



LEVY CO. COURTHOUSE RENOVATION - PHASE 1

310 SOUTH COURT STREET
BRONSON, FL 32621
LEVY COUNTY BOARD OF COUNTY COMMISSION
22 AUGUST 2025
CONSTRUCTION DOCUMENTS
PHASE 1

PROJECT DIRECTORY

MECHANICAL ELECTRICAL PLUMBING ENGINEER

CAMPBELL SPELLICY ENGINEERING
1489 SW 74th DRIVE
GAINESVILLE, FL 32607
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www.CampbellSpellicy.com

STRUCTURAL ENGINEER

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CITY CENTRE
227 N. BRONOUGH ST. SUITE NO. 7300
TALLAHASSEE, FL 32301
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CIVIL ENGINEER

GMUER ENGINEERING
2603 NW 13th ST. BOX 314
GAINESVILLE, FL 32609
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ARCHITECT

BARNETT, FRONCZAK, BARLOWE, & SHULER ARCHITECTS
2074 CENTRE POINTE BLVD, SUITE 200
TALLAHASSEE, FL 32308
(p): 850-224-6301
www.bfbsa.com

OWNER

LEVY COUNTY BOARD OF COUNTY COMMISSION
310 SCHOOL STREET
BRONSON, FL 32621
(p): 352-486-5218
www.levycounty.org/government/commissioners/index.php

PROJECT LOCATION MAP



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JM
Project Code Checked By: DB

8/22/2025

Date

CONTRACT
DOCUMENTS

Revisions
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COVER SHEET

Tallahassee Florida

CS-1

PROJECT CODE DESIGN DATA SUMMARY

1. GENERAL PROJECT INFORMATION

PROJECT NAME:LEVY COUNTY COURTHOUSE ADDITION AND RENOVATION

PROJECT LOCATION:

CITY:BRONSON

COUNTY:LEVY

STATE:FLORIDA

PROJECT ADDRESS:355 SOUTH COURT STREET

BRONSON, FL 32621

PROJECT NUMBER:18440

DATE:NOVEMBER 25, 2024

2. ZONING AND RESTRICTIONS

ZONING:

SITE SIZE:

REQUIRED:

FRONT: 0SIDES: REAR: 0

FRONT: 0SIDES: REAR: 0

PROVIDED:

FRONT: 0SIDES: REAR: 0

FRONT: 0SIDES: REAR: 0

BUILDING SETBACKS:

PARKING SETBACKS:

HEIGHT LIMIT PER ZONING:

MAX. % IMPERVIOUS SURFACE

TOTAL PARKING SPACES

OTHER:

3. APPLICABLE CODES

EXISTING BUILDING.....

FLORIDA EXISTING BUILDING CODE, 8TH ED. 2023

BUILDING.....

FLORIDA BUILDING CODE (FBC-B) 8TH ED. 2023

ACCESSIBILITY.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

MECHANICAL.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

ENERGY CONSERVATION.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

FUEL GAS.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

PLUMBING.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

EXISTING BUILDINGS.....

FLORIDA BUILDING CODE, 8TH EDITION 2023

FIRE PREVENTION.....

FLORIDA FIRE PREVENTION CODE (FFPC) 2023

ELECTRICAL.....

NATIONAL ELECTRICAL CODE (NEC) 2020

4. OCCUPANCY

OCCUPANCY GROUP:GROUP B

CLASSIFICATION:EXISTING BUILDING CODE 8TH EDITION 2023

GROSS FLOOR AREA:EXISTING BUILDING 42,500SF

PHASE 1 - FIRST FLOOR RENOVATION 1,000SF

TOTAL OCCUPANCY LOAD:

PHASE 1 - FIRST FLOOR RENOVATION

1,000 SF

CONFERENCE ROOM 195 NSF / 15 SF

=

13 PEOPLE

COURTROOM 495 NSF / 15 SF

=

33 PEOPLE

5. CONSTRUCTION

CONSTRUCTION TYPE:EXISTING - TYPE III

PROTECTED OR UNPROTECTED:UNPROTECTED

Note: Protected or unprotected refers to the structure, NOT whether or not it is sprinkled.

SPRINKLED OR NON SPRINKLED:NON SPRINKLED

MAX BUILDING HEIGHT:55'

EXISTING

MAX NUMBER OF STORIES:2

EXISTING

6. FIRE PROTECTION - NEW CONSTRUCTION

EXT. BEARING WALLS, supporting more than 1 floor:

0HRS.

0

INT. BEARING PARTITIONS, COLUMNS, supporting more than 1 floor:

0

0

BEAMS, GIRDERS, TRUSSES, supporting more than 1 floor:

0

0

FLOOR & FLOOR/CEILING

0

0

ROOF & ROOF/CEILING

0

0

EXT. BEARING WALL(s) RATING / % PERMITTED OPENINGS

NORTH, Horizn. seperation Distance:

Over 30'

0

0

SOUTH, Horizn. seperation distance:

Over 30'

0

0

EAST, Horizontal seperation distance:

Over 30'

0

0

WEST, Horizontal seperation distance:

Over 30'

0

0

EXT. NON-BEARING WALL(s) RATING / % PERMITTED OPENINGS

NORTH, Horizn. seperation Distance:

Over 30'

0

0

SOUTH, Horizn. seperation distance:

Over 30'

0

0

EAST, Horizontal seperation distance:

Over 30'

0

0

WEST, Horizontal seperation distance:

Over 30'

0

0

WALLS & PARTITIONS

PROTECTIVE OPENING

WIRE GLASS LIMIT

MINIUMUM FIRE RESISTANCE

SHAFT/STAIR/ELEV. & EQUIP. RM

2hr / 2hr

1hr / 1hr

100 sq. in.

FIRE WALLS

1hr / 1hr

3/4hr / 3/4hr

N/A

TENANT

N/A

N/A

N/A

HORIZONTAL EXIT

1hr / 1hr

1hr / 1 hr

N/A

EXIT ACCESS CORRIDOR

1hr / 1hr

1 hr / 1hr

N/A

Note: Janitor, Mechanical Rooms (w/ gas-fired equipment) and General Storage Areas in non-sprinkled buildings require 1 hour rating and 3/4 hour opening protection.

MINIMUM INTERIOR FINISH CLASS:

CLASS C

MANUAL FIRE ALARM REQUIRED:

YES EXISTING

7. EXITS - PHASE 1

REQUIRED:

PROVIDED:

MINIMUM NUMBER OF EXITS:2

2 EXISTING

MAX. TRAVEL DISTANCE:200' EXISTING

138'

MAX. DEAD END CORRIDOR:20'

MIN. CORRIDOR/ AISLE WIDTH:44"

MIN EGRESS CAPACITY WIDTH:34"

34"

SEPARATE OR EMERGENCY SOURCE OF LIGHT REQUIRED?

8. DOORS - PHASE 1

REQUIRED:

PROVIDED:

MIN. CLEAR DOOR WIDTH:32"

34"

MIN. EGRESS CAPACITY DOOR WIDTH:32"

34"

MAX. DOOR WIDTH:48"

MIN DOOR HEIGHT:6'-8"

7'-0"

DOOR SWING: Door must swing in the direction of egress if it serves 50 or more persons. Doors shall not reduce the corridor or landing width to less than 1/2 the required width during the opening process nor project more than 7" into the required width of the corridor or landing when fully open. Minimum space between 2 hinged or pivoting doors = 48" plus the width of any door swinging into the space.

YES

SPECIAL EGRESS PANIC HARDWARE REQUIRED?

9. STAIRS - EXISTING

REQUIRED:

PROVIDED:

MINIMUM STAIR WIDTH:44"

EXISTING

MINIMUM EGRESS CAPACITY:296" (x .3 = 296")

STAIRWAY PROTECTION:2 hr

INT. STAIR, INT. WALLS:1 hr

INT. STAIR, EXT. WALLS:0 hr

EXT. STAIR SEPARATION:1 hr

REQ'D STAIR CONFIGURATIONS:

MAX RISER HEIGHT:7"

MIN. RISER HEIGHT:4"

MIN. TREAD DEPTH:11"

MIN. HEADROOM:6'-8"

MAX NOSING:1"

MAX. HEIGHT BETWEEN LANDINGS:

MIN LANDING WIDTH: Equal to stair width (need not exceed 48" if straight run.)

"No stairs required to be accessible shall have open risers"

10. RAMPS

REQUIRED:

MIN. RAMP WIDTH:44" clear, or egress width, whichever is greater.

MAX. RAMP SLOPE:1:12

MAX CROSS SLOPE:1:50

REQUIRED RAMP CONFIGURATIONS:

MIN LANDING LENGTH:5' at top of ramp

5' at bottom of ramp

5' at each vertical rise of 30"

Equal to ramp width

30"

MIN LANDING WIDTH:5' at each vertical rise of 30"

MAX. RISE / RUN

Ramps shall have landings at the top, the bottom and doorways.

Ramps steeper than 1:20 require handrails on both sides.

HANDRAILS AT RAMPS:Must extend 18" at top and bottom of ramp, parallel to floor surface. Maximum height: 34" - 38".

11. ELEVATORS - EXISTING

REQUIRED:

SHAFT/ EQUIPMENT ROOM-1 hr @ 3 story shafts

MIN. FIRE RESISTANCE:2 hr @ 4 story shafts

TOP CLEARANCE:6" min. top runby

42" min. refuge space

48" min. total

BOTTOM CLEARANCE:24" min. clear between bottom of car structure and pit floor.

MINIMUM DOOR SIZE:42" clear

REQUIRED:

ELEVATOR CAB: fire alarm recall, smoke detector & phone - size to accommodate 24" x 76" stretcher.

PIT: sump pit or drain, access ladder, stop switch, GFI duplex receptacle & light w/ switch.

HOISTWAY: (4 stories +) vent to exterior (free area size equal to 3.5% of hoistway floor area or 3 s.f. min.)

EQUIPMENT ROOM: 10 A:B:C fire extinguisher, 2 cfm / s.f. ventilation & 7' min. clear headroom.

12. HANDRAILS

REQUIRED:

Handrails are required for stairs

Handrails are required for ramps with rise > 6"

HANDRAILS MOUNTING HEIGHT:34" - 38" above stair nosing

Handrails are required on both sides of the stairs. Inside or switch back handrails shall be continuous.

Handrails shall extend 12" beyond top riser and continue to slope the depth of one (1) tread from the bottom riser.

DIAMETER OF HANDRAIL:1 1/4" - 2"

HANDRAIL TO WALL CLEARANCE:2 1/4"

Handrails shall be provided within 30" of all portions of the stair width required for egress capacity.

13. GUARDRAILS

Guardrails are required at walking surfaces which are greater than 30" above floor or grade below. MINIMUM HEIGHT:42"

Exception: May be the same height as handrail at unenclosed side of switchback stairs <12" between flights. Intermediate rails shall be spaced to reject passage of a 4" dia. sphere.

Bottom rail to be spaced to reject passage of a 2" dia. sphere.

Triangular space at opening between tread, riser & bottom rail of stairs shall reject passage of a 6" dia. sphere.

14. STRUCTURAL DESIGN LOADS - NEW ADDITION

LIVE LOADS - FLOORS: (FBC Ch. 16, Table 1607.1)

LIVE LOADS - ROOFS:

CONDITION:

LOAD:

PUBLIC AREAS:Live Load100 p.s.f.

PUBLIC AREAS:Dead Load5 p.s.f.

STORAGE:Live Load125 p.s.f.

STAIR:Live Load100 p.s.f.

MECH. ELEC. ROOMS:Live Load5 p.s.f.

STAGE & PLATFORMS:Live Load125 p.s.f.

ROOF:Live Load20 p.s.f.

GUARDRAILS/ HANDRAILS:Dead Load16 p.s.f.

WIND LOAD:Point Load200 lb.

IMPORTANCE FACTOR:140m.p.h.1.15

15. HANDICAPPED ACCESSIBILITY (ADA) REQUIREMENTS

REQUIRED:

PROVIDED:

PARKING SPACES:Provide accessible spaces One (1) per eight (8) accessible spaces shall be Van accessible.

TOTAL SPACES IN LOT:03

STANDARD HC SPACES:02

VAN HC SPACES:01

TOTAL HC SPACES:03

ACCESSIBLE ROUTE:Provide accessible route within site boundary connecting accessible site components including transportation stops, public walks, parking, adjacent accessible buildings and facilities, public spaces etc. Accessible routes shall connect to accessible entrances of all buildings.

ACCESSIBLE ENTRANCE:Provide accessible entrances as per FBC 114.1.3(9), to include each of the following:
A. At least 50% of public entrance total count (1 min. at ground floor).
B. Equal to number of exits required by fire / building codes.
C. Seperate accessible entrance for each tenant in a facility.

TOTAL ENTRANCES:1

ACCESSIBLE MEANS OF EGRESS:Accessible Means of Egress shall be provided by way of an Accessible Route as described in FBC 11-4.3 excluding stairs, steps or escalators. Areas of rescue assistance shall be considered part of the Accessible Means of Egress.

AREA OF RESCUE ASSISTANCE:Provide area of rescue assistanceN/A

VERTICAL CIRCULATION:Changes in level shall comply with FBC Accessible routes with change in level greater than 1/2" shall require a curb ramp, ramp or elevator (Stairs shall not be considered part of an accessible route) Stairs shall be configured. Minimum stair width is 48" clear between handrails at area of rescue assistance.

16. THERMAL RESISTANCE OF ASSEMBLIES

REQUIRED:

RECOMMENDED GUIDELINES:

FLOOR ASSEMBLIES

SLAB ON GRADE:R-0

RAISED WOOD:R-19

RAISED CONCRETE:R-7

WALL ASSEMBLIES

MASONRY:R-7

WOOD FRAME:R-11

METAL FRAME:R-13

ROOF ASSEMBLIES

INSULATION ONLY:R-19

ASSEMBLY TOTAL:R-30

Note: Walls limited to exterior, adjacent & common walls.

Doors: Doors in exterior, adjacent and common walls should be limited to insulated glass, solid core wood, wood panel or insulated hollow metal types.

17. FIRE EXTINGUISHING EQUIPMENT

APPROVED AUTOMATIC FIRE SPRINKLER SYSTEMS

Florida Statutes 553.895-Buildings 3 stories or more, except 1 & 2 family dwellings and open, noncombustable parking garages > 20' from adjacent structures require an approved automatic fire sprinkler system.

Requirements as classified by occupancy and use.

Requirements as classified by occupancy and use.

Approved Automatic Fire Sprinkler System Required?N/A

STANDPIPE

Requirements as classified by listed condition.

Requirements as classified by occupancy and use.

Standpipe Required?N/A

STANDPIPE CLASS AND TYPE

Requirements as classified by listed condition.

Standard for the Installation of Standpipes.

Standpipe Class & Type:N/A

FIRE EXTINGUISHERS:

FIRE HAZARD CLASSIFICATIONS:Class A, B & C

OCCUPANCY HAZARD CLASS:Light (Low)

EXTINGUISHER CLASSIFICATION:10 lb. > 4A-60B:C

EXTINGUISHER SIZE & DISTRIBUTION:

CLASS "A" HAZARDS

MIN. RATING OF SINGLE EXTINGUISHER:2-A

MAX. FLOOR (COVERAGE) AREA / UNIT "A":3,000 sq. ft.

ALLOWABLE FLOOR AREA/ EXTINGUISHER:11,250 sq. ft.

MAX. FLOOR AREA / EXTINGUISHER:11,250 sq. ft.

MAX. TRAVEL DISTANCE TO EXTINGUISHER:75'

CLASS "B" HAZARDS

MIN. RATING OF SINGLE EXTINGUISHER:30'

MAX. TRAVEL DISTANCE TO EXTINGUISHER :To be distributed on the basis of anticipated Class "A" or Class "B" Hazards.Ch. 5-5 Unit size as per other hazards.

CLASS "C" HAZARDS:

To be distributed in the immediate vicinity of hazard with max. travel distance. Ch. 5-6 of 75'. Unit size per mfrg. 30' max. travel distance. Ch 5-7

CLASS "D" HAZARDS:

11,250 sq. ft. Allowable Floor Area / Extinguisher

CLASS "K" HAZARDS:

TOTAL EXTINGUISHER COUNTS:

AREA/ EXTINGUISHER

Note: Total provided must also meet max. travel distance.

REQUIRED:1

PROVIDED:1 EXISTING

18. VENTILATION REQUIREMENTS

CRAWL SPACE

Crawl spaces under buildings shall be ventilated by mechanical means or foundation openings.

REQUIRED:

PROVIDED:

MECHANICAL MEANS FOUNDATION OPENINGS

See Mechanical Plans & Specifications

1 sf net open area / 150 sf crawlspace N/A

1.5 sf net open area / 15 l.f. of exterior wall

WOOD FLOOR SYSTEMS

N/A

FLOOR SYSTEMS OTHER THAN WOOD

ATTIC SPACE- PITCHED ROOF

A ratio of total net free ventilating area to ceiling area of 1:150, or reduction to 1:300 providing a vapor retarder on warm side of ceiling or 50% or required vent area by means of mechanical ventilators and balance by eave or cornice vents.

19. PLUMBING FIXTURE CALCULATION - OCCUPANCY - NO NEW RESTROOMS

FIXTURES:

MALE

EXISTING

FEMALE

EXISTING

DRINKING FOUNTAINS

EXISTING

Occupants: Male, Female

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Tallahassee

Florida

CS-3

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NOTES

BFBS

ARCHITECTS

LEVY COUNTY

COURTHOUSE

RENOVATION -

PHASE 1

18440

Drawn By: Author

Project Code

Checked By: Checker

8/22/2025

Date

CONTRACT

DOCUMENTS

Revisions

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CODE AND DATA

LIFE SAFETY NARRATIVE:

The original Levy County Courthouse was constructed in 1937 and has been modified over the years and an addition was designed in 1993 and constructed in that year. It is our understanding that the 1993 renovation and addition project was permitted by the City of Bronson. The addition as constructed does not match the Contract documents that are available, as the project was value engineered due to budget constraints. The original construction would be classified at Type III unprotected construction and the 1993 addition appears to be Type II unprotected construction.

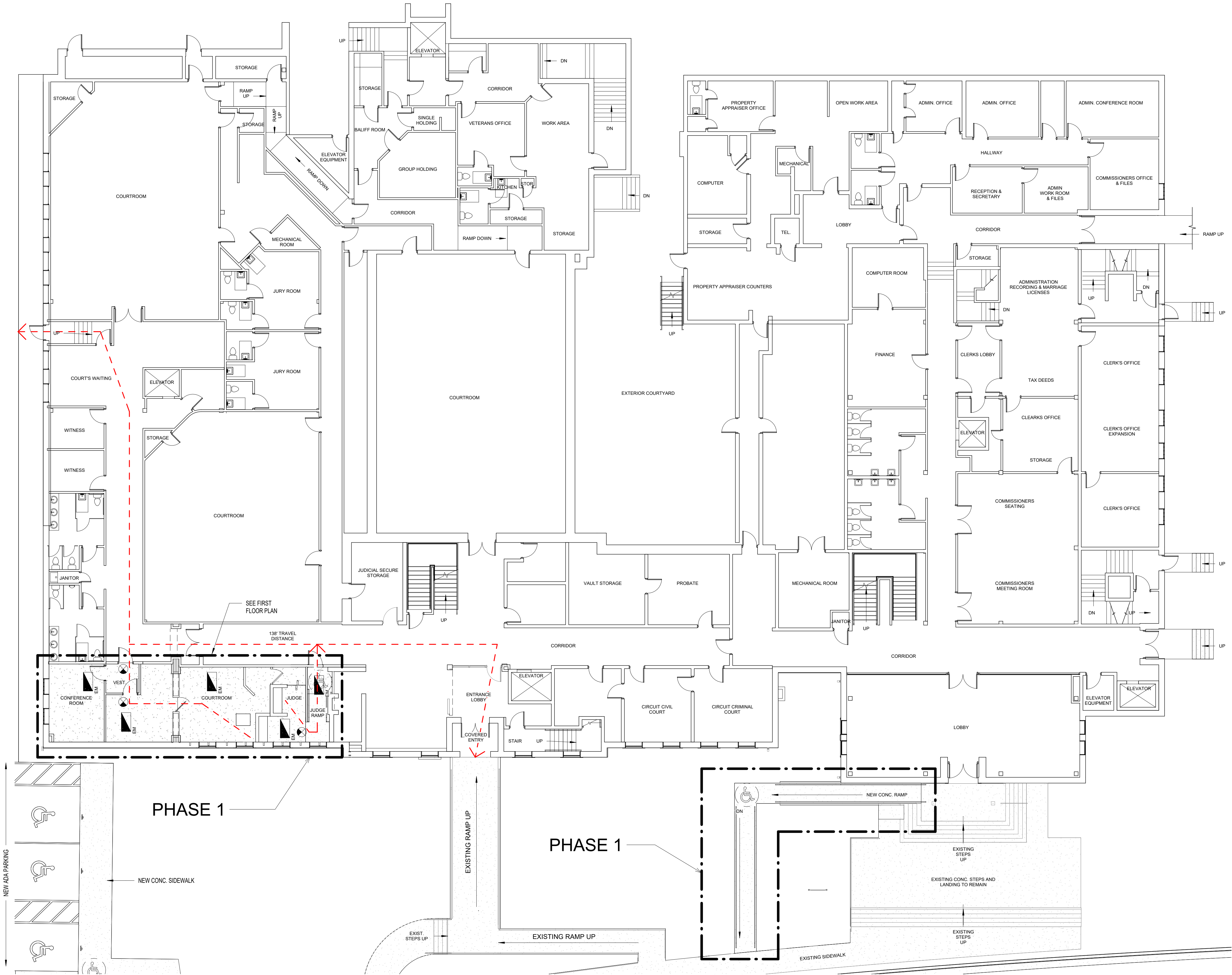
As this is an occupied building there was limited exploratory demolition that could be done within the building.

