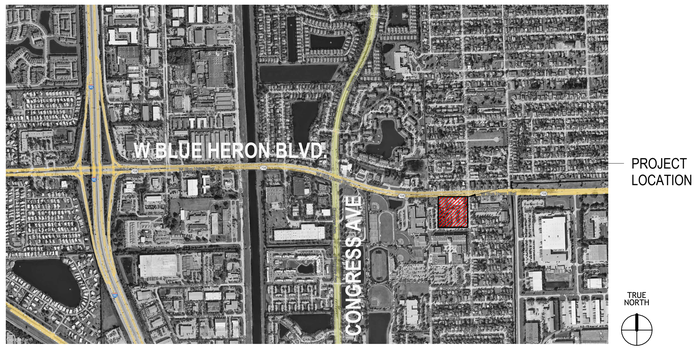
RIVIERA BEACH POLICE DEPARTMENT

2125 AVENUE S.
RIVIERA BEACH, FL 33404



10/14/2025

90% CONSTRUCTION DOCUMENTS/PERMIT SET

VOL II - EVIDENCE AND FIRING RANGE

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PGAL

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ENGINEERING
INTERIORS
PLANNING

ALEXANDRIA
ATLANTA
AUSTIN
BOCA RATON
DFW
DENVER
HOBOKEN
HOUSTON
LAS VEGAS
LOS ANGELES
SALT LAKE CITY
SAN DIEGO

REGISTRATION

STATE OF FLORIDA
SYMONNE LOHRUM
AR 96599
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/22/2025	50% Construction Documents
D	9/18/2025	90% Construction Documents
E	10/14/2025	90% Construction Documents/Permit Set

PROJECT NUMBER
1007657.00

SHEET TITLE
COVER SHEET

SHEET NUMBER
G0.00E

FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657.00_RBPD_A_R24.rvt
DATE STAMP: 10/16/2025 3:07:56 PM

VOL II SHEET INDEX - EVIDENCE & FIRING RANGE

Discipline	Sheet №	Sheet Name	Current Issue	Current Issue Date	Current Issue Description
GENERAL					
GENERAL	G0.00E	COVER SHEET	E	10/14/2025	90% Construction Documents/Permit Set
GENERAL	G0.01E	SHEET INDEX	E	10/14/2025	90% Construction Documents/Permit Set
GENERAL	G0.02E	GENERAL SYMBOLS, ABBREVIATIONS & INFORMATION	E	10/14/2025	90% Construction Documents/Permit Set
GENERAL	LS2.10E	LIFE SAFETY	E	10/14/2025	90% Construction Documents/Permit Set
GENERAL	LS2.15E	LIFE SAFETY - MEZZANINE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE					
ARCHITECTURE	A0.10E	PARTITION TYPES & DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.11E	PARTITION DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.12E	UL ASSEMBLIES	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.13E	UL ASSEMBLIES	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.30E	DOOR SCHEDULES, TYPES, AND FRAMES	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.35E	HOLLOW METAL FRAME & TYP. DOOR DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.36E	STOREFRONT DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.37E	STOREFRONT DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.50E	SIGNAGE SCHEDULE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A0.55E	SIGNAGE DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A2.10E	FLOOR PLAN, GROUND - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A2.15E	FLOOR PLAN, MEZZANINE - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A2.30E	FLOOR PLAN, ROOF - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A3.10E	OVERALL REFLECTED CEILING PLAN - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A4.01E	ENLARGED EQUIPMENT PLAN - LEVEL 1	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A4.02E	ENLARGED EQUIPMENT PLAN - LEVEL 1	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A4.03E	INTERIOR ELEVATIONS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A4.50E	STAIR PLANS AND SECTIONS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A4.51E	VERTICAL CIRCULATION DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A5.10E	PLAN DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A5.20E	CEILING DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A6.00E	EXTERIOR ELEVATIONS - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A6.10E	STOREFRONT ELEVATIONS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A7.00E	BUILDING SECTIONS - EVIDENCE/ FIRING RANGE	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A7.20E	WALL SECTIONS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A7.21E	FIRING RANGE DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A7.50E	ROOF DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A7.51E	EXTERIOR DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	A8.65E	MILLWORK DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
ARCHITECTURE	AF2.10E	FINISH PLAN - LEVEL 1	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT					
EQUIPMENT	Q1.01E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.02E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.03E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.04E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.05E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.06E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.07E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.08E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.09E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.10E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.11E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.12E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.13E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.14E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.15E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.16E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.17E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.18E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.19E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.20E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.21E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.22E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.23E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.24E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.25E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.26E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.27E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.28E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.29E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.30E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.31E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.32E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.33E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.34E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.35E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.36E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.37E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.38E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.39E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.40E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.41E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.42E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
EQUIPMENT	Q1.43E	FIRING RANGE EQUIPMENT DRAWINGS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL					
STRUCTURAL	S1.0E	STRUCTURAL NOTES & SCHEDULES	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S1.1E	SCHEDULES	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S1.2E	BUILDING ISOMETRICS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S1.3E	BUILDING ISOMETRICS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S2.0E	FOUNDATION PLAN	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S2.1E	MEZZANINE PLAN AND FIRING RANGE ROOF FRAMING PLAN	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S2.2E	EVIDENCE STORAGE HIGH ROOF FRAMING PLAN	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S2.3E	PANEL LAYOUT PLAN	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S3.0E	BUILDING SECTIONS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S3.1E	BUILDING SECTIONS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S3.2E	BUILDING SECTIONS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S4.0E	STRUCTURAL DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S4.1E	FLOOR FRAMING DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S4.2E	ROOF FRAMING DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S5.0E	PANEL DETAILS	E	10/14/2025	90% Construction Documents/Permit Set
STRUCTURAL	S5.1E	PANEL DETAILS	E	10/14/2025	90% Construction Documents/Permit Set

VOL II SHEET INDEX - EVIDENCE & FIRING RANGE

Discipline	Sheet №	Sheet Name	Current Issue	Current Issue Date	Current Issue Description
FIRE PROTECTION					
FIRE PROTECTION	F0.01E	GENERAL NOTES - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F0.10E	SITE PLAN - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F1.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F1.02E	FLOOR PLAN - MEZZANINE - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F5.01E	DETAILS - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F5.02E	DETAILS - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
FIRE PROTECTION	F6.01E	SCHEDULES - FIRE PROTECTION	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING					
PLUMBING	P0.01E	GENERAL NOTES, ABBREVIATIONS & LEGEND - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P1.00E	FOUNDATION PLAN - EVIDENCE/FIRING RANGE - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P1.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - WASTE - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P1.10E	ROOF PLAN - EVIDENCE/FIRING RANGE - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P2.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - DOMESTIC - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P4.01E	WASTE AND VENT RISER - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P4.02E	DOMESTIC WATER & COMPRESSED AIR RISER - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P5.01E	DETAILS - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P5.02E	DETAILS - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
PLUMBING	P6.01E	SCHEDULES - PLUMBING	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL					
MECHANICAL	M0.01E	GENERAL NOTES - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL	M1.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL	M1.02E	ROOF PLAN - EVIDENCE/FIRING RANGE - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL	M5.01E	DETAILS - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL	M6.01E	SCHEDULES - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
MECHANICAL	M7.01E	CONTROLS - HVAC	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL					
ELECTRICAL	E0.01E	GENERAL NOTES - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E0.02E	FIXTURES SCHEDULE - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E1.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - LIGHTING	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E1.02E	PHOTOMETRICS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E2.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - POWER	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E3.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - FIRE ALARM	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E4.01E	ENLARGED PLANS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E4.02E	ROOF PLAN - EVIDENCE/FIRING RANGE - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E4.03E	MEZZANINE PLAN - EVIDENCE/FIRING RANGE - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E5.01E	RISER DIAGRAM - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E5.02E	FIRE ALARM RISER DIAGRAM - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E6.01E	DETAILS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E6.02E	DETAILS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E6.03E	DETAILS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E7.01E	SCHEDULES - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E7.02E	SCHEDULES - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E8.01E	EMERGENCY PHOTOMETRICS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
ELECTRICAL	E8.02E	CONTROLS - ELECTRICAL	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY					
TECHNOLOGY	T0.01E	GENERAL NOTES - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T1.01E	FLOOR PLAN - EVIDENCE/FIRING RANGE - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T2.01E	ENLARGED PLANS - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T3.01E	CONDUIT RISER DIAGRAM - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T3.02E	BDA RISER DIAGRAM - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T4.01E	DETAILS - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set
TECHNOLOGY	T4.02E	DETAILS - TECHNOLOGY	E	10/14/2025	90% Construction Documents/Permit Set

FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657.00_RBPD_A_R24.rvt
DATE STAMP: 10/23/2025 11:52:38 AM

CLIENT

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Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
JEANNIE LOHRUM
AR 96099
REGISTERED ARCHITECT

DRAWING HISTORY

№	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/22/2025	50% Construction Documents
D	9/18/2025	90% Construction Documents
E	10/14/2025	90% Construction Documents/Permit Set

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS/PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RIVIERA BEACH POLICE DEPARTMENT

PROJECT LOCATION
2121 AVENUE S.
RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
SHEET INDEX

SHEET NUMBER
G0.01E

PROJECT GRAPHIC STANDARDS

PROJECT SYMBOLS

- PLAN NORTH — PLAN NORTH / NORTH ARROW
- PLAN NORTH — TRUE NORTH / NORTH ARROW
- 78.0 — EXISTING POINT ELEVATION
- 79.0 — NEW OR FINISH POINT ELEVATION
- LEVEL POINT / DATUM POINT
- A230 — PARTITION TYPE
- 01100 — LEVEL / DOOR NUMBER
- 101 / RM NAME — ROOM NAME / NUMBER
- 1i / 1'-0" A.F.F. — CEILING TYPE / CEILING HEIGHT
- EXIT SIGN W/ DIRECTION SYMBOL
- MATCHLINE / SEE 1 / A101 — MATCHLINE / VIEW REFERENCE
- 1i — CURTAIN PANEL TAG
- W12 — WINDOW TAG
- M33.3 — WALL TAG
- L1 — LOUVER TAG
- ABC-111 — SPECIALTY EQUIPMENT TAG
- AB-1 — FURNITURE TAG
- 1 — REVISION TAG
- ? / ? — KEYNOTE TAG

FINISH KEYNOTES:

- F1 — FLOOR MATERIALS/FINISHES
- G1 — GLAZING MATERIAL/FINISH
- PT-1 — WALL MATERIALS/FINISHES
- 012233.A1 — MasterSpec KEYNOTE
- 012233.A1 / DESCRIPTION — MasterSpec KEYNOTE w DESCRIPTION

- 1 / A — COLUMN LINE REFERENCE
- A / A — EXISTING COLUMN LINE REFERENCE
- DETAIL NUMBER REFERENCE
- SHEET NUMBER
- 10 / A5.101 SIM — DETAIL NUMBER REFERENCE / SHEET NUMBER
- 1 / A101 SIM
- 1 / A101 / 1 / 1 / 1
- **EXTERIOR** ELEVATION NUMBER — 01 / A11.01 Ref — SHEET NUMBER REFERENCE
- **INTERIOR** ELEVATION NUMBER — 01 / A11.01 Ref — SHEET NUMBER REFERENCE
- 1 / A101 SIM — BUILDING SECTION REFERENCE
- 1 / A101 SIM
- CENTER LINE, & SYMBOL
- ABOVE LINE
- BEYOND LINE
- BREAK LINE
- 1t / - / 888888 — CASEWORK TYPE MARK; WIDTH, HEIGHT, DEPTH; WIDTH HEIGHT; COMMENTS
- SCALE

1 / A101

10 / A5.101 SIM

Name
Elevation

CONSTRUCTION TYPE SYMBOLS

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- NEW NON-RATED CONSTRUCTION
- NEW SMOKE RATED CONSTRUCTION (30 MIN)
- NEW 1 HR. RATED CONSTRUCTION
- NEW 2 HR. RATED CONSTRUCTION
- NEW 3 HR. RATED CONSTRUCTION

MATERIAL SYMBOLS - PLAN

- BRICK
- CONCRETE MASONRY UNIT
- CONCRETE
- CAST-IN-PLACE CONCRETE
- PRECAST CONCRETE
- STONE
- GRAVEL
- COMPACTED EARTH FILL
- SAND

MATERIAL SYMBOLS - DETAIL

- STEEL
- OTHER METALS
- BATT INSULATION
- RIGID INSULATION
- GYPSUM BOARD
- PLASTER ON LATHE
- PLYWOOD
- MDF BOARD
- FINISHED WOOD
- GLASS
- TILE
- CARPET
- ACOUSTICAL TILE
- CONTINUOUS WOOD BLOCKING
- WOOD SHIM
- GRAVEL
- CONCRETE
- SAND

RCP REFERENCE SYMBOLS

- RECESSED DOWNLIGHT
- WATERPROOF RECESSED DOWNLIGHT
- PENDANT LIGHT
- SURFACE MOUNTED CEILING LIGHT FIXTURE
- JUNCTION BOX
- WALL SCONCE
- WALL MOUNTED LIGHT
- SURFACE MOUNTED FLUORESCENT LIGHT
- UNDER CABINET LIGHT
- TRACK LIGHT
- CABLE TRACK LIGHT
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- WALL EXHAUST GRILLE
- WALL SUPPLY GRILLE
- ELECTRICAL PANEL
- CONTINUOUS AIR SUPPLY & RETURN SLOT
- SPRINKLER HEAD
- SD — SMOKE DETECTOR
- S — ALARM SPEAKER
- EXIT LIGHT
- WALL WASHERS
- ACCESS PANEL
- EXIT SIGNAGE WITH DIRECTION ARROW TO EXIT DOOR

RCP REFERENCE SYMBOLS - MECH

- BLDG. STND. SPRINKLER HEAD
- BLDG. STND. SLOT DIFFUSER
- BLDG. STND. LAY-IN SUPPLY AIR GRILLE
- BLDG. STND. LAY-IN RETURN AIR GRILLE
- EF — EXHAUST FAN

*REFER TO MEP DRAWINGS FOR ADDITIONAL INFO.

RCP REFERENCE SYMBOLS - LIGHTING

- EXISTING LIGHT FIXTURE TO REMAIN
- 2' x 4' FLUORESCENT LIGHT FIXTURE BUILDING STANDARD, UNO.
- 2' x 2' FLUORESCENT LIGHT FIXTURE BUILDING STANDARD, UNO
- RECESSED DOWNLIGHT
- RECESSED WALL WASHER
- WALL MOUNTED SCONCE RE: ELEVATIONS FOR MOUNTING HEIGHT
- EXIT SIGN FIXTURE BUILDING STANDARD, UNO
- FLUORESCENT STRIP LIGHT
- TRACK WITH LIGHT FIXTURE
- 1' x 4' OR 1' x 8' PENDANT FIXTURE
- CEILING MOUNTED PROJECTOR
- T-BAR SUSPENDED CEILING GRID SYSTEM RE: SHEET. A2.1.2 FOR ADDITIONAL INFORMATION.

MATERIAL SYMBOLS - OTHER

- CROSSHATCH [DRAFTING]
- DIAGONAL CROSSHATCH_D [DRAFTING]
- DIAG CROSSHATCH_D [DRAFTING]
- DIAG DOWN SMALL_D [DRAFTING]
- DIAG DOWN SMALL_D [DRAFTING]
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FILE NAME: Autodesk Docs:// 1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:28 PM

CLIENT

CITY OF RIVIERA BEACH
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Riviera Beach, FL 33404

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32750

REGISTRATION

STATE OF FLORIDA
JOHNNIE LOHRUM JR.
AR 96099
REGISTERED ARCHITECT

DRAWING HISTORY

№.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

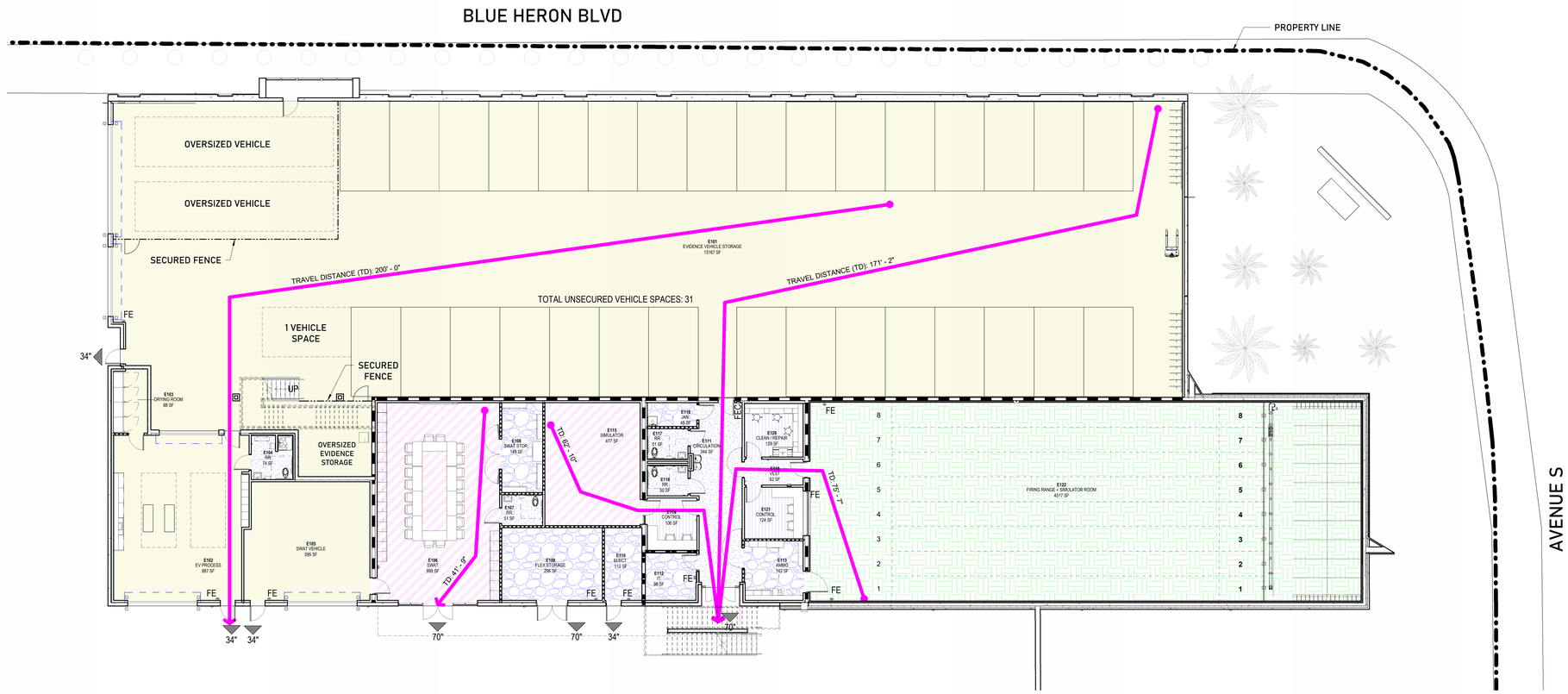
PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
GENERAL SYMBOLS, ABBREVIATIONS & INFORMATION

SHEET NUMBER
G0.02E



OVERALL FIRST FLOOR PLAN 3/32" = 1'-0" (1)

ROOM FUNCTION LEGEND

- BUSINESS AREA, (B, CONCENTRATED)
- BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)
- BUSINESS AREAS, (B. BUSINESS)
- LOW HAZARD STORAGE, (S-2)
- LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)
- SMALL ASSEMBLY, (B, BUSINESS)

SPECIAL FUNCTION*
FUNCTION OF THE FIRE RANGE IS CONTROLLED. A DEDICATED PERSONNEL, RANGE MASTER, ALSO AN INSTRUCTOR, CONTROLS AND MONITORS THE USE AND ENTRY OF THE SPACE. ALL ACCESS ARE PRE-SCHEDULED AND DETERMINED BEFORE ENTRY. EACH FIRING RANGE AISLE IS LIMITED TO 1 PERSON. THERE IS A TOTAL OF 8 LANES. THEREFORE, A TOTAL OF 8 PERSONS CAN TRAIN AT FULL CAPACITY. AN ADDITIONAL 1 INSTRUCTOR PER 2 TRAINEES IS REQUIRED. THEREFORE, 4 ADDITIONAL PERSONS FOR INSTRUCTORS ARE REQUIRED. THE TOTAL NUMBER OF ALLOWABLE PERSONS AT ONE TIME FOR FULL **OCCUPANCY IS 12 TOTAL PERSONS.**

LIFE SAFETY INFORMATION

PROJECT SUMMARY

THE PROJECT CONSISTS OF A SINGLE STORY EVIDENCE HOLDING FACILITY WITH A FIRING RANGE TRAINING FACILITY WITH CONFERENCE ROOMS AND SUPPORT SPACES. TOTAL BUILDING FOOTPRINT IS **22,568 GSF.**

EHPA / STORM SHELTER

THIS PROJECT **WILL NOT** BE CONSTRUCTED AS AN ENHANCED HURRICANE PROTECTION AREA (EHPA) OR A STORM SHELTER. IT IS CATEGORIZED AS A CRITICAL EMERGENCY OPERATION PER THE FLORIDA BUILDING CODE, 8TH EDITION UNDER CHAPTER 4, SECTION 423.3 CRITICAL EMERGENCY OPERATIONS, WHICH REQUIRES THE BUILDING TO BE RISK CATEGORY IV.

APPLICABLE CODES

THE APPLICABLE CODES AS REQUIRED BY THE CODE OF ORDINANCE OF THE CITY OF RIVIERA BEACH, FLORIDA (SEPTEMBER 6, 2024) WITHIN PALM BEACH COUNTY. PERTINENT SECTION ARE, BUT NOT LIMITED TO,
CHAPTER 6 - FIRE PROTECTION AND PROTECTION
CHAPTER 17 - SECURITY AND FIRE WARNING SYSTEMS
CHAPTER 19 - TRAFFIC AND MOTOR VEHICLES
CHAPTER 20 - UTILITIES
SUBPART B - LAND DEVELOPMENT CODE
CHAPTER 22 - BUILDINGS AND BUILDING REGULATIONS
CHAPTER 25 - FLOOD PLAIN MANAGEMENT
CHAPTER 27 - PLANNING
CHAPTER 28 - SIGNS
CHAPTER 28.5 - STORMWATER CONTROL
CHAPTER 31 - ZONING

APPLICABLE CODES

BUILDING:	FLORIDA BUILDING CODE, BUILDING - 8TH EDITION
FIRE / LIFE SAFETY:	FLORIDA FIRE PREVENTION CODE, 8TH EDITION
PLUMBING:	FLORIDA BUILDING CODE, PLUMBING, 8TH EDITION
MECHANICAL:	FLORIDA BUILDING CODE, MECHANICAL, 8TH EDITION
ELECTRICAL:	FLORIDA BUILDING CODE, CHAPTER 27, 8TH EDITION NFPA 70, NATIONAL ELECTRICAL CODE, 2018 EDITION NFPA 72, NATIONAL FIRE ALARM CODE, 2017 EDITION
ACCESSIBILITY:	FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION

AGENCIES HAVING JURISDICTION

BUILDING:	CITY OF RIVIERA BEACH, FL CODE OF ORDINANCE
FIRE / LIFE SAFETY:	CITY OF RIVIERA BEACH, FL , FIRE DEPARTMENT

CONSTRUCTION TYPE	TYPE II B CONSTRUCTION, FULLY SPRINKLERED
BUILDING HEIGHT (ACTUAL)	32 FT (1 STORY)
ALLOWABLE STORIES	4 (4 STORIES ALLOWABLE (SPRINKLERED) PER FBC TABLE 504.4)
ALLOWABLE HEIGHT	75 FT (75 FT ALLOWABLE (SPRINKLERED) PER FBC TABLE 504.3)
ALLOWABLE BUILDING AREA	92,000 SF PER STORY PER TABLE 506.2, SPRINKLERED SINGLE-STORY
ACTUAL BUILDING AREA	**22,568 GSF (1 STORY /32 FT MAX HEIGHT)**
ACTUAL BUILDING HEIGHT	**32 FT (1 STORIES)**

OCCUPANCY INFORMATION

OCCUPANCY USE / ROOM FUNCTION	FBC (SF)	NFPA (SF)	ALLOWABLE OCCUPANCY
BUSINESS (B)	150 GSF	150 GSF	6
BUSINESS (B), CONCENTRATED	50 GSF	50 GSF	7
BUSINESS (B), SMALL ASSEMBLY	15 GSF	15 GSF	99
BUSINESS (B), STORAGE / MECH.	300 GSF	300 GSF	6
LOW HAZARD STORAGE (S2)	200 GSF	200 GSF	74*
LOW HAZARD STORAGE (S2), SPECIAL FUNCTION*	200 GSF	200 GSF	12
		TOTAL ALLOWABLE BUILDING OCCUPANCY	**204 PERSONS**

OCCUPANCY CLASSIFICATION

FBC, BUILDING, 8TH EDITION, CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION IS A MIXED USE W/ PRIMARY FUNCTION: GROUP B - BUSINESS OCCUPANCY; OTHER OCCUPANCY USE ARE ASSEMBLY (A-3) AND LOW HAZARD USE (S-2) WITH SPECIAL FUNCTION.

OCCUPANCY LOAD FACTORS

FBC, BUILDING, 8TH EDITION, TABLE 1004.5, MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT / NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR.

DOOR EXIT WIDTHS (AS DESIGNED) (NOTE: FACTOR OF 0.2 INCHES ALLOWABLE WHEN BUILDING IS FULLY SPRINKLERED)	**EXIT WIDTH REQUIRED** 204 PERSON x 0.2" = 40.8"	**EXIT WIDTH AS DESIGNED** 206 INCHES
ALLOWABLE MAXIMUM EXIT ACCESS TRAVEL DISTANCE (FBC, TABLE 1017.2 & NFPA 101, 12.2.6.2(1))	BUSINESS, 300 FT W/ SPRINKLER ASSEMBLY, 250 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 250 FT SPRINKLERED	
ALLOWABLE EXIT COMMON PATH OF TRAVEL DISTANCE (FBC, TABLE 1006.2.1)	BUSINESS, 100 FT W/ SPRINKLER ASSEMBLY, 75 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 100 FT SPRINKLERED	
DEAD END CORRIDOR (FBC, 1020.4, EXCEPTION 2 & NFPA 101, 38.2.5.2.1)	BUSINESS, 50 FT W/ SPRINKLER ASSEMBLY, 20 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 50 FT SPRINKLERED	
NUMBER OF EXITS REQUIRED, (OCCUPANCY TYPE B)	PER FBC TABLE 1006.2.1 - 2 OR MORE FROM SPACE EXCEEDING 49 OCCUPANTS OR WHEN COMMON PATH OF TRAVEL EXCEEDS 100 FT PER FBC TABLE 1006.3.2 - 2 EXITS REQUIRED PER STORY FOR 1-500 OCCUPANTS	
MINIMUM DOOR WIDTH	32 INCHES	
MINIMUM CORRIDOR WIDTH	44 INCHES	

MINIMUM REQUIRED PLUMBING FIXTURES (FBC, TABLE 403.1, BUSINES OCCUPANCY)

BASED ON 194 OCCUPANTS

	PROVIDED	REQUIRED	RATIO
UNISEX, W.C.	4	4	1:25 FIRST 50 + 1:50 AFTERWARDS
UNISEX, LAVATORIES	4	3	1:40 FIRST 80 + 1:80 AFTERWARDS
DRINKING FOUNTAINS	2	1	1:100 (FBC, 410.3)

DISTANCE TO PUBLIC RESTROOMS (FBC 403.3.3)

1. SHALL BE ON AN ACCESSIBLE ROUTE, NOT BE MORE THAN 1 STORY ABOVE OR BELOW AND SHALL NOT EXCEED 500 FT TRAVEL DISTANCE. EXISTING AND PROPOSED CONDITIONS COMPLY.

DRINKING FOUNTAINS (FBC 410.3 SUBSTITUTION)

1. WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER COOLERS OR BOTTLED WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS.

FIRE RESISTANCE BY CONSTRUCTION TYPE (FBC, TABLE 601)

PRIMARY STRUCTURAL FRAME	0 HOURS
BEARING WALLS, EXTERIOR	0 HOURS
BEARING WALLS, INTERIOR	0 HOURS
NONBEARING WALLS, EXTERIOR	0 HOURS
NONBEARING WALLS, EXTERIOR	0 HOURS (PER TABLE 705.5, 10 ≤ X ≤ 30)
FLOOR CONSTRUCTION	0 HOURS (NOT APPLICABLE)
ROOF CONSTRUCTION	0 HOURS
CORRIDORS	0 HOURS
EXIT STAIRS	0 HOURS (NOT APPLICABLE)
FLOOR OPENINGS / SHAFTS	0 HOURS (NOT APPLICABLE)

OPENING PROTECTIVES IN FIRE RESISTANT CONSTRUCTION

CONSTRUCTION TYPE	FIRE RESISTANCE RATING
1-HOUR FIRE BARRIER	3/4 HOUR
2-HOUR FIRE BARRIER	1-1/2 HOUR
1-HOUR EXIT ENCLOSURE	1 HOUR
SMOKE PARTITION	1/3 HOUR

SEPARATION FROM HAZARDS

ROOM / AREA	FBC	NFPA
BUSINESS (B) / ASSEMBLY (A-3)	1 HR	1 HR
--	--	--

PER FBC, TABEL 508.4, REQUIRED SEPARATION OF OCCUPANCIES (HOURS)
PER NFPA 1, FIRE CODE, FLORIDA EDITION, TABLE 6.1.14.4.1(b)

(FS) = FULL SPRINKLERED, AUTOMATIC

SEPARATION FROM HAZARDS

ROOM / AREA	FIRE RESISTANCE RATING	STANDARD
BOILER / FURNACE ROOM	SMOKE PARTITION W/ SPRINKLER	NFPA 101
JANITOR CLOSETS	SMOKE PARTITION W/ SPRINKLER	NFPA 101
STORAGE ROOMS	SMOKE PARTITION W/ SPRINKLER	NFPA 101

INTERIOR FINISHES (FBC, TABLE 803.11)

ROOM & FINISH TYPE	FIRE RESISTANCE RATING
EXITS	CLASS B
EXIT ACCESS CORRIDORS	CLASS B
OTHER THAN EXITS	CLASS C
LOW HEIGHT PARTITIONS	CLASS C1
INTERIOR FLOOR FINISHES	PER FBC, SECTION 804
GENERAL ASSEMBLY AREAS (>300)	N/A
GENERAL ASSEMBLY AREAS (<300)	N/A

NOTES:
1. PARTITIONS NOT EXCEEDING 60 INCHES AND IN LOCATIONS OTHER THAN EXITS

LIFE SAFETY SYMBOLS

- NON-RATED PARTITION
- SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- TRAVEL DISTANCE TO EXIT
- 36" WIDTH OF EGRESS UNITS (IN)
- FEC FIRE EXTINGUISHER, CABINET
- FE FIRE EXTINGUISHER, WALL MOUNTED
- WALL SPEAKER / STROBE
- SPEAKER
- CEILING SPEAKER STROBE
- FIRE STROBE ONLY
- WALL MOUNTED EXIT LIGHT
- CEILING MOUNTED EXIT LIGHT
- CEILING MOUNTED SMOKE DETECTOR
- MANUAL PULL STATION

NOTE: NOT ALL ITEMS IN THIS LEGEND MAY BE USED.

LIFE SAFETY

ROOM NO.	ROOM NAME	NSF	OCCUPANCY USE / FUNCTION	OCCUPANCY FACTOR	ALLOWABLE OCCUPANCY
BUSINESS AREA, (B, CONCENTRATED)					
E114	CONTROL	106 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	2
E121	CONTROL	124 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	2
E120	CLEAN / REPAIR	129 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	3
		358 SF			7
BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)					
E109	FLEX STORAGE	296 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E110	ELECT.	112 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E108	SWAT STOR.	149 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E118	JAN.	48 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E112	IT	98 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E113	AMMO	142 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
		845 SF			6
BUSINESS AREAS, (B. BUSINESS)					
E107	RR	51 SF	BUSINESS AREAS, (B. BUSINESS)	15 SF	3
E104	RR	74 SF	BUSINESS AREAS, (B. BUSINESS)	200 SF	1
E116	RR	50 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	1
E117	RR	51 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	1
E111	CIRCULATION	344 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	0
E119	VEST	62 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	0
		633 SF			6
LOW HAZARD STORAGE, (S-2)					
E105	SWAT VEHICLE	595 SF	LOW HAZARD STORAGE, (S-2)	200 SF	3
E102	EV PROCESS	887 SF	LOW HAZARD STORAGE, (S-2)	200 SF	4
E101	EVIDENCE VEHICLE STORAGE	13167 SF	LOW HAZARD STORAGE, (S-2)	200 SF	66
E103	DRYING ROOM	88 SF	LOW HAZARD STORAGE, (S-2)	200 SF	1
		14737 SF			74
LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)					
E122	FIRING RANGE + SIMULATOR ROOM	4517 SF	LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)	200 SF	12
		4517 SF			12
SMALL ASSEMBLY, (B, BUSINESS)					
E106	SWAT	999 SF	SMALL ASSEMBLY, (B, BUSINESS)	15 SF	67
E115	SIMULATOR	477 SF	SMALL ASSEMBLY, (B, BUSINESS)	15 SF	32
		1476 SF			99
		22566 SF			204

PLAN NORTH

0 5" 10" 20" 30" 40"
3/32" = 1'-0" GRAPHIC SCALE

CLIENT
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FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT
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1678 Kingston Road
Longwood, FL
32750

REGISTRATION
STATE OF FLORIDA — LONNIE LOHRUM — AR 95898 — REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

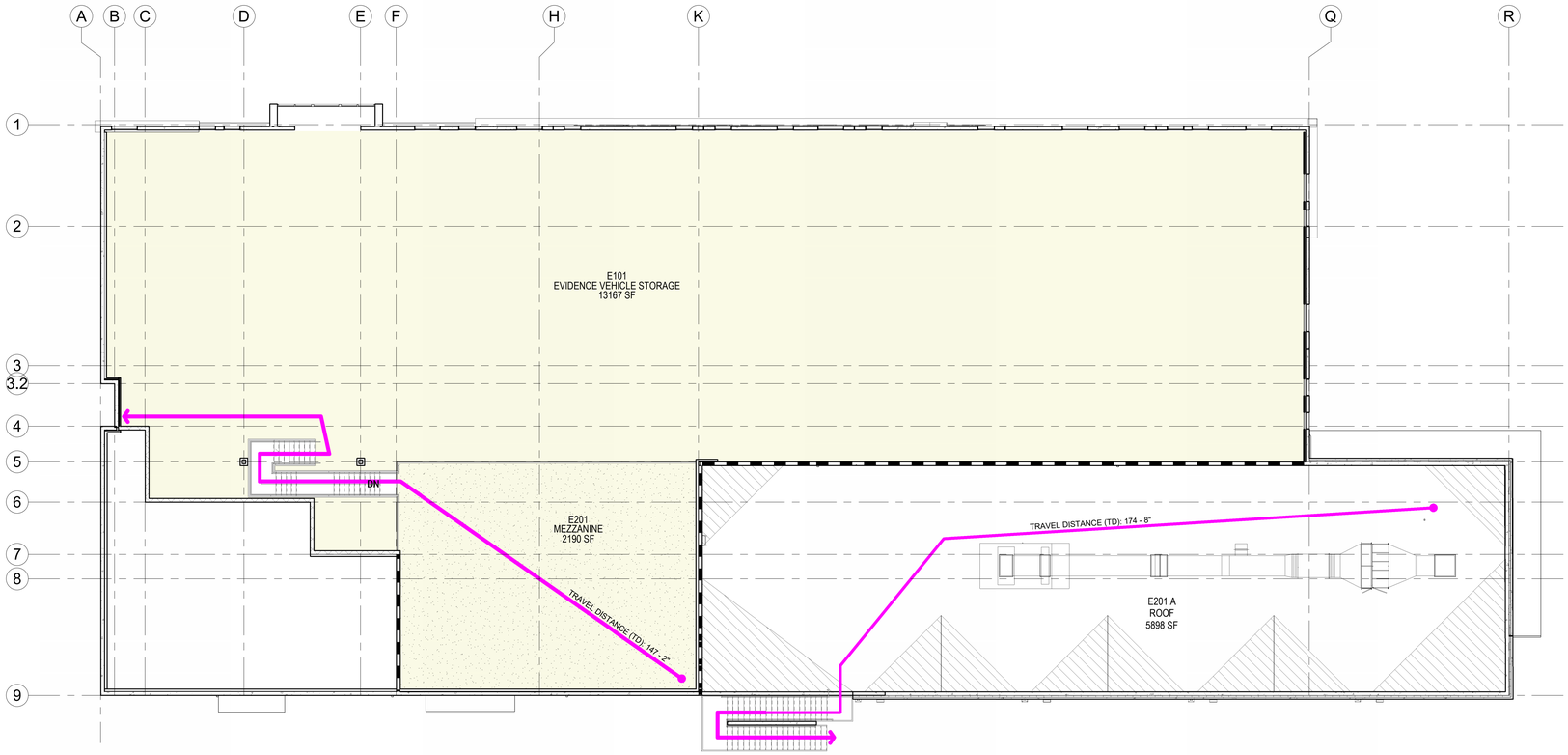
PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

SHEET TITLE
LIFE SAFETY

SHEET NUMBER
LS2.10E

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:30 PM



ROOM FUNCTION LEGEND

- LOW HAZARD STORAGE, (S-2)
- LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)
- SMALL ASSEMBLY, (B, BUSINESS)

MEZZANINE CALCULATION

OVERALL SQUARE FOOTAGE BEING SERVED:	13169 SF
1/3 OF OVERALL SQUARE FOOTAGE:	4340 SF
TOTAL OCCUPIABLE MEZZANINE SQUARE FOOTAGE:	2190 SF

*MEZZANINE DOES NOT EXCEED 1/3 SQUARE FOOTAGE OF SPACE BEING SERVED.

OVERALL FLOOR PLAN, MEZZANINE LIFE SAFETY 3/32" = 1'-0" (1)

LIFE SAFETY INFORMATION

PROJECT SUMMARY

THE PROJECT CONSISTS OF A SINGLE STORY EVIDENCE HOLDING FACILITY WITH A FIRING RANGE TRAINING FACILITY WITH CONFERENCE ROOMS AND SUPPORT SPACES. TOTAL BUILDING FOOTPRINT IS **22,568 GSF.**

EHPA / STORM SHELTER

THIS PROJECT **WILL NOT** BE CONSTRUCTED AS AN ENHANCED HURRICANE PROTECTION AREA (EHPA) OR A STORM SHELTER. IT IS CATEGORIZED AS A CRITICAL EMERGENCY OPERATION PER THE FLORIDA BUILDING CODE, 8TH EDITION UNDER CHAPTER 4, SECTION 423.3 CRITICAL EMERGENCY OPERATIONS, WHICH REQUIRES THE BUILDING TO BE RISK CATEGORY IV.

APPLICABLE CODES

THE APPLICABLE CODES AS REQUIRED BY THE CODE OF ORDINANCE OF THE CITY OF RIVIERA BEACH, FLORIDA (SEPTEMBER 6, 2024) WITHIN PALM BEACH COUNTY. PERTINENT SECTION ARE, BUT NOT LIMITED TO,
CHAPTER 6 - FIRE PROTECTION AND PROTECTION
CHAPTER 17 - SECURITY AND FIRE WARNING SYSTEMS
CHAPTER 19 - TRAFFIC AND MOTOR VEHICLES
CHAPTER 20 - UTILITIES
SUBPART B - LAND DEVELOPMENT CODE
CHAPTER 22 - BUILDINGS AND BUILDING REGULATIONS
CHAPTER 25 - FLOOD PLAIN MANAGEMENT
CHAPTER 27 - PLANNING
CHAPTER 28 - SIGNS
CHAPTER 28.5 - STORMWATER CONTROL
CHAPTER 31 - ZONING

APPLICABLE CODES

BUILDING:	FLORIDA BUILDING CODE, BUILDING - 8TH EDITION
FIRE / LIFE SAFETY:	FLORIDA FIRE PREVENTION CODE, 8TH EDITION
PLUMBING:	FLORIDA BUILDING CODE, PLUMBING, 8TH EDITION
MECHANICAL:	FLORIDA BUILDING CODE, MECHANICAL, 8TH EDITION
ELECTRICAL:	FLORIDA BUILDING CODE, CHAPTER 27, 8TH EDITION NFPA 70, NATIONAL ELECTRICAL CODE, 2018 EDITION NFPA 72, NATIONAL FIRE ALARM CODE, 2017 EDITION
ACCESSIBILITY:	FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION

AGENCIES HAVING JURISDICTION

BUILDING:	CITY OF RIVIERA BEACH, FL CODE OF ORDINANCE
FIRE / LIFE SAFETY:	CITY OF RIVIERA BEACH, FL , FIRE DEPARTMENT

CONSTRUCTION TYPE	TYPE II B CONSTRUCTION, FULLY SPRINKLERED
BUILDING HEIGHT (ACTUAL)	32 FT (1 STORY)
ALLOWABLE STORIES	4 (4 STORIES ALLOWABLE (SPRINKLERED) PER FBC TABLE 504.4)
ALLOWABLE HEIGHT	75 FT (75 FT ALLOWABLE (SPRINKLERED) PER FBC TABLE 504.3)
ALLOWABLE BUILDING AREA	92,000 SF PER STORY PER TABLE 506.2, SPRINKLERED SINGLE-STORY
ACTUAL BUILDING AREA	**22,568 GSF (1 STORY /32 FT MAX HEIGHT)**
ACTUAL BUILDING HEIGHT	**32 FT (1 STORIES)**

OCCUPANCY INFORMATION

OCCUPANCY USE / ROOM FUNCTION	FBC (SF)	NFPA (SF)	ALLOWABLE OCCUPANCY
BUSINESS (B)	150 GSF	150 GSF	6
BUSINESS (B), CONCENTRATED	50 GSF	50 GSF	7
BUSINESS (B), SMALL ASSEMBLY	15 GSF	15 GSF	99
BUSINESS (B), STORAGE / MECH.	300 GSF	300 GSF	6
LOW HAZARD STORAGE (S2)	200 GSF	200 GSF	74*
LOW HAZARD STORAGE (S2), SPECIAL FUNCTION*	200 GSF	200 GSF	12
		TOTAL ALLOWABLE BUILDING OCCUPANCY	**204 PERSONS**

OCCUPANCY CLASSIFICATION

FBC, BUILDING, 8TH EDITION, CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION IS A MIXED USE W/ PRIMARY FUNCTION: GROUP B - BUSINESS OCCUPANCY; OTHER OCCUPANCY USE ARE ASSEMBLY (A-3) AND LOW HAZARD USE (S-2) WITH SPECIAL FUNCTION.

OCCUPANCY LOAD FACTORS

FBC, BUILDING, 8TH EDITION, TABLE 1004.5, MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT / NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR.

DOOR EXIT WIDTHS (AS DESIGNED)	EXIT WIDTH REQUIRED	EXIT WIDTH AS DESIGNED
(NOTE: FACTOR OF 0.2 INCHES ALLOWABLE WHEN BUILDING IS FULLY SPRINKLERED)	204 PERSON x 0.2" = 40.8"	206 INCHES

ALLOWABLE MAXIMUM EXIT ACCESS TRAVEL DISTANCE (FBC, TABLE 1017.2 & NFPA 101, 12.2.6.2(1))	BUSINESS, 300 FT W/ SPRINKLER ASSEMBLY, 250 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 250 FT SPRINKLERED
ALLOWABLE EXIT COMMON PATH OF TRAVEL DISTANCE (FBC, TABLE 1006.2.1)	BUSINESS, 100 FT W/ SPRINKLER ASSEMBLY, 75 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 100 FT SPRINKLERED
DEAD END CORRIDOR (FBC, 1020.4, EXCEPTION 2 & NFPA 101, 38.2.5.2.1)	BUSINESS, 50 FT W/ SPRINKLER ASSEMBLY, 20 FT W/ SPRINKLER LOW HAZARD STORAGE (S-2), 50 FT SPRINKLERED
NUMBER OF EXITS REQUIRED, (OCCUPANCY TYPE B)	PER FBC TABLE 1006.2.1 - 2 OR MORE FROM SPACE EXCEEDING 49 OCCUPANTS OR WHEN COMMON PATH OF TRAVEL EXCEEDS 100 FT PER FBC TABLE 1006.3.2 - 2 EXITS REQUIRED PER STORY FOR 1-500 OCCUPANTS
MINIMUM DOOR WIDTH	32 INCHES
MINIMUM CORRIDOR WIDTH	44 INCHES

MINIMUM REQUIRED PLUMBING FIXTURES (FBC, TABLE 403.1, BUSINES OCCUPANCY)

BASED ON 194 OCCUPANTS

	PROVIDED	REQUIRED	RATIO
UNISEX, W.C.	4	4	1:25 FIRST 50 + 1:50 AFTERWARDS
UNISEX, LAVATORIES	4	3	1:40 FIRST 80 + 1:80 AFTERWARDS
DRINKING FOUNTAINS	2	1	1:100 (FBC, 410.3)

DISTANCE TO PUBLIC RESTROOMS (FBC 403.3.3)

1. SHALL BE ON AN ACCESSIBLE ROUTE, NOT BE MORE THAN 1 STORY ABOVE OR BELOW AND SHALL NOT EXCEED 500 FT TRAVEL DISTANCE. EXISTING AND PROPOSED CONDITIONS COMPLY.

DRINKING FOUNTAINS (FBC 410.3 SUBSTITUTION)

1. WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER COOLERS OR BOTTLED WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS.

