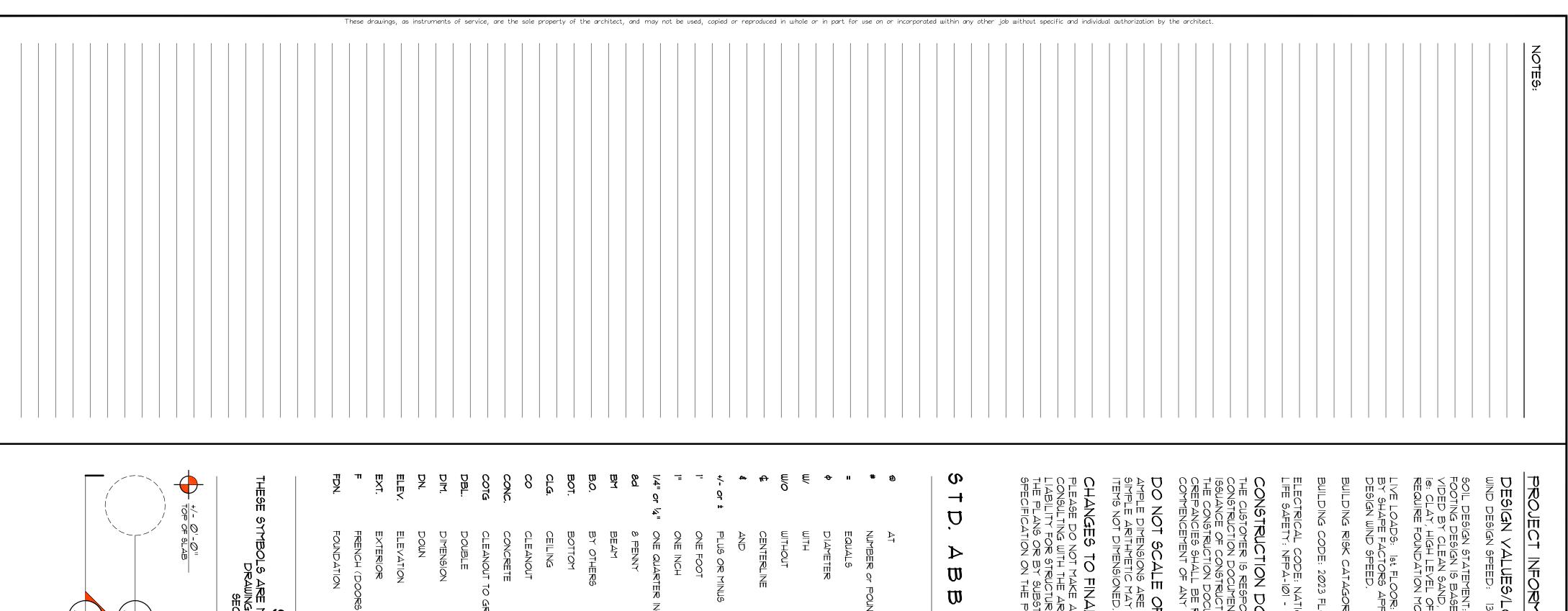
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Nr. DRAWING TITLE	ISSUED	LATEST REY'N	9H7 7:	DRAWING TITLE	ISSUED	LATEST TOEY'N	9H7 N.	DRAWING TITLE	ISSUED	LATEST REV'N
COVER SHEET	20 FEB 2025	•	<u>A</u> .1	ELEVATIONS	20 FEB 2025	•	<u> </u>	HVAC PLAN and SCHEDULES	20 FEB 2025	•
GENERAL PROJECT INFORMATION	20 FEB 2025	•	A.2	FLOOR PLAN and DETAILS	20 FEB 2025	•	<b>ቫ</b> 2	HVAC DETAILS	20 FEB 2025	•
	•	•	<b>∆</b> 3	SECTION, DETAILS and LOFT PLAN	20 FEB 2025	•			•	•
LIFE SAFETY PLAN	20 FEB 2025	•	<u>A</u> ,4	STOREFRONT GLASS DETAILS	20 FEB 2025	•	Ш	ELECTRICAL PLAN and DETAILS	20 FEB 2025	•
,	•	•			•	•	<b>E</b> 2	ELECTRICAL LOFT PLAN, PANEL and RISER	20 FEB 2025	•
FOUNDATION PLAN	20 FEB 2025	•	<u>.</u> 0	PLUMBING PLAN and DETAILS	20 FEB 2025	•			•	•
STRUCTURAL NOTES and DETAILS	20 FEB 2025	•			•	•				•



GYMNASIUM for: TODD LUSSIER LAKE CITY, FLORIDA COYER SHEET



## PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES
WIND DESIGN SPEED: 130 MPH, UNLESS NOTED

SOIL DESIGN STATEMENT:
FOOTING DESIGN IS BASED UPON 1000 PSF SOIL BEARING PRESSURE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IC: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFACATIONS.

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 40PSF BY SHAPE FACTORS APPLIED TO THE WIND FORCE ( DESIGN WIND SPEED. GENERATED BY THE

BUILDING CODE: 2023 FLORIDA BUILDING BUILDING RISK CATAGORY: 2 CODE, 8th TEDITION

ELECTRICAL CODE: NATIONAL ELECTRICAL LIFE SAFETY: NFPA-1Ø1 - LATEST COD TI 2023 EDITION

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO
SIMPLE ARITHMETIC MAY BE USED TO DETERMINE TEMS NOT DIMENSIONED. HE LOCATIONS OF THOSE

CHANGES TO FINAL PLAN SETS
PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

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#	NUMBER or POUND(8)	HORZ.	HORIZONTAL
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•	DIAMETER	Z.	NTERIOR
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ONE INCH ONE FOOT CENTERLINE PLUS OR MINUS ユ <u>0</u> MASONRY

**1** . 0 ON CENTER OVERHEAD OVERHEAD D0070

ELYWD. REINFORCI PLYWOOD 70 00 1 REQUIRED ROUGH OPENING RESSURE -IDING GI Ħ H H H ING (ED) TREATED

VERTICAL TYPICAL 中田十 RIVER LOG HOT (TOILET.

# SYMBOLS ARE MOST OFTEN ENCOUNTERED DRAWINGS: ELEVATIONS, DIMENSION INSECTIONS & STRUCTURAL PLANSIONS RED IN THE FOLLOWING N PLANS, NS

TYPE OF DETAIL TO INDICATE A SASSOCIATED WIT TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT. VIEW A PLAN VIEW

USG Interiors Inc. United States Gypsum Co.

TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW (e: SECTION "A" FOUND ON "A.B." OF THE CONSTRUCTION DOCUMENTS.

# S

H.V.A.C. "AS-BUILT" DRAWINGS

H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP

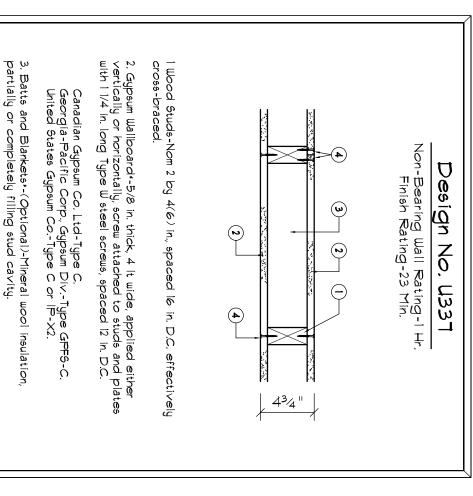
DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL

DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING

REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BLT. DWGS

TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

42" \(\sigma\)\(\sigma\).



# GENERAL NOTES:

THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WAR-RANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.

THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE MERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE OMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-OSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE EQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS ISPECTION IF REQUESTED BY THE OWNER.

THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VAR-IOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.

THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S). SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.

ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.

ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.

ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHAL BE PRESSURE TREATED. ALL NSULATION SHALL BE LEFT EXPOSED AND ALL LABLES .EFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.

INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.

CEILINGS OYER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON 1X3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS © 6" O.C. ALONG EACH POINT OF BEARING. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION.

# BUILT DRAWING REQUIREMENTS:

A. ELECTRICAL "AS-BUILT" DRAWINGS

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP

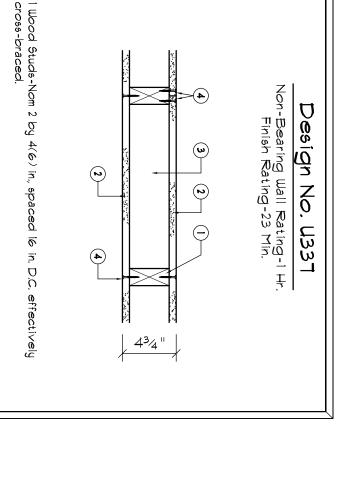
DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT.

\$ ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT

TYPE W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE | COPY OF AS-BUILT DWGS
TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

PLUMBING "AS-BUILT" DRAWINGS
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER AND I COPY TO THE PERMIT ISSUING AUTHORITY.



NOTE! FLUSH VALVE SHALL BE ON WIDE SIDE OF TOILET (LAV. SIDE WHERE APPLICABLE) PER A.D.A. REQUIRE

CK GRAB BAR SHALL MOUNTED 6" OFF SIDE

MIN. KNEE CLE

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2'-3" MIN

| 3'-0" TO SPOUT

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AT PEAR!

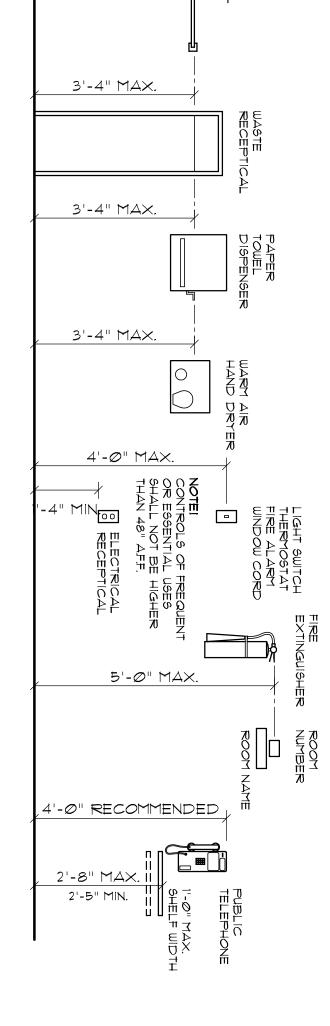
9"

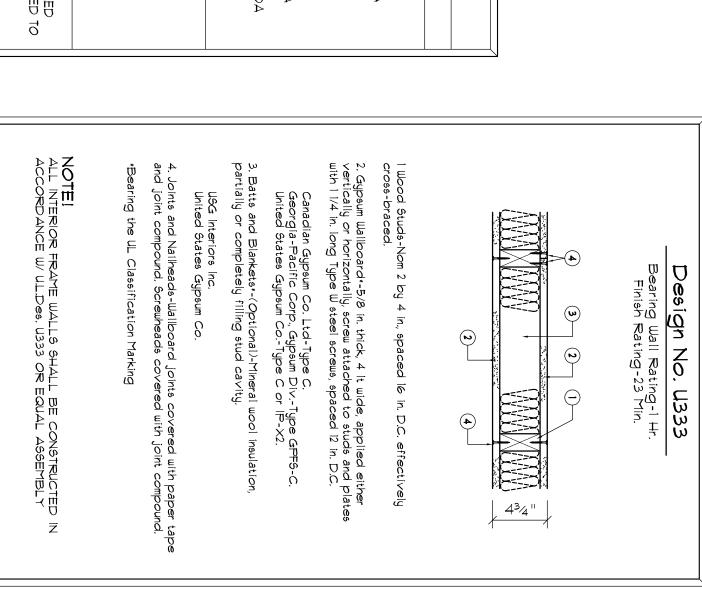
2'-3" MIN.