The current building is not fire sprinklered as the water lines nearby and at the site do not have the water flow and pressure to sprinkle the building and it is unknown when and if the water lines at the site will be replaced with larger piping and a new water tower to provide adequate water flow and pressure to install fire sprinkle the existing and new addition.

The existing building is approximately 42,500 square feet in size. The present scope of work (Phase 1) will be limited to 1,800 square feet of existing first floor area.

The first-floor renovation area will be to convert an unused office area into a small courtroom for limited hearings.

It appears that the existing wall between the interior renovated area at the future courtroom and existing corridor was permitted as a 1-hour wall during the 1993 renovation, Although the doors along the corridor and new courtroom are not rated. The renovation will include installing 45 min fire rated doors at this wall.



LIFE SAFETY LEGEND

PHASE 1

2 HOUR RATED WALL: EXISTING BRICK MASONRY WITH 6" METAL STUDS AND 1 LAYER OF TYPE 'X' DRYWALL

1 HOUR RATED WALL: 3 5/8" METAL STUDS AT 16" O.C. WITH 1 LAYER OF TYPE 'X' GYPSUM WALL BOARD AT BOTH SIDES

1 HOUR RATED WALL: 8" CMU

TRAVEL DISTANCE

EXIT/AREA OF REFUGE LIGHT

FIRE EXTINGUISHER CABINET

FIRE EXTINGUISHER BRACKET

FIRE ALARM ANNUNCIATOR, HORN/VISIBLE TYPE

FIRE ALARM MANUAL PULL STATION

EMERGENCY LIGHTING
(SEE ELECTRICAL LIGHTING PLAN FOR LOCATIONS OF EMERGENCY LIGHTING)

FIRE ALARM CONTROL PANEL



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: Author
Project Code Checked By: Checker

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Revisions
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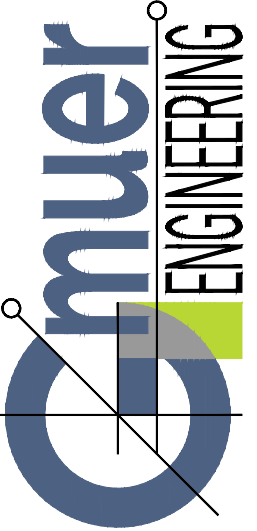
LIFE SAFTEY PLAN

Tallahassee Florida

LS.1

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OVERALL PLAN	LEVY COUNTY COURTHOUSE	 ENGINEERING FL CA # 21533 gmuereng.com (382) 281-4828 2803 NW 13th St, Box 314 Gainesville, FL 32609	ENGINEER OF RECORD: CHRISTOPHER A. GMUER FL PE # 71599 2025-08-13	PERMITTING / DESIGN REVISIONS: 2023-04-28 DRAFT DESIGN 2023-05-19 DD PLANS 2023-06-01 PRELIMINARY PLANS 2023-07-05 50% CD SUBMITTAL 2023-09-07 100% CD 2025-08-20 REVISED SITE PLANS	PRICING: CONSTRUCTION:
			CLIENT: BARNETT FRONCZAK BARLOWE & SHULER ARCHITECTS	DESIGN: C.A. GMUER, PE C.A. GMUER, PE	QUALITY CONTROL: C.A. GMUER, PE

C-100

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DESIGN ELEMENTS AND INFORMATION FURNISHED BY OTHERS

1. THE ENGINEER AND ITS CONSULTANTS PREPARED THESE PLANS AND DESIGN DOCUMENTS THROUGH THE USE OR RELIANCE UPON DESIGN ELEMENTS AND INFORMATION ORDINARILY OR CUSTOMARILY FURNISHED BY OTHERS, INCLUDING, BUT NOT LIMITED TO, SURVEYORS, GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS, ARCHITECTS, BUILDING SYSTEMS ENGINEERS, SPECIALTY CONTRACTORS, MANUFACTURERS, SUPPLIERS, AND THE PUBLISHERS OF TECHNICAL STANDARDS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR DESIGN ERROR AND OMISSIONS RESULTING FROM THE QUALITY OF THIS INFORMATION.
2. ALL POINTS OF COORDINATION OR INTERFACE BETWEEN THESE PLANS AND DESIGN DOCUMENTS AND THE PLANS AND DESIGN DOCUMENTS OF OTHERS MUST BE COMPARED BY THE CONTRACTOR.
3. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCURING MATERIALS AND INSTALLATION.

EROSION CONTROL AND STABILIZATION

1. CONTRACTOR IS REQUIRED TO SUBMIT A COMPLETE NOI AND APPROPRIATE FEE TO SECURE A FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (GGP) AT LEAST TWO DAYS BEFORE CONSTRUCTION BEGINS. A PERMIT IS REQUIRED FOR CONSTRUCTION ACTIVITIES THAT DISTURB ONE OR MORE ACRES OR IF THE PROJECT IS PART OF A LARGER DEVELOPMENT THAT WILL ULTIMATELY DISTURB ONE OR MORE ACRES.
2. CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND SUBMIT IT TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO MOBILIZING THE SITE TO INSTALL THE BMPS.
3. CONTRACTOR'S SWPPP SHALL BE IN ACCORDANCE WITH FDEP, WMD, AND CITY REGULATIONS FOR STORMWATER MANAGEMENT DURING A CONSTRUCTION ACTIVITY.
4. PROJECTS THAT DISCHARGE STORMWATER TO AN MS4, A COPY OF THE NOI MUST ALSO BE SUBMITTED TO THE OPERATOR OF THE MS4.
5. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR OBTAINING PERMIT COVERAGE AND IMPLEMENTING APPROPRIATE POLLUTION PREVENTION TECHNIQUES TO MINIMIZE EROSION AND SEDIMENTATION FROM STORMWATER DISCHARGES DURING CONSTRUCTION. THE ENGINEER SHOULD NOT BE LISTED AS THE OPERATOR AS THEY DO NOT HAVE OPERATIONAL CONTROL OVER THE PROJECT.
6. WHEN THE OPERATOR CHANGES, THE NEW OPERATOR SHOULD OBTAIN PERMIT COVERAGE AT LEAST 2 DAYS BEFORE ASSUMING CONTROL OF THE PROJECT, AND THE PREVIOUS OPERATOR SHOULD FILE AN NPDES STORMWATER NOTICE OF TERMINATION WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.
7. EROSION PROTECTION MEASURES ARE TO BE INSTALLED AND INSPECTED BY THE CITY PRIOR TO SITE CLEARING OR CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENTATION CONTROLS UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
9. INSPECTION REQUIREMENTS: EVERY WEEK AND AFTER RAIN EVENTS OF 0.5 INCHES OR AS REQUIRED BY FDEP OR THE CITY. A RECORD KEEPING LOG BOOK OF THE SWPPP FOR THE PROJECT IS TO BE ON SITE AT ALL TIMES.
10. ALL DISTURBED AND OPEN AREAS OF THE SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE.

TREE PRESERVATION AND DEMOLITION

1. CONTRACTOR SHALL VERIFY AND PROTECT ALL EXISTING TREES AND NATURAL VEGETATION THAT ARE INDICATED TO REMAIN UNDISTURBED ON THE PLANS.
2. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
3. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR REMOVED SHALL BE CONFIRMED WITH THE REVIEWING AGENCY AND THE OWNER. THE PROTECTION OR REMOVAL IS AT THE COST OF THE CONTRACTOR.
4. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
5. DISTURBED AREAS SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, MISCELLANEOUS VEGETATION, DELETERIOUS MATERIAL, DEBRIS, ETC.
6. SOME ITEMS TO BE REMOVED OR SALVAGED MAY NOT BE DEPICTED ON THE PLANS OR SURVEY. CONTRACTOR SHALL BE AWARE OF ALL EXISTING IMPROVEMENTS WITHIN THE CONSTRUCTION LIMITS AND CONFIRM AN INVENTORY WITH THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OR SALVAGE OF ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, ETC., AND THEIR APPURTENANCES UNLESS OTHERWISE NOTED. ALL ITEMS SHALL BE PROPERLY DISPOSED IN A LEGAL MANNER.
8. PROVIDE PROTECTION AS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS SHOWN IN THE PLANS TO REMAIN.

UTILITY LOCATES, RELOCATION, PROTECTION, AND TERMINATION

1. UTILITY LOCATES SHALL BE COMPLETED BY THE CONTRACTOR PRIOR TO THE INITIATION OF SITE CONSTRUCTION. FLORIDA LAW (F.S. 558) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA, SUNSHINE STATE ONE-CALL FOR FLORIDA) BY CALLING 1-800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPOND TO THE POSITIVE RESPONSE SYSTEM.
2. PROPOSED UTILITY TAPS AND CROSSINGS SHALL BE PHYSICALLY LOCATED AND VERIFIED BY THE CONTRACTOR AS SOON AS PRACTICABLE AND SHALL CONTACT THE ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES OR CONFLICTS.
3. UTILITY RELOCATION, SUPPORT, PROTECTION, TERMINATION, CAPPING, AND REMOVAL SHALL BE COORDINATED BY THE CONTRACTOR WITH UTILITY COMPANIES. ADEQUATE TIME SHALL BE PROVIDED FOR PROPER COORDINATION AND TO MINIMIZE SERVICE INTERRUPTIONS.
4. CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES TO THE UTILITY COMPANY FOR THEIR SERVICES.

SAFETY AND TEMPORARY TRAFFIC CONTROL (MAINTENANCE OF TRAFFIC)

1. ALL SAFETY REGULATIONS AND PRACTICES SHALL BE ENFORCED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THIS PROJECT. THIS ALSO INCLUDES THE TRAVELING PUBLIC. THE FOLLOWING IS A NOTICE TO THE CONTRACTOR AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT OR ENFORCE SAFETY REGULATIONS.
2. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
3. ALL SUBSURFACE CONSTRUCTION SHALL CONFORM TO THE PROVISIONS SET FORTH BY THE "TRENCH SAFETY ACT".
4. TEMPORARY TRAFFIC CONTROL (TTC) IS REQUIRED FOR ALL WORKS ON HIGHWAYS, ROADS, STREETS, BIKE LANES, SIDEWALKS AND SHALL HAVE A TTC PLAN. THE PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER THAT IS FDOT ADVANCED MOT CERTIFIED AT THE COST OF THE CONTRACTOR. TTC PLANS SHALL BE SUBMITTED TO THE APPROPRIATE AGENCIES FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION. ALL WORK SHALL BE EXECUTED UNDER THE ESTABLISHED TTC PLAN AND THE REVIEWING AGENCY'S APPROVED PROCEDURES. THE PLAN AND WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

GENERAL AND MISCELLANEOUS NOTES

1. THESE PLANS, DESIGN DOCUMENTS, AND NOTES ARE NOT EXHAUSTIVE. ALL THE APPLICABLE CONSTRUCTION STANDARDS AND DETAILS THAT ARE LISTED, REFERENCED, OR IMPLIED ARE INCLUDED IN THE CONTRACT DOCUMENTS BY REFERENCE.
2. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE REVIEWING AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
3. THE REPAIR OF DAMAGE EITHER ABOVE OR BELOW GROUND BY THE CONTRACTOR OR SUB-CONTRACTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGE WILL BE IN THE OPINION OF THE OWNER, APPLICABLE AGENCY, OR ENGINEER. ALL REPAIRS SHALL BE MADE AT CONTRACTOR EXPENSE IN A MANNER SPECIFIED BY THE PARTICULAR ENTITY.
4. CONTRACTOR IS RESPONSIBLE FOR GRADING ALL PAVEMENT, SIDEWALKS, AND GRADING AROUND BUILDINGS TO DRAIN POSITIVELY. INTERSECTIONS SHALL BE TRANSITIONED TO PROVIDE SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE.
5. CONTRACTOR OR SHALL NOTIFY THE ENGINEER OF ANY OBSERVED AREAS OF POOR DRAINAGE PRIOR TO PLACEMENT OF CURBS OR PAVEMENT COURSES.
6. ALL UNDERGROUND UTILITIES MUST BE INSTALLED, INSPECTED, AND TESTED PRIOR TO PAVEMENT BASE OR SIDEWALK INSTALLATION.

PERMITTING, CONSTRUCTION STANDARDS, SUBMITTALS, REQUESTS FOR INFORMATION, INSPECTIONS, TESTING, PUNCH LISTS, RECORD DRAWINGS, AND AS-BUILTS

1. PERMIT REQUIRED: SURVMD, SITE CLEARING AND DEMOLITION MAY NOT BE ABLE TO BEGIN UNTIL CERTAIN PERMITS HAVE BEEN ISSUED AND MAY REQUIRE PRE-CONSTRUCTION MEETINGS, INSPECTIONS, CLEARANCES. THESE PERMITS ARE TYPICALLY ISSUED BY THE APPLICABLE WATER MANAGEMENT DISTRICT AND THE MUNICIPALITY.
2. OTHER PERMITS ARE REQUIRED PRIOR TO COMPLETING OTHER SITE COMPONENTS SUCH AS THE UTILITY CONSTRUCTION PERMITS, DRIVEWAY CONNECTION PERMITS, ROW USE PERMITS, ETC.
3. CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH AND OBTAINING ALL REQUIRED PERMITS, BONDS, TESTING, INSPECTIONS, CERTIFICATIONS, ETC. PRIOR TO AND DURING CONSTRUCTION (E.G. FDEP GGP, DEWATERING, MOT, WATERSEWER INSPECTIONS).
4. A COMPLETE SET OF PERMITTED DRAWINGS AND SPECIFICATIONS MUST BE MAINTAINED ON SITE AT ALL TIMES THAT THE CONTRACTOR IS PERFORMING WORK.
5. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE CONSTRUCTION STANDARDS APPLICABLE TO EACH PORTION OF THE PROJECT. A SUGGESTED LIST OF APPLICABLE STANDARDS TYPICALLY ACCOMPANY THIS NOTE ON THIS PLAN SHEET.
6. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER INDICATING MATERIALS AND MANNER OF INSTALLATION FOR ALL COMPONENTS OF THE PROJECT PRIOR TO PROCUREMENT OF MATERIALS AND INSTALLATION (E.G. PRECAST STRUCTURES, MANUFACTURED ITEMS). FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. ALL REQUESTS FOR INFORMATION SHALL BE SUBMITTED TO THE ENGINEER FOR RESPONSE BEFORE COMMENCING THE RELATED WORK VIA THE OWNER'S CONSTRUCTION DOCUMENTATION PROCESS.
8. CONTRACTOR IS RESPONSIBLE FOR COMPILING A LIST AND NOTIFY THE CITY OF INSPECTIONS AND FIELD VISITS DESIRED BY THE OWNER AND THE ENGINEER AND REASONABLY SCHEDULING THOSE INSPECTIONS.
9. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND COORDINATING ALL INSPECTIONS REQUIRED BY THE REVIEWING AGENCIES AS LISTED IN THE PERMITS, INSPECTOR'S REQUEST, OR IMPLIED BY THE DESIGN STANDARDS.
10. CONTRACTOR SHALL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING OF MATERIALS, SOILS, UTILITIES, ETC. THE TESTING SHALL BE IN ACCORDANCE WITH THE APPROVED PERMITS, CONSTRUCTION STANDARDS, INSPECTOR'S REQUEST, DESIGN REPORTS, AND STANDARD PAVING AND GRADING TESTING. THIS SHALL INCLUDE DENSITY TESTING IN ALL PAVEMENT AREAS, UTILITY TRENCH COMPACTION ESPECIALLY UNDER ROADS AND OTHER PAVED AREAS, CONCRETE, AND OTHER MATERIALS TESTING.
11. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR ALL RETESTING COSTS AND ANY RECONSTRUCTION REQUIRED TO MEET THE TESTING REQUIREMENTS.
12. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CITY THE SCHEDULE OF PUNCH LIST SITE VISITS WITH THE CONSTRUCTION SCHEDULE TO AVOID REPEAT VISITS. A TIMELINE OF ADDRESSING THE PUNCH LIST ITEMS SHALL BE PROVIDED IN A TIMELY MANNER. ANY DISPUTES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER.
13. RECORD DRAWINGS ARE DEFINED AS NOTES AND OTHER DOCUMENTATION COLLECTED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AS IT RELATES TO INSTALLATION PROGRESS, FIELD CONDITIONS, MEANS, METHODS, DEVIATIONS, AND OTHER VARIATIONS FROM THE CONTRACT DOCUMENTS. THE DOCUMENTATION MUST BE MADE AVAILABLE TO THE OWNER, ENGINEER, AND REVIEWING AGENCIES UPON REQUEST. RECORD DRAWINGS ARE NOT INTENDED TO BE EXHAUSTIVE, HOWEVER, VERIFICATION OF INSTALLED CONDITIONS CAN BE REQUESTED AT THE COST OF THE CONTRACTOR UTILIZING STANDARD METHODS.
14. CONTRACTOR SHALL CONFIRM REQUIREMENTS TO PROVIDE COMPLETE AS-BUILT INFORMATION TO THE OWNER, ENGINEER, AND REVIEWING AGENCIES AT THE COST OF THE CONTRACTOR.
15. AS-BUILTS ARE DEFINED AS A DRAWING PRODUCED BY A REGISTERED LAND SURVEYOR BASED ON FIELD MEASUREMENTS OF THE FINISHED SITE IMPROVEMENTS WITH LOCATIONS, ELEVATIONS, AND DESCRIPTION OF IMPROVEMENTS. THEY SHOULD MEET REVIEWING AGENCIES REQUIREMENTS PER PERMIT AND CLOSEOUT REQUIREMENTS. THEY SHOULD ALSO MEET THE OWNER'S NEED FOR LENDING, WARRANTEE, AND OTHER REQUIREMENTS.
16. AS-BUILTS CONTAIN AT A MINIMUM: BUILDING LOCATION AND FINISHED FLOOR ELEVATIONS, ACCESSIBLE ROUTE AND PARKING GRADES, PAVEMENT GRADE BREAKS, GRAVITY STRUCTURE TOP ELEVATIONS AND PIPE SIZES AND INVERTS, PRESSURE SYSTEM FITTINGS AND VALVES, SAMPLING POINTS, STORMWATER FACILITY TOP AND BOTTOM PERIMETERS AND OTHER FEATURES, OUTFALL STRUCTURE DETAILS, ETC. AND OTHER LOCATIONS WHERE FIELD CONDITIONS DO NOT MATCH THE CONTRACT DOCUMENTS.
17. ADDITIONAL AS-BUILT INFORMATION MAY BE REQUIRED DURING CONSTRUCTION INSTALLATIONS AT CRITICAL AREAS. THIS INCLUDES BUT IS NOT LIMITED TO PIPE CROSSINGS OF WATER MAINS WITH LESS THAN 18 INCHES OF CLEARANCE OR WHEN PARALLEL UTILITIES WITH WATER MAINS HAVE LESS THAN 10 FEET OF CLEARANCE.

