## PROJECT NOTES

- SCOPE OF WORK:
- I. THIS PORCIAN OF THE PROJECT CONSISTS OF A NEW RESTROOM/CONCESSION BUILDING AND RECREATION OFFICES.
- 2. THESE PLANS ARE THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR THE RESTROOM/ CONCESSION BUILDING AND OFFICE BUILDING
- 3. THE PLANS DO NOT INCLUDE THE FOLLOWING IN THIS SECTION:
  - a. Sprinkler Plan not required. b. Civil Engineering by Jenkins Engineering.
- b. Landscape plans by others. 4. THE BUILDINGS ARE TYPE V-B CONSTRUCTION WITH THE RESTROOM BUILDING LOCATED AT AN ELEVATION OF 15'-2" MSL, WALLS CONSTRUCTED W 2X6 WOOD FRAMING W CEMENTISHES LAP SIDING AND STANDING SEAM GALVALUM MRETAL ROOF.
- 5. AS PER FBC 2023, 8TH EDITION THESE STRUCTURES LIES WITHIN THE I50 MPH WIND ZONE AND SHALL BE STRUCTURALLY DESIGNED ACCORDINGLY.

## GENERAL:

- I. SITE UTILITY LOCATION AND CONNECTIONS TO BE COORDINATED WITH CIVIL ENGINEER **& MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERS.**
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
- 3. CONTRACTOR SHALL OBTAIN ALL LOCAL AND STATE PERMITS AS REQUIRED BEFORE START OF CONSTRUCTION
- 4. THE CONTRACTOR SHALL PROVIDE ANY SURVEYS, TESTING OR ENGINEERING REQUIRED TO INSURE SAFE AND COMPLETE CONSTRUCTION.
- 5. CONTRACTOR SHALL PASS ALL INSPECTIONS AND APPROVALS AS REQUIRED BY LOCAL AUTHORITIES DURING COURSE OF CONSTRUCTION.
- 6. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK.
- 7. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION BEGINS. ANY
- 8. CONTRACTOR SHALL ASK FOR DETAILS WHENEVER UNCERTAIN ABOUT METHODS OF INSTALLATION. LACK OF DETAILS NOT REQUESTED SHALL NOT EXCUSE IMPROPER

INSTALLATION AND CORRECTION SHALL BE RESPONSIBILITY OF CONTRACTOR.

DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION.

- 9. CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL CHANGES MARKED IN INK ON THE CONTRACT DOCUMENTS DURING CONSTRUCTION, INCLUDING LOCATION OF ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL FURNISH OWNER AND ARCHITECT A COPY OF THIS RECORD BEFORE ACCEPTANCE IS RECORDED.
- IO. CONTRACTOR SHALL SECURE AND OBTAIN THE CERTIFICATE OF OCCUPANCY FROM LOCAL AUTHORITIES BEFORE FINAL PAYMENT WILL BE ISSUED.
- II. THESE DRAWINGS HAVE BEEN DRAWN AND CHECKED TO INSURE A REASONABLE AND NORMALLY ACCEPTABLE DEGREE OF ACCURACY. HOWEVER; THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS, DETAILS AND REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS PRIOR TO START OF WORK.
- 12. THE SHEETS IN THESE CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY TO EACH
- OTHER; WHAT IS CALLED FOR BY ONE SHALL BE BINDING AS IF CALLED FOR BY ALL. 13. ALL ROADWAYS, SIDEWALKS, BOARDWALKS, BALL FIELS, AND PARKING ARES ARE ON THE CIVIL DRAWINGS.

## EGRESS & LOCKS:

- 14. A DOORWAY IN A MEANS OF EGRESS SHALL PROVIDE AT LEAST 32" CLEAR (ALL DOORS ARE 3'-0") & EQUIPPED W/ PANIC HARDWARE.
- 15. HOLLOW METAL FRAMES SHALL CONFORM WITH STEEL DOOR INSTITUTE RECOMMENDED SPECIFICATIONS, SDI-100.
- 16. DOORS SHALL BE READILY OPENED FROM THE SIDE OF THE EXIT TRAVEL AT ALL TIMES THE BUILDING IS OCCUPIED.
- 17. LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY. SPECIAL DEVICE, OR SPECIAL KNOWLEDGE TO OPEN IN THE DIRECTION OF EGRESS.
- 18. EXTERIOR LOCKS TO BE TRILOGY LOCKS, STAINLESS STEEL, WEATHERPROOF, BATTERY OPERATED, PROGRAMMABLE DIGITAL CYLINDRICAL LOCK W/ MULTIPLE SCHEDULED LOCK/ UNLOCKED EVENTS & AUDIT TRAIL CAPABILITY W/ STANDARD KEY OVERRIDE.
- 19. EXIT DISCHARGE SHALL PROVIDE OCCUPANTS SAFE ACCESS TO A PUBLIC WAY.
- 20. THRESHOLDS SHALL COMPLY WITH REQUIREMENTS OF THIS SECTION 4.5.2 REGARDING CHANGES IN LEVEL. (MAXIMUM THRESHOLD HEIGHT TO BE 1/2" AND BEVELED IF OVER 1/4").
- 21. PROVIDE LANDINGS OUTSIDE EXTERIOR DOORS LEVEL WITH THE FLOOR.
- 22. THE FLOOR SHALL BE LEVEL ON BOTH SIDES OF A DOOR.
- 23. FINAL HARDWARE TO BE STAINLESS STEEL SELECTED BY OWNER. 24. DOOR LOCKS SHALL PERMIT OPENING FROM THE OUTSIDE IN CASE OF
- EMERGENCY, BY STAFF PERSONNEL.

- 25. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 720, FBC 2023, 8TH EDITION.
- 26. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPMENT FACTOR OF 0-450, IN ACCORDANCE WITH SECTION 719,
- 27. EXPOSED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPMENT FACTOR OF 0-450.
- 28. INSULATION SHALL BE R-19 BATT INSULATION IN WALLS, R-19 CLOSED CELL FOAM INSULATION IN THE FLOOR, & R-38 OPEN CELL FOAM INSULATION ON RAFTERS & ATTIC.

- 29. PROVIDE HOLLOW METAL DOORS AND FRAMES, METALLIC COATED STEEL 640 AND
- W/ HOT DIPPED GALVANIZED ANCHORS, FACTORY PRIMED.
- 30. PROVIDE DOOR LOUVERS IN DOOR TYPE I AS SHOWN ON DOOR ELEVATIONS.
- 31. INSTALL HOLLOW METAL FRAMES TO COMPLY W/ ANSI/SDI A250.11.
- 32. WALL LOUVERS FRAMES TO BE GALVANIZED STEEL ASTM A 653 G90 ZINC COATING.
- 33. LOUVER DESIGN AS PER DETAIL SHOWN ON DRAWINGS AND PROVIDE SCREEN AT THE INSIDE FACE OF EACH EXTERIOR LOUVER. FABRICATE SCREEN FRAME FROM SAME
- MATERIAL WITH ALUMINUM INSECT SCREEN 31. FACTORY PRIMED FINISH FOR FIELD PAINTING.
- 34. HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS ARE ACCEPTABLE DESIGNS.
- CORRIDOR:

## BUT SHALL NOT BE LESS THAN 44 INCHES. FIRE EXTINGUISHER:

I. FIRE EXTINGUISHER AND CABINET SHALL COMPLY WITH APPLICABLE UL STANDARDS AND ARE LABELED BY UL. MULTI-PURPOSE DRY CHEMICAL TYPE (4A-60BC-FE), CABINET TO BE SEMI-RECESS TYPE WITH BUBBLE TYPE DOOR.

35. THE MINIMUM CORRIDOR WIDTH SHALL BE AS DETERMINED IN SECTION 1005.1, FBC 2023,

- 2. PROVIDE HAND-OPERATED FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA-IO.
- 3. ALL WORK AND INSPECTIONS OF FIRE ALARM, FIRE SUPPRESSION, AUTOMATIC SPRINKLER AND FIRE EXTINGUISHING SYSTEMS OR PORTABLE FIRE EXTINGUISHERS SHALL BE PERFORMED BY A STATE OF FLORIDA CERTIFIED AGENT.
- 4. TOP OF FIRE EXTINGUISHER, HAVING A GROSS WEIGHT LESS THAN 40 LBS., SHALL BE NOT MORE THAN 5 FEET ABOVE THE FLOOR.

## **GENERAL HANDICAP NOTES:**

I. PROVIDE HANDICAPPED ACCESSIBILITY IN ACCORDANCE WITH ANSI AII7.I 2020, AND 2023 FBC, ACCESSIBILITY, 8TH EDITION...

- I. EXTERIOR SIDING TO BE FIBER-CEMENT SIDING MADE FROM FIBER-CEMENT BOARD THAT COMPLIES WITH ASTM C 1186, TYPE A, GRADE II, AND IS CLASSIFIED AS NONCOMBUSTIBLE ACCORDING TO ASTM E 84. BOARDS TO HAVE WOOD-GRAIN TEXTURE AND FACTORY PRIMED. MATERIAL BY JAMES HARDIE BUILDING MATERIAL OR APPROVED EQUAL.
- 2. PROVIDE HORIZONTAL PATTERN BOARDS WITH 5' & 8" EXPOSURE, SEE ELEVATIONS FOR FOR PATTERN ON WALLS. 3. PROVIDE I" THICK FIBER-CEMENT TRIM BOARDS ON ALL EXTERIOR WALL AND OPENING

TRIM AS SHOWN ON EXTERIOR ELEVATIONS

- I. STANDING SEAM METAL ROOF PANELS TO BE 032 ALUMINUM 15 1/2" COVERAGE & 1 1/2" TALL RIBS, FASTENED IN A CONSEALED CLIP ON IX4 SLEEPERS @ 14" OC. OVER PEAL-N-STICK WATERPROOF MEMBRANE ON 5/8" EXTERIOR PLYWOOD. ALL FASTENERS TO BE 304 STAINLESS STEEL. BY BEACH METAL ROOFING SUPPLY OR APPROVED EQUAL.
- 2. STANDING SEAM METAL ROOF TO BE MECHANICALLY FASTEN. 3. PROVIDE ALL TRIM , FLASHING, AND CAPS NEEDED TO COMPLETE INSTALLATION AND

WARRENTY

- I. ALL DRYWALL TO BE TAPED, FLOATED, W/ SMOOTH FINISH. PAINTED W/ BASE PRIMER PLUS TWO FINISH COATS OF SEMI-GLOSS LATEX PREMIUM LATEX PAINT.
- 2. INTERIOR WOOD TRIM TO BE PRIMER PLUS TWO COATS OF LATEX SEMI-GLOSS.
- 3. INTERIOR METAL FRAMES TO BE FACTORY PRIMER PLUS TWO COATS OF ALKYD ENAMEL SEMI-GLOSS.
- 4. EXTERIOR WOOD TRIM, AND HANDRAILS TO BE ALKYD PRIMER W/ TWO COATS OF SEMI-GLOSS LATEX PREMIUM PAINT.
- 5. EXTERIOR WOOD SOFFITS TO BE ALKYD PRIMER W/ TWO COATS OF SEMI-GLOSS LATEX PREMIUM PAINT.
- 6. EXTERIOR WOOD COLUMNS AND HEAVY TIMBER WOOD MEMBERS TO BE SEMITRANSPARENT STAIN TWO COATS MPI EXT 6.4D STAIN.
- 7. EXTERIOR METAL DOORS & FRAMES TO BE FACTORY PRIMER W/ TWO COATS OF SEMI-GLOSS ALKYD ENAMEL PAINT.

## **CERAMIC TILE:**

- I. ALL FLOOR TILE TO BE LAID ON CONCRETE SLAB WITH LEVELING COMPOUND W/ FLUID APPLIED WATERPROOFING MEMBRANE WITH POSITIVE SLOPE TO FLOOR DRAIN.
- 2. FLOOR TILE TO BE SLIP RESISTANT UNGLAZED QUARRY TILE 12 X 12 IN CONCESSION AREA.
- COLOR TOBE SELECTED BY OWNER. 3. WALL TILE TO BE PORCELAIN GLAZED WALL TILE W/ A BRIGHT CLEAR FINISH. TILE SIZE TO
- BE 12 X 24 AND COLOR SELECTED BY OWNER. 4. SUPPLY ALL TRIM UINTS TO MATCH FLOOR AND WALL TILE INCLUDING BASE COVE.
- 5. PROVIDE STONE THRESHOLDS AS REQUIRED.
- 6. PROVIDE WATERPROOFING MEMBRANE FOR THIN SET INSTALLATION ANSI AII8.10 ALKYD ENAMEL PAINT.
- 7. PROVIDE THIN SET PORTLAND CEMENT MORTAR AND POLYMER MODIFIED GROUT. COLOR
- TO BE SELECTED BY OWNER. 8. ALL TILE OVER WOOD TO BE LAID ON 1/2" CEMENT BOARD (DURAROCK) COVERED W/ FLUID APPLIED WATERPROOFING MEMBRANE.

## TOILET ROOMS:

- I. TOILET ROOMS SHALL COMPLY WITH REQUIREMENTS OF 2023 FBC, CHAPTER II & ACCESSIBILITY CODE. 2. STANDARD ACCESSIBLE TOILET SHALL HAVE MINIMUM WIDTH OF 60" AND MINIMUM DEPTH OF 59" FOR FLOOR MOUNTED WATER CLOSET (56" WITH WALL MOUNTED UNIT), FOR
- OUTWARD SWINGING DOOR. 3. ADA WATER CLOSETS SHALL BE LOCATED 16" FROM A SIDE WALL OR PARTITION.
- 4. THE HEIGHT TO THE TOP OF THE TOILET SEAT SHALL BE 17" TO 19".
- 5. FLUSH CONTROLS SHALL BE 44" MAXIMUM ABOVE FINISHED FLOOR.
- 6. GRAB BARS FOR TOILETS SHALL BE PROVIDED 33" TO 36" ABOVE FINISH FLOOR: SIDE WALL: 42" LONG MINIMUM, 12" FROM BACK WALL
- BACK WALL: 36" LONG MINIMUM, 12" MIN. EACH SIDE OF WATER CLOSET
- 7. TOILET PAPER DISPENSERS SHALL BE INSTALLED BELOW GRAB BAR, 19" MINIMUM ABOVE FLOOR AND 36" MAXIMUM FROM THE REAR WALL.
- 8. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAT 34" ABOVE FINISH FLOOR, SHALL EXTEND 17" MINIMUM FROM WALL, CLEARANCE OF 29"
- MINIMUM FROM FINISH FLOOR TO BOTTOM OF APRON.
- 9. A CLEAR FLOOR SPACE 30" BY 48" SHALL BE IN FRONT OF LAVATORIES. IO. HOT WATER AND DRAIN PIPES UNDER ALL LAVATORIES SHALL BE INSULATED, THERE SHALL
- BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES. II. LAVATORY CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST; LEVER OPERATED, PUSH TYPE AND
- ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE DESIGNS. 12. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40"
- MAX. ABOVE THE FINISH FLOOR.
- 13. ALL PLUMBING FIXTURES TO BE STAINLESS STEEL. 14. ALL ACCESSORIES AND GRAB BARS TO BE STAINLESS STEEL.
- 15. TIOLET PARTITIONS TO BE OVER BRACED SOLID SURFACE PANELS WITH STAINLESS
- STEEL SUPPORTS AND BRACKETS.
- 16. STAINLESS STEEL PLUMBING FIXTURES TO BE MANUFACTURED BY ACORN ENGINEERING CO. OR APPROVED EQUAL. UNITS TO INCLUDE: LAVATORIES, URINALS, AND WATER CLOSETS.

- I. DRINKING FOUNTAIN: PROVIDE HI/LO ELECTRIC DRINKING FOUNTAIN WITH BOTTLE FILLER. MDF MOST DEPENDABLE FOUNTAINS, INC. MODEL # 10485 WM, COLOR SELECTED BY OWNER.
- 2. HAND DRYER: PROVIDE HANDS FREE HAND DRYER W/ INFRARED OPTICAL SENSOR. MOTOR SHALL BE A THERMALLY PROTECTED, SERIES COMMUTATED, THROUGH-FLOW DISCHANGE VACUUM MOTOR/BLOWER (5/8 HP @ 24,000 RPM) W/ AN AIR VELOCITY OF 20,000 LIN FT PER MIN. AUTOMATIC LOCKOUT FEATURE WHICH SHUTS THE UNIT OFF AFTER > 30 SECONDS RUN TIME.

## I. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR MOUNTING

HEIGHT SHALL BE 60" ABOVE FINISH FLOOR TO THE CENTERLINE OF THE SIGN.

- 2. ALL INTERIOR SIGNAGE TO BE IN LETTER AND BRAILLE FORM, STYLE, COLOR, DESIGN AND LOCATION TO BE SUPPLIED BY ARCHITECT, ONE SIZE FOR EACH DOOR TO BE SUPPLIED, SIZE TO BE 4" X 4" MAXIMUM
- 3. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND I:I, AND A STROKE - WIDTH - TO - HEIGHT RATIO BETWEEN I:5 AND I:IO. 4. LETTERS AND NUMERALS SHALL BE RAISED 1/32" AND SHALL BE ACCOMPANIED BY GRADE
- 2 BRAILLE. RAISED CHARACTER HEIGHT: 5/8" MINIMUM, 2" HIGH MAXIMUM. 5. THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH. CHARACTER AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
- 4.30.5 AND 4.30.6 (RAISED CHARACTER, LETTER SIZE, MOUNTING) AT ALL REQUIRED 7. SITE ENTRY SIGN AND EDUCATIONAL SIGNS ARE PROVIDED UNDER THE CIVIL ENGINEERING SECTION OF THE DOCUMENTS.

6. PROVIDE LOW LEVEL MOUNTED EXIT SIGNAGE IN ACCORDANCE WITH 4.30.1, 4.30.4,

I. ELEVATOR TO BE OTIS HYDROFIT 2100# 100 FPM HTD-2110-MRL OR APPROVED EQUAL.

2. INSTALL AS PER MANUFACTURER REQUIREMENTS AND BY AN OTIS APPROVED INSTALLER.

- 3. CAB INTERIOR COLOR AND FINISHES TO BE SELECTED BY OWNER.
- 4. SUBMIT SHOP DRAWINGS AND SUBMITTAL INFORMATION FOR APPROVAL
- 5. PROVIDE ALL STATE APPROVIALS AND TESTING REQUIRED BY MANUFACTURER.

## FRAMING NOTES:

## **GENERAL**:

- I. ALL DIMENSIONS SHOULD BE READ AND CALCULATED AND NEVER SCALED.
- 2. ALL WALL DIMENSIONS ARE TAKEN TO THE FACE EDGE OF STUD, UNLESS NOTED OTHERWISE. 3. AS PER SECTION 2303.6, FBC 2023 NAILS & STAPLES SHALL CONFORM TO REQUIREMENTS OF ASTM F 1667.
- 4. FASTENERS FOR WOOD FRAMING SHALL BE AS PER SECTION 2304.9, FBC & BE SS 304.
- 5. THE FRAMING OF THE EXTERIOR & INTERIOR WALLS SHALL BE IN ACCORDANCE W/ THE PROVISIONS SPECIFIED IN SECTION 2308, FBC 2023 UNLESS OTHERWISE NOTED.
- 6. STRUCTURAL ROOF SHEATHING SHALL BE DESIGNED IN ACCORDANCE W/ THE
- GENERAL PROVISIONS OF SECTION 2304.8, FBC 2023. 7. WOOD SHEAR WALLS SHALL BE DESIGNED IN ACCORDANCE W/ THE GENERAL
- PROVISIONS OF SECTION 2305.3 FBC, SEE STRUCTURAL DRAWINGS. 8. ALL EXTERIOR & LOAD BEARING WALLS TO BE 2X6 STUDS @ 16" OC, WITH 2X4 WOOD
- STUDS @ 16" OC AT INTERIOR WALLS UNLESS OTHERWISE NOTED. 9. ALL WOOD FRAMING TO BE #2 SOUTHERN TELLOW PINE, KILN DRIED.

ANCHOR THRU BOLTS AS CALLED FOR IN SIMPSON STRONG TIE SYSTEM.

IO. ALL EXPOSED WOOD FRAMING TO BE PRESSURED TREATED.

