LAKEFRONT ESTATES BOY'S SCHOOL - OKEECHOBEE, FL

PERMIT SET



SCOPE OF WORK:

NEW CONSTRUCTION OF A TWO STORY SCHOOL BUILDING WITH SUPPORTING ADMIN OFFICES

PROJECT INFORMATION:

LOT SIZE - 138,393 SF
GROSS PROPOSED BUILDING AREA - 32,416 SF

NAME OF PROJECT:	Boy's School
STREET ADDRESS:	XXX, OKEECHOBEE, FL
COUNTY:	OKEECHOBEE
BLOCK AND LOT:	XXX
PROPOSED USE:	SCHOOL BUILDING (E/USE) W/ SUPPORTING ADMIN (B/USE)
FIRE SUPPRESSION:	SPRINKLERED

APPLICABLE CODES:

BUILDING SUBCODE:	2018 INTERNATIONAL BUILDING CODE - FLORIDA EDITION
ENERGY SUBCODE:	ASHRAE 90.1-2016 (ZONE 4)
MECHANICAL SUBCODE:	INTERNATIONAL MECHANICAL CODE 2018
PLUMBING SUBCODE:	NATIONAL STANDARD PLUMBING CODE 2018
ELECTRICAL SUBCODE:	NATIONAL ELECTRICAL CODE 2017
ACCESSIBILITY SUBCODE:	ICC/ANSI A117.1-2009

BUILDING CODE SUMMARY

ALL CODE CHAPTERS, SECTIONS, AND QUOTES REFERENCE THE 2018 IBC 9, EDITION UNLESS NOTED OTHERWISE.

APPLICABLE CODES	REFERENCE COVER SHEET
OCCUPANCY CLASSIFICATION (CHAPTER 3)	GROUP E (EDUCATIONAL) (303.1): A ROOM OR SPACED USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPERATE OCCUPANCY. GROUP B (BUSINESS)
ALLOWABLE BUILDING HEIGHTS & AREAS (CHAPTER 5)	ALLOWABLE BUILDING HEIGHT (TABLE 504.3 & 504.4) — BUILDING HEIGHT IN FT ABOVE GRADE PLANE: ALLOWABLE 55'-0", ACTUAL 34'-0"; NUMBER OF STORIES ABOVE GRADE PLANE: ALLOWABLE 3, ACTUAL 2 ALLOWABLE BUILDING AREA (TABLE 506.2) — ALLOWABLE AREA 58,000; ACTUAL AREA & VOLUME: Level 1 30,649 SF / 4451,2.88 CF; Level 2 20001 SF / 306267.34 CF; TOTAL 50650 SF / 756200.31 CF AREA FACTOR INCREASE DUE TO FRONTAGE = 26,404' MIXED-OCC., MULTISTORY BUILDINGS 143,500 + (14,500 × 26,404' (L) X 2= 62,.47'(1" SF
MIXED USE AND OCCUPANCY (SECTION 508)	508.2.3 AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10 PERCENT OF FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED. LEVEL 1 AGGREGATED ACCESSORY: B USE IS 6500 SF < 10% OF FLOOR AREA LEVEL 2 AGGREGATED ACCESSORY: B USE IS 7150 SF < 10% OF FLOOR AREA NO SEPERATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCIES
CONSTRUCTION TYPE (SECTION 602)	IIB
FIRE RESISTANCE RDQD (TABLE 601 , 602)	BUILDING ELEMENT: STRUCTURAL FRAME — HOURS RDQD-TYPE IIB: 0 — HOURS PROVIDED-TYPE IIB: 0 ROOF: 0 / 0 FLOOR: 0 / 0 EXTERIOR WALLS: 0 / 0
FIRE RESISTANCE RATING - SHAFTS (SECTION 713.4)	SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 2 HOURS WHERE CONNECTING FOUR STORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE CONNECTING LESS THAN FOUR STORIES, OK.
MEANS OF EGRESS SIZING (SECTION 1005)	REQUIRED EGRESS BASED ON OCCUPANT LOAD - STAIRWAY EGRESS CAPACITY FACTOR: 0.3 REQUIRED EGRESS BASED ON OCCUPANT LOAD - EGRESS CAPACITY FACTOR (OTHER EGRESS COMPONENTS): 0.2
NUMBER OF EXITS AND EXIT ACCESS DOORWAYS (SECTION 1006)	(TABLE 1006.2.1) SPACES IN E-USE WITH 49 OCCUPANTS OR LESS SHALL BE PERMITTED TO HAVE A SINGLE EXIT WITH AN EXIT ACCESS TRAVEL DISTANCE 1320. (TABLE 1006.3.2) STORIES WITH AN OCC. LOAD UP TO 500 SHALL HAVE A MINIMUM OF TWO EXITS.
NUMBER OF EXITS AND EXIT ACCESS DOORWAYS (SECTION 1007)	(1007.1.1 EXCEPTION 2) WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2, THE SEPARATION DISTANCE SHALL BE NOT LESS THAN ONE-THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.
ACCESSIBLE MEANS OF EGRESS (SECTION 1009)	WHERE TWO MEANS OF EGRESS ARE REQUIRED FROM ANY ACCESSIBLE SPACE, THE SPACE SHALL BE SERVED BY TWO ACCESSIBLE MEANS OF EGRESS; PROVIDED VIA EXIT ACCESS STAIRWAYS. ACCESSIBLE STAIRS ARE NOT REQUIRING TO BE 48" WIDE BETWEEN HANDRAILS BECAUSE OF THE SPRINKLERS PER 1009.3.2. AREAS OF REFUGE ARE NOT REQUIRE AT EXIT ACCESS STAIRWAYS WHERE TWO-WAY COMMUNICATION IS PROVIDED AT THE ELEVATOR LANDING.
DOOR SWING (SECTION 1010.1.2.1)	EGRESS DOORS SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD GREATER THAN 49 PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL
EXIT ACCESS (SECTION 1.0 4)	EGRESS FROM A ROOM OR SPACE SHALL NOT PASS THROUGH ADJOINING OR INTERVENING ROOMS OR AREAS, EXCEPT WHERE SUCH ADJOINING ROOMS OR AREAS AND THE AREA SERVED ARE ACCESSORY TO ONE OR THE OTHER, ARE NOT A GROUP H OCCUPANCY AND PROVIDE A DISCERNIBLE PATH OF EGRESS TRAVEL TO AN EXIT.
EXIT ACCESS TRAVEL DISTANCE (SECTION 1017.2.2)	E # A USE - (SPRINKLERED) B USE (SPRINKLERED): ALLOWABLE 200' 300'; ACTUAL 119'-5" 87'-3"
EXIT ACCESS STAIRWAYS (SECTION 1.0 9)	EXIT ACCESS STAIRWAYS AND RAMPS THAT SERVE OR ATMOSPHERICALLY COMMUNICATE BETWEEN ONLY TWO STORIES. SUCH INTERCONNECTED STORIES SHALL NOT BE OPEN TO OTHER STORIES.
CORRIDORS (SECTION 1.020.4)	CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1.020.1. THE CORRIDOR WALLS REQUIRED TO BE FIRE-RESISTANCE RATED SHALL COMPLY WITH SECTION 708 FOR FIRE PARTITIONS. TABLE 1.020.1: GROUP E - OCC. LOAD >30 = FIRE RATING NOT REQUIRED WITH SPRINKLER.
ASSEMBLY - COMMON PATH OF TRAVEL (SECTION 1.029.8)	THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 30 FEET FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS.

SYMBOLS:

Name (Elevation (Lol Comment))
LEVEL
SECTION — A101 / SHT
ELEVATION — Ref / A101
CALLOUT — SHT / A101
Room name / 101 / 150 SF
ROOM TAG
101 / Room name / 150 SF / # Occ.
ROOM OCCUPANCY TAG
1'-0" CEILING HEIGHT TAG
101 DOOR TAG
F1 FIXTURE TAG
T1 WINDOW TAG
P1 WALL TAG

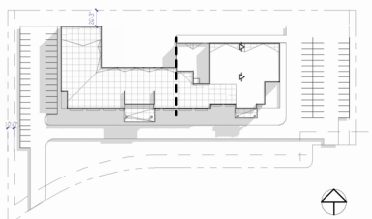
ABBREVIATIONS

A.C.	AIR CONDITIONING	D or DIA.	DIAMETER	M.M. or MM	MULLION MEDIAL	P.DR.	PLANTER DRAIN
A.C.T. or ACT	ACOUSTICAL CEILING TILE	D.W.	DISH WASHER	M.P.	MEDIA PANEL	P.E.	PASSENGER ELEVATOR
A.D.	AREA DRAIN	DBL.	DOUBLE	M.P.	HIGH POINT	P.H.V.	PUBLIC HALL VENT(DUCT)
A.F.F.	ABOVE FINISH FLOOR	DET.	DETAIL	M.R.	HANDRAIL	P.R.	POWDER ROOM
A.N.	AS NOTED	DIM.	DIMENSION	M.V.	WALL VENT (DUCT)	PARTN.	PARTITION
ANT.	ANTENNA	DN.	DOWN	H.V.A.C. or HVAC	HEATING, VENTILATION, & AIR CONDITIONING	Q.T.	QUARRY TILE
ALUM.	ALUMINUM	DWG.	DRAWING	I.D.	INSIDE DIAMETER	RESIL.	RESILIENT
APT.	APARTMENT	E.G.	ESTABLISHED GRADE	INCL.	INCLUDING	RM.	ROOM
AVG.	AVERAGE	E.H.	ELECTRIC HEATER	INSUL.	INSULATION	S.H.	SERVICE HALL
B.	BATHROOM	E.J.	EXPANSION JOINT	JST	JOIST	S.S.	SLOP SINK
B.C.	BRICK COURSE	E.M.P.M.	ELASTOMERIC WATERPROOF MEMBRANE	JT.	JOINT	S.T.C.	SOUND TRANSMISSION CLASS
B.O.	BOTTOM OF	EIFS	EXTERIOR INSULATED FINISH SYSTEM	L.CL.	LINEN CLOSET	SAN.	SANITARY
B.T.	BATH TUB	ELEC.	ELECTRIC	L.P.	LOW POINT	SM	SMOKE DETECTOR
BD	BOARD	ELEV.	ELEVATION	L.R.	LIVING ROOM	SPKL.	SPRINKLER
BLDG.	BUILDING	ENGNR.	ENGINEER	L.W.	LIGHT WEIGHT	ST. OR STL	STEEL
BLK.	BLOCK	EQ.	EQUAL	LAM.	LAMINATED	STOR.	STORAGE
BM.	BEAM	F.	FOYER	LAV.	LAVATORY	STRUC.	STRUCTURE OR STRUCTURAL
BOTT.	BOTTOM	F.A.I.	FRESH AIR INTAKE	LVT	LUXURY VINYL TILE	T.O.	TOP OF
BR.	BRICK	F.D.	FLOOR DRAIN	M.AS.	METAL AND GLASS	T.R.	TOP REGISTER
C.P.	CONCRETE HARDENER	F.F.	FINISHED FLOOR	M.C.	MEDICINE CABINET	T.V.	TOILET VENT (DUCT)
C.J.	CONTROL JOINT	F.F.	FIRE PANJT	M.CL.	MATER CLOSET	W.	WIDTH
C.M.T.	CORRUGATED METAL BRICK TILE	F.F.H.B	FROST PROOF HOSE	M.L.	METAL LOUVER	U.O.N.	UNLESS OTHERWISE NOTED
C.R.	CEILING REGISTER	F.P.S.C	FIRE PROOF SELF CLOSING	M.O.	MASONRY OPENING	V.C.J.	VERTICAL CONTROL JOINT
C.S.	CAST STONE	F.R. OR FR.	FIRE RATED OR FIRE RATING	M.V.	MECHANICAL VENTILATION	V.C.T. OR VCT	VINYL COMPOSITE TILE
C.T.	CERAMIC TILE	F.S.P.	FIRE STAND PIPE	MAR.	MARMUM	V.W.C.	VINYL WALL COVERING
C.W.	COLD WATER	FIN.	FINISH	MET.	METAL	VEST.	VESTIBULE
CAB.	CABINET	FLASHG	FLASHING	MIN.	MINIMUM	VIF	VERIFY IN FIELD
CL.	CLOSET	FLR.	FLOOR	N.T.S. or NTS	NOT TO SCALE	WD.	WOOD
CLNG.	CEILING	G.W.B. or GYP.	GYPSUM WALL BOARD	NOM.	NOMINAL		
CM	CARBON/MONOXIDE DETECTOR	GA.	GAUGE	O.C.	ON CENTER		
COL.	COLUMN	GALV.	GALVANIZED	O.D.	OUTSIDE DIAMETER		
CONC.	CONCRETE	GL.	GLASS	O.F.	OVER FLOW		
CONT.	CONTINUOUS	GR.	GRADE	O.H.	OPPOSITE HAND		
CONV.	CONVECTOR	H.B.	HOSE BIB	OPG.	OPENING		
D.E.	DRYER EXHAUST	H.C.	HUNG CEILING	P.	PAINTED		
D.L.	DOUBLE LAYER	H.GAD.	HANGING GADNICO	P.D.	PUMP DISCHARGE		

VICINITY MAP



SITE MAP



③ Site PLAN
1" = 80'-0"

DRAWING LIST

SHEET NO.	SHEET NAME	PAGE NO.
01- GENERAL		
T001	COVER PAGE	01
G001	GENERAL NOTES AND ADA DETAILS	02
G002	GENERAL NOTES 4 SPECIFICATIONS	03
G003	LIFE SAFETY	04
03 - ARCHITECTURAL		
A100	OVERALL FLOOR 4 ROOF PLAN	01
A101	LEVEL 1 - TAG PLAN A	02
A102	LEVEL 1 - TAG PLAN B	03
A103	LEVEL 1 - A DIMENSIONS	04
A104	LEVEL 1 - B DIMENSIONS	05
A105	LEVEL 2 - TAG PLAN A	06
A106	LEVEL 2 - TAG PLAN B	07
A107	LEVEL 2 - A DIMENSIONS	08
A108	LEVEL 2 - B DIMENSIONS	09
A109	ROOF PLAN - A	10
A110	ROOF PLAN - B	11
A111	RCP LEVEL 1 - A	12
A112	RCP LEVEL 1 - B	13
A113	RCP LEVEL 2 - A	14
A114	RCP LEVEL 2 - B	15
A201	ELEVATIONS 1	16
A202	ELEVATIONS 2	17
A203	ENLARGED EXTERIOR ELEVATIONS 1	18
A204	ENLARGED EXTERIOR ELEVATIONS 2	19
A205	ENLARGED EXTERIOR ELEVATIONS 3	20
A206	ENLARGED EXTERIOR ELEVATIONS 4	21
A207	ENLARGED EXTERIOR ELEVATIONS 5	22
A210	BUILDING SECTIONS 1	23
A211	BUILDING SECTIONS 2	24
A212	ASSEMBLY ROOMS BUILDING SECTIONS	25
A301	WALL SECTIONS	26
A401	VERT. CIRCULATION - ELEVATOR	27
A402	VERT. CIRCULATION - STAIRS	28
A410	ENLARGED RESTROOM	29
A411	ENLARGED RESTROOM 2	30
A501	EXTERIOR DETAILS	31
A502	INTERIOR DETAILS	32
A505	OPERABLE PARTITION	33
A504	FIRE STOPPING DETAILS	34
A601	WALL TYPE DETAILS	35
A602	WINDOW SCHEDULES	36
A603	WINDOW SCHEDULES	37
A604	DOOR SCHEDULES	38

TOTAL: 42

MINIMUM PLUMBING FIXTURE PER NSPC TABLE 7.2.1.2

USE GROUP	MALE OCCUPANTS	MALE FIXTURES REQD W.C.	MALE FIXTURES REQD LAV	MALE FIXTURES PROVIDED W.C.	MALE FIXTURES PROVIDED LAV	FEMALE OCCUPANTS	FEMALE FIXTURES REQD W.C.	FEMALE FIXTURES REQD LAV	FEMALE FIXTURES PROVIDED W.C.	FEMALE FIXTURES PROVIDED LAV	DF REQD	DF PROVIDED	Comments
Level 1													
A - DINING RM	218	3	3	10	4	218	3	3	4	4	1	1	
A - KITCHEN	6	1	1	0	0	5	1	1	0	0	1	0	SHARED USE W. A- DINING RM
B	10	1	1	1	1	10	1	1	1	1	1	1	
E	309	7	7	31	12	0	0	0	0	0	4	4	
S	<varies>	<varies>	<varies>	0	0	0	0	0	0	0	<varies>	0	<varies>
Level 2													
A - BES MEDIARSH	289	2	2	10	5	0	0	0	0	0	1	1	
B	12	1	1	2	2	3	1	1	1	1	1	1	
E	268	5	6	13	8	0	0	0	0	0	3	9	
S	<varies>	1	1	0	0	0	0	0	0	0	1	0	SHARED USE WITH USE B

Grand total: 66

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REVISIONS:

NO.	DATE	DESCRIPTION
1	01/20/23	CD SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
COVER PAGE

EXAMINER'S SIGNATURE

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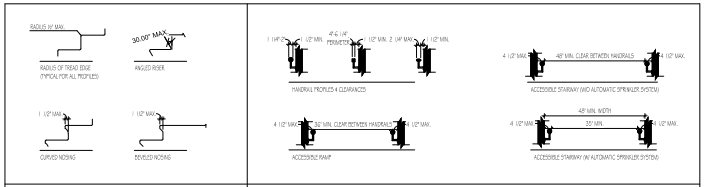
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DATE: 1/20/2023
PROJECT NO.: NJ 1279

DRAWING NO.: T001
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BARCODE

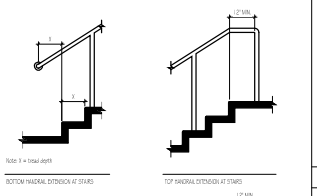
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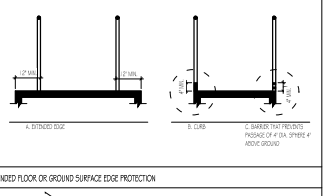