2'-10" MAX.

3'-4" MAX.

### OWNER SELECTED MATERIAL AND INSTALLATION OF FINISH FLOORING MATERIALS TO COMPLY WITH THE FOLLOWING: FIXTURES, DEVICES AND RELATED HARDWARE NOT SPECIFICALLY DEFINED OR MENTIONED ELSEWHERE ARE TO BE OWNER SELECTED AND INSTALLED COMPLY WITH THE ABOVE APPLICABLE ADA SECTIONS. SEC. 45 OF ADA SEC. 43 OF ADA APPLICABLE SECTIONS OF NEPA FIRE CODES APPLICABLE SECTIONS OF NEPA IØI-LATEST LIFE SAFETY CODE 3'-4" MAX. 3'-4" MAX. 3'-4" MAX. 0 AND DRY $\vec{o}$ 4'-0" MAX 5'-Ø" MAX





GRAB BARS: SHALL COMPLY WITH SEC. 4.16.4 OF ADA DISPENSERS: SHALL COMPLY WITH SEC. 4.16.6 OF ADA

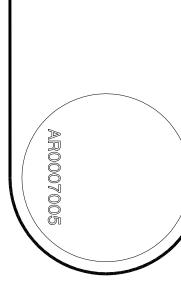
AVATORIES, SINKS & MIRRORS: SHALL COMPLY W/ SECTION 4.19 OF A HEIGHTS SHALL COMPLY WITH SEC. 4.19.2.1 OF ADA EXPOSED PIPES & SURFACES SHALL COMPLY W/ SECTION 4.19.4 OF FAUCETS SHALL COMPLY WITH SEC. 4.19.5 OF ADA MIRRORS SHALL COMPLY WITH SEC. 4.19.6 OF ADA

WATERCLOSETS: SHALL COMPLY WITH SEC. 4.16 OF ADA HEIGHT OF SEAT SHALL BE IN ACCORDANCE WITH SEC. FLUSH CONTROLS SHALL BE IN ACCORDANCE WITH SEC

A.D.A NOTES:

ACCESSIBILITY

SCALE: 1/2" = 1'-@"	STANDAND 7
	MILL POINTING DIEN
	P Q P



DATE: 1758 NW Brown Rd. Lake City, FL 32055 386-365-4355 20 FEB 2025

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NICHOLAS PAUL GEISLER ARCHITECT

JURAL JURAL STATES

/8"

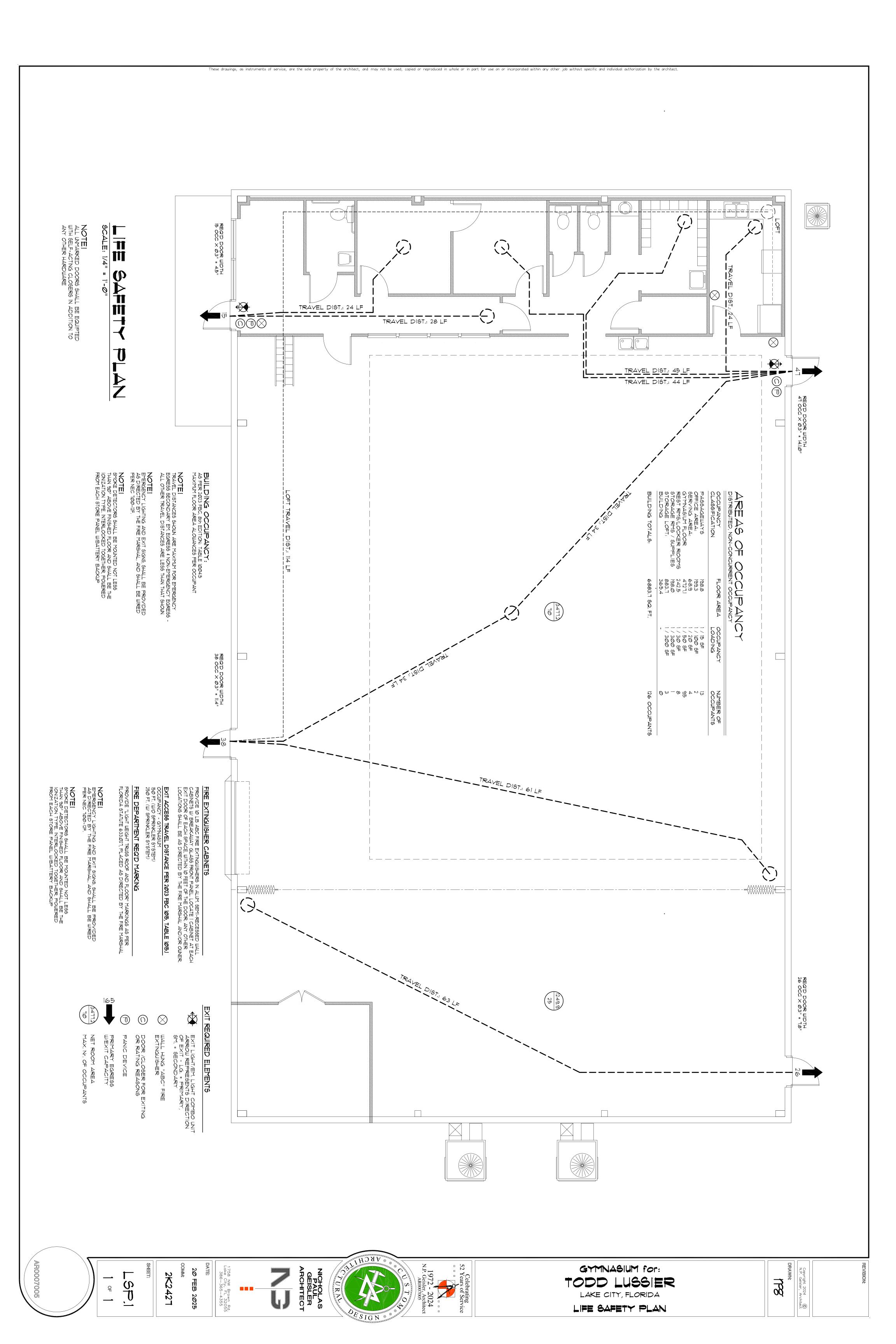
Celebrating 52 Years of Service

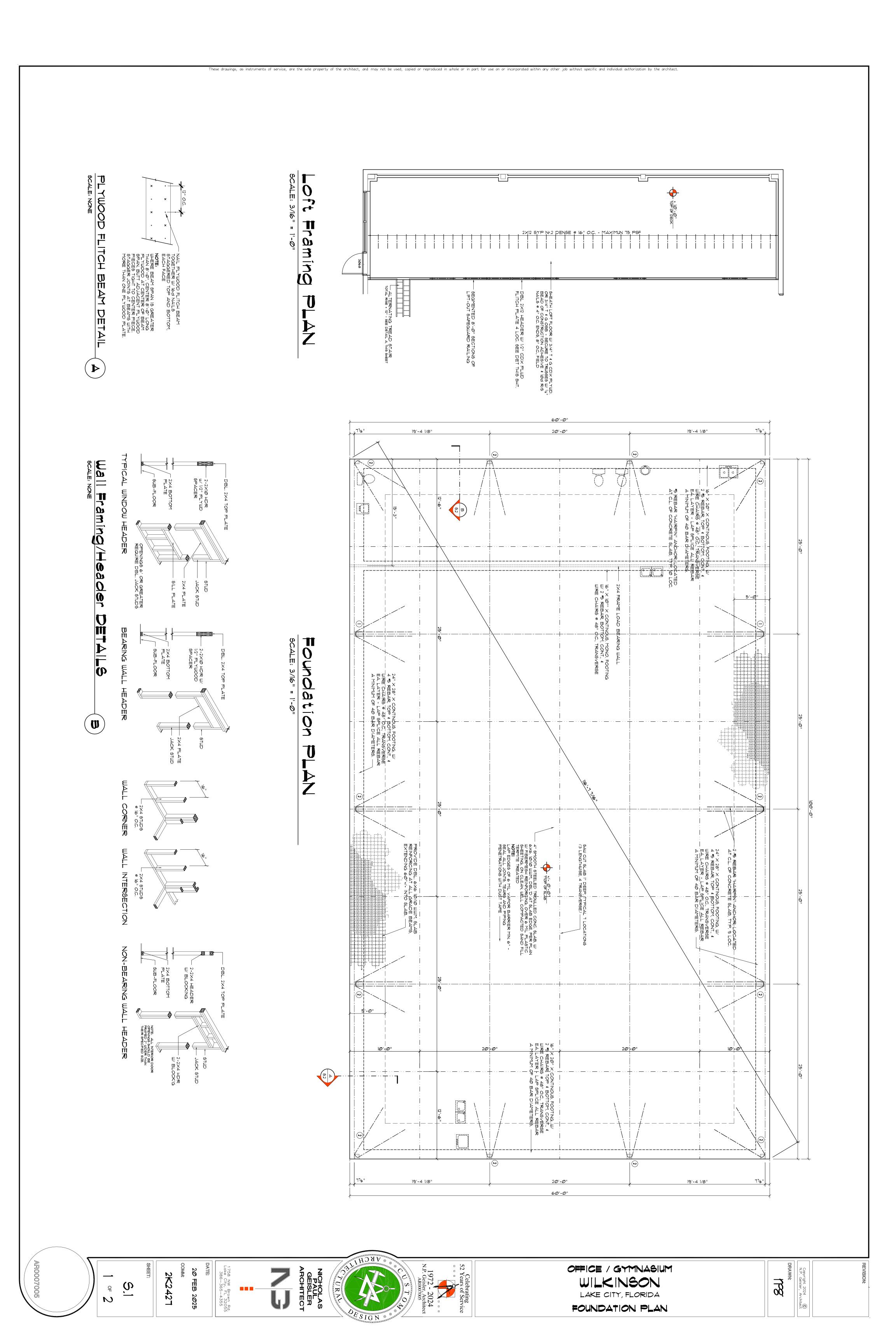
ODD LUSSIER LAKE CITY, FLORIDA GENERAL INFORMATION

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These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect 1 回 U AS-BUILT" NOTE S QUALIFICATIONS

1) ALL APPLICATORS OF THE RETROPLATE SYSTEM MUST HAVE THE WORK EXPERIENCE AND BE CERTIFIED BY ADVANCED FLOOR PRODUCTS OF SPRINGVILLE, UTAH.

2) APPLICATOR MUST POSSESS A LETTER OF CERTIFICATION FROM ADVANCED FLOOR PRODUCTS 1203 W, SPRING CREEK PLACE, SPRINGVILLE, UT 84663.

A) THE APPLICATOR MUST HAVE SATISFACTORILY INSTALLED RETROPLATE IN A MINIMUM OF 5 PROJECTS OF AT LEAST 6,000 SQ FEET.

