# CROSSOVER MISSION

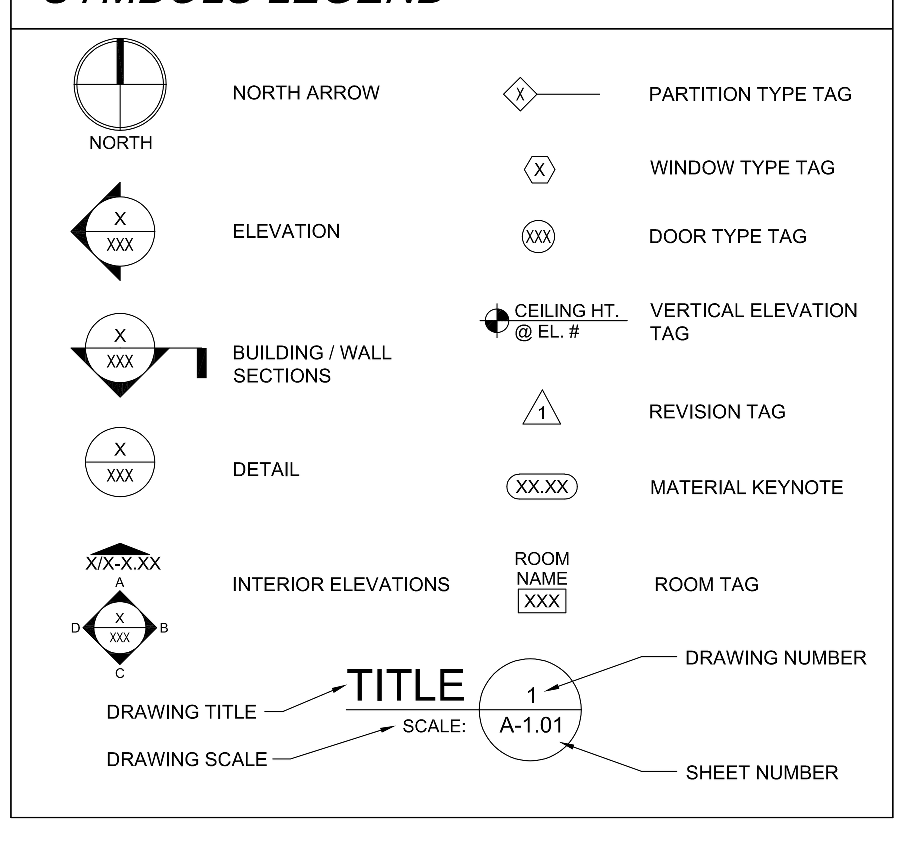
## VERO BEACH, FLORIDA

## PHASE 1B - BUILDING IMPROVEMENTS

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| AB | ANCHOR BOLT | MATL | MATERIAL |
| A/C | AIR CONDITIONING | MECH | MECHANICAL |
| AFF | ABOVE FINISH FLOOR | MEMB | MEMBRANE |
| ALUM | ALUMINUM | MTL | MEAN TIDE LEVEL |
| APPROX | APPROXIMATELY | MFC | METAL FURRING CHANNEL |
| ARCH | ARCHITECTURAL / ARCHITECT | MFR | MANUFACTURER |
| BD | BOARD | MIN | MINIMUM |
| BLDG | BUILDING | MIR | MIRROR |
| BLK | BLOCK | MISC | MISCELLANEOUS |
| BOT / BOTT | BOTTOM | MO | MASONRY OPENING |
| BRG | BEARING | MR | MOISTURE RESISTANT |
| BTWN | BETWEEN | MT | METAL THRESHOLD |
| CAB | CABINET | NAT | NATURAL |
| CLG / CEIL | CEILING | NIC | NOT IN CONTRACT |
| CEM | CEMENT | # | NUMBER |
| CL | CLOSET | NOM | NOMINAL |
| CLR | CLEAR | NTS | NOT TO SCALE |
| COL | COLUMN | OA | OVERALL / OUTSIDE AIR |
| CONC | CONCRETE | OC | ON CENTER |
| CONST | CONSTRUCTION | OPNG | OPENING |
| CONT | CONTINUOUS | OPP | OPPOSITE |
| CONTR | CONTRACTOR | ORIG | ORIGINAL |
| CT | CERAMIC TILE | PART | PARTITION |
| CTR | CENTER | PL | PLATE |
| DEG | (°) DEGREE | PLAS | PLASTER |
| DEPT | DEPARTMENT | PLWD | PLYWOOD |
| DTL | DETAIL | PNL | PANEL |
| DF | DRINKING FOUNTAIN | PNT / PTD | PAINT / PAINTED |
| DIA | DIAMETER | POL | POLISHED |
| DIM | DIMENSION | PREFAB | PREFABRICATED |
| DN | DOWN | PROJ | PROJECT |
| DR | DOOR | PSF | POUNDS PER SQUARE FOOT |
| DWG | DRAWING | PSI | POUNDS PER SQUARE INCH |
| EA | EACH | PT | PRESSURE TREATED |
| EL / ELEV | ELEVATION | PVMT | PAVEMENT |
| ELEC | ELECTRIC / ELECTRICAL | QTY | QUANTITY |
| EQ | EQUAL | REF | REFRIGERATOR |
| EQUIV | EQUIVALENT | REQD | REQUIRED |
| EQUIP | EQUIPMENT | REINF | REINFORCED / REINFORCING |
| EW | EACH WAY | RET | RETURN |
| EXH | EXHAUST | REV | REVERSE / REVISION |
| EXIST | EXISTING | RGD | RIGID |
| EXT | EXTERIOR | RM | ROOM |
| FD | FLOOR DRAIN | RO | ROUGH OPENING |
| FIN | FINISH | SCHED | SCHEDULE |
| FIX | FIXTURE | SD | SOAP DISPENSER |
| FL | FLOOR | SEP | SEPARATE |
| FLUOR | FLUORESCENT | SECT | SECTION |
| FTG | FOOTING | SHLF | SHELF |
| FURR | FURRING | SHT | SHEET |
| GA | GAGE / GAUGE | SIM | SIMILAR |
| GALV | GALVANIZED | SPEC | SPECIFICATION |
| GL | GLASS / GLAZING | SPKR | SPEAKER |
| GR | GRADE | SQ | SQUARE |
| GYP | GYPSUM | STD | STANDARD |
| HB | HOSE BIBB | STL | STEEL |
| HCP | HANDICAP | STOR | STORAGE |
| HDWR | HARDWARE | SUB | SUBSTITUTE / SUBSTRATE |
| HDWD | HARDWOOD | SURF | SURFACE |
| HGT | HEIGHT | SUSP | SUSPEND / SUSPENDED |
| HM | HOLLOW METAL | SYS | SYSTEM |
| HR | HOUR | T&G | TONGUE & GROOVE |
| HVAC | HEATING / VENTILATING | TEL | TELEPHONE |
| HW | HOT WATER | THK | THICK / THICKNESS |
| IN | INCH | TPH | TOILET PAPER HOLDER |
| INCAND | INCANDESCENT | TRANS | TRANSFORMER |
| INCL | INCLUDE | TYP | TYPICAL |
| INFO | INFORMATION | UGND | UNDERGROUND |
| INSUL | INSULATE / INSULATION | UL | UNDERWRITERS LAB. |
| INT | INTERIOR | VERT | VERTICAL |
| KIT | KITCHEN | W/ | WITH |
| LAM | LAMINATED | WC | WATER CLOSET |
| LAV | LAVATORY | WH | WATER HEATER |
| LB / LBS | POUND / POUNDS | WM | WIRE MESH |
| LIN | LINEAR | W/O | WITHOUT |
| LL | LIVE LOAD | WP | WATERPROOF |
| LT | LIGHT | WS | WEATHER STRIPPING |
| LVR | LOUVER | WWF | WELDED WIRE FABRIC |

## SYMBOLS LEGEND




## GENERAL NOTES

1. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. ANY DIMENSION NOT GIVEN OR MISLABELED SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
2. ANY DISCREPANCIES WITH THE DRAWINGS DIMENSIONS OR OTHERWISE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO PURCHASING OF MATERIALS, PROJECT COMPONENTS AND COMMENCEMENT OF CONSTRUCTION.
3. ALL WORK TO BE PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH THE CURRENT BUILDING CODE AS STATED ON THE BUILDING CODE SUMMARY IN THESE DOCUMENTS, AS WELL AS ALL CITY ORDINANCES, RULES AND REGULATIONS. ALL WORK SHALL CONFORM TO FLORIDA STATE STATUTES.
4. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE CONTRACT DOCUMENTS, AND CONTRACT SUPPLEMENTS RELATIVE TO THE SCOPE OF THE WORK RELATING TO THIS PROJECT.
5. GENERAL CONTRACTOR SHALL CALL 1-800-432-4770 (BEFORE YOU DIG), TWO FULL BUSINESS DAYS BEFORE DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISRUPTION TO ANY UTILITY SERVICES DAMAGED.
6. THE CONTRACTOR SHALL TAKE APPROPRIATE ACTION TO PROVIDE THE NECESSARY PROTECTION OF THE GENERAL PUBLIC AND PREVENT ACCESS TO THE PROJECT SITE. THE CONTRACTOR IS TO SECURE THE SITE WITH ADEQUATE SAFETY MEASURES TO PREVENT ACCESS TO THE PUBLIC OF AREAS UNDER CONSTRUCTION.
7. IT IS RECOGNIZED THAT THE CONTRACT DOCUMENTS DO NOT COVER SOME CONDITIONS OR MODIFICATIONS WHICH MAY BE REQUIRED AND WHICH MAY NOT ACCURATELY REFLECT THE EXISTING CONDITIONS. IT IS HOWEVER, INTENDED THAT THE CONDITIONS NOT DETAILED OR NOT SHOWN ACCURATELY SHALL BE DEVELOPED THOUGH THE TRADE CONTRACTORS VIA SHOP DRAWINGS, REPORTS OR SPECIFICATIONS TO THE SAME LEVEL OR AESTHETICS AND IN COMPLIANCE WITH THE PERFORMANCE CRITERIA AS INDICATED FOR DETAILED AREAS AND STIPULATED IN THESE DOCUMENTS. THE CONTRACTOR, IN THEIR PREPARATION OF THEIR BID, IS TO VISIT THE SITE AND DETERMINE THE EXISTING CONDITIONS FOR THEMSELVES. THE TRADE CONTRACTORS BY ACCEPTING A CONTRACT FOR THE WORK ACKNOWLEDGES THIS AND AGREES THAT THE OWNER AND ARCHITECT SHALL HAVE THE FINAL APPROVAL.
8. ANY SUBSTITUTIONS, REVISIONS, OR ADDITIONS PROPOSED BY THE CONTRACTOR OR THEIR SUB-CONTRACTORS SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO IMPLEMENTATION. THE ARCHITECT IS NOT RESPONSIBLE FOR THE TECHNIQUES, MEANS, AND METHODS EMPLOYED BY THE CONTRACTOR OR THEIR SUBCONTRACTORS FOR THE FABRICATION OR INSTALLATION OF ANY SPECIFIED ITEM OR MATERIAL. IT IS THE RESPONSIBILITY OF THE PARTY SUBMITTING THE SUBSTITUTION REQUEST TO RESEARCH AND QUALIFY THAT PERFORMANCE AND CONSTRUCTION SPECIFICATIONS MEET THOSE OF THE ORIGINALLY SPECIFIED ITEM OR MATERIAL PRIOR TO SUBMISSION OF SUBSTITUTIONS TO THE DESIGNER.
9. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND REPORT ANY CONDITIONS WHICH ARE IN CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS TO THE INTERIOR DESIGNER AND/OR ARCHITECT IMMEDIATELY. DO NOT PROCEED WITH CONSTRUCTION UNTIL ALL DISCREPANCIES ARE RESOLVED. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF ALL GOVERNING FEDERAL, STATE, AND LOCAL BUILDING CODES.
10. DIMENSIONS INDICATED ON THE DIMENSIONED PLAN ARE TO THE FACE OF STUD OR CONC. SUBSTRATE.
11. GENERAL CONTRACTOR SHALL NOTIFY THE ELECTRICAL CONTRACTOR AND/OR OWNER IF CONFLICTS OCCUR BETWEEN LIGHTING AND OTHER TRADES OR BUILDING STRUCTURE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE OWNER AND CONTRACTOR.
12. NOTIFY THE OWNER IMMEDIATELY IF THE REMOVAL OR INSTALLATION OF LIGHTING, PLUMBING, MECHANICAL, ELECTRICAL SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF EXISTING MEP SYSTEMS OUTSIDE THE SCOPE OF WORK.
13. CONTRACTOR TO COORDINATE SUPPLY, LOCATION, & REMOVAL OF DUMPSTERS FOR DEMOLITION & CONSTRUCTION.
14. FINISHES, EQUIPMENT, HARDWARE, FURNISHINGS, APPLIANCES AND LIGHTING NOT SPECIFIED ARE TO BE APPROVED BY OWNER PRIOR TO PURCHASING MATERIALS. CONTRACTOR SHALL SUBMIT SAMPLES AND MANUFACTURER'S PRODUCT INFORMATION TO OWNER FOR APPROVAL.

## PROJECT DATA

| SITE DATA | |
|---|---|
| PROJECT ADDRESS: | 4425 US-1<br>VERO BEACH, FL 32967 |
| ZONING DESIGNATION: | CH - HEAVY COMMERCIAL DISTRICT |
| MUNICIPALITY: | INDIAN RIVER COUNTY, FLORIDA |

## BUILDING CODE SUMMARY

**SCOPE OF WORK:**

PHASE 1-B OF CROSSOVER MISSION PROJECT. IMPROVEMENTS TO COVERED SCREENED ROOM TO CREATE DINING HALL (ASSEMBLY/FIRST FLOOR) & ESTABLISHMENT OF TUTORING CENTER ( BUSINESS/SECOND FLOOR), OFFICES (BUSINESS/SECOND FLOOR), AND STUDENT LOUNGE (ASSEMBLY/SECOND FLOOR).

**DESIGN CRITERIA:**

- FLORIDA BUILDING CODE 2020 - 7TH EDITION
- FLORIDA FIRE PREVENTION CODE 2017 - 7TH EDITION
- NFPA 101 NEW ASSEMBLY
- NFPA 101 NEW BUSINESS
- NFPA 101 NEW STORAGE
- AMERICANS WITH DISABILITIES ACT (ADA)
- INDIAN RIVER COUNTY CODE OF ORDINANCES

**CONSTRUCTION TYPE:**

TYPE **"V-B"** UNPROTECTED - FULLY SPRINKLERED

**OCCUPANCY CLASSIFICATION:**

PRIMARY OCCUPANCY CLASSIFICATION: **"A-3" - ASSEMBLY**

ACCESSORY OCCUPANCY CLASSIFICATION: **"B" - BUSINESS**

## EXISTING BUILDING AREA SUMMARY

| BUILDING AREA: | GROSS BUILDING | PHASE 1 | PHASE 1B | PHASE 1 + 1B |
|---|---|---|---|---|
| FIRST FLOOR AREA | 28,740 SF | 13,420 SF | 589 SF | 14,009 SF |
| SECOND FLOOR AREA | 10,942 SF | 1,921 SF | 3,562 SF | 5,483 SF |
| TOTAL AREA | 39,682 SF | 15,341 SF | 4,151 SF | 19,492 SF |

## DIVISION 1 - GENERAL REQUIREMENTS

1.01 ARCHITECT'S STATUS:
THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OR CHARGE OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEEDURES; OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND SHALL HAVE CONTROL OR CHARGE OVER THE ACTS OF THEIR SUBCONTRACTORS AND ANY OF THEIR AGENTS OR EMPLOYEES RELATED TO THE WORK. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR PERFORMING ANY OF THE WORK.

1.02. CODES:
A. ALL CODES HAVING JURISDICTION SHALL BE OBSERVED STRICTLY IN THE CONSTRUCTION OF THE PROJECT, INCLUDING ALL APPLICABLE STATE, CITY AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING, LIFE SAFETY & FIRE CODES. CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS IN THE COSTRUCTION DOCUMENTS TO THE ATTENTION OF THE ARCHITECT.
B. CONSTRUCTION DOCUMENTS SHALL COMPLY WITH:
- INDIAN RIVER COUNTY CODE OF ORDINANCES
- FLORIDA BUILDING CODE, 2017
- FLORIDA FIRE PREVENTION CODE, 2017
- NFPA 101 2017
- AMERICANS WITH DISABILITIES ACT (ADA)

1.03 PERMITS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING AND TRADE PERMITS AND THEIR RESPECTIVE COSTS.

1.04. JOB CONDITIONS:
A. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTAL OF BID AND/OR CONTRACT NEGOTIATIONS AND SHALL VERIFY EXISTING CONDITIONS WITH THE CONSTRUCTION DOCUMENTS. DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS (AND THEIR INTENT) SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION IN WRITING. BIDS SHALL NOT BE NOT BE SUBMITTED OR CONSTRUCTION CONTRACTS NEGOTIATED BY THE CONTRACTOR PRIOR TO THE CLARIFICATION OF THE INTENT OF THE CONSTRUCTION DOCUMENTS WHERE SUCH INTENT IS IN DOUBT.
B. DIMENSIONS AND NOTES SHALL TAKE PRECEDENCE OVER SCALE AND GRAPHICS.
C. THE WORK IS BEING PERFORMED IN AN EXISITNG BUILDING, AS AN ADDITION OR ALTERATION(S) TO THE EXISTING BUILDING. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS WITH REFERENCE TO ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS. ANY DISCREPANCIES BETWEEN THESE EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO THE SUBMISSION OF BIDS OR CONTRACT NEGOTIATIONS. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE WORK BY TRADES, SUPPLIERS, SUBCONTRACTORS AND OTHER PROVIDERS TO INSURE THAT THE WORK, WHEN COMPLETED, WILL BE IN ACCORDANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.

1.05 WORK NECESSARY TO COMPLETE CONSTRUCTION:
IT IS THE PURPOSE OF THESE PLANS AND SPECIFICATIONS TO DESCRIBE A COMPLETE AND FINISHED PROJECT OTHER THAN ITEMS MARKED "N.I.C." (NOT IN CONTRACT).

1.06 CLEAN UP/ REPAIR:
A. THE CONTRACTOR SHALL MAINTAIN THE PREMISES CLEAN AND FREE OF ALL TRASH, DEBRIS AND SHALL PROTECT ALL ADJACENT WORK FROM DAMAGE, SOILING, PAINT OVERSPRAY, ETC. ALL FIXTURES, EQUIPEMENT, GLAZING FLOOR, ETC. SHALL BE LEFT CLEAN AND READY FOR OCCUPANCY UPON COMPLETION OF THE PROJECT.
B. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL EXISTING ITEMS DAMAGED BY THE PROCESS OF NEW CONSTRUCTION AND SHALL FINISH ALL PATCHWORK AND REPAIRS TO MATCH EXISTING ADJACENT AREAS AND SURFACES.

1.07 SHOP DRAWINGS:
THE CONTRACTOR SHALL SUBMIT 5 SETS OF SHOP DRAWINGS OF ALL FABRICATED ITEMS AND EQUIPMENT FOR OWNER'S REVIEW PRIOR TO FABRICATION AND COMMENCEMENT WITH THE WORK.

1.08 ALLOWANCES:
FIXTURES, EQUIPMENT, HARDWARE AND FINISHES NOT SPECIFIED SHALL BE PROVIDED FOR IN THE CONTRACTOR'S BID AS LINE ITEM ALLOWANCES ON A SCHEDULE OF VALUES.

1.09 SCHEDULE:
THE CONTRACTOR SHALL DELIVER TO THE OWNER, AS PART OF THE BID DOCUMENTS, THEIR PROPOSED SCHEDULE FOR CONSTRUCTION, INCLUDING COMMENCEMENT OF WORK THROUGH CERTIFICATE OF OCCUPANCY AND SHALL INCLUDE PRODUCT AND WORKMANSHIP WARRANTY PERIODS.

## BUILDING DEPARTMENT PRODUCT APPROVAL CHECKLIST

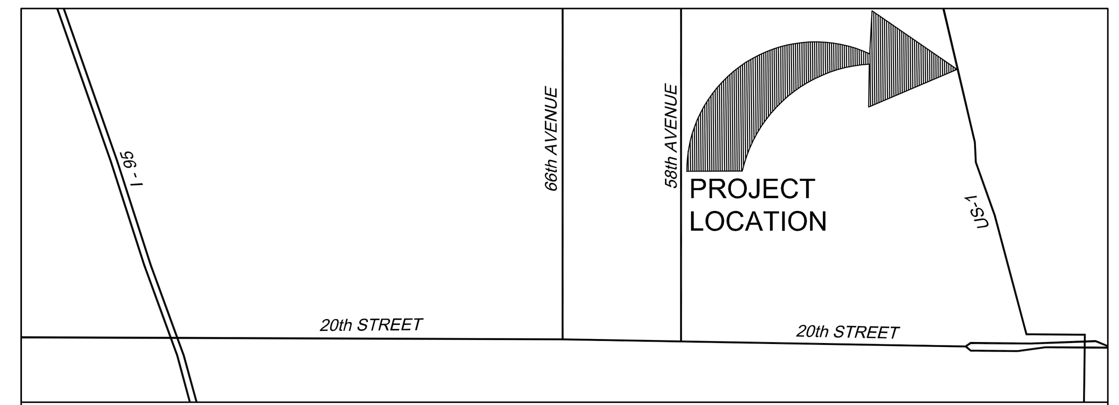
**Permit Type** : Commercial **Permit No.** : **Owners Name** : CROSSOVER MISSION

**Design Professional Name A/E** : PNF ARCHITECTURE + DESIGN **Job Site Location** : 4425 US-1 VERO BEACH, FLORIDA 32967

Rule 9 B-72 requires the following information promulgated by the Florida Building Commission. In the event that information required for product approval has been incorporated in to the plans, specifications or general notes, simply indicate page number on the affidavit.

| PRODUCT | MODEL NUMBER | MANUFACTURER | EVALUATION AGENCY | EXP. DATE |
|---|---|---|---|---|
| EXTERIOR DOORS:<br>STOREFRONT DOORS: | SS-3500 Series Impact-Resistant Aluminum Storefront Window System | CGI WINDOWS AND DOORS | FL25574-R3 | |
| METAL EXTERIOR DOORS: | SteelCraft "H Series" Flush Outswing Steel Door | SCHLAGE LOCK COMPANY | FL4031-R10 | |
| METAL EXTERIOR ROLL-UP DOORS: | Overhead Door Company Series 625, FIP Slat | OVERHEAD DOOR COMPANY | FL742-R9 | |

In accordance with the Florida Architects and Engineers product approval system, this affidavit certifies that I have performed the building envelope evaluation as required by the Florida Building Code.




