 001-LC - GW - PC		CABINET GLOSSY WHITE W/ C-BASE TOP -X- STONE XTU - 1845 - 42 110 - WH, SINGLE FAUCET HOLE WHITE 42"
4	MIRROR THE TRANQUILITY 42"x36"	IM - TR4236 - 00	DELTA	ILLUMINATED SLIQUE
5	TOWEL PAPER HODER			



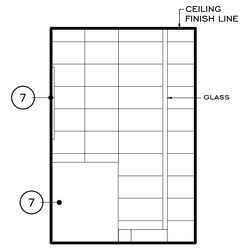
KITCHENETTE & BATHROOMS ENLARGEMENT PLAN - SIXTH FLOOR PLAN

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

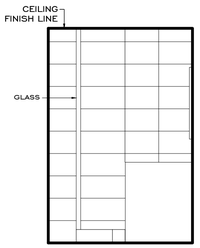
0' 10' 15'



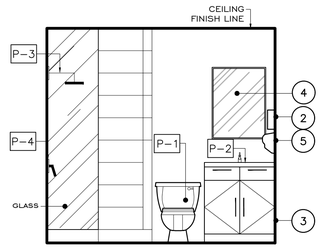
1 A500 ELEVATION
SCALE: 3/8" = 1'-0"



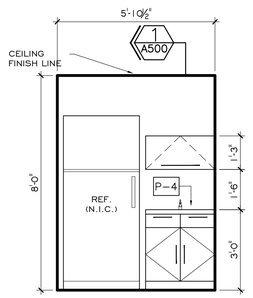
2 A500 ELEVATION
SCALE: 3/8" = 1'-0"



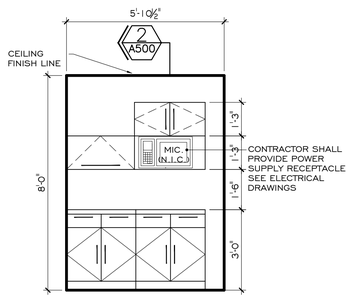
3 A500 ELEVATION
SCALE: 3/8" = 1'-0"



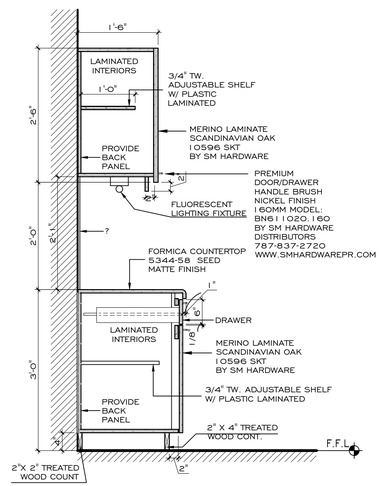
4 A500 ELEVATION
SCALE: 3/8" = 1'-0"



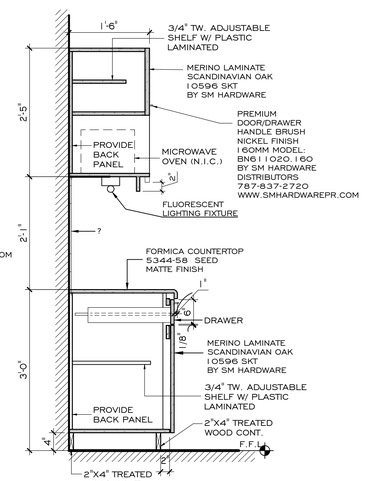
5 A500 ELEVATION
SCALE: 3/8"= 1'-0"



6 A500 ELEVATION
SCALE: 3/8"= 1'-0"



1 A520 SECTION
SCALE: 3/4" = 1'-0"



2 A500 SECTION
SCALE: 3/4" = 1'-0"

1 A520 CABINET DETAIL
SCALE: 3/4" = 1'-0"

CABINET NOTES:

1. THE CABINET WORK SHALL INCLUDE THE CONSTRUCTION AND INSTALLATION OF BASE CABINET, SHELVING AND ACCESSORIES.
2. ANY CHANGE IN THE CONSTRUCTION AND INSTALLATION CABINET HAS TO BE APPROVED BY PURCHASING OFFICER.
3. CABINET SHALL COMPLY WITH ANSI A 161.1-1973.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY ALL ACCESSORIES.
5. NO SLIDING DOOR SHALL BE USED. SWINGING DOOR SHALL BE USED WITH MAGNETIC CATCHES AND CONCEALED HINGES.
6. INSTALL METALLIC DRAWER GUIDES ON BOTH SIDES. DO NOT USE SINGLE AND CANTERED GUIDES.
7. PROVIDE DRAWERS AS SHOWN ON DRAWINGS.
8. INTERIOR FINISHES SHALL BE OF PLYWOOD GRADE "B" VENEER OR BETTER, AS SPECIFIED BY AMERICAN PLYWOOD ASSOCIATION.
9. ALL INTERIOR CABINET SURFACES SHALL BE FINISHED WITH AT LEAST TWO COATS OF CLEAR LACQUER OR VARNISH, INCLUDING THE INTERIOR SURFACE OF THE DOORS AND THE BOTTOM OF DRAWERS, INSIDE & OUTSIDE. INTERIOR SHALL BE THOSE THAT ARE NOT IN VIEW WHEN CABINET IS CLOSED.
10. ALL EXTERIOR CABINET SURFACES SHALL BE OF PLASTIC LAMINATED UNLESS OTHERWISE NOTED.
11. ALL CABINET DOORS SHALL BE LAMINATED ON FRONT AND THE FOUR EDGES. ALL INTERIOR CABINET SURFACE SHALL BE LAMINATED. CONTRACTOR SHALL SUBMIT SAMPLES FOR COLOR AND FINISH APPROVAL
12. ALL WOOD MATERIAL (SOLID OR PLYWOOD) SHALL BE PRESSURE TREATED AND KILN DRIED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS TT-W-570 AND TT-W-572.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSACO PAZ LIC. # 2,301

NUM.	REVISIONS DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1,547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL-
ENLARGED PLANS

DRAWING NUMBER
A-5.60

OF

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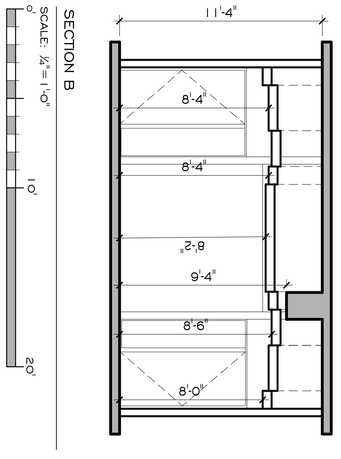

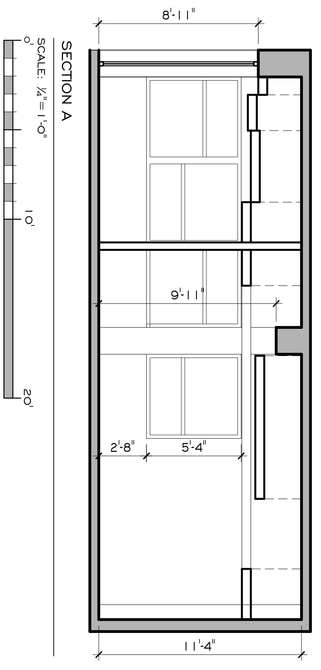

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DRAWING NUMBER: A-561

OF

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL
SECTIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

PROJECT NO.

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

NUM.	DESCRIPTION	BY	DATE

REVISIONS

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERMUDEZ PAZ, LIC. #12301
TEL. : (787) 277-9170
FAX: (787) 277-9045

IMPORTANT NOTES:

1. 2" ROLL INSULATION OVER THE ENTIRE CEILING AREA
2. ALL CONCRETE & OR INFRASTRUCTURE EXPOSURE TUBING OR ELEMENT VISIBLE ON "OPEN TO CEILING" AREAS SHALL BE PAINTED "BLACK COLOR".

LEGEND

- L-1: DOWNLIGHT FIXTURE AF 2/26 DTT 6 AR 120V. BY LITHONIA
- L-1A: DOWNLIGHT FIXTURE ,BY LITHONIA FLUORESCENT
- L-2: 2'X2' MODEL "AVANTE" MATTE-WHITE FINISH, SYMMETRIC, MDR BY LITHONIA
- L-3: 1'X2' MODEL "AVANT" SUSPENDED, AVSM SERIES 2/24 MDR DLS MVOLT GEB10RS, MATTE-WHITE FINISH BY LITHONIA
- L-4: 8¼"X47½" MODEL "SOLI ZONTIO" PENDANT, #40810 CURVED GLASS DIFFUSER BY LIGHTOLIER
- L-5: 2'X2' FLUORESCENT LAMP
- L-6: FP02-7" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-7: ROPE LIGHT ⅜" DIA. BLUE LIGHT COMPLETE W POWER CONNECTION END CAP & MOUNTING CUPS (OVER 24") COORDINATED W ELECTRICAL DWG
- L-8: FP03-10½" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-9: SPECTRAL ARCHITECTURAL, FLUTED PENDANT 16⅛"X29⅜" ANODIZED FINISH BY LIGHTOLIER
- L-10: 2'X2' GLASS WITH OPAL FILM, MODEL "ALTER TILELYTE" 3 LAMP 40 WATT TT5 BY LIGHTOLIER
- L-11: GEMINI PENDALUX, SUSPENDED 28" DIA. 4 LAMP, TWIN STEEL OPAL ACRYLIC CFL TRIPE TUBE, BODY + SUSPENSION BY LIGHTOLIER
- L-12: WALLWASHER LIGHTING FIXTURE AF W/18 DTT 6 AR 120V. BY LITHONIA
- L-13 EMERGENCY LIGHTING FIXTURE
- L-14 EXIT SIGN EDGE-LIT "PRECISE" BY: LITHONIA
- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
- SECURITY CAMERA
- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
- A/C DIFFUSER
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING
- VENTILATION GRILLE

PROPOSED REFLECTED CEILING PLAN - FIRST LEVEL

FIRST LEVEL AREA=8,137.556 SQ.FT.

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

0' 5' 10' 20' 30'

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400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersaco Paz Lic. # 12301

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME: CONSTRUCTION PHASE PROPOSED FIRST LEVEL REFLECTED CEILING PLAN

DRAWING NUMBER: A-6.00

OF

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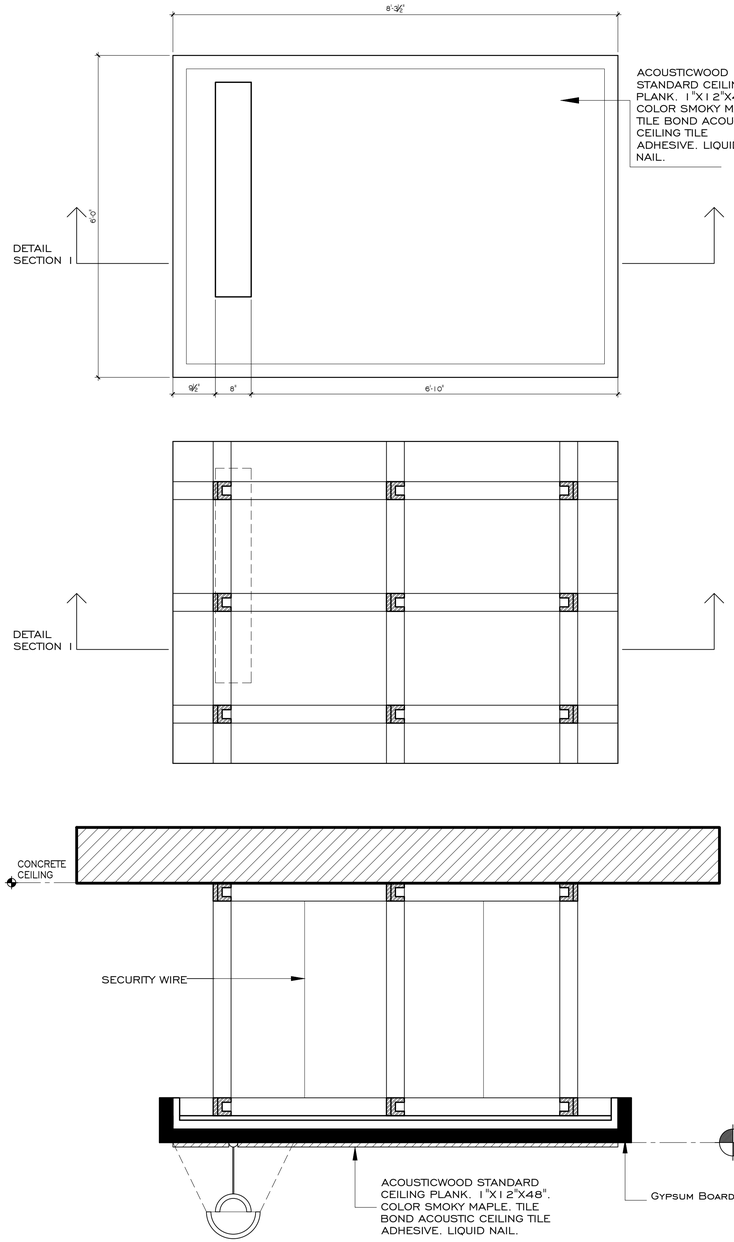
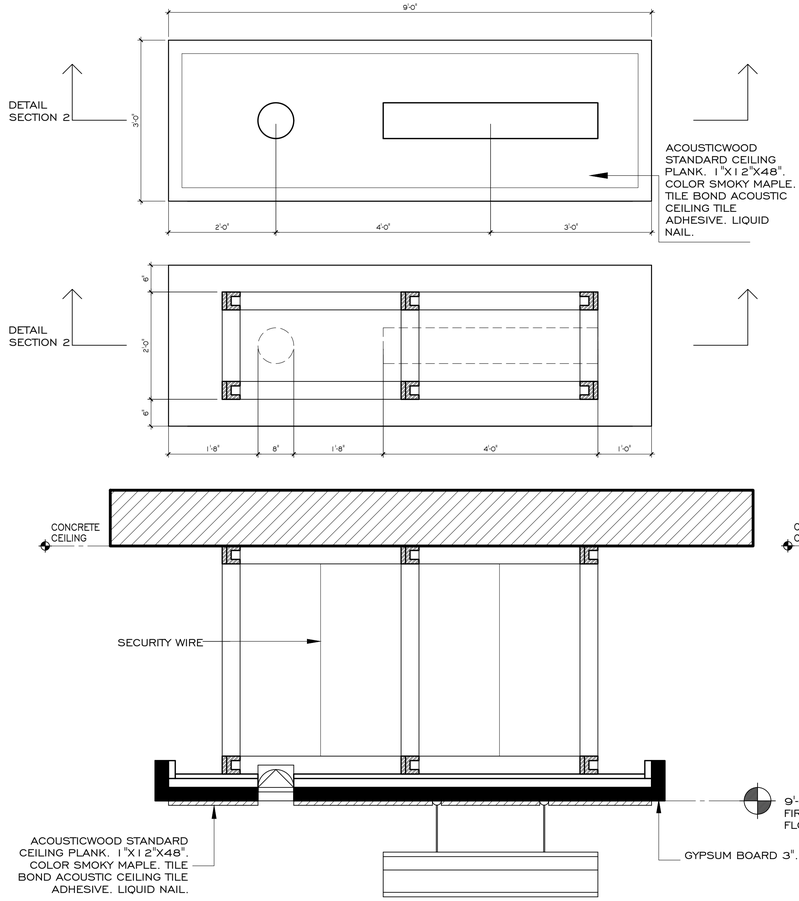


REFLECTED CEILING - DETAIL # 1

SCALE: ¾"= 1'-0"

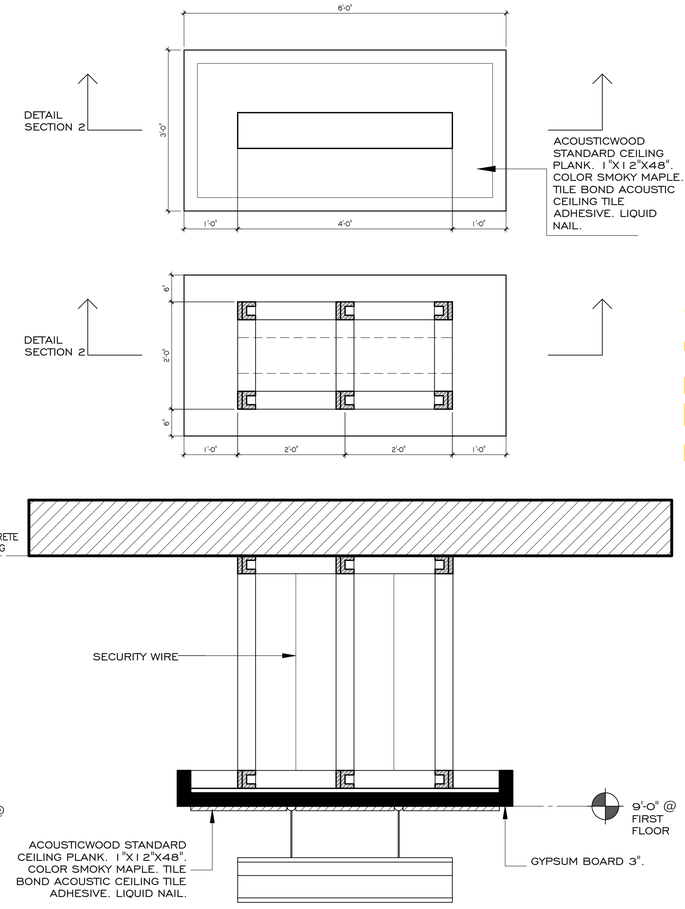
0' 5' 7'



REFLECTED CEILING - DETAIL #2

SCALE: ¾"= 1'-0"

0' 5' 7'



REFLECTED CEILING - DETAIL #3

SCALE: ¾"= 1'-0"

0' 5' 7'

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SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E-MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jakuin Bersaluce Ita Lic. # 11,320

NUM	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED REFLECTED CEILING PLAN
FIRST LEVEL - DETAILS

DRAWING NUMBER
A-6.01

OF

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2. ALL CONCRETE & OR INFRASTRUCTURE EXPOSURE TUBING OR ELEMENT VISIBLE ON "OPEN TO CEILING" AREAS SHALL BE PAINTED "BLACK COLOR".

LEGEND

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- L-1A: DOWNLIGHT FIXTURE ,BY LITHONIA FLUORESCENT
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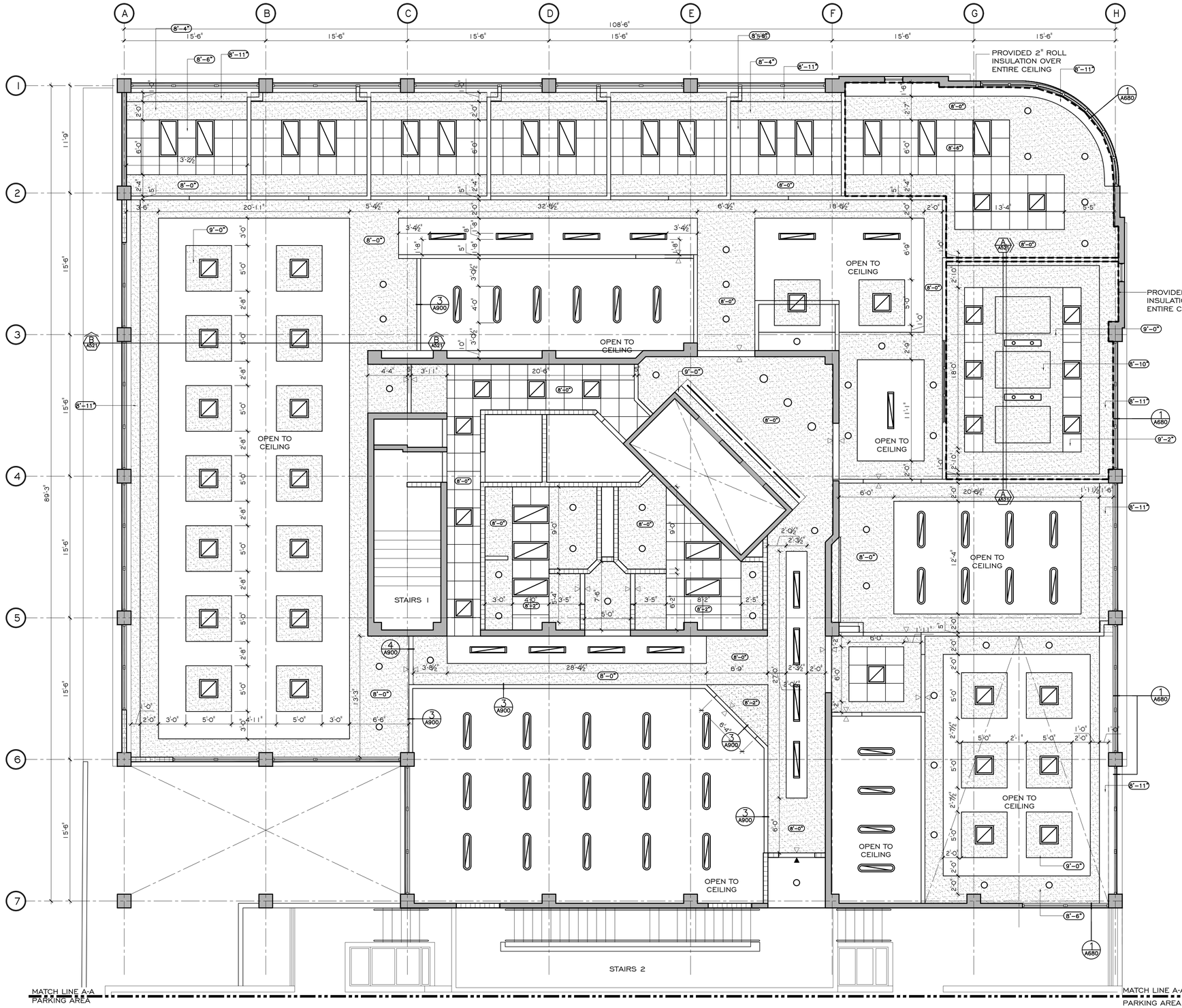
- L-4: 8¼"X47½" MODEL "SOLI ZONTIO" PENDANT, #40810 CURVED GLASS DIFFUSER BY LIGHTOLIER
- L-5: 2'X2' FLUORESCENT LAMP
- L-6: FP02-7" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-7: ROPE LIGHT ⅜" DIA. BLUE LIGHT COMPLETE W POWER CONNECTION END CAP & MOUNTING CUPS (OVER 24") COORDINATED W ELECTRICAL DWG
- L-8: FP03-10½" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-9: SPECTRAL ARCHITECTURAL, FLUTED PENDANT 16⅛"X29⅜" ANODIZED FINISH BY LIGHTOLIER
- L-10: 2'X2' GLASS WITH OPAL FILM, MODEL "ALTER TILELYTE" 3 LAMP 40 WATT TT5 BY LIGHTOLIER
- L-11: GEMINI PENDALUX, SUSPENDED 28" DIA. 4 LAMP, TWIN STEEL OPAL ACRYLIC CFL TRIPE TUBE, BODY + SUSPENSION BY LIGHTOLIER
- L-12: WALLWASHER LIGHTING FIXTURE AF W/18 DTT 6 AR 120V. BY LITHONIA
- L-13 EMERGENCY LIGHTING FIXTURE
- L-14 EXIT SIGN EDGE-LIT "PRECISE" BY: LITHONIA
- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
- SECURITY CAMERA
- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
- A/C DIFFUSER
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING
- VENTILATION GRILLE



PROPOSED REFLECTED CEILING PLAN - SECOND LEVEL

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

0' 5' 10' 20' 30'

SECOND LEVEL AREA=9,357.646 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Berbesa Paz Lic. # 12301

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Rio Piedras, Puerto Rico, 00926

DRAWING NAME: CONSTRUCTION PHASE PROPOSED SECOND LEVEL REFLECTED CEILING PLAN

DRAWING NUMBER: A-6.20

OF

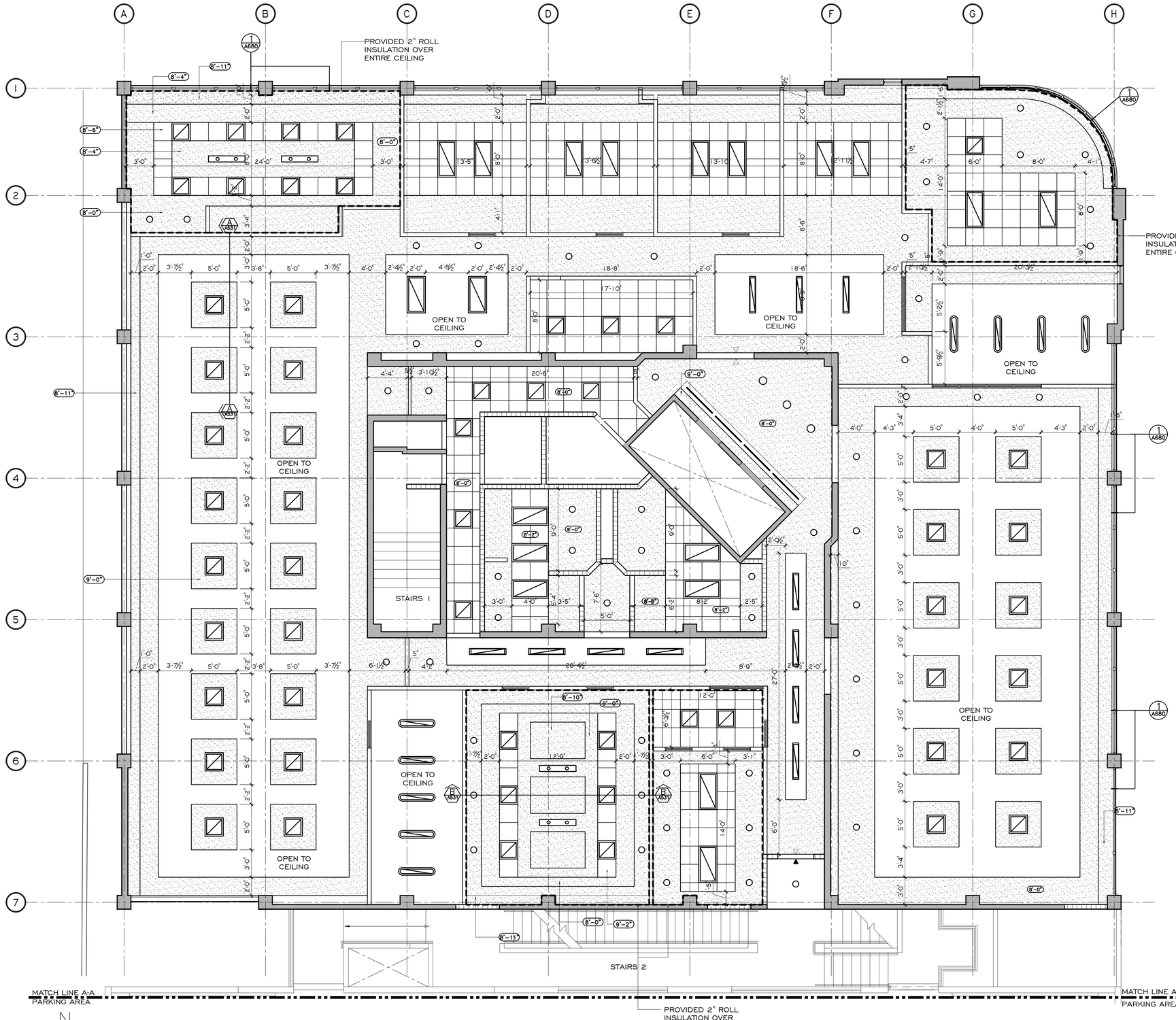
THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

IMPORTANT NOTES:

1. 2" ROLL INSULATION OVER THE ENTIRE CEILING AREA
2. ALL CONCRETE & OR INFRASTRUCTURE EXPOSURE TUBING OR ELEMENT VISIBLE ON "OPEN TO CEILING" AREAS SHALL BE PAINTED "BLACK COLOR".

LEGEND

- L-1: DOWNLIGHT FIXTURE AF 2/26 DTT 6 AR 120V. BY LITHONIA
- L-1A: DOWNLIGHT FIXTURE ,BY LITHONIA FLUORESCENT
- L-2: 2'X2' MODEL "AVANTE" MATTE-WHITE FINISH, SYMMETRIC, MDR BY LITHONIA
- L-3: 1'X2' MODEL "AVANT" SUSPENDED, AVSM SERIES 2/24 MDR DLS MVOLT GEB10RS, MATTE-WHITE FINISH BY LITHONIA
- L-4: 8¾"X47⅛" MODEL "SOLI ZONTIO" PENDANT, #40810 CURVED GLASS DIFFUSER BY LIGHTOLIER
- L-5: 2'X2' FLUORESCENT LAMP
- L-6: FPO2-7" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-7: ROPE LIGHT ⅜" DIA. BLUE LIGHT COMPLETE W POWER CONNECTION END CAP & MOUNTING CUPS (OVER 24") COORDINATED W ELECTRICAL DWG
- L-8: FPO3-10⅜" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
- L-9: SPECTRAL ARCHITECTURAL, FLUTED PENDANT 16⅛"X29⅜" ANODIZED FINISH BY LIGHTOLIER
- L-10: 2'X2' GLASS WITH OPAL FILM, MODEL "ALTER TILELYTE" 3 LAMP 40 WATT T15 BY LIGHTOLIER
- L-11: GEMINI PENDALUX, SUSPENDED 28" DIA. 4 LAMP, TWIN STEEL OPAL ACRYLIC CFL TRIPE TUBE, BODY + SUSPENSION BY LIGHTOLIER
- L-12: WALLWASHER LIGHTING FIXTURE AF W/18 DTT 6 AR 120V. BY LITHONIA
- L-13 EMERGENCY LIGHTING FIXTURE
- L-14 EXIT SIGN EDGE-LIT "PRECISE" BY: LITHONIA
- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
- SECURITY CAMERA
- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
- A/C DIFFUSER
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING
- VENTILATION GRILLE



PROPOSED REFLECTED CEILING PLAN - THIRD LEVEL

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

THIRD LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E-MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jaburn Bersaola Ltd. # 1,230

REVISIONS

NUM	DESCRIPTION	BY	DATE

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL
REFLECTED CEILING PLAN

DRAWING NUMBER
A-6.30

OF

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IMPORTANT NOTES:

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2. ALL CONCRETE & OR INFRASTRUCTURE EXPOSURE TUBING OR ELEMENT VISIBLE ON "OPEN TO CEILING" AREAS SHALL BE PAINTED "BLACK COLOR".

LEGEND

- L-1: DOWNLIGHT FIXTURE AF 2/26 DTT 6 AR 120V. BY LITHONIA
- L-1A: DOWNLIGHT FIXTURE ,BY LITHONIA FLUORESCENT
- L-2: 2'X2' MODEL "AVANTE" MATTE-WHITE FINISH, SYMMETRIC, MDR BY LITHONIA
- L-3: 1'X2' MODEL "AVANT" SUSPENDED, AVSM SERIES 2/24 MDR DLS MVOLT GEB10RS, MATTE-WHITE FINISH BY LITHONIA
- L-4: 8½"X47⅛" MODEL "SOLI ZONTIO" PENDANT, #40810 CURVED GLASS DIFFUSER BY LIGHTOLIER
- L-5: 2'X2' FLUORESCENT LAMP
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- L-7: ROPE LIGHT ⅜" DIA. BLUE LIGHT COMPLETE W POWER CONNECTION END CAP & MOUNTING CUPS (OVER 24") COORDINATED W ELECTRICAL DWG
- L-8: FP03-10½" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
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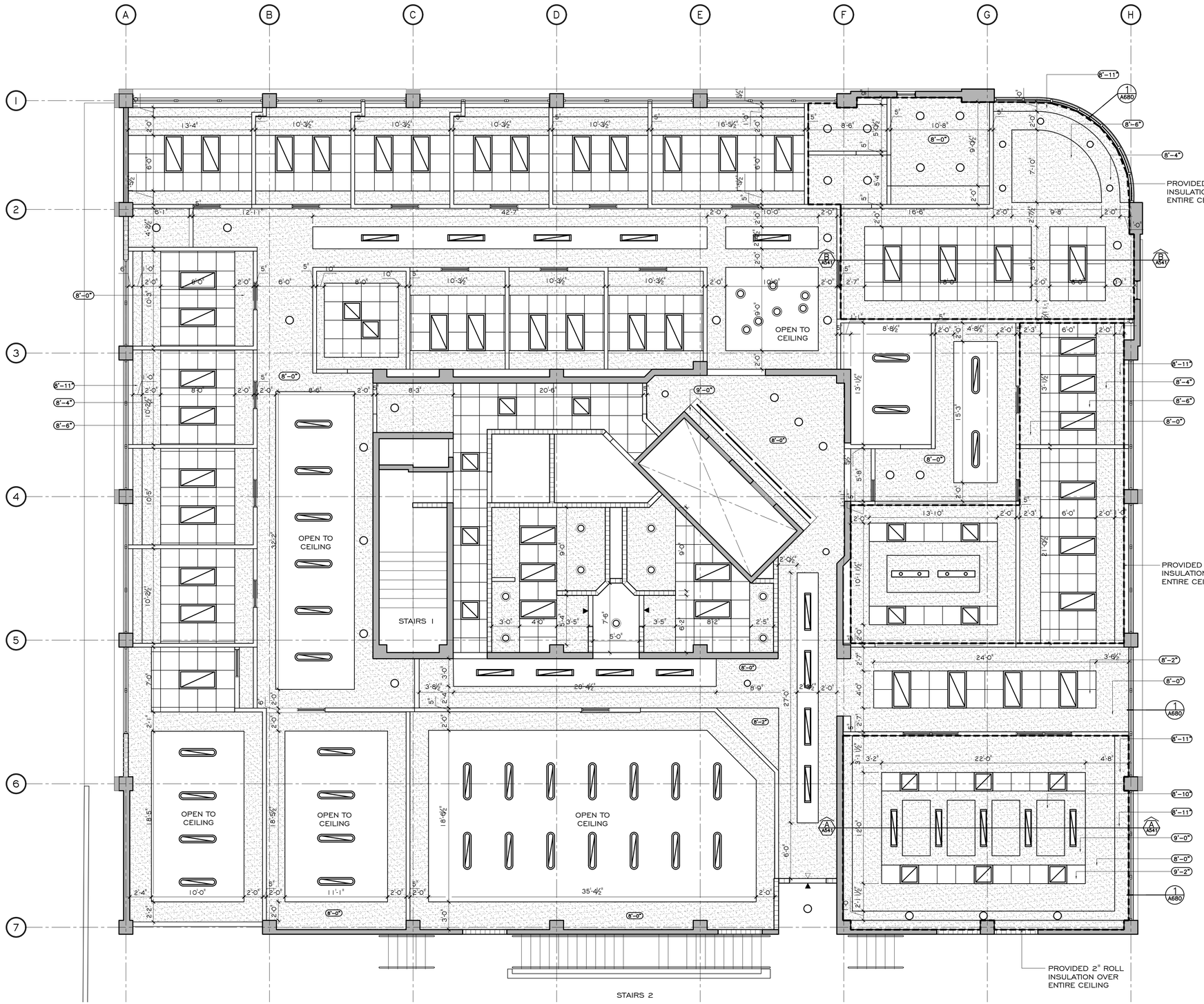
- L-12: WALLWASHER LIGHTING FIXTURE AF W/18 DTT 6 AR 120V. BY LITHONIA
- L-13 EMERGENCY LIGHTING FIXTURE
- L-14 EXIT SIGN EDGE-LIT "PRECISE" BY: LITHONIA
- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
- SECURITY CAMERA
- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
- A/C DIFFUSER
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING
- VENTILATION GRILLE



PROPOSED REFLECTED CEILING PLAN - FOURTH LEVEL

FOURTH LEVEL AREA=9,834.858 SQ.FT.

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

0' 5' 10' 20' 30'

N W E S

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E-MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jadson Bonessa Ing. Lic. # 12321

ADM	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

DRAWING NAME
CONSTRUCTION PHASE
EXISTING FOURTH LEVEL
REFLECTED CEILING PLAN

DRAWING NUMBER
A-6.40
OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

IMPORTANT NOTES:

1. 2" ROLL INSULATION OVER THE ENTIRE CEILING AREA
2. CONTRACTOR MUST REFER ONLY TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LAMP DISTRIBUTION AND MODEL LOCATION.
3. ALL CONCRETE & OR INFRASTRUCTURE EXPOSURE TUBING OR ELEMENT VISIBLE ON "OPEN TO CEILING" AREAS SHALL BE PAINTED "BLACK COLOR".

LEGEND

- L-1: DOWNLIGHT FIXTURE AF 2/26 DTT 6 AR 120V. BY LITHONIA
- L-1A: DOWNLIGHT FIXTURE ,BY LITHONIA FLUORESCENT
- L-2: 2'X2' MODEL "AVANTE" MATTE-WHITE FINISH, SYMMETRIC, MDR BY LITHONIA
- L-3: 1'X2' MODEL "AVANT" SUSPENDED, AVSM SERIES 2/24 MDR DLS MVOLT GEB10RS, MATTE-WHITE FINISH BY LITHONIA
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- L-6: FP02-7" MODEL "VETRO"4¾" PENDANTS, SATIN ALUMINUM FINISH BY LIGHTOLIER
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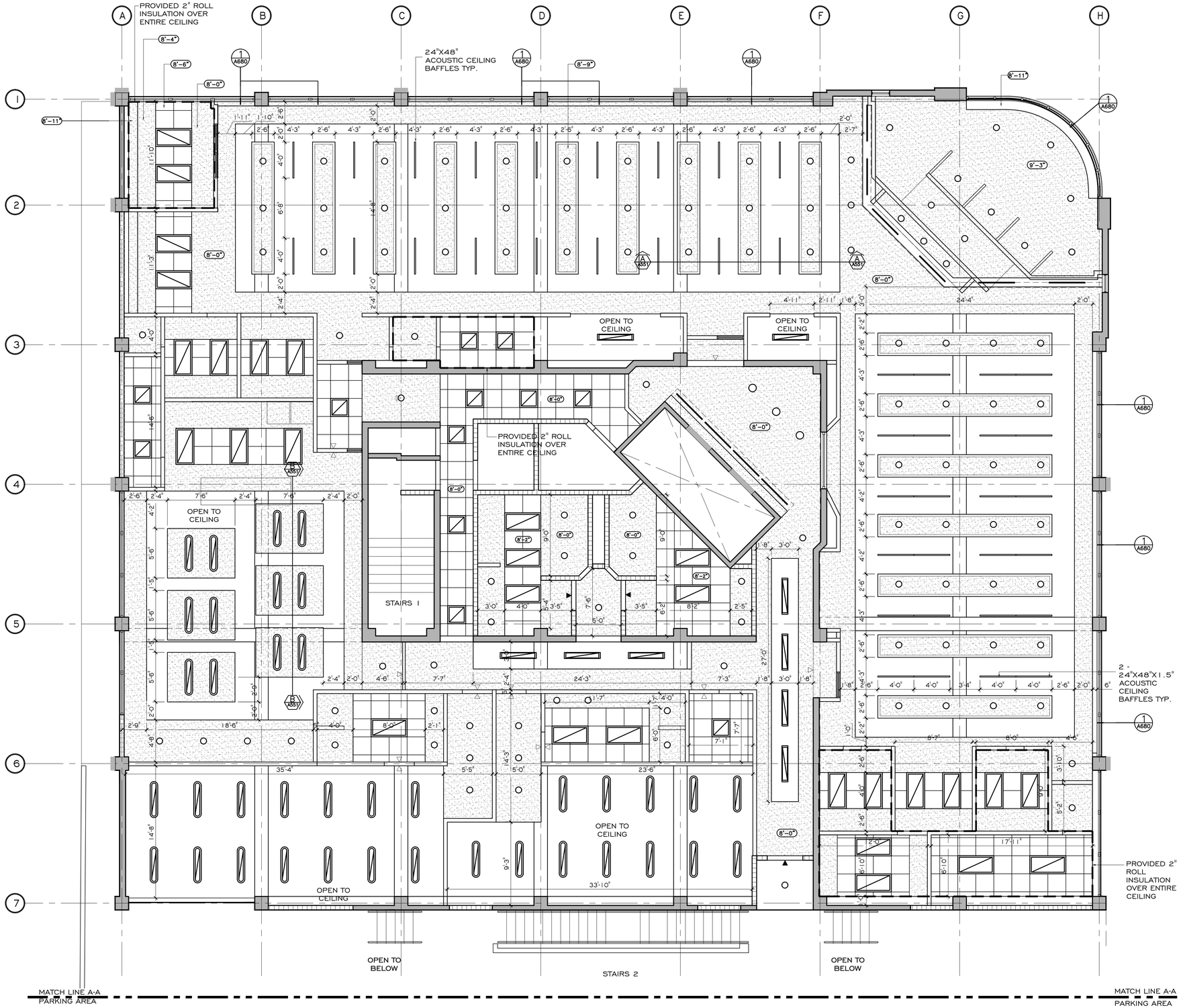
- L-12: WALLWASHER LIGHTING FIXTURE AF W/18 DTT 6 AR 120V. BY LITHONIA
- L-13 EMERGENCY LIGHTING FIXTURE
- L-14 EXIT SIGN EDGE-LIT "PRECISE" BY: LITHONIA
- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
- SECURITY CAMERA
- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
- A/C DIFFUSER
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING



PROPOSED FIFTH LEVEL - REFLECTED CEILING

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

0' 5' 10' 20' 30'

FIFTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSOLO PAZ LIC. # 2,301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME

DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911

1,547 Ave. Ponce De León Río Piedras, Puerto Rico, 00925

IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NUMBER: A-6.50

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL - REFLECTED CEILING

PROJECT NO.

OF

IMPORTANT NOTES:

1. 2" ROLL INSULATION OVER THE ENTIRE CEILING AREA
2. CONTRACTOR MUST REFER ONLY TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LAMP DISTRIBUTION AND MODEL LOCATION.
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LEGEND

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- SD SMOKE DETECTOR
- SPRINKLER
- RETURN GRILLE
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- 0'-0" CEILING ELEVATION FROM F.F.L.
- EXHAUST FAN
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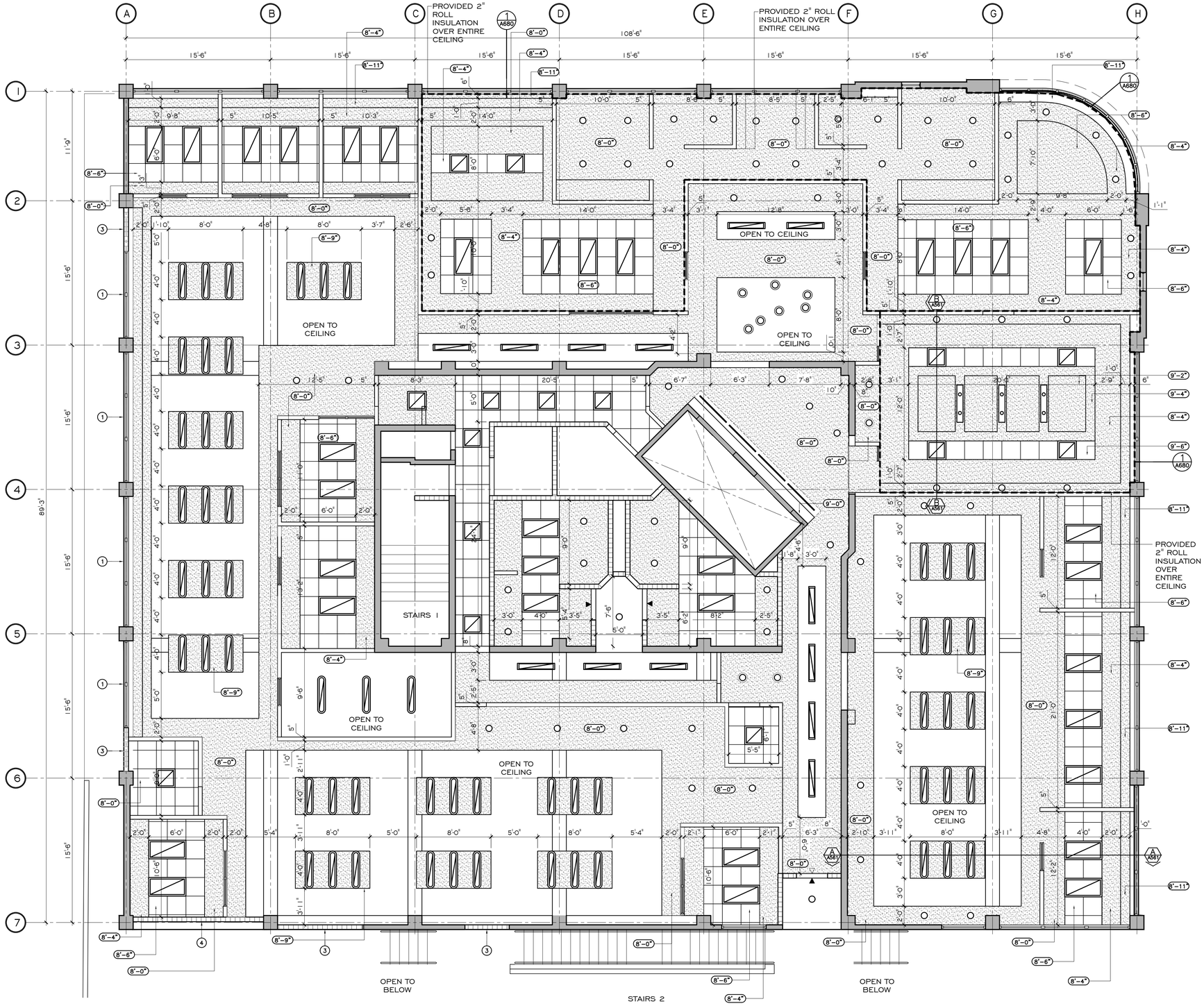
- 2'-0" x 2'-0" SUSPENDED CEILING
- GYP BOARD FASCIA OR CEILING



PROPOSED SIXTH LEVEL - REFLECTED CEILING PLAN

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

0' 5' 10' 20' 30'

SIXTH LEVEL AREA=9,834.858 SQ.FT.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
JOAQUIN BERSAGO PAZ LIC. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME: CONSTRUCTION PHASE PROPOSED SIXTH LEVEL- REFLECTED CEILING PLAN

DRAWING NUMBER: A-6.60

OF

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.

IMPORTANT NOTES:

1. 2" ROLL INSULATION OVER THE ENTIRE CEILING AREA
2. CONTRACTOR MUST REFER ONLY TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LAMP DISTRIBUTION AND MODEL LOCATION.
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LEGEND

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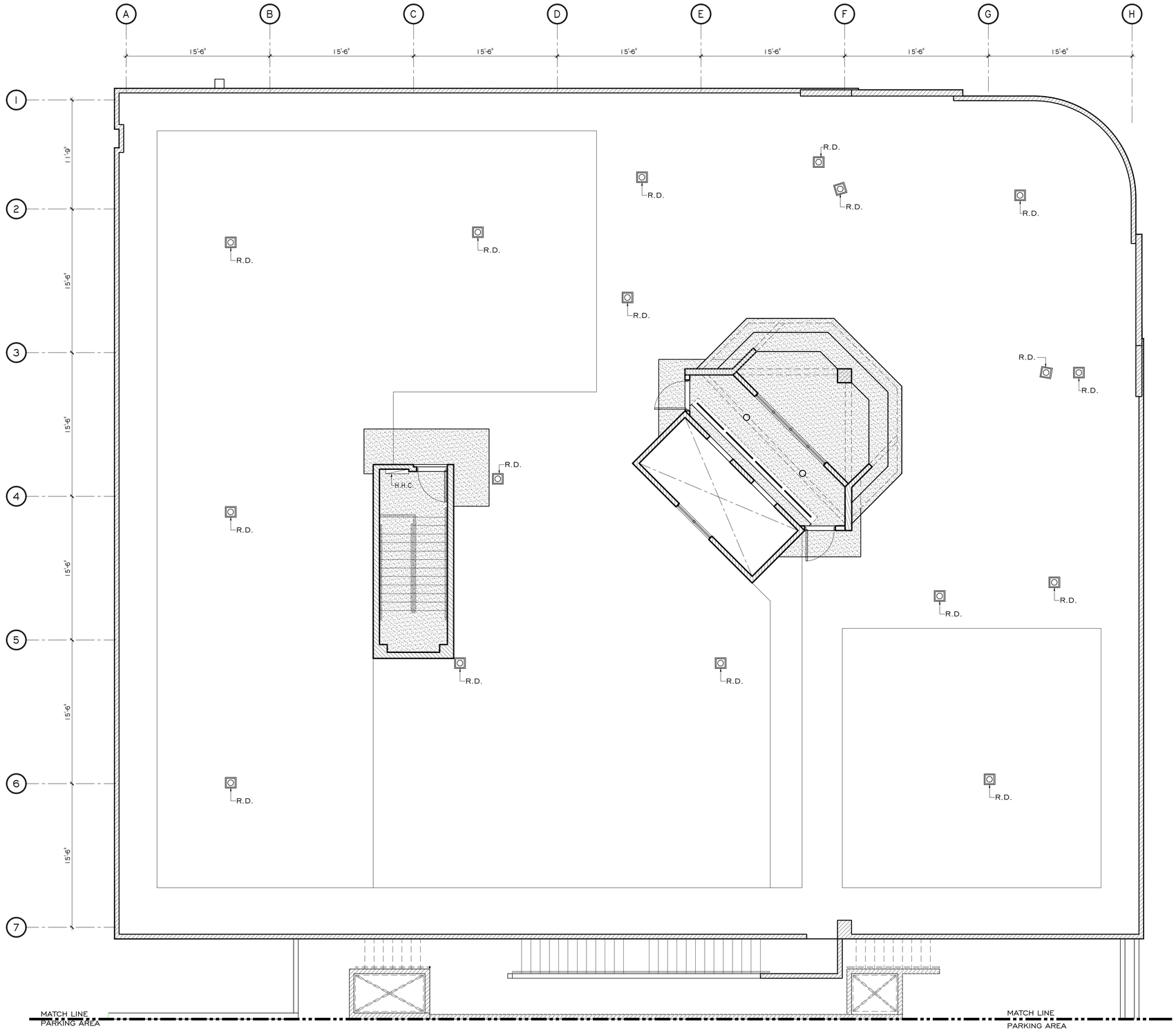

PROPOSED REFLECTIVE CEILING PLAN - ROOF LEVEL

ROOF AREA=10,126.743 SQ.FT.

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL.: (787) 277-9170
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E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Joaquin Bersacco Paz Lic. # 12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

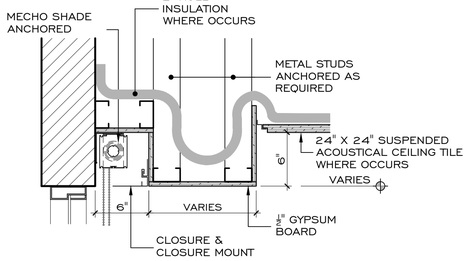
PROJECT NO.

DRAWING NAME: CONSTRUCTION PHASE PROPOSED REFLECTED CEILING PLAN ROOF LEVEL

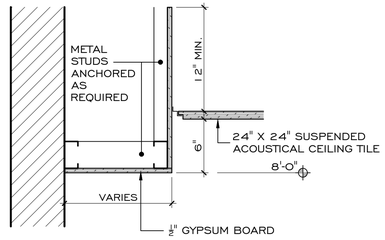
DRAWING NUMBER: A-6.70_RF

OF

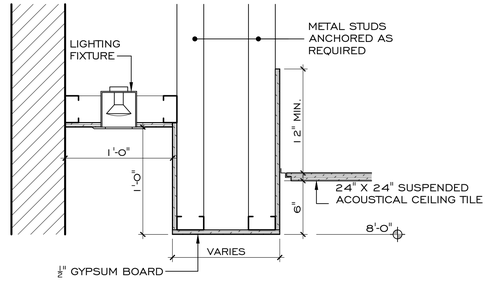
THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED. IT REMAINS THE PROPERTY OF THIS OFFICE AND SHALL NOT BE COPIED REPRODUCED OR EXHIBITED UNLESS PERMISSION IN WRITING IS GRANTED.



