

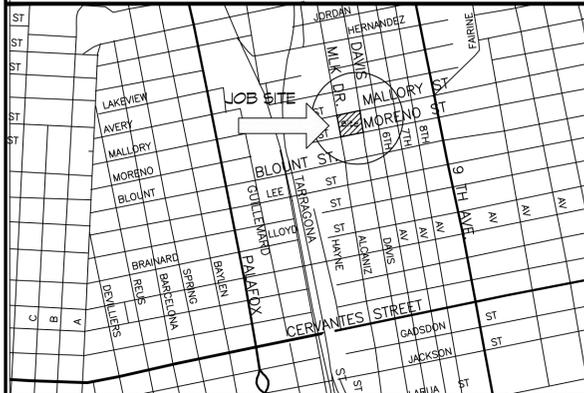
DEVELOPMENT FOR THE

GENERAL DANIEL "CHAPPIE" JAMES JR. MEMORIAL PARK

1608 DR. MARTIN LUTHER KING, JR. DRIVE.

PENSACOLA, FLORIDA 32501

LOCATION MAP:



SITE/BLD'G DATA:

OCCUPANCY
 * MUSEUM: ASSEMBLY: A-3
 * MUSEUM SUPPORT : BUSINESS : B
 * FLIGHT ACADEMY : BUSINESS : B

ZONED : RNC-RESIDENTIAL / NEIGHBORHOOD COMMERCIAL

BUILDING FLOOR AREA
 * MUSEUM : 1000 SF. CONDITIONED AND NON-CONDITIONED
 * MUSEUM SUPPORT : 2907 SF. CONDITIONED AND NON-CONDITIONED
 * FLIGHT ACADEMY : 1,835 SF. CONDITIONED

OFFSTREET PARKING : TOTAL 12 ONSITE, ADJ. ON STREET AVAILABLE
 : SHARED PKG. W/CHURCH, 6TH & MORENO ST.

MAX BUILDING HEIGHT : 35'-0"

BUILDING SETBACKS : FRONT 15'-0" : SIDE 5'-0" : REAR 15'-0"

FLOOD ZONE : SEE CIVIL SHEET

WIND LOAD : SEE STRUCTURAL

LOT COVERAGE : SEE CIVIL SHEET

PROPERTY REF. NO. : 00-050UTH-00-003-100

PROJECT DATA:

PROJECT: NEW ADDITION FOR THE "FLIGHT ACADEMY":
 GENERAL DANIEL "CHAPPIE" JAMES JR.
 MEMORIAL PARK
 1608 DR. MARTIN LUTHER KING DRIVE
 PENSACOLA, FLORIDA

OWNER: CITY OF PENSACOLA
 222 WEST MAIN STREET
 PENSACOLA, FL 32502

SCOPE OF WORK:

THE SCOPE OF WORK INVOLVES THE EXPANSION OF THE EXISTING GENERAL DANIEL "CHAPPIE" JAMES JR. MEMORIAL PARK AND FLIGHT PROGRAM. THIS BUILDING AND PROGRAM CONTINUES TO HONOR HIS LEGACY.

A NEW 1,835 SF ADDITION WILL BE CONSTRUCTED TO HOUSE AND EXPAND THE EXISTING CHAPPIE JAMES FLIGHT ACADEMY. THIS WILL ALSO CREATE A MUCH NEEDED EXPANSION FOR THE EXISTING MUSEUM AND SUPPORT SERVICES.

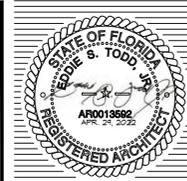
PARKING AREA IS EXISTING AND AVAILABLE ON SITE, ADJACENT ON STREET AND SHARED EXISTING PARKING WITH THE MT. CANNAN BAPTIST CHURCH. THE FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION.



VIEW AT SOUTHERN ENTRANCE INTO THE NEW "FLIGHT ACADEMY".

PROJECT TEAM:

OWNER CONTACTS:	CIVIL: (PROJECT LEADER)	ARCHITECT:	STRUCTURAL:	PLUMBING/MECHANICAL:	ELECTRICAL:	SURVEYING:
CITY OF PENSACOLA COMMUNITY REDEVELOPMENT AGENCY 222 WEST MAIN STREET PENSACOLA FL. 32521 PHONE: (850) 436-5650 FAX: (850) 436-5104 POC: M. HELEN GIBSON MRP, AICP EMAIL: hgibson@cityofpensacola.com	ATKINS ATKINS NORTH AMERICA, INC 2065 AIRPORT BOULEVARD, STE 400 PENSACOLA FL. 32504 PHONE: (850) 478-9844 FAX: (850) 478-0620 PIC: MICHAEL E. REID, MSCE, PE PM: JOHN MACDONALD, PE EMAIL: mike.reid@atkingloba.com EMAIL: john.macdonald3@atkingloba.com	EDDIE S. TODD, JR. ARCHITECT. ARCHITECT 321 NORTH DEVILLIERS ST. STE 108 PENSACOLA FL. 32501 PHONE: (850) 434-0325 PIC: EDDIE S. TODD, JR., R.A., N.O.M.A. PM: MYLES SAMPSON, JR. EMAIL: toddeta@bellsouth.net EMAIL: myles_eta@att.net	JOE DeREUIL ASSOCIATES STRUCTURAL ENGINEERS 301 W. CERVANTES ST. PENSACOLA, FLORIDA, 32501 PHONE: (850) 429-1951 PIC: JOE DeREUIL, P.E. EMAIL: jdejdstructures.com	PETERSON ENGINEERING CONSULTING ENGINEERS 75 SOUTH "F" STREET PENSACOLA, FL., 32502 PHONE: (850) 434-0513 PIC: GREG PETERSON, P.E. EMAIL: peterson@petersoneng.com	YATES ENGINEERING SOLUTIONS CONSULTING ENGINEER 7159 BLUE JACK DRIVE NAVARRE, FL. 32566 PHONE: (850) 512-9579 PIC: QUINN YATES, P.E. EMAIL: quinn@yateseng.com	REBOL-BATTLE & ASSOCIATES SURVEYORS 2301 N. 9TH AVE., STE 300 PENSACOLA, FL, 32503 PHONE: (850) 438-0400 FAX: (850) 438-0448 PIC: MARK A. NORRIS, PSM EMAIL: mark@rebol-battle.com



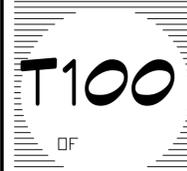
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PHASE II
 NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 1608 DR. MLK, JR. DRIVE
 PENSACOLA, FLORIDA 32501

- LOCATION MAP
 - SITE/BLDG DATA
 - PROJ. DATA
 - RENDERING

DATE: APR 29 2022
 JOB NO.: 21-01
 REVISIONS:

DRAWN BY: SYDNEE
 CHECK BY: TODD



NEW BUILDING FOR THE :

"CHAPPIE JAMES FLIGHT ACADEMY"

1608 DR. MARTIN LUTHER KING, JR. DRIVE.

PENSACOLA, FLORIDA 32501



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E-102	LIGHTING PLAN, ELECTRICAL RISERS AND DETAILS

GENERAL NOTES

- A. GENERAL**
- CONFORM TO ALL GENERAL AND SPECIAL CONDITIONS OF CONTRACT AS SPECIFIED BY OWNER. SPECIFICATIONS ARE APPLICABLE TO ALL CONTRACTORS AND/OR SUBCONTRACTORS FOR MECHANICAL AND ELECTRICAL SYSTEMS.
 - CHECK OTHER PLANS AND SPECIFICATIONS AND FULLY COORDINATE WITH OTHER SYSTEMS, TRADES AND OWNER REQUIREMENTS.
 - VISIT SITE, CHECK EXISTING FACILITIES AND CONDITIONS, AND TAKE ALL ITEMS INTO CONSIDERATION IN BID. SYSTEMS ARE TO BE COMPLETE AND WORKABLE IN ALL RESPECTS, PLACED IN OPERATION AND PROPERLY ADJUSTED. EACH CONTRACTOR SHALL PROVIDE FOR HIS OWN CLEAN-UP, REMOVAL AND LEGAL DISPOSAL OF ALL RUBBISH ON A DAILY BASIS.
 - CONTRACTORS MUST CONFIRM ALL UTILITY CONNECTION POINTS IN FIELD, PRIOR TO STARTING WORK.
 - ARRANGE FOR AND OBTAIN OWNER'S AND INSURANCE REPRESENTATIVE'S PERMISSION FOR ANY SERVICE SHUTDOWNS.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHOD, SEQUENCE OF CONSTRUCTION AND SAFETY OF WORKMEN.
- B. CODES, STANDARDS, AND REGULATIONS**
- CONFORM TO ALL APPLICABLE CODES AND GOVERNMENT REGULATIONS.
 - OBTAIN PERMITS AND PAY ALL FEES. ARRANGE FOR ALL REQUIRED INSPECTIONS AND APPROVALS.
- C. RELATED WORK SPECIFIED ELSEWHERE**
- OPENINGS AND CHASES, WHEN SHOWN ON ARCHITECTURAL DRAWINGS.
- D. DRAWINGS**
- THE SYSTEMS AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL DIMENSIONS BY FIELD MEASUREMENT. COMPLY WITH CODE REQUIREMENTS EXCEEDING SPECIFICATION MINIMUM REQUIREMENTS.
- E. BASE EQUIPMENT AND MATERIALS SUBSTITUTIONS**
- ALL EQUIPMENT AND MATERIALS SHALL BE NEW, FREE OF DEFECTS AND U.L. LABELED.
 - BASE BID MANUFACTURERS ARE INCLUDED IN SPECIFICATIONS OR LISTED IN SCHEDULE ON DRAWING. ANY OTHER MANUFACTURER IS CONSIDERED A SUBSTITUTION.
 - SUBSTITUTIONS ARE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND OWNER.
 - ALL EQUIPMENT SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE MANUFACTURER'S DATA INSTALLATION INSTRUCTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND CONFORM TO THESE REQUIREMENTS PRIOR TO STARTING WORK.
- F. CHECK, TEST, START, ADJUST, BALANCE, AND INSTRUCTIONS**
- AFTER INSTALLATION, CHECK ALL EQUIPMENT, AND PERFORM START UP IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - ALL PIPING SHALL BE TESTED AND FREE OF LEAKS.
 - FULLY BALANCE ALL SYSTEMS, CALIBRATE CONTROLS, CHECK FOR PROPER OPERATION AND SEQUENCE UNDER ALL CONDITIONS AND MAKE ALL NECESSARY ADJUSTMENTS. INSTRUCT OWNER IN OPERATION OF SYSTEMS AND SUBMIT OPERATING AND MAINTENANCE MANUAL ON ALL EQUIPMENT AND SYSTEMS.
- G. CUTTING, PATCHING AND DRILLING**
- ALL CUTTING AND CHASING OF THE BUILDING CONSTRUCTION REQUIRED FOR THIS WORK SHALL BE BY THE CONTRACTOR UNLESS SHOWN ON ARCHITECTURAL DRAWINGS AND CONFIRMED AS TO SIZE AND LOCATION PRIOR TO NEW CONSTRUCTION. CUTTING SHALL BE IN A NEAT AND WORKMAN LIKE MANNER.
 - NEATLY SAW CUT ALL RECTANGULAR OPENINGS. SET SLEEVE THROUGH OPENINGS AND FINISH PATCH OR PROVIDE TRIM FLANGE AROUND OPENING.
 - NEATLY SAW CUT FLOORS FOR SENER INSTALLATION. GENERAL CONTRACTOR WILL PATCH FLOOR TO MATCH EXISTING, INCLUDING FLOOR COVERING.
 - CORE DRILL AND SLEEVE ALL ROUND OPENINGS. DO NOT CUT ANY STRUCTURAL COMPONENTS WITHOUT ARCHITECT'S APPROVAL.
 - PATCH AND FINISH TO MATCH ADJACENT AREAS THAT HAVE BEEN CUT, DAMAGED OR MODIFIED AS A RESULT OF THE INSTALLATION OF THE MECHANICAL OR ELECTRICAL EQUIPMENT. FIRE STOP ALL PENETRATIONS OF FIRE RATED CONSTRUCTION IN A CODE APPROVED MANNER.
- H. WARRANTY**
- FULLY WARRANT ALL MATERIALS, EQUIPMENT AND WORKMANSHIP FOR (1) YEAR FROM DATE OF ACCEPTANCE.
 - REPAIR OR REPLACE WITHOUT CHARGE TO THE OWNER ALL ITEMS FOUND DEFECTIVE DURING THE WARRANTY PERIOD.
- I.** THE GENERAL CONTRACTOR IN ENTERING INTO THIS CONTRACT WITH THE OWNER FOR CONSTRUCTION OF THIS PROJECT ACKNOWLEDGES THAT HE IS A LICENSED PROFESSIONAL CONTACTOR FULLY ACQUAINTED WITH THE "STANDARD BUILDING CODE" AND UNDERSTANDS THAT ALL WORK EXECUTED BY HIM AND HIS SUBCONTRACTOR SHALL BE IN COMPLIANCE WITH LOCAL CODES AND ORDINANCES.
- J.** ALL WORK SHALL CONSIST OF NEW CLASS "A" FIRE RATED MATERIALS AND BE COMPLETED IN A FIRST CLASS MANNER.
- K.** ALL CONTRACTORS SHALL SUBMIT REQUIRED SHOP DRAWINGS TO THE PROJECT ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH WORK.
- L.** DO NOT SCALE DRAWINGS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. IF DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
- M.** THE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. SHOULD THERE BE ANY DISCREPANCY BETWEEN THE VARIOUS DRAWINGS, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION.
- N.** THE CONTRACTOR SHALL CONSULT THE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR LOCATION OF ALL SLEEVE THROUGH WALLS AND FLOOR STRUCTURE.
- O.** THE CONTRACTOR SHALL PROTECT AND REPAIR ANY EXISTING CONDITIONS DAMAGED DURING CONSTRUCTION.
- P.** IN THE EVENT THAT UNKNOWN UTILITIES OR STRUCTURES ARE FOUND DURING CONSTRUCTION AT UNEXPOSED, OR UNEXPECTED LOCATION(S), THE ARCHITECT IS TO BE NOTIFIED OF SUCH CONDITIONS.
- Q.** ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS WHICH ARE NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ARCHITECT.
- R.** DUST CONTROL: THE CONTRACTOR IS TO UTILIZE EXTREME CAUTION AT ALL TIMES TO INSURE ADEQUATE PROTECTION TO EXISTING ADJACENT UNIT(S), BUILDING, AND EQUIPMENT FROM DUST, DEBRIS, MOISTURE, VIBRATION AND ETC.
- S.** REMOVE OR CONTAIN ALL CONSTRUCTION/DEMOLITION DEBRIS FROM THE JOB SITE DAILY. MAKE JOB PREMISES CLEAN AT COMPLETION OF THE PROJECT.
- T.** ALL WOOD IN CONTACT WITH MASONRY OR FINISH GRADE SHALL BE PRESSURE TREATED.
- U.** CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO STARTING WORK.

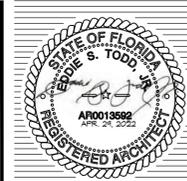
PHASE 2
 NEW BUILDING FOR THE
"CHAPPIE JAMES FLIGHT ACADEMY"
 1608 DR. MLK JR. DRIVE
 PENSACOLA, FLORIDA 32501

- FLR. PLAN
 - LEGEND
 - NOTES

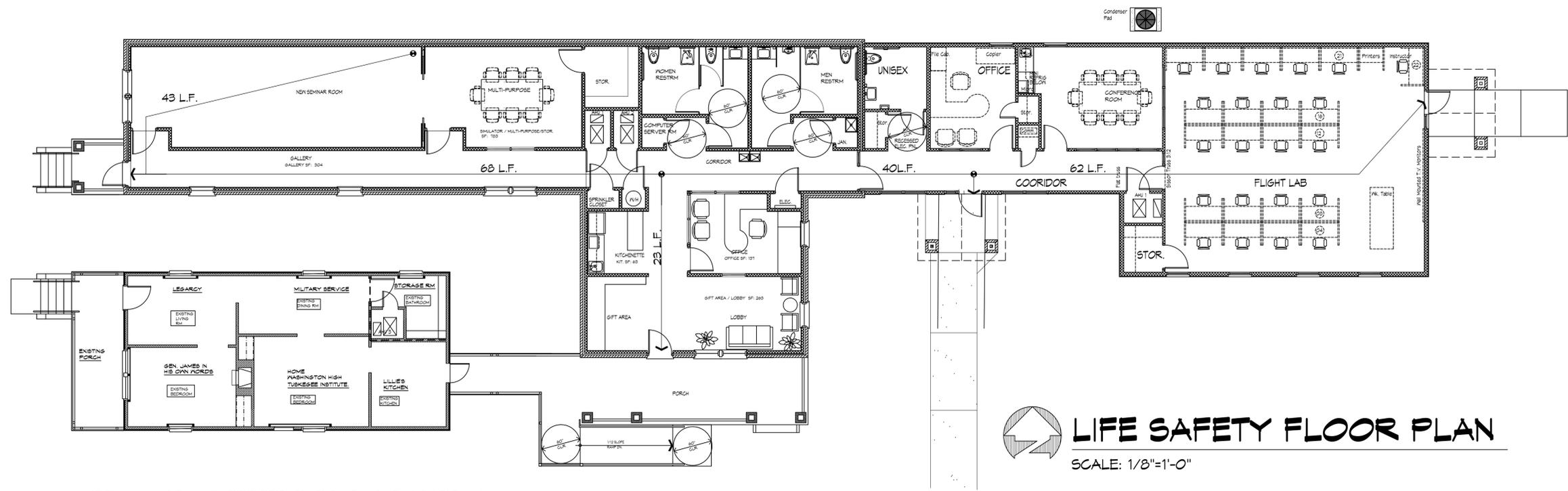
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LIFE SAFETY FLOOR PLAN
 SCALE: 1/8"=1'-0"

MUSEUM/ MUSEUM SUPPPORT BLDG./FLIGHT ACADEMY
 BUILDING SQUARE FOOTAGE:

	GROSS:	NET:
MUSEUM SQ. FT.	: 1,000	: 863
MUSEUM SUPPORT BLDG.	: 2,414	: 2,551
FLIGHT ACADEMY BLDG.	: 1,835	: 1,835
TOTAL	: 5,214	TOTAL : 5,235

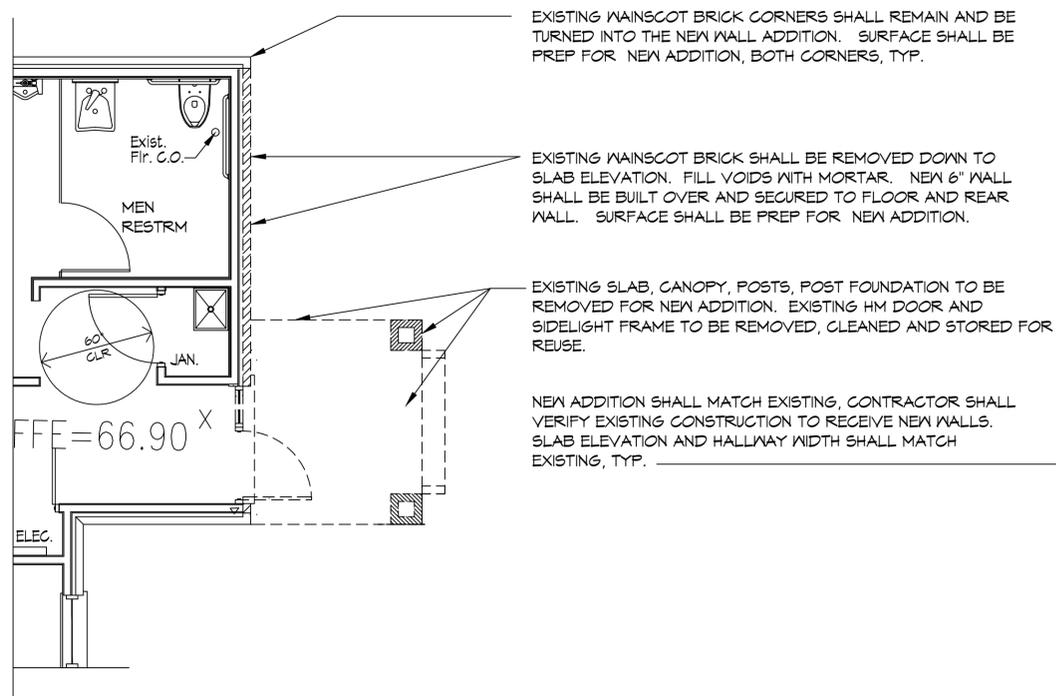
LIFE SAFETY REVIEW:

APPLICABLE CODES:	- 2020 FLORIDA BUILDING CODE (NEW) - 2020 FLORIDA BUILDING CODE (EXISTING) - 2020 FLORIDA ACCESSIBILITY CODE - 2018 NFPA, 101 LIFE SAFETY CODE - 2020 FLORIDA BUILDING CODE - PLUMBING - 2020 FLORIDA BUILDING CODE - MECHANICAL - 2020 FLORIDA BUILDING CODE - ELECTRICAL
CHAPTER 3. - USE AND OCCUPANCY:	- ASSEMBLY GROUP A-3 - INTENDED FOR MUSEUM.
CHAPTER 5. - GEN. BLDG. HEIGHTS AND AREAS:	HEIGHT: ALLOWABLE: 35' PROVIDED: 25' NO. OF STORIES: ALLOWABLE: 1 PROVIDED: 1
CHAPTER 6. - TYPES OF CONSTRUCTION:	- TYPE V-B FLIGHT ACADEMY / SUPPORT MUSEUM
CHAPTER 7. - FIRE RESISTANCE RATED CONST.:	- EXISTING FACILITY ALREADY SPRINKLERED, NEW ADDITION WILL BE SPRINKLERED. - 0-HR SEPERATION WILL BE AT CONNECTION OF OLD AND NEW. - ALL GYPSUM WALL BOARD SHALL BE TYPE "X" REGARDING OF LOCATION.
CHAPTER 8. - INTERIOR FINISHES:	- FLOORS - CLASS 1 - WALLS/CEILLINGS - CLASS A, CLASS B, CLASS C
CHAPTER 9. - FIRE PROTECTION SYSTEMS:	- NEW ADDITION WILL BE SPRINKLERED, DOCUMENTS TO BE SUBMITTED BY CONTR. - EXIST'G FIRE EXTING. - BAGGIER DRY CHEM, CLASIFICATION 2-A:30-B:C., ANS/VUL 711 & 299. - (2) FIRE EXTINGUISHERS ADDED IN NEW ADDITION. HALL AND REAR DRL OF FLIGHT LAB.
CHAPTER 10. - MEANS OF EGRESS:	- MINIMUM MEANS OF EGRESS WIDTH - REQ.: 44 INCHES PROVIDED: 60 INCHES - MAX. ALLOWABLE TRAVEL DISTANCE - REQ.: 300' PROVIDED: 100' - MINIMUM NO. EXITS - REQ.: 2 PROVIDED: 4

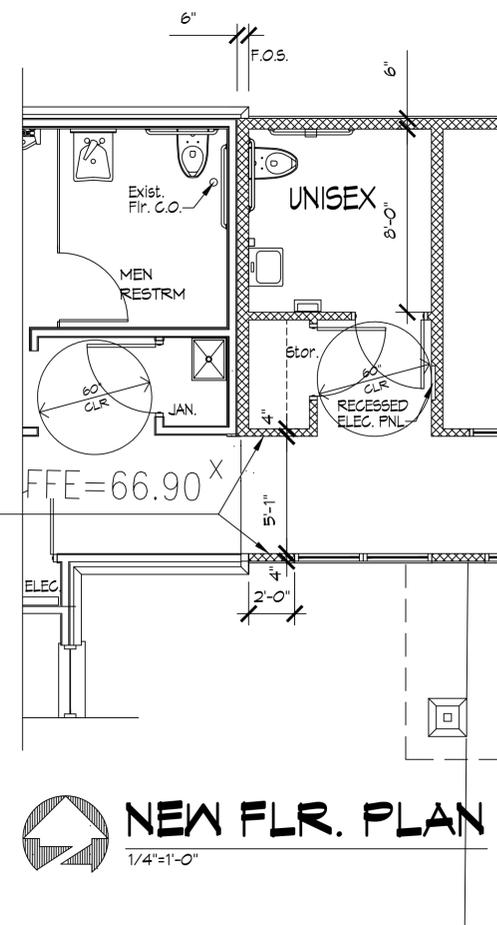
ACCESSIBILITY:	- REQUIRED FOR FACILITY, ADHERED AS PER CODE.					
FIRE ALARM EVAC/ MASS NOTIFICATION SYSTEM:	- NEW DEVICES WILL BE ADDED. - ALL LOCATED INSTALLED PER CODE.					
FIRE DEPARTMENT CONNECTION:	- LOCATION SHOWN WILL BE AT WEST END OF SITE.					
OCCUPANCY CAPACITY:	GROSS	NET				
MUSEUM SUPPORT BUILDING	2,538 sf / 15 sf per person = 169 people	2,050 sf / 15 sf per person = 137 people				
MUSEUM BUILDING	863 sf / 7 sf per person = 123 people	677 sf / 7 sf per person = 98 people				
FLIGHT ACADEMY	1,835 sf / 15 sf per person = 122 people	1,586 sf / 15 sf per person = 106 people				
TOTAL OCCUPANCY:	414 PEOPLE	341 PEOPLE				
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (Table 403.1) * FIXTURE COUNT BASED ON NET SQUARE FOOTAGE.						
Classification	Occupancy	Description	Water Closets/Urinal Male	Lavatories Female	Drinking Fountain	Other
Assembly	A-3	Auditoriums with permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums.	1 per 125	1 per 65	1 per 200	1 per 500
TOTAL OCCUPANCY: 235 PEOPLE / 2 = 117.5 PEOPLE.			Fixtures	Fixtures	Fixtures	Fixtures
			REQUIRED.	1.36	2.61	.85
			PROVIDED.	2.00	3.00	2.00

PHASE 2
 NEW BUILDING FOR THE:
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 PENSACOLA, FLORIDA 32501

- LIFE SAFETY PLAN
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 DATE: APR 29 2022
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 CHECK BY:



DEMOLITION @ EXIST'G FLR. PLAN
1/4"=1'-0"



NEW FLR. PLAN
1/4"=1'-0"

LEGEND:

- EXISTING PARTITION/ CONSTRUCTION: EXISTING PARTITION/CONSTRUCTION TO REMAIN, TYPICAL.
- DEMOLITION: EXISTING PARTITION/ CONSTRUCTION TO BE REMOVED. SURFACES AND FINISH SHALL BE PREP. FOR NEW WORK, TYP.
- NEW PARTITION: 5/8" GYPSUM BOARD EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 3-1/2" SOUND ATTENUATION BATTS. WALLS SHALL BE TO A MIN. 6" ABOVE FINISH CEILING.
- NEW 1 HOUR RATED PARTITION (DESIGN NO. U 305: 5/8" TYPE "X" GYPSUM BD. EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 3-1/2" SOUND ATTENUATION BATTS. PARTITION SHALL EXTEND FROM FLOOR TO UNDERSIDE OF STRUCTURAL DECK ABOVE. SEAL ALL WALL PENETRATIONS WITH FIRE PROOF CAULK.
- EXTERIOR WALL SYSTEM: EXTERIOR GRADE 1X6 WOOD SIDING (MATCH EXISTING) OVER SELF ADHERED SHEET MEMBRANE AIR VAPOR BARRIERS, OVER 5/8" EXTERIOR SHEATHING OVER 2X4 NEW & EXISTING WOOD STUDS @ 16" O.C. WITH SPRAY FOAM INSULATION OVER 5/8" TYPE "X" GYPSUM BD. PAINTED.
- BAGGIER DRY CHEMICAL FIRE EXTINGUISHER. CLASSIFICATION 2-A:30-B.C. ANSI/UL 700 & 299. TYPE "A" SIZE 11, TYPE B.C. SIZE "1" W/ SEMI-RECESS CABINET.

GENERAL NOTES

1. THE CONTRACTOR AND ARCHITECT SHALL REVIEW THE CONSTRUCTION DOCUMENTS TOGETHER 10 DAYS PRIOR TO THE START OF CONSTRUCTION AND PERIODICALLY DURING CONSTRUCTION. THIS IS TO INSURE A JOINT UNDERSTANDING OF THE DOCUMENTS AND SMOOTH TRANSITION IN THE EXECUTION OF WORK.
2. ALL DIMENSIONS ARE PLUS OR MINUS. THE SHALL FIELD VERIFY DIMENSIONS AND CONDITIONS PRIOR TO STARTING AND DURING THE PROJECT.
3. ALL INTERIOR DIMENSIONS AS SHOWN SHALL BE TO INSIDE CLEAR FINISH OF WALL SURFACES.
4. ALL MATERIALS SHALL HAVE A CLASS "A" FINISH.
5. THE CONTRACTOR SHALL PROTECT EXISTING WORK THAT IS TO REMAIN IN PLACE FOR REUSE OR THAT IS TO REMAIN PART OF THE PROJECT.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND ASSEMBLY PRIOR TO REMOVAL AND REINSTALLATION FOR EXISTING EQUIPMENT OR NEW LUMBER FOR REPAIRS.
7. CONTRACTOR SHALL REMOVE AND REPLACE ALL DETERIORATED WORK AND MATCH EXISTING IN REPLACEMENT .
8. THE CONTRACTOR SHALL VERIFY DURING DEMOLITION, OPENINGS FOR ALL NEW ASSEMBLIES AND EQUIPMENT (DOOR, WINDOW, ETC.)
9. WHERE EXISTING DUCTS, PIPE, CONDUIT, PANELS, ETC. ARE TO BE REMOVED FROM EXISTING AND PARTITIONS, ALL RESULTING OPENINGS SHALL BE CLOSET WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING.
10. THE CONTRACTOR SHALL CLEAN UP AND REMOVE RUBBISH/DEBRIS FROM THE SITE.
11. ALL PARTITIONS SHALL BE CENTERED ON COLUMNS UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL ATTACHMENTS TO WALL (I.E. RAILS, PAINTING, DISPLAY CASE, ACCESSORIES, TOILET ACCESSORIES, WALL MOUNTED ITEMS AND ETC.) VERIFY WITH OWNER/SHOP DRAWINGS HEIGHT OF TYPICAL ITEMS NOTED BY MANUFACTURE.

CONTRACTOR SITE NOTES:

1. THE CONTRACTOR PROPOSED LAY DOWN AREA SHALL BE A 60' X 125' LOT ADJACENT TO THE EAST SIDE OF THE SITE. THE SITE IS BETWEEN THE EAST BOUNDARY OF THE PROJECT SITE AND DAVIS ST.
2. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING TO SECURE THE SITE.
3. CONTRACTOR SHALL MAINTAIN CLEANLINESS OF THE SITE DAILY.
4. USE OF THE EXISTING "CHAPPIE JAMES" PARKING LOT AND USE OF THE ADJACENT "MOVEMENT FOR CHANGE" SITE ARE TOTALLY PROHIBITED.
5. ADDITIONAL WORKER PARKING IS PROVIDED AT THE SOUTHWEST CORNER OF 6TH AVE. AND MORENO ST. VIA THE MT. GANNAN CHURCH.
6. UNDER NO CIRCUMSTANCES SHALL THE "CHAPPIE JAMES" AND THE "MOVEMENT FOR CHANGE" PARKING LOTS BE USED BY THE CONTRACTOR, SUB-CONTRACTORS, SUPPLIERS, VENDORS, WORKERS, OR JOB SITE VISITORS. THESE SITES MUST STAY OPEN AND OPERATIONAL FOR THEIR RESPECTED ACTIVITIES.



EXISTING VENT TO BE RELOCATED, REROUTED TO SOFFIT. GUTTERS AND DOWNSPOUT SHALL BE REMOVED, CLEANED AND PREP FOR REUSE, TYP.

EXISTING SLAB, CANOPY, POSTS, POST FOUNDATION TO BE REMOVED FOR NEW ADDITION. EXISTING HM DOOR AND SIDELIGHT FRAME TO BE REMOVED, CLEANED AND STORED FOR REUSE.

EXISTING WAINSCOT BRICK SHALL BE REMOVED DOWN TO SLAB ELEVATION. FILL VOIDS WITH MORTAR. NEW 6" WALL SHALL BE BUILT OVER AND SECURED TO FLOOR AND REAR WALL. SURFACE SHALL BE PREP FOR NEW ADDITION.

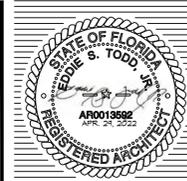
05 PHOTO @ REAR CANOPY
AD101 N.T.S.



EXISTING FLOOR DRAIN IS CONNECTION POINT FOR TIE IN TO EXISTING SANITARY LINE FROM NEW BUILDING ADDITION. SEE PLUMBING PLAN, TYP.

ALL EXISTING WALL/FLOOR FINISHES, FIXTURES, ACCESSORIES DISTURB AND DAMAGED BY TYING IN NEW SANITARY CONNECTION SHALL BE REPAIRED OR REPLACE WITH NEW, TO MATCH EXISTING FLOOR/WALL FINISH PRIOR TO WORK BEGINNING, TYP.