II. ALL SOLE PLATES TO BE PRESSURED TREATED LUMBER.

- 12. SILL PLATE TO BE TREATED #2 SYP AND ANCHORED TO FLOOR FRAMING W/ 5/8" DIA.
- 13. 1/2" CONTINUOUS CAULKING BEAD SHALL BE APPLIED UNDER ALL EXTERIOR PLATES. 14. ALL GYPSUM DRYWALL TO BE 5/8" MOISTURE RESISTANT, USED ON WALLS AND CEILING.
- 15. EACH CORNER TO HAVE MINIMUM THREE STUDS. 16. HEADERS SHALL BE PROVIDED OVER EACH OPENING & SHALL BE DESIGNED IN ACCORDANCE W/ THE GENERAL PROVISIONS OF SEC. 2308.9 AND BE MIN. OF 3- 2XI25
- @ 2X6 WALLS AND MINIMUM 2- 2XIO AT INTERIOR 2X4 WALLS. 17. GYPSUM DRYWALL SHALL BE SCREWED NOT NAILED TO FRAMING IN ACCORDANCE
- W THE GRENEAL PROVISIONS IN SEC. 2306.4, FBC 2023, 8TH EDITION. 18. SEE STRUCTURAL PLANS FOR PILING DESIGN, TYPE, AND LOAD REQUIREMENTS.

## I. ALL DECKING TO BE 5/4X6 COMPOSITE DECKING MEETING THE GENERAL PROVISIONS

- OF TIMBERTECH. MATERIAL TO HAVE A 30 YEAR FADE WARRANTY. 2. COLOR TO BE DRIFTWOOD AND APPROVED BY OWNER.
- 3. ALL DECKING SECURED W/ STAINLESS STEEL 304 DECK SCREWS 4. DECKING PERFORMANCE REQUIREMENTS TO MEET UNIFORM LOAD OF 100 LBS/SQ.FT.

## METAL BUILDING SYSTEMS

- GENERAL:
- I. METAL BUILDING SYSTEMS TO INCLUDE: A. STRUCTURAL STEEL FRAMING SYSTEM.
- B. METAL ROOF SYSTEM. C. METAL WALL PANELS
- D. ROOF AND WALL INSULATION. 2. Metal building to meet American Institute of Steel Construction (AISC) standards.
- American Iron and Steel Institute (AISI) standards. American Welding Society (AWS) standards. Association for Iron & Steel Technology (AISE)
- ASTM standards and testing standards.
- 3. Metal Building System to meet all current FBC 2023, 8TH Edition. 4. All submittals and shop drawings to have a certificate of design and manufacturing conformance, prepared and sealed by a Professional Engineer.
- 5. Provide all Manufacturer's warranties and dealer's certifications. 6. Metal building manufacturer shall provide a written weathertightness warranty for a max. of 25 years against leaks in standing seam roof panels.

## MANUFACTURER:

## Dean Steel Building Inc., or approved equal.

- 1. Structure to be designed to meet all the requirements of the FBC 2023 and meet
- the wind load of 150 mph designed for a B zone. 2. Wind Pressure Coefficients and the design pressures shall be applied in accordance
- with the 2023 FBC, 8th Edition.

### 3. Roof system to be designed to meet a live load to be 25 lb/sf. STRUCTURAL STEEL FRAMING SYSTEM:

- I. Design of Structural System: Clear or mutli-span rigid frame with straight columns and roof beams with gable roof.
- 2. Roof slope to be 2 inches in 12 inches 3. Structural Mill Sections or Welded-up Plate Sections: Designed in accordance w/ AISC.
- 4. Cold-formed Steel Structural members to be deisgned in accordance w/ AISI n American
- 5. Structural Sysytem: Designed in accordance w/ 2023 FBC 8th Edition and related county requirements.
- A. Rigid Frames: Welded-up plate section columns \$ roof beams, complete w/necessary splice plates for bolted field assembly
- B. Endwall Structural members: Cold-formed channel members designed in accordance w/ AISI N. Aamerican Specifications.
- 7. Secondary Structural Members: A. Purlins & truss purlins
- B. Eave Members
- C. Girts D. Bracing
- 8. Welding: Welding procedures, operator qualifications, & quality standards as per AWS DI.I 9. Painting of Structural Steel Framing System: All steel members to be clean in accordance

w/SSPC-SP2 and factory primed w/ manufacturer's requirements

### 10. Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

- METAL ROOF SYSTEM:
- I. Metal Roof System to be Dean Steel Bldg. "PV"- PROVR roof panel & "PL" PROLOK roof panels or approved equal, see elevations for location. 2. ProVR 16" Panel Material & Finish to be 24 gauge steel coated both sides w/ layer of acrylic-coated Kynar fininish with colors to be selected by Owner. PROLOK 24" Panels to be 24 gage steel
- Galvalume aluminum-zinc alloy applied by continuous hot-dip method. Apply clear acrlic film 3. Installation of metal roof panel as per manufacturer's recommendations

4. Supply all materials, fasteners, and end caps necessary to complete to job as required

## METAL WALL PANELS:

by the manufacturer.

- I. Metal wall panels to be Dean Steel Bldg. "R-12" Rib Twelve wall panel or approved equal. 2. Wall panel design in accordance w/ SISI N American Specifications for the design of Cold-Formed Steel Structural Members.
- A. 36 inches wide w/ interlocking joints.
- B. 26 gauge galvanized steel, ASTM A653, G90.
- D. Panel exterior: Pre-finished w/ Butler-cote finish system, full-strength, 70% "Kynar 500" or "hylar 5000" fluoropolymer (PVDF) coating.

E. PVDF coating warranty to be 25 years standard warranty from the b metal building MFR.

4. Acrylic-translucent panels intergrated into the R-12 panel design for clearstory lites. 5. Color to be selected by the Owner from the standard colors by the Mfr.

6. Supply all materials, fasteners, and end caps necessary to complete to job as required

## **ROOF & WALL INSULATION**

- I. Laminated Fiberglass: Owens-Corning Fiberglass, NAIMA 202 "Certified R" metal bldg. Insul.
- 2. Back-Fill InsulaTION: Owens-Corning Fiberglass unfaced Pink Mtl. Bldg. Insulation Plus".
- 3. Roof Insulation: Nominal thickness 6 & 6 inches, w/R-Value : 38.
- 4. Wall Insulation: Nominal thickness 4 inches, w/R-Value 13, vimyl faced. 5. ProLOK-24 roof system height 9" lower layer R-19" (6") Upper layer R-19 (6") vinyl faced = total R-38.
- 6. Install all insulation in accordance with manufacturer's recommendations and requirements.

## **ELECTRICAL NOTES:**

- I. CONTRATCOR TO MAKE NECESSARY ARRANGEMENTS W/ LOCAL POWER CO.
- FOR TEMPORARY POWER AND PERMANENT METER.
- 2. CONTRACTOR SHALL PROVIDE A SOURCE OF CONSTRUCTION ELECTRICAL POWER. 3. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELETRICAN.
- 4. ALL ELECTRICAL WORK SHALL HAVE A ONE YEAR WARRANTY 5. ELECTRICAL WORK SHALL COMPLY W/ NFPA 70 (2017, NATIONAL ELECTRICAL CODE, FOR ALL PROPOSED ELECTRICAL WORK. ELECTRICAL WORK MAY INCLUDE, BUT NOT LIMITED TO THE FOLLOWING: INSTALLATION OF ELECTRICAL METER
- & MAIN PANEL AND WIRING FOR HVAC EQUIPMENT. 6. GROUNDING SHALL CONFIRM TO ARTICAL 250 OR THE NEC.
- 7. ELECTRICAL CONTRACTOR TO BE RESPONSIBLE FOR THE SIZING & FUNCTIONING OF THE PANELS & ALL WIRING, SWITCHES, FIXTURES, ETC. AND TO BRING BLDG. INTO COMPLIANCE TO CURRENT CODES & REQUIREMENTS OF OKALOOSA COUNTY.
- 8. SEE ELECTRICAL DRAWINGS FOR COMPLETE REQUIREMENTS AND EQUIPMENT TO BE INSTALLED.

- 9. THE MAIN FEEDERS SHALL BE INSTALLED IN GALVANIZED OR SHERARDIZED HEAVY WALL CONDUIT BRANCH CIRCUITS TO BE RUN IN EMT. ALL CONDUIT TO BE I/2" MINIMUM UNLESS
- OTHERWISE SPECIFIED. IO. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY SQUARE D OR APPROVED EQUAL.
- II. OWNER TO PROIDE TELEPHONE EQUIPMENT FOR FIRE ALARM CONNECTION FIRE STATION. 12. EQUIPMENT TO BE SIZED BY SUPPLIER OF EQUIPMENT.

- 13. ALL CONDUIT BELOW GRADE SHALL BE A MINIMUM I" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" IN AREAS NOT SUBJECT TO VEHICULAR TRAFFIC. INSTALL SEPERATE GREEN GROUND WIRE IN ALL PYC CONDUIT.
- 14. MAIN GROUND ROD SHALL BE 3/4" X 10' COPPER CLAD STEEL ROD. 15. GROUND GRID SYSTEM SHALL TIE TO COLD WATER PIPING.

### 16. ALL CONDUIT ABOVR GRADE LOCATED OUTSIDE OR UNDERNEATH BLDG. SHALL BE MINIMUM 3/4" SCHEDULE 40 PVC. PLUMBING NOTES:

- **GENERAL**
- I. ALL PLUMBING WORK & MATERIAL SHALL CONFORM TO THE LATEST ADOPTED CODE IN EFFECT IN OKALOOSSA COUNTY \$ 2023 FPC 8th EDITION.
- 2. REFER TO PLUMBING PLANS FOR FULL DESIGN, NOTES, SCHEDULES, & DETAILS. 3. ALL HOT AND COLD WATER SUPPLY PIPING TO BE COPPER. 4. ALL DRAIN, WASTE, & VENT PIPING TO BE SCHEDULE 40 PVC
- 6. ALL INSTALLED WASTE & SUPPLY LINES WILL BE PRESSURE TESTED & INSPECTED IN ACCORDANCE W/ CODE REQUIREMENTS.

5. SLOPE ALL WASTE LINES MINIMUM I/8" PER FOOT, UNLESS OTHERWISE NOTED.

7. PLUMBING CONTRACTOR WILL PERFORM HIS WORK IN ACCORDANCE W/ ALL

## ACCEPTABLE OSHA STANDARDS AND REQUIREMENTS.

## MECHANICAL NOTES

- I. REFER TO MECHANICAL PLANS FOR FULL DESIGN, NOTES, SCHEDULES, & DETAILS. 2. ALL VENTIALLATION SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE W
- 3. UTILITIES SHALL COMPLY W/ THE PROVISIONS OF SEC. 9.1, LIFE SAFETY CODE. 4. EXECUTE ALL WORK ACCORDING TO ALL CODES & ORDINANCES. PAY FOR ALL
- 5. ALL MECHANICAL INSTALLATIONS MUST MEET COMMERCIAL STANGARDS INCLUDING VENTAILATION, WATER HEATING, DUCTWORK, ETC.
- 6. GUARANTEE ALL LABOR & MATERIAL FOR ONE YEAR FROM DATE OF ACCEPANCE. 7. VISIT THE SITE TO BE FAMILIAR W/ ALL VISIBLE CONDITIONS. NO COMPENSATION

### WILL BE ALLOWED FOR FAILURE TO OBSERVE EXISTING CONDITIONS. 8. MAKE ARRANGEMENTS FOR SEWER & WATER CONNECTIONS REQUIRED BY THE CITY,

9. DO ALL FRENCHING, EXCAVATING, & BACK FILLING REQUIRED FOR COMPLETION OF THE WORK. COMPLIANCE UNDER ALL STATE AND LOCAL CODES & ORDINANCES.

### AND SERVICE MANUALS. FURNISH APPROVED OPERATING INSTRUCTIONS AND INSTRUCT OWNER IN CARE AND OPERATION OF ALL EQUIPMENT.

PERMITS AND PROVIDE FOR ALL INSPECTIONS.

INCLUDING ALL COST AND FEES.

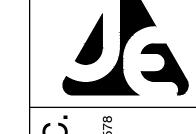
MECHANICAL & ELECTRICAL GENERAL NOTES I. ALL MATERIAL SHALL BE NEW AND SHALL CONFORM W/ THE STANDARDS OF UNDERWRITER'S LABORATORY IN EVERY CASE WHERE SUCH A STANDARD

IO. PROVIDE OPERATING AND MAINTENANCE INSTRUCTIONS INCLUDING WIRING DIAGRAMS

HAS BEEN ESTABLISHED FOR THE PARTICULAR TYPE OF MATERIAL IN QUESTION. 2. THE INSTALLATION SHALL COMPLY W/ ALL LAWS APPLYING TO WORK EFFECT W/ THE REGULATIONS OF THE NEC. THE CONTRACTOR SHALL OBTAIN & PAY ALL NECESSARY PERMITS AND FEES & FURNISH THE OWNER CERTIFICATIONS OF FINAL INSPECTIONS & APPROVAL AS ISSUED BY THE COUNTY BUILDING DEPT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY

## CERTIFICATES OF INSPECTION AND CERTIFICATE OF OCCUPANCY.

- **ALARM SYSTEM NOTES:**
- I. FIRE ALARM SYSTEM TO MEET THE FOLLOWING: 2. PROVIDE A FIRE ALARM SYSTEM IN ACCORDANCE W/ IOI: 7-6. 3. VISUAL ALARM SYSTEM REQUIRED (ADA-AG) APPLIANCE SHALL BE SPACED IN
- ACCORDANCE W/ FIGURE 6-4.4.1(a) & (b), OF THE LIFE SAFETY CODE.
- 4. FIRE DEPARTMENT NOTIFICATION SHALL BE ACCOMPANIED IN ACCORDANCE W/ 7-6.4. 5. WHEN CENTRAL CONTROL EQUIPMENT IS LOACTED IN AREAS THAT ARE NOT CONTINUOUSLY OCCUPIED, AUTOMATIC FIRE DETECTORS SHALL BE PROVIDED AT EACH LOCATION TO PROVIDE WARNING FO FIRE AT THESE LOCATIONS.



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ARCHITECTURE PROJECT NOTES, INDEX OF DRAWINGS LIVE SAFETY PLAN CONCESSION BLDG LIVE SAFETY PLAN RECREATION BLDG FLOOR PLAN CONCESSION BLDG A4.2 FLOOR PLAN RECREATION BLDG FINISH AND OPENING SCHEDULES

A5.2 DOOR AND WINDOW DETAILS RESTROOM PLAN AND ELEVATIONS INTERIOR ELEVATIONS INTERIOR ELEVATIONS

REFLECTED CLG PLAN CONCESSION BLDG REFLECTED CLG PLAN RECREATION BLDG A8.2 ROOF FRAMING PLAN CONCESSION BLDG ROOF FRAMING PLAN RECREATION BLDG EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS

BUILDING SECTION WALL SECTIONS Al2.2 WALL SECTIONS WALL SECTIONS Al2.3 ELEVATOR SECTIONS

STAIR SECTIONS

## STAIR SECTION AND DETAILS

Al0.2

AI0.3

Al3.2

52.I

52.2

NOTES & SPECIFICATIONS SI.0 FOUNDATION PLAN CONCESSION BLDG 2ND FLOOR FRAMING PLAN CONCESSION BLDG ROOF FRAMING PLAN CONCESSION BLDG SI.3 FOUNDATION PLAN REC BLDG S2.0 STRUCTURAL DETAILS

FOUNDATION & FRAMING DETAILS

FOUNDATION & FRAMING DETAILS

### EO.I NOTES & SCHEDULES

ELECTRICAL SITE PLAN E2.I LIGHTING PLANS CONCESSION BLDG LIGHTING PLAN REC BLDG E2.2 E3.I POWER PLANS CONCESSION BLDG E3.2 POWER PLAN RES BLDG

PANEL SCHEDULES

ELEC. DETAILS

## MECHANICAL HVAC PLANS CONCESSION BLDG

E4.0

E5.0

MI.2

M2.I HVAC DETAILS SCHEDULES PLUMBING

HVAC PLAN REC BLDG

PLUMBING PLAN REC BLDG

PLUMBING PLANS CONCESSION BLDG

WATER PIPING PLAN REC BLDG

WATER PIPING PLAN REC BLDG

WATER PIPING PLAN CONCESSION BLDG

SCHEDULES AND & PLUMBING DETAILS

ARCHITECTS/PLANNERS

AR 0011375

14346 SANDARAC DRIVE

BOKEELIA, FLORIDA 33922

(850)-496-5735

THIS DRAWING IS THE PROPERTY OF JENKINS ENGINEERING, INC. AND IS NOT TO BE REPRODUCED WITHOUT EXPRESSED WRITTEN CONSENT

DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL

ADJUST SCALES ACCORDINGLY DRAWING NUMBER

NO SEAL IS SHOWN CLICK TO CHANGE

BL. FL(

02/20/24

IF NOT ONE INCH ON THIS SHEET

SHEET NUMBER

RESTROOM & CONCESSION BUILDING

FFPC 2023 8TH EDITION FBC 2023 - 8TH EDITION

N.F.P.A. | & |0| - 20|8 EDITION

OCCUPANCY: PER SECTION 1004 BUSINESS, GROUP "B" ASSEMBLY- GROUP "B"

CONSTRUCTION TYPE: TYPE V-B, COMBUSTIBLE (FBC 2023) OCCUPANT LOAD:

BUSINESS RESTROOMS BY FIXTURES. 14 FIXTURES = 14 PEOPLE BUSINESS 360 Sq Ft 150 Sq Ft /PERSON = 3 ASSEMBLY- GROUP "B"

727 Sq Ft 15 Sq. Ft /PERSON = 48 TOTAL = 65 PEOPLE MINIMUM NUMBER OF EXITS:

3 PROVIDED DEAD END CORRIDOR: PER SECTION 1020.5 20'-0" - NON SPRINKLERED

PER SECTION 1006.3.1

3 REQUIRED

TRAVEL DISTANCE TO EXIT: PER SECTION 1016 TABLE 1017.2

EXIT CAPACITY: PER SECTION 1006 65 PEOPLE X .3 = 19.5" REQUIRED 180" PROVIDED

150'-0" - NON-SPRINKLERED

EXIT WIDTH: MINIMUM WIDTH REQUIRED = 44" MINIMUM WIDTH PROVIDED = 44"

SEPERATION and PROTECTION FROM HAZARDS:

FIRST TO SECOND FLOOR STAIRS & ELEVATOR SHAFT ENCLOSURE I HOUR RATED MEETING SEC. 707 FIRE BARRIER FIRST TO SECOND FLOOR FLOOR SEPERATION

ILLUMINATION OF MEANS OF EGRESS: PER SECTION 1008 FBC 2023 EMERGENCY LIGHTING:

PER SECTION 1008.2 INTERIOR FINISHES WALL AND CEILING: PER SECTION 1210.2.2 EXIT AND EXIT CORRIDORS: CLASS A or B

OTHER AREAS: CLASS A, B or C INTERIOR FINISHES AT FLOOR: PER SECTION 1210.2 EXITS - CLASS I OR 2 RESTROOMS - CLASS | OR 2

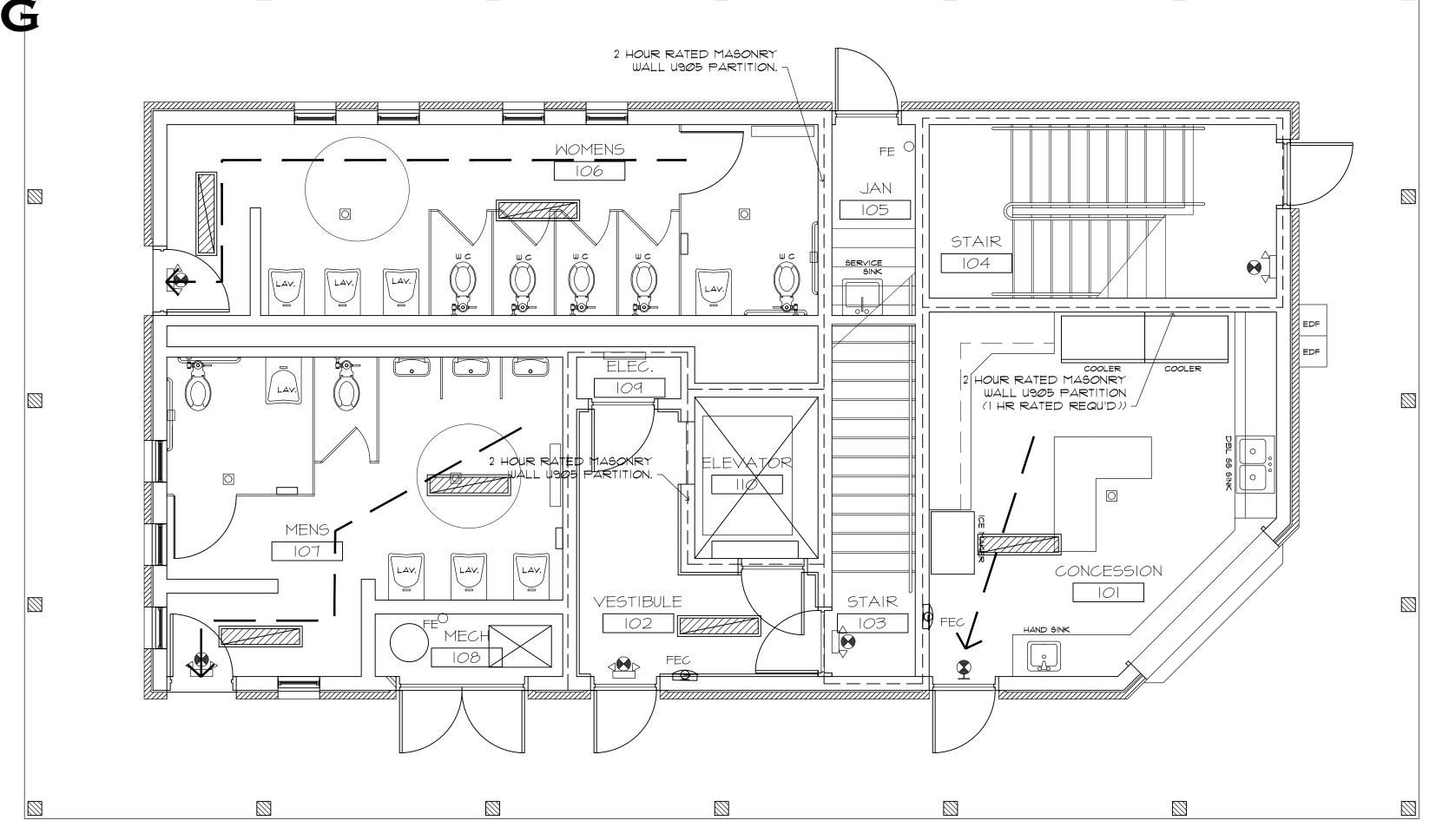
DETECTION, ALARM AND COMMUNICATIONS SYSTEMS: ALARM SYSTEM IS <u>NOT</u> REQUIRED AS PER FBC 2023, SECTION 907

EXTINGUISHMENT REQUIREMENTS: AUTOMATIC SPRINKLER SYSTEM IS SECTION 903 NOT REQUIRED PER FBC 2023

FIRE EXTINGUISHER CABINETS ARE REQUIRED PORTABLE FIRE EXTINGUISHERS & CABINETS ARE REQUIRED SECTION 906

DOOR THRESHOLDS

THRESHOLDS TO BE AS PER FBCA 404.2.5



## HOUR RATED MASONRY WALL U905 PARTITION ( 1 HR REQ'D). HOUR RATED MASONRY | 00 | WALL 4905 PARTITION (1 AR REQ'D) -MULTI-PURPOSE 202 727 SQ FT COACHING OFFIGE 201 2 HOUR RATED MASONRY 360 SQ FT WALL U905 PARTITION (1 HR REQ'D)

# 1 LIFE SAFETY 1ST FL PLAN

RESTROOM / CONCESSION BLDG

FIRST FLOOR IST FL ENCLOSED AREA = 1,555 SQ. FT. 1ST FL PORCH AREA =1,097 SQ. FT. TOTAL IST FL AREA =2,652 SQ. FT.