B) THE CERTIFIED PERSON IN THE COMPANY MUST BE PRESENT ON THE JOB DURING ALL PHASES OF THE INSTALLATION.

C) APPLICATOR WILL PROVIDE THE RECOMMENDED GRINDING MACHINES AND ADVANCED FLOOR PRODUCTS DIAMONDS

3) EQUIPMENT: CONCRETE FLOOR CONDITIONS:

1) SEALING, HARDENING AND POLISHING OF CONCRETE SURFACE.

A)CONCRETE MUST BE IN PLACE A MINIMUM OF 28 DAYS OR AS DIRECTED BY THE MANUFACTURER BEFORE APPLICATION CAN BEGIN.

B)CONCRETE FLOOR WILL BE FINISHED TO A MINIMUM FF AND FLOF 40 +/- 5.

C)ONLY A CERTIFIED APPLICATOR SHALL APPLY RETROPLATE 99.

APPLICABLE PROCEDURES MUST BE FOLLOWED AS RECOMMENDED BY THE PRODUCT MANUFACTURER AND AS REQUIRED TO MATCH APPROVED TEST SAMPLE.

D)POLISH TO THE REQUIRED LEVEL 3 HIGH GLOSS SHINE. WORKMANSHIP AND CLEANING:

1) THE PREMISES SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT A TIMES.

2) REMOVE SPATTER FROM ADJOINING SURFACES.

3) REMOVE DEBRIS FROM JOBSITE, DISPOSE OF MATERIALS IN SEPARATE, CLOSED CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.

4) UPON COMPLETION OF THE INSTALLATION OF THE RETROPLATE SYSTEM, THE APPLICATOR WILL MEET WITH THE SUPERVISOR OF CONSTRUCTION AND / OR THE DOLLAR TREE CONSTRUCTION MANAGER, THEY WILL WALK THROUGH AND WILL SIGN OFF THAT THE WORK IS SATISFACTORY. NEED. (MULTIPLE PASSES WILL BE REQUIRED FOR EACH STEP) MAKE SURE THAT THE PREVIOUS "SCRATCH PATTERN" IS TAKEN OUT BEFORE PROCEEDING.

2) CLEAN THE FLOOR.

3) GRIND FLOOR WITH A 200/120 GRIT PAD.

4) CLEAN THE FLOOR WITH A 200/120 GRIT PAD.

4) CLEAN THE FLOOR WITH A 200/120 GRIT PAD.

6) CLEAN HOOR.

1) APPLY RETROPLATE 93 TO THE SURFACE AT 200 SQ FT PER GALLON, SCRUBBING PRODUCT IN INTO FLOOR AND ALLOWING PRODUCT TO SOAK UNTIL TURNING SLICK, IF IT BECOMES STICKY, DAMPEN THE STICKY AREAS WITH WATER AND SCRUB IN, LEAVING THE PRODUCT ON THE FLOOR FOR 60 MINUTES.

8) CLEAN UP EXCESSIVE RETROPLATE 93. LET THE FLOOR DRY, OVERNIGHT IF POSSIBLE.

9) CONTINUE THE POLISHING PROCESS USING 400 AND 800 GRIT PADS.

(800/1500/3000 GRIT TWISTER PAD, MULTIPLE PASSES, TO FINISH.)

10) AMERIPOLISH EDGE TINT (MIDNIGHT BLACK.) WILL BE APPLIED AROUND THE PERMITTER OF THE SALES FLOOR AND HALL EXTENDING OUT 4 NICHES.

11) EDGE TINT WILL BE APPLIED USING A PAASCHE SPRAYER AT 40PSI.

12) EDGE TINT WILL BE APPLIED WITH A CUT OFF LINE UNDER THE DOOR EDGE AT THE RECEIVING, OFFICE AND RESTROOM ENTRANCES.

13) CHASE, CLEAN AND FILL APPROXIMATELY 540 LINEAR FEET OF JOINTS WITH STANDARD GRAY POLYUREA JOINT FILL.

14) APPLY RETROGUARD SEALER TO THE ENTIRE SALES FLOOR AND HALL SURFACE PROJECTS WILL BE COMPLETED USING ONLY 'ADVANCED FLOOR PRODUCTS'
PRODUCT
PRODUCT REQUIREMENTS

1) RETROPLATE 93 (NO SUBSTITUTE DENSIFIER) 55 GALS PER STORE.

2) RETROGUARD 2-5 GALLON PAILS

3) AMERIPOLISH EDGE TINT (PART A\$B) (MIDNIGHT BLACK)

4) STANDARD POLY UREA GRAY JOINT FILL (APPLICATORS CHOICE)

5) DIAMONDS PURCHASED IN SETS TO EQUIP THE PARTICULAR MACHINE. GRITS NEEDED:

A) 40, 50 OR 80 METAL DIAMONDS

B) 100/120, 200/220, 400. 800 RESIN DIAMONDS

C) 800, 1500 AND 3000 GRIT TWISTER PAD 15 TO BE USED TO BURNISH. FLOORS WILL BE FINISHED TO A MINIMUM LEVEL 3 HIGH GLOSS SHINE

1) HIGH GLOSS: REFLECTIVE SHINE IN WHICH, AT A DISTANCE OF 30',

REFLECTIVITY IS CLEARLY DEFINED.

2) SAMPLE PHOTOS ATTACHED OF REQUIRED RESULTS SCOPE OF WORK:
THE FOLLOWING RETROPLATE PROCESS WILL BE USED AS A GUIDE FOR RETROPLATE PROCESS AND IS THE MANUFACTURERS APPLICATION
RECOMMENDATION. KEEP IN MIND THAT THE APPLICATOR WILL FINISH THE FLOOR TO A NICE LEVEL 3 HIGH GLOSS SHINE. APPLICATORS WILL ALTER THE STEPS AS NECESSARY TO ACHIEVE THE REQUIRED LEVEL 3 HIGH GLOSS SHINE. (SEE DEFINITION OF SHINE) DEFINITION OF EXPECTED SHINE
HIGH GLOSS: REFLECTIVE SHINE IN WHICH, AT A DISTANCE OF 30', THE
REFLECTIVITY IS CLEARLY DEFINED.

1) THE ENTIRE FLOOR AREA SURFACE IS THE ONLY AREA TO RECEIVE POLISHI
2) THE RECEIVING AREA, OFFICES AND RESTROOMS WILL BE FINISHED BY THE
LANDLORDS GC WITH SILICONE ACRYLIC CONCRETE SEALER
3) POLYUREA JOINT FILL (STANDARD GRAY) WILL BE REQUIRED.
4) CONTROL JOINTS INSTALLED INDICATED OF THE FOUNDATION PLAN AND IN
ACCORDANCE WITH THR "SLAB ON GRADE" NOTES ON SHEET S.I ADVANCED THE ENTIRE FLOOR SURFACE A) MUNICIPAL NECESSION NACHINES NEED FOR THE PROJECTS (2-32" PLANETARY) B) AS NECESSARY (B) AS NECESSARY WORK WILL BE COMP! SURFACE AT A RATE OF 1200-1500 FT PER GAL 

### P ENERA <u>STRUCTURAL</u>

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I. THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL DESIGN AND EXTENT OF THE WORK AND ARE PARTIALLY THEY ARE NOT INTENDED TO BE SCALED FOR ROUGH-IN TO SERVE AS SHOP DRAWINGS OR PORTIONS THEREOF.

3. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR AND ALL THE SUBCONTRACTORS SHALL VERIFY ALL GRADES, LINES, LEVELS, DIMENSIONS AND COORDINATE EXISTING CONDITIONS AT THE JOB SITE WITH THE PLANS AND SPECIFICATIONS. THEY SHALL REPORT ANY INCONSISTENCIES OR ERRORS IN THE ABOVE TO THE ARCHITECT/ENGINEER BEFORE COMMENCING WORK. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL LAY OUT THEIR WORK FROM ESTABLISHED REFERENCE POINTS AND BE RESPONSIBLE FOR ALL LINES, ELEVATIONS AND MEASUREMENTS IN CONNECTION WITH THEIR WORK. 2. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DET. OR SECTION IS SHOWN. DETAIL

4. IF ANY ERRORS OR OMISSIONS APPEAR IN THE DRAWINGS, GENERAL NOTES OR OTHER DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF SUCH OMISSION OR ERROR PRIOR TO PROCEEDING WITH ANY WORK WHICH APPEARS IN QUESTION. IN THE EVENT OF THE CONTRACTOR'S FAILING TO GIVE SUCH AN ADVANCED NOTICE, HE SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS OR OMISSIONS AND THE COST OF RECTIFYING THE SAME.

ETED PER THESE

SPECIFICATIONS.

5. THE CONTRACTOR SHALL USE THE STRUCTURAL DRAWINGS AND SPECIFICATIONS TOGETHER WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND OTHER TRADE DRAWINGS AND SHOP DRAWINGS, TO LOCATE DEPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, BOLT SETTING, SLEEVES, DIMENSIONS, ETC. NOTIFY ARCHITECT/ENGINEER, IN WRITING, OF ANY POTENTIAL CONFLICTS BEFORE PROCEEDING WITH THE WORK.

I. ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR ARCHITECT'S REVIEW ONLY AFTER THEY HAVE BEEN THOROUGHLY REVIEWED BY THE CONTRACTOR FOR CONSTRUCTION METHODS, DIMENSIONS AND OTHER TRADE REQUIREMENTS, AND STAMPED WITH THE CONTRACTOR'S APPROVAL STAMP. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR DIMENSIONS, QUANTITIES, ENGINEERING DESIGN BY DELEGATED ENGINEERS, ERRORS OR OMISSIONS AS A RESULT OF REVIEWING ANY SHOP DRAWINGS. ANY ERRORS OR OMISSIONS MUST BE MADE GOOD BY THE CONTRACTOR, IRRESPECTIVE OF RECEIPT, CHECKING OR REVIEW OF DRAWINGS BY THE ENGINEER AND EVEN THOUGH WORK IS DONE IN ACCORDANCE WITH SUCH DRAWINGS.

BEFORE STRUCTURAL INSPECTIONS CAN BE MADE ON A PORTION
THE STRUCTURE, ALL RELATED SHOP DRAWINGS, DELEGATED ENGINEERING,
ODUCT APPROVAL, MANUFACTURER'S DATA AND OTHER RELATED
'ORMATION, MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECTRECORD AND APPROVED BY THE BUILDING DEPARTMENT.

SHOP DRAWINGS SHALL CONTAIN ALL INFORMATION SHOWN ON THE RUCTURAL PLANS (RELATED TO THE DELEGATED DESIGN) INCLUDING ALL SIGN LOADS, IN ADDITION TO THE INFORMATION REQUIRED BY THE LEGATED ENGINEER'S DESIGN.

4. ARCHITECT WILL REVIEW ALL SUBMITTED SHOP DRAWINGS, PREPARED SIGNED AND SEALED BY THE CONTRACTOR'S DELEGATED ENGINEER, ONLY FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT, REQUIRED LOADING AND COORDINATION WITH THE STRUCTURAL DESIGN.