03 PHOTO @ EXIST'G TOILET
AD101 N.T.S.



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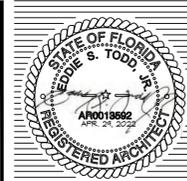
PHASE 2
NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
PENSACOLA, FLORIDA 32501
1606 DR. MLK JR. DRIVE

- DEMO FLR PLAN
- LEGEND
- NOTES

DATE: APR 29 2022
JOB NO.: 21-02
REVISIONS:

DRAWN BY: SAMPSON
CHECK BY: TODD

AD101
OF



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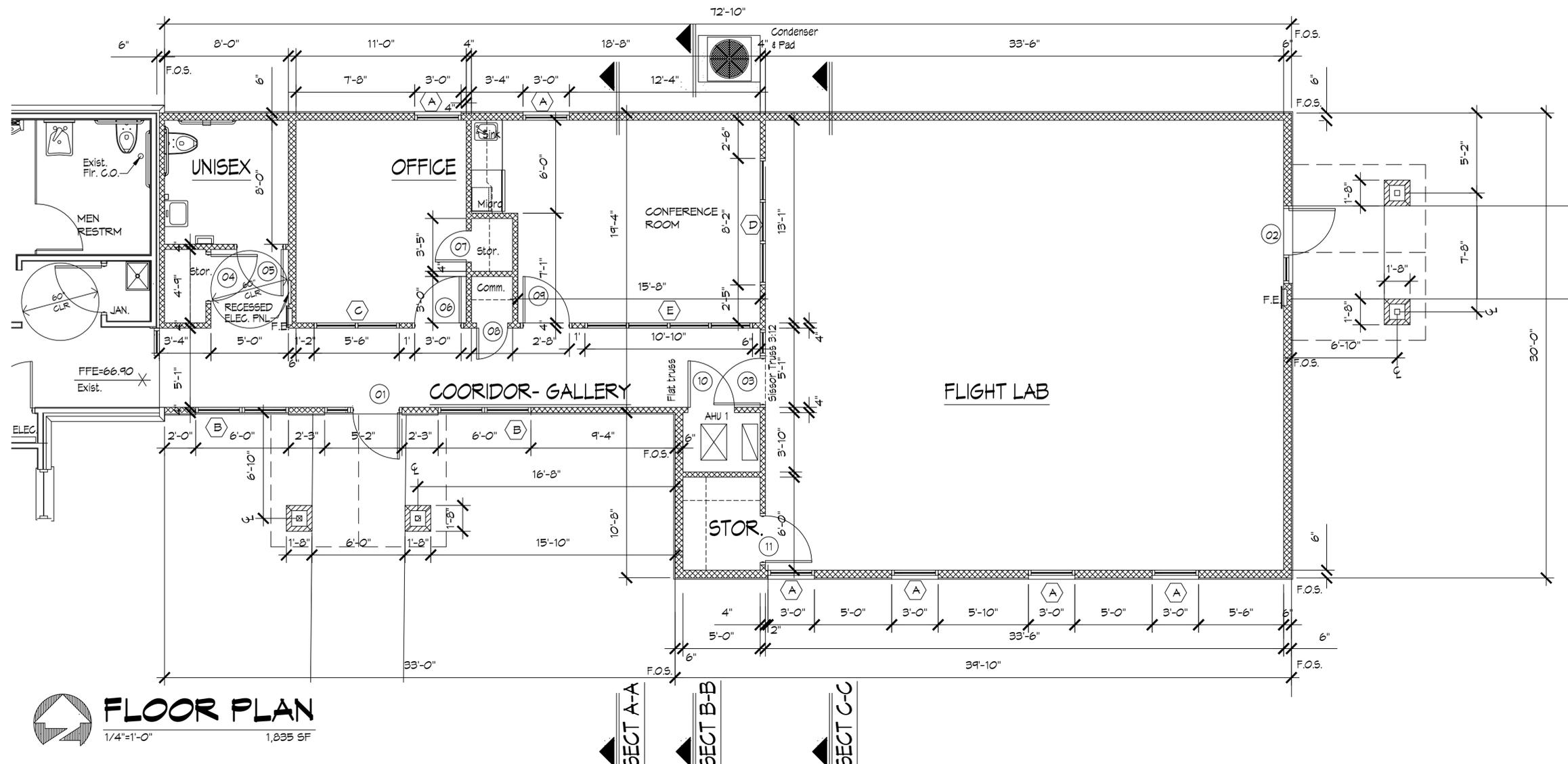
PHASE 2
 NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PENSACOLA, FLORIDA 32501
 1608 DR. MLK JR. DRIVE

- FLOOR PLAN
 - LEGEND
 - NOTES

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DRAWN BY: SAMPSON
 CHECK BY: TODD

A101
 OF



FLOOR PLAN
 1/4"=1'-0" 1,835 SF

ROOM FINISH SCHEDULE							
RM. NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING		REMARKS
		MAT./FIN.	MAT./FIN.	MAT./FIN.	MAT.	HEIGHT	
100	CORRIDOR-GALLERY	LVT.	WD.	GB.	PTD.	ACT.	9'-0"
101	UNISEX TOILET	C.T.	C.T.	CT/GB.	PTD.	ACT.	9'-0"
102	OFFICE	LVT.	WD.	GB.	PTD.	ACT.	9'-0"
103	CONFERENCE RM.	CPT.	WD.	GB.	PTD.	ACT.	9'-0"
104	AHU CLOSET	SEALED.	WD.	GB.	PTD.	ACT.	9'-0"
105	STORAGE RM.	LVT.	WD.	GB.	PTD.	ACT.	9'-0"
106	FLIGHT LAB	LVT./CPT.	WD.	GB.	PTD.	ACT.	SLOPED

FINISH NOTES:

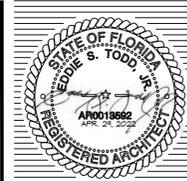
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- NO COMBUSTIBLE FINISHES ARE PLANNED. FINISHES SELECTED BY OWNER AND INSTALLED BY CONTRACTOR SHALL MEET REQUIREMENTS OF NFPA 101, NFPA 101 6-5.3 ED. 91 (INTERIOR WALL AND CEILING FINISH CLASSIFICATION) AND NFPA 101 6-5.4 ED. 91 (FLOOR FINISH).
- ALL FINISHES SHALL HAVE A CLASS "A" FIRE RATED FINISH.
- ALL WALLS SHALL BE PRIMED AND PAINTED (TWO COATS). COLOR TO BE SELECTED BY OWNER. (SEMI-GLOSS)
- ORANGE PEEL TEXTURE ON WALLS PRIOR TO PAINTING.
- CONTRACTOR SHALL SUBMIT SAMPLES TO THE ARCHITECT / OWNER FOR APPROVAL.
- ALL PLUMBING FIXTURES TO BE CAULKED WITH CLEAR SILICON SEALANT.
- ALL GYPSUM WALL BOARD IN TOILETS, KITCHEN AND/OR WET WALL AREAS SHALL BE WATER RESISTANT TYPE.
- CONTRACTOR SHALL PROVIDE CUT SHEET PRODUCT DATA, SHOP DRAWINGS, COLOR SAMPLE, FINISH SAMPLE, ETC. FOR ARCHITECT TO REVIEW PRIOR TO PURCHASE AND INSTALLATION.
- CEILING TILES SHALL BE FINE FIGURED W/ HUMIGUARD # 1353 OR EQUAL (SQUARE EDGE)

LEGEND:

- NEW PARTITION: 5/8" GYPSUM BOARD EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 3-1/2" SOUND ATTENUATION BATTS. WALLS SHALL TO A MIN. 6" ABOVE FINISH CEILING.
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- BAGGIER DRY CHEMICAL FIRE EXTINGUISHER. CLASSIFICATION 2-A:30- B.C. ANSI/UL 700 & 299. TYPE "A" SIZE 11, TYPE B.C. SIZE "1" W/ SEMI-RECESS CABINET.

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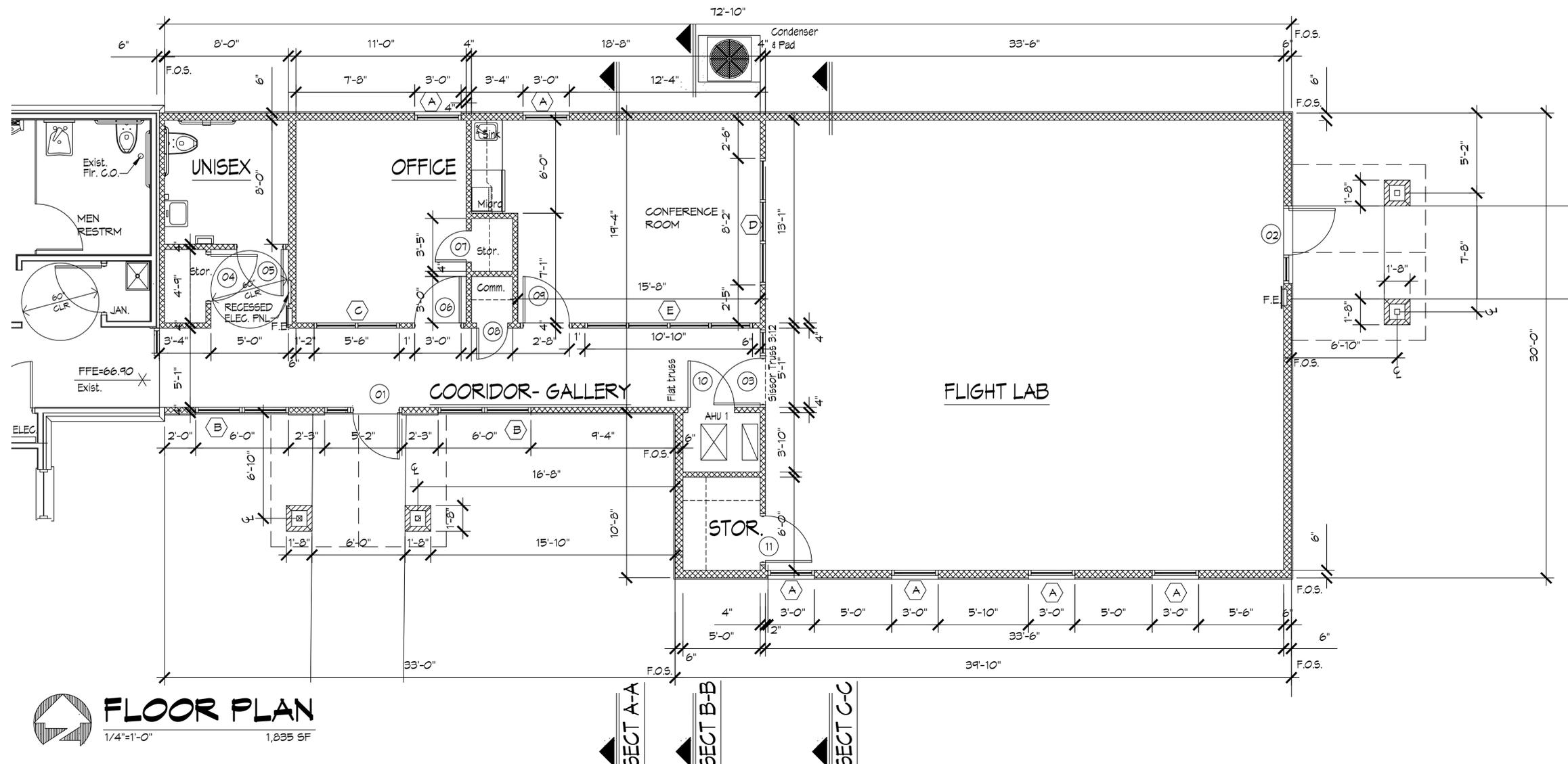
PHASE 2
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 PENSACOLA, FLORIDA 32501
 1608 DR. MLK JR. DRIVE

- FLOOR PLAN
 - LEGEND
 - NOTES

DATE: APR 29 2022
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A101
 OF



FLOOR PLAN
 1/4"=1'-0"
 1,835 SF

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104	AHU CLOSET	SEALED.	WD.	GB.	PTD.	ACT.	9'-0"	
105	STORAGE RM.	LVT.	WD.	GB.	PTD.	ACT.	9'-0"	
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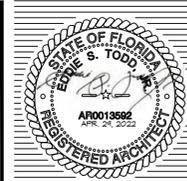
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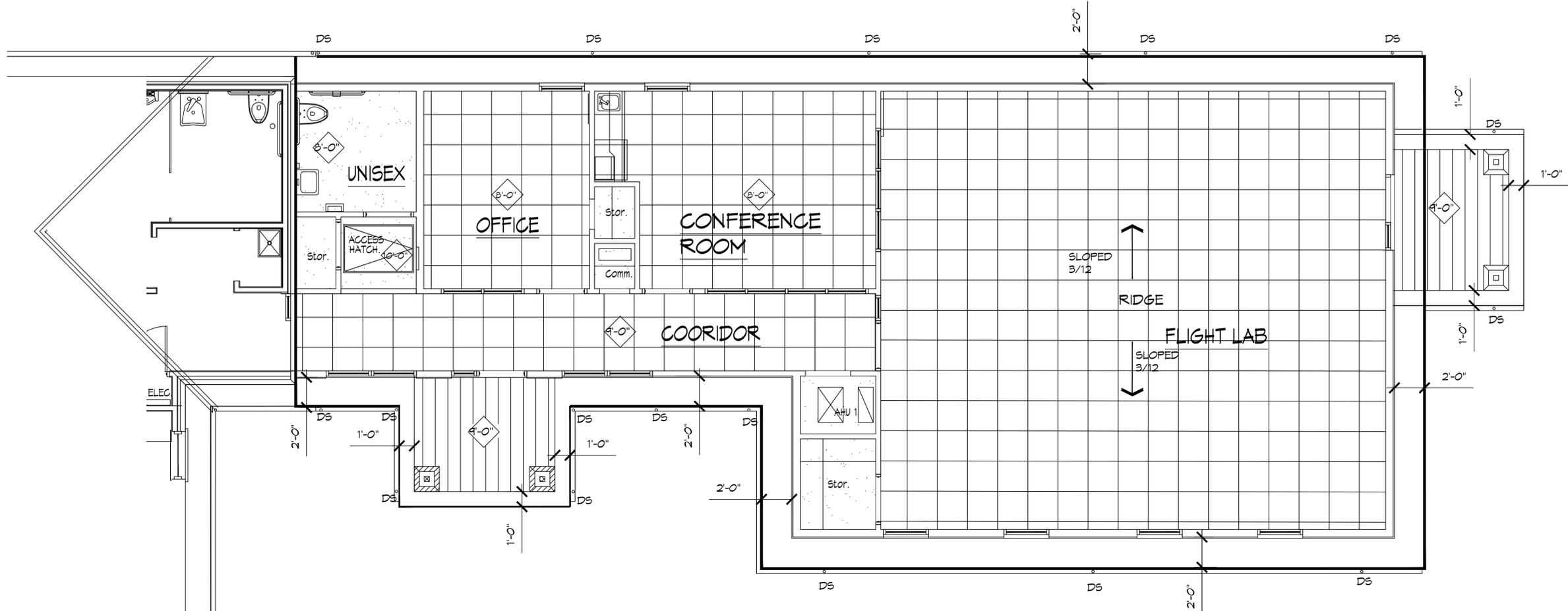


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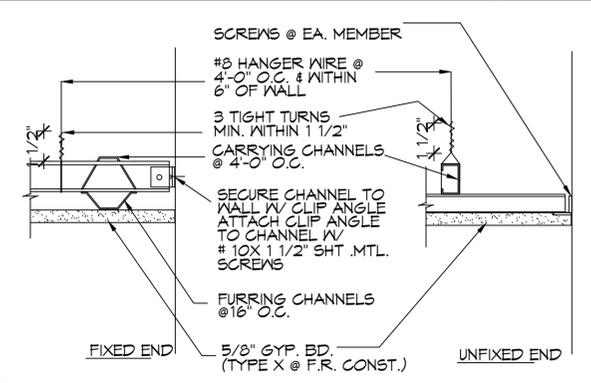
NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PHASE 2
 1608 DR. MLK JR. DRIVE
 PENSACOLA, FLORIDA 32501

- REFLECTED CLG
 - NOTES
 DATE: APR 29 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SYDNEE
 CHECK BY: TODD

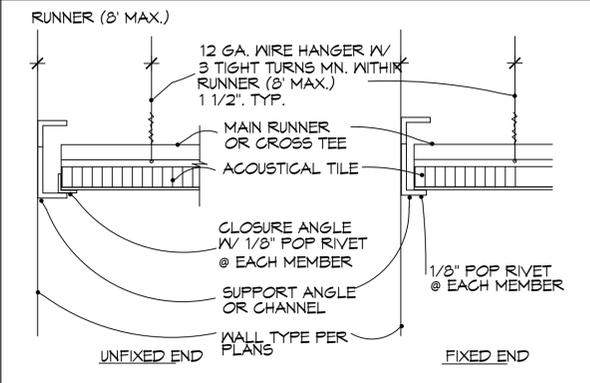
A102
 OF



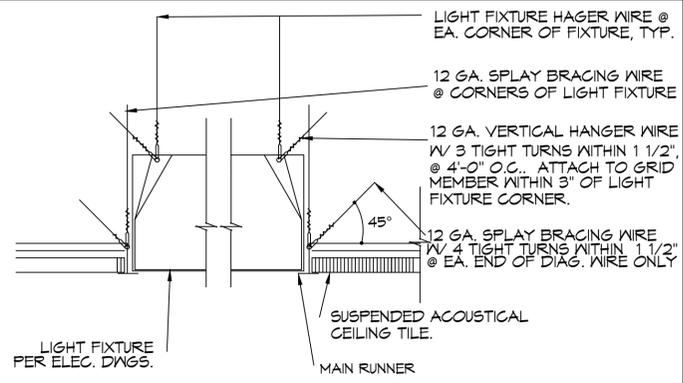
REFLECTED CEILING PLAN
 1/4"=1'-0"



07 GYP. BD. CLG. TYP.
A102 SCALE: NTS



05 ACOUST. CLG TILE TYP.
A102 SCALE: NTS

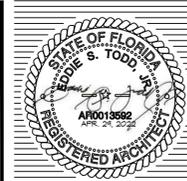


04 LIGHT FIXTURE SUPPORT.
A102 SCALE: NTS

LEGEND

- SLOPED 3/12
- [Hatched Box] EXTERIOR SOFFIT PANELS SEE ROOM FINISH SCHEDULE
- [Grid Box] SUSPENDED ACOUSTICAL TILE 2X2 SEE ROOM FINISH SCHEDULE
- [Dotted Box] GYPSUM BOARD SEE FINISH SCHEDULE
- [Empty Box] EXPOSED STRUCTURE/INSULATION UNLESS OTHERWISE NOTED
- [Diamond] CEILING HEIGHT ELEVATION
- [Triangle] CEILING ACCESS HATCH

NOTE: CONTRACTOR SHALL COORDINATE ALL PLUMBING, FIRE PROTECTION AND ELECTRICAL SYSTEMS PRIOR TO START OF CONSTRUCTION.

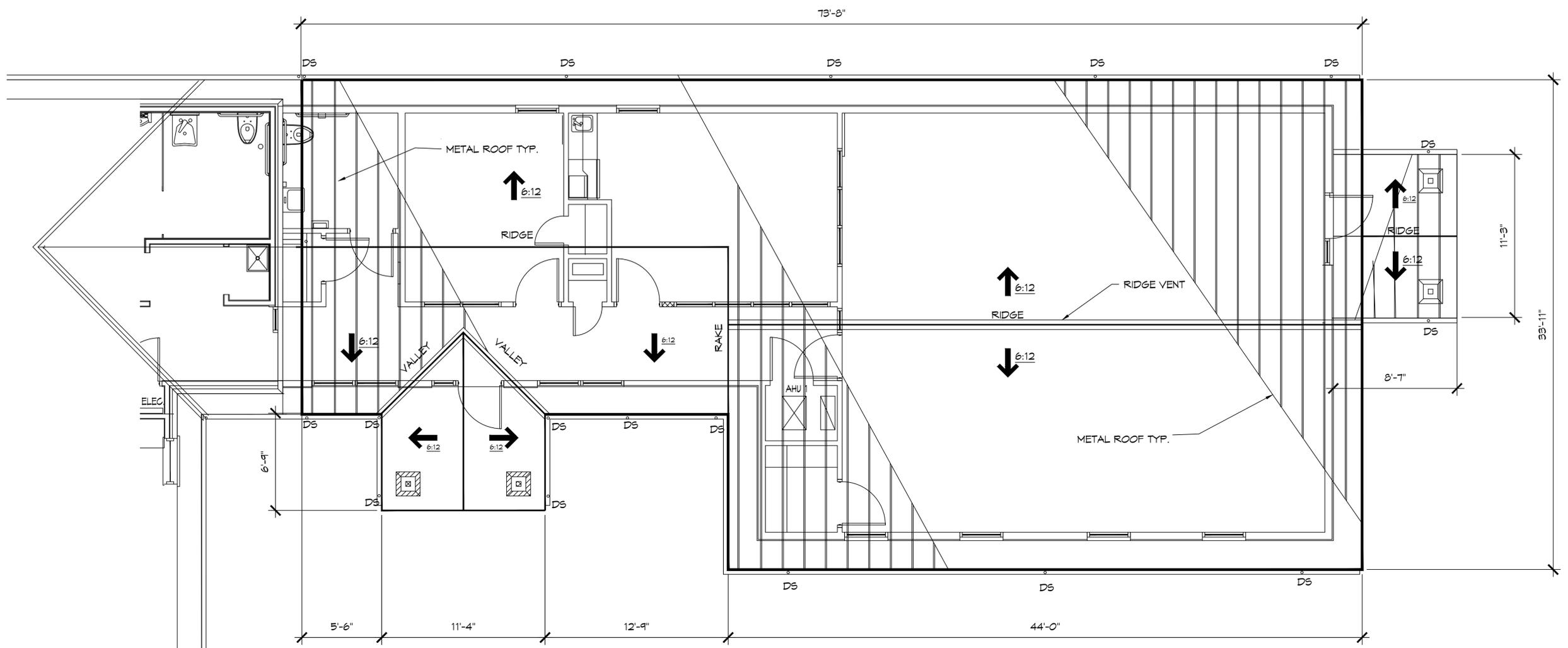


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NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PHASE 2
 1608 DR. MLK JR. DRIVE PENSACOLA, FLORIDA 32501

- ROOF PLAN
 - NOTES
 DATE: APR 29 2022
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 CHECK BY: TODD

A103
 OF



 **ROOF PLAN**
 1/4"=1'-0"

GENERAL NOTES:

1. PROVIDE EXPANSION CONTROL
2. ALL ROOF MOUNTED COMPONENTS SHALL BE PAINED OR PRE FINISHED TO MATCH ROOFING MATERIAL.
3. ALL EXTERIOR WOOD AND METAL FINISHES EXPOSED TO THE WEATHER SHALL BE PRIME PAINT ON ALL .
4. CONTRACTOR SHALL PROVIDE TRUSS SHOP DRAWING DESIGN AND SEALED BY A LICENSED FLORIDA ENGINEER.
5. ALL SOFFITS SHALL BE VINYL PERFORATED
6. SEE STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL DOCUMENTS FOR ADDITIONAL INFORMATION.

LEGEND

-  DS DOWNSPOUT
-  METAL ROOF
-  6:12 ROOF PITCH & DIRECTION
-  RIDGE VENT



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PHASE 2
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 PENSACOLA, FLORIDA 32501
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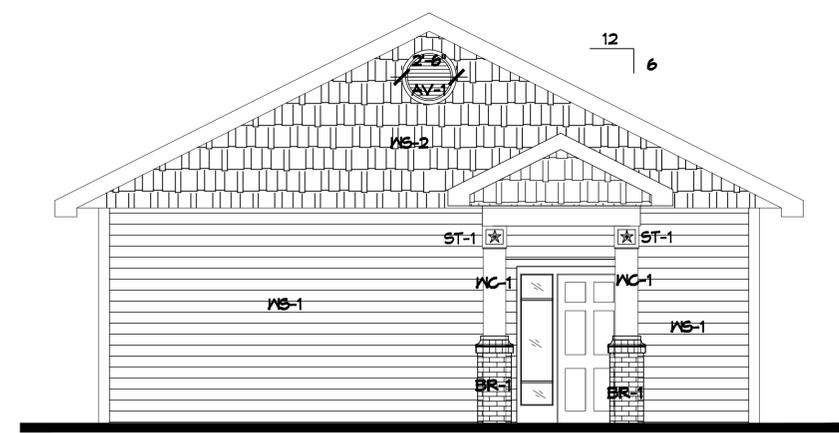
- ELEVATIONS
 - NOTES
 DATE: APR 24 2022
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 DRAWN BY: SYDNEE
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SOUTH ELEVATION
 1/4"=1'-0"



EAST ELEVATION
 1/4"=1'-0"

EXTERIOR FINISH SCHEDULE.

MATERIAL.	KEYNOTE	MANUF./DESCRIP.	NOTES:
WOOD SIDING	WS-1	HARDIE PLANK LAP SIDING	CEDARMILL-6.25"
WOOD SIDING	WS-2	HARDIE SHINGLE STAGGERED EDGE PANEL	
BRICK	BR-1	ACME	STANDARD
WOOD COLUMN	WC-1	4X4 TREATED.	
STAR TRIM	ST-1	TBD	
METAL ROOF	RF-2	STANDING SEAM- Lokseam	
ALUMUM RAIL	AR-1	TBD	
WOOD SHUTTER	SH-1	TBD	
ARCH. VENT	AV-1	TBD	

NOTE:
 BASIS OF DESIGN. SHOP DRAWING AND SAMPLES
 REQUIRED FOR APPROVAL PRIOR TO ANY CONSTRUCTION.

PAINT COLOR SCHEDULE.

COLOR	KEYNOTE.	REMARKS.
TBD	P-1	TBD
TBD	P-2	ACME
TBD	P-3	TBD
TBD	P-4	TBD
TBD	P-5	TBD

NOTE:
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MATCH EXISTING BUILDING COLOR(S).

BID ALTERNATE #1 :

1. PRESSURE WASH BOTH OF THE EXISTING BUILDINGS, PRIOR TO REPAINTING BOTH STRUCTURES. MATCH THE EXISTING PAINT COLOR(S).



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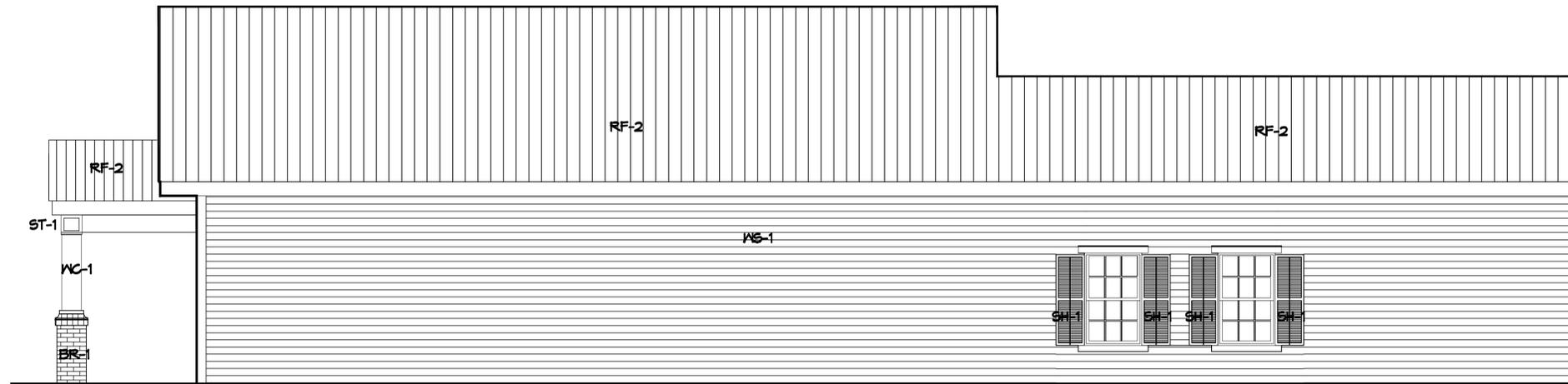
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A201

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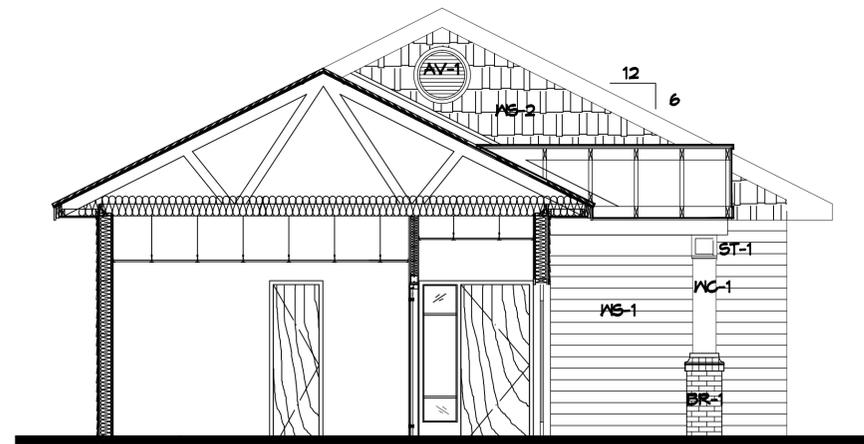
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4. ALL MATERIALS SHALL HAVE A CLASS "A" FINISH.
5. THE CONTRACTOR SHALL PROTECT EXISTING WORK THAT IS TO REMAIN IN PLACE FOR REUSE OR THAT IS TO REMAIN PART OF THE PROJECT.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND ASSEMBLY PRIOR TO REMOVAL AND REINSTALLATION FOR EXISTING EQUIPMENT OR NEW LUMBER FOR REPAIRS.
7. CONTRACTOR SHALL REMOVE AND REPLACE ALL DETERIORATED WORK AND MATCH EXISTING IN REPLACEMENT .
8. THE CONTRACTOR SHALL VERIFY DURING DEMOLITION, OPENINGS FOR ALL NEW ASSEMBLIES AND EQUIPMENT (DOOR, WINDOW, ETC.)
9. WHERE EXISTING DUCTS, PIPE, CONDUIT, PANELS, ETC. ARE TO BE REMOVED FROM EXISTING AND PARTITIONS, ALL RESULTING OPENINGS SHALL BE CLOSET WITH MATERIALS AND CONSTRUCTION TO MATCH EXISTING.
10. THE CONTRACTOR SHALL CLEAN UP AND REMOVE RUBBISH/DEBRIS FROM THE SITE.
11. ALL PARTITIONS SHALL BE CENTERED ON COLUMNS UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL ATTACHMENTS TO WALL (I.E. RAILS, PAINTING, DISPLAY CASE, ACCESSORIES, TOILET ACCESSORIES, WALL MOUNTED ITEMS AND ETC.) VERIFY WITH OWNER/SHOP DRAWINGS HEIGHT OF TYPICAL ITEMS NOTED BY MANUFACTURE.



NORTH ELEVATION

1/4"=1'-0"



WEST ELEVATION

1/4"=1'-0"

EXTERIOR FINISH SCHEDULE.

MATERIAL.	KEYNOTE.	MANUF./DESCRIP.	NOTES:
WOOD SIDING	WS-1	HARDIE PLANK LAP SIDING	CEDARMILL-6.25"
WOOD SIDING	WS-2	HARDIE SHINGLE STAGGERED EDGE PANEL	
BRICK.	BR-1	ACME	STANDARD
WOOD COLUMN	WC-1	4X4 TREATED.	
STAR TRIM	ST-1	TBD	
METAL ROOF	RF-2	STANDING SEAM- Lokseam	
ALUMINUM RAIL	AR-1	TBD	
WOOD SHUTTER	SH-1	TBD	
ARCH. VENT	AV-1	TBD	

NOTE:
 BASIC OF DESIGN. SHOP DRAWING AND SAMPLES
 REQUIRED FOR APPROVAL PRIOR TO ANY CONSTRUCTION.

PAINT COLOR SCHEDULE.

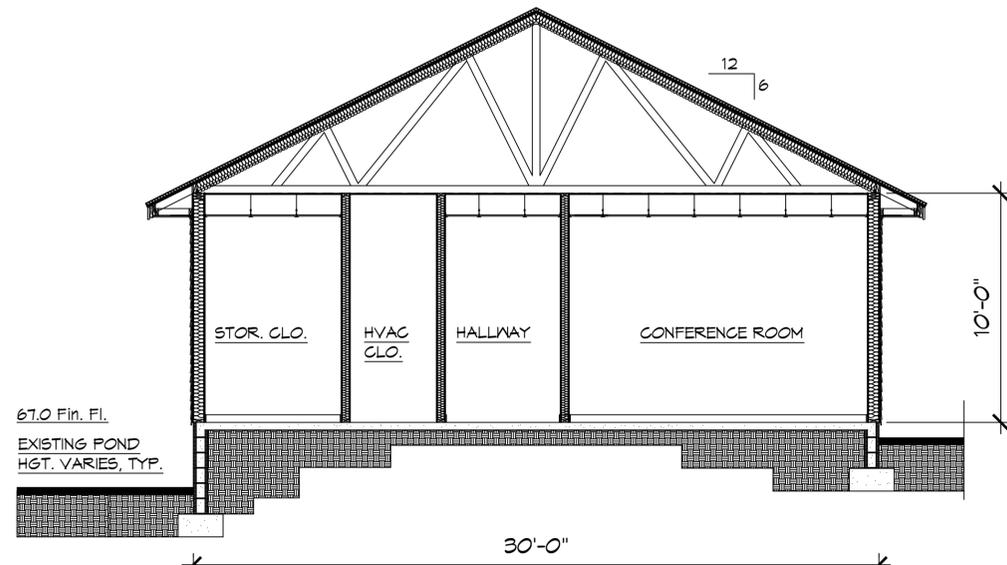
COLOR	KEYNOTE.	REMARKS.
TBD	P-1	TBD
TBD	P-2	ACME
TBD	P-3	TBD
TBD	P-4	TBD
TBD	P-5	TBD

NOTE:
 BASIC OF DESIGN. SHOP DRAWING AND SAMPLES
 REQUIRED FOR APPROVAL PRIOR TO ANY CONSTRUCTION.

MATCH EXISTING BUILDING COLOR(S).

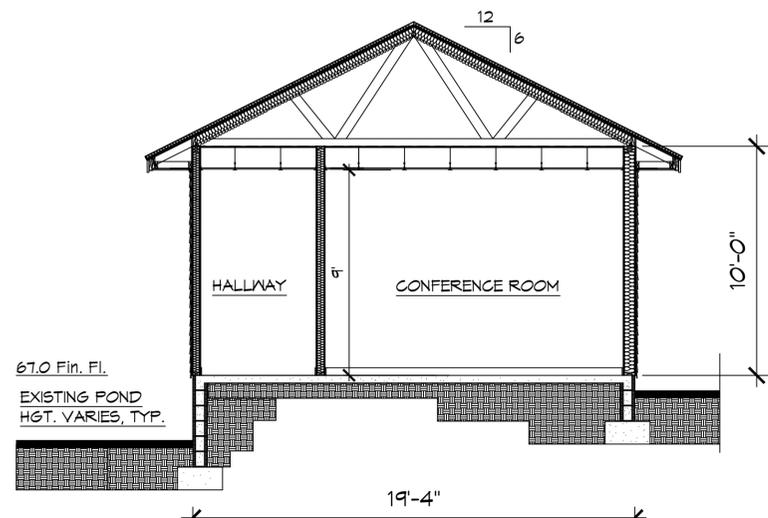
BID ALTERNATE #1 :

1. PRESSURE WASH THE EXISTING BUILDING PRIOR TO PAINTING. MATCH THE EXISTING COLOR(S).



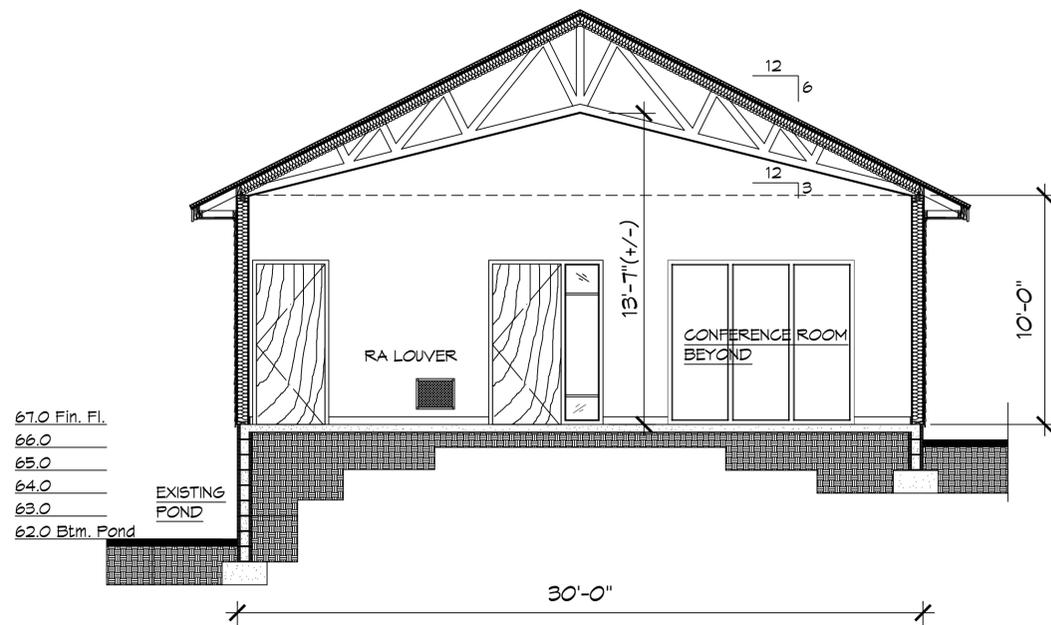
BUILDING SECTION B-B: STOR; CONF. RM.

1/4"=1'-0"



BLD'G SECT. A-A: HALLWAY; CONF. RM.

1/4"=1'-0"

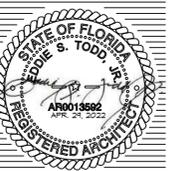


BUILDING SECTION C-C: FLIGHT LAB

1/4"=1'-0"

NOTES:

- 1.) CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, WALL THICKNESS, WALL HEIGHT, ROOF SLOPES, ETC. PRIOR TO CONSTRUCTING NEW WALL THICKNESS, WALL HEIGHTS AND ROOF SLOPES TO MATCH AND ABUT EXISTING CONSTRUCTION, TYP.
- 2.) SEE ENLARGED DETAILS FOR ARCHITECTURAL AND STRUCTURAL, TYP.