SECOND FLOOR 2ND FL ENCLOSED AREA = 1,519 SQ. FT. 2ND FL PORCH AREA =1,133 SQ. FT. TOTAL 2ND FL AREA =2,652 SQ. FT.

TOTAL: TOTAL ENCLOSED AREA =3,074 SQ. FT. TOTAL PORCH AREA =2,23Ø SQ. FT. TOTAL COVERED AREA = 5,304 SQ. FT.

2 LIFE SAFETY 2ND FL PLAN



AR 0011375 14346 SANDARAC DRIVE

(850)-496-5735

ADJUST SCALES ACCORDINGLY DRAWING NUMBER BOKEELIA, FLORIDA 33922 SHEET NUMBER АЗ.

DESIGNED:

BAR IS ONE INCH ON ORIGINAL

IF NOT ONE INCH ON THIS SHEET

DRAWN:

Exhibit C4 - AE Plans/Architectural

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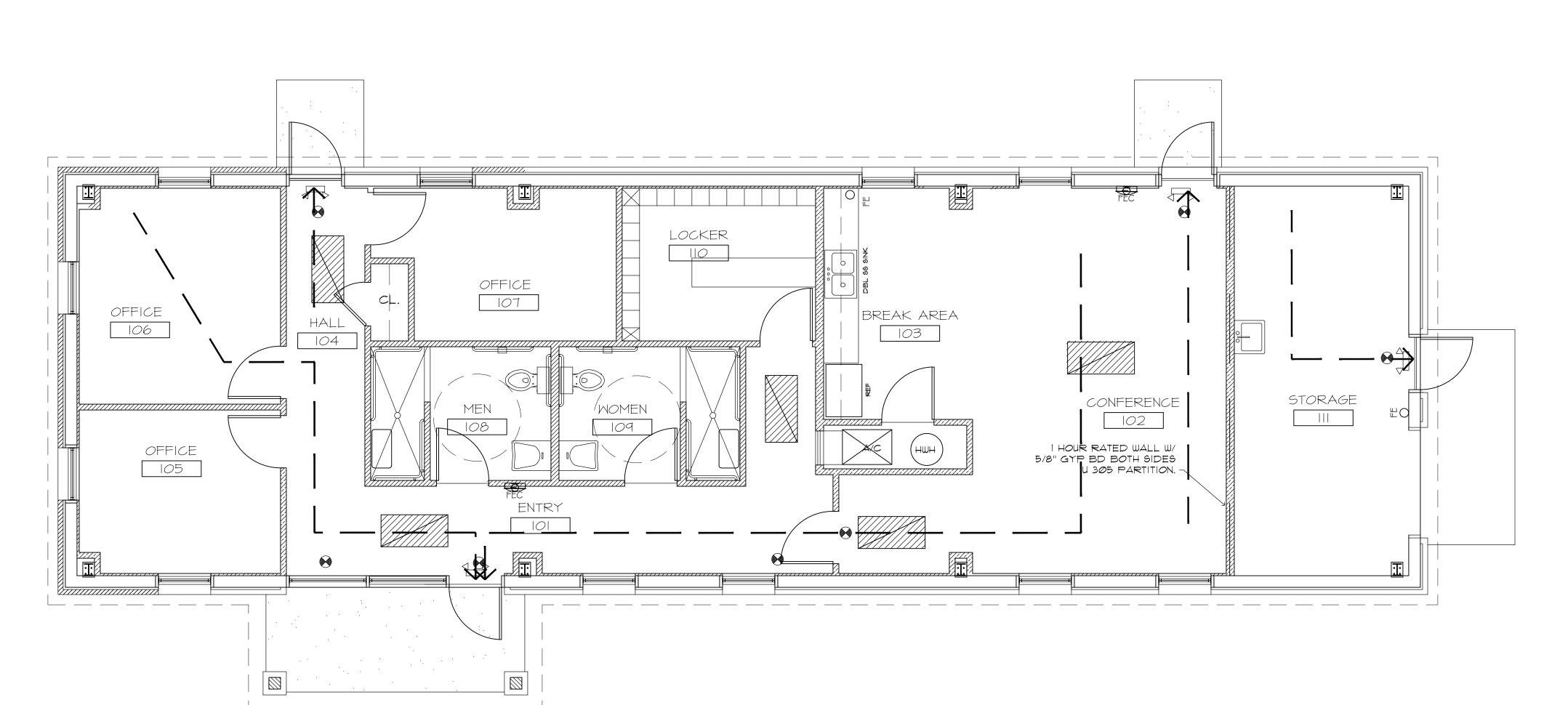
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JENKINS

1234 AIRPORT ROAD, 8
DESTIN, FLORIDA 3254
PHONE 850.837.2448
FAX 850.837.2450

NO SEAL IS SHOWN

CLICK TO CHANGE



## 1 LIFE SAFETY PLAN

## RECREATION BUILDING

CONDITION AREA =1,578 SQ. FT. STORAGE AREA = 286 SQ.FT. PORCH AREA = 89 SQ, FT, TOTAL AREA =1,953 SQ. FT.

N.F.P.A. | \$ |0| - 20|8 EDITION FFPC 2023 7TH EDITION FBC 2023 - 7TH EDITION <u>OCCUPANCY:</u>

BUSINESS CONSTRUCTION TYPE:

TYPE II B, NON-COMBUSTIBLE (FBC 2023) OCCUPANT LOAD: PER SECTION 1004

OFFICE SPACE BUSINESS (I PERSON PER 150 SF) 2,023 SF = 14 PEOPLE

MINIMUM NUMBER OF EXITS: PER SECTION 1006.3.1 2 REQUIRED 2 PROVIDED

DEAD END CORRIDOR: PER SECTION 1020.5 20'-0" - UNSPRINKLERED

COMMON PATH OF TRAVEL: PER SECTION 1006 TABLE 1017.2 100'-0" -UNSPRINKLERED

EXIT CAPACITY: PER SECTION 1006 14 PEOPLE X 4.2 = 36" REQUIRED 72" PROVIDED

SEPERATION and PROTECTION FROM HAZARDS: AREAS THAT REQUIRE I HR SEPARATION GA WPI072

ILLUMINATION OF MEANS OF EGRESS: PER SECTION 1008

EMERGENCY LIGHTING: PER SECTION 1008.2

INTERIOR FINISHES WALL AND CEILING: PER SECTION 803 EXIT AND EXIT CORRIDORS: CLASS A or B OTHER AREAS: CLASS A, B or C

INTERIOR FINISHES AT FLOOR: PER SECTION 804 EXITS - CLASS I OR 2

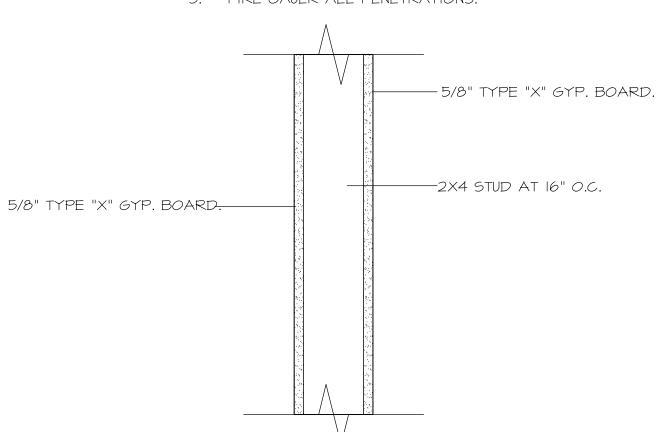
DETECTION, ALARM AND COMMUNICATIONS SYSTEMS: ALARM SYSTEM IS NOT REQUIRED AS PER FBC 2020, SECTION 907

EXTINGUISHMENT REQUIREMENTS:

AUTOMATIC SPRINKLER SYSTEM IS SECTION 903 NOT REQUIRED PER FBC 2023

PORTABLE FIRE EXTINGUISHERS & CABINETS ARE REQUIRED SECTION 906, 2023 FBC

- WALL IS U.L. DESIGN U305 I HOUR RATED WALL ASSEMBLY.
   WOOD STUDS ARE TO EXTEND FROM FLOOR TO
- 3. TYPE "X" GYPSUM BOARD IS TO EXTEND FROM
- FLOOR TO DECK ABOVE. 4. FIRE CAULK JOINT BETWEEN GYPSUM BOARD AND
- DECK ABOVE. 5. FIRE CAULK ALL PENETRATIONS.



1 HR RATED PARTITION TYPE

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



AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735

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1234 AIRPORT ROAD, SUITE 126
DESTIN, FLORIDA 32541
PHONE 850.837.2448
FAX 850.837.2450
FAX 850.729.2460 NO SEAL IS SHOWN CLICK TO CHANGE ACH P. BLVD.

• FLORIDA JOB: DATE: 02/20/24 DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL

Exhibit C4 - AE Plans/Architectural

## RECREATION BUILDING

City of FWB ITB 24-009

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER

A3.2

2. 2ND FLOOR PLAN

2ND FL PORCH AREA =1,133 SQ. FT. TOTAL 2ND FL AREA =2,652 SQ. FT.



(850)-496-5735

DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY DRAWING NUMBER

11'-3 3/4"

10'-11 3/4"

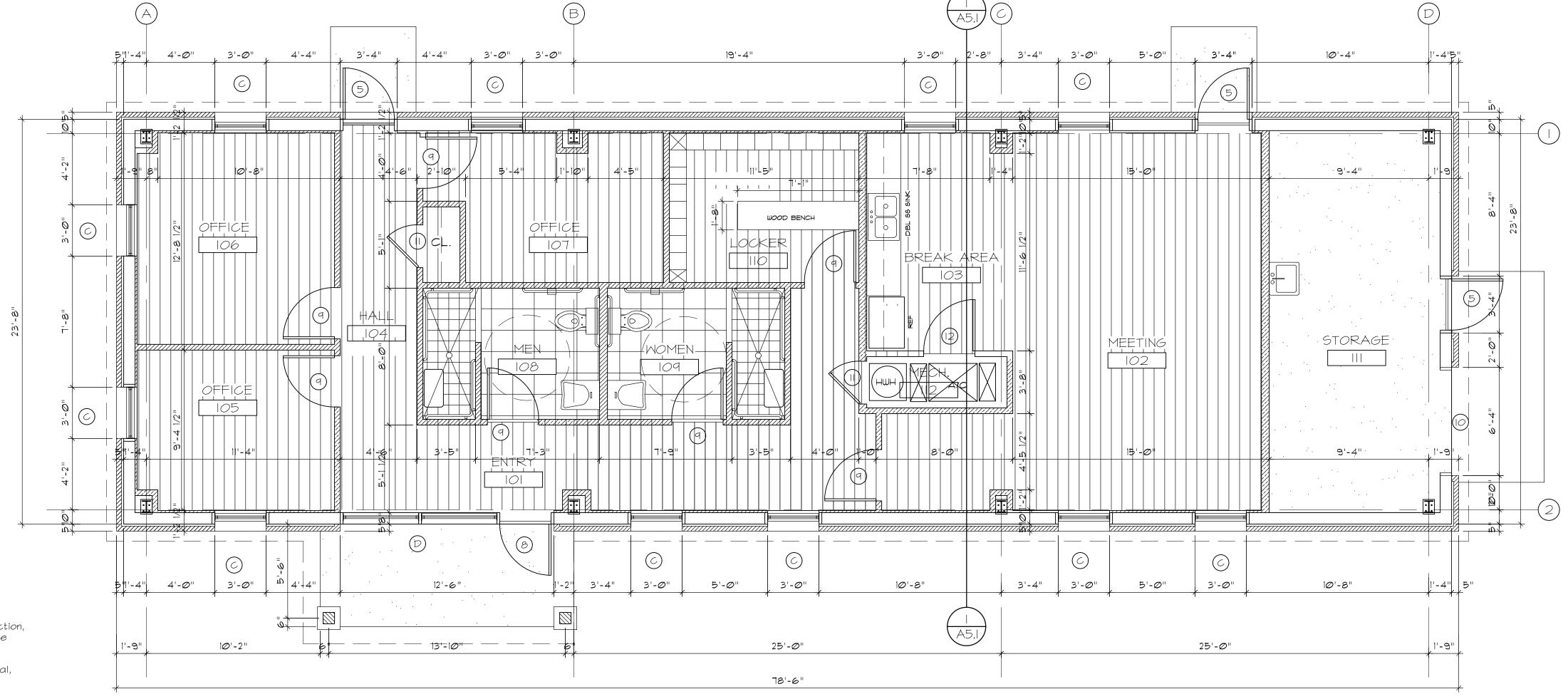
12'-7 1/2"

10'-11 3/4"

10'-11 3/4"

204

66'-7"



# 1 FLOOR PLAN

RECREATION BUILDING

CONDITION AREA =1,578 SQ. FT. = 286 SQ. FT. STORAGE AREA PORCH AREA = 89 SQ. FT. TOTAL AREA =1,953 SQ. FT.

## I. All construction to be performed in accordance with the Florida Building Code, 2023, 8th addition

**GENERAL NOTES:** 

- Florida Fire Code, 2023 8th Edition. Florida Plumbing Code, 2023 8th Edition.
- Florida Electric Code, 2023 8th Edition.
- 2. AIA Document A201, General Conditions of the Contract for Construction, 2007 Edition, shall be part of contract for any work included in these plans and specifications.
- All work shall be performed in accordance with all applicable national, state, and local codes and regulations.
- 4. Contractor shall obtain all local and state permits as required before start of construction.
- 5. The contractor shall provide any surveys, testing or engineering required to insure safe and complete construction.
- 6. Contractor shall pass all inspections and approvals as required by local authorities during course of construction. 7. Contractor shall verify all existing conditions before commencing work.
- 8. Contractor shall verify all dimensions before construction begins. Any discrepancies shall be brought to the Architects attention.
- 9. Contractor shall get all approvials from Okaloose County, FL and governing agencies prior to beginning any work.
- 10. Contractor shall keep an accurate record of all changes marked in ink on the contract documents during construction, including location of all underground utilities. Contractor shall furnish owner and architect a copy
- II. Contractor shall secure and obtain the certificate of occupancy from local authorities before final payment will be issued.
- 12. These drawings have been drawn and checked to insure a reasonable and normally acceptable degree of accuracy. However; the contractor is responsible for checking all dimensions, details and requirements of these plans and specifications prior to start of work.
- 13. The sheets in these construction documents are complementary to each other; what is called for by one shall be binding as if called for by all.
- 14. All dimensions should be read and calculated and never scaled.
- 15. All wall dimensions are taken to the face edge of the stud, unless noted otherwise.

of this record before acceptance is recorded.

16. Contractor shall ask for details whenever uncertain about methods of installation. Lack of details not requested shall not excuse improper installation and correction shall be responsibility of contractor.

# ARCHITECTS/PLANNERS AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922

(850)-496-5735

JOB:

R X ACH PARLY BLAD.

• FLORIDA DATE: 02/20/24 DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY DRAWING NUMBER SHEET NUMBER A4.2

JENKINS ENGINEERING, INC.