## LOCATION PLAN

## DRAWING INDEX

| SHEET | SHEET TITLE | FIRST ISSUED | REVISION NUMBER | LATEST REVISION |
|---|---|---|---|---|
| GENERAL / CIVIL / LANDSCAPING | | | | |
| GN-1 | GENERAL NOTES, DRAWING INDEX, LOCATION MAP & CONSULTANT INFORMATION | 8/18/2022 | - | - |
| | MAP OF SURVEY BOUNDARY (GSS SURVEYING AND MAPPING) | 4/15/2022 | - | - |
| C-1 | CIVIL SITE PLAN | 6/13/2022 | - | - |
| L-1.00 | LANDSCAPING PLAN | 8/9/2022 | - | - |
| ARCHITECTURAL | | | | |
| A-1.00 | SITE PLAN | 8/18/2022 | - | - |
| EX-1.11 | EXISTING GROUND FLOOR PLAN | 8/18/2022 | - | - |
| EX-1.13 | EXISTING GROUND FLOOR REFLECTED CEILING PLAN | 8/18/2022 | - | - |
| EX-1.21 | EXISTING SECOND FLOOR PLAN | 8/18/2022 | - | - |
| EX-1.23 | EXISTING SECOND FLOOR REFLECTED CEILING PLAN | 8/18/2022 | - | - |
| A-1.11 | GROUND FLOOR PLAN / LIFE SAFETY PLAN | 8/18/2022 | - | - |
| A-1.13 | GROUND FLOOR REFLECTED CEILING PLAN | 8/18/2022 | - | - |
| A-1.21 | SECOND FLOOR PLAN / LIFE SAFETY PLAN | 8/18/2022 | - | - |
| A-1.23 | SECOND FLOOR REFLECTED CEILING PLAN | 8/18/2022 | - | - |
| A-1.31 | ROOF PLAN | 8/18/2022 | - | - |
| A-3.01 | BUILDING SECTION | 8/18/2022 | - | - |
| A-3.02 | WALL SECTIONS / DETAILS | 8/18/2022 | - | - |
| A-4.01 | FIRST FLOOR PLAN DETAIL / INTERIOR ELEVATIONS | 8/18/2022 | - | - |
| A-4.02 | SECOND FLOOR PLAN DETAIL | 8/18/2022 | - | - |
| A-6.01 | DOOR SCHEDULE, HARDWARE SCHEDULE & NOTES | 8/18/2022 | - | - |
| A-6.02 | WINDOW SCHEDULE & WINDOW TYPES | 8/18/2022 | - | - |
| A-7.01 | WALL TYPES/ ROOF/CEILING TYPES | 8/18/2022 | - | - |
| STRUCTURAL | | | | |
| S0.01 | STRUCTURAL NOTES | 8/4/2022 | - | - |
| S1.01 | STRUCTURAL SECTIONS AND DETAILS | 8/4/2022 | - | - |
| S1.02 | STRUCTURAL DETAILS | 8/4/2022 | - | - |
| S2.01 | CRICKET FRAMING PLAN AND STRUCTURAL SECTIONS | 8/4/2022 | - | - |
| MECHANICAL | | | | |
| M-1 | MECHANICAL LEGEND, NOTES & SPECIFICATIONS | 5/11/2022 | - | - |
| M-2 | MECHANICAL PLANS | 5/11/2022 | - | - |
| PLUMBING | | | | |
| P-1 | PLUMBING LEGEND, DETAILS & PLAN - 1ST FLOOR | 5/11/2022 | - | - |
| ELECTRICAL | | | | |
| E-1 | ELECTRICAL LEGEND, NOTES & SPECIFICATIONS | 5/11/2022 | - | - |
| E-2 | ELECTRICAL PLANS | 5/11/2022 | - | - |
| E-3 | ELECTRICAL PLANS | 5/11/2022 | - | - |
| E-4 | ELECTRICAL RISER DIAGRAM | 5/11/2022 | - | - |

## PROJECT CONSULTANTS:

STRUCTURAL ENGINEER
T.E. SCHLITT ENGINEERING
1555 INDIAN RIVER BLVD, SUITE B-145
VERO BEACH, FL 32960
T 772-360-4998

ARCHITECT
PNF ARCHITECTURE + DESIGN, LLC.
505 BEACHLAND BOULEVARD, SUITE 1-324
VERO BEACH, FL 32963
T 786-351-9447

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER
DDC ENGINEERING, INC.
4083 SOUTH US 1, SUITE 101
ROCKLEDGE, FL 32955
T 321-633-4522

SURVEYOR
GSS SURVEYING AND MAPPING LLC
700 22ND PLACE, SUITE 2A
VERO BEACH, FL 32960
T 772-696-5300

CIVIL ENGINEER
MILLS, SHORT & ASSOCIATES
700 22ND PLACE, SUITE 2C/2D
VERO BEACH, FL 32960
T 772-226-7282

CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967


P N F ARCHITECTURE + DESIGN
505 BEACHLAND BOULEVARD, SUITE 1 - 324
VERO BEACH, FLORIDA 32963
7 8 6 . 3 5 1 . 9 4 4 7 T E L
PFERNANDEZ@PNFARCHITECTURE.COM
FLORIDA LICENSE #AR 95193


| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

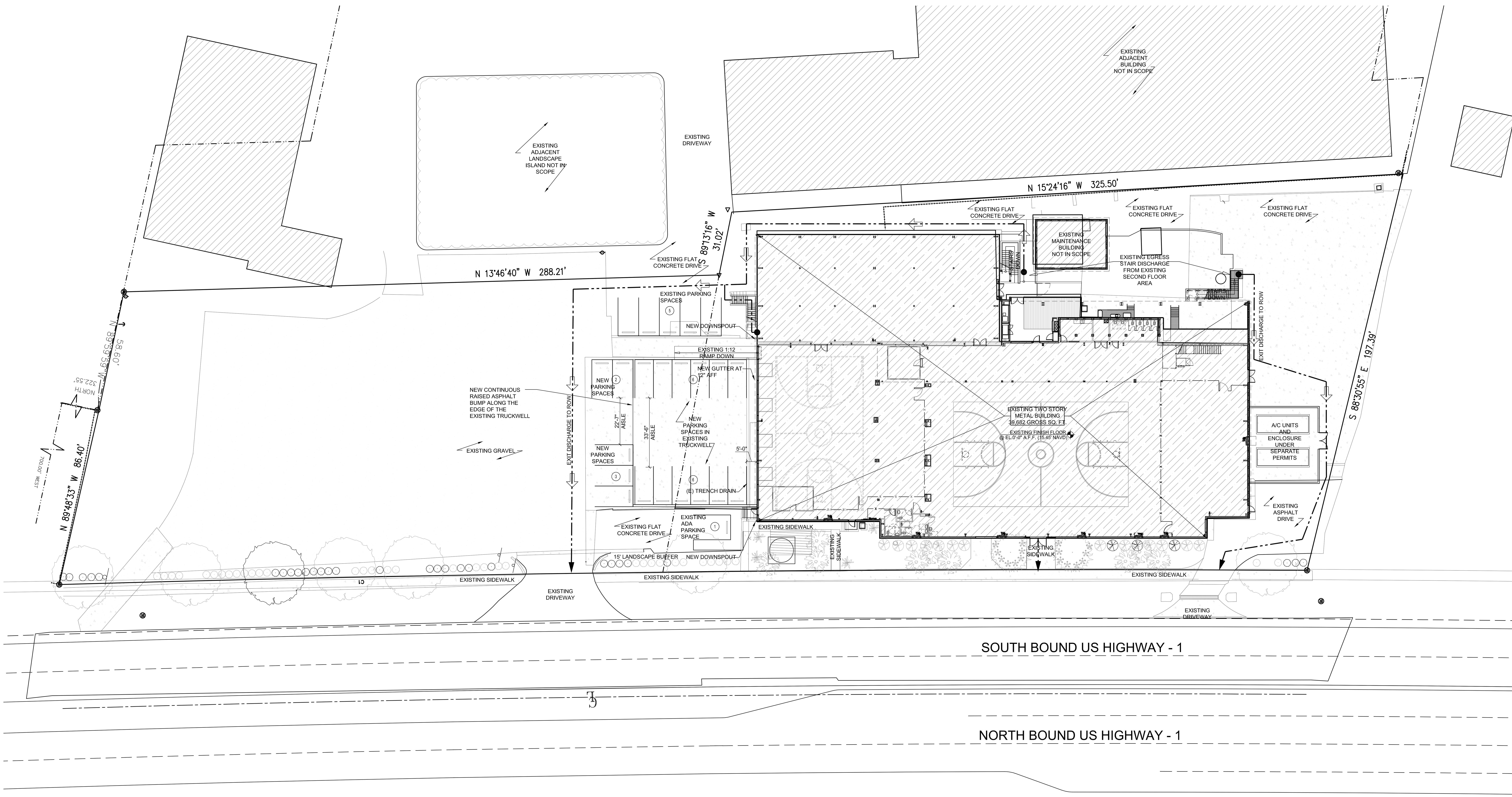
GENERAL NOTES, PROJECT DATA, AREA CALCULATIONS & BUILDING CODE ANALYSIS, DRAWING INDEX

## LIFE SAFETY SYMBOLS

| | |
|---|---|
| ⇦ | DIRECTION OF EGRESS |
| ←·—·—·● | PATH OF EGRESS TRAVEL TO R.O.W. |

## PARKING CALCULATION

| | | | |
|---|---|---|---|
| OFFICES | 1 SPACE PER 300G | 2,740 SF / 300G | = 10 SPACES |
| CLASSROOMS | 2.5 SPACES EACH | 2 CLASSRMS x 2.5 | = 5 SPACES |
| STAFF | 1 SPACE EACH | 3 TEACH. STAFF | = 3 SPACES |
| GENERAL COMMERCIAL | 1 SPACE PER 200G | 935 SF / 200G | = 5 SPACES |
| TOTAL | | | 23 SPACES (INCLUDES 1 ADA SPACE) |




ARCHITECTURAL SITE PLAN / LIFE SAFETY SITE PLAN

SCALE: 1" = 20'

1 A-1.00

NORTH


CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967

P N F ARCHITECTURE + DESIGN
505 BEACHLAND BOULEVARD, SUITE 1 - 324
VERO BEACH, FLORIDA 32963
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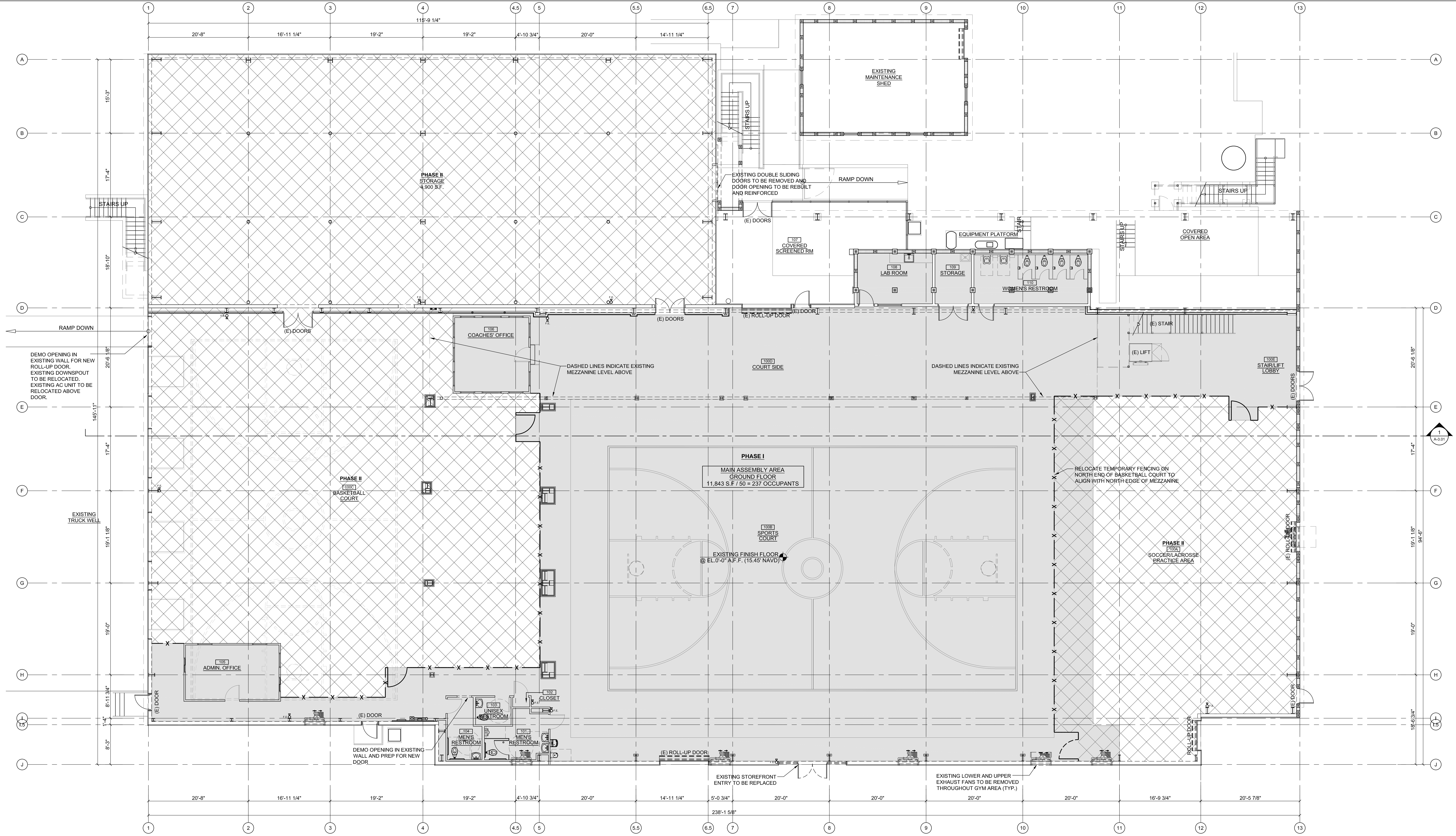
PFERNANDEZ@PNFARCHITECTURE.COM
FLORIDA LICENSE #AR 95193


| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

ARCHITECTURAL SITE PLAN
LIFE SAFETY PLAN

A-1.00




## EXISTING GROUND FLOOR PLAN

1 EX-1.11

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

NORTH

| PROJECT PHASE LEGEND | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

# CROSSOVER MISSION

4425 US-1
VERO BEACH, FLORIDA 32967


P N F ARCHITECTURE + DESIGN
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PFERNANDEZ@PNFARCHITECTURE.COM
FLORIDA LICENSE #AR 95193


| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

EXISTING GROUND FLOOR PLAN

EX-1.11

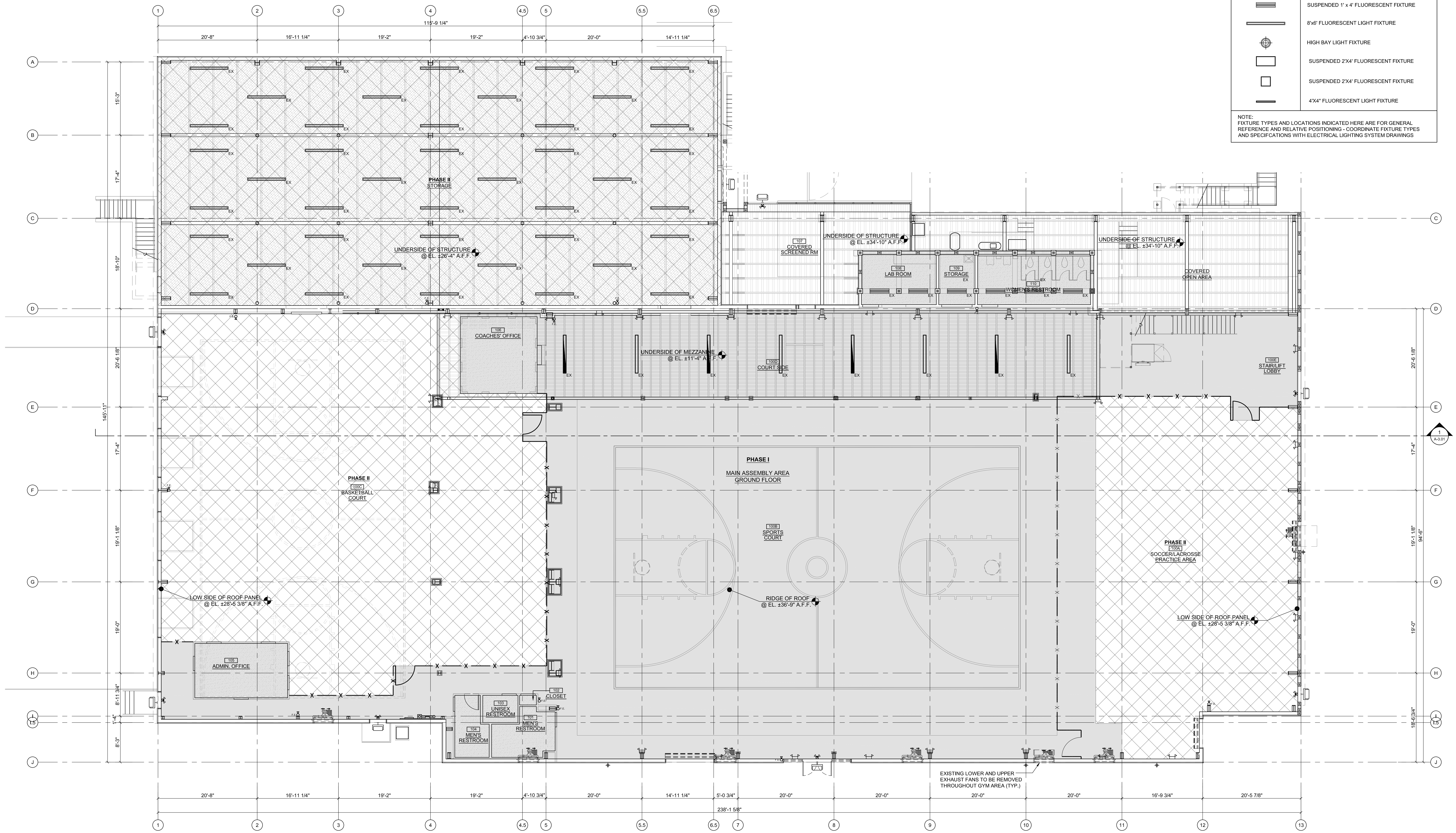
## PROJECT PHASE LEGEND

| | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

## CEILING PLAN LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING EXPOSED 22 GA GALVANIZED CORRUGATED DECKING OVER 12" DEEP STEEL BAR JOISTS |
| | PLASTIC SHEETING OVER BATT INSULATION BETWEEN ROOF FRAMING |
| | GWB FINISH CEILING |
| | SUSPENDED 1' x 4' FLUORESCENT FIXTURE |
| | 8'x6' FLUORESCENT LIGHT FIXTURE |
| | HIGH BAY LIGHT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
| | 4'X4" FLUORESCENT LIGHT FIXTURE |

NOTE:
FIXTURE TYPES AND LOCATIONS INDICATED HERE ARE FOR GENERAL REFERENCE AND RELATIVE POSITIONING - COORDINATE FIXTURE TYPES AND SPECIFCATIONS WITH ELECTRICAL LIGHTING SYSTEM DRAWINGS




EXISTING GROUND FLOOR REFLECTED CEILING PLAN

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

1 A-1.13

NORTH

CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967


P N F ARCHITECTURE + DESIGN
505 BEACHLAND BOULEVARD SUITE 1 - 324
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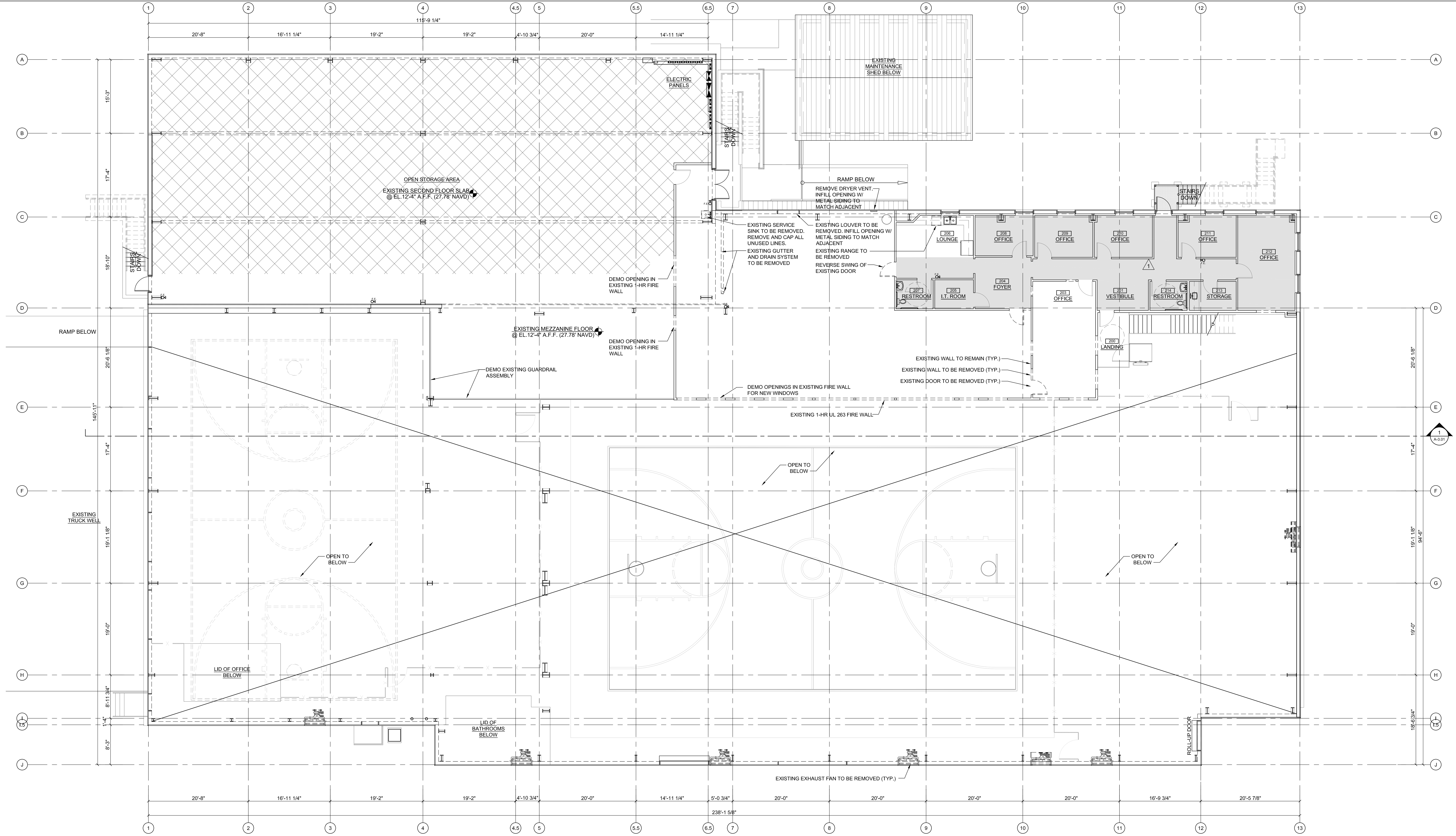
FLORIDA LICENSE #AR 95193


| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

# EXISTING GROUND FLOOR REFLECTED CEILING PLAN

EX-1.13




## EXISTING SECOND FLOOR PLAN

1 EX-1.21

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

NORTH

### PROJECT PHASE LEGEND

| | |
|---|---|
| (shaded) | PHASE I (COMPLETED) |
| (blank) | PHASE I-B (PERMIT SCOPE) NO HATCH |
| (hatched) | PHASE II OR LATER (FUTURE) |

# CROSSOVER MISSION

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PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

EXISTING SECOND FLOOR PLAN

EX-1.21

## PROJECT PHASE LEGEND

| | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

## CEILING PLAN LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING EXPOSED 22 GA GALVANIZED CORRUGATED DECKING OVER 12" DEEP STEEL BAR JOISTS |
| | PLASTIC SHEETING OVER BATT INSULATION BETWEEN ROOF FRAMING |
| | GWB FINISH CEILING |
| | SUSPENDED 1' x 4' FLUORESCENT FIXTURE |
| | 8'x6' FLUORESCENT LIGHT FIXTURE |
| | HIGH BAY LIGHT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
| | 4'X4" FLUORESCENT LIGHT FIXTURE |