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PHASE 2
"CHAPPIE JAMES FLIGHT ACADEMY"
 PENSACOLA, FLORIDA 32501
 1608 DR. MLK JR. DRIVE

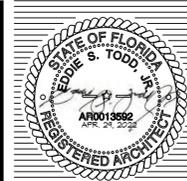
- BLD'G SECTIONS
 - NOTES

DATE: APR 29 2022
 JOB NO.: 21-02
 REVISIONS:

DRAWN BY: SYDNEE
 CHECK BY: TODD

A-300

OF

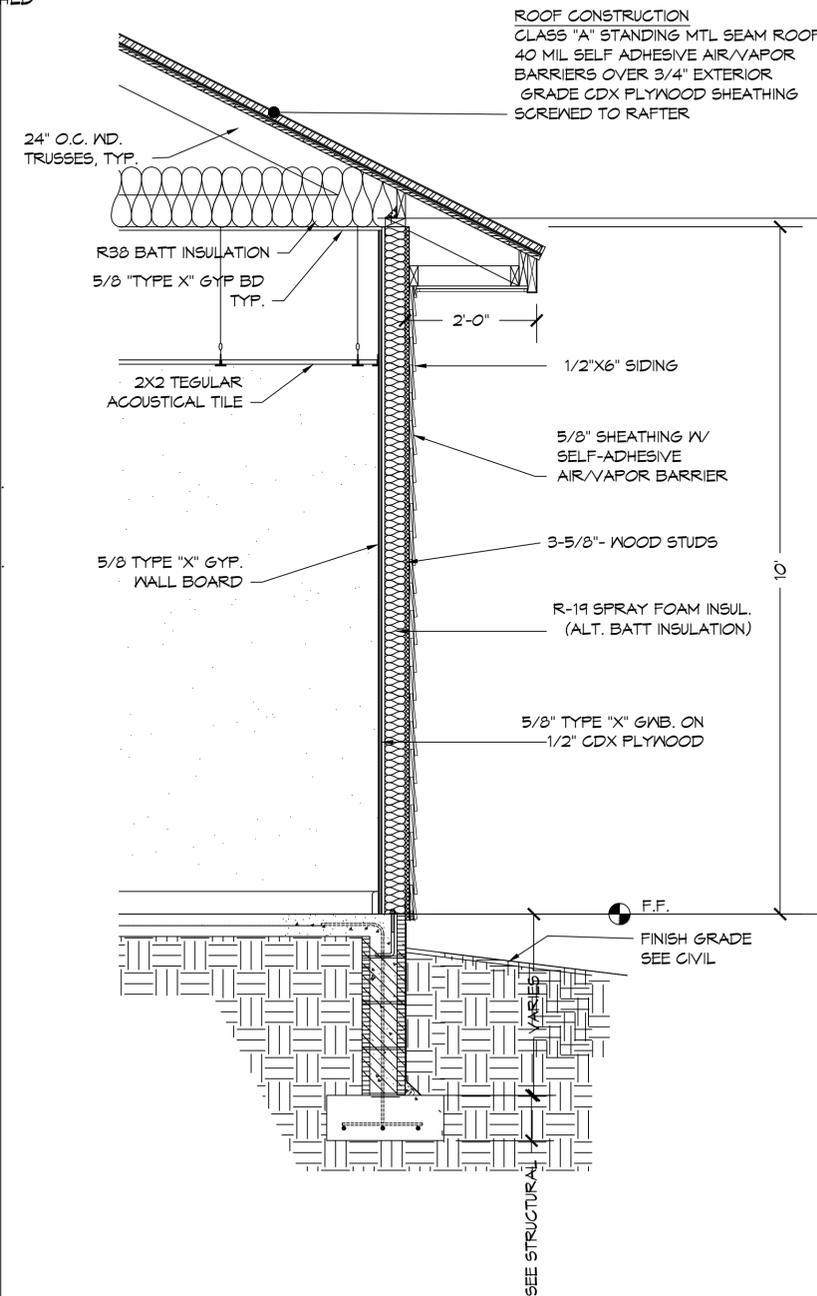
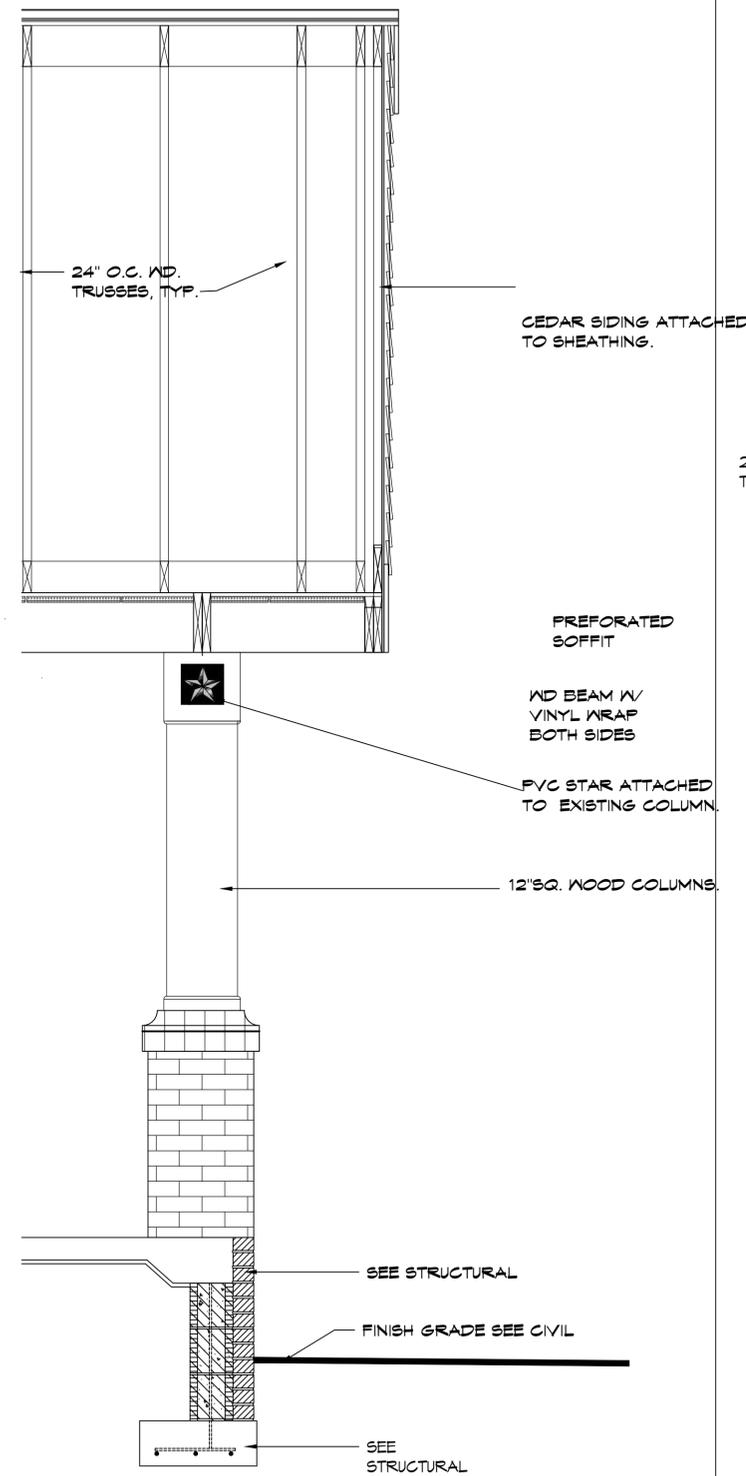
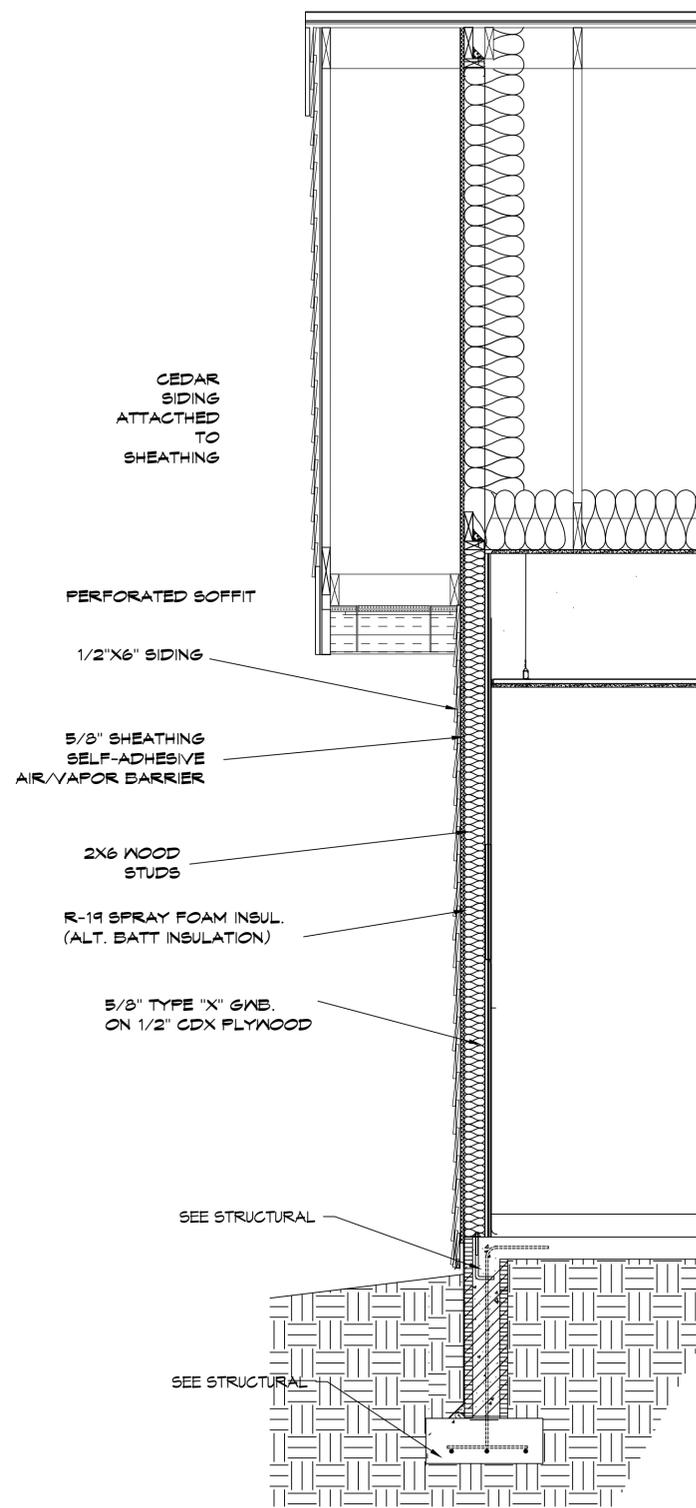


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NEW BUILDING FOR THE:
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 1606 DR. MLK JR. DRIVE
 PENSACOLA, FLORIDA 32501

- CROSS SECTION
 - RET. WALL SECT.
 - NOTES
 DATE: APR. 29 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SYDNEE
 CHECK BY: TODD

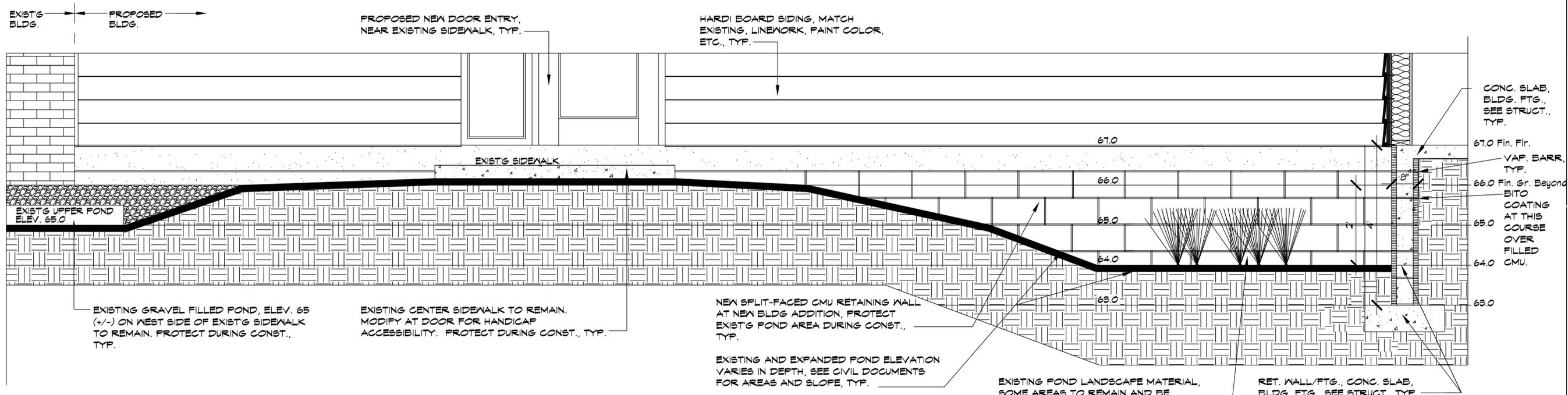
A310
 OF



06
A310 WALL SECTION- EAVE
 SCALE: 3/4" = 1'-0"

04
A310 WALL SECTION-PORCH
 SCALE: 3/4" = 1'-0"

02
A310 WALL SECTION
 SCALE: 3/4" = 1'-0"



A
A412 **CROSS SECTION - SITE/RET. WALL @ SOUTH ENTRY**
 SCALE: 3/4" = 1'-0"

CONSTRUCTION NOTES:

- 1.) CMU WALLS SHALL BE SPLIT-FACED CMU. CONTRACTOR SHALL SUBMIT COLOR SAMPLES AND DATA FOR APPROVAL BY ARCHITECT PRIOR TO ORDERING, TYP.
- 2.) AT TWO (2) COURSES BELOW THE FIN. FL. ELEVATION AND ON TOP OF CONC. FILLED CMU STEM WALL - CONTRACTOR SHALL PROVIDE AND APPLY A COATING OF MASTERSEAL HLM 5000. THIS APPLICATION SHALL TAKE PLACE PRIOR TO COMPLETING TOP TWO COURSES AND FILLING WITH CONC., TYP.



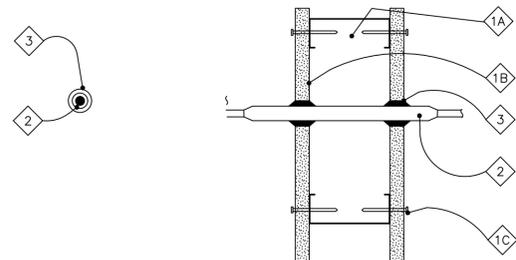
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NEW BUILDING FOR THE:
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- CROSS SECTION
 - RET. WALL SECT.
 - NOTES

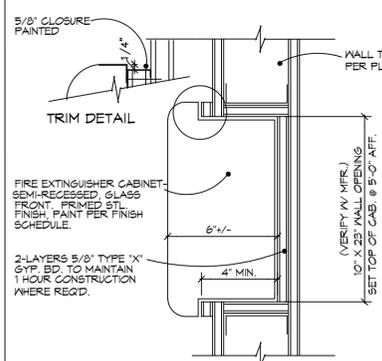
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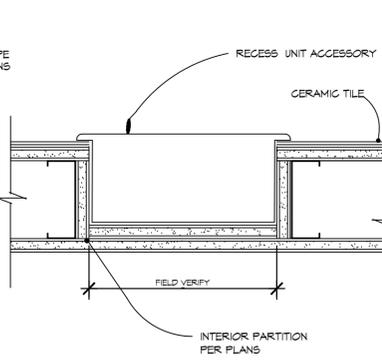


THROUGH PENETRATION FIRESTOP SYSTEM NO. WL3001 FOR TELECOM CABLES, ALARM & SECURITY CABLES AND OTHER MULTIPLE CABLES (SEE SPECIFICATIONS FOR PENETRATION CONDITIONS NOT LISTED HERE)

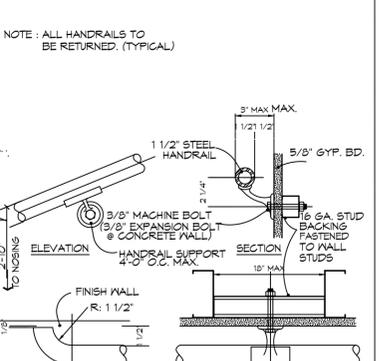
- WALL ASSEMBLY - THE 1 HR. FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL UB300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STUDS - WALL FRAMING MAY CONSIST OF STEEL CHANNEL STUDS TO BE MIN 3-5/8" WIDE BY 1-3/8" DEEP CHANNELS SPACED MAX 24" O.C.
 - WALLBOARD GYPSUM - 5/8" THICK TYPE "X" GYPSUM WALLBOARD
 - FASTENERS - TYPE S SELF-DRILLING SELF-TAPPING BUGLE-HEAD STEEL SCREWS AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN.
- CABLES - INDIVIDUAL CABLE INSTALLED IN THROUGH OPENING WITH AN ANNULAR SPACE OF MIN 0.1 IN. (POINT CONTACT) TO MAX 3/4 IN. CABLE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF CABLES MAY BE USED:
 - MAX 150 PAIR NO. 24 AWG COPPER CONDUCTOR TELEPHONE CABLE WITH POLYVINYL CHLORIDE (PVC) INSULATION AND JACKET MATERIALS. WHEN MAX 25 PAIR TELEPHONE CABLE IS USED, T RATING IS 2 HR. WHEN 50 TO 150 PAIR TELEPHONE CABLES IS USED IN 1 HR FIRE RATED WALL, T RATING IS 3/4 HR. WHEN 50 TO 150 PAIR TELEPHONE CABLE IS USED IN 2 HR FIRE RATED WALL, T RATING IS 1 HR.
 - MAX NO. 10 AWG MULTIPLE COPPER CONDUCTOR TYPE NM (ROMEX) NONMETALLIC SHEATHED CABLE WITH PVC INSULATION AND JACKET MATERIALS. WHEN TYPE NM CABLE IS USED, MAX T RATING IS 1-1/2 HR.
 - MULTIPLE FIBER OPTICAL COMMUNICATION CABLE JACKETED WITH PVC AND HAVING A MAX OUTSIDE DIAM OF 5/8". WHEN FIBER OPTIC CABLE IS USED, MAX T RATING IS 2 HR.
 - MAX 12 AWG MULTICONDUCTOR (MAX SEVEN CONDUCTORS) POWER/CONTROL CABLE WITH CROSS-LINKED POLYETHYLENE (XLPE) INSULATION AND XLPE OR PVC JACKET MATERIALS. WHEN MULTICONDUCTOR POWER/CONTROL CABLE IS USED, MAX T RATING IS 2 HR.
- FILL, VOID OR CAVITY MATERIALS - CAULK OR PUTTY - CAULK OR PUTTY FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN CABLE AND GYPSUM WALL BOARD ON BOTH SIDES OF WALL AND WITH A MIN 1/4" DIAM BEAD OF CAULK OR PUTTY APPLIED TO PERIMETER OF CABLE AT ITS EGRESS FROM EACH SIDE OF THE WALL. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATINGS OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. MINNESOTA MINING & MFG. CO. - TYPE MFS-2+ PUTTY, TYPE CP-25 S/L CP-25 N/S CP-25 MB OR CP-25 MB+ CAULK (NOTE: L RATINGS APPLY ONLY WHEN TYPE CP-25 MB+ CAULK IS USED)



24 FIRE EXTINGUISHER CABINET SCALE: 3" = 1'-0"

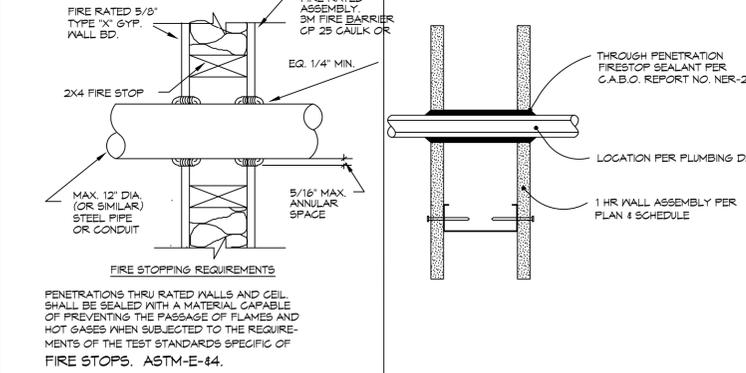


23 ACCESSORY IN RATED WALL (OPTION) SCALE: 3" = 1'-0"

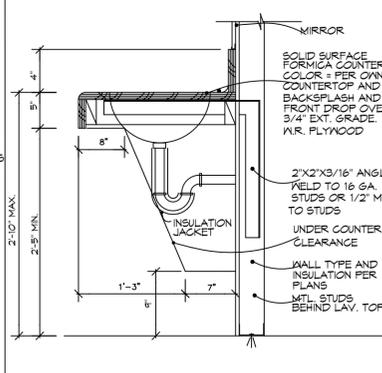


22 HANDRAIL DETAIL @ STAIRS SCALE: 3" = 1'-0"

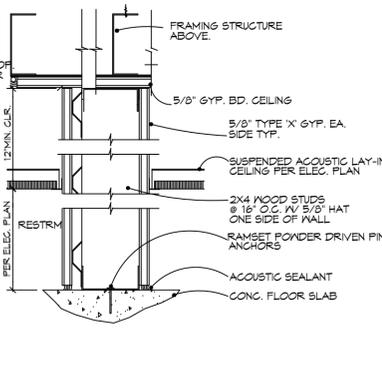
21 TYPICAL ELECTRICAL WIRE PENETRATION SCALE: 3" = 1'-0"



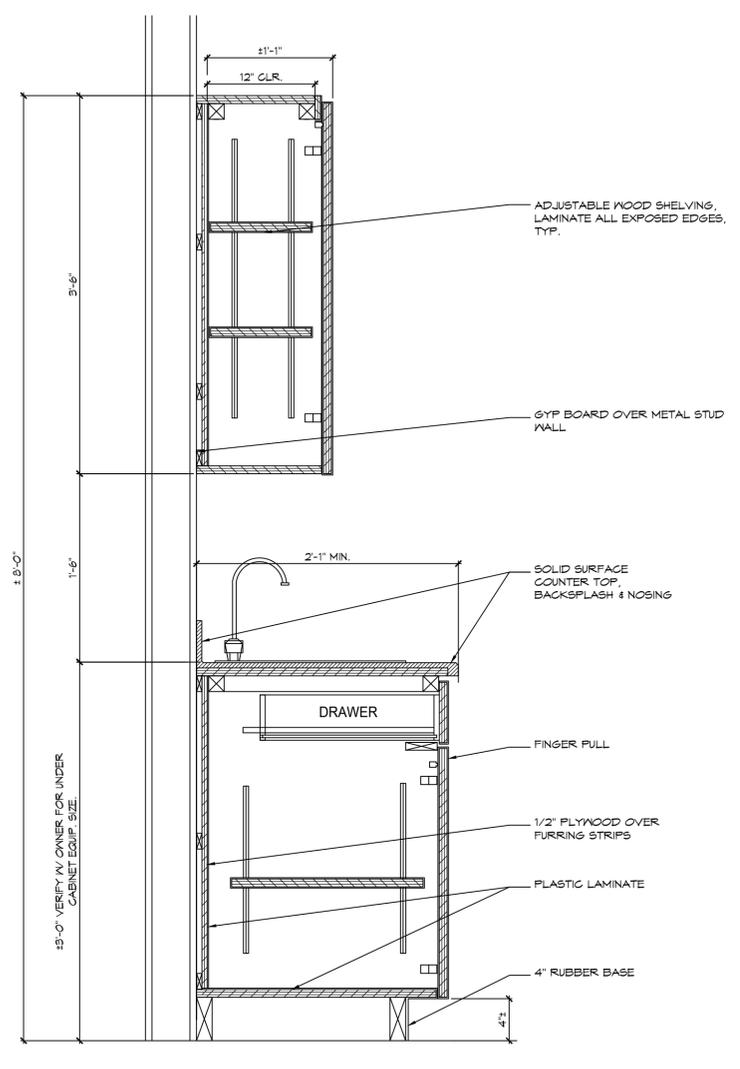
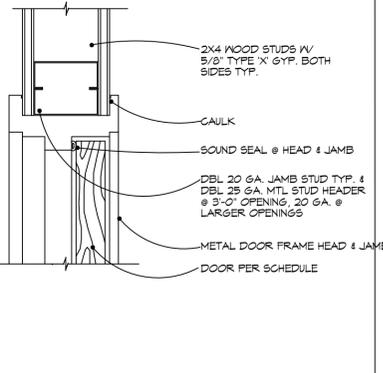
19 NOTE USED SCALE: NTS



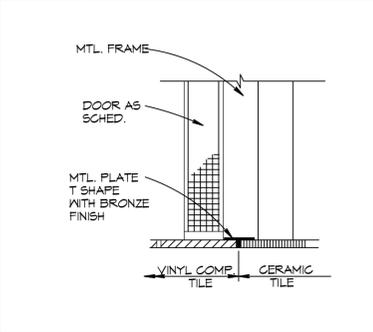
18 NOTE USED SCALE: NTS



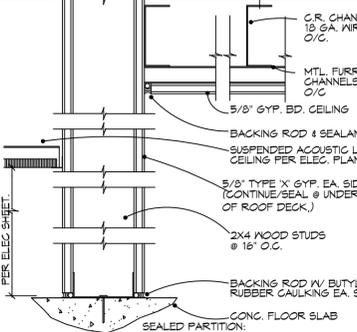
17 NOTE USED SCALE: NTS



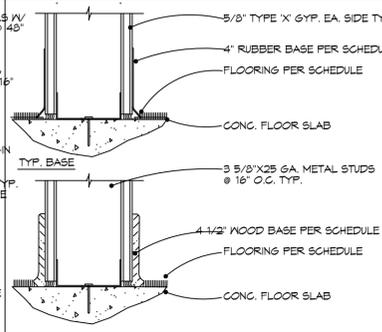
14 PENETRATION FIRESTOP FOR MTL. PIPE SCALE: 3" = 1'-0"



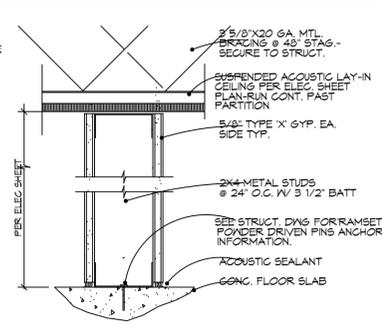
13 PLUMBING PIPE PENETRATION TYP. SCALE: 3" = 1'-0"



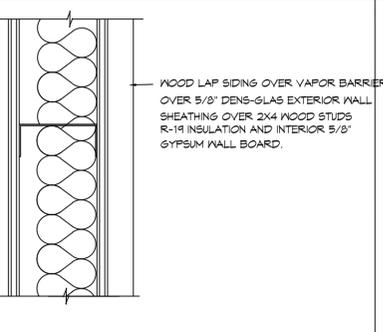
12 LAVATORY DETAIL SCALE: 3" = 1'-0"



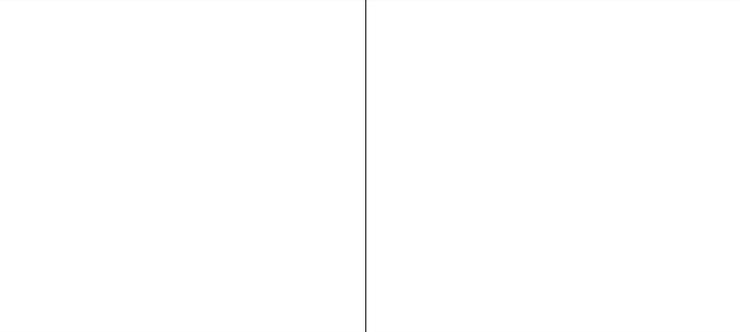
11 SOUND PARTITION @ TOILET WALL SCALE: 3" = 1'-0"



10 STANDARD DOOR (JAMB SIM.) SCALE: 3" = 1'-0"



09 CASEWORK TYPICAL SCALE: NTS



07 DOOR SILL SCALE: 3" = 1'-0"



06 SEALED PARTITION WALL @ SOFFIT. SCALE: 3" = 1'-0"



05 WALL BASE DETAIL SCALE: 3" = 1'-0"



04 NON-RATE PARTITION SCALE: 3" = 1'-0"



03 TYPICAL EXTERIOR WALL SYSTEM. SCALE: NTS



02 NOTE USED SCALE: NTS



01 NOTE USED SCALE: NTS

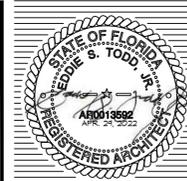


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PHASE 2
 NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PENSACOLA, FLORIDA 32501
 1608 DR. MLK JR. DRIVE

- DETAILS
 DATE: APR. 29 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SAMPSON
 CHECK BY: TODD





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NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PHASE 2
 PENSACOLA, FLORIDA 32501
 1608 DR. MLK JR. DRIVE

- ELEVATIONS
 - NOTES
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A321
 OF

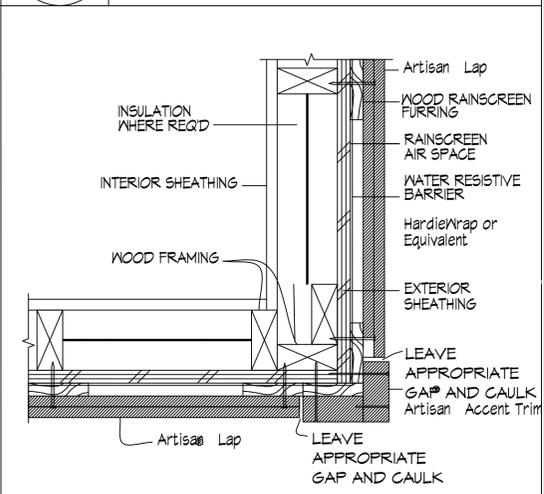
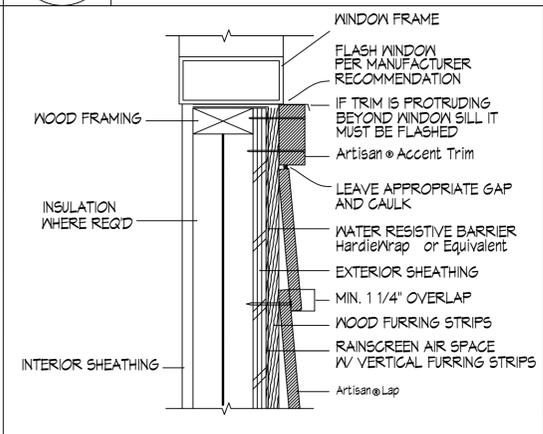
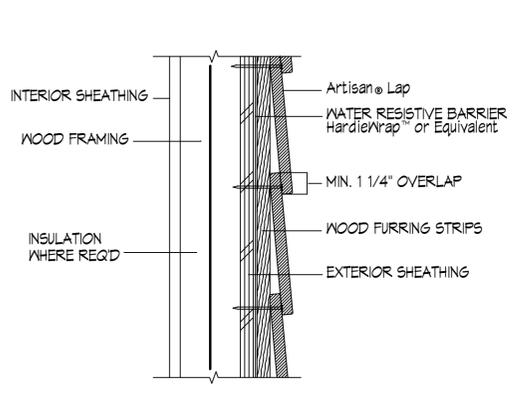
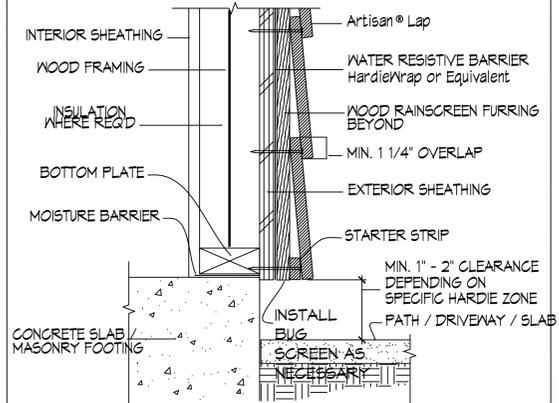
15 NOT USED
A321 SCALE: NTS

14 NOT USED
A321 SCALE: NTS

13 NOT USED
A321 SCALE: NTS

02 NOT USED
A321 SCALE: NTS

01 NOT USED
A321 SCALE: NTS



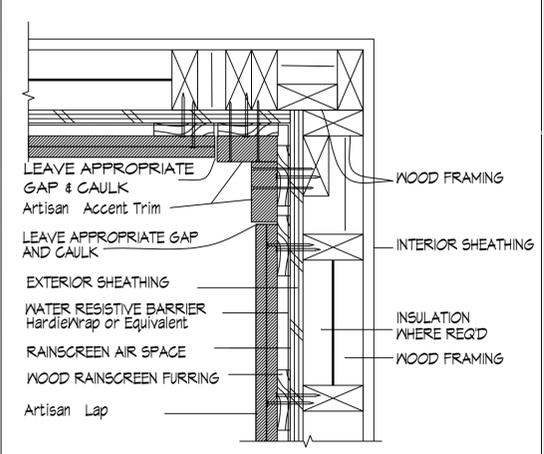
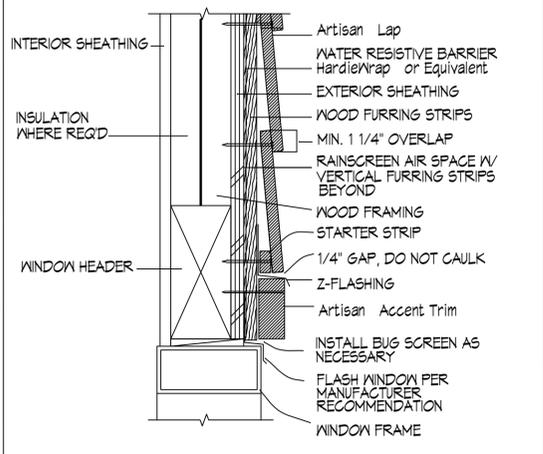
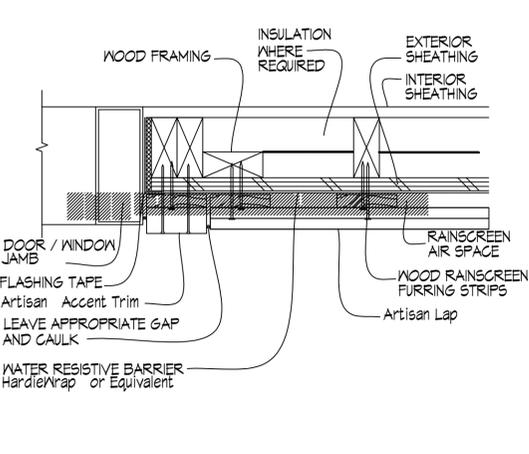
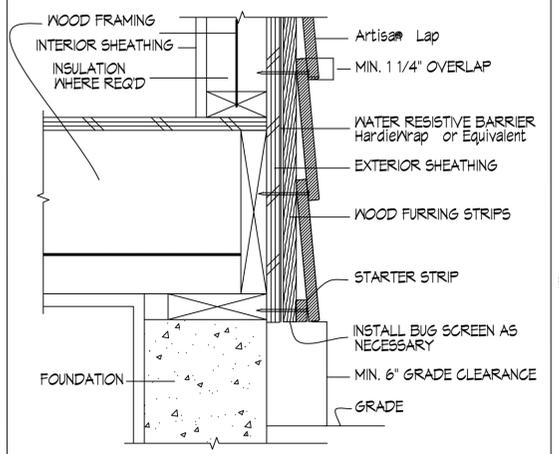
10 NOT USED
A321 SCALE: NTS

09 GRADE CLR @ SIDEWALK
A321 SCALE: NTS

08 HORIZONTAL LAP VIEW
A321 SCALE: NTS

07 WINDOW SILL
A321 SCALE: NTS

06 OUTSIDE CORNER
A321 SCALE: NTS



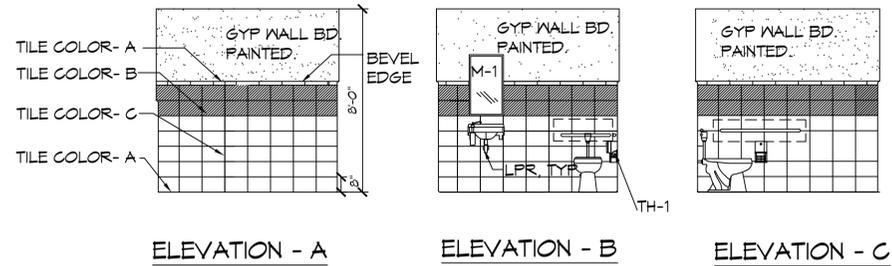
05 NOT USED
A321 SCALE: NTS

04 GRADE CLEARANCE
A321 SCALE: NTS

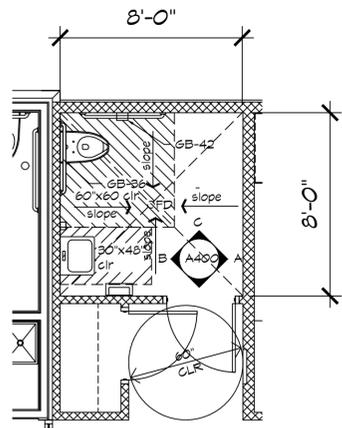
03 DOOR/WINDOW JAMB
A321 SCALE: NTS

02 WINDOW/DOOR HEAD
A321 SCALE: NTS

01 INSIDE CORNER
A321 SCALE: NTS



- NOTE: 1. ALL FLOOR MOUNTED TOILET PARTITIONS SHALL BE SOLID POLYMER RESIN.
2. TILE COLOR SELECTION SHALL BE SELECTED BY OWNER/ARCHITECT AND INSTALLED BY CONTRACTOR.
3. ALL COUNTER TOPS SHALL BE SOLID SURFACE. (CORIAN OR EQ.)
4. TYPICAL SLOPE 1/16 PER FOOT.