AND

5. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT TWO SETS OF BLUE PRINTS OF THE STRUCTURAL SHOP DRAWINGS FOR ARCHITECT REVIEW, BEFORE STARTING FABRICATION. THE ARCHITECT WILL RETURN ONE MARKED UP AND STAMPED COPY TO THE CONTRACTOR. THE MARKED-UP COPY SHALL BE USED TO MAKE THE PRINTS REQUIRED FOR SHOP DRAWING DISTRIBUTION.

I. THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, SAFETY PRECAUTIONS, SHORES, RESHORES, LATERAL BRACING AND PROGRAMS IN CONNECTION WITH THE PROJECT, ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OUR SERVICES DO NOT GUARANTEE NOR ASSURE LIABILITY FOR THE JOB SAFETY, TEMPORARY SHORING AND BRACING AND THE PERFORMANCE OF THE CONTRACTOR. CONSTRUCTION MEANS AND METHODS

3. PROVIDE ALL SHORING, BRACING AND SHEETING AS REQUIRED FOR SAFETY, STRUCTURAL STABILITY AND FOR THE PROPER EXECUTION OF WORK. REMOVE WHEN WORK IS COMPLETED. 2. THE CONTRACTOR IS RESPONSIBLE AND SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE AND APPLICABLE LOCAL, STATE AND FEDERAL LAWS. IDE AND MAINTAIN GUARD LIGHTS AT ALL BARRICADES, OBSTRUCTIONS IN THE STREETS, ROADS OR SIDEWALKS AND ALL OR PITS ADJACENT TO PUBLIC WALKS OR ROADS.

6. AT THE END OF THE DAYS WORK, COVER ALL WORK LIKELY TO BE DAMAGED. ANY WORK DAMAGED BY FAILURE TO PROVIDE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT THE CONTRACTOR'S EXPENSE. 5. AT ALL TIMES, PROVIDE PROTECTION AGAINST WEATHER (RAIN, WIND, STORMS OR THE SUN), SO AS TO MAINTAIN ALL WORK, MATERIALS, APPARATUS AND FIXTURES FREE FROM INJURY OR DAMAGE.

. THE CONTRACTOR SHALL PAY FOR ALL DAMAGES TO ADJACENT TRUCTURES, SIDEWALKS AND TO STREETS OR OTHER PUBLIC PROPERTY UBLIC UTILITIES.

# STRUCTURAL DESIGN CRITERIA:

THE DESIGN COMPLIES WITH THE REQUIREMENTS OF TI-DING CODE - SECTION 1609 AND OTHER REFERENCED OF CIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL PERMIT. THE 2023 FLORIDA CODES AND L BE LATEST EDITION

ROOF DESIGN LOADS: JPERIMPOSED DEAD LOADS: JPERIMPOSED LIVE LOADS: 20 PSF 20 PSF

BASED ON ANSI/ASCE 7-22.

BASIC

MIND

**VELOCITY** 

WIND LOAD CRITERIA:

FLOOR DESIGN LOADS:
JPERIMPOSED DEAD LOADS:
JPERIMPOSED LIVE LOADS:
ESIDENTIAL MIND NET 40 PSF 60 PSF

TOP OF FOOTING

21/2"

10"

10"

chitect

2. NATURAL GRADE (OR FILL) BELOW FOOTINGS SHALL COMPACTED TO 98 % MODIFIED PROCTOR (ASTM D-1557).

4. BOTTOM OF ALL FOOTINGS TO BE A MINIMUM 1'-6" BELOW THE TOP OF CONCRETE SLAB ON GRADE (UNLESS OTHERWISE NOTED) OR MINIMUM 1'-0" BELOW FINISHED GRADE, WHICHEVER IS LOWER. IN THE EVENT THAT THE SLAB STEPS ON EACH SIDE OF THE FOOTING, THE FOOTING SHALL BE 1'-6" BELOW TOP OF THE LOWER SLAB.

REINFORCING IN THE CONTINUOUS WALL FOOTINGS (MONOLITHIC ND NON-MONOLITHIC) SHALL BE SPLICED 40 BAR DIAMETERS MINIMUM AND HALL EXTEND CONTINUOUSLY THRU ALL FOOTING PADS.

ALL FOOTINGS SHALL BE 12" MINIMUM THICKNESS.

2. ALL SLABS ON GRADE TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST A.C.I - "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION" (A.C.I. - 302.IR)

5. FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12" AND COMPACTED TO 98 % MODIFIED PROCTOR (ASTM D-1557) WITHIN DISTANCE OF 3 FEET BEYOND ALL FOOTING EDGES. TAKE AT LEAST DENSITY TEST FOR EACH 1,600 SQ.FT. OF AREA AND 12" BELOW SURF, RESULTS OF THE TEST TO OWNER, ARCHITECT AND ENGINEER. ACE. SEND

# CONCRETE AND REINFORCING:

2. ALL CONCRETE WORK IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING" (A.C.I. 301 - LATEST EDITION). PRODUCTION OF CONCRETE, DELIVERY, PLACING AND CURING TO BE IN ACCORDANCE WITH "HOT WEATHER CONCRETING" (A.C.I. 305R - LATEST EDITION). . CONCRETE DESIGN AND REINFORCEMENT IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (A.C.I. LATEST EDITION) AND WITH "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" - (A.C.I. 315 - LATEST EDITION).

4. ALL REINFORCING TO BE NEW BILLET STEEL CONFORMING TO THE LATEST A.S.T.M. A-615 GRADE 60, FABRICATED IN ACCORDANCE WITH C.R.S.I. MANUAL OF STANDARD PRACTICE AND PLACED IN ACCORDANCE WITH A.C.I. 315 AND C.R.S.I. MANUAL OF STANDARD PRACTICE. ALL CONCRETE TO BE REGULAR WEIGHT WITH A DESIGN STRENGTH 3,000 P.S.I. AT 28 DAYS. MAXIMUM SLUMP 5".

SLABS ON GRADE: CONCRETE COVER UNLESS OTHERWISE DETAILED ON DRAWINGS (BOTTOM).... (TOP & SIDES). CENTERED W/SLAB <u>ب</u> سٍ

7. ADDED REINFORCEMENT: PROVIDE ADDITIONAL CORNER BARS BENT 36 INCHES MINIMUM EACH WAY AT "L" AND "T" CORNERS IN OUTER OF ALL BEAMS TO MATCH ALL HORIZONTAL BAR (TOP, BOTTOM AND INTERMEDIATE REBARS). 6. BEAM REINFORCEMENT: LAPPED 36 BAR DIAMETER OR MINIMUM 18 INCHES. BOTTOM BARS SPLICED ONLY AT SUPPORTS, TOP BARS SPLICED ONLY AT MID-SPAN. ALL TOP BARS HOOKED AT NONCONTINUOUS EDGES (U.O.N.). ALL HOOKS TO BE STANDARD 90 DEGREE HOOKS AS REQUIRED (U.O.N.).

SEE PLAN FOR MINIMUM SIZE CONCRETE TIE BEAM REQUIREMENTS

FACES

FOOTING ®

EDGE

 $\square$ 

3. TOP OF WALL FOOTINGS TO BE AT THE SAME ELEVATION AS TOP OF COLUMN PAD FOOTINGS. STEP WALL FOOTING FROM HIGHER COLUMN FOOTING TO THE LOWER ONE (AS DETAILED ON THE PLANS). I. FOUNDATIONS ARE DESIGNED TO BEAR ON WELL COMPACTED GRADE OR CLEAN FILL OF AN ALLOWABLE BEARING CAPACITY OF 1,000 PSF MINMUM. FOR REQUIRED SOIL BEARING CAPASITIES GREATER THAN 1,000 PSF, A CERTIFIED TESTING LABORATORY SHALL BE ENGAGED BY THE OWNER TO VERIFY THAT THE REQUIRED BEARING CAPACITY WAS OBTAINED. SAID SOIL CAPACITY SHALL BE CERTIFIED AND TESTED BY A FLORIDA REGISTERED FOUNDATION ENGINEER, PRIOR TO CASTING OF CONCRETE IN THE FOOTINGS.

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ALL ANCHOR:
STEEL ROD, TH

THREADED 3", OR GRAFREE FROM RUST AND

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6. ALL LONGITUDINAL REBARS IN THE CONTINUOUS WALL FOOTINGS, SHALL BE CONTINUED AT BENTS AND CORNERS BY BENDING THE REBARS 48 BAR DIAMETERS AROUND THE CORNERS OR ADDING MATCHING CORNER BARS, EXTENDING 48 BAR-DIAMETERS INTO FOOTING EACH SIDE OF CORNER OR BENT.

SCALE: |" = |'-0"

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## CONCRETE SLABS ON GRADE:

I. ALL INTERIOR AND EXTERIOR SLABS AND WALKWAYS AS SHOWN ON THE STRUCTURAL OR ARCHITECTURAL PLANS, SHALL BE FOUR INCHES THICK MINIMUM REINFORCED WITH 6 X 6 - WI.4 X WI.4 WELDED WIRE FABR (UNLESS OTHERWISE NOTED).

NOTH!

REFER TO THE METAL BUILDING SHOP

DRAWINGS PREPARED BY FERIOUS STEEL

BUILDINGS FOR EXACT LOCATION OF ALL

EMBEDDED ANCHOR BOLTS.

JOINTS SHALL BE PROVIDED IN ALL INTERIOR SLABS ON GRADE AT OC. INDICATED ON THE PLANS DIVIDING THE SLAB INTO SQUARE PANELS NOT TO XCEED 20 X 20 FT. IN SIZE. CAST SLAB IN LONG ALTERNATE STRIPS. PROVIDE CONTRACTION JOINT BETWEEN EACH STRIP. SEE PLAN FOR SAW-CUT, ONTRACTION AND ISOLATION JOINT DETAILS.

NOTED TO THE TOTAL OF THE TOTAL

CTION PER THE "MODIFIED TO 98% DRY CTION PER THE "MODIFIED TO 98% DRY

4. PROVIDE SAW-CUT JOINTS AT ALL SIDEWALKS AT A MAXIMUM SPACING OF FIVE FEET ON CENTERS AND ISOLATION JOINTS AT 20 FEET (U.O.N.).