WARRANTIES

1. IF NOT SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS, ALL IMPROVEMENTS SHALL BE WARRANTED BY THE CONTRACTOR TO THE OWNER FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. THIS WARRANTY WILL ALSO EXTEND TO THE MAINTENANCE ENTITY OF ANY OTHER IMPROVEMENTS INCLUDING ROADS, SIDEWALKS, UTILITIES, STORM PIPING, ETC. OR TO THE EXTENT REQUIRED BY THEIR APPLICABLE DESIGN STANDARDS.

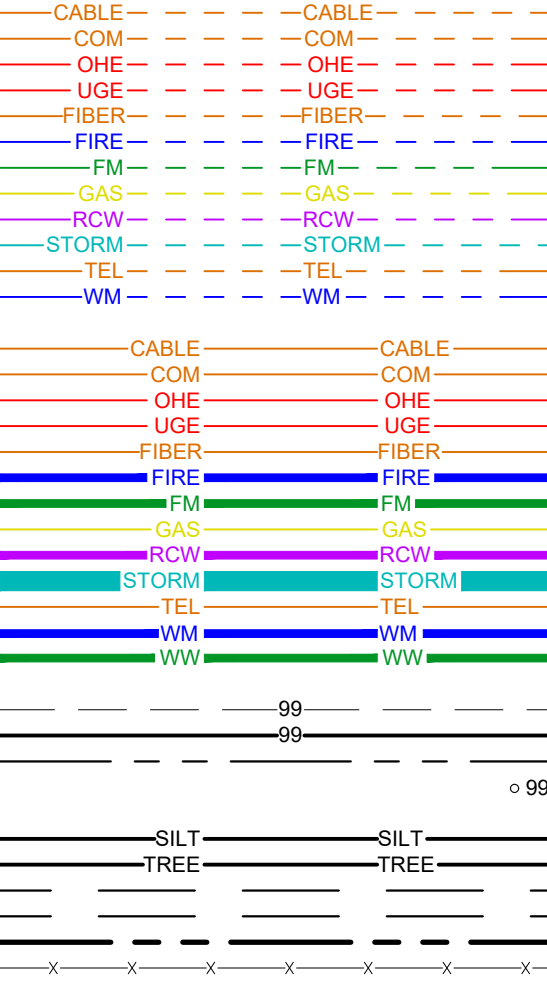
CONSTRUCTION STANDARDS

1. ALL WORK PERFORMED SHALL CONFORM TO THE FOLLOWING:
 - 1.1. STANDARD SPECIFICATIONS FOR THE ROAD AND BRIDGE CONSTRUCTION (JULY 2018)
 - 1.2. FDOT DESIGN STANDARDS (FY 2025-26)
 - 1.3. FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2025-26)
 - 1.4. FDOT PLANS PREPARATION MANUAL (JANUARY 2017)
 - 1.5. FDOT DESIGN MANUAL (FDM) (JANUARY 2024)
 - 1.6. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL (JANUARY 2025)
 - 1.7. FDOT RIGID PAVEMENT DESIGN MANUAL (JANUARY 2022)
2. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE ABOVE REFERENCES STANDARDS, THE CONTRACTOR SHALL IMMEDIATELY CONFER WITH THE REVIEWING AGENCY AND THE ENGINEER OF RECORD IN ORDER TO RESOLVE THE DISCREPANCY.
3. ALL TRAFFIC STRIPING AND MARKINGS IN THE RIGHT-OF-WAY ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
4. REMOVAL OF EXISTING STRIPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD.
5. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT.
6. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

STANDARD ABBREVIATIONS

ADJ	ADJACENT	LONG	LONGITUDE
ALUM	ALUMINUM	LT	LEFT
APT	APARTMENT	MAINT	MAINTENANCE
ASPH	ASPHALT	MAX	MAXIMUM
B&J	BORE & JACK	MES	MITERED END SECTION
BLDG	BUILDING	MH	MANHOLE
BM	BENCHMARK	MIN	MINIMUM
BOC	BACK OF CURB	NO	NUMBER
BOW	BOTTOM OF WALL	MUTCN	MANUAL ON UNIFORM TRAFFIC DESIGN
BSL	BUILDING SETBACK LINE	N	NORTH
CKG	CURB & GUTTER	NA	NOT APPLICABLE
C1	CURVE ONE	NE	NORTH EAST
CATV	CABLE TELEVISION	NG	NATURAL GRADE
CEC	CLAY ELECTRIC COOPERATIVE	NIC	NOT IN CONTRACT
CF	CUBIC FEET	NTS	NOT TO SCALE
CI	CAST IRON	NW	NORTH WEST
CIP	CAST-IN-PLACE	ON CENTER	ON CENTER
CL	CENTER LINE	PE	PROFESSIONAL ENGINEER
CLF	CHAIN LINK FENCE	POB	POINT OF BEGINNING
CMP	CORRUGATED METAL PIPE	POE	POINT OF ENDING
CMU	CONCRETE MASONRY UNIT	PL	PROPERTY LINE
C/O	CLEAN OUT	PR1	PRIMARY
COMM	COMMUNICATIONS	PRM	PERMANENT REFERENCE MARKER
CONC	CONCRETE	PSI	POUNDS PER SQUARE INCH
CY	CUBIC YARD	PUE	PUBLIC UTILITY EASEMENT
DCBP	DOUBLE DETECTOR CHECK BACKFLOW	PUD	PLANNED URBAN DEVELOPMENT
DEG	DEGREES	PVC	POLYVINYL CHLORIDE
DHWL	DESIGN HIGH WATER LEVEL	PVT	PAVEMENT
DUCTILE IRON		RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	REF	REFERENCE
DIM	DIMENSION	ROW	RIGHT OF WAY
DIP	DUCTILE IRON PIPE	RPZBP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
E	EAST	RT	RIGHT
EL	ELEVATION	S	SOUTH
ELEC	ELECTRIC	SW	SIDEWALK
EDP	EDGE OF PAVEMENT	SE	SOUTH EAST
ERCP	ELLIPITICAL REINFORCED CONCRETE PIPE	SF	SQUARE FEET
ESMT	EASEMENT	SG	SWITCH GEAR
EX	EXISTING	SPC	SPACE
FACE OF CURB		SSO	SANITARY SEWER
FDC	FIRE DEPARTMENT CONNECTION	ST	STORM SEWER
FFE	FINISH FLOOR ELEVATION	STL	STATION
FG	FINISH GRADE	STD	STANDARD
FH	FIRE HYDRANT	STL	STEEL
FL	FIRE LINE	SW	SOUTH WEST
FO	FORCE MAIN	SY	SQUARE YARD
FP	FLOOD PLAIN	TBRC	TRAFFIC BEARING RING & COVER
FT	FEET	TEL	TELEPHONE
FUT	FUTURE	TF	TRANSFORMER
GALV	GALVANIZED	TOW	TOP OF WALL
GV	GATE VALVE	TYP	TYPICAL
HC	HANDICAP	UTL	UTILITY
HORIZ	HORIZONTAL	VCP	VITRIFIED CLAY PIPE
HR	HOUR	VEH	VEHICLE
INV	INVERT	W	WEST
LI	LINE ONE	W/	WITH
LAT	LATITUDE	WWW	WATER / WASTEWATER
		WM	WATER MAIN
		WS	WATER SERVICE
		WW	WASTEWATER
		YR	YEAR

GENERAL LEGEND - SEE PLANS FOR ADDITIONAL CALLOUTS

	EXISTING CABLE EXISTING COMMUNICATIONS EXISTING ELECTRIC OVERHEAD EXISTING ELECTRIC UNDERGROUND EXISTING FIBER OPTIC EXISTING FIRE EXISTING FORCEMAIN EXISTING GAS EXISTING RECLAIMED WATER EXISTING STORM EXISTING TELEPHONE EXISTING WATER PROPOSED CABLE PROPOSED COMMUNICATIONS PROPOSED ELECTRIC OVERHEAD PROPOSED ELECTRIC UNDERGROUND PROPOSED FIBER OPTIC PROPOSED FIRE PROPOSED FORCEMAIN PROPOSED GAS PROPOSED RECLAIMED WATER PROPOSED STORM PROPOSED TELEPHONE PROPOSED WATER PROPOSED WASTEWATER EXISTING ELEVATION CONTOUR PROPOSED ELEVATION CONTOUR SWALE CENTERLINE PROPOSED GRADE SPOT ELEVATION SILT FENCE TREE BARRICADE SETBACK BUFFER PROPERTY BOUNDARY EXISTING FENCE
--	--

PRICING :

CONSTRUCTION :

PERMITTING / DESIGN REVISIONS :

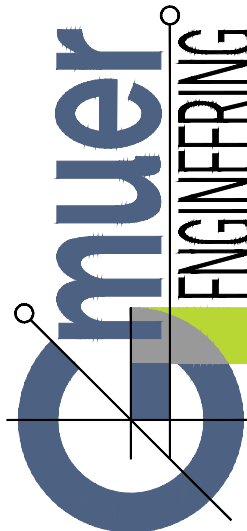
2023-04-28 DRAFT DESIGN
2023-05-19 80% DD PLANS
2023-06-13 90% DD PLANS
2023-07-05 90% DD SUBMITTAL
2023-08-07 100% CDs
2025-08-20 REVISED SITE PLANS

ENGINEER OF RECORD :

CHRISTOPHER A. GMIER

FL PE # 71599

2025-08-13



FL CA # 21533 gmiereing.com (352) 281-4928
2803 NW 13th St, Box 514 Gainesville, FL 32609

CLIENT : BARNETT FRONCZAK BARLOWE & SHULER ARCHITECTS

DESIGN : C.A. GMIER, PE

QUALITY CONTROL : C.A. GMIER, PE

SITE PLAN APP # TBD

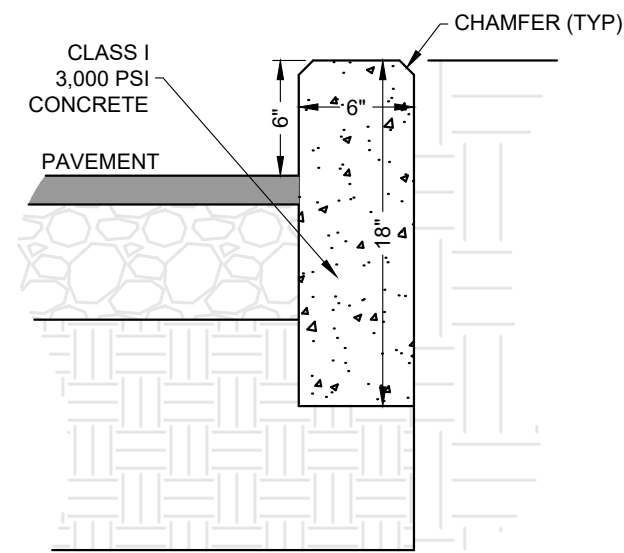
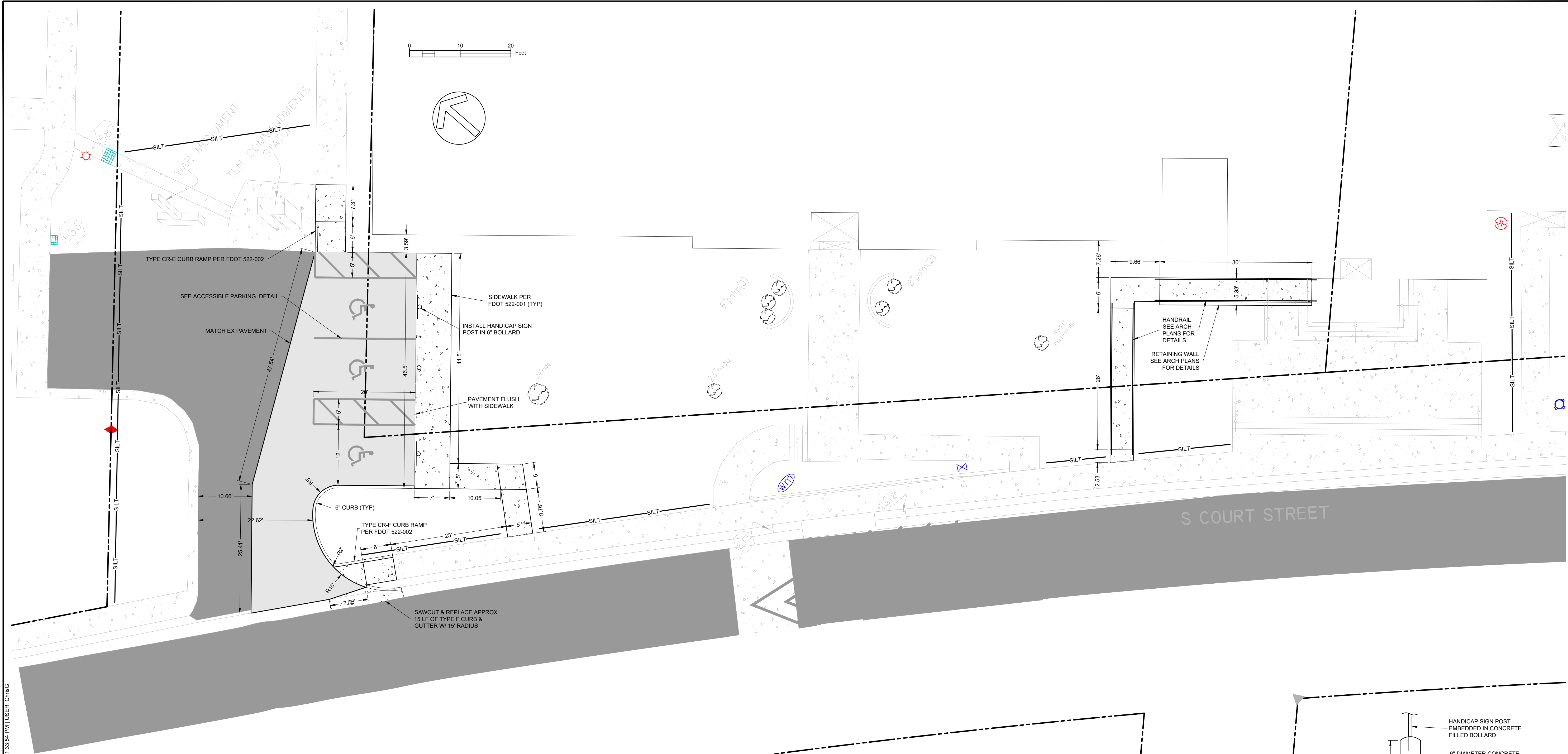
GE'ing PROJECT # 23-0014

LEVY COUNTY COURTHOUSE

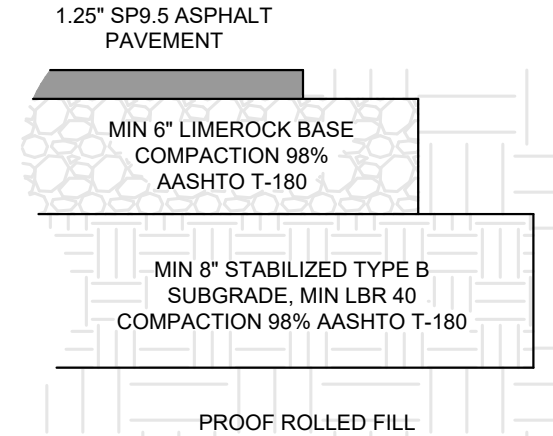
NOTES & LEGEND

C-010

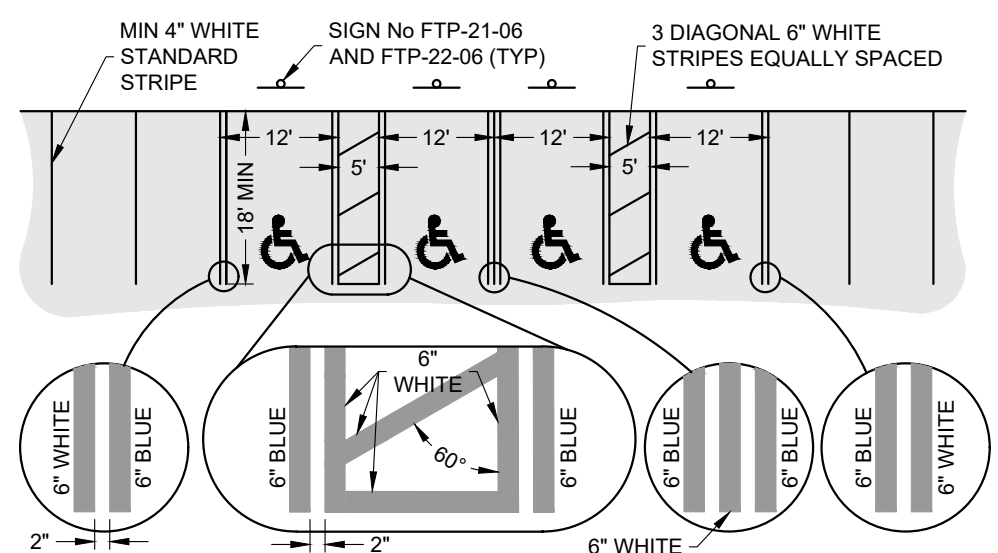
FILE: 23-0014-C-100 SITE DWG (LAST SAVED: 2025-08-13 01:14:54 PM) [PLOT SCALE: 1"=11'] PLOTTED: 2025-08-13 01:33:54 PM | USER: Chm@