TOILET NOTES:

- 1.) GRAB BARS SHALL BE 1 1/4" TO 1 1/2" IN DIAMETER WITH 1 1/2" MIN. CLEARANCE TO WALL.
- 2.) GRAB BAR FASTENERS AND MOUNTING SUPPORT SHALL BE ABLE TO WITHSTAND 250 LB. PER SQ. INCH IN BENDING, SHEAR, AND TENSION.
- 3.) FAUCET CONTROLS AND OPERATING MECHANISM SHALL BE OPERABLE WITH ONE HAND, SHALL BE OF THE TYPE NOT REQUIRING TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST AND OPERATING FORCE NOT EXCEEDING 5 LBS.
- 4.) ON DOORWAYS LEADING TO TOILET FACILITIES SHALL ADA APPROVE SYMBOLS.
- 5.) ALL UNDERCOUNTER/LAVATORY EXPOSED PLUMBING FIXTURE PIPES SHALL BE WRAPPED AND INSULATED FROM THE HANDICAPPED.
- 6.) TYPICAL TOILET STALL DOORS SHALL BE 32" WIDE (36" @ H.C.) AND SHALL HAVE SELF CLOSING TYPE HINGED HARDWARE.
- 7.) ALL H.C. TOILETS SHALL COMPLY WITH FLA. ACCESSIBILITY CODE (FBC) FOR CONSTRUCTION OR LATEST EDITION.
- 8.) TOILET ACCESSORIES BY BOBRICK OR EQUAL. CONTRACTOR SHALL PROVIDE SUBMITTAL OF ACCESSORIES AND EQUIPMENT.
- 9.) WATER COOLER BY ELKAY. CONTRACTOR SHALL PROVIDE SUBMITTAL FOR ALL ACCESSORIES AND EQUIPMENT.
- 10.) CONTRACTOR SHALL PROVIDE AND INSTALL 48" HIGH CERAMIC (THIN SET) TILE AT ALL WET WALLS. CONTRACTOR SHALL PROVIDED BID ALLOWANCE. COLOR SELECTED BY OWNER INSTALLED BY CONTRACTOR.
- 11.) SLOPE TO FLOOR DRAIN 1/8" PER FOOT. SEE PLUMBING DRWG.
- 12.) MTD. HEIGHTS.
 - A) TOP OF TOILET - 19"
 - B) TOP OF LAV. - 34"
 - C) TOP OF URINALS - 17"
 - D) GRAB BARS - 34"
 - E) DRINK FOUNTAIN SPOUT - 36" MAX.

11 UNISEX INTERIOR ELEVATION

SCALE: 1/4"=1'-0"

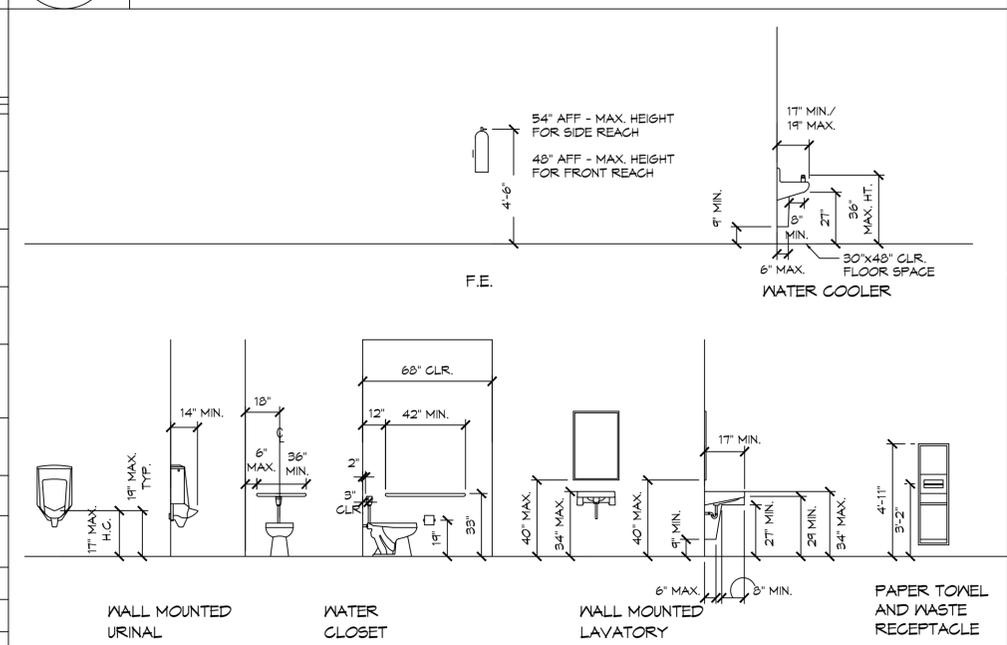
10 UNISEX RESTRM FLOOR PLAN

SCALE: 1/4"=1'-0"

06 TOILET GENERAL NOTES

SCALE: 1/4"=1'-0"

MARK	DESCRIPTION	MANUFACTURER	REMARKS
GB-36	36" GRAB BAR	BOBRICK-B-6806-36	MOUNT CENTERLINE OF GB AS INDICATED. PROVIDE BLOCK CONCEALED INSIDE WALLS.
GB-42	42" GRAB BAR	BOBRICK-B-6806-42	MOUNT CENTERLINE OF GB AS INDICATED. PROVIDE BLOCK CONCEALED INSIDE WALLS.
M-1	FRAMED MIRROR	BOBRICK-B-293-18-30	MOUNT BOTTOM OF MIRROR 3'-4" AFF ADA TILT UNIT.
SD-1			MOUNT IN SINK OR COUNTER
TH-1	TOILET TISSUE HOLDER - DOUBLE	BOBRICK-B-6999	SURFACE MOUNTED 2 ROLL TOILET PAPER DISPENSER, MOUNT 19" ABOVE FLOOR TO HORIZONTAL CENTERLINE OR ROLL
TD-1	TOWEL DISPENSER / WASTE RECEPTACLE	BOBRICK-B-38032	SEMI-RECESSED PAPER TOWEL DISPENSER / WASTE RECEPTACLE
SND-1	SANITARY NAPKIN DISPOSAL	BOBRICK-B-354	
LPR	LAVATORY ADA PIPE WRAP	---	PROVIDE ON ALL EXPOSED PIPES IN THE BATHROOM
L/S-1	LAVATORY SINK - ADA	---	SEE MEP
WC-1	WATER CLOSET - ADA	---	SEE MEP



01 TOILET ACCESSORIES FIXTURES SCHEDULE

SCALE: 1/4"=1'-0"

01 TOILET FIXTURES SCHEDULE

SCALE: 1/4"=1'-0"



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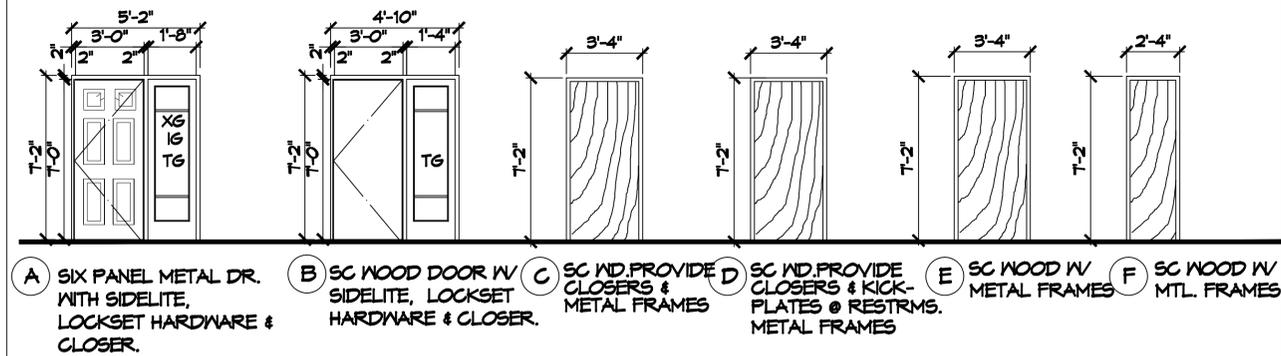
PHASE 2
 NEW BUILDING FOR THE
"CHAPPIE JAMES FLIGHT ACADEMY"
 PENSACOLA, FLORIDA 32501
 1606 DR. MLK JR. DRIVE

- ELEVATIONS
 - NOTES
 DATE: APR 29 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SYDNEE
 CHECK BY: TODD

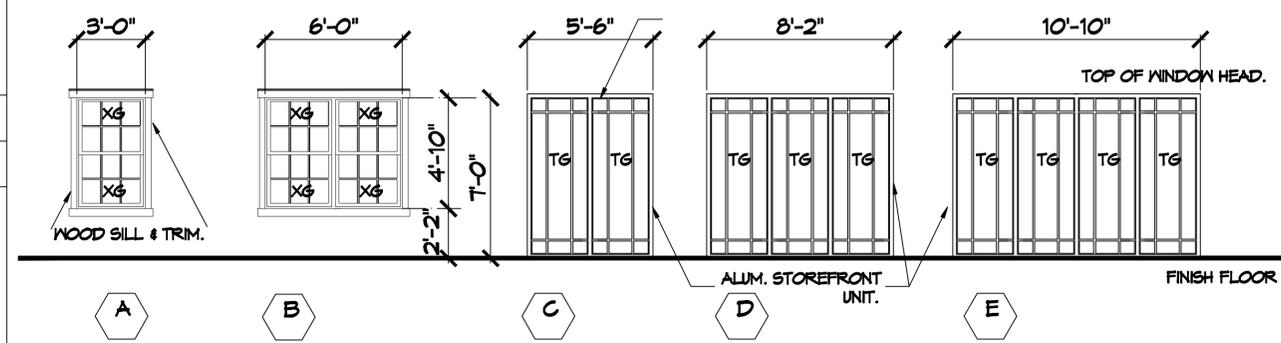
A400
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DOOR / STORFRONT SCHEDULE - FLIGHT ACADEMY

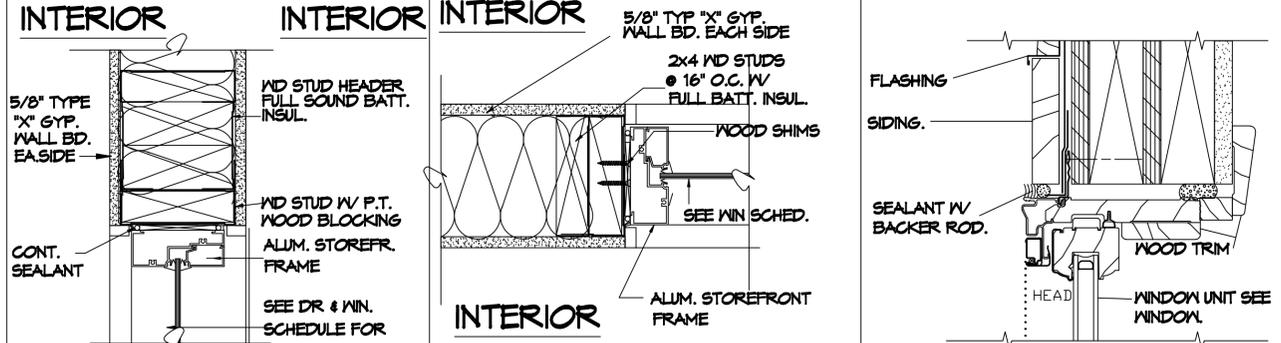
DOOR NO.	TYPE	DOOR SIZE		FINISH	FIRE RATING DOOR, & FRAME	HDWARE	CLOSURE X	REMARKS
		WIDTH	HEIGHT					
01	A	3'-0"	7'-0"	SC WD	----	LOCKSET	X	HURRICAN RATED WITH SIDE LITE
02	A	3'-0"	7'-0"	SC WD	----	LOCKSET	X	HURRICAN RATED WITH SIDE LITE
03	B	3'-0"	7'-0"	SC WD	----	LOCKSET	X	
04	E	3'-0"	7'-0"	SC WD	----	LOCKSET	----	
05	D	3'-0"	7'-0"	SC WD	----	LATCH	X	
06	E	3'-0"	7'-0"	SC WD	----	LOCKSET	----	
07	F	2'-0"	7'-0"	SC WD	----	LOCKSET	----	
08	F	2'-0"	7'-0"	SC WD	----	LOCKSET	----	
09	E	3'-0"	7'-0"	SC WD	----	LOCKSET	----	
10	C	3'-0"	7'-0"	SC WD	----	LOCKSET	----	SMOKE SEAL GASKED @ DR & THRESHOLD
11	E	3'-0"	7'-0"	SC WD	----	LOCKSET	----	



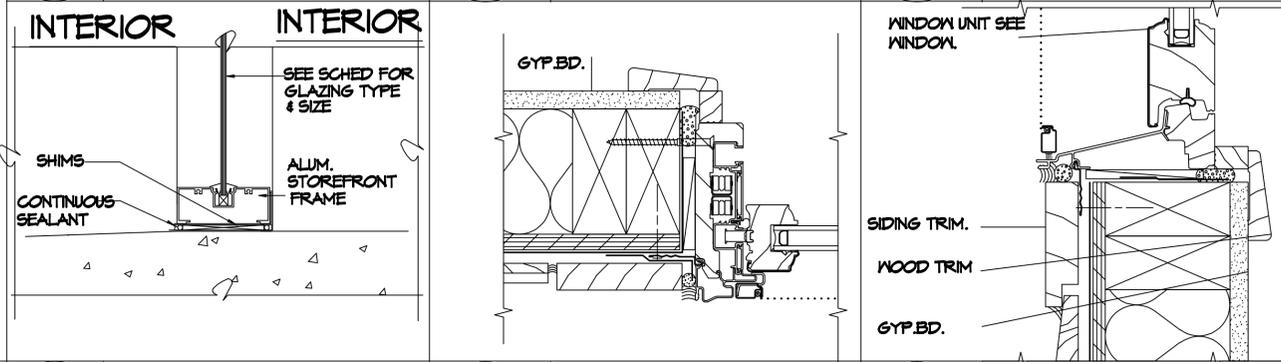
21 DOOR TYPES
A500 SCALE: 1/4" = 1'-0"



15 WINDOW TYPES-FLIGHT ACADEMY AND STOREFRONT TYPES
A500 SCALE: 1/4" = 1'-0"



09 STOREFRONT HEAD A500 SCALE: NTS
08 STOREFRONT JAMB A500 SCALE: NTS
07 WINDOW HEAD A500 SCALE: NTS



06 DOOR / HARDWARE NOTES A500 SCALE: 1/4"=1'-0"
04 INTERIOR STOREFRONT NOTES A500 SCALE: 1/4"=1'-0"
03 STOREFRONT SILL A500 SCALE: NTS
02 WINDOW JAMB A500 SCALE: NTS
01 WINDOW SILL A500 SCALE: NTS

18 DOOR / STORFRONT SCHEDULE
A500 SCALE: NTS

- A. PROVIDE PANIC HARDWARE, THRESHOLDS AND CLOSURES AT ALL EXIT DOORS.
 - B. ALL DOOR HARDWARE SHALL BE HANDICAP APPROVED LEVER CLASS "C" HARDWARE THAT EXCEEDS ALL ANSI REQUIREMENTS FOR BARRIER FREE STANDARDS AS OUTLINED IN ANSI SECTION A-117.1.
 - C. ALL LOCKS SHALL BE MASTER KEYED TO ALL ENTRY DOOR LOCKING SYSTEMS.
 - D. ALL HARDWARE SHALL BE SELECTED BY THE CONTRACTOR. SUBMIT A HARDWARE SCHEDULE FOR APPROVAL BY THE ARCHITECT AND OWNER.
 - E. ACCEPTABLE MANUFACTURERS"
LEVER LOCKSET: RUSSWIN, BEST, SCHLAGE OR EQUAL
BUTTS: HAGER OR EQUAL
DOOR STOP: RUSSWIN OR EQUAL
THRESHOLD: PENKO OR EQUAL (1/4" MINIMUM AND 1/2" MAX. HANDICAP APPROVED)
DOOR CLOSURE: L.C.N. OR CORBIN
 - F. PROVIDE CLOSURES AT ALL INTERIOR CORRIDOR DOORS.
 - G. DOORWAYS LEADING TO TOILETS SHALL HAVE ADA APPROVED SIGNAGE.
 - H. PROVIDE KICK PLATE AT ALL NEW RESTROOM AND KITCHEN DOORS.
 - I. CONTRACTOR SHALL SUBMIT SHOP DRAWING AND FINISH SAMPLES ON ALL DOORS, OPERABLE WALL PARTITION AND BI-FOLD PANELS TO THE ARCHITECT FOR REVIEW AND APPROVAL.
 - J. DOOR MATERIAL ABBREVIATIONS
HM = HOLLOW METAL
GHM = GALVANIZED HOLLOW METAL
AL = ALUMINUM STOREFRONT
WD = SOLID WOOD CORE
 - K. UNLESS NOTED OTHERWISE WHERE GLASS OCCURS IN DOORS PROVIDE TEMPERED GLASS AT NON-RATED DOORS AND FIRE-RATED GLAZING AT RATED DOORS. (SEE NOTE O RE: IMPACT RESISTANT ASSEMBLIES)
 - L. PROVIDE IMPACT RESISTANT GLASS WHERE IMPACT RESISTANT ASSEMBLIES ARE IDENTIFIED IN THE REMARKS COLUMN. TYP. OF DOORS, SIDELIGHTS, AND TRANSOMS.
 - M. GLASS TYPE ABBREVIATIONS
TG = TEMPERED GLASS
IG = INSULATED GLASS
XG = IMPACT RESISTANT GLASS
 - N. UNLESS NOTED OTHERWISE, ALL DOORS ARE 1 3/4" THICK.
 - O. ALL EXTERIOR GLAZING TO BE HURRICANE IMPACT RESISTANT GLASS.
 - P. ALL EXTERIOR HARDWEAR TO BE HURRICANE IMPACT RESISTANT HARDWARE.
 - Q. FIELD VERIFY EXISTING ROUGH OPEN SIZE OF ALL WINDOWS AND DOORS.
- NOTE:**
1. CONTRACTOR SHALL VISIT SITE AND TOUR THE EXISTING STRUCTURE AND MATCH EXISTING.
- NOTE:**
1. CONTRACTOR SHALL VISIT SITE AND TOUR THE EXISTING STRUCTURE AND MATCH EXISTING.
- NOTE:**
1. THE ALUMINUM STROREFRONT SHALL BE KAWNEER TF-450 SYSTEM 1-3/4" X 4-1/2".
2. THE FINISH WILL BE CLEAR ANODIZED.
3. THE GLAZING WILL BE 1/4" CLEAR TEMPERED GLASS.
4. THE CAULKING WILL BE DOWN CORNING CMS. COLOR TO BE SELECTED FROM STANDARD COLORS AND MATCH EXISTING.
5. SYSTEM AND COLORS SHALL MATCH EXISTING STOREFRONT SYSTEM.
- NOTE:**
1. CONTRACTOR SHALL VISIT SITE AND TOUR THE EXISTING STRUCTURE AND MATCH EXISTING.

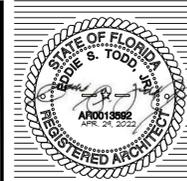


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PHASE 2
NEW BUILDING FOR THE
"CHAPPIE JAMES FLIGHT ACADEMY"
1608 DR. MILK JR. DRIVE PENSACOLA, FLORIDA 32501

- DOOR & WINDOW SCHEDULE
- NOTES
DATE: APR 24 2022
JOB NO.: 21-02
REVISIONS:
MAR. 17, 2023:
- WINDOW TYPE 6/6
- INT. S.F. NOTES
DRAWN BY: SAMPSON
CHECK BY: TODD

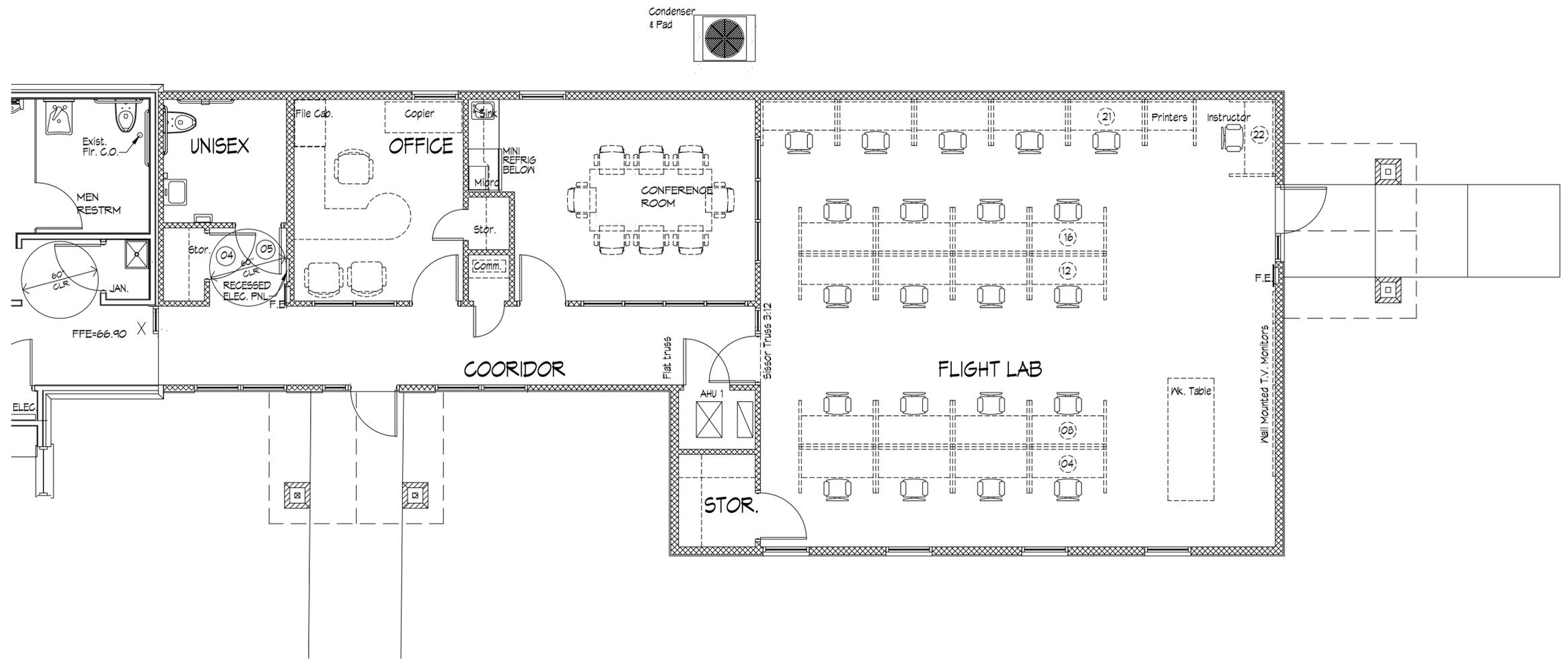
A500
OF



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NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 PHASE 2
 PENSACOLA, FLORIDA 32501
 1606 DR. MLK JR. DRIVE

- FURNITURE PLAN
 - LEGEND
 DATE: APR 29 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SAMPSON
 CHECK BY: TODD



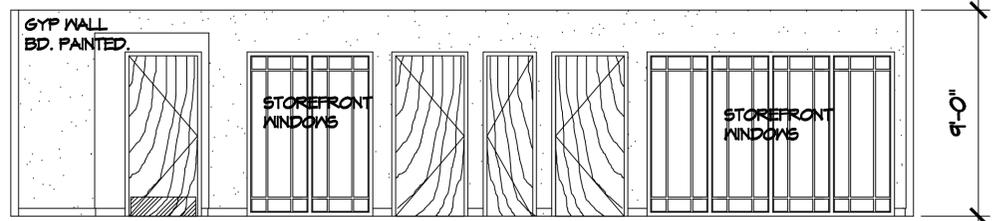
FURNITURE PLAN
 1/4"=1'-0"

NOTES:

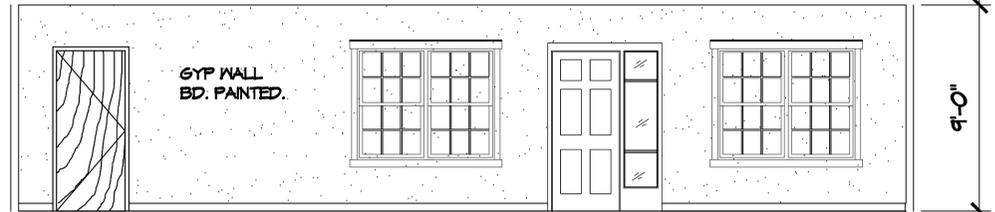
- 1.) FURNITURE IS NOT A PART OF THIS CONTRACT OR SCOPE OF WORK.
- 2.) FURNITURE PLAN IS SHOWN FOR COORDINATION OF BUILDING COMPONENTS AND DESCRIPTION OF SPACIAL USE.
- 3.) ALL FURNITURE, MONITORS, ETC. SHALL BE THE RESPONSIBILITY OF THE ENDUSERS, TYP.

LEGEND:

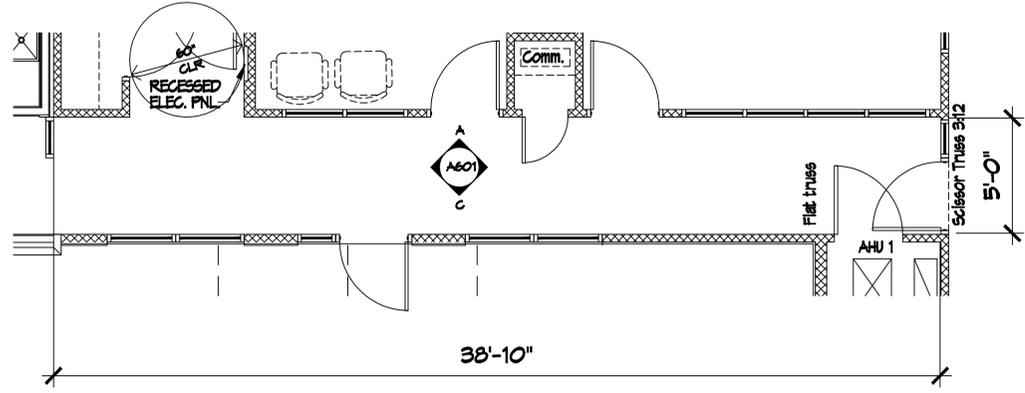
- NEW PARTITION: 5/8" GYPSUM BOARD EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 3-1/2" SOUND ATTENUATION BATTS. WALLS SHALL TO A MIN. 6" ABOVE FINISH CEILING.
- NEW 1 HOUR RATED PARTITION (DESIGN NO. U 305: 5/8" TYPE "X" GYPSUM BD. EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 3-1/2" SOUND ATTENUATION BATTS. PARTITION SHALL EXTEND FROM FLOOR TO UNDERSIDE OF STRUCTURAL DECK ABOVE. SEAL ALL WALL PENETRATIONS WITH FIRE PROOF CAULK.
- EXTERIOR WALL SYSTEM: EXTERIOR GRADE 1X6 WOOD SIDING OVER SELF ADHERED SHEET MEMBRANE AIR VAPOR BARRIERS, OVER 5/8" EXTERIOR SHEATHING OVER 2X4 NEW & EXISTING WOOD STUDS @ 16" O.C. WITH SPRAY FOAM INSULATION OVER 5/8" TYPE "X" GYPSUM BD. PAINTED.
- F.E.
 BAGGIER DRY CHEMICAL FIRE EXTINGUISHER. CLASSIFICATION 2-A:30- B.C. ANSI/UL 700 & 299. TYPE "A" SIZE 11, TYPE B.C. SIZE "1" W/ SEMI-RECESS CABINET.



ELEVATION - A



ELEVATION - C



14 CORRIDOR PLAN

18 CORRIDOR INTERIOR ELEVATION

A601 SCALE: 1/4"=1'-0"

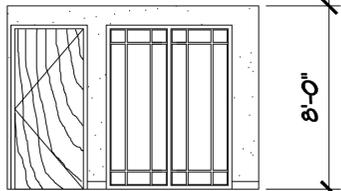
A601 SCALE: 1/4"=1'-0"



ELEVATION - A



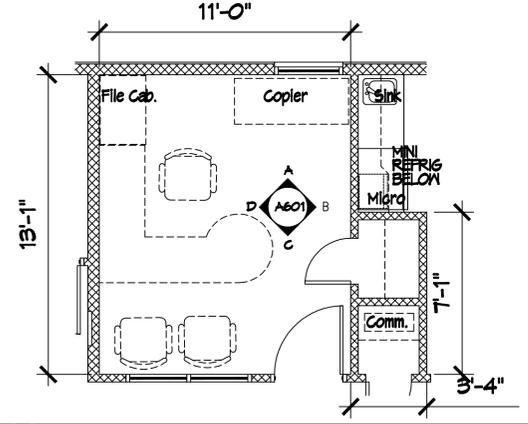
ELEVATION - B



ELEVATION - C



ELEVATION - D

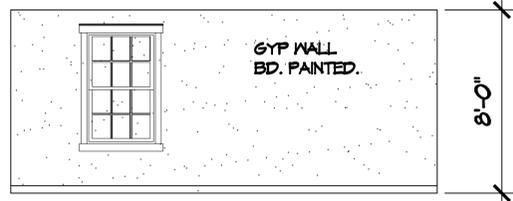


07 OFFICE PLAN

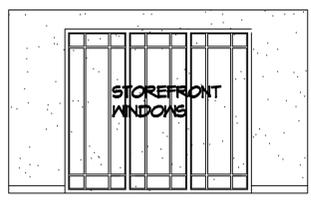
A601 SCALE: 1/4"=1'-0"

12 OFFICE INTERIOR ELEVATIONS

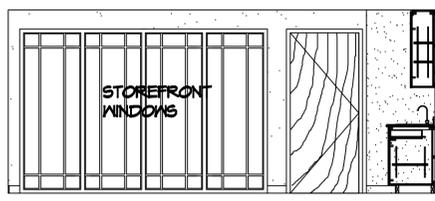
A601 SCALE: 1/4"=1'-0"



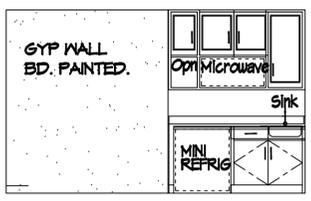
ELEVATION - A



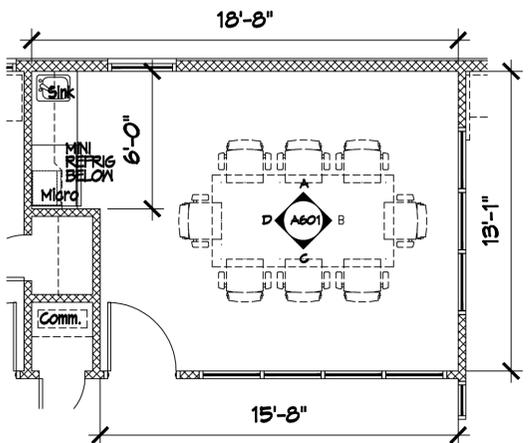
ELEVATION - B



ELEVATION - C



ELEVATION - D



01 CONFERENCE ROOM PLAN

A601 SCALE: 1/4"=1'-0"

06 CONFERENCE INTERIOR ELEVATIONS

A601 SCALE: 1/4"=1'-0"



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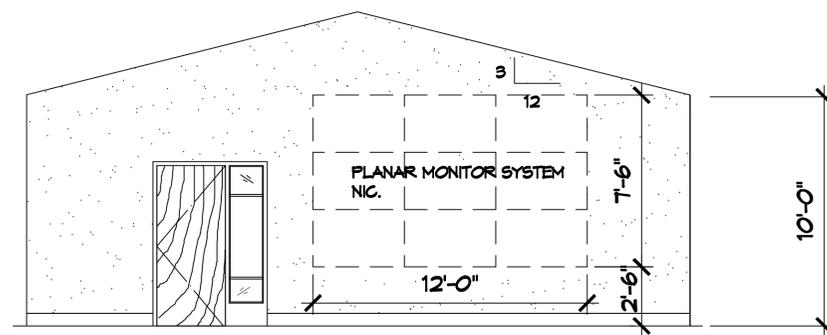
PHASE 2
"CHAPPIE JAMES FLIGHT ACADEMY"
 1608 DR. MILK JR. DRIVE PENSACOLA, FLORIDA 32501

- INTERIOR ELEVATIONS
 - NOTES
 DATE: APR 24 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: SYDNEE
 CHECK BY: TODD

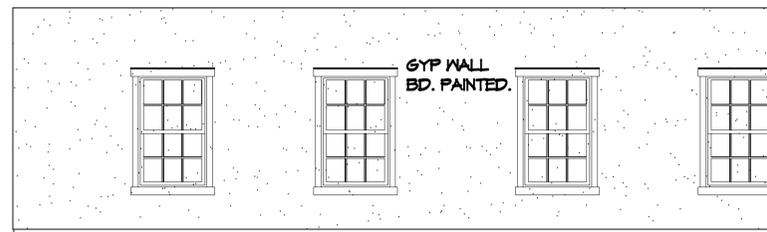
A601
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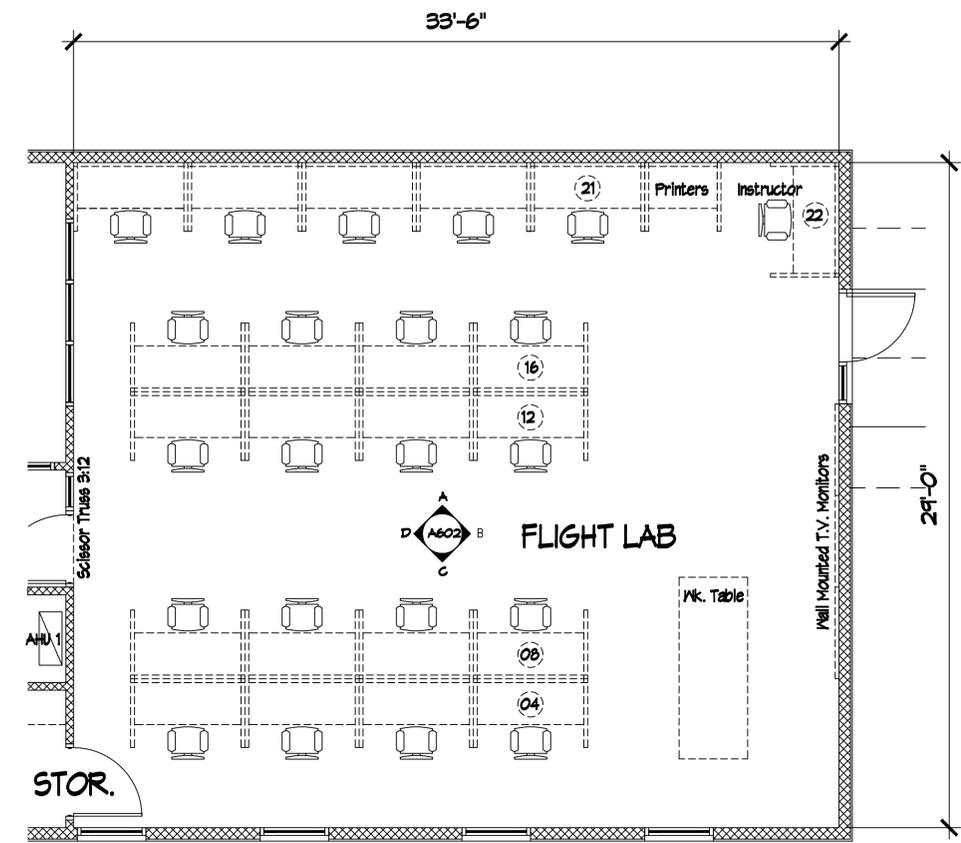
ELEVATION -A



ELEVATION -B

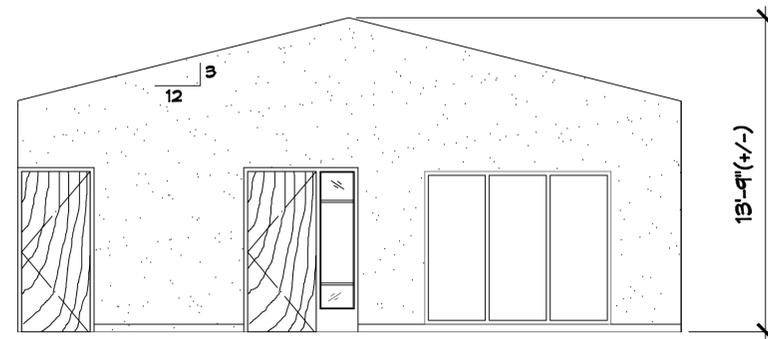


ELEVATION -C



FLIGHT LAB

14
A602
FLIGHT LAB PLAN
SCALE: 1/4"=1'-0"



ELEVATION -D



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PHASE 2
NEW BUILDING FOR THE
"CHAPPIE JAMES FLIGHT ACADEMY"
1608 DR. MILK JR. DRIVE
PENSACOLA, FLORIDA 32501

- INTERIOR ELEVATIONS
- NOTES
DATE: APR 24 2022
JOB NO.: 21-02
REVISIONS:
DRAWN BY: SYDNEE
CHECK BY: TODD

1.00 GENERAL NOTES

- 1.01 THESE DRAWINGS ADDRESS ONLY THE STRUCTURAL DESIGN OF THE STRUCTURE. THE DIMENSIONAL LAYOUT OF THE STRUCTURE HAS BEEN DICTATED TO JOE DEREUIL ASSOCIATES IN ORDER TO PRODUCE STRUCTURAL DESIGN DOCUMENTS. NO REPRESENTATION IS MADE REGARDING CODE CONFORMANCE OF NON-STRUCTURAL ASPECTS OF THE STRUCTURE.
- 1.02 THESE STRUCTURAL NOTES SHALL BE APPLIED WITH THE TECHNICAL SPECIFICATIONS IN THE SPECIFICATIONS MANUAL. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER-OF-RECORD FOR RESOLUTION BEFORE PROCEEDING WITH FABRICATION OR CONSTRUCTION.
- 1.03 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
- 1.04 THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT TIMBER TRUSS BRACING AS REQUIRED BY BCSI (BUILDING COMPONENT SAFETY INFORMATION, BY TPI AND WTCA).
- 1.05 COORDINATE STRUCTURAL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION. CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT. FOR ADDITIONAL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.
- 1.06 DESIGN CRITERIA:

THE STRUCTURE HAS BEEN DESIGNED UTILIZING THE FOLLOWING REFERENCES:

- A. FLORIDA BUILDING CODE, 2020
- B. ASCE 7-16, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
- C. ACI 302.1 R-15, CONCRETE FLOOR AND SLAB CONSTRUCTION
- D. ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- E. ACI 360 R-10, DESIGN OF SLABS-ON-GROUND
- F. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018
- G. TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES

1.07 DESIGN LOADS

- A. DEAD LOADS:
1. TRUSS TOP CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)
 2. TRUSS BOTTOM CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)
- B. LIVE LOADS: (MAY BE REDUCED PER CODE)
1. ROOFS: 20 PSF
 2. SLAB-ON-GRADE: 150 PSF
- C. WIND LOADS - STRUCTURE HAS BEEN DESIGNED TO CONFORM TO THE WIND PROVISIONS OF ASCE 7-16. SEE WIND PRESSURE DIAGRAM & CHART FOR THE FOLLOWING:
1. ULTIMATE WIND SPEED (3-SEC GUST)
 2. NOMINAL WIND SPEED (3-SEC GUST)
 3. BUILDING RISK CATEGORY
 4. WIND EXPOSURE CATEGORY
 5. INTERNAL PRESSURE COEFFICIENT
 6. COMPONENT & CLADDING WIND PRESSURES

1.08 SUBMITTALS:

- A. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR IS ALSO RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

1.09 SHOP DRAWING SUBMITTALS:

- A. THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS DONE BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE REVIEW BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE ONLY. IF SHOP DRAWINGS HAVE NOT BEEN REVIEWED AND APPROVED BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER, THEY SHALL BE RETURNED WITHOUT APPROVAL.
- B. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF ALL SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.
- C. ALL MODIFICATIONS MADE FOR SUBMITTALS THAT ARE RE-SUBMITTED SHALL CLEARLY NOTE ALL CHANGES.
- D. REPRODUCING THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ALLOWED, AND SHOP DRAWINGS WILL BE RETURNED WITHOUT APPROVAL.
- E. GENERAL SHOP DRAWING REQUIREMENTS:
1. SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECESSARY FOR PROPER FABRICATION, ERECTION, AND PLACEMENT OF STRUCTURAL FABRICATIONS. INCLUDE PLANS, ELEVATIONS, AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.