NOTE:
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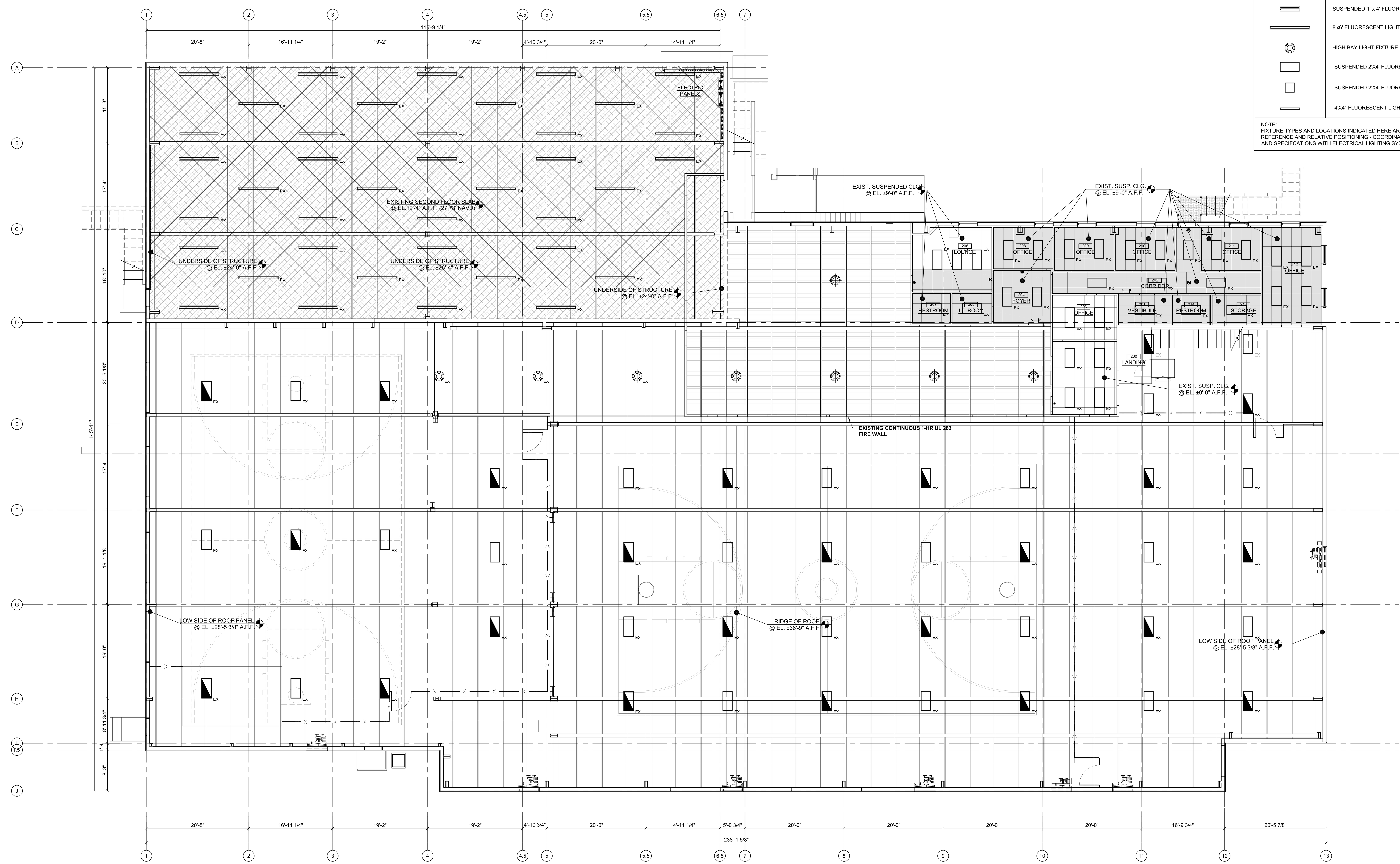


EXISTING SECOND FLOOR REFLECTED CEILING PLAN

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

1 A-1.23

NORTH

# CROSSOVER MISSION

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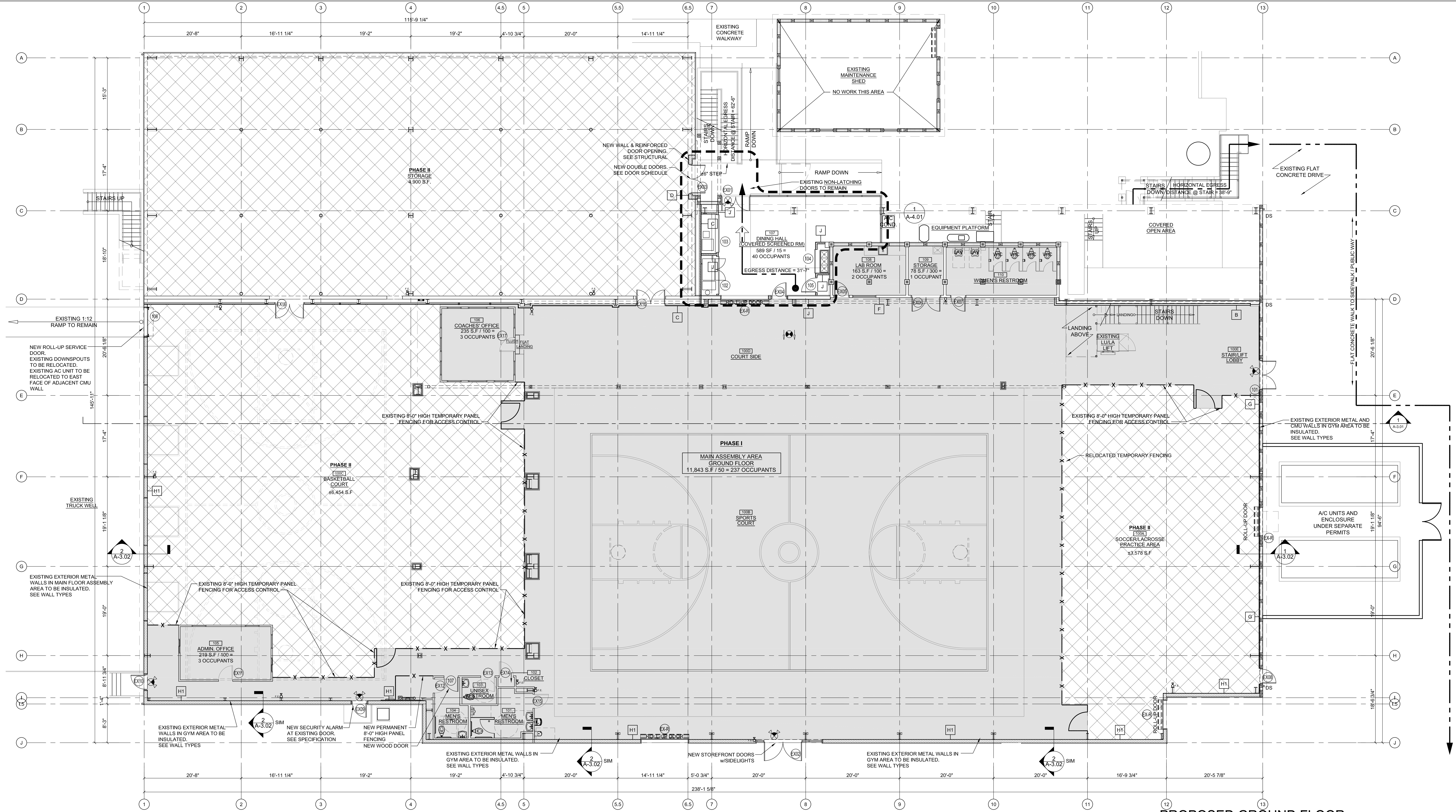
PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

EXISTING SECOND FLOOR REFLECTED CEILING PLAN

EX-1.23




# PROPOSED GROUND FLOOR PLAN & LIFE SAFETY PLAN

1 / A-1.11

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

NORTH

## PLUMBING FIXTURE CALCULATIONS

FBC 2014, SECTION 403, TABLE 403.1:
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES PLUMBING FACILITIES
ASSEMBLY (A-3) **341 OCCUPANTS**
BUSINESS (B) **51 OCCUPANTS**

| CLASSIFICATION / OCCUPANCY | | WATER CLOSETS | | LAVATORIES | | BATHTUBS/ SHOWERS | DRINKING FOUNTAIN | SERVICE SINK |
|---|---|---|---|---|---|---|---|---|
| | | MALE | FEMALE | MALE | FEMALE | | | |
| A-3 OCCUPANT LOAD: = **341 OCCUPANTS** | | | | | | | | |
| TYPE: "A-3" (ASSEMBLY) | REQUIRED: | 1 PER 125 | 1 PER 65 | 1 PER 200 | 1 PER 200 | | 1 PER 500 | |
| | | 1.36 | 2.62 | 0.85 | 0.85 | - | 0.68 | 1 |
| B OCCUPANT LOAD: = **51 OCCUPANTS** | | | | | | | | |
| TYPE: "B" (BUSINESS) | REQUIRED: | 1 PER 25 FOR THE FIRST 50, 1 PER 50 FOR REMAINDER | | 1 PER 40 FOR THE FIRST 80, 1 PER 80 FOR REMAINDER | | | 1 PER 100 | 1 |
| | | 1.02 | 1.02 | 0.64 | 0.64 | - | 0.51 | 1 |
| REQUIRED FIXTURES | | **3** | **4** | **2** | **2** | **-** | **1** | **1** |
| PROVIDED FIXTURES | | **3 + 1 URINAL** | **6** | **4** | **4** | **-** | **1** | **1** |

## 1st FLOOR OCCUPANT LOAD CALCULATIONS

| FUNCTION OF SPACE | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|
| GROUND FLOOR OCCUPANT LOAD: | | |
| EXERCISE AREA | 11,843 SF / 50G = | 237 OCCUPANTS |
| OFFICE | 219 SF / 100G = | 3 OCCUPANTS |
| OFFICE | 235 SF / 100G = | 3 OCCUPANTS |
| OFFICE | 163 SF / 100G = | 2 OCCUPANTS |
| STORAGE | 78 SF / 300G = | 1 OCCUPANT |
| COVERED SCREEN ROOM | 589 SF / 15N = | 40 OCCUPANTS |
| **1ST FLOOR OCCUPANT LOAD:** | | **286 OCCUPANTS** |

## 2nd FLOOR OCCUPANT LOAD CALCULATIONS

| FUNCTION OF SPACE | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|
| SECOND FLOOR OCCUPANT LOAD: | | |
| OFFICE | 2,133 SF / 100G = | 22 OCCUPANTS |
| TUTORING CENTER | 2,029 SF / 100G = | 21 OCCUPANTS |
| STUDENT LOUNGE | 935 SF / 15N = | 63 OCCUPANTS |
| **2nd FLOOR OCCUPANT LOAD:** | | **106 OCCUPANTS** |
| **TOTAL BUILDING OCCUPANCY (BOTH FLOORS COMBINED)** | | **392 OCCUPANTS** |

## LIFE SAFETY SYMBOLS

| Symbol | Description |
|---|---|
| F.E. | WALL MOUNTED FIRE EXTINGUISHER |
| | DIRECTION OF EGRESS |
| | PATH OF TRAVEL |
| | COMBINATION EXIT, EMERGENCY LIGHT FIXTURE |
| | EMERGENCY LIGHT FIXTURE, WALL PACK WITH TWIN HEADS |

## PROJECT PHASE LEGEND

| | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

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| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

PROPOSED GROUND FLOOR PLAN AND LIFE SAFETY PLAN

A-1.11

## PROJECT PHASE LEGEND

| | |
|---|---|
| (grey fill) | PHASE I (COMPLETED) |
| (no hatch) | PHASE I-B (PERMIT SCOPE) NO HATCH |
| (crosshatch) | PHASE II OR LATER (FUTURE) |

## CEILING PLAN LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING EXPOSED 22 GA GALVANIZED CORRUGATED DECKING OVER 12" DEEP STEEL BAR JOISTS |
| | PLASTIC SHEETING OVER BATT INSULATION BETWEEN ROOF FRAMING |
| | GWB FINISH CEILING |
| | SUSPENDED 1' x 4' FLUORESCENT FIXTURE |
| | 8'x6' FLUORESCENT LIGHT FIXTURE |
| | HIGH BAY LIGHT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
| | SUSPENDED 2'X4' FLUORESCENT FIXTURE |
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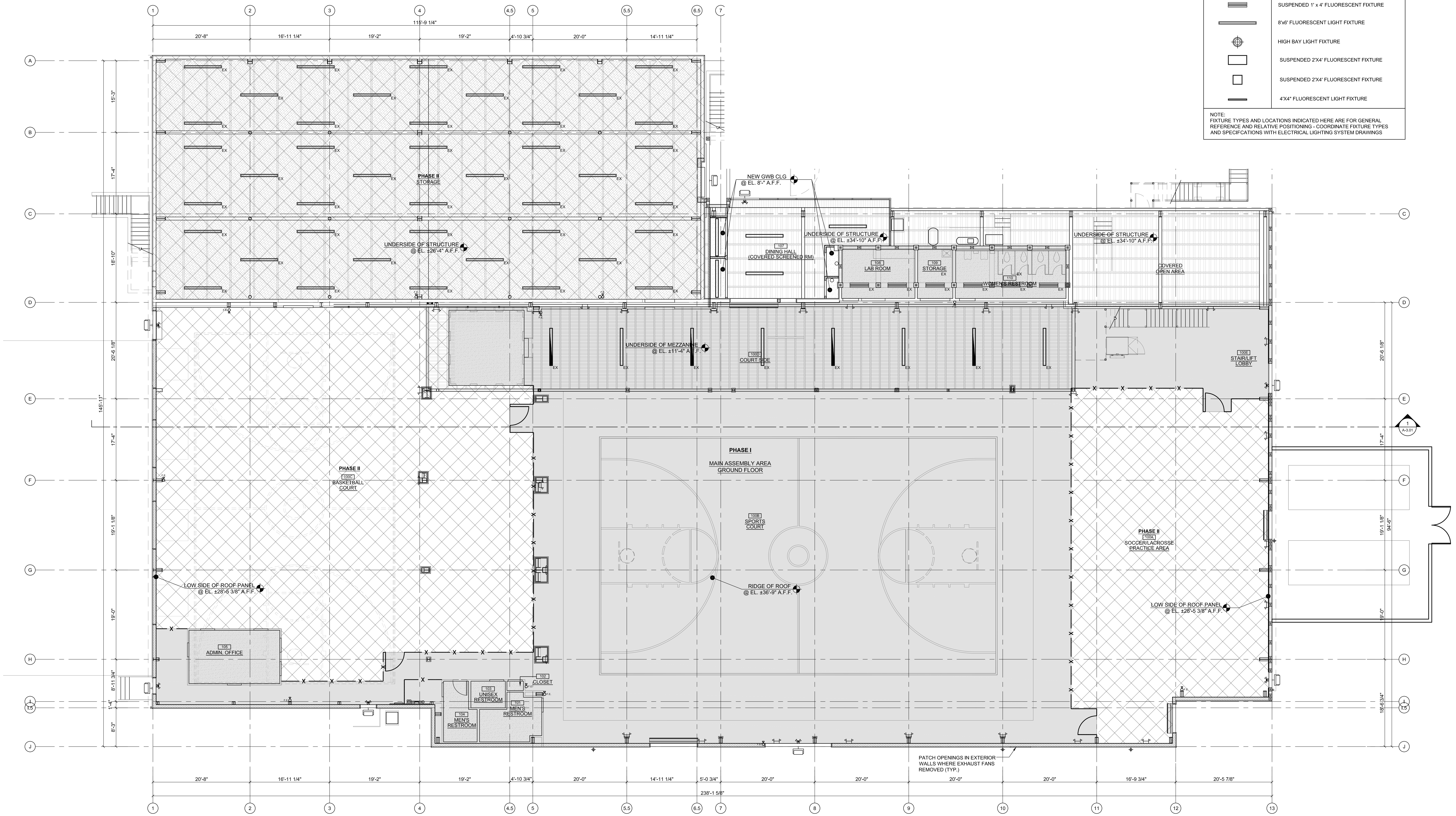


GROUND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"
1
A-1.13
NORTH

CROSSOVER MISSION
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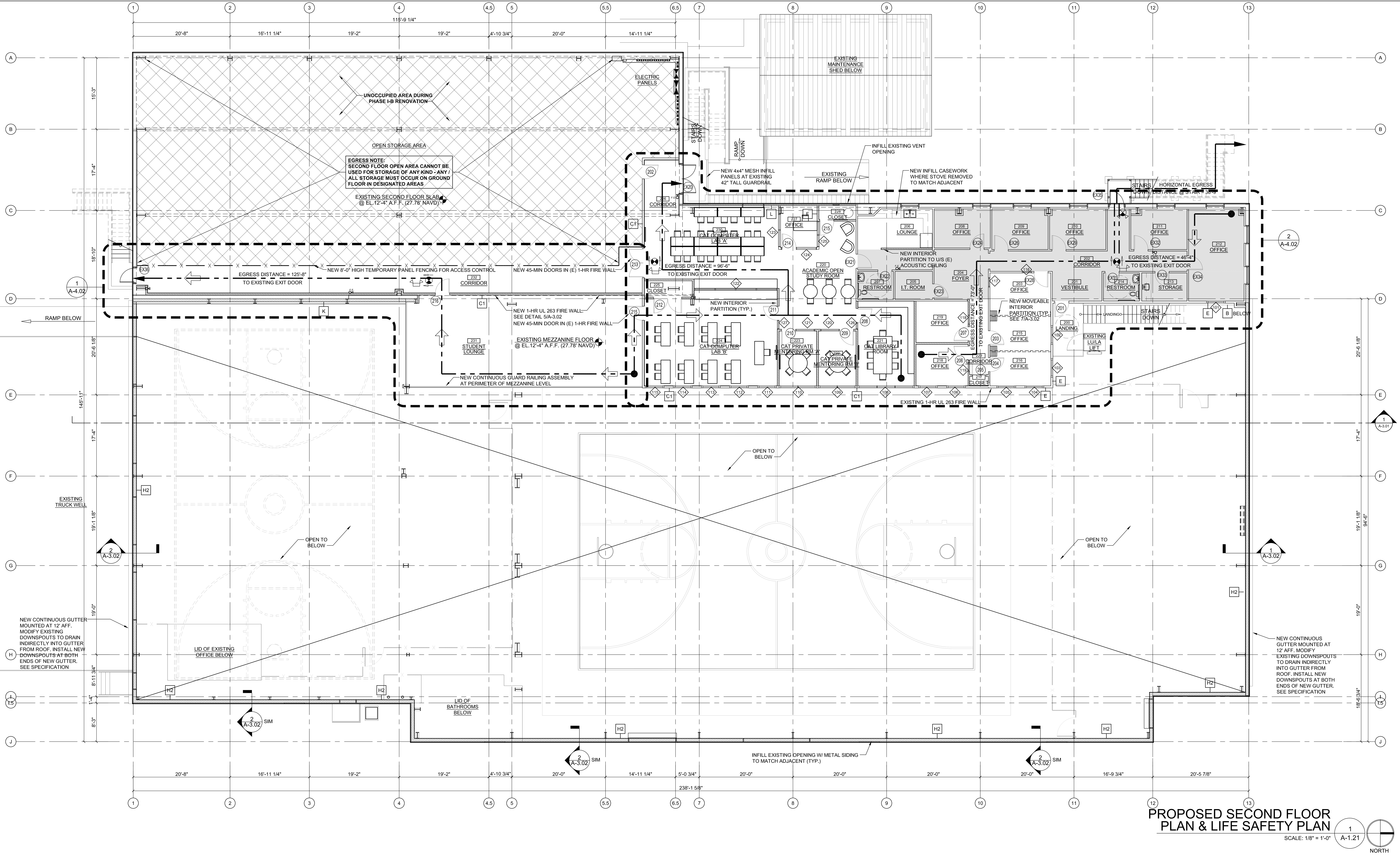
| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

GROUND FLOOR
REFLECTED CEILING PLAN

A-1.13




## PROPOSED SECOND FLOOR PLAN & LIFE SAFETY PLAN

1 / A-1.21

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

## 1st FLOOR OCCUPANT LOAD CALCULATIONS

| FUNCTION OF SPACE | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|
| GROUND FLOOR OCCUPANT LOAD: | | |
| EXERCISE AREA | 11,843 SF / 50G = | 237 OCCUPANTS |
| OFFICE | 219 SF / 100G = | 3 OCCUPANTS |
| OFFICE | 235 SF / 100G = | 3 OCCUPANTS |
| OFFICE | 163 SF / 100G = | 2 OCCUPANTS |
| STORAGE | 78 SF / 300G = | 1 OCCUPANT |
| COVERED SCREENED ROOM | 589 SF / 15N = | 40 OCCUPANTS |
| **1ST FLOOR OCCUPANT LOAD:** | | **286 OCCUPANTS** |

## 2nd FLOOR OCCUPANT LOAD CALCULATIONS

| FUNCTION OF SPACE | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|
| SECOND FLOOR OCCUPANT LOAD: | | |
| OFFICE | 2,133 SF / 100G = | 22 OCCUPANTS |
| TUTORING CENTER | 2,029 SF / 100G = | 21 OCCUPANTS |
| ASSEMBLY | 935 SF / 15N = | 63 OCCUPANTS |
| **2nd FLOOR OCCUPANT LOAD:** | | **106 OCCUPANTS** |
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## LIFE SAFETY SYMBOLS

| | |
|---|---|
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| | DIRECTION OF EGRESS |
| | PATH OF TRAVEL |
| | COMBINATION EXIT, EMERGENCY LIGHT FIXTURE |
| | EMERGENCY LIGHT FIXTURE, WALL PACK WITH TWIN HEADS |

## PROJECT PHASE LEGEND

| | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

# CROSSOVER MISSION

4425 US-1
VERO BEACH, FLORIDA 32967

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| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

# PROPOSED SECOND FLOOR PLAN AND LIFE SAFETY PLAN

A-1.21

## PROJECT PHASE LEGEND

| | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |

## CEILING PLAN LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING EXPOSED 22 GA GALVANIZED CORRUGATED DECKING OVER 12" DEEP STEEL BAR JOISTS |
| | PLASTIC SHEETING OVER BATT INSULATION BETWEEN ROOF FRAMING |
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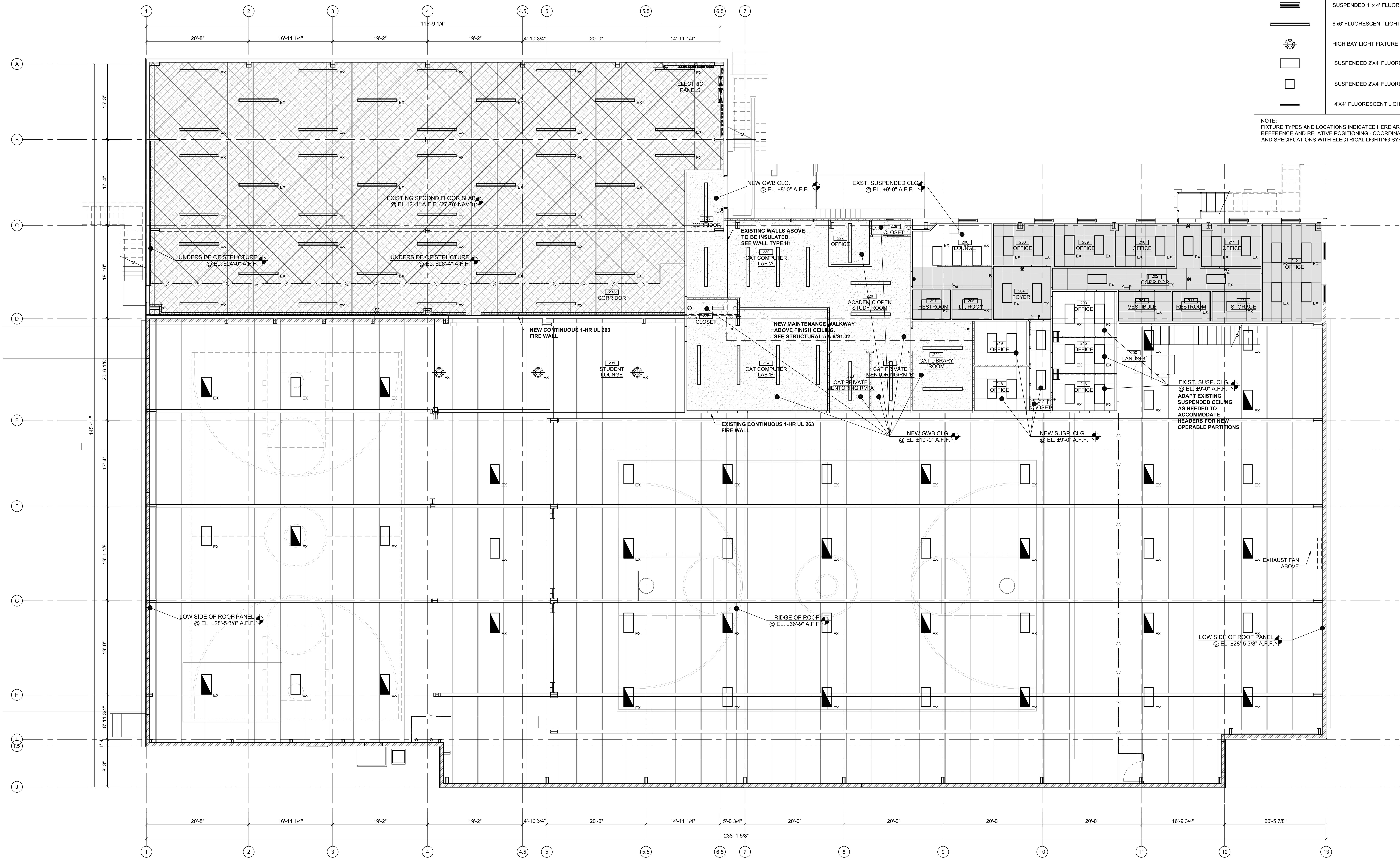


SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"
1 / A-1.23
NORTH

**CROSSOVER MISSION**
4425 US-1
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PROJECT: 2102
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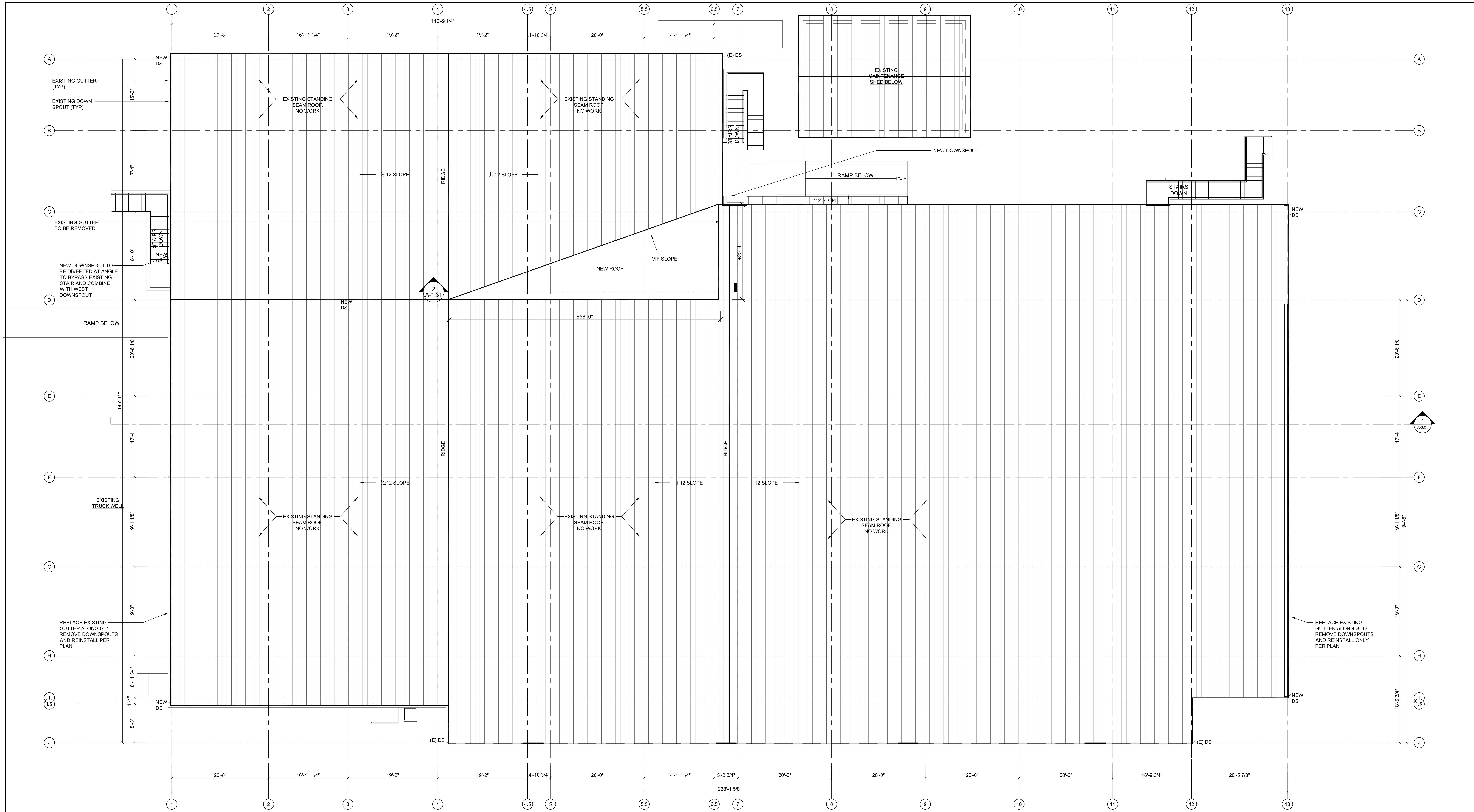
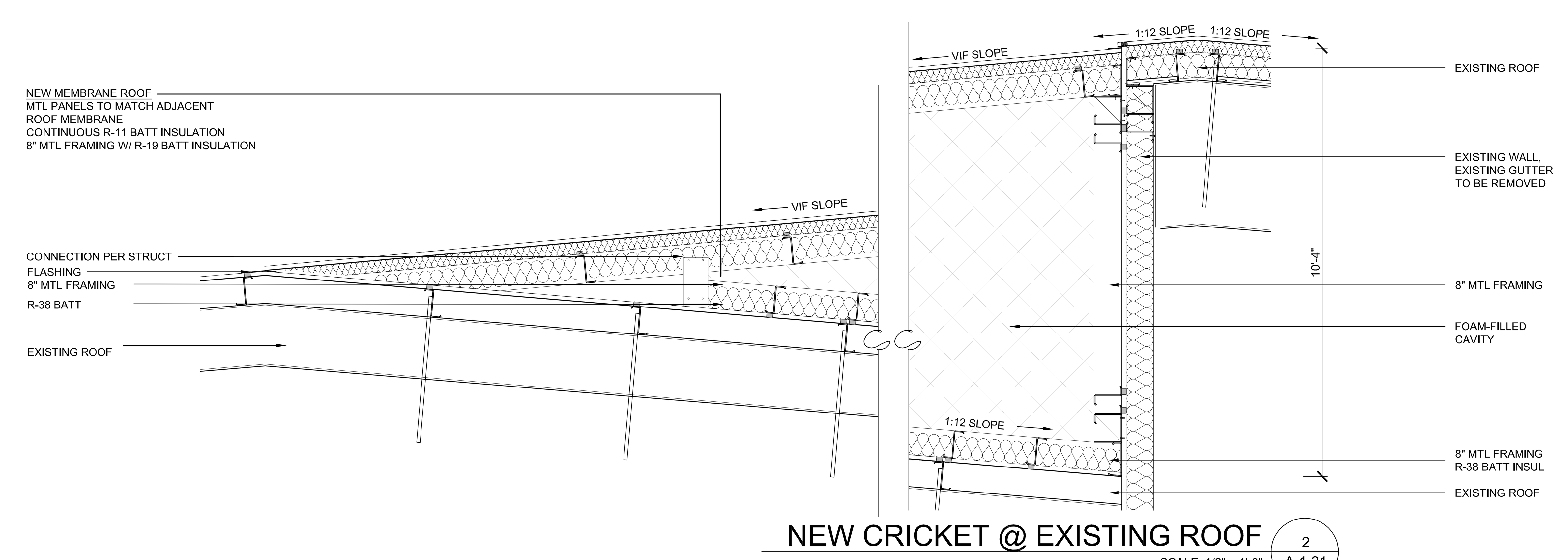
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

# SECOND FLOOR REFLECTED CEILING PLAN

A-1.23




ROOF PLAN 1 A-1.31
SCALE: 1/8" = 1'-0"




NEW CRICKET @ EXISTING ROOF 2 A-1.31
SCALE: 1/2" = 1'-0"

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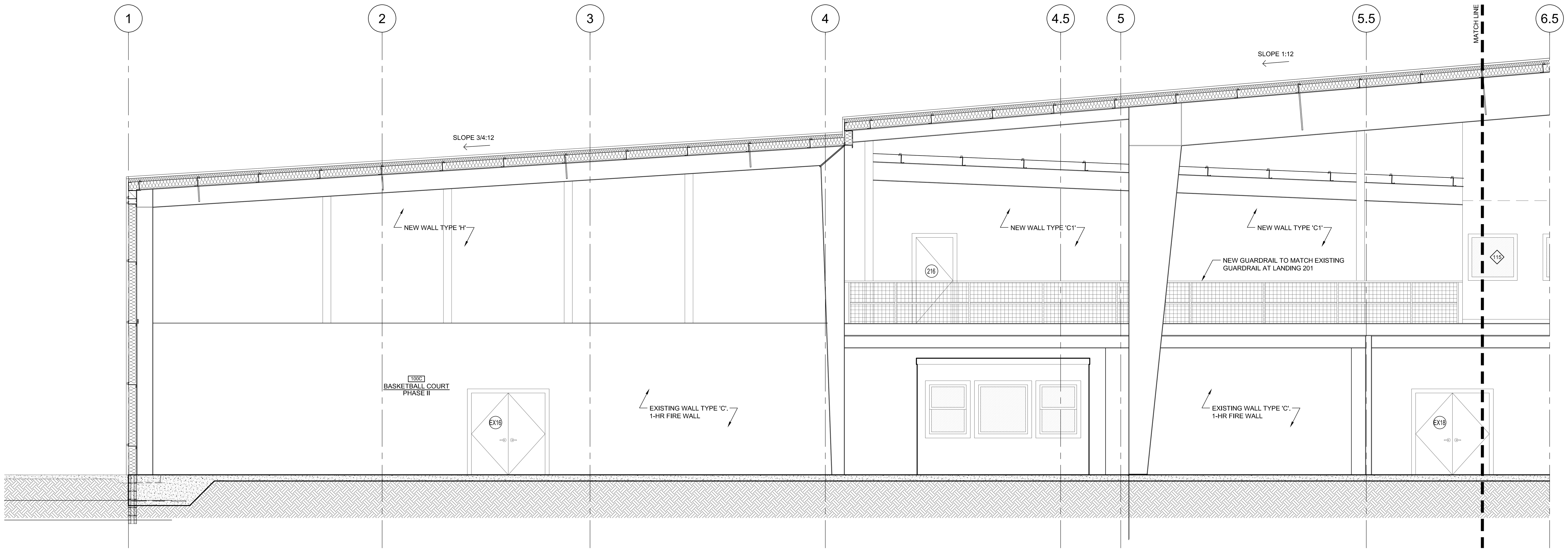
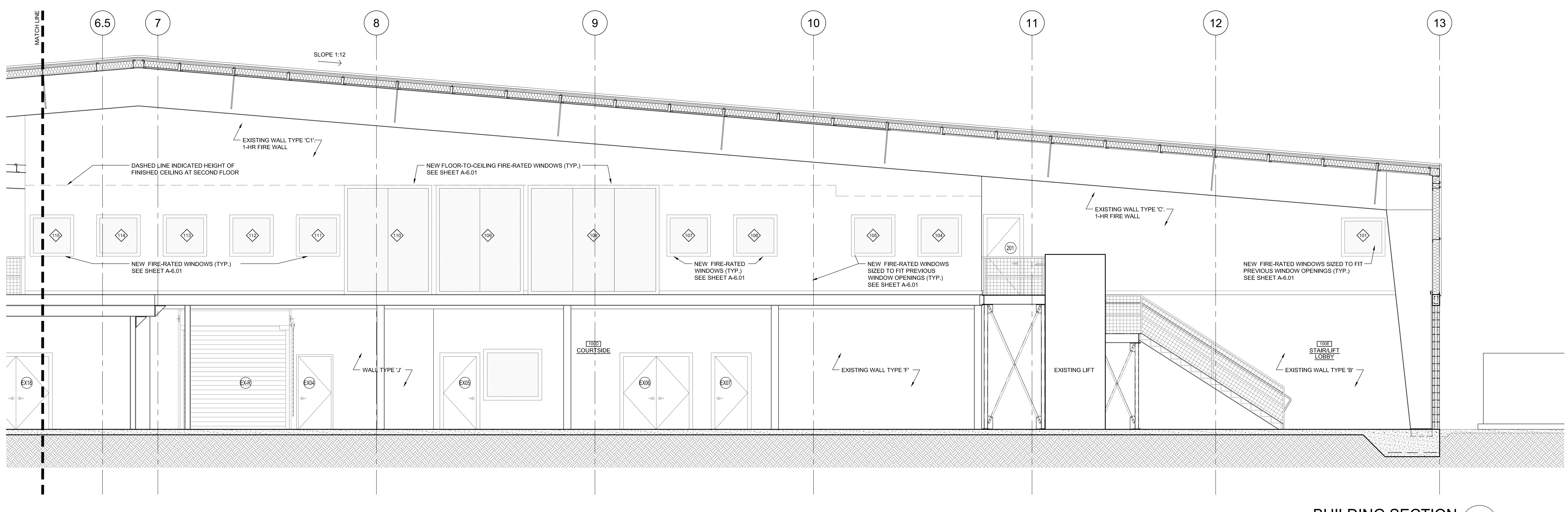
PROPOSED ROOF PLAN

A-1.31




BUILDING SECTION 1 A-3.01
SCALE: 1/2" = 1'-0"

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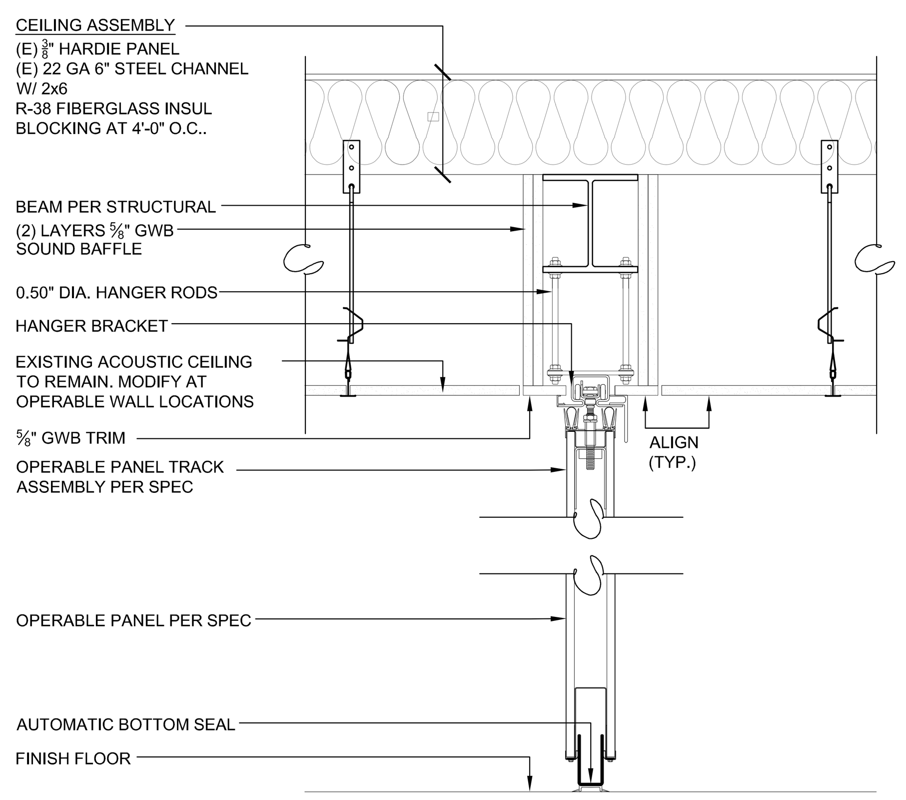
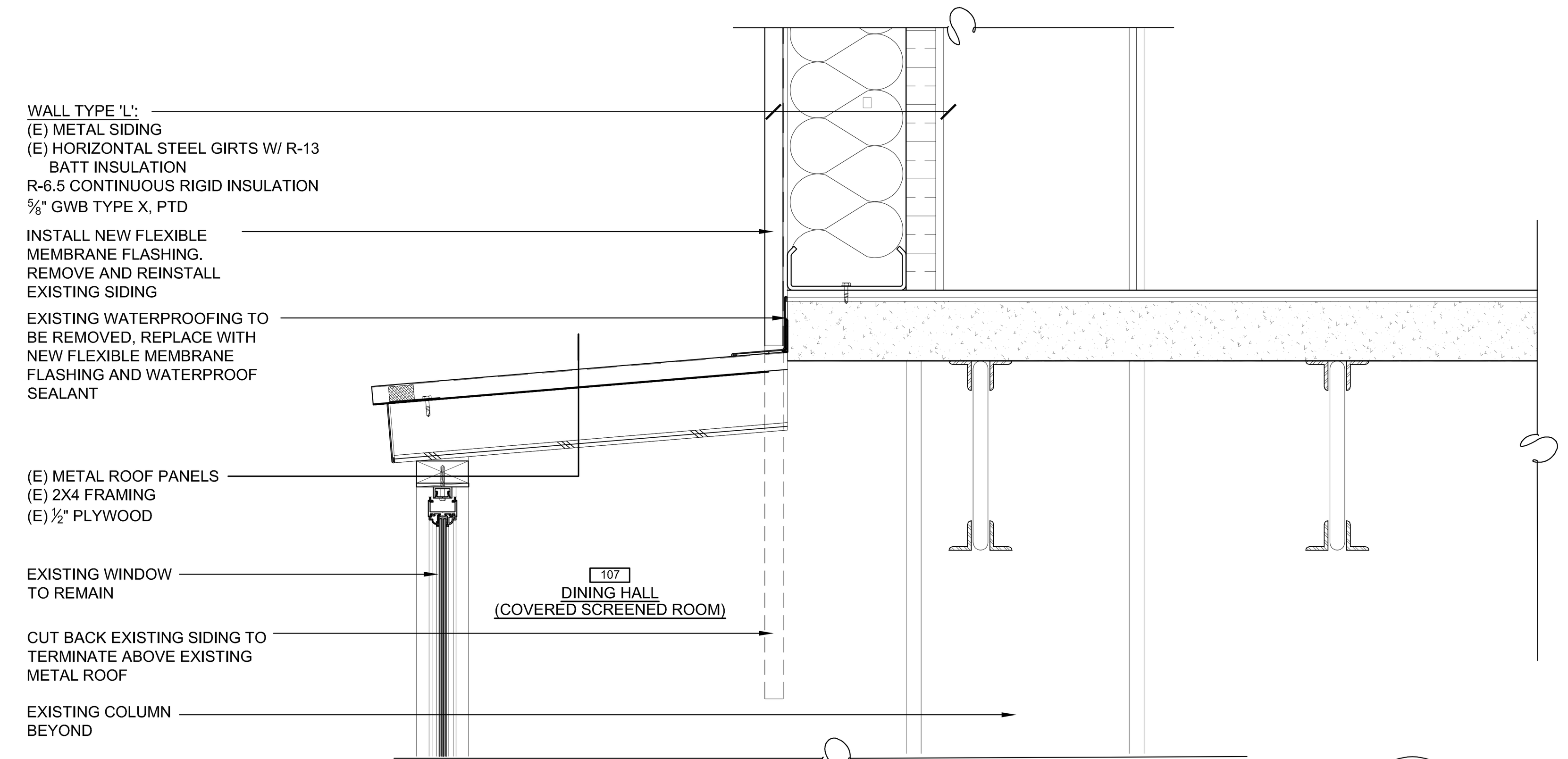
PHASE: PHASE 1B PERMIT

# BUILDING SECTION

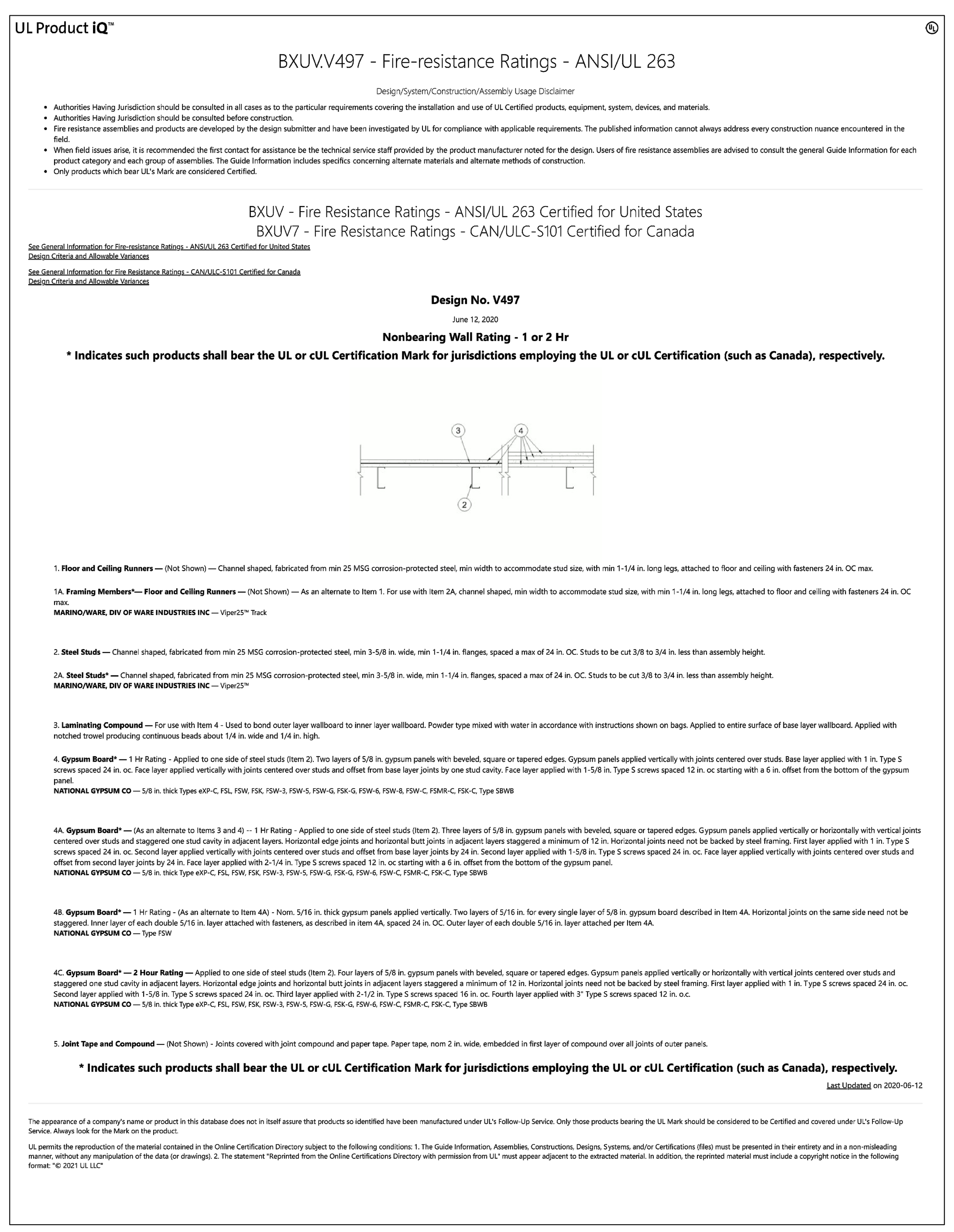
A-3.01




OPERABLE PARTITION DTLS 7 A-3.02
SCALE: 1 1/2" = 1'-0"




SECTION @ RM 107 ROOF 6 A-3.02
SCALE: 1 1/2" = 1'-0"


UL Product iQ™

BXUV.V497 - 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 Certified 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 Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

**Design No. V497**

June 12, 2020

**Nonbearing Wall Rating - 1 or 2 Hr**

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

3 4 2

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.