NOTH!
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2023 FBC 1606
AND LOCAL JURISDICTION REQUIREMENTS

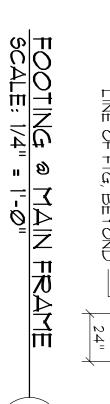
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,20"

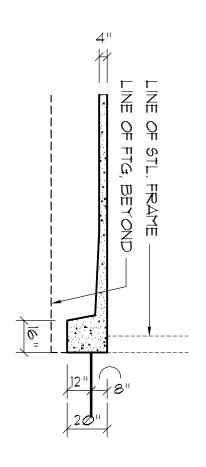
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### ANOT <del>Q</del> <u>8</u> / FOUNDATION SIZING:

THE ANCHOR BOLT DIAMETERS AND DEVELOPED LENGTHS INDICATED IN THIS DRAWING WERE DETERMININED USING SHEAR FRICTION THEORY AS DESCRIBED IN AISC DESIGN GUIDE No.7, SECTION 9.2, ASSUMING AN ANCHOR BOLT MATERIAL OF ASTM A307 OR A36. THE COMBINED FORCES ACTING AT THE BASE OF THE STEEL FRAME RESULTING IN A VERTICAL REACTION ACTING UPON THE FOUNDATION WERE DEVELOPED AS FOLLOWS:

## ₫

T # 70 TOTAL TENSILE FORCE PER BOLT DUE TO SHEAR FRICTION =  $\vee$  /  $(n \times u)$  TENSILE FORCE PER BOLT DUE TO SHEAR FRICTION =  $\vee$  /  $(n \times u)$ नुह

P = TOTAL UPLIFT TO BE RESISTED BY ANCHOR BOLT GROUP V = TOTAL SHEAR FORCE TO BE RESISTED BY ANCHOR BOLT n = NUMBER OF ANCHOR BOLTS u = COEFFICIENT OF FRICTION (TAKEN AS Ø.7 FOR UNGROUTED PLATES OR Ø.9 FOR GROUTED BASE PLATES) ANCHOR BOLT STONE OF THE PROPERTY OF THE P

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DATE 20 FEB 2025

1758 NW Brown Rd. Lake City, FL 32055 386-365-4355

















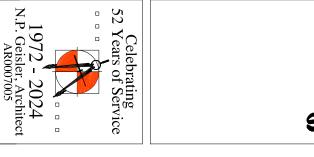


















OFFICE / GYMNASIUM

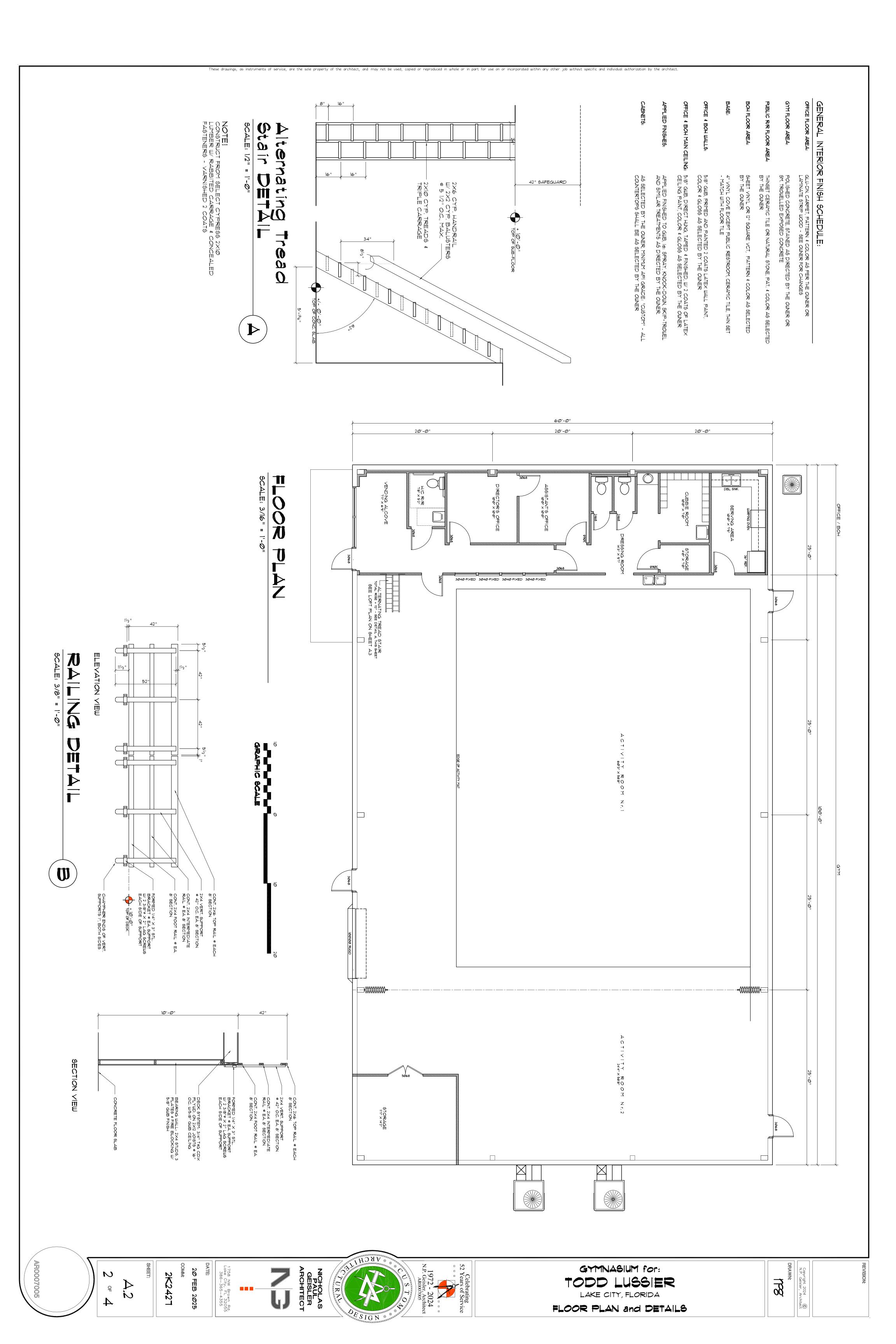
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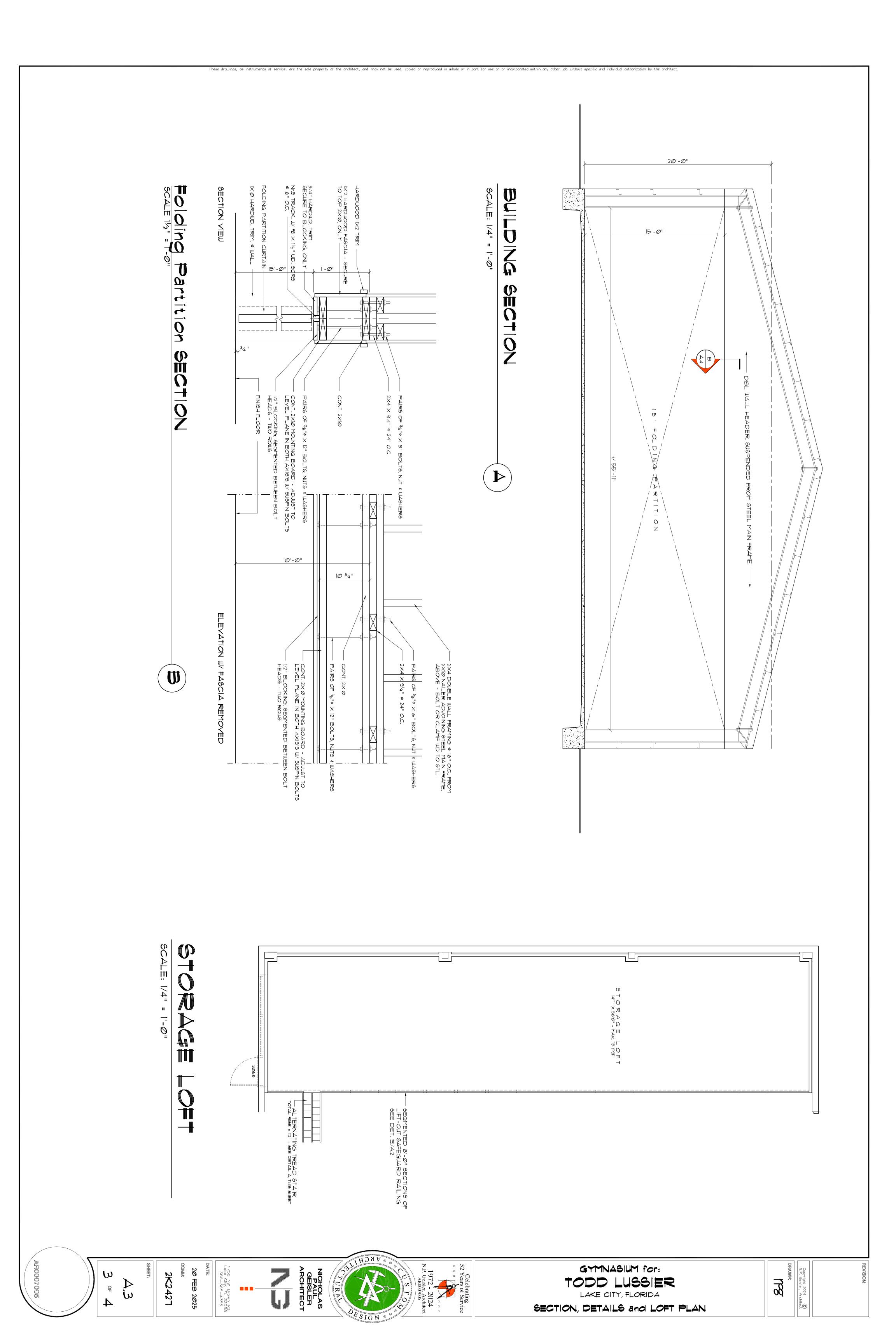
##91 #| #\#\A110\

@CALE: 3/16" = 1'-0" 18'-0" GYMNASIUM for: TODD LUSSIER

LAKE CITY, FLORIDA

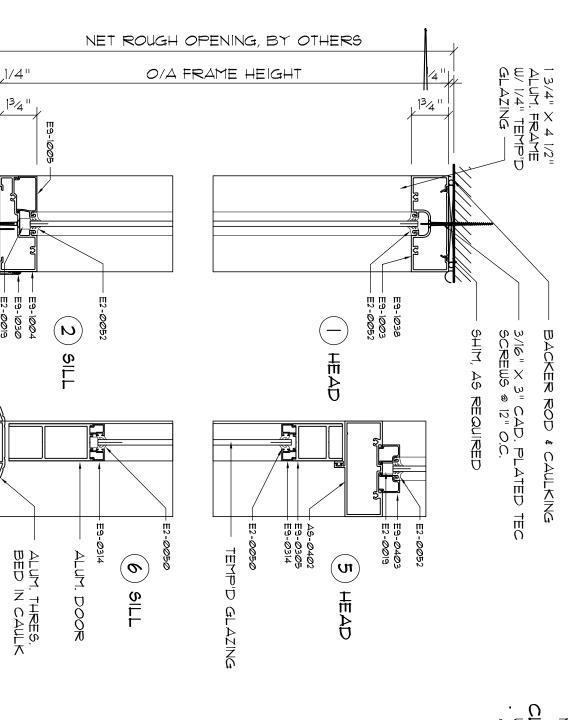
ELEVATIONS





### BMAL (8) $3/16" \times 3"$ CAD. PLATED SCREWS & 12" O.C. ROD # CAUL 133/4= 4 **4 4 4 9 4** ε<u>Γ</u> (4 1/2 × 4 = GLAZING で - 4 <sup>-</sup> ス . ク 36" DOOR

### SCALE: 0.00 July 1 <u>=</u> ĽΩ П 7 Й



# STOREFRONT DOORS & MANUFACTURER: YKK AP AMERICA, INC. 1606 CURRENCY DRIVE ORLANDO, FL 3280T

FINIOH:
IN ACCORDANCE WITH AA-MI2C22A42,
COLOR: DARK BRONZE

GLAZING:

510REFRONT DOORS - MEDIUM STYLE 35D:

EXTERIOR: 9/16" TINTED TEMPERED GLASS
INTERIOR: 1/4" CLEAR TEMPERED GLASS

STOREFRONT | 3/4" × 4 |/2" "C-5LOT"; TYFEXTERIOR; |" TINTED TEMPERED GLASS INTERIOR; |/4" CLEAR TEMPERED GLASS

STOREFRONT |  $3/4" \times 6"$  "C-SLOT": TYPE EXTERIOR: |" TINTED TEMPERED GLASS

DOOR HANDWARE:
CLOSER - CONCEALED, SELECTIVE HOLD OFFSET PIVOTS - BALL BEARING TYPE

LOCKS - "ADAMS-RITE" Nr.: 4010, DEAD LATCH, LEVER 4560 ON EXTERIOR IN COMBINATIN W/ PANIC DEVICES, EA. LEAF.