STAIR NOSING PROFILES

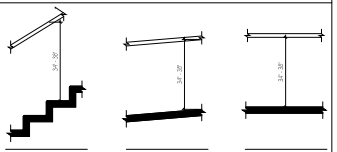
HANDRAIL CLEARANCES



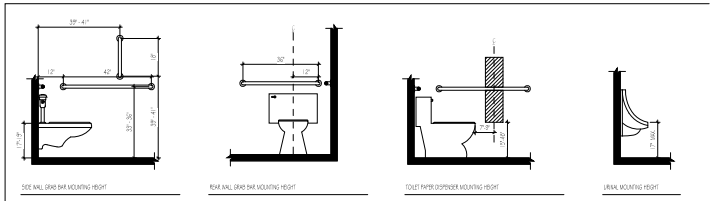
HANDRAIL EXTENSIONS



EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION



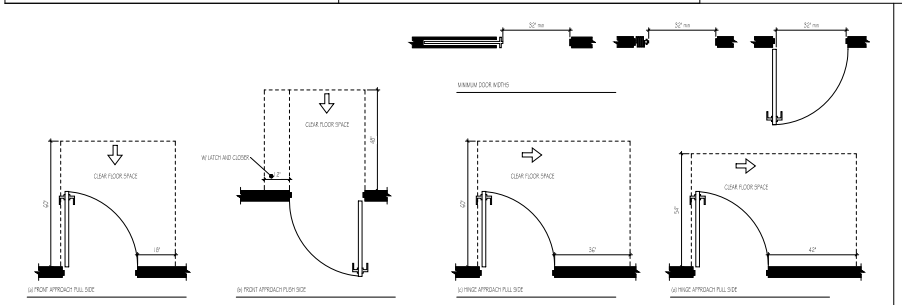
HANDRAIL HEIGHT



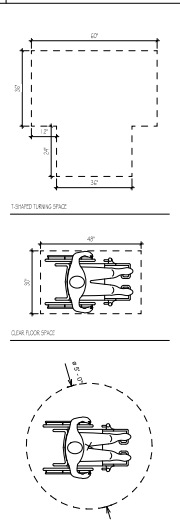
TOILET ROOM FIXTURES

GB1 - 42" GRAB BAR
GB2 - 36" GRAB BAR
GB3 - 18" GRAB BAR
T1 - FLOOR MOUNT TOILET
UR - URIPAL
DF - DRINKING FOUNTAIN
MR - MIRROR
SD - SOAP DISPENSER
LV - LAVATORY
TP - TOILET PAPER DISPENSER
PT - PAPER TOWEL DISPENSER

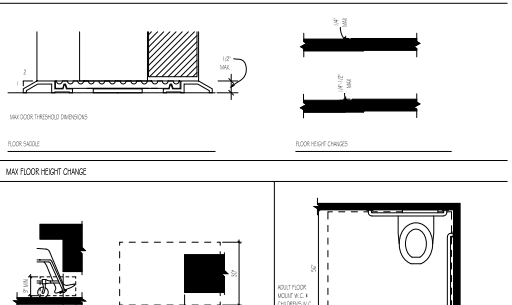
ACCESSIBLE TOILET FIXTURE MOUNTING HEIGHTS



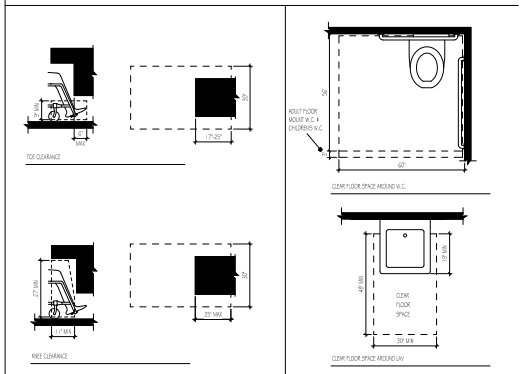
DOOR & HALLWAY WIDTH & SPACE



CLEAR SPACE



MAX FLOOR HEIGHT CHANGE



KNEE & TOE CLEARANCE

CLEAR SPACE AT W.C. & LAV

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NO.	DATE	DESCRIPTION
1	01/20/23	DID SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
GENERAL NOTES AND ADA DETAILS

EXAMINER'S SIGNATURE

PROFESSIONAL SEAL



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SCALE	1/2" = 1'-0"
DATE	1/20/2023
PROJECT NO.	NJ 079

G001

DRAWING NO.
02

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWINGS. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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DIVISION 01 - GENERAL CONDITIONS

A. Use of drawings: These drawings are for the intended use of a qualified general Contractor (GC), licensed in the State of FL. The GC and all sub-contractors are required to be familiar with and conform to all applicable local, county, state and federal laws, codes and ordinances. The project shall comply with the building codes and accessibility codes that pertain to the drawings, as delineated in the drawings and specifications, throughout the construction process through project completion.
   a. Drawings shall not be used for construction and/or issue of building permit unless signed and sealed by the Architect of Record (AOR).
   b. These drawings are the property of the Architect and shall not be used or transferred without written consent by the Architect. An exclusive limited license is extended to the Client to use and transfer the signed and sealed drawing sets and electronic PDFs to the GC and sub-contractors as necessary to successfully execute the project scope for the intended project at the site indicated on the drawings, this license is limited to the project scope contained within the drawing set.
   c. Any changes to, or deviations from, these drawings shall not be made without the AoR's written consent. Changes to the drawings, or additional drawings submitted by the Owner, Contractor and/or others shall be the responsibility of the Owner and/or Contractor.
   d. Architectural plans shall take precedence over shop drawings prepared from outside consultants. Architect assumes no liability for shop drawings or changes to the structure or any other trade whose work is covered by these drawing without written approval by the AoR.
   e. Do not scale drawings - written dimension shall govern.
   f. GC shall notify AoR of any discrepancy in field conditions, drawings, and/or specifications and shall not proceed with work in area of question until direction is provided in writing by the AoR. While awaiting a response, the GC shall reschedule operations as required to avoid delay of overall project.
   g. GC and all subcontractors shall familiarize themselves with the entire drawing set prior to commencing work. Notes on drawings are inclusive of all trades and shall be read and understood by all contractors and sub-contractors prior to commencement of any work.
   h. When drawings conflict with specifications, drawings shall take precedence.

B. Field Conditions
   a. GC shall perform an in person walk through inspection of the site prior to commencing work.
   b. Prior to performing any work, the Contractor is to examine the applicable conditions and substrates and correct any unsatisfactory conditions prior to commencement of work. Contractor to notify the Architect of any discrepancies between field conditions and drawings prior to commencement of work.
   c. Should unforeseen conditions be encountered that affect design or function of the project, the GC shall investigate fully and submit an accurate, detailed report to the AoR without delay. While awaiting a response, the GC shall reschedule operations as required to avoid delay of overall project.
   d. Should the Contractor or Owner proceed without written consent from the Architect, the Contractor shall assume all costs associated with the redesign, materials, and construction costs required to conclude the project.

C. Safety
   a. Contractors and subcontractors are to maintain a safe work site at all times, including providing for the safety for all persons entering the works site during construction.
   b. Contractor to coordinate site access, trailer location and temporary barrier with Owner.

D. Indemnity
   a. Contractor shall indemnify and hold Owner and Architect and all their employees harmless from all claims for the loss of damage, property, or personal injury to, or death of any persons, including without limitations: employees, agents, contractors, or subcontractors.
   b. All contractors and subcontractors shall maintain workman's compensation insurance, and public liability and property damage insurance acceptable to the Owner and the authorities having jurisdiction at project closeout.
   c. Contractor to maintain certifications of construction insurance to insure the construction work replacement value in the event of loss or damage to the property during construction.

E. Workmanship
   a. All work shall be performed in a professional manner. Contractor to exhibit quality labor and attention to detail, adhering to acceptable industry standard.
   b. The Contractor shall be responsible for the conduct and quality of the work.

F. Substantial Completion
   a. Contractor shall procure the final certificate of occupancy upon completion of the project and forward the same to the Owner.
   b. Contractor shall walk the site with Owner and create a punch list of items to be remedies and completed. Owner shall withhold money in escrow until punch list is satisfactorily completed.
   c. Contractor shall test all applicable systems, ensure that they are in proper working order, and leave the project site clean and ready for occupancy.

G. Closeout
   a. Unless otherwise indicated, GC is to provide a written warranty for a period of one year from the date of substantial completion. The warranty shall state all work has been completed in conformance with the contract documents, applicable codes, and enforcing authorities and that all work is free from defects of material and workmanship, and that all work performed is warranted for a complete calendar year. This is in addition to, and not a limitation of, any product manufacturer's product warranties.
   b. GC to provide the Owner with manufacturer's operations and maintenance documentations (O&M manuals) for all products and systems installed in the project.
   c. Contractor to provide Owner with training for usage of all applicable products and systems.
   d. GC to provide the Owner with attic stock as listed throughout the specifications.
   e. GC to create and provide the Owner and Architect with digital copies of as-built drawings.

H. Summary of Work: Construction of a primarily slab on grade 2 story school building, with ancillary assembly spaces, level 4 finish. The general work includes:
   a. Site prep for footing and slab on grade foundation
   b. Site construction as indicated on relevant drawings
   c. Coordinating and installing all relevant structural, plumbing, mechanical and electrical components as per the Structural, MEP, and Architectural drawing sets.
   d. Coordinating and pouring concrete footings, foundations walls and slab.
   e. Coordinating and installing CMU bearing walls.
   f. Coordinating and installing steel structural framing.
   g. Constructing exterior building components, including exterior finishes and cladding systems, storefront systems, windows, and doors, roof and roof components, awnings, site components, signage, and all other components as outlined in the architectural drawings.
   h. Constructing interior building components CMU walls, relevant partitions, ceilings, flooring and finishes, and all other components as outlined in the architectural drawings.

DIVISION 02 - EXISTING CONDITIONS

Site to be cleared, leveled and prepared for construction. Refer to and coordinate with civil and structural dwgs for scope of work.

DIVISION 03 - CONCRETE

Refer to structural dwgs for scope of work.

DIVISION 04 - MASONRY

Scope to include CMU bearing walls and interior CMU demising walls. Refer to and coordiante with structural dwgs for scope of work.
Scope to include Brick units for exterior finish. Refer to and coordinate with structural drawings for acnorage scope.
   a. Brick B.O.D. to be Rinox, Normandie
   b. Color: To be determined.
   c. Bond: Running

DIVISION 05 - METALS

Provide, furnish and install all metals as outlined in the architectural drawings. General scope includes coordinating and installing structural steel columns, girders and beams at secondary locations.

A. Structural steel shall follow structural engineered plans and specifications.

B. Metal Pan Stairs
   a. Contractor to procure and install: preassembled steel stairs with concrete filled and formed metal treads, steel tube railings attached to metal stairs, steel tube handrails attached to walls adjacent to metal stairs.
   b. Contractor to submit shop drawings including plans, elevations, sections, details, and attachments to other work. Indicate sizes of metal sections, thickness of metals, profiles, holes, and field joints. Include plan at each level. Indicate locations of anchors, weld plates, and blocking for attachment of wall-mounted handrails. Delegated-Design Submittals for stair treads, landings, and railings not otherwise designed on the Drawings to include analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
   c. Delegated Design: Engage a qualified professional engineer to design stair treads, landings, and railings not otherwise designed on the Drawings, including attachment to building construction.
   d. Structural Performance:
      - Metal stairs treads and landings shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated: Uniform Load: 100 lbf/sq. ft.; Concentrated Load: 300 lbf applied on an area of 4 sq. in.; Uniform and concentrated loads need not be assumed to act concurrently; Limit deflection of treads, platforms, and framing members to L/360 or 1/4 inch, whichever is less.
      - Railings, including attachment to building construction, shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated: Handrails and Top Rails of Guards: Uniform load of 50 lbf/ft. applied in any direction; Concentrated load of 200 lbf applied in any direction; Uniform and concentrated loads need not be assumed to act concurrently. Infill of Guards: Concentrated load of 50 lbf applied horizontally on an area of 1 sq. ft. Infill load and other loads need not be assumed to act concurrently.
   e. Metal Surfaces: Provide materials with smooth, flat surfaces unless otherwise indicated. Components exposed to view to be provided without seam marks, roller marks, rolled trade names, or blemishes.
   f. Performance Requirements:
      - Steel Plates, Shapes, and Bars: ASTM A 36, Steel Tubing for Railings: ASTM A 500 (cold formed) or ASTM A 513
      - Steel Pipe for Railings: ASTM A 53, Type F or Type S, Grade A, Standard Weight (Schedule 40), unless another grade and weight are required by structural loads; Uncoated, Cold-Rolled Steel Sheet: ASTM A 1008 structural steel, Grade 25, unless another grade is required by design loads; exposed
      - Uncoated, Hot-Rolled Steel Sheet: ASTM A 1011 structural steel, Grade 30, unless another grade is required by design loads
      - Galvanized-Steel Sheet: ASTM A 653, G90 coating, structural steel, Grade 33, unless another grade is required by design loads.
      - Expanded-Metal, Carbon Steel: ASTM F 1267, Type I (expanded), Class I (uncoated). Style Designation: 3/4 number 13
      - Perforated Metal: Cold-rolled steel sheet, ASTM A 1008, or hot-rolled steel sheet, ASTM A 1011, commercial steel Type B, 0.060 inch thick, as indicated.
      - Cast Iron: Either gray iron, ASTM A 48/A 48M, or malleable iron, ASTM A 47/A 47M, unless otherwise indicated.
      - Provide anchors for embedding units in concrete, either integral or applied to units, as standard with manufacturer.
      - Apply bituminous paint to concealed surfaces of cast-metal units set into concrete.
      - Apply clear lacquer to concealed surfaces of extruded units set into concrete.
      -
   g. Fasteners
      - General: Provide zinc-plated fasteners with coating complying with ASTM B 633 or ASTM F 1941, Class Fe/Zn 12 for exterior use, and Class Fe/Zn 5 where built into exterior walls.
      - Fasteners for Anchoring Railings to Other Construction: Select fasteners of type, grade, and class required to produce connections suitable for anchoring railings to other types of construction indicated and capable of withstanding design loads.
      - Bolts and Nuts: Regular hexagon-head bolts, ASTM A 307, Grade A; with hex nuts, ASTM A 563 and, where indicated, flat washers.
      - Post-Installed Anchors: Torque-controlled expansion anchors or chemical anchors capable of sustaining, without failure, a load equal to six times the load imposed when installed in unit masonry and four times the load imposed when installed in concrete, as determined by testing according to ASTM E 488/E 488M, conducted by a qualified independent testing agency.
      - Material for Interior Locations: Carbon-steel components zinc plated to comply with ASTM B 633 or ASTM F 1941/F 1941M, Class Fe/Zn 5, unless otherwise indicated.
      - Hohmann and Barnard INC. Stone anchors types 304 and 316 -UNO

DIVISION 06 - WOODS AND PLASTICS

Scope to include pressure treated, fire rated lumber as specified in drawings.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

Contractor to ensure proper thermal and moisture protection of all footings, foundations, and entire building envelope to prevent water and moisture penetration through exterior walls, windows, doors and roofing systems.

A. Foundation waterproofing system shall be installed to create a complete watertight system. System shall consist of all sheet and liquid membranes, protection boards, drainage panels, drainage board, tapes and materials as required for the system to be watertight, when required by soil conditions, and/or the drawings.
   a. All components of waterproofing system shall be certified by the Mfr. to be compatible with each other.
   b. Waterstops, when required as per drawings or specifications to be adhered to membrane waterproofing with Mfr. recommended adhesive
   c. Apply double plies of sheet membrane around drains, pipes and other penetrations, extend 6" horizontally in all directions. Seal terminations thoroughly.
   d. Overlap membranes as per Mfr. recommended installation procedures, or 3" min if not specified by mfr.

B. Slab sheet membrane waterproofing
   a. Option A: Self-adhesive, cold applied composite sheet consisting of rubberized asphalt with cross-laminated polyethylene film permanently bonded to the outer surface.
      - Material basis of design Bituthene 4000 by Grace Construction Products or Blueskin WP200 by Henry. 60 mil nom. Tensile strength of 325 PSI min. Film 5000 lb/sq in, with a puncture resistance of 40 lbs min. and peel strength of 5 lb/in.
   b. Option B: Cold applied butyl membrane waterproofing
      - Material basis of design 0.120 butyl by Carlisle Coatings and Waterproofing. 0.120 mils nom. tensile strength (die C modified) of 300% min. Film 1200 lb/sq in, with puncture resistance of 180 lbs min and a peel strength of 5 lb/in.
   c. Contractor to follow MFR. installation recommendations.
   d. Minimum lapping: End Lap: 3" Min. Cut laps to be sealed with liquid membrane, lapping sheet membrane with liquid membrane. Apply additional flashings if required.
   e. Coordination: coordinate installation of foundation waterproofing, exterior wall air and moisture barrier, roofing membrane, windows, doors and other wall penetrations to provide a mfr approved continuously connected air and moisture barrier
   f. Do not allow membranes to be punctured.

C. Perimeter and under slab foundation insulation: high density extruded polystyrene foam, smooth and extruded skin surface. Basis of Design: Formular 250 by UC Industries
   a. At slab on grade locations:
      a. Thickness shall be not less than 3" to provide an R-15 value, as indicated in Architectural dwgs.
      b. Depth shall be a minimum of the first 24" down from top of grade.
   b. At basement foundation wall:
      a. Thickness shall be not less than 1.5" to provide an R-7.5 value, as indicated in Architectural dwgs.
      b. Insulation shall cover entire height of wall.
   c. Insulation to meet requirements in ASTM 578 and federal specifications HH 1524C for Type IV materials.

D. Misc. Building Insulation - Contractor to provide all additional insulation not explicitly specified in other sections (such as thermal, acoustic, rigid, blanket, batt). Where insulation is part of the exterior envelope of the building, install insulating material to form a continuous building enclosure without gaps by filling and taping all joints. Where insulation is part of the exterior building envelope and part of a wall cavity that extends more than 40', the rigid insulation utilized must conform to code and be recognized and certified as a fire resistave material, such as Thermafiber Rain Barrier 45, or Rockwool Comfort Board 80.

E. Rigid XPS Insulation (XPS Insulation - only in instances allowed as per FL 2018 IBC) - Extruded polystyrene, rigid, compliant with ASTM C578 Type IV with R-value (aged) of 5.0/inch at 75°F mean temperature when tested in accordance with ASTM C518, minimum compressive strength of 25 psi in vertical direction when tested in accordance with ASTM D1621, maximum water absorption of 0.1% by volume when tested in accordance with ASTM C272. Surface Burning Characteristics (in accordance with UL tests): Flame Spread - 5, Smoke Developed - 165.
   a. Panel thickness as shown on the Drawings and to provide at a minimum the R-value indicated on the drawings and in accordance with the FL 2018 IBC and current energy codes.
   b. Adhesive: Type recommended by insulation manufacturer. Apply mastic adhesive in six 2 inch diameter equally spaced daubs on the smooth side of panels to adhere to surface.
   c. Shape insulation around obstructions by means of saw, knife, or other sharp tool.

F. Mineral fiber blanket or batt insulation to have a minimum R-value as indicated on the architectural drawings. Sound attenuation to be Type I, density of 2.5lbs/cubic foot minimum.
   a. Insulation to be fungi resistant in accordance with ASTM C1338-00

G. Ensure that fibers are fully expanded and butt units tightly. Batt fibers to be cut to shape insulation around obstructions.

H. Foamed-In-Place Masonry Wall Insulation
   a. Acceptable manufacturers "Core-Fill 500" as manufactured by Tailored Chemical Products. No substitution allowed.
   b. Insulation shall be installed as per manufacture's recommendation and must come from the manufacturer pre-mixed to ensure consistency. Upon, request, a one year product and installation warranty will be issued by both the manufacturer and installer.
   c. Minimum Product Performance Standards:
      - Surface Burning Charctenstics: Maximum flame spread, smoke developed and fuel contributed of 0, 5 and 0 respectively.
      - Combusion Characteristics: Must be non combustible, Class A building material
      - Thermal Values: "R" Value of 4.91/inch @ 32 degrees F mean; ASTM C-177
      - Sound Abatement: Minimum Sound Transmission Class ("STC") rating of 44 for 8" wall assembly ASTM E90-90)

   d. Installation Gudlines: Fill all open cells and voids in hollow concrete masonry walls where shown on drawings. The foam insulation shall be pressured injected through a series of 5/8" to 7/8" holes drilled into every vertical column of block cells (every 8" on center) beginning at an approximate height of four feet from finished floor level. Repeat this procedure at an approximate height of ten feet above the first horizontal row of holes (or as needed) until the void is completely filled. Patch holes with mortar and score to resemble existing surface.