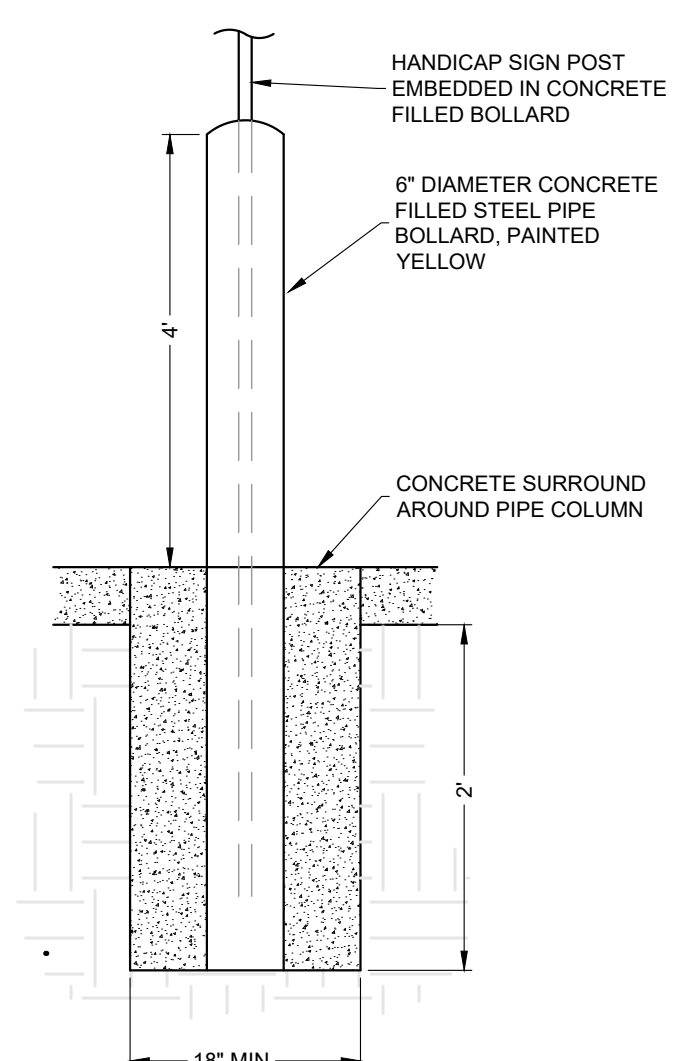
6" CURB DETAIL
NOT TO SCALE



PAVEMENT DESIGN DETAIL
NOT TO SCALE

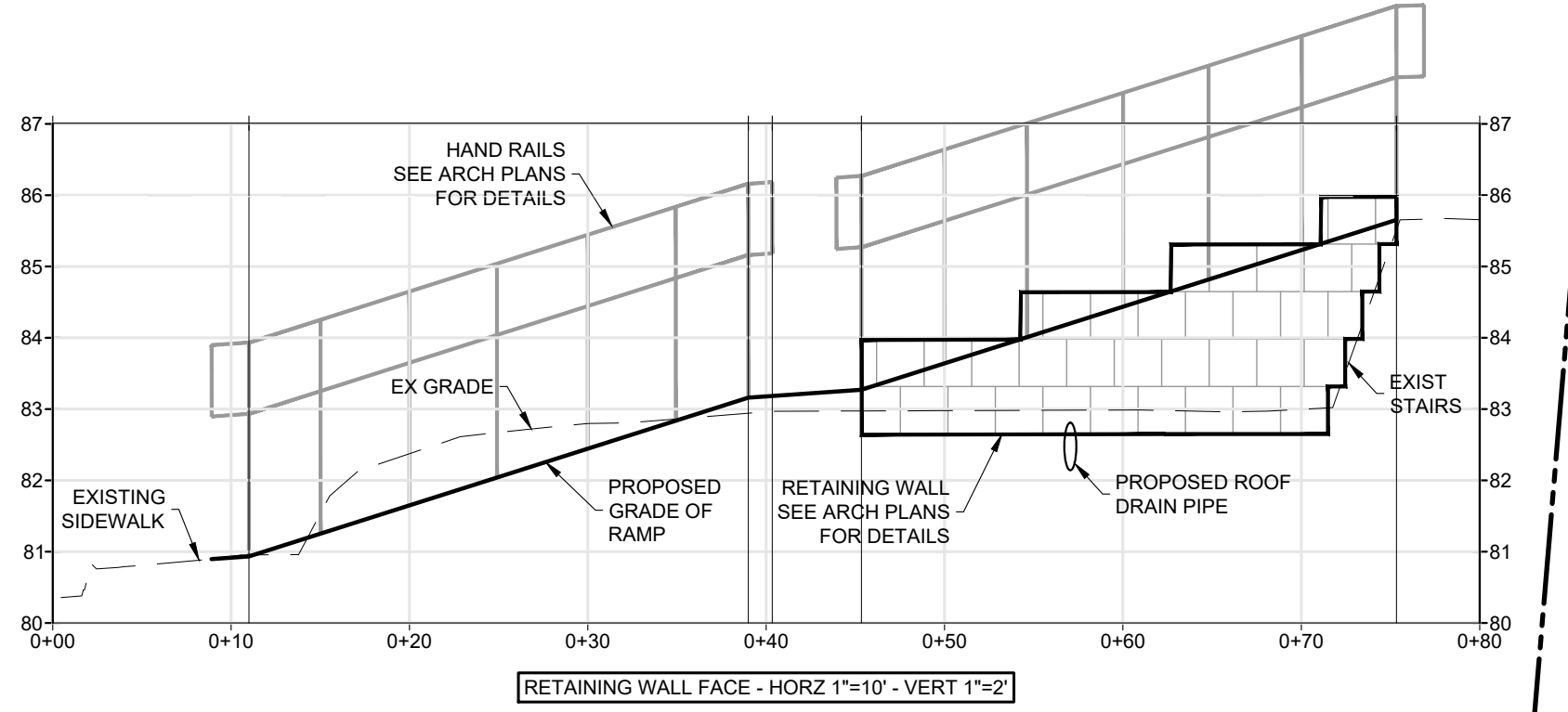
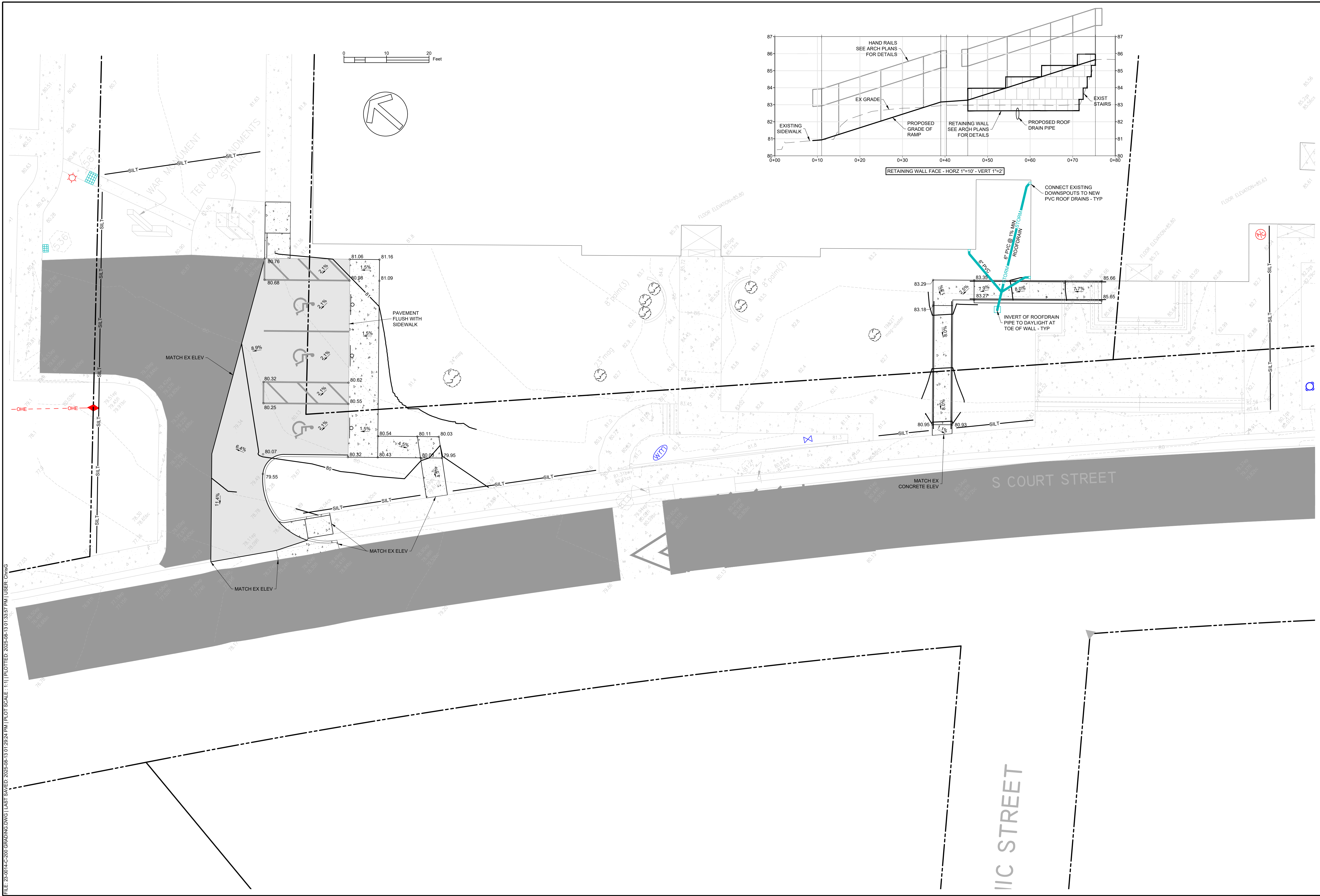


ACCESSIBLE PARKING PAVEMENT
MARKING DETAIL
NOT TO SCALE



TYPICAL HANDICAP
SIGN BOLLARD DETAIL
NOT TO SCALE

PERMITTING / DESIGN REVISIONS:	
2023-04-28 DRAFT DESIGN	
2023-05-19 DD PLANS	
2023-06-05 DD PLANS	
2023-06-05 DD PLANS	
2023-07-05 50% CD SUBMITTAL	
2023-09-07 100% CD	
2025-08-20 REVISED SITE PLANS	
ENGINEER OF RECORD:	
CHRISTOPHER A. GMIER	
FL PE # 71599	
2025-08-13	
CLIENT:	
BARNETT FRONCZAK BARLOWE & SHULER	
ARCHITECTS	
DESIGN:	
C.A. GMIER, PE	
C.A. GMIER, PE	
QUALITY CONTROL:	
SITE PLAN APP #	
GE/ig PROJECT #	
TBD	
23-0014	
LEVY COUNTY COURTHOUSE	
SITE & HORIZONTAL CONTROL PLAN	
C-100	



PRICING:	
CONSTRUCTION:	
PERMITTING / DESIGN REVISIONS:	
2023-04-28 DRAFT DESIGN	
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2023-06-05 50% CD SUBMITTAL	
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ENGINEER OF RECORD:	
CHRISTOPHER A. GMUER	
FL PE # 71599	
2025-08-13	
CLIENT:	BARNETT FRONCZAK BARLOWE & SHULER ARCHITECTS
DESIGN:	C.A. GMUER, PE
QUALITY CONTROL:	C.A. GMUER, PE
SITE PLAN APP #	TBD
GEN'L PROJECT #	23-0014
LEVY COUNTY COURTHOUSE	
GRADING, DRAINAGE, & UTILITY PLAN	
C-200	

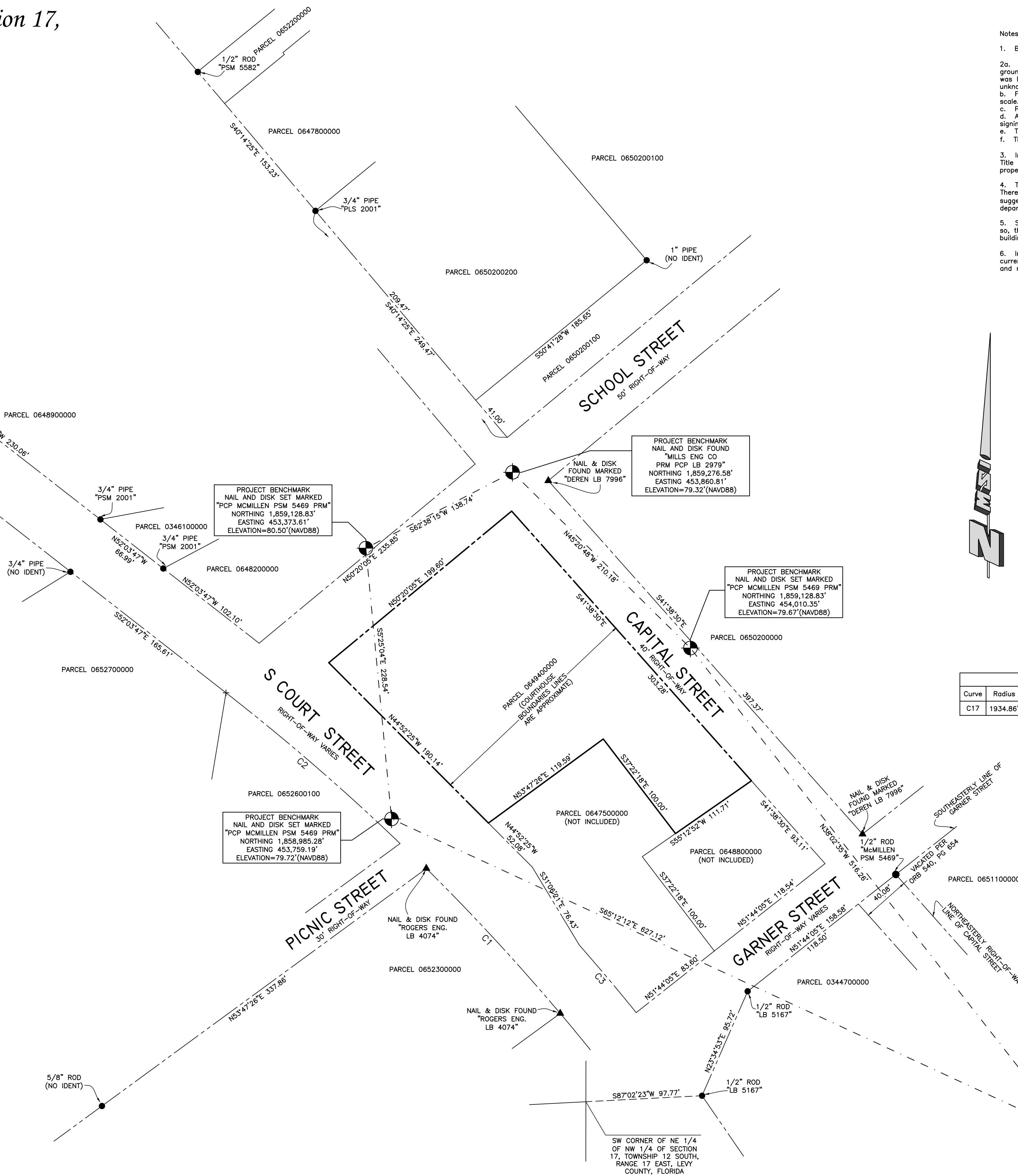
Curve Table						
Curve	Radius	Arc Length	Tangent	Central Angle	Chord	Chord Bearing
C1	1885.23'	165.80'	82.95'	5°02'20"	165.74'	N42°43'59"W
C2	1884.86'	193.57'	96.87'	5°53'03"	193.49'	N49°07'16"W
C3	1934.86'	74.42'	37.21'	2°12'14"	74.42'	N40°06'34"W

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NOTE: THE PRIMARY BENCHMARK USED TO OBTAIN THE VERTICAL INFORMATION SHOWN HEREON IS THE TOP OF A CONCRETE MONUMENT MARKED "R 268 1966" LOCATED AT THE SOUTHEAST INTERSECTION OF NORTHWEST MAIN STREET AND NORTHEAST 5TH PLACE IN LINEAR PARK, WILLISTON, FLORIDA. ELEVATION = 74.74 FEET (NAVD88)



NOTE:
THIS PROPERTY IS LOCATED IN FEDERAL FLOOD
ZONE "X", AREAS DETERMINED TO BE OUTSIDE
THE 0.2% ANNUAL CHANCE FLOOD PLAIN, AS
INTERPOLATED FROM F.I.R.M. PANEL NO. 12075C
0184G, EFFECTIVE: 1/28/2022.



1. Bearings shown hereon are based on the State of Florida State Plane Coordinate System for the Florida Zone.
2. Features and improvements, (i.e. foundations, utilities, septic tanks, etc.) not visible beneath the surface of the ground, have not been located unless specifically depicted or noted hereon. If a septic tank is shown upon the map, it was located by probing the ground only and not by excavation. Additional wells and septic tanks may exist which are not shown on this survey.
3. a. Fences, overhead wires, and symbols shown hereon may be exaggerated for pictorial purposes only and are not to scale.
b. Property lines should not be reconstructed based on distances to improvements.
c. Additions or deletions to Survey Maps by other than the signing surveyor is prohibited without written consent of the signing surveyor.
d. This survey does not reflect or determine ownership.
e. This survey is certified to the date of the data acquisition in the field (shown hereon as survey date), ONLY.
3. Instruments of record reflecting easements, rights-of-way, and/or ownership were furnished to the surveyor via a Title Commitment. No search of the public records has been done by the surveyor for any encumbrances for subject property or adjoining properties.
4. The building setbacks shown hereon were taken from the record plat or information furnished to the surveyor only. Therefore, if no building setbacks are shown hereon, that does not imply that there are none on subject property. It is suggested by the surveyor that all building setbacks (whether shown or not) are verified at the proper building department with the current zoning of the subject property.
5. Subject Property shown hereon may be a division of a parent tract based on information provided by the client. If so, this survey does not guarantee a building permit and it is suggested that all divisions are verified at the proper building department with the current zoning of the subject property.
6. Information from the Federal Emergency Management Agency (FEMA's) Flood Insurance Rate Map shown hereon were current as of the effective or listed date of said map. Map revisions and amendments are periodically made by letter and may not be reflected on said map.

Curve Table						
Curve	Radius	Arc Length	Tangent	Central Angle	Chord	Chord Bearing
C17	1934.86'	74.42'	37.21'	2°12'14"	74.42'	N40°06'34"W

143 STORM WATER MANHOLE
TOP OF RIM ELEVATION=78.27'
NORTHWEST INVERT=66.65'(16"±RCP)
SOUTHWEST INVERT=71.32'(10"PLASTIC)
SOUTHEAST INVERT=66.77'(16"±RCP)

144 AT&T TELEPHONE MANHOLE
TOP OF RIM ELEVATION=79.32'
(UNABLE TO ACCESS DUE TO LID)

327 STORM WATER MANHOLE
TOP OF RIM ELEVATION=79.50"
WEST INVERT=67.45'(16"±RCP)
SOUTHWEST INVERT=73.55'(10"PLASTIC)
SOUTHEAST INVERT=67.50'(16"±RCP)

536 STORM WATER CATCH BASIN
TOP OF GRATE ELEVATION= 76.11'
UNABLE TO ACCESS DUE TO VEGETATION

587 STORM WATER CATCH BASIN
TOP OF GRATE BASIN= 80.47'
UNABLE TO ACCESS (WELDED SHUT)

619 METAL SIGN
"HANDICAP PARKING ONLY"

620 METAL SIGN
"HANDICAP PARKING ONLY"

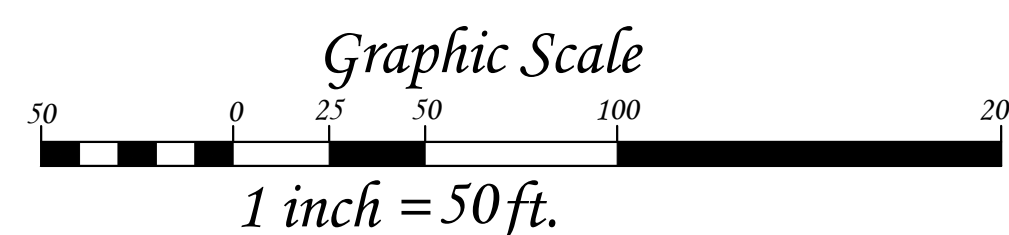
812 METAL SIGN
(CROSS WALK SYMBOL)

813 METAL SIGN
"SPEED BUMP 5 MPH"

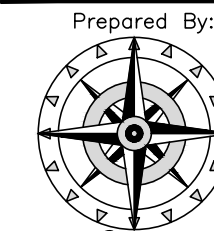
3272 STORM WATER MANHOLE
TOP OF RIM ELEVATION=74.24'
NORTHWEST INVERT=65.97'(16"±RCP)

Survey 1.0

Sheet One of Two



REVISION "A" - TREE LOCATIONS "ADDED" - SJCM - 3/24/2023



McMILLEN SURVEYING, INC.
444 N.W. Main Street
Williston, Florida, 32696
Office: 352 528-6277

For more information please
visit our website
www.mcsurveying.com
or email us at
info@mcsurveying.com

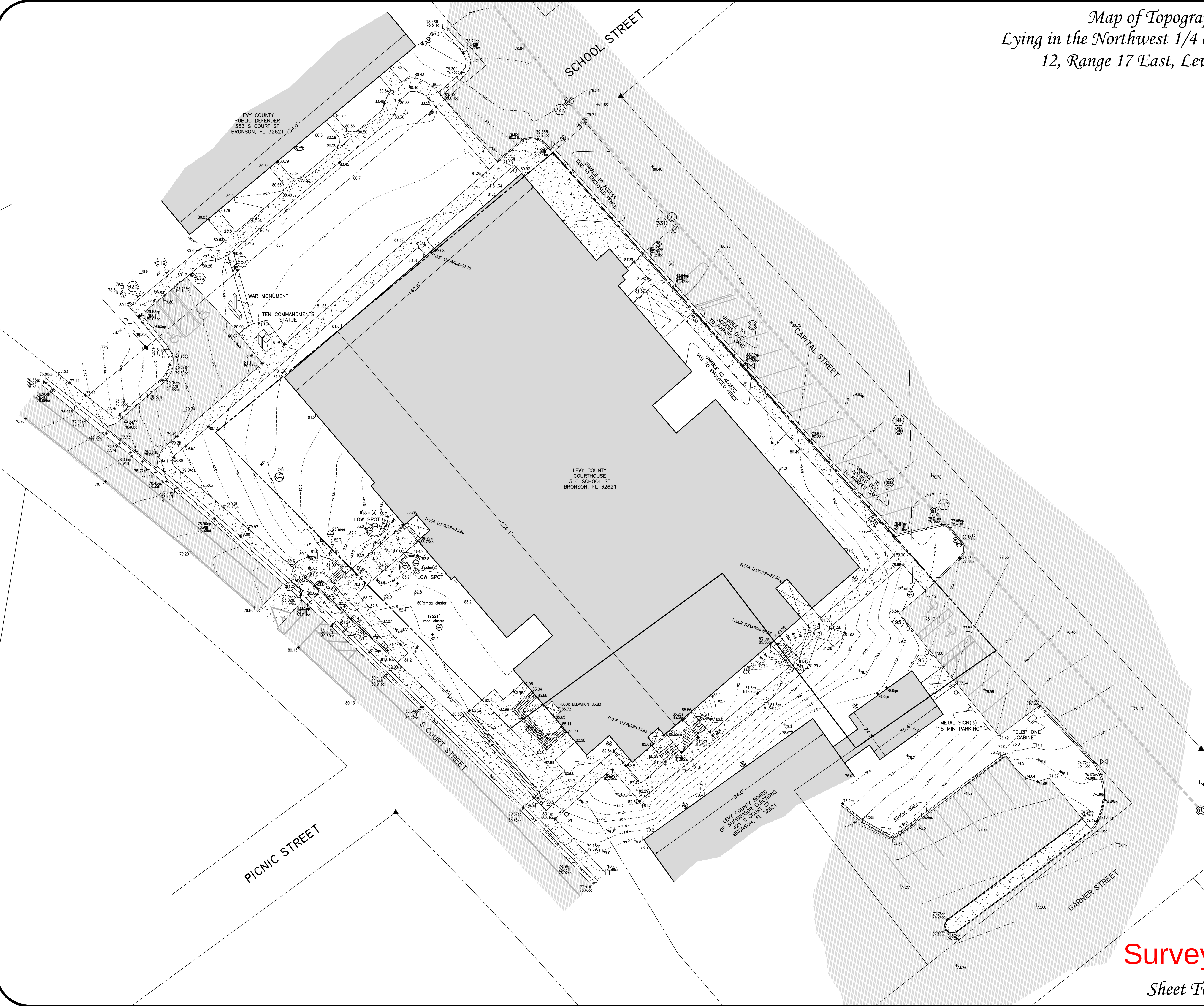
C. This survey meets the Standards of Practice set forth by the Florida Board of Surveyors & Mappers, pursuant to Chapter 5J-17, Florida Administrative Code.