1234 AIRPORT ROAD, SUITE 126
DESTIN, FLORIDA 32541
PHONE 850.837.2448
FAX 850.837.2450
FAX 850.837.2450

NO SEAL IS SHOWN CLICK TO CHANGE

## RECREATION BUILDING

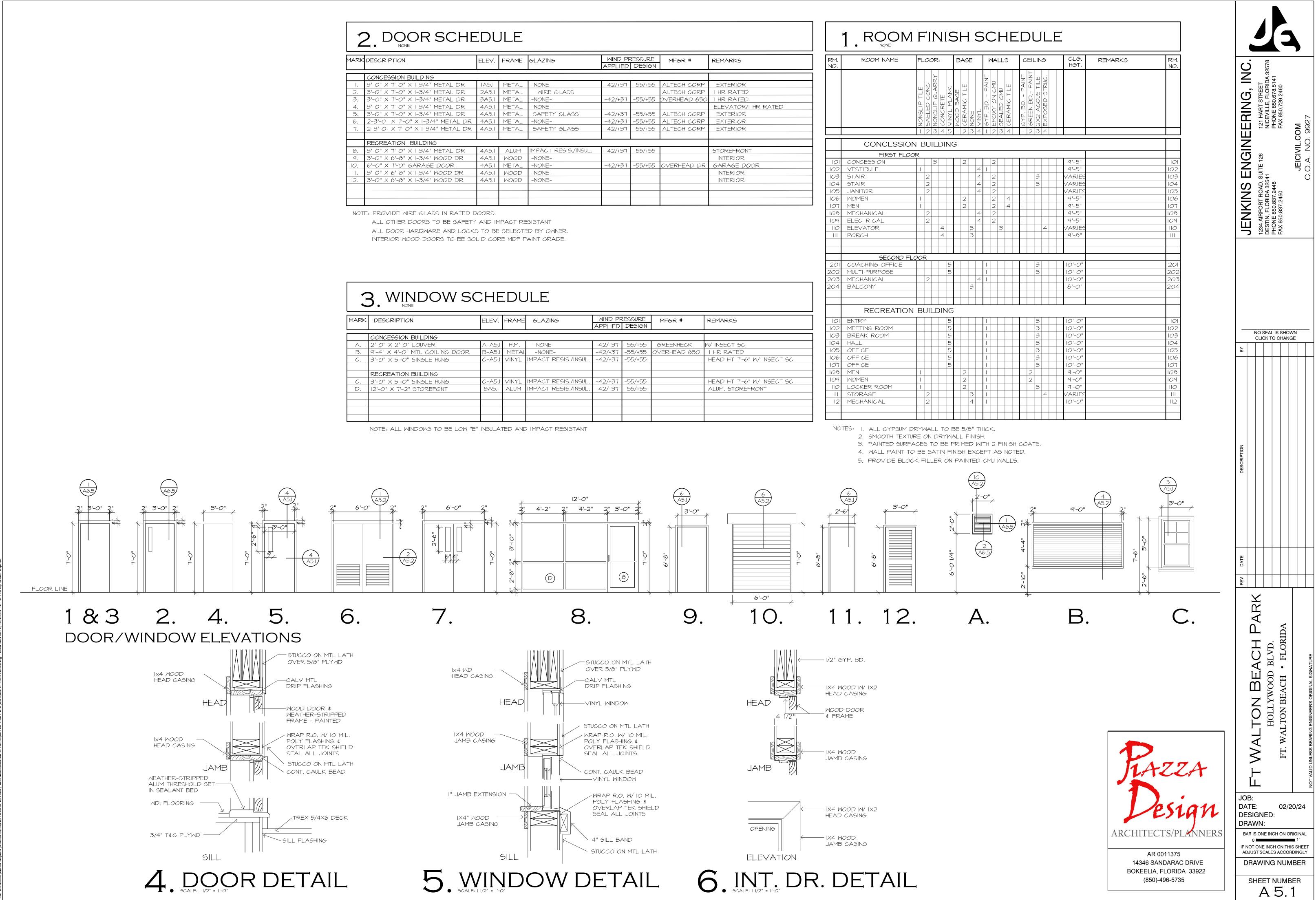


Exhibit C4 - AE Plans/Architectural

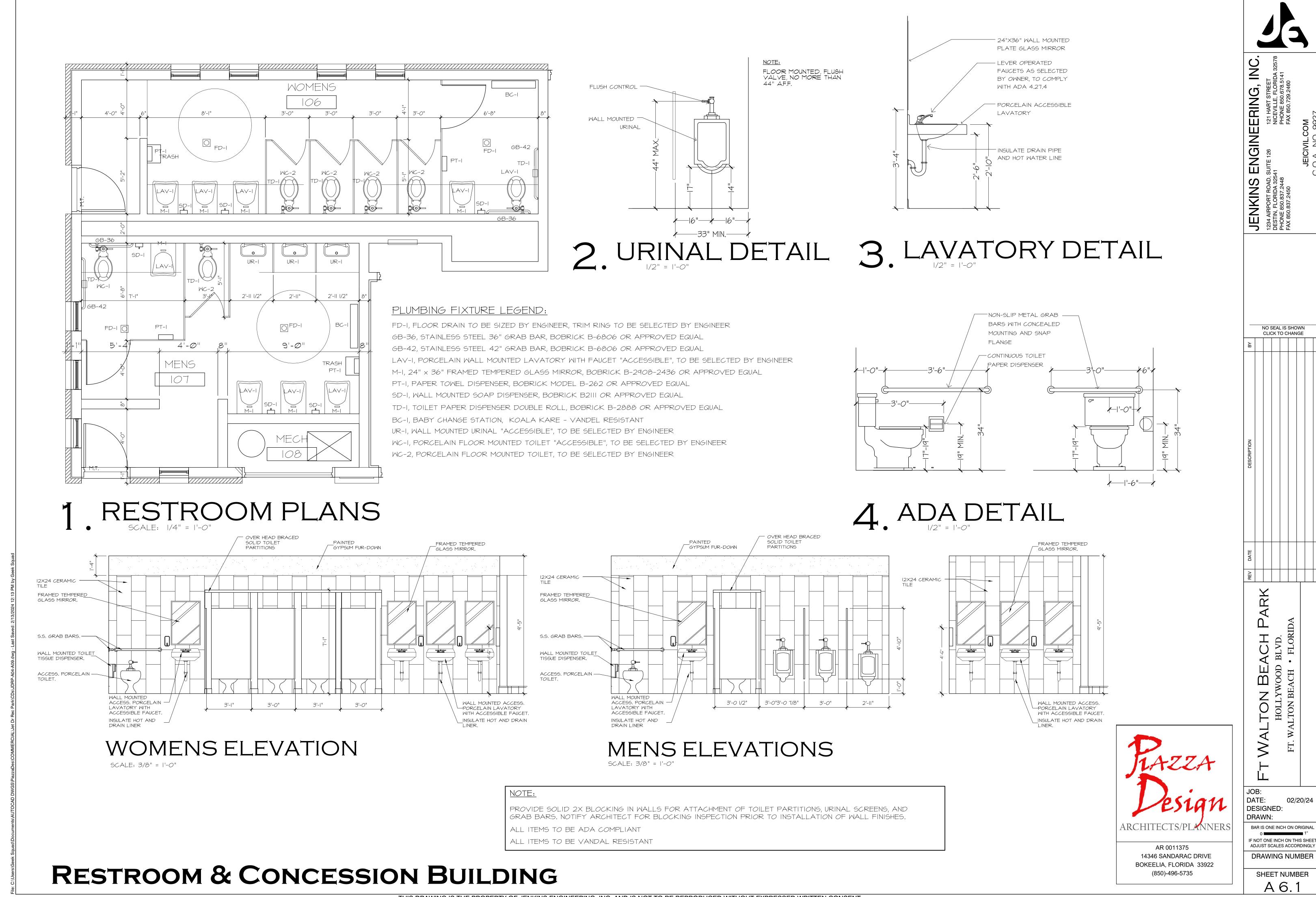
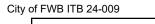
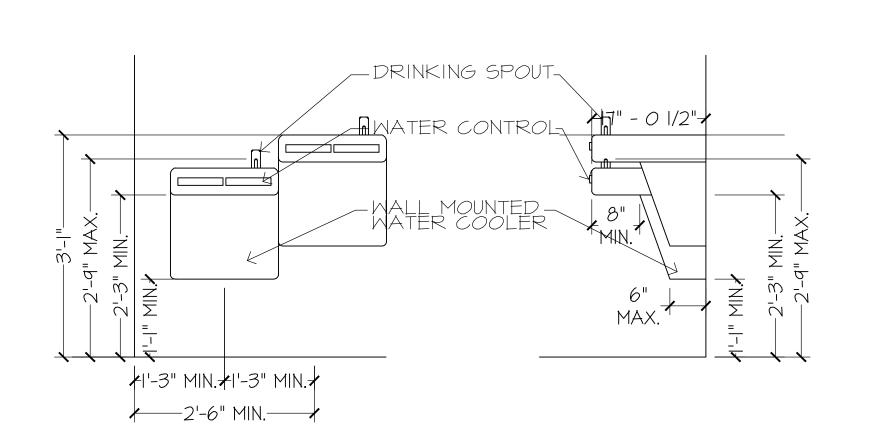
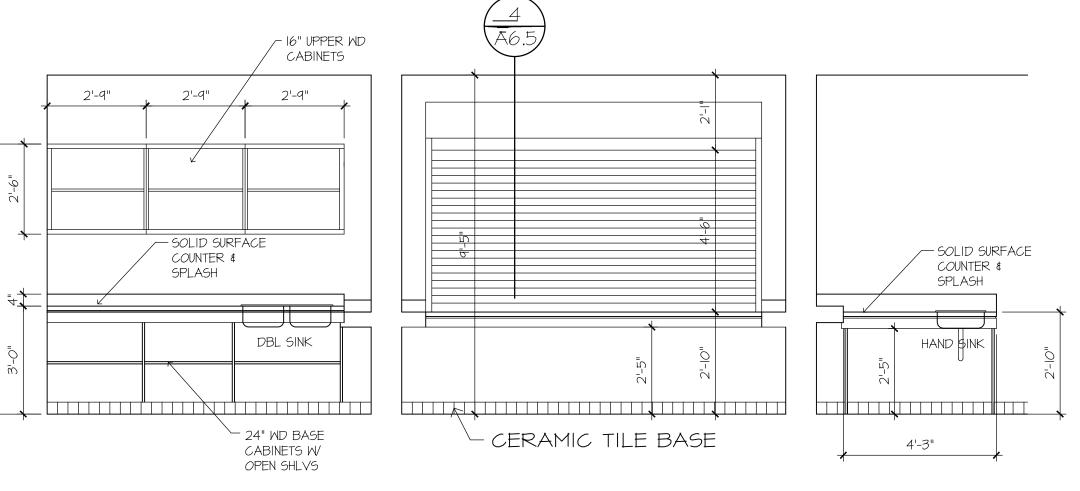


Exhibit C4 - AE Plans/Architectural

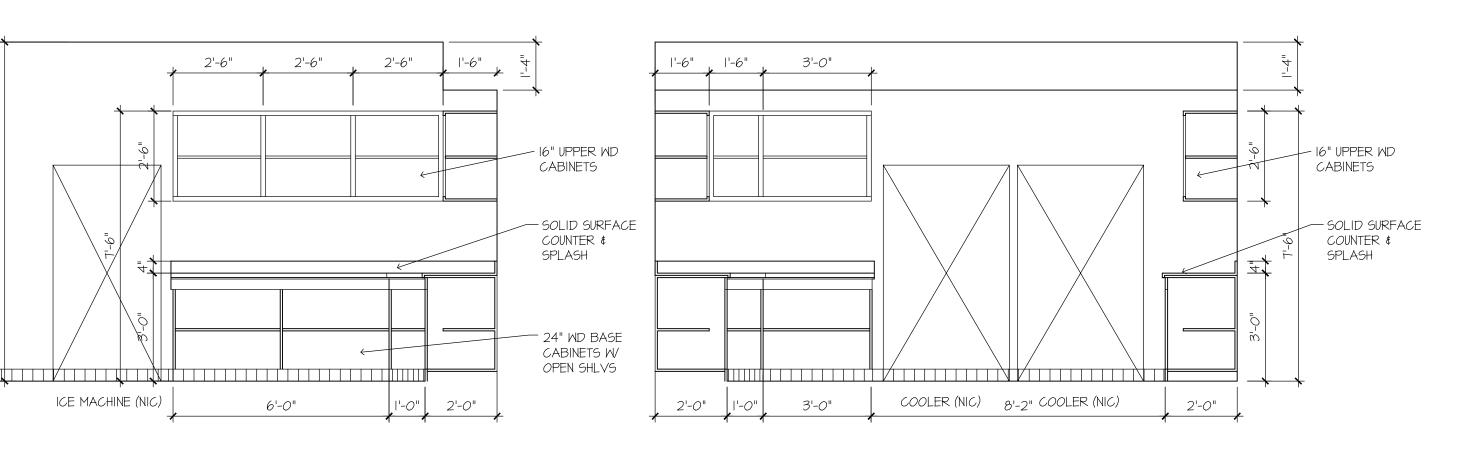




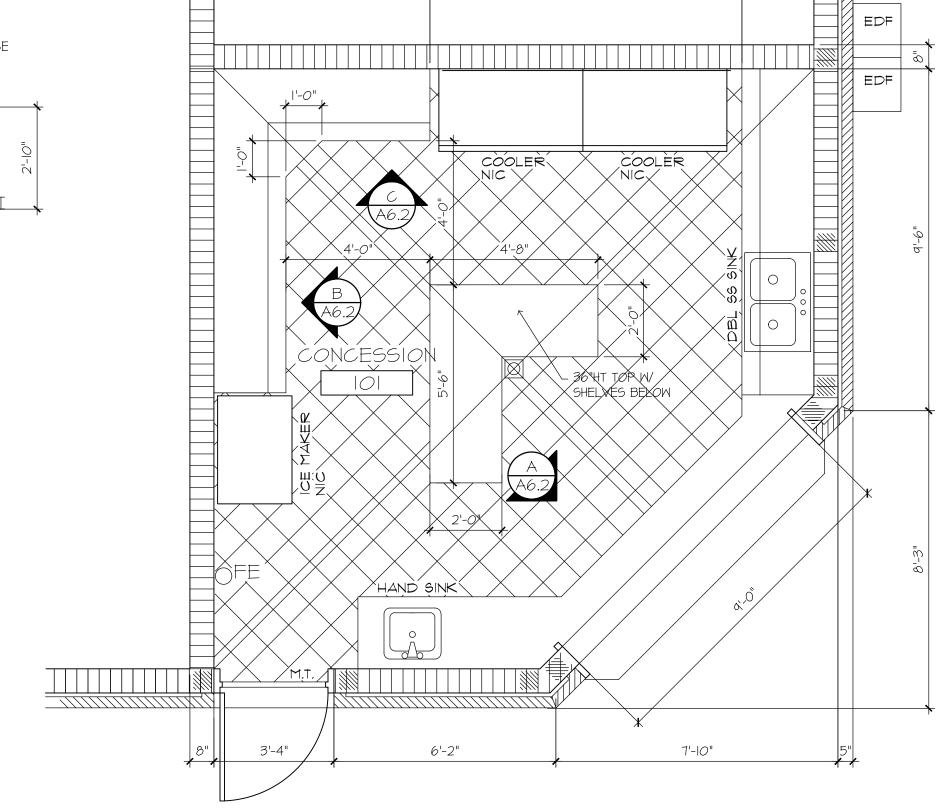
2. ADAWC DETAILS



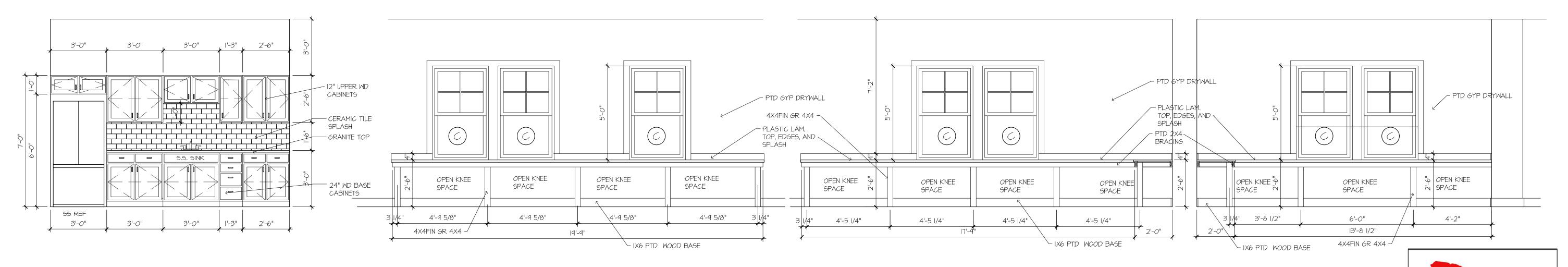
ELEVA-CONCESSION 101



ELEVB-CONCESSION 101 ELEV C



CONCESSION PLAN



BREAK RM 103

MULTI-PURPOSE RM 202

COACHING OFFICE 201 CABINETS SIMULAR

## INTERIOR ELEVATIONS

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

## RESTROOM & CONCESSION BUILDING



DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL

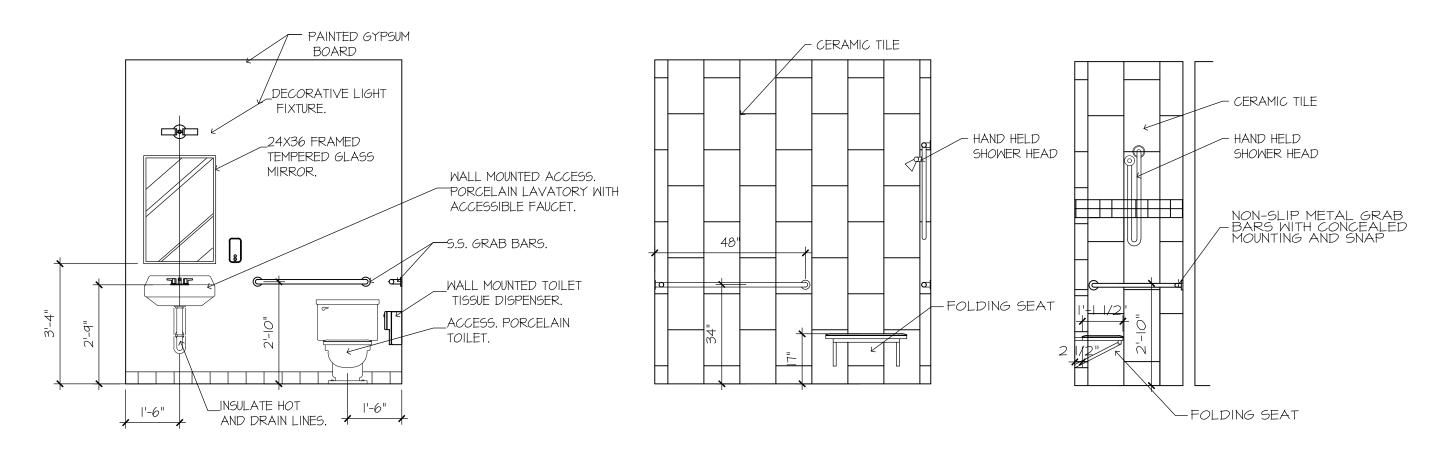
Exhibit C4 - AE Plans/Architectural

ENGINEERING, INC

JENKINS | 1234 AIRPORT ROAD, S DESTIN, FLORIDA 3254 PHONE 850.837.2448 FAX 850.837.2450

NO SEAL IS SHOWN CLICK TO CHANGE

SHEET NUMBER A 6.2

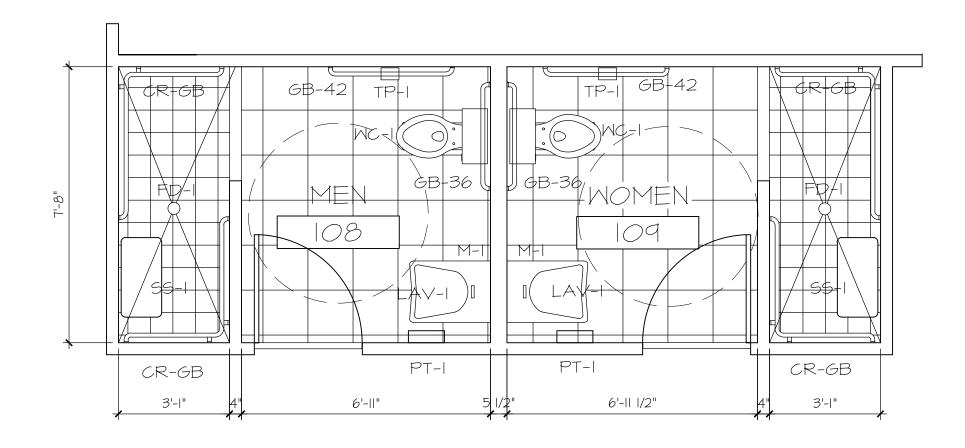


## WOMEN RESTROOM 109

MEN RESTROOM 108 OPPSIT HAND

## NOTE:

PROVIDE SOLID 2X BLOCKING IN WALLS FOR ATTACHMENT OF TOILET PARTITIONS, URINAL SCREENS, AND GRAB BARS. NOTIFY ARCHITECT FOR BLOCKING INSPECTION PRIOR TO INSTALLATION OF WALL FINISHES.