FIRE RESISTANCE BY CONSTRUCTION TYPE (FBC, TABLE 601)

PRIMARY STRUCTURAL FRAME	0 HOURS
BEARING WALLS, EXTERIOR	0 HOURS
BEARING WALLS, INTERIOR	0 HOURS
NONBEARING WALLS, EXTERIOR	0 HOURS
NONBEARING WALLS, EXTERIOR	0 HOURS (PER TABLE 705.5, $10 \leq X \leq 30$)
FLOOR CONSTRUCTION	0 HOURS (NOT APPLICABLE)
ROOF CONSTRUCTION	0 HOURS
CORRIDORS	0 HOURS
EXIT STAIRS	0 HOURS (NOT APPLICABLE)
FLOOR OPENINGS / SHAFTS	0 HOURS (NOT APPLICABLE)

OPENING PROTECTIVES IN FIRE RESISTANT CONSTRUCTION

CONSTRUCTION TYPE	FIRE RESISTANCE RATING
1-HOUR FIRE BARRIER	3/4 HOUR
2-HOUR FIRE BARRIER	1-1/2 HOUR
1-HOUR EXIT ENCLOSURE	1 HOUR
SMOKE PARTITION	1/3 HOUR

SEPARATION FROM HAZARDS

ROOM / AREA	FBC	NFPA
BUSINESS (B) / ASSEMBLY (A-3)	1 HR	1 HR
--	--	--

PER FBC, TABEL 508.4, REQUIRED SEPARATION OF OCCUPANCIES (HOURS)
PER NFPA 1, FIRE CODE, FLORIDA EDITION, TABLE 6.1.14.4.1(b)

(FS) = FULL SPRINKLERED, AUTOMATIC

SEPARATION FROM HAZARDS

ROOM / AREA	FIRE RESISTANCE RATING	STANDARD
BOILER / FURNACE ROOM	SMOKE PARTITION W/ SPRINKLER	NFPA 101
JANITOR CLOSETS	SMOKE PARTITION W/ SPRINKLER	NFPA 101
STORAGE ROOMS	SMOKE PARTITION W/ SPRINKLER	NFPA 101

INTERIOR FINISHES (FBC, TABLE 803.11)

ROOM & FINISH TYPE	FIRE RESISTANCE RATING
EXITS	CLASS B
EXIT ACCESS CORRIDORS	CLASS B
OTHER THAN EXITS	CLASS C
LOW HEIGHT PARTITIONS	CLASS C[1]
INTERIOR FLOOR FINISHES	PER FBC, SECTION 804
GENERAL ASSEMBLY AREAS (>300)	N/A
GENERAL ASSEMBLY AREAS (<300)	N/A

NOTES:
1. PARTITIONS NOT EXCEEDING 60 INCHES AND IN LOCATIONS OTHER THAN EXITS

LIFE SAFETY SYMBOLS

- NON-RATED PARTITION
- SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- TRAVEL DISTANCE TO EXIT
- 36" WIDTH OF EGRESS UNITS (IN)
- FEC FIRE EXTINGUISHER, CABINET
- FE FIRE EXTINGUISHER, WALL MOUNTED
- WALL SPEAKER / STROBE
- SPEAKER
- CEILING SPEAKER STROBE
- FIRE STROBE ONLY
- WALL MOUNTED EXIT LIGHT
- CEILING MOUNTED EXIT LIGHT
- CEILING MOUNTED SMOKE DETECTOR
- P MANUAL PULL STATION

NOTE: NOT ALL ITEMS IN THIS LEGEND MAY BE USED.

LIFE SAFETY

ROOM NO.	ROOM NAME	NSF	OCCUPANCY USE / FUNCTION	OCCUPANCY FACTOR	ALLOWABLE OCCUPANCY
BUSINESS AREA, (B, CONCENTRATED)					
E114	CONTROL	106 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	2
E121	CONTROL	124 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	2
E120	CLEAN / REPAIR	129 SF	BUSINESS AREA, (B, CONCENTRATED)	50 SF	3
		358 SF			7
BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)					
E109	FLEX STORAGE	296 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E110	ELECT.	112 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E108	SWAT STOR.	149 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E118	JAN.	48 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E112	IT	98 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
E113	AMMO	142 SF	BUSINESS AREAS, (B, ACCESSORY STORAGE / MECHANICAL USE ROOMS)	300 SF	1
		845 SF			6
BUSINESS AREAS, (B. BUSINESS)					
E107	RR	51 SF	BUSINESS AREAS, (B. BUSINESS)	15 SF	3
E104	RR	74 SF	BUSINESS AREAS, (B. BUSINESS)	200 SF	1
E116	RR	50 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	1
E117	RR	51 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	1
E111	CIRCULATION	344 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	0
E119	VEST	62 SF	BUSINESS AREAS, (B. BUSINESS)	150 SF	0
		633 SF			6
LOW HAZARD STORAGE, (S-2)					
E105	SWAT VEHICLE	595 SF	LOW HAZARD STORAGE, (S-2)	200 SF	3
E102	EV PROCESS	887 SF	LOW HAZARD STORAGE, (S-2)	200 SF	4
E101	EVIDENCE VEHICLE STORAGE	13167 SF	LOW HAZARD STORAGE, (S-2)	200 SF	66
E103	DRYING ROOM	88 SF	LOW HAZARD STORAGE, (S-2)	200 SF	1
		14737 SF			74
LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)					
E122	FIRING RANGE + SIMULATOR ROOM	4517 SF	LOW HAZARD STORAGE, (S-2, SPECIAL FUNCTION)	200 SF	12
		4517 SF			12
SMALL ASSEMBLY, (B, BUSINESS)					
E106	SWAT	999 SF	SMALL ASSEMBLY, (B, BUSINESS)	15 SF	67
E115	SIMULATOR	477 SF	SMALL ASSEMBLY, (B, BUSINESS)	15 SF	32
		1476 SF			99
		22566 SF			204

PLAN NORTH

0 5' 10' 20' 30' 40'
3/32" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

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CONSTRUCTION MANAGER/BUILDER

CORE CONSTRUCTION
1641 Worthington Rd
West Palm Beach
FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
JEANNINE LORUM
AR 96288
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
LIFE SAFETY - MEZZANINE

SHEET NUMBER
LS2.15E

FILE NAME: Autodesk Docs// 1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:33 PM

THROUGH-PENETRATION FIRESTOP SYSTEM SCHEDULE

FIRESTOP SYSTEMS ARE LISTED USING THE ALPHA-ALPHA-NUMERIC IDENTIFICATION SYSTEM
PUBLISHED IN UL'S FIRE RESISTANT DIRECTORY, VOL. 2

	CONSTRUCTION							
	FLOOR PENETRATION SYSTEM (FIRST ALPHA COMPONENT = C or F)		WALL PENETRATION SYSTEM (FIRST ALPHA COMPONENT = C or W)					
	CONCRETE FLOORS WITH A MIN. THICKNESS LESS THAN OR EQUAL TO 5"	CONCRETE FLOORS WITH A MIN. THICKNESS GREATER THAN 5"	CONCRETE OR MASONRY WALLS		FRAMED GYPSUM WALLS		FRAMED GYPSUM SHAFT WALLS	
TYPE OF PENETRANT	1 HOUR MIN.	2 HOUR MIN.	1 HOUR	2 HOUR	1 HOUR	2 HOUR	1 HOUR	2 HOUR
NO PENETRATING ITEMS	F-A-0000 -0999 or C-AJ-0000 -0999	C-BJ-0000 -0999 or C-AJ-0000 -0999	W-J-0000 -0999 or C-AJ-0000 -0999	W-J-0000 -0999 or C-AJ-0000 -0999	W-L-0030	W-L-0030	N/A	N/A
METALLIC PIPE, CONDUIT OR TUBING	F-A-1000 -1999 or C-AJ-1000 -1999	F-B-1000 -1999 or C-BJ-1000 -1999	W-J-1000 -1999 or C-AJ-1000 -1999	W-J-1000 -1999 or C-AJ-1000 -1999	W-L-1000 -1999	W-L-1000 -1999	W-L-1000 -1999	W-L-1000 -1999
NONMETALLIC PIPE OR TUBING	F-A-2000 -2999 or C-AJ-2000 -2999	F-B-2000 -2999 or C-BJ-2000 -2999	W-J-2000 -2999 or C-AJ-2000 -2999	W-J-2000 -2999 or C-AJ-2000 -2999	W-L-2000 -2999	W-L-2000 -2999	W-L-2000 -2999	W-L-2000 -2999
COMMUNICATIONS CABLES	F-A3000 -3999 or C-BJ-3000 -3999	F-A3000 -3999 or C-BJ-3000 -3999	W-J-3000 -3999 or C-AJ-3000 -3999	W-J-3000 -3999 or C-AJ-3000 -3999	W-L-3000 -3999	W-L-3000 -3999	W-L-3000 -3999	W-L-3000 -3999
CABLE TRAYS WITH COMMUNICATIONS CABLES	F-A4000 -4999 or C-BJ-4000 -4999	F-A4000 -4999 or C-BJ-4000 -4999	W-J-4000 -4999 or C-AJ-4000 -4999	W-J-4000 -4999 or C-AJ-4000 -4999	W-L-4000 -4999	W-L-4000 -4999	N/A	N/A
INSULATED PIPES	F-A-5000 -5999 or C-AJ-5000 -5999	F-A-5000 -5999 or C-AJ-5000 -5999	W-J-5000 -5999 or C-AJ-5000 -5999	W-J-5000 -5999 or C-AJ-5000 -5999	W-L-5000 -5999	W-L-5000 -5999	W-L-5000 -5999	W-L-5000 -5999
MISCELLANEOUS MECHANICAL PENETRANTS	F-A-7000 -7999 or C-AJ-7000 -7999	F-A-7000 -7999 or C-AJ-7000 -7999	W-J-7000 -7999 or C-AJ-7000 -7999	W-J-7000 -7999 or C-AJ-7000 -7999	W-L-7000 -7999	W-L-7000 -7999	W-L-7000 -7999	W-L-7000 -7999
GROUPING OF PENETRATIONS	F-A-8000 -8999 or C-AJ-8000 -8999	F-A-8000 -8999 or C-AJ-8000 -8999	W-J-8000 -8999 or C-AJ-8000 -8999	W-J-8000 -8999 or C-AJ-8000 -8999	W-L-8000 -8999	W-L-8000 -8999	N/A	N/A

FOR EACH LOCATION WHERE A FIRE-RESISTANCE-RATED FLOOR OR WALL ASSEMBLY IS PENETRATED, PROVIDE A UL-LISTED THROUGH-PENETRATION FIRESTOP SYSTEM SELECTED FROM THE APPLICABLE UL NUMBER RANGE LISTED ABOVE THAT COMPLIES WITH SECTION --078400 -FIRESTOPPING-- AND IS SUITABLE FOR THE PENETRATION CONDITIONS INDICATED FOR THE PROJECT.

SYSTEM DESIGNATIONS

THE FIRST ALPHA COMPONENT IS ONE OF THREE LETTERS REPRESENTING THE TYPE OF PENETRATION:

LETTER CONSTRUCTION PENETRATED

F FLOOR PENETRATIONS

W WALL PENETRATIONS

C EITHER FLOOR OR WALL PENETRATIONS

THE SECOND ALPHA COMPONENT DESCRIBES THE TYPE OF CONSTRUCTION BEING PENETRATED AND CAN INCLUDE A SINGLE LETTER OR DUAL LETTERS:

LETTER DESCRIPTION

A CONCRETE FLOORS WITH A MINIMUM THICKNESS LESS THAN OR EQUAL TO 5 INCHES.

B CONCRETE FLOORS WITH A MINIMUM THICKNESS OF MORE THAN 5 INCHES.

C FRAMED FLOORS

D STEEL DECKS IN MARINE VESSELS

E FLOOR/CEILING ASSEMBLIES CONSISTING OFCONCRETE WITH MEMBRANE PROTECTION

F THRU INOT USED NOW

J CONCRETE OR MASONRY WALLS WITH A MINIMUM THICKNESS LESS THAN OR EQUAL TO 8 INCHES

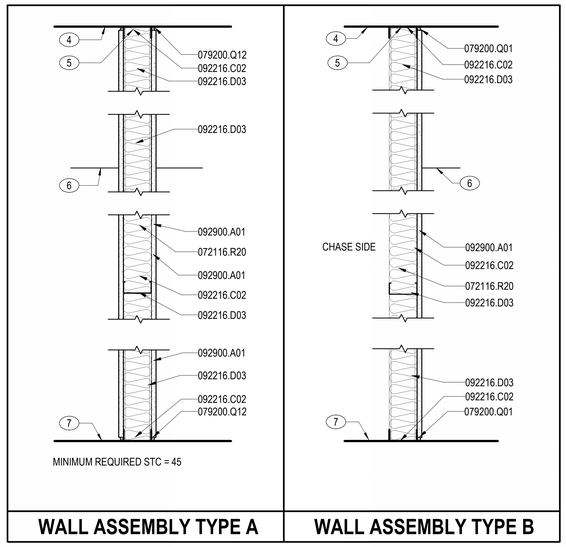
K CONCRETE OR MASONRY WALLS WITH A MINIMUM THICKNESS OF MORE THAN 8 INCHES

L FRAMED WALLS

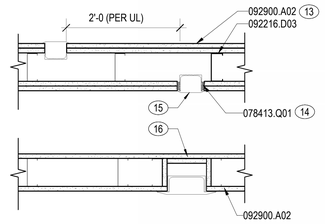
MBULKHEADS IN MARINE VESSELS

KEYNOTES:

1. FIRE RESISTANT OR SMOKE RATED FLOOR CONSTRUCTION.
2. FIRE RESISTANT OR SMOKE RATED WALL CONSTRUCTION.
3. PENETRANT - REFER TO SCHEDULE FOR TYPE.
4. THROUGH PENETRATION FIRE STOP SYSTEM - PROVIDE SYSTEM IN ACCORDANCE WITH FIRESTOP SCHEDULE.



WALL ASSEMBLY TYPE A | WALL ASSEMBLY TYPE B



PENETRATION DETAIL

NOT TO SCALE

ELECTRICAL JUNCTION BOXES IN RATED WALLS
TOP: ADJACENT ELECTRICAL BOXES
BOTTOM: SHALLOW FIVE SIDED BOX.

4 1 1/2" = 1'-0" **FIRE PENETRATION AT ELECTRICAL BOXES**

PARTITION TYPE NAMING CONVENTION

HEAD

A6AC.S

ASSEMBLY TYPE
STUD OR CMU SIZE
MODIFIERS
FIRE RATING

CEILING

PLAN

BASE

METAL STUD AND CMU SIZES
1 = 1 1/2" FURRING OR 1 5/8" STUD
2 = 2 1/2" STUD
3 = 3 5/8" STUD
4 = 4" STUD OR 4" CMU
6 = 6" STUD OR 6" CMU
7 = 7/8" FURRING
8 = 8" STUD OR 8" CMU

PARTITION MODIFIERS
A = SOUND ATTENUATION BATTS NOT REQUIRED

B = GLASS MAT FACED GYPSUM BOARD (092900.B01) ONE SIDE IN LIEU OF REGULAR GYPSUM BOARD

C = GLASS MAT TILE BACKER BOARD (092900.B04) ONE SIDE WHERE TILE IS SCHEDULED IN LIEU OF REGULAR GYPSUM BOARD

D = GLASS MAT FACED GYPSUM BOARD (092900.B01) ONE SIDE IN LIEU OF REGULAR GYPSUM BOARD, GLASS MAT TILE BACKER BOARD (092900.B04) OTHER SIDE WHERE TILE IS SCHEDULED IN LIEU OF REGULAR GYPSUM BOARD

E = GLASS MAT TILE BACKER BOARD (092900.B04) BOTH SIDES WHERE TILE IS SCHEDULED IN LIEU OF REGULAR GYPSUM BOARD

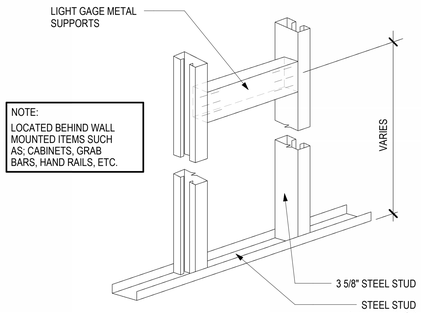
F= GLASS MAT FACED GYPSUM BOARD (092900.B01) BOTH SIDES IN LIEU OF REGULAR GYPSUM BOARD

G = ACOUSTICALLY ENHANCED GLASS MAT FACED GYPSUM BOARD (092900.C08) ONE SIDE IN LIEU OF ACOUSTICALLY ENHANCED GYPSUM BOARD

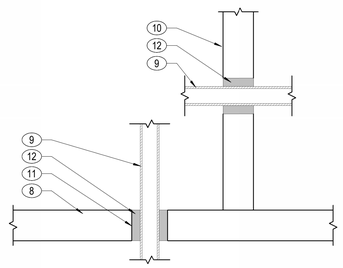
H= GYPSUM BD TO STOP 6" ABOVE CEILING.

J= WALL ASSEMBLY TO STOP 6" ABOVE CEILING. PROVIDE BRACING AS REQUIRED.

FIRE RATING
S = SMOKE RESISTIVE PARTITION
B = SMOKE BARRIER
1 = 1 HR FIRE BARRIER
2 = 2 HR FIRE BARRIER

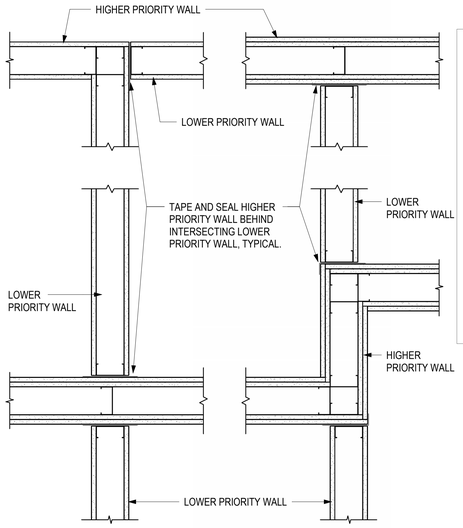


7 1/2" = 1'-0" **WALL BLOCKING DETAIL_TYP**



NOTE: SEE THROUGH-PENETRATION FIRESTOP SYSTEM SCHEDULE FOR SPECIFIC UL DESIGNATION AND DETAIL

6 1 1/2" = 1'-0" **THROUGH-PENETRATION FIRESTOP SYSTEM KEY**



WALL PRIORITY LEGEND

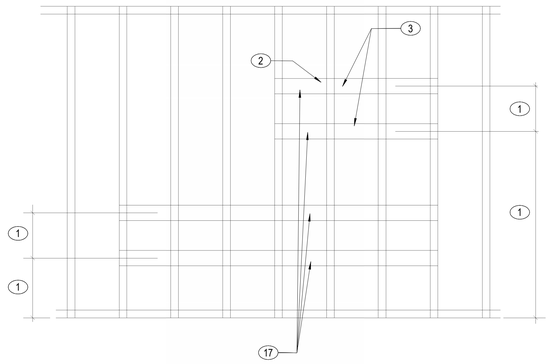
HIGHEST PRIORITY

1. FOUR HOUR RATED SMOKE WALL
2. FOUR HOUR RATED WALL
3. TWO HOUR RATED SMOKE WALL
4. TWO HOUR RATED SHAFT WALL
5. TWO HOUR RATED WALL
6. ONE HOUR RATED SMOKE WALL
7. ONE HOUR RATED HAZARDOUS WALL
8. ONE HOUR RATED WALL OR SHAFT
9. NON-RATED SMOKE TIGHT WALL AT HAZARDOUS AREAS
10. NON-RATED SMOKE TIGHT CORRIDOR WALL
11. NON-RATED WALL TO DECK
12. NON-RATED WALL TO 6" MIN. ABOVE CEILING
13. NON-RATED WALL CLOSING TO CEILING

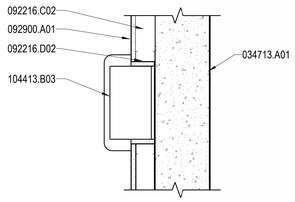
LOWEST PRIORITY

NOTE: SEE PARTITION TYPES FOR COMPONENTS OF WALLS, NUMBER OF LAYERS OF GYPSUM BOARD, TYPE OF GYPSUM BOARD, INSULATION, ETC.

5 1 1/2" = 1'-0" **WALL PRIORITIES**

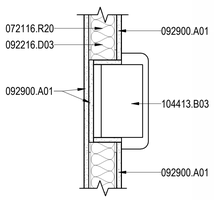


3 3/4" = 1'-0" **CASEWORK BACKING DETAIL**



NOTE: VERIFY CABINET OPENING SIZE AND DEPTH WITH APPLICABLE PRODUCT.

2 1 1/2" = 1'-0" **FIRE EXTINGUISHER CABINET**



NOTE: VERIFY CABINET OPENING SIZE AND DEPTH WITH APPLICABLE PRODUCT.

1 1 1/2" = 1'-0" **FIRE EXTINGUISHER CABINET**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B EXTEND FIRE RATED WALL CONSTRUCTION BEHIND RECESSED OR BUILT-IN EQUIPMENT SUCH AS FIRE EXTINGUISHER CABINETS (FEC), ELECTRICAL WATER COOLERS (EWC), ELECTRIC PANELS, ETC.

C PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL OR ELECTRICAL EQUIPMENT. REFER TO DETAIL 14/A0.11E.

D WHERE HVAC OR OTHER MECHANICAL, ELECTRICAL OR PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE, AND /OR ACOUSTICAL ISOLATION OF SPACES WITH APPROPRIATE FIRESTOP MATERIAL. REFER TO FIRE RATED PENETRATION DETAILS, SHEETS A0.10E AND A0.11E.

E THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS, EXCEPT WHERE SPECIFICALLY INDICATED. AT ACOUSTICALLY SENSITIVE AREAS, SUCH AS CONFERENCE ROOMS, OFFSET OUTLETS IN OPPOSITE SIDES OF THE WALL BY AT LEAST TWO STUD CAVITIES.

F WHERE "SEALANT" IS INDICATED ON WALL TYPES, PROVIDE ACOUSTICAL (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT AT RATED WALLS AS REQUIRED BY FIRE RATING TEST NUMBER.

G FOR RATED AND NON-RATED WALL PARTITION SLIP CONNECTION TO FLOOR OR ROOF DECK ABOVE SEE DETAILS ON SHEET A0.11E

H REFER TO STRUCTURAL NOTES FOR TYPICAL CMU WALL REINFORCEMENT AND LINTEL SIZES.

I REFER TO FINISH SCHEDULE SHEETS AF2.10E FOR WALL BASE TYPE, TILE TYPE, TILE HEIGHT AND OTHER MATERIALS APPLIED TO WALLS.

J PROVIDE GLASS MAT FACED GYPSUM BOARD TILE BACKER UNIT AT ALL WALLS THAT RECEIVE TILE.

K REFER TO UL ASSEMBLY LISTED FOR REQUIREMENTS NECESSARY TO ACHIEVE FIRE RATING.

L PROVIDE DRYWALL CONTROL JOINTS AT 30' MAX. JOINTS TO BE LOCATED AT NEAREST DOOR JAMB WHERE POSSIBLE.

M REFER TO SHEET A0.10E FOR TYPICAL RATED WALL PENETRATION DETAILS.

N PROVIDE GLASS MAT FACED GYPSUM BOARD AT THE FOLLOWING LOCATIONS UNO: WALLS AND CEILINGS OF TOILET ROOMS, JANITORS' CLOSETS, WITHIN 48 INCHES OF SINKS AND DRINKING FOUNTAINS, MECHANICAL ROOMS AND INTERIOR CLADDING OF EXTERIOR WALLS.

O FOR RATED AND NON-RATED WALL PARTITION CONNECTION TO FLOOR OR ROOF DECK ABOVE SEE DETAILS ON SHEET A0.11E

SHEET NOTES

1 LOCATE HORIZONTAL SUPPORT MEMBERS WHERE RECOMMENDED BY MANUFACTURER.
2 NOTCH BACK THE FLANGE LEGS AROUND EACH STUD SO THAT THE CHANNEL WEB CAN SIT FLUSH AGAINST THE METAL STUD FACE.
3 UPPER WALL CABINET SUPPORTS.
4 BOTTOM OF DECK.
5 SLIP TRACK, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
6 CEILING WHERE SCHEDULED ON FINISH SCHEDULE.
7 TOP OF SLAB.
8 FIRE RESISTANT OR SMOKE RATED FLOOR CONSTRUCTION.
9 PENETRANT. REFER TO THROUGHT-PENETRATION FIRESTOP SYSTEM SCHEDULE FOR TYPE.
10 FIRE RESISTANT RATED WALL CONSTRUCTION.
11 PROVIDE PIPE SLEEVE AT ALL FLOOR PENETRATIONS, WHERE AVAILABLE AS AN OPTION IN THE TESTED ASSEMBLY.
12 THROUGH PENETRATION FIRE STOP SYSTEM. PROVIDE SYSTEM IN ACCORDANCE WITH FIRE STOPPING SCHEDULE.
13 1HR OR 2HR FIRE RATED PARTITION IN ACCORDANCE WITH UL.
14 MAXIMUM 16 SQ. IN. MAXIMUM OPENINGS 100 SQ. IN/ 100SF.
15 TELEPHONE OR ELECTRICAL BOX.
16 LAMINATED BACK PIECE TO WALLBOARD.
17 PROVIDE HORIZONTAL CONTINUOUS METAL SUPPORT BRACING ACROSS METAL WALL STUDS BETWEEN AND FLUSH WITH FACE OF STUDS AT LOCATIONS OF ALL WALL HUNG CASEWORK.

MATERIAL LEGEND

034713.A01	TILT-UP CONCRETE WALL PANEL
072116.R20	SOUND ATTENUATION BATTS
078413.Q01	FIRESTOPPING SEALANT
079200.Q01	JOINT SEALANT
079200.Q12	ACOUSTICAL SEALANT
092216.C02	METAL STUD RUNNER TRACK
092216.D02	METAL STUD 2 1/2"
092216.D03	METAL STUD 3 5/8"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.A02	GYPSUM BOARD, FIRE RESISTANT 5/8"
104413.B03	FIRE EXTINGUISHER CABINET, SEMI-RECESSED

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 4" 1' 2' 3' 4' 5'
3/4" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

PGAL, Inc.
791 Park of Commerce Blvd.
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Boca Raton, FL 33487
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www.pgal.com

CONSTRUCTION MANAGER/BUILDER

CORE CONSTRUCTION
1641 Worthington Rd
West Palm Beach
FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA · JOHNNIE LORIUM JR. · AR 90299 · REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

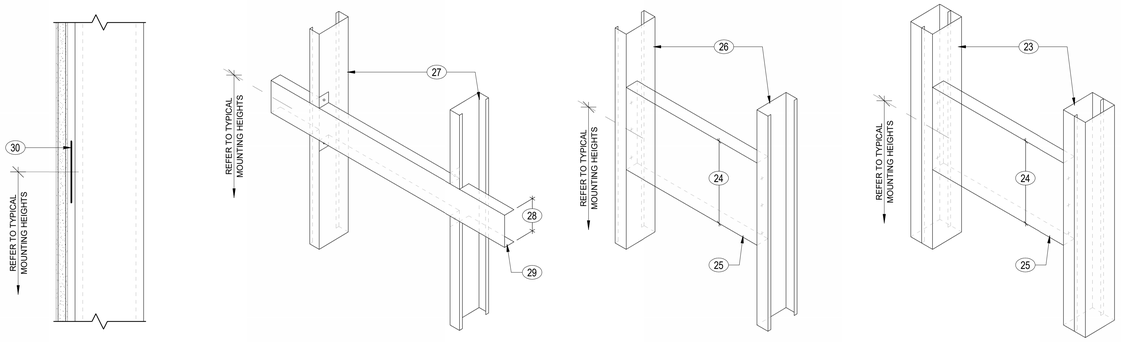
PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
PARTITION TYPES & DETAILS

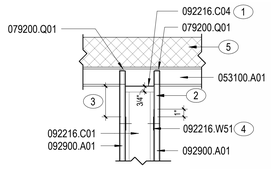
SHEET NUMBER
A0.10E

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:36 PM

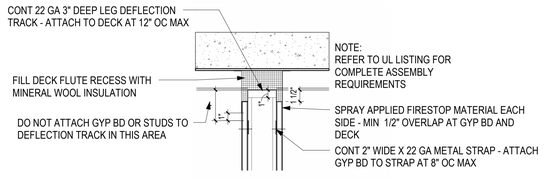


TYPE A TYPE B TYPE C TYPE D

14 3" = 1'-0" ACCESSORY/EQUIPMENT MOUNTING DETAILS

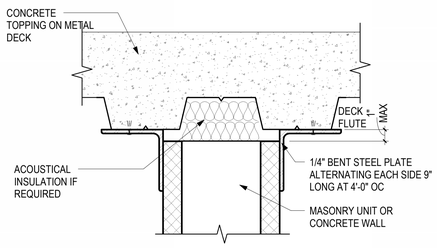


FLUTED STEEL DECK/CONCRETE FLOOR OR ROOF PREPENDICULAR OF DIAGONAL TO FLUTES



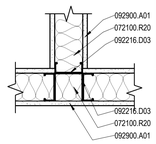
FLUTED STEEL DECK/CONCRETE FLOOR OR ROOF PERPENDICULAR OR DIAGONAL TO FLUTES - UL-HW-D-0107

8 3" = 1'-0" RATED PARTITION INTERSECTION

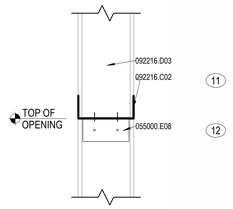


MASONRY PARTITION WALL - NON RATED

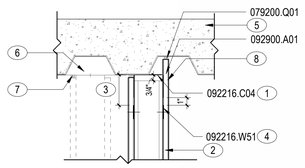
5 1 1/2" = 1'-0" INT. PLAN DETAIL



4 3" = 1'-0" SECTION DETAIL

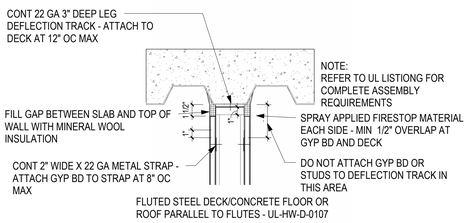


13 1 1/2" = 1'-0" NON-RATED OR SMOKE RESITSTANT



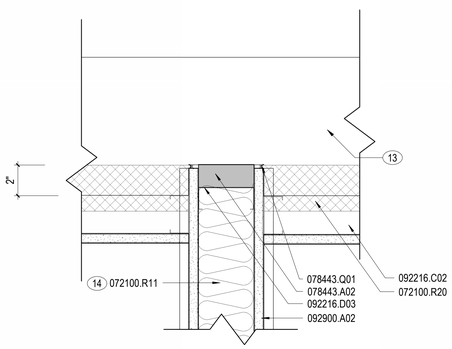
FLUTED STEEL DECK/CONCRETE FLOOR OR ROOF PARALLEL TO FLUTES

10 1 1/2" = 1'-0" 1 HR PARTITION HEAD

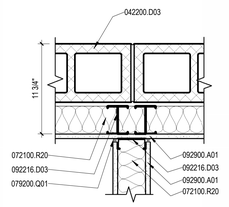


FLUTED STEEL DECK/CONCRETE FLOOR OR ROOF PARALLEL TO FLUTES - UL-HW-D-0107

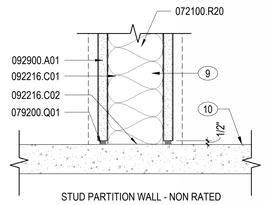
7 3" = 1'-0" HEAD OF WALL DETAIL



3 3" = 1'-0" TYP. SEALANT JOINT

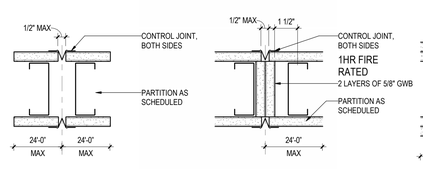


12 1 1/2" = 1'-0" NON-RATED OR SMOKE RESITSTANT



STUD PARTITION WALL - NON RATED

9 1 1/2" = 1'-0" 1 HR PARTITION HEAD

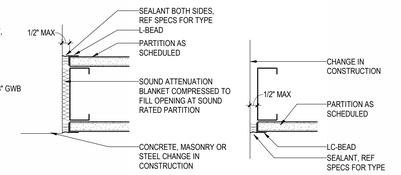


CONTROL JOINT IN GWB PARTITION

CONTROL JOINT IN 1 HR FIRE RATED PARTITION

CONTROL JOINT IN 2 HR FIRE RATED PARTITION

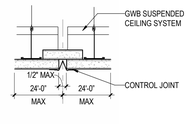
6 3" = 1'-0" RATED PARTITION AT EXT. WALL



CONTROL JOINT AT PARTITION INTERSECTION OR CHANGE IN CONSTRUCTION

CONTROL JOINT IN PARTITION AT NON-EXPOSED EDGE

2 1 1/2" = 1'-0" INT. PLAN DETAIL



CONTROL JOINT IN GYPSUM BOARD CEILING

ADDITIONAL NOTES:

1. BUILDING CODE REQUIRES THAT "SMOKE PARTITIONS" BE SEALED TO STRUCTURE AS INDICATED TO SUCCESSFULLY "LIMIT THE PASSAGE OF SMOKE".
2. CONDITIONS INDICATED TO SHOW DESIGN INTENT, AND NOT INTENDED TO BE PROPRIETARY. CONTRACTOR MAY EMPLOY SIMILAR UL-APPROVED CONTROL JOINTS DESIGNS THAT ARE APPROPRIATE FOR THE SPECIFIC CONDITION. JOINTS TO BE SIZED TO ACCOMMODATE MOVEMENT CAPABILITIES OF FIRESTOP ASSEMBLY.

11 3" = 1'-0" PARTITION SILL DETAIL

1 3" = 1'-0" GYPSUM WALLBOARD CONTROL JOINT DETAILS

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B EXTEND FIRE RATED WALL CONSTRUCTION BEHIND RECESSED OR BUILT-IN EQUIPMENT SUCH AS FIRE EXTINGUISHER CABINETS (FEC), ELECTRICAL WATER COOLERS (EWC), ELECTRIC PANELS, ETC.

C PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL OR ELECTRICAL EQUIPMENT. REFER TO DETAIL 14/A0.11E.

D WHERE HVAC OR OTHER MECHANICAL, ELECTRICAL OR PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE, AND /OR ACOUSTICAL ISOLATION OF SPACES WITH APPROPRIATE FIRESTOP MATERIAL. REFER TO FIRE RATED PENETRATION DETAILS, SHEETS A0.10E AND A0.11E.

E THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS, EXCEPT WHERE SPECIFICALLY INDICATED. AT ACOUSTICALLY SENSITIVE AREAS, SUCH AS CONFERENCE ROOMS, OFFSET OUTLETS IN OPPOSITE SIDES OF THE WALL BY AT LEAST TWO STUD CAVITIES.

F WHERE "SEALANT" IS INDICATED ON WALL TYPES, PROVIDE ACOUSTICAL (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT AT RATED WALLS AS REQUIRED BY FIRE RATING TEST NUMBER.

G FOR RATED AND NON-RATED WALL PARTITION SLIP CONNECTION TO FLOOR OR ROOF DECK ABOVE SEE DETAILS ON SHEET A0.11E

H REFER TO STRUCTURAL NOTES FOR TYPICAL CMU WALL REINFORCEMENT AND LINTEL SIZES.

I REFER TO FINISH SCHEDULE SHEETS AF2.10E FOR WALL BASE TYPE, TILE TYPE, TILE HEIGHT AND OTHER MATERIALS APPLIED TO WALLS.

J PROVIDE GLASS MAT FACED GYPSUM BOARD TILE BACKER UNIT AT ALL WALLS THAT RECEIVE TILE.

K REFER TO UL ASSEMBLY LISTED FOR REQUIREMENTS NECESSARY TO ACHIEVE FIRE RATING.

L PROVIDE DRYWALL CONTROL JOINTS AT 30' MAX. JOINTS TO BE LOCATED AT NEAREST DOOR JAMB WHERE POSSIBLE.

M REFER TO SHEET A0.10E FOR TYPICAL RATED WALL PENETRATION DETAILS.

N PROVIDE GLASS MAT FACED GYPSUM BOARD AT THE FOLLOWING LOCATIONS UNO: WALLS AND CEILINGS OF TOILET ROOMS, JANITORS' CLOSETS, WITHIN 48 INCHES OF SINKS AND DRINKING FOUNTAINS, MECHANICAL ROOMS AND INTERIOR CLADDING OF EXTERIOR WALLS.

O FOR RATED AND NON-RATED WALL PARTITION CONNECTION TO FLOOR OR ROOF DECK ABOVE SEE DETAILS ON SHEET A0.11E

SHEET NOTES

1 CONT 22 GA 3" DEEP LEG DEFLECTION TRACK ATTACH TO DECK AT 12" OC MAX
2 EXTEND AT MINIMUM ONE LAYER UP INTO FLUTE RECESS AND SEAL.
3 DO NOT ATTACH GYP BD OR STUDS TO DEFLECTION TRACK IN THIS AREA
4 CONT 2" WIDE X 22 GA MTL STRAP FOR TOP ATTACHMENT OF GYPSUM BOARD
5 CONCRETE LAYER OR ROOF SYSTEM.
6 WHEN PARTITION IS ALIGNED AT DECK FLUTE RECESS - PROVIDE A 6" X 10" X 22 GA MTL PLATE AT DECK FLUTE RECESS THAT IS CONTIGUOUS WITH PARTITION - ATTACH MTL PLATE TO DECK WITH POWDER DRIVEN FASTENERS AT SAME SPACING REQUIRED FOR PARTITION TOP TRACK.
7 SEAL ONE SIDE OF PARTITION AGAINST PASSAGE OF SMOKE
8 WHERE GYP BD IS CONCURRENT WITH DECK FLUTE RECESS EXTEND UP INTO RECESS AS SHOWN
9 PARTITION AS INDICATED.
10 FINISH FLOOR.
11 20 GA MTL TRACK
12 CLIP ANGLE - 20 GA X 1 1/2" X 1 1/2" X 3" FOR 3 5/8" STUDS AND 5" FOR 6" STUDS EACH SIDE
13 EXTERIOR WALL SYSTEM.
14 2 LAYERS ON BOTH SIDES AT 2HR RATED PARTITIONS.
15 DOOR LOCATION.
16 HOLLOW METAL FRAME.
17 JAMB STUDS.
18 LOWER PRIORITY PARTITION.
19 TAPE AND JOINT COMPOUND.
20 HIGHER PRIORITY PARTITION.
21 PARTITION TYPE AS SCHEDULED
22 LINE OF PARTITION.
23 MIN 20 GA MTL DOUBLE STUDS AT 16" OC TO ALLOW MOUNTING PLATE ATTACHMENT.
24 8" MIN DEEPER IF REQUIRED.
25 14 GA STL RUNNER TRACK-CLIP FLANGES AND FOLD WEB TO FORM ATTACHMENT FLANGE.
26 MIN 20 GA MTL STUDS FACING OPPOSITE DIRECTIONS TO ALLOW MOUNTING PLATE ATTACHMENT.
27 WALL STUDS.
28 3 5/8" MIN, DEEPER IF REQUIRED.
29 20 GA MTL RUNNER TRACK-CLIP FLANGES TO FIT OVER STUDS.
30 CONT 20 GA 4" WIDE MTL BACKING PLATE.

MATERIAL NOTES

042200.D03	CMU 8"
053100.A01	STEEL DECK
055000.E08	ALUMINUM CLIP ANGLE
072100.R11	BLANKET INSULATION, FACED
072100.R20	SOUND ATTENUATION BATTS
078443.A02	FIRESAFING SYSTEM
078443.Q01	FIRE STOPPING SEALANT
079200.Q01	JOINT SEALANT
092216.C01	METAL STUD
092216.C02	METAL STUD RUNNER TRACK
092216.C04	DEFLECTION/FIRESTOP TRACK
092216.D03	METAL STUD 3 5/8"
092216.W51	FLAT HANGER STRAP
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.A02	GYPSUM BOARD, FIRE RESISTANT 5/8"

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

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791 Park of Commerce Blvd.
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FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA — LYNNIE LONDRUM — AR 99289 — REGISTERED ARCHITECT

DRAWING HISTORY

№	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
PARTITION DETAILS

SHEET NUMBER
A0.11E

FILE NAME: Autodesk Docs://_1007657.00_-_CORE_-_City of Riviera Beach D/1007657_-_RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:41 PM

UL DESIGN NO. U419

Design No. U419
BXUV.U419
Fire Resistance Ratings - ANSI/UL 263

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

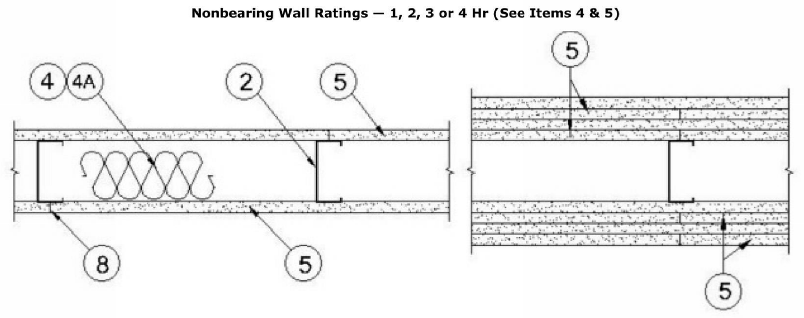
Fire Resistance Ratings - ANSI/UL 263

General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U419

August 06, 2012

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5)



1. **Floor and Ceiling Runners —** (Not shown) — For use with Item 2 - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* - Floor and Ceiling Runners —** Not shown - In lieu of Item 1 — For use with Item 2A, proprietary channel shaped, min. 3-5/8 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC max. Effective thickness is 0.034 in.

CLARKDIETRICH BUILDING SYSTEMS — UltraSTEEL®.

1B. **Framing Members* - Floor and Ceiling Runners —** (Not shown - In lieu of Item 1) — For use with Item 2A, proprietary channel shaped, min. 2-1/2 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling fasteners 24 in. OC. max. Effective thickness is 0.034 in.

CLARKDIETRICH BUILDING SYSTEMS — UltraSTEEL®.

1C. **Framing Members* - Floor and Ceiling Runner —** Not shown - In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

PHILLIPS MFG CO L L C — Viper25™ Track

TELLING INDUSTRIES L L C — Viper25™ Track

1D. **Framing Members* - Floor and Ceiling Runner —** Not shown - In lieu of Item 1 — For use with Item 2D, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

PHILLIPS MFG CO L L C — Viper20™ Track

TELLING INDUSTRIES L L C — Viper20™ Track

1E. **Framing Members*— Floor and Ceiling Runners —** (Not shown) — In lieu of Item 1 - Channel shaped, attached t floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1F. **Floor and Ceiling Runners —** (Not shown)—For use with Item 2B- Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1G. **Framing Members*— Floor and Ceiling Runners —** (Not shown, As an alternate to Item 1) — For use with Items 2F, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA BUILDING SUPPLIES — ProTRAK

SOUTHEASTERN STUD & COMPONENTS INC — ProTRAK

STEEL STRUCTURAL SYSTEMS L L C — Tri-S ProTRAK

1H. **Framing Members* - Floor and Ceiling Runner —** Not shown - In lieu of Item 1 — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

SUPER STUD BUILDING PRODUCTS — The Edge

1I. **Framing Members* - Floor and Ceiling Runner —** For use with Item 2H, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.

STUDCO BUILDING SYSTEMS — CROCSTUD Track

1J. **Floor and Ceiling Runners —** (Not shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100.

1K. **Framing Members*— Floor and Ceiling Runners —** (Not shown, As an alternate to Item 1) — For use with Items 2I, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Framing Members* - Steel Studs —** In lieu of Item 2 - Proprietary channel shaped studs, min. depth as indicated under Item 5, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Stuc to be cut 3/4 in. less than assembly height. Allowable use of studs is shown in the table below. For direct attachment of gypsum board only. Effective thickness is 0.034 in.

CLARKDIETRICH BUILDING SYSTEMS — UltraSTEEL®.

2B. **Steel Studs —** (As an alternate to Item 2, For use with Items 5B & 5E) Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2C. **Framing Members* - Steel Studs —** (As an alternate to Item 2, For use with Items 5C or 5I) - Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installe(with a ½ in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

PHILLIPS MFG CO L L C — Viper25™

TELLING INDUSTRIES L L C — Viper25™

2D. **Framing Members* - Metal Studs —** Not shown - In lieu of Item 2 — For use with Item 1D, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

PHILLIPS MFG CO L L C — Viper20™

TELLING INDUSTRIES L L C — Viper20™

2E. **Framing Members*— Steel Studs —** In lieu of Item 2 - For Use with Item 1E- Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2F. **Framing Members*— Steel Studs —** (Not shown, As an alternate to Item 2) —For use with Items 1G, 5F or 5G or 5I only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA BUILDING SUPPLIES — ProSTUD

SOUTHEASTERN STUD & COMPONENTS INC — ProSTUD

STEEL STRUCTURAL SYSTEMS L L C — Tri-S ProSTUD

2G. **Framing Members* - Metal Studs —** Not shown - In lieu of Item 2 — For use with Item 1H, proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2H. **Framing Members* - Steel Studs —** Not shown - In lieu of Item 2 - For use with Item 1I. Proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.

STUDCO BUILDING SYSTEMS — CROCSTUD

2I. **Framing Members*— Steel Studs —** (Not shown, As an alternate to Item 2) —For use with Items 1K, fabricated from

min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

3. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 Only.)- (Not Shown) - 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets* —** (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

4A. **Batts and Blankets* —** (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2D, 2E, 2G and 2H	Min Stud Depth, in. Item 2A	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	3-5/8	1 layer, 5/8 in. thick	Optional
1	2-1/2	3-5/8	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	3-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2-1/2	2 layers, 1/2 in. thick	Optional
2	1-5/8	2-1/2	2 layers, 5/8 in. thick	Optional
2	3-1/2	3-5/8	1 layer, 3/4 in. thick	3 in.
3	1-5/8	2-1/2	3 layers, 1/2 in. thick	Optional
3	1-5/8	2-1/2	2 layers, 3/4 in. thick	Optional
3	1-5/8	2-1/2	3 layers, 5/8 in. thick	Optional
4	1-5/8	2-1/2	4 layers, 5/8 in. thick	Optional
4	1-5/8	2-1/2	4 layers, 1/2 in. thick	Optional
4	2-1/2	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board* —** (Not Shown) - As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or ¾ in. thick products are specified. For direct attachment only to steel studs Item 2B, (not to be used with Item 3) - Nom 5/8 in. or ¾ in. may be used as alternate to all 5/8 in. or ¾ in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or ¾ in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).

RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board* —** (For Use With Item 2C) Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CGC INC — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX.

USG MEXICO S A DE C V — Type SCX.

5D. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.

UNITED STATES GYPSUM CO — Type USGX.

5E. **Gypsum Board* —** (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2B, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1G and 2F and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX.

5G. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1G and 2F only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge

joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2F	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board* —** (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2B, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board* —** (As an alternate to Item 5) - Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board* —** (Not Shown) - (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2B, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

6. **Fasteners —** (Not shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long

for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.**Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

6A. **Fasteners —** (Not shown) —For use with Item 2A - Type S or S-12 steel screws used to attach panels to studs (Item 2A). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8-1/2 in. OC with additional screws 1 in. and 2-1/2 in. from edges of the board when panels are horizontally. or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems applied vertically:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Two layer systems applied horizontally:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC starting 8 in. from each edge of the board with an additional screw placed 1-1/4 in. from each edge of the board. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC starting 8 in. from each edge of the board with an additional screw placed 1-1/4 in. from each edge of the board with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. For all layers, an additional screw shall be placed 1-1/4 in. from each edge of the board. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. For all layers, an additional screw shall be placed 1-1/4 in. from each edge of the board.

7. **Furring Channels —** (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E.

7A. **Framing Members* —** (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC — Types RSIC-1, RSIC-V.

7B. **Framing Members* —** (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members* —** Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 7). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the steel stud with min. 1 in. long Type S-12 steel screws through the center hole of the clip and the resilient channel flange.

KEENE BUILDING PRODUCTS CO INC — Type RC Assurance.

UL DESIGN NO. U905

Design No. U905
BXUV.U905
Fire Resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of U Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

General Information for Fire Resistance Ratings - ANSI/UL 263

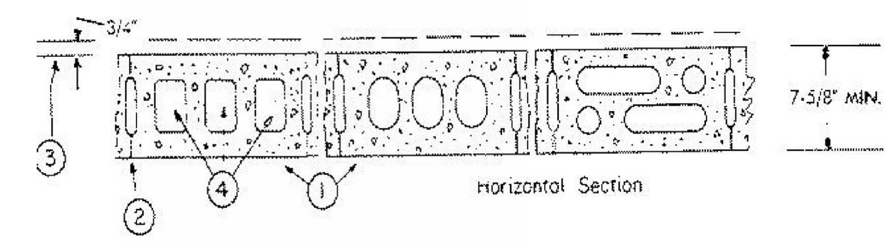
Design No. U905

September 30, 2010

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR

Load Restricted for Canadian Applications — See Guide BXUV7



1. **Concrete Blocks* —** Various designs. Classification D-2 (2 hr).

See **Concrete Blocks** category for list of eligible manufacturers.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. **Loose Masonry Fill —** If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to

classification.

5. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

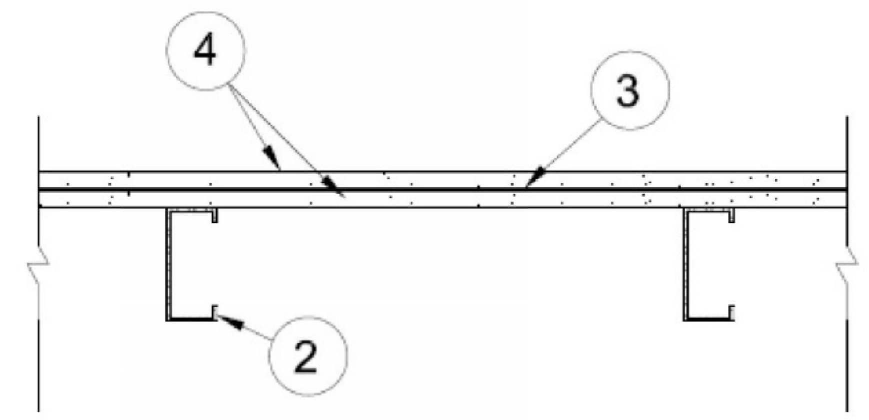
THE DOW CHEMICAL CO — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel and Thermax Heavy Duty Plus (HDP)

*Bearing the UL Classification Mark

UL DESIGN NO. V497

Design No. V497

Nonbearing Wall Rating - 1 Hr



1. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-5/8 in. wide, min 1-1/4 in. flanges, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

3. **Laminating Compound —** For use with Item 4 - Used to bond outer layer wallboard to inner layer wallboard. Powder type mixed with water in accordance with instructions shown on bags. Applied to entire surface of base layer wallboard. Applied with notched trowel producing continuous beads about 1/4 in. wide and 1/4 in. high.

4. **Gypsum Board* —** Applied to one side of steel studs (Item 2). Two layers of 5/8 in. gypsum panels with beveled, square or tapered edges. Gypsum panels applied vertically with joints centered over studs. Base layer applied with 1 in. Type S screws spaced 24 in. oc. Face layer applied vertically with joints centered over studs and offset from base layer joints by 24 in. Face layer applied with 1-5/8 in. Type S screws spaced 12 in. oc starting with a 6 in. offset from the bottom of the gypsum panel.

NATIONAL GYPSUM CO — 5/8 in. thick Type FSW, FSK, FSW-3, FSW-5, FSW-G, FSK-G, FSW-6, FSW-C, FSMR-C or FSK-C.

4A. **Gypsum Board* —** (As an alternate to Items 3 and 4) - Applied to one side of steel studs (Item 2). Three layers of 5/8 in. gypsum panels with beveled, square or tapered edges. Gypsum panels applied vertically with joints centered over studs. First layer applied with 1 in. Type S screws spaced 24 in. oc. Second layer applied vertically with joints centered over studs and offset from base layer joints by 24 in. Second layer applied with 1-5/8 in. Type S screws spaced 24 in. oc. Face layer applied vertically with joints centered over studs and offset from second layer joints by 24 in. Face layer applied with 2-1/4 in. Type S screws spaced 12 in. oc starting with a 6 in. offset from the bottom of the gypsum panel.

NATIONAL GYPSUM CO — 5/8 in. thick Type FSW, FSK, FSW-3, FSW-5, FSW-G, FSK-G, FSW-6, FSW-C, FSMR-C or FSK-C.

5. **Joint Tape and Compound —** (Not Shown) - Joints covered with joint compound and paper tape. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer panels.

*Bearing the UL Classification Mark

CONTINUED

CLIENT

CITY OF RIVIERA BEACH
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PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
JOHNNIE LOHRUM JR.
AR 96099
REGISTERED ARCHITECT

DRAWING HISTORY

№.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
UL ASSEMBLIES

SHEET NUMBER
A0.12E

FILE NAME: Autodesk Docs:// 1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:43 PM

UL DESIGN NO. D916

Design No. D916

May 16, 2013

Restrained Assembly Ratings — 3/4, 1, 1-1/2, 2 or 3 Hr.

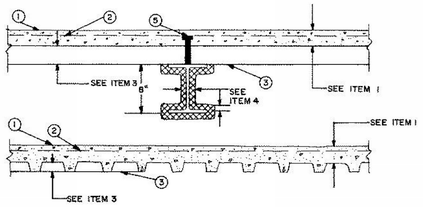
(See Items 1, 6, 7, 8 and 11)

Unrestrained Assembly Rating — 0 Hr. (See Items 3, 4 and 4A)

Unrestrained Beam Ratings — 1, 1-1/2, 2 and 3 Hr.

(See Items 4, 4A, 7 and 11)

Load Restricted for Canadian Applications — See Guide BXUV7



Supports — 8x28 min size steel beams. Or steel joists or joist girders (not shown), composite or noncomposite. Welded or bolted to end supports. Designed per S.J.I. specifications for a max tensile stress of 30 ksi. May be either uncoated or provided with a shop coat of paint. For the 2 h or less Restrained or Unrestrained Beam Ratings, top and bottom chords shall each consist of two angles with a min total area of 0.96 and 0.77 sq in., respectively. Web members shall be either round bars or angles. Min area of the end diagonal web shall be 0.444 sq in. Min area of each of the first six interior diagonal webs shall be 0.406 sq in. All other interior webs shall have a min area of 0.196 sq in. For the 3 h Restrained or Unrestrained Beam Ratings, each of the top and bottom chords shall each consist of two angles with a min total area of 1.74 sq in. Web members shall be either round bars or angles. Min area of each of the first five end diagonal webs shall be 0.886 sq in. All other interior webs shall have a min area of 0.441 sq in. Bridging per S.J.I. specifications is required when noncomposite joists are used. For noncomposite joists, steel filler pieces of proper size, 1 to 2 in. long shall be welded to and between the top chord angles at midway between all top chord panel points.

1. **Normal Weight or Lightweight Concrete —** Normal weight concrete carbonate or siliceous aggregate, 3500 psi compressive strength, vibrated. Lightweight concrete, expanded shale, or slate aggregate by rotary-kiln method, or expanded clay aggregate by rotary-kiln or sintered-grate method, 3000 psi compressive strength, vibrated, 4 to 7 percent entrained air.

Restrained Assembly Rating Hr	Concrete (Type)	Concrete Unit Weight pcf	Concrete Thkns In.
1	Normal Weight	147-153	3-1/2
1-1/2	Normal Weight	147-153	4
2	Normal Weight	147-153	4-1/2
3	Normal Weight	147-153	5-1/4
3/4 or 1 (See Item 6)	Lightweight	107-113	2-1/2
1	Lightweight	107-120	2-5/8
1-1/2	Lightweight	107-113	3
2	Lightweight	107-113	3-1/4
2	Lightweight	107-116	3-1/4*
2	Lightweight	114-120	3-1/2
3	Lightweight	107-113	4-3/16
3	Lightweight	114-120	4-7/16

*For use with 2 or 3 in. steel floor and form units only.

2. **Welded Wire Fabric —** 6 x 6, 10 x 10 SWG.

3. **Steel Floor and Form Units* —** Composite 1-1/2, 1-5/8, 2 or 3 in. deep galv units or 4-1/2 in. deep noncomposite galvanized units. Fluted units may be uncoated or phosphatized/painted. Min gauges are 22 MSG for fluted and 20/20 MSG for cellular units. The following combinations of units may be used:

(1) all 18, 24, 26, 28 or 36 in. wide cellular.

(2) all fluted.

(3) one or two 3 in. deep, 12 in. wide, 18/18 MSG min cellular units, alternating with 3 in. deep fluted or other cellular.

(4) any blend of fluted and 18, 24, 26, 28, or 36 in. wide cellular.

(5) 3 in. deep, 30 in. wide cellular with 8-1/8 in. wide valley along side joints may be used when 3/8 in. diam reinforcing bars are placed 1-1/2 in. to each side of side joints and 1 in. above bottom of unit.

(6) Corrugated, 1-5/16 in. deep, 30 in. wide, 24 MSG min galv units with shear wires factory welded to deck corrugations. Welded to supports 12 in. OC. through welding washers. For shear wire spacing of 8 in. or less the steel deck stress shall not exceed 20 KSI. For shear wire spacing greater than 8 in. OC. but less than or equal to 12 in. OC., steel deck stress shall not exceed 12 KSI.

ASC STEEL DECK, DIV OF ASC PROFILES INC — 24, 30, or 36 in. wide, Types B Hi-Form, BF Hi-Form, N Hi-Form, NF Hi-Form, 2W Hi-Form, 2WF Hi-Form, 3W Hi-Form, 3WF Hi-Form BR Hi-Form, BMOD Hi-Form, BRMOD Hi-Form, DGB Hi-Form, DGBF Hi-Form, DGN Hi-Form, DGN32 Hi-Form, DGNF Hi-Form, DGNF32 Hi-Form, DG2W Hi-Form, DG2WF Hi-Form, DG3W Hi-Form, and DG3WF Hi-Form; 32 in. wide Type N-32, NF32, DGN-32, DGNF32; 24 or 30 in. wide Types ASC2 or ASC3. All units may be galvanized or Prime Shield.

CANAM STEEL CORP — 36 in. wide Type P-3623, P-3606, P-3615 and 24 in wide Type P-2432 composite.

CENTRIA — QL Types, 24 in. wide 3 or 3 inverted, UKX, UKX-3, 2 in. 99, AKX, 21 or 21 inverted, 121, NKX, TKX; 24 or 30 in. wide GKX, GKXH, GKX-A; 36 in. wice 99, AKX, WKX; 24, 26, or 36 in. wide NKX; 1.5NKC, NKC, AKX, 2 or 3 in. TKC; 12 in. wide noncomposite Sec. 12; 17 in. wide 21; 26 or 28 in. wide UKX, 87.5 cm wide. Side Joints of QL, 99, 121, WKX, TKX, TKC, and Metric units - QL-77-900; QLC-78-900 may be welded together 60 in. OC. Side joints of 99, AKX, WKX, GKX, GKX-A, TKX and Metric units - QL-77-900 and QLC-78-900 may be fastened together with min 1 in. long No. 12x14 self-drilling, self-tapping steel screws 36 in. OC.

CHIA TEH CONSTRUCTION MATERIAL CO LTD — 24 or 36 in. wide Mac-Lok 3; 24 in. wide CFD-3.

CANAM STEEL CORP — 24 in. wide, Types 1-1/2 , 2 or 3 in. LOK-Floor and LOK-Floor Cell; 36 in. wide, Types 2 or 3 in. LOK-Floor and LOK-Floor Cell; 24 in. wide, Types N-LOK and N-LOK Cell; 24, 30 or 36 in. wide, Type 1-1/2 in. B-LOK and B-LOK Cell.

CONSOLIDATED SYSTEMS INC — 24 in. wide Types CFD-2, CFD-3; 24, 30 or 36 in. wide Type CFD-1.5; 24 or 36 in. wide Types Mac-Lok 2, Mac-Lok 3; 24 in. wide, Types B2C, B2FC, NC, NFC; 30 in. wide Type B3C; 12 in. wide Mac-Way cellular 45 MOW, 2-633 MTWA, 3-633 MTWA, 2-633MTWV, 3-633MTWV+, 24 in. wide Type Versa-Dek.

DECK WEST INC — 36 in. wide Type B-DW, Inverted B-DW, BA-DW, Inverted BA-DW, 2-DW or 3-DW. Side Joints of Type 2-DW and 3-DW may be fastened together with min 1 in. long No. 12 x 14 self-drilling, self-tapping steel screws 36 in. OC.

DESIGN ASSISTANCE CONSTRUCTION SYSTEMS INC — 36 in. wide Type DACS1.5CD, or 24 in. wide Type DACS2.0CD, or DACS3.0CD.

EPIC METALS CORP — 24 in. wide Types EC150, ECP150, EC300, ECP300, EC366, ECP366, EC150, EC300 inverted, ECA, 30 in. wide Types ECB150, ECBR150; 36 in. wide Type EC266.

GENS METALS INC — 24 or 36 in. wide Types LF2, LF3.

MARLYN STEEL DECKS INC — Type 1.5 CF, 2.0 CF or 3.0 CF.

HAMBRO STRUCTURAL SYSTEMS, DIV OF CANAM STEEL CORP — 36 in. wide, 1-1/2 in. Type P3615HB. The max superimposed loadings for Type P3615HB units shall not exceed 250 PSF. For single spans, the use of the units shall be limited to 5 ft 6 in., 6 ft 0 in. and 6 ft 6 in. max spans for the 22, 20 and 18 gauge units, respectively. For multiple spans, 18 gauge units may be used on a max 7 ft 6 in. spans with a max total superimposed loading of 240 PSF.

KAM INDUSTRIES LTD, DBA CORDECK — 24 in. wide, Types 2 or 3 in. WDR.

MORIN CORP — 24, 30 or 36 in. wide Types LXR-B, LXR-B inverted; 24 or 36 in. wide Type LXR-3W; 36 in. wide Type LXR-2W.

NEW MILLENNIUM BUILDING SYSTEMS L L C — Type 1.5CD, 1.5CDI, 1.5CDR, 2.0CD, or 3.0CD. Units may be phos/painted or galvanized.

ROOF DECK INC — 36 in. wide Types LOK 1 1/2, LOK 1 1/2 R; 24 in. wide Types LOK-2, LOK-3.

VALLEY JOIST — 24 or 36 in. wide Types WVC 1-1/2 or WVC 2.

VERCO DECKING INC - A NUCOR CO — 24, 30 or 36 in. wide Types PLB, B, BR; 24 or 36 in. wide Types PLW2, W2, PLW3, W3; 24 in. wide Types PLN, N. 12 in. wide PLW2, W2, PLW3 or W3 units may be blended with 24 or in. wide PLW2, W2, PLW3 or W3 units, respectively. Units may be phos/ptd.

VICWEST INC — 24 in. wide Type HB306; 32 in. wide Types HB308-INV and HB30V; 36 in. wide Types H8938, HB938CL and HB938-INV.

VULCRAFT, DIV OF NUCOR CORP — 24, 30 or 36 in. wide, Types 1.5VL, 1.5VLI, 1.5VLP, 1.5VLR; 24 or 36 in. wide, Types 1.5VLPA, 2VLI, 3VLI, 3VLP, 3VLPA, 3VLPA. Side joints of Type 1.5VL may be fastened together with min 1 in. long No. 12x14 self-drilling, self-tapping steel screws 36 in. OC max.

Spacing of welds attaching units to supports shall be 12 in. OC for 12, 24, and 36 in. wide units, four welds per sheet for 30 in. wide units, 6 in. OC for 18 in. wide and Sec. 12 units. Unless noted otherwise, adjacent units button-punched or welded together 36 in. OC along side joints. Adjacent 18 in. wide units welded together 30 in. OC along side joints. For **3 Hr. Rating,** units with overlapping type side joints welded together 24 in. OC max.

When a superimposed load of 250 PSF is desired the spacing of welds or button-punches shall not exceed 24 in. OC along side joints.

+12 in. wide, 1-1/2 in. deep Mac-Way units may be blended with 24 in. wide B2C or 30 in. wide B3C units in a blend of one cell to one or more fluted units. 12 in. wide, 2 in. deep Mac-Way units may be blended with 36 in. wide Mac-Lock 2 units in a blend of one cell to one or more fluted units. 12 in. wide, 3 in. deep Mac-Way units may be blended with 36 in. wide Mac-Lock3 units in a blend of one cell to one or more fluted units. The side edge of the fluted unit is placed on the top of the side edge of the Mac-Way unit and the two are welded together with welding washers spaced a max. of 32 in. OC for Mac-Lock 2 or 3 units and a max. of 24 in. OC for the B2C or B3C units.

The Unrestrained Assembly Rating is equal to the Unrestrained Beam Rating for a max of 3 Hr. and is limited to the following units and limitations:

(a) 1-1/2 in. deep, 24 in. wide, 22 MSG or thicker fluted with clear spans not more than 7 ft 8 in.

(b) 1-1/2 in. deep, 24 in. wide, 20 MSG or thicker fluted with clear spans not more than 8 ft 8 in.

(c) 1-1/2 in. deep, 24 in. wide, 16 MSG or thicker fluted and 18/18 MSG or thicker cellular with clear spans not more than 9 ft 11 in.

(d) 3 in. deep, 36 in. wide, 18 MSG or thicker fluted and 24 in. wide, 20/18 MSG or thicker cellular with clear spans not more than 13 ft 2 in.

4. **Spray-Applied Fire Resistive Materials* —** Applied by mixing with water and spraying in one or more coats to a final thickness as shown in the tables below, in the tables below to steel beam surfaces which must be clean and free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf respectively. Min avg and min ind density of 19/18 pcf respectively for Type 7GP and 7HD. For method of density determination, refer to Design Information Section.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Spray Applied Fire Resistive Mtl Thkns on Beam In.
1	1	1	1/2
1-1/2	1	1	1/2
1-1/2	1-1/2	1-1/2	13/16
2	1	1	1/2
2	2	2	1-1/16
3	1-1/2	1-1/2	13/16
3	3	3	1-9/16

The thicknesses of Spray-Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced by 1/2 that shown in the table:

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Spray Applied Fire Resistive Mtl Thkns on Beam In.
1	1	1	9/16
1-1/2	1	1	9/16
1-1/2	1-1/2	1-1/2	7/8
2	1	1	9/16
2	2	2	1-3/16
3	1-1/2	1-1/2	7/8
3	3	3	1-3/4

The thicknesses of Spray-Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced by 1/2 that shown in the table and the beams are supporting all fluted floor or form units w/lightweight concrete only:

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Spray Applied Fire Resistive Mtl Thkns on Beam In.
1	1	1	7/16+
1-1/2	1	1	7/16+
1-1/2	1-1/2	1-1/2	3/4
2	1	1	7/16+
2	2	2	1
3	1-1/2	1-1/2	3/4
3	3	3	1-9/16

+Thickness applied to beams' lower flange edge to be 1/4 in. min.

The thickness of material required on the steel joist for the various ratings are shown in the following table:

Restrained or Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Spray Applied Fire Resistive Mtl Thkns on Joist & Bridging In.
1	1	1-1/8
1-1/2	1-1/2	1-3/4
2	2	2-1/4
3	3	2-7/8

W R GRACE & CO - CONN — Types Z- 105, Z-106, Z-106/G, Z-106/HY, Monokote Acoustic 5.

GRACE KOREA INC — Types Z-106, Z-106/G, Z-106/HY, Monokote Acoustic 5.

SOUTHWEST FIREPROOFING PRODUCTS CO — Types 7GP, 7HD.

4B. **Alternate Spray-Applied Fire Resistive Materials —** Applied by mixing with water and spraying in one or more coats to a final thickness as shown in the tables below to steel beam surfaces which must be clean and free of dirt, loose scale and oil. The thicknesses shown in the table below are applicable to beams supporting all fluted floor or form units. Min avg and min ind density of 40/36 pcf, respectively. Min avg and min ind density of 40/36 pcf respectively for Types Z-146, Z-146PC and Z-146T cementitious mixture. Min avg and min ind density of 50/45 pcf respectively for Types Z-156, Z-156T and Z-156PC.

For density determination refer to Design Information Section.

Unrestrained Beam Rating Hr	Restrained Assembly Rating Hr	Concrete Type	Spray Applied Fire Resistive Mtl Thkns on Beam In.
1	1, 1-1/2, 2	LW	9/16
1-1/2	1, 1-1/2, 2, 3	LW	7/8
1	1, 1-1/2, 2	LW	3/4
1-1/2	1, 1-1/2, 2, 3	LW	1

GRACE KOREA INC — Type Z-146 investigated for exterior use

W R GRACE & CO - CONN — Types Z-146, Z-146T, Z146PC, Z-156, Z-156T and Z-156PC investigated for exterior use

5. **Shear-Connector Studs — Optional —** Studs 3/4 in. diam by 3 in. long, for 1-1/2 in. deep form units to 5-1/4 in. long for 3 in. deep form units, headed type or equivalent per AISC specifications. Welded to the top flange of the beam through the steel form units.

6. **Electrical Inserts —** (Not shown) Classified as **"Outlet Boxes and Fittings Classified for Fire Resistance."**

CENTRIA — Preset Inserts

For use with 2-1/2 in. lightweight concrete topping over QL-WKX steel floor units. Installed over factory-punched holes in floor units per accompanying installation instructions.

Spacing shall not be more than one insert in each 14 sq ft. of floor area with spacing along floor units not less than 48 in. OC. The holes cut in insert cover for passage of wires shall be no more than 1/8 in. larger diam. than wire. Restrained Assembly Rating is 3/4 hr with Tapmate II-FS-1 and 1 hr with Tapmate II-FS-2 inserts.

CENTRIA — Tapmate II-FS-1, II-FS-2; Series KEB.

(2) **Wiremold Co.** — After set Inserts.

Single-service after set inserts installed per accompanying installation instructions in 2-1/2 in. diam hole core-drilled through min 3-1/4 in. thick concrete topping to top of cell of any min 3 in. deep cellular steel floor unit specified under Item 3. Spacing shall be no more than one insert in each 10 sq ft of floor area in each span with a min center to center spacing of 16 in. If the high potential and low potential raceways of the cellular steel floor unit are separated by a valley filled with concrete, the center to center spacing of the high potential and low potential single-service after set inserts may be reduced to a min of 7-1/2 in. Restrained Assembly Rating is 2 hr or less with internally protected type 436 after set insert with Type M4-, M6- or M8- Series single-service activation fitting.

WIREMOLD CO — Internally protected Type 436 after set Insert with Type M4-, M6- or M8- Series single-service activation fitting.

7. **Mineral and Fiber Boards* —** (Optional, not shown). Applied over concrete floor with no restriction on board thickness. When mineral and fiber boards are used, the unrestrained beam rating shall be increased by a minimum of 1/2 hr.

See Mineral and Fiber Board (CERZ) category for names of manufacturers.

8. **Roof Covering Materials* —** (Optional, not shown)Consisting of materials compatible with insulations described herein which provide Class A, B or C coverings. See Built-Up Roof Covering Materials in Building Materials Directory.

9. **Insulating Concrete —** (not shown) Optional. Various types of insulating concrete prepared and applied in the thickness indicated:

A. **Vermiculite Concrete —** (not shown) Optional.

1. Blend 6 to 8 cu. ft. of Vermiculite Aggregate* to 94 lb. Portland Cement and air entraining agent. Min thickness of 2 in. as measured to the top surface of the structural concrete or foamed plastic (Item 10) when it is used.

ELASTIZELL CORP OF AMERICA

SIPLAST INC

VERMICULITE PRODUCTS INC

2. Blend 3.5 cu. ft. of Type NVC Concrete Aggregate* or Type NVS Vermiculite Aggregate* coat, 1/8 in. thickness beneath foamed plastic (Item 10) when used, 1 in. min topping thickness.

SIPLAST INC

VERMICULITE PRODUCTS INC

Vermiculite concrete may be covered with Roof Covering Materials (Item 8).

B. **Cellular Concrete — Roof Topping Mixture* —** concentrate mixed with water and Portland cement per manufacturers specifications. Min. thickness of 2-in. as measured to the top surface of the structural concrete or foamed plastic (Item 10) when used. Cast dry density and 28— day min. compressive strength of 190 psi as determined with ASTM C495— 66.

CELCORE INC — Type Celcore with cast dry density of 31 (+ or - 3.0) pcf or Type Celcore MF with cast dry density of 29 (+ or - 3.0) pcf.

CELLULAR CONCRETE L L C — Cast dry density of 37 (+ or -) 3.0 pcf.

ELASTIZELL CORP OF AMERICA — Type II. Mix #1 of cast dry density 39 (+ or -) 3.0 pcf, Mix #2 of cast dry density 40 (+ or -) 3.0 pcf, Mix #3 of cast dry density 47 (+ or -) 3.0 pcf.

C. **Cellular Concrete-Roof Topping Mixture* —** Concentrate mixed with water and Portland cement per manufacturers specifications. 28-day min. compressive strength of 190 psi as determined with ASTM C495-66.

LITE-CRETE INC — Cast dry density of 29 (+ or -) 3.0 pcf.

SIPLAST INC — Mix No. 1 or 2. Cast dry density of 32+3 (Mix No. 1) or 36+3 (Mix No. 2) pcf.

D. **Perlite Concrete —** 6 cu ft. of Perlite Aggregate* to 94 lb of Portland Cement and 1-1/2 pt air entraining agent. Min. thickness 2 in. as measured to the top surface of structural concrete or foamed plastic (Item 10A) when it is used.

See Perlite Aggregate (CFFX) in Fire Resistance Directory for names of manufacturers.

E. **Cellular Concrete — Roof Topping Mixture* —** Foam Concentrate mixed with water, Portland Cement and UL Classified Vermiculite Aggregate per manufacturer's application instructions. Cast dry density of 33 (+ or -) 3.0 pcf and 28-day compressive strength of min 250 psi as determined in accordance with ASTM C495-86.

CELLULAR CONCRETE L L C — Mix No. 3.

SIPLAST INC — Mix No. 3.

F. **Floor Topping Mixture* —** (Optional, not shown) — Approx 4.5 gal of water to 41 lbs of NVS Premix floor topping mixture. Slurry coat 1/8 in. thickness beneath foamed plastic (Item 10) when used , 1 in. min topping thickness.

SIPLAST INC

Floor Topping Mixture may be covered with Built-Up or Single Membrane Roof Covering.

10. **Foamed Plastic* —** (optional — Not Shown) For use only with vermiculite ((Item 9A) or cellular ((Item 9C) concretes — Rigid polystyrene foamed plastic insulation having slots and/or holes sandwiched between vermiculite concrete slurry which is applied to the normal or lightweight concrete surface and vermiculite concrete topping ((Item 9A).

SIPLAST INC

VERMICULITE PRODUCTS INC

10A. **Foamed Plastic* —** For use only with cellular concrete. Nominal 24 by 48 in. polystyrene foamed plastic insulation boards having a density of □.0 + 0.1 pcf encapsulated within cellular concrete topping (Item 9B). Each insulation board shall contain six nominal 3 in. diameter holes oriented in two rows of three holes each with the holes spaced 12 in. OC, transversely and 16 in. OC longitudinally.

See Foamed Plastic* (BRYX) category in Building Materials Directory or Foamed Plastic* (CCVW) category in Fire Resistance Directory for list of manufacturers.

11. **Foamed Plastic* —** (Optional, not shown). Polyisocyanurate roof insulation, applied over concrete floor with no restriction on insulation thickness. When polyisocyanurate insulation is used, the unrestrained beam rating shall be increased by a minimum of 1/2 hr.

12. **Metal Lath —** (Not Shown) — (Required with Z-146, Z-146T, Z146PC, Z-156, Z-156T and Z-156PC, otherwise optional) - Metal lath may be used to facilitate the spray application of Spray-Applied Fire Resistive Materials on steel bar joist and trusses. The diamond mesh, 3/8 in. expanded steel lath, 1.7 to 3.4 lb per sq yd is secured to both sides of each steel joist with No. 18 SWG galv steel wire at joist web and bottom chord members spaced 15 in. OC max. When used, the metal lath is to be fully covered with Spray-Applied Fire Resistive.

See **Foamed Plastic** (CCVW) category for list of manufacturers.

*Bearing the UL Classification Mark

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JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA — JOHNNIE LONDRIM JR. — AR 90289 — REGISTERED ARCHITECT

CONSULTANT

DRAWING HISTORY

No.	DATE	DESCRIPTION

PROJECT STATUS

90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE

10/14/2025

PROJECT NAME

RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION

2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER

1007657.00

SHEET TITLE

UL ASSEMBLIES

SHEET NUMBER

A0.13E

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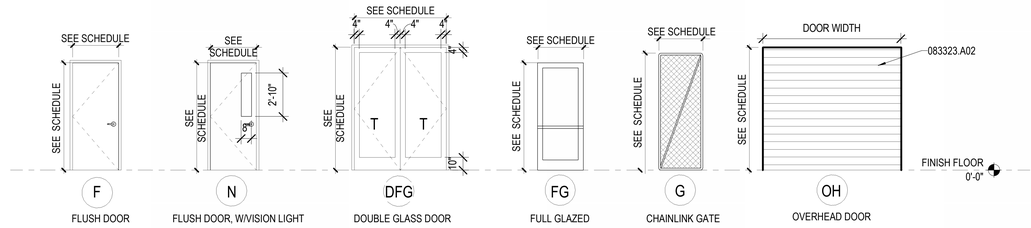
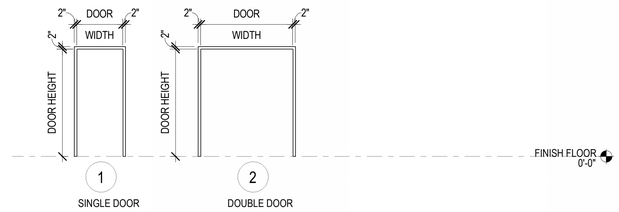
DATE STAMP: 10/23/2025 5:40:45 PM

DOOR SCHEDULE

DOOR NO.	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	FIRE RATING	DOOR HARDWARE	DETAIL - HEAD	DETAIL - JAMB	DETAIL - SILL	REMARKS
E101.A	22' - 0"	14' - 0"	OH	STL	MFR	STL	--	MFR	8/A0.30E	6/A0.30E	2/A0.30E	
E101.B	14' - 0"	14' - 0"	OH	STL	MFR	STL	--	MFR	8/A0.30E	6/A0.30E	2/A0.30E	
E101.C	3' - 0"	8' - 0"	N	HM	1	HM	--	E3.0	7/A0.30E	5/A0.30E	4/A0.30E	
E101.D	3' - 0"	10' - 0"	G	STL	MFR	STL	--	MFR		7/A0.35E		
E101.E	3' - 0"	10' - 0"	G	STL	MFR	STL	--	MFR		7/A0.35E		--
E101.F	3' - 0"	8' - 0"	F	HM	1	HM	--	E3.0	2/A0.35E	6/A0.35E		
E102.A	3' - 0"	8' - 0"	N	HM	1	HM	--	E3.0	7/A0.30E	5/A0.35E	4/A0.30E	
E102.B	14' - 0"	14' - 0"	OH	STL	MFR	STL	--	MFR	8/A0.30E	6/A0.30E	2/A0.30E	
E102.C	3' - 0"	7' - 0"	N	HM	1	HM	45-MIN	E20.0	3/A0.30E	1/A0.30E		
E102.D	12' - 0"	14' - 0"	OH	STL	MFR	STL	--	MFR	8/A0.30E	6/A0.30E		
E103	3' - 0"	7' - 0"	F	HM	1	HM	20-MIN	E14.0	13/A0.35E	9/A0.35E		
E104	3' - 0"	7' - 0"	F	HM	1	HM	--	E15.0	13/A0.35E	9/A0.35E		
E105.A	3' - 0"	8' - 0"	N	HM	1	HM	--	E3.0	7/A0.30E	5/A0.30E	4/A0.30E	
E105.B	14' - 0"	14' - 0"	OH	STL	MFR	STL	--	MFR	8/A0.30E	6/A0.30E	2/A0.30E	
E105.C	3' - 0"	7' - 0"	F	HM	1	HM	45-MIN	E7.0	1/A0.35E	5/A0.35E		
E106	6' - 0"	7' - 0"	FG	AL	S1	AL		E1.0	14/A0.35E	3/A0.35E		
E107	3' - 0"	7' - 0"	F	HM	1	HM	--	E15.0	13/A0.35E	9/A0.35E		
E108	6' - 0"	7' - 0"	FF	HM	2	HM	--	E11.0	13/A0.35E	9/A0.35E		
E109	6' - 0"	8' - 0"	F	HM	2	HM	--	E4.0	7/A0.30E	5/A0.30E	4/A0.30E	
E110	3' - 0"	8' - 0"	F	HM	1	HM	--	E5.0	7/A0.30E	5/A0.30E	4/A0.30E	
E111	6' - 0"	7' - 0"	DFG	AL	S2	AL	--	E1.0	14/A0.35E	3/A0.35E	10/A0.35E	
E111.B	3' - 0"	7' - 0"	N	HM	1	HM	45-MIN	E20.0	7/A0.30E	5/A0.30E		
E112	3' - 0"	7' - 0"	F	HM	1	HM	20-MIN	E14.0	13/A0.35E	9/A0.35E		
E113.A	4' - 0"	7' - 0"	N	HM	1	HM	45-MIN	E22.0	13/A0.35E	9/A0.35E		BULLET RESISTANT, 180 DOOR
E113.B	4' - 0"	7' - 0"	N	HM	1	HM	20-MIN	E22.0	7/A0.30E	5/A0.30E		BULLET RESISTANT
E114	3' - 0"	7' - 0"	N	HM	1	HM	--	E17.0	13/A0.35E	9/A0.35E		
E115	3' - 0"	7' - 0"	N	HM	HM1	HM	45-MIN	E17.0	1/A0.35E	5/A0.35E		
E116	3' - 0"	7' - 0"	F	HM	1	HM	--	E15.0	13/A0.35E	9/A0.35E		
E117	3' - 0"	7' - 0"	F	HM	1	HM	--	E15.0	13/A0.35E	9/A0.35E		
E118	3' - 0"	7' - 0"	F	HM	1	HM	--	E16.0	13/A0.35E	9/A0.35E		
E119.A	3' - 0"	7' - 0"	N	HM	1	HM	--	E20.0	13/A0.35E	9/A0.35E		
E119.B	3' - 0"	7' - 0"	N	HM	1	HM	45-MIN	E6.0	7/A0.30E	5/A0.30E		BULLET RESISTANT
E120	3' - 0"	7' - 0"	N	HM	1	HM	--	E17.0	13/A0.35E	9/A0.35E		
E121	3' - 0"	7' - 0"	N	HM	1	HM	--	E17.0	13/A0.35E	9/A0.35E		

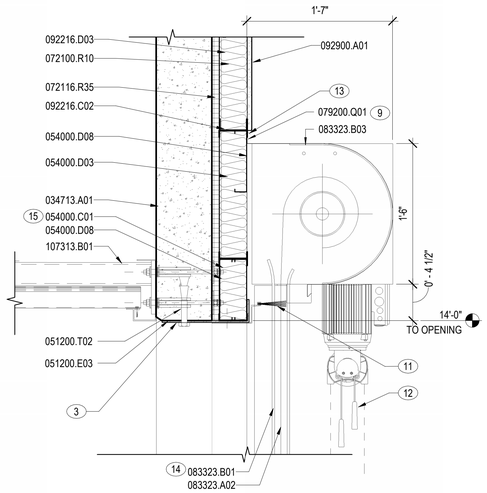


NOTE: SEE DOOR SCHEDULE FOR DIMENSIONS OF DOOR OPENINGS

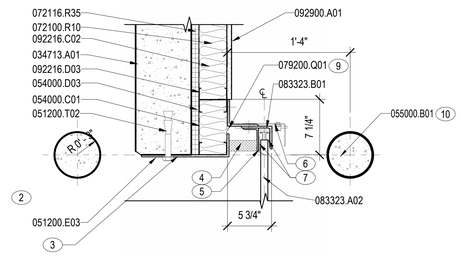


NOTE: SEE DOOR SCHEDULE FOR DIMENSIONS OF DOOR OPENINGS

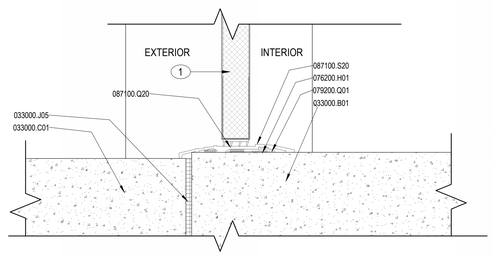
9 DOOR AND DOOR FRAME LEGEND
1/4" = 1'-0"



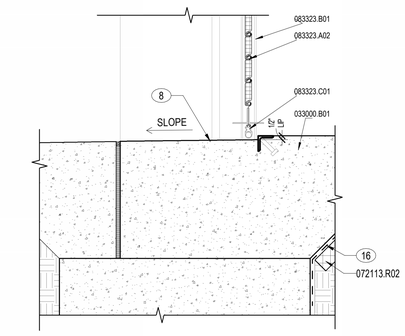
8 HEAD DETAIL
1 1/2" = 1'-0"



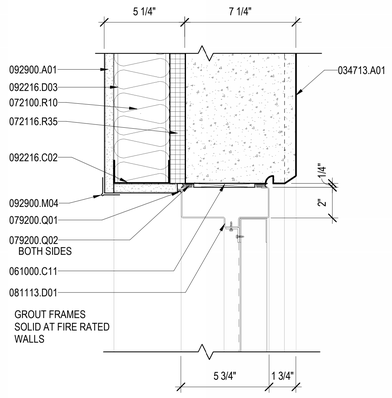
6 OVERHEAD DOOR JAMB DETAIL
1 1/2" = 1'-0"



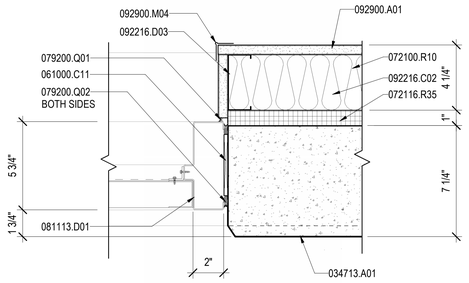
4 DOOR THRESHOLD
3" = 1'-0"



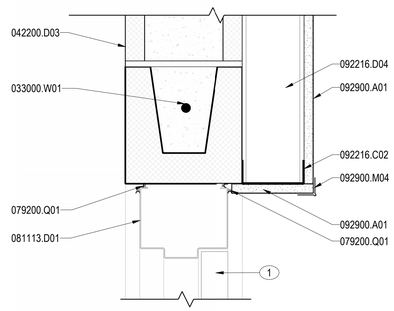
2 TYPICAL COILING DOOR SILL DETAIL
1 1/2" = 1'-0"



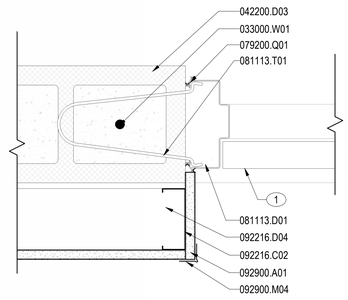
7 HOLLOW METAL DOOR HEAD1
3" = 1'-0"



5 HOLLOW METAL DOOR JAMB
3" = 1'-0"



3 DOOR - TYPICAL CMU HEAD
3" = 1'-0"



1 DOOR - TYPICAL CMU JAMB
3" = 1'-0"

GENERAL NOTES

1. ROOM AND DOOR REFERENCE NUMBERS ARE FOR CONSTRUCTION COORDINATION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER FOR FINAL ROOM & DOOR IDENTIFICATION.
2. DO NOT SCALE DIMENSIONS FROM DRAWINGS, ANY UNKNOWN DIMENSION SHALL BE OBTAINED FROM DESIGN PROFESSIONALS VIA REQUEST FOR INFORMATION (RFI).
3. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINES AND FACE OF MASONRY INFILL WALL U.N.O. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL ASSEMBLY U.N.O.
4. ALL 36" WIDE INTERIOR SWING DOORS SHALL BE LOCATED 2'-0" FROM CENTER OF DOOR TO PERPENDICULAR SURFACE OF ADJACENT WALL AT DOOR JAMB U.N.O.
5. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
6. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY, INACCURACY OR CONFLICTING INFORMATION BEFORE EXECUTION OF WORK.
7. REFER TO WALL TYPE SCHEDULE FOR ADDITIONAL INFORMATION.
8. ALL SHAFTS PENETRATING SLAB SHALL BE RATED 2HR.
9. CONTRACTOR SHALL FIELD COORDINATE LOCATION, SIZE AND TYPE OF BLOCKING FOR INSTALLATION OF SIGNAGE, PLUMBING FIXTURES, MILLWORK, ETC. ALL CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED (F.R.T).
10. PROVIDE IN-WALL REINFORCEMENT FOR ALL WALL MOUNTED FURNITURE AND EQUIPMENT AS REQUIRED.