1.10 SHOP DRAWINGS BY SPECIALTY ENGINEER:

- A. THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE SPECIALTY ENGINEERED ERECTION AND FABRICATION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER, BUT ARE NOT LIMITED TO: WINDOW SYSTEMS, DOOR SYSTEMS, AND ROOF TRUSSES.
- B. THE SPECIALTY ENGINEER OR SUPPLIER SHALL DESIGN AND INSTALL THEIR COMPLETED SYSTEM IN ITS ENTIRETY TO THE PRIMARY STRUCTURE PER THE CRITERIA NOTED ON THESE CONSTRUCTION DOCUMENTS. THE SPECIALTY ENGINEER SHALL ADHERE TO ALL REQUIREMENTS OF THE APPLICABLE BUILDING CODE OR THESE NOTES, WHICHEVER IS MORE STRINGENT. SHOP DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT/E.O.R. AND CALCULATIONS SHALL REQUIRE THE SEAL, DATE, AND SIGNATURE OF THE SPECIALTY ENGINEER REGISTERED IN THE PROJECT STATE.

2.00 FOUNDATIONS AND SLAB-ON-GRADE

- 2.01 THE DESIGN OF FOUNDATIONS AND SLAB ON GRADE IS BASED ON THE CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT BY TIERRA ENGINEERING, PENSACOLA, FL; PROJECT #4511-15-030, DATED SEPTEMBER 11, 2015. THE RECOMMENDATIONS OF THAT REPORT SHALL BE CONSIDERED AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.
- 2.02 SHALLOW FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
- 2.03 A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS BEFORE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS, WALLS, FILLS, BACKFILLS, ETC. SHOULD THE CONTRACTOR FIND UNDESIRABLE SOILS, HE SHALL STOP WORK AND IMMEDIATELY CONTACT THE ENGINEER OF RECORD. ALL FOOTINGS SHALL REST EITHER ON UNDISTURBED SOIL OR A MANUALLY OPERATED VIBRATORY SLED OR TAMPER SHOULD BE USED TO DENSIFY ANY SOILS IN THE BOTTOM OF THE FOOTING TRENCHES LOOSENEED DURING THE EXCAVATION OPERATION.
- 2.04 SIDES OF FOUNDATIONS SHALL BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS POURED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATIONS AS APPROVED BY GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT.
- 2.05 CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTECTING ALL EXCAVATION SLOPES.
- 2.06 DEWATER TO AT LEAST TWO FEET BELOW BOTTOM OF LOWEST FOUNDATION IF GROUNDWATER IS ENCOUNTERED, UNLESS ANOTHER METHOD HAS BEEN APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD FOR THIS PROJECT.
- 2.07 SLAB-ON-GRADE REQUIREMENTS:

- A. UNLESS NOTED OTHERWISE, THE SLAB-ON-GRADE SHALL BE A MINIMUM OF :

- 4 INCHES THICK, PLACED ON COMPACTED SUBGRADE, AND REINFORCED WITH 6x6 W1.4xW1.4 WWF IN FLAT SHEETS (ROLLS ARE NOT PERMITTED). PROVIDE POSITIVE SUPPORT 2" CLEAR FROM BOTTOM OF SLAB. LAP MESH 12".
- PLACE CONTRACTION OR CONSTRUCTION JOINTS AT LOCATIONS INDICATED BY "S.C.J." SAWCUT CONTROL JOINTS AS SOON AFTER POURING AS POSSIBLE, WHEN CONCRETE WILL NOT RAVEL; 12 HRS. MAX. CURE CONCRETE IN ACCORDANCE WITH ACI 301. BEGIN CURING IMMEDIATELY AFTER POURING TO LIMIT CRACKING PRIOR TO SAWCUTTING CONTROL JOINTS.
- SUBGRADE SHALL BE PREPARED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
- VAPOR RETARDER SHALL CONFORM TO ASTM E1745, CLASS A, 10 MIL MINIMUM THICKNESS. THE VAPOR RETARDER SHOULD BE PLACED OVER THE PREPARED SUBGRADE. VAPOR RETARDER SHOULD BE OVERLAPPED 8 IN. AND TAPED AT THE JOINTS AND CAREFULLY FITTED AROUND SERVICE OPENINGS.

3.00 REINFORCED CONCRETE

- 3.01 ALL CONCRETE WORK SHALL CONFORM TO ACI 301-16, SPECIFICATIONS FOR STRUCTURAL CONCRETE. DESIGN IS BASED ON ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. DETAIL CONCRETE REINFORCEMENT AND ACCESSORIES IN ACCORDANCE WITH ACI 315R-18, GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL SHOP DRAWINGS ARE COMPLETED AND REVIEWED.

- 3.02 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS (F_c), WATER TO CEMENTITIOUS CONTENT (W/CM) AND AIR CONTENT ACCORDING TO EXPOSURE CLASS (EC):

	F _c	MAX. W/CM	AIR CONTENT
A. FOUNDATIONS (EC-F0, S0, W0, C0)	3500 PSI	0.50	N/A
B. SLAB-ON-GRADE - INTERIOR (EC-F0, S0, W0, C0)	3500 PSI	0.50	N/A

CONCRETE MAY CONTAIN A PROPERLY DESIGNED SUPERPLASTICIZER FOR WORKABILITY.

- 3.03 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.

- 3.04 REASONABLE MEASURES HAVE BEEN TAKEN TO MITIGATE SHRINKAGE CRACKING THROUGH THE USE OF JUDICIOUS DETAILING AND REINFORCING. HOWEVER SOME VISIBLE CRACKING IS TO BE EXPECTED AS A RESULT OF CONCRETE SHRINKAGE RESTRAINT. FURTHER MEASURES COULD BE TAKEN TO ELIMINATE ALL VISIBLE CRACKING, BUT THESE WOULD COME AT A COST IN THE FORM OF ADDITIONAL REINFORCING. ANY CRACKING THAT DOES OCCUR SHALL BE REPAIRED WITH APPROPRIATE PROCEDURES.

- 3.05 THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNER'S TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.

- 3.06 USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.

- 3.07 HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED ONLY WHERE INDICATED. THE STRUCTURAL ENGINEER SHALL APPROVE THE LOCATION OF VERTICAL CONSTRUCTION JOINTS. CONSTRUCTION JOINTS SHALL BE THOROUGHLY ROUGHENED BY MECHANICAL MEANS, AND CLEANED. CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING INTENDED POURING SEQUENCE AND LOCATION OF CONSTRUCTION JOINT TO THE ENGINEER FOR REVIEW. PROPOSED METHODS MUST BE ACCEPTABLE TO THE ARCHITECT BEFORE USE.

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NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"

16608 DR. M.L.K. DRIVE
PENSACOLA, FLORIDA 32501

- FLR. PLAN
- LEGEND
- NOTES

DATE: March, 11, 2021
JOB NO.: 21-02
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S-001

OF

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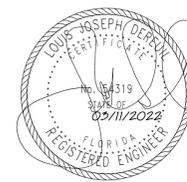
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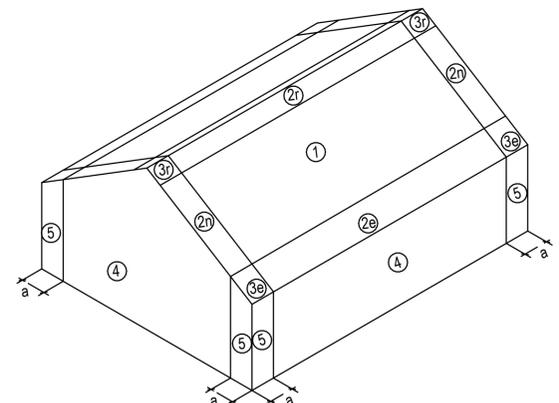


- 3.08 TIE ALL REINFORCING STEEL AND EMBEDMENTS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITHIN SPECIFIED TOLERANCE DURING ALL CONSTRUCTION ACTIVITIES. "STICKING" DOWELS INTO WET CONCRETE IS NOT PERMITTED.
- 3.09 PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE; SPLICE ONLY AS SHOWN OR APPROVED; STAGGER SPLICE WHERE POSSIBLE; USE FULL TENSION SPLICE (CLASS "B") UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH FULL TENSION SPLICES (CLASS "B") UNLESS NOTED OTHERWISE. TERMINATE BARS WITH STANDARD HOOKS.
- 3.10 REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE (PER ACI 318-14 TABLE 20.6.1.3.1):
- A. CONCRETE AGAINST EARTH (NOT FORMED): 3"
 - B. FORMED CONCRETE EXPOSED TO THE EARTH OR WEATHER:
 1. #6 THROUGH #18 BARS: 2"
 2. #5 BARS AND SMALLER: 1-1/2"
 - C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
 1. SLABS AND WALLS: 3/4"
 2. BEAMS (STIRRUPS) AND COLUMNS (TIES): 1-1/2"
- 3.11 DO NOT PLACE DUCTS EXCEEDING ONE-THIRD THE SLAB OR WALL THICKNESS WITHIN THE SLAB OR WALL UNLESS SPECIFICALLY SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
- 3.12 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.
- 3.13 SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28-DAY STRENGTH.
- 3.14 THE LICENSED DESIGN PROFESSIONAL, A PERSON UNDER THE SUPERVISION OF A LICENSED DESIGN PROFESSIONAL, OR A QUALIFIED INSPECTOR SHALL VERIFY COMPLIANCE WITH CONSTRUCTION DOCUMENTS. (ACI 318-14 PAR. 26.13.1.3)
- 3.15 ALL REINFORCING STEEL PLACEMENTS SHALL BE REVIEWED BY A REGISTERED STRUCTURAL ENGINEER, OR BY A REPRESENTATIVE RESPONSIBLE TO HIM. (RE: ACI 318 PAR. 26.13.1)
- 4.00 MASONRY
- 4.01 CONCRETE MASONRY DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES.
- 4.02 PROVIDE LIGHTWEIGHT, HOLLOW, LOAD-BEARING CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C90, UNLESS NOTED OTHERWISE.
- 4.03 PROVIDE MASONRY CONSTRUCTION WITH MINIMUM COMPRESSIVE STRENGTH, $f_m = 2,000$ PSI.
- 4.04 PROVIDE TYPE "M" OR "S" MORTAR IN ACCORDANCE WITH ASTM C270 BY PROPORTION REQUIREMENTS, UNLESS NOTED OTHERWISE.
- 4.05 VERTICAL CELLS SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. MINIMUM, UNLESS NOTED OTHERWISE (U.N.O.) IN THE CONTRACT DRAWINGS. VERTICAL REINFORCING SHALL BE CONTINUOUS (LAPPED 48 BAR DIAMETERS MINIMUM AT SPLICES, U.N.O.) AND HELD IN POSITION AT THE TOP AND BOTTOM OF THE GROUT POUR. U.N.O., POSITION VERTICAL REINFORCING IN THE CENTER OF THE CELL. REFER TO SECTIONS AND DETAILS FOR ADDITIONAL REINFORCING.
- 4.06 PROVIDE GROUT FOR REINFORCED MASONRY IN ACCORDANCE WITH ASTM C476. GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI UNLESS NOTED OTHERWISE. GROUT SHALL BE FLUID CONSISTENCY. FLUID CONSISTENCY SHALL MEAN THAT CONSISTENCY IS AS FLUID AS POSSIBLE FOR POURING WITHOUT SEGREGATION OF THE CONSTITUENT PARTS. FILL ALL CELLS BELOW GRADE WITH GROUT. ALL GROUT SHALL BE CONSOLIDATED AT THE TIME OF POURING BY VIBRATING AND THEN RECONSOLIDATED BY AGAIN PUDDLING LATER, BEFORE PLASTICITY IS LOST. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR OF THE GROUT 1-1/2 INCHES BELOW THE TOP OF THE UPPERMOST UNIT.
- 4.07 PROVIDE HORIZONTAL JOINT REINFORCEMENT COMPLYING WITH ASTM A82, NO. 9 GAUGE OR HEAVIER, ZINC COATED, PLACED 16 INCHES ON CENTER UNLESS NOTED OTHERWISE.
- 4.08 PROVIDE RUNNING BONDS WITH VERTICAL JOINTS LOCATED AT CENTER OF MASONRY UNITS IN THE ALTERNATE COURSE BELOW, UNLESS NOTED OTHERWISE.
- 4.09 ALL MASONRY UNITS SHALL BE FREE OF EXCESSIVE DUST AND DIRT AT THE TIME THEY ARE LAYED BY THE MASON.
- 4.10 ALL REINFORCED HOLLOW UNIT MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. WALLS AND CROSS WEBS IN ALL REINFORCED MASONRY WALLS SHALL BE FULLY BEDDED IN MORTAR. ALL HEAD (OR END) JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR FOR A DISTANCE IN FROM EACH FACE OF THE UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS, BOND SHALL BE PROVIDED BY LAPPING UNITS IN SUCCESSIVE VERTICAL COURSES.
- 4.11 PROVIDE VERTICAL CONTROL JOINTS WHERE SHOWN ON THE CONTRACT DRAWINGS.
- 4.12 SAMPLE AND TEST MASONRY MATERIAL IN ACCORDANCE WITH TMS 602-16, TABLE 3, QUALITY ASSURANCE LEVEL 2.
- 4.13 INSPECT MASONRY CONSTRUCTION IN ACCORDANCE WITH TMS 602-16, TABLE 4, QUALITY ASSURANCE LEVEL 2.
- 5.00 STRUCTURAL TIMBER:
- 5.01 MATERIALS:
- A. ALL TIMBER: KILN DRIED NO. 2 SOUTHERN PINE OR BETTER.
 - B. ALL TIMBER, EXPOSED TO WEATHER OR IN DIRECT CONTACT WITH CMU OR CONCRETE SHALL BE PRESSURE TREATED.
 - C. ALL METAL BASE PLATES, CAPS, BRACKETS, HANGERS AND BOLTS SHALL BE GALVANIZED OR STAINLESS STEEL.
 - D. ALL TIMBER CONNECTORS INDICATED ARE SIMPSON FASTENERS. EQUIVALENT FASTENERS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR REVIEW. ALL HOLES IN CONNECTORS SHALL BE FILLED WITH THE RECOMMENDED NUMBER OF FASTENERS. WHEN MULTIPLE CONNECTORS ARE RE USED, THEY MUST BE INSTALLED SO FASTENER LOCATIONS DO NOT OVERLAP. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
- 5.02 BOLTS: SHALL BE GALVANIZED ASTM F1554, A36, OR A307

- 5.03 FRAMING NOTES:
- A. TOP PLATES SHALL BE DOUBLE 2X6 NO. 2 SOUTHERN PINE AND LAP SPICED 4'-0" WITH 14-16 D NAILS. USE CONT.
 - B. EXTERIOR WALL SHEATHING SHALL BE EXTERIOR GRADE 1/2" NOMINAL APA SPAN RATED (24) PLYWOOD (15/32"). USE NAIL EDGE SPACING OF 4" AT PANEL EDGES AND 6" AT INTERMEDIATE SUPPORTS. USE 10Dx2-1/2" RING SHANK NAILS. PROVIDE 2 X 4 FLATWISE BLOCKING AT ALL HORIZONTAL JOINTS; ATTACH BLOCKING TO STUDS WITH 10D NAILS EACH END.
 - C. ROOF DECKING SHALL BE 5/8" NOMINAL APA SPAN RATED (24) PLYWOOD (19/32"). USE NAIL SPACING OF 4" AT PANEL EDGES AND 6" AT INTERMEDIATE SUPPORTS. USE 10Dx2-1/2" RING SHANK NAILS. ORIENT ROOF DECK SO LONG DIMENSION (SPAN DIRECTION) IS PERPENDICULAR TO ROOF TRUSSES. STAGGER VERTICAL JOINTS AND PROVIDE PLY-WOOD CLIPS EACH TRUSS BAY
 - D. WALL STUDS: 2X6 OR 2X4 NO. 2 SOUTHERN PINE @ 16" O.C., UNLESS NOTED OTHERWISE
 - E. BOTTOM PLATE: CONT. 2X6 NO. 2 SOUTHERN PINE
 - F. WHERE MULTIPLE PLATES ARE SHOWN, FASTEN EACH PLATE TOGETHER WITH (2) 16D NAILS AT 12" O.C.
 - G. WHERE MULTIPLE STUDS ARE SHOWN FOR STUD PACKS AND JAMB STUDS, FASTEN EACH STUD TOGETHER WITH (2) 16D NAILS AT 12" O.C.
 - H. WHERE BLOCKING BETWEEN TRUSSES OCCURS, ATTACH BLOCKING TO TOP PLATE WITH (4) 10D TOE-NAILS AND ATTACH BLOCKING TO TRUSS WITH (2) 10D NAILS EACH END.
 - I. ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE IN ACCORDANCE WITH THE FASTENING SCHEDULE IN THE FLORIDA BUILDING CODE, TABLE 2304.10.1.
- 5.04 BOLT HOLES SHALL BE AT LEAST A MINIMUM OF 1/32" AND NO MORE THAN A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
- 5.05 A FASTENER THAT SPLITS THE WOOD WILL NOT TAKE THE DESIGN LOAD. EVALUATE SPLITS TO DETERMINE IF THE CONNECTION WILL PERFORM AS REQUIRED. DRY WOOD MAY SPLIT MORE EASILY AND SHOULD BE EVALUATED AS REQUIRED. IF WOOD TENDS TO SPLIT, CONSIDER PRE-BORING HOLES WITH DIAMETERS NOT EXCEEDING 0.75 OF THE FASTENER DIAMETER.
- 5.06 WOOD SHRINKS AND EXPANDS AS IT LOSES AND GAINS MOISTURE, PARTICULARLY PERPENDICULAR TO GRAIN. TAKE WOOD SHRINKAGE AND EXPANSION INTO ACCOUNT WHEN INSTALLING CONNECTION. ALL FASTENERS HAVE BEEN DESIGNED USING DRY LUMBER DIMENSIONS.
- 5.07 SET ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. FIT ROUGH CARPENTRY TO OTHER CONSTRUCTION; SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT. LOCATE NAILERS, BLOCKING, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING OTHER CONSTRUCTION.
- 5.08 DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS, UNLESS OTHERWISE INDICATED.
- 5.09 SORT AND SELECT LUMBER SO THAT NATURAL CHARACTERISTICS WILL NOT INTERFERE WITH INSTALLATION OR WITH FASTENING OTHER MATERIALS TO LUMBER. DO NOT USE MATERIALS WITH DEFECTS THAT INTERFERE WITH FUNCTION OF MEMBER OR PIECES THAT ARE TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS OR OPTIMUM JOINT ARRANGEMENT.

WIND LOAD DETERMINATION ASSUMPTIONS - FLORIDA BUILDING CODE 2020					
WIND VELOCITY (MPH)	EXPOSURE CATEGORY	MEAN ROOF HEIGHT (FT.)	ROOF SLOPE	RISK CATEGORY	ENCLOSURE CATEGORY
151	B	15	6 ON 12	II	ENCLOSED

WIND ZONE PER ASCE 7-16	EFFECTIVE AREA									
	2 SF		10 SF		20 SF		50 SF		100 SF	
ROOF ZONE 1, 2e	25.1	-47.9	20.4	-47.9	18.4	-47.9	16.0	-41.2	16.0	-36.0
ROOF ZONE 2n, 2r, 3e	25.1	-76.4	20.4	-76.4	18.4	-66.9	16.0	-54.4	16.0	-44.9
ROOF ZONE 3r	25.1	-107.8	20.4	-89.2	18.4	-75.1	16.0	-56.5	16.0	-56.5
OVERHANG ZONE 1, 2e		-57.0		-57.0		-57.0		-55.1		-53.6
OVERHANG ZONE 2n, 2r		-85.5		-85.5		-79.7		-72.0		-66.1
OVERHANG ZONE 3e		-102.7		-102.7		-88.8		-70.5		-56.6
OVERHANG ZONE 3r		-134.0		-109.2		-90.4		-65.6		-65.6
WALL ZONE 4			33.6	-36.5	32.1	-35.0	30.1	-33.0	28.6	-31.5
WALL ZONE 5			33.6	-45.1	32.1	-42.0	30.1	-38.0	28.6	-35.0



- NOTES:
1. FOR EFFECTIVE AREAS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.
 2. THE EDGE STRIP, $a = 3.0$ FT.
 3. PRESSURES SHALL BE APPLIED IN ACCORDANCE WITH THE FIGURE SHOWN ON THIS SHEET.
 4. PRESSURES GIVEN ARE ULTIMATE LOADS TO BE USED WITH STRENGTH DESIGN. FOR SERVICE LOADS TO BE USED WITH ALLOWABLE STRESS DESIGN, MULTIPLY THE PRESSURES BY 0.60. SEE TABLES 2.3 AND 2.4 IN ASCE 7-16 FOR MORE INFORMATION ON LOAD COMBINATIONS.

REPRESENTATIVE DIAGRAM

FOUNDATION & SLAB-ON-GRADE PLAN LEGEND

- 4" SLAB** = 4" MINIMUM THICKNESS SLAB-ON-GRADE REINFORCED WITH A CONT. #5 BAR AND #4 "L-BAR" @ 48" AT SLAB EDGE (REFER TO WALL SECTIONS FOR DETAILS), AND WWF 6x6 W1.4xW1.4 WITH 2" CLR. POSITIVE SUPPORT FROM BOTTOM OF SLAB. SLAB SHALL BE PLACED OVER A VAPOR BARRIER AS INDICATED IN THE GENERAL NOTES
- S.C.J.** = SAWN CONTROL JOINT OR CONSTRUCTION JOINT; CONTRACTOR'S OPTION, UNLESS SPECIFICALLY CALLED OUT. LOCATE SAWN CONTROL JOINTS OR CONSTRUCTION JOINTS AS INDICATED ON THIS SHEET. SEE 3/S-300 FOR TYPICAL DETAILS.
-  = VERTICAL MASONRY CONTROL JOINT LOCATION. SEE 4/S-400 FOR TYPICAL DETAIL
- HD** = HOLD DOWN LOCATION; SEE DETAIL 1/S-402 FOR ATTACHMENT TO FOUNDATION.
- (4) SP** = QUAD STUD PACK TO RECEIVE LUS410 HANGAR; SEE 3/S-402 FOR CONNECTION DETAILS
-  = TOP OF FTG. ELEV.
-  = FOUNDATION STEP LOCATION; SEE 2/S-400 FOR TYPICAL DETAIL. STEP FOUNDATIONS AS REQUIRED TO MAINTAIN 2'-0" MINIMUM GRADE COVER OVER TOP OF FOUNDATION.
- R8x8** = ROUGH SAWN 8x8 WOOD POST W/ GALV. ABU88RZ POST BASE W/ (18) 0.162" DIA. x 3-1/2" NAILS & (2) 5/8 DIA. GALV. ANCHORS EMBEDDED 8" MIN.
-  = SLAB STEP-DOWN; COORDINATE W/ ARCH FOR DEPTH

NOTE: ADDITIONAL SLAB REINFORCEMENT REQUIRED AT ALL DOOR OPENINGS IN STUD WALLS; REFER TO DETAIL 1/S-400

WALL FRAMING AND WALL HOLD-DOWN LEGEND

WALL NAME	WALL FRAMING & SPACING	ANCHOR BOLT SIZE	ANCHOR BOLT EMBEDMENT	MAX ANCHOR BOLT SPACING	PLATE WASHER SIZE
W400	2x4 @ 16" O.C.	1/2" Ø	8"	24" O.C.	3x3x1/4" SLOTTED
W600	2x6 @ 16" O.C.	1/2" Ø	8"	24" O.C.	3x3x1/4" SLOTTED

TYPICAL EXTERIOR SPLIT-FACE CMU STEM WALL CONSTRUCTION

CMU FOUNDATION/RETAINING WALL (UP TO REF. EL: 0'-0")
 WALL HEIGHT = LESS THAN OR EQUAL 4'-0"
 8" NOMINAL FULLY GROUT FILLED SPLIT-FACE CMU WALL DETAILED AND REINFORCED WITH # 5 DOWELS @ 48" O.C. GROUTED IN CENTER OF CELL.

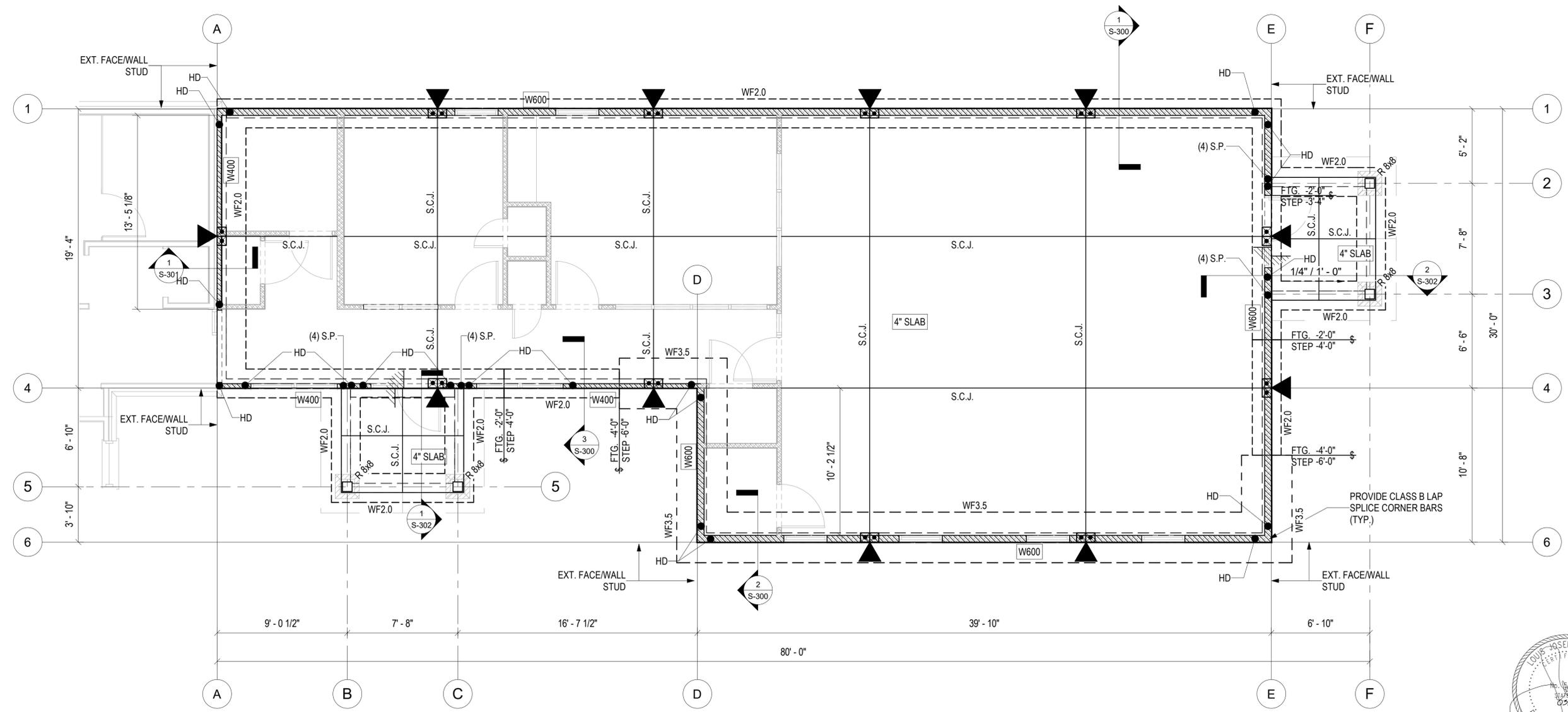
WALL HEIGHT = GREATER THAN 4'-0" AND UP TO 6'-0"
 8" NOMINAL FULLY GROUT FILLED SPLIT-FACE CMU WALL DETAILED AND REINFORCED WITH # 5 DOWELS @ 16" O.C. GROUTED IN CENTER OF CELL.

NOTE: EXTEND FOOTING DOWELS UP TO 1" CLR. TOP OF SLAB. HORIZONTAL JOINT REINFORCING SHALL BE PROVIDED ACCORDING TO GENERAL NOTE 4.07 ON SHEET S-002. REFER TO ARCH. FOR BITUMINOUS LAYER APPLICATION

FOUNDATION SCHEDULE

FOOTING TYPE	LENGTH	WIDTH	THICKNESS	TOP REINFORCING	BOTTOM REINFORCING
WF2.0	SEE PLAN	2' - 0"	1'-0"	-	#5 BARS @ 12" O.C. BOTH WAYS
WF3.5	SEE PLAN	3' - 6"	1'-0"	-	#5 BARS @ 12" O.C. BOTH WAYS

NOTE: TOP OF FOOTING -2'-0" UNLESS NOTED OTHERWISE



FOUNDATION & SLAB-ON-GRADE PLAN
 1/S-100 1/4" = 1'-0"
 T.O. SLAB REF. ELEV: 0'-0" U.N.O.; REF. EL: 0'-0"

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OF

ROOF FRAMING PLAN NOTES & LEGEND

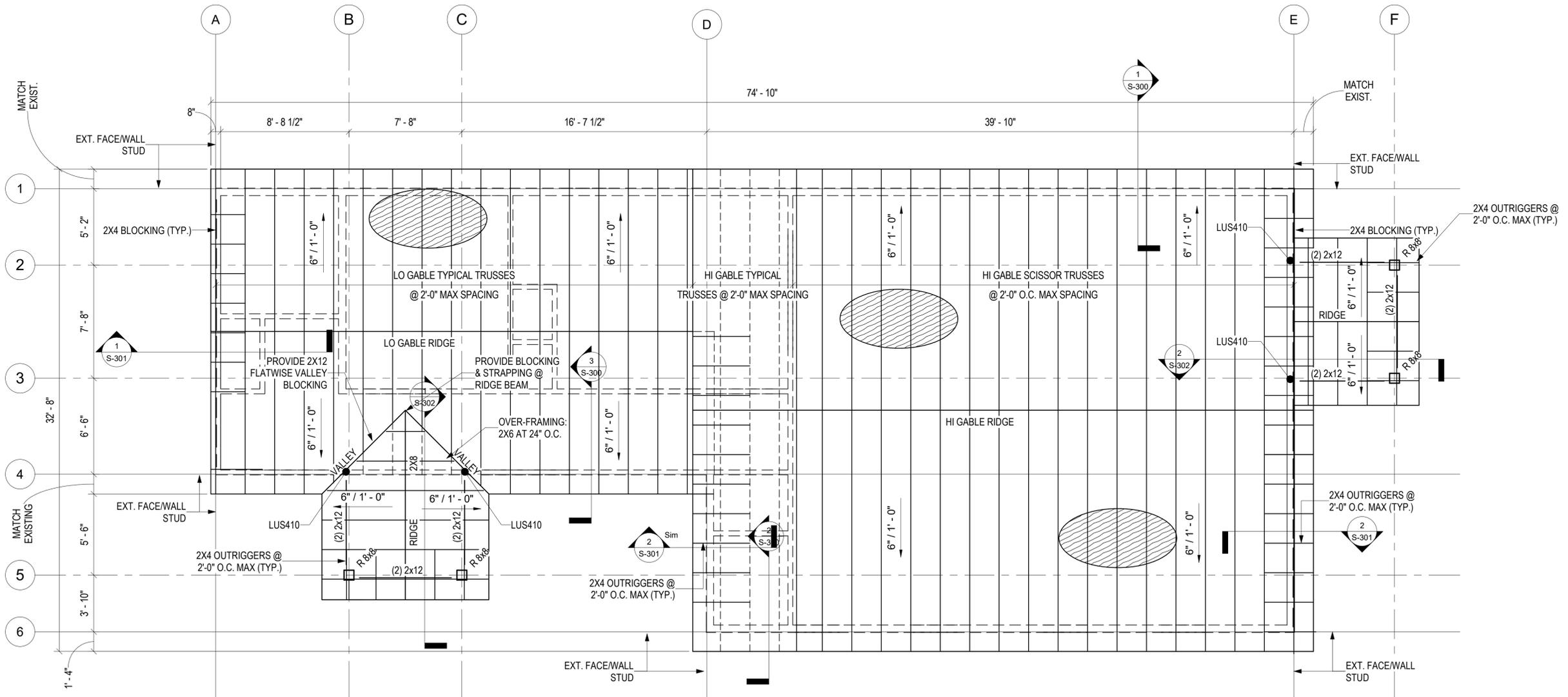
LEGEND

-  = 5/8" THICK APA SPAN RATED PLYWOOD OR OSB ROOF SHEATHING, FASTEN TO TRUSSES PER GENERAL NOTES
- (2) 2x12 = (2) PRESSURE-TREATED 2x12 WOOD BEAMS W/ 1/2" PLYWOOD FLITCH PLATE; REFER TO 3/S-402 FOR TYPICAL DETAILS
- LUS410 = SIMPSON LUS410 HANGAR TO RECEIVE (2) 2x12 BEAMS, FULLY FASTENED; QUAD STUD PACK BELOW

NOTE: OVERHANG SHALL MATCH EXISTING BUILDING AT BOTH MAIN AND PORCH, TYP.