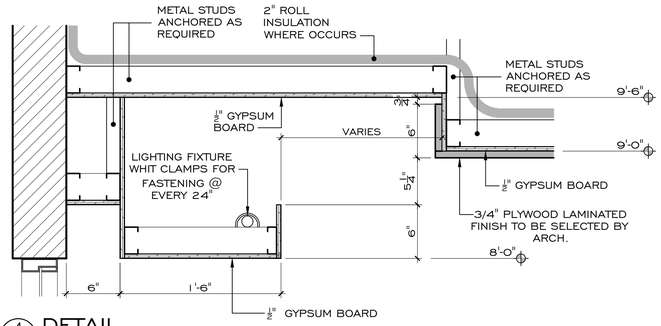
1 A630 DETAIL
SCALE: 3" = 1'-0"



2 A630 DETAIL
SCALE: 3" = 1'-0"



3 A630 DETAIL
SCALE: 3" = 1'-0"



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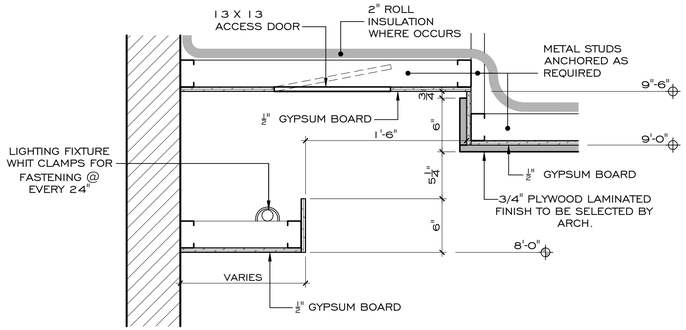

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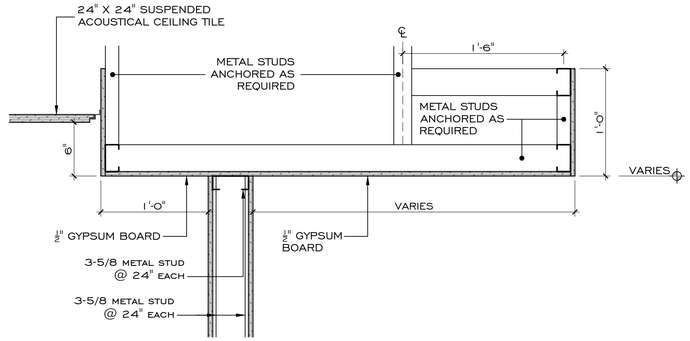

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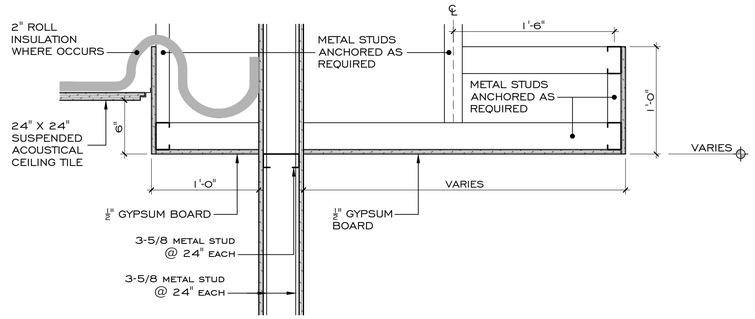
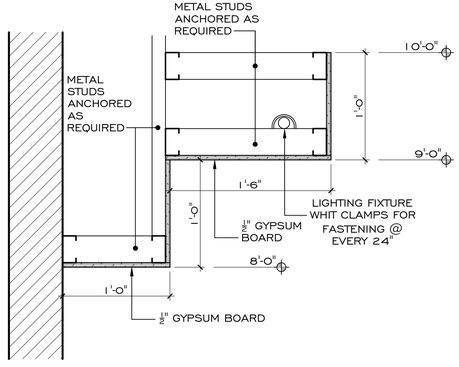
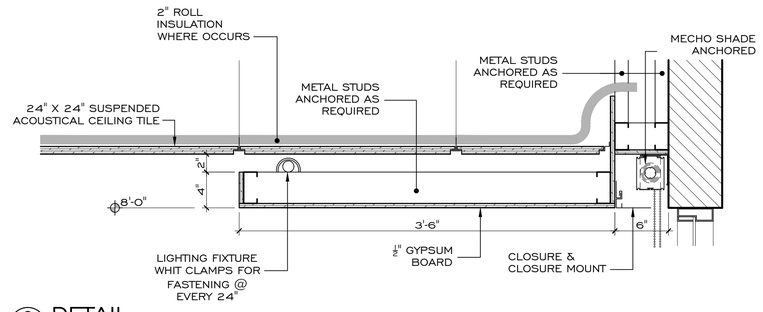


7 A630 DETAIL
SCALE: 3" = 1'-0"



8 A630 DETAIL
SCALE: 3" = 1'-0"



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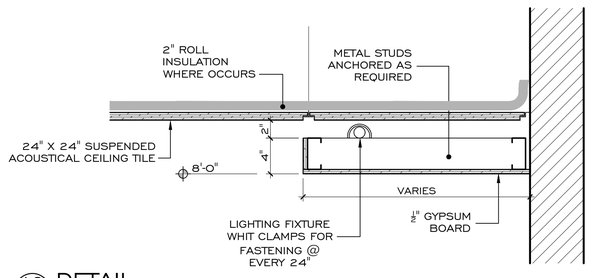

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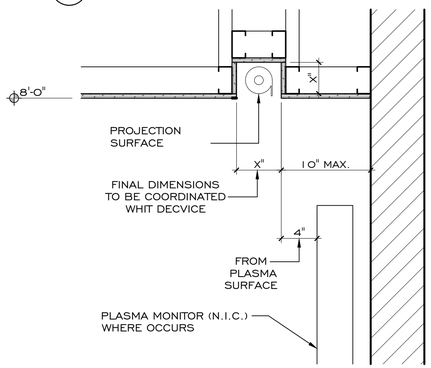
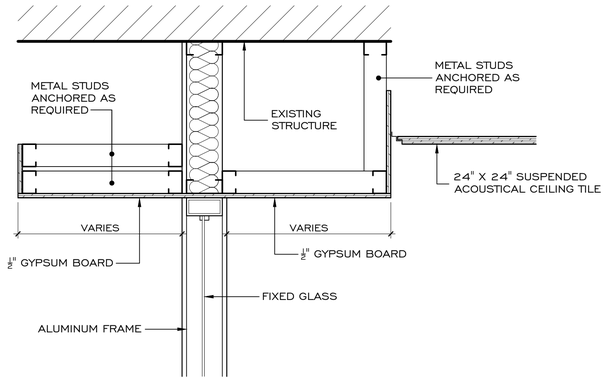


CONFERENCE ROOMS DETAILS
PROJECTION SURFACE

11 A630 DETAIL
SCALE: 3" = 1'-0"



12 A630 DETAIL
SCALE: 3" = 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
WEBSITE: BERSAPSC.COM

NUM	REVISIONS DESCRIPTION	BY	DATE

PROJECT NO.
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
PROJECT NAME
1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

CONSTRUCTION PHASE
CEILING DETAILS
DRAWING NAME

A-6.80
DRAWING NUMBER

OF

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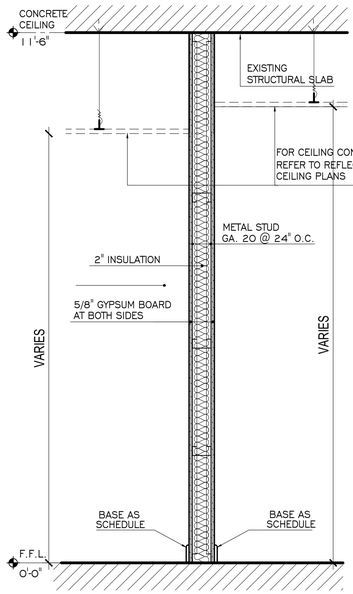
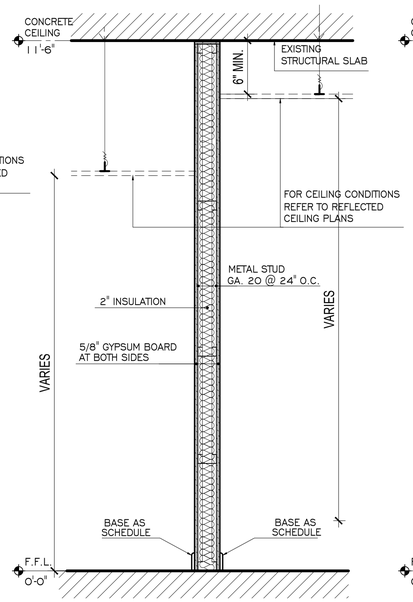
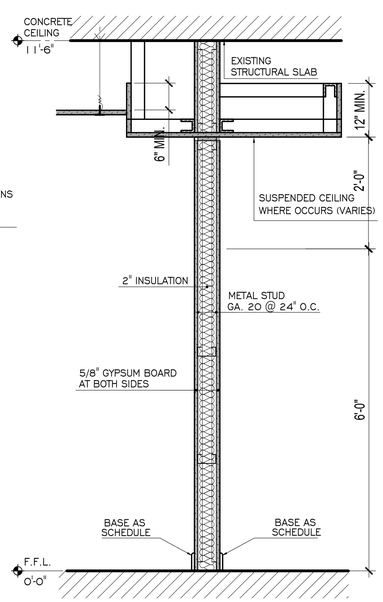


1 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

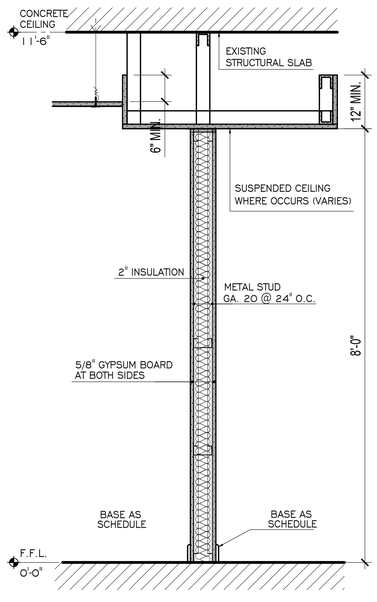


2 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

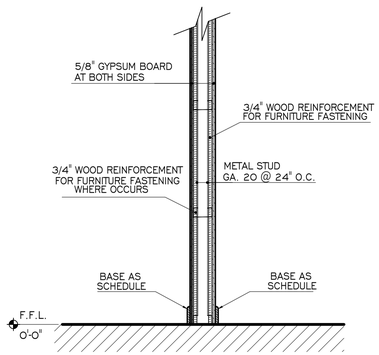
•ALL WALL PARTITION ON JANITORS/KITCHENS OR BATHROOM & TOILETS SHALL BE WATER RESISTANT TYPE.



3 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

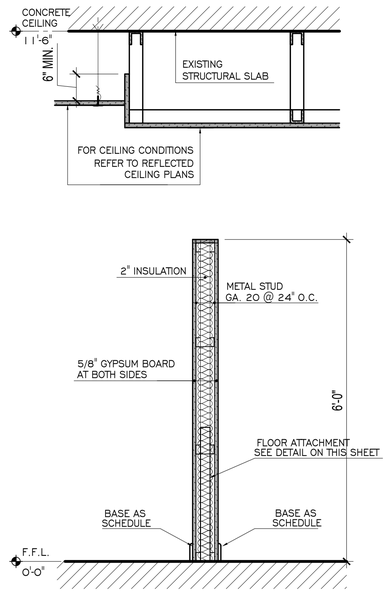


4 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"



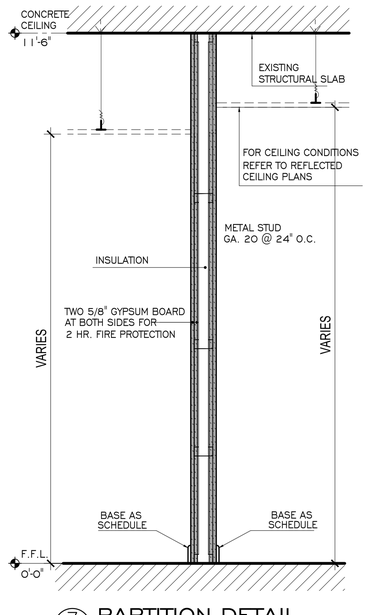
5 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

•ALL WALL PARTITION W/ FURNITURE, EQUIPMENT & ACCESSORIES SHALL BE REINFORCED.

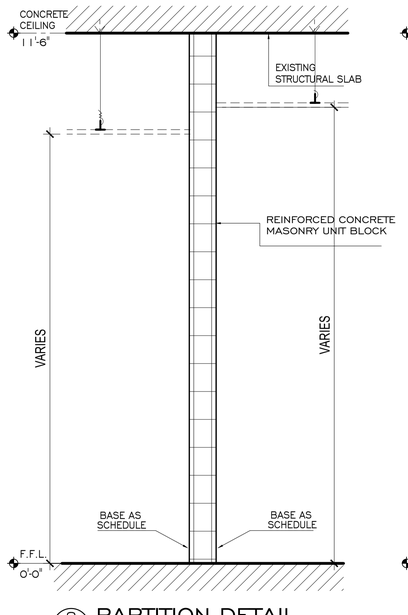


6 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

•SEE TYPICAL FLOOR ATTACHMENT ON THIS SHEET



7 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"



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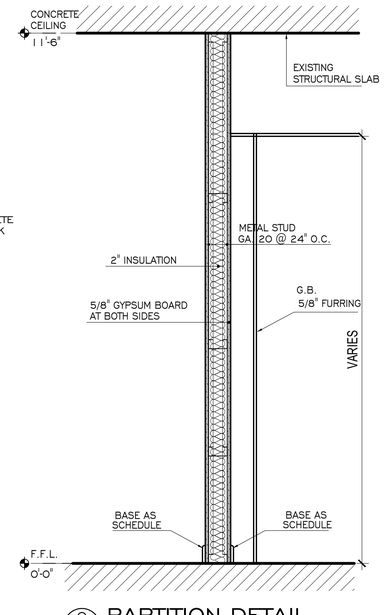
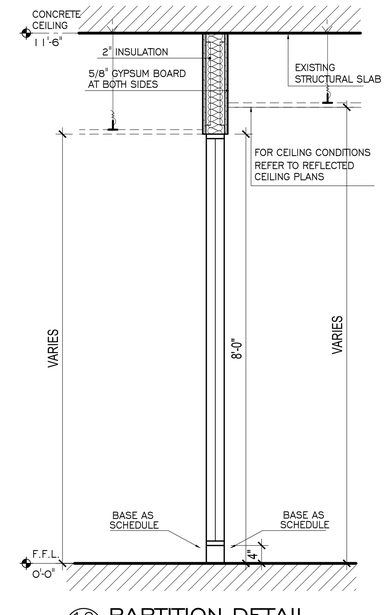
A900 SCALE: 3/4"= 1'-0"



9 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"



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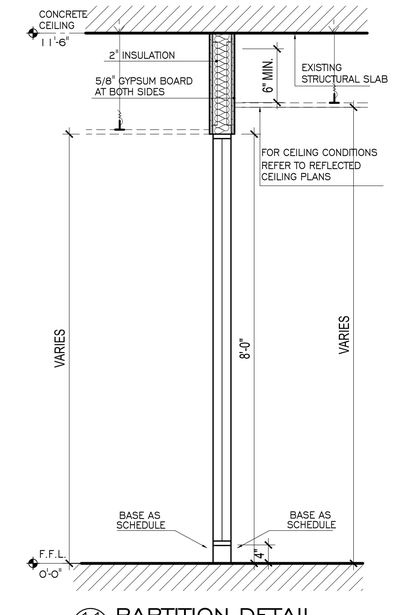
A900 SCALE: 3/4"= 1'-0"



11 PARTITION DETAIL
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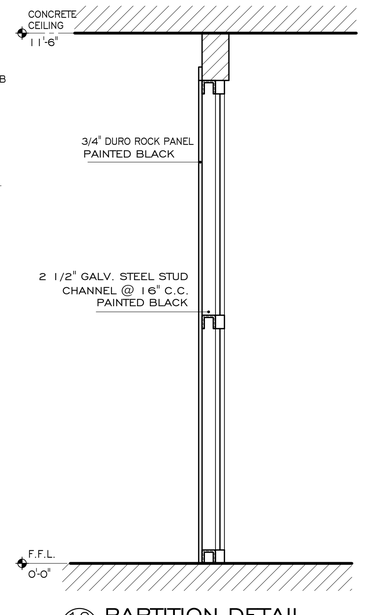

12 PARTITION DETAIL
A900 SCALE: 3/4"= 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
TEL. : (787) 277-9170 FAX: (787) 277-9045
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
Jason Bersa-Pou, A.A.P.R. #12031

NUM	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
CONSTRUCTION PHASE
PARTITIONS DETAILS

DRAWING NUMBER
A-9.00

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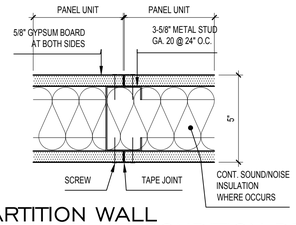
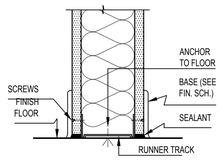


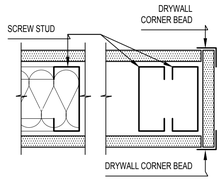
PARTITION WALL INTERMEDIATE CONDITION DETAIL

SCALE: 3" = 1'-0"



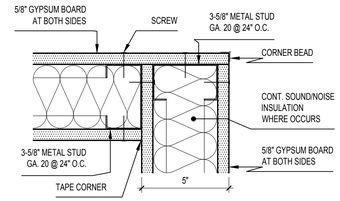
FLOOR ATTACHMENT FOR SINGLE LAYER WALL

SCALE: 3" = 1'-0"



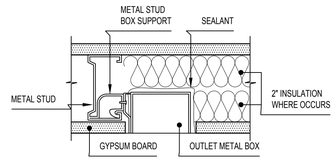
PARTITION WALL END CONDITION DETAIL

SCALE: 3" = 1'-0"



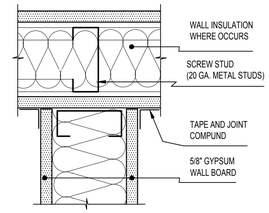
PARTITION WALL CORNER CONDITION DETAIL

SCALE: 3" = 1'-0"



METAL BOX ON DRY WALL

SCALE: 3" = 1'-0"



PARTITION INTERSECTION

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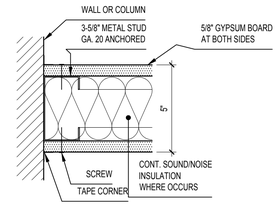
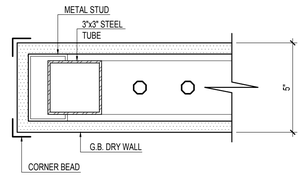
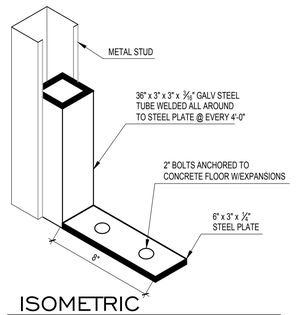


PARTITION WALL END CONDITION DETAIL

SCALE: 3" = 1'-0"



PLAN



ISOMETRIC

TYPICAL FLOOR ATTACHMENT FOR SINGLE LAYER LOW WALL

SCALE: 3" = 1'-0"

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
SAN JUAN PUERTO RICO, 00920-5583
E MAIL: BERSA.ARQUITECTURA@GMAIL.COM
TEL. : (787) 277-9170 FAX: (787) 277-9045

NUM	REVISIONS DESCRIPTION	BY	DATE

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DRAWING NUMBER: A-9.01

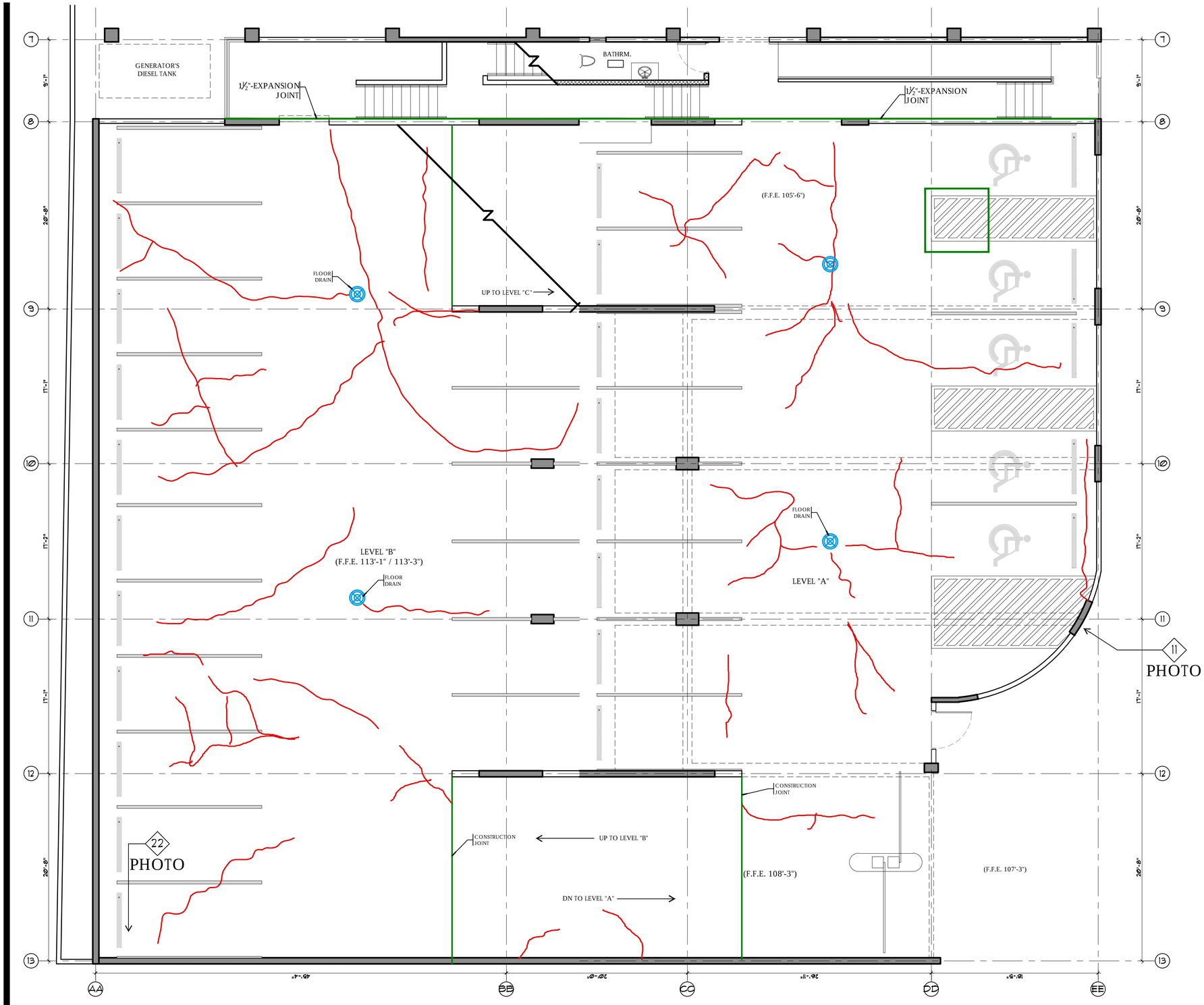
DRAWING NAME: CONSTRUCTION PHASE PARTITIONS DETAILS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

PROJECT NO.

1547 AVE. Ponce de León, Río Piedras, Puerto Rico, 00926

OF



LEGEND:

- DENOTES EXISTING FISSURES IN THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Project / Location

CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

NO.	Date	Remarks

APPROVALS

Drawing Title

PARKING LEVELS "A" AND "B" FLOOR PLAN

Seal

EXISTING PARKING LEVELS "A" AND "B" CONDITION ASSESSMENT FLOOR PLAN

1 SA1 SCALE: 3/16" = 1'-0"

0 1' 5' 10' 20'

YO, DORIS J. QUIÑONES NOMBRE DEL PROFESIONAL, LIC. # 17074, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y L AS ESPACIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS COJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPOSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OIGPe Y OTRAS AUTORIDADES COMPETENTES INCLUYENDO, PERO SIN LIMITARSE A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN OIGPe.

DESIGNED BY: DJQ,MSCE,PE	
DESIGN REVISED BY:	
DRAWN BY:	DWG. REVISED
SCALE: AS SHOWN	
DATE: AUGUST, 2022	

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 -4129
787-644 6131

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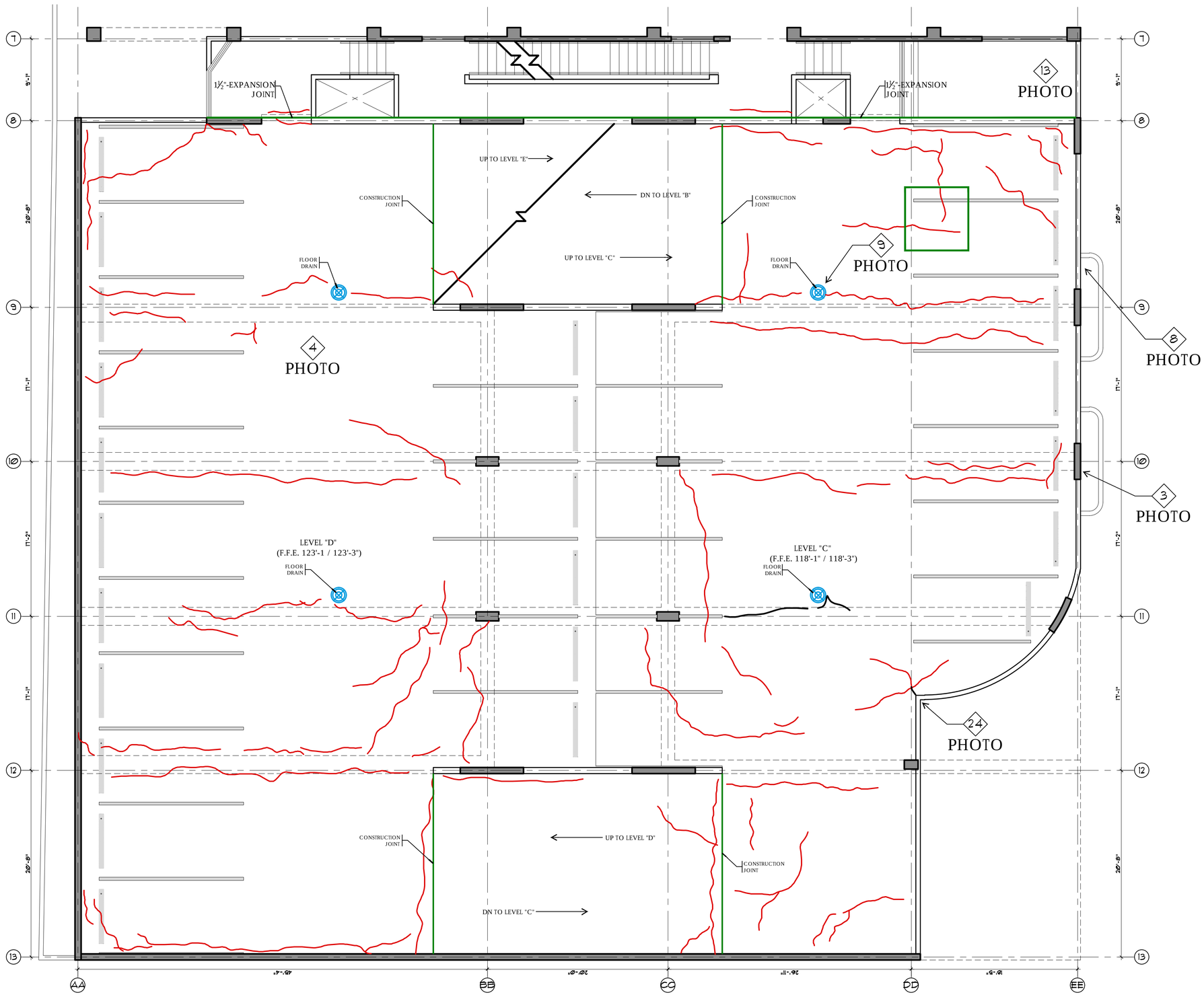
Scale:	Drawing Number
AS NOTED	SA.1
Date:	Page Number



EXISTING PARKING LEVELS "C" AND "D" CONDITION ASSESSMENT FLOOR PLAN

1 / A3 SCALE: 3/16" = 1'-0"

Ø 1' 5' 10' 20'

YO, DORIS J. QUIÑONES NOMBRE DEL PROFESIONAL, LIC. # 17074, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y L AS ESPACIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS COJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPOSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES INCLUYENDO, PERO SIN LIMITARSE A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN OGPe.

DESIGNED BY:	DJQ,MSCE,PE
DESIGN REVISED BY:	
DRAWN BY:	DWG. REVISED
SCALE:	AS SHOWN
DATE:	AUGUST, 2022

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 -4129
787-644 6131

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LEGEND:

- DENOTES EXISTING FISSURES IN THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Project / Location
CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

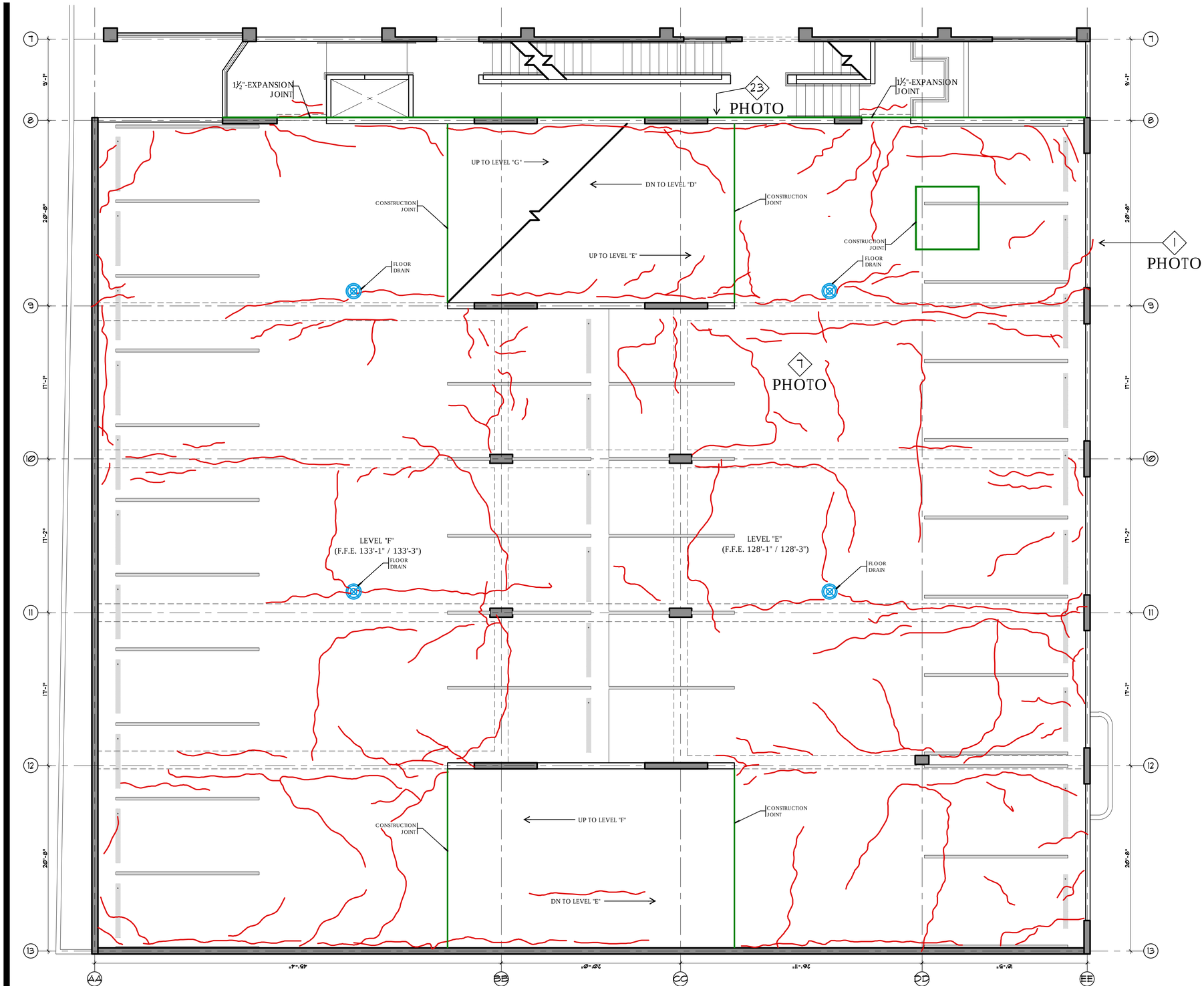
NO.	Date	Remarks

APPROVALS

Drawing Title
PARKING LEVELS "C" AND "D" FLOOR PLAN

Seal

Scale:	Drawing Number
AS NOTED	SA.2
Date:	Page Number



EXISTING PARKING LEVELS "E" AND "F" CONDITION ASSESSMENT FLOOR PLAN

1/A4 SCALE: 3/16" = 1'-0"

0 1' 5' 10' 20'

YO, DORIS J. QUIÑONES NOMBRE DEL PROFESIONAL, LIC. # 17074, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y L AS ESPACIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS COJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPOSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES INCLUYENDO, PERO SIN LIMITARSE A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN OGPe.

DESIGNED BY:	DJQ,MSCE,PE
DESIGN REVISED BY:	
DRAWN BY:	DWG. REVISED
SCALE:	AS SHOWN
DATE:	AUGUST, 2022

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 -4129
787-644 6131

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LEGEND:

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- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Project / Location

CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

NO.	Date	Remarks

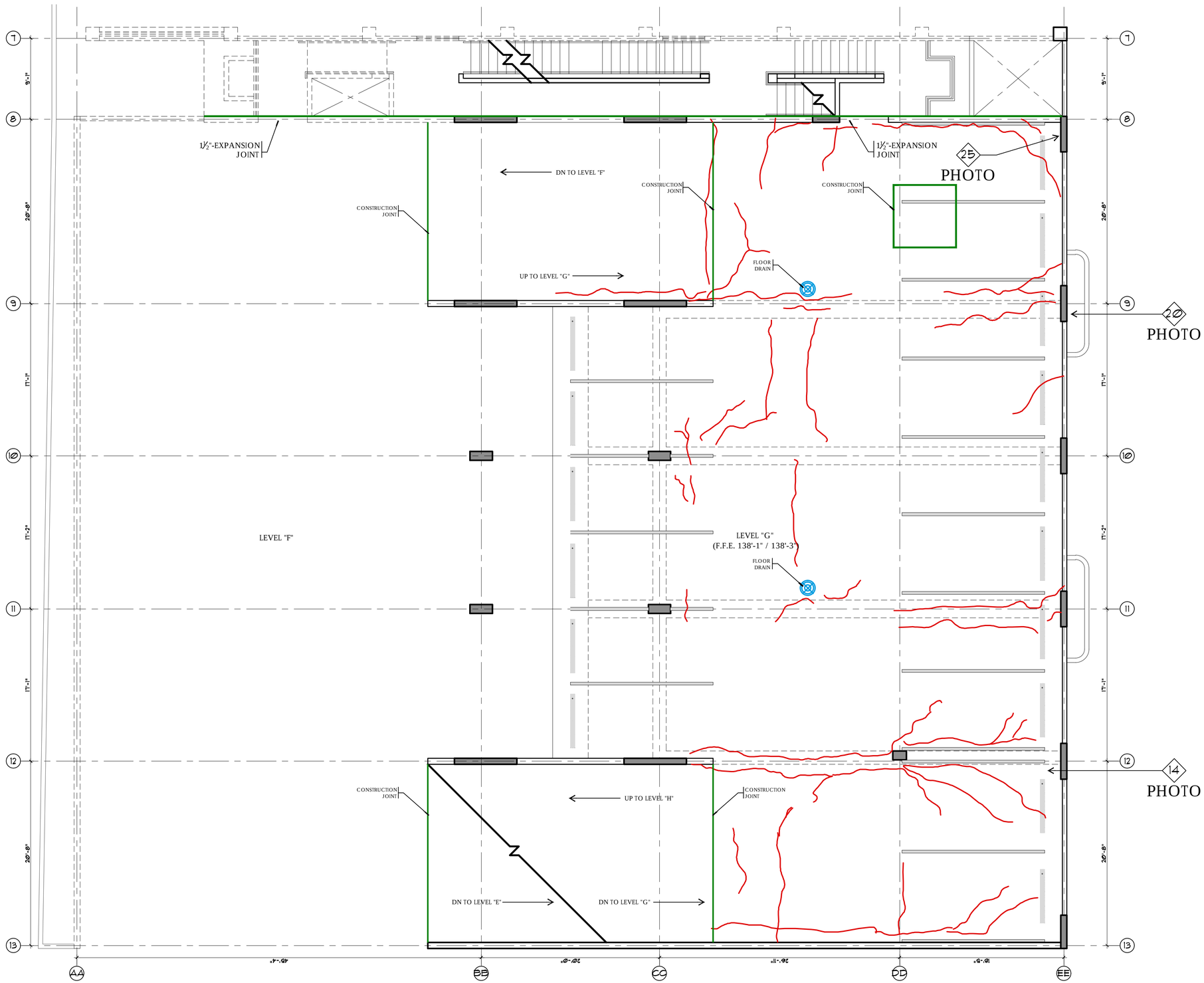
APPROVALS

Drawing Title

PARKING LEVELS "E" AND "F" FLOOR PLAN

Seal

Scale:	Drawing Number
AS NOTED	SA.3
Date:	Page Number



EXISTING PARKING LEVEL "G" CONDITION ASSESSMENT FLOOR PLAN

1/A5 SCALE: 3/16" = 1'-0"

0 1' 5' 10' 20'

YO, DORIS J. QUIÑONES NOMBRE DEL PROFESIONAL, LIC. # 17074, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y L AS ESPACIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS COJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES INCLUYENDO, PERO SIN LIMITARSE A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN OGPe.

DESIGNED BY:	DJQ,MSCE,PE
DESIGN REVISED BY:	
DRAWN BY:	DWG. REVISED
SCALE:	AS SHOWN
DATE:	AUGUST, 2022

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 -4129
787-644 6131

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LEGEND:

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- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Project / Location
CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

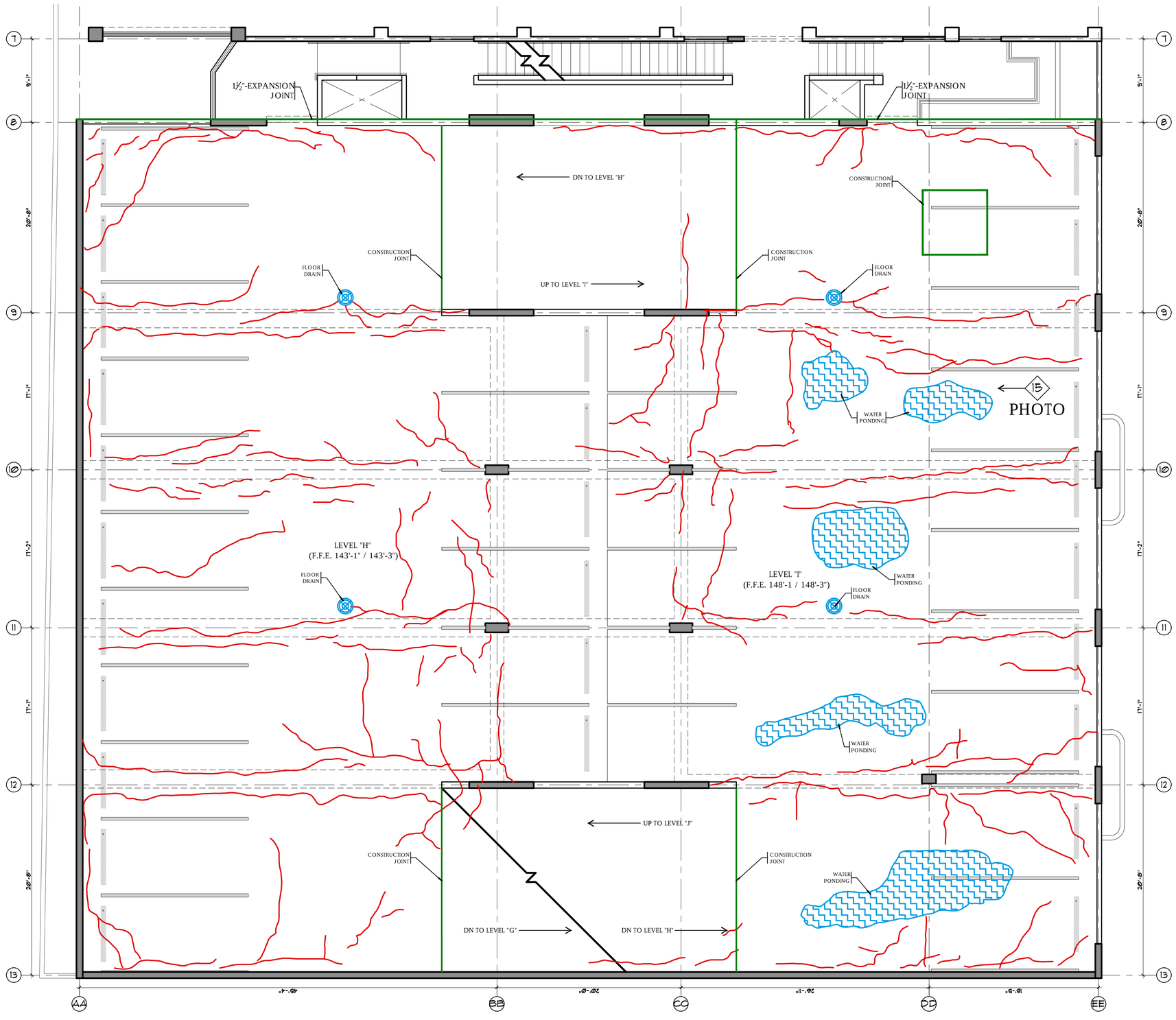
NO.	Date	Remarks

APPROVALS

Drawing Title
PARKING LEVEL "G" FLOOR PLAN

Seal

Scale:	Drawing Number
AS NOTED	SA.4
Date:	Page Number



EXISTING PARKING LEVELS "H" AND "I" CONDITION ASSESSMENT FLOOR PLAN

1 / A6 SCALE: 3/16" = 1'-0"

Ø 1' 5' 10' 20'

YO, DORIS J. QUIÑONES NOMBRE DEL PROFESIONAL, LIC. # 17074, CERTIFICO QUE SOY EL PROFESIONAL QUE DISEÑO ESTOS PLANOS Y L AS ESPACIFICACIONES COMPLEMENTARIAS. TAMBIEN CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS COJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO SIN CONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPOSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPe Y OTRAS AUTORIDADES COMPETENTES INCLUYENDO, PERO SIN LIMITARSE A LA TERMINACION DE LA PARTICIPACION EN LOS PROCEDIMIENTOS DE CERTIFICACION PROFESIONAL EN OGPe.

DESIGNED BY:	DJQ,MSCE,PE
DESIGN REVISED BY:	
DRAWN BY: ___	DWG. REVISED ___
SCALE:	AS SHOWN
DATE:	AUGUST, 2022

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 –4129
787–644 6131

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Project / Location
CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

NO.	Date	Remarks

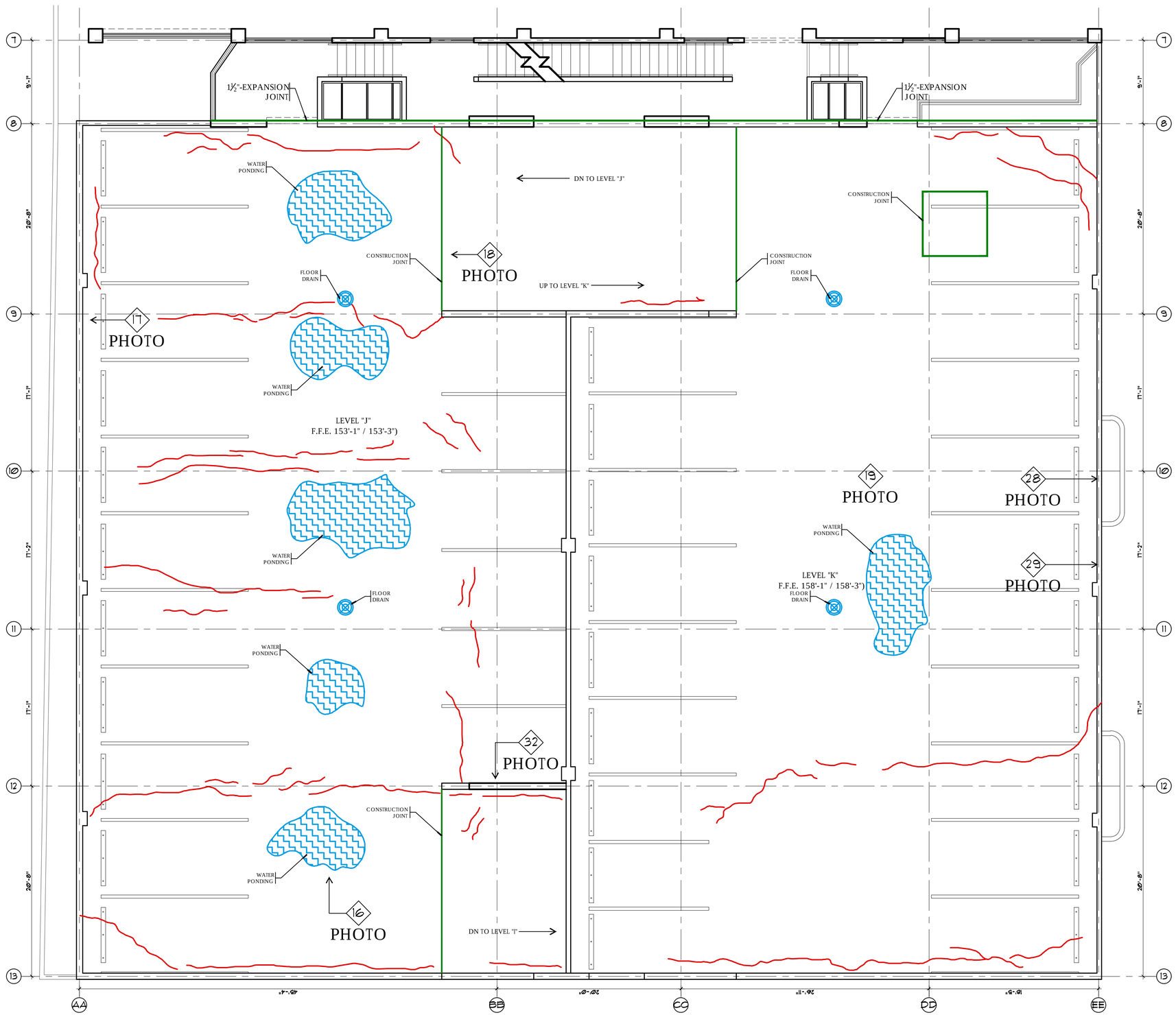
APPROVALS

LEGEND:
- DENOTES EXISTING FISSURES IN THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Drawing Title
PARKING LEVELS "H" AND "I" FLOOR PLAN

Seal

Scale:	Drawing Number
AS NOTED	SA.5
Date:	Page Number



EXISTING PARKING LEVELS "J" AND "K" CONDITION ASSESSMENT FLOOR PLAN

1 / A1 SCALE: 3/16" = 1'-0"

0 1' 5' 10' 20'

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DESIGNED BY:	DJQ,MSCE,PE
DESIGN REVISED BY:	
DRAWN BY:	DWG. REVISED
SCALE:	AS SHOWN
DATE:	AUGUST, 2022

DORIS J. QUIÑONES RIVERA
STRUCTURAL ENGINEERING CONSULTANTS
G.P.O. BOX 364129 SAN JUAN, P.R. 00936 -4129
787-644 6131

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Project / Location
CARIBE PLAZA OFFICE BLDG.
1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PR 00926

Owner

Designer

REVISIONS

NO.	Date	Remarks

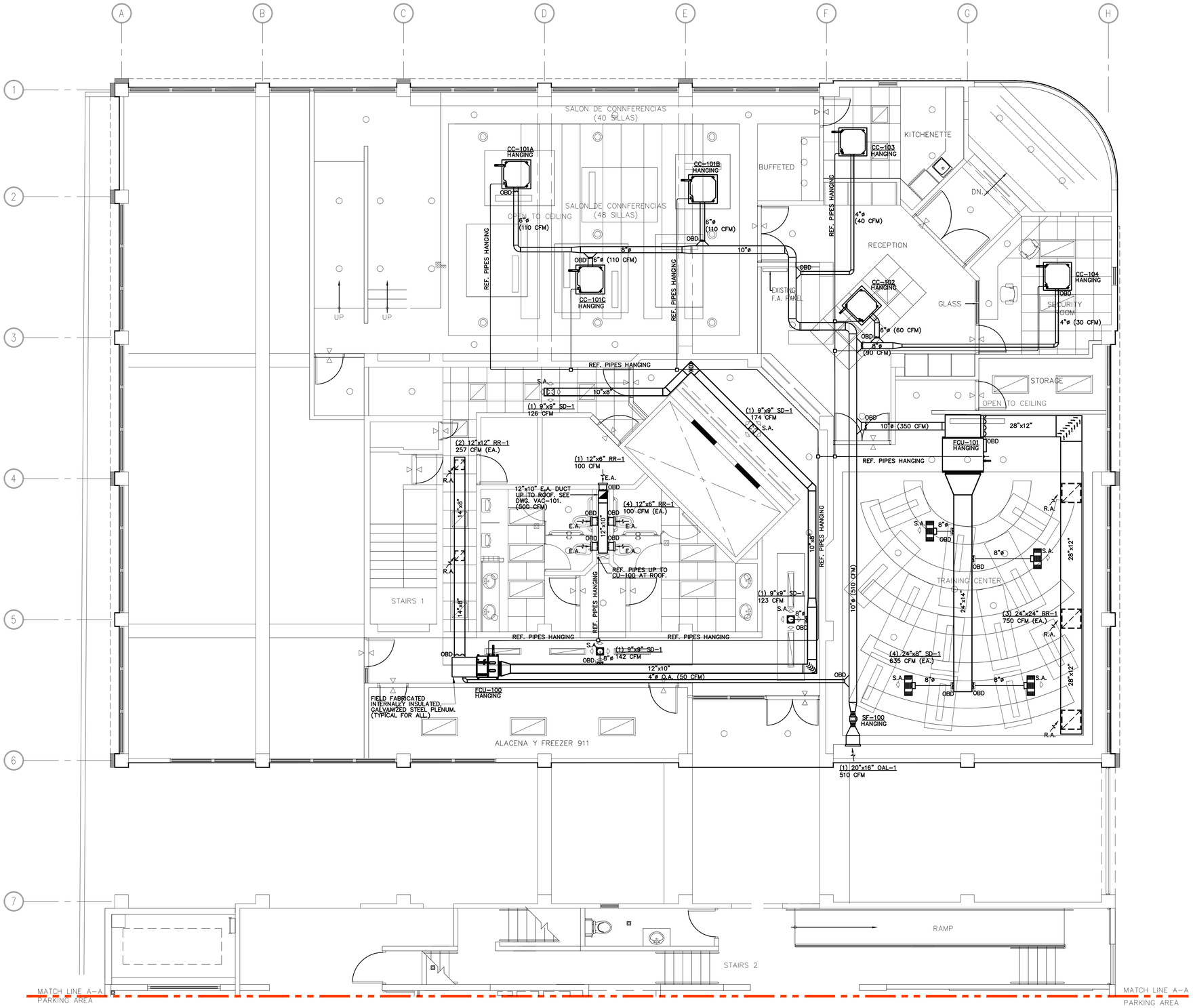
APPROVALS

LEGEND:
- DENOTES EXISTING FISSURES IN THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING FISSURES BELOW THE STRUCTURAL CONCRETE SLAB
- DENOTES EXISTING CONSTRUCTION JOINT
- DENOTES WATER PONDING AREAS

Drawing Title
PARKING LEVELS "J" AND "K" FLOOR PLAN

Seal

Scale:	Drawing Number
AS NOTED	SA.6
Date:	Page Number



FIRST LEVEL FLOOR PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
CU	CONDENSING UNIT
SD	SMOKE DETECTOR
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 • Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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DRAWING NUMBER: VAC-100

DRAWING NAME: FIRST LEVEL FLOOR PLAN– VAC LAYOUT

OF

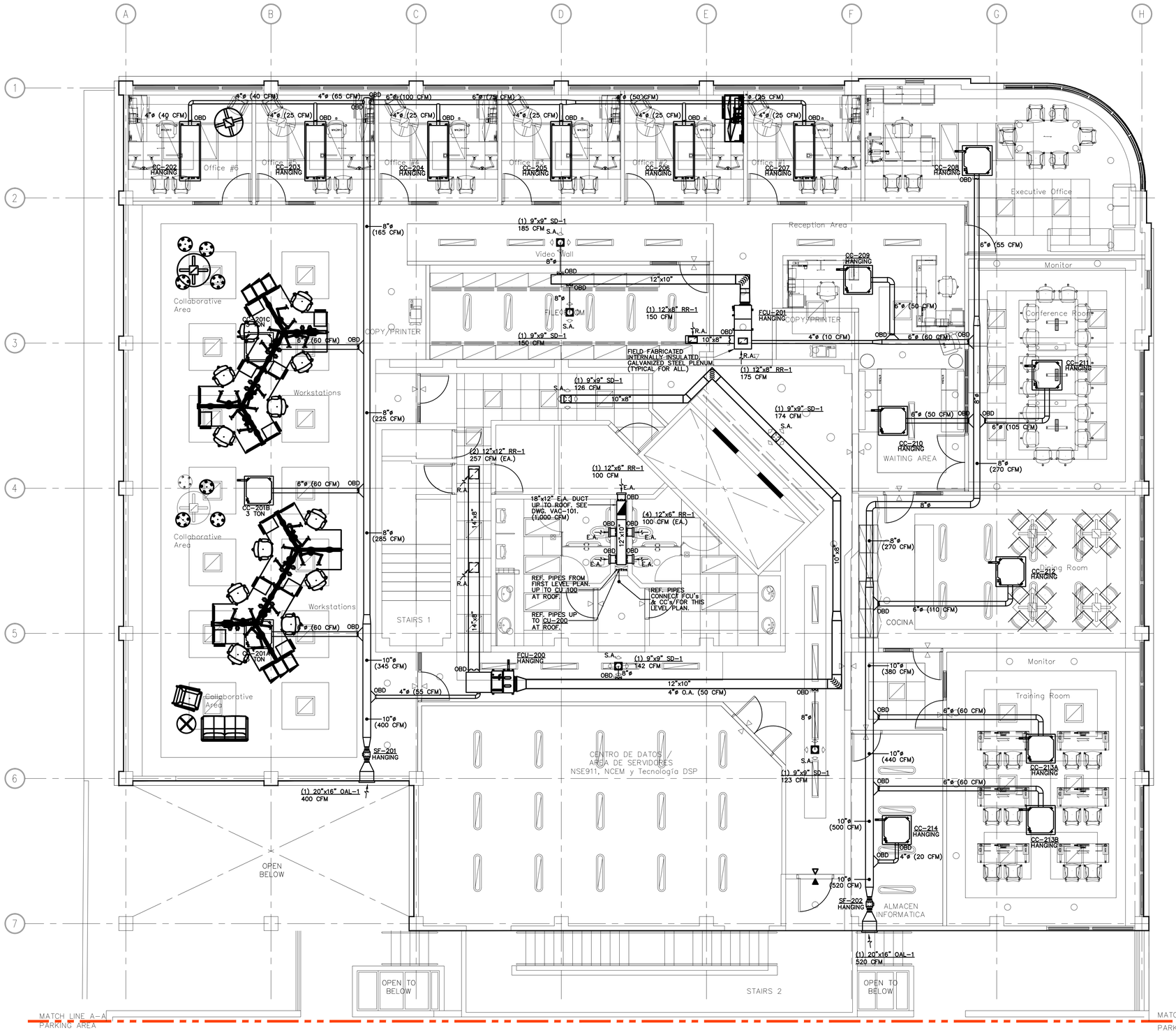
PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquín Bertolaso Paz Tel. #13351
FAX: (787) 277-9045



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SECOND LEVEL FLOOR PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
CU	CONDENSING UNIT
SD	SMOKE DETECTOR
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. No. #3351

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
SECOND LEVEL FLOOR PLAN– VAC LAYOUT

DRAWING NUMBER
VAC-101

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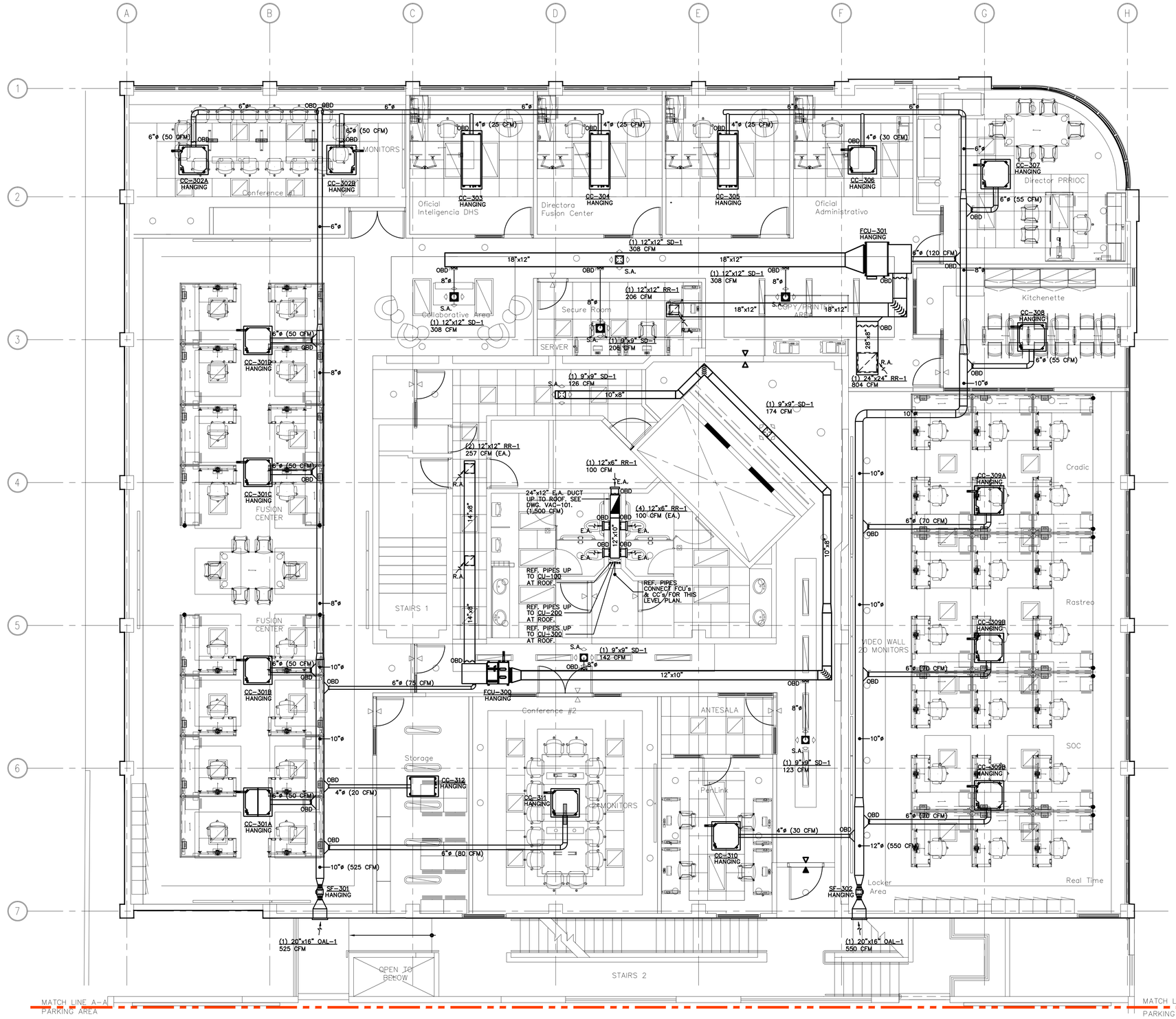

THIRD LEVEL FLOOR PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
CU	CONDENSING UNIT
SD	SMOKE DETECTOR
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bertolaso Paz Ric. #1331
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME: THIRD LEVEL FLOOR PLAN– VAC LAYOUT

DRAWING NUMBER: VAC-102

OF

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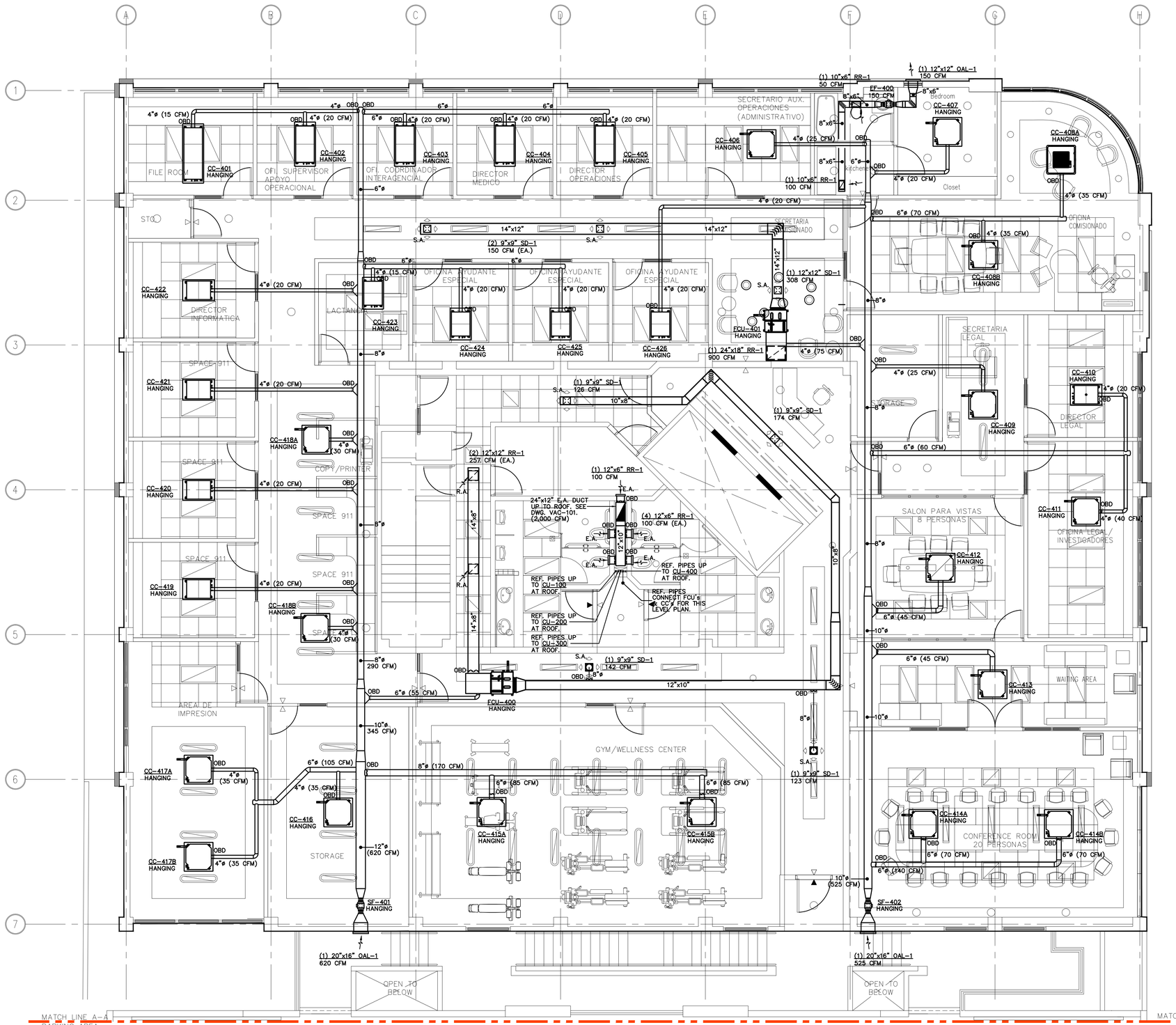

N

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FOURTH LEVEL FLOOR PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
CU	CONDENSING UNIT
SD	SMOKE DETECTOR
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. lic. #3301
FAX: (787) 277-9045

NUM. | DESCRIPTION | BY | DATE
REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

DRAWING NAME
FOURTH LEVEL FLOOR PLAN– VAC LAYOUT

DRAWING NUMBER
VAC-103

OF

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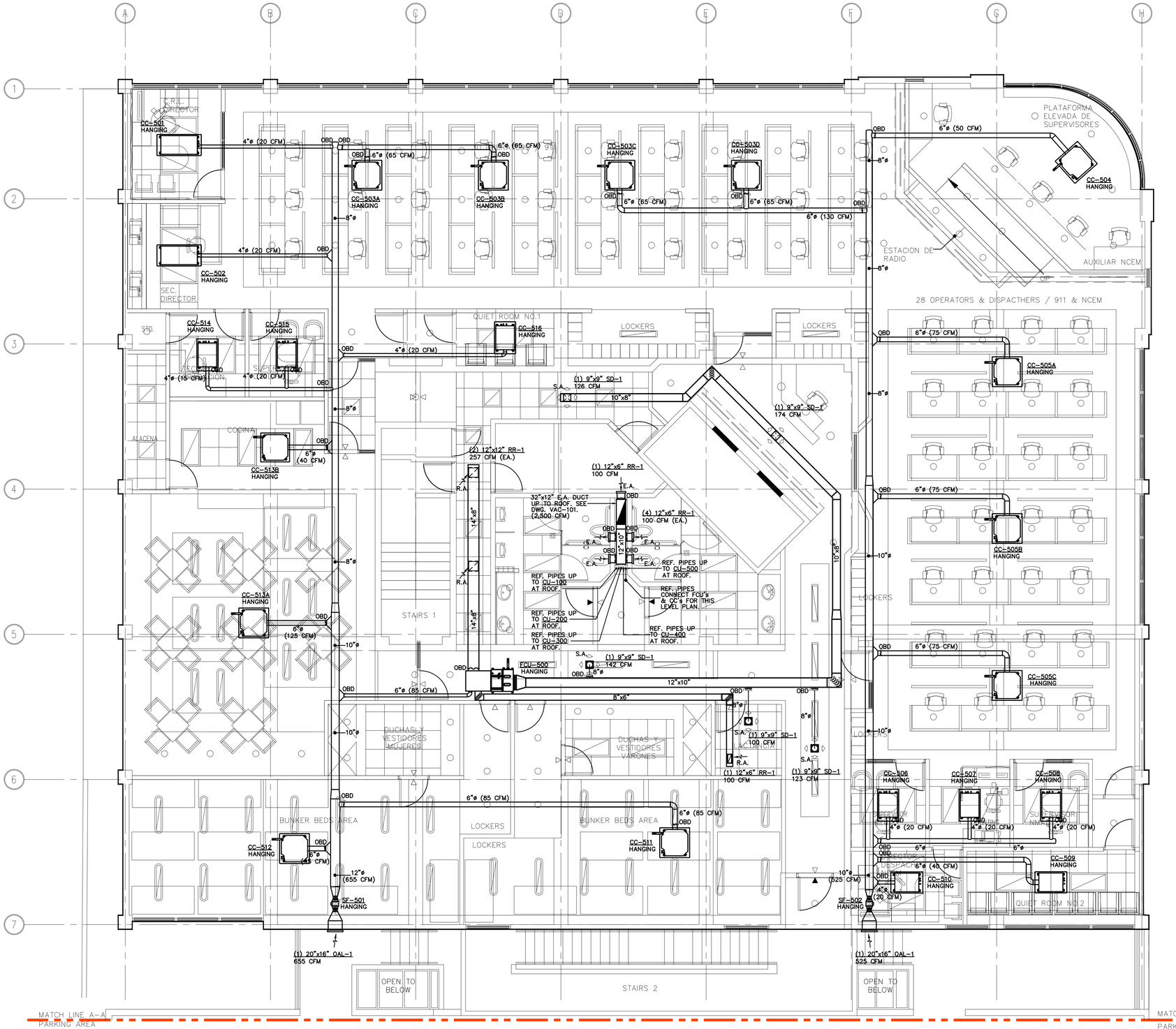

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W
E
S

FIFTH LEVEL FLOOR PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
CU	CONDENSING UNIT
SD	SMOKE DETECTOR
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1331
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

PROJECT NO.