SHEET NOTES

1. REFER TO DOOR SCHEDULE FOR SPECIFIC DOOR TYPE.
2. CONCRETE-FILLED STEEL BOLLARD, IMPACT-RATED. REFER TO STRUCTURAL DRAWINGS.
3. 1/8" MIN. SILICONE BEAD.
4. COMPLETELY SEAL GUIDE AREA WITH A 1-1/2" FOAM STRIP. RUN FOAM STRIP FROM FLOOR TO UNDERSIDE OF LINTEL SEAL.
5. VINYL WEATHER SEAL. RUN WEATHER SEAL FROM TOP TO BOTTOM OF GUIDE.
6. 1/4" STEEL BRACKET PLATE ABOVE.
7. WEAR STRIPS, TYP.
8. LEVEL CONCRETE AT THE SLOPED OPENING TO MAINTAIN A PROPER SEAL AT THE DOOR BOTTOM WEATHERSEAL.
9. PROVIDE CONTINUOUS AIRTIGHT SEALANT AT JOINTS BETWEEN WALL AND DOOR JAMB GUIDES, WALL AND HOOD PERIMETER
10. CONCRETE-FILLED STEEL BOLLARD, IMPACT-RATED. REFER TO DETAIL D6/AE541.
11. "Z"-TYPE LINTEL SEAL WITH 3/4" BRUSH.
12. AUXILIARY HAND CHAIN.
13. 1-1/2" TOP HOOD BEAD.
14. 22/24 GA INSULATED, FLAT SLATS. PROVIDE 15/16" THICK SLATS WITH 7/8" INSULATION WITHIN.
15. BOX HEADER.
16. UNDERSLAB VAPOR BARRIER

MATERIAL NOTES

033000.B01	CONCRETE SLAB
033000.C01	CONCRETE WALK
033000.J05	PREFORMED JOINT FILLER
033000.W01	REINFORCING STEEL
034713.A01	TILT-UP CONCRETE WALL PANEL
042200.D03	CMU 8"
051200.E03	STEEL PLATE, BENT
051200.T02	ANCHOR BOLT
054000.C01	METAL STUD RUNNER TRACK
054000.D03	METAL STUD 3 5/8"
054000.D08	METAL STUD 8"
055000.B01	STEEL BOLLARD
061000.C11	PRESSURE TREATED WOOD BLOCKING
072100.R10	BLANKET INSULATION, UNFACED
072113.R02	PERIMETER INSULATION
072116.R35	GLASS-FIBERBOARD INSULATION
076200.H01	METAL FLASHING
079200.Q01	JOINT SEALANT
079200.Q02	BACKSTOP AND SEALANT
081113.D01	HOLLOW METAL FRAME
081113.T01	MASONRY ANCHOR
083323.A02	INSULATED OVERHEAD COILING DOOR
083323.B01	COILING DOOR GUIDES
083323.B03	COILING DOOR HOOD
083323.C01	BOTTOM BAR/WEATHER SEAL
087100.Q20	WEATHERSTRIPPING
087100.S20	THRESHOLD
092216.C02	METAL STUD RUNNER TRACK
092216.D03	METAL STUD 3 5/8"
092216.D04	METAL STUD 4"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.M04	CORNERBEAD
107313.B01	DOOR CANOPY SYSTEM

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

PGAL, Inc.
791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
T 561 988 4002
www.pgal.com

CONSTRUCTION MANAGER/BUILDER

CORE CONSTRUCTION
1641 Worthington Rd
West Palm Beach
FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
TIMMIE LONDRUM
AR 96098
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

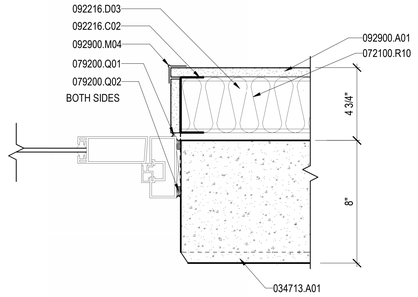
PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

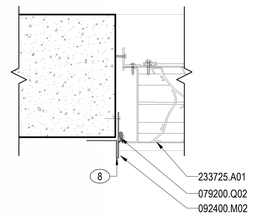
SHEET TITLE
DOOR SCHEDULES, TYPES, & FRAMES

SHEET NUMBER
A0.30E

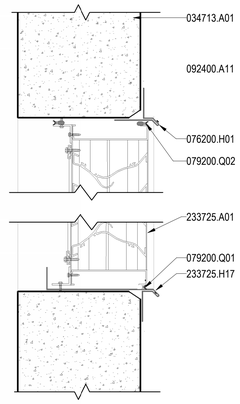
FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:50 PM



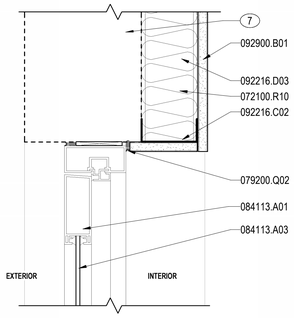
12 3" = 1'-0" **DOOR JAMB - STOREFRONT, EXT**



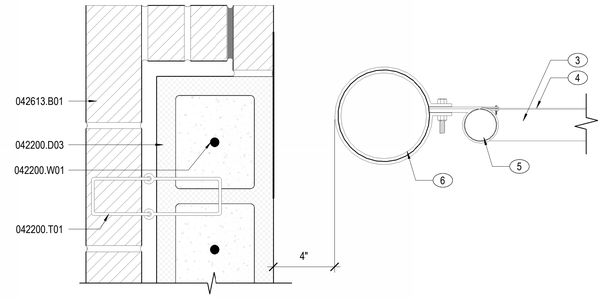
8 3" = 1'-0" **LOUVER JAMB DETAIL**



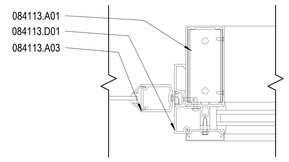
4 3" = 1'-0" **LOUVER HEAD AND SILL DETAIL**



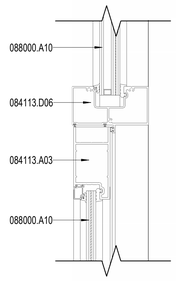
11 3" = 1'-0" **DOOR HEAD - STOREFRONT, EXT**



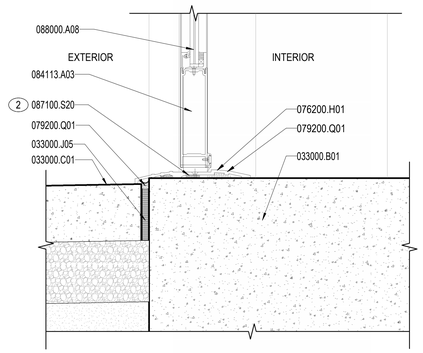
7 3" = 1'-0" **DUMPSTER GATE, JAMB**



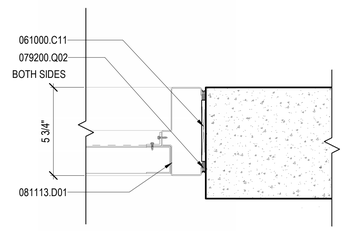
3 3" = 1'-0" **STOREFRONT MULLION / DOOR**



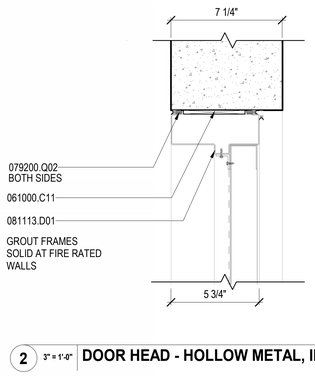
14 3" = 1'-0" **STOREFRONT DOOR HEADER**



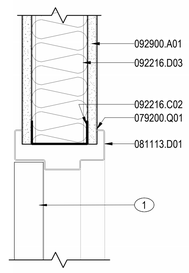
10 3" = 1'-0" **SILL DETAIL**



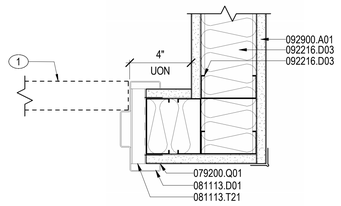
6 3" = 1'-0" **DOOR JAMB - HOLLOW METAL, INT**



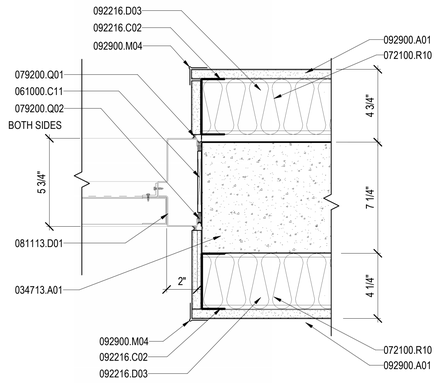
2 3" = 1'-0" **DOOR HEAD - HOLLOW METAL, INT**



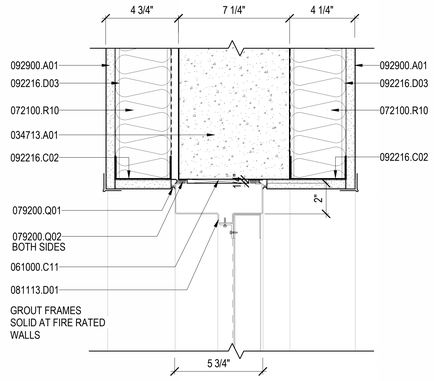
13 3" = 1'-0" **DOOR TYPICAL DOOR HEAD**



9 3" = 1'-0" **TYPICAL DOOR OFFSET ROOM CORNER**



5 3" = 1'-0" **DOOR JAMB - HOLLOW METAL, INT**



1 3" = 1'-0" **DOOR HEAD - HOLLOW METAL, INT 2 SIDED GYP**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET A0.30E FOR DOOR SCHEDULES & TYPICAL DOOR DETAILS.

C ALL WINDOW PROFILES ARE GENERIC. REFER TO SPECIFICATIONS SECTIONS FOR PERFORMANCE REQUIREMENTS. SEE SECTION 084113 FOR STOREFRONT WINDOW, 084229 FOR AUTOMATIC ENTRANCE, 084413 FOR CURTAIN WALL, 085113 FOR ALUMINUM WINDOW.

D ALL INTERIOR GLAZING SHALL BE CLEAR, TEMPERED GLASS 088000.A04 UNO.

E ALL EXTERIOR GLAZING SHALL BE TINTED INSULATING GLASS, CLASS 'E' IMPACT RATED FOR RISK CATEGORY IV ESSENTIAL BUILDINGS. 088000.A09 UNO.

SHEET NOTES

1 REFER TO DOOR SCHEDULE FOR SPECIFIC DOOR TYPE.

2 SET ON A CONTINUOUS BED OF SEALANT. CAULK ENDS OF THRESHOLD. SECURE THRESHOLD TO CONCRETE FLOOR WITH CONCRETE ANCHORS.

3 CHAIN LINK FENCE GATE SYSTEM. REFER TO CIVIL FOR CHAIN LINK SPECIFICATION INFORMAITON.

4 CHAINLINK FABRIC INFILL.

5 TENSION ROD.

6 END POST.

7 EXTERIOR WALL, SEE PLANS

8 METAL FLASHING SET ON SEALANT

MATERIAL NOTES

033000.B01	CONCRETE SLAB
033000.C01	CONCRETE WALK
033000.J05	PREFORMED JOINT FILLER
034713.A01	TILT-UP CONCRETE WALL PANEL
042200.D03	CMU 8"
042200.T01	MASONRY ANCHOR
042200.W01	REINFORCING STEEL
042613.B01	BRICK VENEER MASONRY
061000.C11	PRESSURE TREATED WOOD BLOCKING
072100.R10	BLANKET INSULATION, UNFACED
076200.H01	METAL FLASHING
079200.Q01	JOINT SEALANT
079200.Q02	BACKSTOP AND SEALANT
081113.D01	HOLLOW METAL FRAME
081113.T21	METAL STUD ANCHOR
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.A03	FULL GLAZED STILE AND RAIL DOOR
084113.D01	ALUMINUM DOOR FRAME
084113.D06	ALUMINUM FRAME
087100.S20	THRESHOLD
088000.A08	CLEAR LAMINATED GLASS
088000.A10	CLEAR INSULATING GLASS UNIT
092216.C02	METAL STUD RUNNER TRACK
092216.D03	METAL STUD 3 5/8"
092400.A11	SELF FURRING DIAMOND MESH LATH
092400.M02	DRIP EDGE TRIM
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.B01	GYPSUM BOARD, GLASS MAT FACED 5/8"
092900.M04	CORNERBEAD
233725.A01	EXTRUDED ALUMINUM WALL LOUVER
233725.H17	SILL FLASHING WITH END DAMS

0 2" 4" 8" 1'

3" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

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791 Park of Commerce Blvd.
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JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
LYNNIE LOHRUM
AR 96799
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

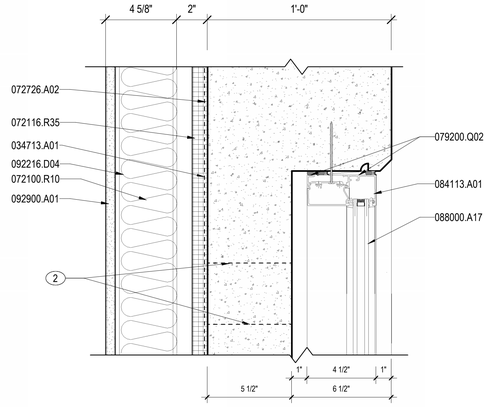
PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

SHEET TITLE
HOLLOW METAL FRAME & TYPICAL DOOR DETAILS

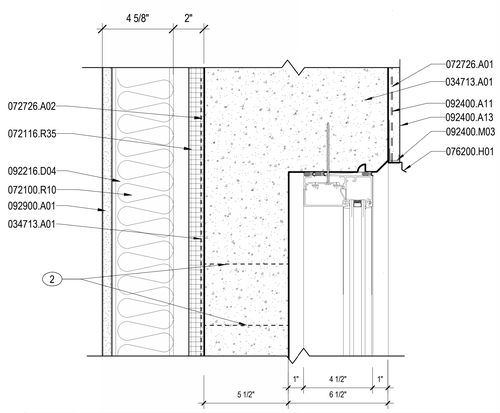
SHEET NUMBER
A0.35E

FILE NAME: Autodesk Docs:// 1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:40:54 PM



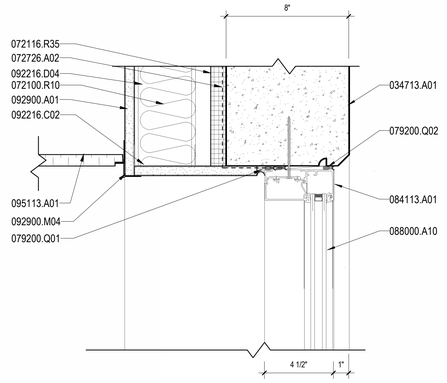
10 3" = 1'-0" **STOREFRONT SECTION DETAIL - HEAD**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



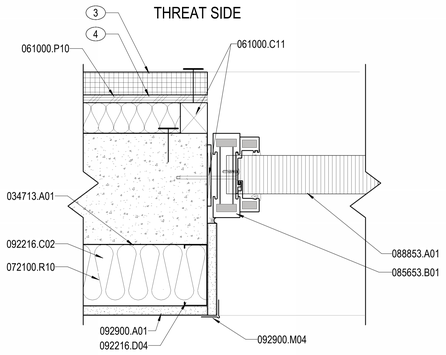
7 3" = 1'-0" **STOREFRONT SECTION DETAIL - HEAD**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



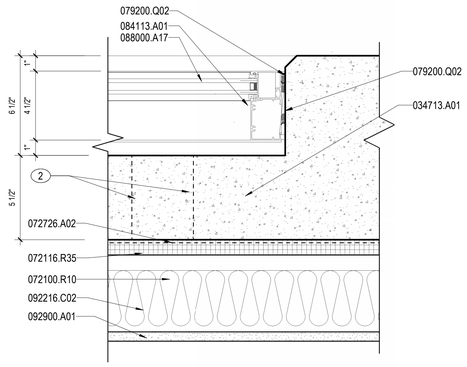
4 3" = 1'-0" **STOREFRONT SECTION DETAIL - HEAD**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



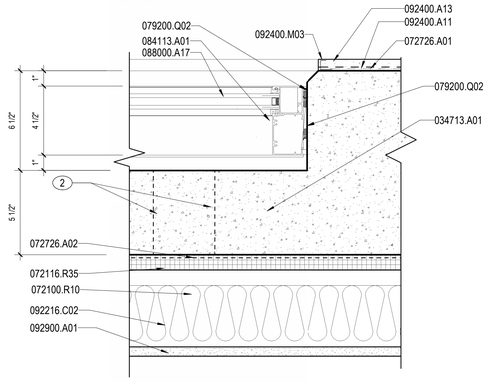
BASIS OF DESIGN: TSS BL 5.5 FRAMING SYSTEM WITH McGRORT GLASS BALLISTIC DEFEND 4-GCP GLAZING
(LEVEL 8 BULLET RESISTANT & SMOKE RATED)

12 3" = 1'-0" **BALLISTIC WINDOW JAMB**



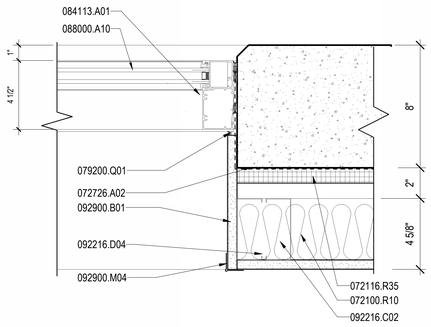
9 3" = 1'-0" **STOREFRONT SECTION DETAIL - JAMB**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



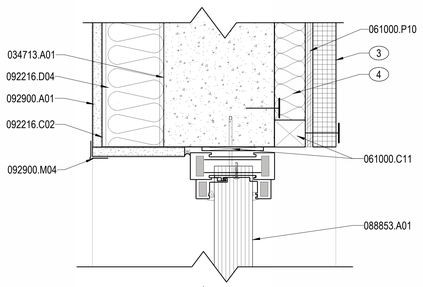
6 3" = 1'-0" **STOREFRONT SECTION DETAIL - JAMB**

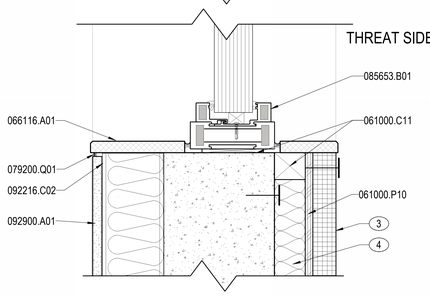
BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



3 3" = 1'-0" **STOREFRONT SECTION DETAIL - JAMB**

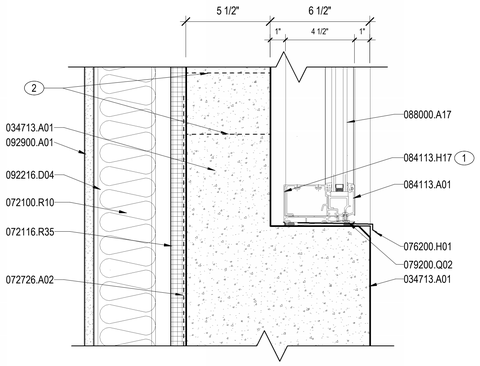
BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1





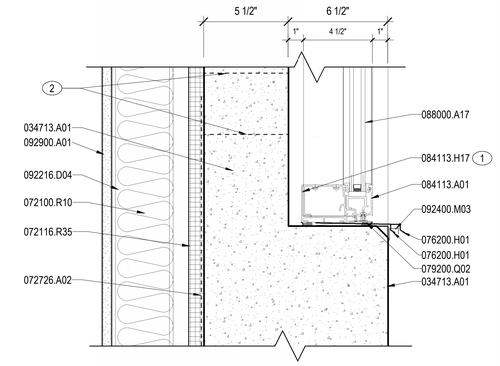
BASIS OF DESIGN: TSS BL 5.5 FRAMING SYSTEM WITH McGRORT GLASS BALLISTIC DEFEND 4-GCP GLAZING
(LEVEL 8 BULLET RESISTANT & SMOKE RATED)

11 3" = 1'-0" **BALLISTIC WINDOW HEAD/SILL**



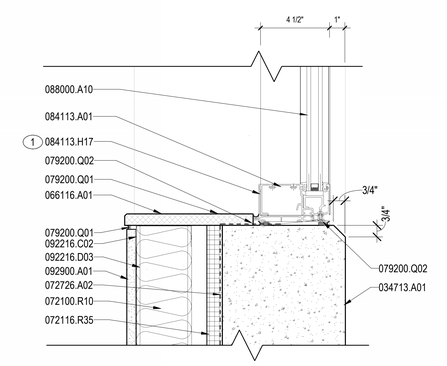
8 3" = 1'-0" **STOREFRONT SECTION DETAIL - SILL**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



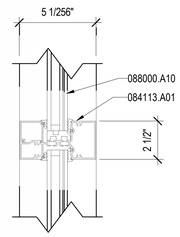
5 3" = 1'-0" **STOREFRONT SECTION DETAIL - SILL**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



2 3" = 1'-0" **STOREFRONT SECTION DETAIL - SILL**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING
FLORIDA PRODUCT APPROVAL: FL#19002.1



1 3" = 1'-0" **STOREFRONT MULLION**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B REFER TO SHEET A0.30E FOR DOOR SCHEDULES & TYPICAL DOOR DETAILS.
C ALL WINDOW PROFILES ARE GENERIC. REFER TO SPECIFICATIONS SECTIONS FOR PERFORMANCE REQUIREMENTS. SEE SECTION 084113 FOR STOREFRONT WINDOW, 084229 FOR AUTOMATIC ENTRANCE, 084413 FOR CURTAIN WALL, 085113 FOR ALUMINUM WINDOW.
D ALL INTERIOR GLAZING SHALL BE CLEAR, TEMPERED GLASS 088000.A04 UNO.
E ALL EXTERIOR GLAZING SHALL BE TINTED INSULATING GLASS, CLASS 'E' IMPACT RATED FOR RISK CATEGORY IV ESSENTIAL BUILDINGS. 088000.A09 UNO.

SHEET NOTES

1 METAL FLASHING SET ON SEALANT
2 4" PVC SLEEVE VENT, 5 PER OPENING.
3 1 1/2" BALLISTIC RUBBER TILE PANELS FASTENED TO WOOD SLATS.
4 MINERAL WOOL INSULATION.

MATERIAL LEGEND

034713.A01	TILT-UP CONCRETE WALL PANEL
061000.C11	PRESSURE TREATED WOOD BLOCKING
061000.P10	FIRE-RETARDANT PLYWOOD PANEL
066116.A01	SOLID SURFACE WINDOW SILL
072100.R10	BLANKET INSULATION, UNFACED
072116.R35	GLASS-FIBERBOARD INSULATION
072726.A01	FLUID-APPLIED AIR BARRIER, VAPOR-RETARDING
072726.A02	FLUID-APPLIED AIR BARRIER, VAPOR-PERMEABLE
076200.H01	METAL FLASHING
079200.Q01	JOINT SEALANT
079200.Q02	BACKSTOP AND SEALANT
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.H17	SILL FLASHING WITH END DAMS
085653.B01	BULLET RESISTANT ALUMINUM FRAME
088000.A10	CLEAR INSULATING GLASS UNIT
088000.A17	SPANDREL INSULATING GLASS UNIT
088853.A01	LAMINATED-GLASS SECURITY GLAZING
092216.C02	METAL STUD RUNNER TRACK
092216.D03	METAL STUD 3 5/8"
092216.D04	METAL STUD 4"
092400.A11	SELF FURRING DIAMOND MESH LATH
092400.A13	3-COAT STUCCO SYSTEM
092400.M03	EDGE TRIM METAL
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.B01	GYPSUM BOARD, GLASS MAT FACED 5/8"
092900.M04	CORNERBEAD
095113.A01	ACOUSTICAL CEILING UNITS

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

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1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
LONNIE LORIUM
AR 96289
REGISTERED ARCHITECT

DRAWING HISTORY

№	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET
DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
STOREFRONT DETAILS

SHEET NUMBER
A0.36E

FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
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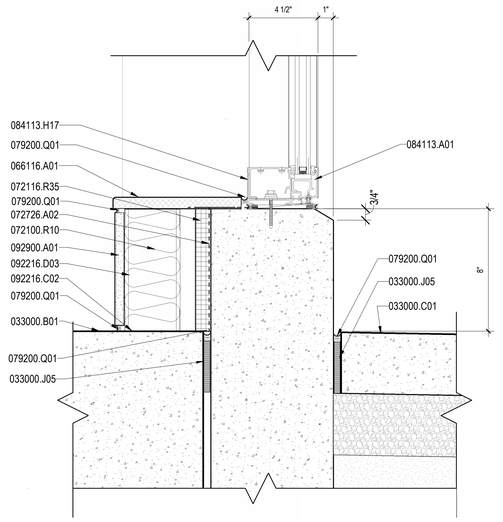
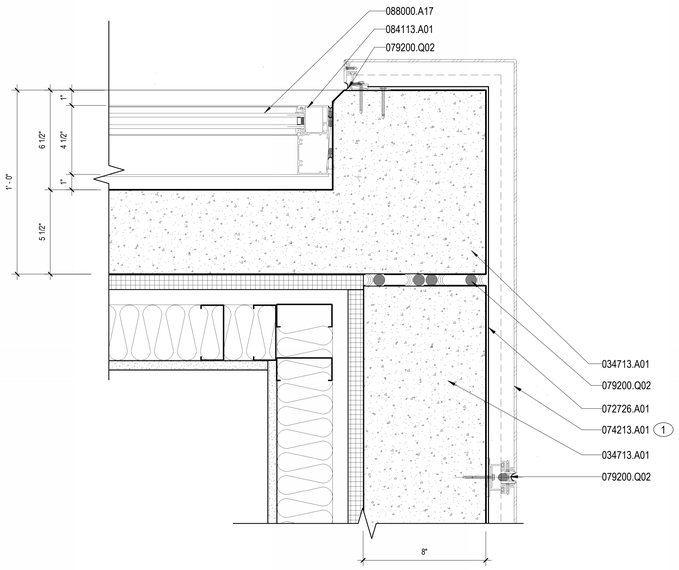


2 3" = 1'-0" **STOREFRONT SECTION DETAIL - SILL**



1 3" = 1'-0" **STOREFRONT PLAN DETAIL - JAMB**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET A0.30E FOR DOOR SCHEDULES & TYPICAL DOOR DETAILS.

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E ALL EXTERIOR GLAZING SHALL BE TINTED INSULATING GLASS, CLASS 'E' IMPACT RATED FOR RISK CATEGORY IV ESSENTIAL BUILDINGS. 088000.A09 UNO.

SHEET NOTES

1 BASIS OF DESIGN: ALPOLIC DBR DARK BRONZE TO MATCH ADMIN BUILDING

MATERIAL LEGEND

033000.B01	CONCRETE SLAB
033000.C01	CONCRETE WALK
033000.J05	PREFORMED JOINT FILLER
034713.A01	TILT-UP CONCRETE WALL PANEL
066116.A01	SOLID SURFACE WINDOW SILL
072100.R10	BLANKET INSULATION, UNFACED
072116.R35	GLASS-FIBERBOARD INSULATION
072726.A01	FLUID-APPLIED AIR BARRIER, VAPOR-RETARDING
072726.A02	FLUID-APPLIED AIR BARRIER, VAPOR-PERMEABLE
074213.A01	WALL PANEL SYSTEM
079200.Q01	JOINT SEALANT
079200.Q02	BACKSTOP AND SEALANT
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.H17	SILL FLASHING WITH END DAMS
088000.A17	SPANDREL INSULATING GLASS UNIT
092216.C02	METAL STUD RUNNER TRACK
092216.D03	METAL STUD 3 5/8"
092900.A01	GYPSUM BOARD, REGULAR 5/8"

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REGISTRATION

STATE OF FLORIDA · SYMONNE LONDRUM · AR 96289 · REGISTERED ARCHITECT

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PROJECT STATUS
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10/14/2025

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RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

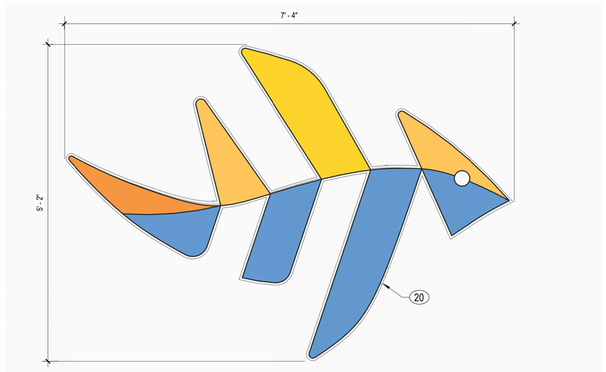
SHEET TITLE
STOREFRONT DETAILS

SHEET NUMBER
A0.37E

FILE NAME: Autodesk Docs://_1007657.00_-_CORE_-_City of Riviera Beach D/1007657_-_RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:01 PM

ROOM SIGNAGE SCHEDULE

ROOM NUMBER	ROOM NAME	SIGN TYPE	SIGN ROOM NUMBER	SIGN MESSAGE	ADDITIONAL NOTES
FIRST FLOOR					
E101	EVIDENCE VEHICLE STORAGE	XA2/A2	E101	EVIDENCE VEHICLE STORAGE	
E102	EV PROCESS	XA2/A2	E102	EVIDENCE VEHICLE PROCESS	
E103	DRYING ROOM	A2	E103	DRYING ROOM	
E104	RR	A3	E104	RESTROOM	
E105	SWAT VEHICLE	XA2/A2	E105	SWAT VEHICLE ROOM	
E106	SWAT	XA2	E106	SWAT ROOM	
E107	RR	A3	E107	RESTROOM	
E108	SWAT STOR.	A2	E108	SWAT STORAGE	
E109	FLEX STORAGE	XA2	E109	MECHANICAL ROOM	
E110	ELECT.	XA2	E110	ELECTRICAL ROOM	
E111	CIRCULATION	A2	E111	CORRIDOR	
E112	IT	A2	E112	IT ROOM	
E113	AMMO	A2	E113	AMMUNITION ROOM	
E114	CONTROL	A2	E114	CONTROL ROOM	
E115	SIMULATOR	A2	E115	SIMULATOR ROOM	
E116	RR	A3	E116	RESTROOM	
E117	RR	A3	E117	RESTROOM	
E118	JAN.	A2	E118	JANITOR	
E119	VEST	A2	E119	VESTIBULE	
E120	CLEAN / REPAIR	A2	E120	CLEAN / REPAIR	
E121	CONTROL	A2	E121	CONTROL ROOM	
E122	FIRING RANGE + SIMULATOR ROOM	A2	E122	FIRING RANGE	
MEZZANINE					
E201	MEZZANINE	A2	E201	MEZZANINE	

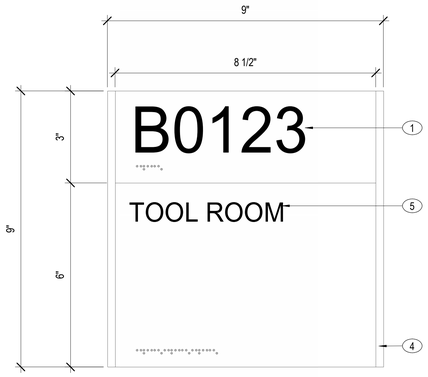


12 1" = 1'-0" **RBPD LOGO DETAIL, STAINLESS STEEL - ILLUMINATED**

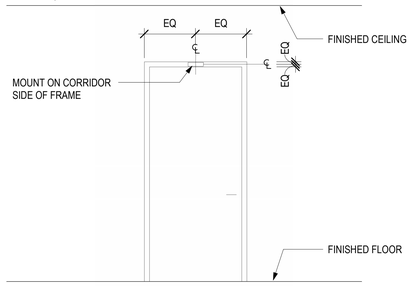
11 1" = 1'-0" **XBA - EXTERIOR SCREEN WALL NUMBER, STAINLESS STEEL - NON-ILLUMINATED**

10 1" = 1'-0" **XBA - EXTERIOR SCREEN WALL NUMBER, STAINLESS STEEL - NON-ILLUMINATED**

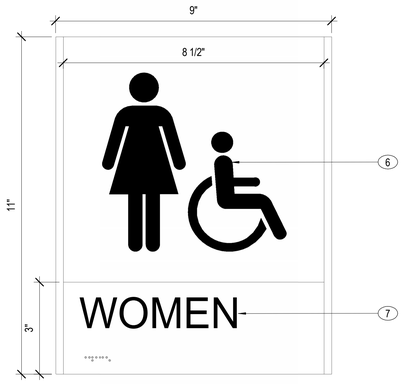
9 1" = 1'-0" **XBA - EXTERIOR BUILDING NUMBER, STAINLESS STEEL - NON-ILLUMINATED**



8 6" = 1'-0" **XA2 / A2, PERMANENT ROOM SIGNAGE**

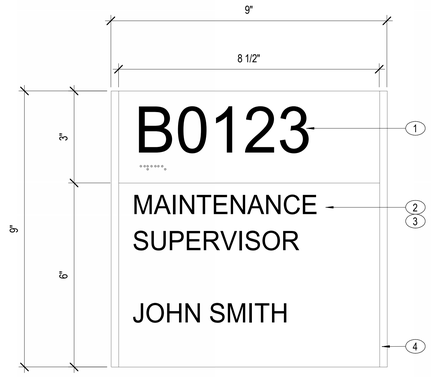


7 1/2" = 1'-0" **DOOR TAG SIGNAGE MOUNTING HEIGHTS**

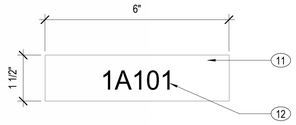


6 6" = 1'-0" **A3, ADA RESTROOM SIGNAGE**

5 6" = 1'-0" **XBD, NO SMOKING BUILDING SIGNAGE**



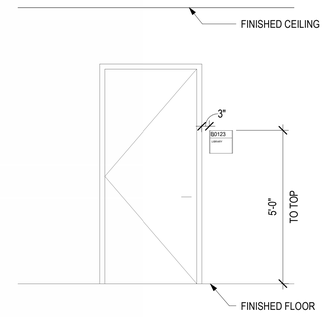
4 6" = 1'-0" **A1, ROOM SIGNAGE W/ INSERTS**



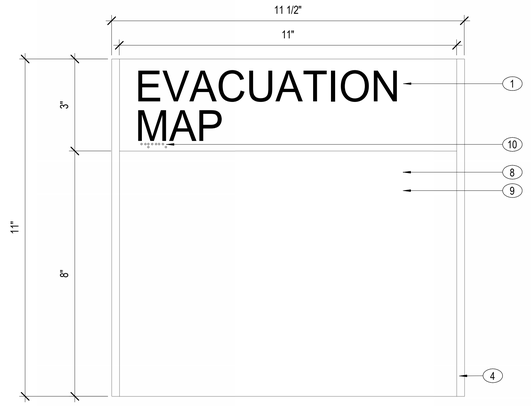
DOOR TAG IS REQUIRED ON ALL DOORS EVEN IF SIGN IS NOT SCHEDULED FOR ROOM

LOCATE A DOOR TAG ON ALL DOOR FRAMES (CORRIDOR SIDE). SIGN NUMBERS TO MATCH ARCHITECTURAL FLOOR PLAN NUMBERS.

3 6" = 1'-0" **DOOR TAG SIGNAGE**



2 1/2" = 1'-0" **ROOM SIGNAGE MOUNTING HEIGHTS**



1 6" = 1'-0" **E1, EVACUATION MAP**

GENERAL NOTES

A REFER TO AE815 FOR SIGNAGE LOCATION PLANS

B REFER TO AE815 & AE816 FOR SIGN ELEVATIONS AND MOUNTING HEIGHTS

C REFER TO AE816 FOR SIGN MESSAGE SCHEDULES

D LOCAL FIRE MARSHALL TO VERIFY SIGN TYPE E1 FIRE EVACUATION MAP SIGN LOCATIONS.

E PRIOR TO FABRICATION, SIGN FABRICATOR TO COORDINATE WITH OWNER TO FINALIZE SIGN MESSAGE SCHEDULE, ROOM NUMBERING, AND GENERAL NOMENCLATURE.

F REFER TO SPECIFICATION SECTION 10 14 23.16 ROOM-IDENFICATION PANEL SIGNAGE FOR ADDITIONAL INFORMATION AND COORDINATION.

G DOOR TAG NUMBERS TO MATCH ARCHITECTURAL FLOOR PLAN NUMBERS PER DOOR SCHEDULE. REFER TO DOOR NUMBERS AS PROVIDED ON SHEET AE601.

H CHARACTERS, LETTERS, AND NUMBERS TO BE TACITLE RAISED, 1/32 INCH OF CONTRASTING COLOR AND ACCOMPANIED BY GRADE 2 BRAILLE, UNLESS OTHERWISE NOTED.

I ALL FASTERNERS TO BE CONCEALED AND VANDAL RESISTANT.

J ALL EDGES TO BE FINISHED AND PAINTED.

K SIGN FABRICATOR TO PROVIDE OWNER WITH COMPLETE TEMPLATE LAYOUT FOR EACH SIGN TYPE, TO BE USED FOR FUTURE INSERT UPDATES.

L TEXT ON SIGN ELEVATIONS IS FOR EXAMPLE ONLY.

SHEET NOTES

1 1-1/2" TACTILE ROOM NUMBER WITH BRAILLE HELVETICA NEUE 55 ROMAN

2 PRINTED PAPER INSERT WITH ROOM DESCRIPTION

3 5/8" HIGH PRINTED MESSAGE HELVETICA NEUE 55 ROMAN

4 REMOVABLE END CAPS

5 5/8" TACTILE ROOM NUMBER WITH BRAILLE

6 GRAPHIC SHOULD FIT IN 6" FIELD

7 1" TACTILE ROOM DESCRIPTION WITH BRAILLE HELVETICA NEUE 55 ROMAN

8 CLEAR POLYCARBONATE INSERT COVER, MOUNT TO BACKER 1/32" THICK DOUBLE SIDED TAPE ALLOWING OPENING TO HOLD PAPER INSERT.

9 FABRICATE SIGN TO INCLUDE INSERT AREAS AS PER OWNER REQUIREMENTS.

10 GRADE 2 RAISED BRAILLE; COLOR TO MATCH BACKGROUND.

11 SOLID ACRYLIC PANEL TO MATCH DOOR FRAME

12 7/8" CAP HIGH MACHINE ENGRAVED TEXT COLOR: BLACK

13 1" CAP HEIGHT TEXT; COLOR: WHITE

14 NON SMOKING GRAPHIC, COLOR: REFLECTIVE WHITE VINYL

15 DOES NOT APPEAR IN SCHEDULE SEE SHEETS AG101 THROUGH AG111F FOR LOCATIONS

16 NO MESSAGE SCHEDULE. TEXT AND GRAPHIC SPECIFIC TO THIS SIGN

17 MOUNT TOP OF SIGN AT 60" AFF

18 BAKED ENAMEL INDIVIDUAL ALUMINUM PANEL, COLOR: BLUE PANTONE 19-4052 PTX (653C)

19 ROUNDED CORNERS

20 ALUMINUM LASER CUT SIGNAGE TO BE BACKLIT. COLORS AND DESIGN TO MATCH CITY OF RIVIERA BEACH LOGO.

0 1' 2' 4' 6' 8'
1/2" = 1'-0" GRAPHIC SCALE

0 6" 1' 2' 3' 4'
1" = 1'-0" GRAPHIC SCALE

0 1" 2" 3" 6"
6" = 1'-0" GRAPHIC SCALE

CLIENT

CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

ARCHITECT OF RECORD

PGAL, Inc.
791 Park of Commerce Blvd.
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CONSTRUCTION MANAGER/BUILDER

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1641 Worthington Rd
West Palm Beach
FL 33409

PUBLIC SAFETY CONSULTANT/ARCHITECT

JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA — LYNNIE LORIUM JONES — AR 96289 — REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

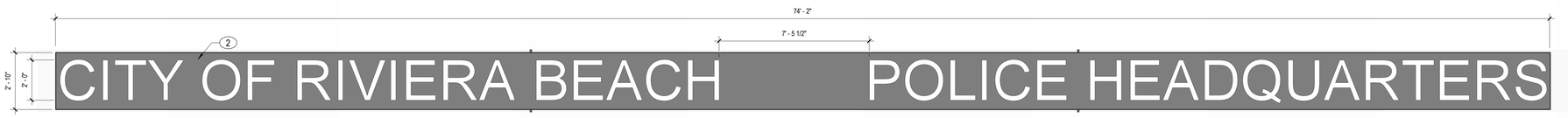
PROJECT NUMBER
1007657.00

SHEET TITLE
SIGNAGE SCHEDULE & TYPES

SHEET NUMBER
A0.50E

FILE NAME: Autodesk Docs://_1007657.00_-_CORE_-City of Riviera Beach D/1007657_-_RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:05 PM

2 1" = 1'-0" **RBPD LOGO SIGNAGE DETAIL**



1 3/8" = 1'-0" **CITY OF RIVIERA BEACH POLICE DEPARTMENT SIGNAGE DETAIL**

GENERAL NOTES

A REFER TO AE815 FOR SIGNAGE LOCATION PLANS
B REFER TO AE815 & AE816 FOR SIGN ELEVATIONS AND MOUNTING HEIGHTS
C REFER TO AE816 FOR SIGN MESSAGE SCHEDULES
D LOCAL FIRE MARSHALL TO VERIFY SIGN TYPE E1 FIRE EVACUATION MAP SIGN LOCATIONS.
E PRIOR TO FABRICATION, SIGN FABRICATOR TO COORDINATE WITH OWNER TO FINALIZE SIGN MESSAGE SCHEDULE, ROOM NUMBERING, AND GENERAL NOMENCLATURE.
F REFER TO SPECIFICATION SECTION 10 14 23.16 ROOM-IDENFICATION PANEL SIGNAGE FOR ADDITIONAL INFORMATION AND COORDINATION.
G DOOR TAG NUMBERS TO MATCH ARCHITECTURAL FLOOR PLAN NUMBERS PER DOOR SCHEDULE. REFER TO DOOR NUMBERS AS PROVIDED ON SHEET AE601.
H CHARACTERS, LETTERS, AND NUMBERS TO BE TACITLE RAISED, 1/32 INCH OF CONTRASTING COLOR AND ACCOMPANIED BY GRADE 2 BRAILLE, UNLESS OTHERWISE NOTED.
I ALL FASTERNERS TO BE CONCEALED AND VANDAL RESISTANT.
J ALL EDGES TO BE FINISHED AND PAINTED.
K SIGN FABRICATOR TO PROVIDE OWNER WITH COMPLETE TEMPLATE LAYOUT FOR EACH SIGN TYPE, TO BE USED FOR FUTURE INSERT UPDATES.
L TEXT ON SIGN ELEVATIONS IS FOR EXAMPLE ONLY.

SHEET NOTES

1 COLORS AND LOGO DESIGN TO MATCH CITY OF RIVIERA BEACH POLICE DEPARTMENT LOGO.
2 BACKLIT LASER CUT ALUMINUM SIGNAGE

0 6" 1' 2' 3' 4'
1" = 1'-0" GRAPHIC SCALE

0 1' 2' 4' 6' 8' 10'
3/8" = 1'-0" GRAPHIC SCALE

CLIENT

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REGISTRATION

STATE OF FLORIDA
JENNIE LOHRUM
AR 99289
REGISTERED ARCHITECT

DRAWING HISTORY

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CONSULTANT

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DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
SIGNAGE DETAILS

SHEET NUMBER
A0.55E

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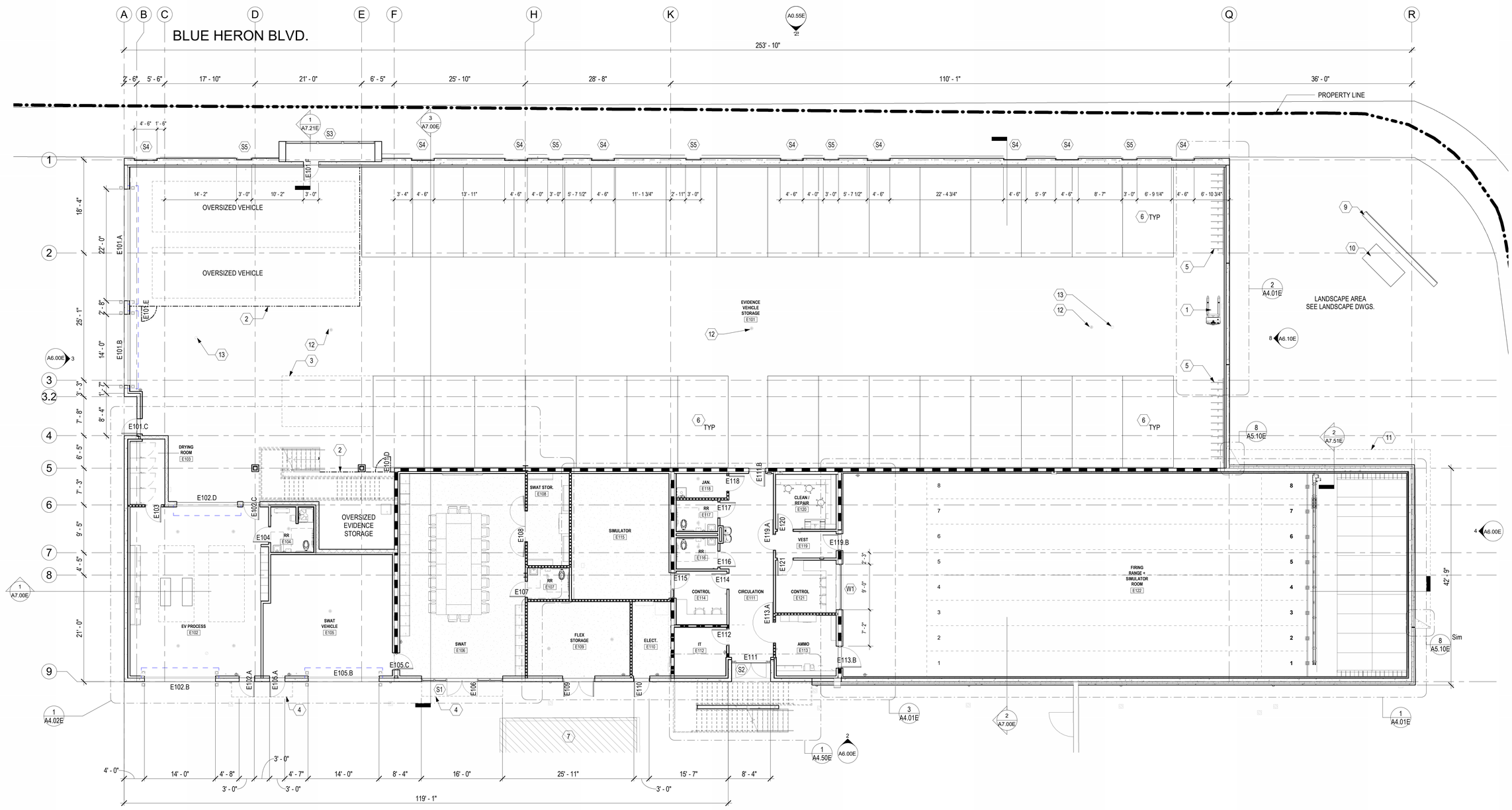
GENERAL NOTES

A REFER TO SHEETS G1.00E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B DASHED LINES REPRESENT ITEMS ABOVE.
C REFER TO SHEET I0.10 FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE A3 UNO.
D REFER TO SHEET I0.30E FOR DOOR, WINDOW, LOUVER, AND STOREFRONT ELEVATIONS.
E REFER TO SHEETS I0.30E FOR DOOR SCHEDULE & FOR TYPICAL DOOR DETAILS.
F FOR LOCKERS AND TOILET ROOM DIMENSIONS, REFER TO ENLARGED FLOOR PLANS.
G DIMENSIONS ARE TO COLUMN GRID, FACE OF MASONRY/CONCRETE/PRECAST, FACE OF METAL STUD, UNO.
H PROVIDE ALL NECESSARY FIREPROOFING MATERIALS TO MAINTAIN REQUIRED RATINGS.
I REFER TO SHEET G1.00E FOR LIFE SAFETY PLANS.
J REFER TO PLUMBING SHEETS FOR FLOOR DRAIN LOCATION COORDINATION.
K REFER TO SHEET A8.00 FOR TYPICAL EQUIPMENT MOUNTING HEIGHTS.
L REFER TO STRUCTURAL SHEET FOR TILT UP PANEL ELEVATIONS, OPENING DIMENSIONS AND DETAILS.
M REFER TO SHEET SERIES I2.21 FOR FINISH SCHEDULE AND KEY TO FINISHES.
N REFER TO SHEET I0.10 FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND WALL PRIORITIES.