PULL HANDLES: STANDARD ALUMINUM UNI PUSH BARS: STANDARD ALUMINUM UNITS

PANIC HARDWARE: CONCEALED ROD TY WIDTH ACTUATOR BAR

INSTALLATION REQUIREMENT CONTRACTOR SHALL PREPARE OPENINGS WINDOW/DOOR UNITS AS SCHEDULED. NET OPENING WIDTH SHALL BE FRAME WID **76:** 36 10 RECEIVE

CLEANING:

USE ONLY A SOLUTION OF A MILD LIQUID

ALL SURFACES, INCLUDING GLAZING AND NET OPENING HEIGHT SHALL BE FRAME SOAP IN WATER FOR SASH MATERIALS. GHT + 1/2"

# BUDDOWS

, MATERIALS; ALL GLASS AND GLAZING SHALL BE IN ACCORDANCE WITH THE STANDARDS AND ACCOMMENDATIONS OF THE CURRENT EDITION OF THE LAZING MANUAL OF THE FLAT GLASS JOBBERS ASSOCIATION.

TERIOR GLASS SHALL BE 1/2" CLEAR, FULLY TEMPERED BUTT GLAZED JOINTS, JOINT NOT TO EXCEED 3/8"
NOR LESS THAN 1/4". SEAL JOINTS WITH
IMERCIAL GRADE NEUTRAL CURE, CLEAR SILICONE.
D CURE SILICONE WILL NOT BE ACCEPTED.
LICATION SHALL BE TAPE AND TOOL.

FINISH OF ALL SILL FLASHING SHALL BE .040" LUMINUM TO MATCH STOREFRONT MATERIAL.

DOOR FRAMES FOR ENTRANCE DOORS SHALL BE LUMINUM STOREFRONT FRAME WITH CUT OUTS AND ACKING PLATES FOR (3) BUTT HINGES FOR EACH DOOR EAF. LOCATION OF HINGES TO BE COORDINATED BY ENERAL CONTRACTOR WITH STOREFRONT IBCONTRACTOR.

AT CORNERS WITH CONCELAED REINFORCEMENT
AT CORNERS WITH CONCELAED REINFORCEMENT
BRACKETS SECURED WITH BOLTS AND SCREWS, AND
SHALL BE "MIG" WELDED. DOORS SHALL HAVE SNAP-IN
STOPS WITH BULB GLAZING VINYL ON BOTH SIDES OF
SLASS. NO EXPOSED SCREWS SHALL BE PERMITTED.
EACH DOOR LEAF SHALL BE EQUIPPED WITH AND
ADJUSTING MECHANISM LOCATED IN THE TOP RAIL NEAR
THE LOCK STILE, WHICH PROVIDES FOR MINOR
CLEARANCE ADJUSTMENTS AFTER INSTALLATION.
WEATHERING SHALL BE INSTALLED IN THE HINGE STILE
OF PAIR OF DOORS. DOOR FRAME AND SIDELIGHT
FRAMING SHALL BE ACCURATELY JOINED AT CORNERS
WITH CONCEALED SCREWS.

. ALL HARDWARE FOR ENTRANCE DOORS, WITH THE XCEPTION OF THE CYLINDERS, SHALL BE FURNISHED ND INSTALLED BY ALUMINUM STOREFRONT ONTRACTOR AS FOLLOWS:

14. ALL ITEMS SHALL BE SET IN THEIR CORRECT LOCATIONS AS SHOWN ON THE DRAWINGS AND SHALL BE LEVEL, SQUAREM PLUMB, AND AT PROPER ELEVATION AND IN ALIGNMENT WITH OTHER WORK. THIS CONTRACTOR SHALL DO ALL CAULKING AND SEALING ASSOCIATED WITH THIS WORK.

STOREFRONT GLASS REFER TO PLANS, AND DETAILS AND FOR SIZE, AND TYPE. <u>U</u>

. EACH PIECE OF GLASS SHALL BE LABELED, NOTING HE NAME OF THE MANUFACTURER, GRADE, UALITY AND TYPE. LABELS SHALL BE INTACT EFORE AND AFTER INSTALLATION.

MIRRORS SHALL BE "A" QUALITY 1/4" THICK POLISHED ATE WITH FULL STAINLESS OR ALUMINUM FRAME AND NCEALED FASTENERS.

STOREFRONT SHALL BE EQUAL TO YKK AP AMERICA, INC. 506 CURRENCY DR., ORLANDO, FL 32807, OTHER APPROVED GIRS ARE KAWNEER CO. AND VISTAWALL ARCHITECTURAL

6. ALL ALUMINUM STOREFRONT FRAMING AND DETAILS INDICATED ON THE DRAWINGS AND/OR DETAILS, SHALL BE EQUAL TO VISTAWALL SERIES 2000. THE FRAMING SHALL BE ACCURATELY ASSEMBLED WITH UNEXPOSED FASTENERS UTILIZING EXTRUDED SPLINES, CLIPS AND/OR SNAP-IN FEATURES. ALL GLAZINGSHALL BE HELD IN PLACE BY E.P.D.M. GLAZING GASKETS. NO APPLIED STOPS SHALL BE PERMITTED. ALL EXPOSED SURFACES SHALL BE FREE OF UNSIGHTLY SCRATCHES AND BLEMISHES. THE FINISH SHALL BE ANODIZED ALUMINUM. COLOR: DK. BRONZE IN ACCORDANCEW/ AA-MI2C22A42/A44

9. ALL DOOR AND FRAMING SECTIONS SHALL BE EXTRUDED ALUMINUM ALLOY AND TEMPERED TO MEET OR EXCEED FINISHING AND STRUCTURAL CRITERIA. DOOR STILES AND RAILS, EXCLUDING GLASS STOPS, SHALL BE TUBULAR AND HAVE Ø.125" WALL THICKNESS. ALL WEATHERING SHALL BE HARDBACKED SILICONE TREATED POLYPROPYLENE. ANY EXPOSED FASTENERS SHALL BE ALUMINUM, STAINLESS STEEL OR OTHER NON-CORROSIVE MATERIAL. DOOR VERTICAL STYLES SHALL BE NOMINAL 4-1/4", BE A MINIMUM OF 8-1/2". ALL DIMENSIONS NOTED ABOVE ARE WITH GLASS STOPS ON.

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. ALL EXPOSED SURFACES SHALL BE FREE OF UNSIGHTLY TRATCHES AND BLEMISHES. THE FINISH SHALL BE NODIZED, AS PER YKK AP AMERICA, INC. PRODUCTS ANDARD - DARK BRONZE.

DESIGN CRITERIA FOR WIND LOADS SHALL BE IN CORDANCE WITH ASCE-1-16 DESIGN WITH WIND LOCITY OF 130 M.P.H., BUILDING IMPORTANCE FACTOR: 1.10

SCALE:

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A. 1-1/2 PAIR OF 4-1/2" BUTTS

B. ADAMS-RITE 8400 SERIES MORTISE EXIT DEVICE
C. LCN SUPER SMOOTHEE MOUNTED PARALLEL ARM
WITH DROP PLATE
D. BUG SWEEP WITH SLIDE ON COVER
E. MANUFACTURER'S STANDARD WEATHERSTRIPPING
F. PH - 11 PULL HANDLE ON EXTERIOR
G. ALL HARDWARE SHALL BE FINISHED AS SELECTED
BY THE OWNER.

SCALE: YARIOUS

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THE FOLLOWING SHALL BE CONSIDERED SPECIFIC FOR THE PURPOSES OF GLAZING:

GLAZING IN SWINGING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES.

GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (314 MM) OR LESS, MEASURED HORIZONTALLY, FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM), MEASURED VERTICALLY, ABOVE SUCH STANDING OR WALKING SURFACES.

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH (610 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.

ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.

TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.

BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE

THE FLOOR.

TEMPERED GL

ASS NOTES:

HAZARDOUS LOCATIONS

SCALE: 2"

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Typical

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REFER TO HEAD DETAIL

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

EXPOSED AREA OF AN INDIVIDUAL PANE GREATER T M^2).

AN 9 50 FT (0.84

EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PDOOR IN A CLOSED POSITION IN GROUP R3 OR MITHIN DWIGROUP R2 SHALL BE SUBJECT TO 2004 FBC 2405.2.1(4).

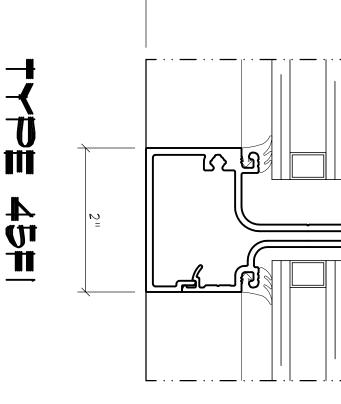
6'-0"

6'-8" 2'-4" 9'-0'

utdoor Lite: "Solargray" Glass by Vitro Architectural Glass, Sputter door Lite: Clear (transparent) Float Glass ow-E Coating: 'Solarban" 70XL Solar Control (Sputtered) by Vitro ocation: Second Surface (2) Z Z Z (2) "Solargray" + Clear くだっ Archite

erformance Values

roved Manufacturers: Vitro Certified Fabricator Requification: Both lites to be Cradle to Cradle Certified, radle to Cradle Product Innovation Institute (www.c2ccation Appearance: Gray Unit Construction: 1/4" (6mm) glass + 1/2' (13mm) air