## 1 REC. BLDG. PLAN

## PLUMBING FIXTURE LEGEND:

FD-I, FLOOR DRAIN TO BE SIZED BY ENGINEER, TRIM RING TO BE SELECTED BY ENGINEER

GB-36, STAINLESS STEEL 36" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL

GB-42, STAINLESS STEEL 42" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL

CR-GB CORNER GRAB BAR, BOBRICK B-6816 STAINLESS STEEL

SS-I ADA 18" FOLDING SHOWER SEAT, BOBRICK B5191

LAV-I, PORCELAIN WALL MOUNTED LAVATORY WITH FAUCET "ACCESSIBLE", TO BE SELECTED BY ENGINEER

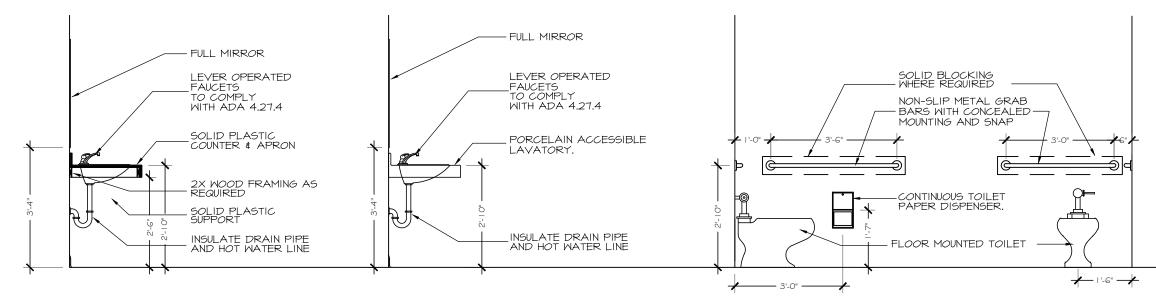
M-I, 24" x 36" FRAMED TEMPERED GLASS MIRROR, BOBRICK B-2908-2436 OR APPROVED EQUAL

PT-I, PAPER TOWEL DISPENSER, BOBRICK MODEL B-262 OR APPROVED EQUAL

SD-I, WALL MOUNTED SOAP DISPENSER, BOBRICK B2III OR APPROVED EQUAL

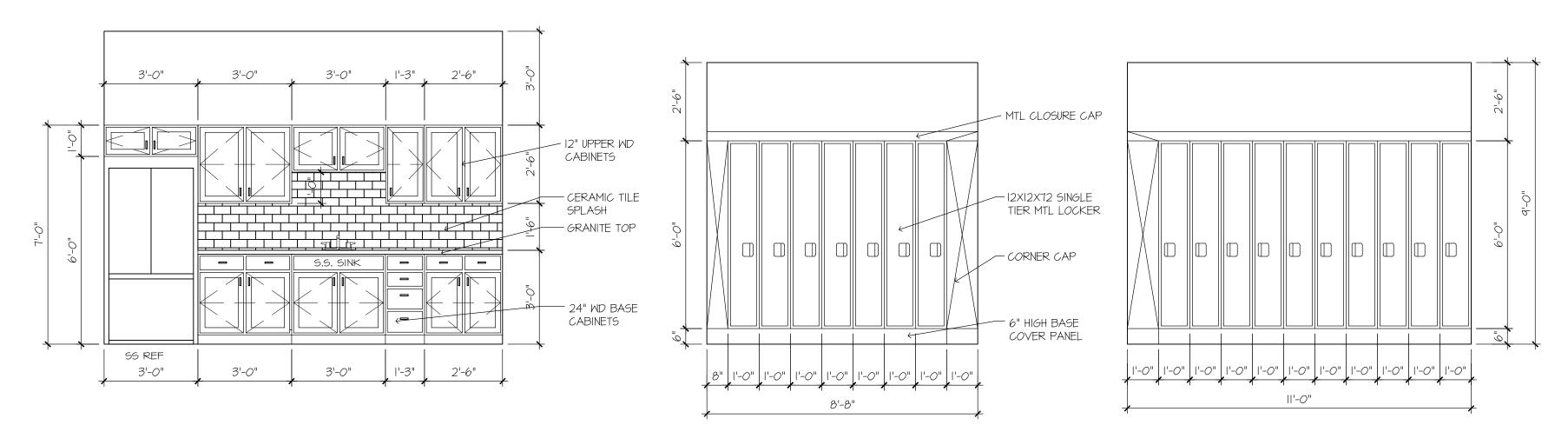
TD-I, TOILET PAPER DISPENSER DOUBLE ROLL, BOBRICK B-2888 OR APPROVED EQUAL

WC-I, PORCELAIN FLOOR MOUNTED TOILET "ACCESSIBLE", TO BE SELECTED BY ENGINEER



# 30' MIN. SPACE 1'-3' FLUSH CONTROL WALL MOUNTED WALL MOUNTED WALL MOUNTED WATER COOLER WATER COOLER WATER COOLER 17'-19' WALL MOUNTED WATER COOLER 17'-19' WATER COOLER

## ADA PLUMBING MEASUREMENTS



BREAK RM 103

LOCKER 110

## RECREATION BUILDING



AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735 JOB:
DATE: 02/20/24
DESIGNED:
DRAWN:
BAR IS ONE INCH ON ORIGINAL

VALTON BEACH PA HOLLYWOOD BLVD. T. WALTON BEACH • FLORIDA

Exhibit C4 - AE Plans/Architectural

ENGINEERING, INC. SUITE 126 121 HART STRFFT

JENKINS | 1234 AIRPORT ROAD, S DESTIN, FLORIDA 3254 PHONE 850.837.2448 FAX 850.837.2450

NO SEAL IS SHOWN

CLICK TO CHANGE

BAR IS ONE INCH ON ORIGINAL

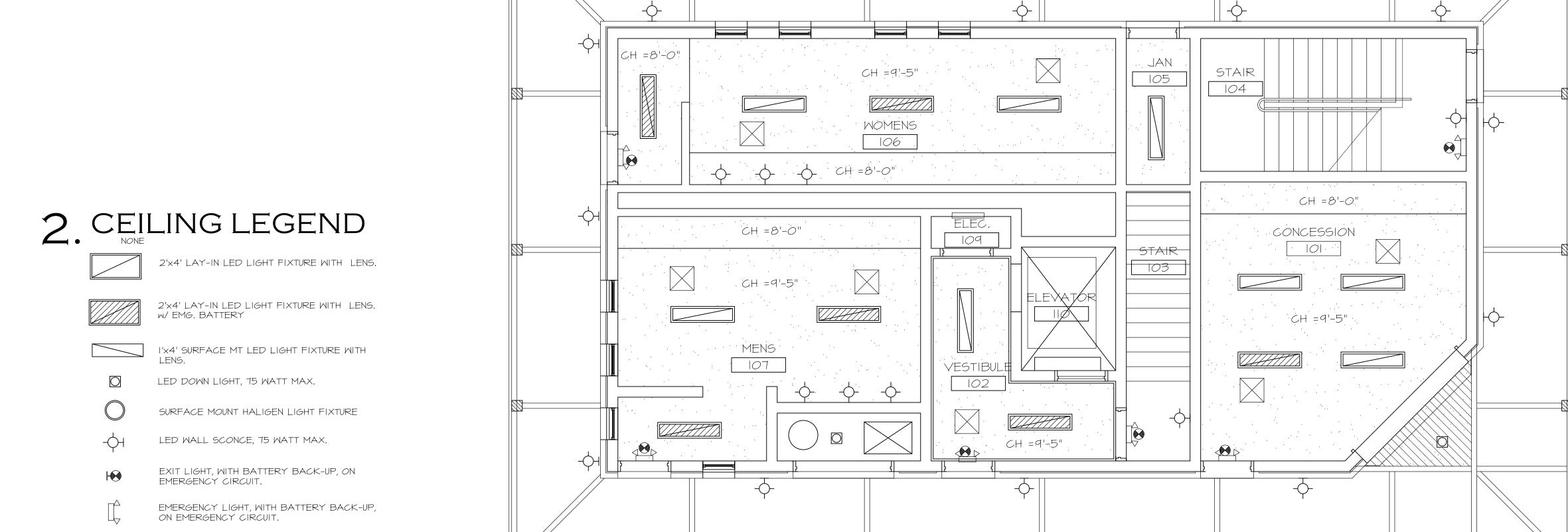
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IF NOT ONE INCH ON THIS SHEET
ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER A 6.3

RESTROOM & CONCESSION BUILDING



# CH =8'-0' CH =8'-0' 201 MULTI+PURPOSE CH =8'-0' CH = 10'-0' CH = 8' - 0'

## 1ST FL REFLECTED CLG PLAN

## RESTROOM / CONCESSION BLDG

## **GENERAL NOTES:**

- Ceiling tile to be 24'x24'x1" Armstrong "Optima" acousical tile square lay-in with beveled edges, or approved equal.
- 2. Suspended metal grid factory painted white.
- 4. Contractor shall provide additional hanging wires at all light fixtures as called for by code.
- 5. Draft stops shall be installed as per county and state codes.

3. Suspended gypsum wallboard to be 2 layers 5/8" type "X"

6. Concealed insulation shall have a flame spread of 0-75 and a smoke development factor of 0-450.

## 2.2ND FL REFLECTED CLG PLAN



Exhibit C4 - AE Plans/Architectural

ENGINEERING, INC

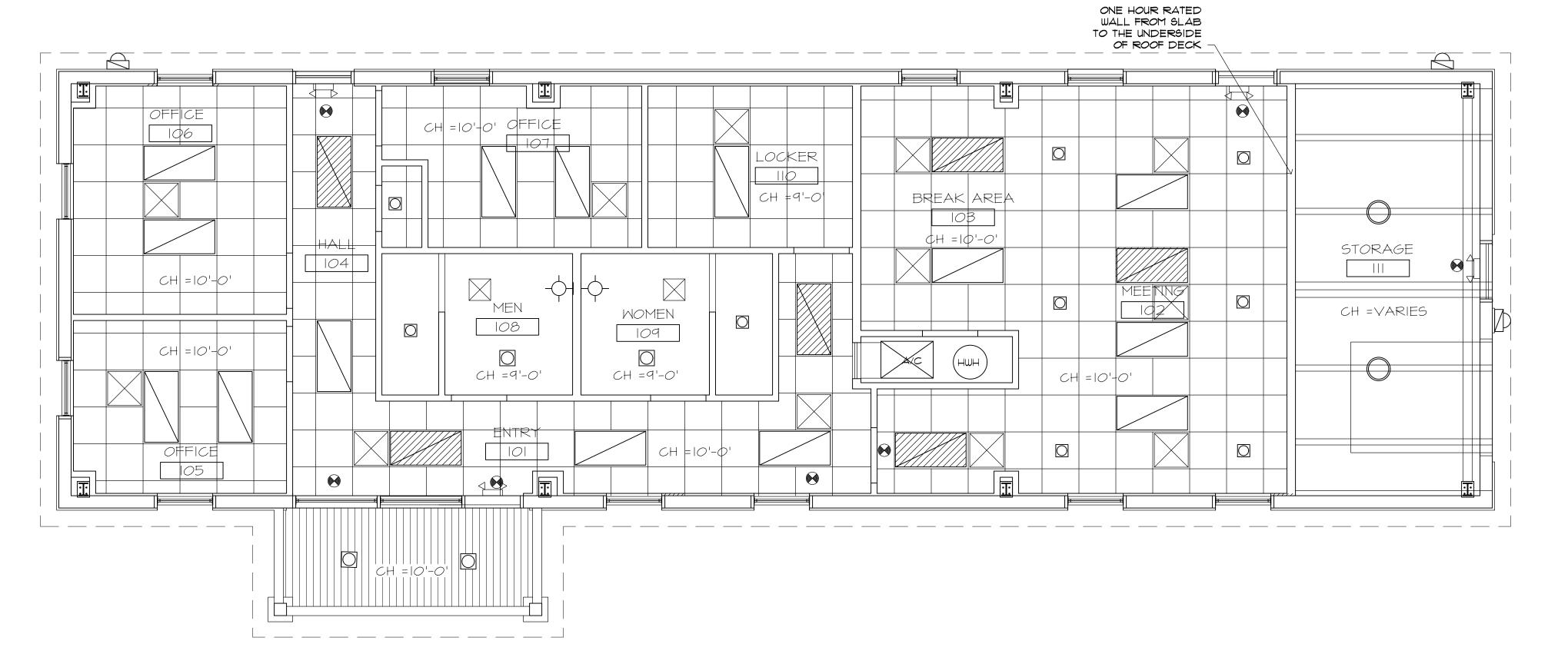
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ACH P. BLVD.
• FLORIDA

DESIGNED: DRAWN:

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SHEET NUMBER A 8.1

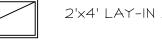


## 1 REFLECTED CEILING PLAN

## **GENERAL NOTES:**

- I. Ceiling tile to be 24'x24'xI" Armstrong "Optima" acousical tile square lay-in with beveled edges, or approved equal.
- 2. Suspended metal grid factory painted white.
- 3. Suspended gypsum wallboard to be 5/8" moisture resistant type, on metal grid.
- 4. Contractor shall provide additional hanging wires at all light fixtures as called for by code.
- 5. Draft stops shall be installed as per county and state codes.
- 6. Concealed insulation shall have a flame spread of 0-75 and a smoke development factor of 0-450.

## 2. CEILING LEGEND



2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS.



2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS.



LED DOWN LIGHT, 75 WATT MAX.

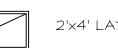


SURFACE MOUNT HALIGEN LIGHT FIXTURE





EMERGENCY LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.









LED WALL SCONCE, 75 WATT MAX.

EXIT LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.

ARCHITECTS/PLANNERS

AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735

VALTON BEACH PA HOLLYWOOD BLVD. T. WALTON BEACH • FLORIDA JOB: DATE: DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER A 8.2

JENKINS ENGINEERING, INC.

1234 AIRPORT ROAD, SUITE 126
DESTIN, FLORIDA 32541
PHONE 850.837.2448
FAX 850.837.2450

NO SEAL IS SHOWN CLICK TO CHANGE

RECREATION BUILDING

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NGIN

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N N N

NO SEAL IS SHOWN

CLICK TO CHANGE

larger than the rafters.

2. All lintels to be min. 2-2x10 at doors and windows, unless otherwise noted.

4. All ridge and valley rafters shall be at least one nominal size

5. Wood beams to be #1 Structural Grade S.Y.P.

6. All bolted connections to be extra strength A-307 bolts.

7. All plywood sheathing to be 5/8" exterior grade - bottom to be P.T. (lay @ 4'-0" o.c. vert.)

8. All bottom plates to be pressure treated lumber, when in contact with concrete.

9. Hurricane anchors to be installed at every rafter aligned with ceiling joist, Simpson #H-10.

10. All exposed floor framing and floor beams to be treated.

II. Wood decking to be 5/4x6 #2 SYP treated with I/8" gap between boards, screwed with ceramic coated 2" deck screws.

12. All exposed framing to be treated.

13. 1/2" continuous bead caulking shall be applied under all exterior plates.

14. All sheathing plywood to be nailed at 4" o.c. around the outside and 6" in the field.

15. Provide "Ty-vek" sheathing on all exterior walls.

16. Wood studs shall be #2 SYP nailed and strapped to sole plate and header plate.

17. Double joist under exterior walls.

18. Approved galvanized metal corner bracing shall be installed on all outside corners, and shall cover top and bottom plates.

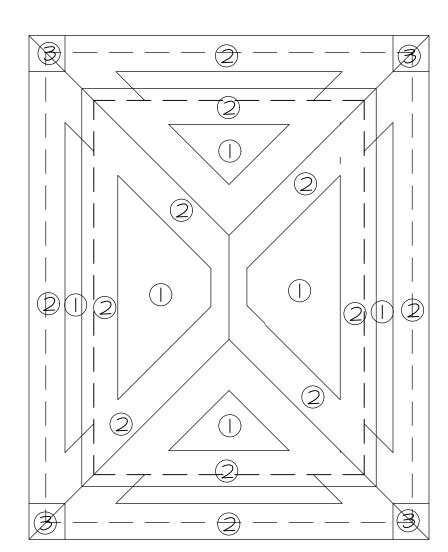
19. All inside walls intersecting with exterior walls to have approved galvanized metal corner bracing, diagonally.

20. Corner straps, I"X24" 18 ga. galvanized steel, to be used at top and bottom plates.

21. All rafters to be toe nailed to top plate and have simpson H-10 anchor plate at each rafter.

22. All straps shall be installed as per manufactures directions and shall have not less than 6 10d galvanized nails on each end.

23. All rafters shall have I"X24" 18 ga. straps across ridge matching rafter and shall have not less than 10 10d qalvanized nails on each end.



ROOF PLAN PRESSURE DIAGRAM

## WIND LOAD INFORMATION:

I. BASIC WIND SPEED = 150 MPH

2. WIND IMPORTANCE FACTOR = I

3. WIND EXPOSURE "B"

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00 4. VELOCITY PRESSURE  $Q = 0.00256 \text{ (Kz)(Kzi)(130)}^2 \text{ (I)}$ Q = 0.00256 (.35)(16,900)(1) = 15.14 PSF

INTRENAL PRESSURE P = 15.14(1.08)(+0.8)-15.14(-0.30) = 17.62 PSF

5. COMPONENTS & CLADDING

MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.

RESTROOM BUILDING: ROOF: ZONE I: INTERIOR ZONE 2: END ZONE (3'-0") ZONE 3: CROSSED END (3'-0"X3'-0")+27.8 -35.6 PSF

OVERHANGS ZONE 4: INTERIOR SURFACE ZONE 5: CORNERS (4'-0")

6. STRUCTURE CATAGORY = 2

## **GENERAL ENGINEERING NOTES:**

I. DESIGN CRITERIA:

A. CODES:

2023 FLORIDA BUILDING CODES, 8th EDITION AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER

CONSTRUCTION MANUAL, LATEST EDITION).

BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (A.C.I. 531).

B. DESIGN LIVE LOADS:

ROOF...... 20 PSF. FLOORS...... 40 PSF. LATERAL FORCES...... 150 MPH.

C. MINIMUM SOIL BEARING PRESSURE: CONT. WALL FOOTING:

2. CONCRETE SPECIFICATIONS:

DAYS.

A. ALL DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.

B. CONCRETE OPERATIONS SHALL COMPLY WITH A.C.I.

STANDARDS. C. CONCRETE COMPRESSIVE STRENGTH: 3000 PSI MINIMUM AT 28

D. REINFORCING BARS: ASTM A615 GRADE 60.

E. WELDED WIRE FABRIC (W.W.F.): ASTM A185

F. REINFORCING BAR PLACING ACCESSORIES: IN ACCORDANCE WITH CRSI SPECIFICATIONS.

G. MINIMUM CONCRETE COVERAGE OF REINFORCEMENT: FOOTINGS ......3" BOTTOM AND SIDE.

H. EARTH SUPPORTED SLAB: 4 INCHES THICK REINFORCED WITH 66-WI.4 X WI.4 W.W.F. THE SLAB AND THE CONCRETE PERIMETER BEAM SHALL BE PLACED OVER POLYETHYLENE VAPOR BARRIER OF NOT LESS THAN 0.006 INCH NOMINAL THICKNESS.

. ANCHOR BOLTS SHALL CONFORM TO ASTM A36 AND SHALL BE 1/2" DIA. WITH MIN. 6" EMBEDMENT DEPTH IN CONCRETE.

J. DETAIL REINFORCING IN ACCORDANCE TO A.C.I. 315. REINFORCING SHALL NOT BE WELDED, EXCEPT AS SHOWN WHERE ASTM A706 BARS ARE USED.

## 3. MASONRY SPECIFICATIONS:

5:12

1 ROOF PLAN

A. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ON THE NET AREA AND 1000 PSI ON THE GROSS AREA. (F'M = 1500 PSI) FACE BRICK AS SPECFIED.

B. ALL MORTAR FOR MASONRY SHALL CONFORM TO ASTM C270, TYPE M OR S. ALL GROUT FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, MINIMUM 2500 PSI AT 28 DAYS.

C. ALL CONTINUOUS BARS SHALL HAVE BASIC CLASS "C" TENSION LAPS WITH CORNER BARS AT ALL CORNERS AND WALL INTERSECTIONS.

D. ALL VERTICAL REINFORCEMENT IN MASONRY WALLS SHALL HAVE CLASS "C" TENSION LAPS.

E. HORIZONTAL REINFORCING IN MASONRY WALL FOOTINGS SHALL BE CONTINUOUS W/ 30 DIAMETER MIN. LAP MEMBERS AT ALL INTERIOR AND EXTERIOR CORNERS.

## 3. MASONRY SPECIFICATIONS:

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E. HORIZONTAL REINFORCING IN MASONRY WALL FOOTINGS SHALL BE CONTINUOUS W/ 30 DIAMETER MIN. LAP MEMBERS AT ALL INTERIOR AND EXTERIOR CORNERS.

## 4. TIMBER SPECIFICATIONS:

A. STRUCTURAL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C.- 19%), OR APPROVED EQUAL (BY THE STRUCTURAL ENGINEER) UNLESS OTHERWISE NOTED ON DRAWINGS, WITH ALLOWABLE STRESSES AS FOLLOWS:

SHEAR STRESS .... 90 PSI COMPRESSION STRESS PARALLEL TO GRAIN...... 1.000 PSI 

## B. PLYWOOD SHEATHING:

I. EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S. PRODUCT STANDARD PS I OR APA PRP-180 PERFORMANCE STANDARDS. ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE CLASSED EXTERIOR.

II. PANEL ROOF, WALL, AND FLOOR SHEATHING SHALL BE 5/8" THICK APA

INTERMEDIATE SUPPORTS.

STRUCTURAL I RATED SHEATHING EXP. 2 . SHEATHING PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSED EXTERIOR.

III. NAIL PANELS WIOD COMMON RING SHANKED NAILS AT 4" O.C. ALONG SUPPORTED PANEL EDGES AND AT 6" O.C. AT

C. ALL BEARING STUD WALLS SHALL HAVE SOLID BLOCKING AT ALL SHEATHING JOINTS.

D. PREFABRICATED WOODEN STRUCTURAL MEMBERS, INCLUDING TRUSSES SHALL BE DESIGNED SPECIFICALLY FOR THIS PROJECT FOR A 130 MPH LATERAL LOAD, AND SEALED BY A FLORIDA REGISTERED ENGINEER.

E. WOOD TO WOOD FRAMED CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOIST HANGERS AS SHOWN. TOE-NAILING IS NOT PERMITTED.

H. MAXIMUM SPANS OF DIMENSIONAL LUMBER USED FOR JACK RAFTERS AT HIPPED ROOF SECTIONS SHALL BE IN ACCORDANCE WITH "SPAN TABLES FOR JOISTS AND RAFTERS" AS PUBLISHED BY THE NATIONAL WOOD PRODUCTS ASSOCIATION.