PROJECT NAME

DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

FIFTH LEVEL FLOOR PLAN– VAC LAYOUT

DRAWING NAME

VAC-104

DRAWING NUMBER

OF

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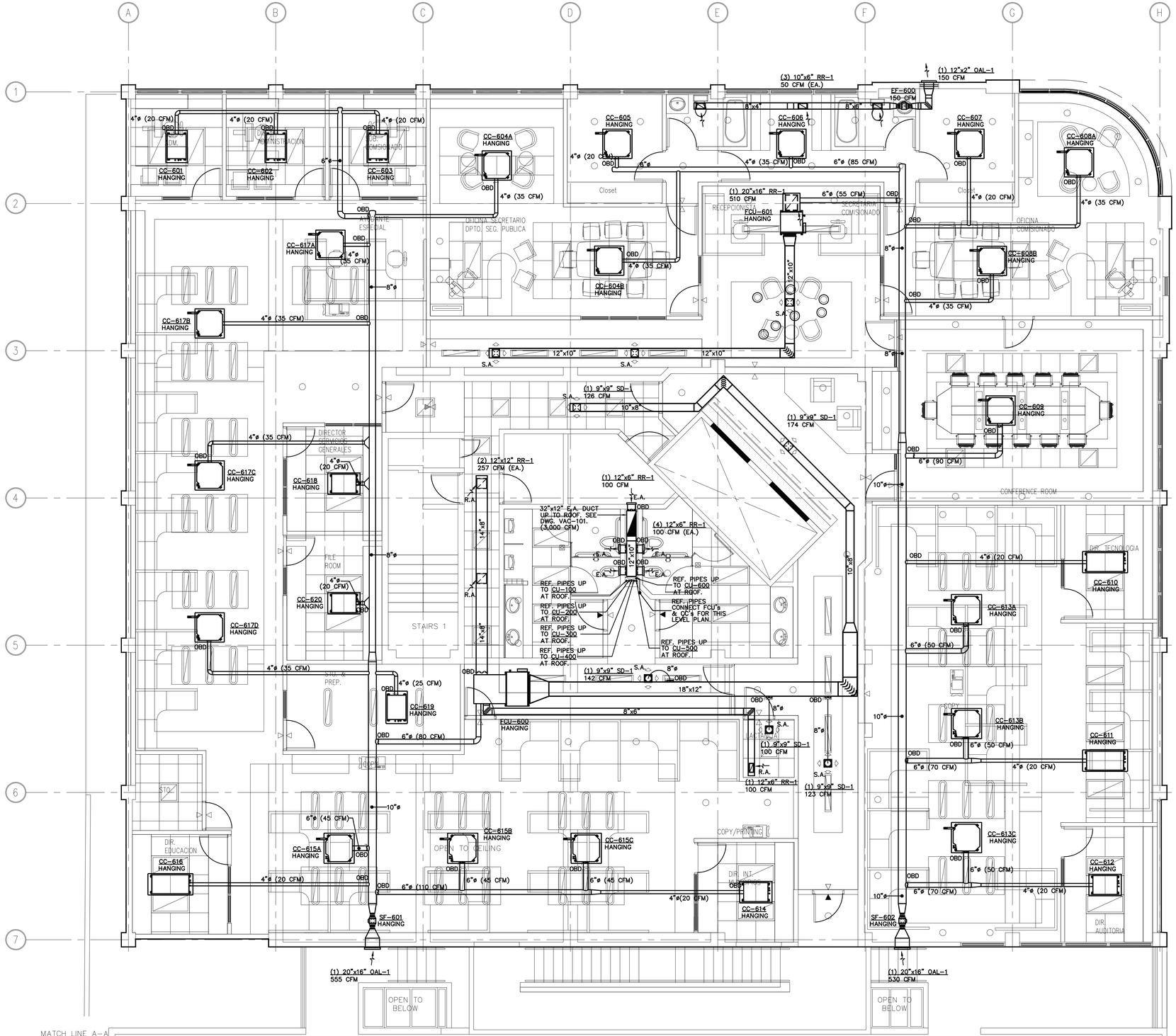

SIXTH LEVEL PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
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	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. No. #13301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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DEPARTAMENTO DE SEGURIDAD PUBLICA
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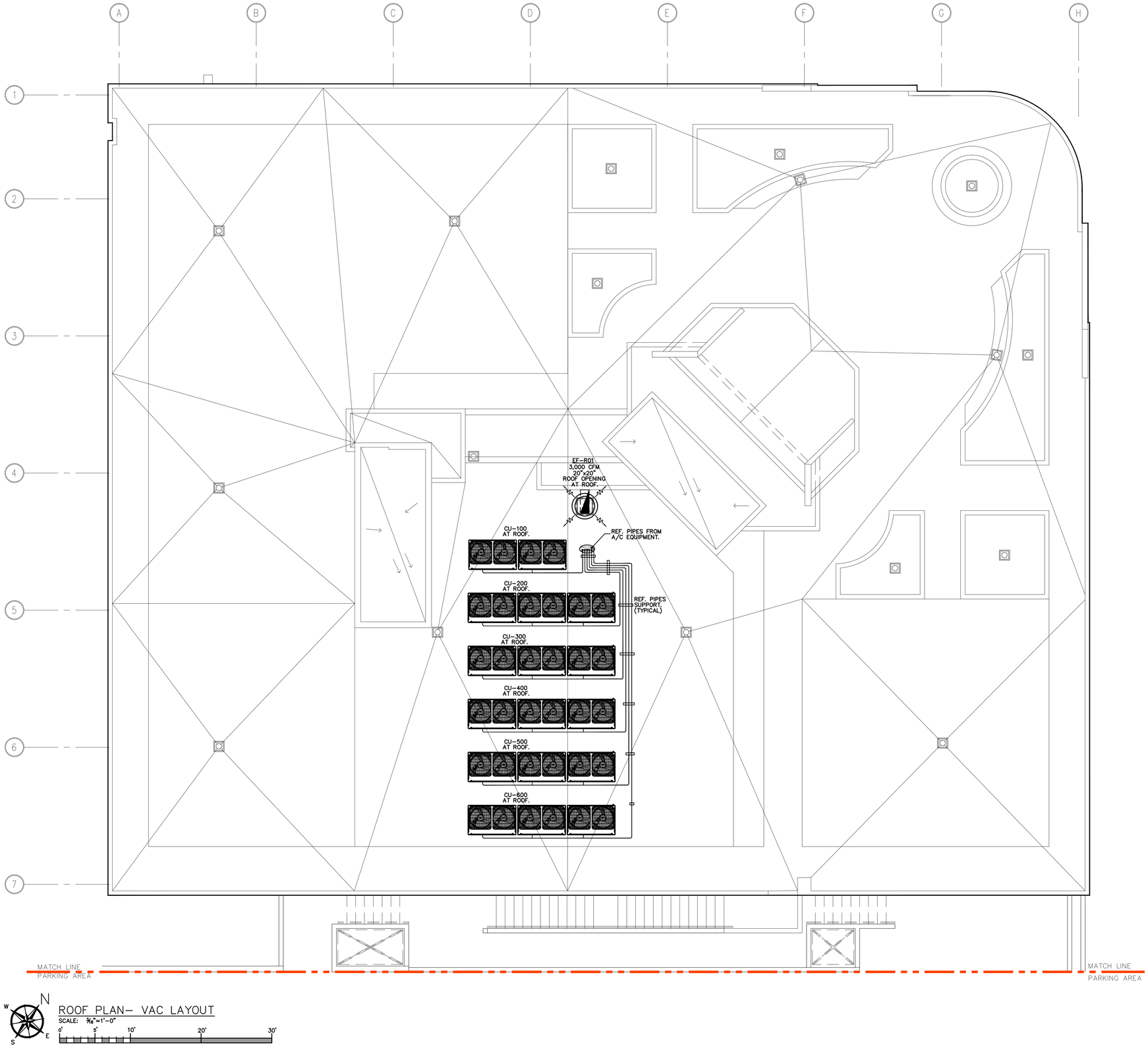
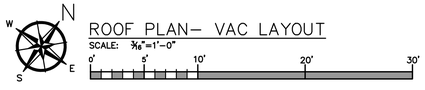
DRAWING NAME
SIXTH LEVEL PLAN– VAC LAYOUT

DRAWING NUMBER
VAC-105

OF





ROOF PLAN– VAC LAYOUT

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

0' 5' 10' 20' 30'

ABBREVIATIONS:

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	POINT OF CONNECTION

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

"Yo, José Luis Marrero Sicardo, licencia # 14670, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OIGPe y otras autoridades competentes, incluyendo, pero sin limitarse, a la terminación de la participación en los procedimientos de certificación profesional en la OIGPe."

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertesso Paz Ec. #1331

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
ROOF PLAN– VAC LAYOUT

DRAWING NUMBER
VAC-106

OF

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V A C N O T E S

GENERAL:

1. BIDDERS SHALL VISIT THE BUILDING AND ACQUAINT THEMSELVES WITH THE CONDITIONS AS THEY ACTUALLY EXIST AND VERIFY DIMENSIONS, LOCATIONS AND DETAILS REQUIRED TO COMPLETE THE WORK. FAILURE TO VISIT THE PROJECT AREA WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER OF FURNISHING ALL MATERIAL AND PERFORMING ALL WORK REQUIRED FOR THE COMPLETION OF THE CONTRACT. VISIT TO THE PROJECT AREA SHALL BE ARRANGED THROUGH THE BUILDING MANAGER.
2. CONTRACTOR SHALL PROVIDE SUITABLE VIBRATION ISOLATION FOR THE SYSTEM AS RECOMMENDED BY MANUFACTURER OF EQUIPMENT SPECIFIED OR PROVIDED.
3. CONTRACTOR SHALL FURNISH AND INSTALL PIPING VALVES, SENSORS, CONTROL SYSTEMS AND ANY OTHER ITEM REQUIRED FOR THE FUNCTIONING AND OPERATION OF THE SYSTEM SHALL FORM PART OF THE WORK TO BE DONE BY THE CONTRACTOR.
4. IT IS THE INTENTION OF THE DRAWINGS TO CALL FOR FINISHED WORK, COMPLETE, TESTED AND READY FOR OPERATION. MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER INSTALLATION AND FOR FUNCTIONING AND OPERATION OF THE SYSTEM SHALL FORM PART OF THE WORK TO BE DONE BY THE CONTRACTOR.
5. CONTRACTOR SHALL PAINT ALL PIPING, PIPE INSULATION, FITTINGS, VALVES AND ALL EQUIPMENT TO BE INSTALLED.
6. THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE DUCT AND PIPING ARRANGEMENTS AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
7. ALL EQUIPMENT AND MATERIAL SHALL BE INSTALLED WITH THE APPROVAL OF THE OWNER IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
8. CONTRACTOR SHALL LOCATE IN FULLY ACCESSIBLE POSITIONS ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED. CONTRACTOR IS RESPONSIBLE OF COMPLY WITH EACH EQUIPMENT MANUFACTURER RECOMMENDED CLEARANCE.
9. IN CASE OF DISCREPANCY BETWEEN THE EQUIPMENT SPECIFIED AND THE EQUIPMENT SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL ARRANGE FOR THE PROPER INSTALLATION OF THE EQUIPMENT.
10. CONTRACTOR SHALL FURNISH AND INSTALL AIR CONDITIONING EQUIPMENT, DUCTS, INSULATION, PIPING VALVES, SENSORS, CONTROL SYSTEMS AND ANY OTHER ITEM REQUIRED FOR THE PROPER FUNCTIONING AND OPERATION OF THE SYSTEM.
11. MECHANICAL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES.
12. THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.
13. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL MECHANICAL EQUIPMENT.
14. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST.
15. THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK.
16. THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY OWNER AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.
17. THE MECHANICAL CONTRACTOR SHALL COORDINATE CONCRETE SLABS PENETRATION WORKS WITH OWNER, STRUCTURAL ENGINEER AND ARCHITECTURAL DRAWINGS.
18. ALL MATERIAL AND SPECIALTIES REQUIRED FOR THIS WORK SHALL BE NEW (UNLESS OTHERWISE INDICATED), OF FIRST-CLASS QUALITY AND SHALL BE FURNISHED, DELIVERED, ERECTED, CONNECTED AND FINISHED IN EVERY DETAIL, AND SHALL BE SO SELECTED AND ARRANGED AS TO FIT PROPERLY INTO THE BUILDING SPACES. DURING STORAGE ON THE JOB SITE OF CONSTRUCTION, THE CONTRACTOR SHALL KEEP PIPE ENDS PLUGGED OR CAPPED TO PREVENT DIRT OR MOISTURE ENTERING THE PIPE.
19. ROOF "R" VALUE SHALL BE A MINIMUM OF 15.0 HR-SF-°F/BTU.

INSULATION:

1. ALL INSULATION REQUIRED FOR THE WORK SHALL BE NEW, OF THE FIRST – CLASS QUALITY AND SHALL BE FINISHED, DELIVERY, ERECTED AND FINISHED IN EVERY DETAIL. ALL INSULATION SHALL HAVE A COMPOSITE FIRE HAZARD RATING AS TESTED BY ASTM E-84, NFPA 255, OR UL 723, NOT TO EXCEED 25 FLAME SPREAD AN 50 SMOKE DEVELOPED. ACCESSORIES SHALL HAVE THE SAME COMPONENT RATINGS. ALL INSULATING MATERIAL SHALL HAVE A LABEL INDICATING COMPLIANCE WITH THE ABOVE RATING.
2. EXPOSED AIR DUCT INSULATION SHALL BE 2" THICK JOHNS-MANVILLE NO. 817 (6 lbs/ft³) RIGID FIBERGLASS DUCT INSULATION WITH A FACTORY APPLIED FOIL-SCRIM-KRAFT (FSK) VAPOR BARRIER FACING. COVER ALL INSULATION WITH GLASS FABRIC MESH USING FOSTER SEALFAS MASTIC. INSULATION SHALL HAVE A "K" FACTOR=0.22 Btu-in/hr.-ft² -°F @ 75°F.
3. CONCEALED ARI DUCT INSULATION SHALL BE 1 1/2" THICK JOHNS-MANVILLE R-SERIES MICROLITE FIBER GLASS BLANKET WITH A FACTORY APPLIED FOIL-SCRIM-FRAFT (FSK) VAPOR BARRIER FACING. INSULATION SHALL HAVE A "K" FACTOR= 0.31 Btu-in/hr-ft² @ 75°F.
4. CHILLED WATER PIPING INSULATION MATERIAL SHALL BE TRYMER 2000 POLYISOCYANURATE FOAM INSULATION WITH VAPOR BARRIER 1½" THICK ALL PIPE SIZES. COVER ALL INSULATION WORKS WITH 6 OUNCES CANVAS ADHERED WITH FOSTER 30-35. USE AN ALUMINUM JACKET SECURELY ATTACHED IN ALL WEATHER EXPOSED PIPE RUNS AND FITTINGS.
5. AFTER THE INSTALLATION OF PIPING AND BEFORE APPLYING THE INSULATION, THE CONTRACTOR MUST CLEAN ALL PIPING THOROUGHLY AND APPLY TWO COATS OF ANTI CORROSIVE PAINT AS MANUFACTURED BY PORTER #7100.
6. INDOOR DUCTS HANDLING OUTDOOR AIR INSULATION MATERIAL: SAME AS EXPOSED AIR DUCTS INSULATION SHALL NOT BE APPLIED UNTIL ALL SURFACES ARE CLEAN AND DRY.
7. ALL MATERIAL USED FOR DUCTWORK INSULATION SHALL HAVE A FLAME SPREAD INDEX NOT EXCEEDING 25 SMOKE DEVELOPED AND FUEL CONTRIBUTED NOT TO EXCEED 50 WHEN MEASURED AS DETERMINE BY ASTM E-162.
8. INSULATION SHALL BE FURNISHED WITH A FACTORY APPLIED FSK VAPOR BARRIER FACING AND SHALL HAVE AN AVERAGE THERMAL CONDUCTIVITY NOT TO EXCEED 0.25 BTU-IN/SQ.FT.- °F.

AIR DISTRIBUTION:

1. DUCTWORK SHELL BE AS FOLLOWS:
   - A- DUCT MATERIAL – SHALL BE GALVANIZED SHEET METAL, AND MANUFACTURED AND INSTALLED IN ACCORDANCE WITH LATEST EDITION OF THE DUCT CONSTRUCTION STANDARDS OF SMACNA FOR THE APPLICABLE PRESSURE CLASS.
   - B- DUCT WORKMANSHIP – ALL DUCTWORK SHALL BE CONSTRUCTED AND ERECTED IN A WORKMANLIKE MANNER. DUCTS SHALL BE STRAIGHT AND SMOOTH ON THE INSIDE WITH NEATLY FINISHED JOINTS, AIRTIGHT, AND SHALL BE FREE FROM VIBRATION UNDER ALL CONDITIONS OF OPERATION. THE INTERNAL ENDS OF SLIP JOINTS SHALL BE MADE IN THE DIRECTION OF AIR FLOW. CHANGES IN DIMENSIONS AND SHAPE OF DUCTS SHALL BE GRADUAL. ALL DUCT SIZES SHALL FALL WITHIN THE LIMITING DIMENSIONS INDICATED ON THE DRAWINGS UNLESS OTHERWISE APPROVED. CURVED ELBOWS, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS, SHALL HAVE A CENTER LINE RADIUS EQUAL TO 1 1/2 TIMES THE WIDTH OF THE DUCT. AIR TURNS SHALL BE INSTALLED IN ALL ABRUPT ELBOWS AND SHALL CONSIST OF CURVED METAL BLADES OR VANES, ARRANGED TO PERMIT THE AIR TO MAKE THE TURNS WITHOUT APPRECIABLE TURBULENCE. THEY SHALL BE THE MANUFACTURER'S STANDARD PRODUCT AND SHALL BE QUIET WHEN THE SYSTEM IS IN OPERATION. CONFIGURATION OF DUCTS SHALL BE AS INDICATED ON DRAWINGS. DUCT HANGER SHALL BE AS INDICATED ON DRAWINGS.
2. INSTALLATION OF DUCTS SHALL BE BY MEANS OF ANGULAR TRAPEZE AND ROD ACCORDING TO "SMACNA" RECOMMENDATIONS. IF STRAP ARE USED WITH DUCTWORK LESS THAN 24" WIDE, IT SHALL BE ATTACHED TO THE DUCT BY TWO SELF-TAPPING SCREWS. HANGERS AND STRAPS SHALL BE ATTACHED TO THE BEAM BY EXPANSION SHIELDS OR BY GUN NAILS. SCREWS. HANGERS AND STRAPS SHALL BE ATTACHED TO THE BEAM BY EXPANSION SHIELDS OR BY GUN NAILS.
3. ALL CONCEALED DUCTWORK AND PLENUMS ABOVE THE SECOND FLOOR CEILINGS SHALL BE INSULATED.
4. ALL DUCT WORK EQUIPMENT AND PIPING SHALL BE PROVIDED WITH SEISMIC RESTRAINTS IN ACCORDANCE WITH U.B.C.-2018 & N.F.P.A. STANDARDS.
5. ALL SHEETMETAL DUCTWORK SEAMS & JOINTS MUST BE SEALED WITH HIGH PRESSURE DUCT SEALER AS MANUFACTURED BY MINNESOTA MINING & MANUFACTURING CO. MODEL EC-800 OR APPROVED EQUAL. AIR LEAKS MUST BE 5% OR LESS. TEST DUCTWORK BEFORE FINAL CONNECTION TO AHU'S & AIR DISTRIBUTION.
6. FOR EXACT LOCATION OF CEILING DIFFUSERS REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
7. THE CONTRACTOR MUST FURNISHED & INSTALL U.L. APPROVED FIRE DAMPER WITH 10 GAUGE METAL SLEEVE AND DUCT ACCESS DOOR WHERE SHOWN ON DRAWINGS, AS REQUIRED BY LOCAL BUILDING CODES, OR AS REQUIRED BY N.F.P.A. FIRE DAMPERS SHALL BE CURTAIN TYPE AS MANUFACTURED BY RUSKIN MODEL 1002 STYLE C OR APPROVED EQUAL.
8. PROVIDE SMOKE DETECTORS AS PER N.F.P.A. 90A.
9. EXPOSED SUPPLY & RETURN DUCTS SERVING SOUND SENSITIVE AREAS SHALL BE DOUBLE WALL, PAINTED AND INTERNALLY INSULATED.
10. ALL EXPOSED DUCTWORK SHALL BE PAINTED AS PER ARCHITECT'S COLOR CODING.
11. CONTRACTOR SHALL BE RESPONSIBLE OF SUBMIT DUCTWORK SHOP DWG. FOR APPROVAL. NO CHANGE ORDER WILL BE ALLOWED FOR DUCTS MODIFICATIONS RESULTING FROM NON-COORDINATED SHOP DRAWINGS.
12. CONNECTION FROM DUCT TO A/C UNIT SHALL BE MADE WITH A CANVAS CONNECTION. CANVAS CONNECTION SHALL BE NEOPRENE-COATED GLASS FABRIC AS MANUFACTURED BY VENT FABRIC (VEN GLASS), DURO DYNECORP. OF EQUAL. MOUNTED ON ANGLE FRAMES SECURELY FASTENED TO DUCTS AND EQUIPMENT WITH ACCESSORIES TO PREVENT COLLAPSING AT 10 IWG OF NEGATIVE PRESSURE. CANVAS CONNECTION SHALL BE AIR TIGHT (NO LEAKAGE OR INFILTRATION) AT INDICATED PRESSURE GLASS.
13. PLENUM SUPPLY AND RETURN AREA SHALL COMPLY WITH NFPA-90A.
14. CONTRACTOR SHALL BE RESPONSIBLE OF RETURN AIR PLENUM SEGREGATION AND PROVIDE REQUIRED AIR PASSAGES FOR PROPER A/C SYSTEM FUNCTIONING.
15. ALL OUTSIDE AIR INTAKES SHALL BE PROVIDED WITH A 35% EFF. DISPOSABLE FILTERS.
16. PROVIDE 1" THICK INTERNAL ACOUSTICAL LINING TO FIRST 10'-0" OF SUPPLY & RETURN DUCTWORK. SIMILAR TO SCHULLER PERMACOUSTICS.
17. COORDINATE DUCT ROUTE WITH SPRINKLERS AND ALL OTHER TRADES. RE-ROUTE AS REQUIRED AT NO EXTRA COST TO THE OWNER.
18. GRILLES AND DIFFUSERS SHALL BE AS MANUFACTURE BY "METAL*AIRE", "BARBER COLMAN", "TUTTLE & BAILEY", "ANEMOSTAT" OR "TITUS". EACH IS TO BE FITTED BY AN AIR STREIGHTENER AND VOLUME DAMPER.
19. ALL DUCT DIMENSIONS SHOWN ARE NET INTERNAL.

HVAC EQUIPMENT:

1. ALL AIR CONDITIONING EQUIPMENT SHALL BE INSTALLED IN A WORKMANLIKE MANNER MEETING THE ACCEPTED STANDARDS OF THE AIR CONDITIONING INDUSTRY. THE WORK SHALL BE DONE BY SKILLED A/C CRAFTSMEN.
2. MAINTENANCE AND SERVICE CLEARANCES SHALL BE MAINTAIN TO EACH MECHANICAL EQUIPMENT AS PER MANUFACTURERS RECOMMENDATIONS.
3. MECHANICAL EQUIPMENT AT ROOF SHALL BE ANCHORED TO WITHSTAND HURRICANE FORCE WINDS AS PER APPLICABLE CODES.
4. PROVIDE CORROSION PROTECTION TO ALL WEATHER EXPOSED MECH. EQUIPMENT BY MEANS OF FIELD APPLIED PRODUCT. SUBMITT FOR APPROVAL.
5. EQUIPMENT START-UP SHALL BE PERFORMED BY EQUIPMENT MANUFACTURER.
6. ALL EQUIPMENT OFFERED UNDER THESE SPECIFICATIONS SHALL BE LIMITED TO PRODUCTS REGULARLY PRODUCED AND RECOMMENDED FOR SERVICE, IN ACCORDANCE WITH ENGINEERING DATA, RATINGS, OR OTHER COMPREHENSIVE LITERATURE MADE AVAILABLE TO THE PUBLIC AND IN EFFECT AT THE TIME OF OPENING OF BIDS.
7. EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE OF MANUFACTURE'S INSTRUCTIONS FOR TYPE AND CAPACITY OF EACH PIECE OF EQUIPMENT USE.
8. CONTRACTOR SHALL BE RESPONSIBLE OF VERIFY ELECTRICAL CONNECTION AT FIELD PRIOR TO EQUIPMENT PURCHASE.

BALANCING:

1. THE A/C CONTRACTOR SHALL PROVIDE AIR AND HYDRONIC SYSTEM BALANCING.
2. PERFORM AIR & HYDRONIC BALANCING BY A INDEPENDENT NEBB OR AABE CERTIFIED AIR BALANCE CONTRACTOR SHALL ACCURATELY BALANCE THE AIR SYSTEMS TO PROVIDE AIR QUALITIES INDICATED ON THE DRAWINGS AND IN THIS SPECIFICATION. OPERATE AUTOMATIC CONTROLS SYSTEM AND VERIFY SET POINTS DURING BALANCING. THE FINAL READING AND ADJUSTMENT SHALL BE PERFORMED WITH THE PRESENCE OF THE OWNER'S REPRESENTATIVE. SUBMIT FIVE (5) COPIES OF THE BALANCE REPORT TO THE ENGINEER FOR APPROVAL. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.
3. PRESSURIZATION LEAKAGE AND INFILTRATION TEST SHALL BE PERFORMED PER SMACNA STANDARDS AND TECHNICAL SPECIFICATIONS.
4. THE AIR DISTRIBUTION SYSTEM AND DEVICES SHALL BE BALANCED FOR PROPER AIR FLOW. TEST DATA OF THE BALANCING OF THE SYSTEMS SHALL BE SUBMIT TO THE ARCHITECT FOR REVIEW. ALL AIR QUANTITIES SHALL BE SET TO WITHIN 10% OF THE LISTED QUANTITIES. DEFLECTION VANES SHALL BE SET TO ELIMINATE ANY EXCESSIVE AIR MOVEMENT IN THE AREA.
5. THE AIR SIDE BALANCING SHALL INCLUDE:
   1. RECORD MOTOR FULL LOAD AMPS AND ACTUAL OPERATING AMPERAGE.
   2. RECORD SUPPLY, RETURN AND OUTSIDE AIR TEMPERATURES.
   3. MAKE PITOT TUBE TRAVERSE OF MAIN SUPPLY DUCT AND OBTAIN DESIGN CFM AT FAN AND FAN RPM.
   4. RECORD SYSTEM STATIC PRESSURES, RETURN AND DISCHARGE.
   5. FIVE (5) COPIES OF BALANCING REPORTS CONTAINING THE DATA MENTIONED ABOVE AND SHALL BE GIVEN TO THE OWNER'S REPRESENTATIVE.
6. BALANCING WORK SHALL FULLY COMPLY WITH A.A.B.C. OR N.E.B.B.

REFRIGERANT PIPING:

1. REFRIGERANT PIPING MATERIAL: SHALL BE TYPE "K" COPPER TUBING, HARD DRAWN WITH WROUGHT COPPER SOLDER TYPE FITTINGS SUITABLE FOR CONNECTION WITH SILVER SOLDER.
2. REFRIGERANT PIPING INSULATION MATERIAL: SHALL BE CLOSED CELL ELASROMETRIC 1/2" THICK ALL PIPE SIZES. K=0.25 @ 75°F.
3. GLOBE VALVE: SHALL BE CONSTRUCTED OF FORGED BRASS AND SHALL BE OF THE BACKSEATING TYPE SUITABLE FOR 500 PSI.
4. CHECK VALVES: SHALL BE CONSTRUCTED OF FORGED BRASS SUITABLE FOR 500 PSI.
5. SOLENOID VALVES: SHALL BE CONSTRUCTED OF FORGED BRASS SUITABLE FOR 400 PSI.
6. REFRIGERANT STRAINERS: SHALL BE CONSTRUCTED OF FORGED BRASS SUITABLE FOR 350 PSI. PROVIDE 100 MESH STRAINER.
7. MOISTURE INDICATOR: SHALL BE CONSTRUCTED OF FORGED BRASS WITH OPTICAL GLASS SUITABLE FOR 500 PSI.
8. FILTER DRAINS: SHALL BE CONSTRUCTED OF STEEL WITH STEEL COVER REPLACEABLE FILTER DRIER COVER.
9. ALL ELBOWS SHALL BE OF THE LONG RADIUS TYPE.
10. CONTRACTOR SHALL BE RESPONSIBLE OF SUBMIT REFRIGERANT LINE SHOP DWG. FOR APPROVAL. NO CHANGE ORDER WILL BE ALLOWED FOR A/C SYSTEMS MODIFICATIONS RESULTING FROM NON-COORDINATED SHOP DRAWINGS.
11. REFRIGERANT LINE SIZING SHALL BE DONE BY EQUIPMENT MANUFACTURER.

AUTOMATIC CONTROL SYSTEM:

1. ALL CONTROLLERS SHALL BE FLUSH MOUNTED. ELECTRICAL CONDUITS SHALL RUN INSIDE WALLS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE CONDUITS AND WIRING FOR THE POWER OF THE LCM FROM THE NEAREST POWER SOURCE.
3. ALL VERTICAL CONTROL CONDUITS MUST RUN CONCEALED INSIDE WALLS AND HORIZONTAL CONTROL IN THE PLENUM BETWEEN REFLECTED CEILING AND BOTTOM OF STRUCTURAL SLAB.
4. ROOM CONDITIONS ARE: 74.0±2°Fdb @ 55±5% RH FOR ALL AREAS. COORDINATE LOCATION OF TEMPERATURE CONTROLLERS AT FIELD WITH OWNER.
5. PROVIDE VANDAL PROOF COVER FOR ALL TEMPERATURE CONTROLLERS.
6. PLASTIC PIPING IS NOT ALLOWED IN RETURN PLENUM AREAS.
7. ALL MOTORS SHALL BE PROVIDED WITH ITS REQUIRED STARTERS FOR THE PROPER ELECTRICAL CONNECTION OF THE EQUIPMENT. COORDINATE WITH ELECTRICAL CONSULTANT.

CONDENSATE DRAIN:

1. COOLING COIL CONDENSATE DRIP PIPING MATERIAL: SHALL BE EXTERIOR INSULATED SCH.40PVC.
2. COOLING COIL CONDENSATE DRIP PIPING MATERIAL RUNNING IN RETURN AIR PLENUMS SHALL BE TYPE "M" COPPER.
3. CONDENSATE DRAIN PIPING INSULATION MATERIAL: SHALL BE CLOSED CELL ELASTOMERIC 3/4" THICK ALL PIPE SIZES. K=0.25 @ 75°F.
4. CONTRACTOR SHALL PROVIDE INDIRECTLY CONNECTED CONDENSATE DRAIN TO A/C UNITS. COORDINATE WITH PLUMBING DRAWINGS.
5. PROVIDE CONDENSATE DRAIN PUMP FOR A/C EQUIPMENT IF REQUIRED PIPE SLOPE IS NOT ATTAINED.
6. CONTRACTOR SHALL BE RESPONSIBLE OF CONNECT 1" INSULATED PVC PIPE FOR EQUIPMENT CONDENSATE DRAIN AND CONNECT TO SANITARY SEWER SYSTEM.

ABBREVIATIONS:

EF	EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
O.A.	OUTSIDE AIR
PCU	PACKAGE UNIT
SD	SUPPLY DIFFUSER
RR	RETURN REGISTER
OAL	OUTSIDE AIR LOUVER
LCM	LOCAL CONTROL MODULE
GCM	GENERAL CONTROL MODULE
TYP.	TYPICAL
FCU	FAN COIL UNIT
DWG	DRAWING
FLEX.	FLEXIBLE
CONN.	CONNECTION
AHU	AIR HANDLING UNIT
O.B.D.	OPPOSED BLADE DAMPER
TC	TEMPERATURE CONTROL
TS	TEMPERATURE SENSOR
(E)	EXISTING
(N)	NEW
CU	CONDENSING UNIT
RR	RETURN REGISTER
N	NECK
CONC.	CONCRETE
(TYP.)	TYPICAL
SD	SMOKE DETECTOR
DFD	DUCT FIRE DAMPER
PTAC	PACKAGED TERMINAL AIR CONDITIONERS
MC	MASTER CONTROL
T	TEMPERATURE CONTROLLER
	POINT OF CONNECTION
FD	FIRE DAMPER

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan, PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bersasso Prez Rc. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#2547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

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THE DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NUMBER
VAC-200

DRAWING NAME
VAC NOTES

OF

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

"Yo, José Luis Marrero Sicardo, licencia # 14670, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OIGPe y otras autoridades competentes, incluyendo, pero sin limitarse, a la terminación de la participación en los procedimientos de certificación profesional en la OIGPe."

VRF INDOOR UNITS SCHEDULES

TAG. NO.	AREA SERVED	UNIT LOAD (MBH)		TOTAL AIR (CFM)	OUTSIDE AIR (CFM)	ELECTRICAL DATA			FAN MOTOR		DIMENSIONS (HxWxD)mm.	MANUFACTURER & MODEL NO.	REMARKS
		TOTAL	SENS.			VOLTS/PH/HZ	MCA	MFA	KW	FLA			
FCU-100	CORRIDOR FIRST LEVEL	13.5	9.8	565	50	220/1/60	1.4	16	0.140	1.1	300x700x700	DAIKIN FXMQ40PAVE	F2, TS, UV.
FCU-101	TRAINING CENTER FIRST LEVEL	80.7	57.9	2,540	320	220/1/60	10.1	15	0.76	8.1	470x1,380x1,100	DAIKIN FXMQ250MAVE	F2, TS, UV.
CC-101A, B & C	SALON DE CONNFERENCIAS FIRST LEVEL	34.4	26.8	1,250	110	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-102	RECEPTION FIRST LEVEL	12.3	9.1	600	60	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-103	KITCHENETTE FIRST LEVEL	11.8	9.0	405	40	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ32AVM	O, R1.
CC-104	SECURITY ROOM FIRST LEVEL	8.3	6.8	405	30	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ32AVM	O, R1.
FCU-200	CORRIDOR SECOND LEVEL	14.2	10.3	565	55	220/1/60	1.4	16	0.140	1.1	300x700x700	DAIKIN FXMQ40PAVE	F2, TS, UV.
FCU-201	VIDEO WALL SECOND LEVEL	8.7	7.1	335	10	220/1/60	0.8	16	0.078	0.7	245x550x800	DAIKIN FXSQ32PAVE	F2, TS, UV.
CC-201A, B & C	WORKSTATIONS SECOND LEVEL	17.3	14.1	810	60	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-202	OFFICE #6 SECOND LEVEL	16.6	15.1	915	40	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-203	OFFICE #5 SECOND LEVEL	15.1	13.7	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-204	OFFICE #4 SECOND LEVEL	15.1	13.7	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-205	OFFICE #3 SECOND LEVEL	15.1	13.7	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-206	OFFICE #2 SECOND LEVEL	15.1	13.7	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-207	OFFICE #1 SECOND LEVEL	15.1	13.7	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-208	EXECUTIVE OFFICE SECOND LEVEL	31.9	28.2	1,250	55	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-209	RECEPTION AREA SECOND LEVEL	14.4	10.5	600	50	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-210	WAITING AREA SECOND LEVEL	14.4	10.5	600	50	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-211	CONFERENCE ROOM SECOND LEVEL	28.6	21.6	1,180	105	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-212	DINING ROOM SECOND LEVEL	28.8	21.6	1,180	110	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-213A & B	TRAINING ROOM SECOND LEVEL	20.0	16.6	810	60	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ63AVM	O, R1.
CC-214	ALMACEN INFORMATICA SECOND LEVEL	3.1	2.4	460	20	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
FCU-300	CORRIDOR THIRD LEVEL	15.8	11.1	565	75	220/1/60	1.4	16	0.140	1.1	300x700x700	DAIKIN FXMQ40PAVE	F2, TS, UV.
FCU-301	COLLABORATIVE AREA THIRD LEVEL	30.1	23.0	1,130	120	220/1/60	2.9	16	0.350	2.3	300x1,400x700	DAIKIN FXMQ100PAVE	F2, TS, UV.
CC-301A, B, CC-301C, D.	FUSION CENTER THIRD LEVEL	11.3	9.1	600	50	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-302A & B	CONFERENCE #1 THIRD LEVEL	22.4	18.9	1,180	50	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-303	OFICIAL INTELIGENCIA THIRD LEVEL	16.1	14.6	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-304	DIRECTORA FUSION THIRD LEVEL	16.1	14.6	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-305	– THIRD LEVEL	16.1	14.6	915	25	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-306	OFICIAL ADMINISTRATIVO THIRD LEVEL	12.6	10.6	530	30	220/1/60	0.4	16	0.056	0.3	305x990x620	DAIKIN FXCQ50AVM	O, R1.
CC-307	DIRECTOR PRRIOC THIRD LEVEL	30.6	27.1	1,250	55	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-308	KITCHENETTE THIRD LEVEL	18.0	12.9	830	80	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ63AVM	O, R1.
CC-309A, B & C	CRADINC, RASTREO, SOC THIRD LEVEL	27.2	23.1	1,215	70	220/1/60	1.6	16	0.106	1.3	298x840x840	DAIKIN FXFSQ125AVM	O, R1.
CC-310	PENLINK THIRD LEVEL	8.3	6.5	405	30	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-311	CONFERENCE #2 THIRD LEVEL	16.0	10.9	810	80	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-312	STORAGE THIRD LEVEL	2.6	2.2	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
FCU-400	CORRIDOR FOURTH LEVEL	14.3	10.4	565	55	220/1/60	1.4	16	0.140	1.1	300x700x700	DAIKIN FXMQ40PAVE	F2, TS, UV.
FCU-401	SECRETARIA COMISONADO FOURTH LEVEL	12.3	8.6	565	75	220/1/60	1.4	16	0.140	1.1	300x700x700	DAIKIN FXMQ40PAVE	F2, TS, UV.
CC-401	FILE ROOM FOURTH LEVEL	14.5	13.8	915	15	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-402	OFI. SUPERVISOR FOURTH LEVEL	13.1	11.5	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-403	OFI. COORDINADOR FOURTH LEVEL	13.1	11.5	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-404	DIRECTOR MEDICO FOURTH LEVEL	13.1	11.5	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-405	DIRECTOR OPERACIONES FOURTH LEVEL	13.1	11.5	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-406	SECRETARIO AUX. FOURTH LEVEL	19.0	17.3	865	25	220/1/60	1.0	16	0.053	0.8	256x840x840	DAIKIN FXFSQ80AVM	O, R1.
CC-407	BEDROOM FOURTH LEVEL	5.3	4.3	460	20	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
CC-408A & B	OFICINA COMISIONADO FOURTH LEVEL	16.6	14.5	810	35	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-409	SECRETARIA LEGAL FOURTH LEVEL	5.3	4.2	460	25	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
CC-410	DIRECTOR LEGAL FOURTH LEVEL	13.1	11.5	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-411	OFICINA LEGAL FOURTH LEVEL	21.6	19.2	1,180	40	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-412	SALON PARA VISTAS FOURTH LEVEL	8.6	5.8	460	45	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
CC-413	WAITING AREA FOURTH LEVEL	10.7	7.0	460	45	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ32AVM	O, R1.
CC-414A & B	CONFERENCE ROOM FOURTH LEVEL	18.1	13.8	810	70	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-415A & B	GYM/WELLNESS CENTER FOURTH LEVEL	26.2	14.4	865	85	220/1/60	1.0	16	0.053	0.8	256x840x840	DAIKIN FXFSQ80AVM	O, R1.
CC-416	STORAGE FOURTH LEVEL	5.2	4.1	460	35	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
CC-417A & B	AREA DE IMPRESION FOURTH LEVEL	13.5	11.3	600	35	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-418A & B	SPACE 911 FOURTH LEVEL	5.3	4.4	460	30	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ25AVM	O, R1.
CC-419	SPACE 911 FOURTH LEVEL	5.8	4.7	405	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-420	SPACE 911 FOURTH LEVEL	5.8	4.7	405	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-421	SPACE 911 FOURTH LEVEL	5.8	4.7	405	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-422	DIRECTOR INFORMATICA FOURTH LEVEL	5.8	4.7	405	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-423	LACTANCIA FOURTH LEVEL	2.0	1.5	370	15	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-424	OFICINA AYUDANTE FOURTH LEVEL	3.8	2.9	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-425	OFICINA AYUDANTE FOURTH LEVEL	3.8	2.9	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-426	OFICINA AYUDANTE FOURTH LEVEL	3.8	2.9	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
FCU-500	CORRIDOR FIFTH LEVEL	18.3	13.0	685	85	220/1/60	1.8	16	0.350	1.4	300x1,000x700	DAIKIN FXMQ63PAVE	F2, TS, UV.
CC-501	C.R.L. DIRECTOR FIFTH LEVEL	13.3	11.7	530	20	220/1/60	0.4	16	0.056	0.3	305x990x620	DAIKIN FXCQ50AVM	O, R1.
CC-502	SEC. DIRECTOR FIFTH LEVEL	5.8	4.7	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.

VRF INDOOR UNITS SCHEDULES

TAG. NO.	AREA SERVED	UNIT LOAD (MBH)		TOTAL AIR (CFM)	OUTSIDE AIR (CFM)	ELECTRICAL DATA			FAN MOTOR		DIMENSIONS (HxWxD)mm.	MANUFACTURER & MODEL NO.	REMARKS
		TOTAL	SENS.			VOLTS/PH/HZ	MCA	MFA	KW	FLA			
CC-503A, B, CC-503C, D.	OPERATORS / 911 FIFTH LEVEL	29.0	24.8	1,250	65	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-504	SUPERVISORES FIFTH LEVEL	33.1	29.9	1,250	50	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-505A, B & C	SUPERVISORES FIFTH LEVEL	24.9	20.4	1,180	75	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-506	SUPERVISOR NCEM FIFTH LEVEL	3.2	2.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-507	PRINTING FIFTH LEVEL	3.2	2.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-508	SUPERVISOR NMAD FIFTH LEVEL	3.2	2.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-509	QUIET ROOM NO.2 FIFTH LEVEL	11.2	7.9	405	40	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ32AVM	O, R1.
CC-510	DIRECTOR DESPACHO NCEM FIFTH LEVEL	5.4	4.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-511	BUNKER BEDS AREA FIFTH LEVEL	21.9	16.5	865	85	220/1/60	1.0	16	0.053	0.8	256x840x840	DAIKIN FXFSQ80AVM	O, R1.
CC-512	BUNKER BEDS AREA FIFTH LEVEL	27.4	22.0	1,180	95	220/1/60	1.4	16	0.106	1.1	298x840x840	DAIKIN FXFSQ100AVM	O, R1.
CC-513A	COCINA FIFTH LEVEL	42.7	27.5	1,250	125	220/1/60	1.8	16	0.106	1.4	298x840x840	DAIKIN FXFSQ140AVM	O, R1.
CC-513B	COCINA FIFTH LEVEL	12.0	9.6	460	40	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ32AVM	O, R1.
CC-514	TECNICO GRABACION FIFTH LEVEL	2.5	2.0	370	15	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-515	SUPERVISOR C.R.L. FIFTH LEVEL	3.2	2.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-516	QUIET ROOM NO.1 FIFTH LEVEL	2.5	1.7	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
FCU-600	CORRIDOR SIXTH LEVEL	26.1	20.9	1,130	80	220/1/60	2.9	16	0.350	2.3	300x1,400x700	DAIKIN FXMQ100PAVE	F2, TS, UV.
FCU-601	RECEPCIONISTA SIXTH LEVEL	15.0	11.9	635	55	220/1/60	1.6	16	0.350	1.3	300x1,000x700	DAIKIN FXMQ50PAVE	F2, TS, UV.
CC-601	SUP. ADM. SIXTH LEVEL	13.8	12.2	530	20	220/1/60	0.4	16	0.056	0.3	305x990x620	DAIKIN FXCQ50AVM	O, R1.
CC-602	DIR. ADMINISTRACION SIXTH LEVEL	13.6	12.0	530	20	220/1/60	0.4	16	0.056	0.3	305x990x620	DAIKIN FXCQ50AVM	O, R1.
CC-603	SUB. COMSIONADO SIXTH LEVEL	13.6	12.0	530	20	220/1/60	0.4	16	0.056	0.3	305x990x620	DAIKIN FXCQ50AVM	O, R1.
CC-604A & B	OFICINA SECRETARIO DPTO. SIXTH LEVEL	13.9	11.7	600	35	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-605	BEDROOM SIXTH LEVEL	11.1	9.9	460	20	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ32AVM	O, R1.
CC-606	KITCHENETTE SIXTH LEVEL	13.7	11.8	600	30	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-607	BEDROOM SIXTH LEVEL	5.4	4.6	460	20	220/1/60	0.3	16	0.053	0.2	256x840x840	DAIKIN FXFSQ32AVM	O, R1.
CC-608A & B	OFICINA COMISIONADO SIXTH LEVEL	18.7	16.5	810	35	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-609	CONFERENCE ROOM SIXTH LEVEL	30.2	24.2	1,215	90	220/1/60	1.6	16	0.106	1.3	298x840x840	DAIKIN FXFSQ125AVM	O, R1.
CC-610	DIR. TECNOLOGIA SIXTH LEVEL	13.5	11.9	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-611	– SIXTH LEVEL	13.5	11.9	565	20	220/1/60	0.5	16	0.106	0.4	305x990x620	DAIKIN FXCQ63AVM	O, R1.
CC-612	DIR. AUDITORIA SIXTH LEVEL	8.5	7.1	420	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ40AVM	O, R1.
CC-613A, B & C	– SIXTH LEVEL	17.5	14.7	810	50	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-614	DIR. INT. MUNICIPIOS SIXTH LEVEL	6.3	5.1	405	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ25AVM	O, R1.
CC-615A, B & C	COLLABORATIVE AREA SIXTH LEVEL	15.2	12.8	810	45	220/1/60	0.6	16	0.053	0.5	256x840x840	DAIKIN FXFSQ50AVM	O, R1.
CC-616	DIR. EDUCACION SIXTH LEVEL	18.2	16.9	915	20	220/1/60	0.6	16	0.112	0.5	305x1,445x620	DAIKIN FXCQ80AVM	O, R1.
CC-617A, B, CC-617C, D.	AYUDANTE ESPECIAL SIXTH LEVEL	10.7	9.1	600	35	220/1/60	0.4	16	0.053	0.3	256x840x840	DAIKIN FXFSQ40AVM	O, R1.
CC-618	DIRECTOR SERVICIOS SIXTH LEVEL	5.0	3.9	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-619	STO. & PREP. SIXTH LEVEL	5.0	3.9	370	25	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.
CC-620	FILE ROOM SIXTH LEVEL	4.3	3.3	370	20	220/1/60	0.3	16	0.056	0.2	305x775x620	DAIKIN FXCQ20AVM	O, R1.

REMARKS: (F0). FILTER FRAME WITH 35% EFF. (S). SET THE EXTERNAL STATIC PRESSURE TO "HIGH STATIC PRESSURE". (O). FRESH AIR INTAKE KIT.
(F1). LONG LIFE REPLACEMENT FILTER 50%. (C). PAINTED, COLOR BY ARCHITECT. (TS). REMOTE TEMPERATURE SENSOR.
(F2). HIGH EFFICIENCY FILTER 65%. (P). DRAIN PUMP KIT. (R1). REMOTE CONTROLLER WIRED.
(F3). HIGH EFFICIENCY FILTER 90%. (UV). 254NM UVC LIGHT (FIELD INSTALLED). (R2). REMOTE CONTROLLER WIRELESS.

NOTE: 1) VERIFY ELECTRICAL CONNECTION AND VOLTAGE AT FIELD PRIOR TO EQUIPMENT PURCHASE. 2) ALL INDOOR UNIT REQUIRES A SEPARATE ELECTRICAL CONNECTION.
3) PROVIDE A CIRCUIT BREAKER SWITCH BETWEEN THE POWER SOURCE AND INDOOR UNIT. 4) ALL AC UNITS SHALL BE UL & AHRI CERTIFIED.
5) PROVIDE PLASTIC CLEAR GUARD BOX FOR ALL THERMOSTATS. 6) PROVIDE UVC LIGHT WARNING SIGN AND ON/OFF SWITCH.
7) CONTRACTOR SHALL PROVIDE DEDICATED 120 VOLT CONNECTION FOR UVC LIGHT.