Florida Professional Surveyor and
Mapper License No. LS 5469
Florida Professional Surveyor and
Mapper Business License No. LB 8
NOT VALID WITHOUT THE SIGNATURE
ORIGINAL SEAL OF A FLORIDA
LICENSED SURVEYOR & MAPPER

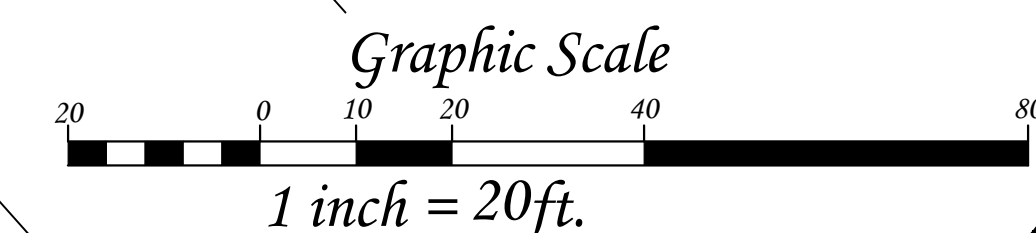


PREPARED FOR:	Scale: 1" = 80'
LEVY COUNTY BOARD OF COUNTY COMMISSIONERS	Proj. No. 2023-046
	Drawn: SJCM
	Chk'd: S.M.M.
	Dwg. Name: 2023-0
	Survey Date: 2/14/2
	Field Book: 204
steve@mcsurveying.com	Pages: 05

Map of Topographic Survey
Lying in the Northwest 1/4 of Section 17, Township
12, Range 17 East, Levy County, Florida



- LEGEND:
- | | |
|---|--------------------------|
| 4"x4" CONC. MONUMENT FOUND (NO IDENT. UNLESS SHOWN) | ANTENNA |
| IRON MARKER FOUND | MAILBOX |
| 1/2" IRON ROD SET MARKED "MCMILLEN P.S.M. 5469" | LIGHT POLE |
| 1/2" IRON ROD SET MARKED "WITNESS P.S.M. 5469" | STRUCTURE TAGS |
| NAIL & DISK SET "FRM PCP "MCMILLEN P.S.M. 5469" | TELEPHONE HANDHOLE |
| UTILITY POLE | SIGN |
| PLAT | ASPHALT |
| MEASURED | CONCRETE |
| PREVIOUS DESCRIPTION | COVERED CONCRETE |
| CALCULATED | BUILDING |
| IDENTIFICATION | DIRT/LIMEROCK DRIVEWAY |
| REFERENCE BEARING | BRICK PAVERS |
| POINT-OF-COMMENCEMENT | COVERED AREA |
| POINT-OF-BEGINNING | STORMWATER CATCH BASIN |
| PUBLIC UTILITY EASEMENT | GROUND ELEVATION |
| PUBLIC UTILITY & DRAINAGE EASEMENT | ASPHALT ELEVATION |
| CHORD | BACK OF CURB ELEVATION |
| BUILDING SETBACK | CONCRETE ELEVATION |
| FENCE LINE | BRICK WALL ELEVATION |
| GLY WIRE ANCHOR | FLOWLINE ELEVATION |
| SATELLITE DISH | STRUCTURE TAGS |
| CLEANOUT | REINFORCED CONCRETE PIPE |
| SANITARY SEWER MANHOLE | OFFICIAL RECORDS BOOK |
| SANITARY SEWER MANHOLE | PLAT BOOK |
| STRUCTURE TAGS | PAGE |
| FIRE HYDRANT | NOT TO SCALE |
| WATER METER | CONCRETE BALLARD |
| PROJECT BENCHMARK | A/C PAD |
| WATER VALVE | CONCRETE STAIRS |
| TREE WITH DESCRIPTION (QUANTITY - IF APPLIES) | |



Survey 2.0

Sheet Two of Two

Prepared By: [Signature]

Scale: 1"= 20'

Proj. No. 2023-046a

Drawn: SJC/M

Chk'd: S.M.M.

Dwg. Name: 2023-046a

Survey Date: 2/14/2023

Field Book: 204

Pages: 05

McMILLEN SURVEYING, INC.

444 N.W. Main Street

Williston, Florida, 32696

Office: 352 528-6277

STRUCTURAL NOTES

GENERAL NOTES

- GN-1 The governing Code for this Project is the Florida Building Code, 7th Edition (2020). This Code prescribes which edition of each referenced standard applies to this Project.
- GN-2 To the best of our knowledge, the Structural Drawings and Specifications comply with the applicable requirements of the governing Building Code.
- GN-3 Construction is to comply with the requirements of the governing Building Code and all other applicable Federal, State, and Local Codes, Standards, Regulations and Laws.
- GN-4 Use these Notes in conjunction with the Plan Specifications or Project Specifications. If a conflict exists, the more stringent governs.
- GN-5 See Plan Specifications or Project Specifications for testing.

GENERAL NOTES - CONTRACTOR REQUIREMENTS

- GN-6 Contractor refers to the General Contractor, Construction Manager, or the organization that is assigned to have overall responsibility and supervision of the Project.
- GN-7 The Contractor shall be solely responsible for, and have control over, the means, methods, supervision, techniques, sequences, procedures of construction, quality, and correctness of the work. The Contractor is solely responsible for jobsite safety including all OSHA requirements.
- GN-8 The Contractor shall coordinate all Contract Documents with field conditions and dimensions and Project Shop Drawings prior to construction. Do not scale drawings; use only printed dimensions. Report any discrepancies in writing to the Architect prior to proceeding with work. Do not change size or location of structural members without written instructions from the Structural Engineer of Record.
- GN-9 Contractors who discover discrepancies, omissions or variations in the Contract Documents during bidding shall immediately notify the Architect. The Architect will resolve the condition and issue a written clarification.
- GN-10 The Contractor shall protect adjacent property, his own work and the public from harm. The Contractor is advised to document the condition of adjacent property with a photographic survey and other documentation, including crack monitoring, prior to and during construction.
- GN-11 The Structure is designed to be structurally sound when completed. The Contractor shall not overload the structure during construction. Prior to completion, the Contractor is responsible for stability and temporary bracing, including, but not limited to, masonry walls. Wherever the Contractor is unsure of these requirements, the Contractor shall retain a Florida Licensed Engineer to design and inspect the temporary bracing and stability of the structure.

GENERAL NOTES - DRAWINGS

- GN-12 The Structural drawings shall be used in conjunction with the architectural drawings and all other drawings and documents, including shop drawings prepared by equipment suppliers and delegated engineers.
- GN-13 Openings shown on Structural Drawings are only pictorial. See the Architectural for complete information such as slab depressions, slopes, curbs, finishes, and opening locations in structural members as required by MEP systems and architectural elements.
- GN-14 Details labeled "typical" apply to all situations that are the same or similar to those specifically referenced, whether or not they are keyed in at each location. Questions regard-ing the applicability of typical details shall be resolved by the Architect.
- GN-15 When joists or beams are not specifically dimensioned, they are located equally between gridlines or equally between dimensioned members.

- GN-16 See Architectural drawings for fireproofing and waterproofing details and requirements.

GENERAL NOTES - DESIGN LOADS

- GN-17 Design Loads:

OCCUPANCY	LIVE LOAD	DEAD LOAD	CONCENTRATED LOAD
Roof Flat	30 psf(For Rain Load)	25 psf	300#
Roof Sloped	See Truss Notes		
Public Areas	100 psf	20 psf	
Public Corridors Above 1st Floor	80 psf	20 psf	1,000#
Terraces	100 psf	5 psf	
Stairs	100 psf	5 psf	300#
Storage	125 psf	10 psf	
Mechanical Room	150 psf	15 psf	
Electrical Room	150 psf	15 psf	
Planter Wet Soil Density	100 pcf		

Live Load reduction for beams, columns and foundations has been taken in accordance to the governing building code. Live Load reduction for slabs and joist is not permitted.

Design superimposed dead loads listed above do not include masonry walls or other concentrated loads. See architectural drawings for these loads. Concentrated live loads do not act concurrently with area live loads.

- GN-18 Handrails and Guards:

Loads shall be applied to act in any direction at any point on the handrail or top rail to produce the maximum load effect. Linear and concentrated loading shall not be applied concurrently. Glass in handrails and guards shall be designed with a safety factor of 4.

- GN-19 Design Rain Loads:

Rain Load	28 psf
Rain Intensity	i = 4.5 in/hr
Static Head	ds = 2 in
Hydraulic Head	dh = 2.5 in

- GN-20 Design Wind Loads:

Governing Code	FBC 7 th Edition (2020) / ASCE 7-16
Building Risk Category	II
Ultimate Wind Speed	Vult = 130 mph
Allowable Stress Design Wind Speed	Vasd = 101 mph
Mean Roof Height	30 feet
Directionality Factor	Kd = 0.85
Gust-Effect Factor	G = 0.85
Exposure	B
Internal Pressure Coefficient	GCpi = +/-0.18

- a. Roof Top Equipment Wind Loads

Horizontal Force	26 psf
Uplift Force	28 psf

All roof top mechanical equipment, equipment curbs, equipment tie downs, including all connections to the building structure for wind loading are to be designed and engineered by a Specialty Engineer retained by the mechanical equipment supplier. Signed and sealed drawings and calculations are to be submitted to the Engineer of Record for review and approval. The equipment manufacture shall provide the attachment of the unit to the structure and submit to the EOR loads, locations, and method of attachment. The EOR will make provisions in the design of the primary structural frame to accommodate the loads and attachments.

SHOP DRAWINGS AND OTHER SUBMITTALS

- SD-1 Refer to the applicable Plan Specifications or Project Specifications for technical content requirements. Incomplete submittals will be returned without review.
- SD-2 Submit specific components, such as columns, footings, etc., in a single package. Submit similar floors together.

- SD-3 On first submittal, clearly flag and cloud all differences from the Contract Documents. On resubmittals, flag and cloud all changes and additions to previous submittal; only clouded items will be reviewed.
- SD-4 Submittals for special structural, load-bearing items that are required by Codes or Standards to resist forces must be prepared by, or under the direct supervision of, a Delegated Engineer. Examples include Open Web Steel Joists, Structural Steel Connections, Structural Cold-Formed Steel Framing, Exterior Enclosure Systems, Roof-top Unit Tie-downs, and Shoring and Reshoring.
- SD-5 A Delegated Engineer is defined as a Florida Licensed Engineer who specializes in and undertakes the design of Structural Components or Structural Systems included in a specific submittal prepared for this Project and is an employee or officer of, or consultant to, the Contractor, Subcontractor, Fabricator, or Erector responsible for the submittal. The Delegated Engineer shall sign, seal and date the submittal, including calculations and drawings. See Plan Specifications or Project Specifications for more specific criteria.
- SD-6 The Trade Contractor is responsible for confirming and correlating dimensions at the job sites, for tolerances, clearances, quantities, fabrication processes and techniques of construction, coordination of the work with other trades and full compliance with the Contract Documents.
- SD-7 The Contractor shall review and approve submittals, including substitution requests and shop drawings, and shall sign and date each drawing prior to submitting to the Architect. This approval is to confirm that the submittal is complete, complies with the submittal requirements and is coordinated with field dimensions, other trades, erection sequencing and constructability. Submittals not reviewed by the Contractor will be returned without review.
- SD-8 Bliss & Nyitray (BNI) reviews submittals to confirm that the submittal is in general conformance with the design concept presented in the Contract Documents. Quantities and dimensions are not checked. Notations on submittals do not authorize changes to the contract sum. Checking of the submittal by BNI shall not relieve the Contractor of responsibility for deviations from the Contract Documents and from errors or omissions in the submittal.
- SD-9 BNI's review of Delegated Engineer submittals is limited to verifying that the specified structural submittal has been furnished, signed and sealed by the Delegated Engineer and that the Delegated Engineer has understood the design intent and used the specified structural criteria. No detailed check of calculations is made. The Delegated Engineer is solely responsible for his/her design, including but not limited to the accuracy of his/her calculations and compliance with the applicable codes and standards.
- SD-10 BNI may transfer to the Contractor BIM files, CAD files or other electronic data for use in preparing Shop Drawings. The contractor shall email a request for BIM or CAD files along with an acknowledgement that he/she has read and agreed to the following terms and conditions:
- This electronic data remains the property of BNI, and in no case shall the transfer of these files be considered a sale. The files shall not be used for other projects, additions to this project, or for completion of this project by others.
 - The Contractor is responsible for assuring that the electronic data accurately represents the Contract Documents. In the event of a conflict, the Contract Documents shall govern.
 - The electronic data is current as of the date of transfer but may subsequently be revised or supplemented. If so, then the Contractor may request updated electronic data.
 - The use of these electronic data shall not modify Contractor's responsibility for coordination with other trades, or for the proper checking and coordination of dimensions, details, member sizes and gage, and quantities of materials to facilitate complete and accurate fabrication and erection.
 - Do not scale dimensions since the electronic data may not be precise and, in some cases, have been intentionally altered for presentation purposes.
 - Contractor shall indemnify, defend and hold harmless BNI from all claims, damages, losses, expenses, penalties, and liabilities, including attorneys' fees, arising out of or resulting from the use of the electronic data by Contractor or others.
- SHALLOW FOUNDATIONS**
- SF-1 Foundation design, soil preparation and compaction are based on Geotechnical Investigation, Data and Recommendations in Report #2005249 by Universal Engineering Sciences dated March 15, 2023.
- SF-2 Footing sizes and reinforcing are based on an allowable soil bearing capacity of 2000 psf. All footings shall bear on compacted fill, natural soil or rock prepared per the Geotechnical Report.
- SF-3 Subgrade preparation shall be field controlled and tested by a Licensed Soils Engineer in accordance with the Geotechnical Report. At completion, that Engineer shall prepare and submit to the Owner, Architect, Contractor and Structural En-gineer a signed and sealed letter indicating that the recommendations of the Geotechni-cal Report have been followed.
- SF-4 Foundation excavations shall be dry prior to placing concrete. Contact Geotechnical Engineer if a dry condition cannot be achieved. Reinforcing in salt-water environment shall be sprayed with fresh water no more than 1 hour prior to concrete placement.
- SF-5 Provide waterproofing of underground structural members as indicated on the Architectural drawings.
- SF-6 Center all footings under their respective columns or walls, u.o.n.
- EXCAVATION, BACKFILL AND DEWATERING**
- EB-1 The Contractor is solely responsible for all excavation procedures including lagging, shoring, and protection of adjacent property, structures, streets and utilities in accordance with the requirements of the local building department and OSHA regulations. Do not excavate within one foot of the angle of repose of any soil bearing foundation unless the foundation is properly protected against settlement.
- EB-2 For basement walls, do not backfill against walls until 7 days after the walls are braced by the structure or are temporarily braced.
- EB-3 Do not backfill cantilevered retaining walls until concrete has attained 100% of its design strength and is 7 days old. Do not backfill until after completion and inspec-tion of any waterproofing.
- EB-4 In no case shall bulldozers or other heavy equipment be permitted closer than 5 feet from any retaining wall. If it is necessary to operate such equipment closer than 8 feet to the wall, the Contractor shall be the sole responsible party and at their own expense shall provide adequate support or bracing of the wall to withstand the additional superimposed loads from such equipment.
- EB-5 The Contractor is responsible for the disposal of all accumulated water in a manner that does not in-convenience or damage the work.
- SLABS ON GRADE**
- SG-1 Refer to Geotechnical Report for subgrade preparation more than 12" below bottom of slab.
- SG-2 Above subgrade, use fill containing not more than 10% passing #200 sieve and maximum 1 inch diameter. Compact to 95% of maximum dry density as determined by modified proctor ASTM D-1557. Each layer of fill shall not exceed 6" loose thickness. Compact prior to placement of the next layer.
- SG-3 Fill placement and compaction shall be monitored and accepted by the testing agency. Take a min. of one field density test (ASTM D-1556 or D-2922) for each 2,500 square feet of each layer. The testing agency shall randomly select test locations.
- SG-4 For interior slabs use 10 mil vapor retarder complying with ASTM E1745 between soil and bottom of slab and install in conformance with ASTM E1643. Lap joints 6" and seal with manufacturer approved tape. Repair all punctures and tears, and seal around all penetrations. Do not use any sheeting below exterior concrete slabs.
- SG-5 Reinforce slabs on grade with welded wire reinforcement supplied in flat sheets only. Use chairs to support wire reinforcement in the center of slab. Fiber reinforced concrete shall not be used at slabs to receive a broom finish.
- SG-6 Provide crack control joints at 10 feet maximum to limit areas between joints to 100 sq. ft. in all floating slabs on grade 2 hours after final finish but not more than 8 hours after completion of the pour. Aspect ratio shall not exceed 1.25. Avoid L-shaped panels. Locate to conform to bay spacing whenever possible, add crack control joints at re-entrant corners which tend to invite cracks.
- SG-7 In sidewalks and walkways, locate isolation joints at 20 ft. o.c. maximum score and tool between isolation joints in equal bays of 5 ft. or less.
- SG-8 See the Architectural Drawings for slab on grade depressions and other requirements.

- SG-9 Termite protection shall be provided by a Registered Termiticides, and a certificate of compliance shall be issued to the building department per the Florida Building Code, section 1816. Refer to the Architectural Drawings for additional information.

REINFORCED CONCRETE

- RC-1 Comply with ACI 301 and 318 and Plan Specifications or Specification Sections 031000, 032000 and 033000.

- RC-2 Provide structural concrete with a minimum ultimate compressive design strength in 28 days as follows:

Element	Strength
Footings	3000 psi
Columns & Poured Walls	4000 psi
Elevated Beams & Slabs	4000 psi
Slabs on Grade	3000 psi

- RC-3 Use normal weight concrete for all structural members. u.o.n.