I. HIP RAFTERS SHALL BE TWO (2) INCHES DEEPER THAN JACK RAFTERS.

J. ALL TRUSSES AND RAFTERS SHALL BE STRAPPED OR HURRICANE CLIPPED TO SUPPORTING MEMBERS AT ALL BEARING POINTS.

I. SECURE EACH ROOF TRUSS/RAFTER TO TOP PLATE WITH SIMPSON H-10 HURRICANE CLIP OR AS INDICATED ON PLANS.

USE SIMPSON H-10.2 TO SECURE ALL GIRDER TRUSSES AND PROVIDE MINIMUM 2 STUDS UNDER GIRDER TRUSS BEARING END. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF TRUSSES TO ENGINEER TO VERIFY/MODIFY UP-LIFT CONNECTORS IF NECESSARY.

2. ALL EXTERIOR WALL FRAMING SHALL BE 2X6 AT 16" ON CENTER WITH 5/8" CDX PLYWOOD SHEATHING. PLYWOOD PANELS SHOULD EXTEND TO TO TOP & BOTTOM PLATES. NAIL PLYWOOD AT 4" O.C. AT ALL EDGES.

DATE:



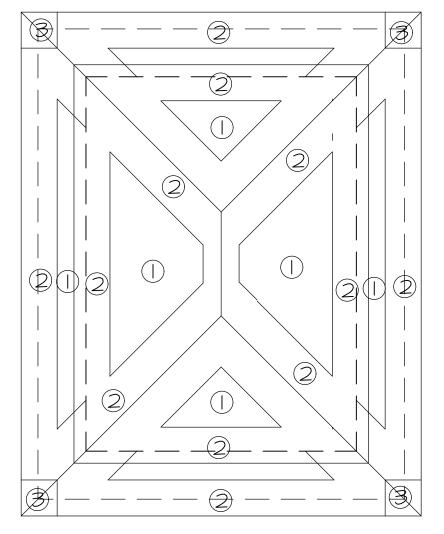
AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735

02/20/24 DESIGNED: DRAWN:

BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY DRAWING NUMBER

## RESTROOM & CONCESSION BUILDING

## 1 ROF PLAN RECREATION BUILDING



ROOF PLAN PRESSURE DIAGRAM

## WIND LOAD INFORMATION:

I. BASIC WIND SPEED = 150 MPH

2. WIND IMPORTANCE FACTOR = 1 3. WIND EXPOSURE "B"

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00

4. VELOCITY PRESSURE  $Q = 0.00256 \text{ (Kz)(Kzi)(130)}^2 \text{ (I)}$ Q= 0.00256 (.35)(16,900)(1) = 15.14 PSF

INTRENAL PRESSURE P = 15.14(1.08)(+0.8)-15.14(-0.30) = 17.62 PSF

5. COMPONENTS & CLADDING MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.

RESTROOM BUILDING:

ROOF: ZONE 2: END ZONE (3'-0") +26.0 -32.0 PSF ZONE 3: CROSSED END (3'-0"X3'-0")+27.8 -35.6 PSF

+27.2 -34.3 PSF

WALLS: ZONE 4: INTERIOR SURFACE

6. STRUCTURE CATAGORY = 2

ZONE 5: CORNERS (4'-0")

AR 0011375

14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735

VALTON BEACH PA HOLLYWOOD BLVD. T. WALTON BEACH • FLORIDA DATE: DESIGNED: DRAWN: ARCHITECTS/PLANNERS BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY DRAWING NUMBER

## RECREATION BUILDING

City of FWB ITB 24-009

SHEET NUMBER

A9.2

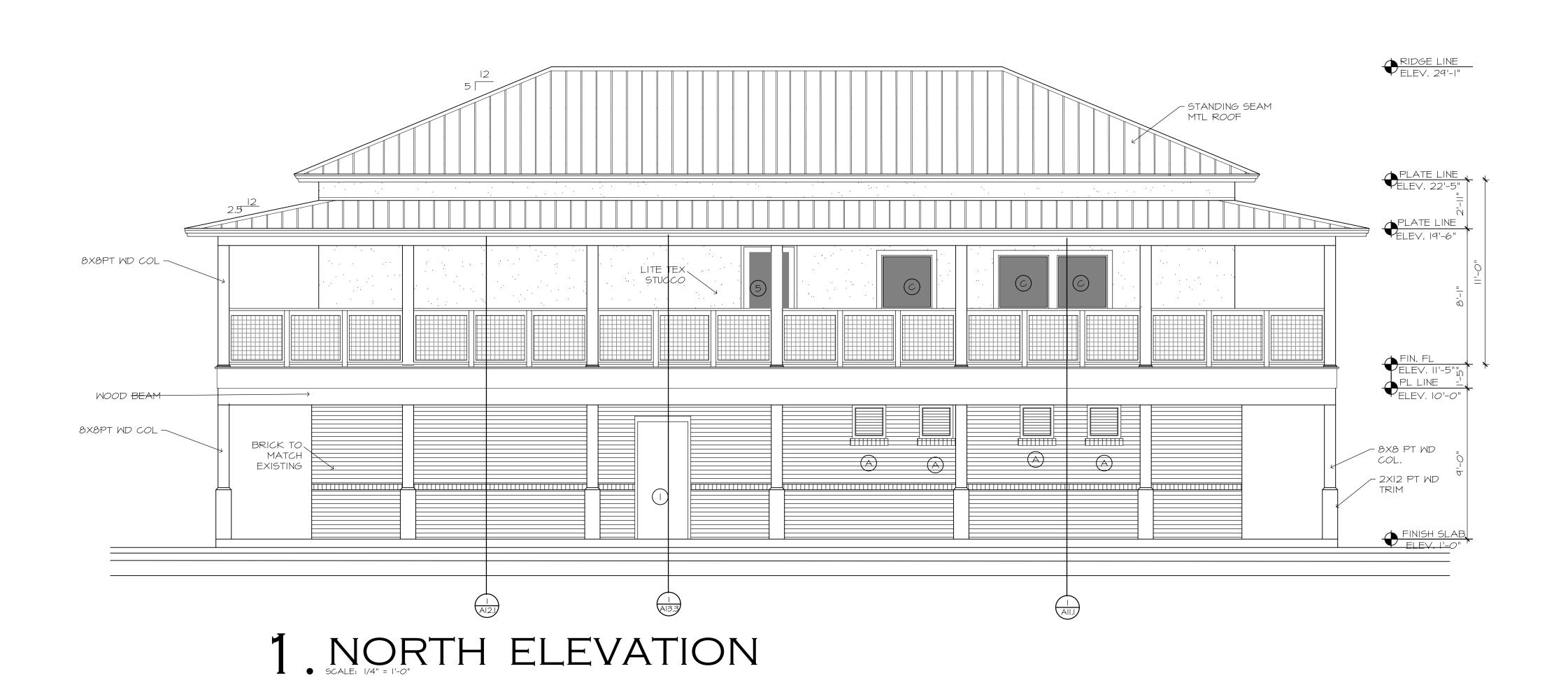
Exhibit C4 - AE Plans/Architectural

JENKINS ENGINEERING, INC.

1234 AIRPORT ROAD, SUITE 126
DESTIN, FLORIDA 32541
PHONE 850.837.2448
FAX 850.837.2450

NO SEAL IS SHOWN CLICK TO CHANGE





RESTROOM / CONCESSION BLDG

RECREATION BUILDING

City of FWB ITB 24-009

2. REAR ELEVATION

FT WALTON BEACH PARK
HOLLYWOOD BLVD.
FT. WALTON BEACH • FLORIDA
NOTVALID UNLESS BEARING ENGINEERS ORIGINAL SIGNATURE

HEV DATE DESCRIPTION
FEV DATE

REV DATE

DESCRIPTION
FEV DATE

FOR DATE

DESCRIPTION
FEV DATE

FOR DATE

DESCRIPTION
FEV DATE

FOR DAT

Exhibit C4 - AE Plans/Architectural

JENKINS ENGINEERING, INC.

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PHONE 850.837.2448
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NO SEAL IS SHOWN CLICK TO CHANGE

BAR IS ONE INCH ON ORIGINAL

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

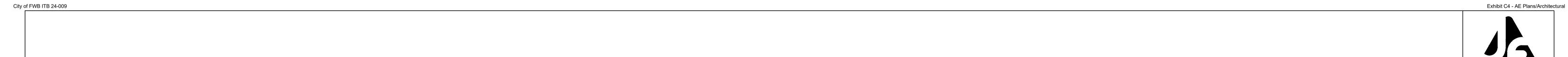
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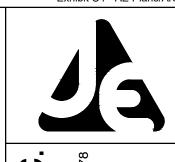
SHEET NUMBER A 10.2

AR 0011375 14346 SANDARAC DRIVE

BOKEELIA, FLORIDA 33922

(850)-496-5735





JENKINS ENGINEERING, INC.

1234 AIRPORT ROAD, SUITE 126
DESTIN, FLORIDA 32541
PHONE 850.837.2448
FAX 850.837 2475

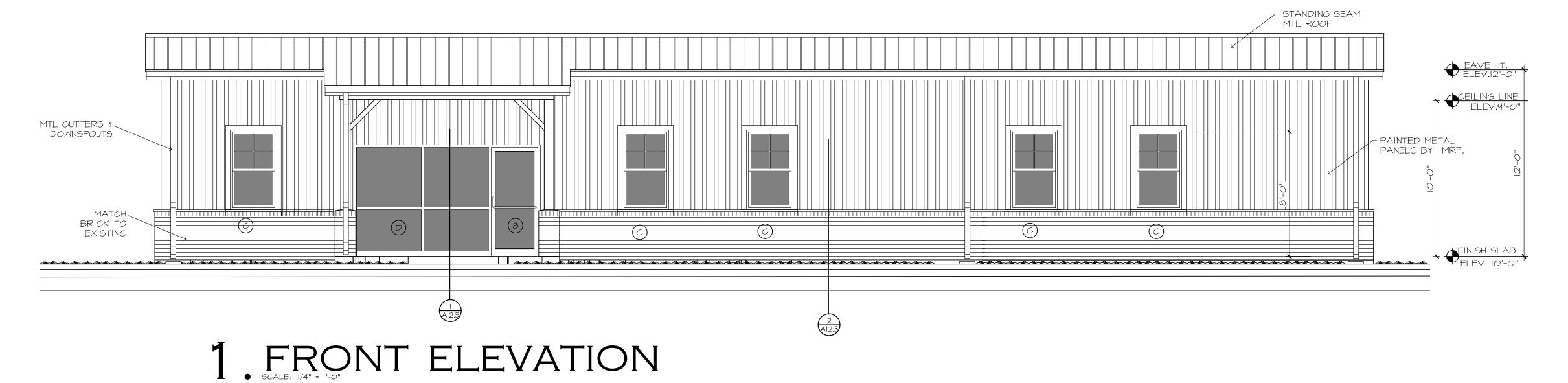
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WALTON BEACH P HOLLYWOOD BLVD. FT. WALTON BEACH • FLORIDA

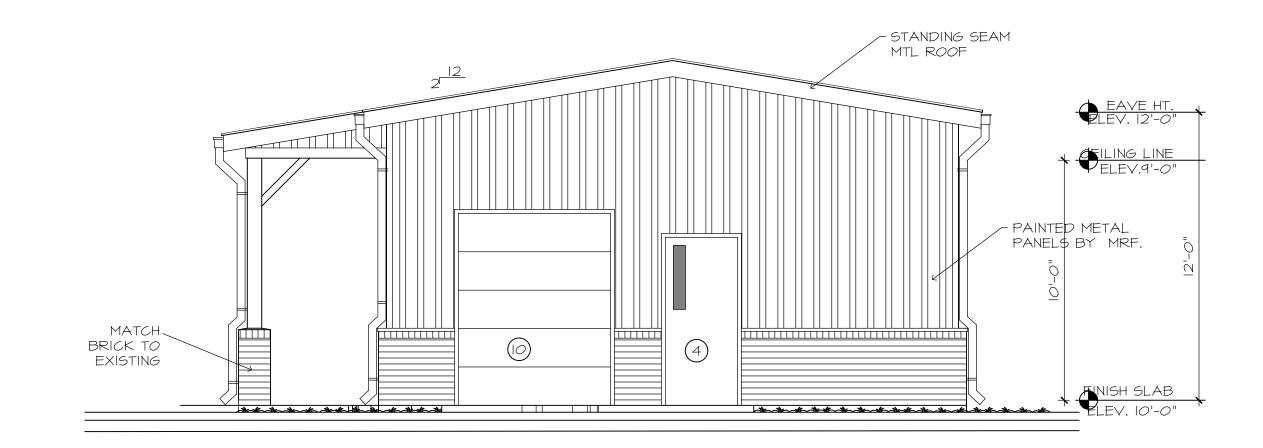
JOB: DATE: DESIGNED: 02/20/24 DRAWN:

BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

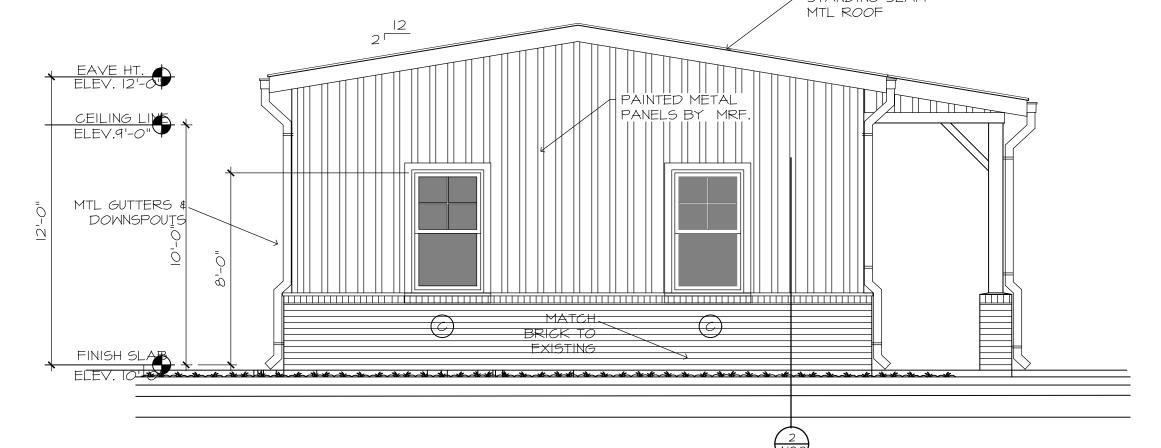
DRAWING NUMBER SHEET NUMBER A 10.3



RECREATION BUILDING



2. SIDE ELEVATION



3. SIDE ELEVATION

(850)-496-5735

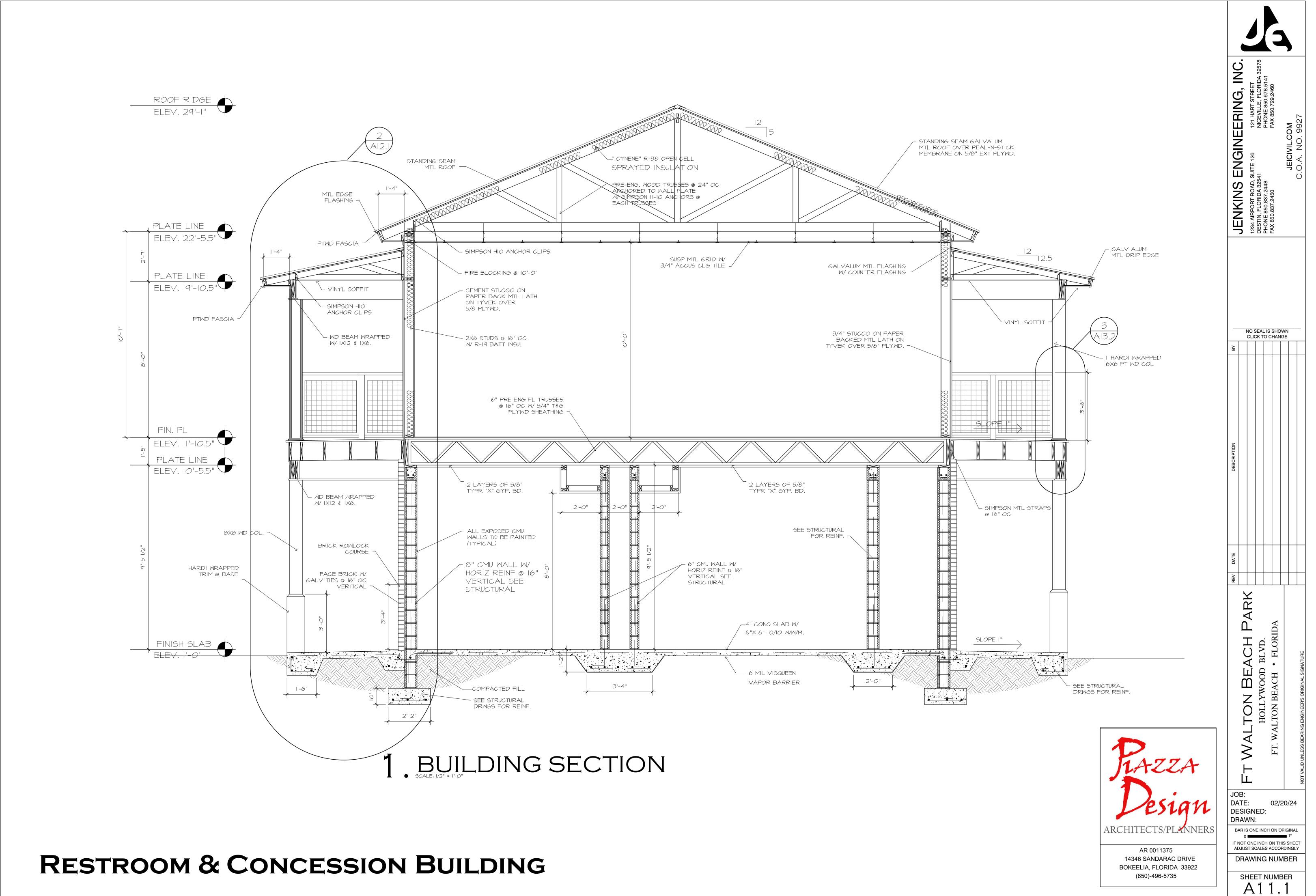


Exhibit C4 - AE Plans/Architectural

JOB: DATE: 02/20/24

DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY DRAWING NUMBER

SHEET NUMBER

## STRUCTURAL STEEL FRAMING SYSTEM:

- I. Design of Structural System: Clear or mutli-span rigid frame with straight columns and roof beams with gable roof.
- 2. Roof slope to be 2 inches in 12 inches.
- 3. Structural Mill Sections or Welded-up Plate Sections: Designed in accordance w/ AISC.
- 4. Cold-formed Steel Structural members to be deisgned in accordance w/ AISI n American specifications.
- 5. Structural Sysytem: Designed in accordance w/FBC 2023 and related county requirements.
- 6. Primary Framing:
- A. Rigid Frames: Welded-up plate section columns & roof beams, complete w/ necessary splice plates for bolted field assembly.
- B. Endwall Structural members: Cold-formed channel members designed in accordance w/ AISI N. Aamerican Specifications.
- 7. Secondary Structural Members:
- A. Purlins & truss purlins
- B. Eave Members
- C. Girts
- D. Bracing 8. Welding: Welding procedures, operator qualifications, \$ quality standards as per AWS DI.I Structural Welding Code.
- 9. Painting of Structural Steel Framing System: All steel members to be clean in accordance w/SSPC-SP2 and factory primed w/manufacturer's requirements.
- 10. Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