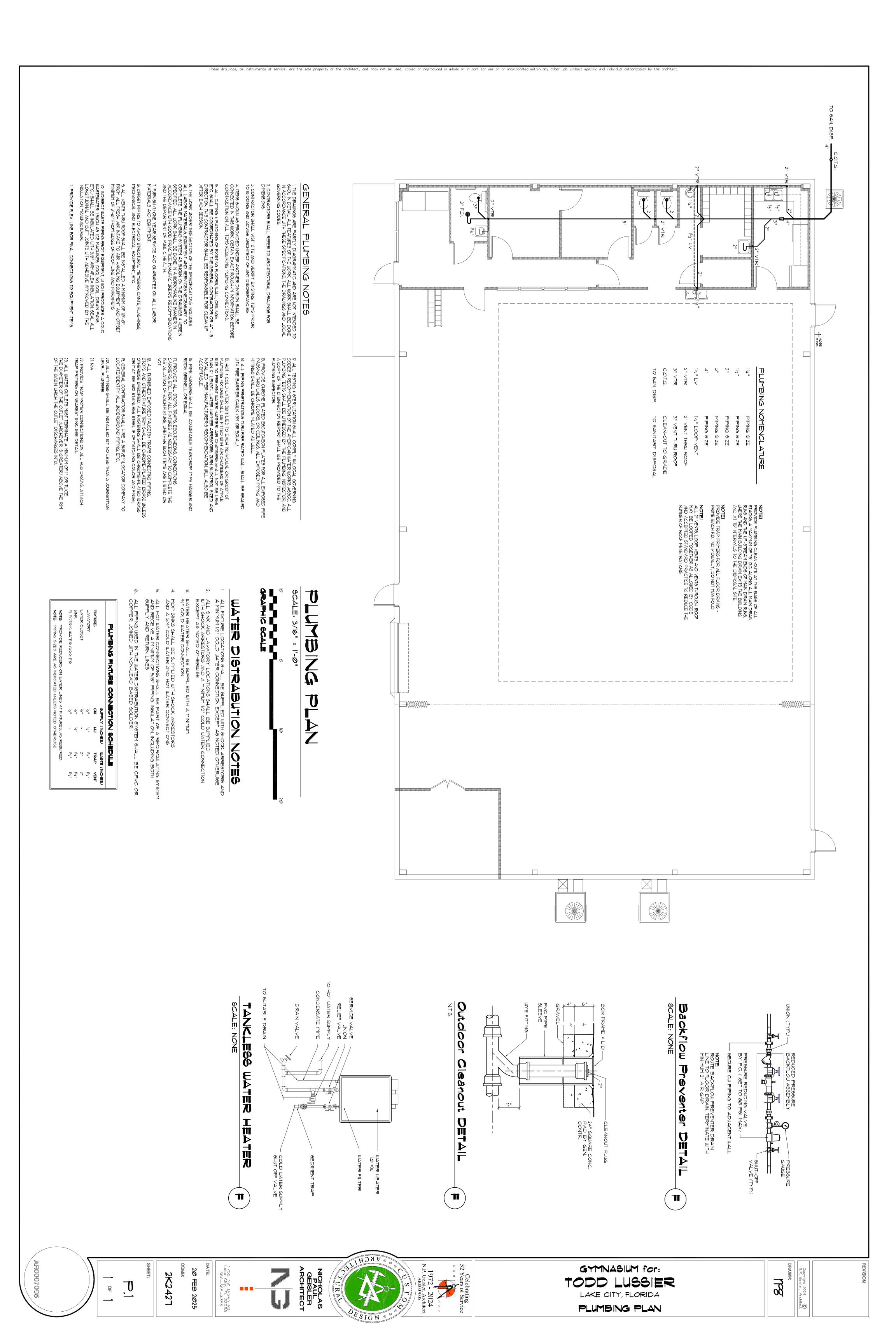


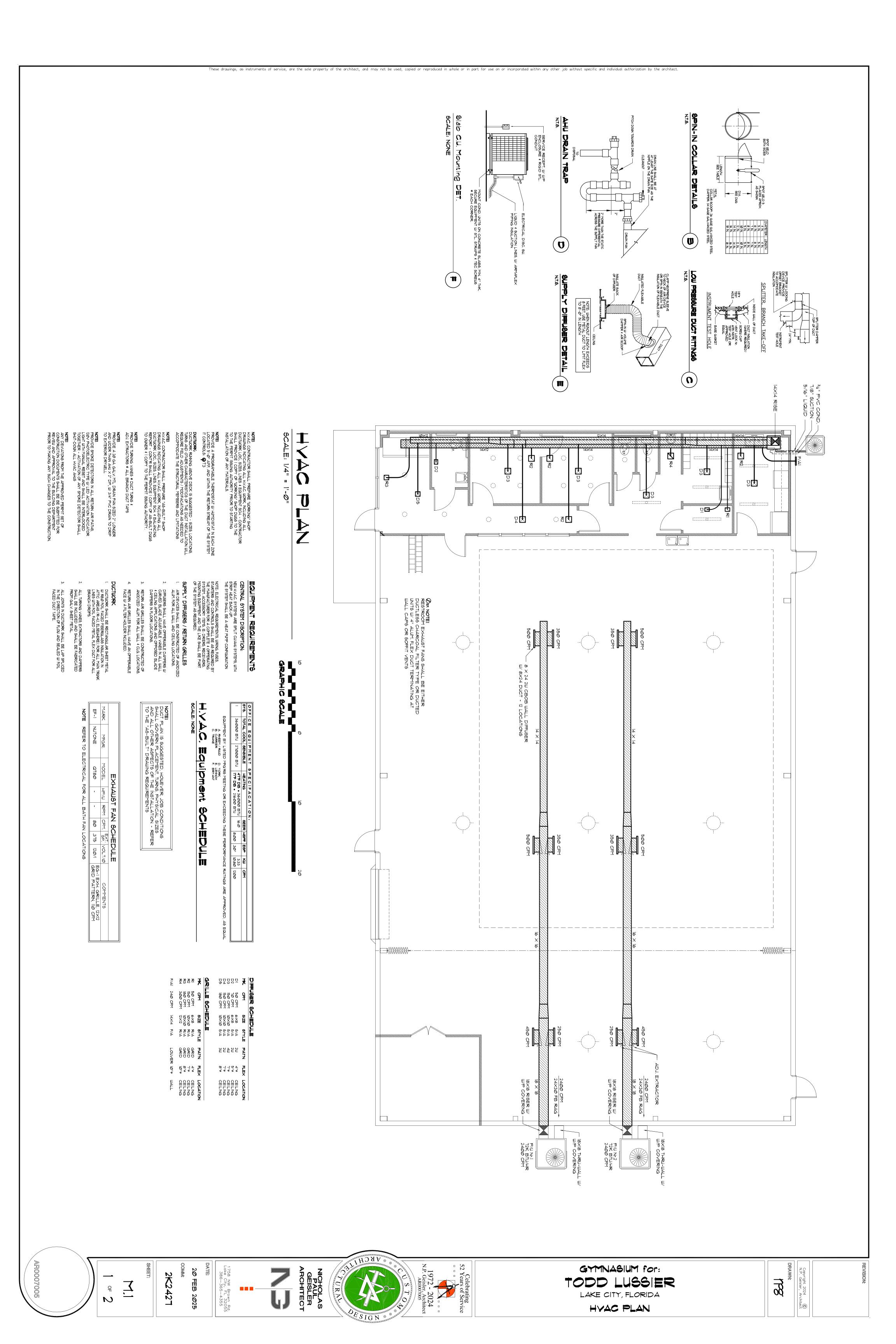
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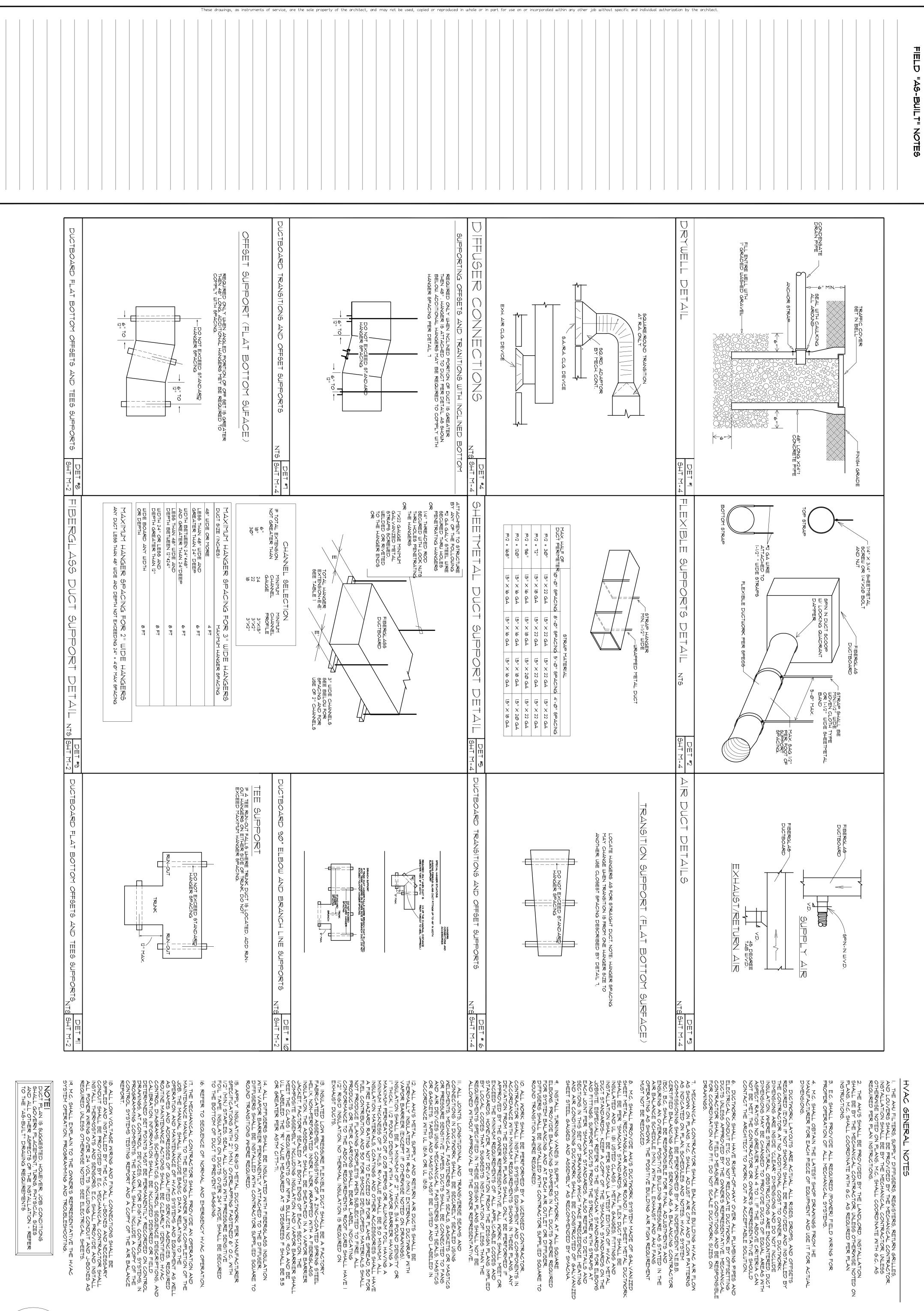
LAKE CITY, FLORIDA STOREFRONT GLASS DETAILS

GYMNASIUM for:

todd lussier







TELAN IS SUGGESTED, HOWEVER, JOB CONDITIONS
IL GOVERN PLACEMENT, TURNS, PHYSICAL SIZES
ALL OTHER ASPECTS OF THE INSTALLATION - REFER
HE "AS-BUILT" DRAWING REQUIREMENTS

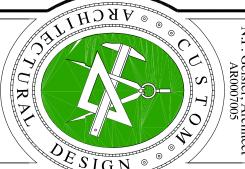
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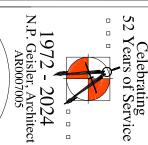
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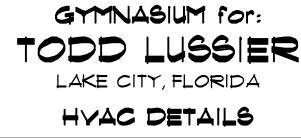