A. Masonry Coating

   a. B.O.D. StoColor Texture MediumAcrylic-Based, Vertical Above-Grade Exterior Coating for New Concrete, Stucco, and Masonry Construction in accordance with ASTM D1308, D7072, D7234, ASTM D1653 and StoColor Texture Fine Acrylic-Based, Vertical Above-Grade Exterior Wall Coating for New Concrete, Stucco, and Masonry Construction in accordance with ASTM D1308, D7072, D7234, ASTM D1653, ASTM D2697. Fine texture should be used under the water table.

   b. Materials:
      - Concrete and stucco substrate primer: Acrylic-based, tinted, high-pH compatible primer/sealere
      - Concrete masonry substrate primer: Acrylic-based masonry block-filler/primer. Single component acrylic-based primer, containing acrlicc polymer, and fine mineral fillers
      - Finish Coating: Single component acrylic-based coating, containing acrylic polymer, and colored pigments.

   c. Surface Preperation:
      - All surfaces must be clean, dry, sound and free of frost and contamination such as mildew, dirt, grease, oils, salts, efflorescence and any other contamination that may affect adhesion. Use appropriate repair methods for the substrate to repair pitting, spalls, cracks, delamination, weak surface conditions such as laitance, water damage, or other defects that may exist.
      - If pressure washing, follow necessary safety precautions and adjust pressure to avoid damage to the underlying substrate. For mold, algae, and mildew removal, treat surfaces with a compatible commercial mildew removal and/or wash product, carefully following manufacturer's application and saftety directions for use and handeling, including any special requirements when used in preparation for application of paints or coatings.
      - Coordinate installation with adjacent work to ensure proper sequence of construction. Protect adjacent areas and landscaping from contact due to mixing, handling and installation of materials.

   d. Mixing:
      - Mix Sto products in accordance with published literature for the product. Mix for up to 3 minutes using a slow-speed drill and paddle to a uniform consistency. Avoid entrapping air in the liquid while mixing.

   e. Application:
      a. Apply primer to a prepared substrate in accordance with written instructions presented on the Sto Product Bulletin for the primer product being used.
      b. For a Medium Texture -Apply two coats of StoColor Texture Medium at a rate of 50-75 ft^2 (4.6-8.0m^2) per gallon. Apply first coat directly to primed substrate and allow to dry completely before applying second coat.
         For a Fine Texture - Apply two coats of StoColor Texture Fine at a rate of 75-100 ft^2 (8.0-9.3m^2) per gallon, by brush roller or appropriate spray equipment. Apply first coat directly to primed substrate and allow to dry completely before applying a second coat.

   f. Protection:
      a. Provide protection of installed materials from water infiltration into or behind them.
      b. Provide protection of installed materials from dust, dirt, precipitation, freezing and continuous high humidity until they are fully dry.
      c. Provide coping and/or flashing at sills, projecting features, deck attachments, roof/wall intersections, parapets and similar construction details to prevent water entry into wall assembly or into and behind the coating system. Seal penetrations through the finished wall surface with backer rod and sealant or other appropriate means to provide a watertight condition.

I. FIBER-CEMENT PANEL
   a. Confirms to ASTM E-84, ASTM E 330, ASTM E 331, FBC-Test Protocol HVHZ 202 & 203, NFPA 285, NFPA 268
   b. B.O.D. Nichiha Fiber-Cement Panel. Nichiha USA, 3150 Avondale Mill Rd, Macon, GA 301216, USA
   c. Series: Vintagewood Wood Series
   d. Orientation: Vertical
   e. Location: Entrance walls below canopies & Underside of canopy
   f. Color: Cedar or similar to be determined to client

J. Fire Resistive Spray Material
   a. Install sprayed fire-resistive material (sprayed fireproofing) on steel members and deck assemblies at a thickness that will meet the required fire-resistance rating for building separation requirements under the FL 2018 IBC.
   b. Provide cementitious type sprayed fireproofing only. Sprayed fiber, such as sprayed mineral wool, is not permitted.
   c. Apply manufacturer's recommended latex sealer over all regular weight fireproofing.
   d. Thickness of the sprayed fireproofing shall be enough to provide required fire rating in accordance with the FL 2018 IBC and Drawings, but at a minimum of .375". Thicknesses shall be based on unrestrained assemblies. Ratings are shown on Drawings for members and assemblies.

K. Intumescent Fireproofing - NOT APPLICABLE FOR THIS BUILDING
   a. Concealed structural members without the clear space to accommodate sprayed fire resistive materials, shall receive intumescent fire resistive coating.
   b. All steel to receive intumescent fireproofing is to be primed, with exterior and cavity wall application to receive zinc metallizing prior to priming. Primer and finish coats used are to be acceptable to the intumescent fireproofing manufacturer.
   c. Intumescent fireproofing is to have a smooth, even finish appearance.
   d. Thickness of intumescent fireproofing applied to structural elements and decks shall be in accordance with the AWCI Technical Manual 12 B.
   e. Intumescent coating shall be acceptable by the FL 2018 IBC, and approved by UL Laboratories as an acceptable product to achieve the required rating indicated on the drawings.

L. Fire Stopping and Smoke Seals
   a. Provide firestopping at all penetrations and juncture joints of fire-rated walls, floors and ceilings in accordance with the requirements of the FL 2018 IBC.
   b. Firestopping and Smoke Seals shall be provided, but not limited to the following specific locations: Penetrations for the passage of duct, cable, cable tray, conduit, piping and electrical busways and raceways through fire-rated vertical barriers (walls and partitions), horizontal barriers (floor slabs and floor/ceiling assemblies), and vertical service shafts; Openings between floor slabs and storefront walls and fire rated walls and storefront walls; Openings between structurally separate sections of walls or floors; Construction Joints between the top of walls and floor or roof slab and steel deck assemblies, or, concrete floor or roof slab; Expansion joints in walls and floors; Openings and penetrations in fire-rated partitions or walls containing fire doors; Locations shown specifically on the Drawings.
   c. Firestopping materials shall be UL Classified as "Fill, Void or Cavity Material" for use in Through-Penetration Firestop Systems.
   d. Firestop Systems shall provide a fire resistance rating at least equal to the hourly resistance rating of the fire-rated barrier and resist passage of smoke and other gases.
   e. Install firestopping system in accordance with the mfr instructions to obtain the fire-rating required at the specific location.
   f. Provide escutcheons for piping at each side of penetration.

M. Roofing - TPO Roof membrane system
   a. Contractor to install mechanically fastened single ply reinforced white TPO membrane roofing system. Membrane to a minimum thickness of .060 mil
   b. All flashing membranes shall be of type specified by roofing system Mfr. for use in conjunction with specified TPO membrane roof
   c. All roof penetrations and flashings shall be properly sealed to maintain a watertight assembly as recommended by roofing system Mfr.
      - Pipe penetrations shelled be flashed via a pre-molded flexible pipe flashing
      - Small penetrations shall be sealed via an elastomeric 2 part urethane rubber seal system
      - Pitch pockets to be sealed in manner as recommended by Versico or eq. roof Mfr.
   d. All roofing, flashing, sheet metal work, and roof insulation to be watertight and free from defects. Contractor to provide a 2 yr guarantee for roof system workmanship. Provide Mfr. 20 yr min warranty for roofing system.

N. Flashing and sheet metal
   a. Parapet coping cap to be minimum 20 GA galvanized steel, finish to match exterior wall color
   b. Coping shall be site formed from coil stock, field welded and sealed. All ends, edges and seams shall be sealed to prevent moisture penetration. Refer to architectural dwgs for balance of design in regards to coping types, and intergration between coping and ACM trim. Copings to be of face fastened type with clip and counter clips.
   c. Coping sheet metal to be embedded in continuous bed of sealant
   d. Overlap joints as per pitch, a minimum of 4". Coping to pitch 1"/12" towards the roof. Use treated blocking or cants as required to achieve pitch.
   e. Follow SMACNA "Architectural Sheet Metal Manual" recommendations
   f. Coping to be installed using Mfr. clip system without exposed fasteners

O. Roof Accessories
   a. Ensure drain is free and clear of all debris. Protect roof membrane from damage.
   b. Provide scuppers and associated flashing as required for proper drainage and to achieve fully watertight roof installation.
   c. Provide roof hatches, roof vents, drains, access doors, roof curbs, drainage accessories as indicated in the Drawings.
   d. Install prefabricated curbs and pipe portals as per manufacturer's instructions and in a setting bed of modified flashing cement. Mechanically anchor using adhesive anchors.

P. Sealants and Caulk Sealants shall be provided as per architectural drawings, specifications, and building product Mfr. installation instructions.
   a. Type 1: One part low-medium modulus silicone sealant (+/- 50% movement) ASTM C920 classifications type S, grade NS, class 25, uses NT, M, G, and A; (Dow 791 or Spectrem 2). To be used at joints one inch wide or less (where movement may occur), in interior or exterior applications, including expansion joints; masonry to masonry joints, concrete construction joints, metal to masonry or concrete (including at window and door frames to masonry), metal to metal, sheet metal to masonry and concrete, and locations requiring acoustic sealant.
   b. Type 2: One part ultra low modulus neutral cure silicone sealant ASTM C920 classifications type S, grade NS, class 25, uses NT, M, G, A and O (Dow 790 or Spectrem 1). To be used at joints in which movement occurs, such as areas around windows, storefront systems, door frames, (other than when the joint is to masonry or concrete); metal coping and other general locations where movement occurs. Provide custom color at windows and doors to match frame colors.
   c. Type 3: One-part butyl rubber sealant (Tremco Butyl) -Curing. For concealed areas at roof repair / coping, for limited movement, sealing porous surfaces – such as but not limited to bed seals at masonry, foam closure ends, fiber cement panel end lap seals, and flashing to air vapor barrier sheet
   d. Type 4: One-part butyl rubber sealant (Tremco Butyl) –Non-Curing. For fiber cement panel side perimeter seals where movement may occur, such as but not limited to, panel and flashing laps, sidewall flashing/ cleat engagement, and panel eaves.
   e. Type 5: Butyl Tape (Sika Industries) For flashing and lap joints, and to seal end laps at roofing, air/vapor barriers, cladding underlayment or fiber cement panels systems, to provide webbed mastic seal to endlaps and closures.
   f. Type 6: polyurethane for gutter and downspout seals, fiber cement exposed panels.
   g. Provide backer rod at joint sealant locations as recommended by sealant Mfr.. Backer rod to be extruded closed cell polyethylene foam or polyethylene jacketed polyurethane foam , non bleeded, non staining, oversized 30 to 50%
   h. Provide bond breaker or primer at substrates as recommended by sealant Mfr.

DIVISION 08 - DOORS, WINDOWS, AND SKYLIGHTS

A. All doors and windows to have full warranty, covering replacement, rehanging, and refinishing of all doors and windows which develop defects in materials and workmanship. Protect aluminum window and door components from direct contact with dissimilar metals and concrete. Provide galvanic insulator for galvanic reactions and bituminous paint for dissimilar surface contact. Follow Mfr. recommendations to ensure weathertight assembly, including ensuring that all fasteners, joints, and sealants are in accordance with Mfr. recommendations.

B. Wood Doors: Confirm stain / finish/ veneer species selection with Owner prior to purchase. Faces shall be assembled with Type I waterproof glue and shall be 2-Ply Construction for AWS Five (5) Ply doors, constructed per AWI's Architectural Woodwork Standards (current edition), Section 9 - Doors, Premium Grade, SCL-5. Doors to be prefinished and comply with AWS Section 5, Finishing Recommendations. Each vertical stile shall be full length hardwood to be matching and the same species as the face veneer. Provide 3/8" undercut all doors U.N.O. on drawings.

C. Hollow metal doors: construct interior doors and frames to comply with the standards indicated for materials, fabrication, hardware, tolerances, and clearances as specified NAAMM-HMMA 861. Physical performance to be level A according to SDI A240.
   a. Interior Doors - refer to door schedule in architectural drawings for type and finish specifications. Face to be uncoated, cold rolled steel sheet, minimum thickness of .042" 18 GA. Thickness to be 1 ¾". Edge to be continuously welded with no visible seam. Core to be steel stiffened. Door shelled be primed and pre tapped and mortised for hardware
   b. Interior Door Frames to be constructed from .053", 16 GA thick (min.) uncoated steel sheet, f, full profile welded construction, material shall be cold rolled steel sheet ASTM A 1007M, Commercial Steel (CS), Type B, suitable for exposed applications. .042" thick (Min.) stud wall anchors to be welded to back of frames. .042" thick (Min.) clip type floor anchors fabricated from the same material as frame, with two holes to receive fasteners to be provided at each jamb.Frames more than 42" wide mounted in metal stud partitions two anchors per head shall be provided. Provide countersunk, flat or oval head exposed screws and bolts for exposed fasteners UON. Frames to be primed , pre tapped and mortised for hardware. Grout guards to be formed from same material as frames, not less than .016" thick. Mineral fiber insulation shall be ASTM C 665, Type I, passing ASTM E 136 for combustion characteristics
   c. Exterior Metal Doors to be steel with insulated core Minimum u-value of .57. Paint finish to match exterior wall

D. Ribbon windows system to be 2.5" deep thermally broken aluminum mullion.
   a. B.O.D. Aluprof MB-70HI
   b. Performance requirments: system and anchorage to withstand wind load design pressure for zone four +16/-16 psf.
   c. Conductive thermal transmittance for the assembly shall not be more than .41 BTU/hr ft2 F as per NFRC100.
   d. U-Value for assembly shall be better than .5.
   e. Condensation resistance factor shall be min. 71
   f. Finish shall be color - client to determine
   g. Installtion method and wall placement location shall provide a complete watertight seal

E. Exterior Curtain Wall system doors B.O.D. Aluprof SR50N EFECT as indicated in architectural drawings
   a. Vertical stile 2 1/2"; top rail 2 15/16", bottom rail 6 7/8"
   b. Hardware to be push plate/ pull handle with door closer, keyed deadbolt, master key access for all tenancies, individual key for each tenant
   c. Finish shall be kawneer permanodic in color anodized aluminum black, finish #14 architectural class I

F. Glazing Units
   a. All glazing to conform with leading industry organization standards. Glass to conform with ASTM C1036, ASTM C1048, ASTM C1172, ASTM E2190.
   b. GLAZING UNIT - (WINTER) GLASS U VALUE: FIXED ≤ 0.5, OPERABLE ≤.65, ENTRANCE DOORS ≤.83 - SOLAR HEAT GAIN COEFFICIENT: ≤0.25
   c. SPANDREL GLASS SHALL BE THE SAME INSULATED CONSTRUCTION AND U-VALUE. COLOR: TO MATCH GLAZING COLOR

G. Door hardware
   a. Contractor to coordinate keying and lock type requirements with Owner and Architect
   b. Refer to door schedule and hardware set schedule for hardware specifications
   c. Provide button style wall stops to protect adjacent walls as required

DIVISION 09 - FINISHES

Contractor to furnish and install all components required for the finish scope of the project as indicated in contract docs, architectural drawings, and specifications

A. Gypsum wall board
   a. Gypsum Wall Board, Joint Compound and accessones shall conform with ASTM C473, C475, C840, C1002, C1047, C1278, C1388, C1396, D3273, G21.
   b. All gypsum panels shall be mold and mildew resistant UON., for both walls and ceiling applications.
   c. At wet locations where wall tile is to be used, 5/8" reinforced cementitious tile backer board, shall be used in lieu of gyp. wall bd.
   d. All interior partitions in lobby to be 5/8" impact resistant gypsum wallboard type.
   e. All exposed gypsum board to be finished to level 5 finish according to UGA 214 and industry standards.
   f. Gypsum boards shall be hung horizontally, with vertical joints staggered. All vertical joints to occur on solid blocking or studs below
   g. Gypsum boards shall be fastened and taped according to Mfr. instructions and industry standards. Joint reinforcement shall be as recommended by Mfr. to prevent cracking
   h. Edges and corners of gypsum board installations shall be finished and reinforced with aluminum reglets by fry reglet as indicated in drawings. All non-specified corners to be finished with zinc coated corner beads embedded in joint compound, coated to level 5 finish.
   i. Fire rated assemblies requiring a shaft wall liner panel shall use a 1" thick type X gypsum shaft wall liner compliant with UL listing listed in wall type.
   j. Exterior gypsum board panels (Dense Glass) shall have glass mat facings both front and back, and shall be rated for exterior use. Gypsum panels shall be 5/8" mold and mildew resistant type "X" U.O.N.