TIMBER ROOF TRUSS MFR. NOTES:

1. PROVIDE TRUSSES AT 2'-0" O.C. MAX SPACING.
2. PROVIDE 2x4 BLOCKING AT ALL RIDGE LOCATIONS.
3. DESIGN AND DETAIL ALL TEMPORARY AND PERMANENT TRUSS BRACING BLOCKING AND BRIDGING.
4. PROVIDE ALL TRUSS TO TRUSS CONNECTIONS AND THEIR REQUIRED CONNECTORS.
5. PROVIDE 2X4 MINIMUM TRUSS TOP CHORD
6. TRUSS DESIGN AND SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA
7. INTERIOR WALLS ARE NON-LOAD BEARING



1 ROOF FRAMING PLAN
 1/4" = 1'-0"
 TRUSS BEARING REF. ELEV: 10'-0" U.N.O.

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NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 16608 DR. M.L.K. DRIVE
 PENSACOLA, FLORIDA 32501

- FLR. PLAN
 - LEGEND
 - NOTES

DATE: March, 11, 2021
 JOB NO.: 21-02
 REVISIONS:

DRAWN BY: JFB
 CHECK BY: JTG



S-110

OF

JDA JOE DEREUIL ASSOCIATES, LLC
 STRUCTURAL ENGINEERS
 STATE OF FLORIDA
 P.E. NO. 54319 / C.A. NO. 9615
 301 West Carver Street
 Pensacola, FL 32501
 Tel. 850.429.1961
 JDA JOB # 20207

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NEW BUILDING FOR THE:
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 16608 DR. M.L.K. DRIVE
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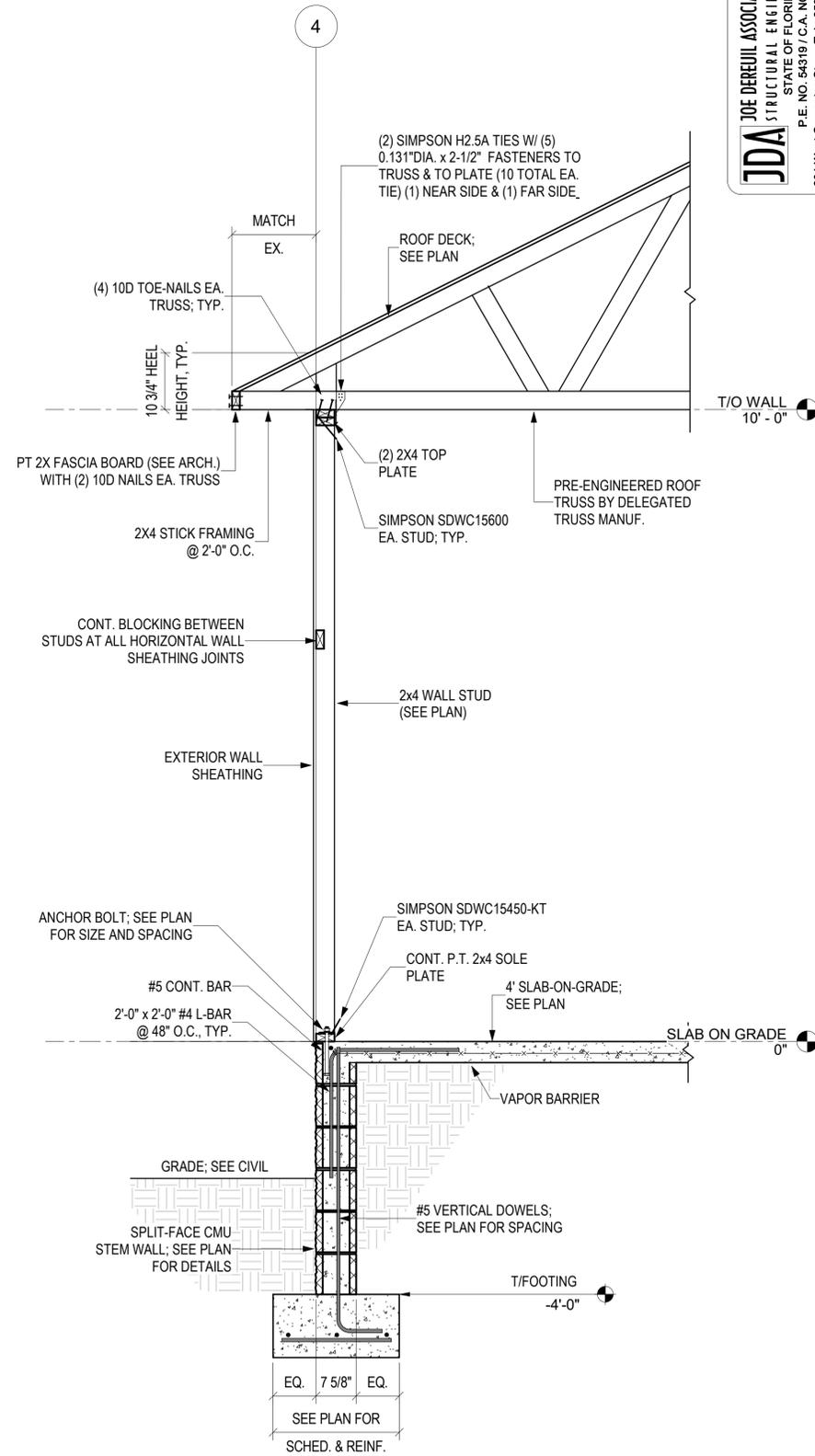
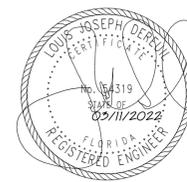
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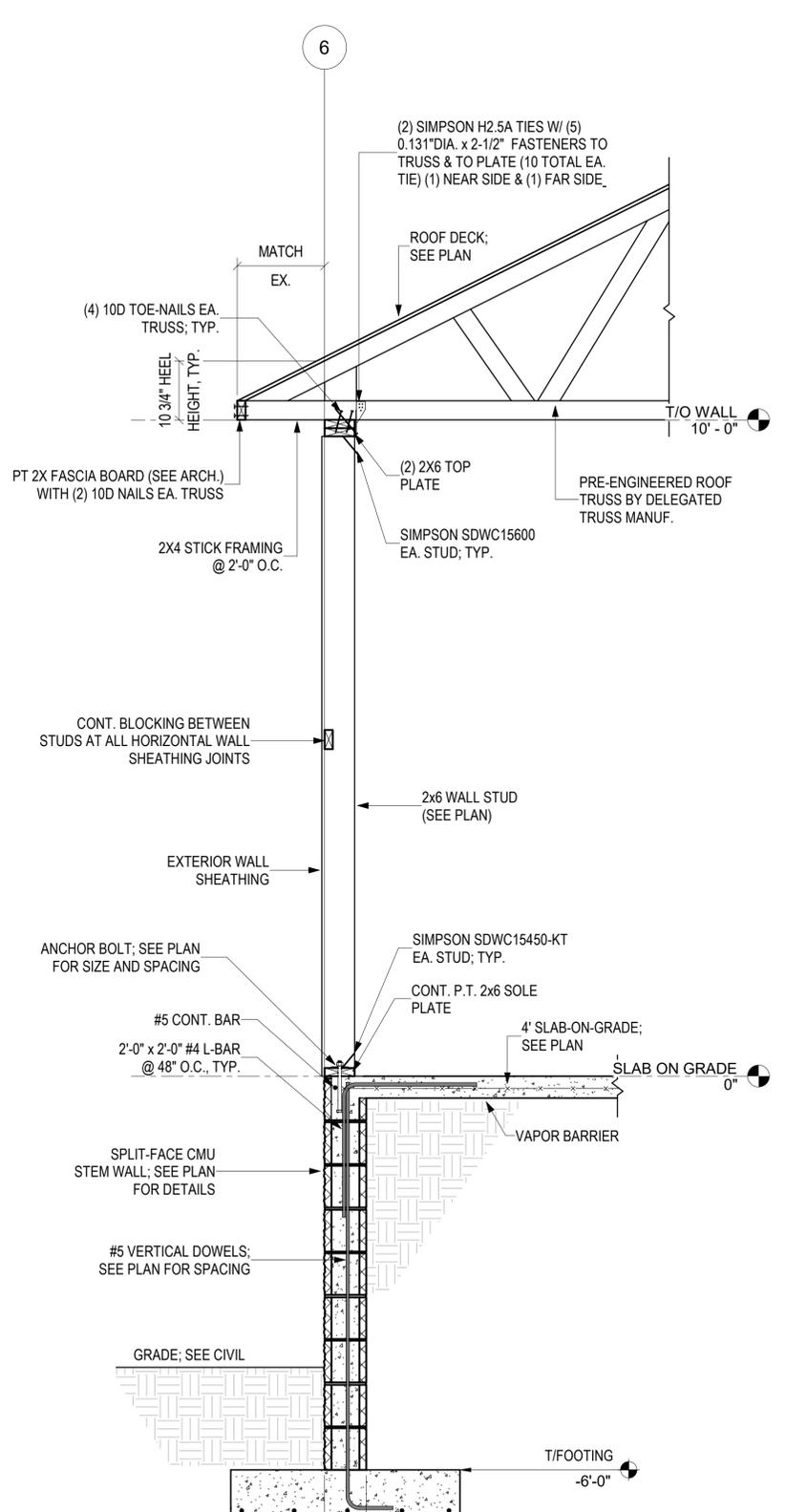
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S-300

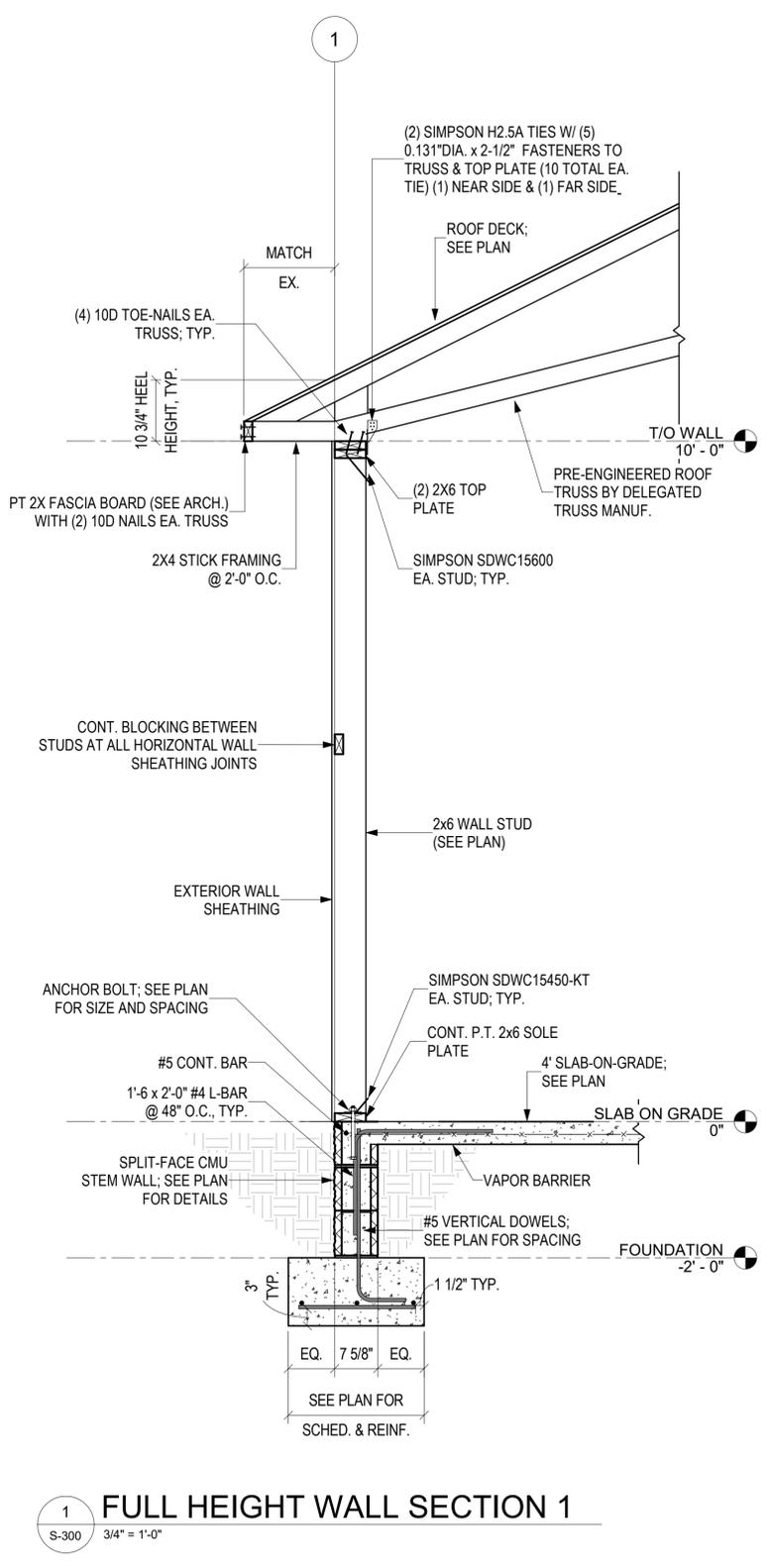
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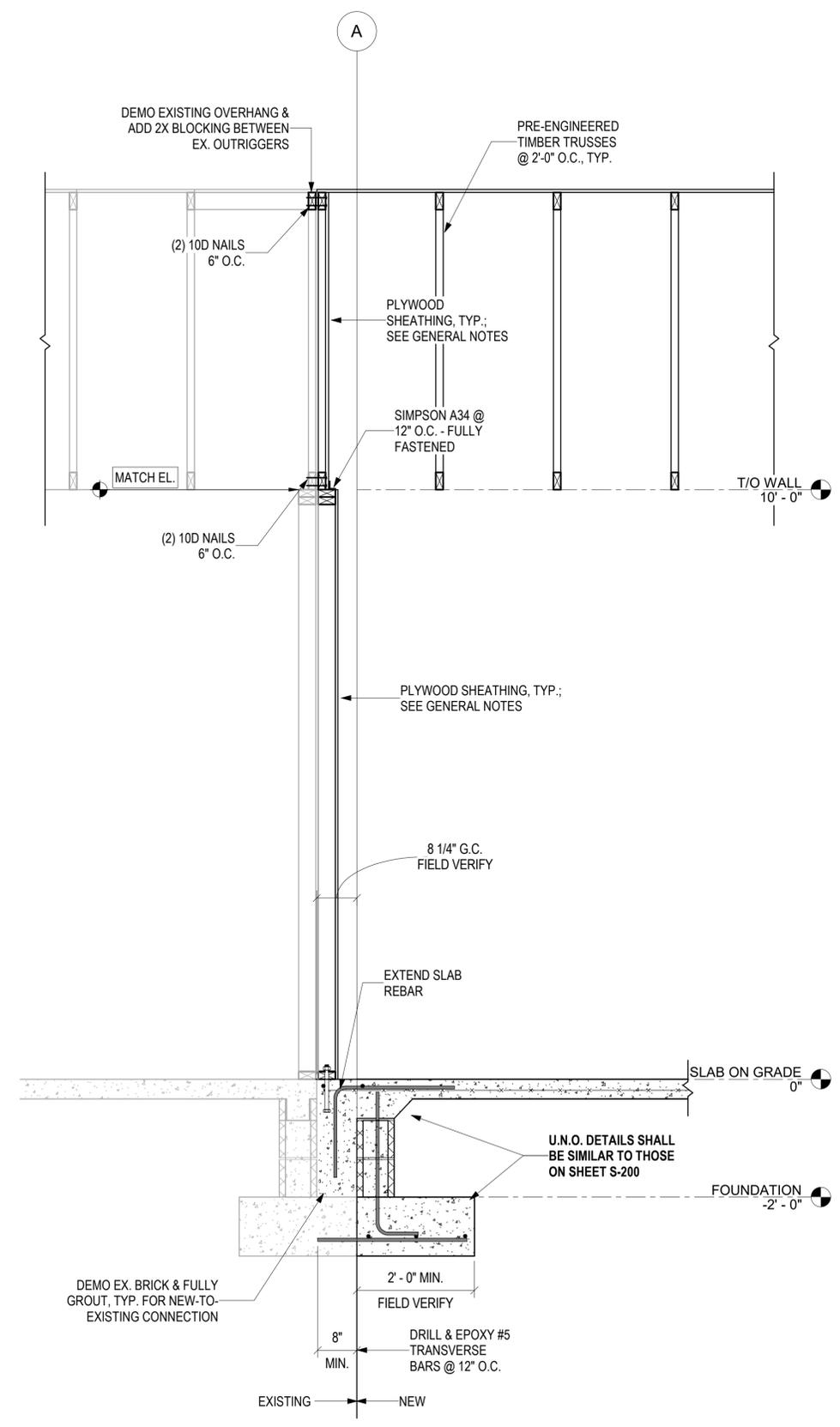
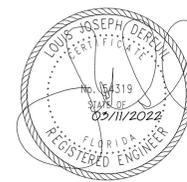
3 FULL HEIGHT WALL SECTION 3
 S-300 3/4" = 1'-0"



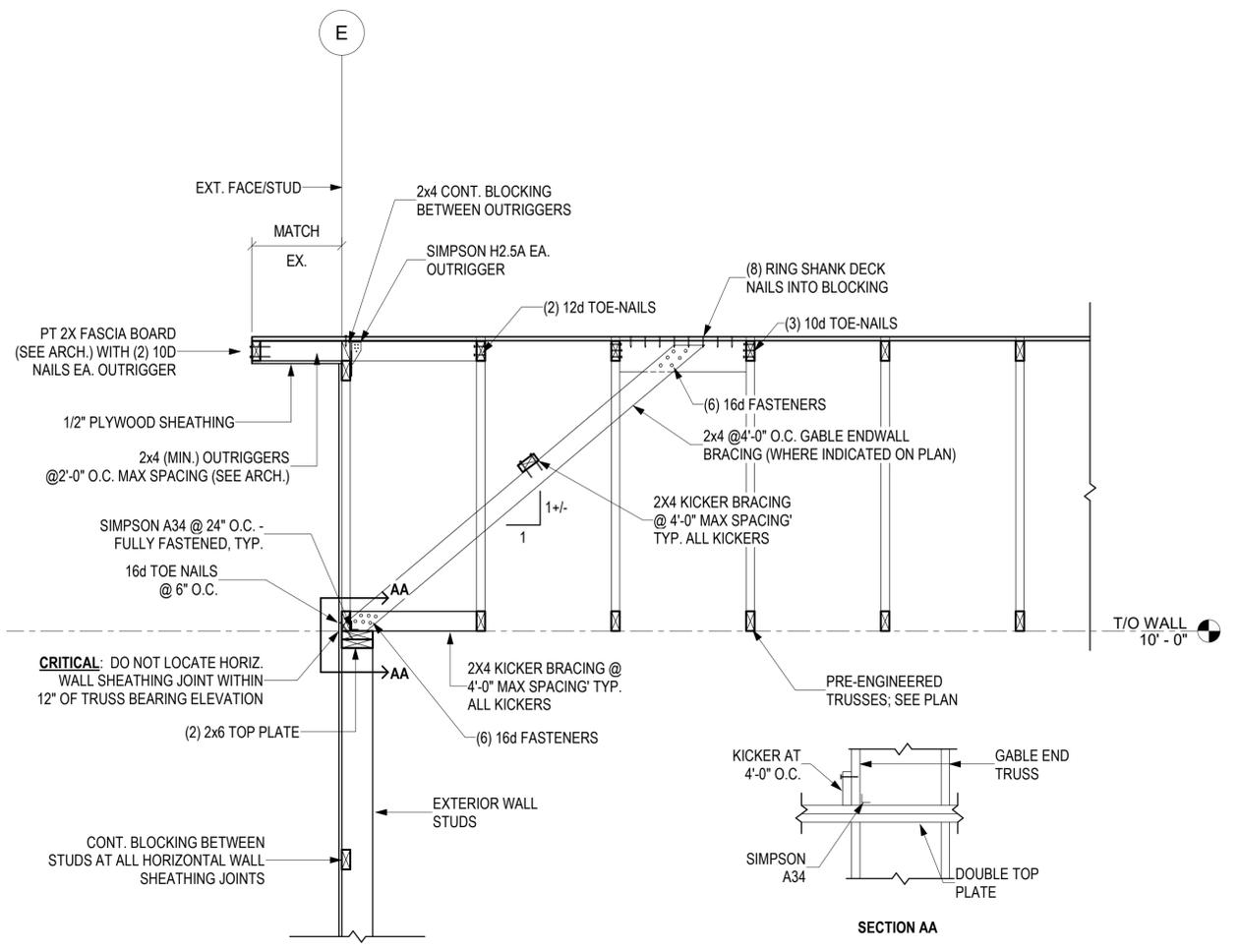
2 FULL HEIGHT WALL SECTION 2
 S-300 3/4" = 1'-0"



1 FULL HEIGHT WALL SECTION 1
 S-300 3/4" = 1'-0"



1 GABLE END WALL NEW-TO-EXISTING CONNECTION
 S-301 3/4" = 1'-0"



2 TYPICAL GABLE END WALL DETAIL
 S-301 3/4" = 1'-0"

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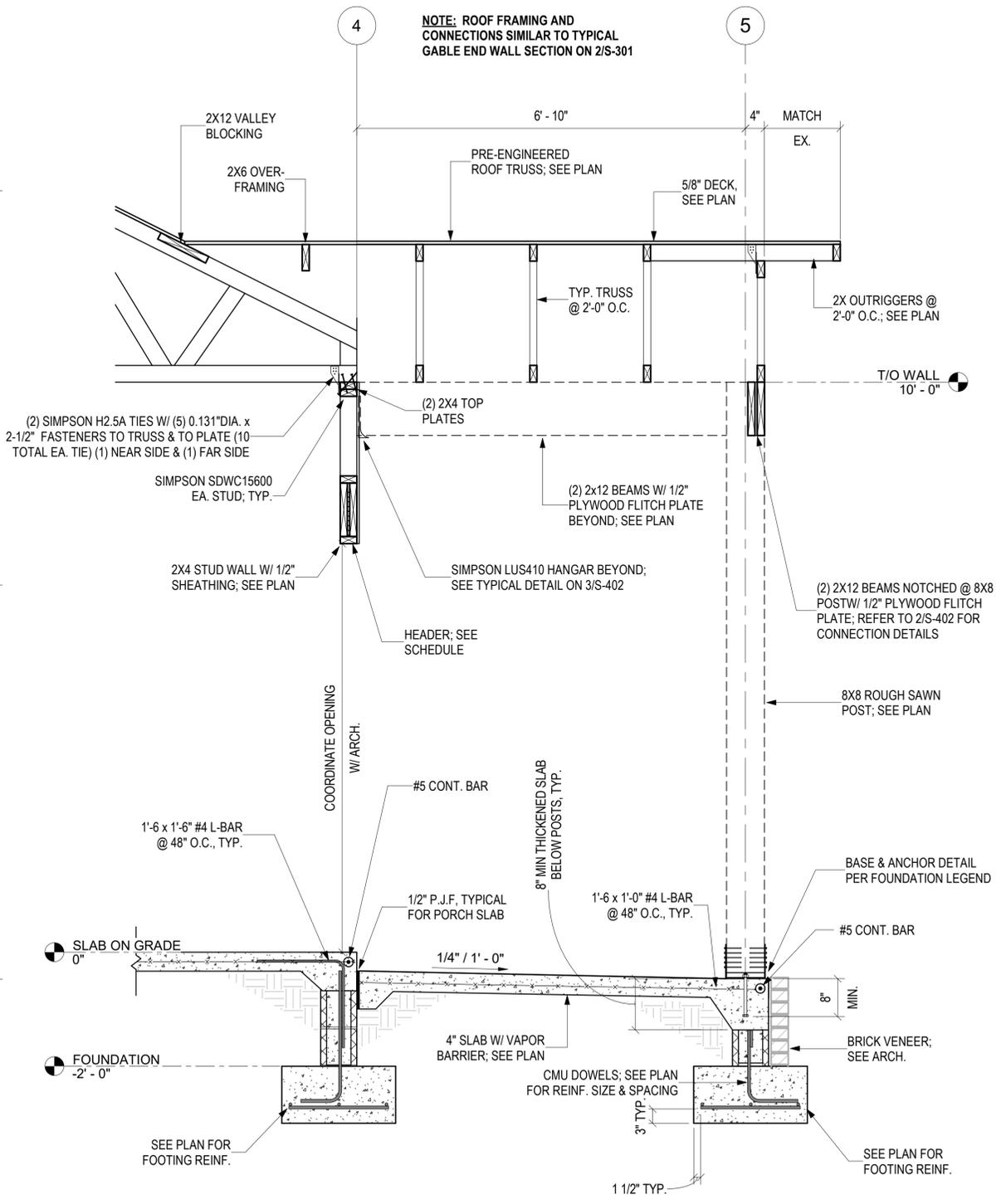
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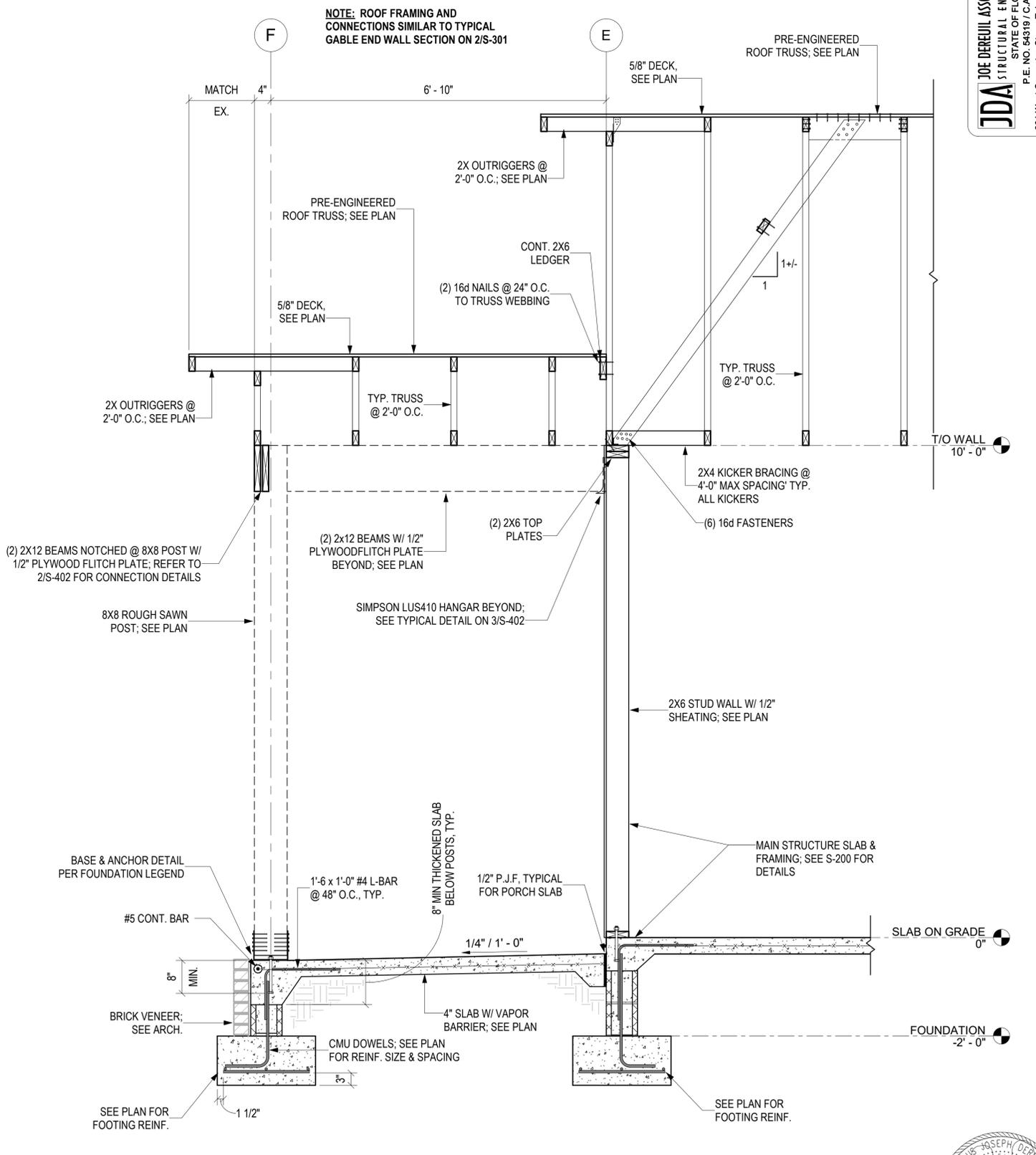


S-302

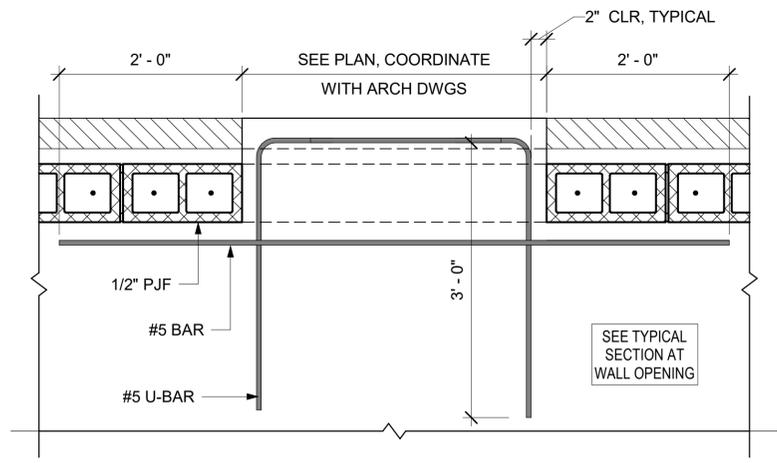
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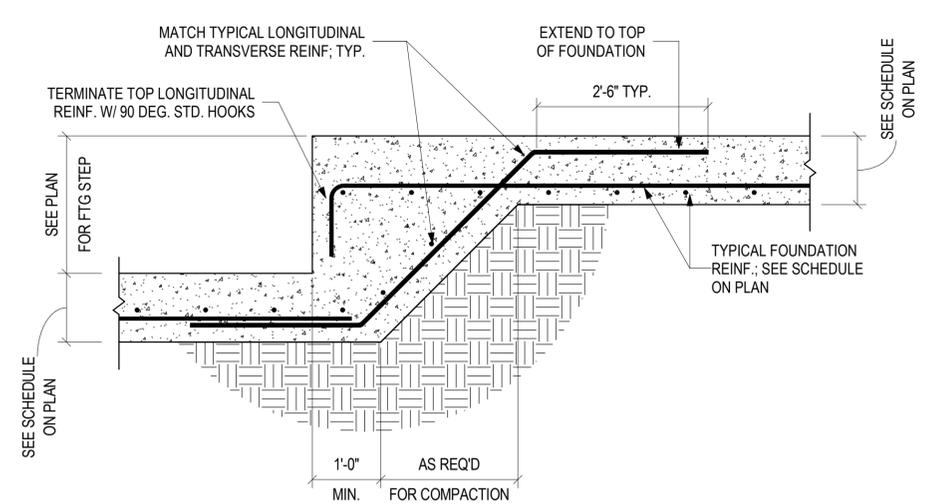
1 PORCH SECTION @ SOUTH END
 S-302 3/4" = 1'-0"



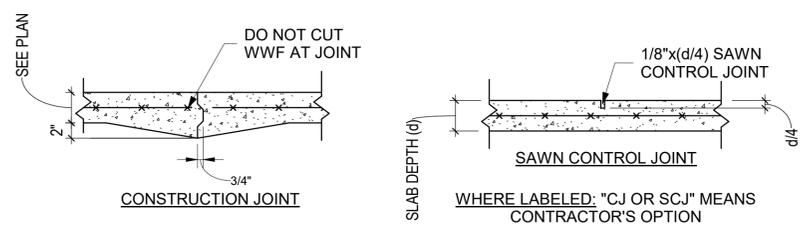
2 PORCH SECTION @ EAST GABLE END
 S-302 3/4" = 1'-0"



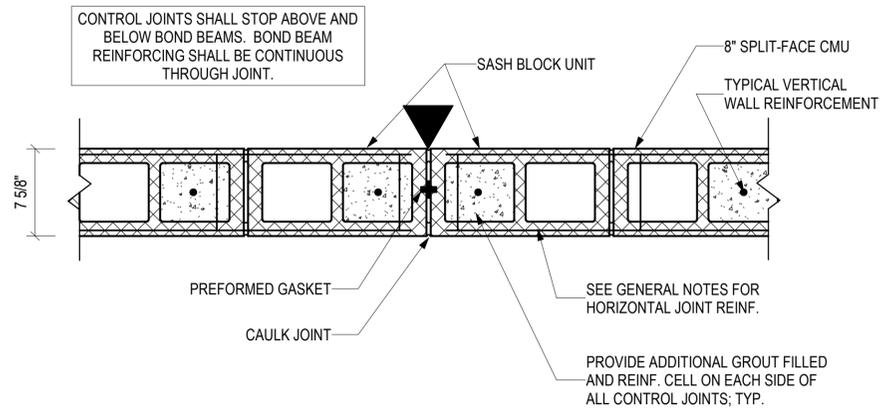
1 S.O.G. - ADD. REINFORCEMENT AT WALL OPENING
S-400 1" = 1'-0"



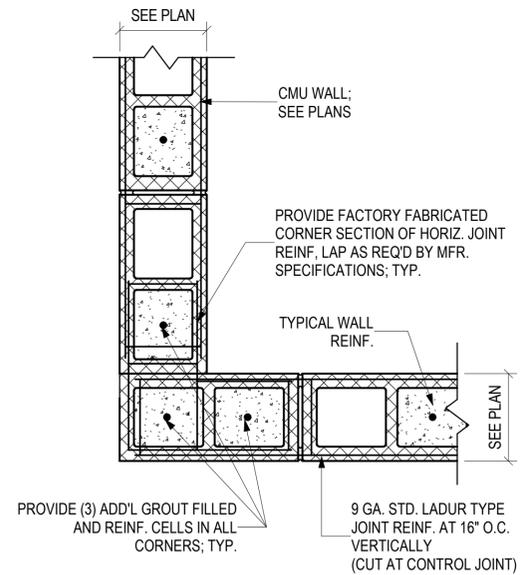
2 FNDN - FOUNDATION STEP DETAIL
S-400 3/4" = 1'-0"



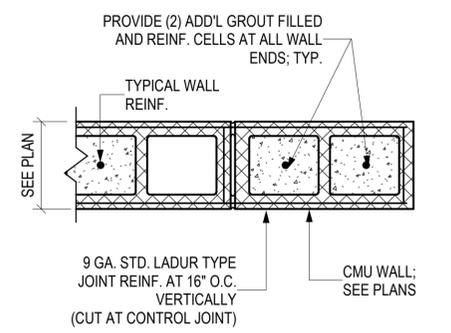
3 S.O.G. - TYPICAL DETAILS
S-400 1" = 1'-0"



4 CMU - VMCJ DETAIL
S-400 1 1/2" = 1'-0"



5 CMU - TYPICAL REINFORCING
S-400 1 1/2" = 1'-0"



TYPICAL CMU WALL END DETAIL, U.N.O.