1A. **Framing Members*— Floor and Ceiling Runners —** (Not Shown) — As an alternate to Item 1. For use with Item 2A, channel shaped, 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.
**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper25™ Track

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.

2A. **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.
**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper25™

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* —** 1 Hr Rating - 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 one stud cavity. 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 Types eXP-C, FSL, FSW, FSK, FSW-3, FSW-5, FSW-G, FSK-G, FSW-6, FSW-8, FSW-C, FSMR-C, FSK-C, Type SBWB

4A. **Gypsum Board* —** (As an alternate to Items 3 and 4) -- 1 Hr Rating - 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 or horizontally with vertical joints centered over studs and staggered one stud cavity in adjacent layers. Horizontal edge joints and horizontal butt joints in adjacent layers staggered a minimum of 12 in. Horizontal joints need not be backed by steel framing. 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 eXP-C, FSL, FSW, FSK, FSW-3, FSW-5, FSW-G, FSK-G, FSW-6, FSW-C, FSMR-C, FSK-C, Type SBWB

4B. **Gypsum Board* —** 1 Hr Rating - (As an alternate to Item 4A) - Nom. 5/16 in. thick gypsum panels applied vertically. Two layers of 5/16 in. for every single layer of 5/8 in. gypsum board described in Item 4A. Horizontal joints on the same side need not be staggered. Inner layer of each double 5/16 in. layer attached with fasteners, as described in item 4A, spaced 24 in. OC. Outer layer of each double 5/16 in. layer attached per Item 4A.
**NATIONAL GYPSUM CO** — Type FSW

4C. **Gypsum Board* — 2 Hour Rating —** Applied to one side of steel studs (Item 2). Four layers of 5/8 in. gypsum panels with beveled, square or tapered edges. Gypsum panels applied vertically or horizontally with vertical joints centered over studs and staggered one stud cavity in adjacent layers. Horizontal edge joints and horizontal butt joints in adjacent layers staggered a minimum of 12 in. Horizontal joints need not be backed by steel framing. First layer applied with 1 in. Type S screws spaced 24 in. oc. Second layer applied with 1-5/8 in. Type S screws spaced 24 in. oc. Third layer applied with 2-1/2 in. Type S screws spaced 16 in. oc. Fourth layer applied with 3" Type S screws spaced 12 in. o.c.
**NATIONAL GYPSUM CO** — 5/8 in. thick Type eXP-C, FSL, FSW, FSK, FSW-3, FSW-5, FSW-G, FSK-G, FSW-6, FSW-C, FSMR-C, FSK-C, Type SBWB

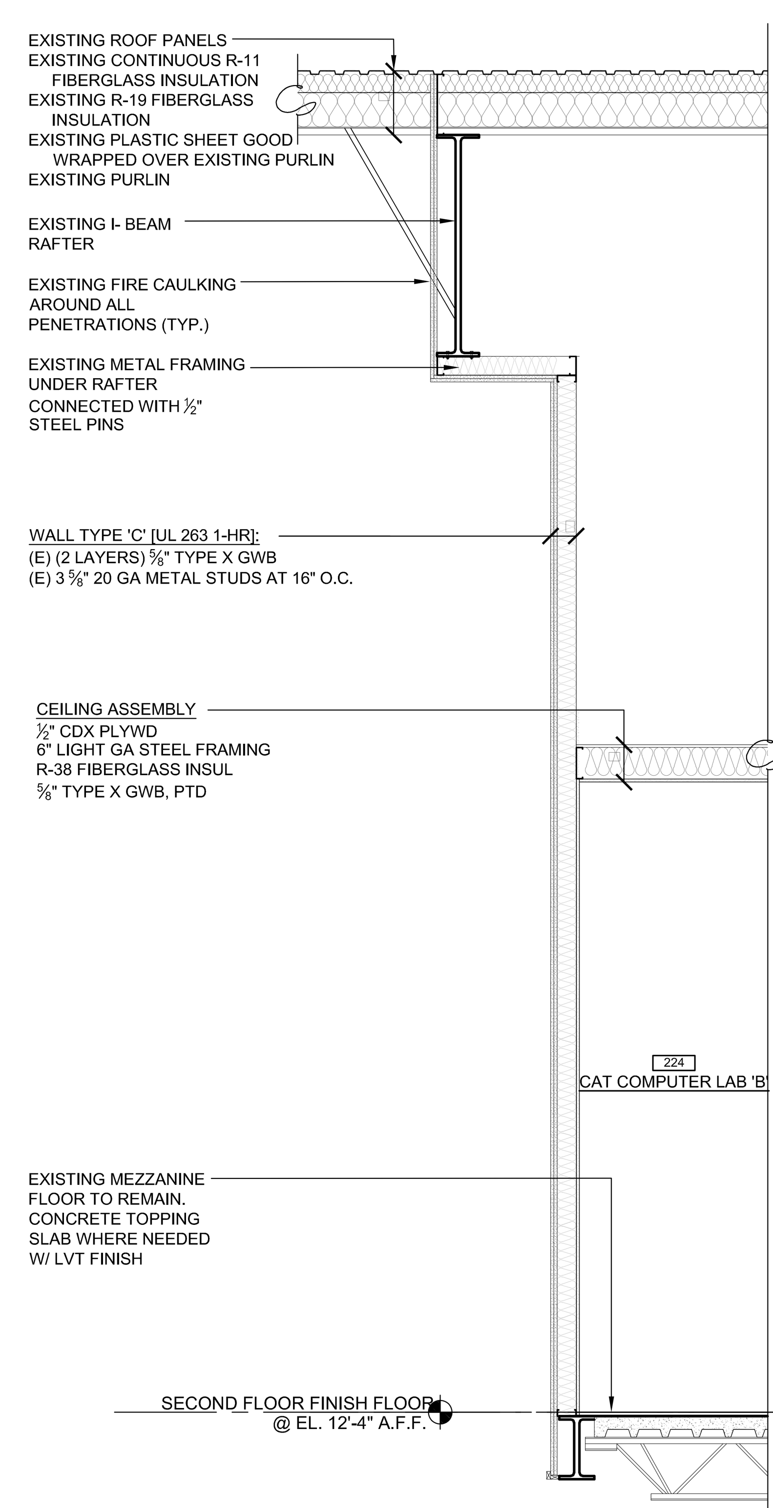
5. **Joint Tape and Compound —** (Not Shown) - Joints covered with joint compound and paper tape. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer panels.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

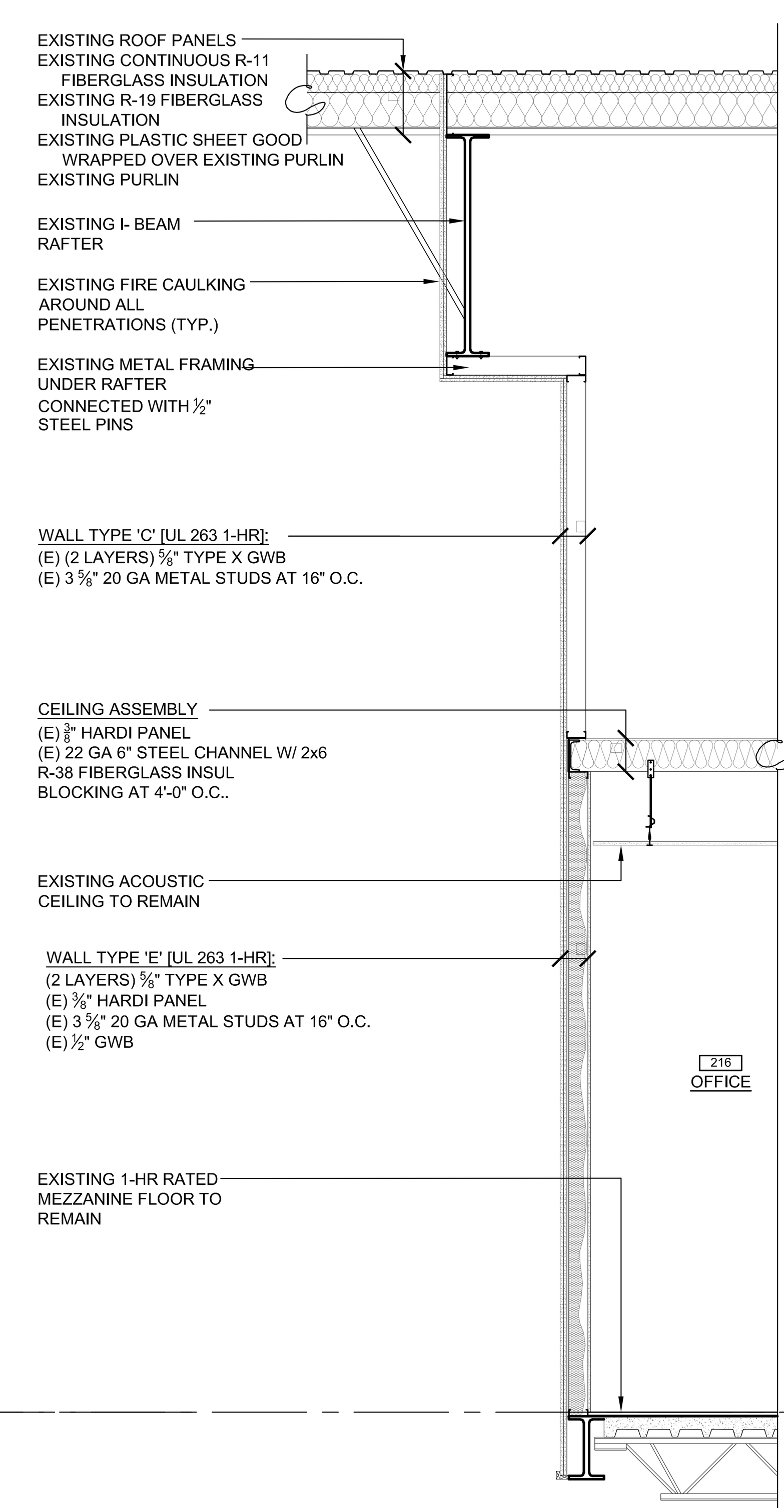
Last Updated on 2020-06-12



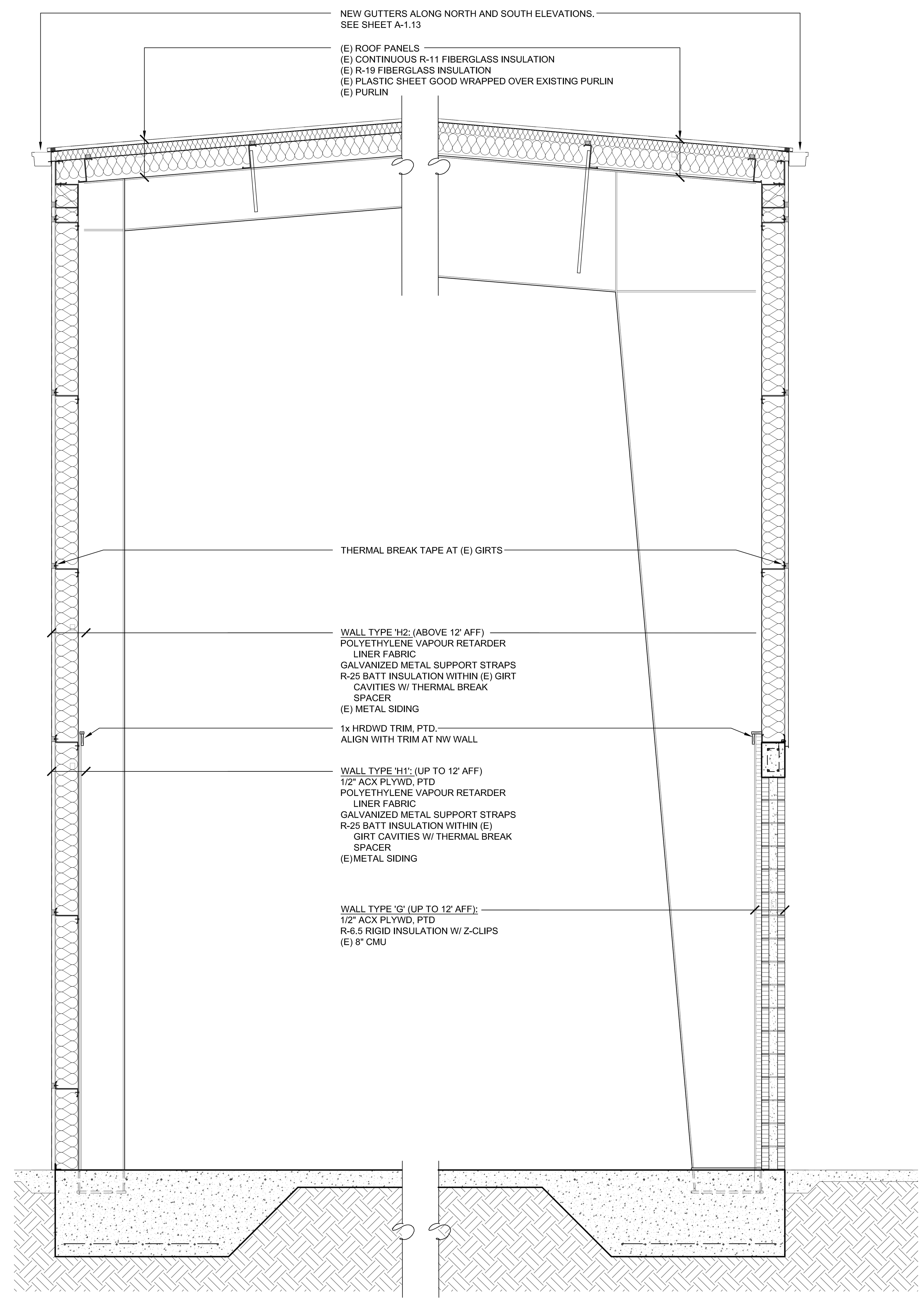
UL 263 DETAIL 5 A-3.02
SCALE: NTS




WALL SECTION 4 A-3.02
SCALE: 1/2" = 1'-0"




WALL SECTION 3 A-3.02
SCALE: 1/2" = 1'-0"




EXT. WALL SECTION 2 A-3.02
SCALE: 1/2" = 1'-0"

EXT. WALL SECTION 1 A-3.02
SCALE: 1/2" = 1'-0"

CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967


P N F ARCHITECTURE + DESIGN
505 BEACHLAND BOULEVARD, SUITE 1 - 324
VERO BEACH, FLORIDA 32963
7 8 6 . 3 5 1 . 9 4 4 7 T E L
PFERNANDEZ@PNFARCHITECTURE.COM
FLORIDA LICENSE #AR 95193

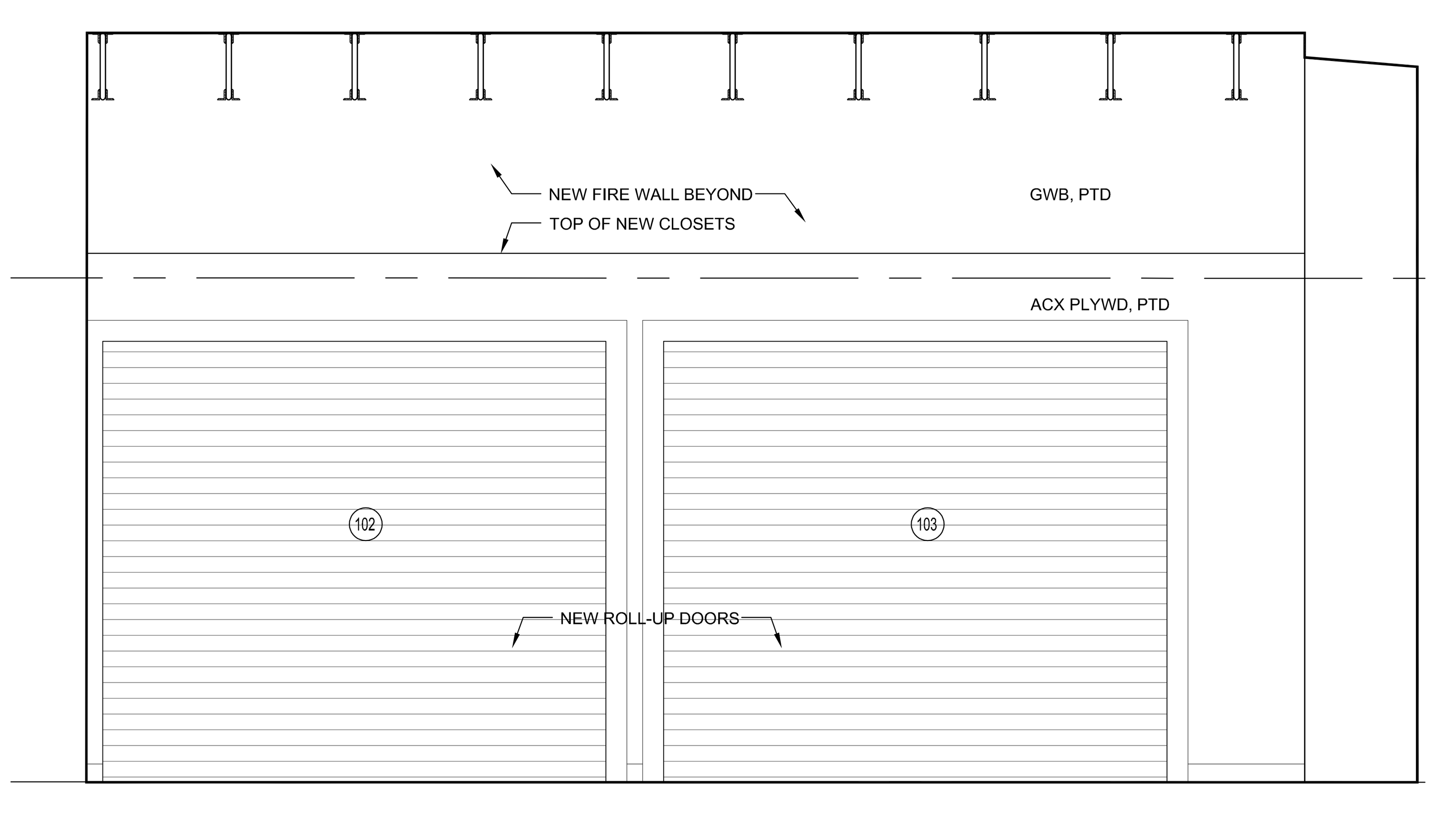

| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

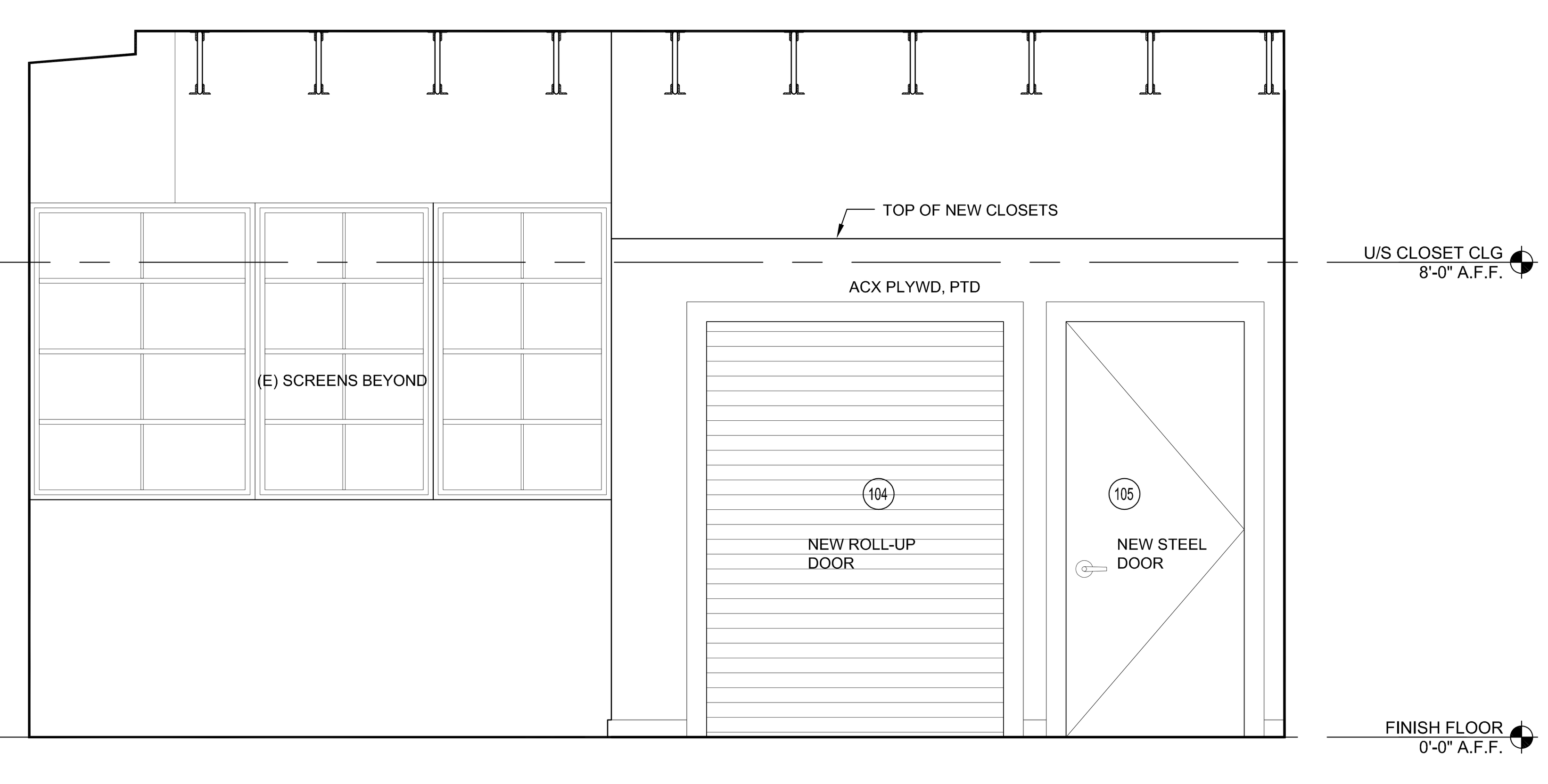
WALL SECTIONS / DETAILS

A-3.02

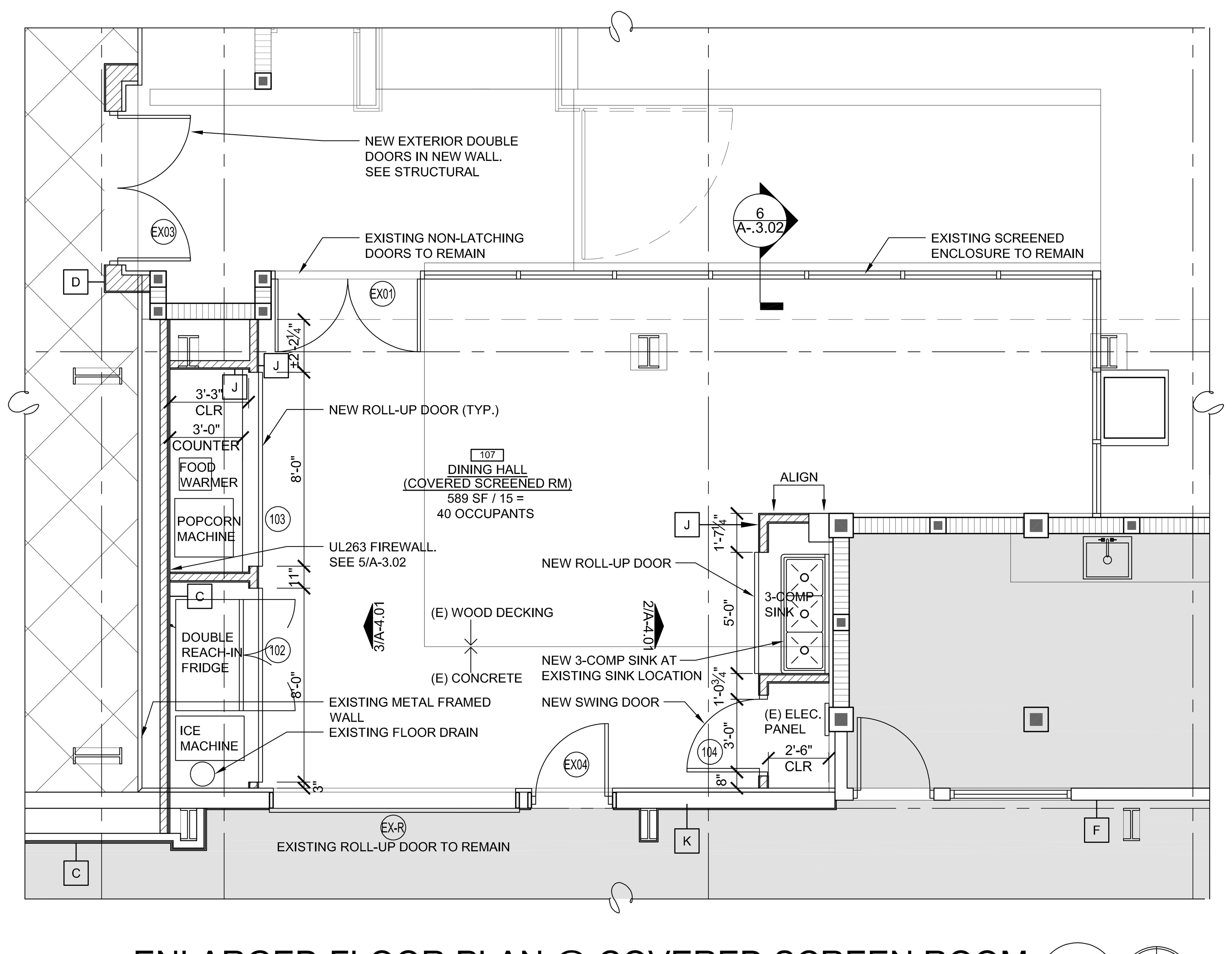
| PROJECT PHASE LEGEND | |
|---|---|
| | PHASE I (COMPLETED) |
| | PHASE I-B (PERMIT SCOPE) NO HATCH |
| | PHASE II OR LATER (FUTURE) |