B. Metal wall framing
   a. Contractor to provide and install metal studs as indicated in Architectural drawings and wall type specifications. Steel studs shall comply with ASTM C645. All fire rated shaft construction to comply with steel requirements as listed by UL.
   b. Studs shall be rated for height spans indicated.
   c. Framing members shall be fastened via #6 self tapping screws, min. 45 lbs pullout strength
   d. Stud framing shall have horizontal reinforcement banding or blocking every 8'-0" vertically UON
   e. GC shall place blocking for all wall mounted plumbing fixtures and grab bars

C. Acoustic Ceiling tile
   a. Acoustical ceiling tiles, suspension system, trim moldings and hangers are to comply with ASTM A1008, A641, A653, C423, C635, C636, D3273, E84, E119 and shall be installed as per Mfr. instructions for seismic design category B.
   b. Acoustic panels shall be exposed grid lay in mineral fiber tegular panel - Certainteed tegular edge 24"x24"
   c. Suspension system to be Armstrong Prelude ML 15/16" exposed trim system, factory coated in Blizzard White
   d. Suspension system grid to be suspended from deck above via ASTM A641 class 1 zinc coated soft annealed wire hangers and ties with yield stress load of 3x design load but not less than 12 GA. Main beams shall be suspended from overhead construction via hanger wires spaces 4'0" O.C. along the length of the runner. All installation shall ensure tegular acoustical lay in panel sits properly and securely with no visible gap.
   e. Wall edges to be support via hemmed angle moldings to match, fasted to wall
   f. Attachment devices to be direct hung, sized 5x design load indicated in ASTM C635

D. Floor finishes
   a. Contractor to coordinate floor finishes with Owner. Building design to be level 3 WDS with tenant space vanilla box.
   b. Contractor to ensure level floor transitions (such as via reducers) between tile, LVT, and concrete flooring, to meet accessibility requirements of the prevailing codes.
   c. LVT - luxury vinyl tile- LVT selections as per Interior Designer and client.
      - Minimum 20 mil wear layer
      - Ensure subfloor is level and crack free prior to installation of LVT
   d. Tile flooring (ceramic or porcelain)
      - Tile to be installed on bathroom floors as per Interior Designer and client direction, and to meet code requirements as noted on bathroom sheet.
      - Porcelain floor tile to have ⅜" min. Thickness with rectified edges
      - Tile to be installed via thin set tile method using latex portland cement mortar bed as per ANSI A118.4
      - Grout to be polymer modified portland cement tile grout as per ANSI A118.7
      - Crack isolation membrane to be installed as required

E. Wall finishes
   a. Bathroom walls shall have ceramic tile to ceiling UNO, coordinate with interior designer.
   b. Ceramic wall tile to have 1/4" min. thickness
   c. Tile to be installed via thin set tile method using latex portland cement mortar bed as per ANSI A118.4
   d. Grout to be polymer modified portland cement tile grout as per ANSI A118.7

F. Paint
   a. Contractor to prep, prime and paint all exposed interior gypsum surfaces
   b. Ensure walls are clean and free of debris prior to painting, protect adjacent surfaces
   c. Gypsum walls to receive (Benjamin Moore used as basis of design), color to be selected/approved by Owner
      - Primer - min. 1 coat BM Fresh start high hiding primer (046)
      - Finish - 2 coats BM Ultra spec 500 eggshell finish(538)
   d. Metal and wood door frames and trim
      - Primer - min. 1 coat BM Fresh start high hiding primer (046)
      - Finish - 2 coats BM Ultra spec 500 gloss finish(538)

DIVISION 10 - SPECIALTIES

A. Signage
   a. Contractor to furnish and install all signage and unit numbers as indicated on architectural drawings
   b. Contractor to install tactile signage at exits, bathrooms and as specified in ADA guidelines

Elevator System and Components:

A. Passenger elevator:
   - Basis of design: Schindler 3100 MRL Gearless Traction Elevator.
   - Equipment Summary: Machine Room Less (MRL), Side Counterweight Location, Machine Location: Top of the hoistway mounted on car and counterweight guide rails, Control Space Location: Top landing entrance frame or entrance frame at one floor below the top landing
   - Service: General Purpose Passenger, UNIT 1 - 2100lbs capacity, right door hand, 100 fpm speed, 15' 4" height travel, 2 landings, no rear doors, Microprocessor Single Car Automatic Operation
   - Cab Dimensions: Unit 1 - Clear Inside Dimensions: 5' 9 5/16"Wide X 4' 4-7/8" Deep, Cab Height: 7' 9"
   - Guide Rails: Equivalent to 12 lb. per foot
   - Entrance Type and Width: 2-Speed Side Opening (2S50) 3' 0" Wide X 7' 0" High doors, Entrance Height: 7'-0"

B. Freight elevator:
   Basis of design: Schindler 3300XL MRL Gearless Traction Elevator.
   - Equipment Summary: Machine Room Less (MRL), Side Counterweight Location, Machine Location: Top of the hoistway mounted on car and counterweight guide rails, Control Space Location: Top landing entrance frame or entrance frame at one floor below the top landing
   - Service: Hospital/service, UNIT 2 - 5000lbs capacity, left door hand, 150 fpm speed, 15' 4" height travel, 2 landings, no rear doors, Microprocessor Single Car Automatic Operation
   - Cab Dimensions: Unit 2 - Clear Inside Dimensions: 5' 10-7/8"Wide X 8' 8-5/16" Deep, Cab Height: 7' 9"
   - Guide Rails: Equivalent to 12 lb. per foot
   - Entrance Type and Width: 2-Speed Side Opening (2S50) 4' 6" Wide X 7' 0" High doors, Entrance Height: 7'-0"

   - Power Supply: To be coordinated between GC, Electrical Engineer, Electrician, and Elevator Mfr. Basis of design: 208 Volts 3 Phase 60 Hz.
   - Performance: Car Speed: -10% to +5% of contract speed under any loading condition or direction of travel. Car Capacity: Safely lower, stop and hold up to 125% of rated load per code.
   b. Refer to external provided elevator specs for additional specification information. All elevator components to be as recommended by Schindler or Architect approved equal mfr.
   c. Verify hoistway is constructed in accordance with ASME17.1 /CSA B-44 and all local codes, with maintainable temperatures as recommended by elevator mfr. that shaft and openings are of correct size and tolerances, that adequate electrical power is provided.
   d. Install elevator and all systems and components in accordance with applicable regulatory requirements including ASME A17.1 /CSA B-44 and the manufacturer's instructions. Perform all quality control tests as required by AHJ and regulatory requirements.
   - Schedule tests with agencies and Architect and Contractor present.
   - Submit test and approval certificates issued by jurisdictional authorities.
   e. Adjust for smooth acceleration and deceleration of car so not to cause passenger discomfort
   f. Adjust automatic floor leveling feature at each floor to provide stopping zone of 1/4 inch (6 mm) within landing

A. CANOPIES
   a. B.O.D. Mapes Architectural Canopies. Contact: 888.273.1132, canopy@mapes.com, 7748 North 56th Street, Lincoln, NE 68514.
      - Style: Louvers
      - Support:Cantilever
      - Frame Profile: Flat face, tapered from 12" to 8", ref drawing details.
      - Color: TBD in shops
      - Drainage: Scupper
      - Infill lights

COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code:	2020 Florida - 7th Edition
Project Title:	Okeechobee Boy's School
Location:	Okeechobee, Florida
Climate Zone:	2a
Project Type:	New Construction
Vertical Glazing / Wall Area:	16%

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)
Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Building Area	Floor Area
1-School/University : Nonresidential	30662

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor: Unheated Slab-On-Grade, [Bldg. Use 1 - School/University] (c)	1074	---	---	0.730	0.730
Roof: Insulation Entirely Above Deck, 3-Year-Aged Solar Reflectance Index = 55.00, Thermal Emittance = 0.75 (d), [Bldg. Use 1 - School/University]	30662	---	25.0	0.039	0.039
NORTH					
Ext. Wall: Concrete Block, 8in., Solid Grouted, Light Density, Furring: None, [Bldg. Use 1 - School/University]	10387	---	5.7	0.124	0.151
Door: Insulated Metal, Swinging, [Bldg. Use 1 - School/University]	82	---	---	0.390	0.610
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID B2020200, SHGC 0.33, [Bldg. Use 1 - School/University] (b)	203	---	---	0.830	0.830
Window: Metal Frame: Fixed, Perf. Specs.: Product ID B2020200, SHGC 0.33, [Bldg. Use 1 - School/University] (b)	1319	---	---	0.500	0.500
Window: Metal Frame: Operable, Perf. Specs.: Product ID B2020200, SHGC 0.33, [Bldg. Use 1 - School/University] (b)	158	---	---	0.650	0.650
EAST					
Ext. Wall: Concrete Block, 8in., Solid Grouted, Light Density, Furring: None, [Bldg. Use 1 - School/University]	6235	---	5.7	0.124	0.151
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID B2020200, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	43	---	---	0.830	0.830
Window: Metal Frame: Operable, Perf. Specs.: Product ID B2020200, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	30	---	---	0.650	0.650
Window: Metal Frame: Fixed, Perf. Specs.: Product ID B2020200, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	236	---	---	0.500	0.500
SOUTH					
Ext. Wall: Concrete Block, 8in., Solid Grouted, Light Density,	10387	---	5.7	0.124	0.151

Project Title: Okeechobee Boy's School Report date: 12/14/23
Data filename: Page 1 of 12

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Furring: None, [Bldg. Use 1 - School/University]					
Window: Metal Frame: Fixed, Perf. Specs.: Product ID B2020200, SHGC 0.40, PF 0.50, [Bldg. Use 1 - School/University] (b)	1960	---	---	0.500	0.500
Window: Metal Frame: Operable, Perf. Specs.: Product ID B2020200, SHGC 0.40, PF 0.50, [Bldg. Use 1 - School/University] (b)	260	---	---	0.650	0.650
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID B2020200, SHGC 0.40, PF 0.50, [Bldg. Use 1 - School/University] (b)	191	---	---	0.830	0.830
WEST					
Ext. Wall: Concrete Block, 8in., Solid Grouted, Light Density, Furring: None, [Bldg. Use 1 - School/University]	5420	---	5.7	0.124	0.151
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID B2020200, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	42	---	---	0.830	0.830
Window: Metal Frame: Operable, Perf. Specs.: Product ID a, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	135	---	---	0.650	0.650
Window: Metal Frame: Fixed, Perf. Specs.: Product ID a, SHGC 0.25, [Bldg. Use 1 - School/University] (b)	730	---	---	0.500	0.500

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance index >= 55.0 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 8% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 Florida - 7th Edition requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Okeechobee Boy's School Report date: 12/14/23
Data filename: Page 2 of 12

RISE | FL architecture

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CIVIL CONSULTANT:

DESIGNER CONSULTANT:

REVISIONS:

NO.	DATE	DESCRIPTION
1	01/20/23	DD SET

CLIENT: LAKEFRONT ESTATES

PROJECT NAME / LOCATION: LAKEFRONT BOY'S SCHOOL OKEECHOBEE, FL

DRAWING TITLE: GENERAL NOTES & SPECIFICATIONS

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

STATE OF FLORIDA SHIMON GREENEBAUM AR102415 REGISTERED ARCHITECT
Shimon E Greenebaum

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

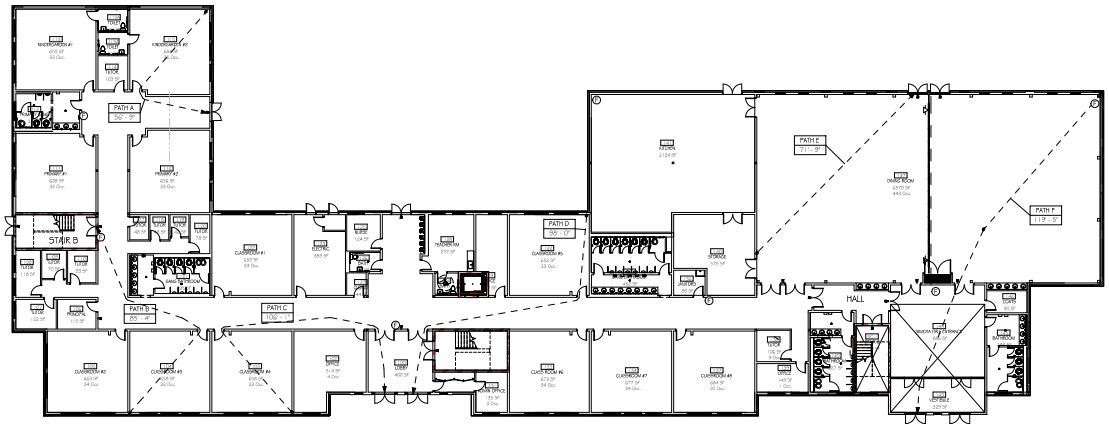
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PROJECT NO:	NJ 079

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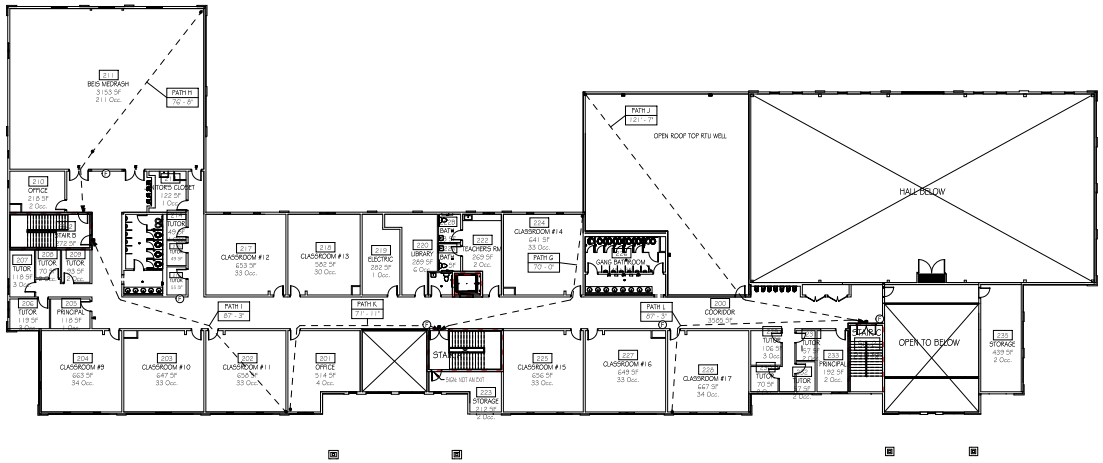
BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

12/14/2023 4:28:19 PM



1 Level 1 - LIFE SAFETY
1/16" = 1'-0"



2 Level 2 - LIFE SAFETY
1/16" = 1'-0"

LIFE SAFETY LEGEND

- 7' Length — PATH OF TRAVEL TAG
- PATH OF TRAVEL
- 2 HEAD EMERGENCY LIGHT
- 2 HEAD EMERGENCY LIGHT EXIT SIGN COMBO
- EXIT SIGN CEILING
- PARALLEL
- PERPENDICULAR
- 0.5 HOUR RATED WALL
- 1 HOUR RATED WALL
- 2 HOUR RATED WALL
- 1 HOUR RATED HORIZONTAL SEPERATION
- 2 HOUR RATED HORIZONTAL SEPERATION ABOVE
- 3 HOUR RATED HORIZONTAL SEPERATION ABOVE
- FIRE EXTINGUISHER
- AREA OF REFUGE SIGNAGE

NOTE: NO ADR REF, KEY CODE SHEET

NOTE: FIRE RATING AT ONE STORY EXIT ACCESS STAIR TOWER NOT REQUIRED, BUT PROVIDED FOR FUTURE EXPANSION OF BASHTS.

OCCUPANCY SCHEDULE (ROOM BASED)

NUMBER	NAME	AREA	LOAD CALCULATION: 2014 OCC CLASSIFICATION	LOAD CALCULATION: AREA PER OCCUPANT	LOAD CALCULATION: OCCUPANTS	LOAD CALCULATION: Use Group
Level 1						
108	OFFICE	514 SF	Business Areas	150 SF	4	B
109	CLASSROOM #4	656 SF	Educational classroom	20 SF	33	E
104	CLASSROOM #3	656 SF	Educational classroom	20 SF	33	E
105	CLASSROOM #2	663 SF	Educational classroom	20 SF	34	E
106	PRINCIPAL	115 SF	Business Areas	150 SF	1	B
107	TUTOR	122 SF	Educational shops and vocational area	50 SF	3	E
108	TUTOR	115 SF	Educational shops and vocational area	50 SF	3	E
109	TUTOR	70 SF	Educational shops and vocational area	50 SF	2	E
110	TUTOR	93 SF	Educational shops and vocational area	50 SF	2	E
111	PRIMARY #1	656 SF	Educational classroom	20 SF	33	E
113	KINDERGARDEN #1	653 SF	Educational classroom	20 SF	33	E
114	TUTOR	105 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
115	KINDERGARDEN #2	694 SF	Educational classroom	20 SF	35	E
116	PRIMARY #2	656 SF	Educational classroom	20 SF	33	E
117	TUTOR	98 SF	Educational shops and vocational area	50 SF	1	E
118	TUTOR	98 SF	Educational shops and vocational area	50 SF	1	E
119	TUTOR	82 SF	Educational shops and vocational area	50 SF	1	E
120	TUTOR	98 SF	Educational shops and vocational area	50 SF	2	E
122	CLASSROOM #1	653 SF	Educational classroom	20 SF	33	E
123	ELECTRIC	282 SF	Accessory storage areas, mechanical equipment room	300 SF	2	S
124	SPRINKLER	94 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
125	NURSE	124 SF	Business Areas	150 SF	1	B
126	TEACHER RM	272 SF	Business Areas	150 SF	2	B
131	ADMIN OFFICE	151 SF	Business Areas	150 SF	3	B
132	CLASSROOM #5	656 SF	Educational classroom	20 SF	33	E
133	CLASS ROOM #6	673 SF	Educational classroom	20 SF	34	E
134	CLASSROOM #7	677 SF	Educational classroom	20 SF	34	E
136	JANITORS	80 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
137	CLASSROOM #8	694 SF	Educational classroom	20 SF	35	E
138	TUTOR	106 SF	Educational shops and vocational area	50 SF	3	E
139	OFFICE	149 SF	Business Areas	150 SF	1	B
140	STORAGE	575 SF	Accessory storage areas, mechanical equipment room	300 SF	2	S
141	KITCHEN	2,124 SF	Kitchens, commercial	200 SF	11	A - KITCHEN
147	DINING ROOM	6570 SF	Assembly uncconcentrated (tables and chairs)	15 SF	438	A - DINING RM
148	PANTRY/N CLOSET	24 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
		19676 SF			889	
Level 2						
201	OFFICE	514 SF	Business Areas	150 SF	4	B
202	CLASSROOM #11	656 SF	Educational classroom	20 SF	33	E
203	CLASSROOM #10	647 SF	Educational classroom	20 SF	33	E
204	CLASSROOM #9	663 SF	Educational classroom	20 SF	34	E
205	PRINCIPAL	115 SF	Business Areas	150 SF	1	B
206	TUTOR	115 SF	Educational shops and vocational area	50 SF	3	E
207	TUTOR	115 SF	Educational shops and vocational area	50 SF	3	E
208	TUTOR	70 SF	Educational shops and vocational area	50 SF	2	E
209	TUTOR	93 SF	Educational shops and vocational area	50 SF	2	E
210	OFFICE	514 SF	Business Areas	150 SF	4	B
211	BEG MEDRASH	3,153 SF	Assembly uncconcentrated (tables and chairs)	15 SF	211	A - BEG MEDRASH
213	JANITOR'S CLOSET	122 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
214	TUTOR	98 SF	Educational shops and vocational area	50 SF	1	E
215	TUTOR	98 SF	Educational shops and vocational area	50 SF	1	E
216	TUTOR	95 SF	Educational shops and vocational area	50 SF	2	E
217	CLASSROOM #12	653 SF	Educational classroom	20 SF	33	E
218	CLASSROOM #13	562 SF	Educational classroom	20 SF	30	E
219	ELECTRIC	282 SF	Accessory storage areas, mechanical equipment room	300 SF	1	S
220	LIBRARY	269 SF	Educational shops and vocational area	50 SF	6	E
222	TEACHERS RM	329 SF	Business Areas	150 SF	2	B
223	STORAGE	212 SF	Business Areas	150 SF	2	B
224	CLASSROOM #14	641 SF	Educational classroom	20 SF	33	E
225	CLASSROOM #15	656 SF	Educational classroom	20 SF	33	E
227	CLASSROOM #16	649 SF	Educational classroom	20 SF	33	E
228	CLASSROOM #17	667 SF	Educational classroom	20 SF	34	E
229	TUTOR	106 SF	Educational shops and vocational area	50 SF	3	E
230	TUTOR	70 SF	Educational shops and vocational area	50 SF	2	E
231	TUTOR	97 SF	Educational shops and vocational area	50 SF	2	E
232	TUTOR	97 SF	Educational shops and vocational area	50 SF	2	E
233	PRINCIPAL	192 SF	Business Areas	150 SF	2	B
235	STORAGE	439 SF	Accessory storage areas, mechanical equipment room	300 SF	2	S
Grand total		12427 SF			553	
		32342 SF			1442	