VRF OUTDOOR UNITS SCHEDULES

TAG. NO.	T. CAPACITY MBH	SERVING UNIT #	ELECTRICAL DATA			COMP. (EA)		FAN MOTOR		IEER	WEIGHT (LB.)	INDEPENDENT UNIT MODEL	MANUFACTURER & MODEL NO.	REMARKS
			VOLTS-PH-HZ	MCA	MOP	QTY.	RLA	QTY.	KW					
CU-100	336	CC-101 TO CC-104, FCU-100 TO FCU-101	460-3-60	55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA	DAIKIN RXYQ336XAYDA	(I).
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		
CU-200	408	CC-201 TO CC-214, FCU-200 TO FCU-201	460-3-60	36.3	45	1	23.8	2	0.35	–	535	RXYQ96XAYDA	DAIKIN RXYQ408XAYDA	
				55.1	60	2	16.7	2	0.75	–	709	RXYQ144XAYDA		
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		
CU-300	408	CC-301 TO CC-312, FCU-300 TO FCU-301	460-3-60	36.3	45	1	23.8	2	0.35	–	535	RXYQ96XAYDA	DAIKIN RXYQ408XAYDA	
				55.1	60	2	16.7	2	0.75	–	709	RXYQ144XAYDA		
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		
CU-400	408	CC-401 TO CC-426, FCU-400 TO FCU-401	460-3-60	36.3	45	1	23.8	2	0.35	–	535	RXYQ96XAYDA	DAIKIN RXYQ408XAYDA	
				55.1	60	2	16.7	2	0.75	–	709	RXYQ144XAYDA		
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		
CU-500	408	CC-501 TO CC-516, FCU-500	460-3-60	36.3	45	1	23.8	2	0.35	–	535	RXYQ96XAYDA	DAIKIN RXYQ408BXAYDA	
				55.1	60	2	16.7	2	0.75	–	709	RXYQ144XAYDA		
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		
CU-600	408	CC-601 TO CC-620, FCU-600 TO FCU-601	460-3-60	36.3	45	1	23.8	2	0.35	–	535	RXYQ96XAYDA	DAIKIN RXYQ408BXAYDA	
				55.1	60	2	16.7	2	0.75	–	709	RXYQ144XAYDA		
				55.1	60	2	18.8	2	0.75	–	709	RXYQ168XAYDA		

REMARKS: (I). INTELLIGENT TOUCH CONTROLLER. (U). UNIFIED ON/OFF CONTROLLER. (T). MANUFACTURER HEAVY ANTI-CORROSION TREATMENT.
(E). EER KIT (VRF EXPANSION VALVE) (G). DIGITAL PRESSURE GAUGE KIT. (C). CENTRAL REMOTE CONTROLLER.

NOTE: 1) VERIFY ELECTRICAL CONNECTION AND VOLTAGE AT FIELD PRIOR TO EQUIPMENT PURCHASE. 4) ALL AC UNITS SHALL BE UL & AHRI APPROVALS.
2) REFRIGERANT LINE SIZING SHALL BE DONE BY EQUIPMENT MANUFACTURER. 5) START UP SHALL BE DONE BY EQUIPMENT MANUFACTURER.
3) EACH INDIVIDUAL OUTDOOR UNIT REQUIRES A SEPARATE ELECTRICAL CONNECTION.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1330
Tel. : (787) 277-9170 FAX: (787) 277-9045

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#2547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
VAC SCHEDULES

DRAWING NUMBER
VAC-201

of

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JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

"Yo, José Luis Marrero Sicardo, licencia # 14670, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OIGPe y otras autoridades competentes, incluyendo, pero sin limitarse, a la terminación de la participación en los procedimientos de certificación profesional en la OIGPe."

EXHAUST & MAKEUP FAN SCHEDULE

TAG. NO.	LOCATION	TYPE	DRIVE	CFM	S.P. IN W.G.	H.P.	ELECT.	MODEL NO.	MANUFACTURER	ELECTRICALLY INTERLOCKED WITH	ROOF/WALL OPENING	REMARKS
EF-400	CEILING FOURTH LEVEL	CENT.	DIRECT	100	0.375	(54w)	115/1/60	TD-150	SOLER PALAU	CU-400	–	B, S
EF-600	CEILING SIXTH LEVEL	CENT.	DIRECT	150	0.375	(65w)	115/1/60	TD-150	SOLER PALAU	CU-600	–	B, S
EF-R01	ROOF	CENT.	BELT	3,000	0.375	0.75	230/1/60	165ACEB	COOK	START/STOP SWITCH	20"x20"	B, S
SF-100	CEILING FIRST LEVEL	CENT.	DIRECT	460	0.375	(241w)	115/1/60	TD-250	SOLER PALAU	CU-100	–	B, S
SF-201	CEILING SECOND LEVEL	CENT.	DIRECT	350	0.375	(139w)	115/1/60	TD-200	SOLER PALAU	CU-200	–	B, S
SF-202	CEILING SECOND LEVEL	CENT.	DIRECT	570	0.375	(335w)	115/1/60	TD-315	SOLER PALAU	CU-200	–	B, S
SF-301	CEILING THIRD LEVEL	CENT.	DIRECT	525	0.375	(208w)	115/1/60	TD-315	SOLER PALAU	CU-300	–	B, S
SF-302	CEILING THIRD LEVEL	CENT.	DIRECT	550	0.375	(208w)	115/1/60	TD-315	SOLER PALAU	CU-300	–	B, S
SF-401	CEILING FOURTH LEVEL	CENT.	DIRECT	620	0.375	(241w)	115/1/60	TD-250	SOLER PALAU	CU-400	–	B, S
SF-402	CEILING FOURTH LEVEL	CENT.	DIRECT	505	0.375	(208w)	115/1/60	TD-315	SOLER PALAU	CU-400	–	B, S
SF-501	CEILING FIFTH LEVEL	CENT.	DIRECT	655	0.375	(241w)	115/1/60	TD-250	SOLER PALAU	CU-500	–	B, S
SF-502	CEILING FIFTH LEVEL	CENT.	DIRECT	525	0.375	(208W)	115/1/60	TD-315	SOLER PALAU	CU-500	–	B, S
SF-601	CEILING SIXTH LEVEL	CENT.	DIRECT	555	0.375	(208W)	115/1/60	TD-315	SOLER PALAU	CU-600	–	B, S
SF-602	CEILING SIXTH LEVEL	CENT.	DIRECT	530	0.375	(208W)	115/1/60	TD-315	SOLER PALAU	CU-600	–	B, S

REMARKS:
(B). GRAVITY BACKDRAFT DAMPER. (E). EPOXY PAINT PROTECTION. (SP). SPEED CONTROL. (G). GREASE TROUGH. (V). VENTED EXTENSION. (S). STARTER
(T). 24/7 PROGREMMABLE TIME CLOCK LOCATED NEXT TO ELECTRICAL PANEL. (PL). PILOT LIGHT SWITCH LOCATED INSIDE ROOM. (F). FIBER GLASS CONSTRUCTION.

NOTE: 1) CONTRACTOR SHALL BE RESPONSIBLE OF VERIFY ELECTRICAL CONNECTION AT FIELD PRIOR TO EQUIPMENT PURCHASE.
2) PROVIDE START/STOP SWITCH FOR FAN OPERATION. COORDINATE LOCATION AT FIELD.

AIR TERMINALS SCHEDULE

DESIG.	T Y P E	MODEL	MANUFACTURER	REMARK
SD-1	SUPPLY DIFFUSER	5000	METAL AIRE	ALUMINUM CONSTRUCTION
RR-1	RETURN / EXHAUST REGISTER	RHD	METAL AIRE	ALUMINUM CONSTRUCTION
RR-2	VOLUME ADJUSTABLE ROUND GRILLE	JRC	SEIHO	ALUMINUM CONSTRUCTION
OAL-1	OUTSIDE AIR LOUVER	OAL2F	METAL AIRE	ALUMINUM CONSTRUCTION
OAL-2	OUTSIDE AIR LOUVER	SXL-N	SEIHO	ALUMINUM CONSTRUCTION

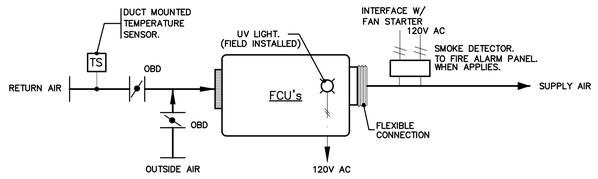
*DIFFUSERS AND REGISTERS MOUNTING STYLE SHALL MATCH CEILING TYPE, PATTERN AND MATERIAL.
*DIFFUSERS AND REGISTERS COLOR SHALL BE AS PER ARCHITEC'S COLOR CRITERIA.
*PROVIDE TR TRANSITION IF REQUIRED.

NOMENCLATURE

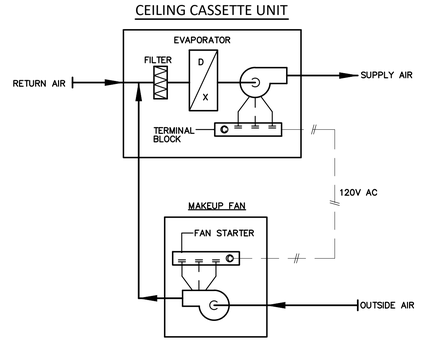
MCA:	MIN. CIRCUIT AMPS.	(A)
MFA:	MAX. FUSE AMPS.	(A)
MSC:	MAX. STARTING CURRENT	(A)
RLA:	RATED LOAD AMPS.	(A)
OFM:	OUTDOOR FAN MOTOR	
FLA:	FULL LOAD AMPS.	(A)
KW:	RATED MOTOR OUT PUT	(KW)
COP:	COEFFICIENT OF PERFORMANCE	

ELECTRICAL REQUIREMENTS FOR AUTOMATIC CONTROL SYSTEM

1. CONTRACTOR SHALL PROVIDE DEDICATED 120 VOLT CONNECTION FOR CONTROL SYSTEM IN THE FOLLOWING AREAS:
INSIDE MECHANICAL ROOMS OR MECHANICAL CLOSETS
NEAR INTELLIGENT TOUCH CONTROLLER.
NEAR GATEWAY MODULE.
2. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE ELECTRICAL CONNECTION FROM THE JUNCTION PROVIDED TO THE CONTROL EQUIPMENT.



FCU CONTROL DIAGRAM
SCALE :N.T.S.



MAKEUP FAN CONTROL DIAGRAM
SCALE : N.T.S.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan, PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Frat. No. #13261

REVISIONS

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

DRAWING NAME
VAC SCHEDULES

DRAWING NUMBER
VAC-202

OF

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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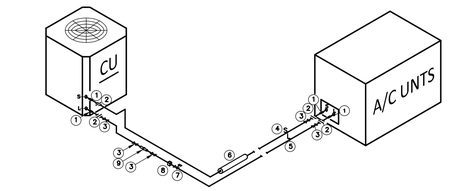
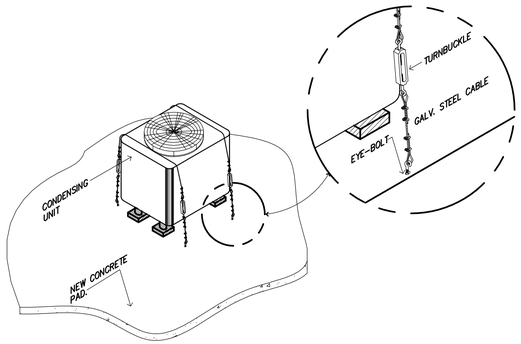


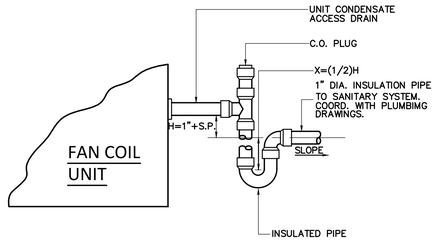
FITTING DESCRIPTION

1. COPPER FLEXIBLE CONNECTION
2. COPPER UNION
3. COPPER GATE VALVE
4. COPPER SUCTION LINE (TYP.)
5. COPPER LIQUID LINE (TYP.)
6. 1/2" TH. NEOPRENE PIPE INSULATION
7. SOLENOID VALVE (TYP.)
8. COPPER SIGHTGLASS (TYP.)
9. LIQUID FILTER (USE PRESSURE FITTINGS)

REFRIGERANT PIPING CONNECTION DETAIL
SCALE : N.T.S.



CONDENSING UNIT ANCHORAGE DETAIL
SCALE : N.T.S.



CONDENSATE DRAIN DETAIL
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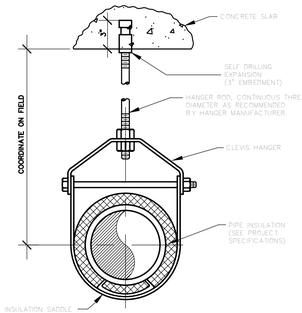
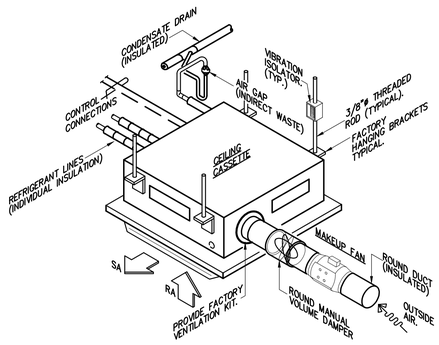
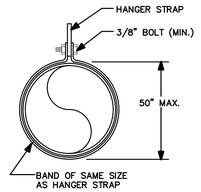


PIPE HANGER
SCALE : N.T.S.

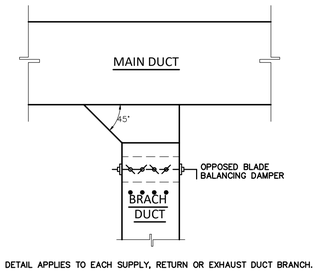


TYPICAL CEILING CASSETTE INSTALLATION DETAIL
SCALE : N.T.S.



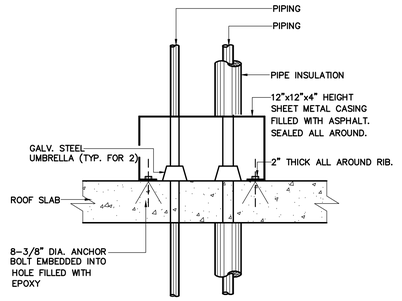
ROUND DUCT HANGERS SIZES				
DUCT DIAMETER	MINIMUM HANGER SIZE GLAV. STEEL STRAP	RECOM. SPACING	NO. OF HANGERS	HANGER RING SIZE
UP THRU 18"	1" X 20 GA.	12'	1	1" X 20 GA.
19" TO 36"	1" X 18 GA.	12'	1	1" X 18 GA.
37" TO 50"	1" X 16 GA.	12'	1	1" X 16 GA.

ROUND DUCT HANGERS DETAIL
SCALE : N.T.S.

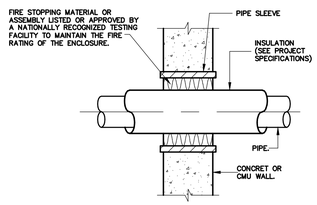


DETAIL APPLIES TO EACH SUPPLY, RETURN OR EXHAUST DUCT BRANCH.

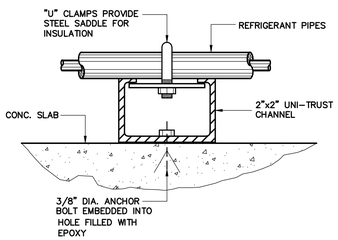
TYPICAL TAKE-OFF DETAIL
SCALE : N.T.S.



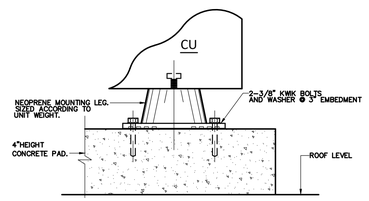
PIPE THRU CONCRETE ROOF DETAIL
SCALE : N.T.S.



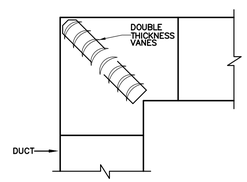
PIPING WALL PENETRATION DETAIL
SCALE : N.T.S.



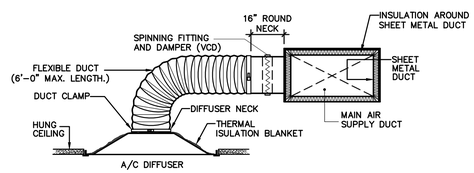
REFRIGERANTS PIPES SUPPORT DETAIL
SCALE : N.T.S.



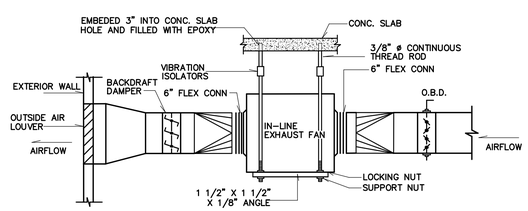
CU MOUNTING DETAIL
SCALE : N.T.S.



SQUARED VANED ELBOW
SCALE : N.T.S.



CEILING DIFFUSER & FLEXIBLE DUCT INSTALLATION DETAIL
SCALE : N.T.S.



EXHAUST FAN MOUNTING DETAIL
SCALE : N.T.S.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan, PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Frat Id. #3281

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

PROJECT NO.

DRAWING NAME
VAC DETAILS

DRAWING NUMBER
VAC-300

OF

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JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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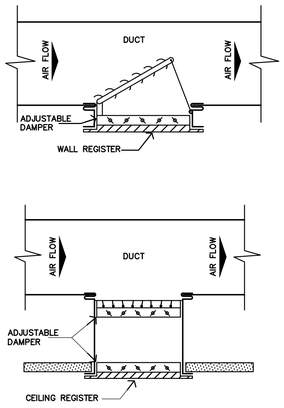
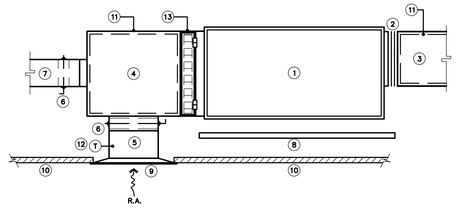


DETAIL APPLIES TO EACH WALL OR CEILING MOUNTED SUPPLY, RETURN OR EXHAUST REGISTER AND DIFFUSER.

SUPPLY DIFFUSER, EXHAUST OR RETURN REGISTER MOUNTING DETAIL

SCALE : N.T.S.

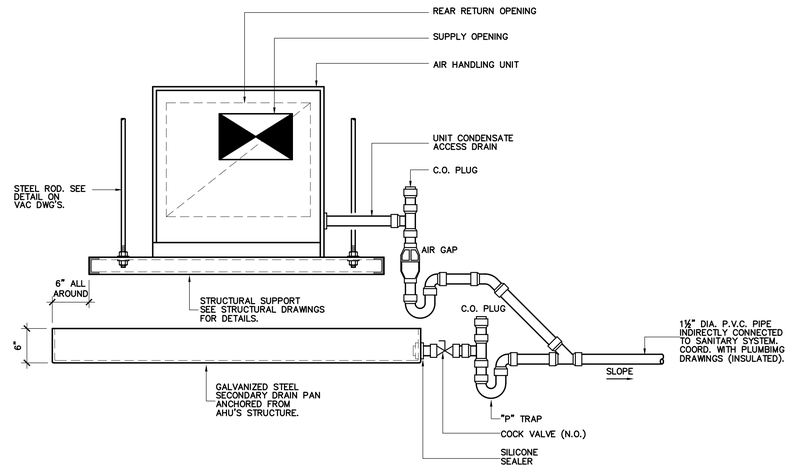


LEGEND:

1. FAN COIL UNIT.
2. FLEXIBLE CONNECTION.
3. SUPPLY AIR DUCT.
4. FIELD FABRICATED GALVANIZED STEEL MIXING PLENUM.
5. R.A. DUCT
6. OPPOSED BLADE BALANCING DAMPER.
7. O.A. DUCT
8. INSULATED GALVANIZED STEEL SECONDARY DRAIN PAN.
9. R.A. GRILLE SEE ARCHITECTURAL DWG'S. FOR DETAILS. (24"x24" MIN.)
10. ARCHITECTURAL CEILING, SEE ARCHITECTURAL DWG'S. FOR DETAILS.
11. 1" TICK INTERNAL ACOUSTICAL LINING.
12. PLENUM MOUNTED TEMP. SENSOR.
13. FILTER FRAME WITH 35% EFF. DISPOSABLE FILTER. PROVIDE AIR TIGHT RUBBER GASKETS AND LOCKING DEVICE DOOR.

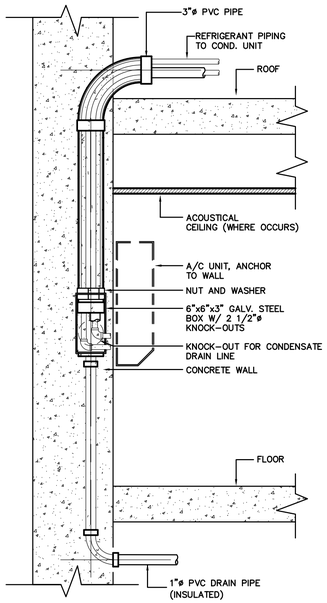
FAN COIL UNIT MOUNTING DETAIL

SCALE : N.T.S.



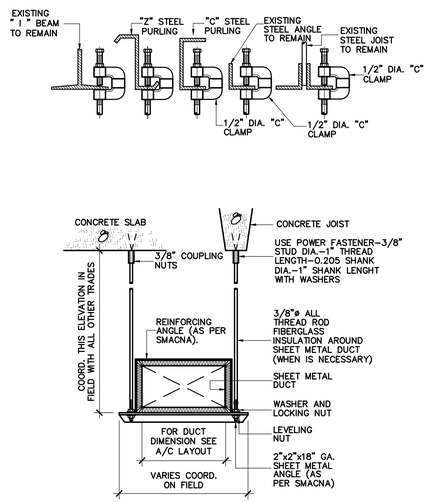
SECONDARY DRAIN PAN MOUNTING DETAIL

SCALE : N.T.S.



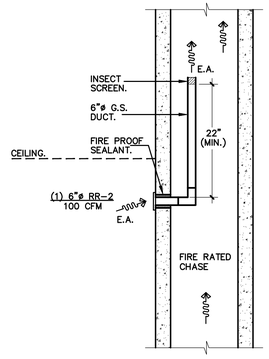
SPLIT UNIT INSTALLATION DETAIL

SCALE : N.T.S.



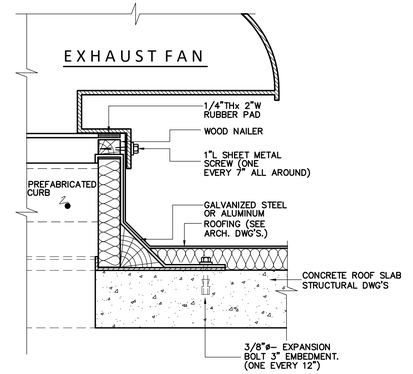
SUPPLY,RETURN OR EXHAUST SHEET METALDUCT HANGER DETAIL

SCALE : N.T.S.



VENTILATION CHASE TYPICAL DETAIL

SCALE : N.T.S.



PRE-FAB CONCRETE ROOF CURB MOUNTING DETAIL

SCALE : N.T.S.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan, PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Frat. Ia. #3301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

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DRAWING NAME: VAC DETAILS

DRAWING NUMBER: VAC-301

OF

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
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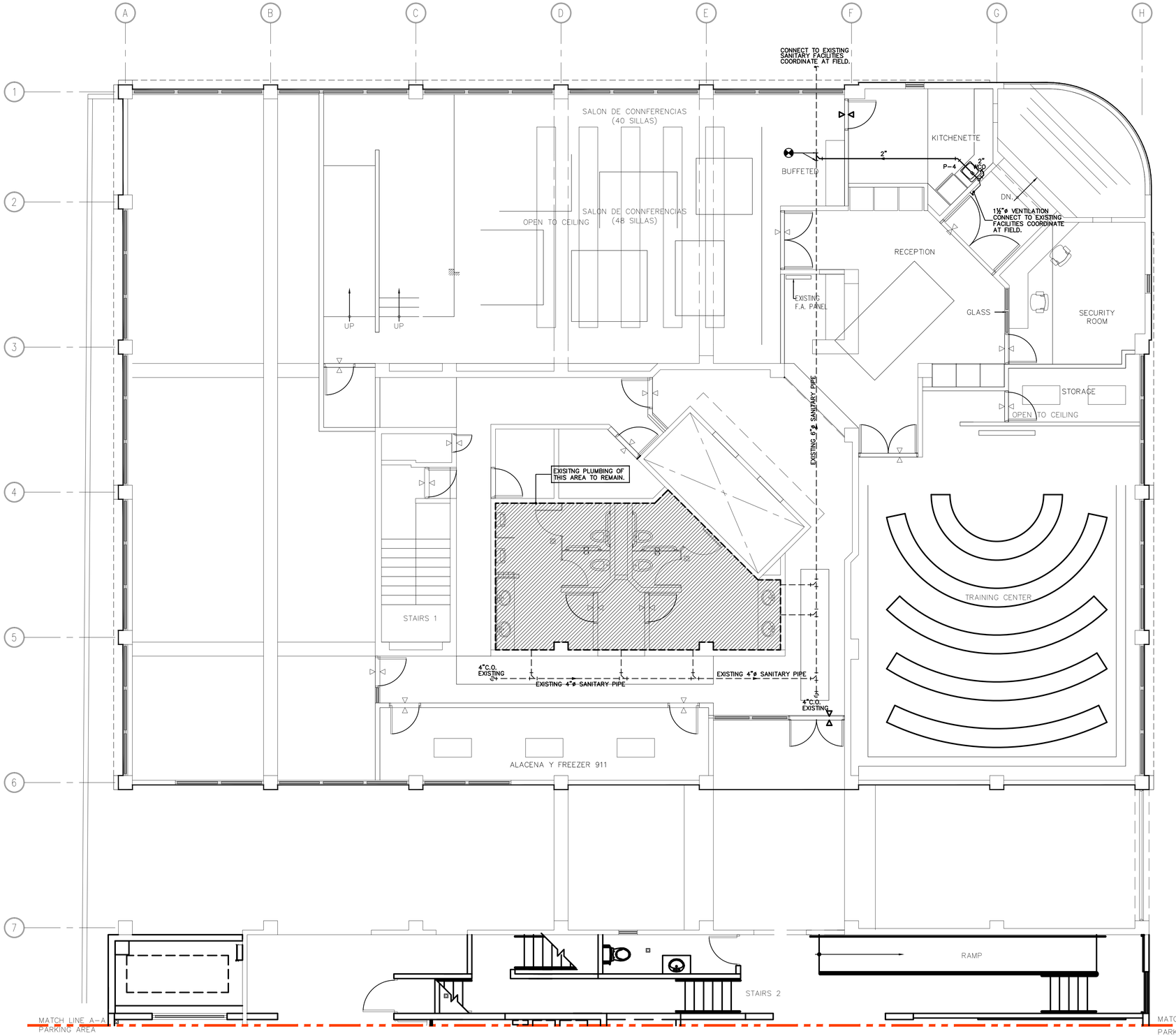

NOTES:

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PLUMBING LEGEND:

——-——	COLD POTABLE WATER LINE
——-——	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
— — —	SANITARY VENTILATION LINE
- - - -	STORM SEWER LINE
CWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
HWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
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WS 3"ø	INDICATES WASTE STACK DESIGNATION AND SIZE
R.L. 3"ø	INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
VS 1½"ø	INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO INGENIERO LICENCIADO LIC. #14670 PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Berbesi Paz lic. #13301

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

DRAWING NAME
FIRST LEVEL FLOOR PLAN- SANITARY LAYOUT

DRAWING NUMBER
PL-100

OF

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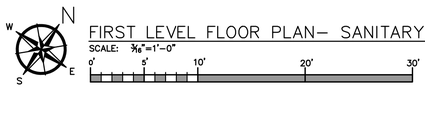
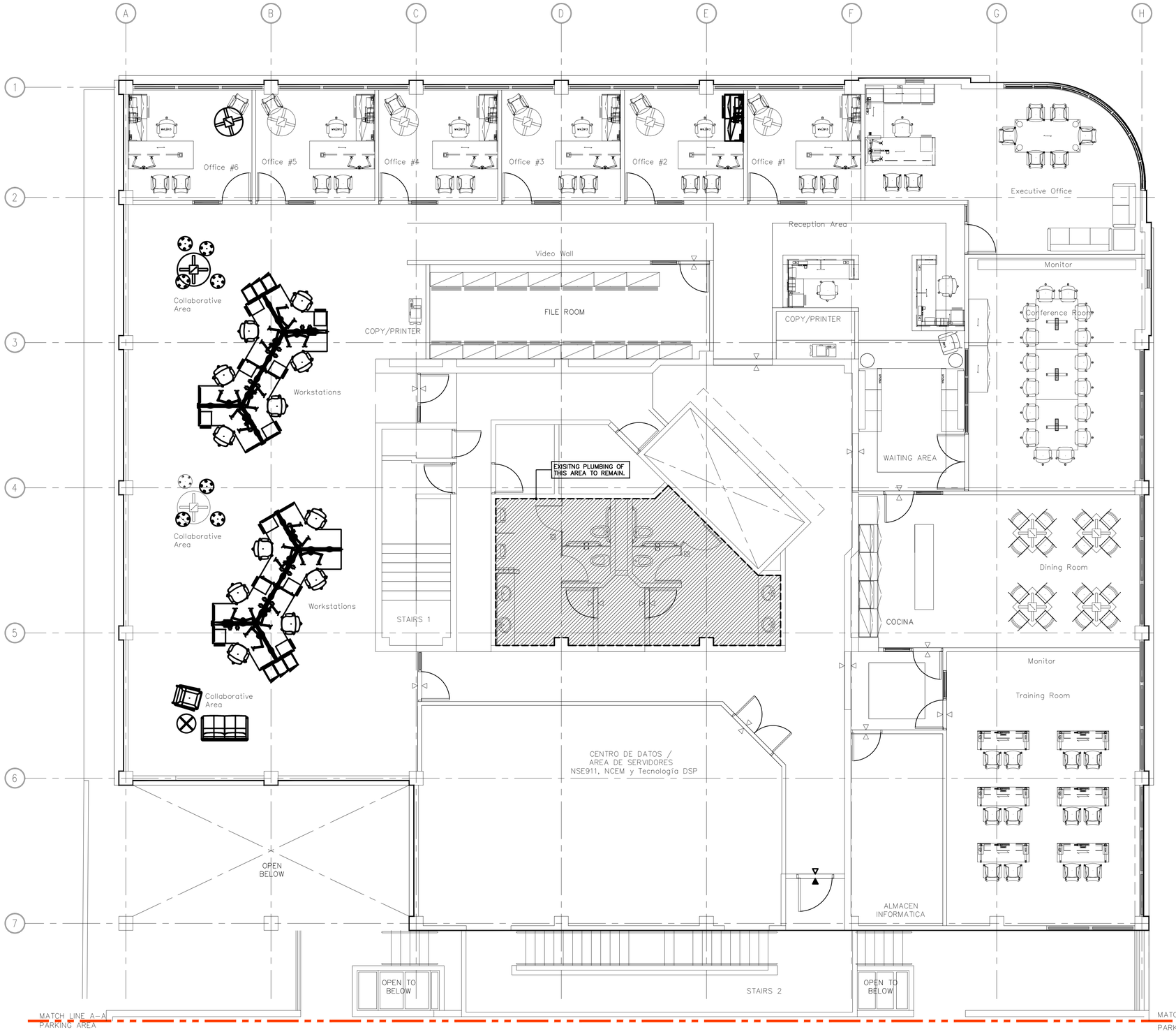


FIRST LEVEL FLOOR PLAN- SANITARY LAYOUT

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

0' 5' 10' 20' 30'



NOTES:

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P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

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H.W.S.	HOT WATER
(TYP.)	TYPICAL
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H.B.	HOSE BIBB
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JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Berbesi Paz lic. #3351

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME
SECOND LEVEL FLOOR PLAN-SANITARY LAYOUT

DRAWING NUMBER
PL-101

OF

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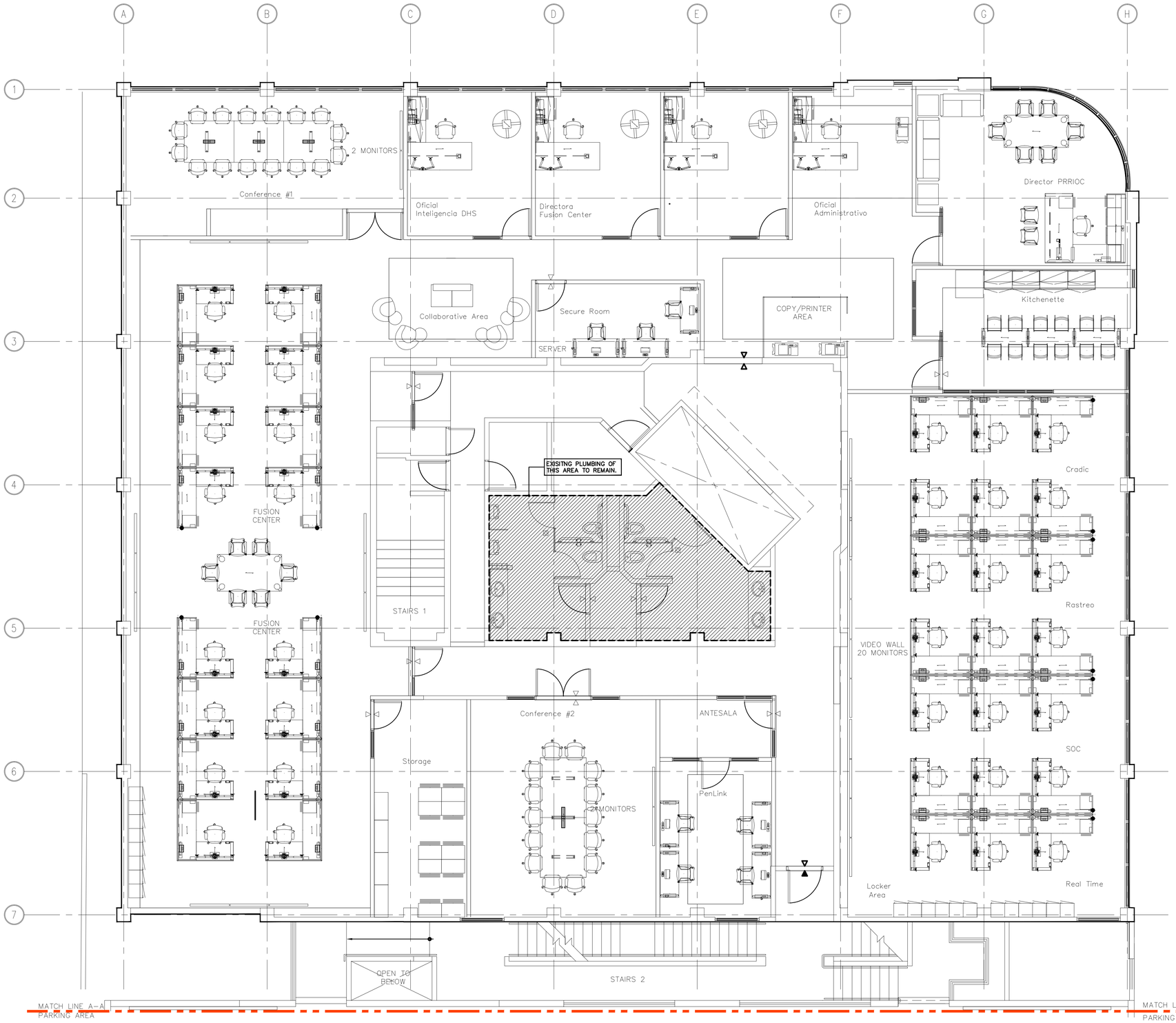
N
W E S
SECOND LEVEL FLOOR PLAN- SANITARY LAYOUT
SCALE: 3/16"=1'-0"
0' 5' 10' 20' 30'



NOTES:

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INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

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501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
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San Juan PUERTO RICO, 00920-5583
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E mail: bersa.arquitectura@gmail.com
Joseph Berbesi Paz lic. #13301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

DRAWING NAME
THIRD LEVEL FLOOR PLAN- SANITARY LAYOUT

DRAWING NUMBER
PL-102

OF

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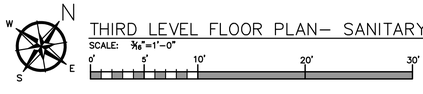
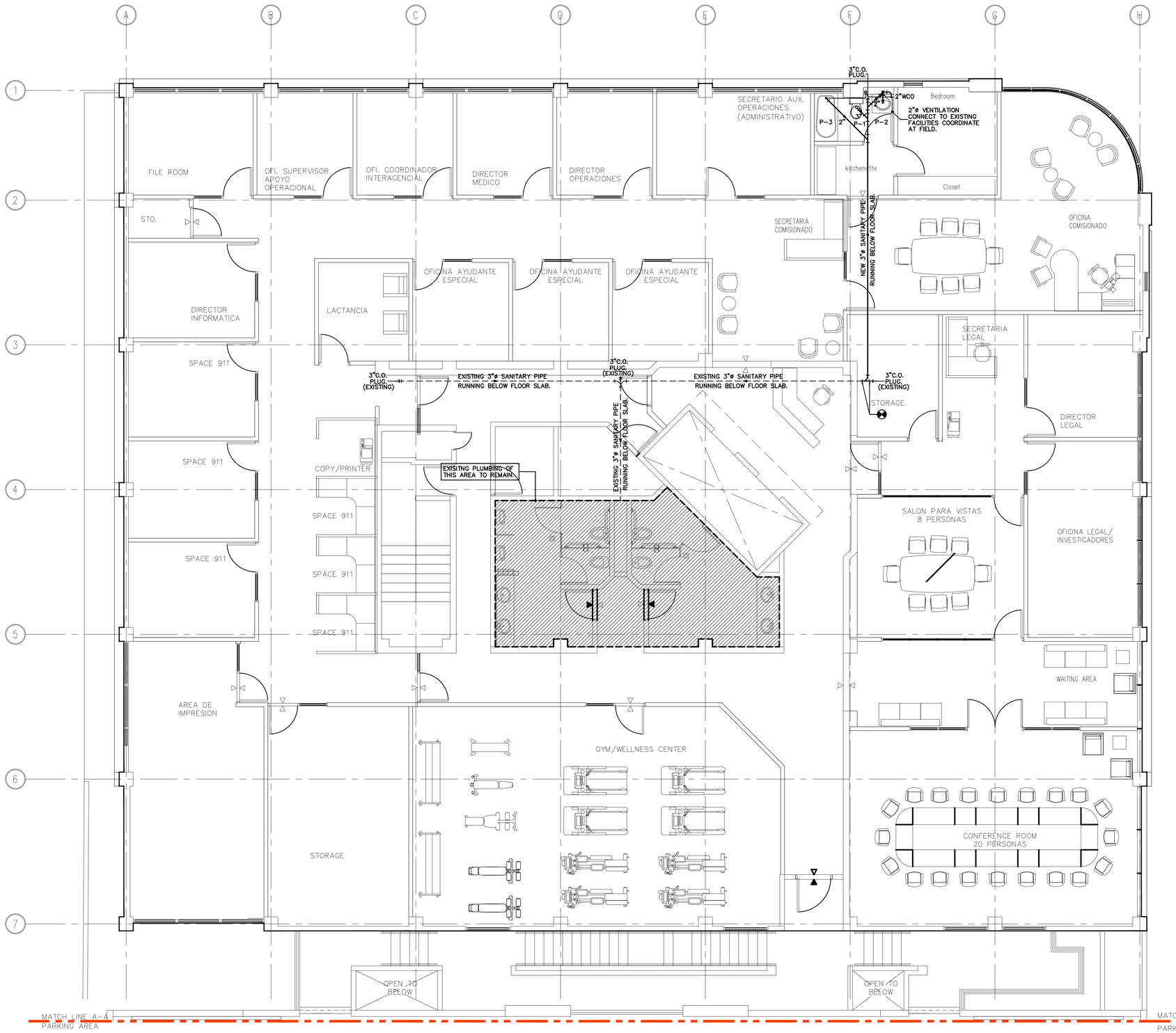


THIRD LEVEL FLOOR PLAN- SANITARY LAYOUT

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

0' 5' 10' 20' 30'



NOTES:

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3. CONTRACTOR MUST REPLACE IN KIND ACCESS DOOR.
4. CONTRACTOR SHALL VERIFY AT FIELD EXACT PLUMBING PIPING LOCATIONS BEFORE PERFORM TIE-INS. ANY DISCREPANCIES SHALL BE BROUGHT TO OUR ATTENTION FOR PROPER COORDINATION.
5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

- COLD POTABLE WATER LINE
- HOT POTABLE WATER LINE (INSULATED)
- SANITARY SEWER LINE
- SANITARY VENTILATION LINE
- STORM SEWER LINE
- CWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- HWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- SS 3"ø — INDICATES SANITARY STACK DESIGNATION AND SIZE
- WS 3"ø — INDICATES WASTE STACK DESIGNATION AND SIZE
- R.L. 3"ø — INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
- VS 1½"ø — INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
- P-1 — INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO — INGENIERO LICENCIADO — LIC. #14670 — PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1301
Tel. : (787) 277-9170 FAX: (787) 277-9045

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

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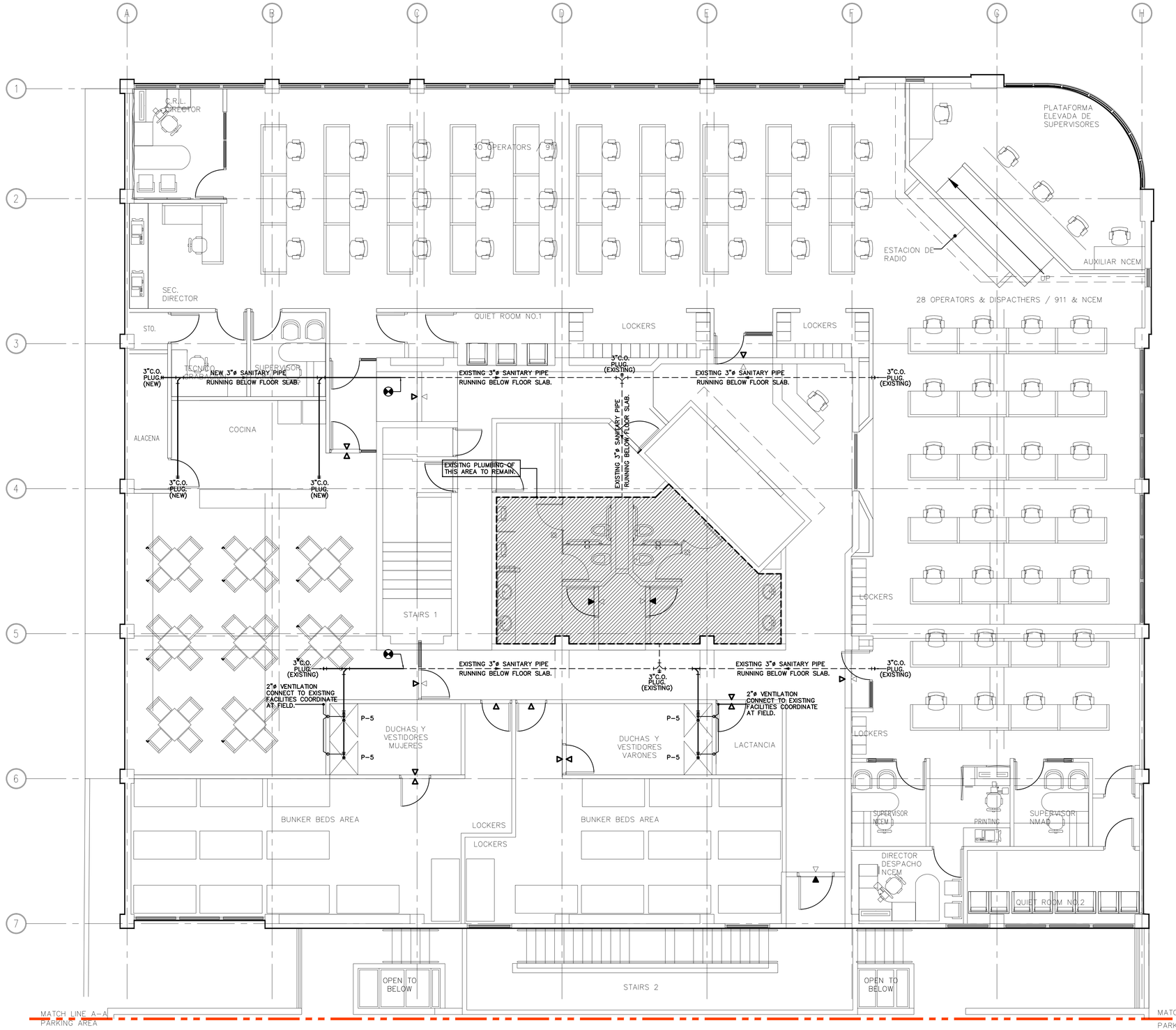
DRAWING NAME
FOURTH LEVEL FLOOR PLAN-SANITARY LAYOUT

DRAWING NUMBER
PL-103

OF

FOURTH LEVEL FLOOR PLAN- SANITARY LAYOUT
SCALE: 3/16"=1'-0"
0' 5' 10' 20' 30'



NOTES:

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4. CONTRACTOR SHALL VERIFY AT FIELD EXACT PLUMBING PIPING LOCATIONS BEFORE PERFORM TIE-INS. ANY DISCREPANCIES SHALL BE BROUGHT TO OUR ATTENTION FOR PROPER COORDINATION.
5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

———	COLD POTABLE WATER LINE
— — —	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
— — —	SANITARY VENTILATION LINE
- - - -	STORM SEWER LINE
CWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
HWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
SS 3"ø	INDICATES SANITARY STACK DESIGNATION AND SIZE
WS 3"ø	INDICATES WASTE STACK DESIGNATION AND SIZE
R.L. 3"ø	INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
VS 1½"ø	INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Nº. #13301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

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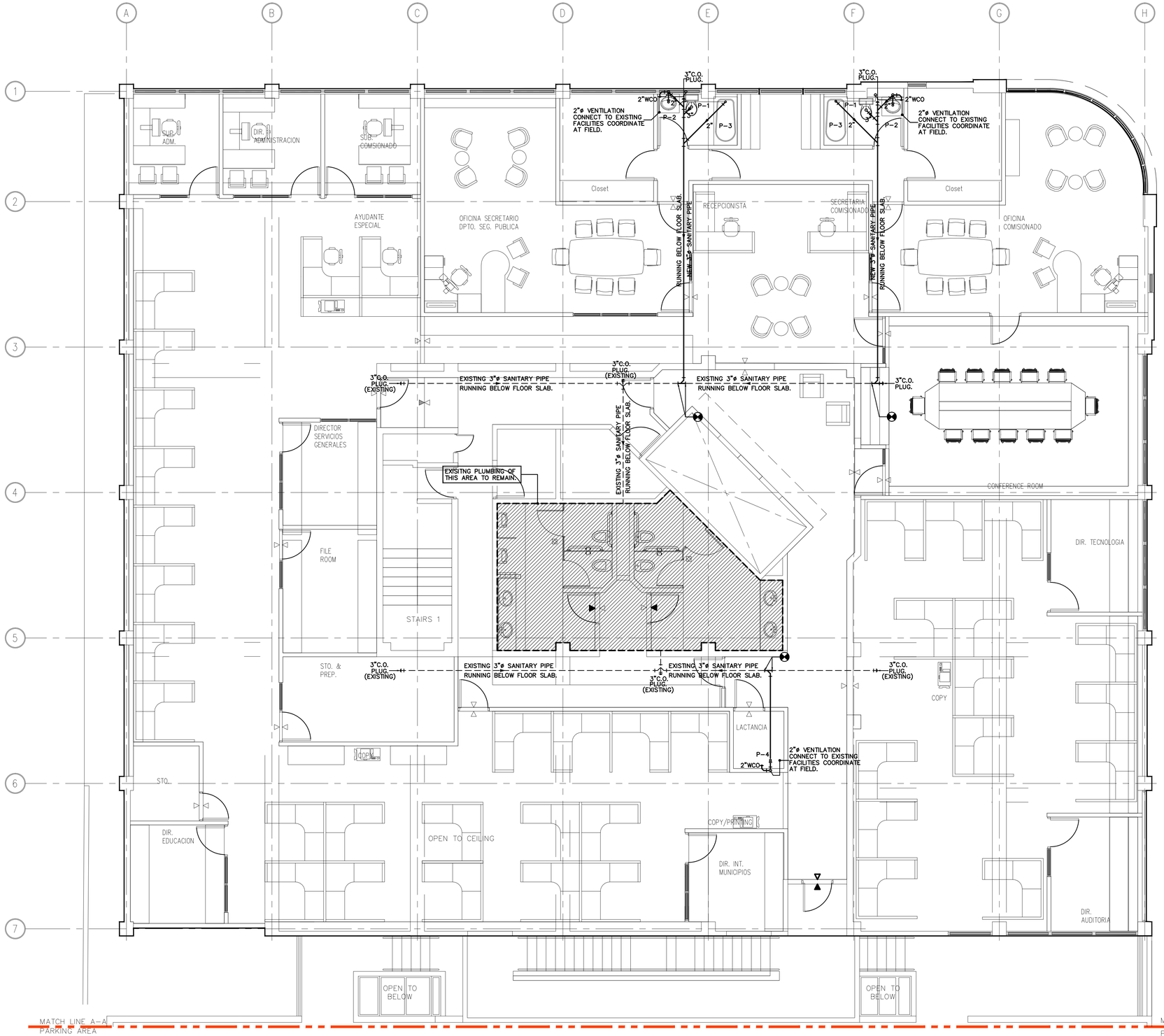
DRAWING NAME
FIFTH LEVEL FLOOR PLAN- SANITARY LAYOUT

DRAWING NUMBER
PL-104

OF

FIFTH LEVEL FLOOR PLAN- SANITARY LAYOUT
SCALE: 3/16"=1'-0"
0' 5' 10' 20' 30'



NOTES:

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5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

———	COLD POTABLE WATER LINE
— - — - —	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
— — —	SANITARY VENTILATION LINE
- - - -	STORM SEWER LINE
CWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
HWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
SS 3"ø	INDICATES SANITARY STACK DESIGNATION AND SIZE
WS 3"ø	INDICATES WASTE STACK DESIGNATION AND SIZE
R.L. 3"ø	INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
VS 1½"ø	INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1331

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

DRAWING NAME
SIXTH LEVEL FLOOR PLAN- SANITARY LAYOUT

DRAWING NUMBER
PL-105

OF

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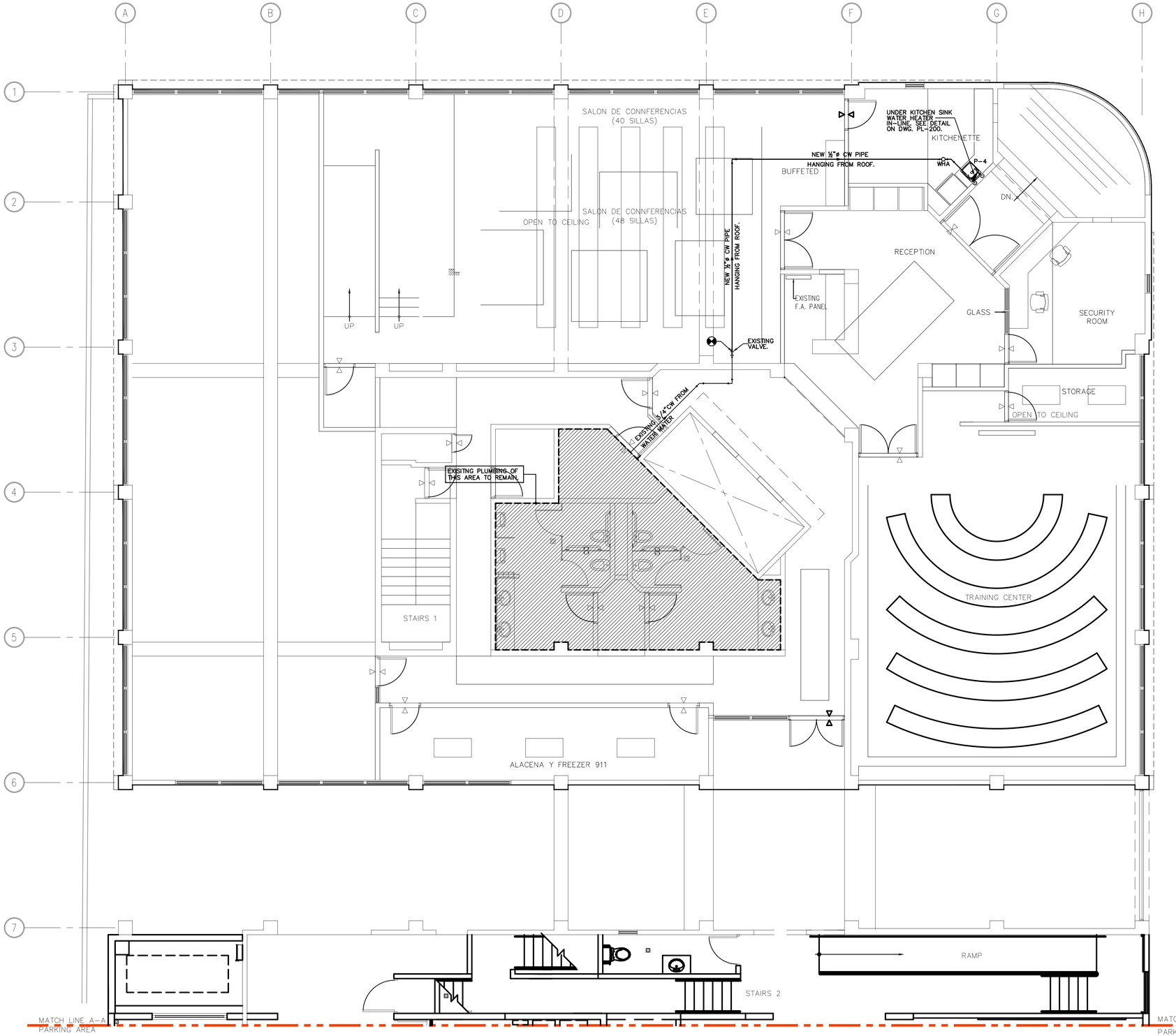
SIXTH LEVEL FLOOR PLAN- SANITARY LAYOUT

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

0' 5' 10' 20' 30'



NOTES:

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5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

- COLD POTABLE WATER LINE
- HOT POTABLE WATER LINE (INSULATED)
- SANITARY SEWER LINE
- SANITARY VENTILATION LINE
- STORM SEWER LINE
- CWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- HWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- SS 3"ø — INDICATES SANITARY STACK DESIGNATION AND SIZE
- WS 3"ø — INDICATES WASTE STACK DESIGNATION AND SIZE
- R.L. 3"ø — INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
- VS 1½"ø — INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
- P-1 — INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO — INGENIERO LICENCIADO — LIC. #14670 — PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
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Tel. (787) 274-8728 * Fax. (787) 772-9121
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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bersano Pres. No. #3301

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

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DRAWING NAME
FIRST LEVEL FLOOR PLAN-
POTABLE WATER LAYOUT

DRAWING NUMBER
PL-106

OF

N W E S

FIRST LEVEL FLOOR PLAN- POTABLE WATER LAYOUT
SCALE: 3/16"=1'-0"
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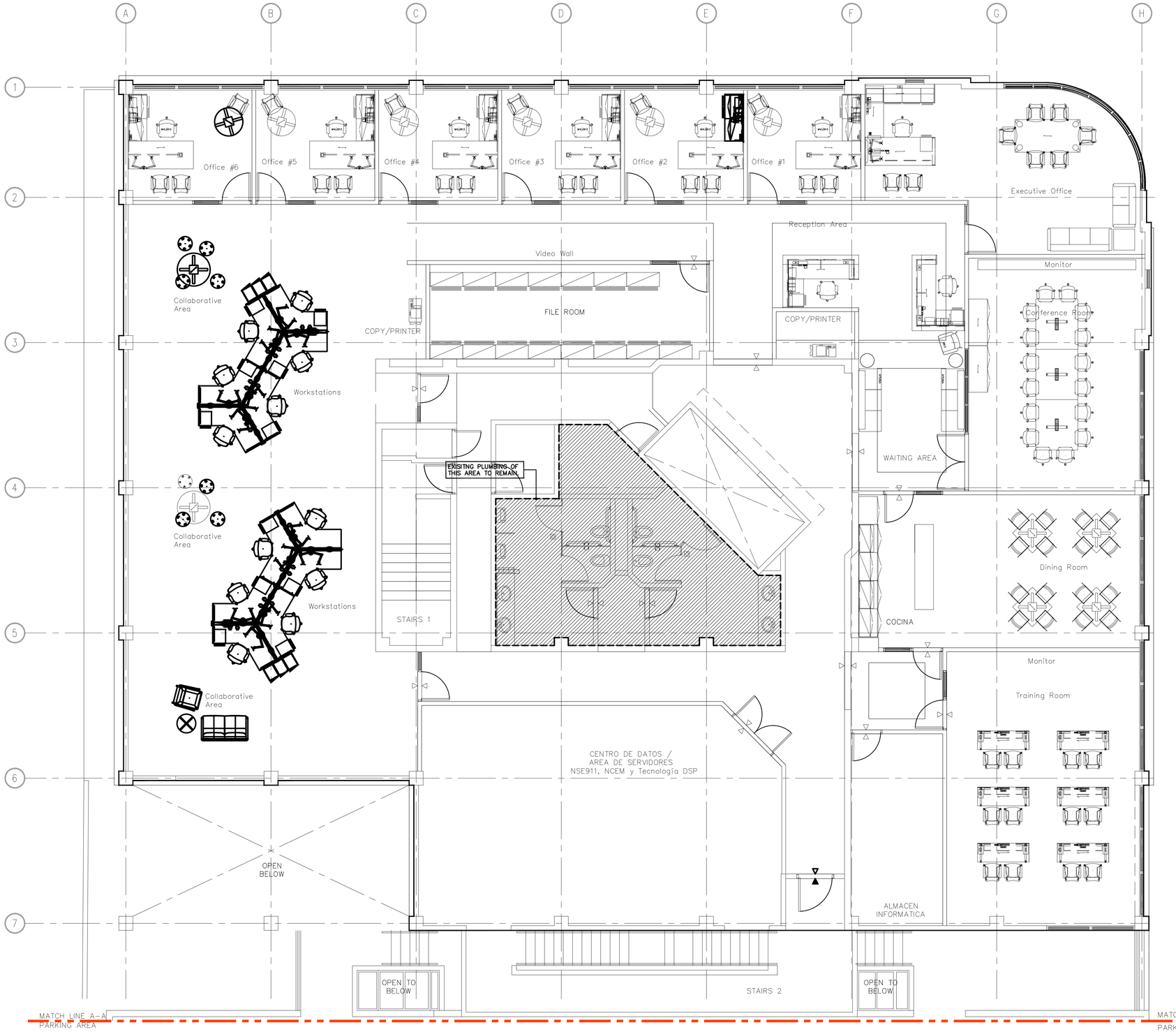

NOTES:

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5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

———	COLD POTABLE WATER LINE
— — —	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
— — —	SANITARY VENTILATION LINE
- - - -	STORM SEWER LINE
CWR ¾"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
HWR ¾"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
SS 3"ø	INDICATES SANITARY STACK DESIGNATION AND SIZE
WS 3"ø	INDICATES WASTE STACK DESIGNATION AND SIZE
R.L. 3"ø	INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
VS 1½"ø	INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
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GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
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PUERTO RICO

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N
W
E
S

SECOND LEVEL FLOOR PLAN- POTABLE WATER LAYOUT
SCALE: 3/16"=1'-0"
0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Berbesi Paz Tel. 81331
Tel. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#5547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

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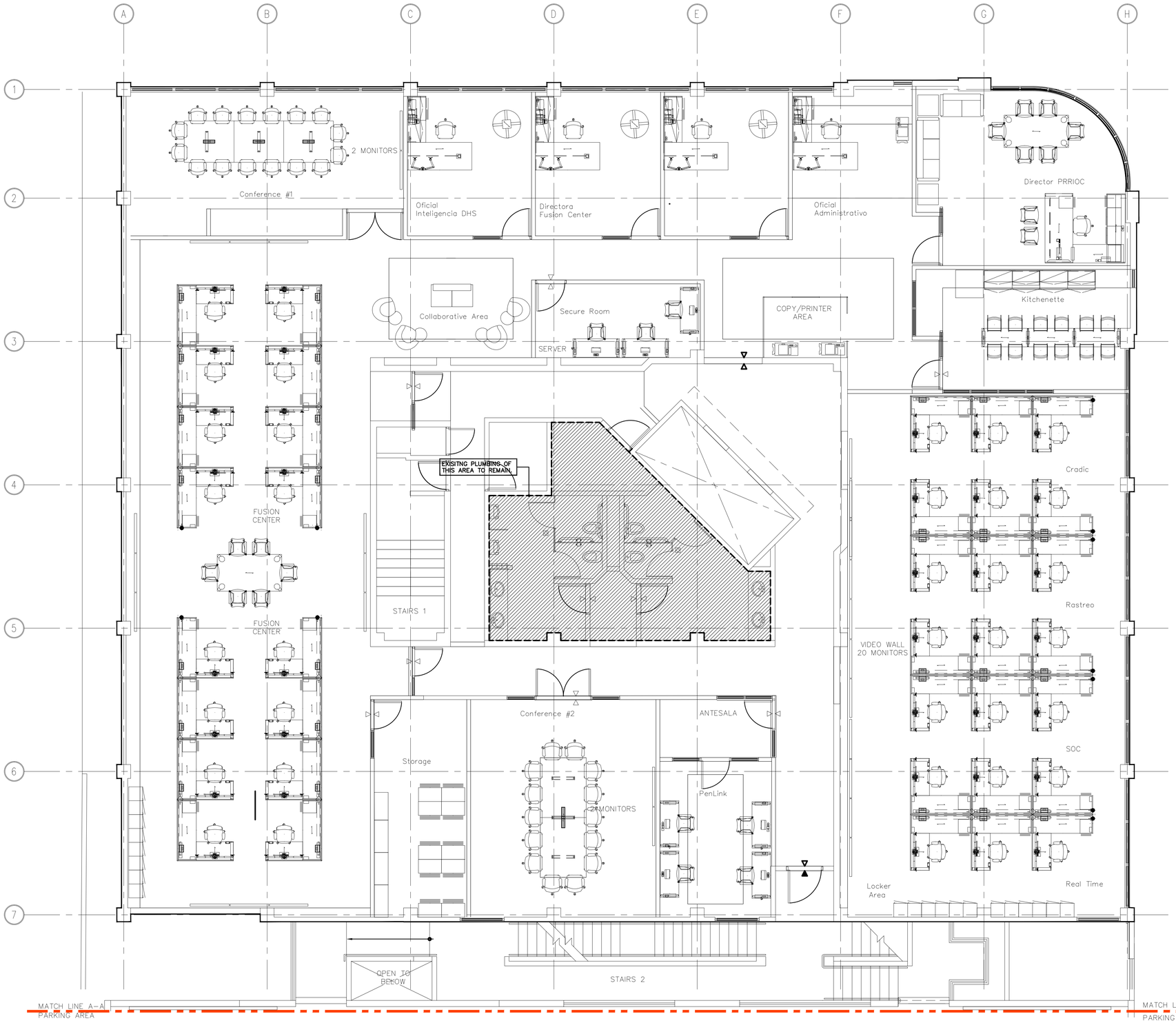
DRAWING NAME
SECOND LEVEL FLOOR PLAN- POTABLE WATER LAYOUT

DRAWING NUMBER
PL-107

OF



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PLUMBING LEGEND:

——-——-	COLD POTABLE WATER LINE
——- - ——-	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
—— — ——	SANITARY VENTILATION LINE
- - - - -	STORM SEWER LINE
CWR 1½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
HWR 1½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
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VS 1½"ø	INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
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FCO	FLOOR CLEAN OUT
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Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. No. #13301

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

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PROJECT NO.