RM 107 INTERIOR ELEV - SOUTH 3 A-4.01
SCALE: 1/2" = 1'-0"




RM 107 INTERIOR ELEV - NORTH 2 A-4.01
SCALE: 1/2" = 1'-0"




ENLARGED FLOOR PLAN @ COVERED SCREEN ROOM 1 A-4.01
SCALE: 1/4" = 1'-0"
NORTH

CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967

P N F ARCHITECTURE + DESIGN
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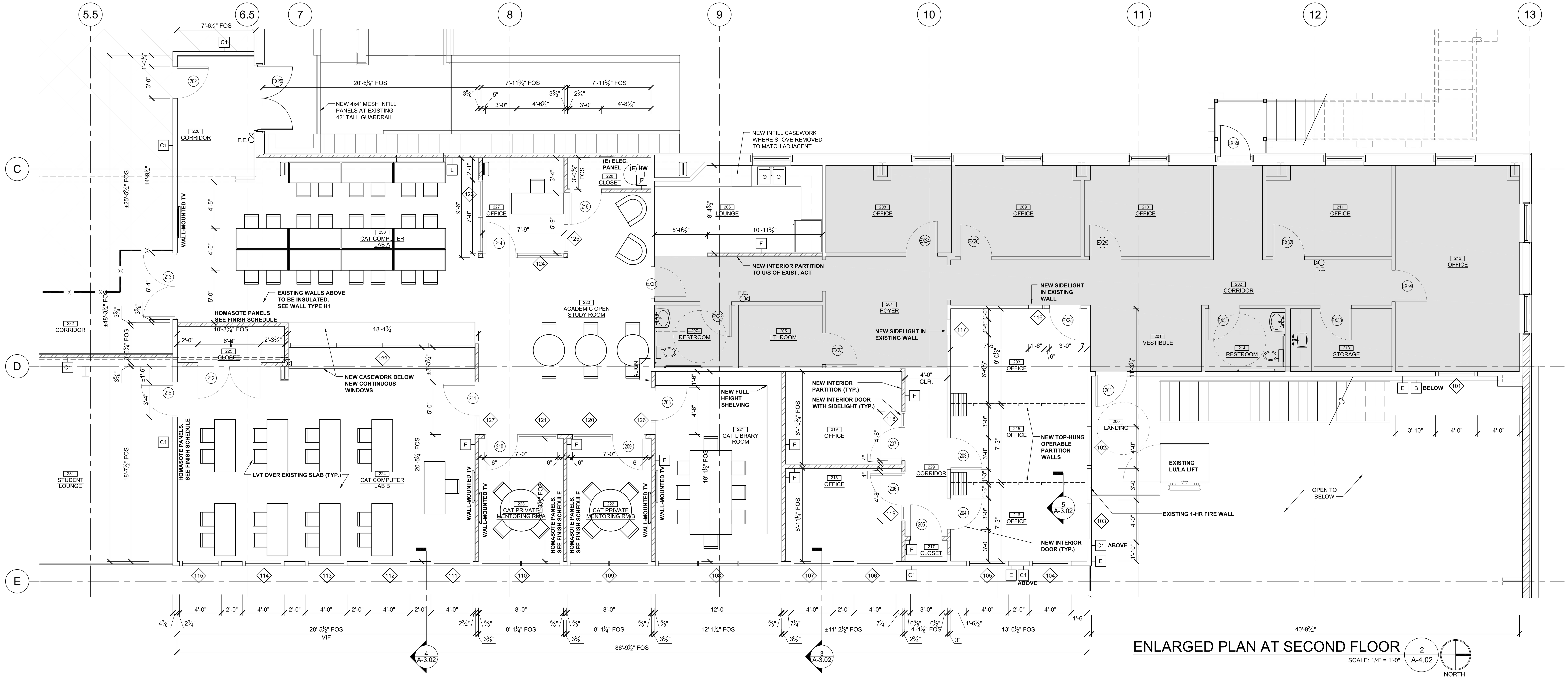
| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

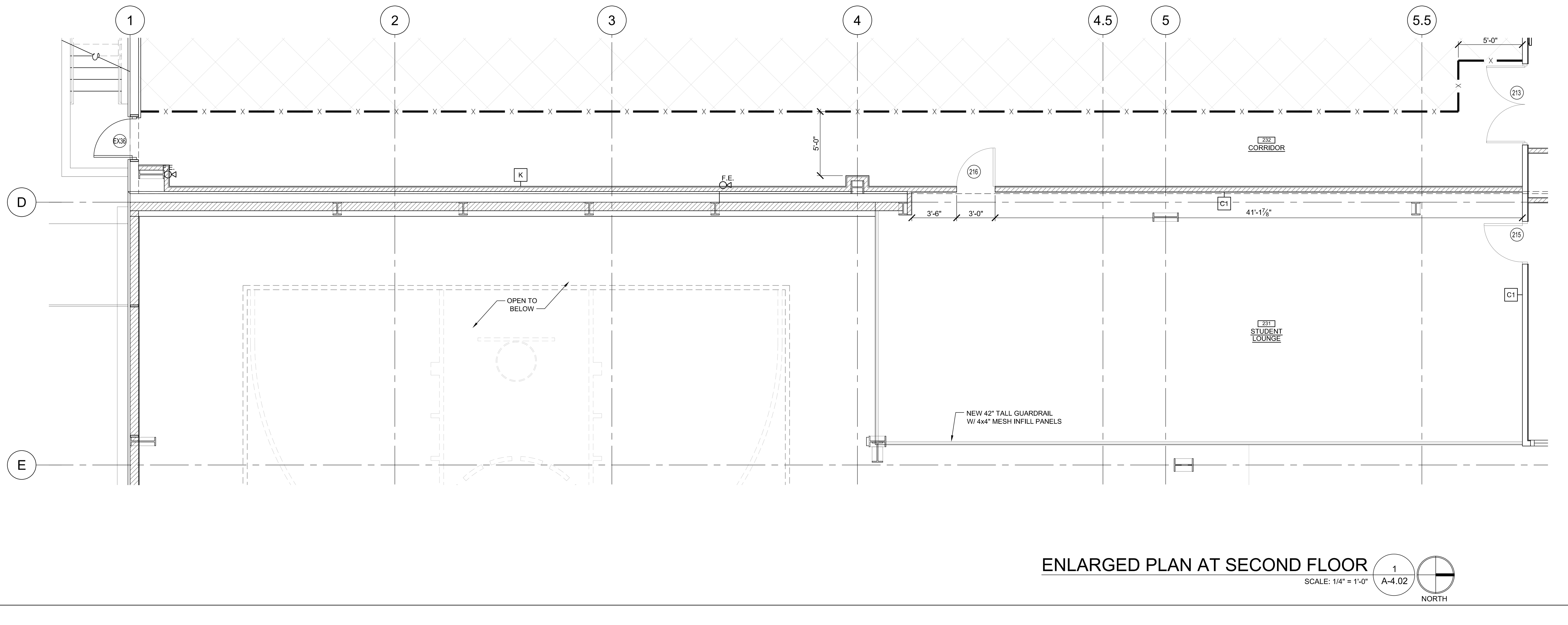
PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

FIRST FLOOR PLAN DETAIL / INTERIOR ELEVATIONS

A-4.01




ENLARGED PLAN AT SECOND FLOOR
2
A-4.02
SCALE: 1/4" = 1'-0"
NORTH




## PROJECT PHASE LEGEND

| | |
|---|---|
| (shaded) | PHASE I (COMPLETED) |
| (no hatch) | PHASE I-B (PERMIT SCOPE) NO HATCH |
| (crosshatch) | PHASE II OR LATER (FUTURE) |

ENLARGED PLAN AT SECOND FLOOR
1
A-4.02
SCALE: 1/4" = 1'-0"
NORTH

CROSSOVER MISSION
4425 US-1
VERO BEACH, FLORIDA 32967


P N F ARCHITECTURE + DESIGN
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FLORIDA LICENSE #AR 95193


| DATE | REVISION |
|---|---|
| 8/18/2022 | PHASE 1B PERMIT |

PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

SECOND FLOOR PLAN DETAIL

A-4.02

# DOOR SCHEDULE

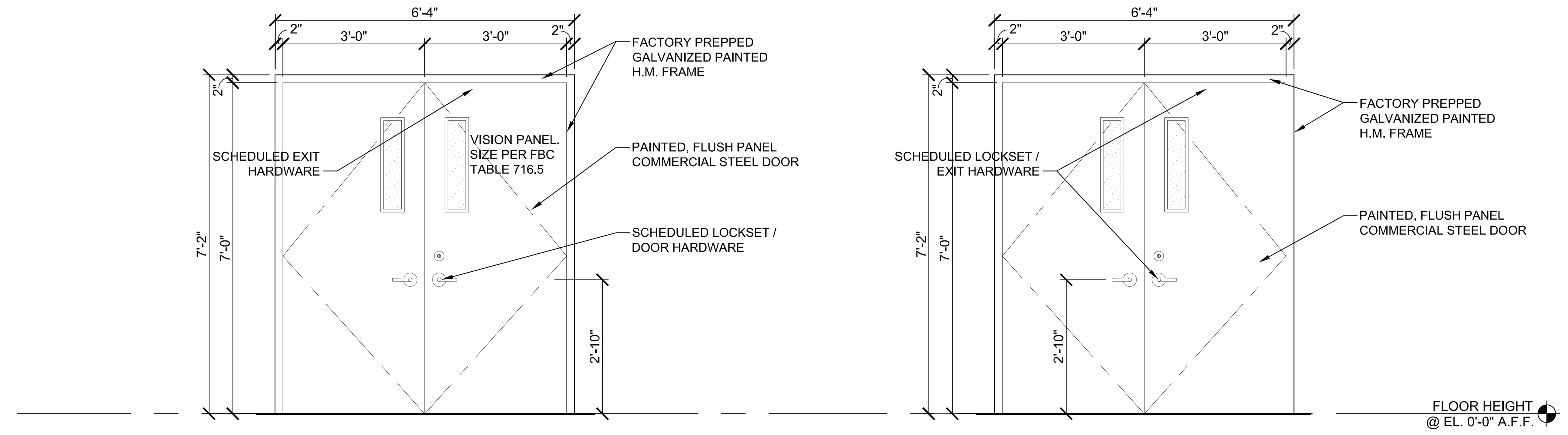
| | DOORS | | | | | | FRAMES | PROFILE / DETAILS | | | | | EXTERIOR DOOR INFORMATION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DOOR OPENING NO. | SIZE: WIDTH | SIZE: HEIGHT | THK. | MATERIAL | TYPE | MAT. | HEAD DTL | JAMB DTL | FIRE RATING | HDWR. GROUP SET | GLAZING | NOA No. or FPA No. | DESIGN PRESSURE | EGRESS (Y/N) | HURRICANE IMPACT (Y/N) | REMARKS |
| GROUND FLOOR | 101 | 6'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | Y | Y | EXISTING IMPACT RATED STEEL ENTRY DOOR TO REMAIN |
| | 102 | 8'-0" | 7'-0" | 20 GA | STEEL | 6 | HM | - | - | - | 8 | N/A | N/A | N/A | N | N | INTERIOR ROLL-UP DOOR |
| | 103 | 8'-0" | 7'-0" | 20 GA | STEEL | 6 | HM | - | - | - | 8 | N/A | N/A | N/A | N | N | INTERIOR ROLL-UP DOOR |
| | 104 | 5'-0" | 7'-0" | 20 GA | STEEL | 6 | HM | - | - | - | 8 | N/A | N/A | N/A | N | N | INTERIOR ROLL-UP DOOR |
| | 105 | 3'-0" | 7'-0" | 1¾" | STEEL | 3 | HM | - | - | - | 6 | N/A | N/A | N/A | N | N | INTERIOR STEEL DOOR |
| | 106 | 6'-0" | 7'-0" | 20 GA | STEEL | 7 | HM | - | - | - | 7 | N/A | FL742-R9 | +50 PSF/-50 PSF | N | N | IMPACT RATED EXTERIOR STEEL ROLL UP DOOR |
| | 107 | 3'-0" | 7'-0" | 1¾" | WOOD | 4 | WOOD | - | - | - | 11 | N/A | N/A | N/A | N | N | NEW WOOD RESTROOM DOOR W/ CLOSER |
| | EX01 | 6'-0" | 7'-0" | 1¾" | STEEL / GLASS | - | HM | - | - | - | | EXIST. CLEAR | N/A | N/A | Y | Y | EXIST. ALUM STOREFRONT ENTRY DOORS w/ PANIC HDWR. CLOSER TO REMAIN |
| | EX02 | 8'-0" | 7'-0" | 1¾" | ALUMINUM / GLASS | 8 | HM | - | - | - | 1 | CLEAR/SAFETY | FL25574-R3 | N/A | Y | Y | IMPACT-RATED ALUM STOREFRONT DOORS W/ PANIC HARDWARE & CLOSER |
| | EX03 | 6'-0" | 7'-0" | 1¾" | STEEL / GLASS | 1 | HM | - | - | - | 1 | CLEAR | FL4031-R10 | +70 PSF / -70 PSF | Y | Y | IMPACT-RATED STEEL ENTRY DOORS W/ PANIC HARDWARE & CLOSER |
| | EX04 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING STEEL ENTRY DOOR TO REMAIN |
| | EX05 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | EXIST. CLEAR | N/A | N/A | N | N | EXISTING ½ LITE WOOD DOOR TO REMAIN |
| | EX06 | 6'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD DOOR TO REMAIN |
| | EX07 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN |
| | EX08 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | Y | EXISTING IMPACT RATED STEEL ENTRY DOOR TO REMAIN |
| | EX09 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | 9 | N/A | N/A | N/A | N | N | EXISTING STEEL ENTRY DOOR TO REMAIN W/ NEW SECURITY ALARM |
| | EX10 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING STEEL ENTRY DOOR TO REMAIN |
| | EX11 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | EXIST. CLEAR | N/A | N/A | N | N | EXISTING ½ LITE WOOD DOOR TO REMAIN |
| | EX12 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | 10 | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN W/ NEW DEADBOLT |
| | EX13 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN |
| | EX14 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD CLOSET DOOR TO REMAIN |
| | EX15 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN |
| | EX16 | 6'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING 45 MINUTE FIRE RATED STEEL ENTRY DOOR TO REMAIN |
| | EX17 | 3'-0" | 7'-0" | 1¾" | WOOD | - | WOOD | - | - | - | - | EXIST. CLEAR | N/A | N/A | N | N | EXISTING ½ LITE WOOD DOOR TO REMAIN |
| | EX18 | 6'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING 45 MINUTE FIRE RATED STEEL ENTRY DOOR TO REMAIN |
| | EX-R | VARIES | VARIES | 2" | STEEL | - | METAL | - | - | - | N/A | N/A | N/A | N/A | N | Y | EXISTING STEEL COMMERCIAL ROLL-UP DOORS TO REMAIN |
| SECOND FLOOR | 201 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING 45 MINUTE FIRE RATED STEEL DOOR TO REMAIN |
| | 202 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING 45 MINUTE FIRE RATED STEEL DOOR TO REMAIN |
| | 203 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 4 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 204 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 4 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 205 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 6 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 206 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 4 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 207 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 4 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 208 | 3'-0" | 6'-8" | 1¾" | WOOD | 9 | HM | - | - | - | 5 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR. SEE WINDOW SCHEDULE FOR ASSEMBLY |
| | 209 | 3'-0" | 6'-8" | 1¾" | WOOD | 9 | HM | - | - | - | 5 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR. SEE WINDOW SCHEDULE FOR ASSEMBLY |
| | 210 | 3'-0" | 6'-8" | 1¾" | WOOD | 9 | HM | - | - | - | 5 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR. SEE WINDOW SCHEDULE FOR ASSEMBLY |
| | 211 | 3'-0" | 6'-8" | 1¾" | WOOD | 9 | HM | - | - | - | 5 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR. SEE WINDOW SCHEDULE FOR ASSEMBLY |
| | 212 | 6'-0" | 6'-8" | 1¾" | WOOD | 10 | HM | - | - | - | 6 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR |
| | 213 | 6'-0" | 7'-0" | 1¾" | STEEL | 2 | HM | - | - | - | 2 | N/A | N/A | N/A | N | N | 45 MINUTE FIRE RATED STEEL DOOR & FRAME ASSEMBLY w/CLOSER |
| | 214 | 3'-0" | 6'-8" | 1¾" | WOOD | 4 | HM | - | - | - | 5 | N/A | N/A | N/A | N | N | INTERIOR WOOD DOOR. SEE WINDOW SCHEDULE FOR ASSEMBLY |
| | 215 | 6'-0" | 7'-0" | 1¾" | STEEL | 5 | HM | - | - | - | 2 | N/A | N/A | N/A | N | N | 45 MINUTE FIRE RATED STEEL DOOR & FRAME ASSEMBLY w/CLOSER |
| | 216 | 6'-0" | 7'-0" | 1¾" | STEEL | 5 | HM | - | - | - | 2 | N/A | N/A | N/A | N | N | 45 MINUTE FIRE RATED STEEL DOOR & FRAME ASSEMBLY w/CLOSER |
| | EX20 | 6'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | 12 | N/A | N/A | N/A | Y | Y | EXISTING STEEL ENTRY DOOR TO REMAIN W/ NEW PANIC HARDWARE |
| | EX21 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | 3 | N/A | N/A | N/A | Y | N | FLIP SWING ON EXISTING WOOD DOOR. NEW HARDWARE. |
| | EX22 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN |
| | EX23 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD IT ROOM DOOR TO REMAIN |
| | EX24 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NOT IN USE |
| | EX26 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NOT IN USE |
| | EX28 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | 4 | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN. VIF (E) HARDWARE MATCHES GP 4 |
| | EX29 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NOT IN USE |
| | EX31 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD RESTROOM DOOR TO REMAIN |
| | EX32 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX33 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX34 | 3'-0" | 6'-8" | 1¾" | WOOD | - | WOOD | - | - | - | - | N/A | N/A | N/A | N | N | EXISTING WOOD OFFICE DOOR TO REMAIN |
| | EX35 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | - | N/A | N/A | N/A | Y | Y | EXISTING STEEL ENTRY DOOR W/ PANIC HARDWARE TO REMAIN |
| | EX36 | 3'-0" | 7'-0" | 1¾" | STEEL | - | HM | - | - | - | 12 | N/A | N/A | N/A | Y | Y | EXISTING STEEL ENTRY DOOR TO REMAIN W/ NEW PANIC HARDWARE |

# HARDWARE SCHEDULE (GC TO VERIFY & COORDINATE HARDWARE WITH OWNER REQUIREMENTS PRIOR TO PURCHASE)

| HARDWARE SET NO. | HINGE | LOCKSET | SURFACE HARDWARE | MISC. HARDWARE | REMARKS |
|---|---|---|---|---|---|
| 1 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET W/ PANIC HARDWARE "EXIT LOCK" | CLOSER W/ HOLD OPEN | WEATHER STRIPPING | IMPACT RATED ASSEMBLY |
| 2 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET W/ PANIC HARDWARE "EXIT LOCK" | CLOSER | FULLY GASKETED, MUTES & FLOOR MOUNTED DOOR STOP | 45 MINUTE FIRE RATED STEEL DOOR & FRAME ASSEMBLY |
| 3 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET "ENTRANCE/OFFICE LOCK" | CLOSER | FULLY GASKETED, MUTES & FLOOR MOUNTED DOOR STOP | |
| 4 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET "STOREROOM LOCK" | N/A | FULLY GASKETED, MUTES & FLOOR MOUNTED DOOR STOP | |
| 5 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET "CLASSROOM LOCK" | N/A | FULLY GASKETED, MUTES & FLOOR MOUNTED DOOR STOP | |
| 6 | 3 PR $4\frac{1}{2}$ X $4\frac{1}{2}$ BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET "STOREROOM LOCK" | N/A | FLOOR MOUNTED DOOR STOP | |
| 7 | N/A | N/A | PADLOCK | N/A | |
| 8 | N/A | N/A | PADLOCK & SLIDE BOLT | N/A | |
| 9 | EXISTING | EXISTING | SECURITY ALARM | N/A | |
| 10 | EXISTING | EXISTING | DEADBOLT | N/A | VIF EXISTING LOCKSET SUITS NEW APPLICATION |
| 11 | 3 PR 4½" X 4½" BALL BEARING NRP | SCHLAGE AL SERIES "SATURN" STANDARD DUTY COMMERCIAL LEVERSETS. KEYED LOCK SET "ENTRANCE/OFFICE LOCK" | CLOSER | FLOOR MOUNTED DOOR STOP | |
| 12 | EXISTING | EXISTING | PANIC HARDWARE | N/A | |

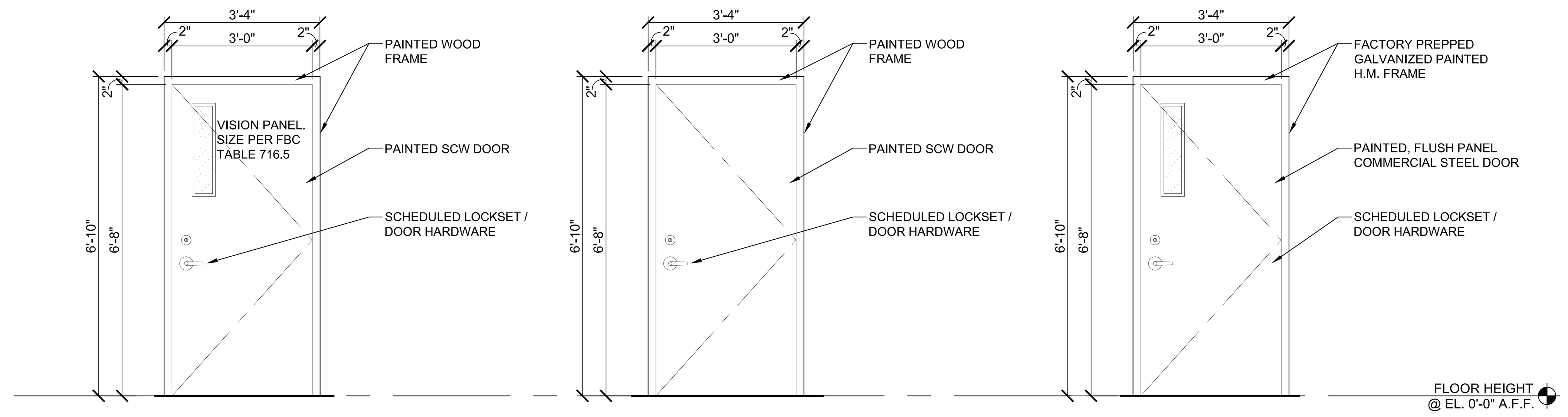
# DOOR / HARDWARE NOTES:

1. ALL EGRESS DOORS SHALL BE ARRANGED TO BE OPENED READILY FROM THE EGRESS SIDE. LOCKS, IF PROVIDED, SHALL NOT REQUIRE THE USE OF A KEY, A TOOL OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE.
2. ALL EXTERIOR DOORS AND WINDOWS SHALL BE INSTALLED PER MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE OR FLORIDA PRODUCT APPROVAL
3. GENERAL CONTRACTOR TO PROVIDE 5 SETS MINIMUM PRODUCT SUBMITTALS AND ONE SAMPLE OF EACH
4. HARDWARE SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO ORDERING.
5. HARDWARE MANUFACTURER TO PROVIDE EMBOSSING TO IDENTIFY KEYS AT NO ADDITIONAL COST TO OWNER
6. ALL HARDWARE TO COMPLY WITH STATE, LOCAL CODES AND REQUIREMENTS.
7. HARDWARE SUPPLIER TO REVIEW PLANS, SCHEDULE AND PROVIDE ANY ITEM REQUIRED TO COMPLETE THE SET; VERIFY ALL QUANTITIES AND DOOR SWINGS.
8. FINAL FINISH SELECTION BY OWNER AND ARCHITECT
9. ALL DOORS WITHOUT SEALS SHALL HAVE MUTES
10. ALL WOOD DOORS TO BE PAINTED. CONTRACTOR TO SUBMIT COLOR SAMPLES TO OWNER FOR APPROVAL, PRIOR TO INSTALLATION.