PATH OF TRAVEL SCHEDULE

MARK	LENGTH	INCLUDE EXIT ACCESS STAIRS	LENGTH OF STAIRS	TOTAL EGRESS LENGTH
Level 1				
PATH A	50' - 9"	No	0' - 0"	50' - 9"
PATH B	85' - 4"	Yes	25' - 6"	110' - 10"
PATH C	100' - 1"	No	0' - 0"	100' - 1"
PATH D	88' - 0"	No	0' - 0"	88' - 0"
PATH E	71' - 9"	No	0' - 0"	71' - 9"
PATH F	118' - 5"	No	0' - 0"	118' - 5"
Level 2				
PATH G	70' - 0"	Yes	23' - 1"	93' - 1"
PATH H	70' - 8"	Yes	25' - 6"	102' - 2"
PATH I	87' - 3"	Yes	25' - 6"	112' - 9"
PATH J	121' - 7"	Yes	21' - 3"	142' - 9"
PATH K	71' - 11"	Yes	23' - 1"	95' - 0"
PATH L	97' - 3"	Yes	21' - 2"	108' - 5"

STAIR CAPACITY SCHEDULE

Mark	STAIR WIDTH	CAPACITY (TO 2)
STAIR A	60 in	330
STAIR B	60 in	300
STAIR C	60 in	300
Grand total: 3	180 in	930

RISE | FL architecture

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CIVIL CONSULTANT

DESIGN & CONSULTANT

REVISIONS
NO. DATE DESCRIPTION
1 01/20/23 DD SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LIFE SAFETY

EXAMINER'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
REGISTERED ARCHITECT
AR102415
Shimon E. Greenbaum
SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE As indicated
DATE 1/20/2023
PROJECT NO. NJ 079

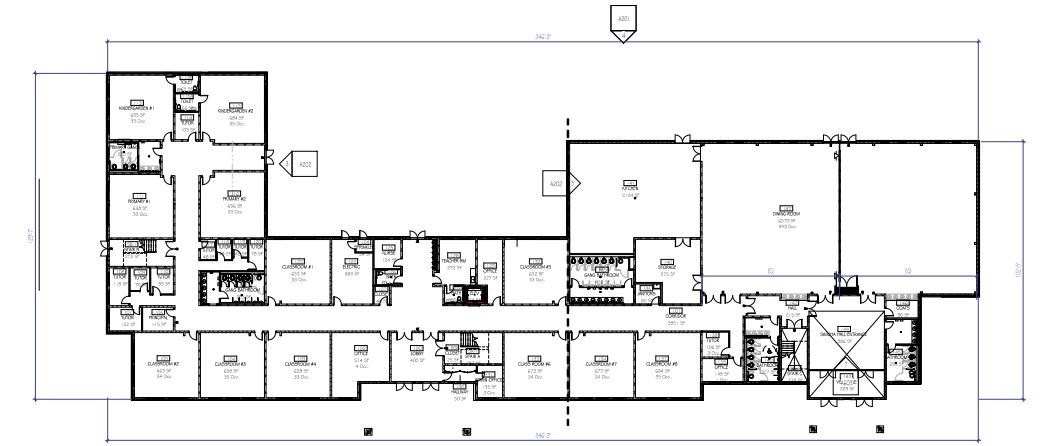
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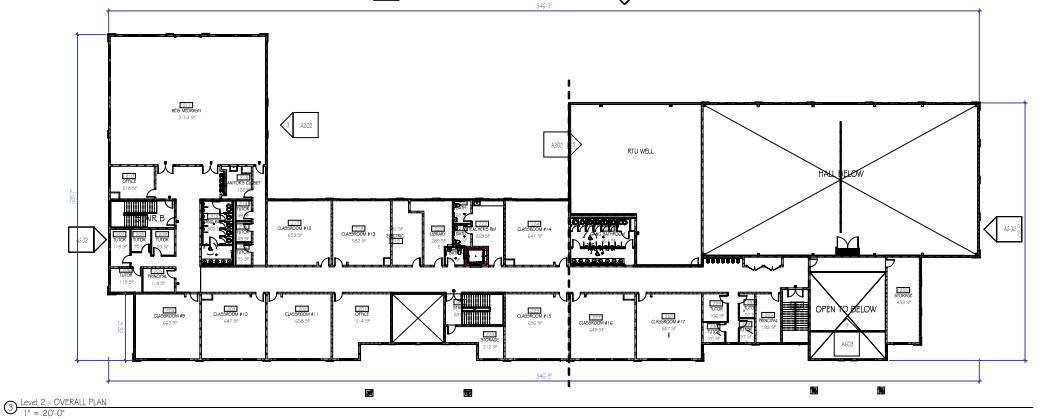
BARCODE

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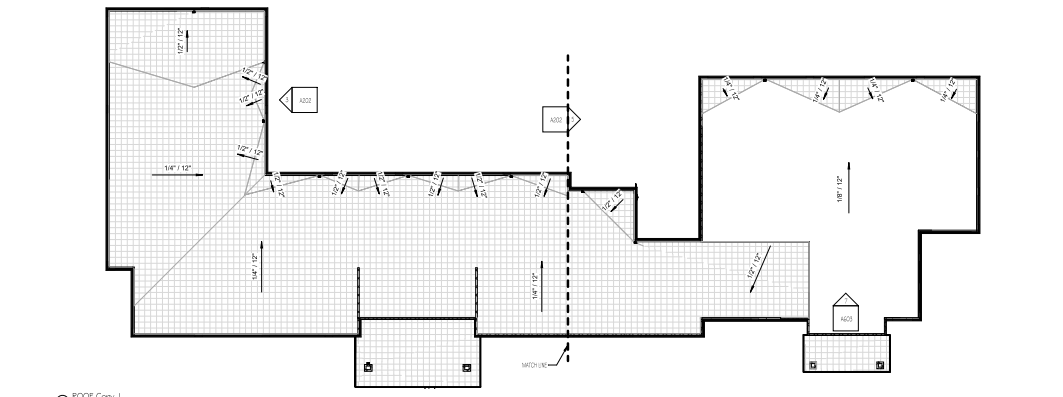
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1 Level 1 - OVERALL PLAN
1" = 20'-0"



3 Level 2 - OVERALL PLAN
1" = 20'-0"



2 ROOF Copy 1
1" = 20'-0"

RISE | FL
architecture

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WWW.DES1ENG.NET

CIVIL CONSULTANT

DESIGNER'S CONSULTANTS

REVISIONS
NO. DATE DESCRIPTION

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
OVERALL FLOOR & ROOF PLAN

EXAMINER'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
REGISTERED ARCHITECT
AR102415
Shimon E. Greenbaum

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE 1" = 20'-0"
DATE 1/20/2023
PROJECT NO. NJ 079

A100

DRAWING NO. 01

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS

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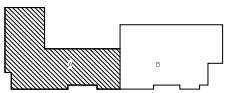


1 Level 1 - TAG PLAN A
1/8" = 1'-0"

PLAN NOTES:

1. REF STYLIC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB 8" OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, EXCEPT FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER (AFTER THE DECIMAL) DENOTES HOW MANY SIDES ARE COVERED WITH SUPS.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED WALLS & ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING (3M) WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. ALL EXPOSED DOOR AND WINDOW JAMBS (3M) TO BE BULLNOSE.
10. ALL OUTSIDE CORNER (3M) TO BE BULLNOSE (3M)

KEY PLAN



RISE | FL architecture

ARCHITECT

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P. 954.527.1113
F. 954.524.1626
WWW.DELTA21.NET

CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/23	DD SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 1 - TAG PLAN A

CONSULTANT'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
AR102415
REGISTERED ARCHITECT
Shimon E. Greenbaum

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO.: NJ-079

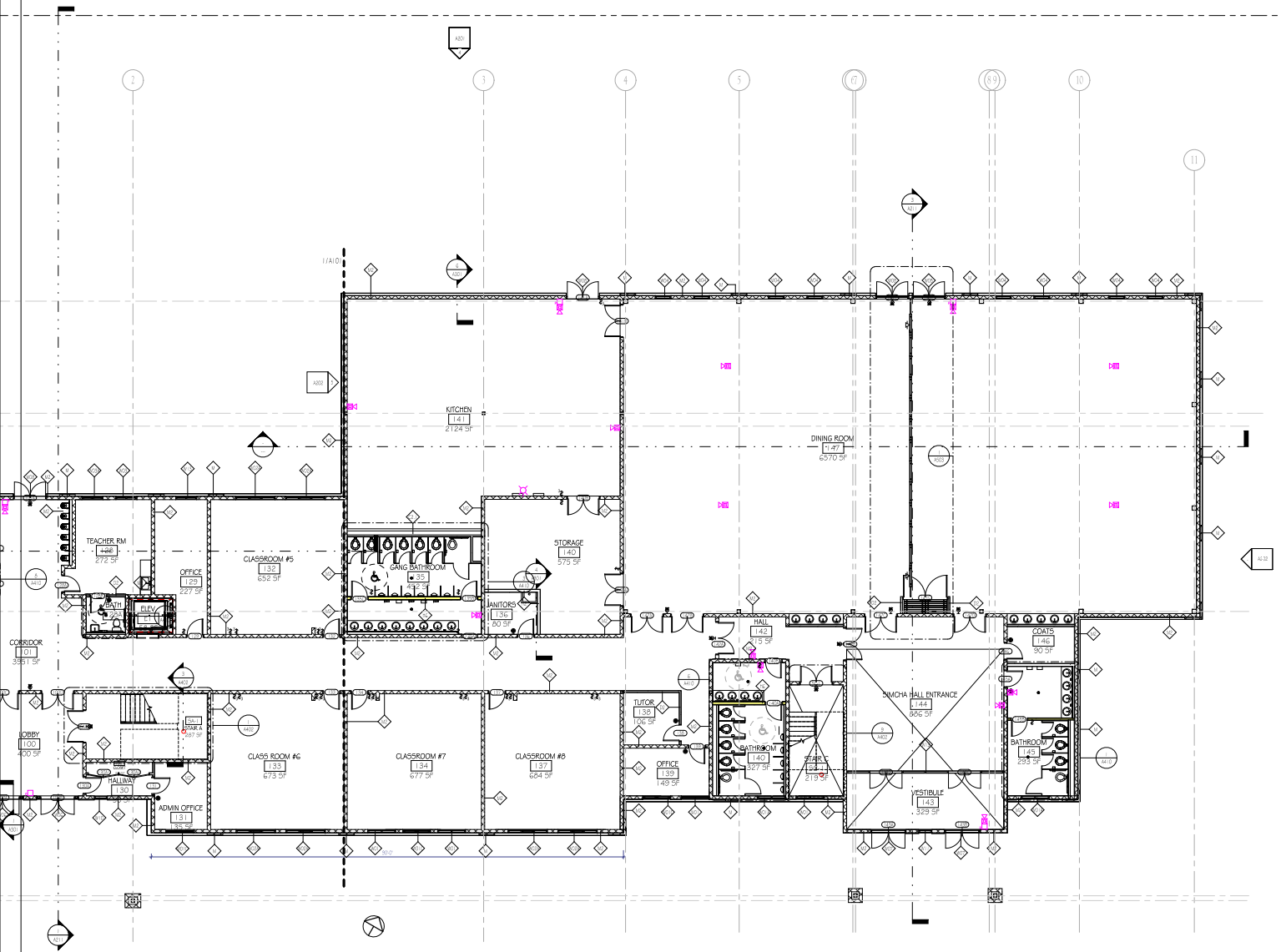
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DRAWING NO.: 02

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECT. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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1 Level 1 - TAG PLAN B
1/8" = 1'-0"

PLAN NOTES:

1. REF STRUC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB 8" OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, DIMENSIONS FOR SHAFTS WALLS ARE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES ARE/ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER AFTER THE DECIMAL DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED [illegible]
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING DAU WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. ALL EXPOSED DOOR AND WINDOW JAMBS DAU TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DAUS TO BE BULLNOSE DAU.

KEY PLAN



RISE | FL architecture

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CIVIL CONSULTANT

DESIGNER CONSULTANT

NO.	DATE	DESCRIPTION

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 1 - TAG PLAN B

CONSULTANT'S SIGNATURE

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

A102

DRAWING NO. 03

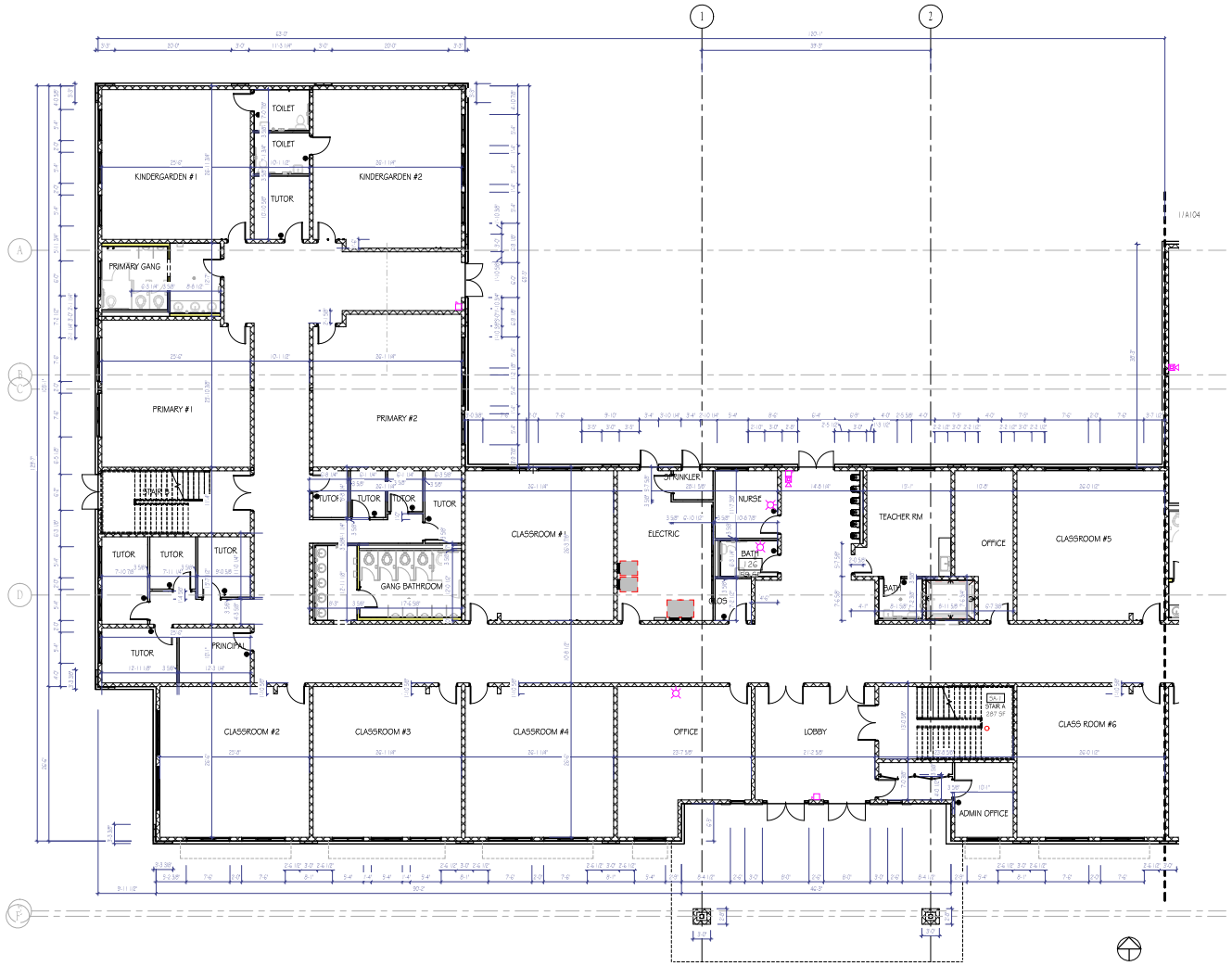
BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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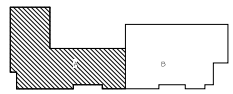
PLAN NOTES:

1. REF STYLIC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB 8" OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, EXCEPT FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER AFTER THE DECIMAL DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK, ABOVE AT ALL RATED WALLS IF ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING DMU WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. ALL EXPOSED DOOR AND WINDOW JAMBS DMU TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DMUS TO BE BULLNOSE DMU.



1 Level 1 - DIMENSION PLAN A
1/8" = 1'-0"

KEY PLAN



RISE | FL architecture

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CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/23	DD SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 1 - A DIMENSIONS

CONTRACTOR'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
AR102415
REGISTERED ARCHITECT
Shimon E. Greenbaum

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

A103

DRAWING NO.
04

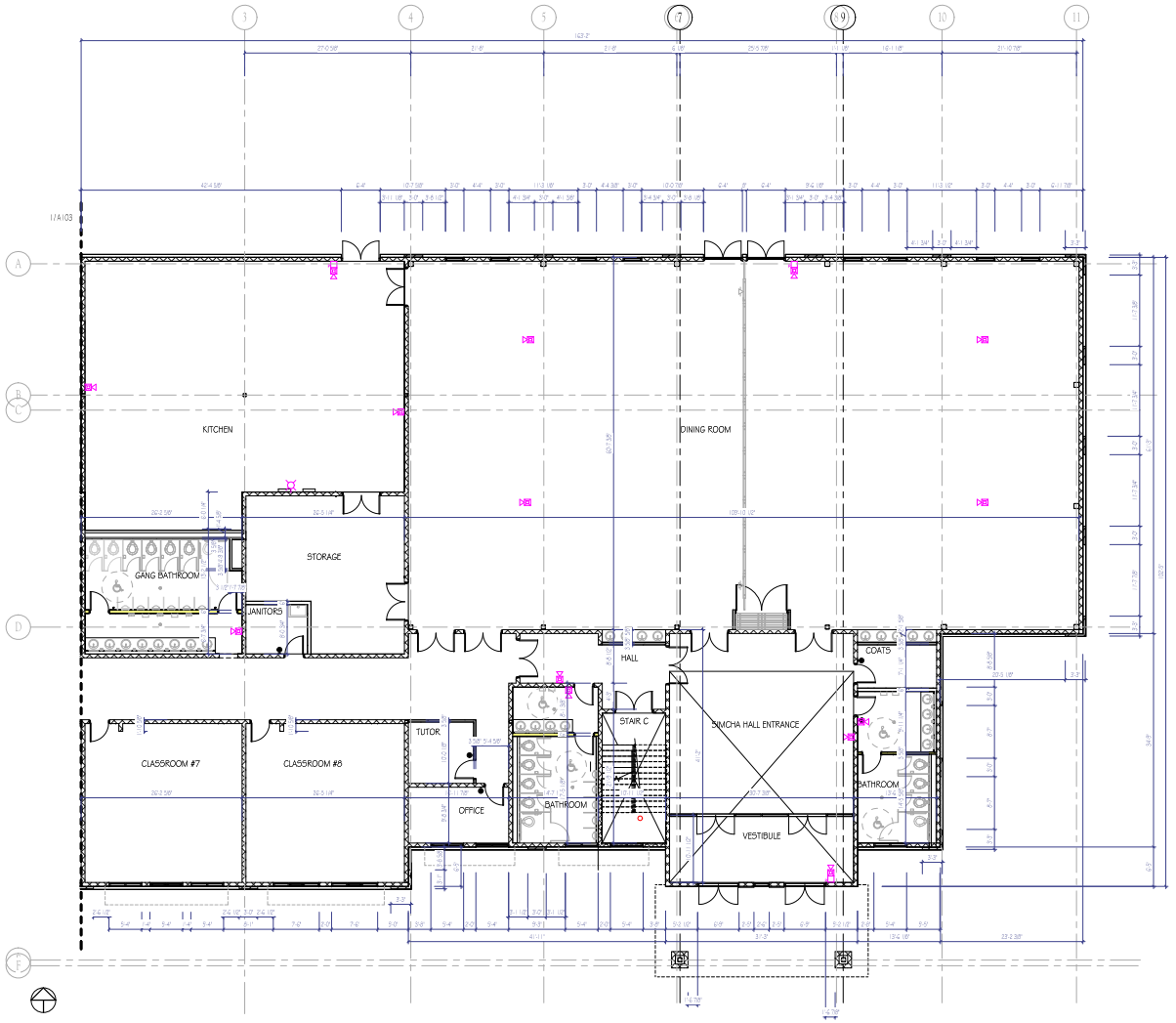
BARCODE

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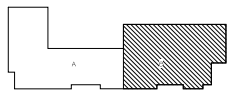
PLAN NOTES:

1. REF STYLIC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB IN OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, EXCEPT FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER (AFTER THE DECIMAL) DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK, ABOVE AT ALL RATED WALLS & ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING DMU WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. ALL EXPOSED DOOR AND WINDOW JAMBS DMU TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DMU'S TO BE BULLNOSE DMU.