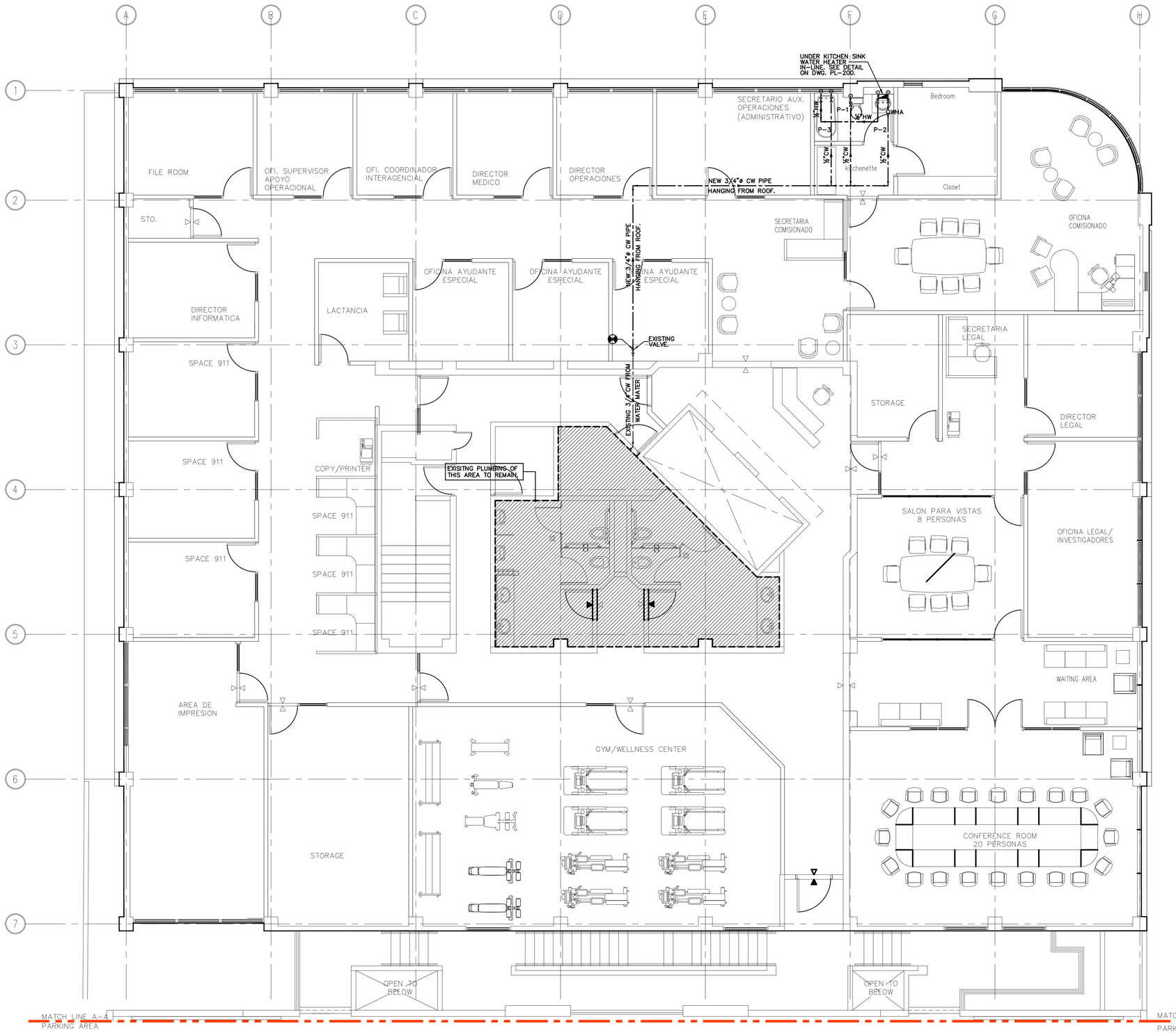
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

DRAWING NAME
THIRD LEVEL FLOOR PLAN-
POTABLE WATER LAYOUT

DRAWING NUMBER
PL-108

OF

THIRD LEVEL FLOOR PLAN- POTABLE WATER LAYOUT
SCALE: 3/16"=1'-0"
0' 5' 10' 20' 30'



NOTES:

1. CONTRACTOR SHALL REPLACE IN KIND EXISTING POTABLE WATER PUMPING AND CONTROL SYSTEM MUST COMPLY WITH CURRENT APPLICABLE CODES. PUMP MUST HANDLE 120 GPM @ 172 FT TDH 10 HP: 480/3/60.
2. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING CISTERN.
3. CONTRACTOR MUST REPLACE IN KIND ACCESS DOOR.
4. CONTRACTOR SHALL VERIFY AT FIELD EXACT PLUMBING PIPING LOCATIONS BEFORE PERFORM TIE-INS. ANY DISCREPANCIES SHALL BE BROUGHT TO OUR ATTENTION FOR PROPER COORDINATION.
5. CONTRACTOR SHALL BE RESPONSIBLE OF PROVIDE CEILING OF WALL ACCESS TO ALL PLUMBING FIXTURES THAT MUST BE SERVICED.
6. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING PLUMBING PIPES.

PLUMBING LEGEND:

- COLD POTABLE WATER LINE
- HOT POTABLE WATER LINE (INSULATED)
- SANITARY SEWER LINE
- SANITARY VENTILATION LINE
- STORM SEWER LINE
- CWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- HWR ½"ø — INDICATES COLD WATER RISER DESIGNATION AND SIZE
- SS 3"ø — INDICATES SANITARY STACK DESIGNATION AND SIZE
- WS 3"ø — INDICATES WASTE STACK DESIGNATION AND SIZE
- R.L. 3"ø — INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
- VS 1½"ø — INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
- P-1 — INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO — INGENIERO LICENCIADO — LIC. #14670 — PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1331
Tel. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

IT REMAINS THE PROPERTY OF THE OFFICE AND SHALL NOT BE USED, REPRODUCED OR CHANGED UNLESS PERMISSION IN WRITING IS OBTAINED.

DRAWING NAME
FOURTH LEVEL FLOOR PLAN-
POTABLE WATER LAYOUT

THE DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THE PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICES BEING RENDERED.

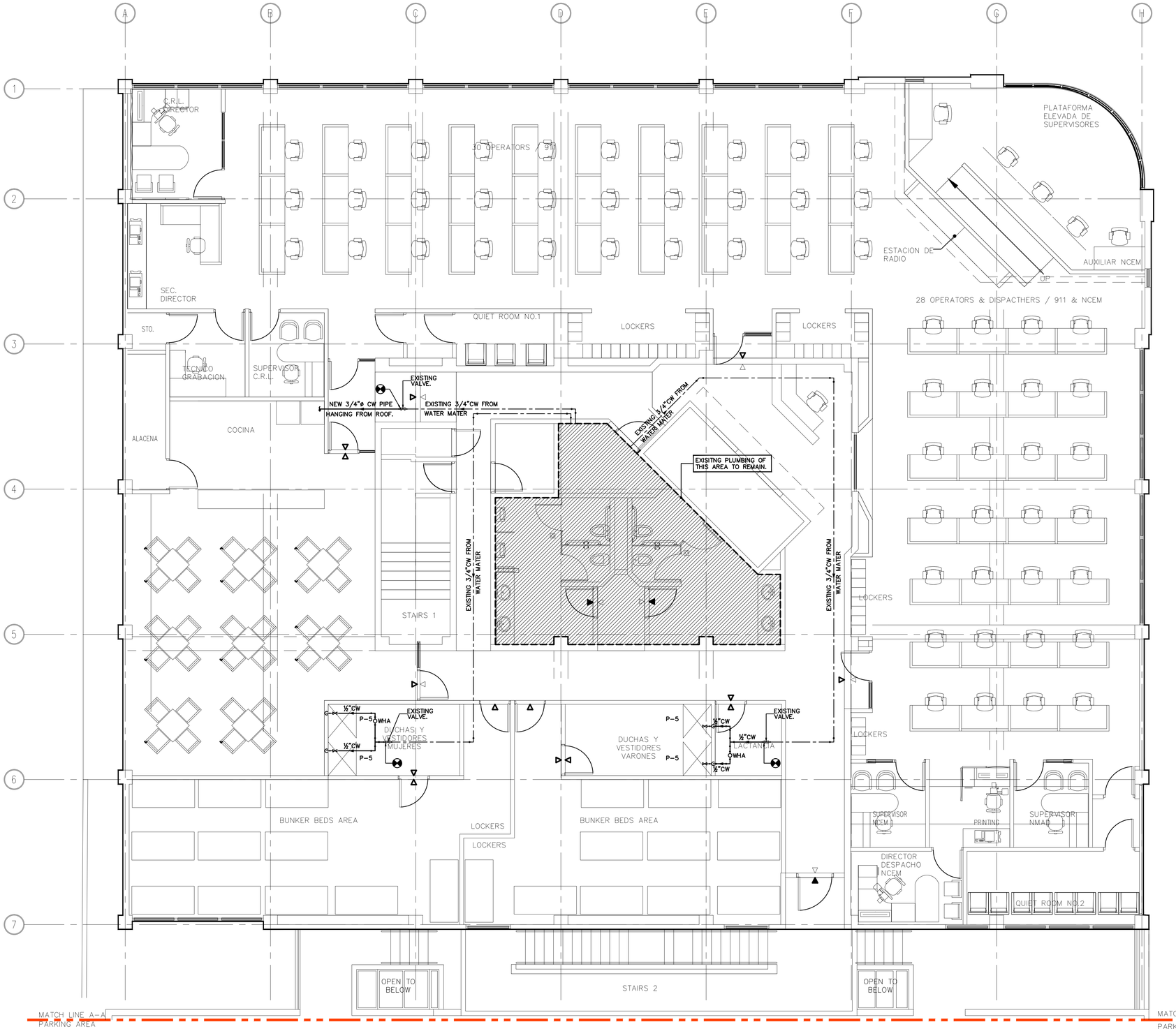
DRAWING NUMBER
PL-109

OF

FOURTH LEVEL FLOOR PLAN- POTABLE WATER LAYOUT

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

0' 5' 10' 20' 30'



NOTES:

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PLUMBING LEGEND:

———	COLD POTABLE WATER LINE
— - — - —	HOT POTABLE WATER LINE (INSULATED)
———	SANITARY SEWER LINE
— — —	SANITARY VENTILATION LINE
- - - - -	STORM SEWER LINE
CWR ½"ø	INDICATES COLD WATER RISER DESIGNATION AND SIZE
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P-1	INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

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R.L.	RAIN LEADER
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INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: j.marrero@jlmpe.com

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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170 FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Rp. #3301

REVISIONS

NUM.	DESCRIPTION	BY	DATE

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

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DRAWING NAME
FIFTH LEVEL FLOOR PLAN-
POTABLE WATER LAYOUT

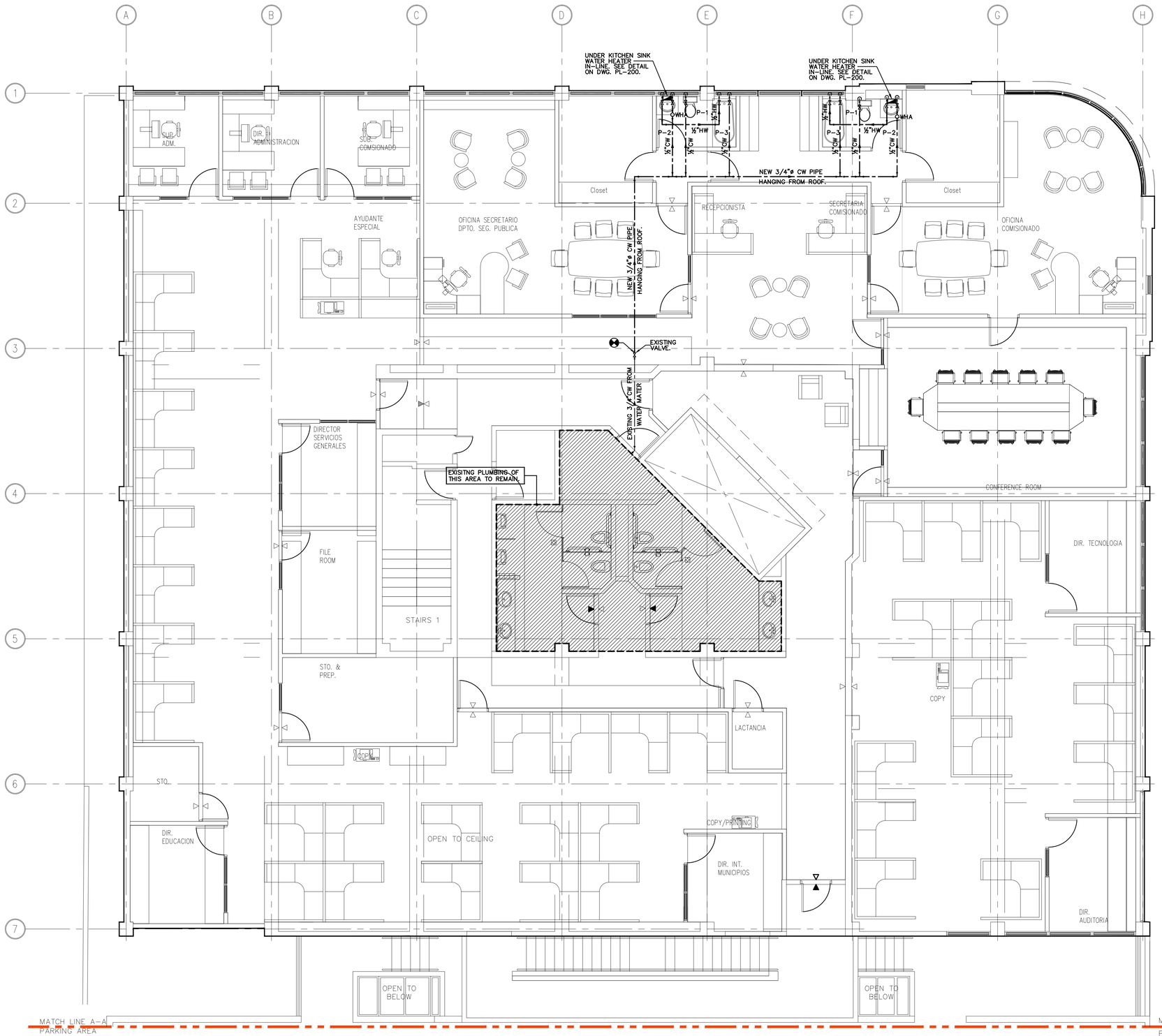
DRAWING NUMBER
PL-110

OF

FIFTH LEVEL FLOOR PLAN- POTABLE WATER LAYOUT

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

0' 5' 10' 20' 30'



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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
1	REVISIONS		

PROJECT NO.

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00925

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DRAWING NAME
SIXTH LEVEL FLOOR PLAN-
POTABLE WATER LAYOUT

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP PSC FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NUMBER
PL-111

OF

SIXTH LEVEL FLOOR PLAN- POTABLE WATER LAYOUT

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

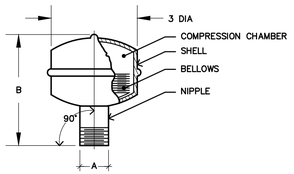
0' 5' 10' 20' 30'

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE DEPARTMENT OF HEALTH OF P.R., THE LOCAL BUILDING CODE, THE INTERNATIONAL PLUMBING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
2. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPE DIAMETER UP TO 4".
3. THE CONTRACTOR SHALL FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, COLD WATER LINES. THESE SLEEVES SHALL BE AS PER THE SPECIFICATIONS.
4. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY OTHER CONTRACTORS.
5. FOR FIXTURES AND/OR EQUIPMENT NOT LISTED IN THE SCHEDULE, SEE THE SPECIFICATIONS.
6. CLEANOUTS SHALL BE PLACED AS SHOWN ON DRAWINGS.
7. THE CONTRACTOR SHALL VERIFY IN FIELD ALL INVERT ELEVATIONS AND SHALL MAKE ANY NECESSARY ADJUSTMENT AS REQUIRED BY FIELD CONDITIONS AND AS REQUIRED, TO OBTAIN THE PROPER SLOPES.
8. IT IS THE INTENTION OF THE DRAWINGS TO CALL FOR FINISHED WORK, COMPLETE, TESTED AND READY FOR OPERATION. MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER INSTALLATION AND FOR FUNCTIONING AND OPERATION OF THE SYSTEM SHALL FORM PART OF THE WORK TO BE DONE BY THE CONTRACTOR.
9. BIDDERS SHALL VISIT THE SITE AND ACQUAINT THEMSELVES WITH THE CONDITIONS AS THEY ACTUALLY EXIST AND VERIFY DIMENSIONS, LOCATIONS AND DETAILS REQUIRED TO COMPLETE THE WORK WHICH WILL BE THE ONLY OPPORTUNITY FOR POTENTIAL CONTRACTORS TO SEE THE SITE. FAILURE TO VISIT THE PROJECT AREA WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER OF FURNISHING ALL MATERIAL AND PERFORMING ALL WORK REQUIRED FOR THE COMPLETION OF THE CONTRACT. VISITS TO THE PROJECT AREA SHALL BE ARRANGED THROUGH THE OWNER.
10. PROVIDE ACCESS FOR OPERATION AND MAINTENANCE TO EVERY PLUMBING VALVE. ACCESS SHALL BE AS REQUIRED BY ARCHITECT.
11. THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT, AS NEEDED, TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
12. CONTRACTOR SHALL LOCATE IN FULLY ACCESSIBLE POSITIONS ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED.
13. INSTALL WATER HAMMER ARRESTER AS SHOWN ON DRAWINGS.
14. ALL UNDERGROUND COPPER PIPING SHALL BE TYPE "K", DIAMETER AS INDICATED.
15. ALL COPPER PIPING ABOVE FINISH FLOOR ELEVATION SHALL BE TYPE "L", DIAMETER AS INDICATED.
16. ALL WASTE, SANITARY AND STORM DRAINAGE LINES SHALL BE PVC SCH-40.
17. ALL PIPING SHALL BE CONCEALED IN FLOOR TOPPINGS, WALL OR CHASES UNLESS OTHERWISE NOTED.
18. LONG SWEEP BENDS OR LONG SWEEP FITTINGS SHALL BE PROVIDED AT THE BASE OF ALL STACKS.
19. CLEANOUTS SHALL NOT BE MORE THAN 100 FEET APART
20. THE PLUMBING CONTRACTOR SHALL COORDINATE HIS/HER PORTION OF THE WORK WITH THE GENERAL CONTRACTOR AND SHALL PROVIDE SLEEVES AT SLABS OR BEAMS FOR PIPING LAYOUT AND FIXTURES INSTALLATION.
21. ALL FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS.
22. SIZES SHOWN IN FIXTURES SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY WITH CODE REQUIREMENTS OR AS SHOWN ON DRAWINGS.
23. SINGLE AND DOUBLE TEES AND QUARTER BENDS SHALL BE USED IN LINES ONLY WHERE THE DIRECTION OF FLOW IS FROM THE HORIZONTAL TO THE VERTICAL.
24. ALL HORIZONTAL PORTIONS OF SOIL STACKS AND BRANCHES SHALL HAVE MINIMUM SLOPE OF 1/4" PER FOOT FOR PIPES 3" DIAMETER OR LESS. 1/8" PER FOOT FOR PIPES 4" OR LARGER IN DIAMETER.
25. THE PLUMBING CONTRACTOR SHALL COORDINATE HIS/HER WORK IN ORDER TO AVOID ANY INTERFERENCE WITH THE WORK OF OTHER CONTRACTORS AND THE INSTALLATION OF FIXTURES AND OR EQUIPMENT BY OTHERS.
26. WATER HAMMER ARRESTER SHALL BE INSTALLED IN ALL WATER DISTRIBUTION BRANCHES WHENEVER INDICATED ON THE DRAWINGS AS PER MANUFACTURER RECOMMENDATIONS. SAME SHALL BE SERIES 5000, MODELS AS SHOWN ON LEGEND.
27. WATER HAMMER ARRESTERS INSTALLED ON WALLS SHALL BE PROVIDED WITH 12" X 12" FRAME WITH HINGE LOCKED DOOR, MODEL JAY R. SMITH FIG-4762-SL,WITH ITS BOTTOM AT 18" ABOVE FINISH FLOOR ELEVATION.
28. GATE VALVES LOCATED UNDERGROUND OR BELOW FLOOR SLABS SHALL BE INSTALLED WITHIN A CAST IRON OR CONCRETE BOX WITH 9 X 9 J.R. SMITH ACCESS COVER FIG. 4915-U.
29. PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICES AND/OR CONNECTIONS REQUIRED FOR THE PLUMBING FIXTURES AND/OR EQUIPMENT SHOWN ON THE FIXTURES PLANS.
30. PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY ROUGHING-IN AND SHALL INSTALL THE PLUMBING FIXTURES INDICATED ON THESE DRAWINGS.
31. WHENEVER REQUIRED OR NEEDED. THE PLUMBING CONTRACTOR SHALL PREPARE AND SUBMIT THE NECESSARY SHOP DRAWINGS FOR THE APPROVAL OF THE ARCHITECT.
32. BEFORE STARTING CONSTRUCTION, THE PLUMBING CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF EXISTING PIPE LINES TO REMAIN IN USE ANY SIGNIFICANT DISCREPANCY WITH THE INFORMATION SHOWN ON THESE DRAWINGS SHALL BE NOTIFIED TO THE ARCHITECT FOR REVISION AND/OR CLARIFICATION.
33. ALL EXPOSED HOT WATER LINES SHALL BE INSULATED WITH 1-1/2" THICK MATERIAL WITH A THERMAL CONDUCTIVITY NOT TO EXCEED 0.22BTU PER SQ INCH PER HOUR AT MEAN TEMPERATURE OF 75°F
34. FIXTURES, FITTINGS, ACCESSORIES, MATERIAL AND ALL PLUMBING PRODUCTS SHALL BE AS PER SPECIFICATIONS ON THESE DRAWINGS AND CONTRACT SPECIFICATIONS. EQUAL OR SIMILAR SHALL BE ONLY ACCEPTED IF PREVIOUSLY APPROVED BY THE ARCHITECT.

NEW PLUMBING FIXTURE SHEDULE

DESIG-NATION	DESCRIPTIONS	LOCATIONS	UNIT WASTE OR SOIL	VENT SIZE	WATER SUPPLY		FIXTURES		REMARKS
					COLD	HOT	COLD	HOT	
P-1	WATER CLOSET	BATHROOM	3"	2"	3/4	–	3/4	–	SEE ARCH. DWGS. FOR SPECS.
P-2	LAVATORY	BATHROOM	1½"	1½"	½"	–	½"	–	SEE ARCH. DWGS. FOR SPECS.
P-3	SHOWER	BATHROOM	2"	1½"	½"	–	½"	–	SEE ARCHITECTURAL DWGS.
P-4	SERVICES SINK	OFFICES	2"	1½"	½"		½"		SEE ARCHITECTURAL DWGS.
FD-1	FLOOR DRAIN	SEE PLUMBING DWGS.	2"	–	–	–	–	–	SMITH FIG. 2010
FCO	FLOOR CLEANOUT	SEE PLUMBING DWGS.	AS SHOWN	–	–	–	–	–	SMITH FIG. 4040-U
WCO	WALL CLEANOUT	SEE PLUMBING DWGS.	AS SHOWN	–	–	–	–	–	SMITH FIG. 4472-U

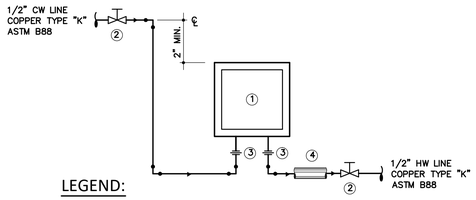


WATER HAMMER ARRESTER

SYMBOL	J.R. SMITH MODEL	MAX. FIXTURE UNITS	DIMENSIONS A	DIMENSIONS B	ACCESS DOOR J.R. SMITH	ACCESS DOOR SIZE
A	5005	1-11	3/4	4	FIG. 4735-NB-U	8" X 8"
B	5010	12-32	1	5	FIG. 4735-NB-U	10" X 10"
C	5020	33-60	1	6	FIG. 4735-NB-U	12" X 12"
D	5030	61-113	1	7	FIG. 4735-NB-U	15" X 15"

WATER HAMMER ARRESTER DETAIL

SCALE : N.T.S.

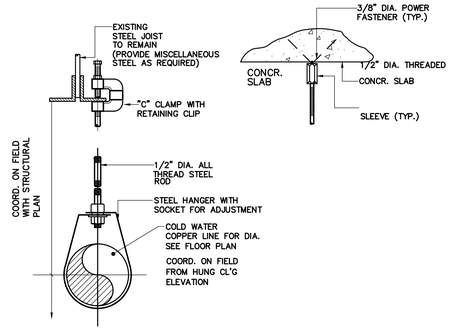


LEGEND:

1. IN-LINE WATER HEATER 7.0 KW, 208/1/60. 30 AMPS. SIMILAR TO MAREY SANTON MODEL HP 724.
2. 1/2" GATE VALVE
3. 1/2" UNIVERSAL CONN.
4. ½" THICK NEOPRENE INSULATION. (APPLIES FOR EXPOSED HOT WATER PIPING).

IN-LINE WATER HEATER INSTALLATION DETAIL

SCALE : N.T.S.



* MAXIMUM HANGER SPACING 8'-0" FOR LINES 1 1/2" DIA. AND LARGE AND 4'-0" FOR LINES 1/2" – 1" DIA.

PIPE HANGER DETAIL

SCALE : N.T.S.

PLUMBING LEGEND:

- COLD POTABLE WATER LINE
- HOT POTABLE WATER LINE (INSULATED)
- SANITARY SEWER LINE
- SANITARY VENTILATION LINE
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- INDICATES SANITARY STACK DESIGNATION AND SIZE
- INDICATES WASTE STACK DESIGNATION AND SIZE
- INDICATES RAIN LEADER STACK DESIGNATION AND SIZE
- INDICATES SANITARY VENTILATION STACK DESIGNATION AND SIZE
- P-1 — INDICATES PLUMBING FIXTURE DESIGNATION SEE SCHEDULE

PLUMBING ABBREVIATIONS:

C.W.	COLD WATER
H.W.S.	HOT WATER
(TYP.)	TYPICAL
VS	VENT STACK
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GROUND CLEAN OUT
W.H.	WATER HEATER
FD	FLOOR DRAIN
V	VENTILATION
H.B.	HOSE BIBB
R.L.	RAIN LEADER
(E)	EXISTING

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274-8728 * Fax. (787) 772-9121
Email: jlmarrero@jlmpe.com

"Yo, José Luis Marrero Sicardo, licencia # 14670, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OIGPe y otras autoridades competentes, incluyendo, pero sin limitarse, a la terminación de la participación en los procedimientos de certificación profesional en la OIGPe."

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Paz lic. #3351
Tel. : (787) 277-9170 FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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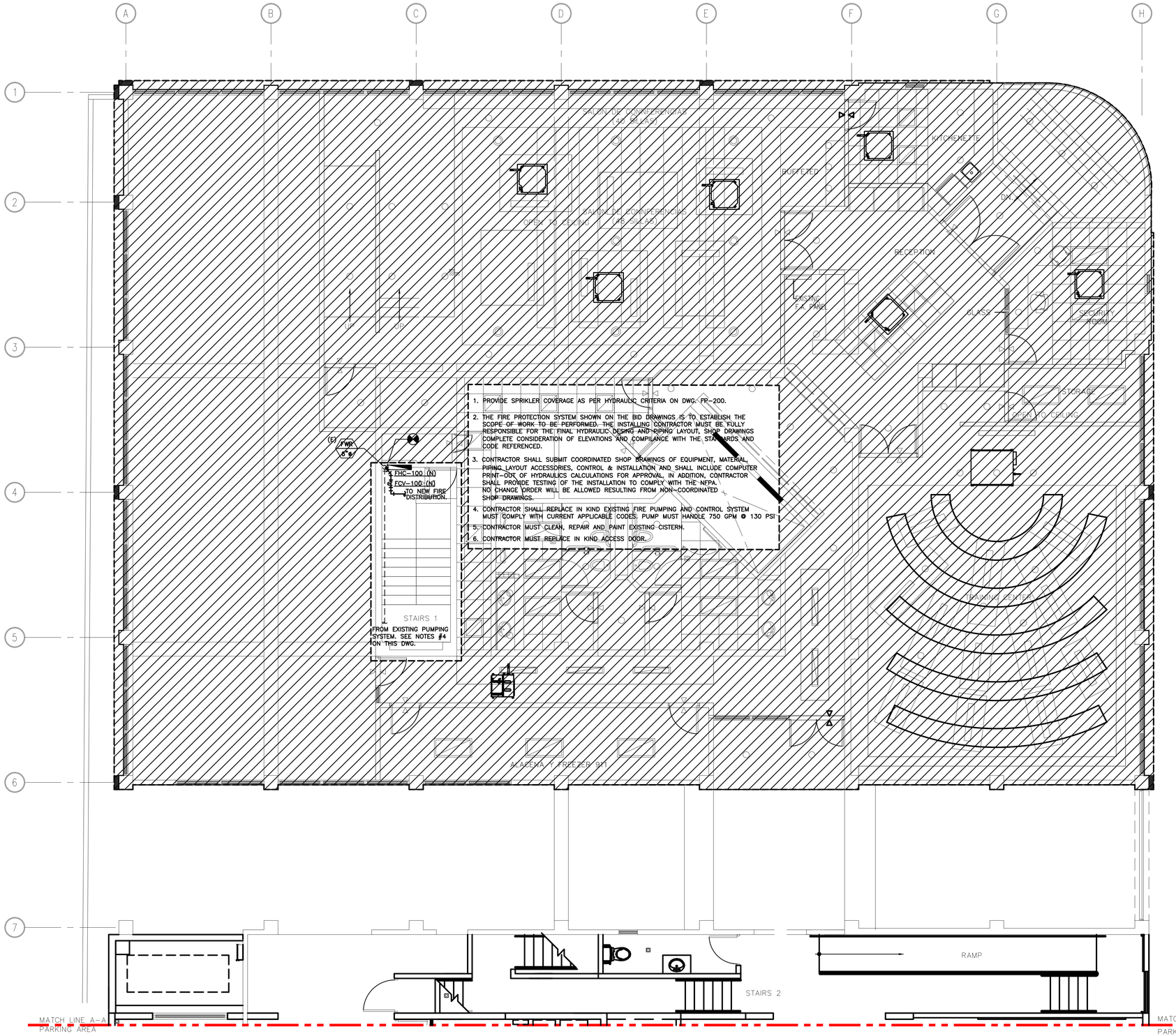
PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00928

PROJECT NO.

DRAWING NAME: PLUMBING DETAILS

DRAWING NUMBER: PL-200

OF



1. PROVIDE SPRIKLER COVERAGE AS PER HYDRAULIC CRITERIA ON DWG. FP-200.
2. THE FIRE PROTECTION SYSTEM SHOWN ON THE BID DRAWINGS IS TO ESTABLISH THE SCOPE OF WORK TO BE PERFORMED. THE INSTALLING CONTRACTOR MUST BE FULLY RESPONSIBLE FOR THE FINAL HYDRAULIC DESING AND PIPING LAYOUT, SHOP DRAWINGS COMPLETE CONSIDERATION OF ELEVATIONS AND COMPILANCE WITH THE STANDARDS AND CODE REFERENCED.
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4. CONTRACTOR SHALL REPLACE IN KIND EXISTING FIRE PUMPING AND CONTROL SYSTEM MUST COMPLY WITH CURRENT APPLICABLE CODES. PUMP MUST HANDLE 750 GPM @ 130 PSI
5. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING CISTERN.
6. CONTRACTOR MUST REPLACE IN KIND ACCESS DOOR.

FIRST LEVEL FLOOR PLAN– FIRE PROTECTION LAYOUT

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

0' 5' 10' 20' 30'

LEGEND:

- FIRE PROTECTION PIPE MAIN
- UP RIGHT TYPE SPRINKLER
- MOUNTED IN 2' x 2' TILE ABOVE GYPSUM BOARD FASCIA.
- MOUNTED ON GYPSUM BOARD FASCIA.
- WALL MOUNTED
- FWR 6"ø — FIRE PROTECTION RISER IDENTIFICATION.
- DR 4"ø — FIRE PROTECTION DRAIN RISER IDENTIFICATION.
- A — STANDPIPE
- B — STANDPIPE WITH FLOOR CONTROL & DRAIN VALVE.
- FIRE HOSE CABINET
- FIRE DEPT. SIAMESE
- FIRE EXTINGUISHER

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bertolaso Paz Ac. #1331
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME: FIRST LEVEL FLOOR PLAN– FIRE PROTECTION LAYOUT

DRAWING NUMBER: FP-100

OF

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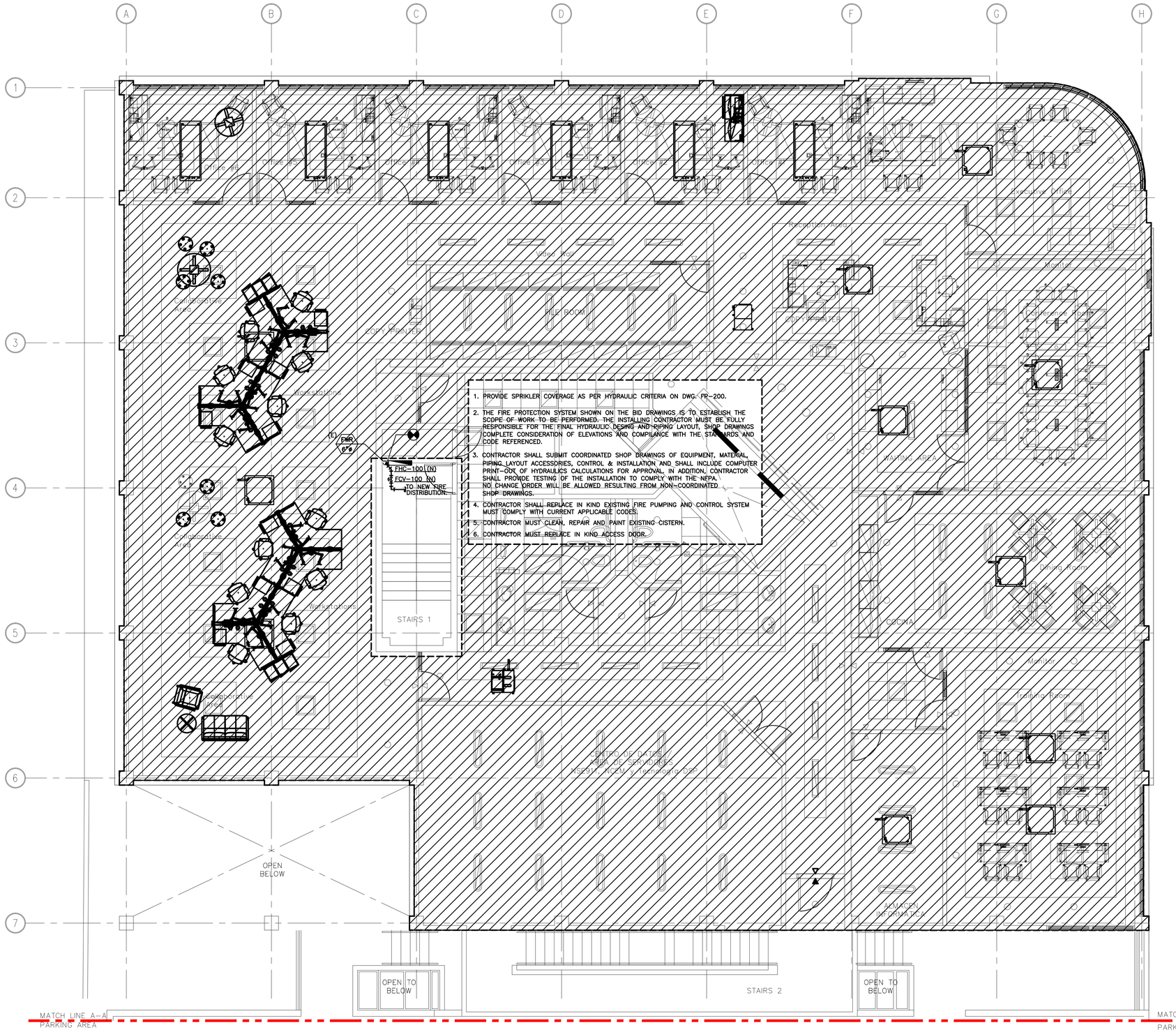
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Video Wall
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Corridor
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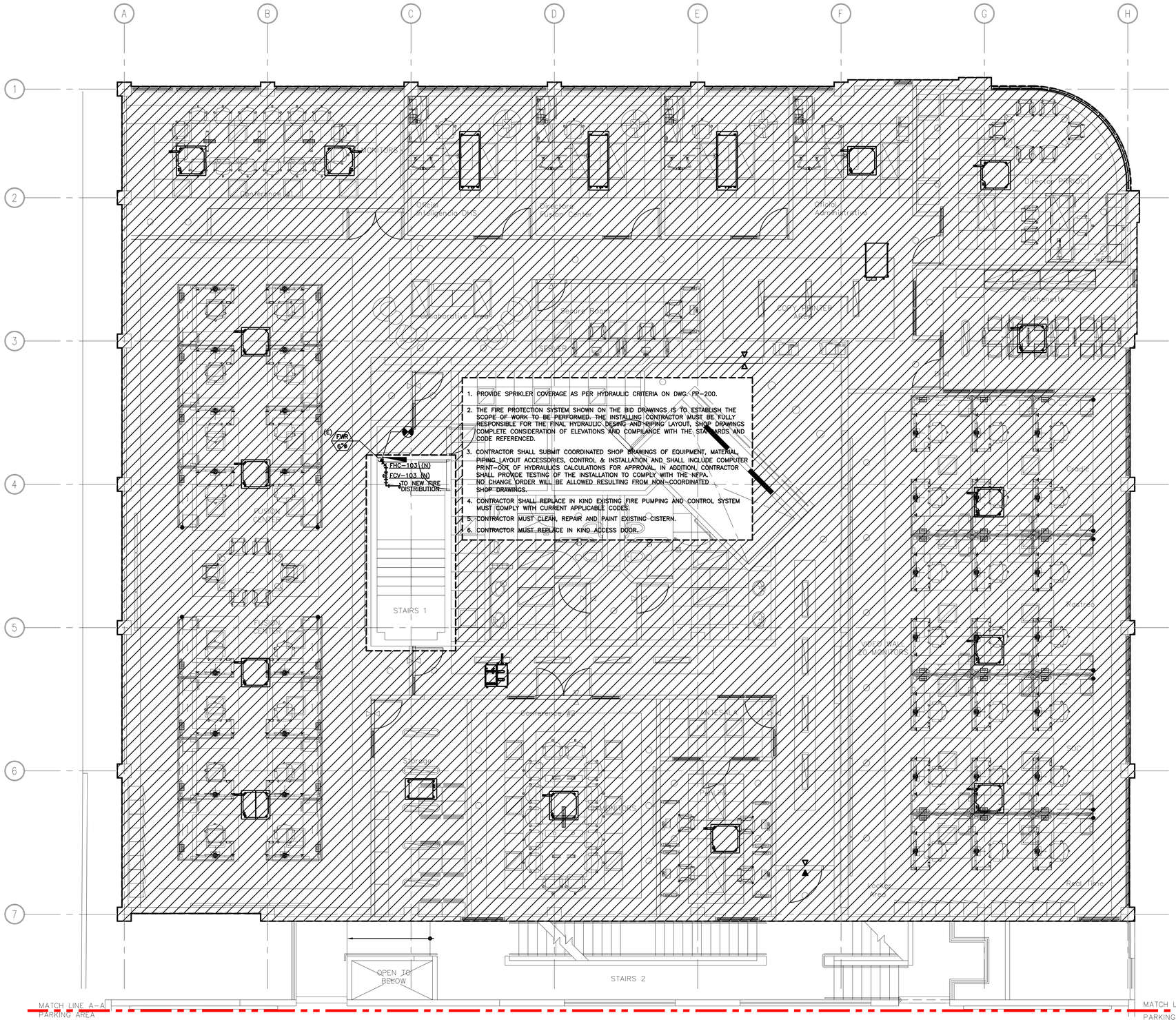

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- FIRE HOSE CABINET
- FIRE DEPT. SIAMESE
- FIRE EXTINGUISHER

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
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JLMS CONSULTING ENGINEERS, PSC
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THIRD LEVEL FLOOR PLAN– FIRE PROTECTION LAYOUT

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquín Bertolano Paz Ac. #1334
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
REVISIONS			

PROJECT NO.

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911
#1547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

DRAWING NAME: THIRD LEVEL FLOOR PLAN– FIRE PROTECTION LAYOUT

DRAWING NUMBER: FP-102

OF

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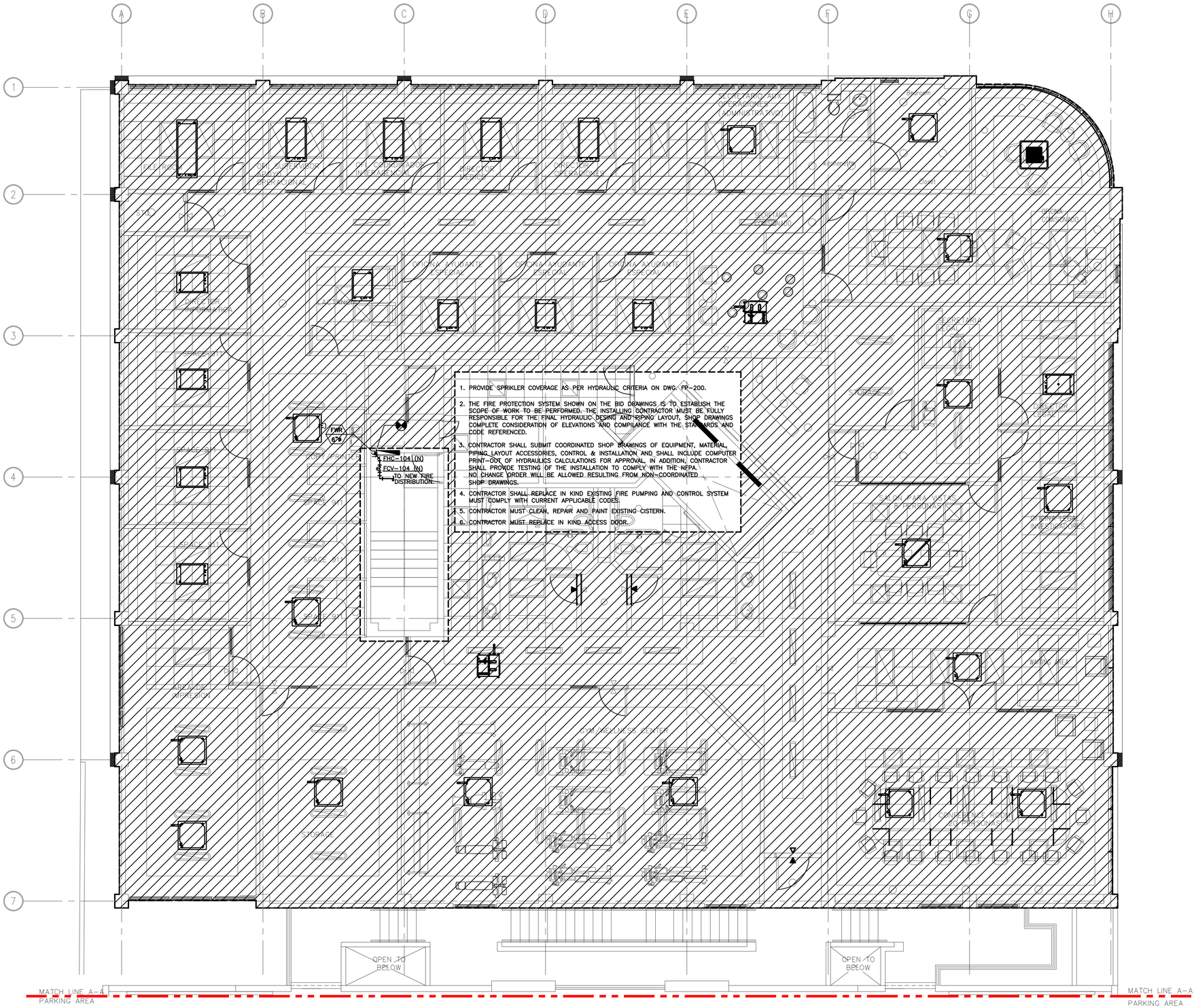
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5. CONTRACTOR MUST CLEAN, REPAIR AND PAINT EXISTING CISTERN.
6. CONTRACTOR MUST REPLACE IN KIND ACCESS DOOR.
FWR 6"ø
FHC-104 (N)
FCV-104 (N)
TO NEW FIRE DISTRIBUTION
SECRETARIA EJECUTIVA
OFICINA AYUDANTE ESPECIAL
DIRECTOR INTERVENTION
SECRETARIA ESPECIAL
DIRECTOR INTERVENTION
SPACE #10
SPACE #11
SPACE #12
SPACE #13
SPACE #14
SPACE #15
SPACE #16
SPACE #17
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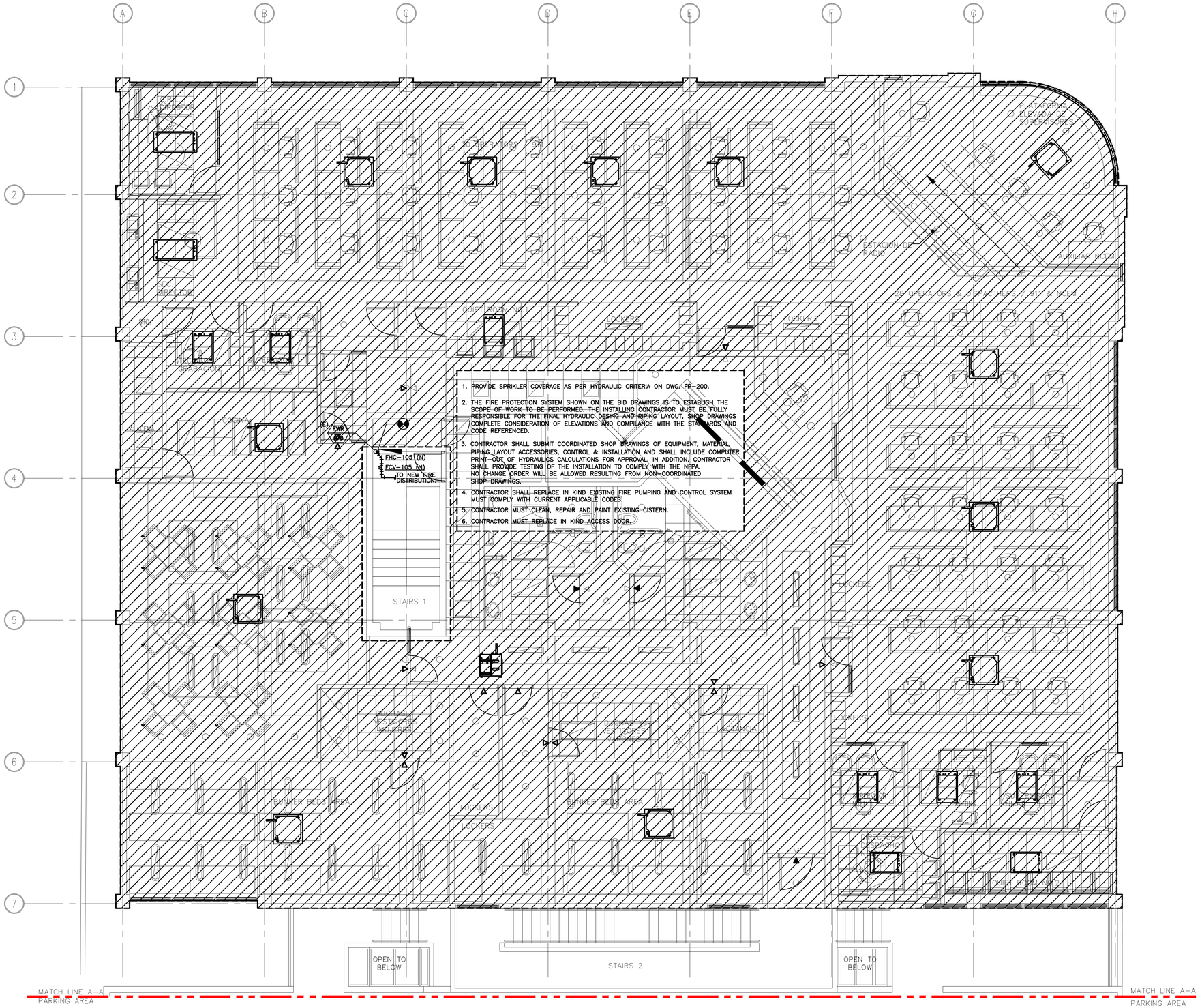
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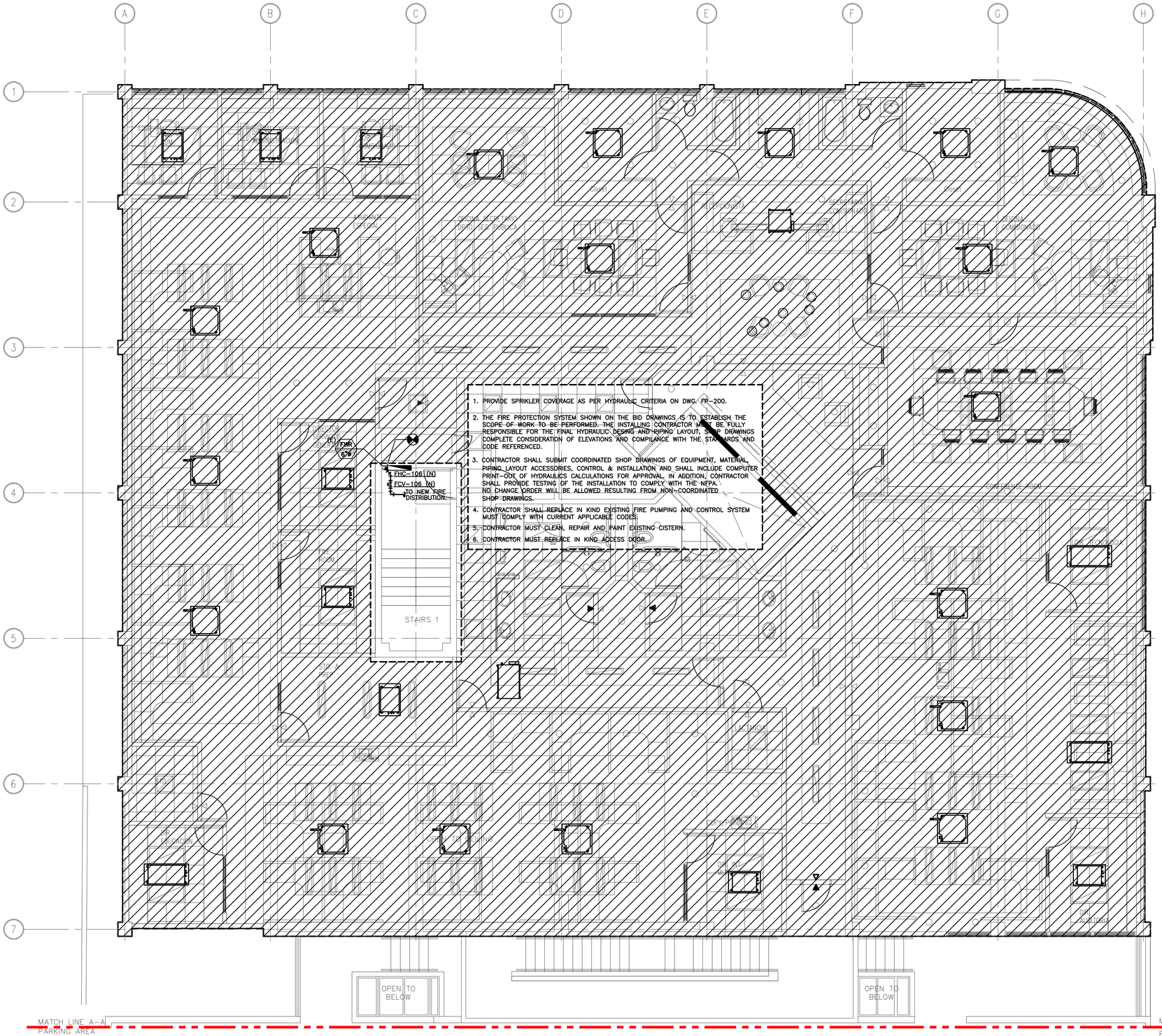
(E) FWR 6"ø
FHC-105 (N)
FCV-105 (N)
TO NEW FIRE DISTRIBUTION.
STAIRS 1
STAIRS 2
LOCKERS
LOCKERS
LOCKERS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AMBIENTE ESPECIAL
OFICINA SECRETARIO ASOC. SEG. PRIV. C.A.
ADMIN.
SECRETARIA CONFIDENCIAL
RETENCION
RETENCION
CONFERENCE ROOM
(E) FWR 6"ø
FHC-106 (N)
FCV-106 (N)
TO NEW FIRE DISTRIBUTION
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STAIRS 1
STAIRS 2
ELEVATOR
ELEVATOR
ELEVATOR

1. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NFPA STANDARDS, THE REQUIREMENTS OF FACTORY MUTUAL AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.

2. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE A FULLY TESTED OPERATIONAL SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS DESCRIBED ON CONTRACT DOCUMENTS. WORK REQUIRED BUT NOT SHOWN ON DRAWINGS TO ACHIEVE SUCH A SYSTEM SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST.

3. THE CONTRACTOR SHALL VISIT THE JOB SITE AND DETERMINE THE EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE SUBMISSION OF A BID SHALL BE CONSIDERED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND CONDITIONS VERIFIED. IF ANY DISCREPANCIES SHALL ARISE, THEY SHALL BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO THE SUBMISSION OF THE BID.

4. ALL MATERIAL AND EQUIPMENT SHALL WITHSTAND A WORKING PRESSURE OF NOT LESS THAN 175 PSI.

5. HANGERS SPACING TO BE AS PER N.F.P.A. 13.

6. SPRINKLER PIPING TO BE PAINTED WITH ONE COAT OF INDUSTRIAL PRIMER AND ONE COAT OF FINISH ENAMEL AS PER CODES. TAGS, PLACARDS TO BE FURNISHED AND INSTALLED AS PER CODES REQUIREMENTS.

7. ALL EQUIPMENT AND MATERIAL TO BE UL LISTED AND FACTORY MUTUAL APPROVED.

8. SYSTEM TO BE HYDROSTATICALLY TESTED AT 200 PSI FOR A PERIOD OF TWO HOURS. TEST PRESSURE SHALL NOT VARY MORE THAN 5 PSI.

9. PROVIDE PROTECTION OF PIPING AGAINST DAMAGE FROM EARTHQUAKE AS DESCRIBED AND SPECIFIED BY FACTORY MUTUAL AND NFPA STANDARDS.

10. CONTRACTOR SHALL COMPLY WITH LANDLORD'S FIRE PROTECTION STANDARDS.

11. PIPING:

A. ALL INTERIOR PIPING SHALL BE BLACK STEEL PIPE AST–A53 SCH. 10 FOR SIZE 2½" OR SMALLER AND ASTM–A53 SCH 40 FOR ALL SIZES FROM 8". NO PIPING LESS THAN PREVIOUS PIPE SCHEDULE SHALL BE ALLOWED AND NO THREADING SHALL BE DONE ON PIPES OTHER THAN THOSE.

B. FITTINGS SHOULD BE 175 LB. CLASS (MINIMUM).

12. SPRINKLER HEAD

A. ALL SPRINKLER SHALL BE 1/2" ORIFICE 1"N.P.T. 165 F RATING BRONZE UPRIGHT FOR EXPOSED PIPING AREAS AND CHROME PENDANT IN AREAS WITH CEILING. SPRINKLERS LOCATED AT STORE FRONT AREA SHALL BE CONCEALED TYPE.

B. PROVIDE GUARDS WHERE REQUIRED

C. PROVIDE SPARE HEADS EQUAL 1% OF THE TOTAL NUMBER OF HEADS INSTALLED UNDER THIS CONTRACT.

13. CONTRACTOR SHALL COORDINATE THE SYSTEM SHUTDOWN WITH THE FIRE DEPARTMENT AND PROVIDE OTHERS TEMPORALY SAFETY SYSTEMS TO AVOID ANY FIRE SITUATION ON THE PROJECT.

14. CONTRACTOR SHALL PROVIDE A FLOW SWITCH CONNECTED TO THE BUILDING FIRE ALARM SYSTEM.

15. TRUST–BLOCKS SHALL BE PROVIDED AT FIRE MAINS.

17. THE CONTRACTOR SHALL COORDINATE THE SPRINKLER HEAD LAYOUT WITH FINAL ARCHITECTURAL CEILING LAYOUT.

18. ALL FIRE PROTECTION WORK SHALL BE PERFORMED BY SECURITY PRODUCTS AS PER LANDLORD REQUIEREMENTS.

Drawing Number: K.01

FIRE PROTECTION NOTES

N.T.S.

ONLY WHEN PRINTED AT 24x36

1. CONTRACTOR SHALL REMOVE EXISTING SPRINKLER DISTRIBUTION AT ENTIRE AREA INCLUDING PIPING, SPRINKLER HEADS AND HANGING SYSTEM. CONNECT NEW SPRINKLER DISTRIBUTION TO EXISTING FIRE MAIN AS SHOWN ON DRAWING FP–1.

2. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CORROBORATE THE PLANS DIMENSIONS WITH EXISTING FIELD DIMENSIONS. CONDITION SHALL BE SUBMITTED TO THE OWNER REPRESENTATIVE PRIOR DATE OF BID.

3. ALL EQUIPMENT AND MATERIALS REMOVED SHALL REMAIN THE SOLE PROPERTY OF THE OWNER.

4. ALL SURPLUS MATERIAL AND DEBRIS SHALL BE DISPOSED ON A GOVERNMENT APPROVED DUMP SITE

5. CONDITIONS FOR CONSTRUCTION BUILDING REMODELATION AS SPECIFIED IN A.I.A. STANDARD GENERAL CONDITIONS OF CONTRACT SHALL BE FULLY REQUIRED.

6. CONTRACTOR SHALL PERFORM DEMOLITION IN STRICT ACCORDANCE WITH SPECIFICATION

7. CONDITIONS SHOWN NOT NECESSARY REPRESENT THE ACTUAL CONDITION – CONTRACTOR SHALL VERIFY EXISTING CONDITION PRIOR TO PROCEED WITH DEMOLITION.

Drawing Number: S.07

DEMOLITION NOTES

N.T.S.

ONLY WHEN PRINTED AT 24x36

FIRE PROTECTION HYDRAULIC CRITERIA

AREA	OCCUPANCY CLASSIFICATION	SERVED BY	DESIGN AREA (SQ.FT)	DENSITY (GPM/SQ.FT)	MAX AREA PER SPRINKLER (SQ.FT)	TEMPERATURE RATING	MAX. AREA COVERAGE:	STANDPIPE
ENTIRE STORE	ORDINARY HAZARD II	EXISTING MAIN	1,500	0.20	130	165° F	3,000	CLASS III

PRELIMINARY HYDRAULIC CALCULATIONS

STORE AREA (SQ.FT)	DENSITY (GPM/SQ.FT)	HYDRAULIC SAFETY FACTOR (%)	REQUIRED FLOW (GPM)	RESIDUAL PRESSURE (PSI)	DINAMIC HEAD LOSS (PSI)	REQUIRED PRESSURE (PSI)
5,456	0.2	15	0.20x4,820x1.15=1108.6	20.0	3.0	23.0

NOTES:

1. EACH FLOOR SHALL BE FULLY SPRINKLERED.
2. PROVIDE SPRINKLER DENSITIES AS PER CRITERIA SCHEDULE ON THIS SHEET.
3. PROVIDE PROTECTION AT BOTTOM & TOP OF ALL ELEVATOR SHAFTS (IF APPLIES).
4. CALCULATION SHALL INCLUDE A 250 GPM HOSE STREAM ALLOWANCE

IN PROGRESS

Drawing Number: R.13

SCHEDULES

N.T.S.

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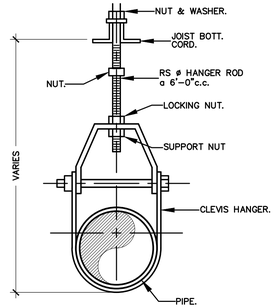


NOTES:

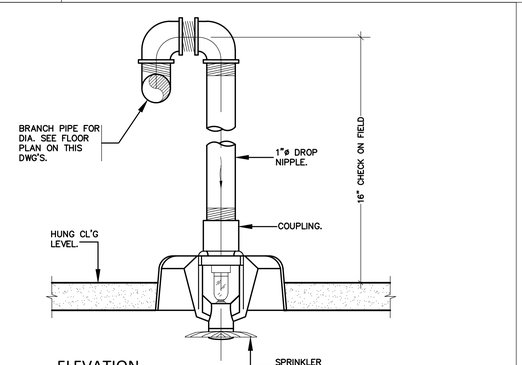
1. SPACING OF HANGER SHALL BE AS PER NFPA 13
2. PROVIDE SEISMIC BRACING AS PER UBC–1997
3. HANGERS SHALL COMPLY WITH NFPA–13

Drawing Number: K.07

PIPE HANGER DETAIL

N.T.S.

ONLY WHEN PRINTED AT 24x36



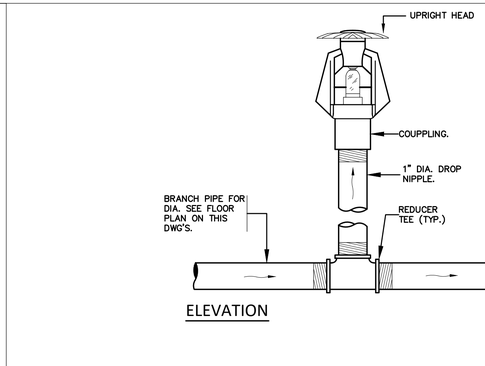
ELEVATION

Drawing Number: K.13

TYPICAL SPRINKLER INSTALLATION DETAIL

N.T.S.

ONLY WHEN PRINTED AT 24x36



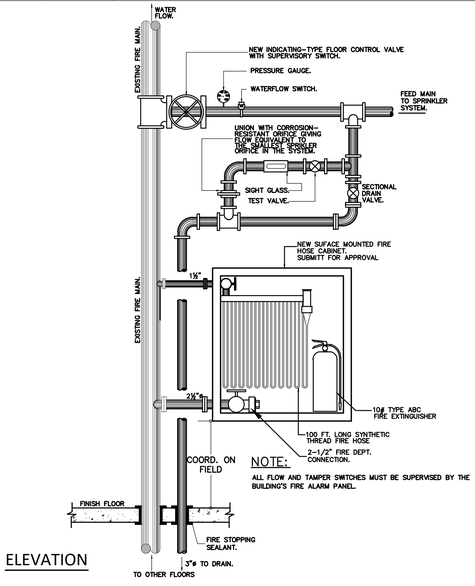
ELEVATION

Drawing Number: K.21

TYPICAL UPRIGHT SPRINKLER INSTALLATION DETAIL

N.T.S.

ONLY WHEN PRINTED AT 24x36



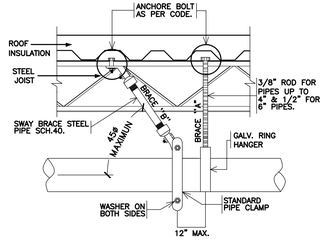
ELEVATION

Drawing Number: D.07

FHC INSTALLATION DETAIL (CLASS–III)

N.T.S.

ONLY WHEN PRINTED AT 24x36



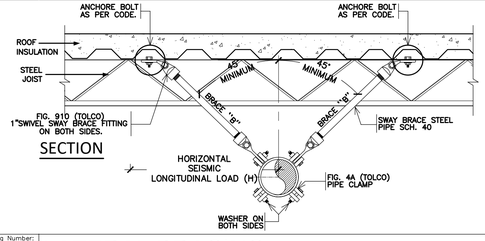
SECTION

Drawing Number: D.07

LONGITUNIDAL BRACES

N.T.S.

ONLY WHEN PRINTED AT 24x36



SECTION

Drawing Number: D.13

LATERAL BRACING

N.T.S.

ONLY WHEN PRINTED AT 24x36

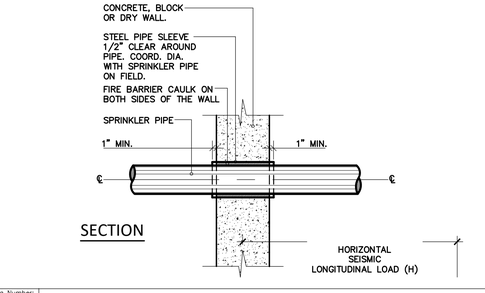
SECTION

Drawing Number: D.21

LATERAL EARTHQUAKE BRACING DETAIL

N.T.S.

ONLY WHEN PRINTED AT 24x36



SECTION

Drawing Number: D.01

SPRINKLER PIPE THROUGH WALL

N.T.S.

ONLY WHEN PRINTED AT 24x36

JOSE L. MARRERO SICARDO
INGENIERO LICENCIADO
LIC. #14670
PUERTO RICO

JLMS CONSULTING ENGINEERS, PSC
501 Alfredo Carbonell Street Roosevelt, Hato Rey, PR 00918
Tel. (787) 274–8728 * Fax. (787) 772–9121
Email: j.marrero@jlmpe.com

"Yo, José Luis Marrero Sicardo, licencia # 14670, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido sin conocimiento o por negligencia ya sea por mi, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OIGPe y otras autoridades competentes, incluyendo, pero sin limitarse, a la terminación de la participación en los procedimientos de certificación profesional en la OIGPe."

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920–5583
E mail: bersa.arquitectura@gmail.com
Joseph Bertasso Pres. Tel. #1326
Tel. : (787) 277–9170
FAX: (787) 277–9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

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PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA NUEVO EDIFICIO 911

#547 Ave. Ponce de León, Río Piedras, Puerto Rico, 00926

PROJECT NO.

DRAWING NAME: FIRE PROTECTION DETAILS

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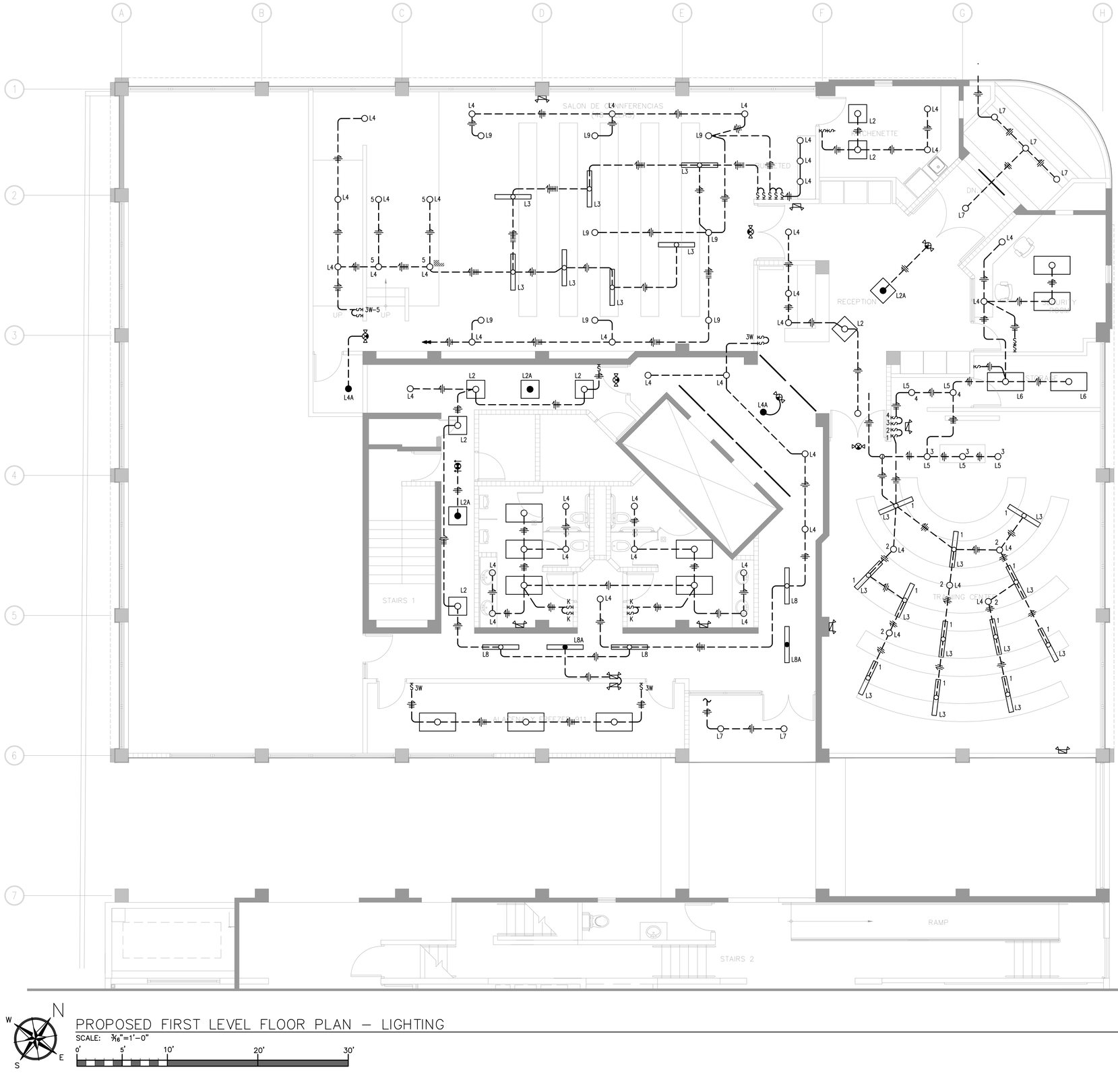
DRAWING NUMBER: FP–200

OF



NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

N
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S

PROPOSED FIRST LEVEL FLOOR PLAN – LIGHTING

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 19206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 11916
San Juan, PR 00910-2716
C: 939-218-9811
E: rafael.pagan@napspsc.com
W: www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersasso Paz lic. #12301
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

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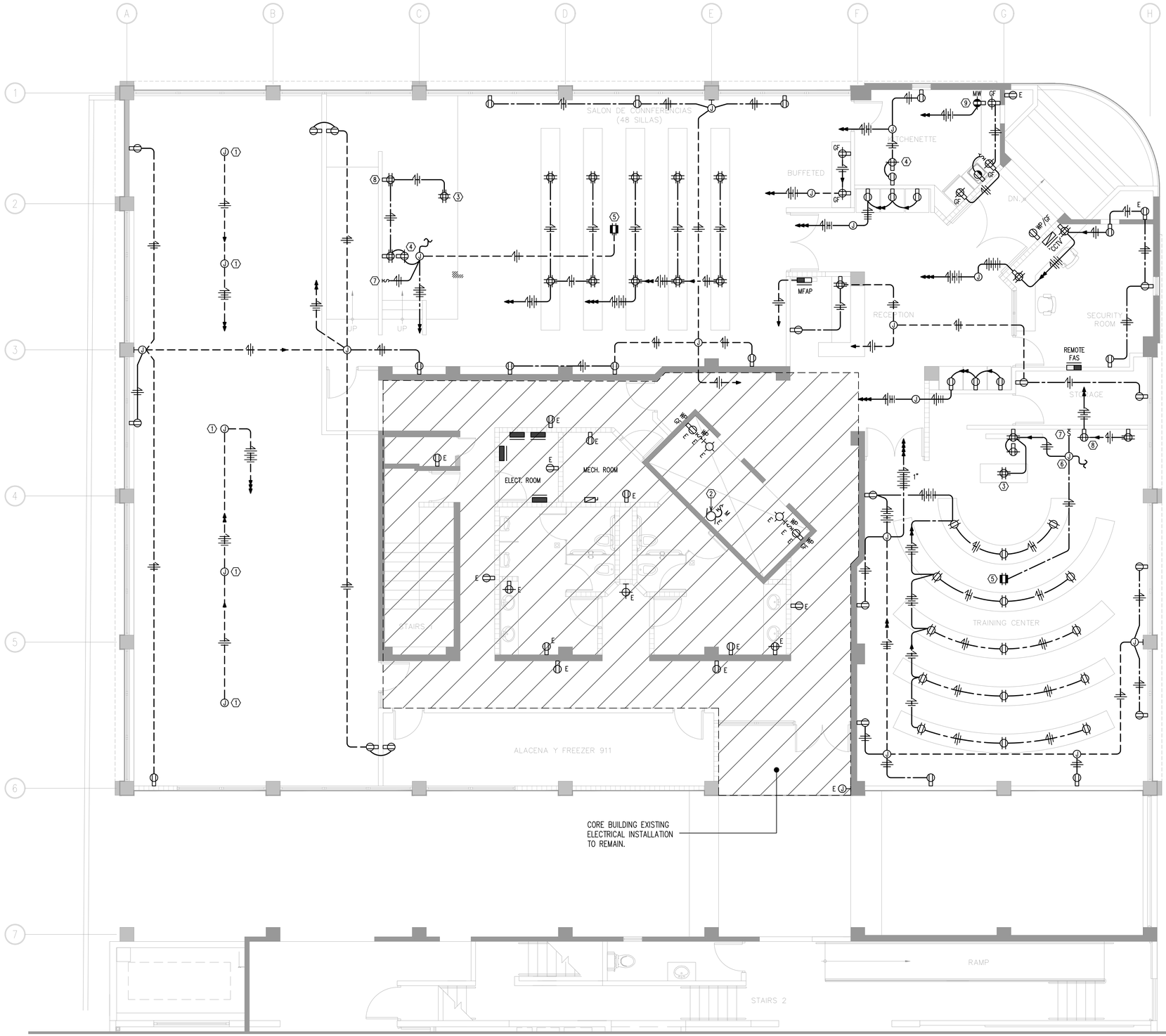
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL FLOOR PLAN
LIGHTING

DRAWING NUMBER
E-101

- OF -



KEYED NOTES:

1. FOR FUTURE DEVELOPMENT ON HUNG CEILING.
2. EXISTING ELEV. PIT SUMP PUMP.
3. ON FLOOR FOR PODIUM.
4. @ ±84" A.F.F FOR FLAT TV.
5. ON HUNG CEILING FOR PROJECTION SYSTEM.
6. ABOVE HUNG CEILING FOR PROJECTION SCREEN POWER.
7. UP/DOWN SWITCH FOR SCREEN.
8. FOR SOUND SYSTEM EQUIPMENT.
9. FOR MICROWAVE @ REQUIRED HEIGHT.

PROPOSED FIRST LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C. 939-218-6811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquín Berdasco Paz lic. #12301
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-102
- OF -

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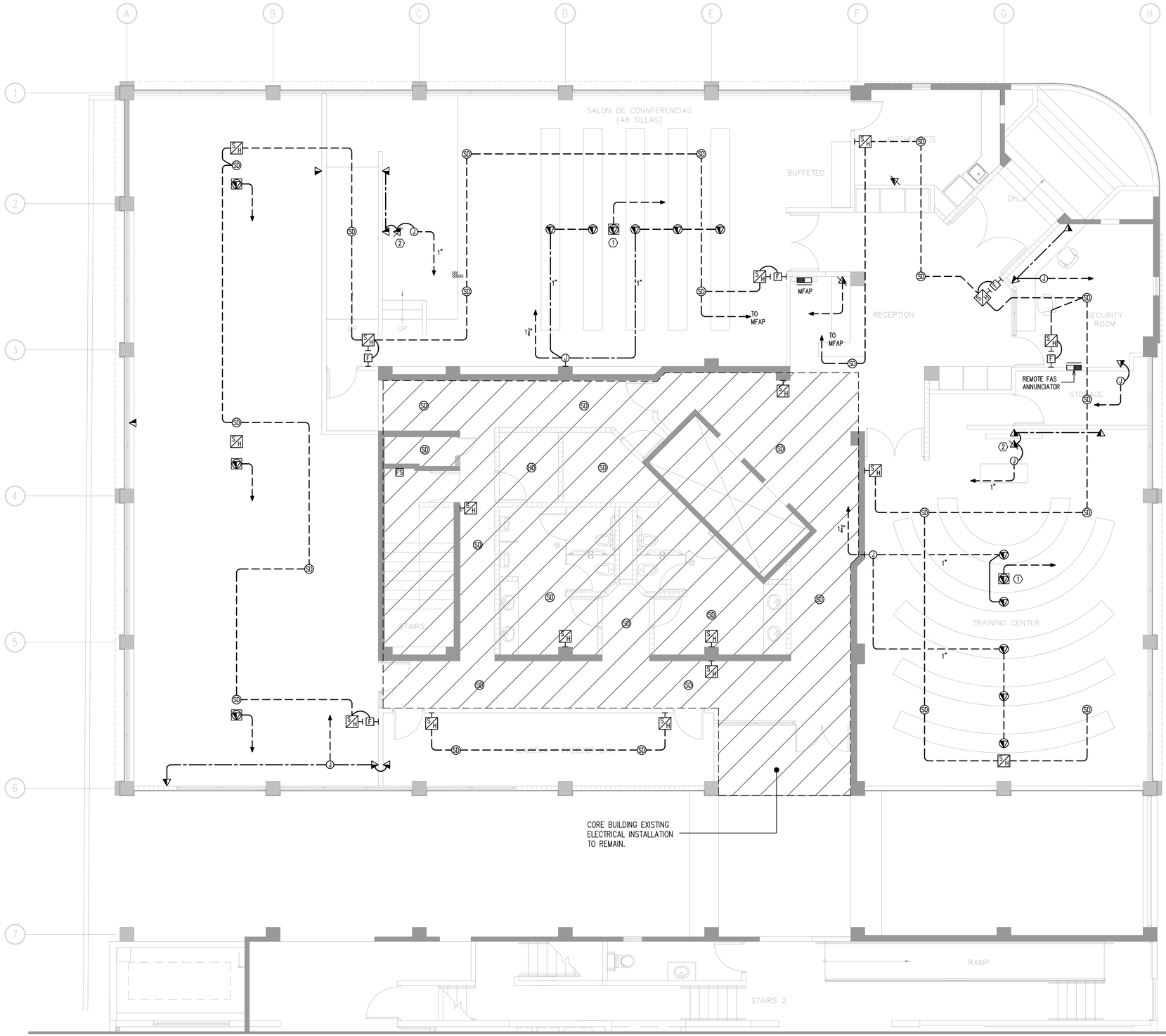

KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. CABLE TRAY TRANSITION UP TO 2ND FLOOR MAIN DATA/COMPUTER ROOM.
3. SEE TELECOMM. RISER ON DWG. ET-2 FOR DETAILS.
4. CABLE TRAY SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL 2"h x 10"w, SUPPORTED TO STRUCTURE EVERY 5FT. AND/OR WITH ACCORDANCE WITH SEISMIC LATEST CODES.
5. TO TELECOMM. ROOM 1" PVC SCH.40 @ 24" BELOW FIN. GRADE.
6. PROVIDE TRANSITION J.BOX.
7. TO 'FAS' FOR SHUT-OFF EQUIP. SIGNAL.

N W E S

PROPOSED FIRST LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersasso Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
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DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-103

- OF -

CERTIFICATION RULE

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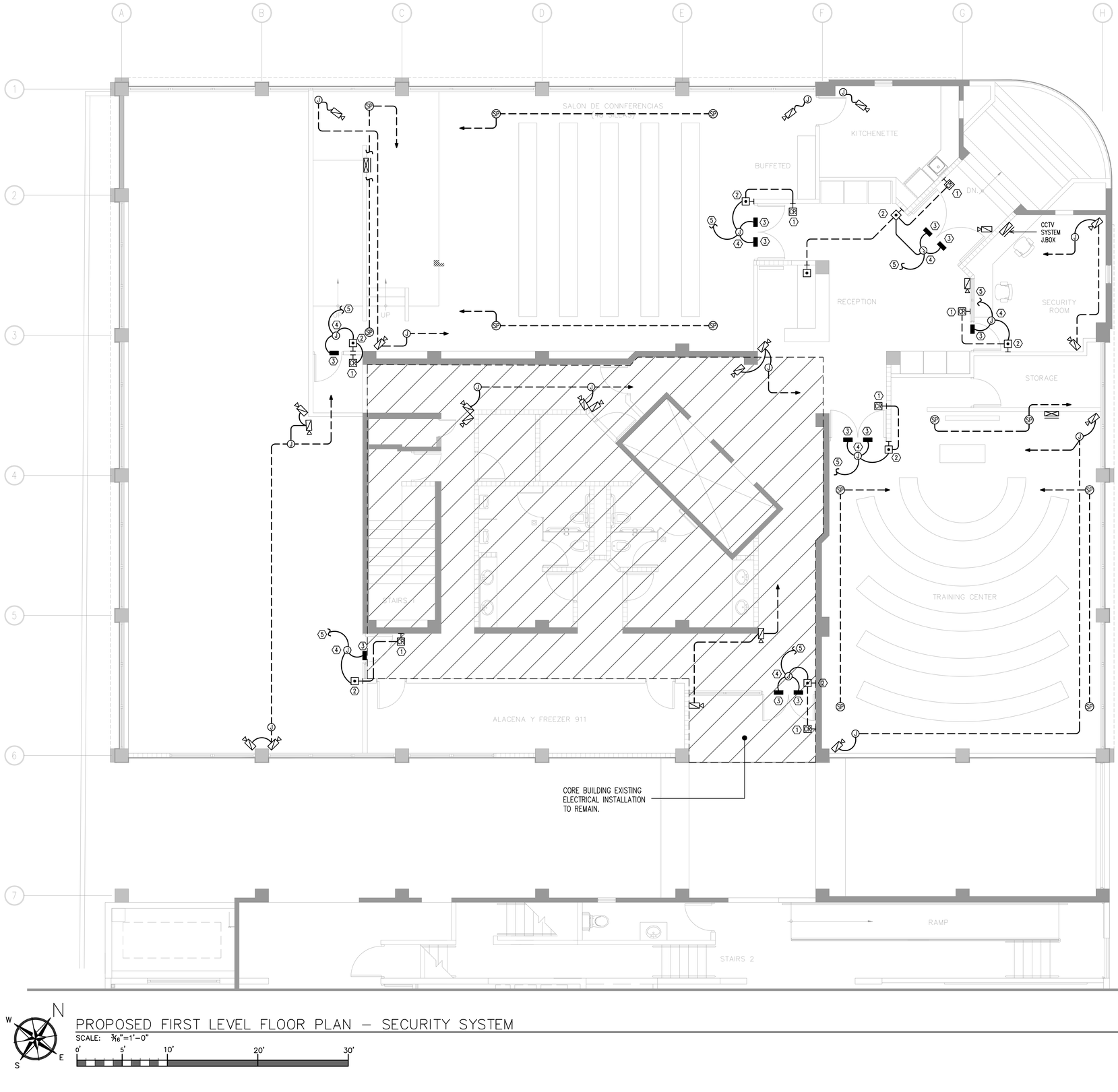
NAPS, ENGINEERS P.S.C.
PO Box 11816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.napspsc@napspsc.com
W. www.facebook.com/napspsc



KEYED NOTES:

① CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.

② DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.

③ MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.

④ FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.

⑤ CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.

PROPOSED FIRST LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 11816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@mapspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersasso Paz lic. #12301
FAX: (787) 277-9045

NUM	REVISIONS DESCRIPTION	BY	DATE

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DEPARTAMENTO DE SEGURIDAD PUBLICA
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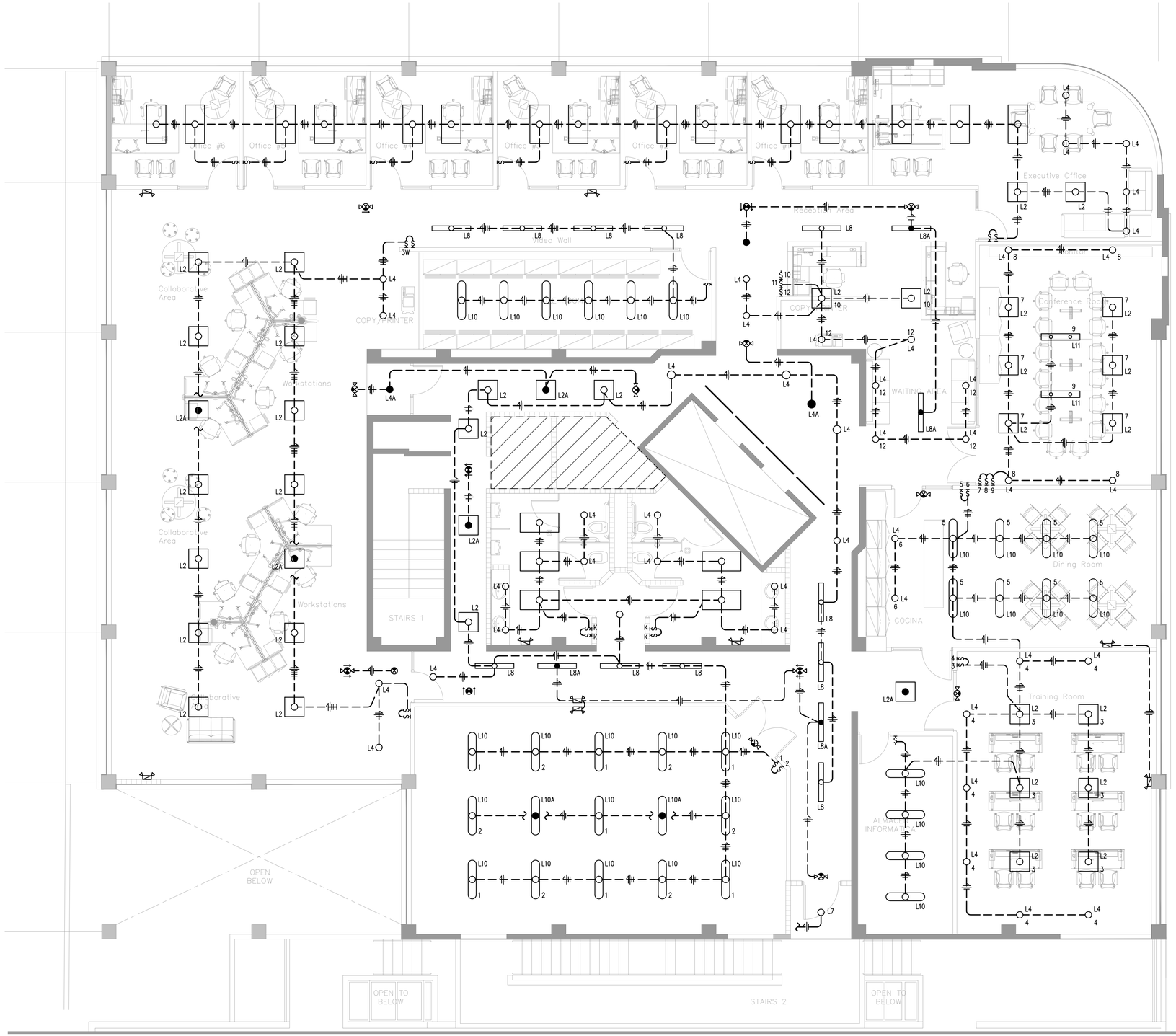
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIRST LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-104

- OF -



NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

N
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PROPOSED SECOND LEVEL FLOOR PLAN – LIGHTING

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #2301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL FLOOR PLAN
LIGHTING

DRAWING NUMBER
E-201

- OF -

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CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C: 939-218-9811
E: rafael.angpsc@napsepsc.com
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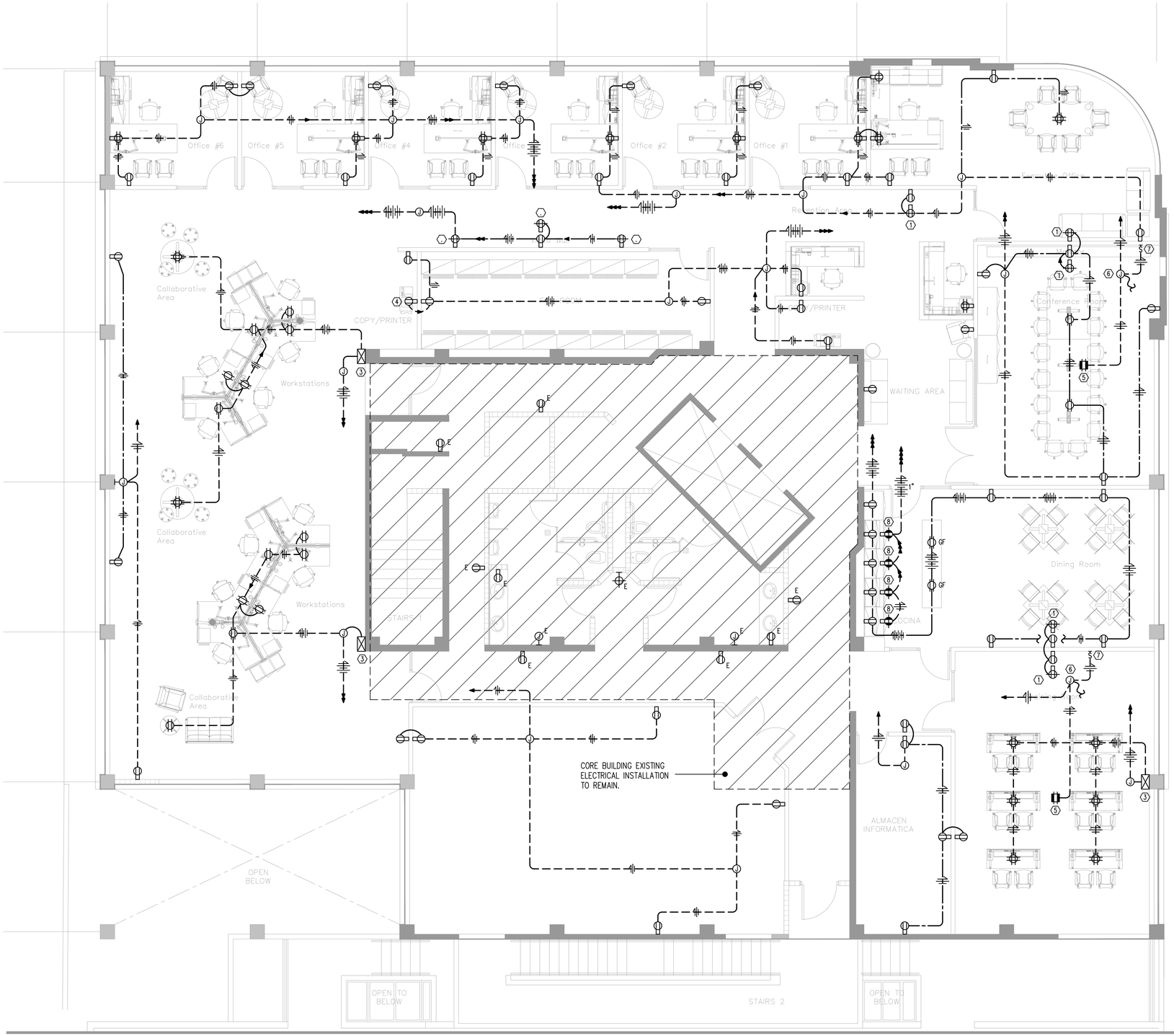

KEYED NOTES:

1. @±84" A.F.F FOR FLAT TV.
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRSANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. COPIER
5. ON HUNG CEILING FOR PROJECTION SYSTEM.
6. ABOVE HUNG CEILING FOR PROJECTION SCREEN POWER.
7. UP/DOWN SWITCH FOR SCREEN.
8. FOR MICROWAVE AT REQUIRED HEIGHT.

N W E S

PROPOSED SECOND LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301

REVISIONS

NUM	DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-202

- OF -

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CERTIFICATION RULE

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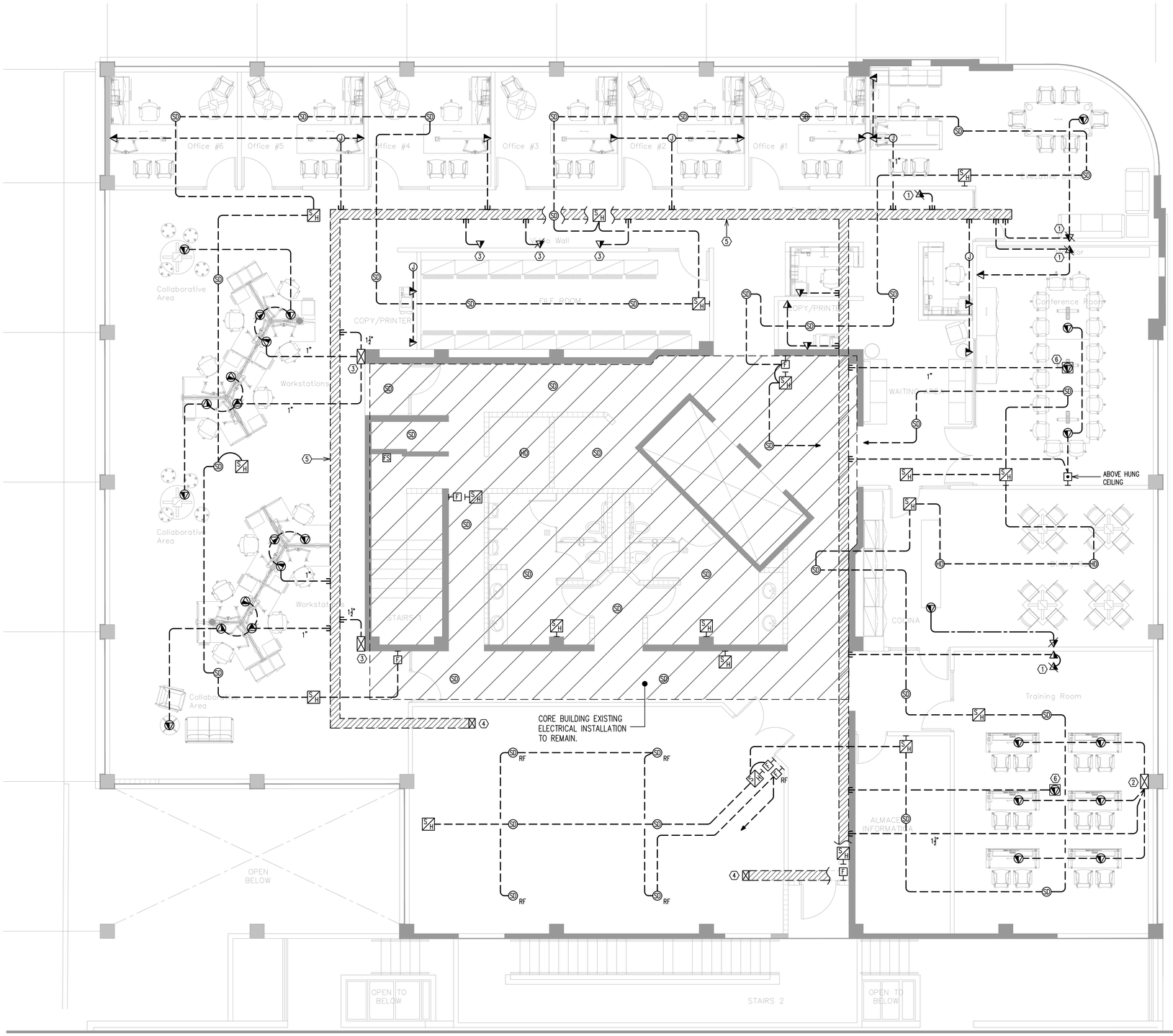
NAPS, ENGINEERS P.S.C.
PO Box 13816
San Juan, PR 00910-2716
C: 939-218-9811
E: rafael.pagan@napspsc.com
W: www.facebook.com/napspsc



KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. CABLE TRAY TRANSITION UP TO DPC ROOM.
5. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.
6. ON HUNG CEILING FOR PROJECTION SYSTEM SIGNAL.

N W E S

PROPOSED SECOND LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10208, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C: 939-218-9811
E: rafael.pagan@napspsc.com
W: www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE

REVISIONS

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-203

- OF -

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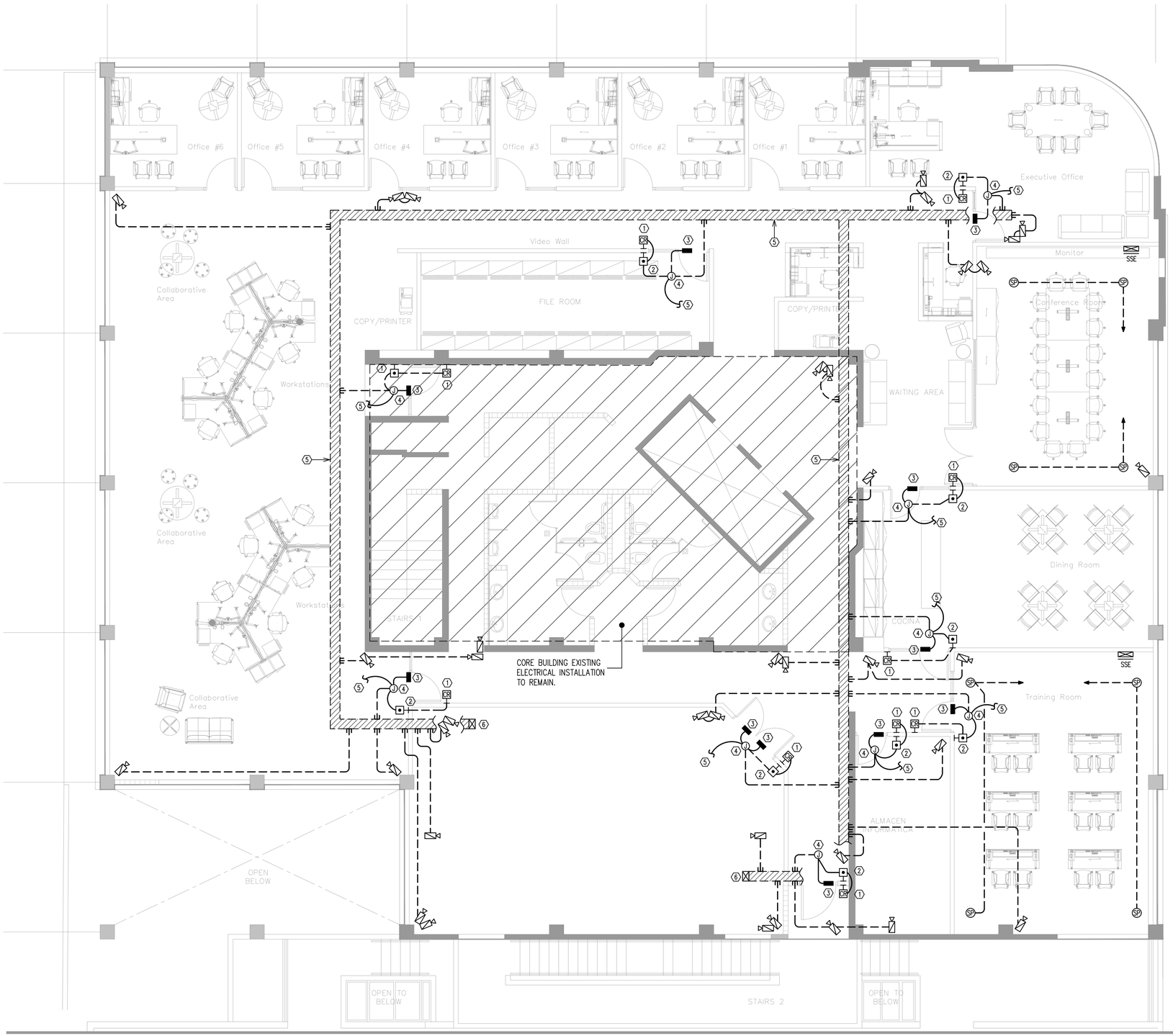

KEYED NOTES:

1. CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.
2. DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.
3. MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.
4. FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.
5. CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.
6. CABLE TRAY TRANSITION UP TO DPC ROOM.
7. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.

PROPOSED SECOND LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 18616
San Juan, PR 00910-2716
C. 939-218-6811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquín Berdasco Paz lic. #12301
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SECOND LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-204
- OF -

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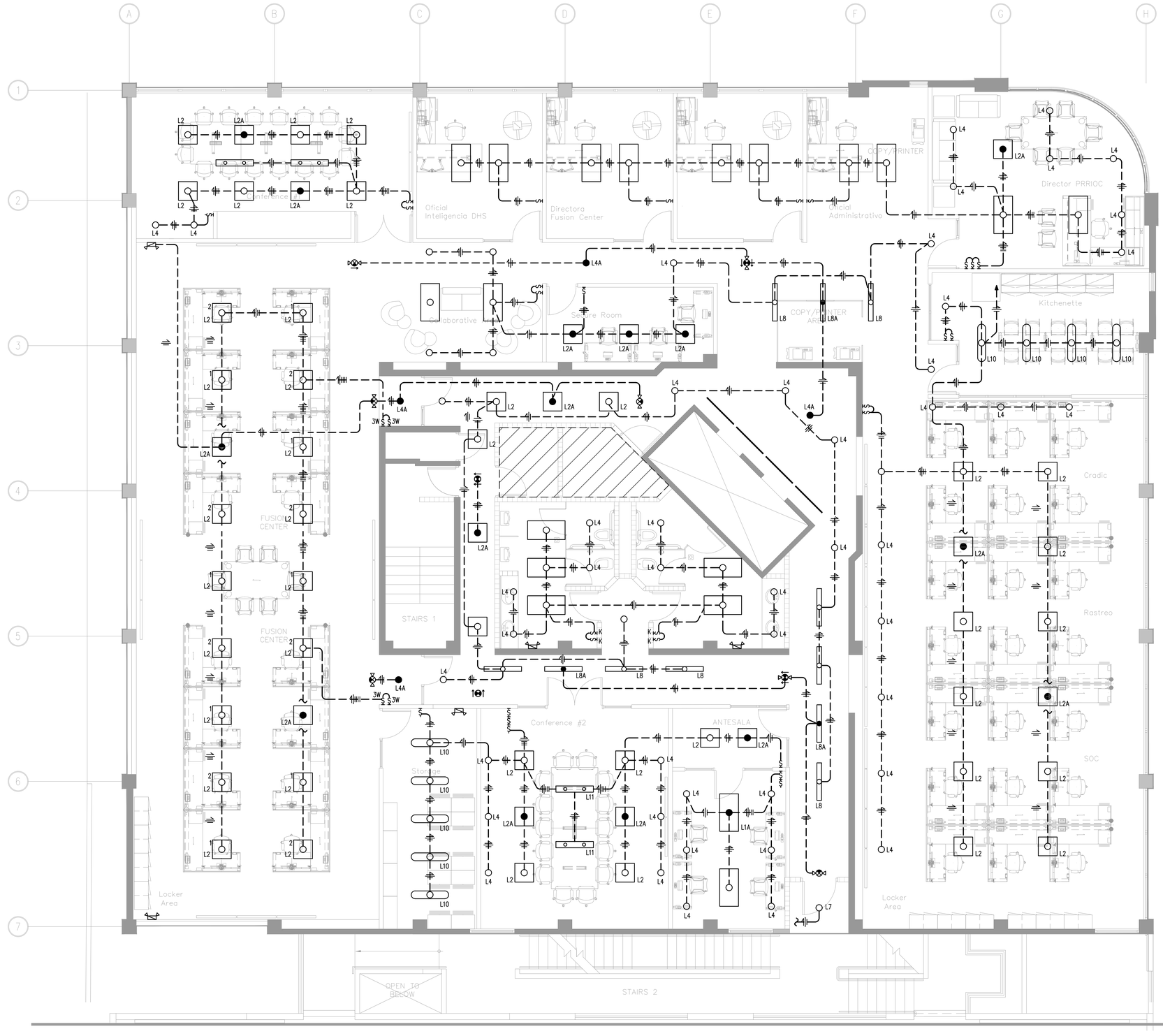

NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

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PROPOSED THIRD LEVEL FLOOR PLAN – LIGHTING

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.apagan@mepspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

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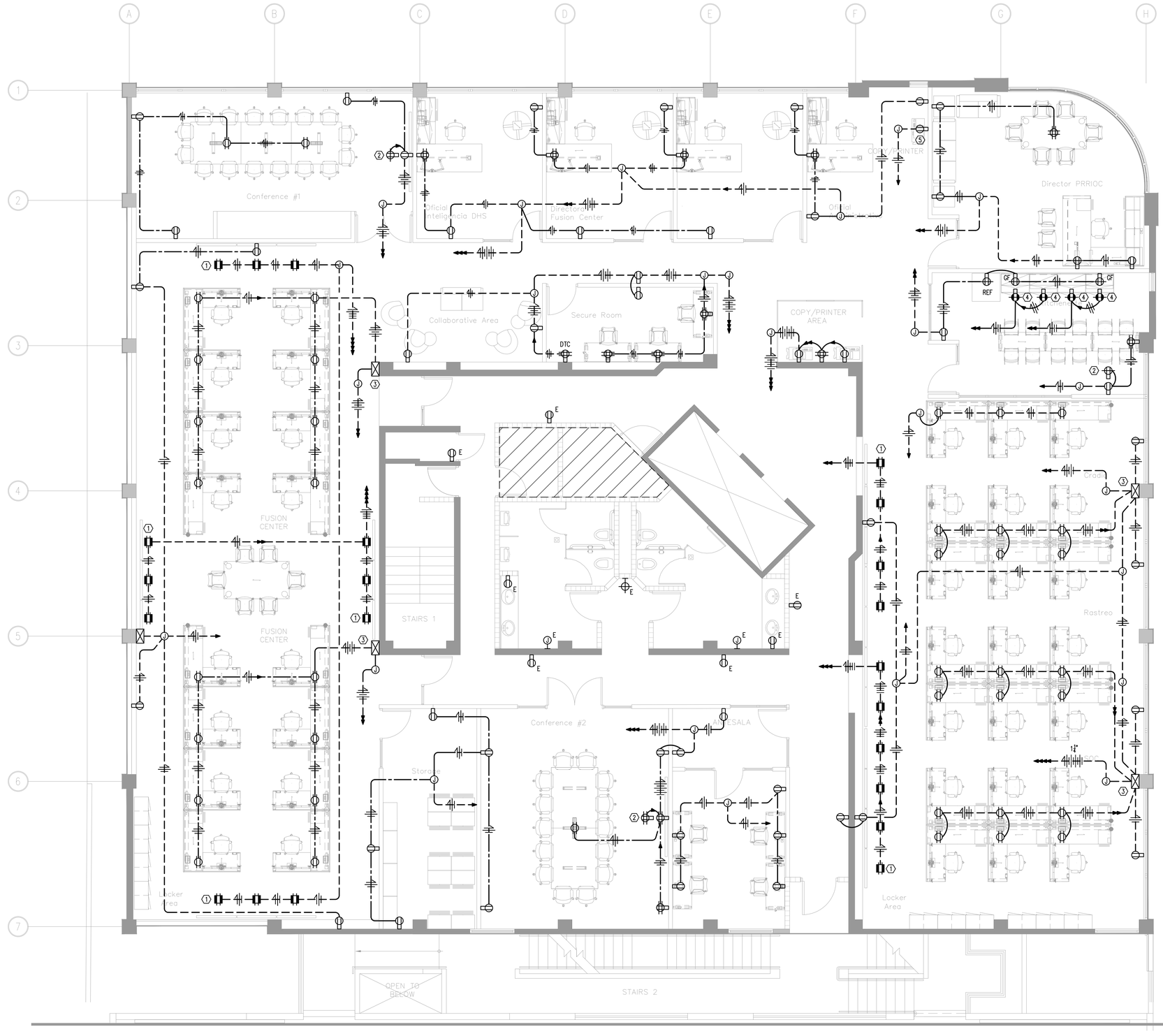
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FLOOR PLAN
LIGHTING

DRAWING NUMBER
E-301

- OF -



KEYED NOTES:

1. FOR TV MONITOR'S ON HUNG CEILING. TWO MONITORS MAX, 20A-120V CKT.
2. @±84" A.F.F FOR FLAT TV.
3. CONDUIT TRSANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. FOR MICROWAVE AT REQUIRED HEIGHT.
5. COPIER.