## METAL ROOF SYSTEM:

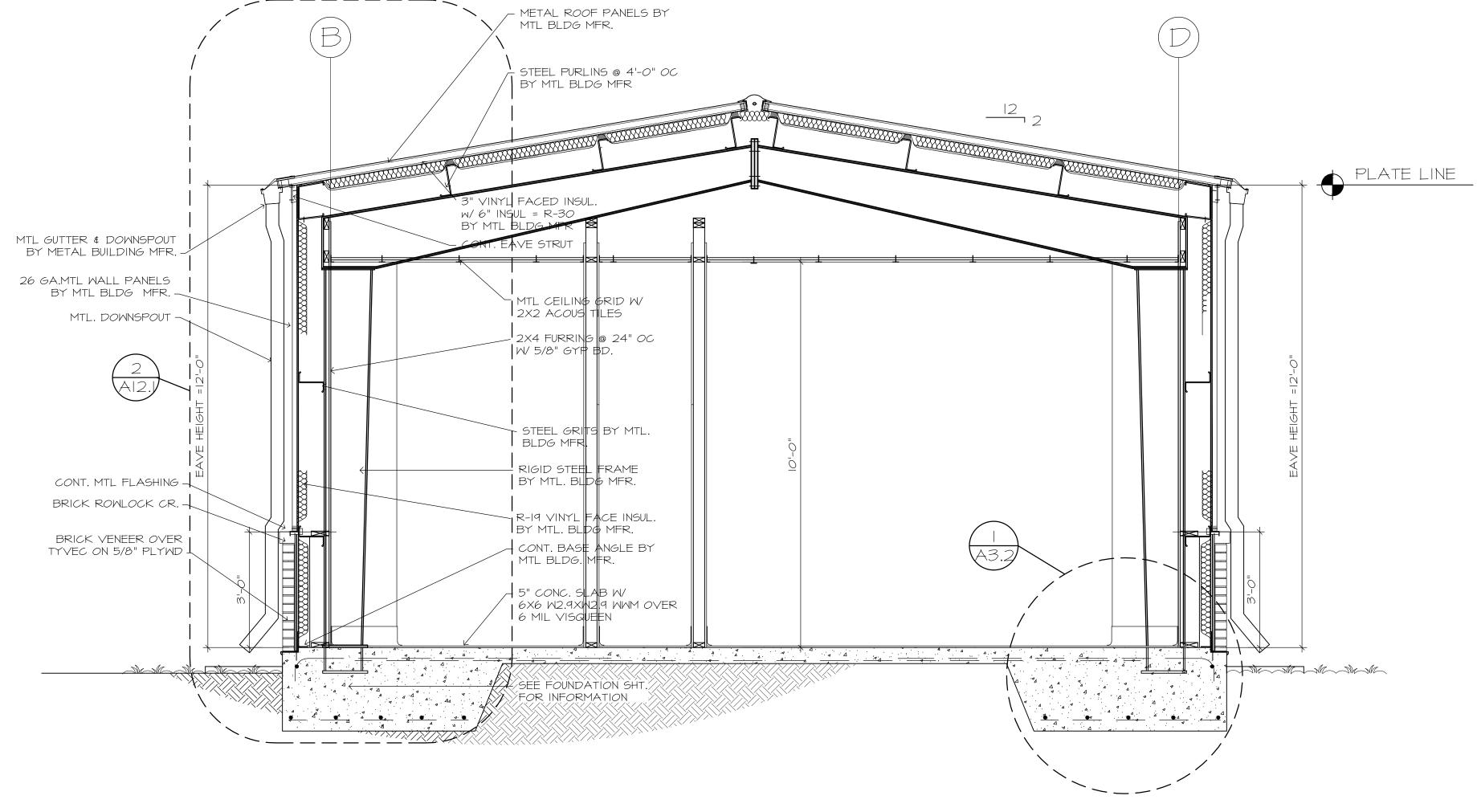
- I. Metal Roof System to be Dean Steel Bldg. "PV"- PROVR roof panel & "PL" PROLOK roof panels or approved equal, see elevations for location.
- 2. ProVR 16" Panel Material & Finish to be 24 gauge steel coated both sides w/ layer of acrylic-coated Kynar fininish with colors to be selected by Owner. PROLOK 24" Panels to be 24 gage steel Galvalume aluminum-zinc alloy applied by continuous hot-dip method. Apply clear acrlic film for additional protection.
- 3. Installation of metal roof panel as per manufacturer's recommendations.
- 4. Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

## METAL WALL PANELS:

- I. Metal wall panels to be Dean Steel Bldg. "R-12" Rib Twelve wall panel or approved equal.
- 2. Wall panel design in accordance w/ SISI N American Specifications for the design of Cold-Formed Steel Structural Members.
- 3. Wall Panels:
- A. 36 inches wide w/interlocking joints.
- B. 26 gauge galvanized steel, ÁSTM A653, 690.
- C. Embossd finish.
- D. Panel exterior: Pre-finished w/ Butler-cote finish system, full-strength, 70%
- "Kynar 500" or "hylar 5000" fluoropolymer (PVDF) coating.
- E. PVDF coating warranty to be 25 years standard warranty from the b metal building MFR.
- 4. Acrylic-translucent panels intergrated into the R-I2 panel design for clearstory lites.
- 5. Color to be selected by the Owner from the standard colors by the Mfr.
- 6. Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

## **ROOF & WALL INSULATION:**

- I. Laminated Fiberglass: Owens-Corning Fiberglass, NAIMA 202 "Certified R" metal bldg. Insul.
- 2. Back-Fill InsulaTION: Owens-Corning Fiberglass unfaced "Pink Mtl. Bldg. Insulation Plus".
- 3. Roof Insulation: Nominal thickness 6 & 4 inches, w/R-Value equaling : 38.
- 4. Wall Insulation: Nominal thickness 4 inches, w/R-Value 13, vimyl faced.
- 5. ProLOK-24 roof system height 12" lower layer R-19" (6") Upper layer R-19 (6") vinyl faced = total R-38.
- 6. Install all insulation in accordance with manufacturer's recommendations and requirements.



## BUILDING SECTION

## DESIGN CRITERIA:

- A. CODES:
- 2023 FLORIDA BUILDING CODES, 8th EDITION. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER CONSTRUCTION MANUAL, LATEST EDITION).
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
- BUILDING CODE REQUIREMENTS FOR STEEL FRAME STRUCTURES (A.C.I. 531).
- B. DESIGN LIVE LOADS: ROOF...... 20 PSF.

## WIND LOAD INFORMATION:

- I. BASIC WIND SPEED = 150 MPH
- 2. WIND IMPORTANCE FACTOR = I
- 3. WIND EXPOSURE "B"
- HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00
- 4. GUST FACTOR SUMMARY = 0.85
- INTRENAL PRESSURE COEFFICIENTS GCPI = 0.18 / 0.18
- 5. VELOCITY PRESSURE Q= 0.00256 (Kz)(Kzi)(145)2 (1.0) Q= 0.00256 (0.85)(21,000)(1.0) = 45.69 PSF
- INTRENAL PRESSURE P = 45.7(1.08)(+0.8)-45.7(-0.30) = 53.21 PSF
- 6. COMPONENTS & CLADDING MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.

ZONE 5 CORNERS (4'-0") +37.9 -50.7 PSF ZONE 4 INTERIOR SURFACE +32.2 -35.4 PSF

ZONE 3 CROSSED END (3'X3') +15.4 -95.6 PSF +12.2 -41.1 PSF ZONE 2 END (3'-0") +12.2 -34.7 PSF ZONE I INTERIOR

7. STRUCTURE CATAGORY = 2



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## RECREATION BUILDING

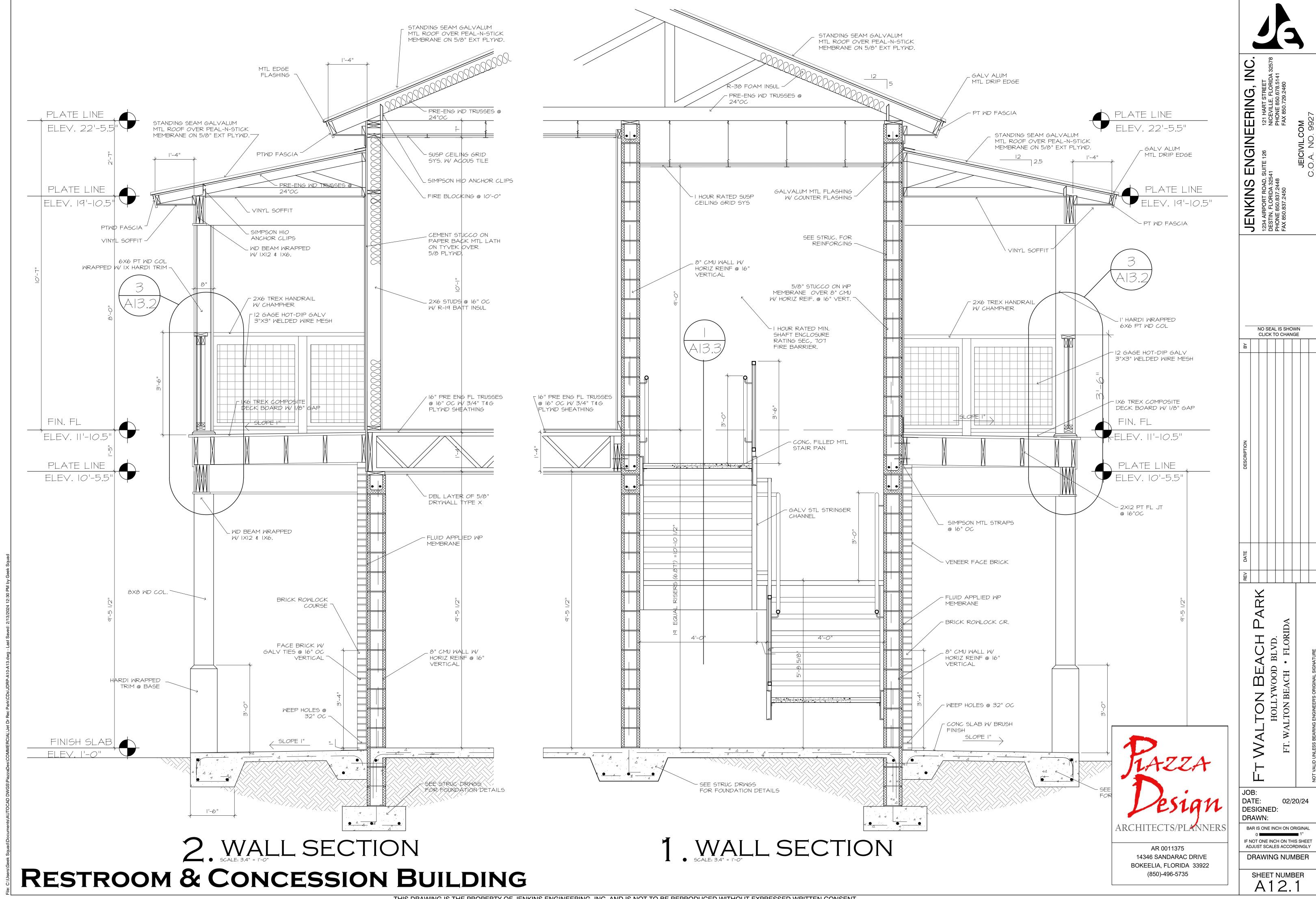


Exhibit C4 - AE Plans/Architectural

26 GA.MTL WALL PANELS

BY MTL BLDG MFR.-

N N

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NGINE

Ш

S

ENKIN

H<sub>23</sub>4 DES PHC FAX

NO SEAL IS SHOWN

CLICK TO CHANGE

AC BLV

JOB: DATE:

DESIGNED: DRAWN:

BAR IS ONE INCH ON ORIGINAL

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER

2023 FLORIDA BUILDING CODES, 8th EDITION, W/ SUPPLEMENTS

BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00

INTRENAL PRESSURE COEFFICIENTS GCPI = 0.18 / - 0.18

MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.

5. VELOCITY PRESSURE Q= 0.00256 (Kz)(Kzi)(146)2 (1.21) = 22.45 PSF

INTRENAL PRESSURE P = 22.45(1.08)(+0.8)-22.45(-0.30) = 26.14 PSF

+40.8

+36.3

+35.5

-53.2 PSF

-39.9 PSF

-42.7 PSF

-44.9PSF

-35.5 PSF

-62.3 PSF

BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY

AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER

CONSTRUCTION MANUAL, LATEST EDITION).

DESIGN CRITERIA:

STRUCTURES (A.C.I. 531).

LATERAL FORCES...... 150 MPH.

I. BASIC WIND SPEED = 150 MPH

2. WIND IMPORTANCE FACTOR = I

4. GUST FACTOR SUMMARY = 0.85

6. COMPONENTS & CLADDING

CORNERS (3'-9")

INTERIOR SURFACE

END *ZO*NE (3'-0")

INTERIOR

OVERHANGS

FRAMING NOTES:

otherwise noted.

4" perimeter \$ 4" field.

in contact with concrete.

12. All exposed framing to be treated.

with Simpson SPI and Sp2.

exterior plates.

7. STRUCTURE CATAGORY = 2

3. All bridging to be solid, max. 8'-0" o.c.

4. Only metal joist hangers shall be used.

5. Wood beams to be #1 Structural Grade S.Y.P.

CROSSED END (3'-0"X3'-0")+36.2

I. All wood framing to be #2 Southern Yellow Pine, kiln dried.

2. All lintels to be min. 2-2x10 at doors and windows, unless

6. All bolted connections to be extra strength A-304 bolts.

8. All bottom plates to be pressure treated lumber, when

11. Wood decking to be 5/4x6 #2 SYP treated with 1/8" gap

13. 1/2" continuous bead caulking shall be applied under all

not less than 6 10d galvanized nails on each end.

25. Truss Manufacture to submit shop drawings signed and sealed by Structural Engineer

a. Top chord live load = 25 lb/sf

b. Top chord dead load = 15 lb/sf c. Bottom chord dead load = 10 lb/sf

Total Load

for review and approvial prior to fabrication. 26. Roof trusses shall be design for the following loads:

15. Provide "Ty-vek" sheathing on all exterior walls.

14. Each corner and intersection to have minimum of three studs.

7. All plywood sheathing to be exterior grade, W/8D galv. common @

10. All exposed floor framing and beams to be pressure treated.

between boards, screwed with ceramic coated 2" deck screws.

17. Wood studs shall be #2 SYP nailed to sole plate and header plates

9. Hurricane anchors, Simpson # HIO to be installed at every truss or rafter.

16. 5/8" galv. threaded rod system from floor to top plate, provide 3" sq plate ⊚ top. 12" max ⊚ every corner side, \$ openings 5-10" and larger.

18. All straps shall be installed as per manufactures directions and shall have

19. Gable ends shall have Simpson # MSTC32 18 qa. qalvanized steel straps

21. All Exterior 2x6 stud wall headers to be min. 3-2x10 w/2-1/2" plywd .

and shall have not less than 10 10d galvanized nails on each end.

24. Siding to be Hardi Board with factory primed finish and wood texture.

to meet the velocity pressure deign requirements for 150 MPH

= 50 lb/sf

22. All rafters shall have Simpson MSTA21 straps across ridge matching rafter

@ 16" oc overlapping floor joist and nailed as required by code.

20. Approved galvanized metal corner bracing shall be installed on

all outside corners, and shall cover top and bottom plates.

and all 2x4 sutd walls headers to be 2-2x10 w/ 1/2" plywd.

23. Column anchors are to be 3/4" dia. thru bolts w/ nut and washers.

WALLS:

ROOF:

WIND LOAD INFORMATION:

B. DESIGN LIVE LOADS:

3. WIND EXPOSURE "B"

A. CODES:

A. STRUCTURAL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C.-19%), OR LODGE POLE

B. STRUCTURAL GLUE LAMINATED TIMBER SHALL BE VISUALLY GRADED SOUTHERN PINE WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

SHEAR STRESS MODULS OF ELASTICITY 1,800,000 PSI

C. STRUCTURAL PARALLAM BEAMS ALL SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE STRESSES: BENDING STRESS 2,900 PSI SHEAR STRESS 290 PSI

I. EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL BE IDENTIFIED WITH THE THE REQUIREMENTS OF THE LARGEST EDITION OF U.S. PRODUCT STANDARDS PS I OR

II. PANEL ROOF, WALL AND FLOOR SHEATHING SHALL BE I/2" THICK APA STRUCTURAL I RATED SHEATHING EXP 2 (UNLESS OTHERWISE NOTED ON PLANS). SHEATHING PERMANENTLY

AND 6" O.C. AT INTERMEDIATE SUPPORTS, OR AS INDICATED ON PLANS.

F. PREFABRICATED WOOD STRUCTURAL MEMBERS, INCLUDING TRUSSES SHALL BE DESIGNED

G. REVIEW ALL DRAWINGS INCLUDING MECHANICAL, ELECTRICAL, PLUMBING ETC. TO ASCERTAIN LOADS FROM EQUIPMENT, OPENINGS FOR DUCTS ETC. AND PROVIDE MODIFICATION TO TRUSSES IF

J. WOOD-TO-WOOD FRAMED CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOIST

L. HIP RAFTERS SHALL BE 2 INCHES DEEPER THAN JACK RAFTERS.

M. ALL TRUSSES AND RAFTERS SHALL BE STRAPPED OR HURRICANE CLIPPED TO SUPPORTING MEMBERS AT ALL BEARING POINTS.

N. SECURE EACH ROOF TRUSS/RAFTER TO TOP PLATE WITH SIMPSON HURRICANE CLIPS AS INDICATED ON PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF TRUSSES TO ENGINEER TO VERIFY/MODIFY UP-LIFT CONNECTORS.

O. ALL EXTERIOR WALL FRAMING SHALL BE 2"x6" at 16" O.C., UNLESS NOTED OTHERWISE. 5/8" CDX PLYWOOD PANELS SHOULD EXTEND TO THE TOP PLATE AND TO THE BOTTOM OF EXTERIOR GIRDERS OR SILL PLATE. NAIL PLYWOOD AT AT 4" O.C. AT ALL EDGES & 6" OC AT INTERMEDIATE SUPPORTS OR AS INDICATED PER PLAN.

P. USE SIMPSON STI8 (OR EQUAL) RIDGE/RAFTER CONNECTORS OR SIMPSON RR STRAPS

R. USE TWO (2) SIMPSON LSTA2I (OR EQUAL) TO SECURE EACH BEAM HEADER BEARING END

S. USE SIMPSON LSTA2I STRAP TIES (OR EQUAL) OR SIMPSON SP4 (OR EQUAL) AT TOP OF EACH EXTERIOR WINDOW AND DOOR FRAME OPENING, OR AS INDICATED PER PLANS.

ACCORDANCE WITH THE FLORIDA BUILDING CODE 2012, CHAPTER 23.

U. RIDGE BOARDS WHERE INDICIATED ON FRAMING PLANS SHALL NOT BE LESS THAN I" IN THICKNESS, & NOT LESS IN DEPTH THAN CUT END RAFTERS. RAFTERS SHALL BE PLACED DIRECTLY OPPOSITE EACH OTHER AND NAILED TO RIDGE BOARD.

W. AT OPENING IN EXTERIOR WALLS, A WALL STUD SHALL BE AT EACH SIDE OF THE OPENING W/ THE ENDS OF THE HEADER SUPPORTED AS FOLLOWS (UNLESS OTHERWISE NOTED):

HEADER STUD OR MAY BE SUPPORTED BY FRAMING ANCHORS ATTACHED TO WALL STUD.

III. FOR OPENINGS MORE THAN 6'-O" AND LESS THAN 12' IN WIDTH, EACH END SHALL

IV. ANY HEADER SUPPORTING CONCENTRATED LOADS FROM BEAMS ABOVE, EACH END

DETERMINED BY ACCEPTABLE ENGINEERING DESIGNS.

PROJECT DESIGN NOTES:

2. TIMBER SPECIFICATIONS

OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS, WITH ALLOWABLE STRESSES AS FOLLOWS:

BENDING STRESS 1,200 PSI SHEAR STRESS 90 PSI 70 PSI COMPRESSION STRESS PARALLEL TO GRAIN 1,000 PSI 700 PSI 1,600,000 PSI 1,200,000 PSILODGE POLE MODULUS OF ELASTICITY

BENDING STRESS

MODULUS OF ELASTICITY 2,000,000 PSI

D. PLYWOOD SHEATHING:

APPOPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET PRP-180 PERFORMANCE STANDARDS. ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.

EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.

III. NAIL PANELS WITH 8D COMMON NAILS AT 3" O.C. ALONG SUPPORTED PANEL EDGES

E. ALL BEARING STUD WALLS SHALL HAVE SOLID BLOCKING AT MID-HEIGHT OR AS OTHERWISE NOTED ON BUILDING SECTIONS.

SPECIFICALLY FOR THIS PROJECT FOR A 130 MPH WIND LOAD IAW ASCE 7-98 LATERAL LOAD, AND SEALED BY A FLORIDA REGISTERED ENGINEER.

REQUIRED TO SUPPORT SAME.

H. TRUSS LAYOUT AS SHOWN ON PLANS IS SCHEMATIC AND MAY BE MODIFIED WITH APPROVAL

I. ALTHOUGH WEB LAYOUT MAY BE SHOWN ON PLANS, IT IS THE RESPONSIBILITY OF THE TRUSS DESIGNER TO ACCEPT, APPROVE, OR MODIFY, AS REQUIRED FOR THE DESIGN PURPOSE.

HANGERS AS SHOWN. TOE-NAILING IS NOT PERMITTED.

K. MAXIMUM SPANS OF DIMENSIONAL LUMBER USED FOR JACK RAFTERS AT HIPPED ROOF SECTIONS SHALL BE IN ACCORDANCE WITH "SPAN TABLES FOR JOISTS AND RAFTERS" AS PUBLISHED BY THE NATIONAL WOOD PRODUCTS ASSOCIATION.

AT ALL RAFTERS/RIDGE BEAMS OR AS INDICATED PER PLAN.