SHEET NOTES

1 FORKLIFT STORAGE AREA
2 SECURED FENCE
3 TEMPORARY VEHICLE STORAGE
4 DASHED LINE REPRESENTS CANOPY ABOVE. REFER TO ADMIN BUILDING DRAWINGS FOR MORE INFORMATION.
5 WALL MOUNTED HIGH DENSITY BIKE RACK
6 DESIGNATED VEHICLE SPACE. TOTAL UNSECURED VEHICLE SPACES: 31
7 GENERATOR BUILDING. REFER TO ADMIN DRAWINGS FOR FURTHER INFORMATION.
9 EXTERIOR SIGNAGE. REFER TO ADMIN BUILDING DRAWINGS FOR MORE INFORMATION.
10 PEDESTAL. REFER TO ADMIN BUILDING DRAWINGS FOR FURTHER INFORMATION.
11 CAST IN PLACE CONCRETE SOFFIT ABOVE.
12 FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
13 FLOOR CLEANOUT. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION



OVERALL FIRST FLOOR PLAN 1/8" = 1'-0" (1)

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CLIENT

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Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA — LORRAINE LOHRUM — AR 96099 — REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/9/2025	Site Plan Resubmission

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET
DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
FLOOR PLAN, GROUND - EVIDENCE/ FIRING RANGE

SHEET NUMBER
A2.10E

GENERAL NOTES

A REFER TO SHEETS G1.00E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B DASHED LINES REPRESENT ITEMS ABOVE.

C REFER TO SHEET I0.10 FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE A3 UNO.

D REFER TO SHEET I0.30E FOR DOOR, WINDOW, LOUVER, AND STOREFRONT ELEVATIONS.

E REFER TO SHEETS I0.30E FOR DOOR SCHEDULE & FOR TYPICAL DOOR DETAILS.

F FOR LOCKERS AND TOILET ROOM DIMENSIONS, REFER TO ENLARGED FLOOR PLANS.

G DIMENSIONS ARE TO COLUMN GRID, FACE OF MASONRY/CONCRETE/PRECAST, FACE OF METAL STUD, UNO.

H PROVIDE ALL NECESSARY FIREPROOFING MATERIALS TO MAINTAIN REQUIRED RATINGS.

I REFER TO SHEET G1.00E FOR LIFE SAFETY PLANS.

J REFER TO PLUMBING SHEETS FOR FLOOR DRAIN LOCATION COORDINATION.

K REFER TO SHEET A8.00 FOR TYPICAL EQUIPMENT MOUNTING HEIGHTS.

L REFER TO STRUCTURAL SHEET FOR TILT UP PANEL ELEVATIONS, OPENING DIMENSIONS AND DETAILS.

M REFER TO SHEET SERIES I2.21 FOR FINISH SCHEDULE AND KEY TO FINISHES.

N REFER TO SHEET I0.10 FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND WALL PRIORITIES.

SHEET NOTES

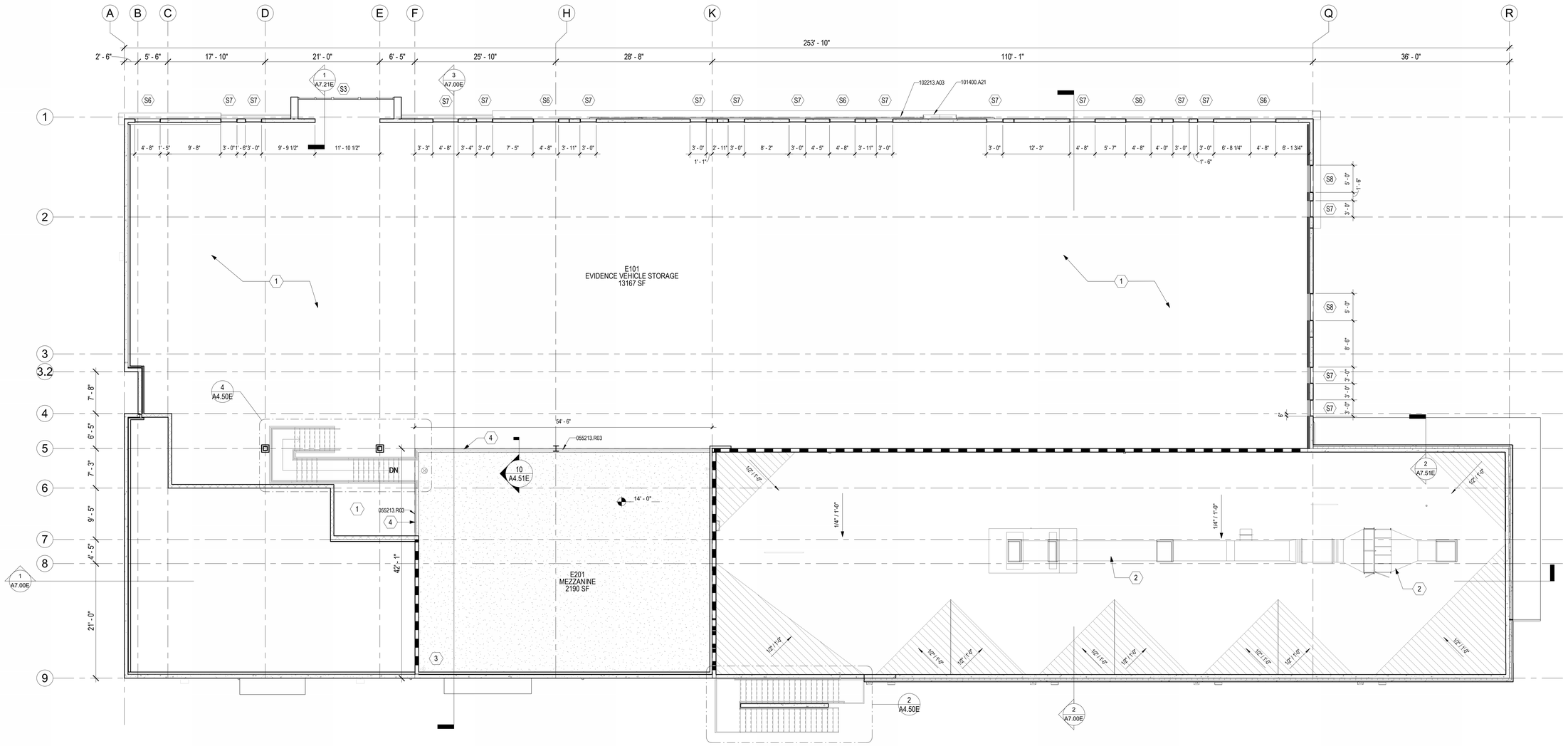
KEYNOTES: 0

1 OPEN TO BELOW

2 FIRING RANGE MECHANICAL EQUIPMENT BY VENDOR

3 REFER TO FINISH SCHEDULE FOR MORE INFORMATION

4 STAINLESS STEEL GUARDRAIL. REFER TO SPECS FOR MORE INFORMATION.



OVERALL FLOOR PLAN, MEZZANINE 1/8" = 1'-0" (1)

PLAN NORTH

0 4' 8' 16' 24' 32'

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

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1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA
SYNNIE LOHRUM
REGISTERED ARCHITECT
AR 96289

DRAWING HISTORY

№	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/9/2025	Site Plan Resubmission

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
FLOOR PLAN, MEZZANINE - EVIDENCE/ FIRING RANGE

SHEET NUMBER
A2.15E

GENERAL NOTES

1. DO NOT SCALE DRAWINGS, CONTACT ARCHITECT IN WRITING FOR CLARIFICATIONS OR MISSING DIMENSIONS.
2. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY, INACCURACY OR CONFLICTING INFORMATION IN WRITING BEFORE EXECUTION OF WORK.
3. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND ROOFTOP MECHANICAL EQUIPMENT.
4. PROVIDE WALKWAY PADS AROUND ALL ROOFTOP MECHANICAL EQUIPMENT.
5. PROVIDE WALKWAY PADS FROM ROOFTOP ACCESS MECHANICAL EQUIPMENT FOR PROTECTION.
6. REFER TO STRUCTURAL DRAWINGS FOR "ALLOWABLE" DESIGN WIND PRESSURE REQUIREMENTS RELATED TO THE ROOFING SYSTEM.
7. ROOFING SYSTEM TO HAVE CURRENT MIAMI DADE NOA AND/OR FLORIDA PRODUCT APPROVALS THAT MEET OR EXCEED THE DESIGN WIND PRESSURES.
8. REFER TO SHEET G0.02 FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
9. R-VALUE FOR ALL ROOF INSULATION IS TO BE EQUAL TO FLORIDA BUILDING CODE REQUIREMENT FOR THE CLIMATE ZONE REGION (1A).
10. PARAPET HEIGHTS ARE TO TOP OF TILT-WALL OR METAL STUD. PRESSURE TREATED WOOD NAILERS AND METAL COPING/ FLASHING OCCUR ABOVE THIS HEIGHT.

SHEET NOTES

- INDICATES 1/4" PER FOOT SLOPE TO DRAIN AT ROOF
- INDICATES ROOF PITCH
- WALK PADS
- .00.0 — NEW OR FINISH POINT ELEVATION
- A10 — SHEET KEYNOTE
- REFERENCE
- 10 / A7.101 — BUILDING SECTION REFERENCE

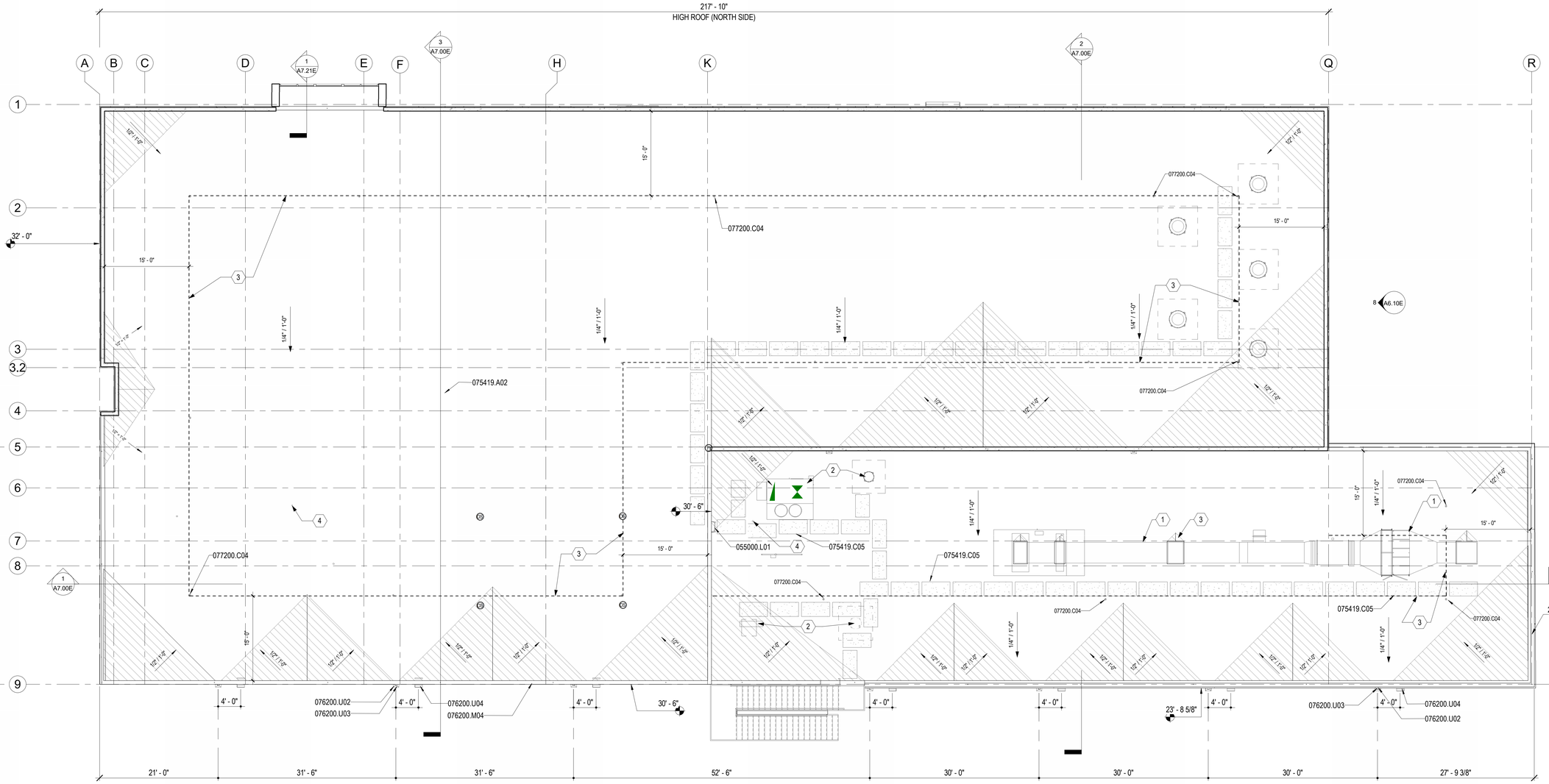
KEYNOTES: 0

1 FIRING RANGE MECHANICAL EQUIPMENT BY VENDOR
2 ROOF TOP MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
3 <varies>
4 VENT THRU ROOF (VTR). REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

MATERIAL LEGEND

055000.L01	STEEL LADDER
075419.A02	SINGLE-PLY PVC ROOFING MEMBRANE, FULLY ADHERED
075419.C05	ROOF WALKWAY PAD
076200.M04	PARAPET COPING
076200.U02	DOWNSPOUT
076200.U03	CONDUCTOR HEAD
076200.U04	SCUPPER
077200.C04	TIEBACK ANCHOR FOR FALL PROTECTION

HIGH ROOF (NORTH SIDE) ROOF AREA = 12,913 SF



HIGH ROOF (SOUTH) ROOF AREA = 4,435 SF

LOW ROOF (SHOOTING RANGE) ROOF AREA = 5,898 SF

OVERALL ROOF PLAN 1/8" = 1'-0" (1)

PLAN NORTH

0 4' 8' 16' 24' 32'
1/8" = 1'-0" GRAPHIC SCALE

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REGISTRATION

STATE OF FLORIDA · SUNNIE LORDUM · AR 90289 · REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/9/2025	Site Plan Resubmission

CONSULTANT

PROJECT STATUS

90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE

10/14/2025

PROJECT NAME

RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION

2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER

1007657.00

SHEET TITLE

FLOOR PLAN, ROOF - EVIDENCE/ FIRING RANGE

SHEET NUMBER

A2.30E

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B REFER TO SHEET SERIES G1.00E FOR LIFE SAFETY PLANS.
C ALL CEILING HEIGHTS ARE ABOVE FINISHED FLOOR.
E ALL SOFFITS ARE 7'-2" AFF UNO.
F WHERE LOCKERS ARE INSTALLED, COORDINATE SOFFIT HEIGHT WITH LOCKERS PROVIDED.
G REFER TO SHEET I2.21 FOR FINISH SCHEDULES AND FINIFH IDENTIFICATION SCHEDULES.
H REFER TO ELECTRICAL DRAWINGS FX, EL AND ET FOR COORDINATION OF ALL ELECTRICAL ITEMS SHOWN IN CEILING PLAN.
I REFER TO MECHANICAL DRAWINGS ME FOR COORDINATION OF ALL MECHANICAL ITEMS SHOWN IN CEILING PLAN.
J REFER TO ENGINEERING DRAWINGS FOR CEILING MOUNTED EQUIPMENT.
K COMMUNICATION DEVICES AND CEILING MOUNTED EQUIPMENT TO BE CENTERED IN CEILING TILE UNO.
L ALL CEILING GRIDS TO BE CENTERED IN ROOMS UNO.
M IN CASE OF DISCREPANCIES IN LOCATION OF COMPONENTS WITH ELECTRICAL DRAWINGS, THE REFLECTED CEILING PLAN SHALL GOVERN.
N SINGLE LIGHT FIXTURES IN GYPSUM BOARD CEILINGS TO BE CENTERED IN BOTH DIRECTIONS UNO.
O ACCESS PANELS TO BE PAINTED TO MATCH ADJACENT CEILING FINISH UNO.

SHEET NOTES

3 OPEN TO ABOVE
4 BULLET TRAP
5 BALLISTIC RATED BAFFLES
6 SAFETY CEILING
7 MECHANICAL EQUIPMENT
8 CONCRETE SOFFIT
9 FORENSICS VEHICLE PROCESSING CURTAIN TRACK. SEE SPECS FOR ADDITIONAL INFO

LIFE SAFETY SYMBOLS

UNRATED PARTITION
SMOKE PARTITION
1 HOUR FIRE BARRIER

INSULATION VALUES

CLIMATE ZONE 1A, CITY OF RIVIERA BEACH, FL (WARM-HUMID COUNTY) PALM BEACH COUNTY
HEATING LOAD - MAX 72 DEG. F
COOLING LOAD - MIN. 75 DEG. F

SPEC NO.	DESCRIPTION	DEPTH	R-VALUE
072200.R01	ROOF RIGID BOARD INSULATION (ENTIRELY ABOVE DECK)	3.5 INCHES	R-21ci
072113.R01	MASS (RIGID BOARD, EPS)	1 INCHES	R-5.7 ci
--	UNDERSLAB RIGID INSULATION	NR	NR
--	OPAQUE DOORS, NON-SWINGING*	--	R-4.75
SPEC NO.	DESCRIPTION	DEPTH	U-VALUE
--	FENESTRATION, FIXED	NR	0.50

SPEC NO.	DESCRIPTION	ORIENTATION	SHGC
--	FENESTRATION, FIXED	NORTH	0.37
SPEC NO.	DESCRIPTION	ORIENTATION	SHGC
--	FENESTRATION, FIXED	S,W,E	0.30

PER FBC, ENERGY CONSERVATION, TABLE C402.1.3
R-VALUES BASED ON STANDARD R-6 PER 1-INCH DEPTH OF INSULATION.
*REQUIRED FOR TEMPERATURE CONTROLLED INTERIOR SPACES.

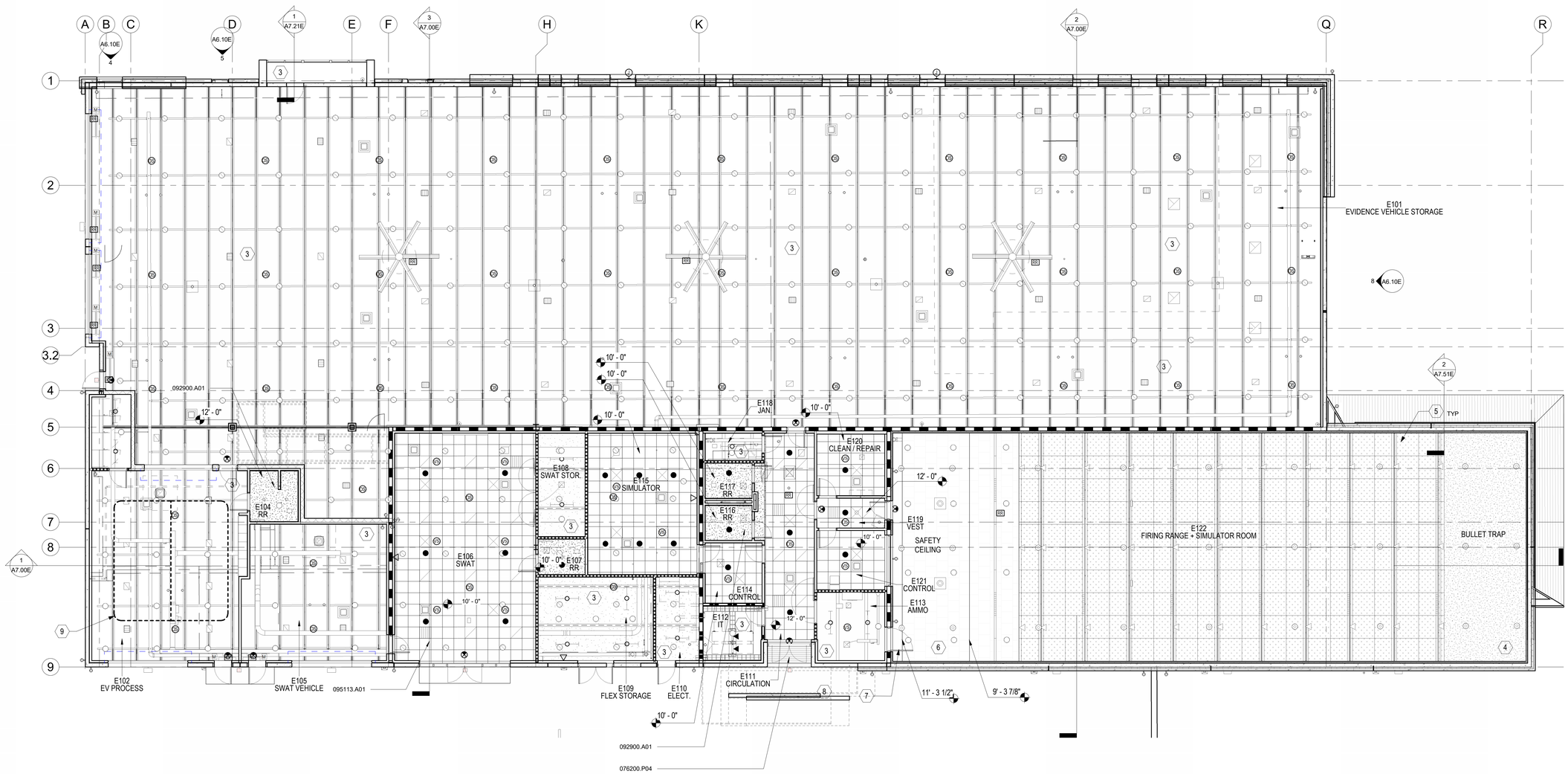
CEILING LEGEND

CEILING TYPES

ACOUSTICAL CEILING TILES 095113.A01
GYPSUM BOARD CEILING SYSTEM, UON 092900.A01
CONCRETE SOFFIT
OPEN TO STRUCTURE ABOVE

MATERIAL LEGEND

076200.P04	METAL SOFFIT PANEL SYSTEM
092900.A01	GYPSUM BOARD, REGULAR 5/8"
095113.A01	ACOUSTICAL CEILING UNITS



REFLECTED CEILING PLAN 1/8" = 1'-0" (1)

PLAN NORTH

0 4' 8' 16' 24' 32'
1/8" = 1'-0" GRAPHIC SCALE

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REGISTRATION
STATE OF FLORIDA
CORINNE LOHRUM
AR 99099
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
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DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
OVERALL REFLECTED CEILING PLAN - EVIDENCE/ FIRING RANGE

SHEET NUMBER
A3.10E

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B REFER TO SHEET SERIES G1.00E FOR LIFE SAFETY PLANS.
C ALL CEILING HEIGHTS ARE ABOVE FINISHED FLOOR.
E ALL SOFFITS ARE 7'-2" AFF UNO.
F WHERE LOCKERS ARE INSTALLED, COORDINATE SOFFIT HEIGHT WITH LOCKERS PROVIDED.
G REFER TO SHEET I2.21 FOR FINISH SCHEDULES AND FINIFH IDENTIFICATION SCHEDULES.
H REFER TO ELECTRICAL DRAWINGS FX, EL AND ET FOR COORDINATION OF ALL ELECTRICAL ITEMS SHOWN IN CEILING PLAN.
I REFER TO MECHANICAL DRAWINGS ME FOR COORDINATION OF ALL MECHANICAL ITEMS SHOWN IN CEILING PLAN.
J REFER TO ENGINEERING DRAWINGS FOR CEILING MOUNTED EQUIPMENT.
K COMMUNICATION DEVICES AND CEILING MOUNTED EQUIPMENT TO BE CENTERED IN CEILING TILE UNO.
L ALL CEILING GRIDS TO BE CENTERED IN ROOMS UNO.
M IN CASE OF DISCREPANCIES IN LOCATION OF COMPONENTS WITH ELECTRICAL DRAWINGS, THE REFLECTED CEILING PLAN SHALL GOVERN.
N SINGLE LIGHT FIXTURES IN GYPSUM BOARD CEILINGS TO BE CENTERED IN BOTH DIRECTIONS UNO.
O ACCESS PANELS TO BE PAINTED TO MATCH ADJACENT CEILING FINISH UNO.

SHEET NOTES

1 OPEN TO ABOVE

LIFE SAFETY SYMBOLS

UNRATED PARTITION
SMOKE PARTITION
1 HOUR FIRE BARRIER

INSULATION VALUES

CLIMATE ZONE 1A, CITY OF RIVIERA BEACH, FL (WARM-HUMID COUNTY) PALM BEACH COUNTY
HEATING LOAD - MAX 72 DEG. F
COOLING LOAD - MIN. 75 DEG. F

SPEC NO.	DESCRIPTION	DEPTH	R-VALUE
072200.R01	ROOF RIGID BOARD INSULATION (ENTIRELY ABOVE DECK)	3.5 INCHES	R-21ci
072113.R01	MASS (RIGID BOARD, EPS)	1 INCHES	R-5.7 ci
--	UNDERSLAB RIGID INSULATION	NR	NR
--	OPAQUE DOORS, NON-SWINGING*	--	R-4.75
SPEC NO.	DESCRIPTION	DEPTH	U-VALUE
--	FENESTRATION, FIXED	NR	0.50

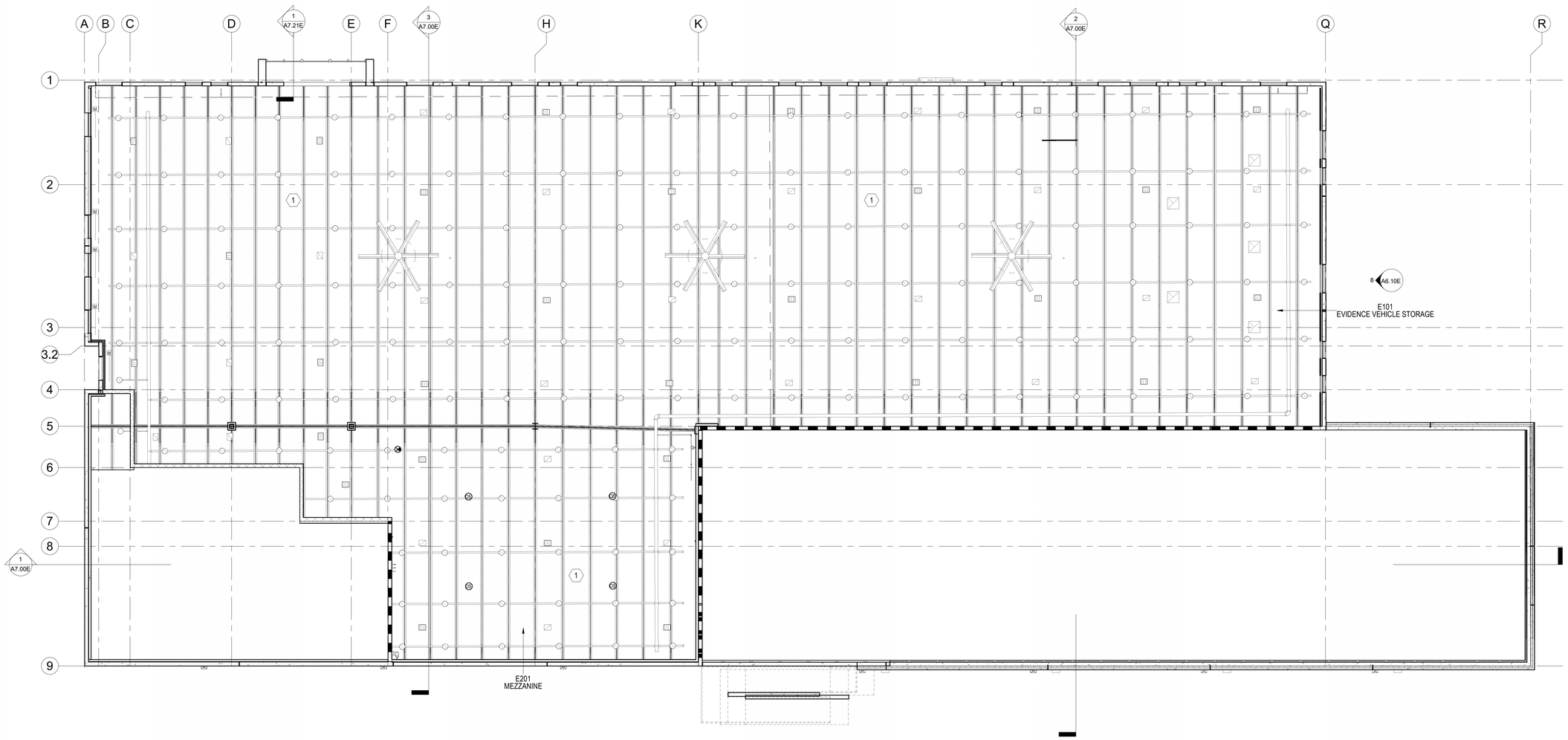
SPEC NO.	DESCRIPTION	ORIENTATION	SHGC
--	FENESTRATION, FIXED	NORTH	0.37
SPEC NO.	DESCRIPTION	ORIENTATION	SHGC
--	FENESTRATION, FIXED	S,W,E	0.30

PER FBC, ENERGY CONSERVATION, TABLE C402.1.3
R-VALUES BASED ON STANDARD R-6 PER 1-INCH DEPTH OF INSULATION.
*REQUIRED FOR TEMPERATURE CONTROLLED INTERIOR SPACES.

CEILING LEGEND

CEILING TYPES

ACOUSTICAL CEILING TILES 095113.A01
GYPSUM BOARD CEILING SYSTEM, UON 092900.A01
CONCRETE SOFFIT
OPEN TO STRUCTURE ABOVE



REFLECTED CEILING PLAN, MEZZANINE 1/8" = 1'-0" (1)

PLAN NORTH

0 4' 8' 16' 24' 32'
1/8" = 1'-0" GRAPHIC SCALE

FILE NAME: Autodesk Docs://_1007657.00_-_CORE_-_City_of_Riviera_Beach_D/1007657_-_RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:21 PM

CLIENT
CITY OF RIVIERA BEACH
1481 West 15 Street
Riviera Beach, FL 33404

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PUBLIC SAFETY CONSULTANT/ARCHITECT
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32750

REGISTRATION
STATE OF FLORIDA
LORRAINE LORIUM
AR 96098
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET
DATE OF ISSUE
10/14/2025

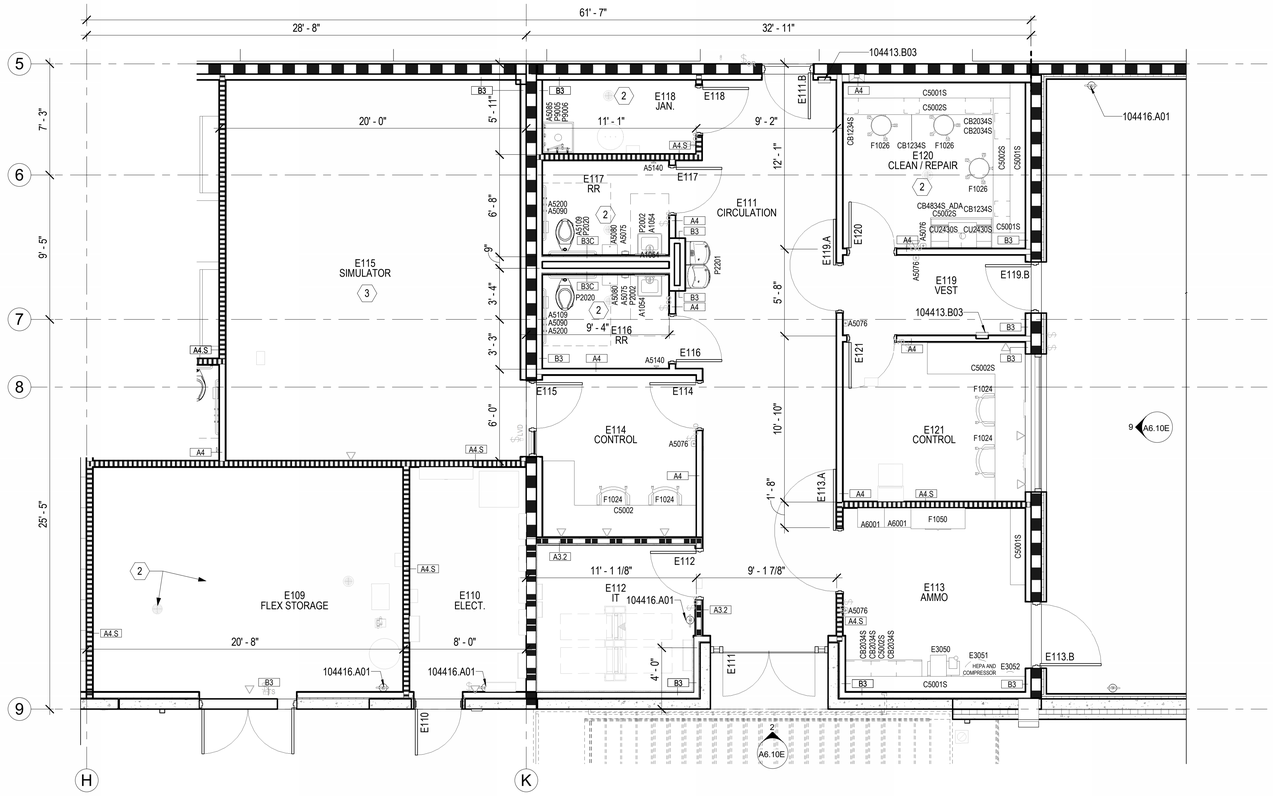
PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

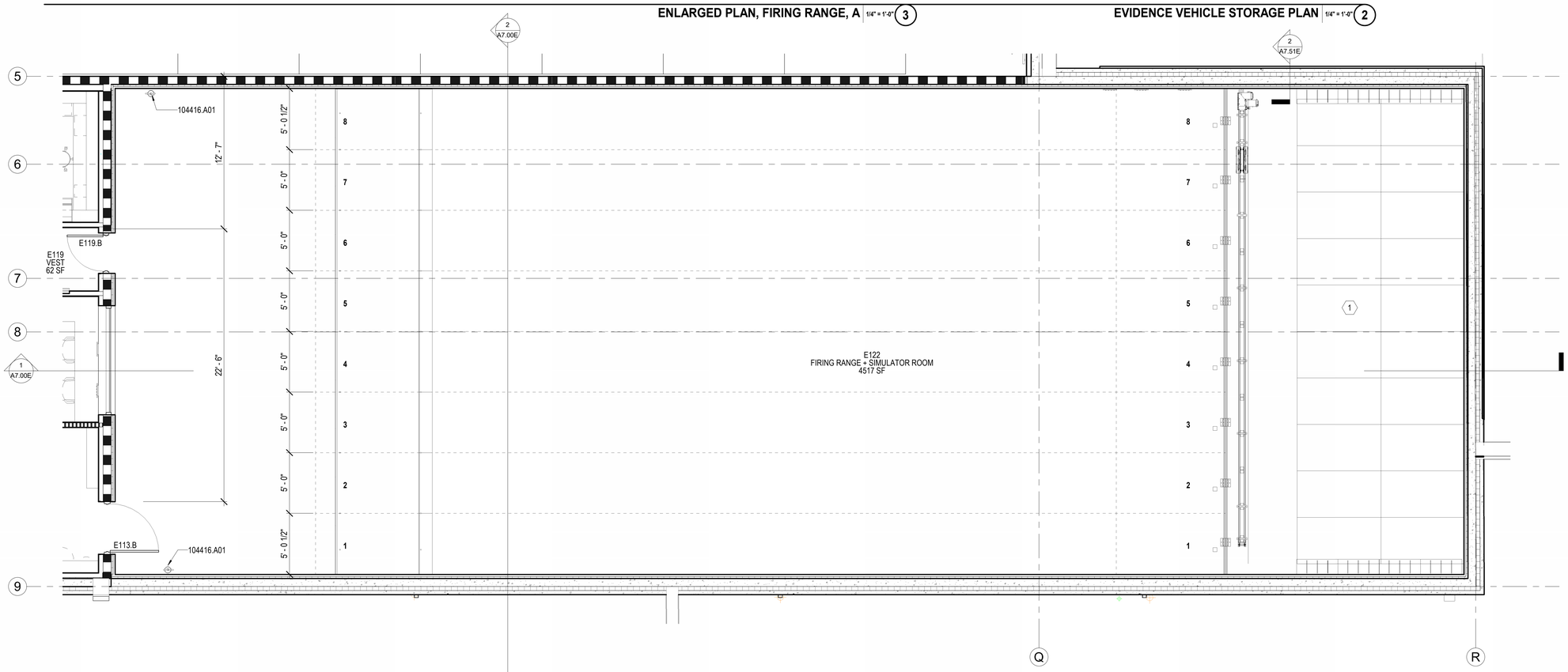
SHEET TITLE
OVERALL REFLECTED CEILING PLAN, MEZZANINE - EVIDENCE/ FIRING RANGE

SHEET NUMBER
A3.15E



ENLARGED PLAN, FIRING RANGE, A 1/4" = 1'-0" (3)

EVIDENCE VEHICLE STORAGE PLAN 1/4" = 1'-0" (2)



ENLARGED PLAN, FIRING RANGE, B 1/4" = 1'-0" (1)

PLAN NORTH

0 2' 4' 8' 12' 16'
1/4" = 1'-0" GRAPHIC SCALE

GENERAL NOTES

A REFER TO SHEETS G1.00E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B DASHED LINES REPRESENT ITEMS ABOVE.
C REFER TO SHEET I0.10 FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE A3 UNO.
D REFER TO SHEET I0.30E FOR DOOR, WINDOW, LOUVER, AND STOREFRONT ELEVATIONS.
E REFER TO SHEETS I0.30E FOR DOOR SCHEDULE & FOR TYPICAL DOOR DETAILS.
F FOR LOCKERS AND TOILET ROOM DIMENSIONS, REFER TO ENLARGED FLOOR PLANS.
G DIMENSIONS ARE TO COLUMN GRID, FACE OF MASONRY/CONCRETE/PRECAST, FACE OF METAL STUD, UNO.
H PROVIDE ALL NECESSARY FIREPROOFING MATERIALS TO MAINTAIN REQUIRED RATINGS.
I REFER TO SHEET G1.00E FOR LIFE SAFETY PLANS.
J REFER TO PLUMBING SHEETS FOR FLOOR DRAIN LOCATION COORDINATION.
K REFER TO SHEET A8.00 FOR TYPICAL EQUIPMENT MOUNTING HEIGHTS.
L REFER TO STRUCTURAL SHEET FOR TILT UP PANEL ELEVATIONS, OPENING DIMENSIONS AND DETAILS.
M REFER TO SHEET SERIES I2.21 FOR FINISH SCHEDULE AND KEY TO FINISHES.
N REFER TO SHEET I0.10 FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND WALL PRIORITIES.

SHEET NOTES

1 BULLET TRAP
2 FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
3 SIMULATOR ROOM TO BE FURNISHED WITH BOD: TAVOR 5-O SPEAKERS AND BENQ TH671ST PROJECTOR. FLAT PAINT TO BE PROVIDED ON WALL TO RECIEVE PROJECTED IMAGE. CONTRATOR TO COORDINATE FINAL INSTALLATION LOCATIONS WITH OWNER. OWNER PROVIDED EQUIPMENT.

MATERIAL LEGEND

104413.B03 FIRE EXTINGUISHER CABINET, SEMI-RECESSED
104416.A01 FIRE EXTINGUISHER

CLIENT
CITY OF RIVIERA BEACH
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32750

REGISTRATION
STATE OF FLORIDA — LORRAINE LORIUM — AR 0018098 — REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET
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PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
ENLARGED EQUIPMENT PLAN - LEVEL 1

SHEET NUMBER
A4.01E

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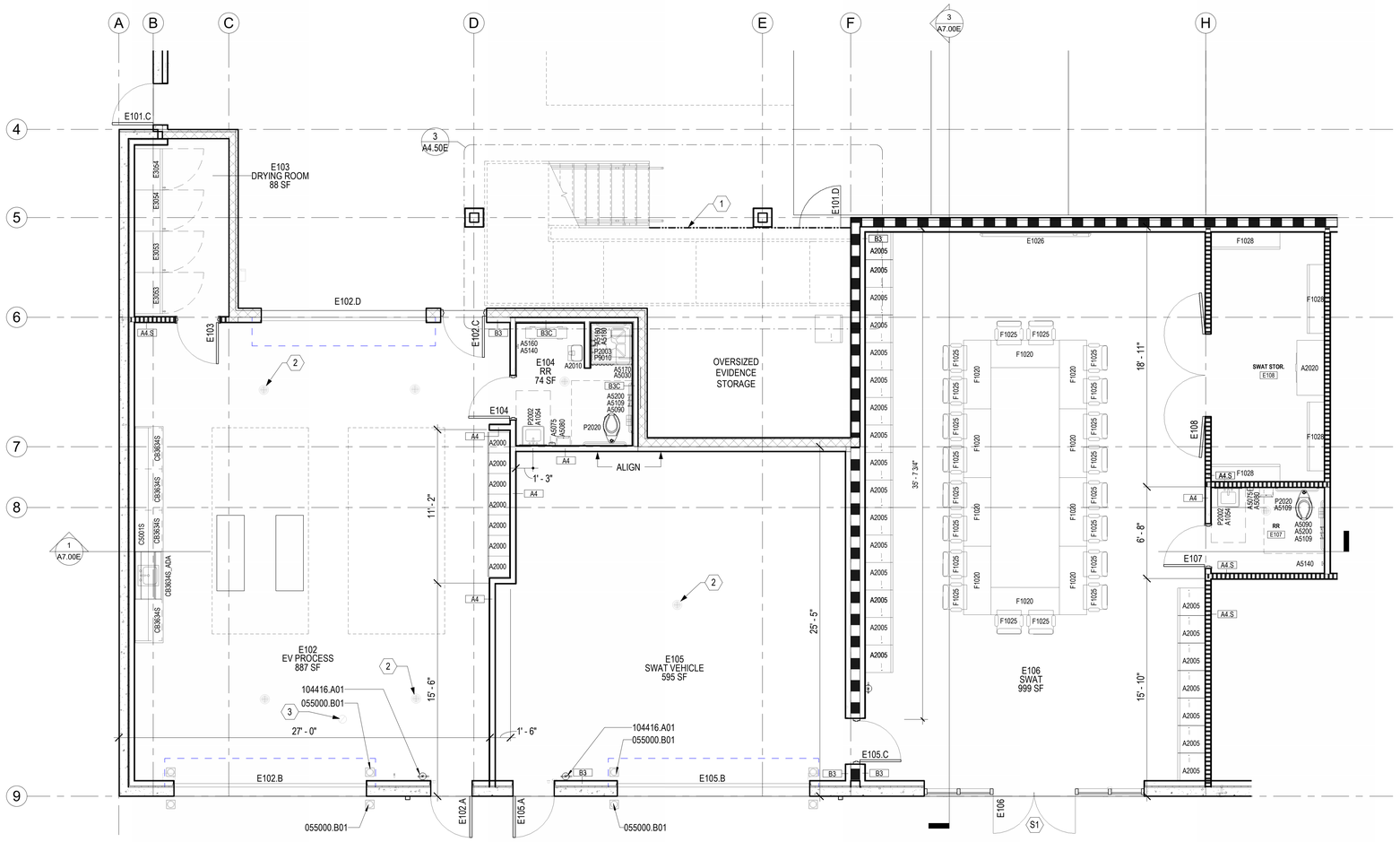

ENLARGED_FLOOR PLAN_01 LEVEL 1/4" = 1'-0" (1)

FFE SCHEDULE

EQUIPMENT CODE	DESCRIPTION	MANUFACTURER	MODEL NO.	PROVIDED BY	REMARKS
A1054	MIRROR, WALL MOUNTED 36X18 STAINLESS STEEL FRAME	BOBRICK	B-2908	CFCI	
A2000	24" WIDE 24" DEEP 71" HIGH FOREMAN® PREMIUM PHENOLIC Z-TIER US-STYLE LOCKER WITH ALUMINUM EXTRUDED PROFILE W/BENCH	FOREMAN LOCKERS SYSTEMS	EU Z-STYLE LOCKER WITH BENCH | SIGNATURE	CFCI	
A2005	LOCKER 24" WIDE 24" DEEP 76" TALL	TBD	TBD	CFCI	
A2010	WASTEPAPER BASKET, STEP-ON	BOBRICK	B-9279	CFCI	
A2020	CABINET STYLE INDOOR MAGAZINE BY ARMAG				
A5030	ACCESSIBLE SHOWER SEAT, WALL MOUNTED, FOLD DOWN	BOBRICK	B-517/B-518	CFCI	
A5075	SOAP DISPENSER, WALL MOUNTED	BOBRICK	B-2012	CFCI	
A5076	HAND SANITIZER DISPENSER, MANUAL, WALL MOUNTED, ADA	BOBRICK	B-2012	CFCI	
A5080	PAPER TOWEL DISPENSER, WALL MOUNTED.	BOBRICK	B-9262	CFCI	
A5085	MOP HOLDER, WALL MOUNTED	BOBRICK	B-239X34	CFCI	
A5090	SANITARY NAPKIN DISPENSER, WALL MOUNTED, STAINLESS STEEL.	BOBRICK	B-270	CFCI	
A5109	ADA GRAB BARS, WALL MOUNTED 36" AND 48", STAINLESS STEEL.	BOBRICK	B-9806	CFCI	
A5140	GARMENT HOOK, WALL MOUNTED, STAINLESS STEEL	BOBRICK	B-9541	CFCI	
A5160	WOOD (MAPLE) LOCKER BENCH W/ STAINLESS STEEL PEDESTALS, 9 1/2" W X 36" L X 17 1/2" H	SCHOOL LOCKERS	BST-09XX	CFCI	
A5170	SHOWER ROD AND CURTAIN, CONCEALED MOUNTED, 1" DIAMETER, STAINLESS STEEL, VINYL CURTAIN (72"), STAINLESS STEEL CURTAIN RINGS.	BOBRICK	204-1 / 204-3	CFCI	
A5180	ACCESSIBLE GRAB BAR, WALL MOUNTED, STAINLESS STEEL, 24"	BOBRICK	B-9806	CFCI	
A5200	TOILET TISSUE DISPENSER WITH SHELF, WALL MOUNTED, STAINLESS STEEL.	BOBRICK	B-6867	CFCI	
A6001	HEAVY DUTY AMMO STORAGE CABINET, 21" W X 15" D X 72" H	AMMO STORAGE CABINET	SMS-20-AMMO-72	CFCI	
A7000	HIGH DENSITY BIKE RACK	URBAN RACKS	4SSS	CFCI	
A8000	WALKIE STRADDLE STACKER ELECTRIC FORKLIFT	CROWN	M 3200-20	CFCI	
ALS2	ALS - COMMON PATH				
E1026	SMART BOARD,	SMART BOARD	7000R SERIES WITH iQ, SBID-7286R	CFCI	
E3050	SINGE-STAGE PORTABLE ELECTRIC AIR COMPRESSOR, 2HP, 20 GL, 5.5 CFM.	INGERSOLL RAND	GARAGE MATE MODEL P1.5IU-A9	CFCI	
E3051	HEPA VACUUM, DRY, 55 GL, 2HP, HEPA FILTER 99.99% AT 0.3 MICRON	NIKKRO INDUSTRIES, INC	HD55110	CFCI	
E3052	AIR CARTRIDGE FILTER, FLOOR MOUNTED	HANKISSON	SPX HF SERIES, HF5-24-6DG	CFCI	
E3053	DRYING CABINET WITH UV LIGHT	LABCONCO	TBD	CFCI	
E3054	DRYING CABINET WITH WASHDOWN	LABCONCO	TBD	CFCI	
F1020	FLIP-TOP RECT TABLE SQUARED EDGE LAM T-LEG 24D 48W	TBD	TBD	OFOI	
F1024	CHAIR, STACKABLE WITH CHAIR	TBD	TBD	OFOI	
F1026	WORK STOOL	TBD	TBD	CFCI	
F1028	HEAVY DUTY SHELVES				
P2003	PREFABRICATED SHOWER PAN, 36" x 36", SOLID SURFACE, ADA	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	
P2020	TOILET, FLOOR MOUNTED	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	
P2201	ADA REFRIGERATOR FOUNTAIN WITH BOTTLE FILLER	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	
P9005	MOP SINK BASIN, SURFACE MOUNTED	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	
P9006	SERVICE SINK FAUCET	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	
P9010	ACCESSIBLE, HAND-HELD SHOWER FIXTURE	REFER TO PLUMBING SCHEDULE	REFER TO PLUMBING SCHEDULE	CFCI	

CASEWORK SCHEDULE

CASEWORK NO.	DESCRIPTION	DEPTH	WIDTH	HEIGHT	QUANTITY	PROVIDED BY	REMARKS
C5001S	WALL MOUNTED SHELF	1' - 0"	<varies>	0' - 1"	6	CFCI	PL05
C5002	COUNTERTOP, PLAM	2' - 1"		2' - 10"	1	CFCI	PL03
C5002S	COUNTERTOP, STAINLESS STEEL	2' - 1"		2' - 10"	6	CFCI	PL05
CB1234S	BASE CABINET, STAINLESS STEEL	2' - 0"	1' - 0"	2' - 8 1/2"	3	CFCI	PL05
CB2034S	BASE CABINET, STAINLESS STEEL	2' - 0"	1' - 8"	2' - 8 1/2"	5	CFCI	PL05
CB3634S	BASE CABINET, STAINLESS STEEL	2' - 0"	3' - 0"	2' - 8 1/2"	4	CFCI	PL05
CB3634S_ADA	SINK COUNTER, ACCESSIBLE, WALL MOUNTED	2' - 0"	3' - 6"	2' - 8 1/2"	1	CFCI	PL03
CB4834S_ADA	SINK COUNTER, ACCESSIBLE, WALL MOUNTED	2' - 0"	4' - 0"	2' - 8 1/2"	1	CFCI	PL03
CU2430S	UPPER CABINETS, STAINLESS STEEL	1' - 0"	2' - 0"	2' - 6"	2	CFCI	PL05

GENERAL NOTES

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M REFER TO SHEET SERIES I2.21 FOR FINISH SCHEDULE AND KEY TO FINISHES.
N REFER TO SHEET I0.10 FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND WALL PRIORITIES.