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16608 DR. M.L.K. DRIVE
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S-400

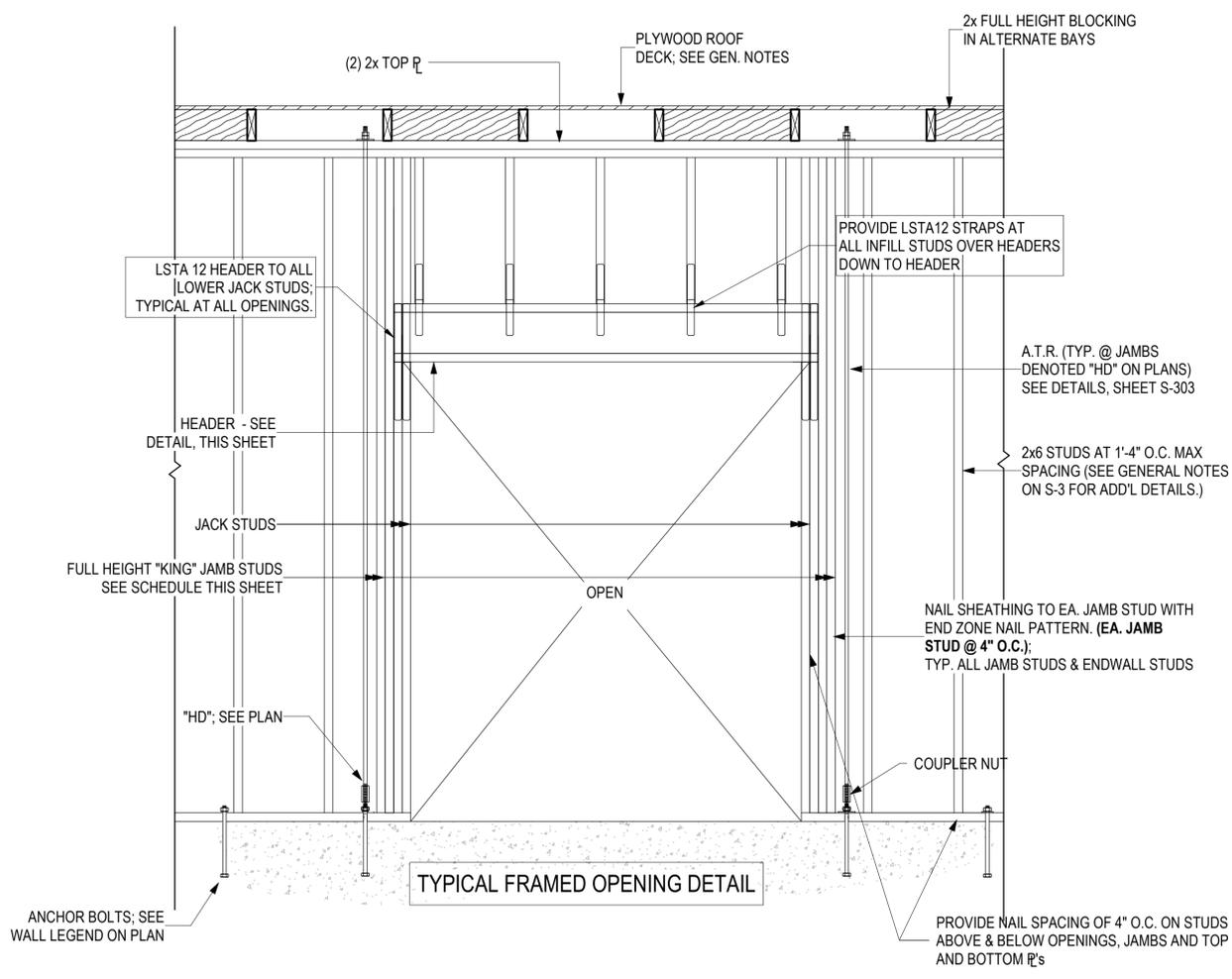
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LOAD-BEARING AND EXTERIOR WALL OPENING HEADER/JAMB SCHEDULE: 2X6 STUD WALLS

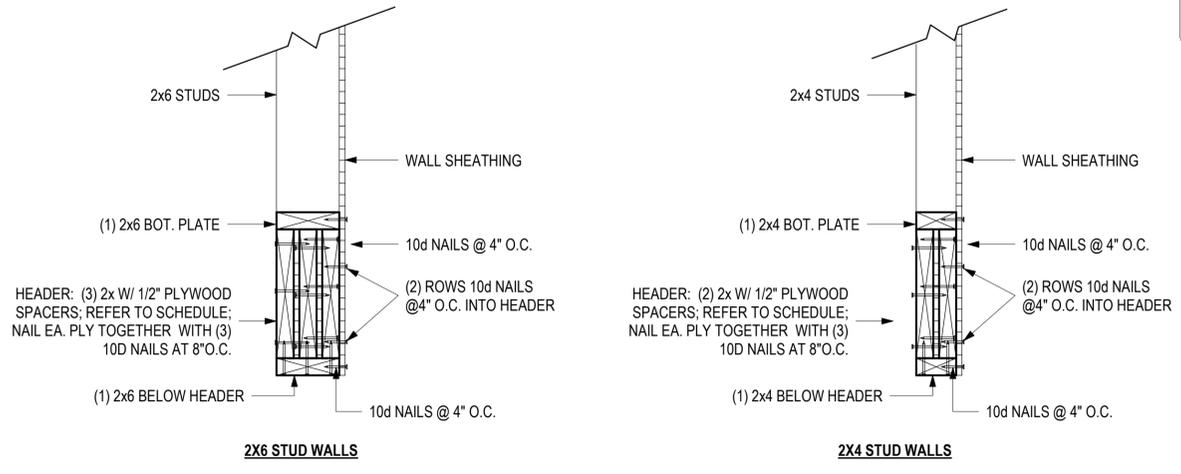
OPENING WIDTH	JACK STUDS, E.S.	KING STUDS, E.S.	HEADER
w ≤ 3'-4"	(1) 2x6	(2) 2x6	(3) 2x12
3'-4" < w ≤ 8'-0"	(2) 2x6	(2) 2x6	(3) 2x12

LOAD-BEARING AND EXTERIOR WALL OPENING HEADER/JAMB SCHEDULE: 2X4 STUD WALLS

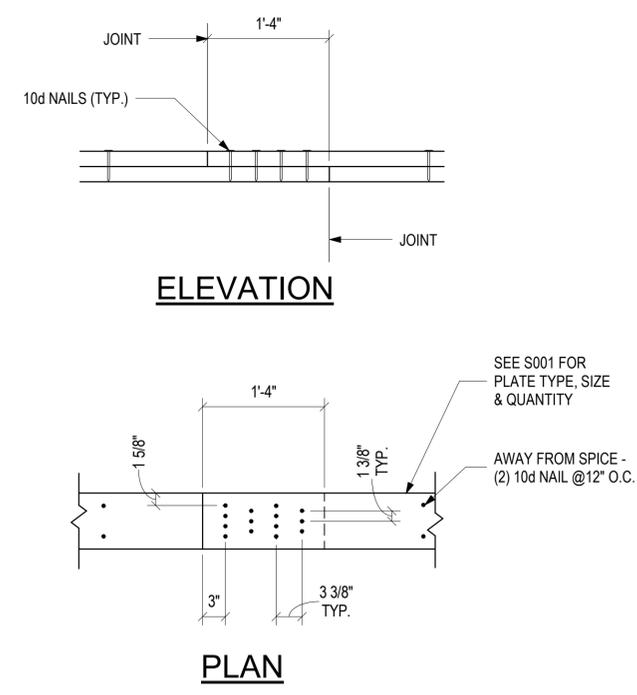
OPENING WIDTH	JACK STUDS, E.S.	KING STUDS, E.S.	HEADER
w ≤ 3'-4"	(1) 2x4	(2) 2x4	(2) 2x12
3'-4" < w ≤ 8'-0"	(2) 2x4	(2) 2x4	(2) 2x12



1 TYPICAL EXTERIOR WALL OPENING DETAILS
 S-401 3/4" = 1'-0"

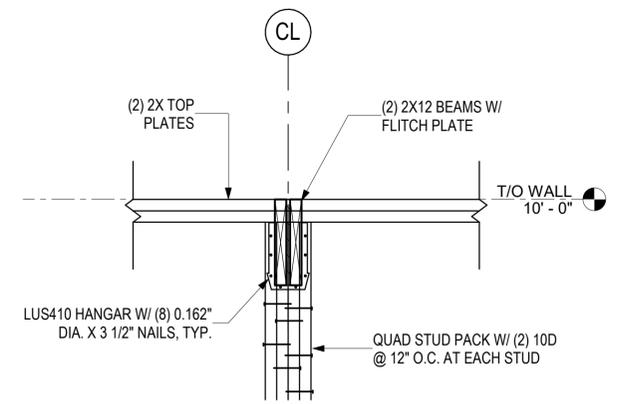
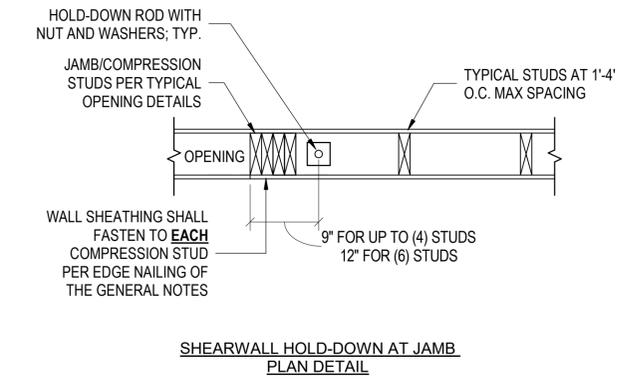
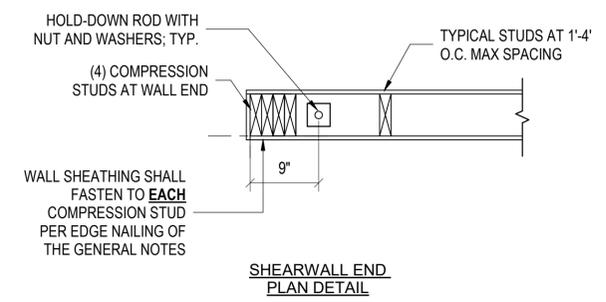
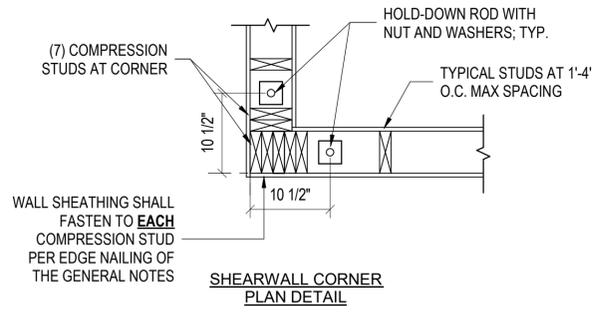
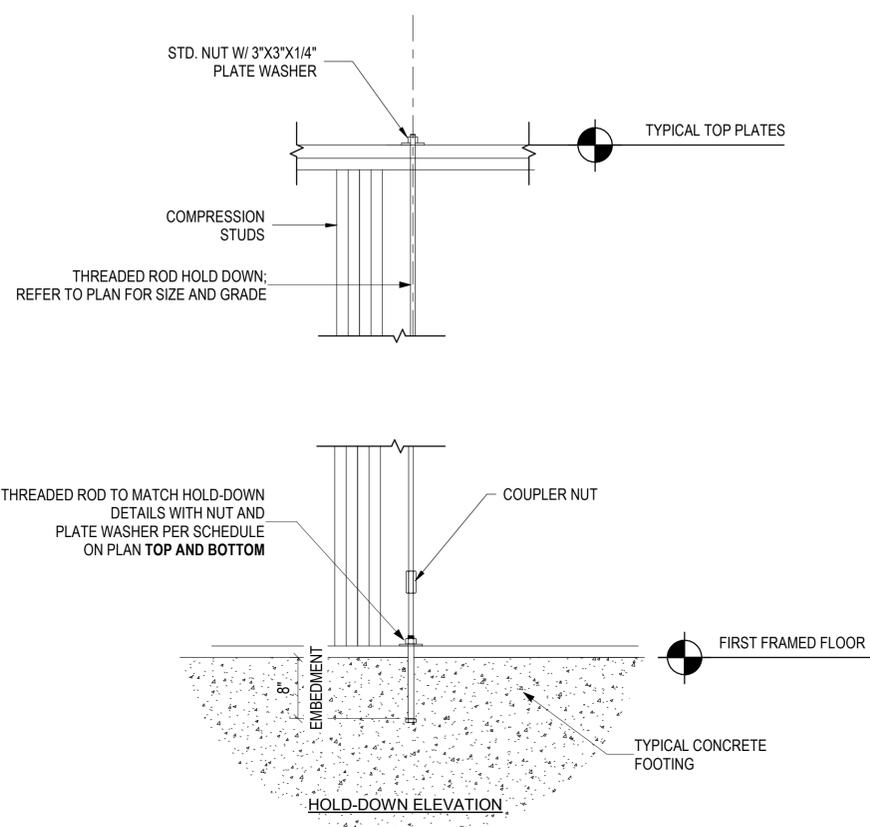
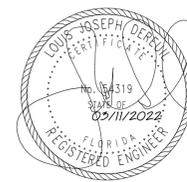


2 TYPICAL WOOD FRAMED HEADER DETAIL
 S-401 1 1/2" = 1'-0"



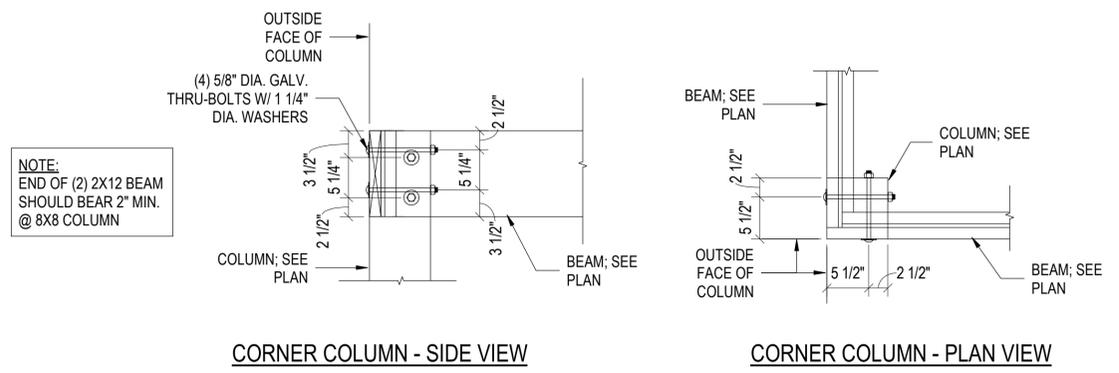
3 DETAIL - WALL TOP PLATE SPLICE
 S-401 1" = 1'-0"





1 SHEARWALL HOLD-DOWN DETAILS
 S-402 1" = 1'-0"

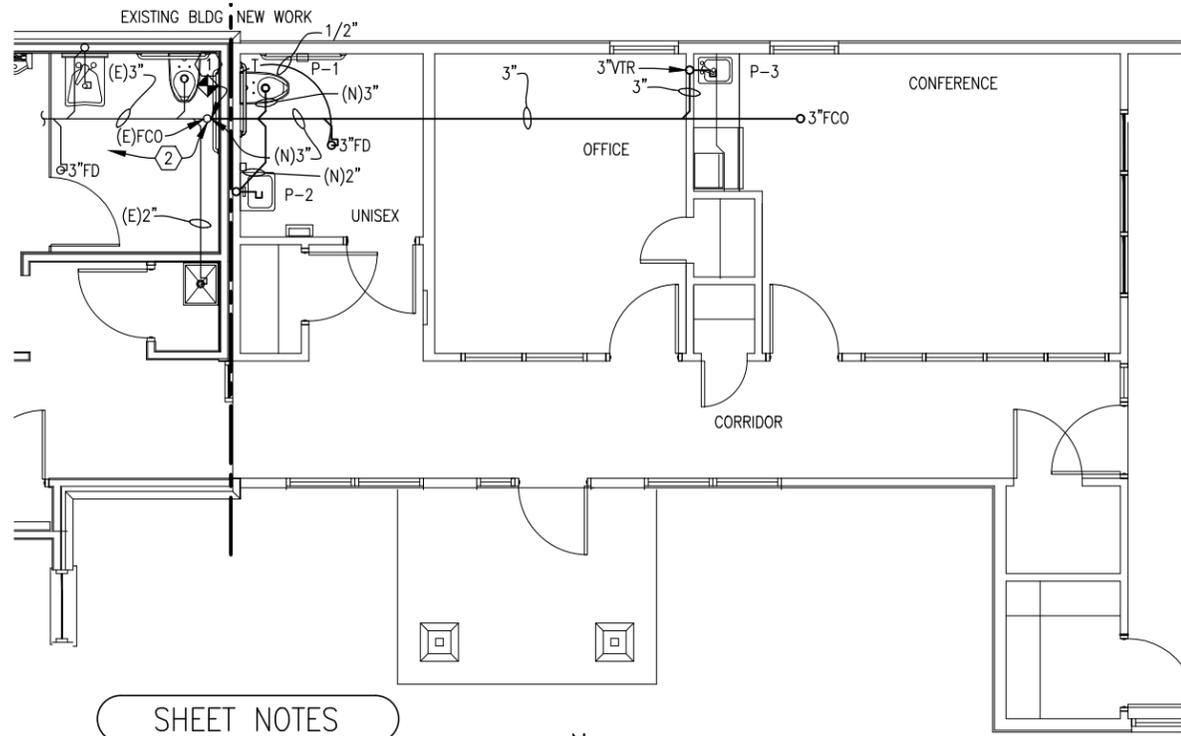
3 TYPICAL (2) 2X12 & HANGAR CONNECTION DETAILS
 S-402 1" = 1'-0"



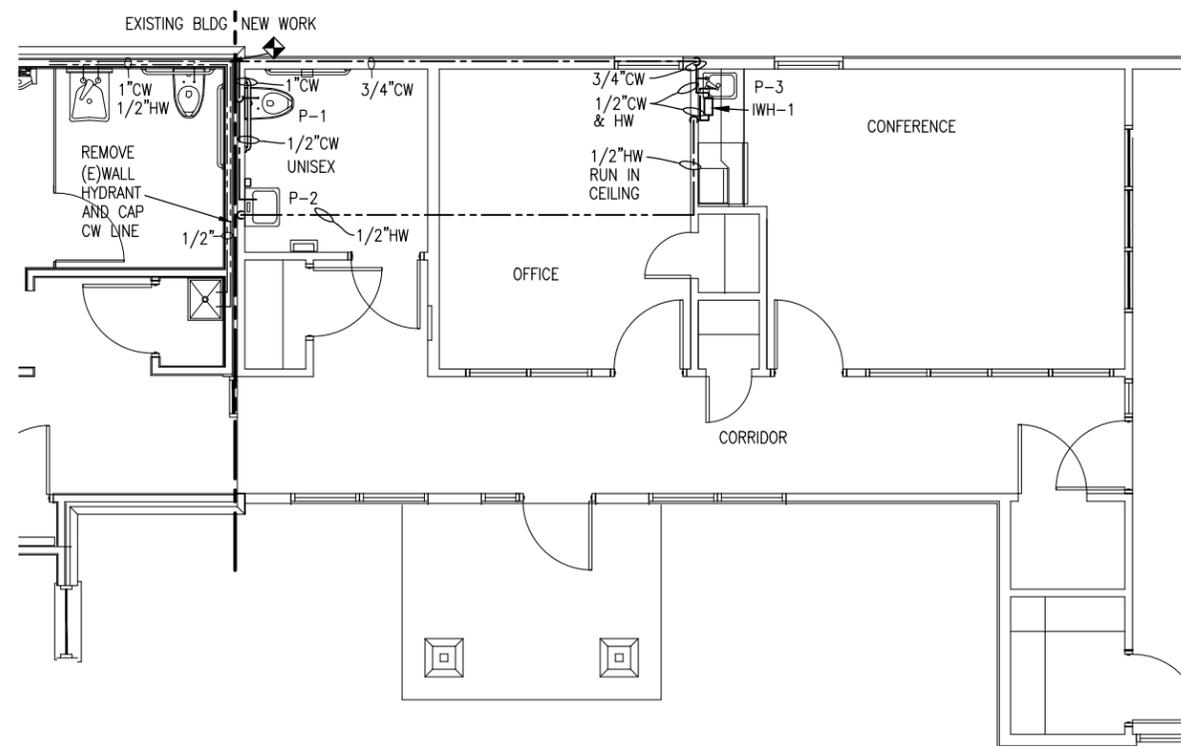
2 TYPICAL 8X8 W/ (2) 2X12 CONNECTION DETAILS
 S-402 1" = 1'-0"

NOTE:
 END OF (2) 2X12 BEAM SHOULD BEAR 2" MIN. @ 8X8 COLUMN

D:\PROJECT\2021\121167 Chappie James Project\DWG\Plumbing\21167 P-101.dwg, Layout1, 3/18/2022 12:22:35 PM, joiner



PLUMBING PLAN - WASTE
SCALE: 1/4" = 1'-0"



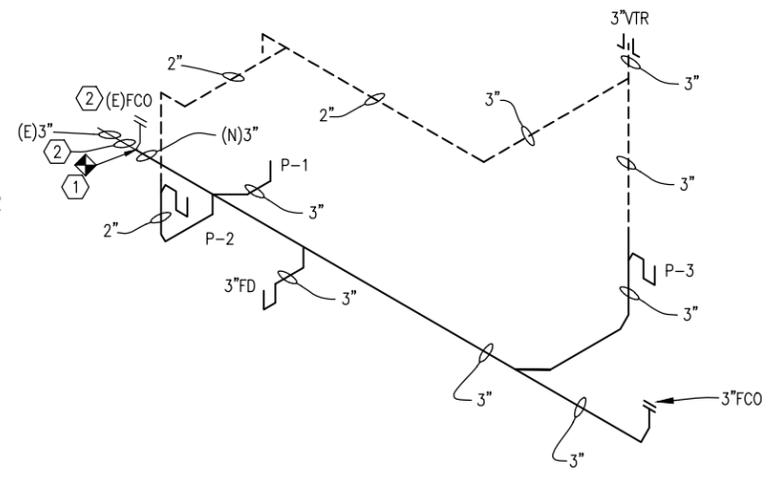
PLUMBING PLAN - WATER
SCALE: 1/4" = 1'-0"

FIXTURE CONNECTION SCHEDULE					
MARK	DESCRIPTION	WASTE	CW	HW	REMARKS
P-1	WATER CLOSET (ADA)	3"	1"	--	FLOOR MOUNTED VITREOUS CHINA FOR ADA HEIGHT AT 1.28 GPF
P-2	LAVATORY (ADA)	1-1/4"	1/2"	--	WALL HUNG VITREOUS CHINA MOUNTED @ ADA HEIGHT WITH SINGLE LEVER FAUCET AT 0.5 GPM
P-3	BREAKROOM SINK	1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT STAINLESS STEEL WITH GOOSENECK SWING SPOUT FAUCET
FD	FLOOR DRAIN	3"	--	--	PROVIDE WITH TRAP PRIMER

(ADA) DENOTES FIXTURES TO BE MANUFACTURED AND MOUNTED FOR AMERICANS WITH DISABILITIES ACT. INSULATE SUPPLIES AND P-TRAP.

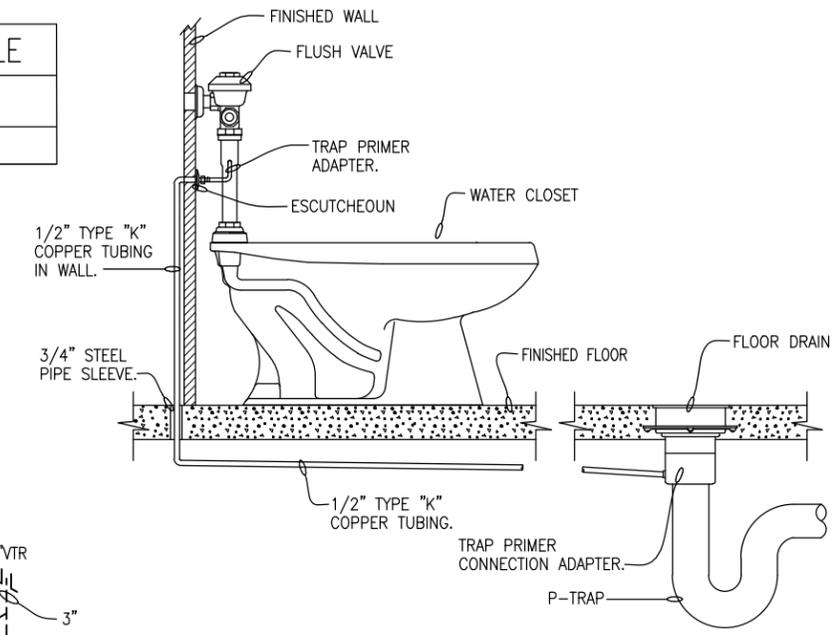
INSTANTANEOUS WATER HEATER SCHEDULE					
MARK	ELECTRICAL DATA				REMARKS: BASIS OF DESIGN
	VOLTS	PHASE	Hz	KW	
IWH-1 *	208	1	60	3	EEMAX: EX3208T ML

* INSTANTANEOUS WATER HEATER MOUNTED BELOW SINK AS SHOWN ON PLAN

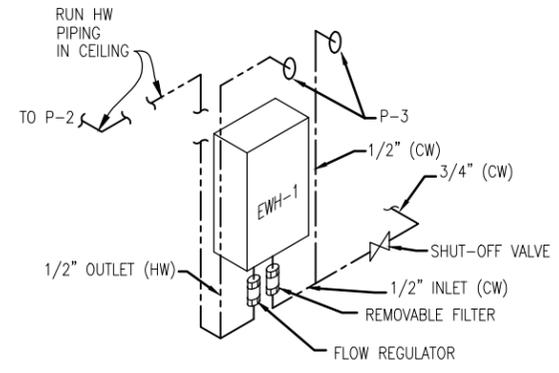


WASTE AND VENT RISER DIAGRAM
NOT TO SCALE

- LEGEND:**
- SOIL OR WASTE PIPING
 - - - VENT PIPING
 - - - COLD WATER PIPING
 - - - HOT WATER PIPING
 - - - TRAP PRIME PIPING
 - IWH INSTANTANEOUS WATER HEATER
 - FD FLOOR DRAIN
 - WH WALL HYDRANT
 - FCO FLOOR CLEANOUT
 - VTR VENT THRU ROOF
 - CW COLD WATER
 - HW HOT WATER
 - (E) EXISTING
 - (N) NEW



TRAP PRIMER INSTALLATION DETAIL
NOT TO SCALE



INSTANTANEOUS WATER HEATER CONNECTION DETAIL
NOT TO SCALE

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LICENSED PROFESSIONAL ARCHITECT AND REGISTERED PROFESSIONAL ENGINEER

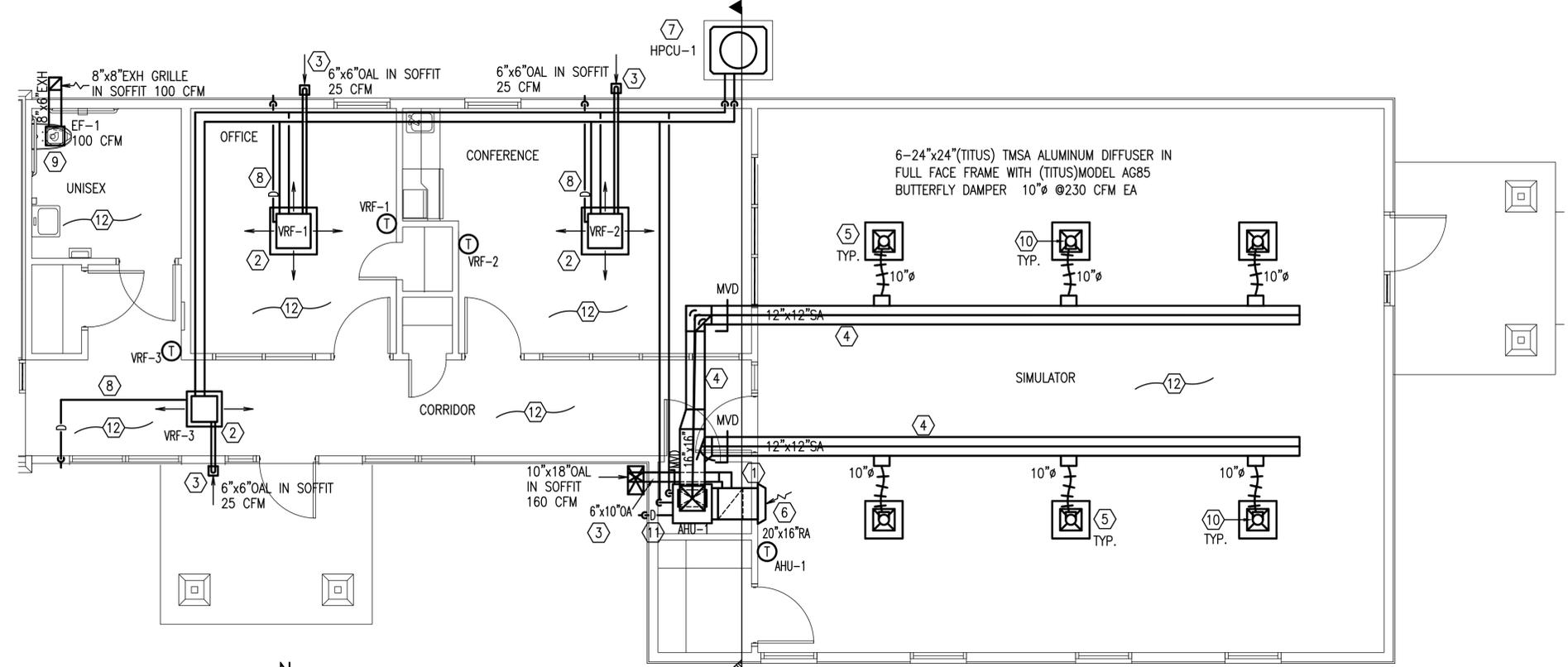
PHASE 2
NEW BUILDING FOR THE:
CHAPPIE JAMES FLIGHT ACADEMY
1608 DR. MLK JR. DRIVE
PENSACOLA, FLORIDA 32501

PLUMBING PLAN - WASTE AND WATER
DATE: 28 JAN 2022
JOB NO.: 21-02
REVISIONS:
DRAWN BY: CAJ
CHECK BY: GDP

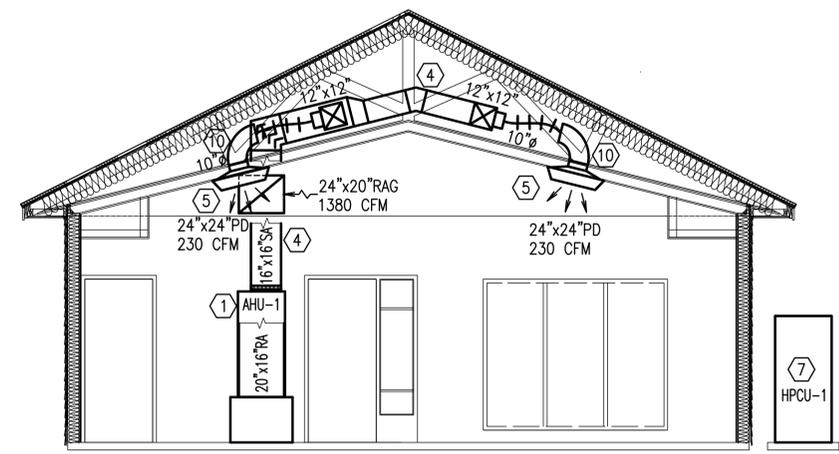
P101
XX OF XX

SHEET NOTES

- ① PROVIDE AND PLACE NEW AHU-1 IN MECHANICAL CLOSET AS SHOWN.
- ② PROVIDE AND PLACE NEW VRF-1, VRF-2 AND VRF-3 CASSETTE UNITS IN CEILING AS INDICATED.
- ③ PROVIDE AND PLACE NEW OUTSIDE AIR DUCT WITH SOFFIT CAPS AS SHOWN, CONNECT TO VRF'S AND AHU-1 TO PROVIDE OUTSIDE AIR TO SPACES.
- ④ PROVIDE AND PLACE NEW SUPPLY AIR DUCT AS SHOWN, FIELD ROUTE IN ATTIC SPACE TO CLEAR ALL TRUSSES AND SUPPORT ITEMS.
- ⑤ PROVIDE AND PLACE NEW PANEL DIFFUSERS WITH SPIN-IN TAPS AND FLEX DUCT IN SIMULATOR SPACE. BALANCE TO VALUES SHOWN USING MANUAL VOLUME DAMPER IN DIFFUSER, SEE DETAIL.
- ⑥ PROVIDE AND PLACE RETURN AIR DUCT AND RETURN AIR GRILLE AS SHOWN.
- ⑦ PROVIDE AND PLACE NEW HPCU-1 ON HOUSEKEEPING PAD AS SHOWN. ROUTE REFRIGERANT LINES IN ATTIC TO EACH VRF AND AHU AS INDICATED.
- ⑧ PROVIDE AND PLACE NEW CONDENSATE DRAIN LINES AS INDICATED, TURN DOWN IN OUTSIDE WALL TO SPILL ON GRADE.
- ⑨ PROVIDE AND PLACE NEW EXHAUST FAN, EF-1 IN UNISEX SPACE AS SHOWN, ROUTE DUCT TO SOFFIT CAP. SEE DETAIL.
- ⑩ PROVIDE HARD DUCT 90° ELBOW AT EACH DIFFUSER WITH TRANSITION TO FLEX, SEE DETAIL.
- ⑪ PROVIDE P-TRAP IN CONDENSATE DRAIN FROM AHU-1.
- ⑫ FIRE PROTECTION SPRINKLER SYSTEM TO BE DESIGNED AND INSTALL FPE CONTRACTOR.



MECHANICAL NEW WORK PLAN
SCALE: 1/4" = 1'-0"

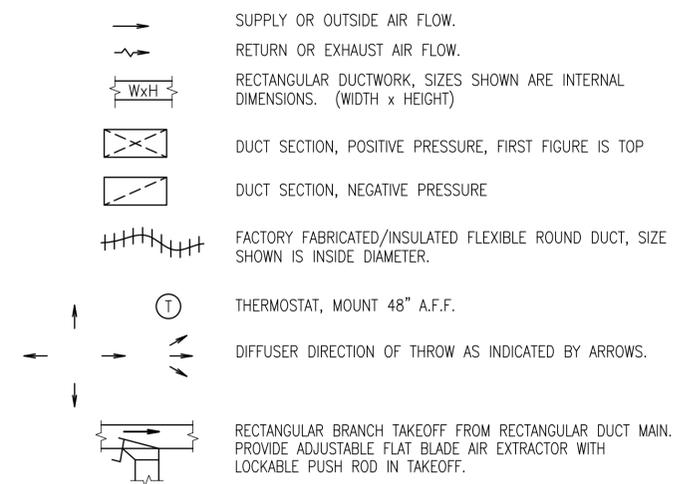


MECHANICAL NEW WORK SECTION A
SCALE: 1/4" = 1'-0"

ABBREVIATIONS

AHU	AIR HANDLING UNIT
CFM	CUBIC FEET PER MINUTE
COND	CONDENSATE
EF	EXHAUST FAN
EXH	EXHAUST
MVD	MANUAL VOLUME DAMPER
OA	OUTSIDE AIR
RA	RETURN AIR
RAG	RETURN AIR GRILLE
TYP	TYPICAL
VRF	VARIABLE REFRIGERANT FLOW

LEGEND



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PHASE 2
NEW BUILDING FOR THE:
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PENSACOLA, FLORIDA 32501

MECHANICAL NEW WORK PLAN
DATE: 11 MAR 2022
JOB NO.: 21-02
REVISIONS:
DRAWN BY: JSV
CHECK BY: GDP



PETERSON ENGINEERING INC.