- RC-4 Provide ASTM A615 Grade 60 reinforcing steel. Reinforcing shall be accurately placed, rigidly supported and firmly tied in place, with appropriate bar supports and spacers. Lap continuous reinforc-ing 48 bar dia. Provide cover over reinforcing as follows:

Element	Bottom	Top	Sides
Footings and Pile Caps	3"	2"	3"
Beams Above Grade	1 1/2"	1 1/2"	1 1/2"
Columns	-	-	1 5/8"
Slabs on Grade	2"	1"	2"
Slabs Above Grade	3/4"	3/4"	1"
Slabs Exposed to Weather	1 1/2"	1 1/2"	1 1/2"
Walls Retaining Fill	-	-	2"
Walls Exposed to Weather	-	-	1 1/2"
Walls - all others	-	-	1"

- RC-5 Provide A706 reinforcing steel when the rebar is to be welded. Do not weld A615 bars.

- RC-6 Deformed Bar Anchor (DBA) shall conform to ASTM A496 with a minimum yield strength of 70,000 PSI. Reinforcing bars, A615 or A706, is not an acceptable substitution for DBA's.

- RC-7 Where specified, provide plain, cold-drawn electrically-welded wire reinforcement conforming to ASTM A185. Supply in flat sheets only. Lap splice two cross wire spacings.

- RC-8 Utilities shall not penetrate beams or columns but may pass through slabs and walls individually, uon. For openings 24" long or less, cut reinforcing and replace alongside opening with splice bars of equivalent area with 48 bar dia. lap. Prepare and submit shop drawings for openings longer than 24". For rectangular openings 12" long or longer, add 1#5 x 6' mid depth diagonal at all 4 corners.

- RC-9 Where reinforcing steel congestion permits, conduit and pipes up to 1" diameter may be embedded in concrete per ACI 318, Section 20.7. Space at 3 diameters o.c. Place in the middle third of the slab depth. If conduits are significantly congested, additional reinforcing perpendicular to piping may be required. Requests to embed larger pipes should be accompanied by a detailed description and be submitted to the architect for evaluation. Aluminum conduits shall not be placed in concrete.

- RC-10 Provide construction joints in accordance with ACI 318, Section 26.5.6. Provide keyways and adequate dowels. Submit drawings showing location of construction joints and direction of pour for review.

- RC-11 Provide 3/4" chamfer for all exposed corners.

- RC-12 Provide reinforcing steel installer with a set of Structural Drawings for field reference. Inspect reinforcing steel placing from structural drawings.

ARCHITECTURAL PRECAST CONCRETE

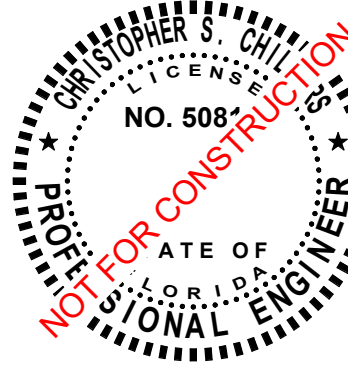
- AP-1 Coordinate precast construction with Architect's drawings and Specifications for dimensions, finishes, color, and other requirements of architectural precast.
- AP-2 Manufacturer/Precaster shall submit shop drawings and calculations verifying design, connections, and details, and include piece marks and placing plans for review prior to fabrication. Shop drawings and calculations shall be signed and sealed by a delegated engineer registered in the state of Florida.
- AP-3 Gravity and lateral connections shown on the drawings are representative. Final connection design and detailing shall be adjustable to allow for vertical movement of the structure and are the responsibility of the precaster delegated engineer. The location of the gravity and lateral connections shown on the drawings shall not be changed unless obtaining written approval from the Engineer of Record. If location of the gravity connections is not shown on the drawings, it should be located at 0.207 x Length of the panel from the ends.
- AP-4 Increase loads by 1.3 for connection design to account for additional eccentricities.
- AP-5 Precast design shall consider stresses induced by dead loads, live loads, wind loads, temperature changes up to 50 degree Fahrenheit, connection restraint, and erection loads. Loads shall include reactions from curtain walls, windows, doors, louvers, and other items attached to the precast panels.
- AP-6 Concrete for architectural precast concrete shall develop a minimum compressive strength of 5,000 psi at 28-days.
- AP-7 Precast units shall be erected to the tolerances specified in Chapter 13 of the PCI Design Handbook, 8th Edition, unless noted otherwise on drawings or specifications.
- AP-8 Deflections of the supporting frame, up to L/240, may occur as panels are erected. Erector shall take frame deflections into consideration to minimize readjustment, realignment, and possible resetting of certain panels in order to meet specified tolerance.

CONCRETE MASONRY

- CM-1 Construct masonry in accordance with Plan Specifications, Specification Sections 042000 and 042200; TMS 402/602 "Building Code Requirements and Specifications for Masonry Structures."
- CM-2 The structure is supported by bearing walls, U.O.N. Erect masonry prior to casting concrete columns within bearing walls or casting beams and slabs supported by bearing walls.
- CM-3 Use nominal 8x8x16, concrete masonry units conforming to ASTM C90. Block net area compressive strength shall be 2,000 psi. Lay masonry in running bond. Sawcut units which are not in multiples of 8". Units shall be at least 8" long. Bond corners by lapping ends 8" in successive courses. Design of walls is based on a fm of 2,000 psi.
- CM-4 Use Type S mortar in accordance with ASTM C270 except use Type M mortar for retaining walls. Head and bed joints shall be 3/8" for the thickness of the face shell. Webs are to be fully mortared in all courses of piers, columns, and pilasters; in the starting course; and where an adjacent cell is to be grouted. Remove mortar protrusions extending 1/2" or more into cells to be grouted.
- CM-5 Use standard (9 gauge - 0.148 inch) horizontal joint reinforcing in every other course. Joint reinforcing and anchors in exterior walls shall conform to ASTM A 153 Class B2, with a coating thickness of 1.50 oz/sf; conform to ASTM A 641 in interior walls. Overlap discontinuous ends 6". Use prefabricated corners and tees. Use ladder tie in walls with vertical reinforcing, otherwise use truss type. Extend joint reinforcing a minimum of 4" into the columns.
- CM-6 Use fine grout conforming to ASTM C476, with a minimum compressive strength of 2500 psi in 28 days. Aggregate to conform to ASTM C404 for fine grout, with slump of 8" to 10". Grout all masonry containing reinforcing, all cells of 4 hour rated walls, bond beams, cells with expansion anchors, and where indicated on the drawings. Allow mortar to cure 24 hours prior to grouting. Provide cleanout openings at the base of cells containing reinforcing steel to clean the cell and to tie the vertical bar to the dowel. In high-lift grouting, use 5'-0" (max.) lifts, with 1/2 hour to 1 hour between lifts. Vibrate each lift and reconsolidate the previous lift.
- CM-7 Use ASTM A-615 Grade 60 reinforcing steel. Reinforce walls where indicated on the drawings and at all intersections, each side of openings and at the ends of walls. Use bar spacers at 10 ft. o.c. where grout pour height exceeds 10 ft. Provide reinforcing dowels of the same size and spacing as vertical reinforcing.



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Tallahassee, Florida 32301
Tel. (850) 222-4454



Christopher S. Childers, P.E. FL Reg. No. 50812
To the best of the Structural Engineer's
knowledge, the Plans and Specifications comply
with the applicable minimum building codes.

BFBS
ARCHITECTS

**LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1**

18440	Drawn By:	TLC
Project Code	Checked By:	CSC

22 AUGUST 2025
Date

CONTRACT
DOCUMENTS

Revisions



STRUCTURAL
NOTES

Tallahassee Florida

S0.1

STRUCTURAL NOTES CONT'D

- CM-8 Reinforced masonry wall construction shall be inspected by an Engineer or Architect in accordance with ACI 530.1/ASCE 6.
- CM-9 Where anchor bolts, wedge anchors or anchors set in epoxy are set in a masonry wall, fill cells with grout for bolted course, one course above and two courses below.
- CM-10 Provide lintels or headers with min. 8" bearing over all masonry openings.
- CM-11 Use pressure-treated wood for wood in contact with masonry.
- POST-INSTALLED ANCHORS - GENERAL**
- AN-1 Substitution requests will be considered for products having an ICC-ES report recognizing the product for the appropriate application. Substitute concrete anchors must be approved for use in cracked concrete. Substitution requests shall include signed and sealed calculations prepared by a Florida Licensed Engineer who demonstrates that substituted product is capable of achieving the equivalent performance values of the design basis product.
- AN-2 Confirm the absence of reinforcing steel by drilling a 1/4" diameter pilot hole for each anchor in non-post-tension applications. For post-tensioned slabs, confirm the absence of reinforcing steel by nondestructive testing prior to drilling holes. Do not cut reinforcing steel without approval of the Structural Engineer.
- AN-3 Install in accordance with manufacturer's printed installation instructions (MPII) (ACI 314-14, 17.8.1). Refer to MPII for appropriate drill size. Clean hole and remove dust.
- AN-4 Anchors listed below may not be used to substitute the specified anchors in a product's Notice of Acceptance (NOA) or Florida Product Approval.
- AN-5 Anchors shall be installed in concrete having a minimum age of 21-days at time of anchor installation (ACI 318-14, 17.1.2)
- POST-INSTALLED ANCHORS - MECHANICAL ANCHORS**
- AN-6 For anchoring into concrete: Wedge-Type Mechanical anchors shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. Pre-approved anchors include Hilti Kwik Bolt TZ, DeWalt Power-Stud+SD1, and Simpson Strong-Bolt 2.
- AN-7 For anchoring into grouted masonry: Wedge-Type Mechanical anchors shall have been tested and qualified for use in accordance with ICC-ES AC01. Pre-approved anchors include the Hilti Kwik Bolt III, DeWalt Power-Stud+SD1, and Simpson Wedge-All.
- AN-8 For drop-in anchors for fastening to the underside of post-tensioned slabs and hollowcore with a maximum embedment of ¾": Pre-approved anchor is the DeWalt Mini-Undercut +.
- POST-INSTALLED ANCHORS - SCREW ANCHORS**
- AN-9 For anchoring into concrete: Screw anchors shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. Pre-approved anchors include the ¼"Ø Hilti KH-EZ and the ¼"Ø DeWalt Screw Bolt +.
- AN-10 For anchoring into grouted or ungrouted masonry: Screw Anchors shall have been tested and qualified for use in accordance with ICC-ES AC106. Pre-approved anchor is the ITW Redhead Tapcon.
- POST-INSTALLED ANCHORS - ADHESIVE ANCHORS**
- AN-11 For upwardly inclined or horizontal anchors, installer shall be certified by the ACI/CRSI Adhesive Anchor Installation Certification Program.
- AN-12 Install adhesive anchors in accordance with manufacturer's requirements for concrete age, temperature, moisture condition, acceptable drilling methods, and hole preparation in conformance with ACI 318-14, 17.8.2.1.
- AN-13 For anchoring into concrete: Adhesive anchors shall have been tested and qualified for use in accordance with ACI 355.4 and ICC-ES AC308. Pre-approved standard cure time adhesives include Hilti RE500v3, DeWalt Pure 110+, and Simpson Set-XP.
- AN-14 For anchoring into grouted masonry: Adhesive anchors shall have been tested and qualified for use in accordance with ICC-ES AC58. Pre-approved anchors include Hilti HIT-HY 200-R, DeWalt PURE110+, and Simpson Set-XP.
- AN-15 Threaded rods for use with adhesive are galvanized ASTM F1554 Grade 36 U.O.N.
- POST-INSTALLED ANCHORS - POWDER-ACTUATED FASTENERS**
- AN-16 Powder-actuated fasteners shall not be used to fasten to concrete or masonry U.O.N.
- AN-17 Powder-actuated fasteners may be used to fasten cold-formed structural steel tracks and clips to walls but not to the underside of concrete or masonry elements where the fastener will be primarily loaded in tension.
- AN-18 Powder-actuated fasteners shall have been tested and qualified for use in accordance with ICC-ES AC70.
- AN-19 For anchoring into structural steel: Pre-approved anchors include the Hilti X-U, DeWalt CSI, and Simpson PDPA, with penetration of the entire tipped-portion of the fastener.
- AN-20 Provide a minimum of two fasteners per connection.
- AN-21 Refer to manufacturer's instructions for installation and appropriate cartridge load.
- AN-22 Provide fastener spacing and edge distance as shown on the Drawings. Minimum fastener spacing is 1 inch and edge distance of 1/2 inch.
- STRUCTURAL STEEL**
- SS-1 Fabricate and erect structural steel in conformance with Plan Specifications or Specification Section 051200, AISC "Specification for Structural Steel Buildings", with Commentary, and all OSHA requirements.
- SS-2 Structural steel shapes shall be fabricated from the following materials:
- A. Rolled W and WT Shapes: ASTM A992, Grade 50.
B. Rolled M, S, C and MC Shapes and Angles: ASTM A36, fy=36 ksi.
C. Plates and Bars: ASTM A36, fy=36 ksi and ASTM A572, fy=50 ksi.
D. Cold-formed Hollow Structural Sections (HSS):

1. Round Sections: ASTM A500, Grade C, fy=46 ksi.
2. Square and Rectangular Sections: ASTM A500, Grade C, fy=50 ksi.

E. Steel Pipe: ASTM A53, type E or S, Grade B, fy=35 ksi.
- SS-3 All connections that are not fully detailed on the drawings or where factored forces are indicated shall be designed by the Fabricator's Florida licensed Delegated Engineer. Submit signed and sealed calculations for review and approval prior to fabrication. See Plan Specifications or Project Specifications Section 051200 for additional information.
- SS-4 All shop and field welding shall conform to the AWS D1.1 Structural Welding Code by the American Welding Society. Use E70 series welding electrodes, u.o.n. where necessary, remove galvanizing or primer prior to welding.
- SS-5 GR A325 and GR A490 bolts shall comply with "Specification for Structural Joints Using High Strength Bolts", including Commentary.
- A. Typical bolts used in structural connections for this Project are 3/4" diameter GR A325N and 1" diameter GR A490N.

B. Tighten bearing-type bolts (GR A325N, GR A325X, GR A490N, and GR A490X) to the snug tight condition as follows:

1. Bolts shall be placed in all holes, with washers positioned as required and nuts threaded to complete the assembly.

2. Compacting the joint to the snug-tight condition shall progress systematically from the most rigid part of the joint.

3. The snug-tightened condition is the tightness that is attained with a few impacts of an impact wrench or the full effort of an ironworker using an ordinary spud wrench.

4. More than one cycle through the bolt pattern may be required to achieve the snug-tightened joint.
- C. Tighten slip-critical bolts (GR A325SC, GR A325TC, GR A490SC, and GR A490TC) to the mini-mum fastener tension indicated in Table 8.1 of the "Specification for Structural Joints Using High Strength Bolts" as follows:
1. Confirm with Architect on which face of the connection the round head of the TC bolt shall be located for exposed connections.

2. Begin final tightening of slip-critical bolts only after a snug-tight joint as described above is achieved. Progress systematically from the most rigid part of the joint.

3. If splined end of tension-control bolts is severed prior to achieving snug-tight joint, remove and replace the fastener assembly.

4. Progress systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

5. Determine tension using either load indicator washers, twist-off tension-control bolts, or a calibrated torque wrench.

At the Contractor's option, slip-critical bolts may be installed in either standard, oversize, or short slotted holes. Design of connections using slip critical bolts is based on a Class A faying surface and oversized holes.

- D. Provide hardened washers conforming to ASTM F436 and place under the part being turned.
- E. Do not reuse or retighten bolts which have been fully tightened. Use only non-galvanized nuts and bolts that are clean, rust-free, and well lubricated. Hex head bolts and nuts shall be wax dipped by the bolt supplier or lubricated with Castrol Industrial Stick Wax. Cleaning and lubrication of ASTM F3125, Grade F1852 and F2280 twist-off tension-control bolts is not permitted.
- F. Where slotted holes are used to accommodate thermal movement, notify the Architect if bolt is expected to hit the end of slot, based on temperature at time of installation.
- G. Store fastener components in sealed containers until ready for use. Reseal open containers to prevent contamination by moisture or other deleterious substances. Store closed containers from dirt and moisture in a protective shelter. Take from protective storage only as many fastener components as are anticipated to be installed during the work shift. Fastener components that are not incorporated into the work shall be returned to protective storage at the end of the work shift. Fasteners from open containers and fasteners that accumulate rust or dirt shall not be used and shall be immediately and permanently removed from the project site.

- SS-6 Use A-307 bolts for all erection bolts and bolts less than 3/4" diameter, u.o.n.
- SS-7 Anchor rods shall be ASTM F1554 Grade 36 with supplementary requirement S1.
- SS-8 Setting base and bearing plates: clean concrete and masonry bearing surface of bond-reducing materials and clean bottom of base and bearing plate.
- A. Set base or bearing plate on wedges or other adjusting devices.

B. Tighten anchor rods after structural steel frame has been plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of base or bearing plate prior to packing with grout.

C. Pack or pour non-shrink grout solidly between bearing surface and base or bearing plate. Ensure that no voids remain. Finish exposed surfaces, protect grout and allow to cure.

D. For proprietary grout materials, comply with manufacturer's instructions.

E. Base plates must be grouted a minimum of 72 hours prior to placing concrete slabs on supporting steel structure.
- SS-9 Cut, drill, or punch holes perpendicular to metal surfaces. Ream holes that must be enlarged to admit bolts as permitted by Architect. Do not enlarge unfair holes by burning or using drift pins.
- SS-10 Space filler beams equally between supports, U.O.N.
- SS-11 Do not splice structural steel members except where indicated on the drawings.
- SS-12 See Architectural and Mechanical Drawings for miscellaneous steel not shown on the Structural Drawings.
- SS-13 Refer to Architectural Drawings and/or Project Specifications for painting and fireproofing of structural steel. Do not paint steel surfaces in contact with concrete or fireproofing.

STEEL JOISTS & JOIST GIRDERS

- SJ-1 Manufacture and erect steel joists, and bridging in accordance with the Plan Specifications or Specification Section 052100, specifications of the Steel Joist Institute (SJI), and all OSHA requirements. Manufacture joists with SJI recommended approximate camber.
- SJ-2 Refer to Plan Specifications or Specification Section 052100 for submittal requirements, including the letter signed and sealed by the Fabricator's Engineer accepting responsibility for designing all of the joists on the project.
- SJ-3 Design joists for wind uplift as shown on the Drawings using the load combinations per the Florida Building Code. All roof joists must be considered Special Joists to resist wind uplift.
- SJ-4 Provide minimum bearing per SJI requirements, and as follow:
- | Joist Type | Min. Bearing on Steel | Min. Bearing on Embed in Conc. | Min. Fillet Weld |
|------------|-----------------------|--------------------------------|-------------------|
| K1-K12 | 2 1/2" | 4" | (2) 3/16 x 2 1/2" |
- SJ-5 Joist at Steel Columns: Comply with all OSHA requirements during erection. Field bolt joists at column lines if structural steel is not framed in two (2) directions. Fasten joists with two 1/2" A307 bolts for K series and two 3/4" GR A325N bolts for LH, DLH, and Joist Girders prior to releasing the hoist cables. Erection bolts may be removed after final welding. If slotted holes are used, slot joist seat, not supporting steel.
- SJ-6 For joists 40 feet or longer, Contractor shall coordinate end connections and bridging requirements during erection per OSHA regulations.
- SJ-7 Brace all joists with steel angle cross-bridging per SJI and OSHA requirements, and as shown on the drawings. Weld bridging to the top and bottom of joists and beams, at intersections, and to all structural members parallel to joists. Horizontal bridging will not be accepted in lieu of diagonal bridging. For joists subject to wind uplift, provide horizontal bottom chord bridging at the first interior panel point in addition to all other bridging.
- SJ-8 Suspended ceiling grid may be hung anywhere along joist bottom chord. Design superimposed dead load which is hung as a concentrated load is limited to panel point locations and maximum 100 pounds. Do not attach permanent suspended loads from joist bridging.