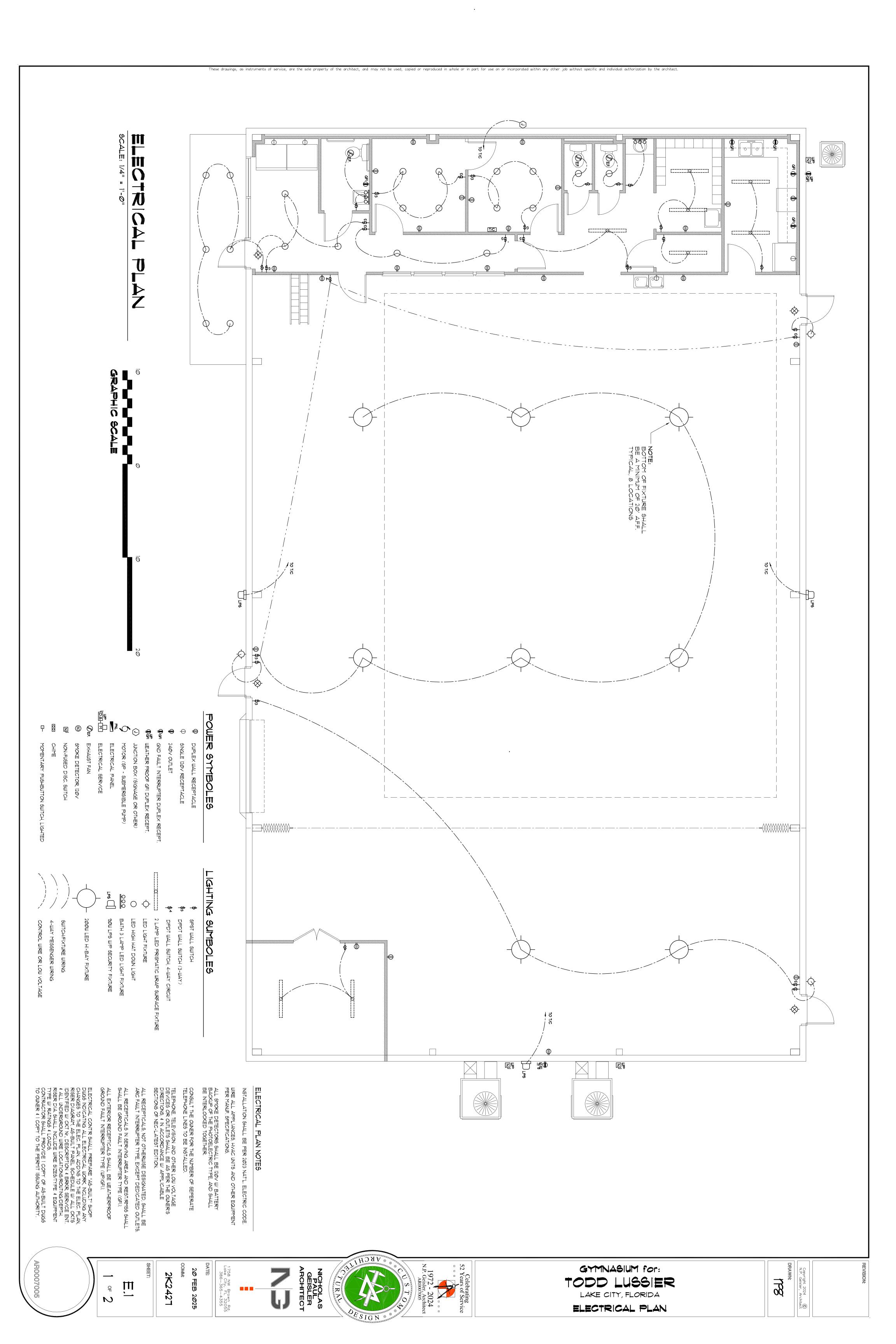


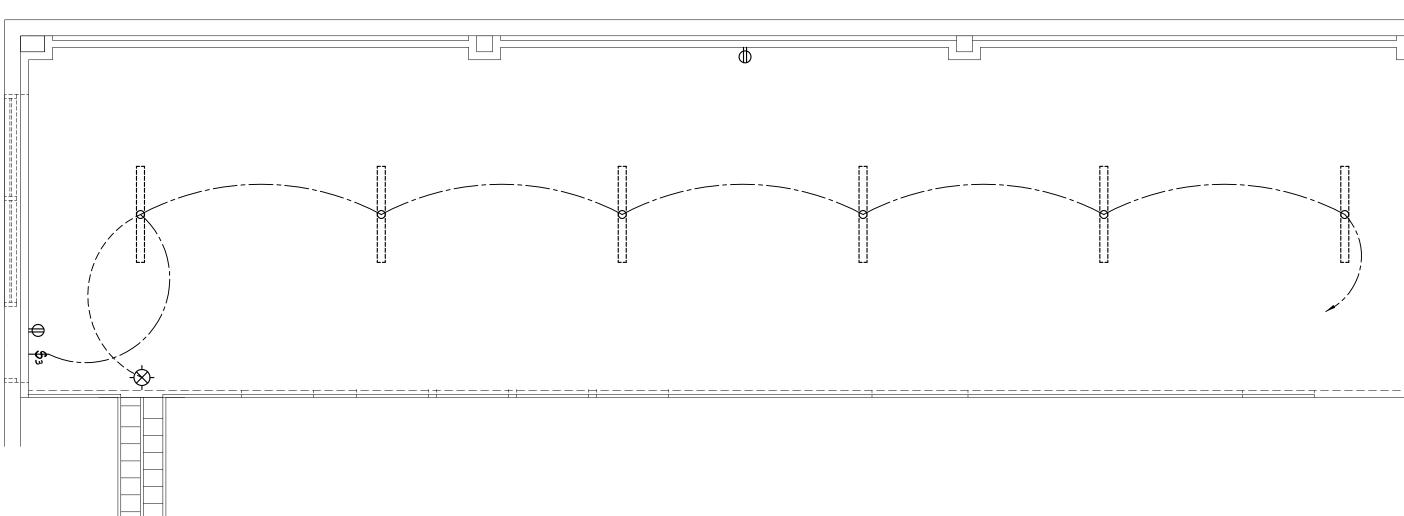






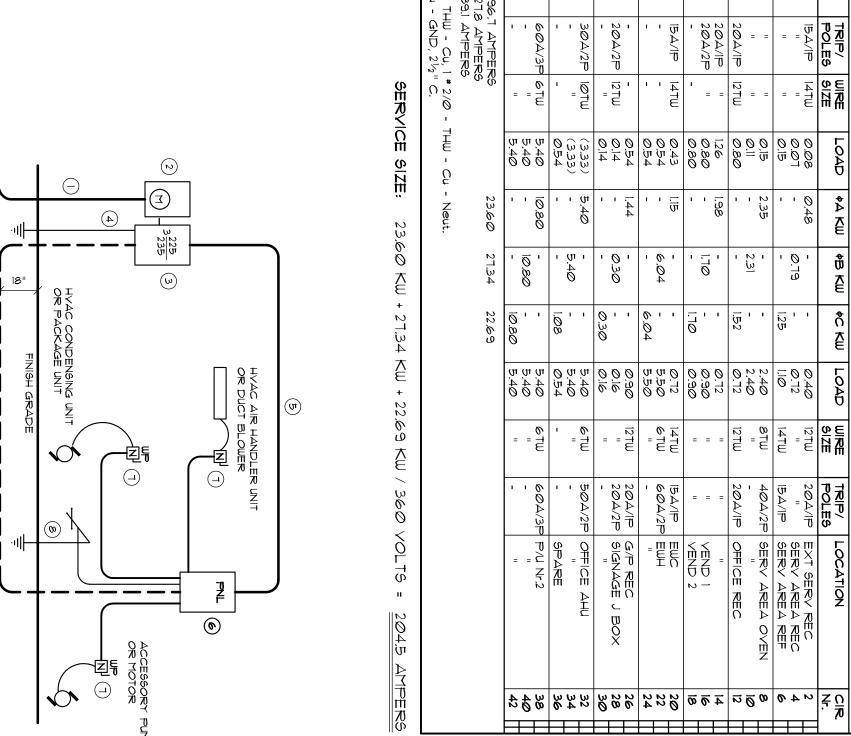






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TRIP/ WIRE POLES SIZE 15A/IP 14TW = 14TW

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NOTE! THE MINIMUM AIC RATING FOR PANEL BOARDS, BIRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.	Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.  Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.	House Panel (PNL), U.L. Lised, sized per schedule.	SERYICE SIZE: 3-*4/0-USE-Cu, I-*2/0-USE-Cu-Neut., I-*4-Cu-Gnd, 2½" Conduit.	Service entrance Ground: $^{5}8$ " $\phi$ iron/steel rod $\times$ $8'-0$ " long and/or concrete encased foundation steel rebar $\times$ $20'-0$ " long. Grounding Conductor shall be bonded to each piece of Service/ Entrance Equipment, and shall be sized per Item $^{45}$ , below.	Main Disconnect Switch: fused or Main BRKR, weatherproof, U.L. Listed.	Meter Enclosure, weatherproof, U.L. Listed.	Service/Feeder Entrance Conductors: 2½" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor, Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.	(B) ALTERNATE LOCATION	FINISH GRADE =	HYAC CONDENSING UNIT (B)			HYAC AIR HANDLER UNIT

SCALE: NONE	MLMCTNICAL
	70 m 70 m
	225 <sub>A</sub>

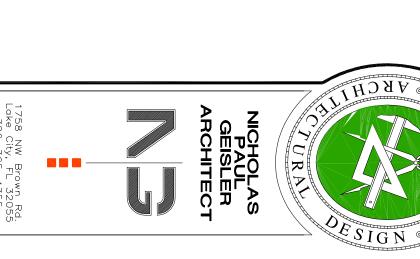
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TECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL	DO NOT SCALE THE ELECTRICAL DRAWINGS, REFER TO ARCHI-	LECTRICAL NOTES: General

l	LECTRICAL NOTES: General
	DO NOT SCALE THE ELECTRICAL DRAWINGS, REFER TO ARCHI- TECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT, CONFIRM WITH OWNER.
	NSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1991 EDITION, AND IT'S AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
	GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-1994.
	NSTALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, THUN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE. ALL CONDUCTORS #10 4 SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED TYPE.
	PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN- INGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
•	COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
	NSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
	NSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST-ROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
	NSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
.9	NOTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.

8

ALL ELECTRICAL APPLICATIONS & DETERMINE THE CONTRACTOR SHALL VERIET ALL COMPONENTS FI	ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.	ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP, NO TIE HANDLES OR TANDEMS SHALL BE ACCEPTABLE.
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NIRACIOR SHALL VERIEY ALL COMPONENTS FOR	KENT LIMITED TYPE (C.L.) RATED 200,000 AIC.	O TIE HANDLES OR TANDEMS SHALL BE
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THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD
REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.

CONNECTED BY THE ELECTRICAL CONTRACTOR.

RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".

IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.

Celebrating 52 Years of Service 1972 - 2024 N.P. Geisler, Archite AR0007005 TON

GYMNASIUM for: LUSSIER LAKE CITY, FLORIDA

right 2024 © Geisler, Architect

AR0007005

ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX, AVAILABLE FAULT CURRENT AND MAX, ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

WHEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE Installed so that no pull exceeds this distance,

PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE, VERIF, NUMBER AND SIZES OF CIRCUITS.

CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.

COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS, CO-ORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER.

HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.

OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL DRY LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.

FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).

MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG.

DLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, TER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE AMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPTIERE ELECTRICAL GROUND IS PROVIDED.

ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTI-FIED A TO WHAT IS INCLUDED ON SAID CIRCUIT.

MERGENOY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE LANS, SHALL BE WIRED PER NEC 100-12F.