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P.E.I. JOB# 21167

M101
OF XX

AIR HANDLING UNIT SCHEDULE																
MARK	TYPE	FAN DATA				ELECTRICAL DATA			MAX. FACE VEL.		TOT. COOLING CAP.		FILTER DATA		REMARKS	BASIS OF DESIGN
		SUPPLY AIR CFM	OUTSIDE AIR CFM	EXTERNAL STATIC PRESSURE INCHES H ₂ O	FAN MOTOR HORSEPOWER	VOLTS	PHASE	HERTZ	FPM	MBTU/HR	FPM	TYPE	THICK			
AHU-1	VDT	1380	160	.3	-	208	1	60	500	48	500	T/A	2"	BELOW	LG ARNU483NFA4	

NOTES:
 VBT - VERTICAL BLOW THRU
 VDT - VERTICAL DRAW THRU

CONDENSING UNIT SCHEDULE													
MARK	DESIGN COOLING		DESIGN HEATING		REF TYPE	COMPRESSORS/FANS (2)		UNIT MCA	ELECTRICAL			NOTES	BASIS OF DESIGN
	TOTAL MBTU/HR	AMBIENT °F	TOTAL MBTU/HR	AMBIENT °F		NO.	AMPS EACH		VOLTS	PHASE	Hz		
HPCU-1	72	94	81	23	R-410A	1	-	22.6	208/230	1	60		LG ARUM072BTE5

VRF AC SYSTEM SCHEDULE											
UNIT #	INDOOR	COOLING	HEATING	REF. TYPE	ELECTRICAL				FILTER DATA	UNIT TYPE	BASIS OF DESIGN
	AIR FLOW RATE H/M/L (CFM)	TOTAL MBTU/HR	TOTAL MBTU/HR		VOLTS	PHASE	Hz	BLOWER MCA AMPS			
VRF-1	280/265/251	9.6	10.9	R410A	208	1	60	-	WASHABLE	CEILING MOUNTED	LG ARNU093TRD4
VRF-2	280/265/251	9.6	10.9	R410A	208	1	60	-	WASHABLE	CEILING MOUNTED	LG ARNU093TRD4
VRF-3	265/247/212	5.5	6.1	R410A	208	1	60	-	WASHABLE	CEILING MOUNTED	LG ARNU053TRD4

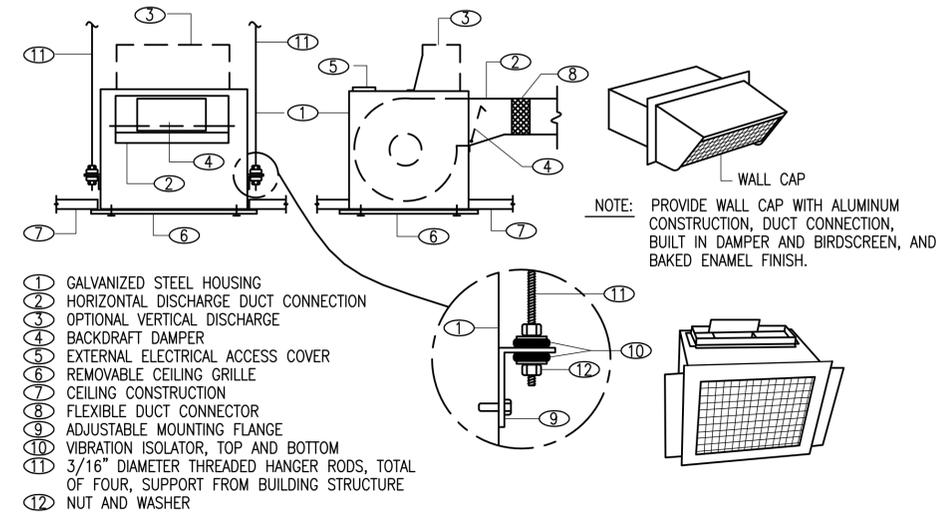
FCU/CU UNIT SCHEDULE NOTES

- ① PROVIDE EACH AHU WITH WALL MOUNTED REMOTE CONTROL THERMOSTAT.
- ② PROVIDE WITH CONDENSATE DRAIN AND TRAP AS RECOMMENDED BY MANUFACTURER.

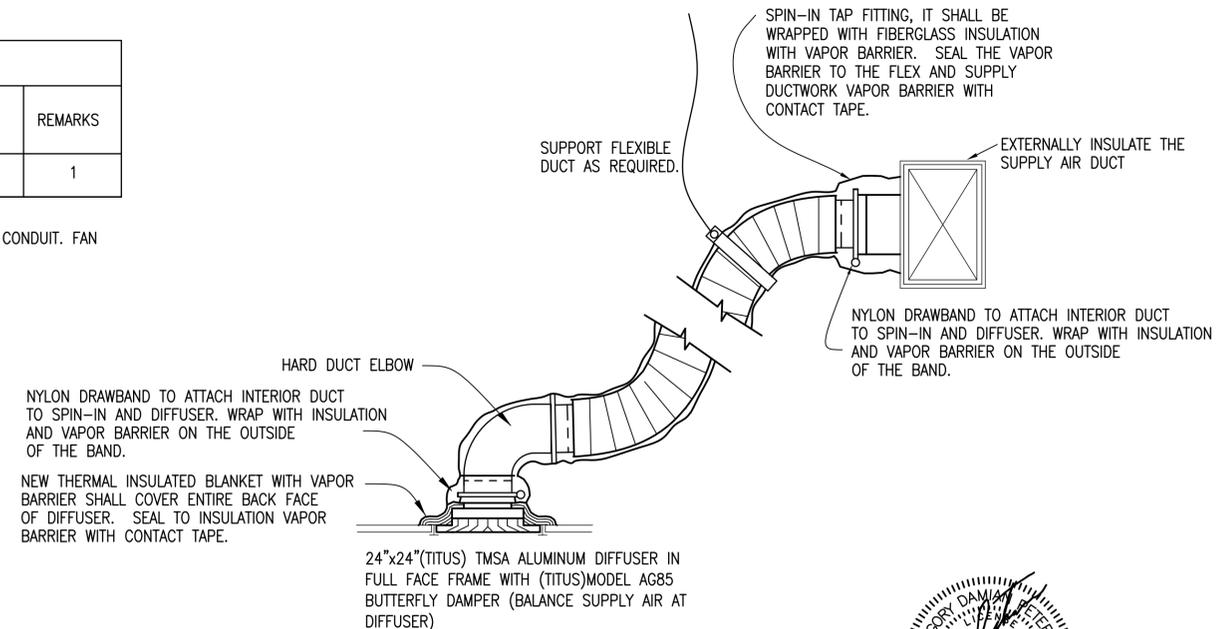
EXHAUST FAN SCHEDULE													
MARK	SERVES	TYPE	DRIVE	PERFORMANCE DATA			ELECTRICAL					EQUAL TO MANUFACTURER / MODEL	REMARKS
				AIR FLOW CFM	E.S.P. IN. H ₂ O	MAX. SONES	WATTS	VOLTS	PHASE	Hz	CONTROL		
EF-1	UNISEX	CF	DD	100	.25	1.9	53	120	1	60	MOTION SENSOR	GREENHECK / SP-A125	1

CF: CABINET FAN
 DD: DIRECT DRIVE

REMARKS
 1. ALL EXHAUST FANS SHALL BE INSTALLED WITH VARIABLE SPEED CONTROL, FLEXIBLE DUCT CONNECTION, VIBRATION ISOLATORS, AND FLEXIBLE CONDUIT. FAN SHALL NOT BE IN CONTACT WITH ANY OTHER DUCT, PIPING, CONDUIT, OR STRUCTURAL MEMBERS.



CEILING EXHAUST FAN DETAIL
 NOT TO SCALE



SUPPLY AIR DIFFUSER DETAIL
 NOT TO SCALE



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 P.E.I. JOB# 21167

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PHASE 2
 NEW BUILDING FOR THE:
"CHAPPIE JAMES FLIGHT ACADEMY"
 1608 DR. MLK JR. DRIVE
 PENSACOLA, FLORIDA 32501

MECHANICAL SCHEDULES AND DETAILS
 DATE: 11 MAR 2022
 JOB NO.: 21-02
 REVISIONS:
 DRAWN BY: JSV
 CHECK BY: GDP

M601
 OF XX

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG No. (or approved equal)	LAMPS		MOUNTING	REMARKS
		No.	TYPE		
DL	H.E. WILLIAMS 6DR-TL-L15-835-DIM-UNV-OW-OF-CS-N-F1	14W LED ARRAY 1500 LUMENS/3500K		CEILING RECESSED	6" ROUND LED DOWNLIGHT, 120V
LT	H.E. WILLIAMS LT-24-L64-835-AF-DIM-UNV	49W LED ARRAY 6400 LUMENS/3500K		CEILING RECESSED	2X4 RECESSED LED TROFFER, 120V, DIMMING BALLAST
LTE	H.E. WILLIAMS LT-24-L64-835-AF-DIM-UNV-EM/10W	49W LED ARRAY 6400 LUMENS/3500K		CEILING RECESSED	2X4 RECESSED LED TROFFER, EMERGENCY UNIT BATTERY PACK, 120V, DIMMING BALLAST
LTA	H.E. WILLIAMS LT-22-L27-835-AF-DIM-UNV	21W LED ARRAY 2700 LUMENS/3500K		CEILING RECESSED	2X2 RECESSED LED TROFFER, 120V
LTAE	H.E. WILLIAMS LT-22-L27-835-AF-DIM-UNV-EM/10W	21W LED ARRAY 2700 LUMENS/3500K		CEILING RECESSED	2X2 RECESSED LED TROFFER, EMERGENCY UNIT BATTERY PACK, 120V, DIMMING BALLAST
LTB	H.E. WILLIAMS AP-22-L40-835-DIM-UNV	36W LED ARRAY 4000 LUMENS/3500K		CEILING RECESSED	2X2 RECESSED LED EDGE LIT ARCHED PANEL, 120V, DIMMING BALLAST
LTBE	H.E. WILLIAMS AP-22-L40-835-DIM-UNV-EM/10W	36W LED ARRAY 4000 LUMENS/3500K		CEILING RECESSED	2X4 RECESSED LED EDGE LIT ARCHED PANEL, EMERGENCY UNIT BATTERY PACK, 120V, DIMMING BALLAST
LW2	H.E. WILLIAMS SLF-2-L45-835-HIA-DIM-UNV	34W LED ARRAY 4500 LUMENS/3500K		WALL ABOVE DOOR	2 FT SURFACE MOUNTED LED WRAP, UNIVERSAL VOLTAGE BALLAST
MB2	CAMMAN WB17-26-LN-35K-CLV-MV-FINISH	15W LED ARRAY 750 LUMEN/3500K		WALL ABOVE MIRROR	26" WIDE DECORATIVE LED FIXTURE
SFE	FC LIGHTING FCW3060-UNV-4K-CR185-50L-LD-8BU	40W LED ARRAY 5000 LUMEN/4000K		CEILING SURFACE	14" ROUND LED AREA LIGHT, EMERGENCY UNIT BATTERY PACK, 120V
X	WILLIAMS EXIT-R-EM-WHT-SDT	LED		WALL ABOVE DOOR	LED EXIT LIGHT WITH THERMOPLASTIC HOUSING, EMERGENCY BATTERY BACKUP, PROVIDE DIRECTIONAL ARROWS AS INDICATED, 120V, SELF TEST DIAGNOSTICS
XC	WILLIAMS EXIT-R-EM-WHT-SDT	LED		CEILING SURFACE	LED EXIT LIGHT WITH THERMOPLASTIC HOUSING, EMERGENCY BATTERY BACKUP, PROVIDE DIRECTIONAL ARROWS AS INDICATED, 120V, SELF TEST DIAGNOSTICS

WARNING

Arc Flash Hazard
Appropriate PPE Required

Do not operate controls or open covers without appropriate personal protection equipment. Failure to comply may result in injury or death!

REFER TO NFPA 70E FOR MINIMUM PPE REQUIREMENTS

TYPICAL ARC FLASH HAZARD LABEL DETAIL

NOT TO SCALE

- ARC FLASH LABEL DETAIL NOTES:**
- PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ALL PANEL AND SWITCHBOARDS IN ACCORDANCE WITH NEC 110.16 AND NFPA 70E.
 - LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, VENDOR, OR CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL PANELS AND SWITCHBOARDS ARE LABELED IN THE FIELD.
 - THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

-1/2" LETTERS

PANEL LA

208Y/120 VOLTS
3 PHASE 4 WIRE
SERVED FROM PANEL MP
IN ELEC RM
10,000 AIC RATING

-1/4" LETTERS

TYPICAL ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL

NOT TO SCALE

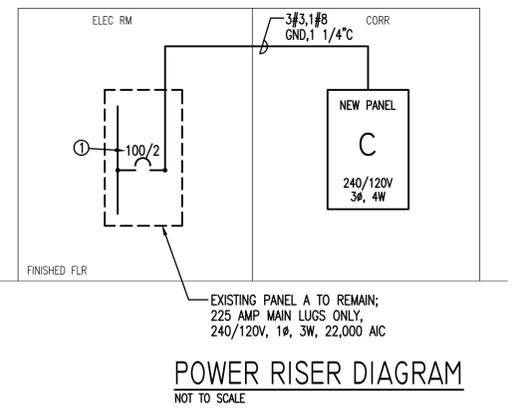
- ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL NOTES:**
- MECHANICALLY AFFIX NAMEPLATE TO PANELBOARDS, CONTROL PANELS, MOTOR CONTROL CENTERS, DISCONNECTS, STARTERS OR SIMILAR DEVICES.
 - LETTERS SHALL BE WHITE ON BLACK BACKGROUND; SIZE OF LETTERS INDICATED ON DETAIL.
 - INFORMATION IN LABEL IS A GENERIC EXAMPLE - DESIGNATE EQUIPMENT IN A SIMILAR WAY USING RELEVANT INFORMATION (NAME OF PANEL, VOLTS, PHASE, LOCATION, AIC RATING ETC.) ACCORDING TO EACH INDIVIDUAL LOCATION OF EQUIPMENT.

120/240 VOLT 1Ø 3W 100 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE PANEL C 20.28 KVA

FLUSH MOUNTED

CKT	LOAD DESCRIPTION	BREAKER		LOAD KVA		BREAKER		LOAD DESCRIPTION	CKT
		POLE	AMP			AMP	POLE		
1	LTS-CORR.OFFICE.CONF.STOR	1	20	.87	1.08	20	1	REC-OFFICE.CORR.RESTRM	2
3	LTS-FLIGHT LAB	1	20	.64	1.00	20	1	REC-MICROWAVE CONF RM	4
5	SYSTEMS FURNITURE	1	20	1.0	.6	20	1	REC-UNDERCOUNTER REFRIG	6
7	SYSTEMS FURNITURE	1	20	1.0	.90	20	1	REC-CONF RM	8
9	SYSTEMS FURNITURE	1	20	1.0	.90	20	1	REC-PRINTER CONF RM	10
11	SYSTEMS FURNITURE	1	20	1.0	.90	20	1	REC-PRINTER CONF RM	12
13	SYSTEMS FURNITURE	1	20	1.0	.90	20	1	REC-CONF RM	14
15	SYSTEMS FURNITURE	1	20	1.0	1.0	20	1	REC-CONF RM TV	16
17	SYSTEMS FURNITURE	1	20	1.0	1.0	20	1	REC-CONF RM TV	18
19	SYSTEMS FURNITURE	1	20	1.0		20	1	SPARE	20
21	SYSTEMS FURNITURE	1	20	1.0		20	1	SPARE	22
23	SYSTEMS FURNITURE	1	20	1.0		20	1	SPARE	24
25	SYSTEMS FURNITURE	1	20	1.0		20	1	SPARE	26
27	SYSTEMS FURNITURE	1	20	1.0		20	1	SPARE	28
29	SPARE	1	20			20	1	SPARE	30
31	SPACE	1	---			---	1	SPACE	32
33	SPACE	1	---			---	1	SPACE	34
35	WH-1	2	20	3.0		---	1	SPACE	36
37	↓	↓	↓	↓		---	1	SPACE	38
39	HPU-1	2	35	4.58	.57	20	2	AHU-1.VRF-1,2,&3	40
41	↓	↓	↓	↓		↓	↓		42

TOTAL CONNECTED LOAD: 29.94 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL



POWER RISER DIAGRAM KEYNOTES:

① INSTALL NEW 22,000 AIC BREAKER AS INDICATED

LOAD CALCULATION:

EXISTING PANEL A = 13.90 KVA
 NEW PANEL C = 29.94 KVA
 TOTAL = 43.84 KVA

43.84 KVA/240V, 1Ø = 182 AMPS
 EXISTING 200 AMP SERVICE IS SUFFICIENT
 LOAD FOR EXISTING PANEL A ORIGINATED ON JAN. 6, 2016
 CONSTRUCTION DOCUMENT E-4.

ELECTRICAL LEGEND

- CEILING OUTLETS**
- RECESSED 2X4 LED LIGHT FIXTURE
 - RECESSED 2X4 LED LIGHT FIXTURE WITH INTEGRAL EMERGENCY UNIT BATTERY PACK
 - ⊙ RECESSED 2X2 LED LIGHT FIXTURE
 - ⊙ JUNCTION BOX
 - CEILING RECESSED MOUNTED LIGHTING FIXTURE
 - INDICATES FIXTURE WITH INTEGRAL EMERGENCY UNIT BATTERY PACK
 - ⊗ CEILING SURFACE MOUNTED EMERGENCY EXIT LIGHT
 - ⊞ EXHAUST FAN
- WALL OUTLETS**
- ⊞ DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
 - G ⊞ DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
 - ⊞ DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
 - ⊞G DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
 - WP ⊞ DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE
 - ⊞ DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 26" AFF TO C/L FOR DRINKING FOUNTAIN
 - ⊞ SPLIT RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR/RELAY - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE. MARK RECEPTACLES IN ACCORDANCE WITH NEC 406.3(E). SEE SENSOR CONTROLLED RECEPTACLE DIAGRAM
 - G,C ⊞ SPLIT RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR/RELAY - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER (DENOTED BY C; NO C INDICATES 18" AFF) UNLESS NOTED OTHERWISE. MARK RECEPTACLES IN ACCORDANCE WITH NEC 406.3(E). SEE SENSOR CONTROLLED RECEPTACLE DIAGRAM
 - ⊞ JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION
 - ⊗ WALL MOUNTED EMERGENCY EXIT LIGHT
 - ⊙ WALL MOUNTED LED AREA LIGHT
 - ⊞SF WALL MOUNTED JUNCTION BOX FOR SYSTEMS FURNITURE POWER CONNECTION WITH 6 FEET FLEXIBLE CONNECTION WHIP; VERIFY 8 WIRE CONDUCTOR SYSTEM
 - ⊞SF WALL MOUNTED JUNCTION BOX FOR TELECOMMUNICATIONS CABLING TRANSITION TO SYSTEMS FURNITURE. INSTALL A 1 1/2" CONDUIT FROM THE ACCESSIBLE CEILING TO THE J-BOX.
 - ⊞SF IN-FLOOR MOUNTED JUNCTION BOX FOR SYSTEMS FURNITURE POWER CONNECTION WITH 6 FEET FLEXIBLE CONNECTION WHIP; VERIFY 8 WIRE CONDUCTOR SYSTEM
 - ⊞SF IN-FLOOR MOUNTED JUNCTION BOX FOR TELECOMMUNICATIONS CABLING TRANSITION TO SYSTEMS FURNITURE. INSTALL A 1 1/2" CONDUIT FROM THE ACCESSIBLE CEILING TO THE J-BOX.
- TELEPHONE & TV SYSTEM**
- ⊞ TELECOMMUNICATIONS OUTLET AT 18" AFF; STUB 1" C WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING
 - ⊞ TELEVISION CABLE WALL OUTLET WITH COAXIAL SCREW JACK AND COVERPLATE; MT 84" AFF TO C/L - INSTALL 3/4" C FROM OUTLET TO ABOVE ACCESSIBLE CEILING;
- PANELS AND POWER**
- 120/240 VOLT SURFACE MOUNTED PANELBOARD
 - 120/240 VOLT FLUSH MOUNTED PANELBOARD
 - ⊞ NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING; SS INDICATES ENCLOSURE SHALL BE STAINLESS STEEL
- BRANCH CIRCUITING**
- RUN CONCEALED UNDER FLOOR OR IN GRADE
 - RUN CONCEALED IN CEILING OR WALLS
 - LA-1 HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2 #12, 1 #12 GROUND - 1/2" C; 3 #12, 1 #12 GROUND - 1/2" C; 4 #12, 1 #12 GROUND - 3/4" C; ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMBER.
 - LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION
 - SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES
- OCCUPANCY SENSORS AND RELAYS**
- ⊞ 360° CEILING MOUNTED OCCUPANCY SENSOR WITH DUAL TECHNOLOGY (INFRARED AND ULTRASONIC) WATTSTOPPER DT-300-1
 - ⊞ CORRIDOR CEILING MOUNTED OCCUPANCY SENSOR WITH ULTRASONIC TECHNOLOGY WATTSTOPPER UT-305-3
 - ⊞ POWER PACK RELAY EQUAL TO WATTSTOPPER BZ150; INSTALL IN ACCESSIBLE LOCATION FOR MAINTENANCE PURPOSES
 - ⊞ POWER PACK RELAY EQUAL TO WATTSTOPPER BZ200; INSTALL IN ACCESSIBLE LOCATION FOR MAINTENANCE PURPOSES; SEE CONTROLLED RECEPTACLE DIAGRAMS
- MISCELLANEOUS**
- A.F.F. ABOVE FINISH FLOOR
 - WP WEATHERPROOF
 - U.N.O. UNLESS NOTED OTHERWISE
 - WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F. TO TOP OF SWITCH BOX)
 - S A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT
 - Sr WALL MOUNTED OCCUPANCY SENSOR; INFRARED TYPE TECHNOLOGY; MOUNT 48" AFF TO C/L; EQUAL TO WATTSTOPPER PW-100
 - SrD WALL MOUNTED OCCUPANCY SENSOR; DUAL TYPE (INFRARED AND ULTRASONIC) TECHNOLOGY; MOUNT 48" AFF TO C/L; EQUAL TO WATTSTOPPER DW-311 (DIMMING TYPE)
 - SrV LOW VOLTAGE DIGITAL WALL DIMMER EQUAL TO WATTSTOPPER DCLV2; MOUNT 48" AFF TO C/L

ELECTRICAL GENERAL NOTES

- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
- ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, DISCONNECTS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
- THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
- FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
- COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
- OBTAIN ARCHITECTS APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.
- THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY CONFLICTS/DISCREPANCIES BETWEEN DISCIPLINES BEFORE ORDERING EQUIPMENT/MATERIALS.
- DECORATIVE COVER PLATES FOR RECEPTACLE OUTLETS, SWITCHES, ETC. SHALL BE STAINLESS STEEL; REFER TO ELECTRICAL SPECIFICATIONS
- INSTALL OCCUPANCY SENSORS AND ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS. ALL CONDUCTORS (INCLUDING CONTROLS) ASSOCIATED WITH OCCUPANCY SENSORS AND POWER PACKS SHALL BE INSTALLED IN 1/2" CONDUIT MINIMUM.
- ELECTRICAL CONTRACTOR SHALL PAINT AND LABEL ALL JUNCTION BOXES TO IDENTIFY PANEL AND CIRCUIT; SEE ELECTRICAL SPECIFICATIONS.
- ALL CONDUCTORS INDICATED ON PLAN SHALL BE COPPER.
- EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED IN ALL BRANCH CIRCUIT WIRING. CONDUIT GROUND SHALL NOT BE ACCEPTABLE.
- THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT SO INSTALLED SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.
- ALL CONDUCTORS LESS THAN 100A. SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, 600 VOLT INSULATION

YATES ENGINEERING SOLUTIONS

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NEW BUILDING FOR THE:
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- ELECTRICAL LEGEND, NOTES & POWER RISER DIAGRAM

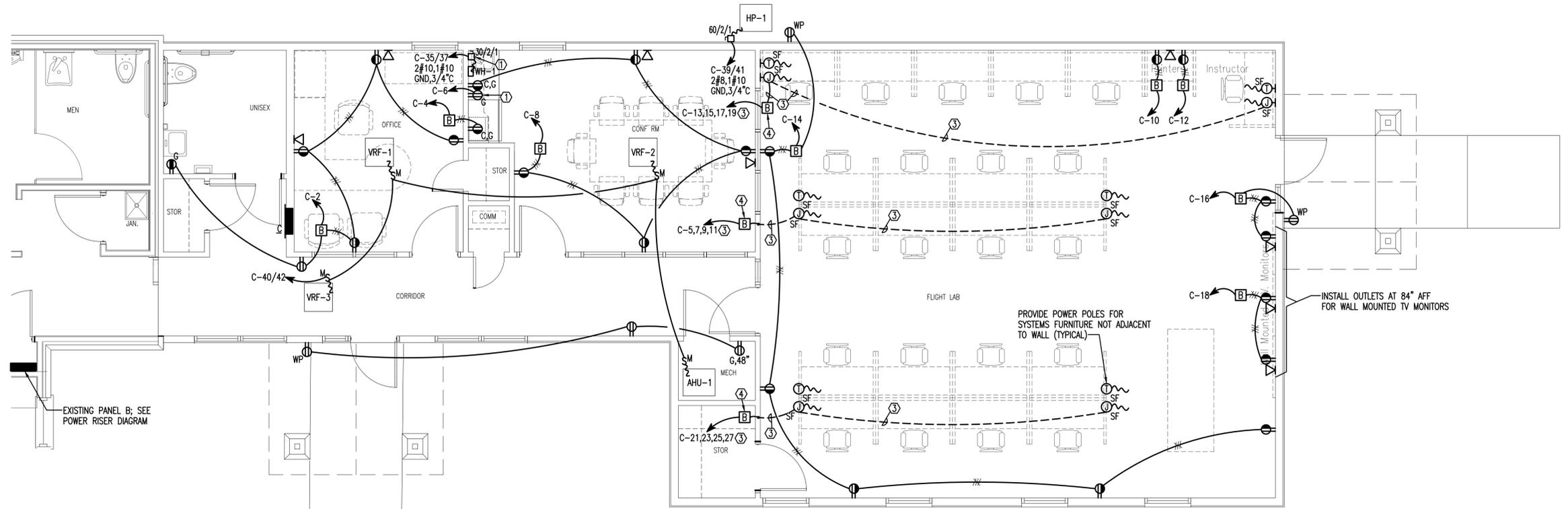
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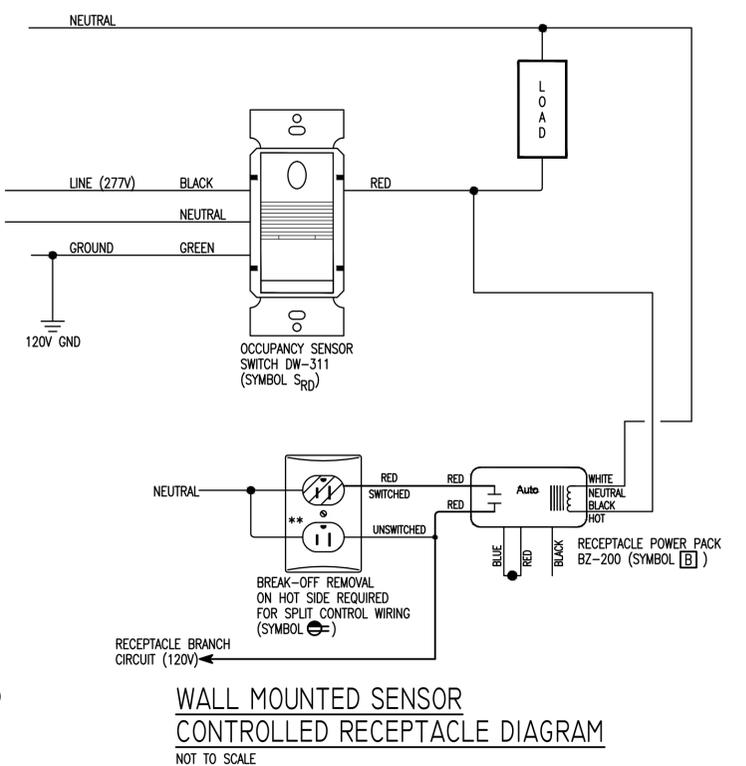
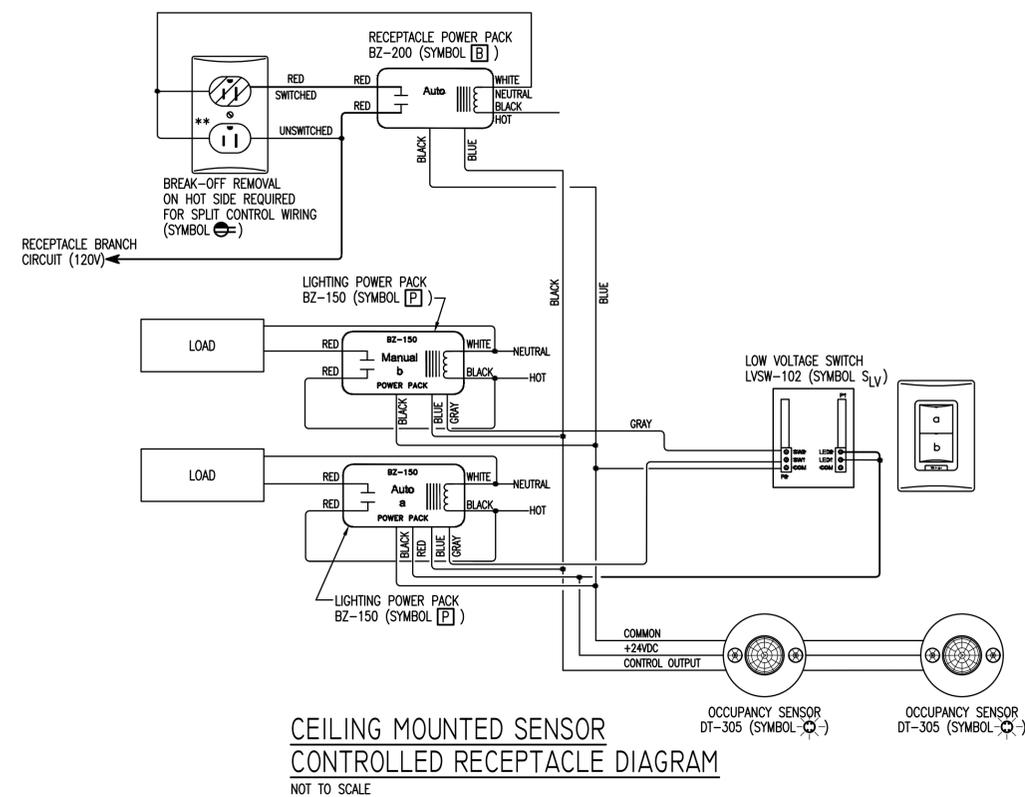
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POWER & SIGNAL PLAN

1/4" = 1'-0"

- KEYNOTES:**
- ① RECEPTACLE FOR UNDERCOUNTER REFRIGERATOR; COORDINATE LOCATION WITH CASEWORK INSTALLER PRIOR TO ROUGH-IN
 - ② SMALL FORM TYPE DISCONNECT; INSTALL BELOW SINK FOR INSTANTANEOUS WATER HEATER
 - ③ 8#12 CONDUCTORS (INCLUDES GROUND) IN 1" CONDUIT FOR SYSTEMS FURNITURE; VERIFY CONDUCTOR TYPES FOR FOUR CIRCUIT WITH SYSTEMS FURNITURE PRIOR TO ROUGH-IN
 - ④ PROVIDE TWO (2) RELAYS TO CONTROL TWO OF THE FOUR CIRCUITS IN SYSTEMS FURNITURE FOR OCCUPANCY SENSOR CONTROLLED RECEPTACLES



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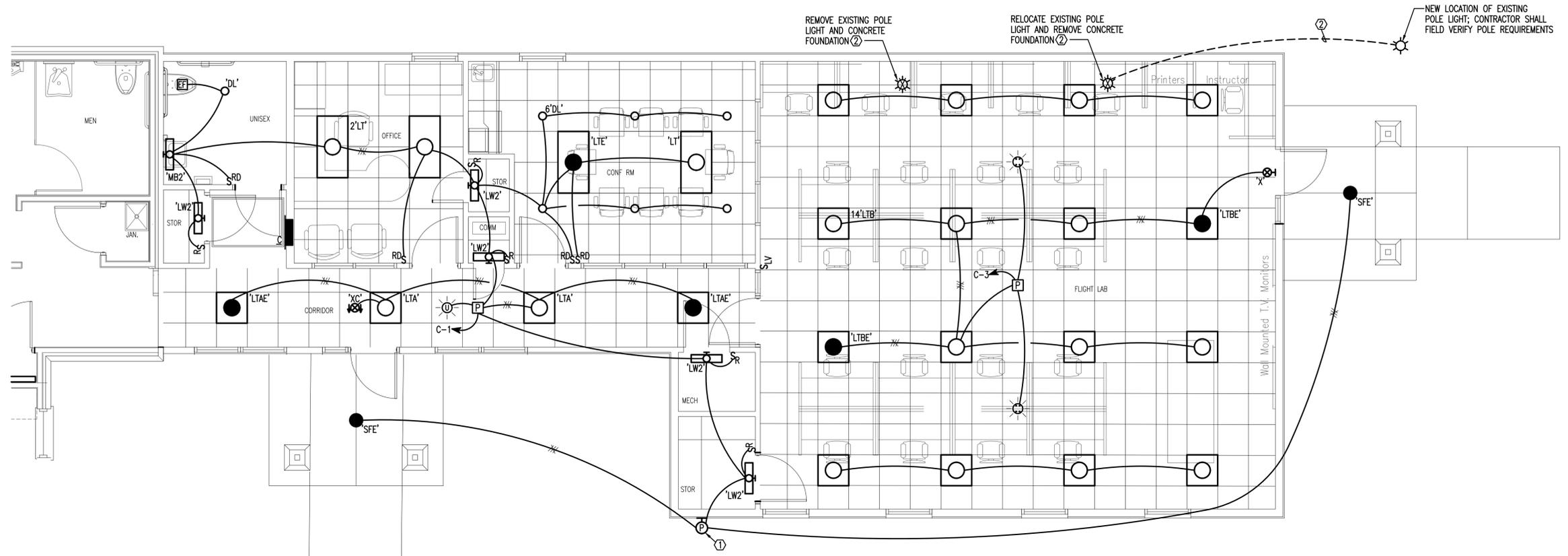
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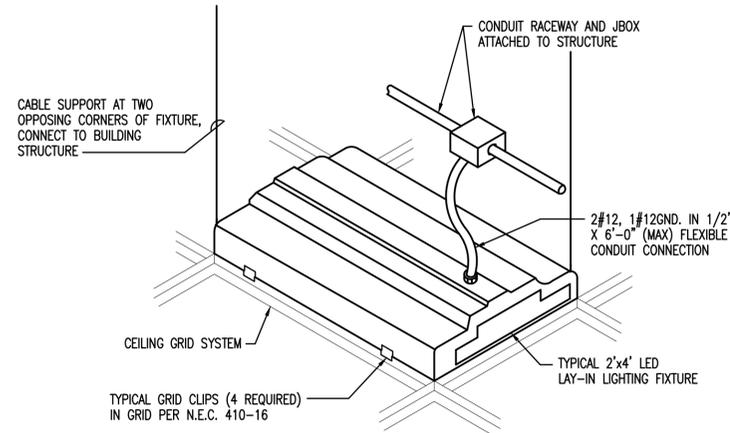
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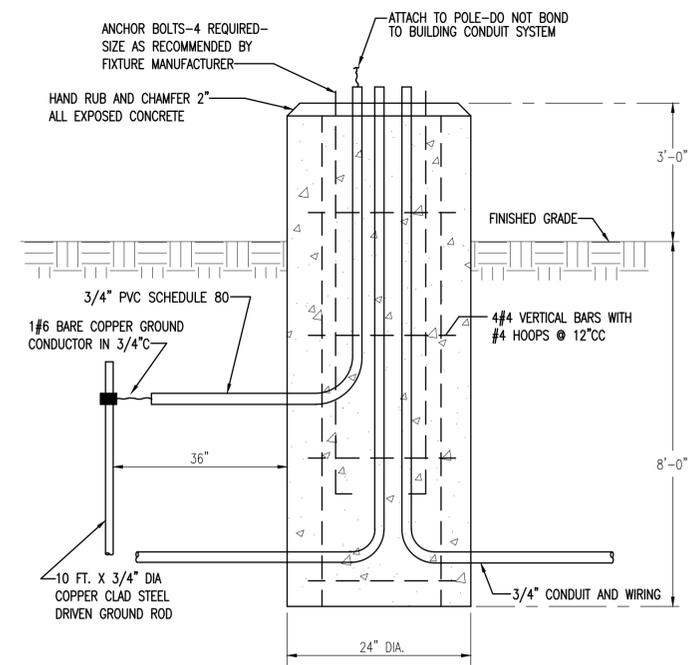
LIGHTING PLAN

1/4" = 1'-0"

- KEYNOTES:**
- ① SIDEWALL MOUNTED PHOTOCELL EQUAL TO TORK #2101, 20 AMP CONTACTS
 - ② EXTEND EXISTING POLE LIGHT CIRCUIT TO NEW POLE LOCATION



TYPICAL LAY-IN FIXTURE DETAIL
NOT TO SCALE



- NOTES:**
- INSTALL CONCRETE POLE BASE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS
 - VERIFY BOLT PATTERN WITH MANUFACTURER

CONCRETE POLE BASE FOR EXISTING POLE

NOT TO SCALE

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- LIGHTING PLAN

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