SHEET NOTES

1 SECURED FENCE
2 FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
3 FLOOR CLEANOUT. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

MATERIAL LEGEND

055000.B01 STEEL BOLLARD
104416.A01 FIRE EXTINGUISHER

PROCUREMENT LEGEND

OFCI: OWNER FURNISHED CONTRACTOR INSTALLED
OFOI: OWNER FURNISHED OWNER INSTALLED
CFCI: CONTRACTOR FURNISHED CONTRACTOR INSTALLED

NOTE: CONTRACTOR TO COORDINATE ALL FF&E ITEMS

PLAN NORTH

0 2' 4' 8' 12' 16'
1/4" = 1'-0" GRAPHIC SCALE

CLIENT

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REGISTRATION

STATE OF FLORIDA
LYNNIE LONDRUM
AR 96299
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
ENLARGED EQUIPMENT PLAN - LEVEL 1

SHEET NUMBER
A4.02E

FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
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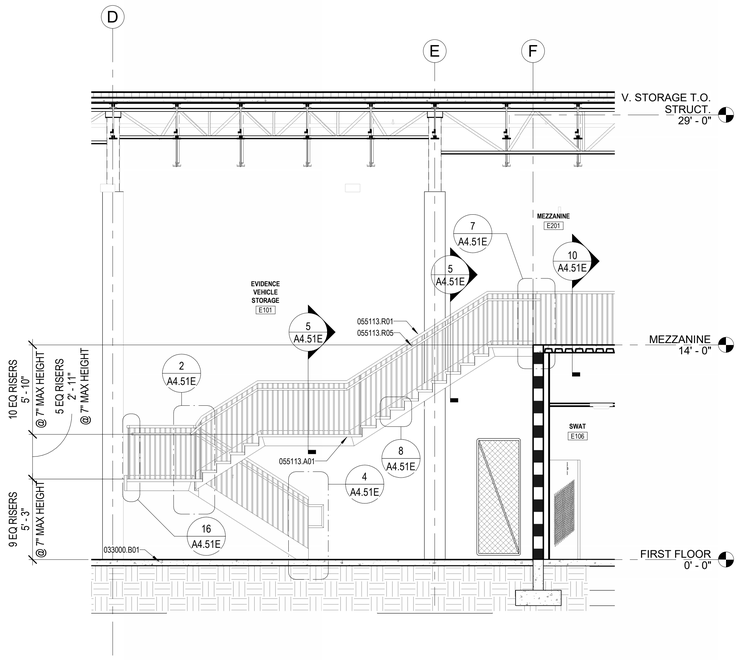
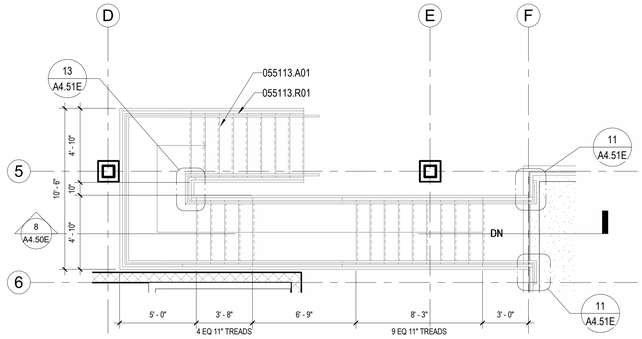
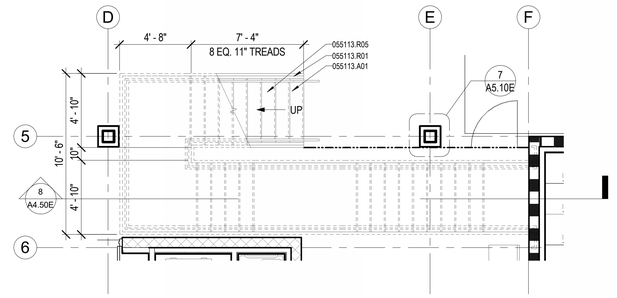


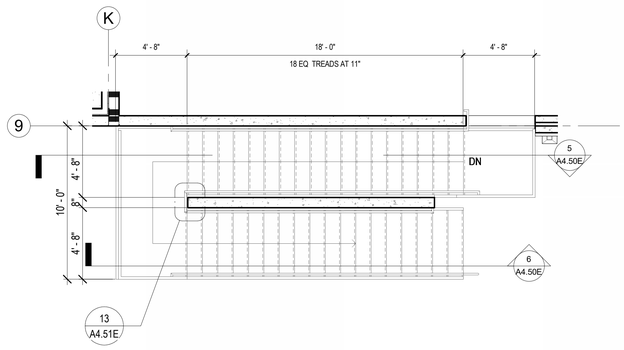
8 1/4" = 1'-0" **SECTION THRU EVIDENCE VEHICLE STORAGE STAIR**



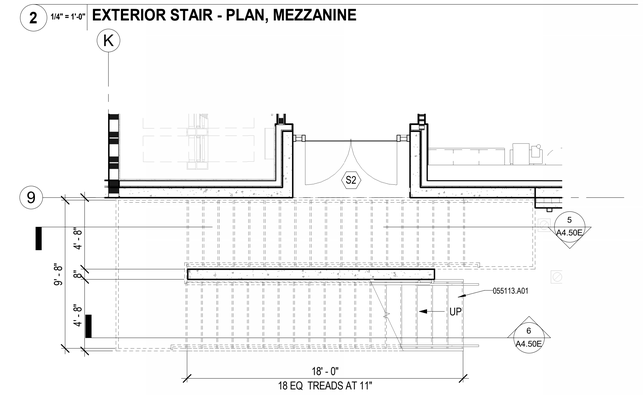
4 1/4" = 1'-0" **EVIDENCE VEHICLE STORAGE STAIR - PLAN, MEZZANINE**



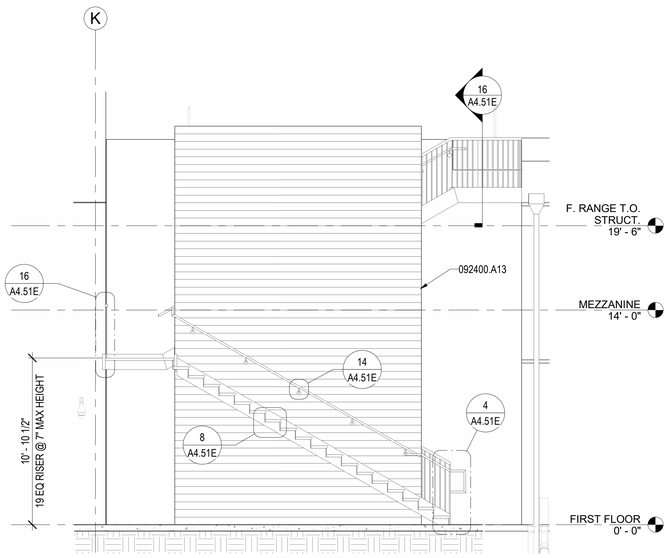
3 1/4" = 1'-0" **EVIDENCE VEHICLE STORAGE STAIR - PLAN**



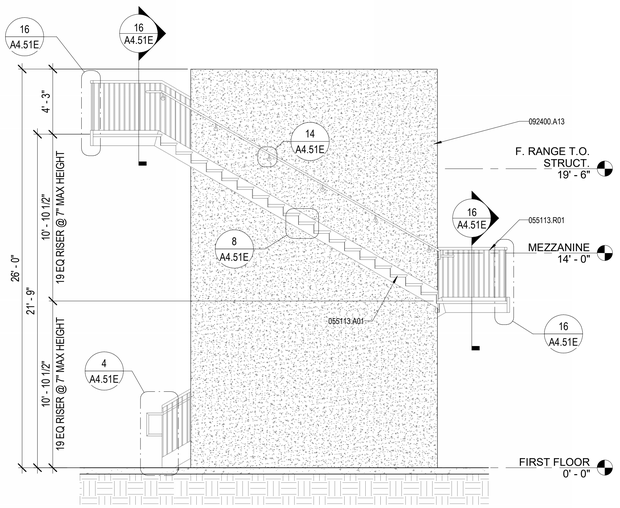
2 1/4" = 1'-0" **EXTERIOR STAIR - PLAN, MEZZANINE**



1 1/4" = 1'-0" **EXTERIOR STAIR - PLAN**



6 1/4" = 1'-0" **SECTION THRU EXTERIOR STAIR**



5 1/4" = 1'-0" **SECTION THRU EXTERIOR STAIR**

GENERAL NOTES

SHEET NOTES

MATERIAL LEGEND

033000.B01	CONCRETE SLAB
055113.A01	STEEL STAIR
055113.R01	STEEL GUARDRAIL
055113.R05	STEEL HANDRAIL
092400.A13	3-COAT STUCCO SYSTEM

CLIENT

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REGISTRATION

STATE OF FLORIDA
JENNIE LOHRUM
AR 96288
REGISTERED ARCHITECT

DRAWING HISTORY

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2125 AVENUE S,
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33404

PROJECT NUMBER
1007657.00

SHEET TITLE
STAIR PLANS AND SECTIONS

SHEET NUMBER
A4.50E

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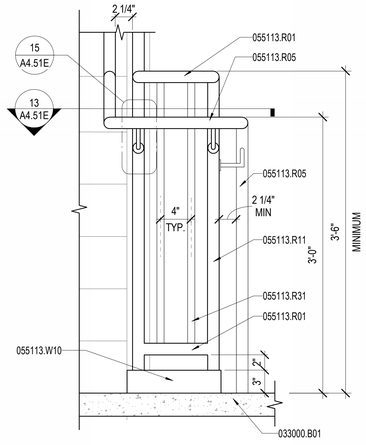
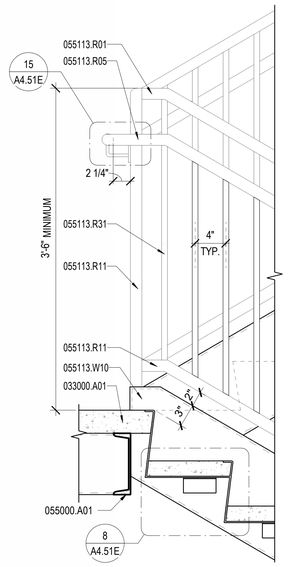
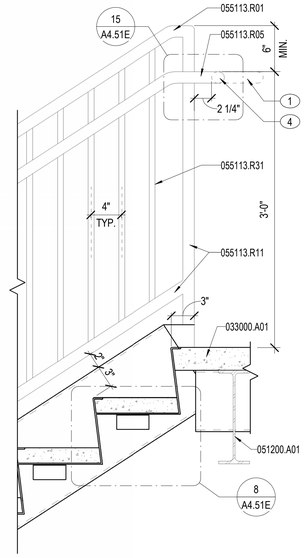


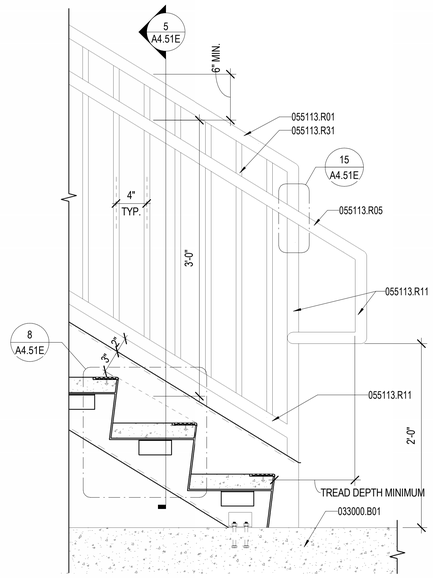
1 1 1/2" = 1'-0" **INTERMEDIATE LANDING**



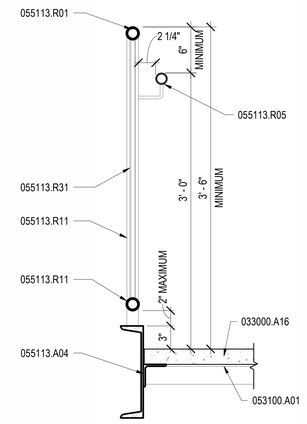
2 1 1/2" = 1'-0" **INTERMEDIATE LANDING**



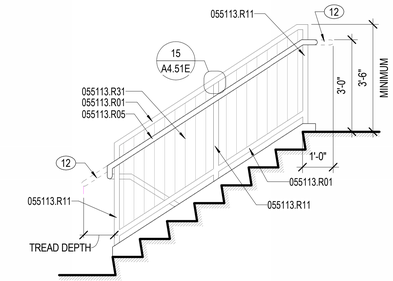
3 1 1/2" = 1'-0" **TOP LANDING, TYPICAL**



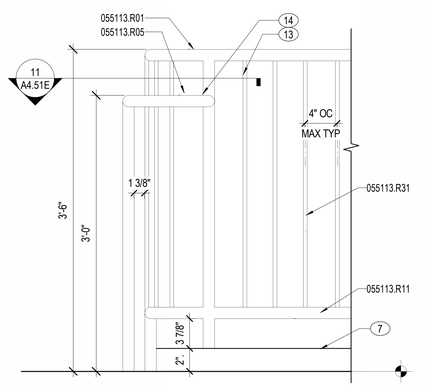
4 1 1/2" = 1'-0" **BOTTOM LANDING, TYPICAL**



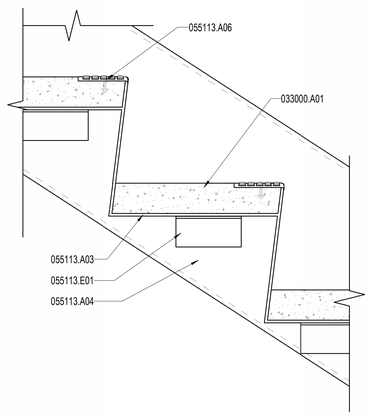
5 1 1/2" = 1'-0" **GUARDRAIL WITH HANDRAIL**



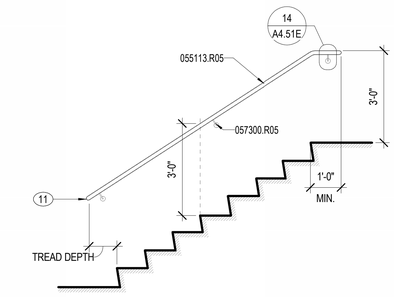
6 1/2" = 1'-0" **STAIR RAILING AT GUARDRAIL**



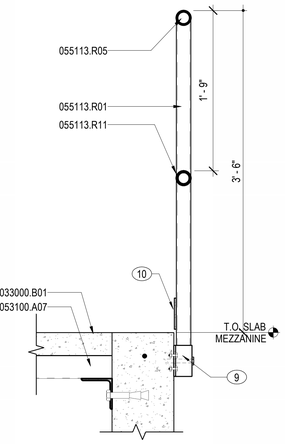
7 1 1/2" = 1'-0" **RAILING AND GUARDRAIL AT TOP LANDING**



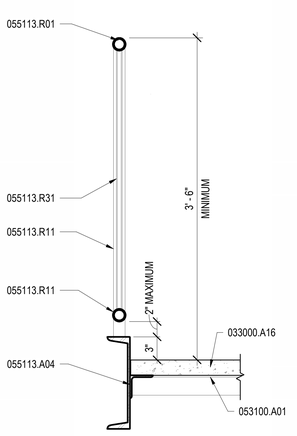
8 3" = 1'-0" **TYPICAL TREAD WITH SAFETY NOSING**



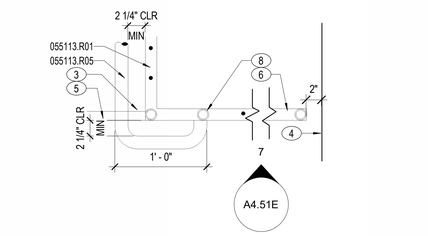
9 1/2" = 1'-0" **TYPICAL STAIR RAILING AT WALL**



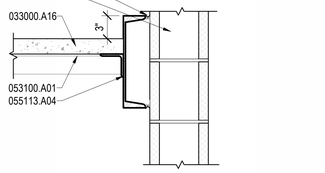
10 1 1/2" = 1'-0" **MEZZANINE GUARDRAIL DETAIL**



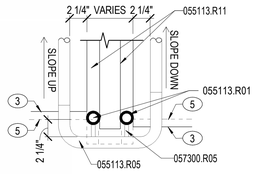
16 1 1/2" = 1'-0" **GUARDRAIL**



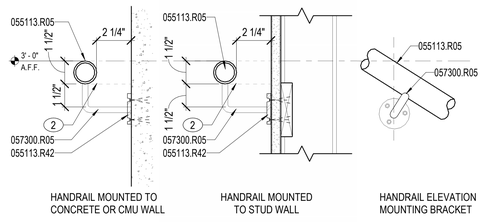
11 1 1/2" = 1'-0" **HANDRAIL AND GUARDRAIL AT TOP LANDING**



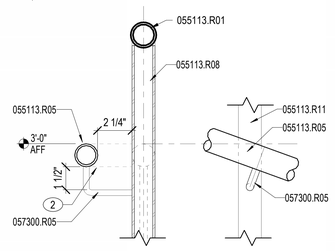
12 1 1/2" = 1'-0" **STAIR MID LANDING**



13 1 1/2" = 1'-0" **HANDRAIL/GUARDRAIL AT LANDING**



14 3" = 1'-0" **WALL MOUNTED HANDRAIL**



15 3" = 1'-0" **GUARDRAIL MOUNTED HANDRAIL**

GENERAL NOTES

1	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
2	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY, INACCURACY OR CONFLICTING INFORMATION BEFORE EXECUTION OF WORK.
3	DO NOT SCALE DIMENSIONS FROM DRAWINGS, ANY UNKNOWN DIMENSION SHALL BE OBTAINED FROM DESIGN PROFESSIONALS VIA REQUEST FOR INFORMATION (RFI).
4	CONTRACTOR SHALL FIELD COORDINATE LOCATION, SIZE AND TYPE OF BLOCKING FOR INSTALLATION OF SIGNAGE, PLUMBING FIXTURES, MILLWORK, ETC. ALL CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED (F.R.T).
5	ALL SHAFTS PENETRATING SLABS SHALL BE RATED 2HR.
6	ALL ROOF SLOPES SHALL BE 1/4" PER FOOT U.N.O.
7	REFER TO SHEETS A5.01T AND A5.02T FOR TYPICAL ROOF DETAILS.

SHEET NOTES

1	WHERE GUARDRAIL DOES NOT OCCUR, EXTEND HANDRAIL 12" FROM FACE OF STAIR.
2	CLOSE ENDS OF HANDRAILS AND RETURN HANDRAIL TO WALL AT ENDS.
3	FRONT EDGE OF TREAD BELOW.
4	EXTEND WRAP AROUND HANDRAIL A MINIMUM OF 12" PAST FACE OF GUARDRAIL.
5	LINE OF RISER.
6	ANGLE AT EDGE OF SLAB
7	BENT CLOSURE PLATE AT EDGE OF SLAB.
8	VERTICAL GUARDRAIL POST
9	PIPE RAIL SLEEVE WITH SOLID BOTTOM AND SET SCREW
10	STEEL FILLER PLATE AT EDGE OF LANDING
11	SECURE FLASHING COLLAR FLANGE TO ROOF PANEL AND NOT TO METAL BEAD OF DECK.
12	WHERE HANDRAIL DOES NOT WRAP, EXTEND 12" BEYOND TOP (OR BOTTOM) RISER
13	1/2" DIAMETER STEEL ROD BALUSTERS SPACES 4" OC MAX.
14	WHERE HANDRAILS ARE SUPPORTED BY GUARDRAILS - ALL HANDRAIL TERMINATIONS WILL BE TO A VERTICAL GUARDRAIL POST.

MATERIALS LIST

033000.A01	CAST-IN-PLACE CONCRETE
033000.A16	CONCRETE TIE BEAM
033000.B01	CONCRETE SLAB
042200.D03	CMU 8"
051200.A01	STEEL BEAM
053100.A01	STEEL DECK
053100.A07	STEEL ROOF DECK
055000.A01	STEEL CHANNEL
055113.A03	STEEL PAN STAIR TREAD
055113.A04	STEEL CHANNEL STRINGER
055113.A06	SAFETY NOSING
055113.E01	STEEL PLATE
055113.R01	STEEL GUARDRAIL
055113.R05	STEEL HANDRAIL
055113.R08	STEEL GUARDRAIL POST
055113.R11	STEEL PIPE 1 1/2" OD NOM
055113.R31	ROD 1/2" DIA
055113.R42	WALL BRACKET FILLER PLATE
055113.W10	STEEL TOE PLATE
057300.R05	FLANGE
079200.Q01	JOINT SEALANT

0 1' 2' 4' 6' 8'
1/2" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

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REGISTRATION

STATE OF FLORIDA
LORINNE LOHRUM
AR 96299
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

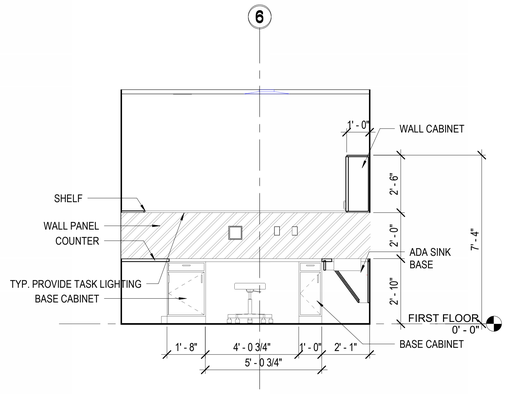
PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

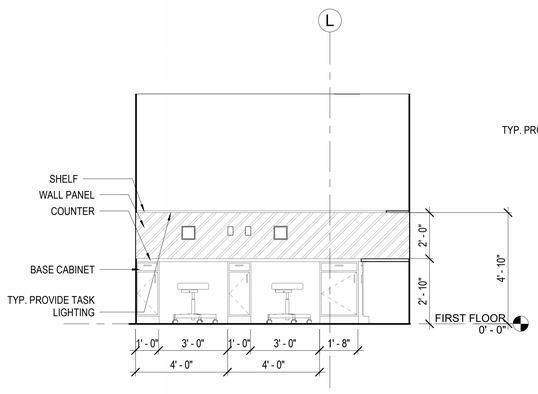
SHEET TITLE
VERTICAL CIRCULATION DETAILS

SHEET NUMBER
A4.51E

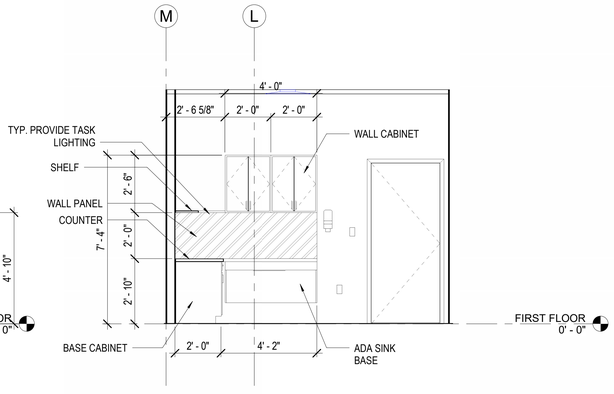
FILE NAME: Autodesk Docs://1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:41 PM



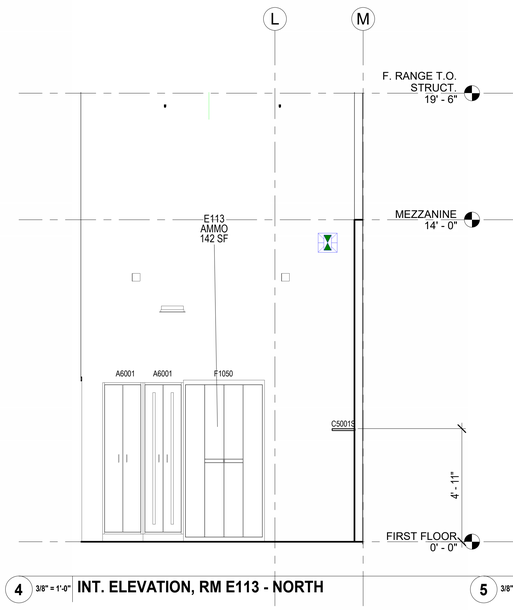
1 3/8" = 1'-0" **INT. ELEVATION, RM E120 - EAST**



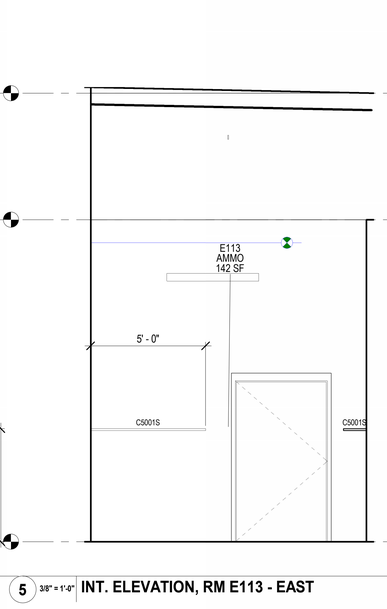
2 3/8" = 1'-0" **INT. ELEVATION, RM E120 - NORTH**



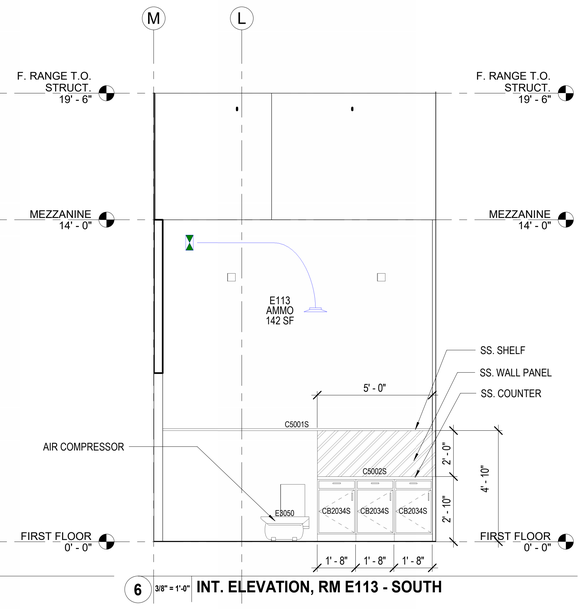
3 3/8" = 1'-0" **INT. ELEVATION, RM E120 - SOUTH**



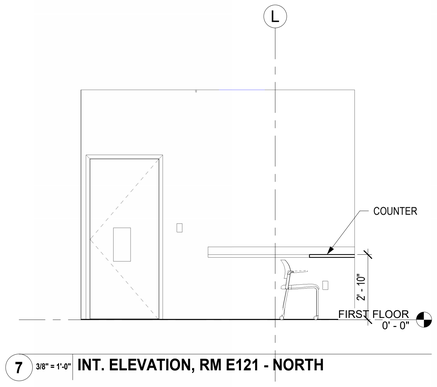
4 3/8" = 1'-0" **INT. ELEVATION, RM E113 - NORTH**



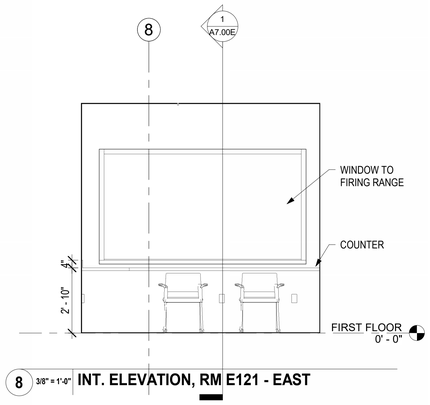
5 3/8" = 1'-0" **INT. ELEVATION, RM E113 - EAST**



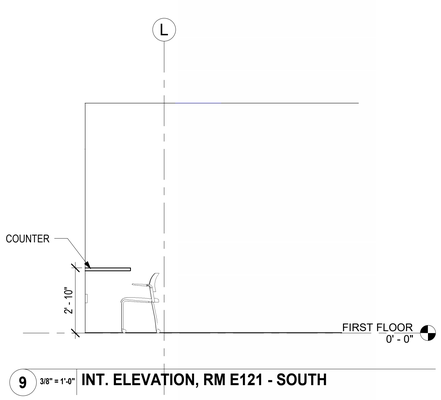
6 3/8" = 1'-0" **INT. ELEVATION, RM E113 - SOUTH**



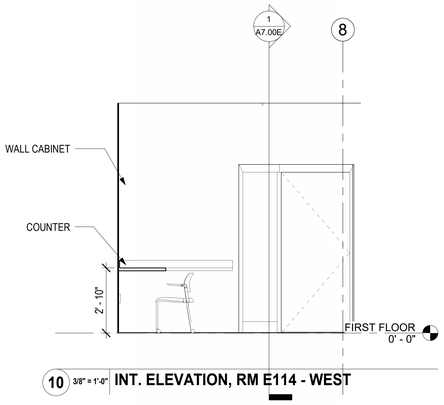
7 3/8" = 1'-0" **INT. ELEVATION, RM E121 - NORTH**



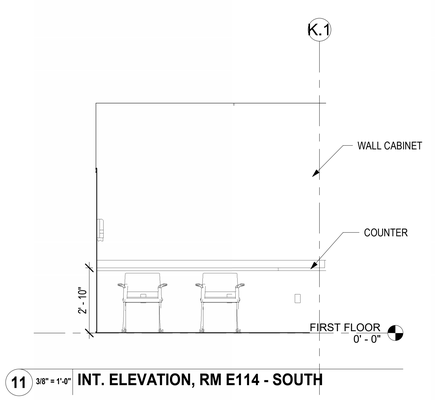
8 3/8" = 1'-0" **INT. ELEVATION, RM E121 - EAST**



9 3/8" = 1'-0" **INT. ELEVATION, RM E121 - SOUTH**



10 3/8" = 1'-0" **INT. ELEVATION, RM E114 - WEST**



11 3/8" = 1'-0" **INT. ELEVATION, RM E114 - SOUTH**

PLAN NORTH

0 1' 2' 4' 6' 8' 10'
3/8" = 1'-0" GRAPHIC SCALE

GENERAL NOTES

A FINISH SCHEDULE FOLLOW SHEET NORTH.

B REFER TO REFLECTED CEILING PLAN SHEETS A3.01E FOR CEILING HEIGHTS AND DESIGN COORDINATION.

C INTERIOR DOOR FRAMES AND INTERIOR WINDOW FRAMES PAINTED TO MATCH ADJACENT WALL, UNLESS OTHERWISE NOTED.

D FLOOR TRANSITIONS BETWEEN ROOMS TO BE AT CENTER LINE OF DOOR, UNLESS OTHERWISE NOTED.

E CHANGES IN LEVEL OF 1/4" HIGH MAX ARE TO BE PERMITTED VERTICAL. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM ARE TO BE BEVELED WITH A SLOPE NO STEEPER THAN 1:2.

F PAINT WALL BEHIND CORNER GUARDS AS SCHEDULED FINISH SCHEDULE.

G REFER TO SHEET A4.01E AND A4.02E FOR CASEWORK MATERIAL LEGEND, MISCELLANEOUS LEGEND.

H FINISHES INDICATED ARE THE APPROVED BASIS OF DESIGN TO CONVEY COLOR, PATTERN, TEXTURE AND SALIENT CHARACTERISTICS ONLY. THE LIST OF MANUFACTURER INFORMATION IS NOT INTENDED TO LIMIT THE SELECTION OF PRODUCTS PROVIDED BY OTHER MANUFACTURER. PRODUCT SUBSTITUTIONS MEETING THESE CRITERIA WILL BE CONSIDERED AND ARE TO BE REVIEWED BY THE ARCHITECT OF RECORD AND APPROVED BY THE USER GROUP.

SHEET NOTES

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CONSULTANT

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RBPD EVIDENCE & FIRE RANGE BUILDING

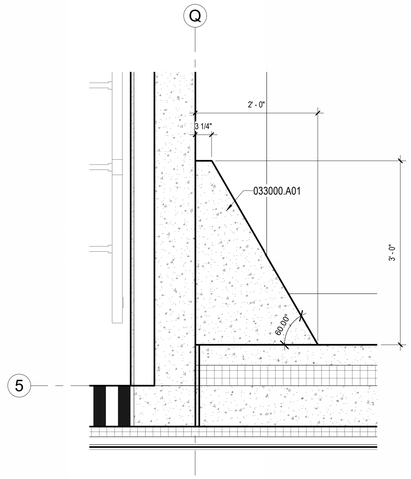
PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

PROJECT NUMBER
1007657.00

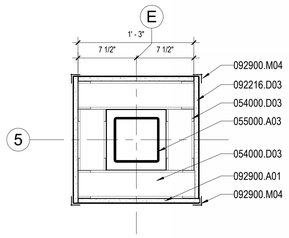
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A4.03E

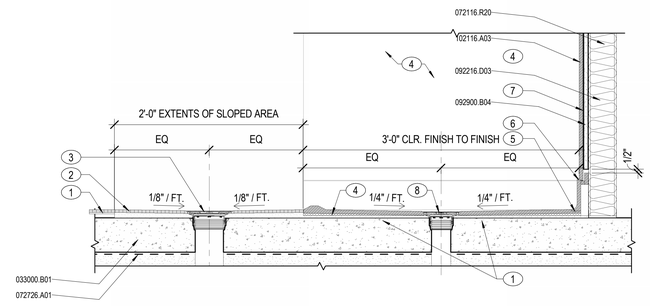
FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:45 PM



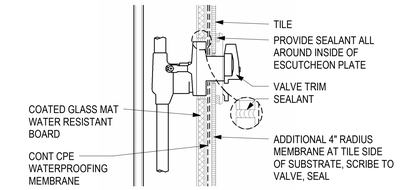
8 1" = 1'-0" **EXTERIOR CONCRETE PLAN DETAIL**



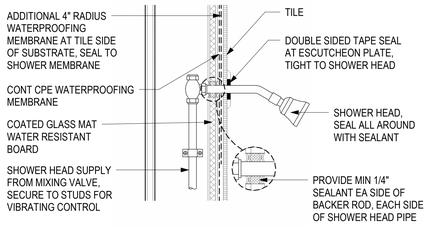
7 1 1/2" = 1'-0" **COLUMN DETAIL**



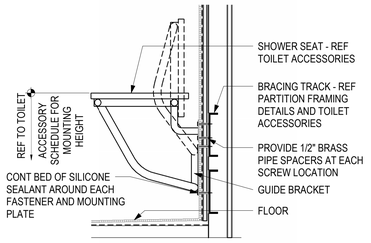
6 1 1/2" = 1'-0" **ADA COMPLIANT TRANSFER SHOWER**



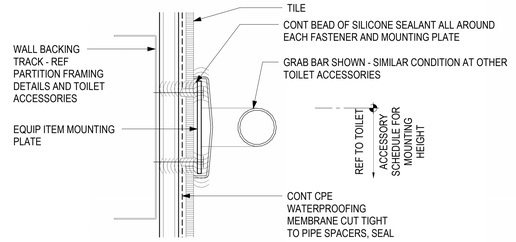
5 3" = 1'-0" **SHOWER CONTROL VALVE PENETRATION DETAIL**



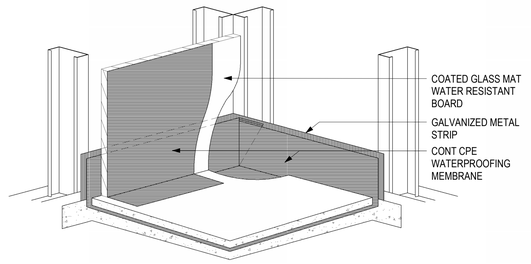
4 3" = 1'-0" **SHOWER HEAD PENETRATION DETAIL**



3 1 1/2" = 1'-0" **ACCESSIBLE SHOWER SEAT PENETRATION DETAIL**



2 6" = 1'-0" **TOILET ACCESSORIES PENETRATION DETAIL AT TILED WALL**



1 NOT TO SCALE **FOLDED CORNER AT RECESSED SHOWER**

GENERAL NOTES

A REFER TO SHEETS G-001 FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B DASHED LINES REPRESENT ITEMS ABOVE.
C DASHED LINES AND ARROWS AT DOORS INDICATE MINIMUM ADA CLEARANCES AND APPROACHES.
D MILLWORK & SPECIALTY EQUIPMENT SHOWN FOR REFERENCE ONLY.
E PLUMBING FIXTURES SHOWN FOR REFERENCE ONLY. REFER TO PLUMBING SHEETS FOR MORE INFORMATION.
F REFER TO FINISH SCHEDULE ON AE802 FOR TILE COORDINATION.
G ALL FLOOR SLOPE LINES INDICATE SLOPE TO FLOOR DRAIN (2% SLOPE MAX) TYP WHERE SHOWN
H EVERY SOAP DISPENSER (COUNTER-MOUNTED OR WALL-MOUNTED) WILL BE OWNER PROVIDED. EVERY SHOWER WILL HAVE TWO SOAP DISPENSERS THAT WILL BE INSTALLED BY THE CONTRACTOR, TYP.
J CONTRACTOR TO SUPPLY AND INSTALL SURFACED MOUNTED TOILET SEAT COVER DISPENSERS (102800.A50) FOR ALL TOILETS
K ALL APPLICABLE ITEMS IN LOCKER ROOMS, FAMILY CHANGING ROOMS AND TOILET ROOMS TO BE INSTALLED WITH STAINLESS STEEL HARDWARE, TYP

SHEET NOTES

1 LATEX MODIFIED 3/16" THICK THIN-SET, TYP.
2 REFER TO FINISH SCHEDULE FOR FINISH.
3 FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
4 POLYURETHANE EXPANDING FOAM. (PART OF BASE)
5 COVED PERIMETER.
6 1/8" SILICONE SEAL AT BASE OF WALL PANEL.
7 1/16" SILICONE ADHESIVE BEHIND WALL PANEL.
8 SHOWER DRAIN, REFER TO PLUMBING DRAWINGS.

MATERIALS LIST

033000.A01	CAST-IN-PLACE CONCRETE
033000.B01	CONCRETE SLAB
054000.D03	METAL STUD 3 5/8"
055000.A03	STEEL TUBE
072116.R20	SOUND ATTENUATION BATTS
072726.A01	FLUID-APPLIED AIR BARRIER, VAPOR-RETARDING
092216.D03	METAL STUD 3 5/8"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.B04	GYPSUM BOARD TILE BACKER UNIT, GLASS MAT FACED, 5/8"
092900.M04	CORNERBEAD
102116.A03	PHENOLIC-CORE SHOWER/DRESSING COMPARTMENT

0 6" 1' 2' 3' 4'
1" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

0 1" 2" 3" 6"
6" = 1'-0" GRAPHIC SCALE

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JL2 ARCHITECTURE INC.
1678 Kingston Road
Longwood, FL
32750

REGISTRATION

STATE OF FLORIDA · LORRAINE LORIUM · AR 96289 · REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

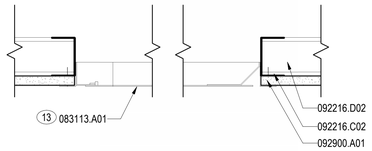
PROJECT LOCATION
2125 AVENUE S,
RIVIERA BEACH, FL
33404

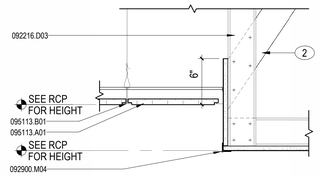
PROJECT NUMBER
1007657.00

SHEET TITLE
PLAN DETAILS

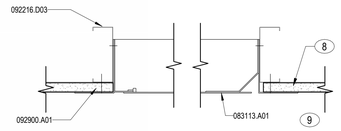
SHEET NUMBER
A5.10E

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:41:49 PM

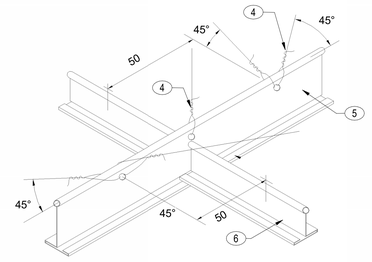




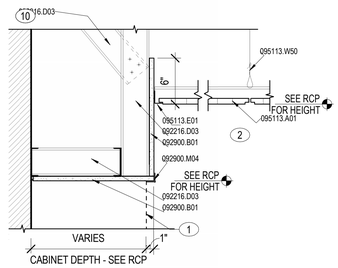
5 1 1/2" = 1'-0" BULKHEAD DETAIL



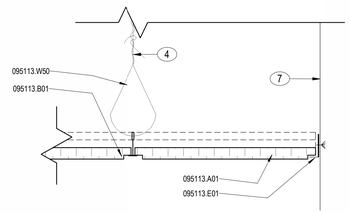
4 3" = 1'-0" ACCESS PANEL



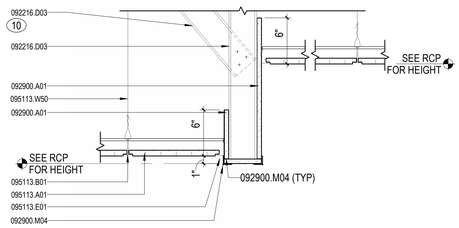
8 3" = 1'-0" CEILING ACCESS HATCH DETAIL



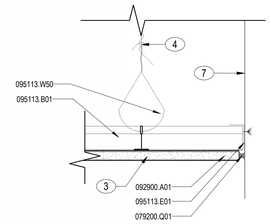
3 3" = 1'-0" SUSPENSION SYSTEM DETAIL



7 1 1/2" = 1'-0" BULKHEAD AT CABINET/CASEWORK



2 3" = 1'-0" ACT CEILING DETAIL



F4 1 1/2" = 1'-0" BULKHEAD DETAIL

1 3" = 1'-0" GYPSUM BOARD CEILING DETAIL

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B ATTACH ALL GRID SUPPORTED LIGHT FIXTURES TO CEILING AND ALSO TO BUILDING STRUCTURE.

C REFER TO SHEET AF2.10E FOR FINISH SCHEDULE.

SHEET NOTES

1 CASEWORK.
2 BRACING AS REQUIRED. SECURE TO STRUCTURE ABOVE.
3 SUBSTITUTE REGULAR GYPSUM BOARD WITH GYPSUM BOARD GLASS MAT FACED AT WET AREAS.
4 SECURE TO STRUCTURE ABOVE.
5 MAIN RUNNER.
6 CROSS RUNNER.
7 FINISHED FACE OF PARTITION.
8 SUBSTITUTE REGULAR GYPSUM BOARD WITH GYPSUM BOARD GLASS MAT FACED AT WET AREAS
9 REFER TO RCP FOR DIMENSIONS.
10 EXTEND FRAMING TO STRUCTURE. TYPICAL.
11 OPERABLE HUFCOR PARTITION HEAD. SEE MANUFACTURER.
12 DIAGONAL BRACING 48" OC ALTERNATE SIDES PER MANUFACTURER'S RECOMMENDATION.
13 SEE REFLECTED CEILING PLAN FOR SIZE.