STEEL ROOF DECK

- RD-1 Manufacture and install steel deck in conformance with Plan Specifications or Specification Section 053100 and Specifications of the Steel Deck Institute.
- RD-2 Manufacture steel sheets conforming to ASTM A653, with a minimum yield point of 40 ksi and a G90 protective zinc coating. Minimum deck properties are as follows:
- | Depth | Gage | Sp (in ³) | Sn (in ³) |
|--------|------|-----------------------|-----------------------|
| 1 1/2" | 20 | 0.234 | 0.247 |
- RD-3 Fasten deck to all supports as indicated on Drawings. Fasten side laps as indicated on drawings.
- RD-4 Erect steel deck closures and other light gage material required to produce a completed installation.
- RD-5 Manufacture and install steel deck for a minimum two span condition. One span conditions are prohibited except where specifically shown on the Drawings.
- RD-6 Do not hang ceiling, ducts, light fixtures, equipment, or other items from roof deck.

LIGHT GAGE STEEL FRAMING (CFS) EXTERIOR

- LS-1. Design, detail, fabricate and erect exterior stud construction in accordance with the General Notes and Specification Section 054000 "Cold-Formed Metal Framing". An allowable stress increase for load combinations including wind is prohibited.
- LS-2. Steel Sheet: ASTM A 1003, Structural Grade, Type H, metallic coated, of grade and coating weight as follows:
A. Grade: ST50H.
B. Coating: G90.
- LS-3. Light gage steel framing details shown on contract documents represent a minimum design intent to be followed. Connections shall be designed and detailed by fabricator according to specifications and requirements herein. Minimum gage of members is 18 gage, but not less than that shown on the plans and details.
- LS-4. Submit complete shop drawings and calculations showing method of fabrication, erection procedures, attachment of the system to the building, joints, connections and framing. Calculations and shop drawings shall be prepared, signed and sealed by a Delegated Engineer. See Notes "Shop Drawings And Other Submittals". Calculations are submitted for record only.
- LS-5. Use galvanized steel "C" studs, tracks, angles and straps as shown on drawings and details providing the following minimum section properties:
- C-studs:
3 5/8" 18 gage I=0.694 S=0.365 MR= 8045 in-lb
3 5/8" 16 gage I=0.855 S=0.439 MR=14680 in-lb
4" 18 gage I=0.892 S=0.446 MR=8230
4" 16 gage I=1.098 S=0.549 MR=14900
6" 18 gage I=2.268 S=0.733 MR=16142 in-lb
6" 16 gage I=2.803 S=0.887 MR=29630 in-lb

All tracks to be same gage as studs with minimum of 1-1/4" leg or more.

- LS-6. Max. spacing of lateral bridging for LTGFRM studs shall be 4'-0" for spans greater than eight (8) feet and midspan for shorter spans. Lateral bridging shall also be provided at free ends of cantilevered parapets and near the supports of continuous spans.
- LS-7. LTGFRM connections to structural framing shall be capable of withstanding a min. 250 pounds force in any direction, but not less than that required by calculations. Connect LTGFRM to structural frame so as to minimize in-troduction of flexural and torsional forces in structural members. Provide struts, knee bracing, etc., to stabilize LTGFRM framing as required.
- LS-8. Screws, where required, shall meet the minimum requirements of SAE J-429 Grade 5 and IFI-105. Screws shall have a protective coating equivalent to cadmium or zinc plating, ASTM B766.
- LS-9. Field cutting of LTGFRM framing members shall be by saw or shear. Torch cutting is not permitted.
- LS-10. Splicing of framing components, other than the continuous track at the top and bottom of walls, is not permitted, u.o.n. Splicing of track used in the construction of the jamb, head or sill assemblies of framed wall openings is not permitted. Where splicing of track is necessary between stud spacings, a section of stud shall be placed in the adjoining tracks across the joint and fastened to the flanges at both sides of the wall.
- LS-11. Limit deflections of studs between supports to L/400.

PRE-ENGINEERED COLD FORMED STEEL (CFS) TRUSSES

- LT-1. Design of CFS roof trusses shall conform to the latest edition of "Specifications for the Design of Cold-formed Structural Steel Members" (AISI), all applicable building codes and standards specified in the Structural Notes and specification 054400 or Plan Specification.
- LT-2. Pre-fabricated CFS roof trusses and their connections to each other shall be designed by a delegated engineer for the loads indicated below.
- LT-3. Signed and Sealed calculations and shop drawings showing truss configuration with member sizes and connections, truss layout with piece marks, required truss to truss connections, design loads and erection details must be submitted for review prior to fabrication. Connections may use welds or screws.
- LT-4. Materials: web and chord shall be fabricated from "c" shaped studs, 18 gage minimum or as required by design, and shall meet the requirements of ASTM A653/A653M and ASTM A924 with minimum yield strength of 33 ksi.
- LT-5. See Structural and Architectural Drawings for outline shape and any special conditions/locations of panel points.
- LT-6. Temporary and permanent truss bridging required for truss stability during installation and for maintaining limits of un-braced length required by the truss design are considered part of the light-gage truss system and shall be designed and detailed by the light-gage delegated engineer.
- C. Roof sheathing is adequate to provide lateral support to the top chord.
- LT-7. Truss design Criteria as follows:
- A. Top Chord
a. Dead Load 10 psf
b. Live Load 20 psf

B. Bottom Chord
a. Dead Load 10 psf
b. Live Load 10 psf

C. Maximum Deflection span/360

D. Wind pressures are shown on the drawings.
- LT-8. Handling, erection and bracing of trusses shall not cause twist, distortion or reduction of strength in truss units.
- LT-9. All CFS members shall be zinc coated G60. All welds shall be touched up with a zinc rich protective paint for corrosion resistance.
- LT-10. Use minimum 18 gage galvanized studs.
- LT-11. No field splicing permitted unless specifically detailed by the delegated engineer and approved by engineer of record.
- LT-12. Submit complete shop drawings and calculations prepared, signed, sealed and dated by a Delegated (Specialty) Engineer. As a minimum shop drawings include: materials, connections, erection procedure, and bracing. See notes "Shop Drawings and Other Submittals" for further details

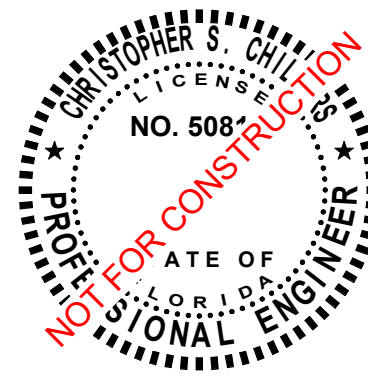
DEMOLITION NOTES

- DE-1 Contractor shall provide all temporary scaffolding, platforms, barricades, railings, screening, etc. necessary to protect existing facilities, structures and the public during demolition and erection of the new construction, as well as, for job safety. Job safety, construction and demolition procedures are the sole responsibility of the contractor, including removal of hazardous material prior to start of the work. Contractor is required to take all precautions to minimize vibration, noise, dust, and debris in all areas adjacent to areas of demolition.
- DE-2 Contractor shall coordinate with Owner the temporary suspension of use of any facility or portion thereof and the associated barricading requirements a minimum of 7 days prior to commencing work.
- DE-3 Contractor shall perform work in a manner which will not conflict with any operation which is to remain functional during the course of the project, until such operation is scheduled to be shut down.
- DE-4 Contractor shall coordinate with Owner the temporary suspension of use of any utility system, a minimum of 3 days prior to commencing work.

NOTES



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Christopher S. Childers, P.E. FL Reg. No. 50812
To the best of the Structural Engineer's knowledge, the Plans and Specifications comply with the applicable minimum building codes.



LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1

18440 Drawn By: TLC
Project Code Checked By: CSC

22 AUGUST 2025
Date

CONTRACT
DOCUMENTS

Revisions



STRUCTURAL
NOTES

Tallahassee Florida

S0.2

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STRUCTURAL NOTES CONT'D

- DE-5 Install all temporary and/or permanent bracing and supports before demolishing any structural element. Wherever the Contractor is unsure of these requirements, the Contractor shall retain a Florida Licensed Engineer to design and inspect the bracing, support, and stability of the structure. Demolition sequence shall not be performed in a manner that will overload existing structural framing.
- DE-6 Provide temporary closure of all roof fascia, wall, and other openings to protect building from exposure to undesirable elements until new construction is weatherproofed, at which time such temporary construction shall be removed. All temporary exterior walls that are subject to wind loads are to be designed by a Florida licensed Delegated Engineer. Submit drawings and calculations for review.
- DE-7 Contractor shall engage a Florida licensed Delegated Engineer to design any temporary protected egress paths shown on the Architectural drawings.
- DE-8 At all locations where new construction will interface with existing elements, cut through existing structure in straight and true lines to insure a neat interface.
- DE-9 Drilling and saw cutting into the existing structure shall be performed in a manner which avoids damage to all existing reinforcing unless approved by the EOR. Prior to drilling or saw cutting, locate existing reinforcing by use of GPR or X-ray to avoid damage. Contractor shall submit penetration layout drawings for openings not shown on the structural drawings. Drawings shall indicate opening size, location, and approximate number of reinforcing steel bars that will be cut for review by the EOR.
- DE-10 All penetrations with widths less than existing reinforcing spacing shall be located to avoid damage to existing reinforcing. Penetrations with widths greater than existing reinforcing spacing shall be located to minimize the number of cut reinforcing.
- DE-11 Refer to details for trenching of existing slab on grade. The Contractor is solely responsible for all excavation procedures including lagging, shoring, and protection of adjacent property, structures, streets, and utilities in accordance with the requirements of the local building department and OSHA regulations. Do not excavate within one foot of the angle of repose of any soil bearing foundation or slab unless the foundation or slab is properly protected against settlement.
- DE-12 At all locations where the demolition of a concrete member leaves the ends of reinforcing steel exposed, provide the following:
- A. Chip concrete from around the steel to a depth of 1" (interior) or 1 3/4" (exterior).
 - B. Cut off reinforcing steel not less than 3/4" (interior) or 1 1/2" (exterior) below the concrete surface.
 - C. Fill the cavity flush with Sikadur 31 Hi-Mod Gel epoxy paste.

DE-13 Upon completion of new construction under each phase, all demolished areas shall be restored to acceptable usage according to the contract documents as determined by the Architect/Engineer.

DE-14 Remove completely from the site and legally dispose of all debris generated by the demolition work as the work progresses. Stockpiling of debris and burning of debris on premises is strictly prohibited.

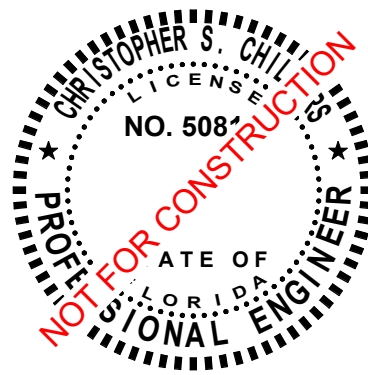
EXISTING CONDITION NOTES

- EC-1 Limited Record Drawings of the existing building were available, or the available existing drawings do not match observed field conditions. Contractor is to field verify existing conditions before proceeding with fabrication and installation of new work.
- EC-2 Contractor shall verify existing conditions which may not be consistent with the existing structure depicted in the plans and details, or which may interfere with the installation of the new structure. Contractor shall assume that some details may have to be adjusted to fit existing conditions once uncovered.
- EC-3 Contractor is to notify the Architect of any discrepancies and shall include the necessary written descriptions, sketches, field measured dimensions, sizes and locations of existing members and photographs to describe the discrepancy.
- EC-4 If the existing conditions once uncovered represent questionable materials, some testing may be required by a testing laboratory to be hired by the owner. BNI will select areas and/or materials to be tested, and the strengthening shall be completed prior to connecting new members to the questionable existing members. The strengthening work will be paid by owner with a change order.

NOTES



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To the best of the Structural Engineer's
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LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1

18440 Drawn By: TLC
Project Code Checked By: CSC

22 AUGUST 2025
Date

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STRUCTURAL
NOTES

Tallahassee Florida

S0.3

STRUCTURAL PLAN SPECIFICATIONS

GENERAL NOTES

- SGN-1 These Plan Specifications are intended to be used for projects without Project Specification Books. If they are accidentally issued along with a Project Specification Books, the Project Specification Books shall supersede the Plan Specifications.
- | | | | |
|------------------|---------------|----------------|----------------|
| RISK CATEGORY | 1.0 MULTPLIER | 0.60 MULTPLIER | 0.42 MULTPLIER |
| Risk Category II | 700 YEAR MRI | 50-YEAR MRI | 25-YEAR MRI |
- SGN-2 The structure is designed for lateral movement of H/400 or better. This drift is based on wind loads with a 50-year mean recurrence interval.
- SGN-3 The floor and roof members are designed for a vertical deflection of L/240 for total load, and L/360 for live load at occupied floors and L/240 at roofs. It is advised that all interior partitions and exterior precast or curtain wall system be attached to the structure by the Delegated engineer, with a connection that would allow for vertical movement.

SHOP DRAWINGS AND SUBMITTALS

- SSD-1 To account for unforeseeable conditions, the Contractor shall provide 1 tons of reinforcing bars, in addition to the material specified on the contract documents. The price shall encompass all cost associated with detailing, fabrication, delivery, and installation. Any unused material shall be credited back to the Owner.
- SSD-2 Material substitution shall not be submitted in the shop drawings without a substitution request being made to the Architect in advance and in writing, along with detailed substitution cost savings to be credited to the Owner. Upon approval by the Architect, the material substitution can be included in the submitted shop drawings.
- SSD-3 All signed and sealed Shop Drawings prepared by a Delegated Engineer shall be accompanied by signed and sealed calculations. Shop Drawing submittals without calculations will be returned without review.
- SSD-4 All structural Shop Drawings shall be submitted in PDF format to BNI for review and approval. Submittals shall be reviewed and electronically stamped by the Contractor as having "No Exception Taken".
- SSD-5 Manufacturer Literature and Product Data shall be submitted in PDF format. The submittals will be stamped as "Received, for record only" by BNI and returned accordingly.
- SSD-6 All structural Shop Drawings and calculations prepared by a Delegated Engineer shall be submitted in PDF format and electronically signed and sealed by the Delegated Engineer. Once the submittal is approved by BNI, then a signed and sealed hard copy shall be submitted to BNI to receive an "Approved" stamp so the submittal can be submitted to the building department.

REINFORCED CONCRETE

- SRC-1 Prepare and submit formwork shop drawings in compliance with ACI 301 and ACI 347R. Formwork design for safety, structural adequacy, and efficiency is the Contractor's responsibility.
- SRC-2 Provide form-facing panels that will provide continuous, true, and smooth concrete surfaces.
- SRC-3 Formwork for the sides of beams, walls, columns and similar elements, that does not support the weight of concrete may be removed after curing at not less than 50 degrees for 24 hours after placing concrete if concrete is hard enough to not be damaged by form removal.
- SRC-4 Prepare and submit reinforcing steel shop drawings prepared according to ACI 315 and ACI SP-66. Include bar sizes, length, material, grade, bar schedules, stirrup spacing, bent bar diagrams, arrangement location of splices, length of splices, tie spacing, hoop spacing and supports of reinforcement.
- SRC-5 Fabricate and install steel reinforcement according to CRSI's "Manual of Standard Practice."
- SRC-6 Clean reinforcement of loose rust and mill scale, earth, ice, and other foreign materials that reduce bond to concrete.
- SRC-7 Repair cut and damaged zinc coatings with zinc repair material according to ASTM A780.
- SRC-8 Submit design mixes for each concrete mix for the following concrete grades:

Element	Strength	Air Yes/No	Max. Aggregate Size	W/C or W/(C&P)*	Exposure Class*
Footing	3000	N	1"	0.64	F0
Wall Footing	3000	N	1"	0.64	P0
Slab on Grade	3000	N	1"	0.64	S0
Columns and Poured Walls	4000	Y	1"	0.54	F1
Elevated Slabs and Beams	4000	N	1"	0.54	C1
Tie Beams & Tie Columns	3000	Y	3/8"	0.62	F1

* Letter in Exposure Category denotes Exposure Class:
F: Freezing and thawing.
S: Sulfate.
P: Requires low permeability.
C: Corrosion protection of reinforcement.

- SRC-9 The minimum portland cement content of any concrete mix with slag cement is 280 lbs/CY, for all other concrete mixes, the minimum portland cement content is 423 lbs/CY. Limit percentage, by weight, of cementitious materials other than portland cement in concrete as follows:
- A. Concrete mixes containing fly ash: 15%-20%.
- SRC-10 Concrete mixes containing slag cement: 40%-50%.
- SRC-11 Concrete mixes containing fly ash and slag cement: 50% with fly ash or slag not exceeding 25%.
- SRC-12 Provide concrete having entrained air content of 3%-5% except 1%-3% for concrete to receive a hard trowel finish (floor slabs).
- SRC-13 Place concrete within 90 minutes of adding water to the mix. The Contractor may request additional time from the special inspector who can authorize an additional 30 minutes.
- SRC-14 The amount of water added to the mix at the site is limited to the amount identified on the batch ticket as that being withheld at the batch plant. Water shall be added prior to initial discharge of concrete. No water can be added at the site if the batch ticket does not clearly identify the amount withheld at the plant. No water may be added once concrete placement has started.
- SRC-15 Provide batch ticket for each ready-mixed batch discharged and used in the Work, indicating Project identification name and number, date, mix type and number, batch time, mix time, quantity, and amount of water added, and amount withheld at the plant. Record approximate location of final deposit in structure.
- SRC-16 Concrete columns shall be cast at least 24 hours before horizontal members they support are cast. Exception: Tie columns and grout in masonry cells shall be cast at least 4 hours before beams are slabs are cast on top of masonry.
- SRC-17 Deposit concrete continuously in one layer or in horizontal layers so that no new concrete will be placed on concrete that has hardened. Avoid inclined construction joints. Consolidate concrete with mechanical vibrating equipment. Do not use vibrators to transport concrete inside forms.
- SRC-18 Cure concrete according to ACI 308.1 and as follows:
- A. Curing Compound: Apply to all concrete surfaces that are not permanently exposed. Provide a second coat applied at 90 degrees to initial application within three hours of initial application.
B. Curing and Sealing Compound: Apply to permanently exposed concrete surfaces. Repeat process after 24 hours.
C. Contractor shall confirm that curing compounds are compatible with flooring finishes and will not adversely affect the performance or warranty of the flooring.
- SRC-19 Sample all concrete after water and admixtures have been added. Obtain at least one composite sample for each 100 CY or fraction thereof of each concrete mix placed daily. For slabs 6 inches or thinner, increase frequency to each 50 CY or fraction thereof of each concrete mix placed daily.

- SRC-20 Cast and laboratory cure one set of four standard cylinder specimens for each composite sample. Take sample at point of placement for pumped concrete.
- SRC-21 Test one specimen at 7-days and three at 28-days. If one of the first two 28-day test falls below specified strength, test the remaining specimen at 56-days.
- SRC-22 Strength of each concrete mix will be satisfactory if the average of two cylinders at 28-days equals or exceeds the specified concrete strength, if not, then the average of any three consecutive strength tests (two at 28-days and one at 56-day) equals or exceeds specified compressive strength and no compressive strength test falls below specified compressive strength by 10% or 500 psi, whichever is less.
- SRC-23 Provide test results to Architect, Engineer, and Concrete Company.
- SRC-24 Contractor shall notify Architect and BNI of any concrete that fails to meet the design strength. Additional testing including destructive testing may be required to validate the in-place concrete strength. Testing with a Swiss Hammer is not an acceptable method of establishing in-place concrete strength.