1 Level 1 - DIMENSION PLAN B
1/8" = 1'-0"

KEY PLAN



RISE | FL architecture

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CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/23	DID SET

CLIENT

LAKEFRONT ESTATES

PROJECT NAME / LOCATION

LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE

LEVEL 1 - B
DIMENSIONS

EXAMINER'S SIGNATURE



SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

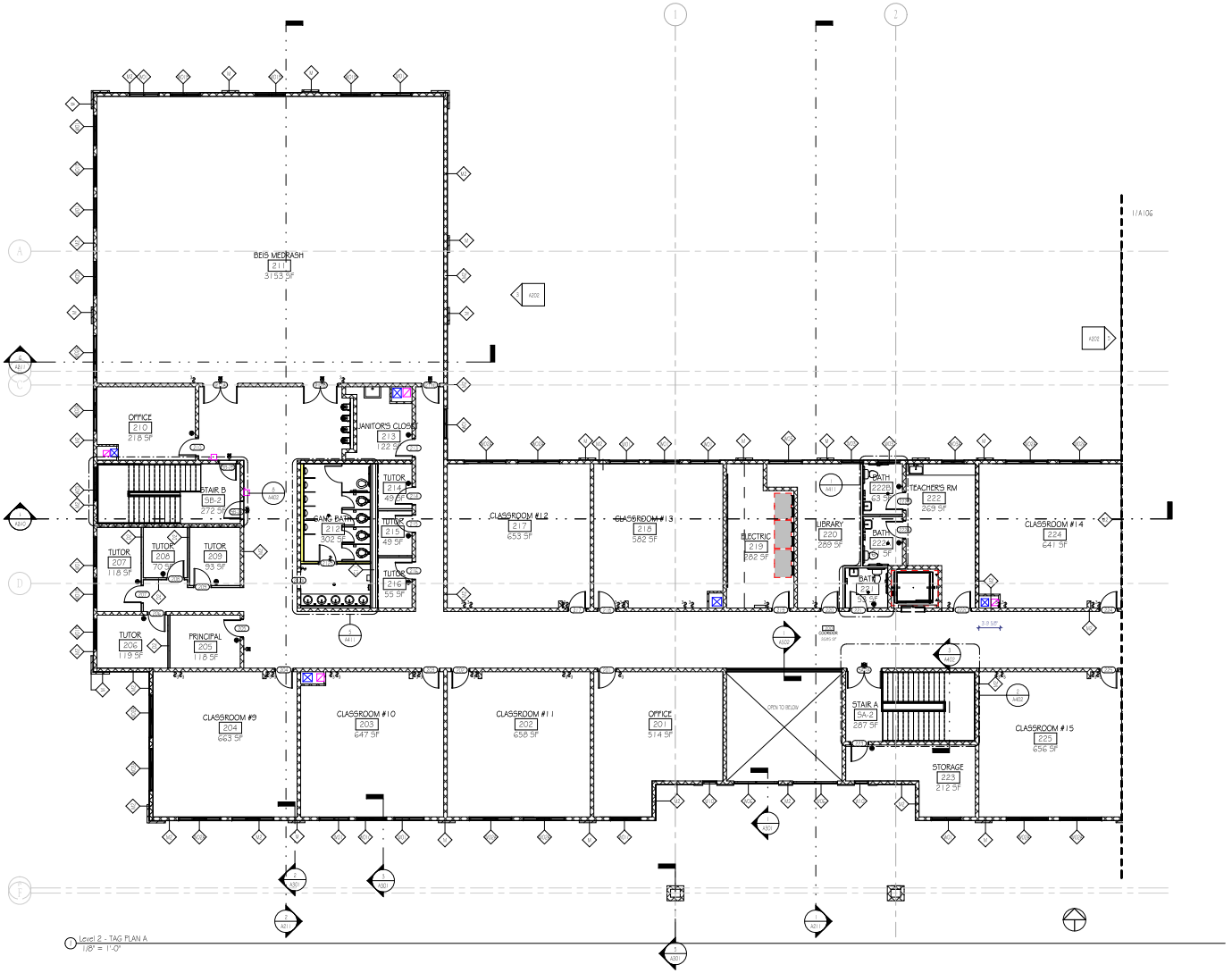
A104

DRAWING NO. 05

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWINGS. THE DRAWINGS SHALL NOT BE USED, UNTIL SIGNED BY CONSULTANTS.

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1 Level 2 - TAG PLAN A
1/8" = 1'-0"

PLAN NOTES:

1. 16X STYLIC DWGS FOR SLAB MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB IN OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, DIMENSIONS FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER AFTER THE DECIMAL DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED WALLS # ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0 O.C. U.O.N.
8. ALL BEARING DMJ WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. All EXPOSED DOOR AND WINDOW JAMBS DMJ TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DMJS TO BE BULLNOSE DMJ.

KEY PLAN



RISE | FL architecture

ARCHITECT

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SHIMON@RISEARCHITECTS.COM
908.616.0124

PLANNER

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CIVIL CONSULTANT

DESIGNER CONSULTANT

NO.	DATE	DESCRIPTION
1	01/20/23	DID SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 2 - TAG PLAN A

TAXPAYER'S SIGNATURE

NEW YORK SEAL

STATE OF FLORIDA
SHIMON GREENBAUM
AR102415
REGISTERED ARCHITECT

Shimon E. Greenbaum, RA

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

A105

DRAWING NO.
06

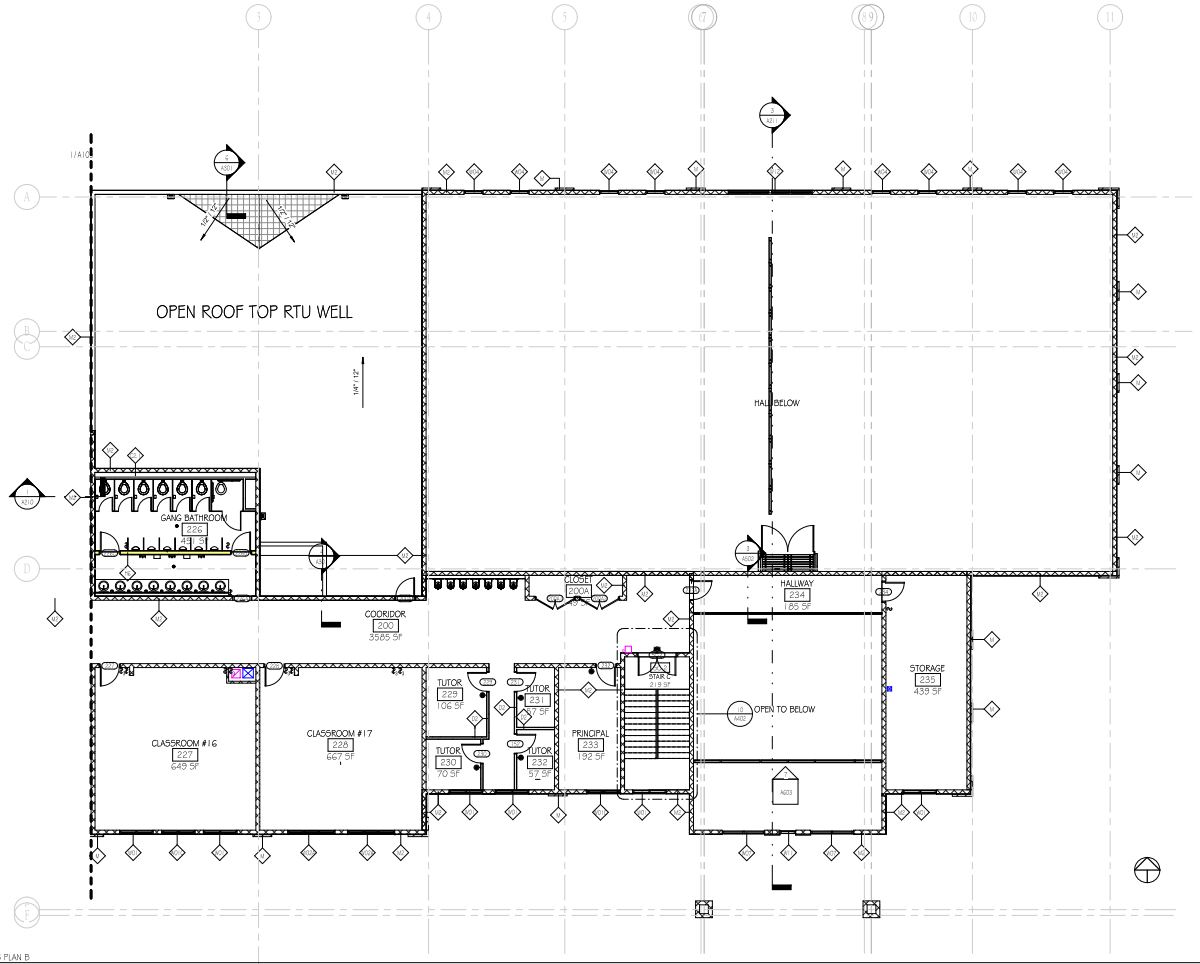
BARCODE

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PLAN NOTES:

1. REF STYLIC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB IN OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, DIMS FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER (AFTER THE DECIMAL) DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED WALLS & ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING DMU WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. All EXPOSED DOOR AND WINDOW JAMBS DMU TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DMUS TO BE BULLNOSE DMU



1 Level 2 - TAG PLAN B
1/8" = 1'-0"

KEY PLAN



RISE | FL architecture

LAKEFRONT ESTATES

LAKEFRONT BOYS SCHOOL
OKEECHOBEE, FL

LEVEL 2 - TAG PLAN B

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NU-079

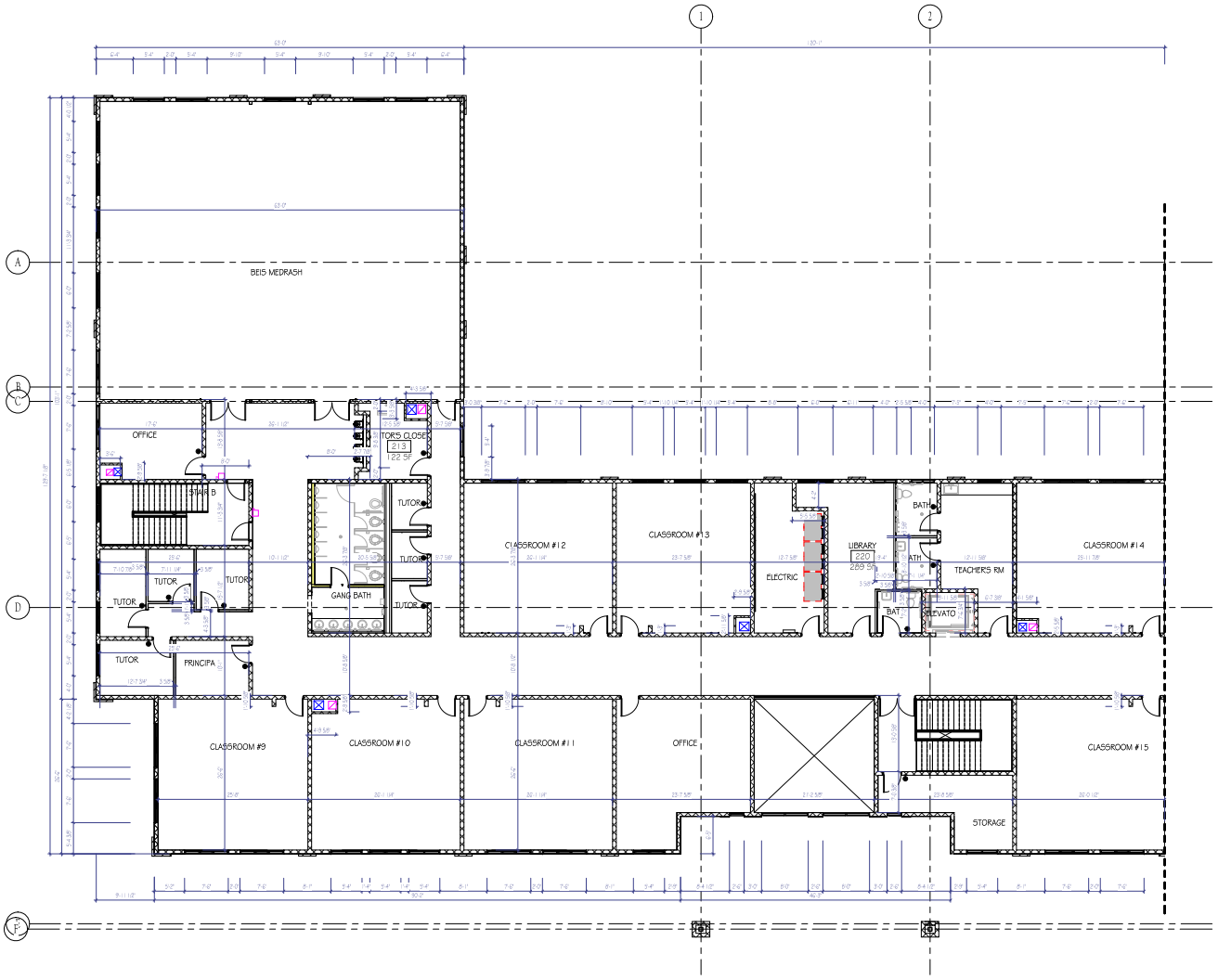
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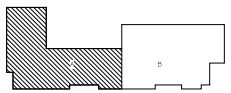
PLAN NOTES:

1. REF STRUC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB AT OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, BESIDES FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES AREAS ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER AFTER THE DECIMAL) DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED WALLS & ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING CMU WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. AN EXPOSED DOOR AND WINDOW JAMBS CMU TO BE BULLNOSE.
10. ALL OUTSIDE CORNER CMUS TO BE BULLNOSE CMU



1 Level 2 - A DIM
1/8" = 1'-0"

KEY PLAN



RISE | FL architecture

ARCHITECT

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CIVIL CONSULTANT

DESIGN & CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	9/20/23	DD SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 2 - A DIMENSIONS

EXAMINER'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
REGISTERED ARCHITECT
AR102415

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ 079

A107

DRAWING NO.
08

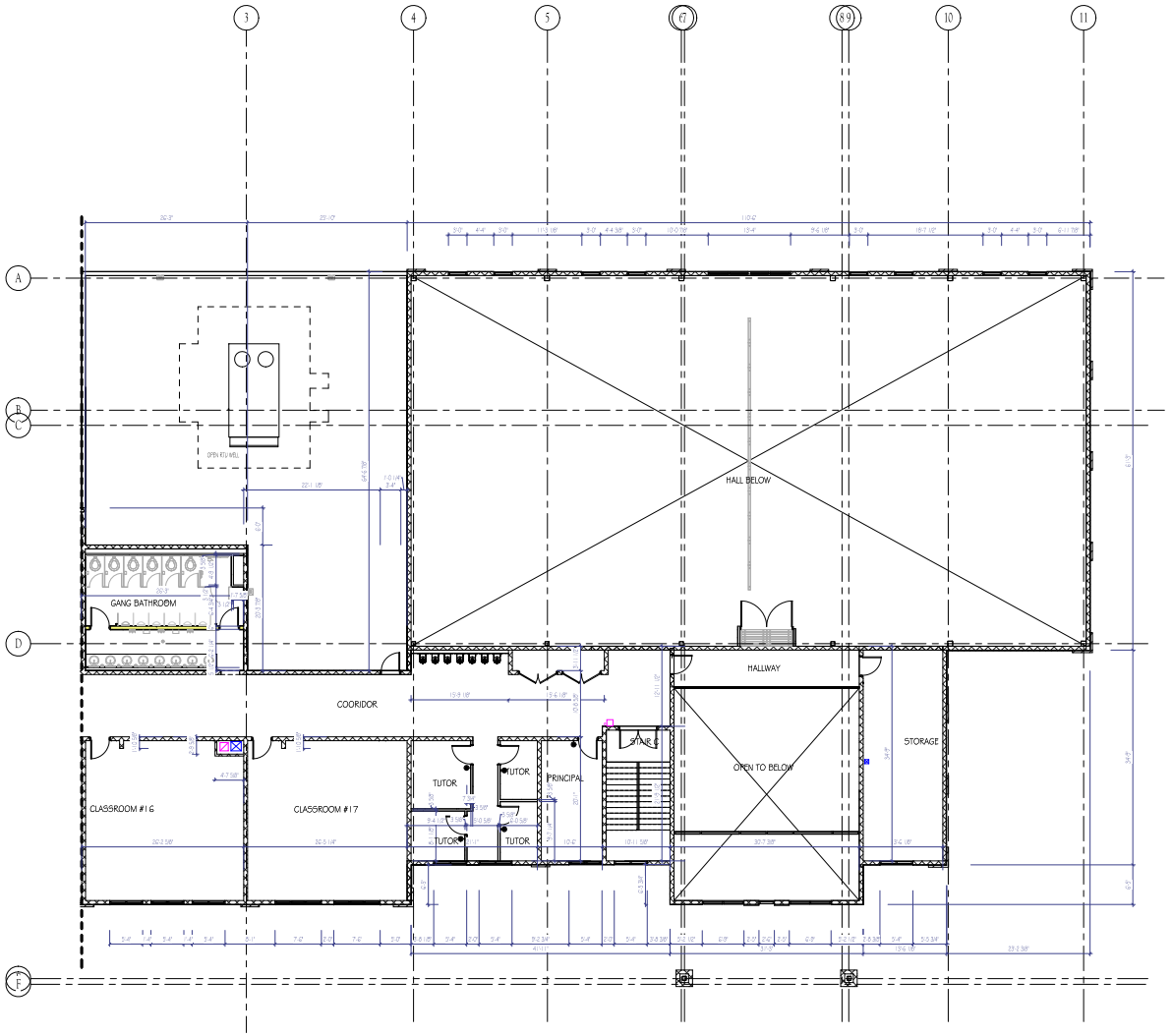
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THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECT. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS

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PLAN NOTES:

1. REF STYLIC DWGS FOR SLAB AND MOISTURE PROTECTION DETAILS
2. ALL DOORS TO BE INSTALLED WITH JAMB IN OFF OF ADJACENT WALL U.N.O.
3. ALL DIMS ARE FROM WALL STUDS, DIMS FOR SHAFTS WALLS WERE DIMS ARE TO EDGE OF OPENING
4. THE FIRST NUMBER AFTER THE WALL TYPE LETTER DENOTES HOW MANY SIDES WERE ARE COVERED WITH GYP BOARD.
5. THE SECOND NUMBER AFTER THE DECIMAL) DENOTES HOW MANY SIDES ARE COVERED WITH TILES.
6. STUD HEIGHTS ARE TO UNDERSIDE OF DECK ABOVE AT ALL RATED WALLS # ALL WALLS WITH INSULATION.
7. AT ALL OTHER LOCATIONS STUD HEIGHTS ARE TO 6" ABOVE CEILING, BRACED TO ABOVE 4'-0" O.C. U.O.N.
8. ALL BEARING DMJ WALLS TO BE ON CENTER OF GRID LINE, IF A DISCREPENCY IS FOUND NOTIFY ARCHITECT.
9. All EXPOSED DOOR AND WINDOW JAMBS DMJ TO BE BULLNOSE.
10. ALL OUTSIDE CORNER DMJS TO BE BULLNOSE DMJ.