MATERIAL LEGEND

079200.Q01	JOINT SEALANT
083113.A01	ACCESS DOOR
092216.C02	METAL STUD RUNNER TRACK
092216.D02	METAL STUD 2 1/2"
092216.D03	METAL STUD 3 5/8"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.B01	GYPSUM BOARD, GLASS MAT FACED 5/8"
092900.M04	CORNERBEAD
095113.A01	ACOUSTICAL CEILING UNITS
095113.B01	EXPOSED-GRID ACOUSTICAL CEILING SYSTEM
095113.E01	WALL ANGLE
095113.W50	HANGER WIRE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

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REGISTRATION

STATE OF FLORIDA
LYNNIE LORIUM
AR 96289
REGISTERED ARCHITECT

DRAWING HISTORY

№	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

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PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
CEILING DETAILS

SHEET NUMBER
A5.20E

FILE NAME: Autodesk Docs:// 1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
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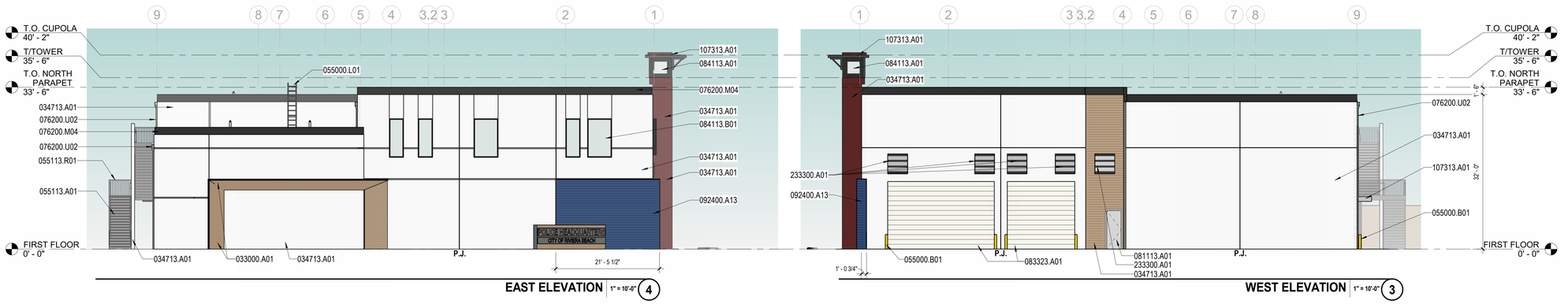
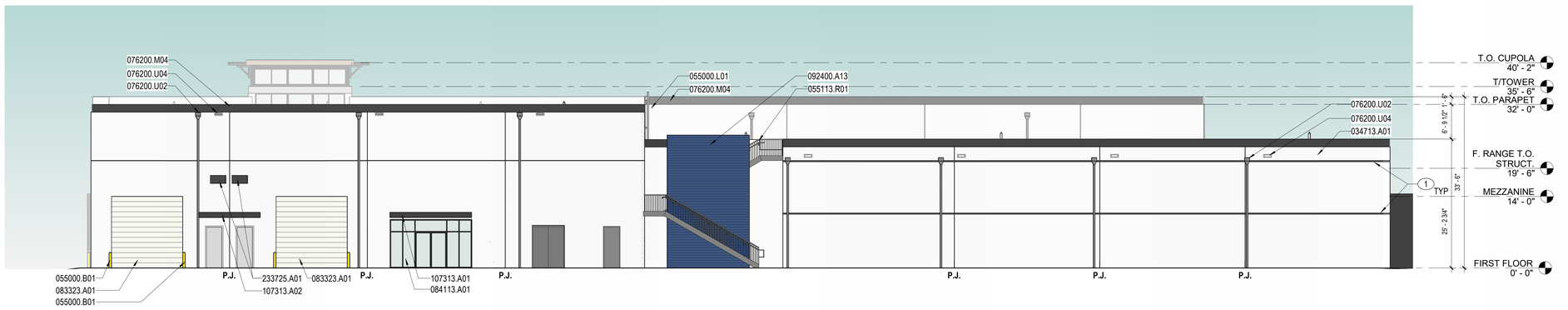
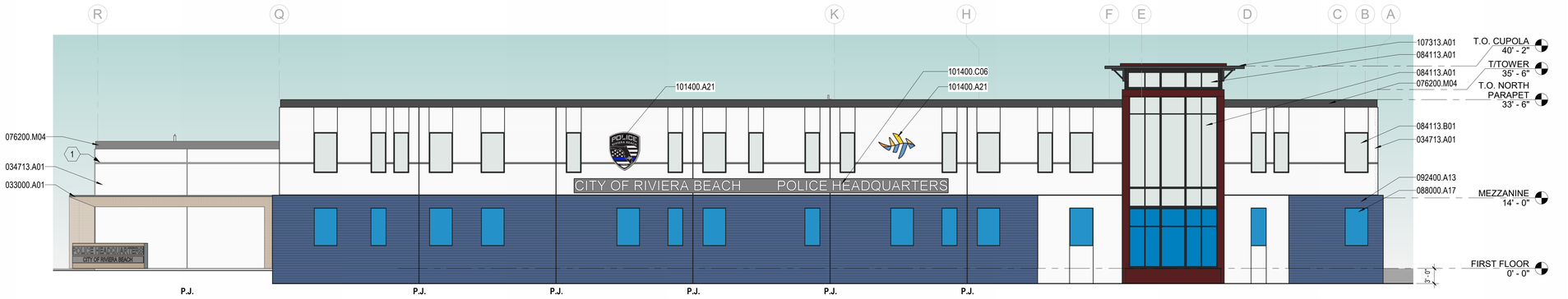


EAST ELEVATION 1" = 10'-0" 4

WEST ELEVATION 1" = 10'-0" 3



SOUTH ELEVATION 1" = 10'-0" 2



NORTH ELEVATION 1" = 10'-0" 1

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. CONTACT THE ARCHITECT IN WRITING FOR CLARIFICATIONS OR MISSING DIMENSIONS.
2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY, INACCURACY OR CONFLICTING INFORMATION IN WRITING BEFORE EXECUTION OF WORK.
3. BUILDING FINISH FLOOR ELEVATION IS 0'-0" FOR ARCHITECTURAL COORDINATION.
4. REFER TO CIVIL DRAWINGS FOR ACTUAL DATUM, FINISH FLOOR ELEVATION.
5. ALL EXTERIOR PENETRATIONS, JOINTS, DOORS AND WINDOWS TO BE SEALED WITH SILICONE SEALANT. COLOR TO MATCH ADJACENT.
6. FINISHES, TRIM, DECORATIVE ELEMENTS ETC. SHALL WRAP ALL ELEVATIONS OF WALLS, ALCOVES, ETC. NOT ALL EXTERIOR WALL RETURNS (ELEVATIONS) MAY NOT BE SHOWN.
7. REFER TO STRUCTURAL DRAWINGS FOR "ALLOWABLE" DESIGN WIND PRESSURES. ALL DOORS, LOUVERS AND WINDOWS TO HAVE CURRENT MIAMI DADE N.O.A. AND FLORIDA PRODUCT APPROVALS.
8. UNLESS OTHERWISE NOTED; PROVIDE STANDARD PVC STUCCO EXPANSION JOINT ACCESSORY BETWEEN DIFFERENT PAINT COLORS

SHEET NOTES

1 TYPICAL 1 1/2" REVEAL

MATERIAL LEGEND

033000.A01	CAST-IN-PLACE CONCRETE
034713.A01	TILT-UP CONCRETE WALL PANEL
055000.B01	STEEL BOLLARD
055000.L01	STEEL LADDER
055113.A01	STEEL STAIR
055113.R01	STEEL GUARDRAIL
076200.M04	PARAPET COPING
076200.U02	DOWNSPOUT
076200.U04	SCUPPER
081113.A01	HOLLOW METAL DOOR
083323.A01	OVERHEAD COILING DOOR
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.B01	ALUMINUM FIXED WINDOW
088000.A17	SPANDREL INSULATING GLASS UNIT
092400.A13	3-COAT STUCCO SYSTEM
101400.A21	ALUMINUM PANEL GRAPHIC SIGNAGE, CUTOUT
101400.C06	ILLUMINATED, FABRICATED CHANNEL DIMENSIONAL LETTERS
107313.A01	WALKWAY COVER SYSTEM
107313.A02	CANTILEVERED ALUMINUM SUNSHADE SYSTEM
233300.A01	EXTRUDED ALUMINUM WALL LOUVER
233725.A01	EXTRUDED ALUMINUM WALL LOUVER

EXTERIOR FINISH SCHEDULE

- COLOR A: MAIN EXTERIOR BUILDING
  SW 7008 ALABASTER
- COLOR B: ACCENT EXTERIOR BUILDING
  COLOR
  TEXTURED PAINT FINISH
  SW 6811 HONORABLE BLUE
- AREA TO RECEIVE FORMLINER PATTERN TO MATCH ADMIN BUILDING W/ TEXTURED PAINT FINISH; REFER TO SHEET KEYNOTES.
- ALUMINUM CANOPY SYSTEM; PAINTED REVEAL
  SW 7069 IRON ORE
  REFER TO SHEET KEYNOTES.
- MATERIAL: COMPOSITE ALUMINUM PANELING - ALPOLIC DBR DARK BRONZE ANODIZED
- ALUMINUM WINDOW OR STOREFRONT FRAMES
- TINTED INSULATING GLASS, REFER TO SPEC SECTION 88000 GLAZING
- INSULATED SPANDREL PANEL
  REFER TO SPEC SECTION 88000 GLAZING

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REGISTRATION

STATE OF FLORIDA
JENNIE LOHRUM
AR 96288
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION
A	4/4/2025	100% Design Development
B	7/9/2025	Site Plan Resubmission

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
EXTERIOR ELEVATIONS - EVIDENCE/ FIRING RANGE

SHEET NUMBER
A6.00E

FILE NAME: Autodesk Docs://_1007657.00_-_CORE_-_City_of_Riviera_Beach_D/1007657_-_RBPD_Evidence_&_Fire_Range_Building.rvt
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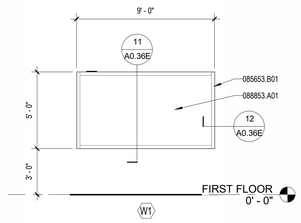
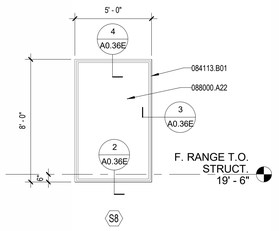


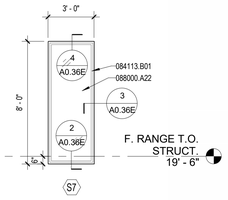
9 1/4" = 1'-0" **STOREFRONT ELEVATION W1**

BASIS OF DESIGN: TSS BL 5.5 FRAMING SYSTEM WITH McGRORT GLASS BALLISTIC DEFEND 4-GCP GLAZING (LEVEL 8 BULLET RESISTANT & SMOKE RATED)

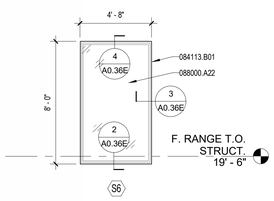


8 1/4" = 1'-0" **STOREFRONT ELEVATION S8**

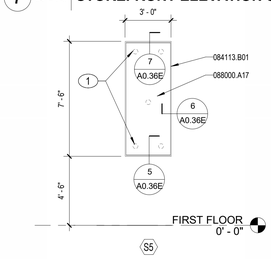
BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1



7 1/4" = 1'-0" **STOREFRONT ELEVATION S7**

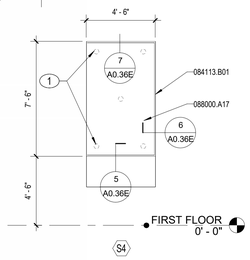


6 1/4" = 1'-0" **STOREFRONT ELEVATION S6**



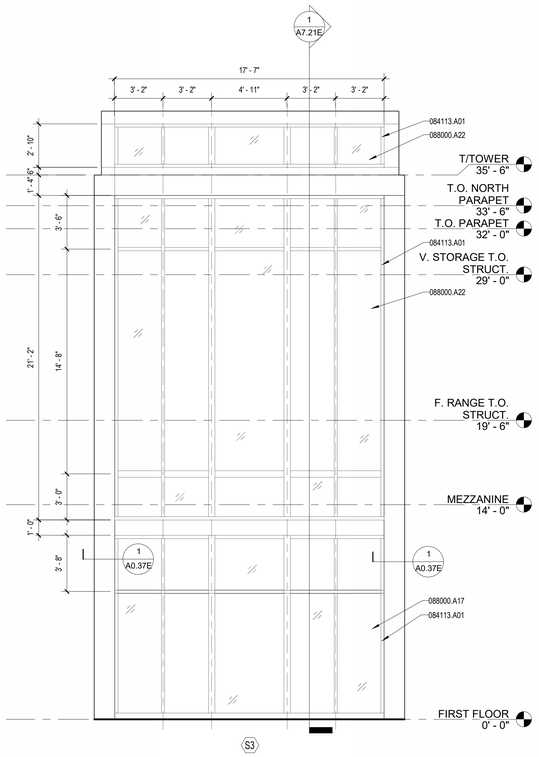
5 1/4" = 1'-0" **STOREFRONT ELEVATION S5**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1



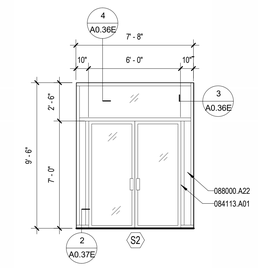
4 1/4" = 1'-0" **STOREFRONT ELEVATION S4**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1



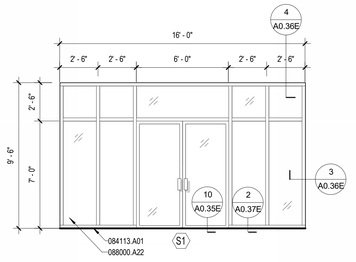
3 1/4" = 1'-0" **STOREFRONT ELEVATION S3**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1



2 1/4" = 1'-0" **STOREFRONT ELEVATION S2**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1
ENVIRALUM SERIES ENV-350 LEVEL E IMPACT - DOOR (L.M.I.) FLORIDA PRODUCT APPROVAL: FL#20701.5



1 1/4" = 1'-0" **STOREFRONT ELEVATION S1**

BASIS OF DESIGN: ENVIRALUM SERIES 450 LEVEL 3 E IMPACT FRAMING FLORIDA PRODUCT APPROVAL: FL#19002.1
ENVIRALUM SERIES ENV-350 LEVEL E IMPACT - DOOR (L.M.I.) FLORIDA PRODUCT APPROVAL: FL#20701.5

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET A0.30E FOR DOOR SCHEDULES & TYPICAL DOOR DETAILS.

C ALL WINDOW PROFILES ARE GENERIC. REFER TO SPECIFICATIONS SECTIONS FOR PERFORMANCE REQUIREMENTS. SEE SECTION 084113 FOR STOREFRONT WINDOW, 084229 FOR AUTOMATIC ENTRANCE, 084413 FOR CURTAIN WALL, 085113 FOR ALUMINUM WINDOW.

D ALL INTERIOR GLAZING SHALL BE CLEAR, TEMPERED GLASS 088000.A04 UNO.

E ALL EXTERIOR GLAZING SHALL BE TINTED INSULATING GLASS, CLASS 'E' IMPACT RATED FOR RISK CATEGORY IV ESSENTIAL BUILDINGS. 088000.A09 UNO.

SHEET NOTES

1 4" PVC SLEAVE VENT, 5 PER OPENING.

MATERIAL LEGEND

084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.B01	ALUMINUM FIXED WINDOW
085653.B01	BULLET RESISTANT ALUMINUM FRAME
088000.A17	SPANDREL INSULATING GLASS UNIT
088000.A22	INSULATING-LAMINATED GLASS UNIT
088853.A01	LAMINATED-GLASS SECURITY GLAZING

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REGISTRATION

STATE OF FLORIDA · JENNIE LOHRUM · AR 96299 · REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

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SHEET NUMBER
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GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET SERIES "C" FOR CIVIL INFORMATION.

C PARAPET HEIGHTS ARE TO TOP OF TILT-WALL OR METAL STUD. PRESSURE TREATED WOOD NAILERS AND METAL COPING/ FLASHING OCCUR ABOVE THIS HEIGHT.

D REFER TO SHEETS A3.01E FOR INTERIOR CEILING CONDITIONS.

E R-VALUE FOR ALL ROOF INSULATION IS TO BE EQUAL TO FLORIDA BUILDING CODE REQUIREMENT FOR THE CLIMATE ZONE REGION (1A).

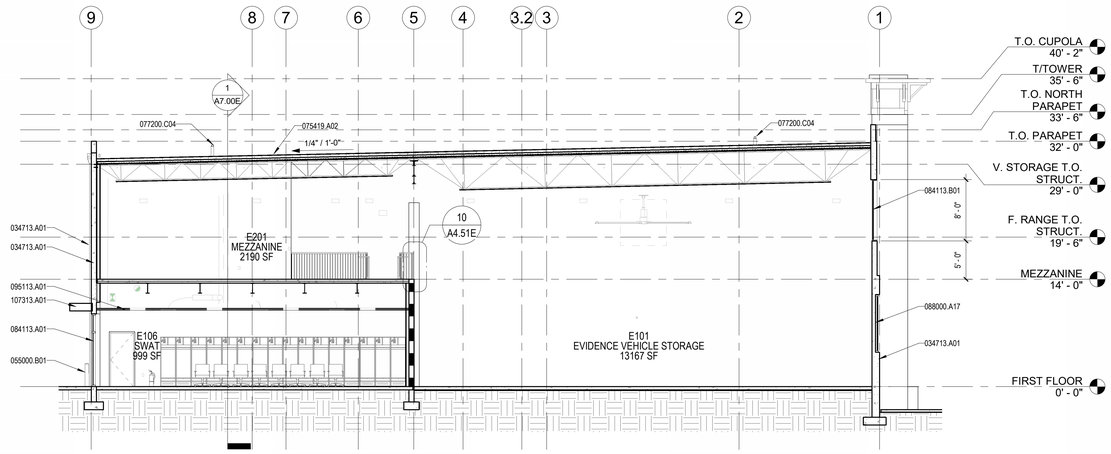
F REFER TO SHEET A2.51E FOR ROOF INFORMATION.

SHEET NOTES

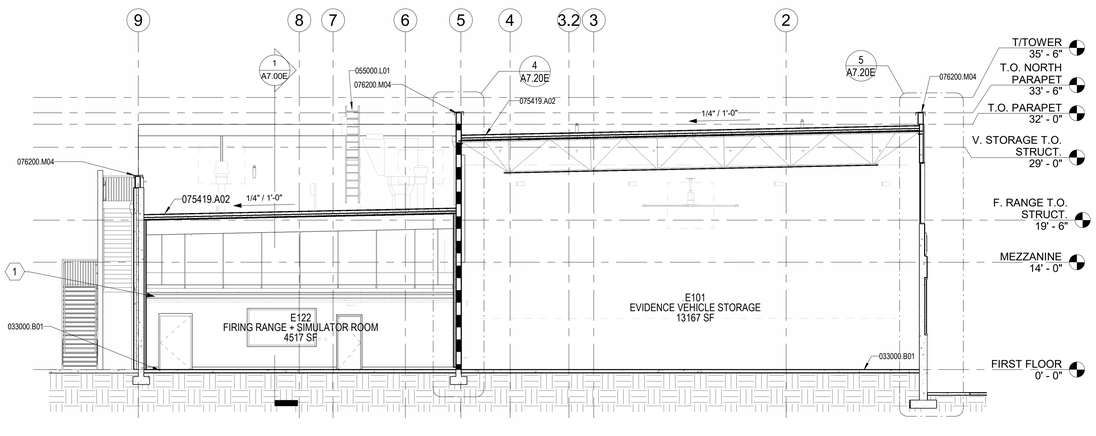
1 SAFETY CEILING
2 FIRING RANGE MECHANICAL EQUIPMENT BY VENDOR
3 BALLISTIC RATED BAFFLES
4 BULLET TRAP
5 ROOF TOP MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

MATERIAL LEGEND

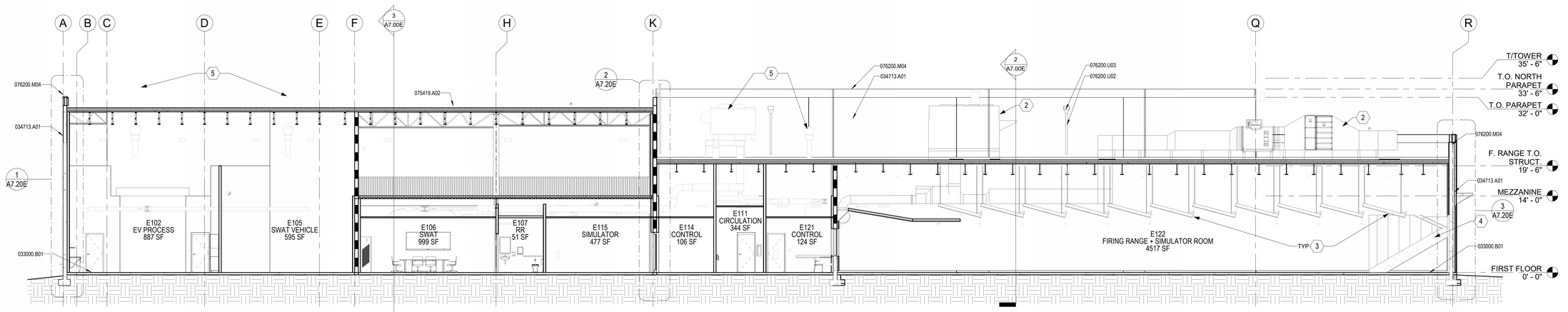
033000.B01	CONCRETE SLAB
034713.A01	TILT-UP CONCRETE WALL PANEL
055000.B01	STEEL BOLLARD
055000.L01	STEEL LADDER
075419.A02	SINGLE-PLY PVC ROOFING MEMBRANE, FULLY ADHERED
076200.M04	PARAPET COPING
076200.U02	DOWNSPOUT
076200.U03	CONDUCTOR HEAD
077200.C04	TIEBACK ANCHOR FOR FALL PROTECTION
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
084113.B01	ALUMINUM FIXED WINDOW
088000.A17	SPANDREL INSULATING GLASS UNIT
095113.A01	ACOUSTICAL CEILING UNITS
107313.A01	WALKWAY COVER SYSTEM



CROSS SECTION 1/8" = 1'-0" (3)



CROSS SECTION 1/8" = 1'-0" (2)



LONGITUDINAL SECTION 1/8" = 1'-0" (1)

0 4' 8' 16' 24' 32'
1/8" = 1'-0" GRAPHIC SCALE

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/29/2025 5:42:12 PM

CLIENT

CITY OF RIVIERA BEACH
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REGISTRATION

STATE OF FLORIDA
JOHNNIE LOHRUM JR
AR 96099
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

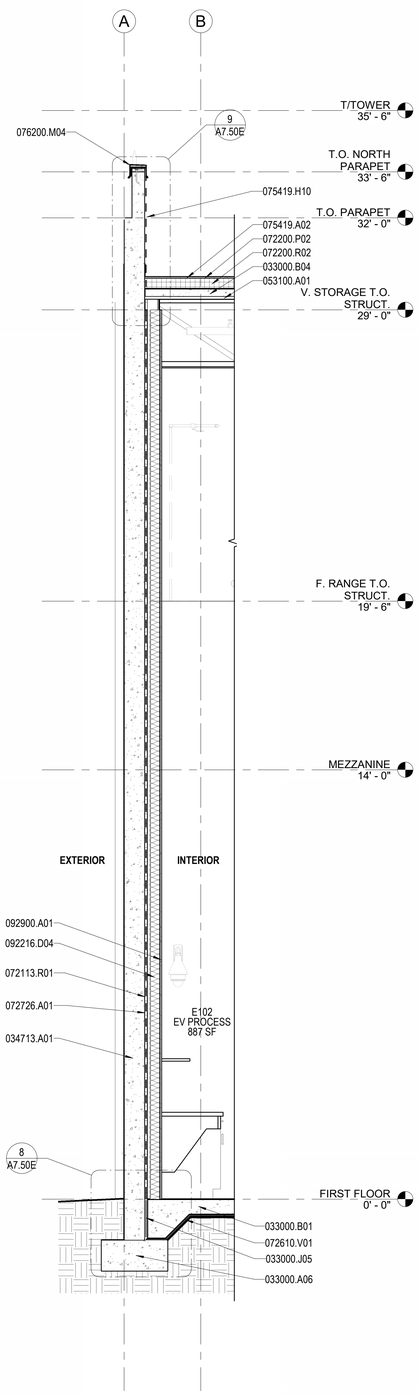
PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

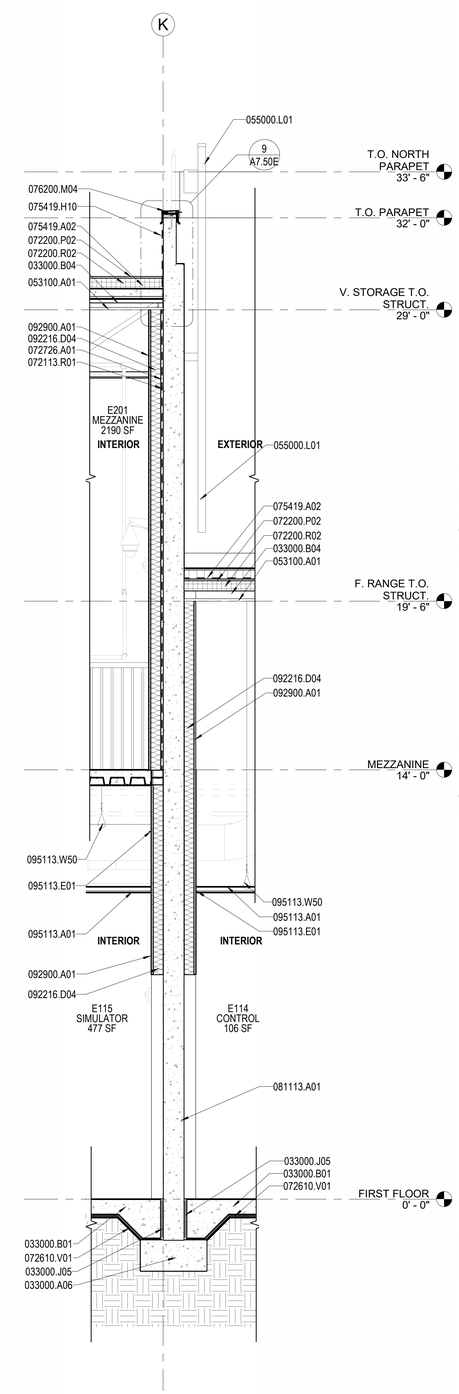
PROJECT NUMBER
1007657.00

SHEET TITLE
BUILDING SECTIONS - EVIDENCE/ FIRING RANGE

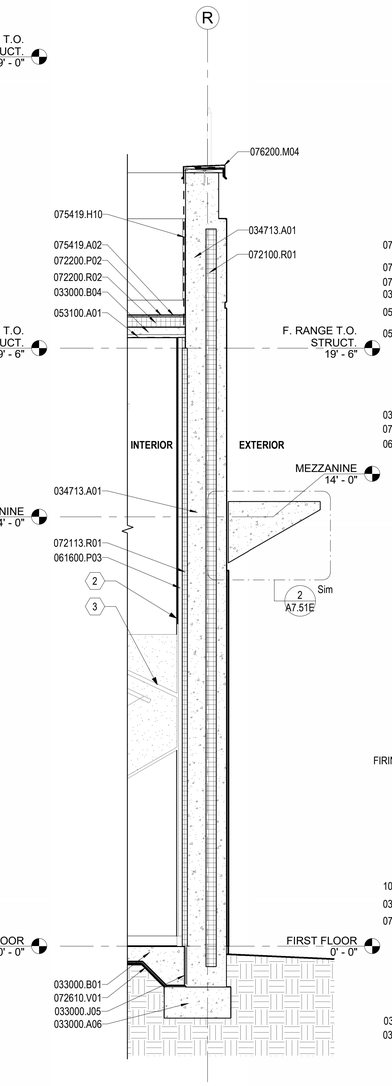
SHEET NUMBER
A7.00E



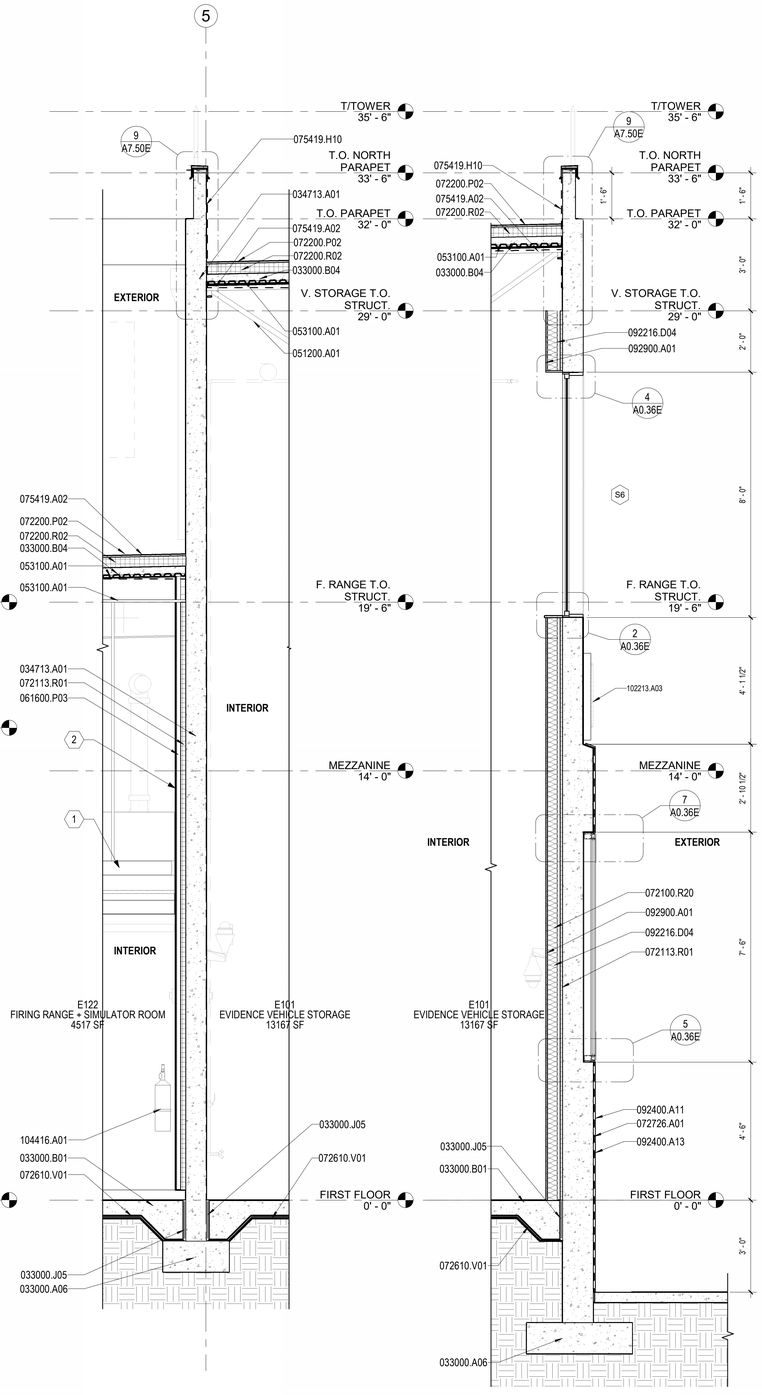
1 1/2" = 1'-0" **WALL SECTION**



2 1/2" = 1'-0" **WALL SECTION**



3 1/2" = 1'-0" **WALL SECTION**



4 1/2" = 1'-0" **WALL SECTION**

5 1/2" = 1'-0" **WALL SECTION**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET SERIES "C" FOR CIVIL INFORMATION.

C PARAPET HEIGHTS ARE TO TOP OF TILT-WALL OR METAL STUD. PRESSURE TREATED WOOD NAILERS AND METAL COPING/ FLASHING OCCUR ABOVE THIS HEIGHT.

D REFER TO SHEETS A3.01E FOR INTERIOR CEILING CONDITIONS.

E R-VALUE FOR ALL ROOF INSULATION IS TO BE EQUAL TO FLORIDA BUILDING CODE REQUIREMENT FOR THE CLIMATE ZONE REGION (1A).

F REFER TO SHEET A2.51E FOR ROOF INFORMATION.

SHEET NOTES

KEYNOTES: 0

1 BALLISTIC RATED BAFFLES
2 RUBBER WALL TILE
3 BULLET TRAP

MATERIAL LEGEND

033000.A06	CONCRETE FOOTING
033000.B01	CONCRETE SLAB
033000.B04	LIGHTWEIGHT AGGREGATE STRUCTURAL CONCRETE
033000.J05	PREFORMED JOINT FILLER
034713.A01	TILT-UP CONCRETE WALL PANEL
051200.A01	STEEL BEAM
053100.A01	STEEL DECK
055000.L01	STEEL LADDER
061600.P03	PLYWOOD WALL SHEATHING
072100.R01	BOARD INSULATION
072100.R20	SOUND ATTENUATION BATTS
072113.R01	BOARD INSULATION
072200.P02	GLASS MAT GYPSUM PROTECTION BOARD
072200.R02	ROOF INSULATION BOARD
072610.V01	UNDERSLAB VAPOR BARRIER
072726.A01	FLUID-APPLIED AIR BARRIER, VAPOR-RETARDING
075419.A02	SINGLE-PLY PVC ROOFING MEMBRANE, FULLY ADHERED
075419.H10	POLYVINYL-CHLORIDE (PVC) WALL FLASHING
076200.M04	PARAPET COPING
081113.A01	HOLLOW METAL DOOR
092216.D04	METAL STUD 4"
092400.A11	SELF FURRING DIAMOND MESH LATH
092400.A13	3-COAT STUCCO SYSTEM
092900.A01	GYPSUM BOARD, REGULAR 5/8"
095113.A01	ACOUSTICAL CEILING UNITS
095113.E01	WALL ANGLE
095113.W50	HANGER WIRE
102213.A03	HEAVY DUTY PARTITION
104416.A01	FIRE EXTINGUISHER

LIFE SAFETY SYMBOLS

UNRATED PARTITION
SMOKE PARTITION
1 HOUR FIRE BARRIER

INSULATION VALUES

CLIMATE ZONE 1A, CITY OF RIVIERA BEACH, FL (WARM-HUMID COUNTY) PALM BEACH COUNTY
HEATING LOAD - MAX 72 DEG. F
COOLING LOAD - MIN. 75 DEG. F

SPEC NO.	DESCRIPTION	DEPTH	R-VALUE
072200.R01	ROOF RIGID BOARD INSULATION (ENTIRELY ABOVE DECK)	3.5 INCHES	R-21ci
072113.R01	MASS (RIGID BOARD, EPS)	1 INCHES	R-5.7 ci
--	UNDERSLAB RIGID INSULATION	NR	NR
--	OPAQUE DOORS, NON-SWINGING*	--	R-4.75
SPEC NO.	**DESCRIPTION**	**DEPTH**	**U-VALUE**
--	FENESTRATION, FIXED	NR	0.50
SPEC NO.	**DESCRIPTION**	**ORIENTATION**	**SHGC**
--	FENESTRATION, FIXED	NORTH	0.37
SPEC NO.	**DESCRIPTION**	**ORIENTATION**	**SHGC**
--	FENESTRATION, FIXED	S,W,E	0.30

PER FBC, ENERGY CONSERVATION, TABLE C402.1.3
R-VALUES BASED ON STANDARD R-6 PER 1-INCH DEPTH OF INSULATION.
*REQUIRED FOR TEMPERATURE CONTROLLED INTERIOR SPACES.

0 1' 2' 4' 6' 8'
1/2" = 1'-0" GRAPHIC SCALE

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SHEET TITLE
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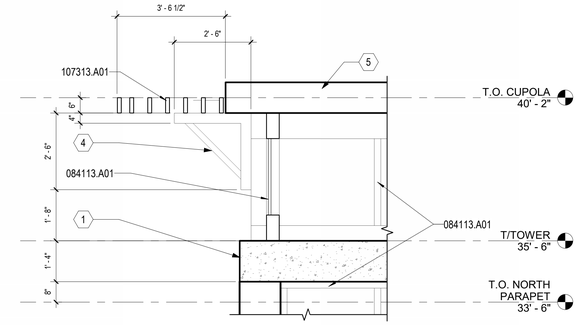
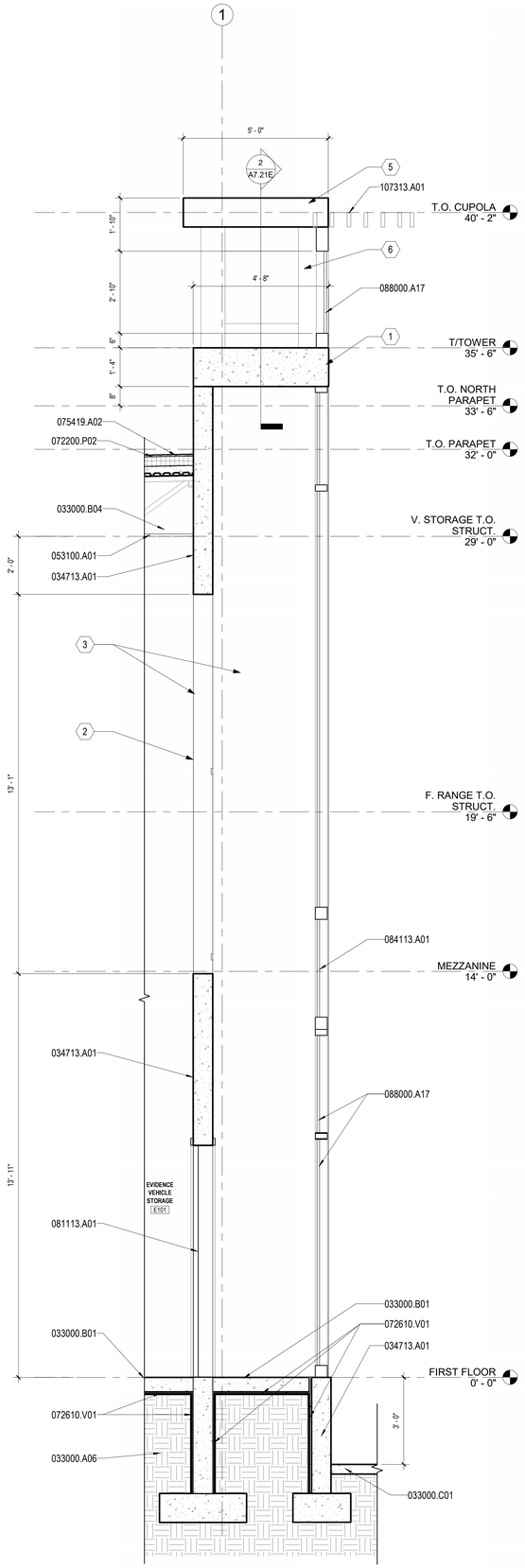


2 1/2" = 1'-0" **TOWER SECTION**



1 1/2" = 1'-0" **WALL SECTION**

GENERAL NOTES

A REFER TO SHEETS G0.01E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET SERIES "C" FOR CIVIL INFORMATION.

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D REFER TO SHEETS A3.01E FOR INTERIOR CEILING CONDITIONS.

E R-VALUE FOR ALL ROOF INSULATION IS TO BE EQUAL TO FLORIDA BUILDING CODE REQUIREMENT FOR THE CLIMATE ZONE REGION (1A).

F REFER TO SHEET A2.51E FOR ROOF INFORMATION.

SHEET NOTES

KEYNOTES: 0

1 16" TILT-UP LID WITH ALPOLIC METAL CLADDING DRY JOINT SYSTEM.
2 OPENING.
3 TILT-UP WALL BEYOND.
4 PAINTED ALUMINUM BRACKET.
5 12" TUBE FRAMING ZINC COATED
6 WINDOW SYSTEM BEYOND

MATERIAL LEGEND

033000.A06	CONCRETE FOOTING
033000.B01	CONCRETE SLAB
033000.B04	LIGHTWEIGHT AGGREGATE STRUCTURAL CONCRETE
033000.C01	CONCRETE WALK
034713.A01	TILT-UP CONCRETE WALL PANEL
053100.A01	STEEL DECK
072200.P02	GLASS MAT GYPSUM PROTECTION BOARD
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075419.A02	SINGLE-PLY PVC ROOFING MEMBRANE, FULLY ADHERED
081113.A01	HOLLOW METAL DOOR
084113.A01	GLAZED ALUMINUM STOREFRONT SYSTEM
088000.A17	SPANDREL INSULATING GLASS UNIT
107313.A01	WALKWAY COVER SYSTEM

0 1' 2' 4' 6' 8'
1/2" = 1'-0" GRAPHIC SCALE

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REGISTRATION

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SYDNNIE LORDUM
AR 96289
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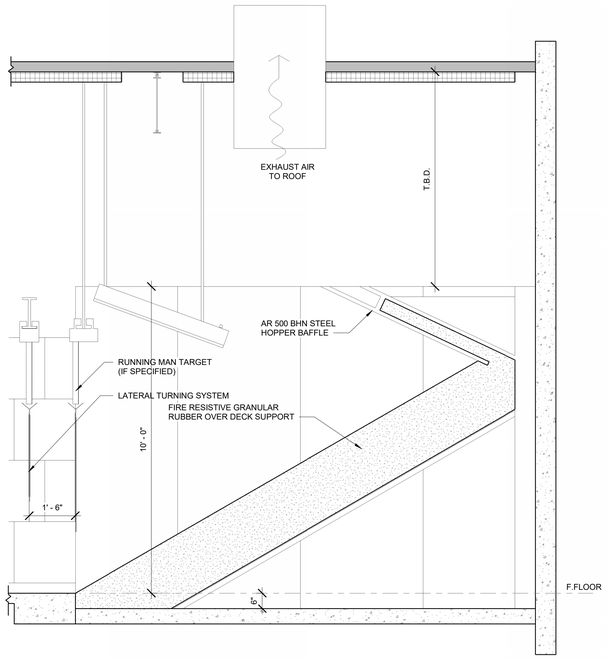
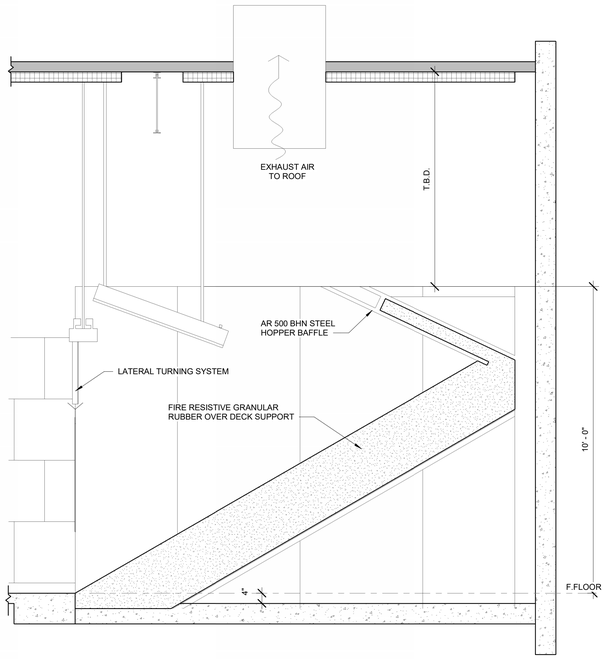
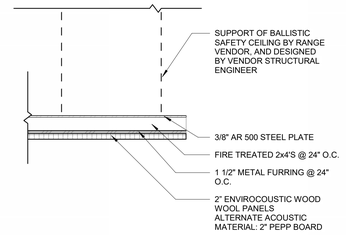


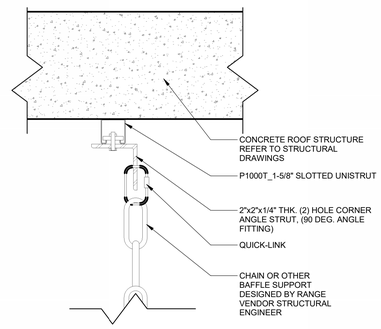
11 1/2" = 1'-0" **FIRE RESISTIVE GRANULAR RUBBER TRAP**



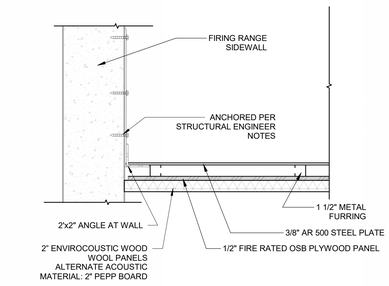
8 1/2" = 1'-0" **FIRE RESISTIVE GRANULAR RUBBER TRAP**



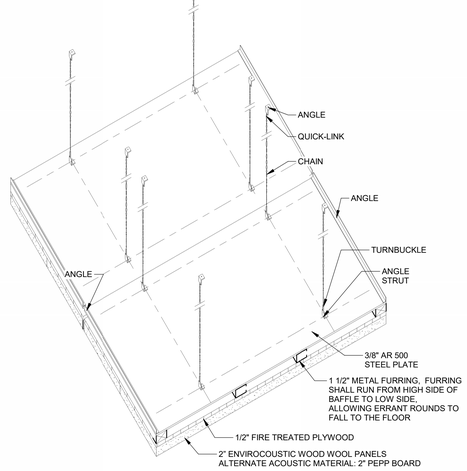
4 3/4" = 1'-0" **SAFETY CEILING DETAIL**



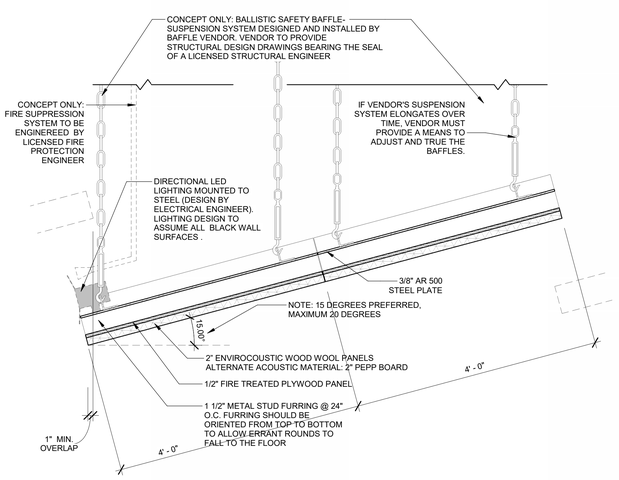
3 3" = 1'-0" **BAFFLE ANCHORAGE DETAIL**



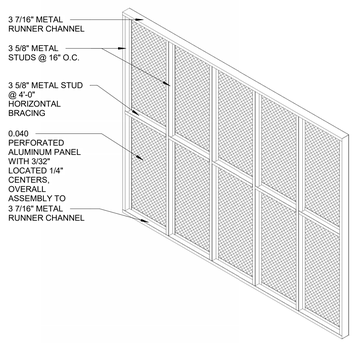
10 1 1/2" = 1'-0" **TYP. BAFFLE TO WALL DETAIL**



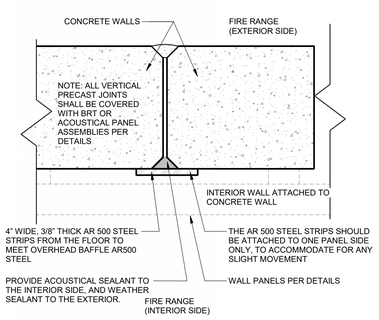
7 1" = 1'-0" **SAFETY BAFFLE ISOMETRIC**



2 1" = 1'-0" **SAFETY BAFFLE DETAIL.**

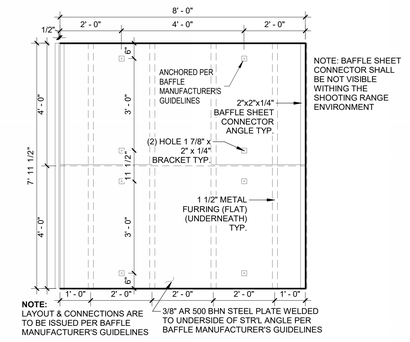


9 1/2" = 1'-0" **METAL SCREEN ISOMETRIC**

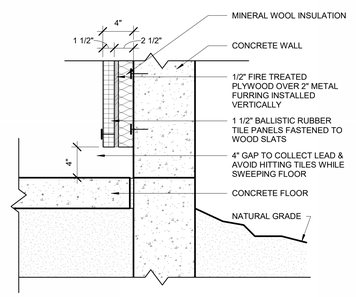


TILT-UP CONCRETE

6 3" = 1'-0" **SIDE WALL PANELS @ JOINTS**



5 1/2" = 1'-0" **BAFFLE PLAN - TOP VIEW**



1 1 1/2" = 1'-0" **BALLISTIC RUBBER DETAIL**

GENERAL NOTES

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D REFER TO SHEETS A3.01E FOR INTERIOR CEILING CONDITIONS.