2
PAINTED INTERIOR 45-MINUTE FIRE RATED STEEL DOOR W/ VISION PANELS.

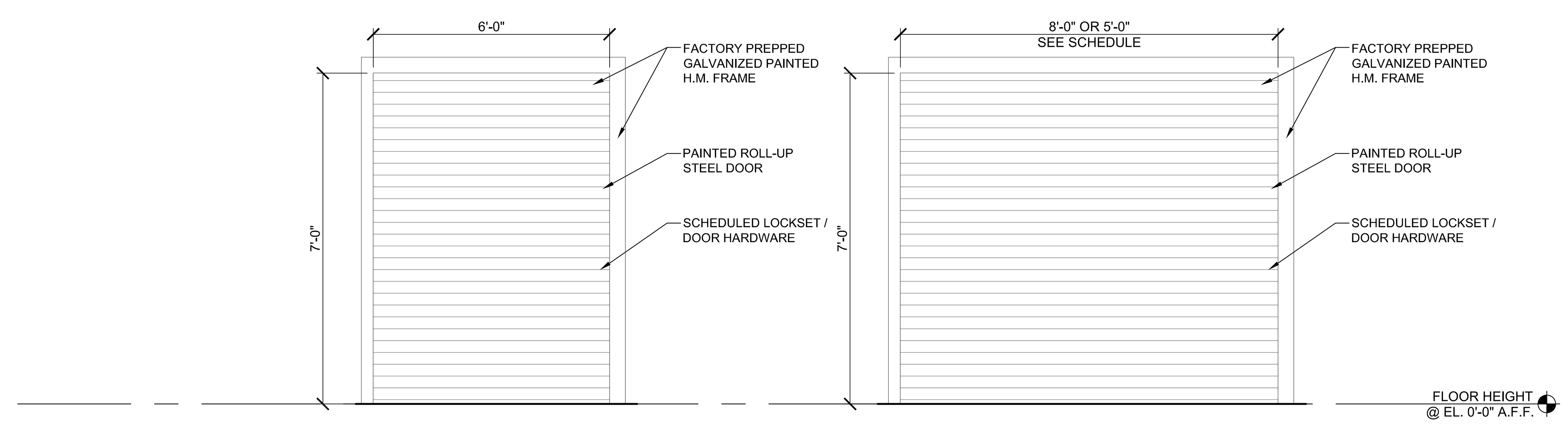
1
PAINTED EXTERIOR IMPACT-RATED STEEL DOORS W/ VISION PANELS




5
PAINTED INTERIOR 45-MINUTE FIRE RATED STEEL DOOR W/ VISION PANEL

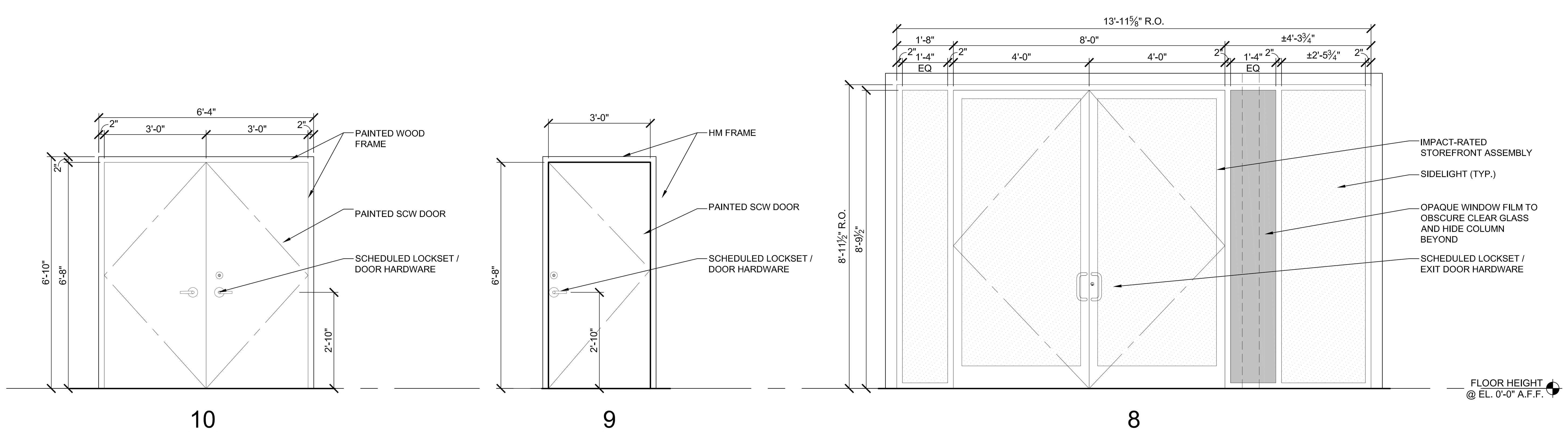
4
PAINTED INTERIOR SCW DOOR

3
PAINTED INTERIOR STEEL DOOR




7
EXTERIOR IMPACT-RATED ROLL-UP STEEL DOOR

6
INTERIOR ROLL-UP STEEL DOOR




10
PAINTED INTERIOR SCW DOOR

9
PAINTED INTERIOR SCW DOOR IN HM FRAME. SEE SHEET A-6.02

8
IMPACT-RATED STOREFRONT ASSEMBLY

DOOR TYPES 1 / A-6.01
SCALE: 1/2"=1'-0"

CROSSOVER MISSION
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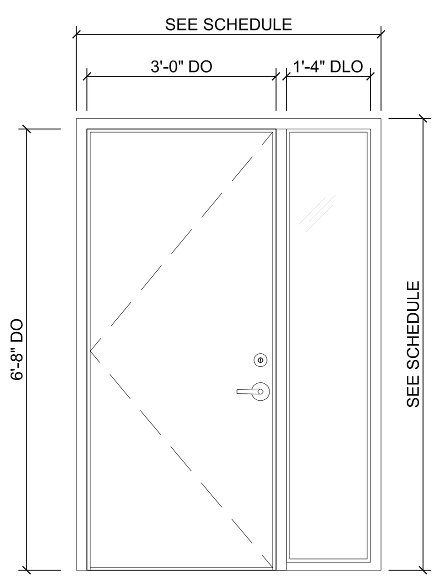
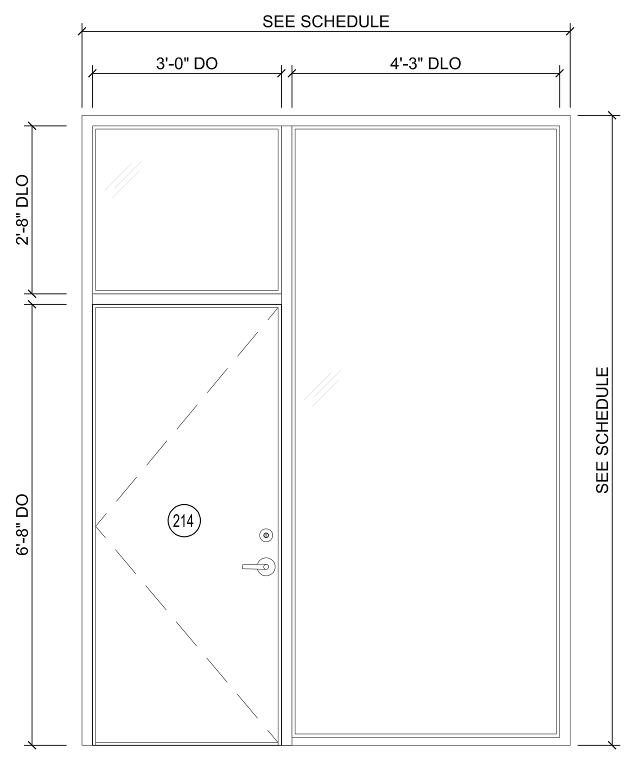
PROJECT: 2102
SCALE: AS NOTED
DATE: 6/23/2022
PHASE: PHASE 1B PERMIT