1 Level 2 - B DIM
1/8" = 1'-0"

KEY PLAN



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CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/23	DID SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
LEVEL 2 - B DIMENSIONS

CONTRACTOR'S SIGNATURE

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
AR102415
REGISTERED ARCHITECT
Shimon E. Greenbaum, RA

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

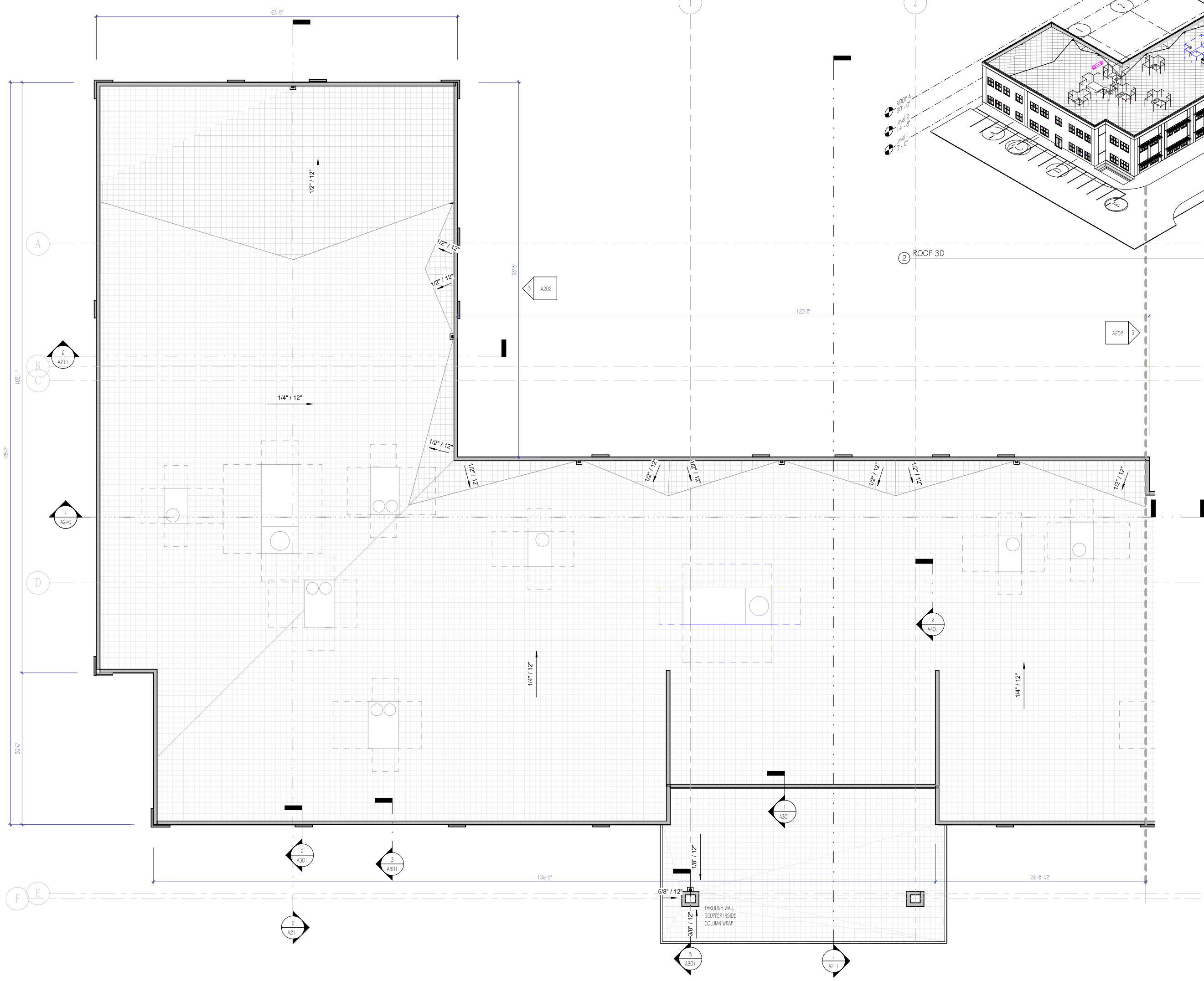
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DRAWING NO.
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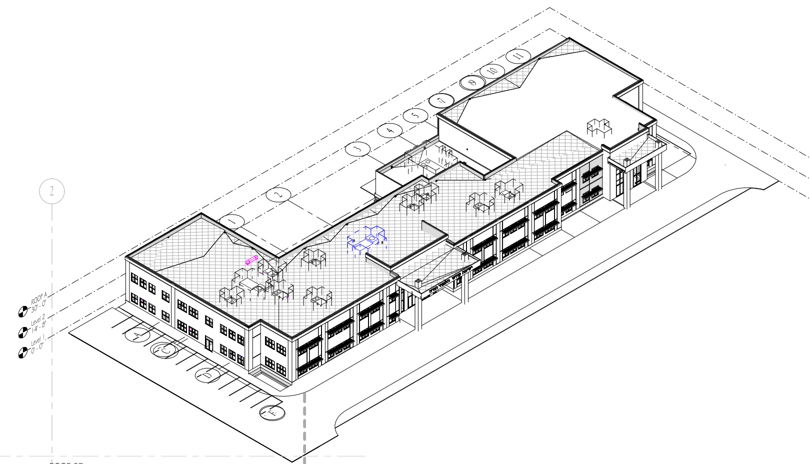
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1/27/2023 4:09:45 PM



1 ROOF A
1/8" = 1'-0"



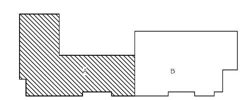
2 ROOF 3D

KEY:

THROUGH WALL SCUPPER

NOTES:
1. ROOF INSULATION CONSTRUCTION: RIGID INSULATION ABOVE DECK R-30 MIN.
2. ROOF SLOPED TO THROUGH WALL SCUPPER AT THE REAR VIA BUILT UP POLY ISO AT CLASSROOM WING
3. ROOF SLOPED AT ABOVE DINING AREA VIA SLOPED STRUCTURE, REF STRUCTURAL DWG
4. ROOF SLOPED AT RTU PIT VIA SLOPED STRUCTURE, REF STRUCTURAL DWG

KEY PLAN



RISE | FL architecture

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CIVIL CONSULTANT:

DESIGNER CONSULTANT:

REVISIONS:

NO.	DATE	DESCRIPTION
1	01/20/23	DD SET

CLIENT:
LAKEFRONT ESTATES

PROJECT NAME / LOCATION:
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE:
ROOF PLAN - A

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:
STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT
Shimon E Greenebaum

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO: NJ 079

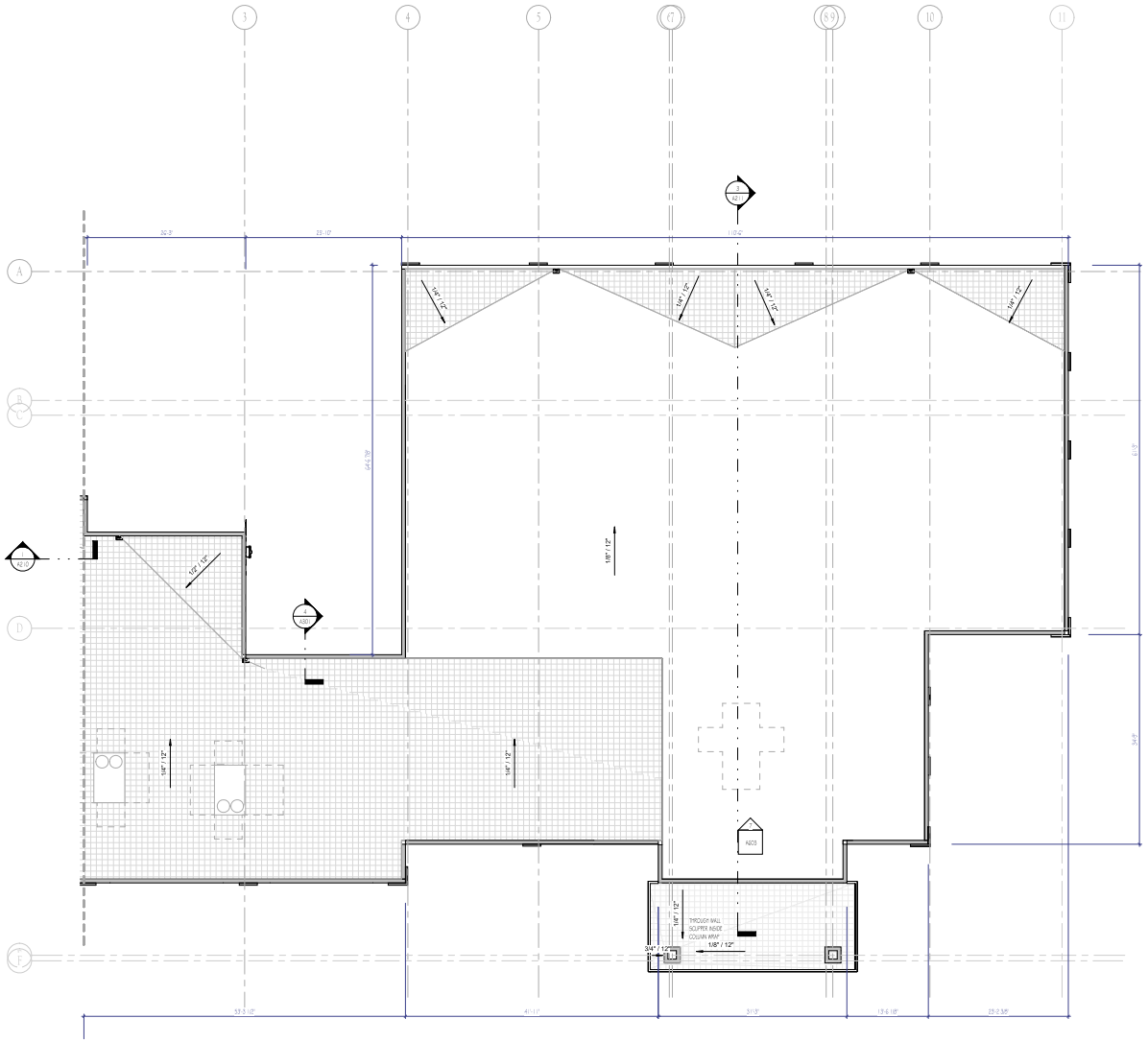
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DRAWING NO.
10

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

12/14/2023 4:28:59 PM



ROOF B
1/8" = 1'-0"

KEY:
THROUGH WALL SCUPPER

NOTES:
1. ROOF INSULATION CONSTRUCTION - RIGID INSULATION ABOVE DECK, R-30 MIN.
2. ROOF SLOPED TO THROUGH WALL SCUPPER AT THE ROOF VIA BUILT UP POLY ISO AT CLASSROOM WING
3. ROOF SLOPED AT ABOVE DINING AREA VIA SLOPED STRUCTURE, REF STRUCTURAL DWG
4. ROOF SLOPED AT RTU/PIT VIA SLOPED STRUCTURE, REF STRUCTURAL DWG

KEY PLAN



RISE | FL
architecture

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CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS
NO. DATE DESCRIPTION

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOYS SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
ROOF PLAN - B

CONTRACTOR'S SIGNATURE

PROFESSIONAL SEAL

STATE OF FLORIDA
SHIMON GREENBAUM
AR102415
REGISTERED ARCHITECT

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE As indicated
DATE 1/20/2023
PROJECT NO. NJ-079

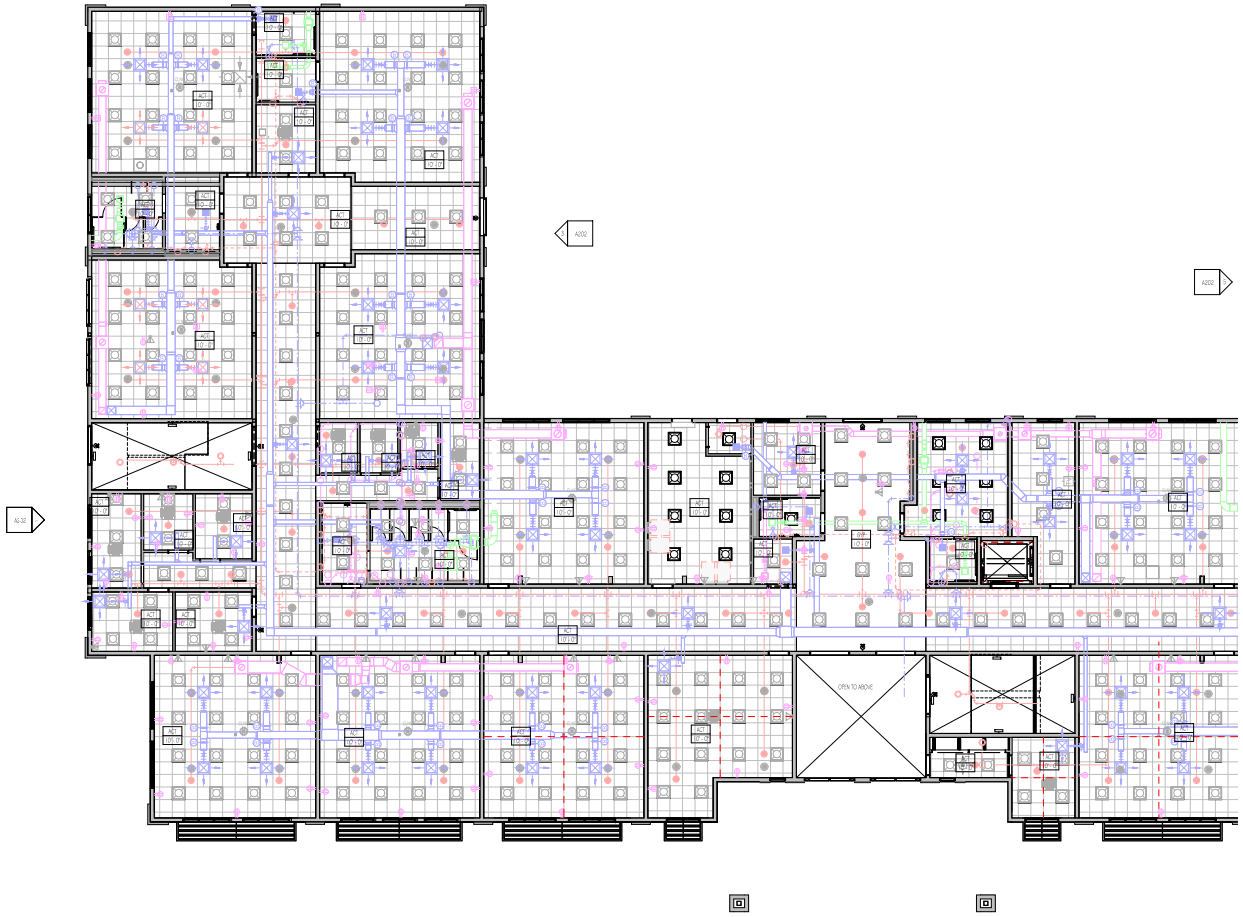
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DRAWING NO.
11

BARCODE

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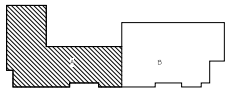
1 Level 1 - A
1/8" = 1'-0"

RCP LEGEND

- NOT IN SCOPE
- GYPSUM CEILING
- ACOUSTIC CEILING TILE
- 2X2 LAY IN LED LIGHT
- DECK MOUNTED LIGHT
- 4" LED SPOTLIGHT
- WALL PACK LIGHT
- 2 HEAD EMERGENCY LIGHT
- 2 HEAD EMERGENCY LIGHT EXIT SIGN COMBO
- EXIT SIGN CEILING
- PARALLEL
- PERPENDICULAR

NOTE: REFERENCE MEP DRAWINGS FOR ALL MEP RELATED COMPONENTS AND SYMBOLS.