Q. USE SIMPSON SPI & SP2 (OR EQUAL) TO SECURE STUDS TO BOTTOM AND TOP PLATES, OR AS INDICATED ON PLAN.

TO EACH SUPPORT, OR AS INDICATED PER PLAN.

T. CUTTING, NOTCHING BORED HOLES IN STUD WALLS, RAFTERS, ETC., SHALL BE DONE IN

V. ALL WOOD BUILT-UP GIRDERS, BEAMS, STUDS TO SOLE PLATES, ETC. TO BE CONNECTED

AS PER FLORIDA BUILDING CODE FASTENING SCHEDULE 2306-I.

I. FOR OPENINGS LESS THAN 3 FEET IN WIDTH, EACH SIDE OF HEADER SHALL REST ON A SINGLE

II. FOR OPENINGS OVER 3 FEET TO LESS THAN 6'-O", EACH END SHALL BEAR ON A

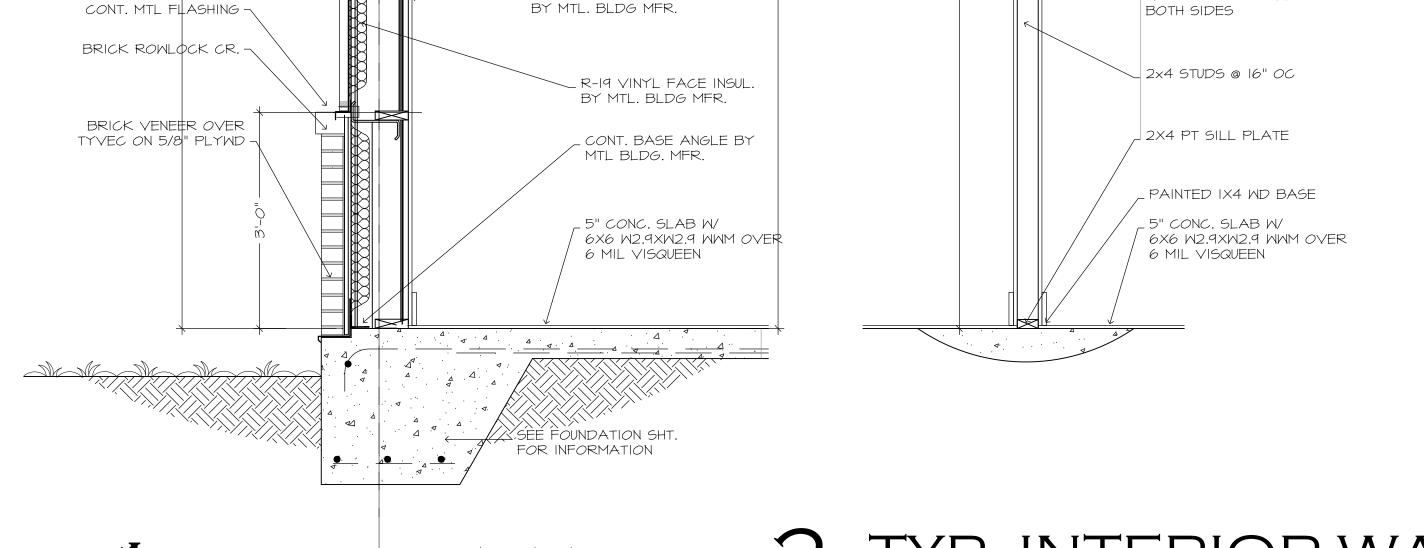
BEAR ON A DOUBLE HEADER STUD. SHALL BEAR ON DOUBLE HEADER STUDS.

X. WHERE WOOD BEAMS BEAR ON STUD WALLS, PROVIDE MINIMUM DOUBLE OR TRIPLE STUDS, DEPENDING ON BEAM WIDTH AND LOADS, UNDER FOUNDATION.

Y. AT AREAS WHERE TRUSSES REQUIRE HEADERS TO ADJACENT TRUSSES, PROVIDE HEADERS AS

AR 0011375 14346 SANDARAC DRIVE BOKEELIA, FLORIDA 33922 (850)-496-5735

ARCHITECTS/PL**k**nners



METAL ROOF PANELS BY

STEEL PURLINS @ 4'-0" OC

MTL BLDG MFR.

BY MTL BLDG MFR

3" VINYL FACED INSUL

W/6" INSUL = R-30

CONT. EAVE STRUT

- RI9 BATT INSULATION

MTL CEILING GRID W/

2X4 FURRING @ 24" OC

STEEL GRITS BY MTL.

BLDG MFR.

RIGID STEEL FRAME

2X2 ACOUS TILES

W/ 5/8" GYP BD.

BY MTL BLDG MFR

4 MTL CEILING GRID W/

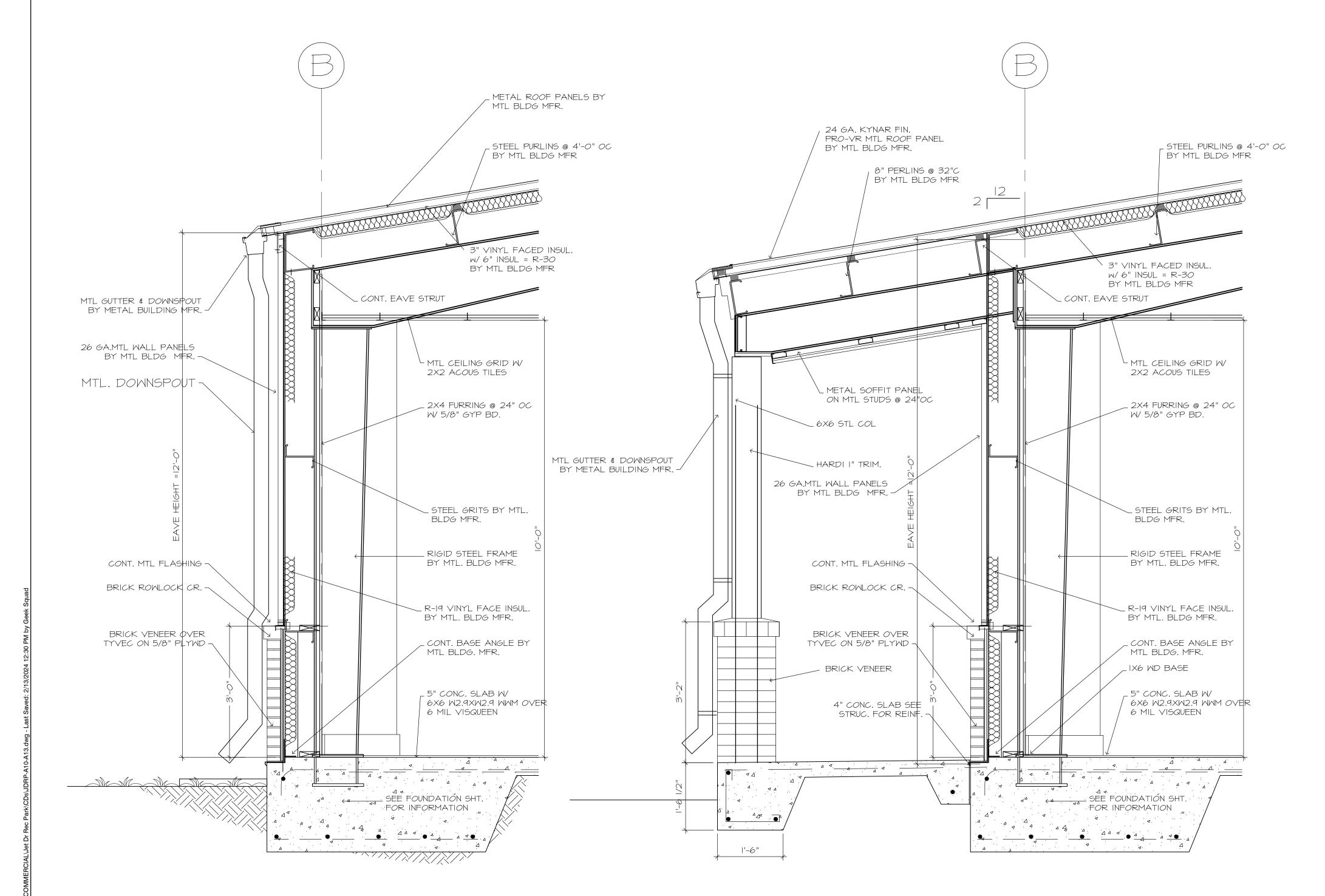
TAPE FLOAT AND SMOOTH

2X2 ACOUS TILES

TEXTURE FINISH

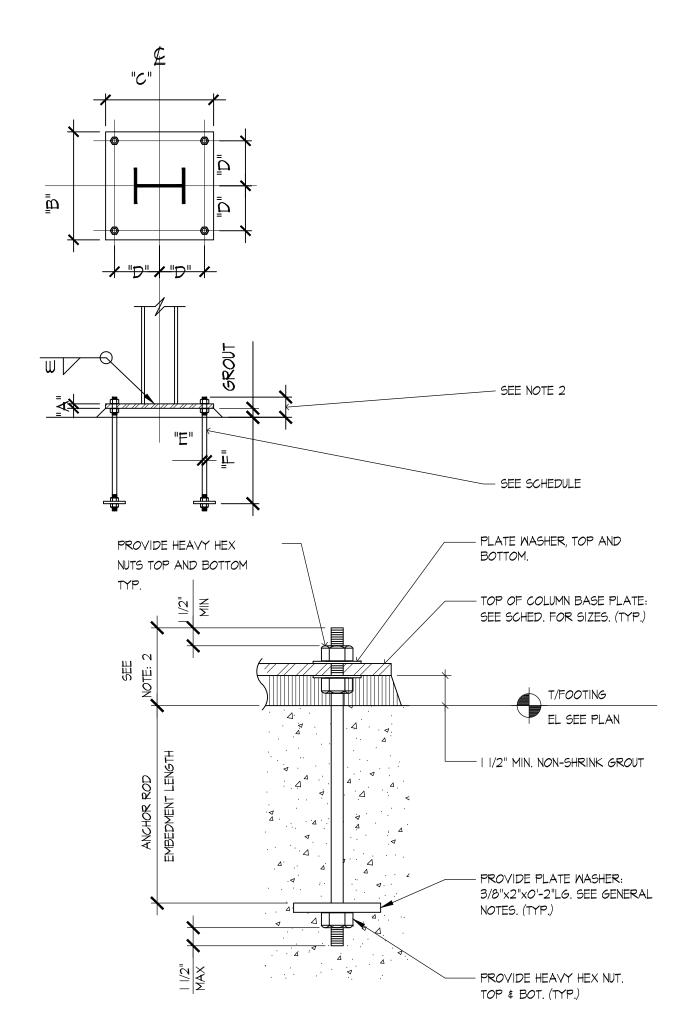
5/8" GYP. DRYWALL

02/20/24



2. WALL SECTION

1 WALL SECTION



## ANCHOR ROD NOTES:

- I. INFORMATION SHOWN IN THIS DETAIL, IS FOR USE WITH ANCHOR RODS 3/4"
- 2. ANCHOR ROD PROJECTION: MINIMUM LENGTH AS REQUIRED TO ACCOUNT FOR
- NON-SHRINK GROUT, COLUMN BASE PLATE THICKNESS, WASHERS / NUT, PLUS | 1/2" MIN. (THREADED LENGTH ABOVE NUT)

  3. HOLES IN PLATE WASHERS SHALL BE SIZED 1/16" OVER THAT OF ANCHOR ROD
- DIAMETER.

  4. ALL ANCHOR ROD NUTS SHALL BE "SNUG TIGHTENED" AS DEFINED BY "AISC"
- AFTER THE FOOTING CONCRETE HAS A MINIMUM OF 14 (FOURTEEN) DAYS TO CURE. (TYPICAL UNLESS NOTED OTHERWISE)
- 5. ALL STEEL SIZES, ANCHORS, FITTINGS, AND CONNECTIONS ARE TO BE AS PER THE MANUFACTURER DESIGN AND ENGINEERING.

## 3. TYP. ANCHOR DETAILS



(850)-496-5735

JOB:
DATE: 02/20/24
DESIGNED:
DRAWN:

BAR IS ONE INCH ON ORIGINAL
0 1"
IF NOT ONE INCH ON THIS SHEET

ACH P. BLVD.
• FLORIDA

Exhibit C4 - AE Plans/Architectural

N N

ENGINEERING,

JENKINS | 1234 AIRPORT ROAD, S DESTIN, FLORIDA 3254 PHONE 850.837.2448 FAX 850.837.2450

NO SEAL IS SHOWN

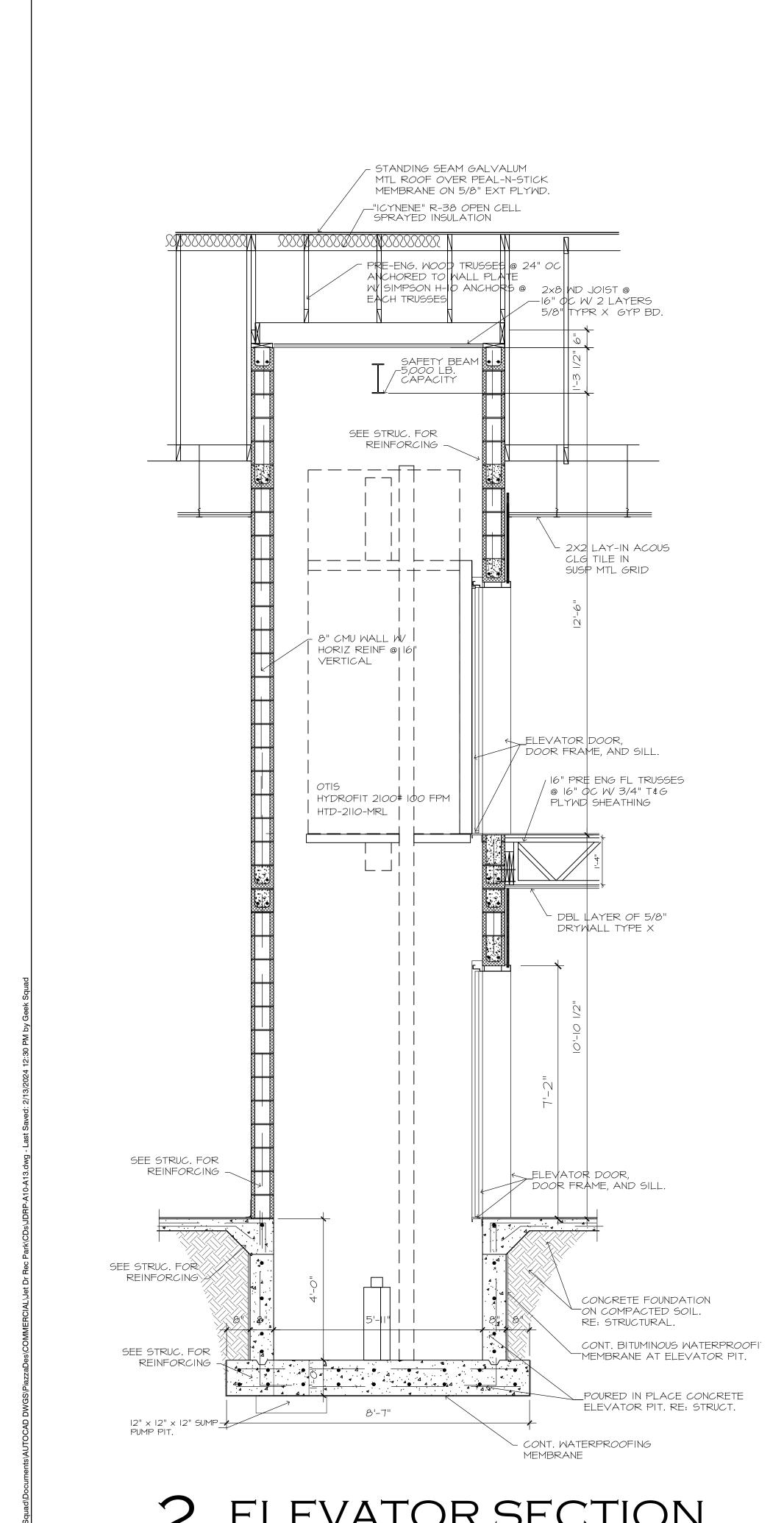
CLICK TO CHANGE

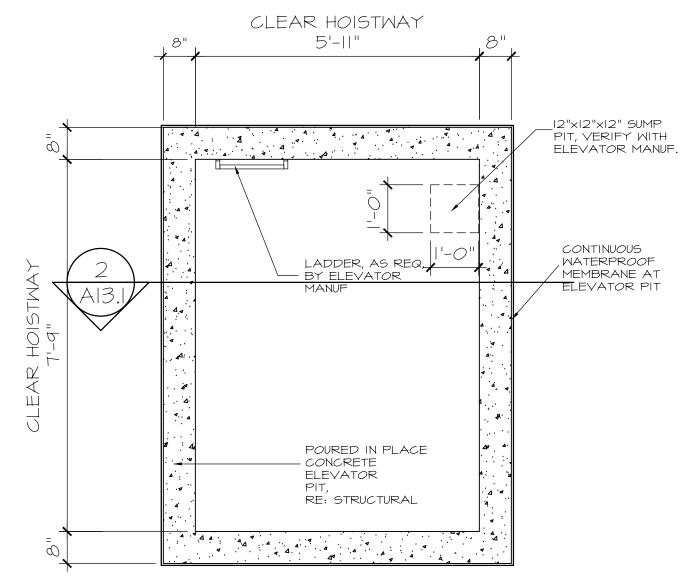
SHEET NUMBER A 1 2.5

ADJUST SCALES ACCORDINGLY

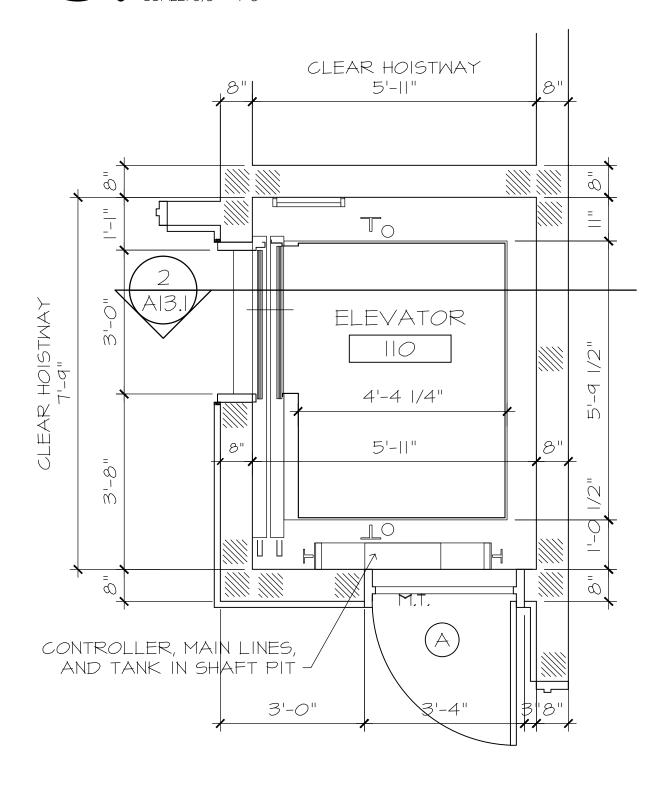
DRAWING NUMBER

RECREATION BUILDING





## 3. ELEV PIT PLAN





# 4'-0" NAL 105 104 4'-0" 8- II" TREADS = 7'-4" 5'-4" CONCESSION 101 5'-9" 16'-8" 3'-4"

16'-8"

9- II" TREADS = 8'-3"

4'-5"

4'-0"

## **ELEVATOR NOTES:**

## **GENERAL**:

- ELEVATOR TO BE OTIS HYDROFIT 2100# 100 FPM HTD-2110-MRL OR APPROVED EQUAL.
- INSTALL AS PER MANUFACTURER REQUIREMENTS AND BY AN OTIS APPROVED INSTALLER.
- CAB INTERIOR COLOR AND FINISHES TO BE SELECTED BY OWNER.

4. ELEV 1ST FL PLAN

- SUBMIT SHOP DRAWINGS AND SUBMITTAL INFORMATION FOR APPROVAL.
- 5. PROVIDE ALL STATE APPROVIALS AND TESTING REQUIRED BY MANUFACTURER.





DESIGNED: DRAWN: BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEE ADJUST SCALES ACCORDINGLY DRAWING NUMBER SHEET NUMBER A 13.1

ACH P. BLVD.
• FLORIDA

Exhibit C4 - AE Plans/Architectural

N

NGINEERING,

JENKINS
1234 AIRPORT ROAD, \$
DESTIN, FLORIDA 3254
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FAX 850.837.2450

NO SEAL IS SHOWN

CLICK TO CHANGE