DOOR SCHEDULE / HARDWARE SCHEDULE / DOOR TYPES

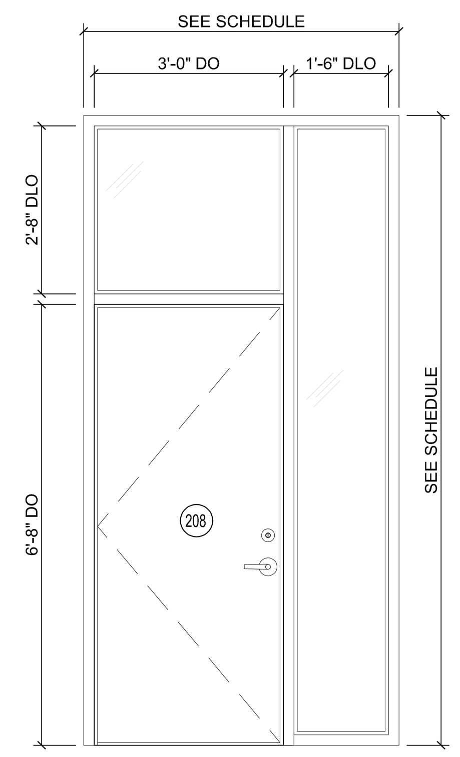
A-6.01



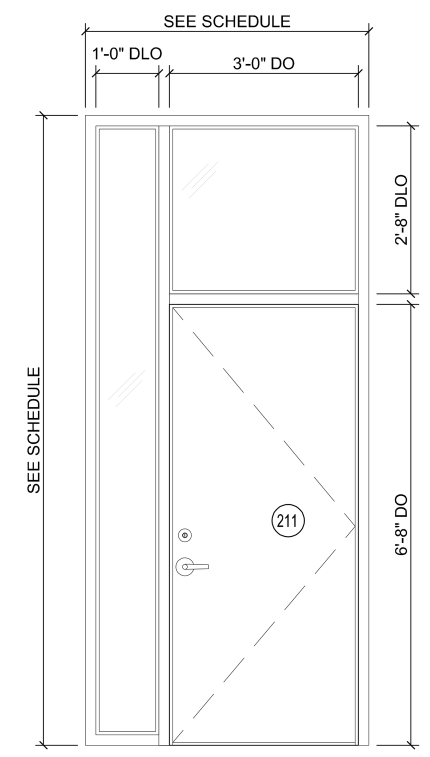

9 A602 WINDOW TYPE 'L'
SCALE 1/2"=1'-0"



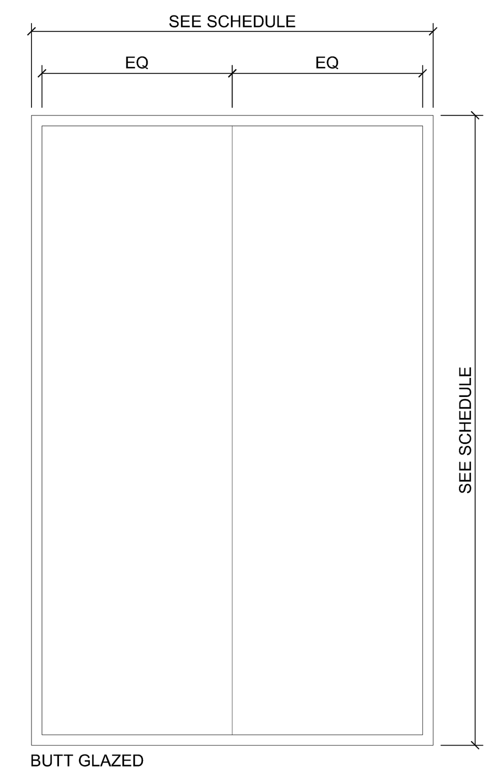

8 A602 WINDOW TYPE 'K'
SCALE 1/2"=1'-0"



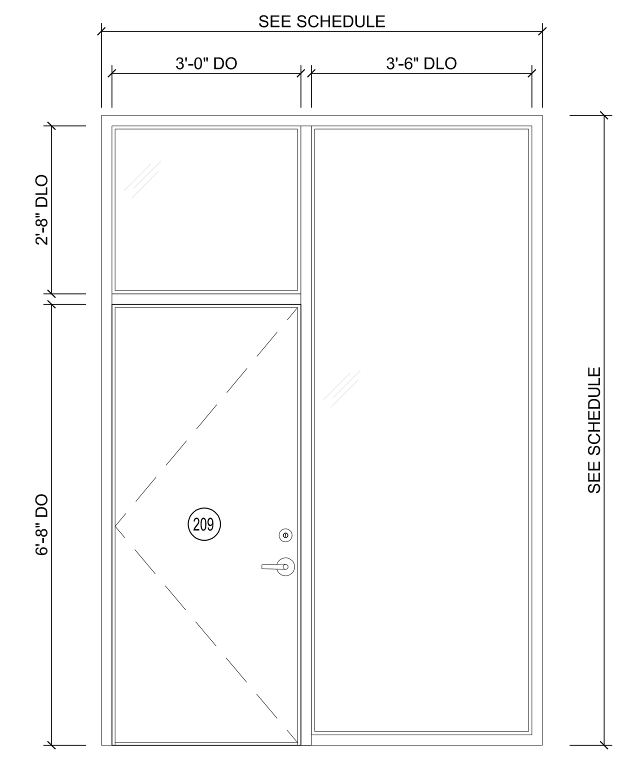

10 A602 WINDOW TYPE 'J'
SCALE 1/2"=1'-0"



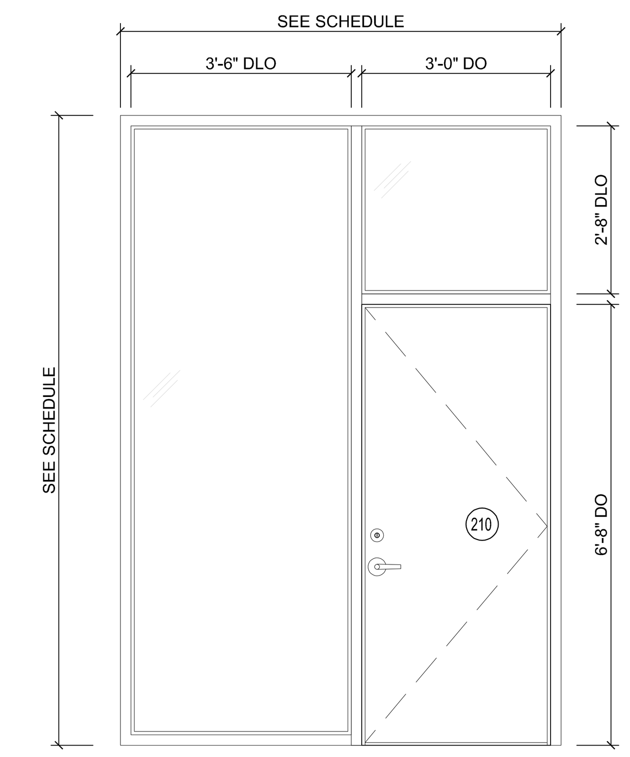

10 A602 WINDOW TYPE 'I'
SCALE 1/2"=1'-0"



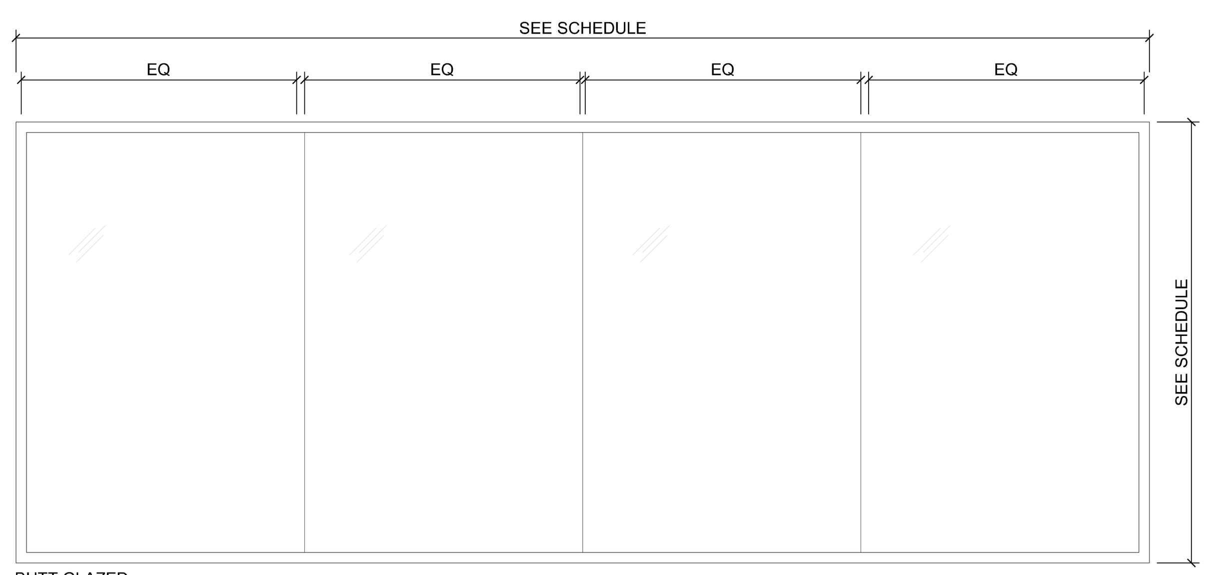

9 A602 WINDOW TYPE 'H'
SCALE 1/2"=1'-0"



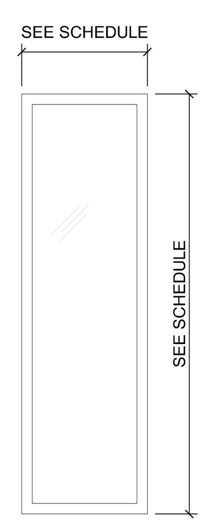

8 A602 WINDOW TYPE 'G'
SCALE 1/2"=1'-0"



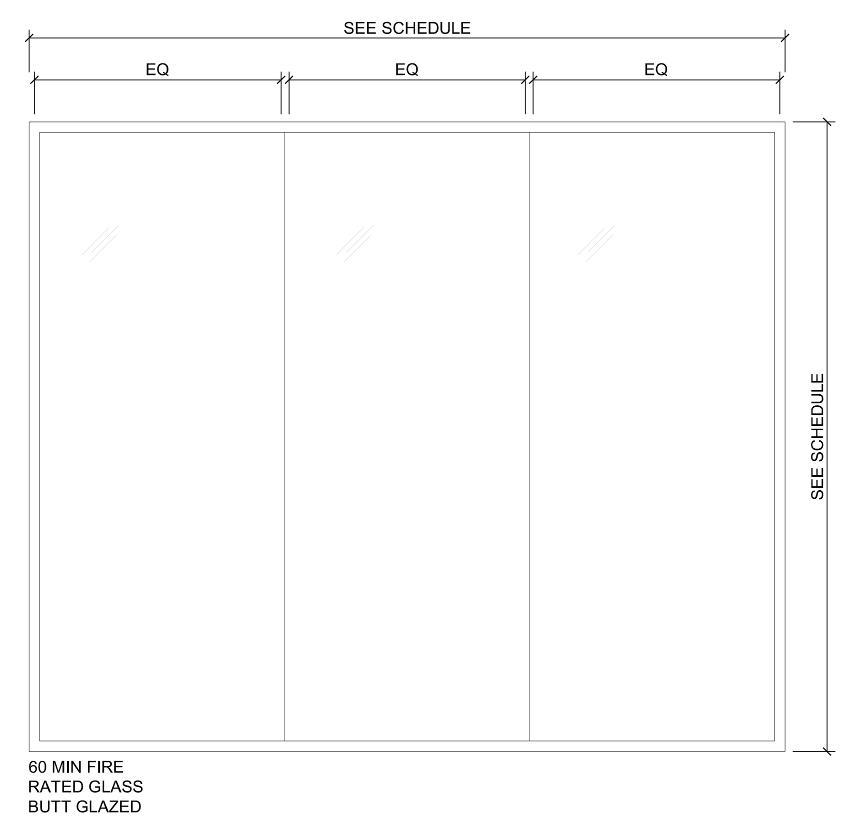

7 A602 WINDOW TYPE 'F'
SCALE 1/2"=1'-0"



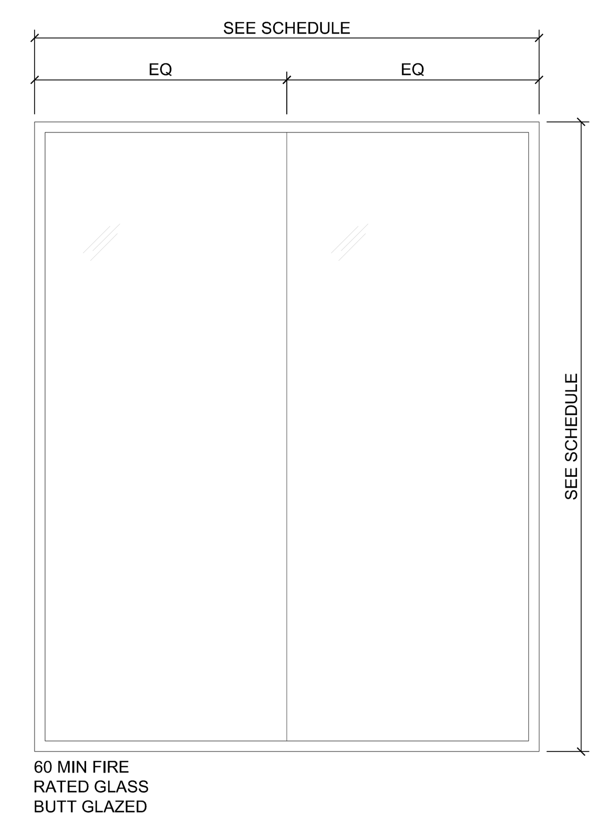

6 A602 WINDOW TYPE 'E'
SCALE 1/2"=1'-0"



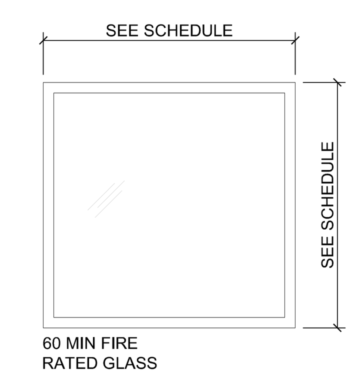

5 A602 WINDOW TYPE 'D'
SCALE 1/2"=1'-0"




4 A602 WINDOW TYPE 'C'
SCALE 1/2"=1'-0"




3 A602 WINDOW TYPE 'B'
SCALE 1/2"=1'-0"




2 A602 WINDOW TYPE 'A'
SCALE 1/2"=1'-0"

## WINDOW SCHEDULE

| NUMBER | TYPE | MATERIAL | GLAZING TYPE | DETAIL U-VALUE | DETAIL SILL HT | DETAIL SILL | DETAIL JAMB | DETAIL MULLION | DETAIL HEAD | WIDTH | HEIGHT | GLAZING AREA | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-6" | 14 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 102 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 103 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 104 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES; NEW WINDOW IN EXISTING OPENING |
| 105 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES; NEW WINDOW IN EXISTING OPENING |
| 106 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 107 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 108 | C | ALUMINUM | 60-MIN FIRE RATED / SAFETY GLAZING | | 0'-0" | | | | | 12'-0" | 10'-0" | 120 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 109 | B | ALUMINUM | 60-MIN FIRE RATED / SAFETY GLAZING | | 0'-0" | | | | | 8'-0" | 10'-0" | 80 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 110 | B | ALUMINUM | 60-MIN FIRE RATED / SAFETY GLAZING | | 0'-0" | | | | | 8'-0" | 10'-0" | 80 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 111 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 112 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 113 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 114 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 115 | A | ALUMINUM | 60-MIN FIRE RATED | | 3'-6" | | | | | 4'-0" | 3'-9 1/2" | 15 SQ FT | 60-MIN FIRE RATED GLASS AND FRAMES |
| 116 | D | HM | SAFETY GLAZING | | 0'-0" | | | | | 1'-6" | 6'-8" | 10 SQ FT | |
| 117 | D | HM | SAFETY GLAZING | | 0'-0" | | | | | 1'-6" | 6'-8" | 10 SQ FT | |
| 118 | L | HM | SAFETY GLAZING | | 0'-0" | | | | | 4'-8" | 6'-8" | | |
| 119 | L | HM | SAFETY GLAZING | | 0'-0" | | | | | 4'-8" | 6'-8" | | |
| 120 | G | HM | SAFETY GLAZING | | 0'-0" | | | | | 7'-0" | 10'-0" | | |
| 121 | F | HM | SAFETY GLAZING | | 0'-0" | | | | | 7'-0" | 10'-0" | | |
| 122 | E | HM | | | 3'-0" | | | | | 17'-8" | 7'-0" | | |
| 123 | H | HM | SAFETY GLAZING | | 0'-0" | | | | | 7'-0" | 10'-0" | | |
| 124 | K | HM | SAFETY GLAZING | | 0'-0" | | | | | 7'-9" | 10'-0" | | |
| 125 | H | HM | SAFETY GLAZING | | 0'-0" | | | | | 5'-9" | 10'-0" | | |
| 126 | I | HM | SAFETY GLAZING | | 0'-0" | | | | | 4'-6" | 10'-0" | | |
| 127 | J | HM | SAFETY GLAZING | | 0'-0" | | | | | 5'-0" | 10'-0" | | |

WINDOW SCHEDULE 1 A-6.02
SCALE: 1/2"=1'-0"

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PROJECT: 2102
SCALE: AS NOTED
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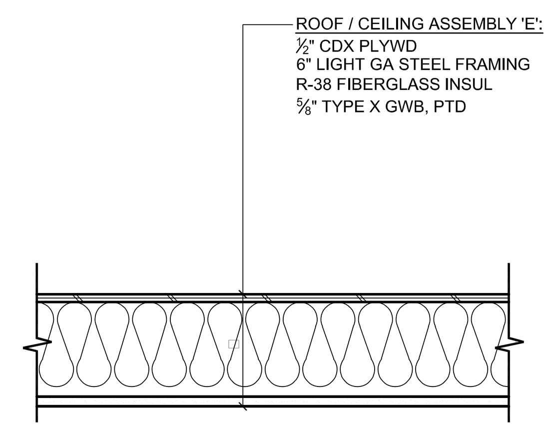
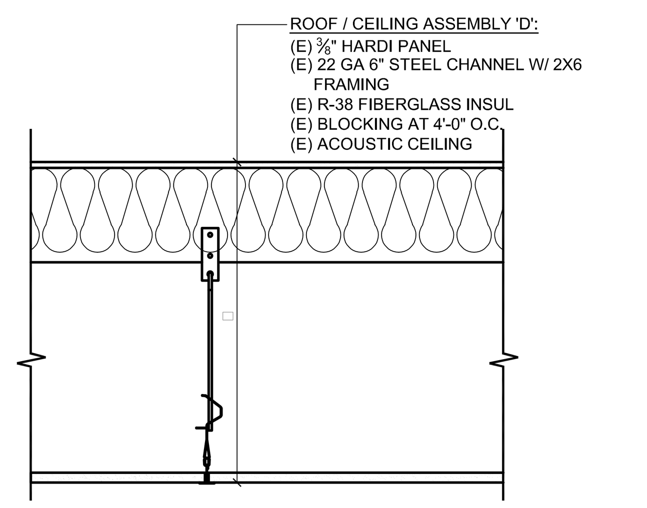
## DOOR SCHEDULE / HARDWARE SCHEDULE / DOOR TYPES

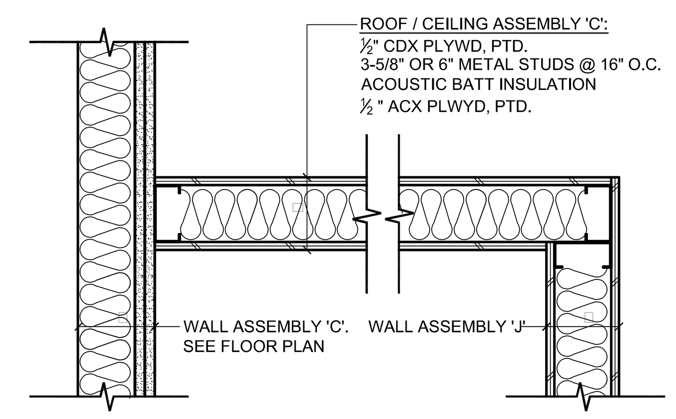
A-6.02



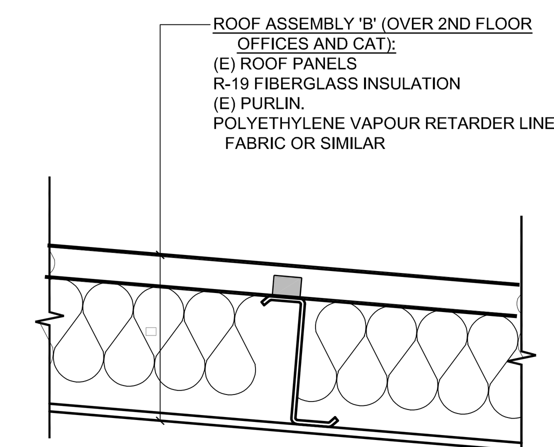

17 ROOF / CEILING TYPE 'E'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



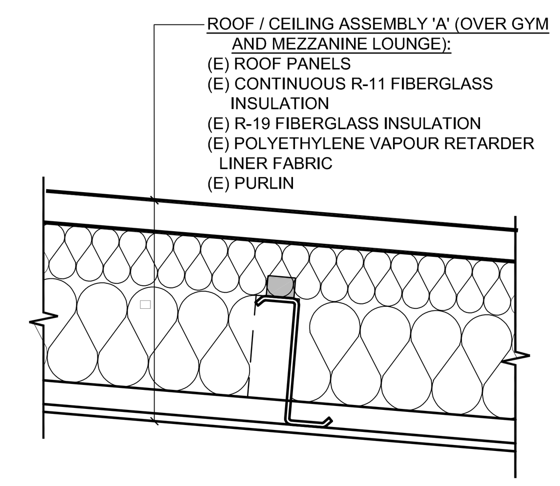

16 ROOF / CEILING TYPE 'D'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



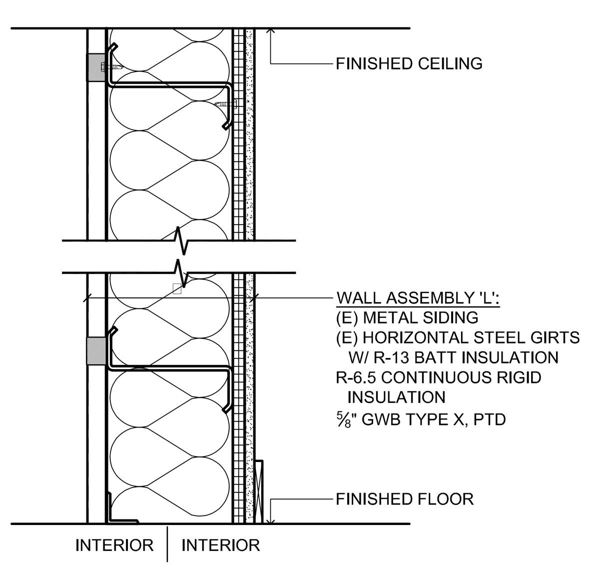

15 ROOF / CEILING TYPE 'C'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



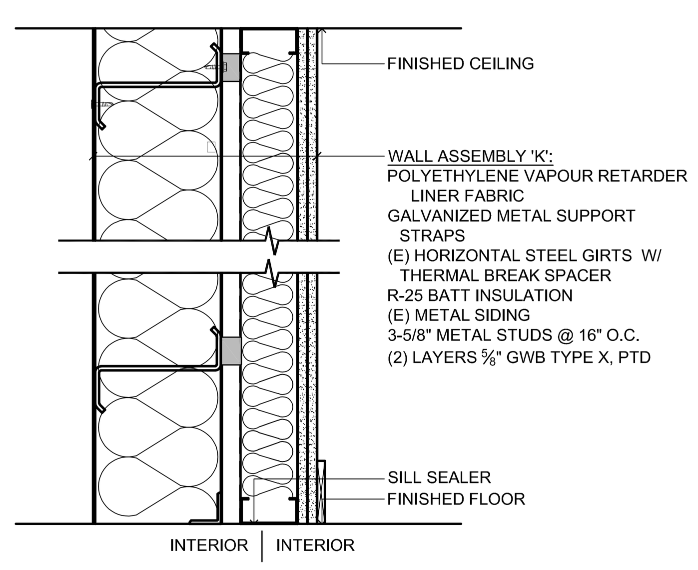

14 ROOF / CEILING TYPE 'B'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



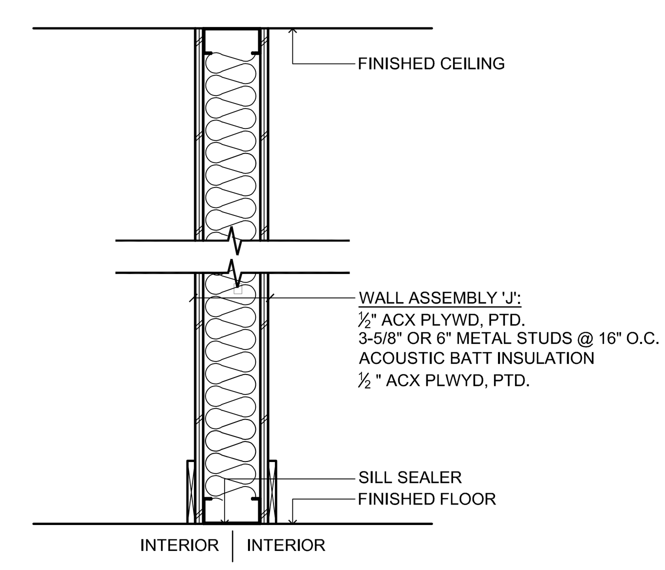

13 ROOF / CEILING TYPE 'A'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



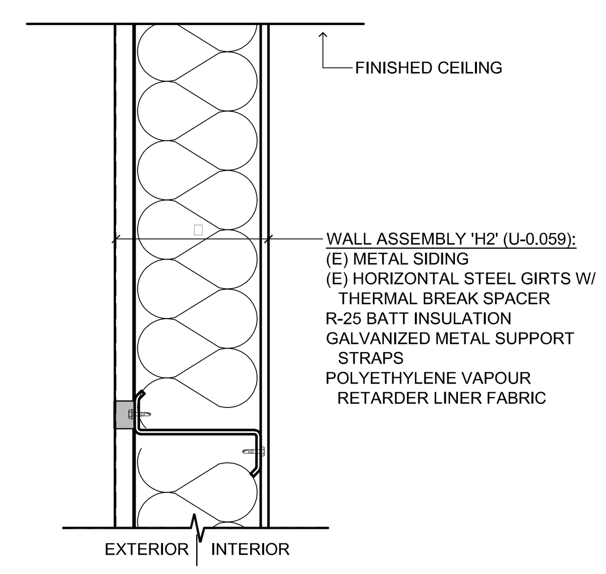

12 WALL TYPE 'L'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



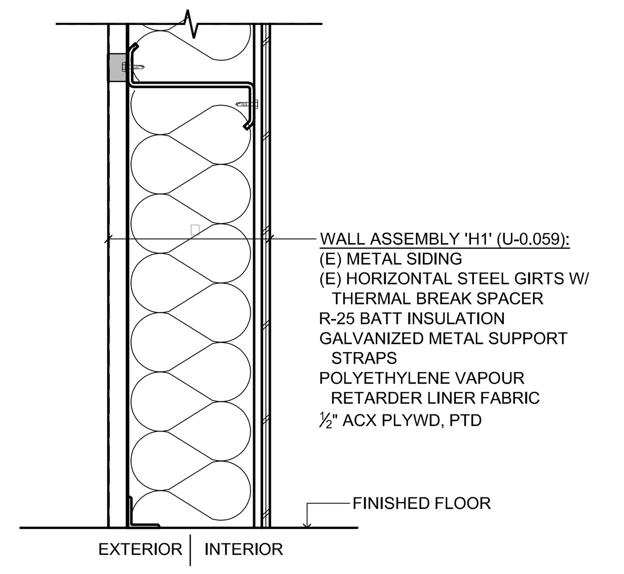

11 WALL TYPE 'K'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



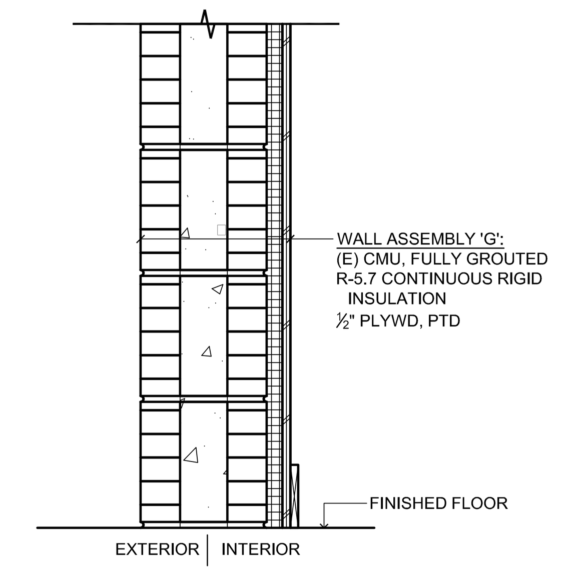

10 WALL TYPE 'J'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



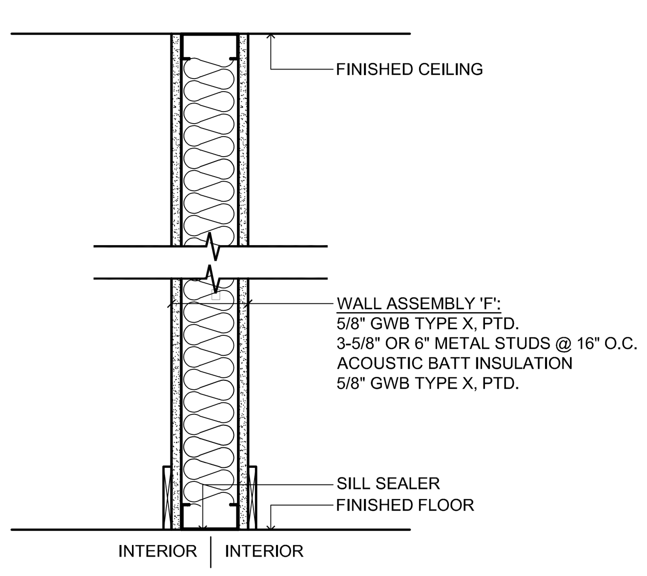

9 WALL TYPE 'H2' - ABOVE 12' AFF
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



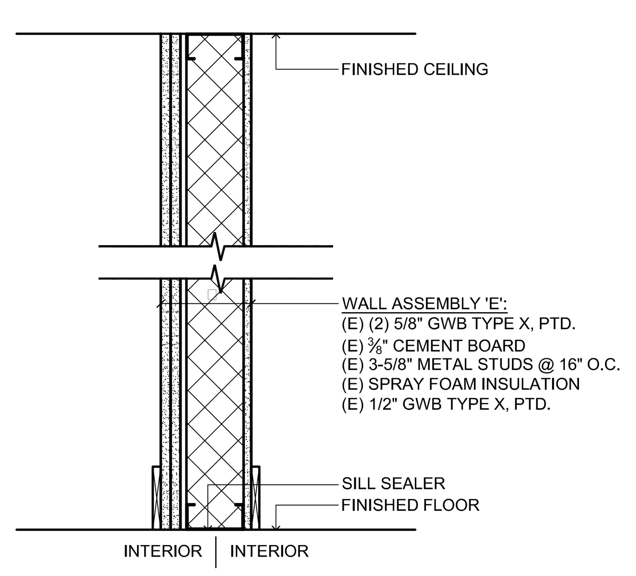

8 WALL TYPE 'H1' - UP TO 12' AFF
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



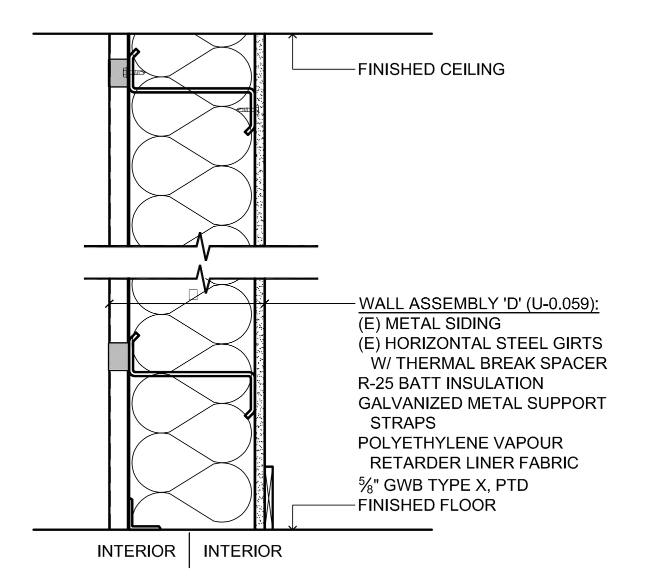

7 WALL TYPE 'G' - UP TO 12' AFF
A-7.01 SCALE 1 1/2"=1'-0" X_A-701



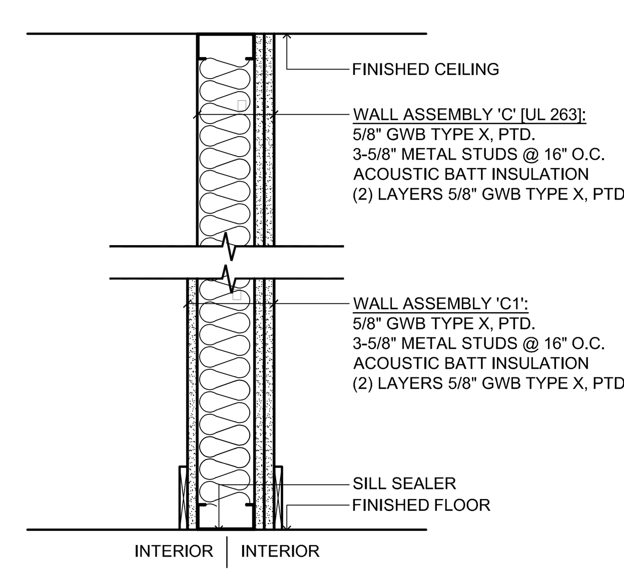

6 WALL TYPE 'F'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701




5 WALL TYPE 'E' 1-HR RATED ASSEMBLY UL 263
A-7.01 SCALE 1 1/2"=1'-0" X_A-701




4 WALL TYPE 'D'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701




3 WALL TYPE 'C' / 'C1' 1-HR RATED ASSEMBLY UL 263
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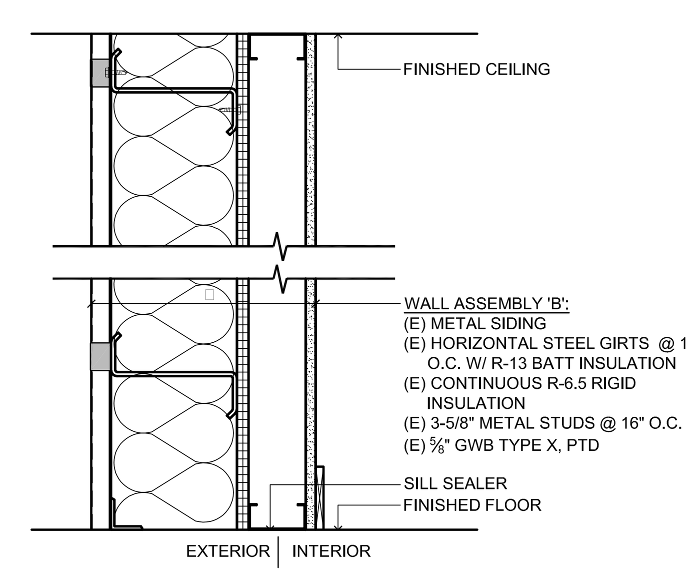
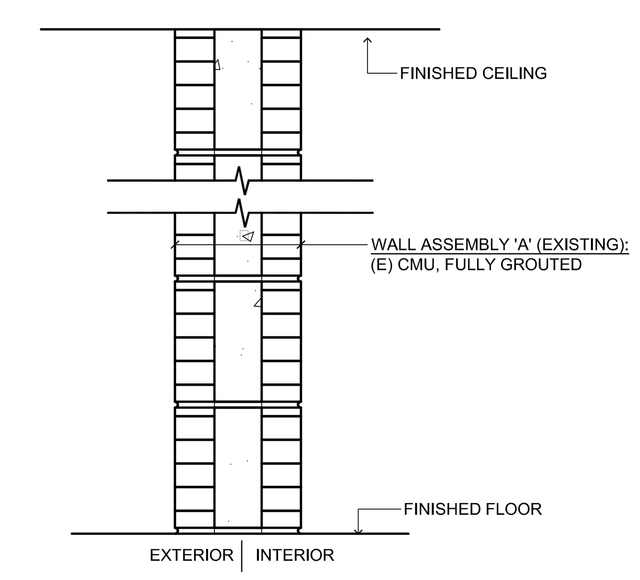



2 WALL TYPE 'B'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701




1 WALL TYPE 'A'
A-7.01 SCALE 1 1/2"=1'-0" X_A-701

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## WALL TYPES
## ROOF / CEILING TYPES

A-7.01