KEY PLAN



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CIVIL CONSULTANT

DESIGN & CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION

CLIENT

LAKEFRONT ESTATES

PROJECT NAME / LOCATION

LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE

RCP LEVEL 1 - A

EXAMINER'S SEAL/S, ETC

PROFESSIONAL SEAL

STATE OF FLORIDA
SHIMON GREENEBAUM
REGISTERED ARCHITECT
AR102415

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO: NJ 079

A111

SHEET NO: 12

BARCODE

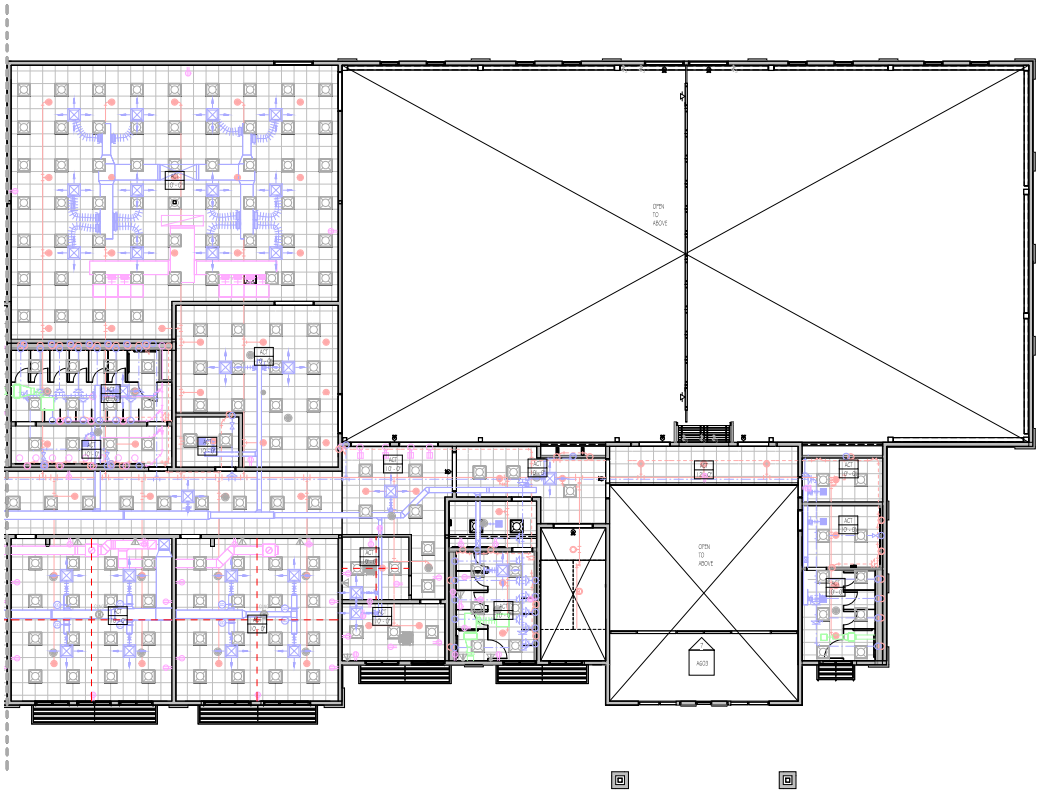
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1/19/2023 4:29:52 PM

RCP LEGEND

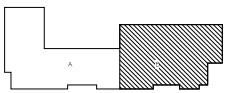
- NOT IN SCOPE
- GYPSUM CEILING
- ACOUSTIC CEILING TILE
- 2X2 LAY IN LED LIGHT
- DECK MOUNTED LIGHT
- 4" LED SPOTLIGHT
- WALL PACK LIGHT
- 2 HEAD EMERGENCY LIGHT
- 2 HEAD EMERGENCY LIGHT EXIT SIGN COMBO
- EXIT SIGN CEILING
- PARALLEL
- PERPENDICULAR

NOTE: REFERENCE MEP DRAWINGS FOR ALL MEP RELATED COMPONENTS AND SYMBOLS.



1 Level 1 - B
1/8" = 1'-0"

KEY PLAN



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CIVIL CONSULTANT

DESIGN & CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
RCP LEVEL 1 - B

EXAMINER'S SEAL/S, ETC

PROFESSIONAL SEAL
STATE OF FLORIDA
SHIMON GREENBAUM
REGISTERED ARCHITECT
AR102415

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO: NJ 079

A112

DRAWING NO: 13

BARCODE

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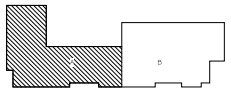
Level 2 - A
1/8" = 1'-0"

RCP LEGEND

- NOT IN SCOPE
- GYPSUM CEILING
- ACOUSTIC CEILING TILE
- 2X2 LAY IN LED LIGHT
- DECK MOUNTED LIGHT
- 4" LED SPOTLIGHT
- WALL PACK LIGHT
- 2 HEAD EMERGENCY LIGHT
- 2 HEAD EMERGENCY LIGHT EXIT SIGN COMBO
- EXIT SIGN CEILING
- PARALLEL
- PERPENDICULAR

NOTE: REFERENCE MEP DRAWINGS FOR ALL MEP RELATED COMPONENTS AND SYMBOLS.

KEY PLAN



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CIVIL CONSULTANT

DESIGN & CONSULTANTS

REVISIONS

NO.	DATE	DESCRIPTION

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
RCP LEVEL 2 - A

EXAMINER'S SEAL & SIG

PROFESSIONAL SEAL
STATE OF FLORIDA
SIMON GREENBAUM
AR102415
REGISTERED ARCHITECT
Shimon E Greenbaum

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO: NJ 079

A113

SHEET NO: 14

BARCODE

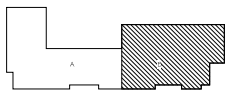
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1/19/2023 4:29:58 PM



Level 2 - B
1/8" = 1'-0"

KEY PLAN



RCP LEGEND

- NOT IN SCOPE
- GYPSUM CEILING
- ACOUSTIC CEILING TILE
- 2X2 LAY IN LED LIGHT
- DECK MOUNTED LIGHT
- 4" LED SPOTLIGHT
- WALL PACK LIGHT
- 2 HEAD EMERGENCY LIGHT
- 2 HEAD EMERGENCY LIGHT EXIT SIGN COMBO
- EXIT SIGN CEILING
- PARALLEL
- PERPENDICULAR

NOTE: REFERENCE MEP DRAWINGS FOR ALL MEP RELATED COMPONENTS AND SYMBOLS.

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CIVIL CONSULTANT

DESIGN 6 CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION

CLIENT

LAKEFRONT ESTATES

PROJECT NAME / LOCATION

LAKEFRONT BOY'S SCHOOL
OKEECHOBEE, FL

DRAWING TITLE

RCP LEVEL 2 - B

EXAMINER'S SEAL/S, ETC

PROFESSIONAL SEAL

STATE OF FLORIDA
SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

Shimon E. Greenebaum, RA

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ 079

A114

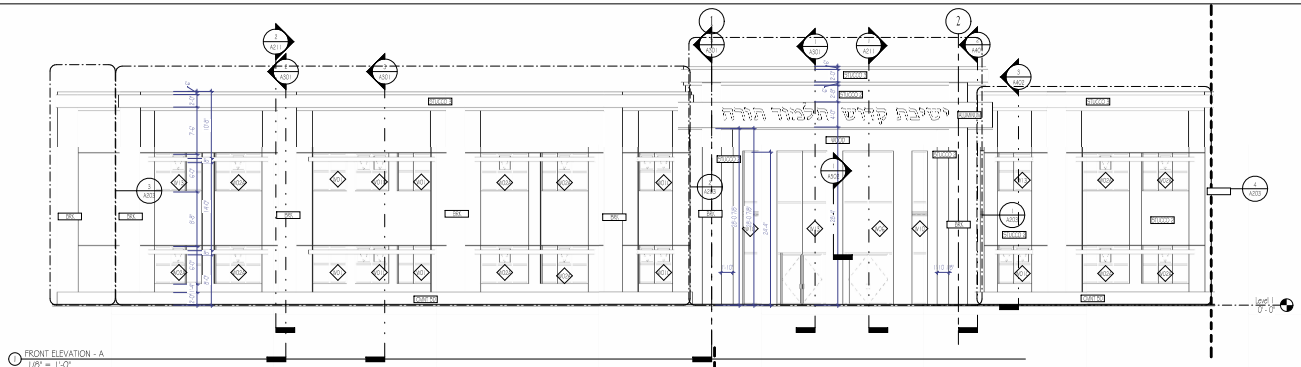
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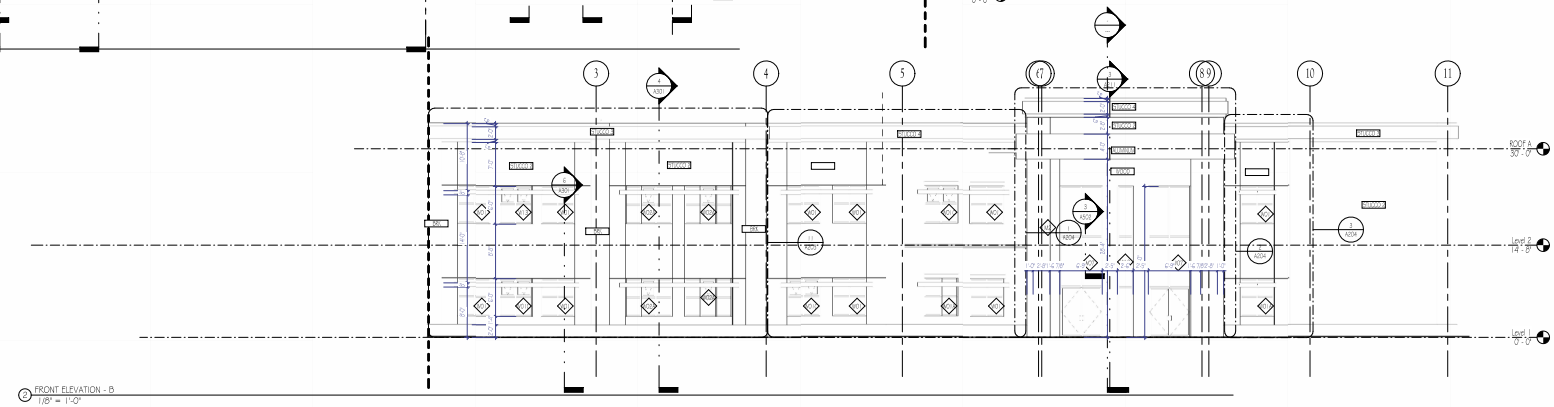
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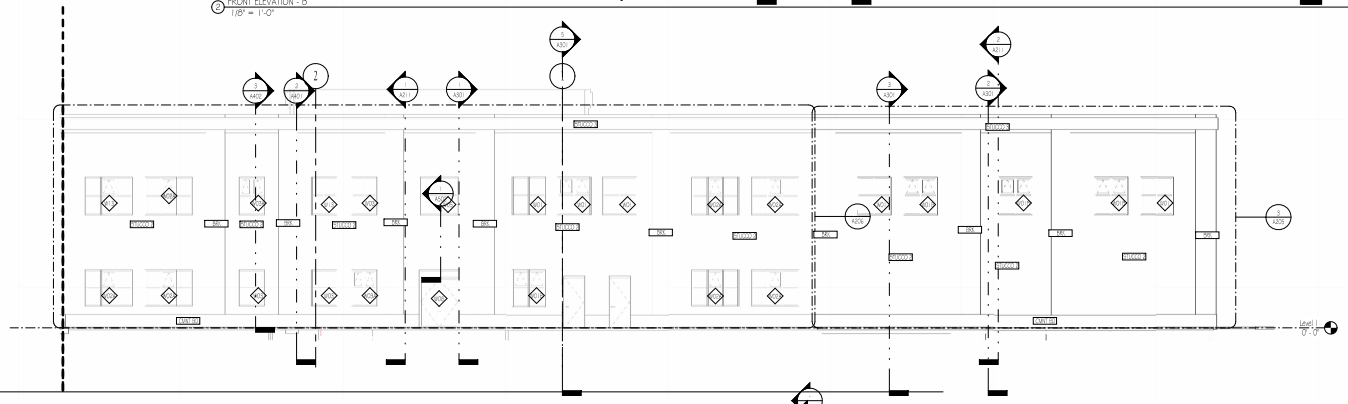
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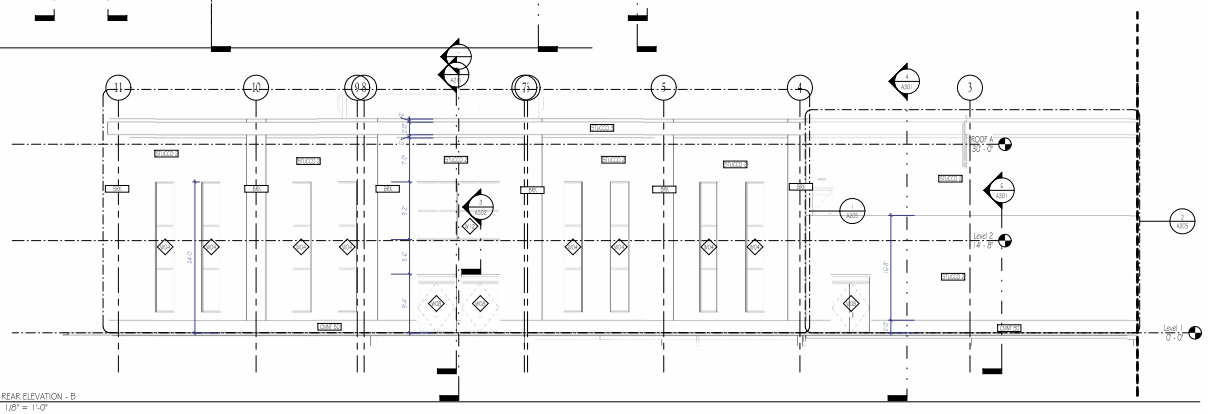
1 FRONT ELEVATION - A
1/8" = 1'-0"



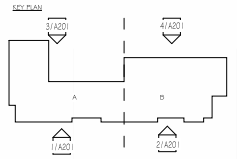
2 FRONT ELEVATION - B
1/8" = 1'-0"



3 REAR ELEVATION - A
1/8" = 1'-0"



4 REAR ELEVATION - B
1/8" = 1'-0"



EXTERIOR MATERIALS LEGEND

- BRK - FULL SIZE BRICK - LIGHT GREY COLOR
- BRK.2 - FULL SIZE BRICK - GREY COLOR
- STUCCO 1 - STUCCO ON CMU - GREY COLOR
- STUCCO 2 - STUCCO ON CMU - LIGHT GREY COLOR
- STUCCO 3 - STUCCO ON FOAM - LIGHT GREY COLOR
- STUCCO 4 - STUCCO ON FOAM - GREY COLOR
- CMT BD - 1/2" CEMENT BOARD OVER 1 1/2" METAL FURRING - LIGHT GREY COLOR
- WD - NICHIHA PANEL WOOD SIDING

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CIVIL CONSULTANT

DESIGNER CONSULTANT

REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/23	DID SET

CLIENT
LAKEFRONT ESTATES

PROJECT NAME / LOCATION
LAKEFRONT BOYS SCHOOL
OKEECHOBEE, FL

DRAWING TITLE
ELEVATIONS 1

EXAMINER'S SIGNATURE

FILING SIGNATURE BLOCK

STATE OF FLORIDA
SHIMON GREENBAUM
REGISTERED ARCHITECT
AR102415

Shimon E. Greenbaum, RA

SHIMON E. GREENBAUM, RA
FL LIC. NO.
AR102415

SCALE	As indicated
DATE	1/20/2023
PROJECT NO.	NJ-079

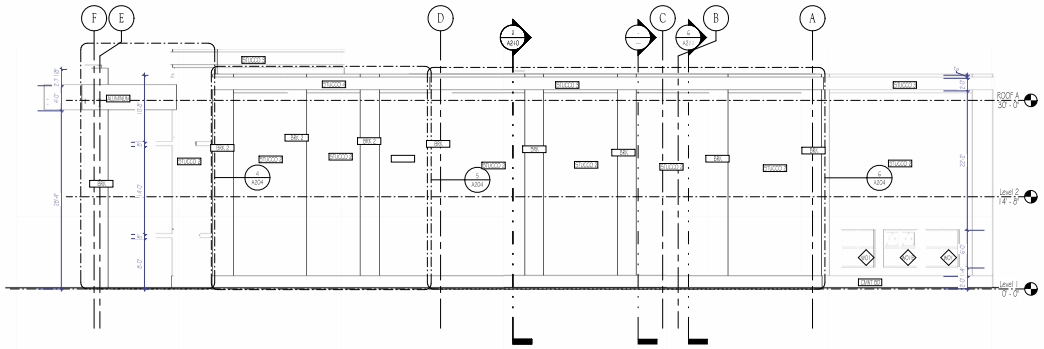
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DRAWING NO.
16

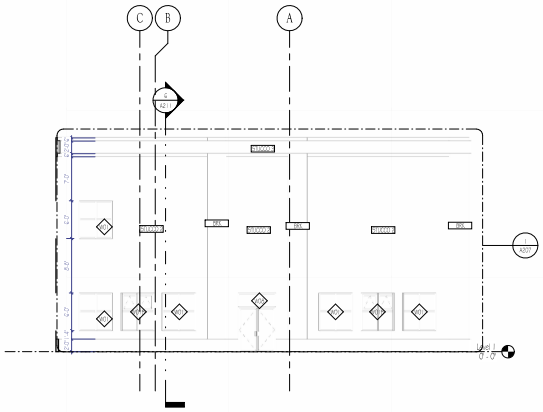
BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

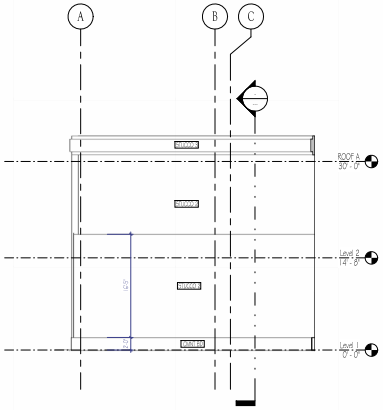
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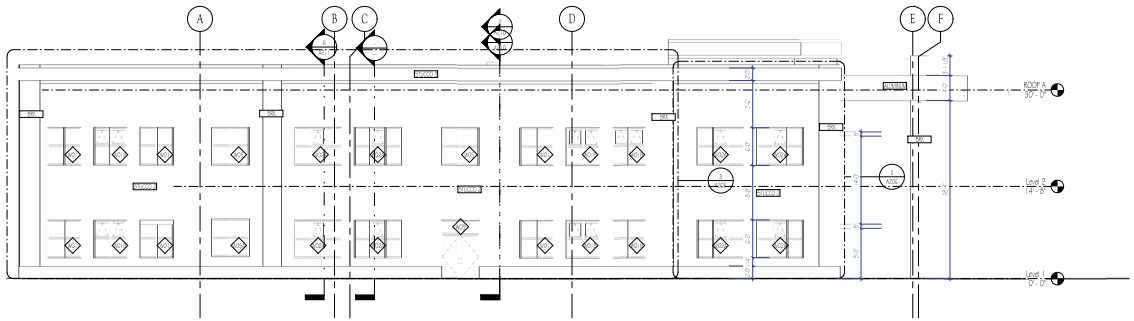
1 RIGHT ELEVATION
1/8" = 1'-0"



3 RIGHT ELEVATION 2
1/8" = 1'-0"

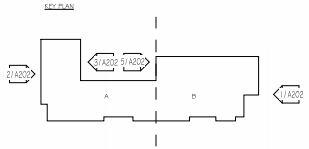


5 LEFT ELEVATION 2
1/8" = 1'-0"



2 LEFT ELEVATION
1/8" = 1'-0"

KEY PLAN



EXTERIOR MATERIALS LEGEND

- BRK - 1 - FULL SIZE BRICK - LIGHT GREY COLOR
- BRK 2 - FULL SIZE BRICK - GREY COLOR
- STUCCO 1 - STUCCO ON CMU - GREY COLOR
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- CMT BD - 1/2" CEMENT BOARD OVER 1 1/2" METAL FURRING - LIGHT GREY COLOR
- WD - NICHIHA PANEL WOOD SERIES

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REVISIONS

NO.	DATE	DESCRIPTION

CLIENT

LAKEFRONT ESTATES

PROJECT NAME / LOCATION

LAKEFRONT BOYS SCHOOL
OKEECHOBEE, FL

DRAWING TITLE

ELEVATIONS 2

CONTRACTOR'S SIGNATURE

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SHIMON GREENEBAUM
AR102415
REGISTERED ARCHITECT

Shimon E. Greenebaum

SHIMON E. GREENEBAUM, RA
FL LIC. NO.
AR102415

SCALE: As indicated
DATE: 1/20/2023
PROJECT NO.: NJ-079

A202

DRAWING NO.: 17

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

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