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PROPOSED THIRD LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.apagan@napspsc.com
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BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
FAX: (787) 277-9045

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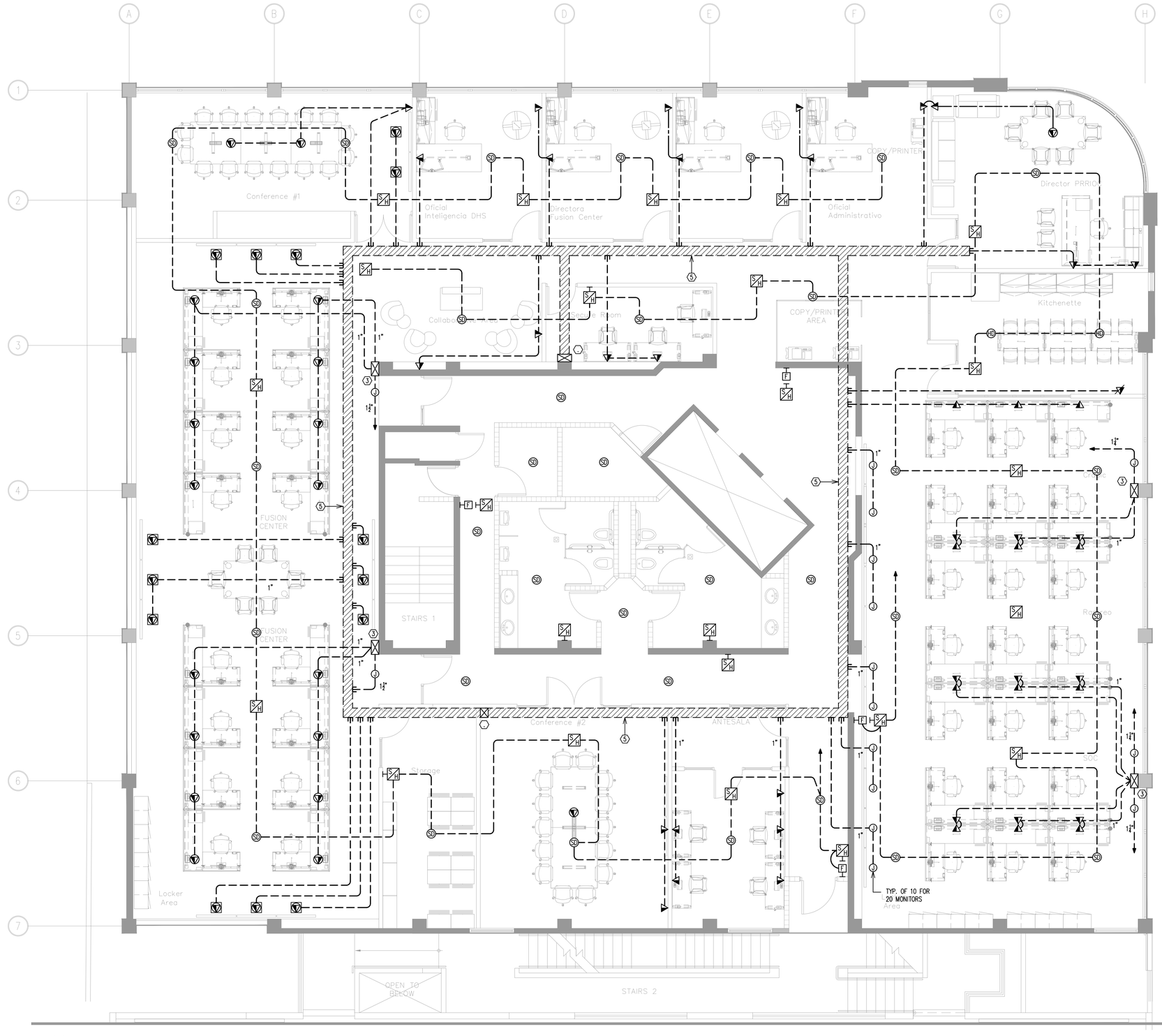
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-302

- OF -



KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. CABLE TRAY TRANSITION UP TO DPC ROOM.
5. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.
6. ON HUNG CEILING FOR PROJECTION SYSTEM SIGNAL.

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PROPOSED THIRD LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1976, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 11616
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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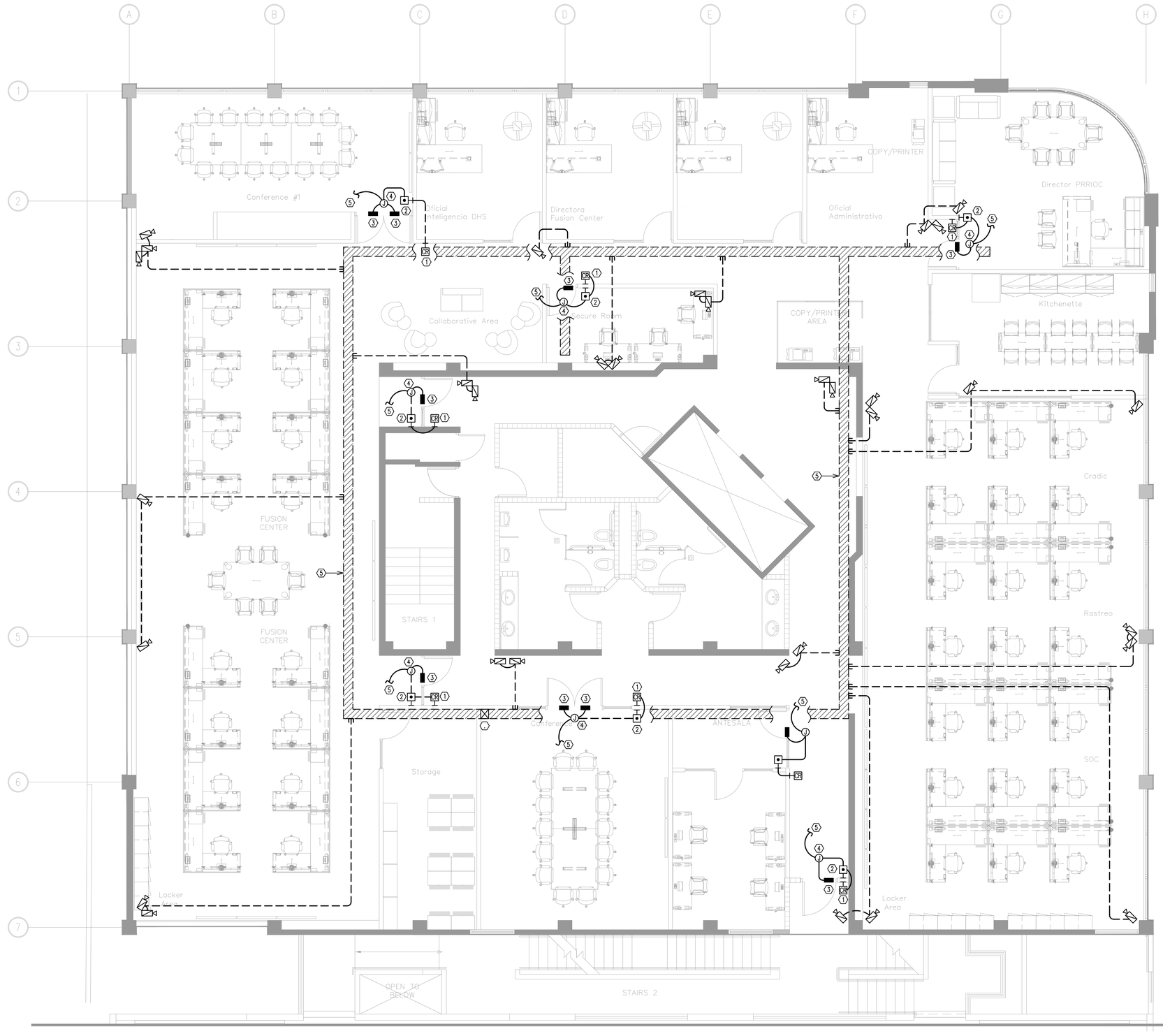
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-303

- OF -

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.



KEYED NOTES:

1. CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.
2. DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.
3. MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.
4. FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.
5. CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.
6. CABLE TRAY TRANSITION UP TO DPC ROOM.
7. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.

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PROPOSED THIRD LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #2301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	REVISIONS DESCRIPTION	BY	DATE

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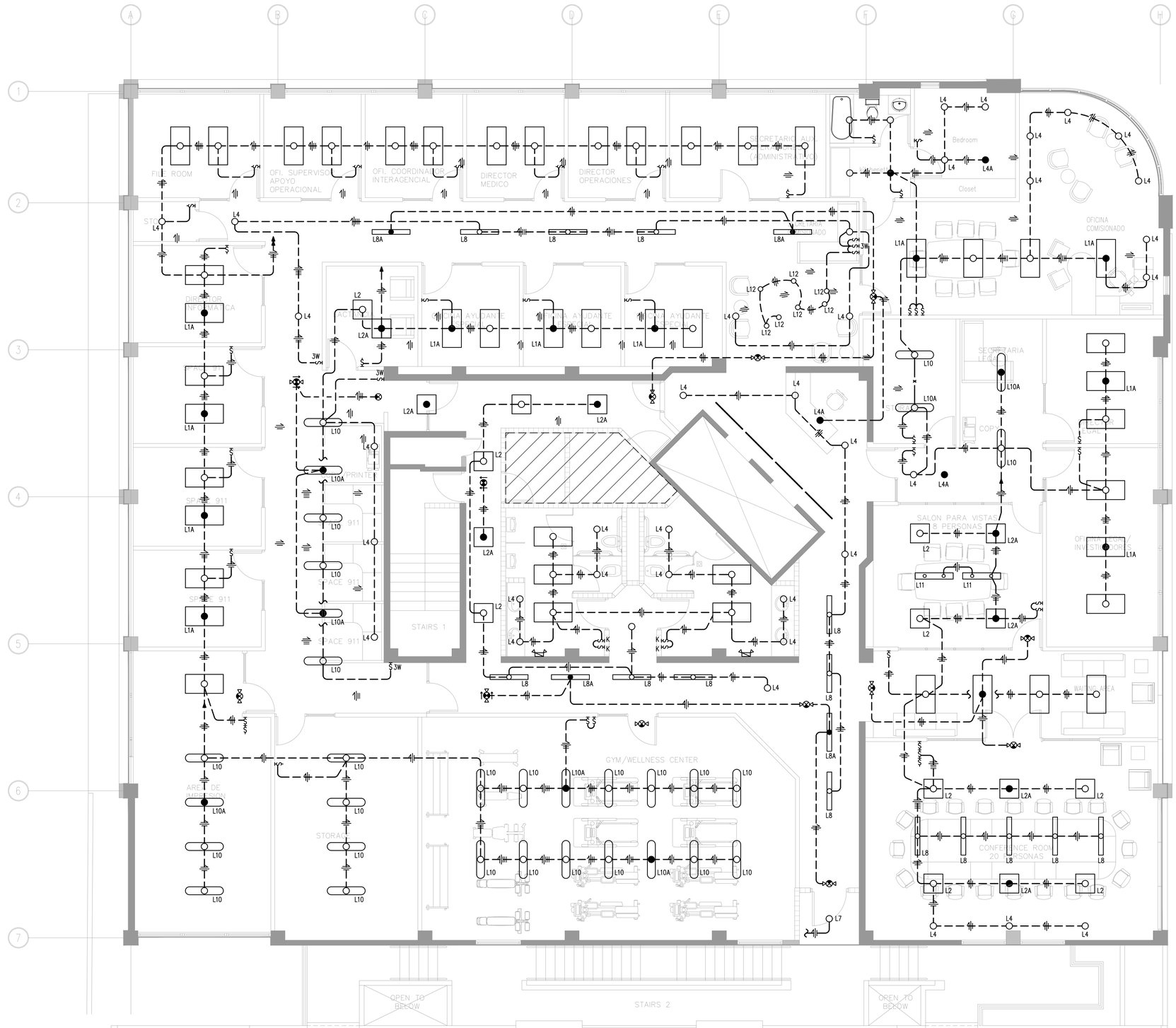
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED THIRD LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-304

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.



NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

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PROPOSED FOURTH LEVEL FLOOR PLAN – LIGHTING

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 18816
San Juan, PR 00910-2716
C. 939-218-6811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

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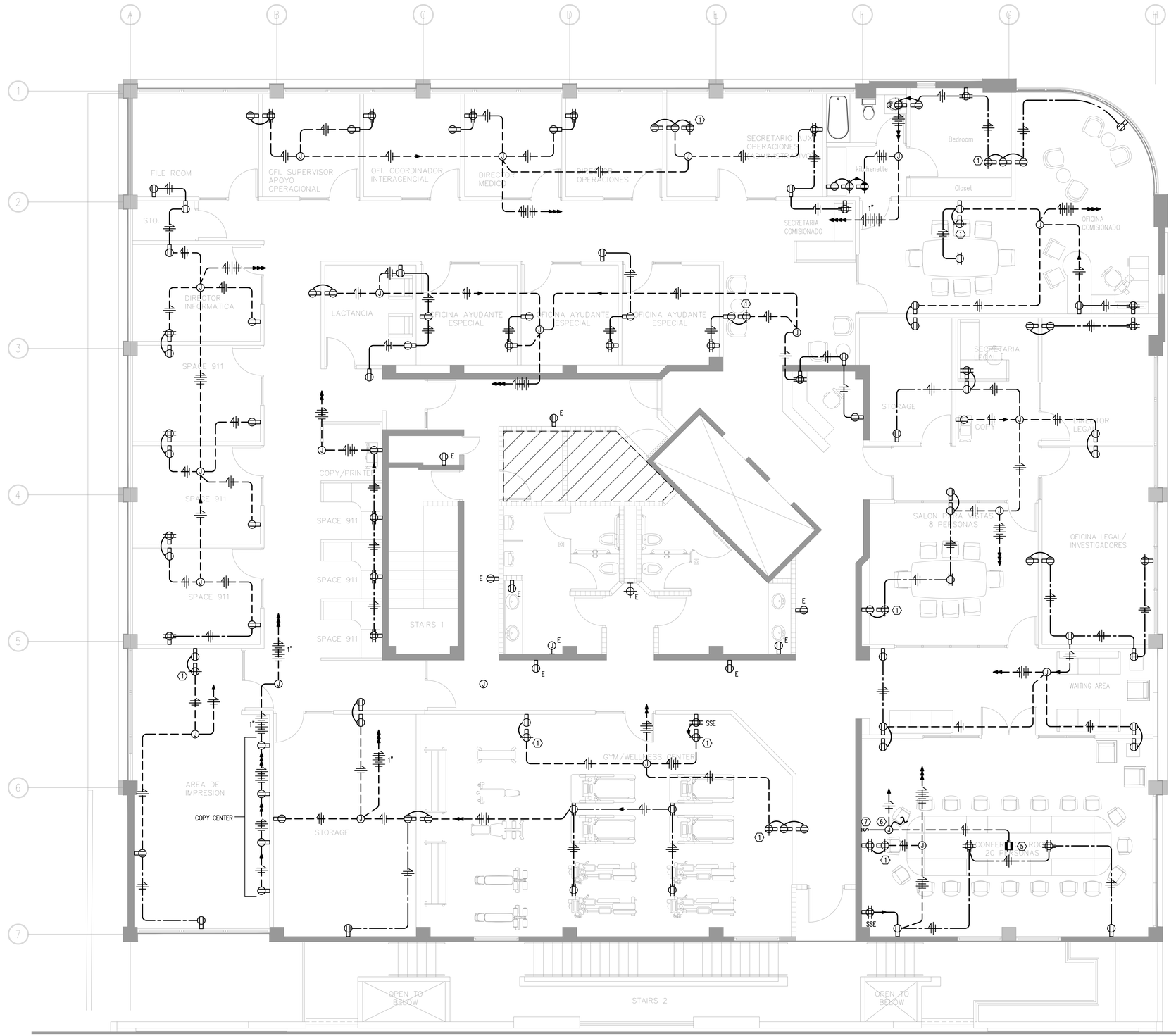
DRAWING NUMBER: E-401

DRAWING NAME: CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL FLOOR PLAN
LIGHTING

PROJECT NAME: DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

- OF -



KEYED NOTES:

1. @±84" A.F.F FOR FLAT TV.
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRSANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. COPIER
5. ON HUNG CEILING FOR PROJECTION SYSTEM.
6. ABOVE HUNG CEILING FOR PROJECTION SCREEN POWER.
7. UP/DOWN SWITCH FOR SCREEN.
8. FOR MICROWAVE AT REQUIRED HEIGHT.

PROPOSED FOURTH LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

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PO Box 13816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.apagan@mapspsc.com
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400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
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PROJECT NAME
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NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-402

- OF -

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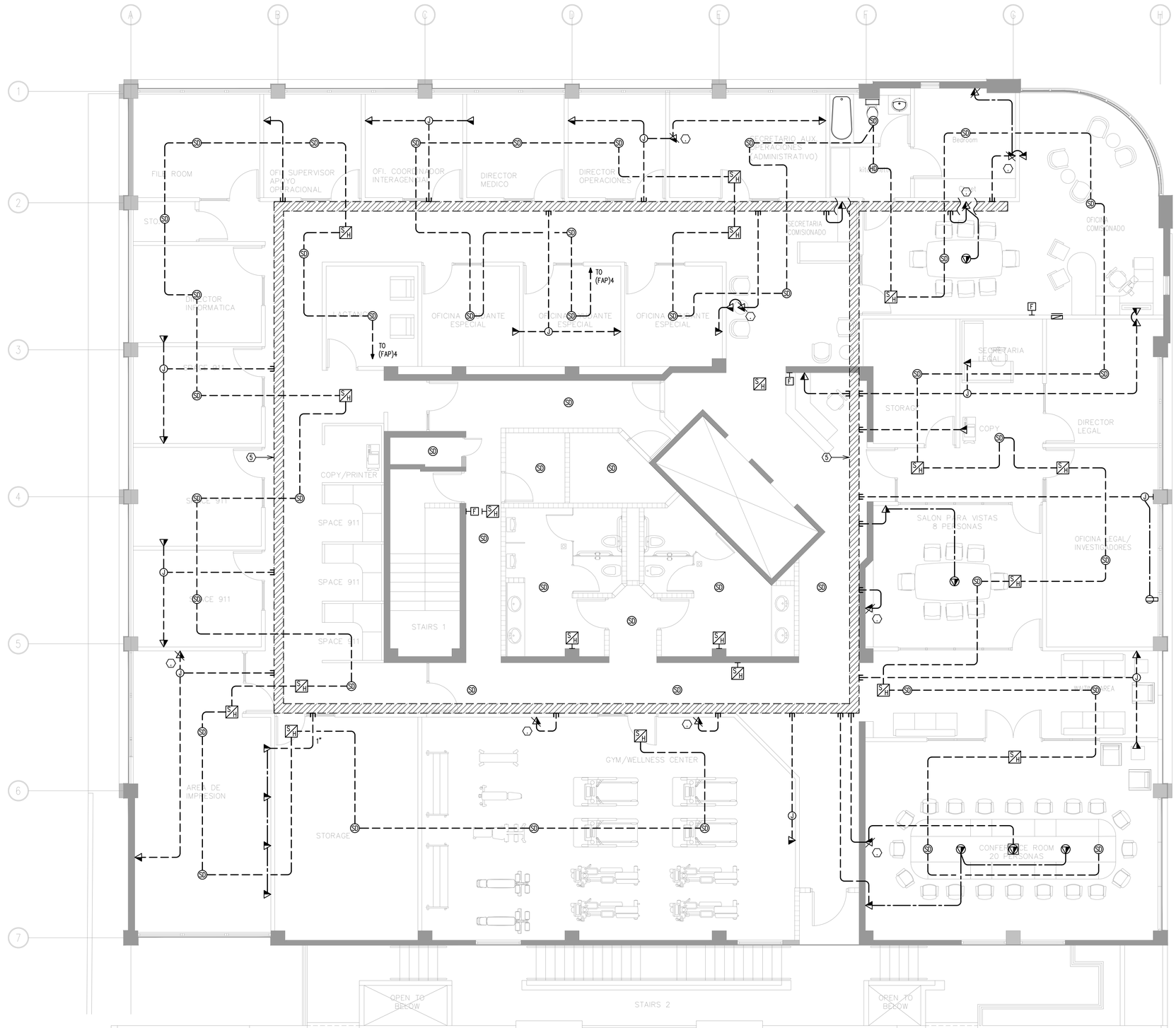

KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. CABLE TRAY TRANSITION UP TO DPC ROOM.
5. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.
6. ON HUNG CEILING FOR PROJECTION SYSTEM SIGNAL.

N W E S

PROPOSED FOURTH LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE
	REVISIONS		

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-403

- 0F -

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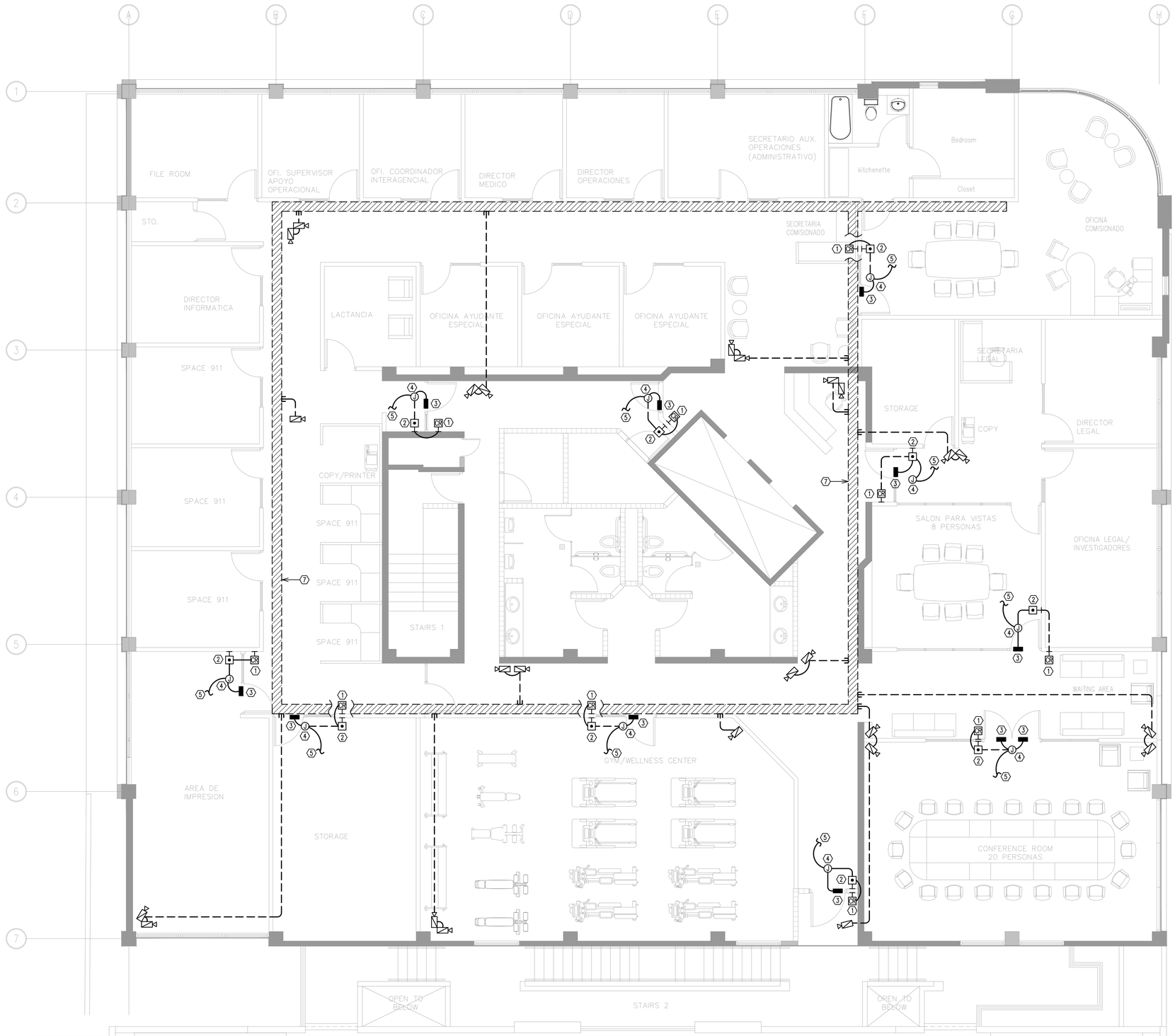

KEYED NOTES:

1. CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.
2. DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.
3. MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.
4. FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.
5. CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.
6. CABLE TRAY TRANSITION UP TO DPC ROOM.
7. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.

PROPOSED FOURTH LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 11816
San Juan, PR 00910-2716
C. 939-218-6811
E. rafael.lanzara@napsepsc.com
W. www.facebook.com/napsepsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersasso Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED FOURTH LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-404

- OF -

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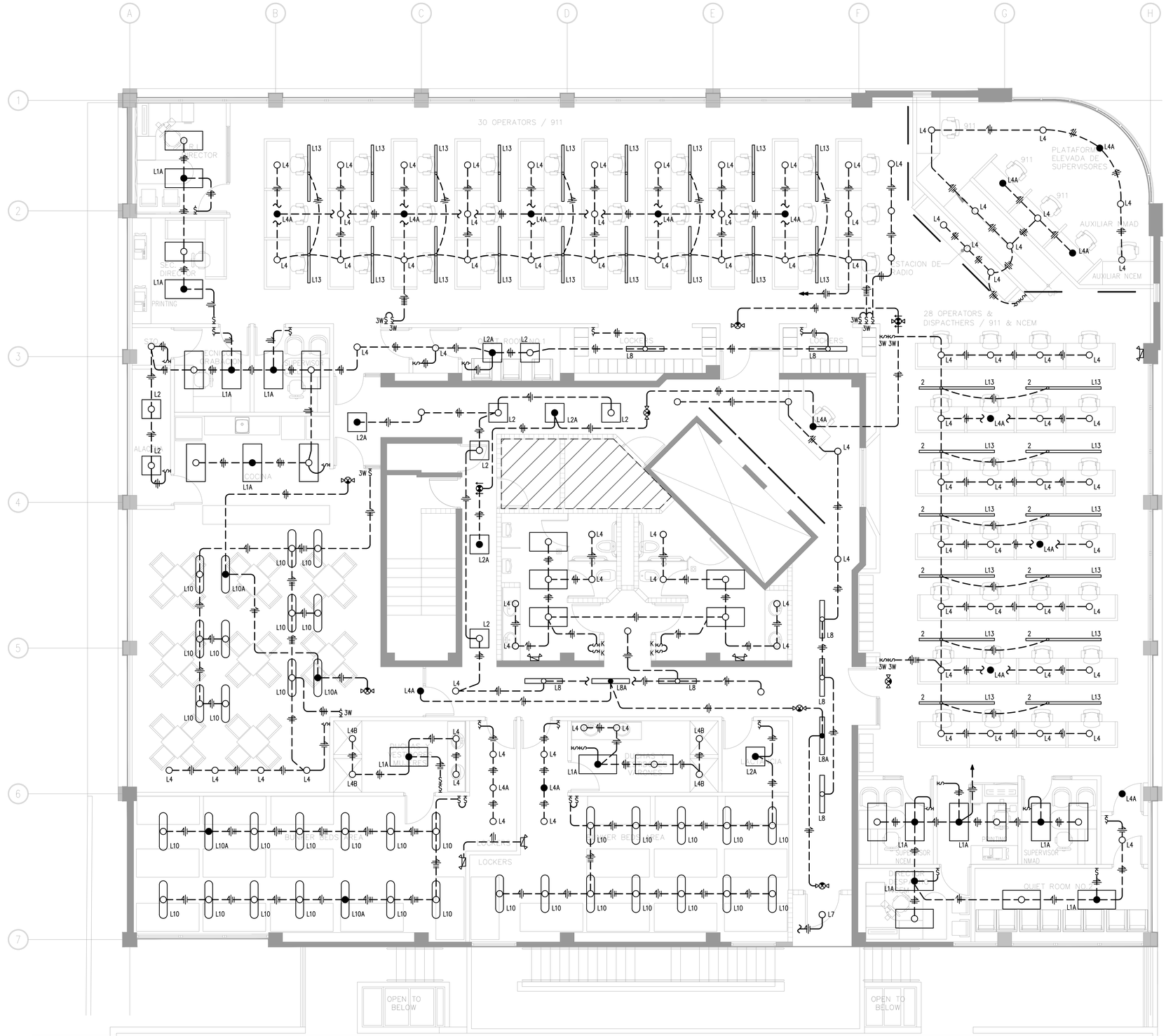

NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

N

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S

PROPOSED FIFTH LEVEL FLOOR PLAN – LIGHTING

SCALE: 3/16"=1'–0"

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10208, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C: 939-218-6811
E. rafaelLanzaro@napsepsc.com
W. www.facebook.com/napsepsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

REVISIONS

NUM.	DESCRIPTION	BY	DATE

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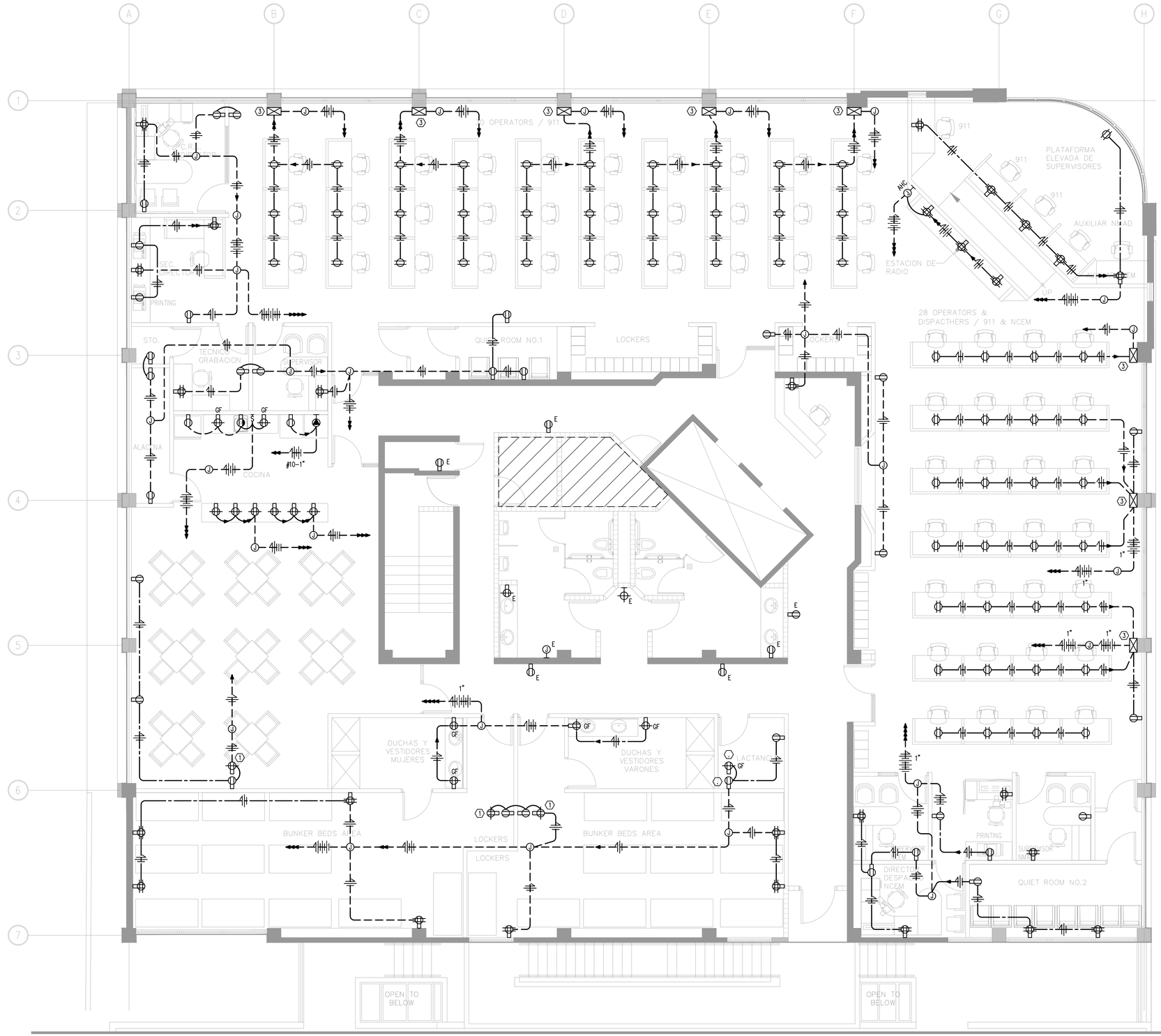
PROJECT TAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL FLOOR PLAN
LIGHTING

DRAWING NUMBER:
E-501

- OF -



PROPOSED FIFTH LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

KEYED NOTES:

1. @±84" A.F.F FOR FLAT TV.
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRSANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. COPIER
5. ON HUNG CEILING FOR PROJECTION SYSTEM.
6. ABOVE HUNG CEILING FOR PROJECTION SCREEN POWER.
7. UP/DOWN SWITCH FOR SCREEN.
8. FOR MICROWAVE AT REQUIRED HEIGHT.

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la DGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13916
San Juan, PR 00910-2716
C: 939-219-0811
E: rafael.pagan@napspsc.com
W: www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
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NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

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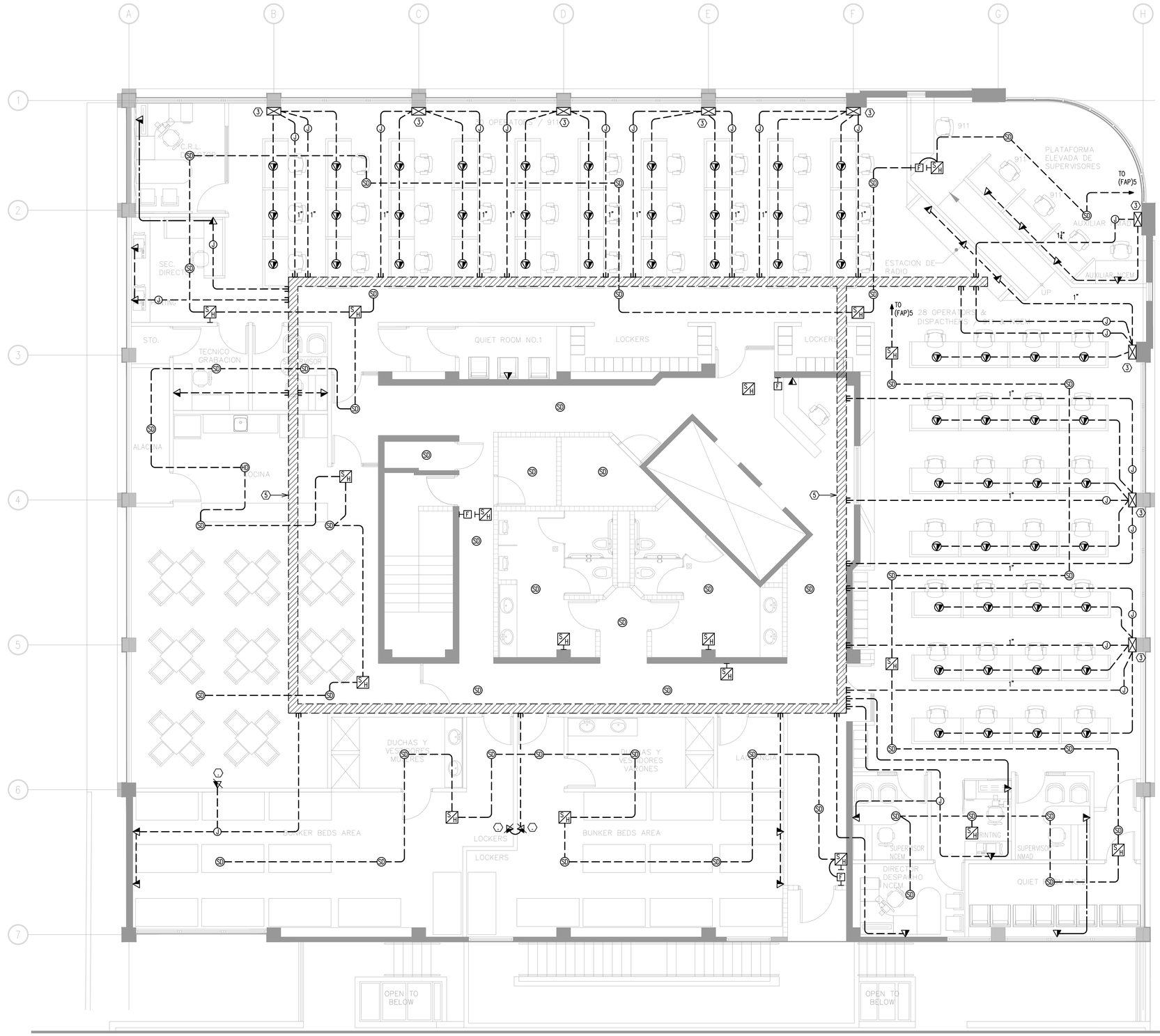
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-502

- 6F -



KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. CABLE TRAY TRANSITION UP TO DPC ROOM.
5. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.
6. ON HUNG CEILING FOR PROJECTION SYSTEM SIGNAL.

N W E S

PROPOSED FIFTH LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 13816
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@mepspc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE
	REVISIONS		

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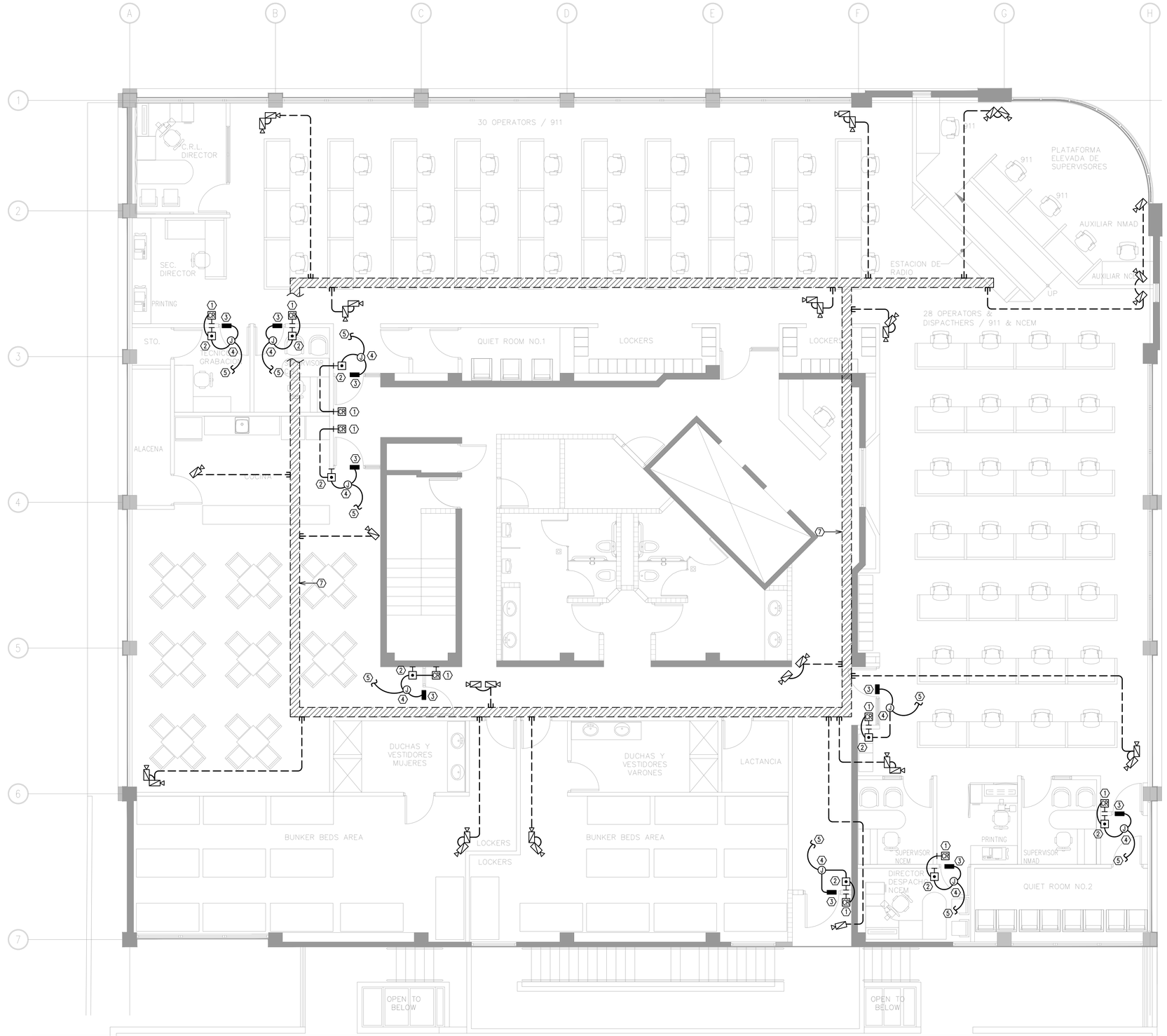
PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-503

- OF -



KEYED NOTES:

1. CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.
2. DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.
3. MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.
4. FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.
5. CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.
6. CABLE TRAY TRANSITION UP TO DPC ROOM.
7. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.

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PROPOSED FIFTH LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C: 939-218-6811
E: rafael.lanzara@napsepsc
W: www.facebook.com/napsepsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
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NUM	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED FIFTH LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-504

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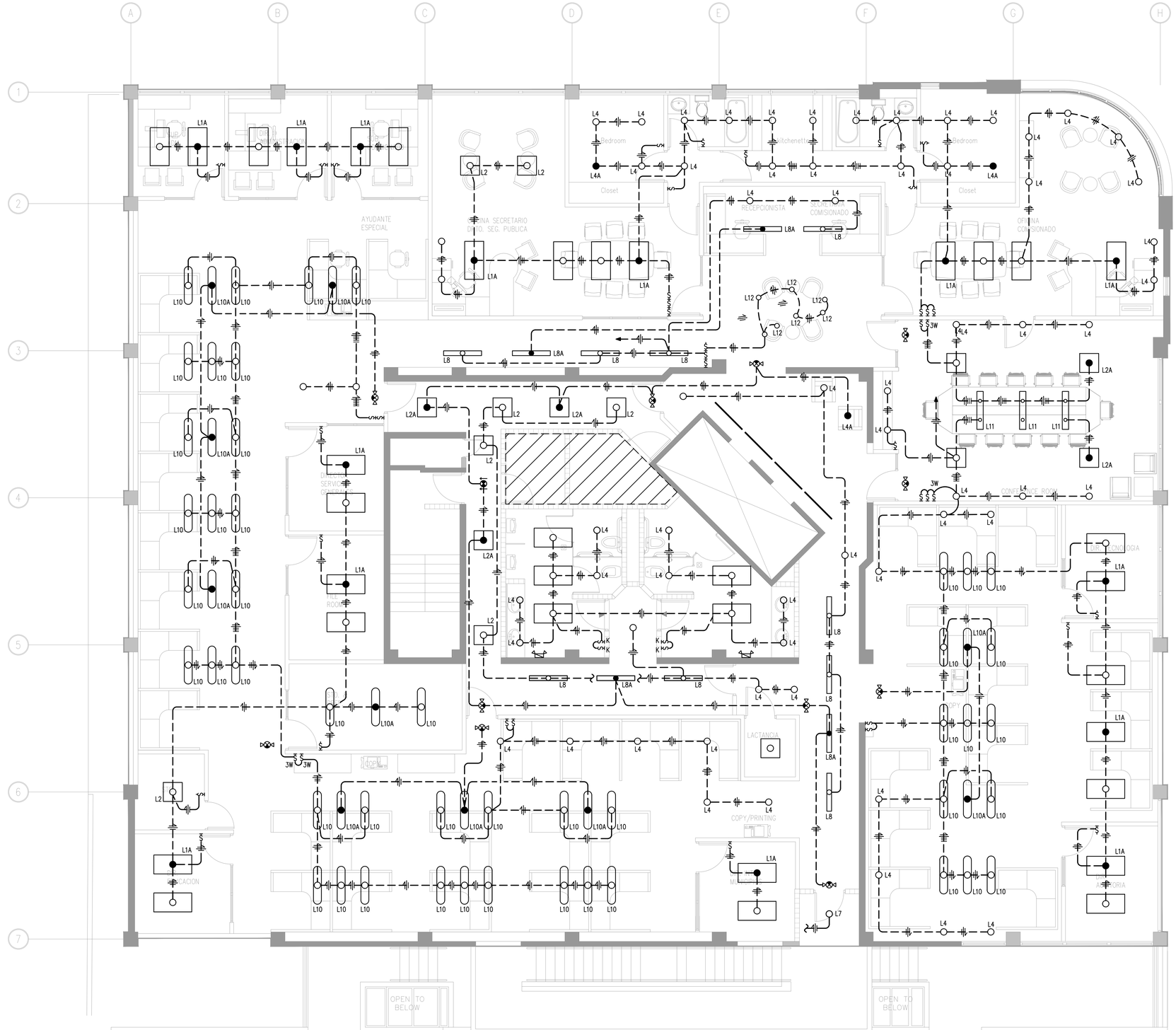

NOTE:

1. ALL LUMINARIES ARE TYPE 'L1' EXCEPT WHEN OTHERWISE INDICATED.

N

W E

S

PROPOSED SIXTH LEVEL FLOOR PLAN – LIGHTING

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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San Juan, PR 00910-2716
C: 939-218-6811
E: rafael.lanzaro@napspsc.com
W: www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

PROJECT NAME:
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME:
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL FLOOR PLAN
LIGHTING

DRAWING NUMBER:
E-601

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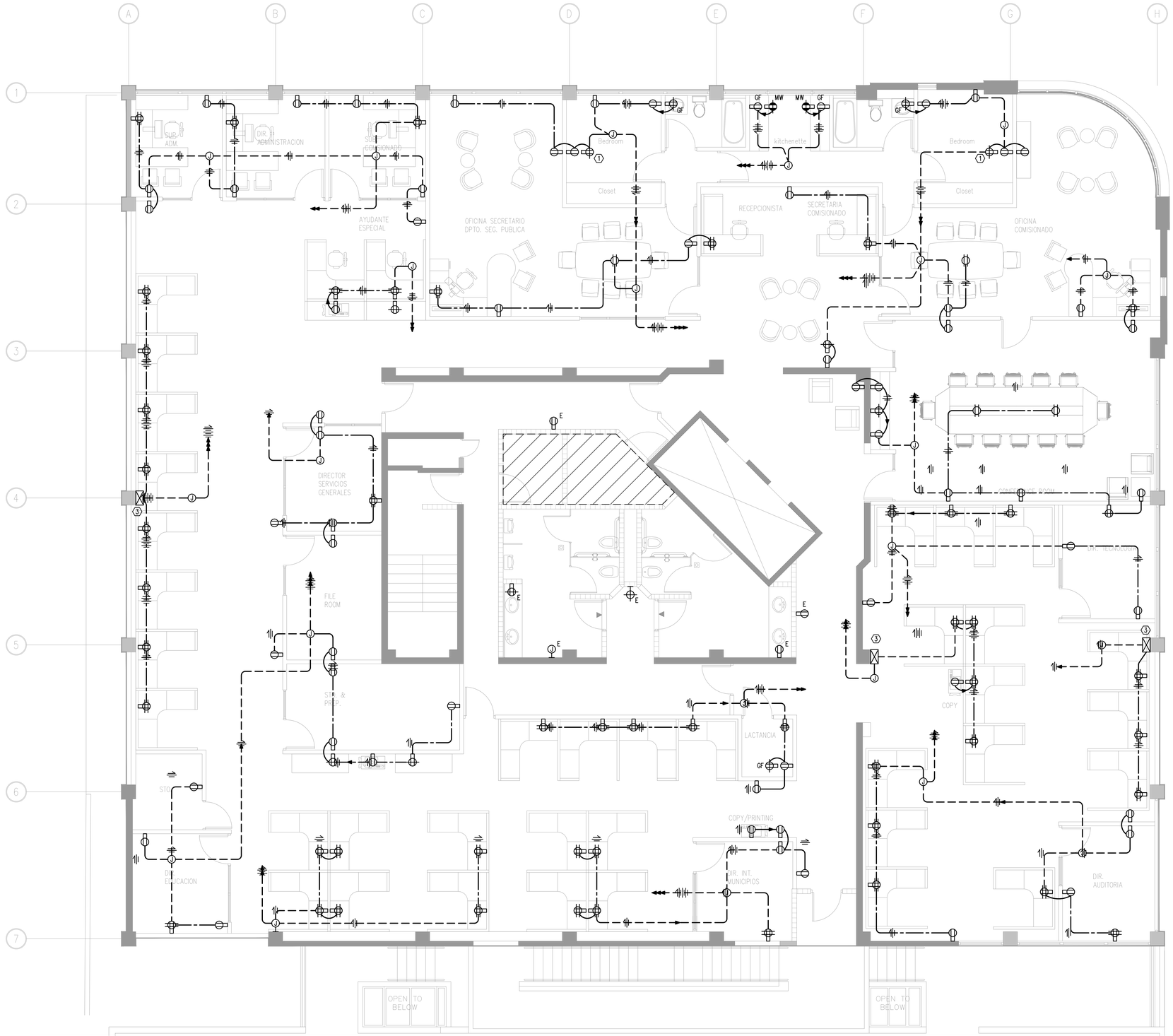

KEYED NOTES:

1. @±84" A.F.F FOR FLAT TV.
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRSANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. COPIER
5. ON HUNG CEILING FOR PROJECTION SYSTEM.
6. ABOVE HUNG CEILING FOR PROJECTION SCREEN POWER.
7. UP/DOWN SWITCH FOR SCREEN.
8. FOR MICROWAVE AT REQUIRED HEIGHT.

N
W
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PROPOSED SIXTH LEVEL FLOOR PLAN – POWER

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13916
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301

NUM	DESCRIPTION	BY	DATE

REVISIONS

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL FLOOR PLAN
POWER

DRAWING NUMBER
E-602

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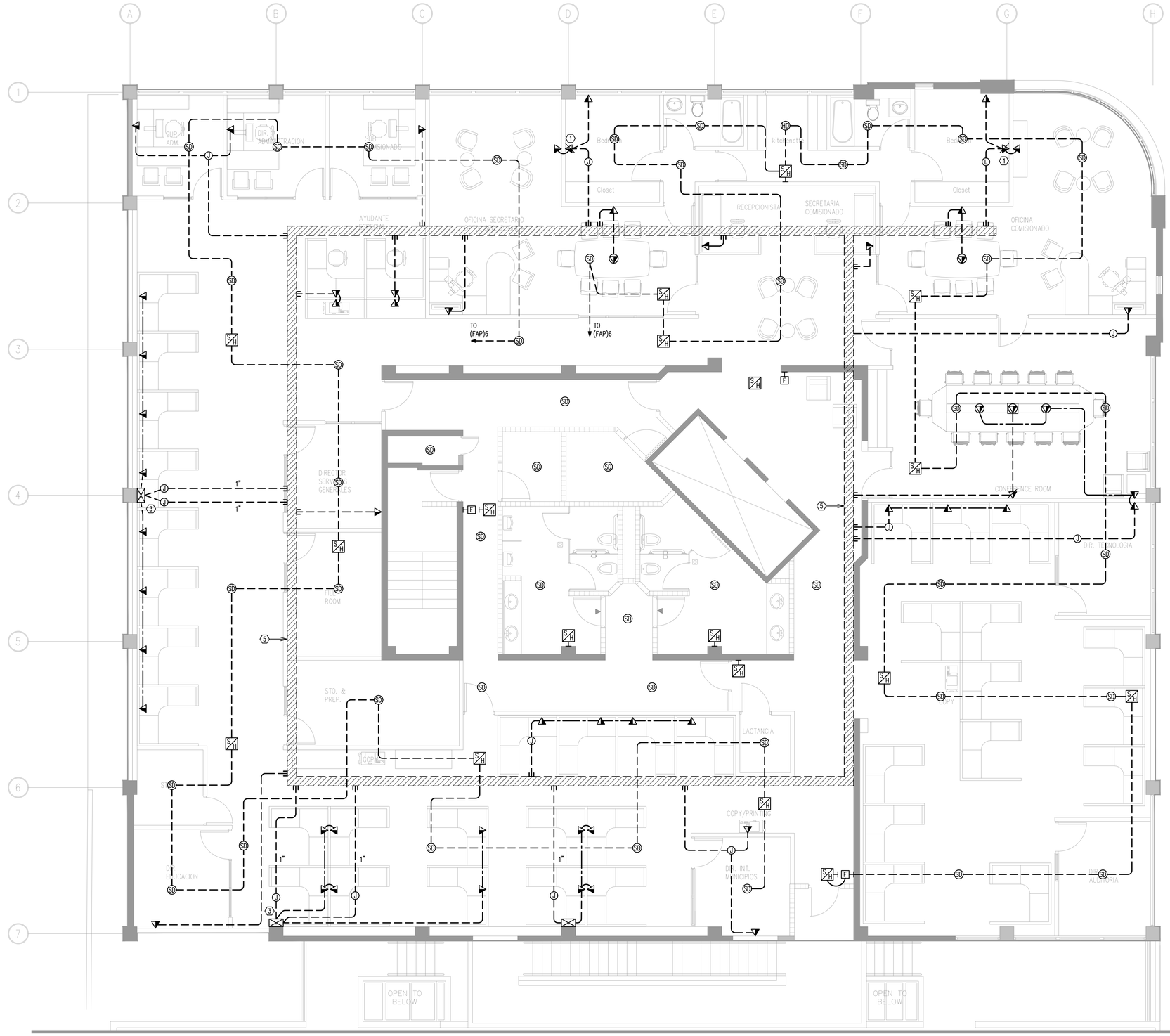

KEYED NOTES:

1. @ 84" A.F.F. FOR T.V. SIGNAL
2. FOR VIDEO WALL @ REQUIRED HEIGHT.
3. CONDUIT TRANSITION FURRING/CHASE, SEE ARCH. DWGS. FOR DETAILS.
4. CABLE TRAY TRANSITION UP TO DPC ROOM.
5. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.
6. ON HUNG CEILING FOR PROJECTION SYSTEM SIGNAL.