E R-VALUE FOR ALL ROOF INSULATION IS TO BE EQUAL TO FLORIDA BUILDING CODE REQUIREMENT FOR THE CLIMATE ZONE REGION (1A).

F REFER TO SHEET A2.51E FOR ROOF INFORMATION.

SHEET NOTES

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 6" 1' 2' 3' 4'
1" = 1'-0" GRAPHIC SCALE

0 1' 2' 4' 6' 8'
1/2" = 1'-0" GRAPHIC SCALE

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FIRING RANGE DETAILS

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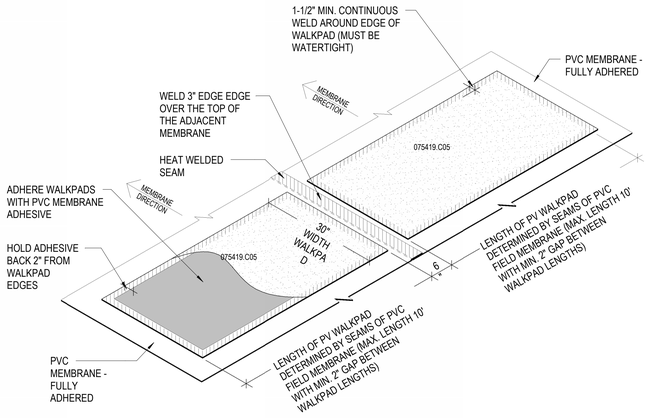
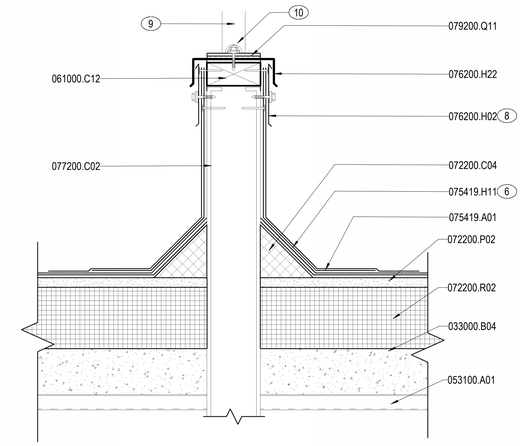
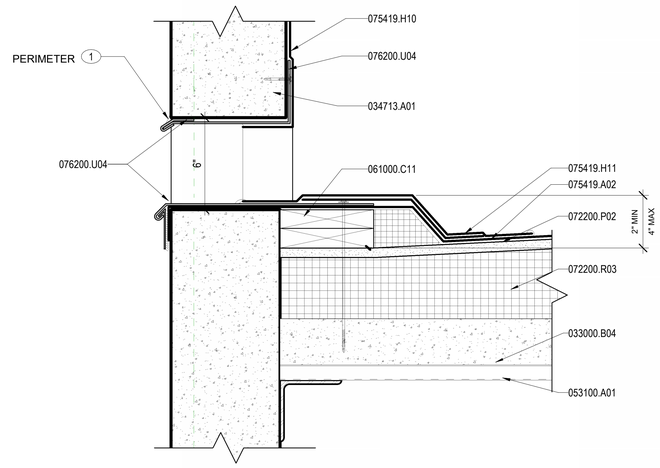


10 3/4" = 1'-0" **WALK PAD DETAIL**



6 3" = 1'-0" **EQUIPMENT CURB SUPPORT DETAIL**



3 3" = 1'-0" **SECTION DETAIL - OVERFLOW SCUPPER**

9 3" = 1'-0" **TILT UP PARAPET**

11 3" = 1'-0" **ROOF TIEBACK DETAIL**

5 3" = 1'-0" **EQUIPMENT CURB DETAIL - TYPICAL**

2 3" = 1'-0" **SCUPPER SECTION DETAIL**

8 1 1/2" = 1'-0" **TILT UP WALL BASE**

7 3" = 1'-0" **VENT STACK PENETRATION DETAIL**

4 3" = 1'-0" **SCUPPER PLAN DETAIL**

1 3" = 1'-0" **SCUPPER OVERFLOW PLAN DETAIL**

GENERAL NOTES

A REFER TO SHEETS G0.02E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
B REFER TO SHEET A0.10E FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND TYPICAL RATED PARTITION PENETRATION DETAILS
C TILT-WALL PANELS ARE BASED ON A 3/4" JOINT BETWEEN PANELS.
D PANEL ELEVATIONS ARE MEANT TO BE A DESIGN GUIDE. TILT-WALL CONTRACTOR TO VERIFY FINAL DIMENSIONS AND TILT-WALL PENETRATIONS PRIOR TO FABRICATION.
E COORDINATE DOOR, WINDOW AND OTHER OPENINGS WITH ARCHITECTURE AND ENGINEERING DRAWINGS.
F COORDINATE BOTTOM OF PANEL WITH STRUCTURAL GRADE BEAM LOCATIONS.
G COORDINATE ALL DEVICES & OPENINGS ON TILT-WALL PANELS.

SHEET NOTES

1 EXHAUST FAN/GRAVITY VENTILATOR CURB (REFER TO MECHANICAL DRAWINGS).
2 REMOVABLE LIPPED COUNTER FLASHING.
3 TAPERED INSULATION SYSTEM MAX. DEPTH 12.5".
4 PIPE STRAP AT ROUND PIPE ONLY.
5 SET IN CONTINUOUS SEALANT BED.
6 EXTEND MULTI-PLY BASE FLASHINGS UP CURB AND UNDER REMOVABLE COUNTER FLASHING
7 TOOL SEALANT TO FACILITATE WATER RUN-OFF.
8 REMOVABLE LIPPED COUNTER FLASHING AND CORROSION RESISTANT STEEL SCREWS W/NEOPRENE WASHERS
9 ROOF TOP EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
10 SEALANT CAP BEAD OVER FASTENER HEAD, TYPICAL

MATERIAL LEGEND

033000.A06	CONCRETE FOOTING
033000.B01	CONCRETE SLAB
033000.B04	LIGHTWEIGHT AGGREGATE STRUCTURAL CONCRETE
034713.A01	TILT-UP CONCRETE WALL PANEL
051200.E01	STEEL ANGLE
051200.E02	STEEL PLATE
051200.E03	STEEL PLATE, BENT
053100.A01	STEEL DECK
055000.T03	EXPANSION BOLT
061000.C11	PRESSURE TREATED WOOD BLOCKING
061000.C12	CONTINUOUS PRESSURE TREATED WOOD BLOCKING
072100.R10	BLANKET INSULATION, UNFACED
072100.R11	BLANKET INSULATION, FACED
072113.R01	BOARD INSULATION
072200.C04	PREFORMED CANT
072200.P02	GLASS MAT GYPSUM PROTECTION BOARD
072200.R02	ROOF INSULATION BOARD
072200.R03	TAPERED ROOF INSULATION
072610.V01	UNDERSLAB VAPOR BARRIER
072726.A01	FLUID-APPLIED AIR BARRIER, VAPOR-RETARDING
072726.A02	FLUID-APPLIED AIR BARRIER, VAPOR-PERMEABLE
075419.A01	SINGLE-PLY POLYVINYL-CHLORIDE (PVC) ROOFING SYSTEM
075419.A02	SINGLE-PLY PVC ROOFING MEMBRANE, FULLY ADHERED
075419.C05	ROOF WALKWAY PAD
075419.F05	MECHANICAL FASTENER
075419.H10	POLYVINYL-CHLORIDE (PVC) WALL FLASHING
075419.H11	POLYVINYL-CHLORIDE (PVC) BASE FLASHING
075419.Q02	MASTIC SEALANT
076200.E03	CLEAT
076200.H02	COUNTERFLASHING
076200.H22	EQUIPMENT SUPPORT FLASHING
076200.M04	PARAPET COPING
076200.U02	DOWNSPOUT
076200.U03	CONDUCTOR HEAD
076200.U04	SCUPPER
076200.Z01	TERMINATION BAR
077200.C02	EQUIPMENT SUPPORT CURB
077200.C04	TIEBACK ANCHOR FOR FALL PROTECTION
079200.Q01	JOINT SEALANT
079200.Q11	SEALANT BED
092216.C02	METAL STUD RUNNER TRACK
092216.D04	METAL STUD 4"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
096513.C21	RUBBER WALL BASE
099113.A01	PAINT FINISH
221316.C31	VENT PIPING
312000.B01	FINISH GRADE

0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

0 4" 1' 2' 3' 4' 5'
3/4" = 1'-0" GRAPHIC SCALE

CLIENT

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32750

REGISTRATION

STATE OF FLORIDA · SUZANNE LORIUM · AR 96299 · REGISTERED ARCHITECT

DRAWING HISTORY

№	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET
DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

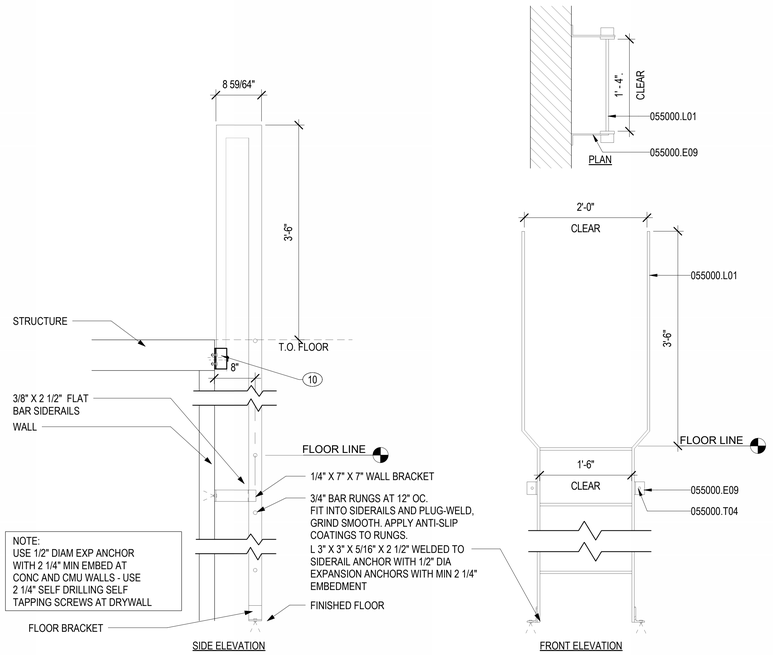
PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
ROOF DETAILS

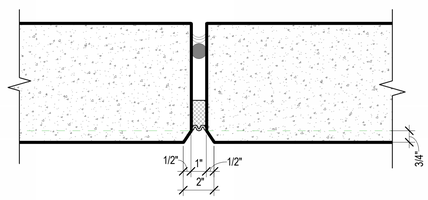
SHEET NUMBER
A7.50E

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:42:23 PM

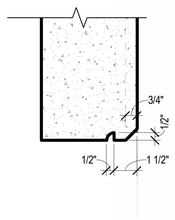


FINISH AFTER FABRICATION: SHOP PRIMER PAINT WITH HIGH PERFORMANCE COATING

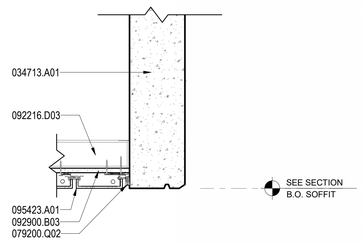
11 1" = 1'-0" WALL MOUNTED LADDER



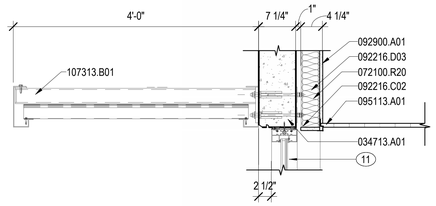
10 3" = 1'-0" TYPICAL EXPANSION JOINT DETAIL



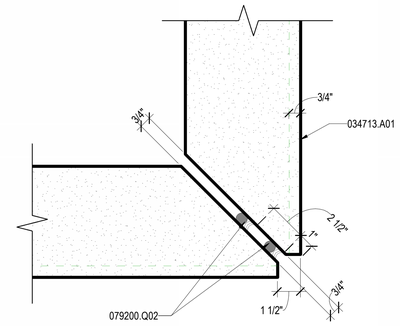
8 3" = 1'-0" TYPICAL DRIP DETAIL



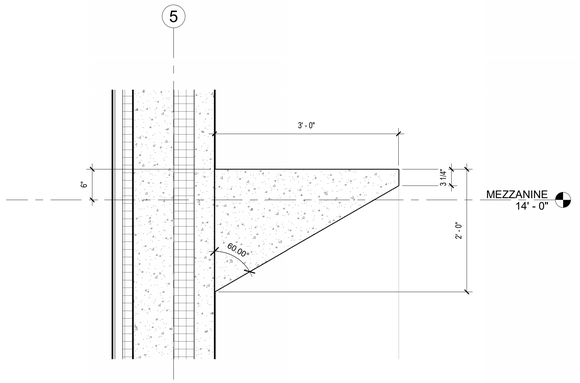
5 1 1/2" = 1'-0" SOFFIT AT TILT-UP



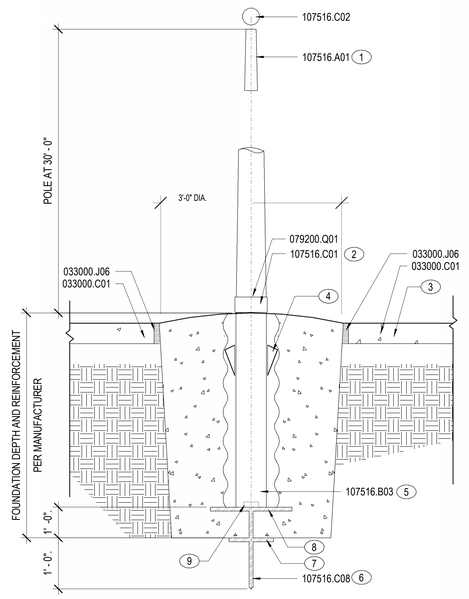
6 1" = 1'-0" EXTERIOR CANOPY DETAIL



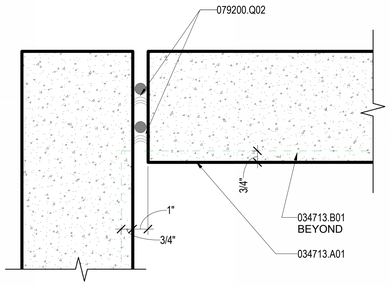
3 3" = 1'-0" TYPICAL TILT-UP PLAN DETAIL @ 45 DEGREE CORNER



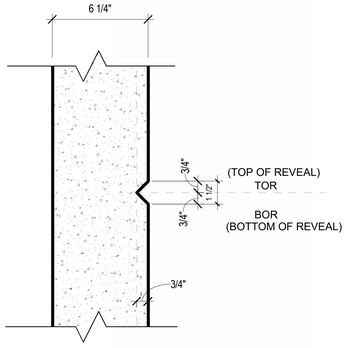
2 1" = 1'-0" CONCRETE EXTERIOR DETAIL



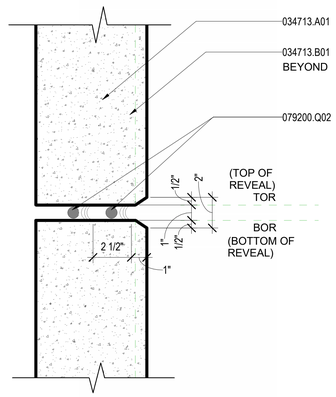
1 NTS FLAG POLE DETAIL



9 3" = 1'-0" TYPICAL JOINT DETAIL



7 3" = 1'-0" TYPICAL REVEAL DETAIL



4 3" = 1'-0" TYPICAL JOINT DETAIL

GENERAL NOTES

A REFER TO SHEETS G0.02E FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.

B REFER TO SHEET A0.10E FOR THROUGH PENETRATION FIRESTOP SYSTEM SCHEDULE AND TYPICAL RATED PARTITION PENETRATION DETAILS

C TILT-WALL PANELS ARE BASED ON A 3/4" JOINT BETWEEN PANELS.

D PANEL ELEVATIONS ARE MEANT TO BE A DESIGN GUIDE. TILT-WALL CONTRACTOR TO VERIFY FINAL DIMENSIONS AND TILT-WALL PENETRATIONS PRIOR TO FABRICATION.

E COORDINATE DOOR, WINDOW AND OTHER OPENINGS WITH ARCHITECTURE AND ENGINEERING DRAWINGS.

F COORDINATE BOTTOM OF PANEL WITH STRUCTURAL GRADE BEAM LOCATIONS.

G COORDINATE ALL DEVICES & OPENINGS ON TILT-WALL PANELS.

SHEET NOTES

1 CONE TAPERED

2 CAST ALUMINUM WATERPROOF COLLAR. FINISH TO MATCH POLE.

3 REFER TO SITE PLAN FOR ADDITIONAL INFORMATION FOR COORDINATION ADJACENT MATERIAL.

4 HARDWOOD WEDGES BY CONTRACTOR.

5 10 INCH DIAMETER, GALVANIZED. FILL WITH DRY SAND.

6 2/4 INCH STEEL GROUND SPIKE. ALL WELDED CONSTRUCTION.

7 STEEL SUPPORT PLATE.

8 STEEL BOTTOM PLATE.

9 INTEGRAL STEEL CENTERING WEDGES.

10 PIPE RAIL SLEEVE WITH SOLID BOTTOM AND SET SCREW. COORDINATE WITH STRUCTURAL.

11 REFER TO DOOR SCHEDULE FOR SPECIFIC DOOR TYPE.

MATERIAL LEGEND

033000.C01	CONCRETE WALK
033000.J06	EXPANSION JOINT
034713.A01	TILT-UP CONCRETE WALL PANEL
034713.B01	CONCRETE INSERTS
055000.E09	STEEL BENT PLATE
055000.L01	STEEL LADDER
055000.T04	EXPANSION ANCHOR
072100.R20	SOUND ATTENUATION BATTS
079200.Q01	JOINT SEALANT
079200.Q02	BACKSTOP AND SEALANT
092216.C02	METAL STUD RUNNER TRACK
092216.D03	METAL STUD 3 5/8"
092900.A01	GYPSUM BOARD, REGULAR 5/8"
092900.B03	GLASS MAT FACED EXTERIOR GYPSUM SHEATHING 5/8"
095113.A01	ACOUSTICAL CEILING UNITS
095423.A01	METAL FACED COMPOSITION ACOUSTICAL CEILING SYSTEM
107313.B01	DOOR CANOPY SYSTEM
107516.A01	FLAGPOLE
107516.B03	FOUNDATION TUBE
107516.C01	FLASHING COLLAR
107516.C02	FINIAL BALL
107516.C08	STEEL GROUND SPIKE

0 4" 1' 2' 3' 4' 5'
3/4" = 1'-0" GRAPHIC SCALE

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE

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REGISTRATION

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JENNIE LORUM
AR 96098
REGISTERED ARCHITECT

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2125 AVENUE S, RIVIERA BEACH, FL 33404

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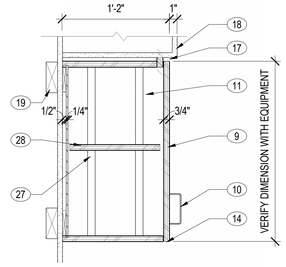
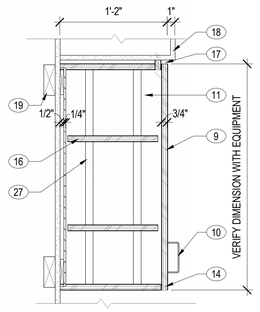
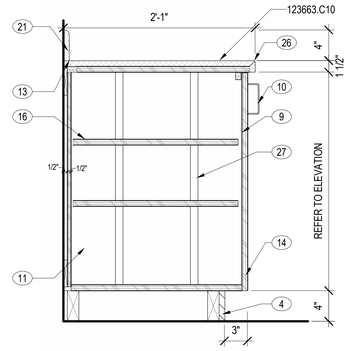


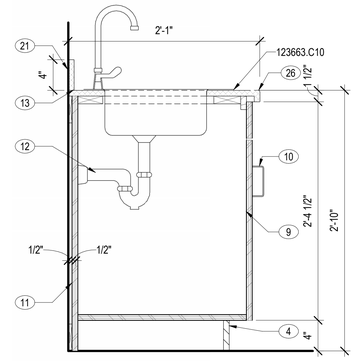
10 1 1/2" = 1'-0" **UPPER CABINET 24"**



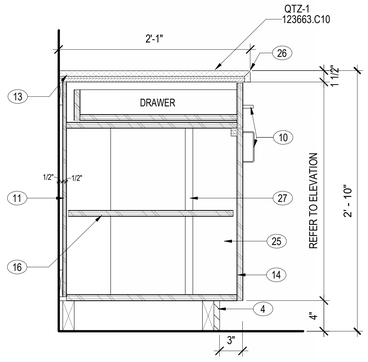
8 1 1/2" = 1'-0" **UPPER CABINET SECTION1**



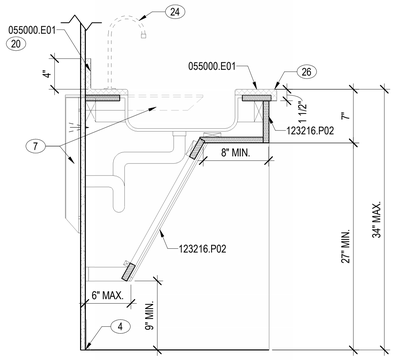
6 1 1/2" = 1'-0" **BASE CABINET SECTION1**



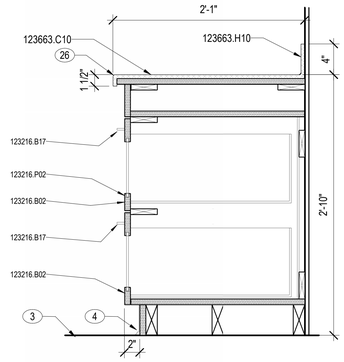
4 1 1/2" = 1'-0" **SINK CABINET SECTION1**



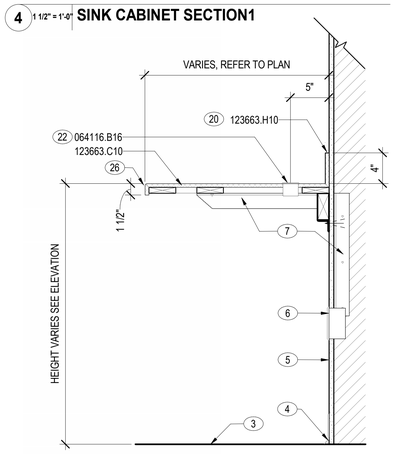
9 1 1/2" = 1'-0" **BASE CABINET W/ DRAWER TYP.**



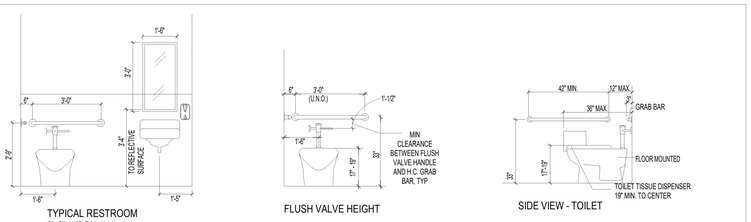
7 1 1/2" = 1'-0" **ACCESSIBLE SINK1**



5 1 1/2" = 1'-0" **STORAGE DRAWERS**

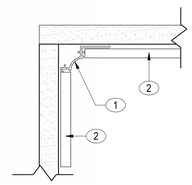


3 1 1/2" = 1'-0" **COUNTER WITH EXTENDED BACKSPLASH**

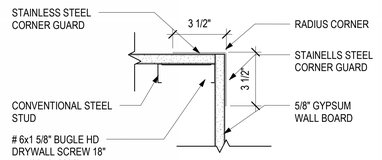


TYPICAL RESTROOM ELEVATION
FLUSH VALVE HEIGHT
SIDE VIEW - TOILET
WALL HUNG SINKS / MIRROR
SANITARY NAPKIN DISPOSAL
HAND TOWEL DISPENSER
TOILET SEAT COVER DISPENSER
TOWEL PIN
SOAP DISPENSER
MIRROR
MIRROR
SANITARY NAPKIN DISPENSER
ELECTRIC WATER COOLER

11 3/8" = 1'-0" **TYPICAL MOUNTING HEIGHTS**



2 6" = 1'-0" **PORCELAIN TILE INSIDE CORNER1**



1 3" = 1'-0" **SURFACE CORNERGUARD_SM-20A2**

GENERAL NOTES

A REFER TO SHEET I2.21 FOR FINISH SCHEDULE AND COLOR DESIGNATIONS LOCATED ON FINISH IDENTIFICATION. REFER TO SHEET B-AE810 FOR CEILING AND MISCELLANEOUS FINISH IDENTIFICATION SCHEDULE.

B REFER TO SHEET AE401 FOR MILLWORK ELEVATIONS.

C REFER TO SHEET AE801 FOR EQUIPMENT PLANS.

D PROVIDE BLOCKING EQUIPMENT AS NOTED AND AS NECESSARY BEHIND WALL MOUNTED CASEWORK AND EQUIPMENT. SEE SHEET B-AE801 FOR CASEWORK MOUNTING DETAIL AND EQUIPMENT MOUNTING DETAILS.

E PAINT ALL SUPPORT BRACKETS TO MATCH ADJACENT SURFACE.

SHEET NOTES

1 TR-2
2 PWT
3 FINISHED FLOOR
4 PL-1 BASE TO MATCH CABINET FINISH
5 FINISHED FACE OF PARTITION
6 POWER/PHONE/DATA RECEPTACLE. COORDINATE LOCATION WITH ELECTRICAL AND COMMUNICATION DRAWINGS.
7 CONCEALED METAL SUPPORT BRACKET; 48" ON CENTER MAX. ANCHOR BRACKET TO STUD OR BLOCKING AS SPECIFIED BY COUNTERTOP SUPPLIER. VERTICAL LEG TO BE CONCEALED. BRACKET SIZE MAY VARY BASED ON COUNTERTOP DEPTH; FABRICATOR TO VERIFY.
9 INTERIOR OF CABINET DOOR TO MATCH EXTERIOR
10 CABINET PULL
11 MELAMINE ON ALL INTERIOR CABINET SURFACES
12 COVER DRAIN AND HOT WATER SUPPLY LINES WITH INSULATION PER ADA REQUIREMENTS
13 CAULK AS REQ'D
14 ALL EXPOSED EXTERIOR CABINET EDGES TO BE CLAD WITH PLAM
16 ADJUSTABLE SHELVES
17 1/2" REVEAL
18 GYP. BD. SOFFIT
19 CONTINUOUS WOOD BLOCKING
20 INTEGRAL BACKSPLASH, PROVIDE BACKSPLASH WHEN SHOWN ON ELEVATION
21 QUARTZ BACKSPLASH
22 PROVIDE AS REQUIRED.
24 PLUMBING FIXTURE AS SCHEDULED. REFER TO EQUIPMENT SCHEDULE AND PLUMBING DRAWINGS FOR COORDINATION.
25 INTERIOR OF CABINET DOOR TO MATCH EXTERIOR PL-1
26 1/4" RADIUS EASED EDGE
27 RECESSED SHELF STANDARDS AND BRACKETS
28 ADJUSTABLE SHELVES

MATERIALS LIST

055000.E01	STEEL ANGLE
064116.B16	GROMMET
123216.B02	CABINET DRAWER
123216.B17	DRAWER PULL
123216.P02	WOOD FINISH
123663.C10	SOLID SURFACING COUNTERTOP
123663.H10	SOLID SURFACING BACKSPLASH

0 6" 1' 2'
1½" = 1'-0" GRAPHIC SCALE
0 2" 4" 8" 1'
3" = 1'-0" GRAPHIC SCALE
0 1" 2" 3" 6"
6" = 1'-0" GRAPHIC SCALE
0 1' 2' 4' 6' 8' 10'
3/8" = 1'-0" GRAPHIC SCALE

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A8.65E

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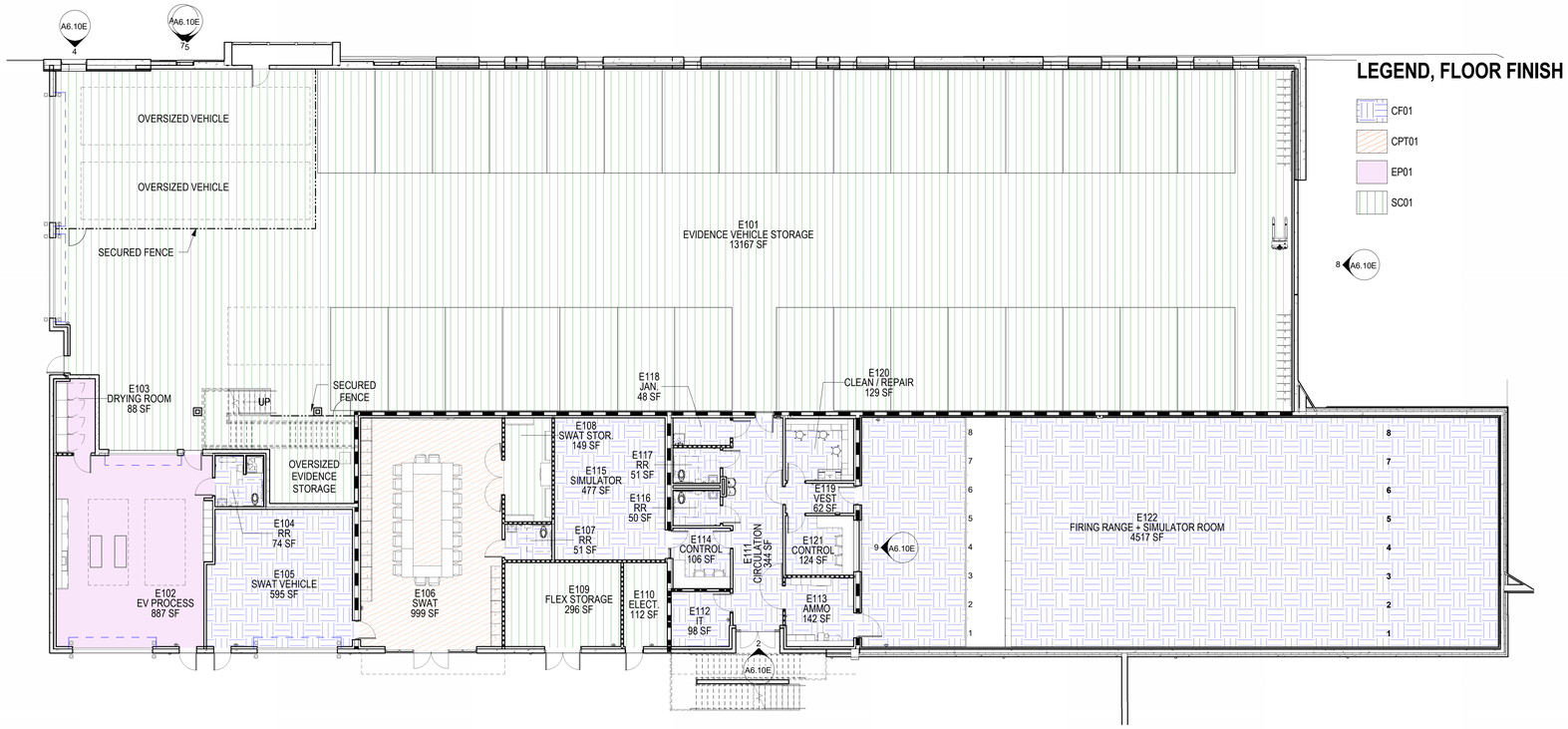


1 3/32" = 1'-0" **OVERALL FIRST FLOOR PLAN**

FINISH SCHEDULE

NUMBER	NAME	AREA	FLOOR	BASE	WALL, EAST	WALL, SOUTH	WALL, WEST	WALL, NORTH	CEILING FINISH	FINISH REMARKS
E101	EVIDENCE VEHICLE STORAGE	13167 SF	SC01	RB01	CONC	CONC	CONC	CONC	EXP	
E102	EV PROCESS	887 SF	EP01	RB01	PT01	PT01	PT01	PT01	EXP	FLOOR FINISH TO BE A CHEMICAL RESISTANT WHITE EPOXY WITH COVED BASE.
E103	DRYING ROOM	88 SF	EP01	EP01	PT01	PT01	PT01	PT01	EXP	FLOOR FINISH TO BE A CHEMICAL RESISTANT WHITE EPOXY WITH COVED BASE.
E104	RR	74 SF	CF01	EP01	PT01e	PT01e	PT01e	PT01e	PT01	
E105	SWAT VEHICLE	595 SF	CF01	RB01	PT01	PT01	PT01	PT01	EXP	
E106	SWAT	999 SF	CPT01	RB01	PT01	PT01	PT02	PT02	EXP	
E107	RR	51 SF	CF01	RB01	PT01e	PT01e	PT01e	PT01e	PT01	
E108	SWAT STOR.	149 SF	SC01	RB01	PT01	PT01	PT01	PT01	EXP	
E109	FLEX STORAGE	296 SF	SC01	RB01	PT01	PT01	PT01	PT01	EXP	
E110	ELECT.	112 SF	SC01	RB01	PT01	PT01	PT01	PT01	EXP	
E111	CIRCULATION	344 SF	CF01	RB01	PT01	PT01	PT02	PT01	ACP01	
E112	IT	98 SF	CF01	RB01	PT01	PT01	PT01	PT01	EXP	
E113	AMMO	142 SF	CF01	RB01	PT01	PT01	PT01	PT01	EXP	
E114	CONTROL	106 SF	CF01	RB01	PT01	PT01	PT01	PT01	ACP01	
E115	SIMULATOR	477 SF	CF01	RB01	PT01	PT01	PT01	PT01	EXP	
E116	RR	50 SF	CF01	RB01	PT01e	PT01e	PT01e	PT01e	PT01	
E117	RR	51 SF	CF01	RB01	PT01e	PT01e	PT01e	PT01e	PT01	
E118	JAN.	48 SF	CF01	RB01	PT01	PT01	PT01	PT01	EXP	
E119	VEST	62 SF	CF01	RB01	PT01	PT01	PT01	PT01	ACP01	
E120	CLEAN / REPAIR	129 SF	CF01	RB01	PT01e	PT01e	PT01e	PT01e	EXP	
E121	CONTROL	124 SF	CF01	RB01	PT01	PT01	PT01	PT01	ACP01	
E122	FIRING RANGE + SIMULATOR ROOM	4517 SF	CF01	RB01	CONC	CONC	CONC	CONC	BCP	
E201	MEZZANINE	2190 SF	SC01	RB01	PT01	PT01	--	--	EXP	

BASE FINISH IDENTIFICATION

WALL BASE FINISH	WALL BASE MATERIAL	WALL BASE MANUFACTURER	WALL BASE MANUFACTURER NO.	WALL BASE PATTERN	WALL BASE COLOR	WALL BASE SIZE	WALL BASE REMARKS	PROJECT REVISION
<varies>	RESILIENT WALL BASE	ROPPE	PINNACLE RUBBER BASE, STANDARD TOE	--	193 BLACK BROWN	6" H	PREFORMED INSIDE/OUTSIDE CORNERS	--

FLOOR FINISH IDENTIFICATION

what	FLOOR MATERIAL	FLOOR MANUFACTURER	FLOOR PRODUCT	FLOOR COLOR	FLOOR TEXTURE	SIZE	FLOOR REMARKS	PROJECT REVISION
CF01	CONCRETE (POLISHED)	SCOFIELD	FORMULA ONE GUARD-W	--	--	--	--	--
CPT01	CARPET TILE	MILLIKEN	OBEX ENTRANCE FLOOING	CUT/FIZZ, FZC174-133 TAUPE		50cm X 50cm	10% NOT TO EXCEED 10 YARDS OF ATTIC STOCK TO BE PROVIDED.	--
EP01	CONCRETE (SEALED)	TBD	CHEMICAL RESISTANT EPOXY	WHITE	--	--	--	--
SC01	CONCRETE (SEALED)	AMERIPOLISH	SR2 CONCRETE SEALER SOLVENT BASE	CLEAR	--	--	--	--

WALL FINISH IDENTIFICATION

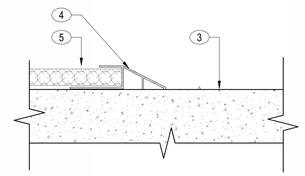
WALL FINISH CODE	WALL MATERIAL	WALL MANUFACTURER	WALL PRODUCT	WALL COLOR	WALL TEXTURE/FINISH	WALL SIZE	WALL FINISH REMARKS	PROJECT REVISION
CONC	EXPOSED TILT-UP	--	--	--	--	--		--
PT01	PAINT	SHERWIN WILLIAMS	--	SW7008 ALABASTER	LIGHT TEXTURE COAT ON ALL INTERIOR GYPSUM WALLBOARD	--	LEVEL 4 FINISH TYPICAL, LEVEL 5 FINISH AT ACCENT WALLS, CORRIDORS, 2 GALLONS OF EACH FINISH COAT OF EACH PRODUCT TO BE PROVIDED AS ATTIC STOCK	--
PT01e	PAINT, EPOXY	SHERWIN WILLIAMS	--	SW7008 ALABASTER	--	--	LEVEL 4 FINISH TYPICAL, LEVEL 5 FINISH AT ACCENT WALLS, CORRIDORS, 2 GALLONS OF EACH FINISH COAT OF EACH PRODUCT TO BE PROVIDED AS ATTIC STOCK	--
PT02	PAINT	SHERWIN WILLIAMS	--	SW9178 IN THE NAVY	--	--	LEVEL 4 FINISH TYPICAL, LEVEL 5 FINISH AT ACCENT WALLS, CORRIDORS, 2 GALLONS OF EACH FINISH COAT OF EACH PRODUCT TO BE PROVIDED AS ATTIC STOCK	--

CEILING FINISH IDENTIFICATION

FINISH CODE	CEILING TYPE	CEILING MANUFACTURER	CEILING PRODUCT	CEILING COLOR	CEILING TEXTURE / FINISH	CEILING SIZE	CEILING REMARKS	PROJECT REVISION
								<varies>
ACP01	ACOUSTIC CEILING	ROCKFON	ALASKA SQUARE LAY-IN	WHITE	NON-DIRECTIONAL	2'X2', 3/4"	400 TEMPRA SQ 9/16 SUSPENSION SYSTEM, NRC.90	--
BCP	BALLISTIC CEILING PANELS	ACTION TARGET	--	--	--	--	--	--
EXP	EXPOSED TO STRUCTURE	--	--		--	--	--	--
PT01	PAINTED GYPSUM BOARD	SHERWIN WILLIAMS	--	SW7008 ALABASTER	--	--	LEVEL 4 FINISH TYPICAL, 2 GALLONS OF EACH FINISH COAT OF EACH PRODUCT TO BE PROVIDED AS ATTIC STOCK	--

MISCELLANEOUS IDENTIFICATION

FINISH CODE KEY	FINISH MATERIAL	FINISH MANUFACTURER	FINISH PRODUCT	FINISH COLOR	FINISH TEXTURE	FINISH SIZE	FINISH LOCATION	FINISH REMARKS	PROJECT REVISION
CG01	CORNER GUARD	IN-PRO CORPORATION	150 HIGH IMPACT CORNER GUARD	GALA 380	--	3"X3"X72"	--	INSTALL DIRECTLY ABOVE WALL BASE.	--
PL03	HIGH PRESSURE LAMINATE	WILSONART	--	7946 ASIA	18 LINEARITY	--	RM E106 CASEWORK	INTERIOR WOODWORK.	--
PL05	STAINLESS STEEL	--	--	--	--	--	--	--	--
SS02	SOLID SURFACE MATERIAL COUNTERTOP	CORIAN	SOLID SURFACE	LINEN	--	1/2" D	E106 COUNTERTOP	SQUARE EASTED EDGE	--
SS03	STAINLESS STEEL COUNTERTOPSL	--	STAINLESS STEEL	--	--	--	RM E113 & RM 120 COUNTERTOPS	SQUARE EASTED EDGE	--
SS04	STAINLESS STEEL WALL PANEL		STAINLESS STEEL	--	--	--	RM E113 & RM 120 WALL PANEL ALONG WORK AREAS	SQUARE EASTED EDGE	--
TS01	METAL EDGE TRIM	SCHLUTER	VINPRO-U	BRUSHED CHROME ANNODIZED	--	--	USE AT CPT TRANSITION TO CONCRETE	--	--



3 FLOOR TRANSITION CARPET TO CONCRETE
6" = 1'-0"

PLAN NORTH

0 5' 10' 20' 30' 40'
3/32" = 1'-0" GRAPHIC SCALE

GENERAL NOTES

A FINISH SCHEDULE FOLLOW SHEET NORTH.
B REFER TO REFLECTED CEILING PLAN SHEETS A3.01E FOR CEILING HEIGHTS AND DESIGN COORDINATION.
C INTERIOR DOOR FRAMES AND INTERIOR WINDOW FRAMES PAINTED TO MATCH ADJACENT WALL, UNLESS OTHERWISE NOTED.
D FLOOR TRANSITIONS BETWEEN ROOMS TO BE AT CENTER LINE OF DOOR, UNLESS OTHERWISE NOTED.
E CHANGES IN LEVEL OF 1/4" HIGH MAX ARE TO BE PERMITTED VERTICAL. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM ARE TO BE BEVELED WITH A SLOPE NO STEEPER THAN 1:2.
F PAINT WALL BEHIND CORNER GUARDS AS SCHEDULED FINISH SCHEDULE.
G REFER TO SHEET A4.01E AND A4.02E FOR CASEWORK MATERIAL LEGEND, MISCELLANEOUS LEGEND.
H FINISHES INDICATED ARE THE APPROVED BASIS OF DESIGN TO CONVEY COLOR, PATTERN, TEXTURE AND SALIENT CHARACTERISTICS ONLY. THE LIST OF MANUFACTURER INFORMATION IS NOT INTENDED TO LIMIT THE SELECTION OF PRODUCTS PROVIDED BY OTHER MANUFACTURER. PRODUCT SUBSTITUTIONS MEETING THESE CRITERIA WILL BE CONSIDERED AND ARE TO BE REVIEWED BY THE ARCHITECT OF RECORD AND APPROVED BY THE USER GROUP.

SHEET NOTES

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REGISTRATION

STATE OF FLORIDA
CORINNE LOVRUM
AR 0018098
REGISTERED ARCHITECT

DRAWING HISTORY

No.	DATE	DESCRIPTION

CONSULTANT

PROJECT STATUS
90% CONSTRUCTION DOCUMENTS / PERMIT SET

DATE OF ISSUE
10/14/2025

PROJECT NAME
RBPD EVIDENCE & FIRE RANGE BUILDING

PROJECT LOCATION
2125 AVENUE S, RIVIERA BEACH, FL 33404

PROJECT NUMBER
1007657.00

SHEET TITLE
FINISH PLAN - LEVEL 1

SHEET NUMBER
AF2.10E

FILE NAME: Autodesk Docs://_1007657.00 - CORE - City of Riviera Beach D/1007657 - RBPD_Evidence_&_Fire_Range_Building.rvt
DATE STAMP: 10/23/2025 5:42:36 PM