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E
S

PROPOSED SIXTH LEVEL FLOOR PLAN – TELECOMM. & FIRE ALARM SYSTEMS

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

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400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
E mail: bersa.arquitectura@gmail.com
Joaquin Berdasco Paz lic. #12301
FAX: (787) 277-9045

NUM.	DESCRIPTION	BY	DATE

REVISIONS

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DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL FLOOR PLAN
TELECOMM. & FIRE ALARM SYSTEMS

DRAWING NUMBER
E-603
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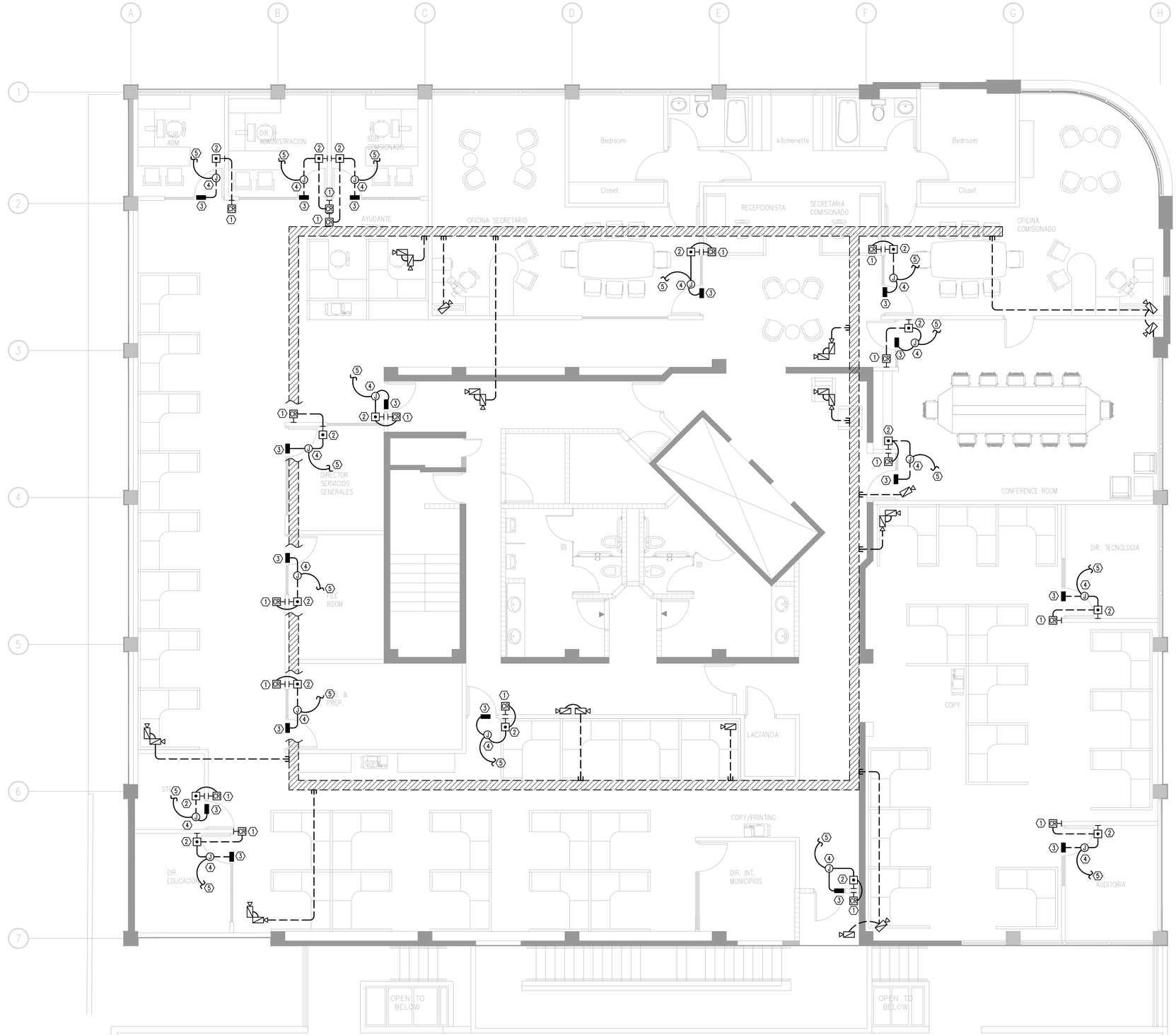

KEYED NOTES:

1. CARD READER FOR DOOR CONTROL SYSTEM @ 48" A.F.F.
2. DOOR OPENER PUSHBUTTON @ 48" A.F.F. DOOR CONTROL SYSTEM.
3. MAGNETIC DOOR HOLDER ABOVE DOOR'S FRAME, DOOR CONTROL SYSTEM.
4. FOR DOOR CONTROL SYSTEM 120/12V TRANSFORMER OPERATION.
5. CONNECT TO 120V FOR DOOR CONTROL SYSTEM, SEE DWG. E-101.
6. CABLE TRAY TRANSITION UP TO DPC ROOM.
7. CABLE TRAY 12"hx4"w SIMILAR TO FLEX TRAY BY GLENN INTERNATIONAL, SUPPORTED TO STRUCTURE EVERY 5FT. MINIMUM.

N W E S

PROPOSED SIXTH LEVEL FLOOR PLAN – SECURITY SYSTEM

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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E mail: bersa.arquitectura@gmail.com
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Tel. : (787) 277-9170
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DRAWING NAME
CONSTRUCTION PHASE
PROPOSED SIXTH LEVEL FLOOR PLAN
SECURITY SYSTEM

DRAWING NUMBER
E-604

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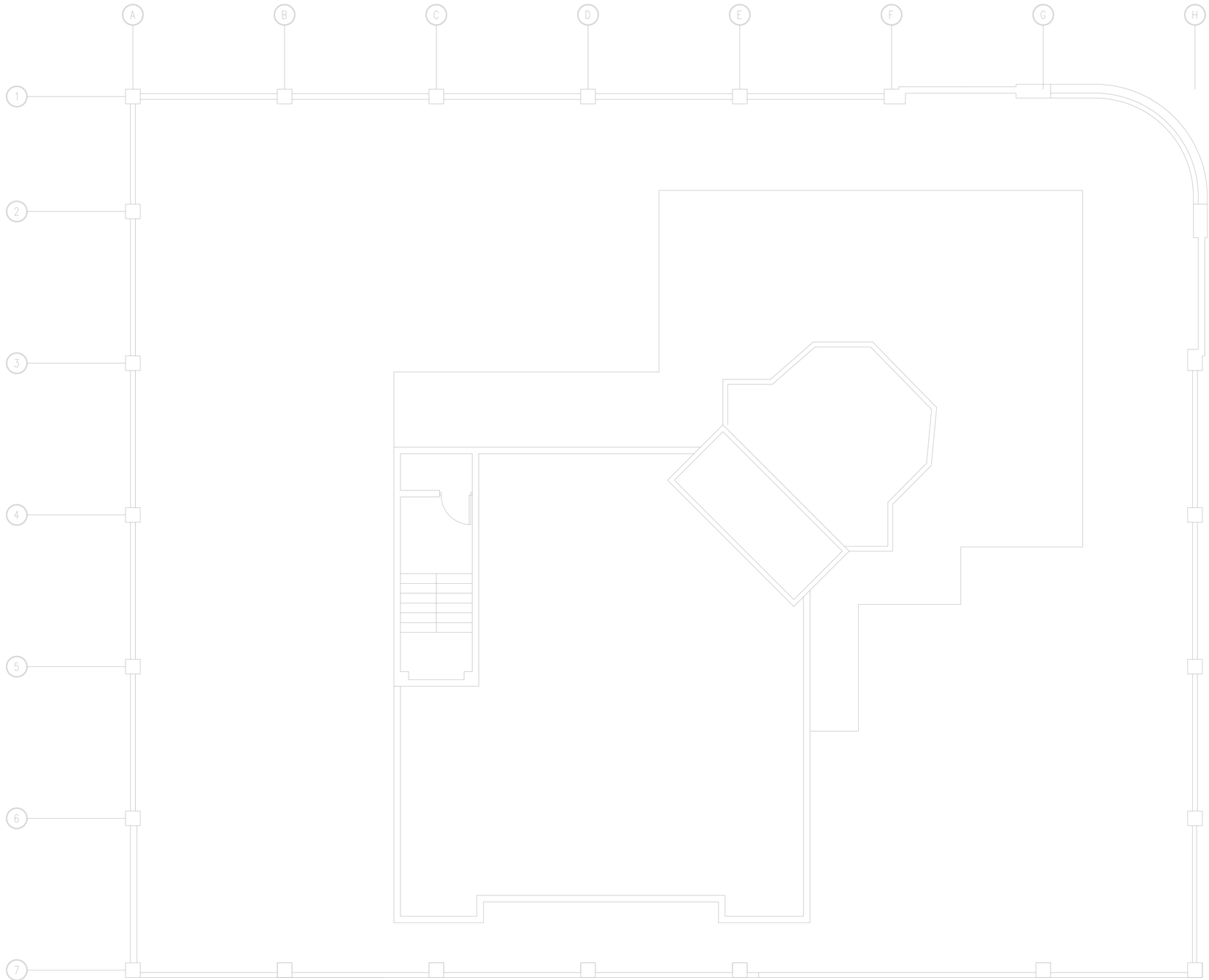

PROPOSED ROOF PLAN – ELECTRICAL INSTALLATION

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

0' 5' 10' 20' 30'

CERTIFICATION RULE

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E. rafael.pagan@napspsc.com
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Tel. : (787) 277-9170
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NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PROPOSED ROOF PLAN
ELECTRICAL INSTALLATION/LIGHTING ARRESTER SYST.

DRAWING NUMBER
E-701

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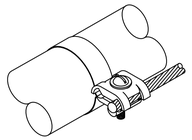
1 LIGHTNING PROTECTION TYPICAL BONDING & SPLICING DETAILS

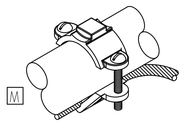
M = MAIN, FULL SIZE CABLE

S = SECONDARY SIZE CABLE



M

No. 800: TINNED COPPER BONDING STRAP

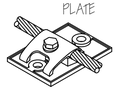


M

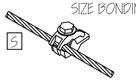
No. 240 or 240X: TINNED PIPE BONDING CLAMP

M

No. 702: TINNED BRONZE BONDING PLATE

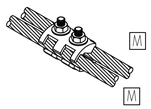


No. 142X: SECONDARY SIZE BONDING CLAMP



S

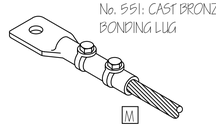
No. 423B: CAST BRONZE PARALLEL SPLICER



M

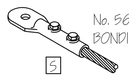
M

No. 551: CAST BRONZE BONDING LUG



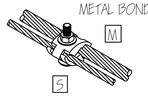
M

No. 561: CAST BRONZE BONDING LUG



S

No. 193: BRONZE MAIN FLAT METAL BONDING CLAMP



M

S

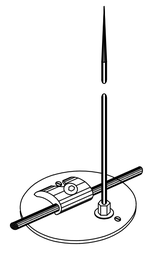
M

No. 142HD: BRONZE FLAT METAL BONDING CLAMP

2 GENERAL AND INSTALLATION NOTES

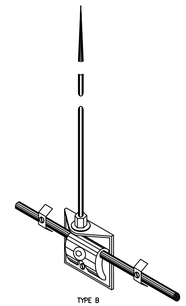
1. LOCATE AIR TERMINALS AS SHOWN. TAKE CARE TO INSURE THAT ALL POINTS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS, AND RIDGE ENDS, AND THAT MAXIMUM SPACING DOES NOT EXCEED 20'-0", AND THAT MINIMUM PROJECTION ABOVE OBJECT PROTECTED IS 10". (POINTS PROJECTING 24" MAY BE SPACED @ 25' MAX.
2. MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND INSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND DO NOT EXCEED 90° .
3. ATTACH ALL EXPOSED ROOF, DOWN LEAD AND BONDING CABLES AT 3'-0" ON CENTER MAXIMUM. VERIFY COMPATIBILITY OF ADHESIVE ON MEMBRANE ROOF APPLICATIONS PRIOR TO INSTALLATION
4. GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 10'-0".
5. BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY CODES.
6. INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRIC, TELEPHONE, AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODE.
7. SYSTEM SHALL BE INSTALLED AS SHOWN TO INSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. ANY MAJOR VARIANCE SHALL ENTAIL RESUBMITTAL AND NEW APPROVAL
8. "AS-BUILT" DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH CERTIFICATION PROCEDURES.
9. ALL MATERIALS ARE UNDERWRITERS LABORATORIES APPROVED WITH LABELS ON CONDUCTORS @ 10'-0" INTERVALS AND LABELS ON ALL AIR TERMINALS.
10. COMPLETED INSTALLATION AS SHOWN SHALL BEAR "NRTL" CERTIFICATION. TO BE SECURED BY SYSTEM INSTALLER PER SPECIFICATIONS.
11. ALL MATERIALS SHOWN AND INTENDED FOR USE ARE TO BE AS MANUFACTURED BY THOMPSON LIGHTNING PROTECTION INC., 901 SIBLEY HWY. ST. PAUL, MN 55118 PHONE: 1-800-777-1230 FAX: 651-455-2545
12. INSTALLATION SHALL COMPLY IN ALL RESPECTS TO L.P.I. CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN L.P.I. CERTIFIED MASTER INSTALLER. COMPLETED INSTALLATION TO RECEIVE SYSTEM CERTIFICATION INCLUDING SUBMITTAL OF FORM L.P.I.-1-R91.
13. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE REQUIRED FITTINGS, SPLICING, MATERIALS, CONDUCTOR FOR A FULLY OPERATOR LIGHTNING PROTECTION SYSTEM, COORDINATE WITH EQUIPMENT MANUFACTURE REPRESENTATIVE.

3 ADDITIONAL DETAILS:



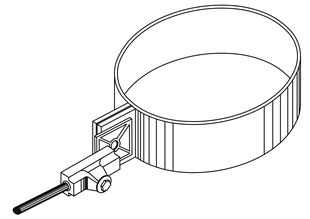
TYPE A

1 E-702 LIGHTNING ARRESTER AIR TERMINAL
NOT TO SCALE

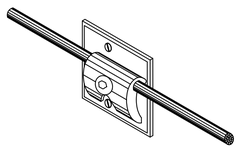


TYPE B

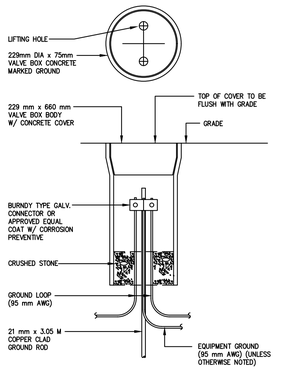
2 E-702 LIGHTNING ARRESTER AIR TERMINAL IN PARAPET WALL (TYP.)
NOT TO SCALE



3 E-702 LIGHTNING ARRESTER STANDARD PIPES CONNECTIONS (TYP.)
NOT TO SCALE

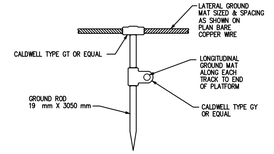


4 E-702 LIGHTNING ARRESTER CONDUCTOR SUPPORT (TYP.)
NOT TO SCALE

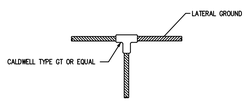


GROUND WELL DETAIL AND GROUND ROD CONNECTION
NOT TO SCALE

5 E-702



6 E-702 GROUND MAT CONNECTION TO ROD
NOT TO SCALE



7 E-702 GROUND MAT CONECTION TO ROD
NOT TO SCALE

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
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DRAWING NAME
CONSTRUCTION PHASE
PROPOSED ROOF PLAN
LIGHTING DETAILS

DRAWING NUMBER
E-702

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REVISIONS			

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PROJECT NAME

DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME

CONSTRUCTION PHASE
ONE LINE DIAGRAM & DETAILS
& XT DRY SCHEDULE/FEEDERS

DRAWING NUMBER

E-801

- OF -

THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 19208, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.

PO Box 13616
San Juan, PR 00910-2716

C: 939-218-9811
E: rafael.pagan@napspsc.com
W: www.facebook.com/napspsc

1 STEP-DOWN DRY TYPE TRANSFORMER

NUMBER	Ø	KVA	VOLTAGE		TEMPERATURE RISE (°C)	FULL CAPACITY TAPS				MOUNTING	DIMENSIONS (IN.)			WEIGHT (POUNDS)	SOUND LEVEL (DB)	IZ%	EFFICIENCY DOE 2016 %	EFFICIENCY MFG. %	MFG.	CATALOG NUMBER	LOCATION
			PRIMARY	SECONDARY		NUMBER	%	ABOVE	BELOW		H	W	D								
(DT)L	3	15	480V △	120/208V Y⏚	150	6	2½	2	4	HANGING	26.98	20.5	17.25	245	39	4.7	97.89	98.17	SQUARE D	EX15T3H	LAUNDRY GRADE C AREA

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.

PO Box 11616
San Juan, PR 00910-2716

C. 939-218-6811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC

400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170

E mail: bersa.arquitectura@gmail.com
Joaquin Berdasco Paz lic. #12301
FAX: (787) 277-9045

NUM	DESCRIPTION	BY	DATE

REVISIONS

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DRAWING NUMBER
E-802

DRAWING NAME
CONSTRUCTION PHASE
TELECOMM. & SECURITY
SYSTEM RISER

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEÓN, RIO PIEDRAS, PUERTO RICO, 00926

(1) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(2) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(3) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(4) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(5) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(6) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(7) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

(8) PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	ADDITIONAL BARS: G.	ADDITIONAL BARS: ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	MAIN CKT. BKR.: POLES	FED FROM: VOLTS	FED FROM: TOP	FED FROM: BOTT.	MOUNTING: FLUSH	MOUNTING: SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____* LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

CERTIFICATION RULE

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BERSA GROUP PSC
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San Juan PUERTO RICO, 00920-5583
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FAX: (787) 277-9045

NUM. | REVISIONS | DESCRIPTION | BY | DATE

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PANELBOARD SCHEDULES
(1 OF 2)

DRAWING NUMBER
E-901

SHEET NUMBER
- OF -

THIS DRAWING DEPICTS THE CONCEPT AND DETAILS OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

① PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	G.	ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	POLES	VOLTS	FED FROM: TOP	BOTT.	MOUNTING: FLUSH	SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
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7										8
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17										18
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25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____ LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

② PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	G.	ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	POLES	VOLTS	FED FROM: TOP	BOTT.	MOUNTING: FLUSH	SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
3										4
5										6
7										8
9										10
11						6				12
13										14
15										16
17										18
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25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

SPECIAL FEATURES:
____ COLUMN WIDTH TYPE PANEL
____ TWO SECTIONS PANEL
____ FEED-THRU TYPE PANEL
____ LIGHTING CONTACTORS PANEL
____● MONOFLAT FRONT
____ EXTRA WIDE GUTTERS

21	15	15

AMPS. SUB TOTALS

REMARKS:
1- ALL BREAKERS TO BE 20A SINGLE POLE UNLESS OTHERWISE INDICATED.
2- PROVIDED WITH HINGED DOOR & DOOR LOCK WITH KEY.

SPECIAL FEATURES:
____ LOCK-ON DEVICE
____ GROUND FAULT TYPE CKT. BKR.
____● "BOLT-ON" TYPE BREAKERS
____ OUTDOOR CONSTRUCTION
____ STAINLESS STEEL CONSTRUCTION
____● COPPER BUS BARS

③ PANELBOARD SCHEDULE

PANELBOARD DESIGNATION : ____ ...

MANUFACTURER: .
LOCATION: .

VOLTS	ø	WIRE	AMPS BUS BARS	ADDITIONAL BARS: SOLID NEU.	G.	ISO G.	AMPS. SYM. INT. CAP.	MAIN CKT. BKR.: AMPS	POLES	VOLTS	FED FROM: TOP	BOTT.	MOUNTING: FLUSH	SUR.	NEMA TYPE
120/208	3	4	100	●	●	--	22,000	--	--	--	●	--	--	●	1

NO.	DESCRIPTION	LOAD (AMPS)	BKR.	PHASES øA	PHASES øB	PHASES øC	BKR.	LOAD (AMPS)	DESCRIPTION	NO.
1										2
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SPECIAL FEATURES:
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CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 10206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 13616
San Juan, PR 00910-2716
C. 939-218-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Bersabess Paz lic. #12301
Tel. : (787) 277-9170
FAX: (787) 277-9045

NUM.	REVISIONS: DESCRIPTION	BY	DATE

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PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
PANELBOARD SCHEDULES
(2 OF 2)

DRAWING NUMBER
E-902

- 0F -

THIS DRAWING DEPICTS THE CONCEPT AND EXTENT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW ONLY AS AN INSTRUMENT OF THE SERVICE BEING RENDERED.

1 GENERAL NOTES:

1. UNLESS OTHERWISE INDICATED ALL WIRES AND CABLES SHALL BE #12-AWG. UNLESS OTHERWISE INDICATED ALL WIRES AND CABLES SHALL BE COPPER. UP TO #10-AWG USE WIRE, ALL LARGES SIZES SHALL BE CABLE. CONTROL CABLES TO BE #14 AWG MIN. SIZES.
2. ALL WIRES AND CABLES SHALL BE THWN/THHN-600V. INSULATION.
3. UNLESS OTHERWISE INDICATED ALL WIRES AND CABLES SHALL BE COPPER.
4. PROVIDE GROUND WIRE IN ALL THE CONDUITS.
5. PROVIDE #12-AWG GREEN JUMPER BETWEEN RECEPTACLE GROUNDING SCREW AND OUTLET BOX GROUNDING SCREW.
6. UNLESS OTHERWISE INDICATED ALL CONDUITS SHALL BE 3/4" IN DIAMETER MINIMUM.
7. ALL UNDERGROUND CONDUIT COUPLING SHALL BE WATERTIGHT.
8. PROVIDE AN EXPANSION JOINT COUPLING OF THE REQUIRED TYPE AND SIZE WHENEVER A CONDUIT CROSSES AN EXPANSION JOINT.
9. PROVIDE PLASTIC CONDUIT DIVIDERS IN ALL UNDERGROUND CONDUIT RUNS. MAXIMUM DISTANCE BETWEEN DIVIDERS TO BE 4'-0".
10. CONTRACTOR MUST MAKE SURE THAT THE ENTIRE ELECTRICAL SYSTEM HAS GROUND CONTINUITY.
11. ALL THE ELECTRICAL INSTALLATION SHALL BE DONE IN A NEAT & WORKMANLIKE MANNER, ACCORDING TO THE LAST EDITION OF THE NATIONAL ELECTRICAL CODE, THE PUERTO RICO ELECTRIC POWER AUTHORITY LATEST STANDARDS.
12. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME ACQUAINTED WITH THE EXISTING FIELD CONDITIONS. IT SHALL BE THE DIRECT RESPONSIBILITY OF THE CONTRACTOR TO BRING PROMPTLY TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THOSE THAT WERE USED FOR DESIGN PURPOSES. THIS SHALL BE DONE BEFORE THE CONTRACTOR SUBMITS HIS BID, SO THAT THE ENGINEER CAN RENDER A DECISION ON THE MATTER BEFORE THE BIDS ARE RECEIVED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTAND THOROUGHLY AND COMPLETELY THE SCOPE OF THE WORK INVOLVED, HAS FAMILIARIZED HIMSELF WITH THE EXISTING FIELD CONDITIONS, AND HAS INCLUDED IN HIS BID ALL THE ITEMS NECESSARY TO PERFORM THE ELECTRICAL WORK. NO ALLOWANCE WILL BE PERMITTED ON THIS MATTER AFTER THE BIDS ARE RECEIVED.
13. UNLESS OTHERWISE INDICATED ALL OUTLETS SHALL BE FLUSH MOUNTED AND SHALL HAVE THEIR OWN INDEPENDENT OUTLET BOXES. MINIMUM SIZE OF OUTLET BOX TO BE 4" SQUARE & 1-1/2" DEEP, EXACT SIZE OF OUTLET BOX SHALL BE DETERMINED ACCORDING TO THE MAXIMUM NUMBER OF CONDUCTORS IN THE BOX PER N.E.C. ARTICLE 314.16.
14. ALL INDICATED HEIGHTS ARE FROM CENTER OF BOX TO FINISHED FLOOR.
15. CONTRACTOR SHALL BALANCE ALL LOADS.
16. ROUTE OF ALL CONDUITS SHOWN IN THE DRAWINGS IS SCHEMATIC AND INTENDED ONLY TO INDICATE INTERCONNECTIONS BETWEEN OUTLETS. EXACT CONDUIT ROUTING SHALL BE DETERMINED AT THE JOB SITE TO CONFORM WITH THE STRUCTURAL CONDITIONS AND SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ARCHITECT/ENGINEER.
17. LEAVE A #12-AWG-TW FISHWIRE IN ALL EMPTY CONDUITS.
18. ALL PANELBOARDS AND LOAD CENTERS SHALL BE PROVIDED WITH A FACTORY INSTALLED GROUND BUS FOR CONNECTING TO GROUND ALL THE GROUND WIRES OR CABLES ENTERING OR LEAVING THE PANELBOARD. THE GROUND BUS SHALL BE SIMILAR IN SIZE AND CHARACTERISTICS TO THE NEUTRAL BUS. ALL PANELBOARDS SHALL HAVE A MONOFLAT FRONT AND KEY LOCK.
19. WHEN TWO OR MORE WIRING DEVICES ARE SHOWN TOGETHER IN ADJACENT POSITIONS AND AT THE SAME HEIGHT, THEY SHALL BE INSTALLED IN A MULTIPLE GANG OUTLET BOX OF THE PROPER SIZE SO THAT ONLY ONE RAISED COVER PLATE OF THE REQUIRED TYPE AND SIZE ARE USED. 120V AND 277V OUTLETS SHALL BE INSTALLED ON SEPARATE BOXES.
20. UNLESS OTHERWISE INDICATED, ALL WIRING DEVICES SHALL BE BLACK COLORED DECORA TYPE WITH 302 STAINLESS STEEL COVER PLATES, EXCEPT THE WEATHERPROOF OUTLETS WHICH SHALL HAVE THEIR STANDARD GRAY COVER PLATES.
21. WHEN TWO OR MORE PANELBOARDS OR CABINETS ARE SHOWN TOGETHER IN ADJACENT LOCATIONS, THE TOP OF ALL PANELBOARDS OR CABINETS SHALL BE ALIGNED WITH THE TOP OF THE BIGGEST ONE SO THAT ALL THE TOPS ARE AT EXACTLY THE SAME HEIGHT FROM THE FINISHED FLOOR.
22. IN CONDUIT RUNS, THE NUMBER OF ARROWS DESIGNATE THE NUMBER OF CIRCUITS IN THE CONDUIT (ONE POLE IN THE PANELBOARD PER EACH CIRCUIT). THE NUMBER OF LINES DESIGNATE THE NUMBER OF CONDUCTORS IN THE CONDUIT , THE LONGER LINE BEING A NEUTRAL CONDUCTOR AND " / " BEING THE GROUND CONDUCTOR.
23. IN LIGHTING OUTLET, 'C1' INDICATES THE CIRCUIT NUMBER, 'L1' INDICATES THE LUMINARY TYPE FROM THE LUMINARY SCHEDULE AND 'L' INDICATES THE SWITCH CONTROLLING UNIT.
    IN RECEPTACLE OUTLET, 'C3' INDICATES THE CIRCUIT NUMBER.
24. FOR TELEPHONE AND COMMUNICATION SYSTEMS NOTES & DETAILS SEE DRAWING ET-1.
25. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE PRIMARY VOLTAGE CHARACTERISTICS AT THE SITE WITH THE UTILITY COMPANY AT THE TIME OF INSTALLATION BEFORE ORDERING ANY PRIMARY EQUIPMENT.
26. ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.
27. ALL THE SELF-STANDING AND SURFACE MOUNTED ELECTRICAL EQUIPMENT AS WELL AS THE LUMINARIES SHALL BE BRACED FOR SEISMIC SHOCK ACCORDING TO THE SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS. THE SAME APPLIES TO ALL THE CONDUIT WORK. THE DETAILS AND INSTALLATION METHODS IN SAID MANUAL SHALL BE MODIFIED AS REQUIRED TO FIT THE ELECTRICAL INSTALLATION OF THE PROJECT.
28. FOR FINAL LOCATION OF MECHANICAL EQUIPMENT SEE CORRESPONDING MECHANICAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL RELOCATE ELECTRICAL ROUGH-IN ACCORDINGLY AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
29. CONDUIT WORK:

CONDUIT CONDITIONS						
CONDUIT TYPE	CONNDUITS INSTALLED UNDERGROUND	EMBEDDED IN CONCRETE WALL CEILING SLABS & FLOOR SLABS NO DIRECT CONTACT WITH THE EARTH	BETWEEN HUNG CEILING & CEILING SLABS OR GYPSON WALLS & METAL DECKS	EXPOSED IN INDOOR AREAS	EXPOSED IN OUTDOOR AREAS	FINAL CONNECTION TO MECH. EQUIP. AND/OR ELECT. EQUIPMENTS
EMT			•			
IMC				•		
PVC SCH. 40	•	•				
HEAVY WALL RIGID GALV. STEEL						
HEAVY WALL RIGID GALV. PVC COATED					•	
LIQUIDTIGHT FLEXIBLE STEEL COND.						•

'ENT' CONDUIT IS NOT ALLOWED IN THIS PROJECT. • • •

30. ALL WIRES AND CABLES SHALL BE #12-AWG, EXCEPT WHEN OTHERWISE INDICATED IN THE DRAWINGS OR AS INDICATED BELOW FOR 20 AMPS. CKTS. WIRE SIZING:

WIRE SIZE (AWG)	20 AMPS. @ 120V. CIRCUIT (MAX. DISTANCE)	20 AMPS. @ 277V. CIRCUIT (MAX. DISTANCE) (N/A)	MINIMUM CONDUIT SIZE			
			SINGLE CKT.	TWO CKTS.	THREE CKTS.	FOUR CKTS.
#12	0' TO 100'	0' TO 200'	3/4"	3/4"	3/4"	1"
#10	101' TO 200'	201' TO 350'	3/4"	3/4"	1"	1-1/4"
#8	201' TO 300'	350' TO 500'	3/4"	1"	1-1/4"	1-1/2"
#6	3011 TO 400'	N/A	1"	1-1/4"	1-1/2"	N/A

31. ALL PENDANT MOUNTED LUMINARIES SHALL BE INSTALLED USING STEMS, 2 STEMS PER EACH 4' LUMINARY. STEMS SHALL BE PAINTED OF THE COLOR REQUIRED BY THE ARCHITECT.
32. ALL DIMMERS SHALL BE OF THE SLIDE TYPE.
33. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE POWER AND CONTROL INTERCONNECTIONS AMONG ALL THE DIFFERENT PARTS OF THE AIR CONDITIONING SYSTEMS (FAN COILS/AHU'S, CONDENSING UNITS, THERMOSTATS, ETC.). THE CONTRACTOR SHALL ALSO PROVIDE ALL THE STARTING AND DISCONNECT EQUIPMENT FOR SAID SYSTEMS.
34. ALL 15A OR 20A/1P-125V. RECEPTACLES LOCATED OUTDOORS SHALL BE PROVIDED WITH INTEGRAL GROUND FAULT PROTECTION (GFCI) AND WEATHERPROOF COVER PLATES.
35. WIRES COLOR CODING:

120/280V					277/480V				
#A	#B	#C	N	GROUND	#A	#B	#C	N	GROUND
BLACK	RED	BLUE	WHITE	GREEN	BROWN	ORANGE	YELLOW	LIGHT GRAY	GREEN

36. ALL BRANCH CIRCUITS THAT SUPPLY 125V-1ø-15A & 20A OUTLETS INSTALLED IN DWELLING UNIT SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT AS PER N.E.C. ARTICLE 210.12.
37. ALL THE SMOKE DETECTORS SHALL BE INTERCONNECTED SO THAT IF ONE SMOKE DETECTOR IS ACTIVATED ALL THE SMOKE DETECTORS WILL SOUND THE ALARM.
38. ALL 15A & 20AMPS. BRANCH CIRCUITS RECEPTACLES OUTLETS SHALL BE TAMPERPROOF AS REQUIRED BY NEC 2008 SECTIONS 406.11 & 210.52.

2 LEGEND:

SYMBOL	DESCRIPTION
	CEILING LIGHTING OUTLET.
	CEILING LIGHTING OUTLET IN NIGHT LIGHT CIRCUIT.
	WALL LIGHTING OUTLET, 7'-6" A.F.F. UNLESS OTHERWISE INDICATED IN THE DRAWINGS.
	2' x 4' FLUORESCENT RECESSED LUMINARY.
	2' x 4' FLUORESCENT RECESSED LUMINARY IN NIGHT LIGHT CIRCUIT.
	4 FT. PENDANT OR SURFACE MOUNTED FLUORESCENT LUMINARY.
	4 FT. PENDANT OR SURFACE MOUNTED FLUORESCENT LUMINARY IN NIGHT LIGHT CIRCUIT.
	2' x 2' FLUORESCENT RECESSED LUMINARY.
	2' x 2' FLUORESCENT RECESSED LUMINARY IN NIGHT LIGHT CIRCUIT.
	SURFACE MOUNTED EMERGENCY EXIT LUMINARY.
KO-	SINGLE POLE SWITCH, 20 AMPS, 125 VOLTS, 48" A.F.F.
KO-3W	THREE-WAY SWITCH, 20 AMPS, 125 VOLTS, 48" A.F.F.
KO-M	FRACTIONAL HORSEPOWER MANUAL STARTER WITH RED RUNNING PILOT LIGHT AND OVERLOAD RELAY, RATED FOR 1 HP, 125 VOLTS, 48" A.F.F.
	SLIDE TYPE DIMMER, COMPATIBLE WITH 'T5' STEP DIMMING BALLAST, 1000 WATTS, 125 VOLTS, 48" A.F.F.
KO-F	CEILINGN FAN CONTROL SWITCH, WALL MOUNTED @ 48" A.F.F., 20AMPS, 125VOLTS.
KO-K	KEY OPERATED SINGLE POLE SWITCH, 20 AMPS., 125 VOLTS @ 48" A.F.F.
KO-K 3W	THREE-WAY SWITCH KEY OPERATED SINGLE POLE SWITCH, 20 AMPS., 125 VOLTS @ 48" A.F.F.
T	DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, 1'-6" A.F.F.-NEMA 5-20R. WHEN "T" IS INDICATED NEXT TO OUTLET THE RECEPTACLE SHALL BE TAMPERPROOF FOR CHILDREN.
	FLOOR DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, NEMA 5-20R, PROVIDED WITH BRASS
	DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, 6" ABOVE THE COUNTER'S TOP. NEMA 5-20R
	DUPLEX GROUNDING POWER OUTLET, 20 AMPS, 125 VOLTS, @ 1'-6" A.F.F., ONE SIDE TO BE SWITCH OPERATED.
	DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, 1'-6" A.F.F.-NEMA 5-20R.
	DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, 6" ABOVE THE COUNTER'S TOP. NEMA 5-20R.
	QUADRUPLEX GROUNDING POWER OUTLET, 20 AMPS, 125 VOLTS, 1'-6" A.F.F.
	SINGLE GROUNDING POWER OUTLET, 50AMPS, 250V @ 1'-6" A.F.F. NEMA 14-50R
	DUPLEX GROUNDING CONVENIENCE OUTLET, 20 AMPS, 125 VOLTS, ROOF MOUNTED IN A CONCRETE PEDESTAL. (WP/GF)
	SINGLE GROUNDING POWER OUTLET, 30 AMPS, 250 VOLTS, 1'-6" A.F.F.-NEMA 14-30R.
	SINGLE GROUNDING POWER OUTLET, 20 AMPS, 125 VOLTS, 1'-6" A.F.F. NEMA 5.20R
	LIQUIDTIGHT FITTING FILLED WITH SEALING COMPOUND. (EXPLOSION PROOF)
J	CEILING JUNCTION BOX, FLAT BLANK COVER PLATE.
J	WALL JUNCTION BOX, FLAT BLANK COVER PLATE, 1'-6" A.F.F. UNLESS OTHERWISE INDICATED.
J	FLOOR JUNCTION BOX, FLAT BLANK COVER PLATE.
	WALL COMBINATION DATA/TELEPHONE OUTLET, 1'-6" A.F.F. UNLESS INDICATED IN THE DRAWINGS.
	PANELBOARD, CENTER LINE AT 5'-0" A.F.F. SEE ELECTRICAL DRAWINGS FOR DETAILS.
	TV SYSTEM TERMINAL CABINET, CENTER LINE AT 5'-0" A.F.F. (TVC)
	TELEPHONE SYSTEM TERMINAL CABINET, CENTER LINE AT 5'-0" A.F.F. (TTC)
	HEAVY DUTY DISCONNECT SWITCH, CENTER LINE AT 5'-0" A.F.F. AND MOUNTED NEXT TO THE UNIT IT FEEDS.
	FULL VOLTAGE NON REVERSING COMBINATION MAGNETIC STARTER, CENTER LINE AT 5'-0" A.F.F. AND MOUNTED NEXT TO THE UNIT IT FEEDS.
	PUMP CONTROL PANEL.
	MOTOR. (HP).
	LIQUIDTIGHT FLEXIBLE STEEL CONDUIT.
	CONDUIT INSTALLED IN THE CEILING SLAB.
	CONDUIT INSTALLED IN THE FLOOR SLAB OR IN WALL.
	CONDUIT INSTALLED BETWEEN THE HUNG CEILING & CEILING SLAB.
x	CONDUIT INSTALLED EXPOSED.
	UNDERGROUND SYSTEM CONDUIT.
T	UNDERGROUND TELECOMMUNICATION SYSTEM CONDUITS.
A	ALARM PANEL PANIC BUTTON.
	DOOR CONTROL SYSTEM RELEASE PUSHBUTTON AT 48" A.F.F.
DR	DOOR CONTROL SYSTEM CARDREADER PUSHBUTTON AT 48" A.F.F.
	DOOR CONTROL SYSTEM MAGNETIC HOLDER ABOVE DOOR'S FRAME.
	POLE LIGHTS, SEE DETAILS ON DRAWING E-0.0.
ATS	AUTOMATIC TRANSFER SWITCH.
	'CCTV' SURVEILLANCE SECURITY SYSTEM OUTLET, EXACT LOCATION TO BE COORDINATED IN THE FIELD.
	WALL (7'-6") AND/OR CEILING MOUNTED EMERGENCY LUMINARY.
A.F.F.	ABOVE FINISH FLOOR.
WM	WASHER MACHINE.
D	DRYER.
MW	MICROWAVE.
AP	ALARM PANEL.
DTC	DATA SYSTEM CABINET/PATCH PANEL.
GF	INTEGRAL GROUND FAULT PROTECTION TO BE PROVIDED IN ALL RECEPTACLES THIS SYMBOL IS SHOWN ADJACENT TO.
WP	WEATHERPROOF COVER PLATE TO BE PROVIDED IN ALL OUTLETS THIS SYMBOL IS SYMBOL IS SHOWN ADJACENT TO.
DC	DOOR CONTROL
A/V	AUDIO / VISUAL
LS	CEILING MOUNTED LIGHTING SENSOR 120V.
SP	CEILING MOUNTED SOUND SYSTEM SPEAKER OUTLET.

6 LUMINARY SCHEDULE:

LUMINARY TYPE	DESCRIPTION	MOUNTING	VOLTS	BALLAST TYPE	LAMPS. SPECIFICATIONS			TOTAL WATTS	MANUFACTURER	CAT. NO.	REMARKS
					NO.	WATTS	TYPE				
L1	2'x2' LED TROFFER	RECESSED	120	DRIVER	1	35	LED	35	LITHONIA	2GTL2-3300-LM-LP840 (CI-237AGS)	1
L1A	2'x2' LED TROFFER	RECESSED	120	DRIVER	1	35	LED	35	LITHONIA	2GTL2-3300-LM-LP840 (CI-237AGS) - EMERG. CIRCUIT	1,7
L2	2'x4' LED TROFFER	RECESSED	120	DRIVER	1	40	LED	40	LITHONIA	2BLT2-33L-ADP-120-EZ1-LP830	1
L2A	2'x4' LED TROFFER	RECESSED	120	DRIVER	1	40	LED	40	LITHONIA	2BLT2-33L-ADP-120-EZ1-LP830 - EMERG. CIRCUIT	1,7
L3	4FT LED WRAPAROUND	PENDANT / SURFACE	120	DRIVER	1	35	LED	35	LITHONIA	BLWP4-30-LHT-ADSM-MVOLT-EZ1-LP940	6
L4	LED DOWNLIGHT	PENDANT / SURFACE	120	DRIVER	1	35	LED	35	LITHONIA	SPECS BY OWNER/ARCH.	6
L5	LED DOWNLIGHT	RECESSED	120	DRIVER	1	17	LED	17	LITHONIA	LDN4-30-15-L04-AR-LSS-120-GZ10	1
L6	LED HIGH ABUSE	WALL	120	DRIVER	1	35	LED	35	LITHONIA	LDN6CYL-40-30-L06-AR-LSS-120-FCM-DWHG-WL	2,3,6
L7	EXIT/EMERGENCY LED COMBO	WALL / ROOF	120	DRIVER	1	5	LED	5	LITHONIA	LHQM-LED-B-R-HO-SD	5
L8	EMERGENCY LED	WALL / ROOF	120	DRIVER	1	5	LED	5	LITHONIA	ELMDL-B-	
L9	CANOPY LED	PENDANT / SURFACE	120	DRIVER	1	50	LED	50	← SPECS BY OWNER/ARCH. →		
L10	VAPOR TIGHT LED	WALL	120	DRIVER	1	30	LED	30	LITHONIA	CLX-L48-3000LN-SEF-SBLW-RDL-WD-120-GZ10-40K-90CRI-WH	
L11	2'x2' LED	PENDANT / SURFACE	120	DRIVER	1	35	LED	35	← SPECS BY OWNER/ARCH. →		
L12	LED HIGH ABUSE CYLINDER	SURFACE	120	DRIVER	1	40	LED	40	← SPECS BY OWNER/ARCH. →		
L13	ARCHITECTURAL LED	PENDANT / SURFACE	120	DRIVER	1	40	LED	40	← SPECS BY OWNER/ARCH. →		

7 LUMINARY SCHEDULE REMARKS:

REMARK NO.	DESCRIPTION
1	LUMINARY SHALL BE 4000K.
2	COLOR FINISH FINAL SPECS. COORDINATED WITH ARCH.
3	COORDINATE MOUNTING HEIGHT IN FIELD.
4	PROVIDE COVER SHROUD.
5	PROVIDE ARROWS AS REQUIRED.
6	WET LOCATION
7	PROVIDED WITH EMERGENCY BATTERY BACK-UP.

3 FIRE ALARM SYSTEM NOTES & LEGEND:

SYMBOL	DESCRIPTION
F	INTELLIGENT WALL MOUNTED MANUAL FIRE ALARM STATION 48" A.F.F. CERBERUS-SIEMENS SERIES 6306. MOD. HMS-D, HMS-M.
HD	INTELLIGENT SURFACE MOUNTED AUTOMATIC FIRE DETECTOR- COMBINATION RATE-OF-RISE AND FIXED TEMPE-RATURE. CERBERUS-SIEMENS SERIES 9901. MOD H921.
SD	INTELLIGENT MULTI CRITERIA SURFACE MOUNTED SMOKE DETECTOR. CERBERUS-SIEMENS, SERIES 9900, MOD. H921 OR OP921.
24	WALL MOUNTED COMBINATION STROBE/HORN 80" A.F.F. CERBERUS-SIEMENS SERIES 2578, MOD. ZH & ZR.
SD D	DUCT MOUNTED SMOKE DETECTOR. ADDRESABLE. CERBERUS SIEMENS SERIES 6156, MOD. FDBZ
(FAP)	FLUSH MOUNTED IN WALL FIRE ALARM ANNUNCIATOR PANEL CERBERUS PRO FIRE SAFETY SYSTEM SERIES 9800/PRO FC9813, FC9815 CENTER LINE AT 5'-0" A.F.F.
J	CEILING JUNCTION BOX WITH FLAT BLANK COVER PLATE.
J	WALL JUNCTION BOX, WITH PLATE FLAT COVER PLATE @ 1'-6" UNLESS OTHERWISE INDICATED.
WP	WEATHERPROOF COVER PLATE TO BE PROVIDED IN ALL OUTLETS THIS SYMBOL IS SHOWN ADJACENT TO.
	CONDUIT INSTALLED BETWEEN THE HUNG CEILING & CEILING SLAB.
x	CONDUIT INSTALLED EXPOSED.
WP	WEATHERPROOF COVER PLATE TO BE PROVIDED IN ALL OUTLETS THIS SYMBOL IS SHOWN ADJACENT TO.

FURNISH AND INSTALL A FIRE ALARM SYSTEM AS MANUFACTURED BY "SIEMENS"- CERBERUS CO. AND DESCRIBED IN THESE SPECIFICATIONS AND INDICATED IN THE ELECTRICAL DRAWINGS. THE SYSTEM SHALL BE WIRED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS AND IT SHALL BE LEFT IN A COMPLETE AND FIRST CLASS OPERATING CONDITION. THE FIRE ALARM SYSTEM SHALL BE A COMPLETE, AUTOMATIC SYSTEM FOR THE DETECTION AND ALARM OF FIRE, SMOKE AND COMBUSTION GASES. THE SYSTEM AND ITS COMPONENTS SHALL BE U.L. APPROVED. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS FOR SPECIFIC INSTALLATION SUPPLIED BY PYROTRONICS CO. THE DRAWINGS SHALL BE SUBMITTED TO THE A/E FOR HIS APPROVAL PRIOR TO THE INSTALLATION OF THE SYSTEM. ALL THE INSTALLATION AND WIRING OF THE SYSTEM SHALL BE OF HIGH QUALITY WORKMANSHIP.

5 JUNCTION BOX COLOR CODING:

COLOR	DESCRIPTION
WHITE	LIGHTING SYSTEM
BLACK	RECEPTACLES AND POWER SYSTEM
RED	FIRE ALARM SYSTEM
BROWN	SECURITY SYSTEM
GRAY	TELEPHONE SYSTEM / TELECOMMM.
LIGHT BLUE	DATA & COMMUNICATIONS SYSTEMS
BLUE	'CCTV' SYSTEMS
GREEN	DOOR CONTROL SYSTEM

4 DEMOLITION NOTES (PROJECT LIMITS):

1. REMOVE ALL THE EXPOSED FEEDERS, CONDUITS AND BRANCH CIRCUITS WIRES.
2. REMOVE ALL THE EXISTING OUTDOOR AND INDOOR LUMINARIES.
3. REMOVE AND REPLACE ALL THE EXISTING RECEPTACLES.
4. REMOVE ALL THE DATA & TELEPHONE WIRING AND EXPOSED CONDUITS.
5. REMOVE ALL THE EXISTING ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED TO REMAIN. INCLUDING LIGHTING FIXTURES, SWITCHES, RECEPTACLES, EXPOSED CONDUITS, SURFACE AND FLUSH DEVICES BOXES, DEVICE PLATES, ETC. REMOVE ALL THE WIRING FROM EXISTING CONDUITS, CUT BACK CAP AND ABANDON ALL CONCEALED CONDUITS AS REQUIRED.
6. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND FEEDERS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
7. EXISTING CONDUITS FOUND TO BE REUSABLE MAY BE USED. ALL OTHER MATERIAL SHALL BE REMOVED FROM THE JOB SITE UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
8. REMOVE THE EXISTING TELEPHONE SERVICE, AND BRANCH CIRCUITS. COORINATE DEMOLITION WITH TELEPHONE COMPANY.
9. PARTIAL BRANCH CIRCUIT WIRING DENOTING CONTROL PANEL OR SWITCHING ON THE DRAWING IS SHOWN FOR REFERENCE/CLARIFICATION ONLY, AND IS NOT TO BE CONSTRUED TO IMPLY COMPLETE CIRCUIT WIRING. THE LOCATION OF THE INTERCONNECTION OF CONTROL DEVICE, AND EQUIPMENT CONTROLLED IS DIAGRAMMATIC ONLY.

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
E mail: bersa.arquitectura@gmail.com
Joaquin Berdecia Paz lic. #12301
Tel. : (787) 277-9170 FAX: (787) 277-9045

NUM.	REVISIONS DESCRIPTION	BY	DATE

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
GENERAL NOTES, LEGEND, FIRE ALARM NOTES, DEMOLITION NOTES & LUMINARY SCHEDULE.

DRAWING NUMBER
E-903

- OF -

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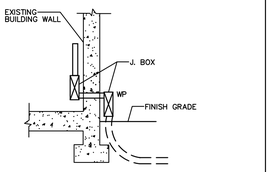
THIS DRAWING DEPICTS THE CONCEPT AND EFFORT OF BERSA GROUP CORPORATION FOR THIS PROJECT AND IS ISSUED FOR REVIEW SOLELY AS AN INSTRUMENT OF THE SERVICES BEING RENDERED.

CERTIFICATION RULE

Yo, Ing. Rafael Pagán Cáceres, Licencia 11206, certifico que soy el profesional que diseñó estos planos y las especificaciones complementarias. También, certifico que entiendo que dichos planos y especificaciones cumplen con las disposiciones aplicables del Reglamento Conjunto y las disposiciones aplicables de los Reglamentos y Códigos de Construcción Vigentes de las Agencias, Juntas Reglamentadoras o Corporaciones Públicas con jurisdicción. Certifico, además, que en la preparación de estos planos y especificaciones se ha cumplido cabalmente con lo dispuesto en la Ley 14-2004, según enmendada, conocida como la "Ley para la Inversión por la Industria Puertorriqueña" y con la [Ley Núm. 319 de 15 de mayo de 1938, según enmendada; Ley Núm. 96 de 6 de julio de 1978, según enmendada; según aplique]. Reconozco que cualquier declaración falsa o falsificación de los hechos que se haya producido por desconocimiento o por negligencia ya sea por mí, mis agentes o empleados, o por otras personas con mi conocimiento, me hacen responsable de cualquier acción judicial y disciplinaria por la OGPe.

NAPS, ENGINEERS P.S.C.
PO Box 11916
San Juan, PR 00910-2716
C: 939-218-9811
E: rafael.napas@napseng.com
W: www.facebook.com/napspsc

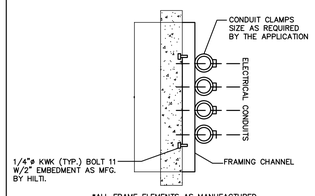
① CONDUIT ENTRANCE



NOTES:

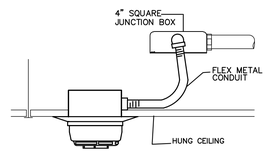
1. INSTALL CONDUITS THROUGH EXISTING WALLS IN ACCORDANCE WITH THIS DETAIL IF NOT OTHERWISE INDICATED.
2. DRILL HOLE USING METHODS THAT LEAVE A SMOOTH OPENING. SEAL OPENING AROUND CONDUIT, INSIDE, AND OUTSIDE, WITH ONE PART POLYURETHANE IMMERSIBLE SEALANT.

② WALL & CEILING TYPICAL MULTIPLE SUPPORT

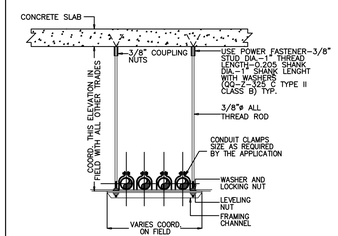


*ALL FRAME ELEMENTS AS MANUFACTURED BY SUPERSTRUT, THOMAS & BETTS.

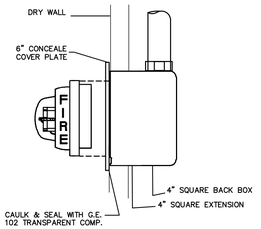
③ SMOKE DETECTOR HUNG CEILING MOUNTING DETAIL



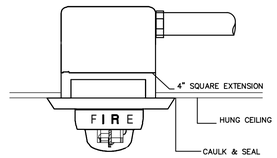
④ TYPICAL CONDUIT HANGING DETAIL



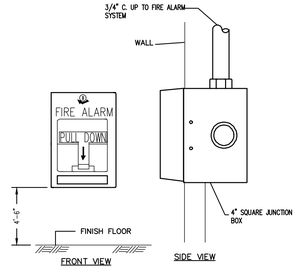
⑤ WALL MTG. ALARM NOTIFICATION WITH STROBE LIGHT ASSEMBLY DETAIL



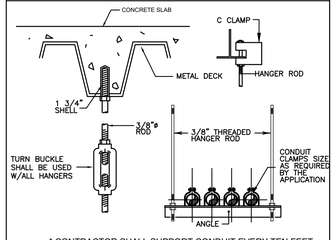
⑥ CEILING MTG. SPEAKER/STROBE LIGHT DETAIL



⑦ MANUAL PULL STATION

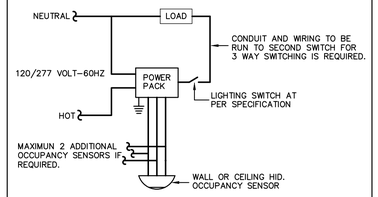


⑧ TYPICAL CONDUIT HANGER DETAIL

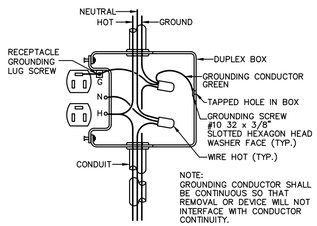


* CONTRACTOR SHALL SUPPORT CONDUIT EVERY TEN FEET.

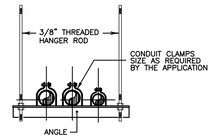
⑨ OCCUPANCY SENSOR DIAGRAM WITH SWITCHING



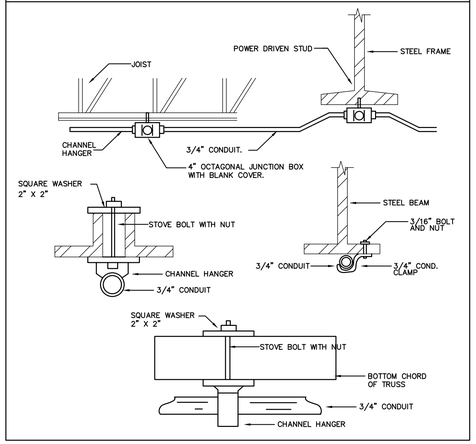
⑩ GROUNDED RECEPTACLE INSTALLATION



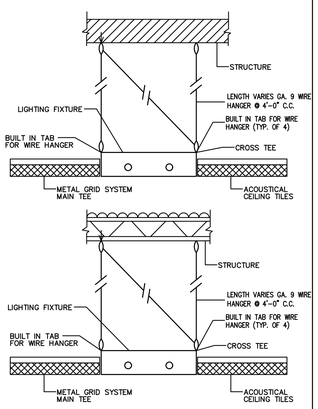
⑪ STRUT ASSEMBLY DETAIL



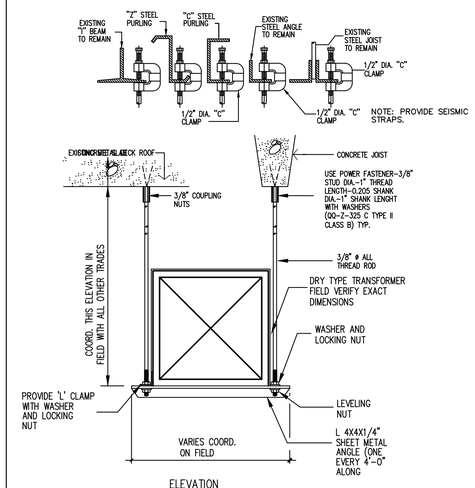
⑫ EXPOSED CONDUIT & BOXES INSTALLATION DETAILS



⑬ TYPICAL LIGHTING SUPPORT DETAIL

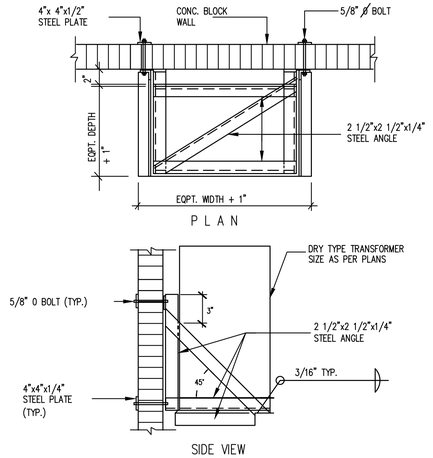


⑭ DRY TYPE TRANSFORMER DETAILS

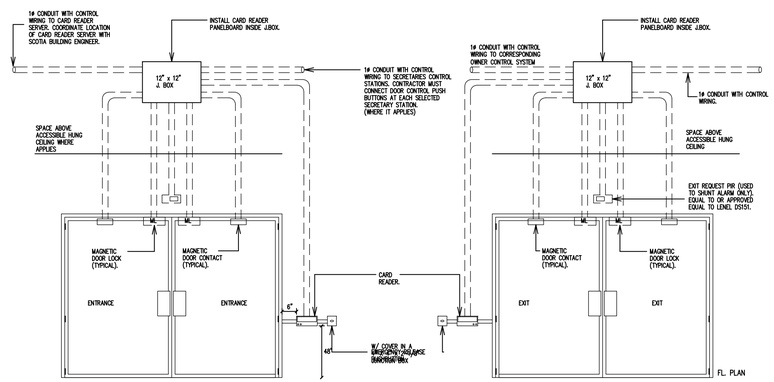


ELEVATION

⑮ TYPICAL DRY TYPE TRANSFORMER INSTALLATION DETAIL



⑯ DOOR CONTROL SYSTEM DETAIL



CERTIFICATION RULE

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NAPS, ENGINEERS P.S.C.
PO Box 13916
San Juan, PR 00910-2716
C. 939-219-0811
E. rafael.pagan@napspsc.com
W. www.facebook.com/napspsc

BERSA GROUP PSC
400 ESCORIAL AVENUE, URB. CAPARRA HEIGHTS
San Juan PUERTO RICO, 00920-5583
Tel. : (787) 277-9170
FAX: (787) 277-9045
E mail: bersa.arquitectura@gmail.com
Joaquin Bersosa Paz lic. #12301

NUM.	DESCRIPTION	BY	DATE
	REVISIONS		

PROJECT NAME
DEPARTAMENTO DE SEGURIDAD PUBLICA
NUEVO EDIFICIO 911
#1547 AVE. PONCE DE LEON, RIO PIEDRAS, PUERTO RICO, 00926

DRAWING NAME
CONSTRUCTION PHASE
DOOR CONTROL, XT MOUNTING AND FAS DETAILS

DRAWING NUMBER
E-904

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