CONCRETE MASONRY

- SCM-1 Provide structural unit masonry that develops indicated net-area compressive strengths at 28-days. Mortar for unit masonry shall comply with ASTM C270. Contractor shall meet ASTM C270 requirements based on the Property or Performance Specification. Contractor shall determine the net-area compressive strength of masonry based on paragraph 1 or 2.
- A. Determine net-area compressive strength of masonry from average net-area compressive strengths of masonry units and mortar types (unit-strength method) according to Tables 1 and 2 in TMS 602.
1. Preconstruction Testing Service: Owner will engage a qualified independent testing agency to perform preconstruction testing indicated below. Retesting of materials that fail to comply with specified requirements shall be done at Contractor's expense.
- a. Concrete Masonry Unit Test (Property and Proportion Specification): For each type of unit required, according to ASTM C140 for compressive strength.
b. Mortar Aggregate Ratio Test (Proportion Specification): For each mix provided, according to ASTM C780.
c. Mortar Test (Property Specification): For each mix required, according to ASTM C109 for compressive strength.
d. Mortar Test (Property Specification): For each mix required, according to ASTM C780 for compressive strength.
e. Grout Test (Compressive Strength) (Property and Performance Specification): For each mix required, according to ASTM C1019.
- SCM-2 Prepare and submit reinforcing steel shop drawings prepared according to ACI 315. Include bar sizes, length, material, grade, bar schedules, bent bar diagrams, arrangement location of splices, length of splices, tie spacing, hoop spacing and supports of reinforcement.
- SCM-3 Submit grout mix designs complying with material and compressive strength requirements of ASTM C476.
- SCM-4 During construction, cover tops of walls, projections, and sills with waterproof sheeting at the end of each workday. Cover partially completed masonry when construction is not in progress.
- SCM-5 Allow wet masonry units to dry prior to placement.
- SCM-6 Comply with tolerances in TMS 602, and as follow:
- A. In Elevation: +/- 1/4" in story height, +/- 3/4" Max
B. Plumbness: +/- 1/4" in 10 feet, +/- 3/8" in 20 feet, +/- 1/2" Max
C. Location in Plan: +/- 1/2" in 20 feet, +/- 3/4" Max
- SCM-7 Stop work by racking back units in each course from those in the course below; do not tooth. When resuming work, clean masonry surfaces that are to receive mortar, remove loose masonry units and mortar, and wet brick if required before laying fresh masonry.
- SCM-8 Design, provide and install bracing that will assure stability of masonry during construction. Include provisions to protect against wind or other natural or construction forces that might collapse or otherwise damage a partially or completely built masonry wall in a partially completed structure.
- SCM-9 Clean reinforcement of loose rust and mill scale, earth, ice, and other foreign materials that reduce bond to grout.
- SCM-10 Lay masonry units to top of grout pour prior to placing grout. Maximum grout pour height is 12 feet or top of bond beam, whichever is lower.
- SCM-11 Provide cleanouts when grout pour exceeds 5 feet, to tie vertical bars to prevent displacement, and to remove dust, dirt, and mortar droppings.
- SCM-12 Do not place grout until entire height of masonry to be grouted has attained sufficient strength to resist grout pressure. Place grout within 90 minutes of introducing water to the mix. Terminate grout 1 1/2 inches below bond beam course or where cell above is to be grouted.
- SCM-13 Consolidate pours exceeding 12" in height and each lift by mechanical vibration and reconsolidate after initial water loss and settlement has occurred.

STRUCTURAL STEEL

- SSS-1 The Engineer of Record is responsible for the design of the steel framing and the connections that are fully detailed as presented in the Contract Documents.
- SSS-2 The Fabricator is responsible for the preparation of Shop and Erection Drawings pursuant to the requirements of the Contract Documents. All connections that are not completely detailed on the drawings shall be designed by the Fabricator's Delegated Engineer. Submit signed and sealed connection detail and calculations to the EOR for approval prior to submitting shop drawings. Once approved, the connection detail may be incorporated in the shop drawings. The shop drawings are not required to be signed and sealed.
- SSS-3 Shop Drawings: Submit complete erection and piece drawings for each sequence. Drawings shall include complete details, dimensions, schedules, and procedures for the fabrication, assembly, and sequence of construction.
- A. Substitutions: No changes to the completed connections shown on the drawings will be considered without complying with the applicable requirements for substitutions. The fabricator is responsible for the design and detailing of all substitutions, which shall be signed and sealed by a Delegated Engineer as defined in the Contract Documents.
- B. All connections that are designed by the Fabricator's Delegated Engineer for the forces shown on the Drawings shall be designed and detailed under the following criteria:
1. Design all connections for the factored forces indicated on the drawings in accordance with all applicable codes and specifications.
2. Set connection work point at the intersection of member centerlines for all connection design and detailing.
3. The conceptual connections on the drawings show design intent and shall be completed for the member designated forces. Adapt those details to accommodate the atypical conditions. The conceptual connection does not show the complexity of the final connection designed for the required forces.
4. Design, detail, and install stiffeners, continuity plates, doubler plates as required to resist the indicated design forces. The member size is based on member behavior away from the connection.
5. All forces shown on the drawings act concurrently unless noted otherwise.
6. During bidding, if no moment is shown on the drawings, provide full moment capacity of the member of .9 Fy Z; and if no shear is shown, provide full shear capacity of .6 Fy d tw. For missing tension forces, assume 95% of the tension member capacity.
7. Use the same bolt sizes shown on the drawings. All bolts with the same diameter shall be of the same grade. Skip one diameter size for bolts with different grades. Do not use oversized or slotted holes unless approved by EOR.
8. Shop drawings incorporating the design of the Delegated Engineer shall be reviewed and stamped approved by the Delegated Engineer prior to submittal to the EOR.

- C. Acceptance of the Shop and Erection Drawings by the Architect/Engineer does not relieve the Fabricator of the responsibility for accuracy of detail dimensions on the shop drawings and the general fit-up of parts to be assembled in the field
- SSS-4 The fabricator is responsible for the coordination of all surveyed field conditions and field measurements necessary for the detailing, fabrication and erection of their work. All field measurements shall be provided on the shop drawings prior to submittal.
- SSS-5 The Engineer of Record is responsible for the structural adequacy of the structure in the completed project. The Erector is responsible for the means, methods and safety of the erection, including all temporary bracing, guys, beams, falsework, cribbing or other elements required for the erection operation. If the Erector is unsure of these requirements, he shall retain a Florida Licensed Engineer to determine and design all temporary requirements.
- SSS-6 Qualified fabricator with a minimum five years of documented successful experience on equivalent projects. Submit résumé demonstrating equivalent project experience.
- SSS-7 Qualified installer with a minimum five years of documented successful experience on equivalent projects. Submit résumé demonstrating equivalent project experience.
- SSS-8 Comply with fabrication requirements, including tolerance limits, of AISC's "Code of Standard Practice for Steel Buildings and Bridges" for structural steel identified as architecturally exposed structural steel. Fabricate with exposed surfaces smooth, square, and free of surface blemishes including pitting, rust, scale, seam marks, roller marks, rolled trade names, and roughness. Remove blemishes by filling or grinding or by welding and grinding, before cleaning, treating, and shop priming.
- SSS-9 Shop prime steel surfaces except members or portions of members that will be embedded in concrete, surfaces that will receive spray applied fireproofing, members that will be hot dip galvanized, surfaces within 2 inches of welds, facing surfaces of slip-critical bolted connections. Mask off and do not prime a strip 2 inches wide on any surface to receive a row of headed studs or puddle welds.
- SSS-10 Steel members which cannot be readily painted after fabrication, such as back-to-back angles and tees, shall be primed and finish coated, or receive two coats of primer, prior to fabrication.
- SSS-11 Store materials to permit easy access for inspection and identification. Keep steel members off ground and spaced by using pallets, dunnage, or other supports and spacers. Protect steel members and packaged materials from corrosion and deterioration. Do not store materials in a manner that may cause distortion, damage, or overload to members or supporting structures.
- SSS-12 Apply zinc coating by the hot-dip process to structural steel members permanently exposed to the elements indicated on the drawings.
- SSS-13 Set structural steel accurately in locations and to elevations indicated and according to AISC 303 and AISC 360. Maintain erection tolerances of structural steel within AISC 303, "Code of Standard Practice for Steel Buildings and Bridges."
- SSS-14 On exposed welded construction, remove erection bolts, fill holes with plug welds and grind smooth at exposed surfaces.
- SSS-15 Shop Inspections by Fabricator: The Fabricator shall provide a system of quality control, including shop welding inspections and testing, to ensure that the minimum standards specified herein are attained. Submit to Owner, Architect, Engineer and Owner's Testing and Inspection Agency complete details of the quality control program to be used and all testing and inspection reports. Visually inspect 100% of shop welds. Also, as a minimum, perform non-destructive tests of welds in conformance with AWS D1.1 as follows:
- A. Splices: 100%.
B. Full penetration welds: 100%.
C. Partial penetration welds: 50%.
D. Fillet welds: 5%.
- SSS-16 Shop Inspections by Owner: Owner's Testing Agency may perform visual inspection of all shop welds for compliance with Contract Documents. Perform random non-destructive tests of welds in conformance with Section 6 of AWS D1.1 as may be required by Architect as follows:
- A. Full penetration welds: 25%.
B. Partial penetration welds: 15%.
C. Fillet Welds: 5%.
- Deficient welds shall be repaired and reexamined.
- SSS-17 Field Inspections: Owner's Inspector shall perform visual inspection of all field welds for compliance with Contract Documents. Owner's Testing Agency shall perform non-destructive tests of welds in conformance with Section 6 of AWS D1.1 as may be required by Architect, but not less than:
- A. Splices: 100%.
B. Full Penetration Welds: 100%.
C. Partial Penetration Welds: 50%.
D. Fillet Welds: All welds that do not pass the visual inspection.
- Deficient welds shall be repaired and reexamined.
- SSS-18 Repair damaged or missing galvanizing with Zinc-Clad Cold Galvanizing by Sherwin-Williams or Cold Galvanizing Compound by ZRC with a minimum dry film thickness of 3 mils.
- SSS-19 Clean slag from welds, clean bolted connections, and abraded areas of shop paint immediately after erection. Apply paint to exposed areas where primer is damaged or missing with the same material as used for shop painting to comply with SSPC-PA 1. Clean and prepare surfaces by SSPC-SP 2 or SSPC-SP 3.

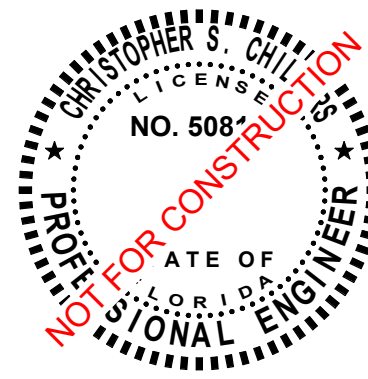
STEEL JOISTS

- SSJ-1 Submit shop drawings showing layout, mark, number, type, location and spacing of joists. Include joist length, camber, joining and anchorage details, bracing, bridging, accessories; splice and connection locations and details; and attachments to other construction. Indicate loads on all special joists, including loading diagrams and wind net uplift pressures. Comprehensive engineering analysis of special joists shall be signed and sealed by a Florida Licensed Engineer responsible for its preparation. Do not fabricate or erect joists prior to approval of shop drawings.
- SSJ-2 The Fabricator is responsible for designing and detailing all joists and seats, particularly special joists, in accordance with the Contract Documents and SJI requirements. This work shall be done by a Florida Licensed Engineer experienced in similar work and retained by the Fabricator. Prior to the first submittal, this Engineer shall submit a signed and sealed letter stating that the Engineer accepts responsibility for design and detailing of all joists on the Project. The drawings do not require signature and seal.
- SSJ-3 Design roof joists for a maximum roof live load vertical deflection of L/360, and maximum vertical deflection of L/240 for combined roof live and wind load.
- SSJ-4 Shop prime all joists and accessories U.O.N. Primer must be compatible with fireproofing, where applicable.
- SSJ-5 Furnish ceiling extensions, either extended bottom-chord elements or a separate extension unit of strength to support ceiling construction as shown on the Architectural drawings. Extend ends to within 1/2" of finished wall surface, U.O.N.
- SSJ-6 When it is necessary for the erector to climb on the joists, extreme caution must be exercised since unbrided joists may exhibit some degree of instability under the erector's weight. The contractor shall provide means for adequate distribution of concentrated loads so that the carrying capacity of any joist is not exceeded. Erection must comply with OSHA requirements and SJI Technical Digest #9, "Handling and Erection of Steel Joists and Joist Girders". Construction safety is the sole responsibility of the Contractor.
- SSJ-7 The Contractor shall ensure that no cuts or holes are made in the members of the erected joists for attachment of ceiling, ducts, pipes, or any other items not specifically shown in the contract drawings. Use of powder driven fasteners in joist diagonal and bottom chord members is prohibited.

NOTES



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Tel. (850) 222-4454



Christopher S. Childers, P.E. FL Reg. No. 50812
To the best of the Structural Engineer's knowledge, the Plans and Specifications comply with the applicable minimum building codes.



LEVY COUNTY COURTHOUSE ADDITION - PHASE 1

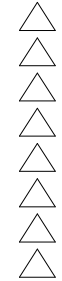
18440	Drawn By:	TLC
Project Code	Checked By:	CSC

22 AUGUST 2025

Date

CONTRACT DOCUMENTS

Revisions



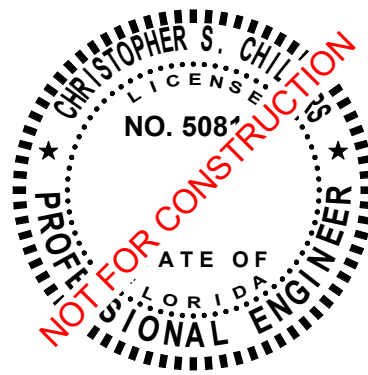
STRUCTURAL PLAN SPECIFICATIONS

Tallahassee Florida

S0.4



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To the best of the Structural Engineer's
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STRUCTURAL PLAN SPECIFICATIONS CONT'D

- SSJ-8 Do not hang any elements from the joists except ceiling, ducts, pipes or other items specifically shown on the Contract Documents. Heavy pipes, ducts, or other equipment hung from steel joists may require additional joist reinforcement and shall be referred to the Architect for framing. Ceiling weighing 3 psf or less may have the grid hung anywhere along the joist bottom chord. Ceilings weighing more than 3psf, and all pipes, ducts, and other mechanical, electrical, and plumbing equipment suspended from the joists shall have the hanger attached at a joist panel point only, except as approved otherwise in writing by the Architect.
- SSJ-9 After installation, promptly clean, prepare, and prime or reprime field connections, rust spots, and abraded surfaces of prime-painted joists, bearing plates, abutting structural steel and accessories. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure joists and accessories are without damage or deterioration at time of Substantial Completion.

STEEL DECK

- SFR-1 Submit shop drawings showing layout and types of deck panels, anchorage details, reinforcing channels, deck openings, special jointing, accessories, and attachments to other construction.
- SFR-2 Protect steel deck from corrosion, deformation, and other damage during delivery, storage, and handling. Stack steel deck on platforms or pallets and slope to provide drainage. Protect with a waterproof covering and ventilate to avoid condensation.
- SFR-3 Examine supporting frame and field conditions for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.
- SFR-4 Place deck panels flat and square and fasten to supporting frame without warp or deflection. Cut and neatly fit deck panels and accessories around opening and other work projecting through or adjacent to decking. Provide additional reinforcement and closure pieces at openings for strength, continuity of decking, and support of other work.
- SFR-5 Locate deck bundles to prevent overloading of supporting members. Place deck panels on supporting frame and adjust to final position with ends accurately aligned and bearing on supporting frame before being permanently fastened. Do not stretch or contract side-lap interlocks.
- SFR-6 Prepare and repair damaged galvanized coatings on both surfaces of floor deck and bottom or roof deck with galvanized repair paint according to ASTM A780 and manufacturer's written instructions. Provide final protection and maintain conditions to ensure that steel deck is without damage or deterioration at time of Substantial Completion.
- SFR-7 Field welds will be subject to inspection and testing by qualified testing agency. Remove and replace work that does not comply with requirements.

STEEL ROOF DECK

- SRD-1 Install roof deck with 1 ½ inch end bearing and with end joints lapped 2 inches.



LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1

18440 Drawn By: Author
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22 AUGUST 2025
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CONTRACT
DOCUMENTS

Revisions

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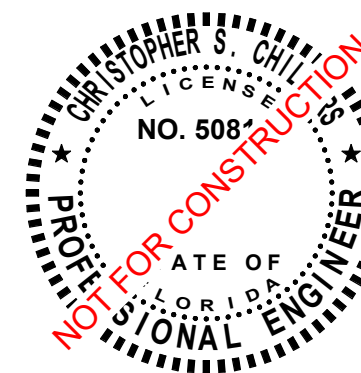
STRUCTURAL PLAN
SPECIFICATIONS

Tallahassee Florida

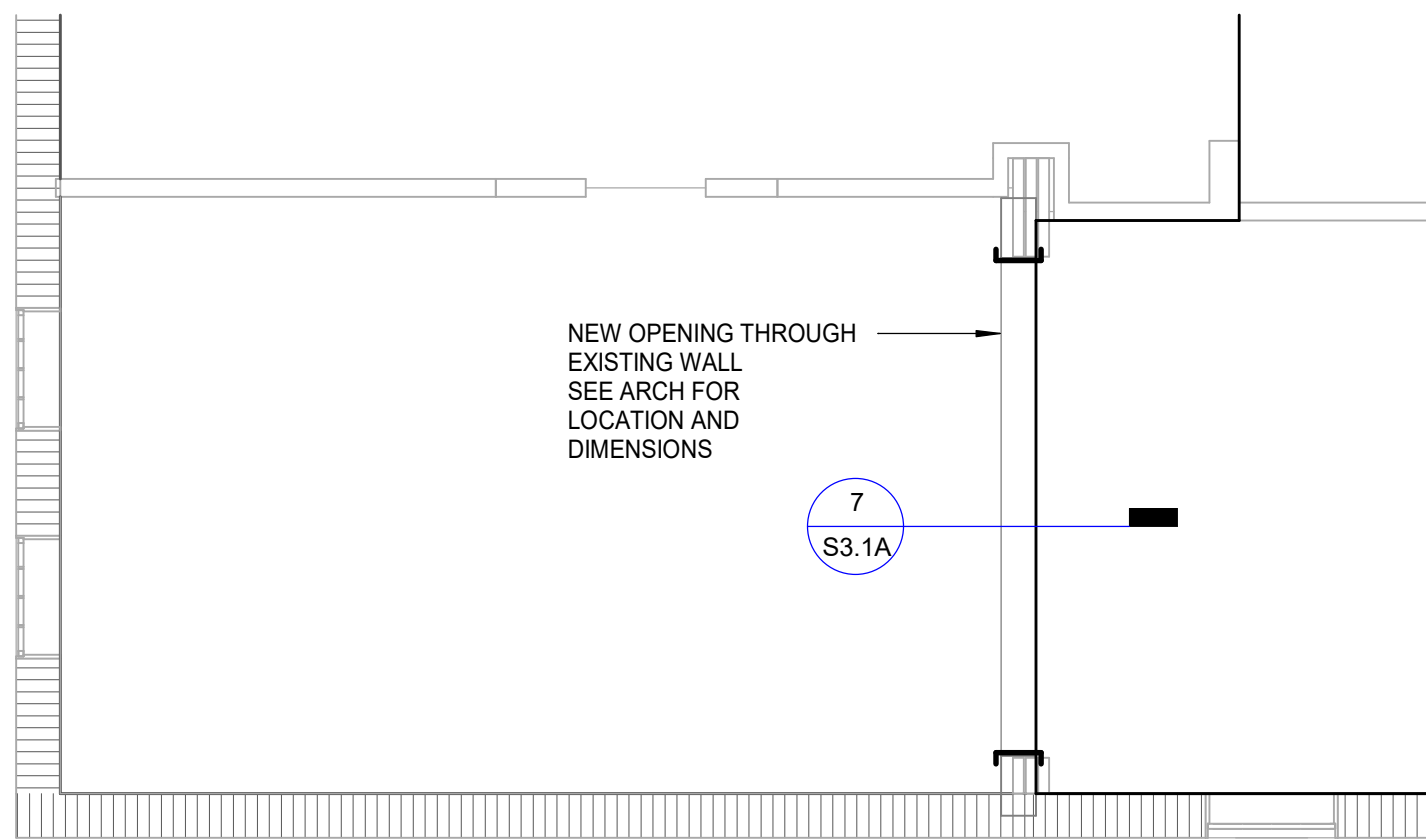
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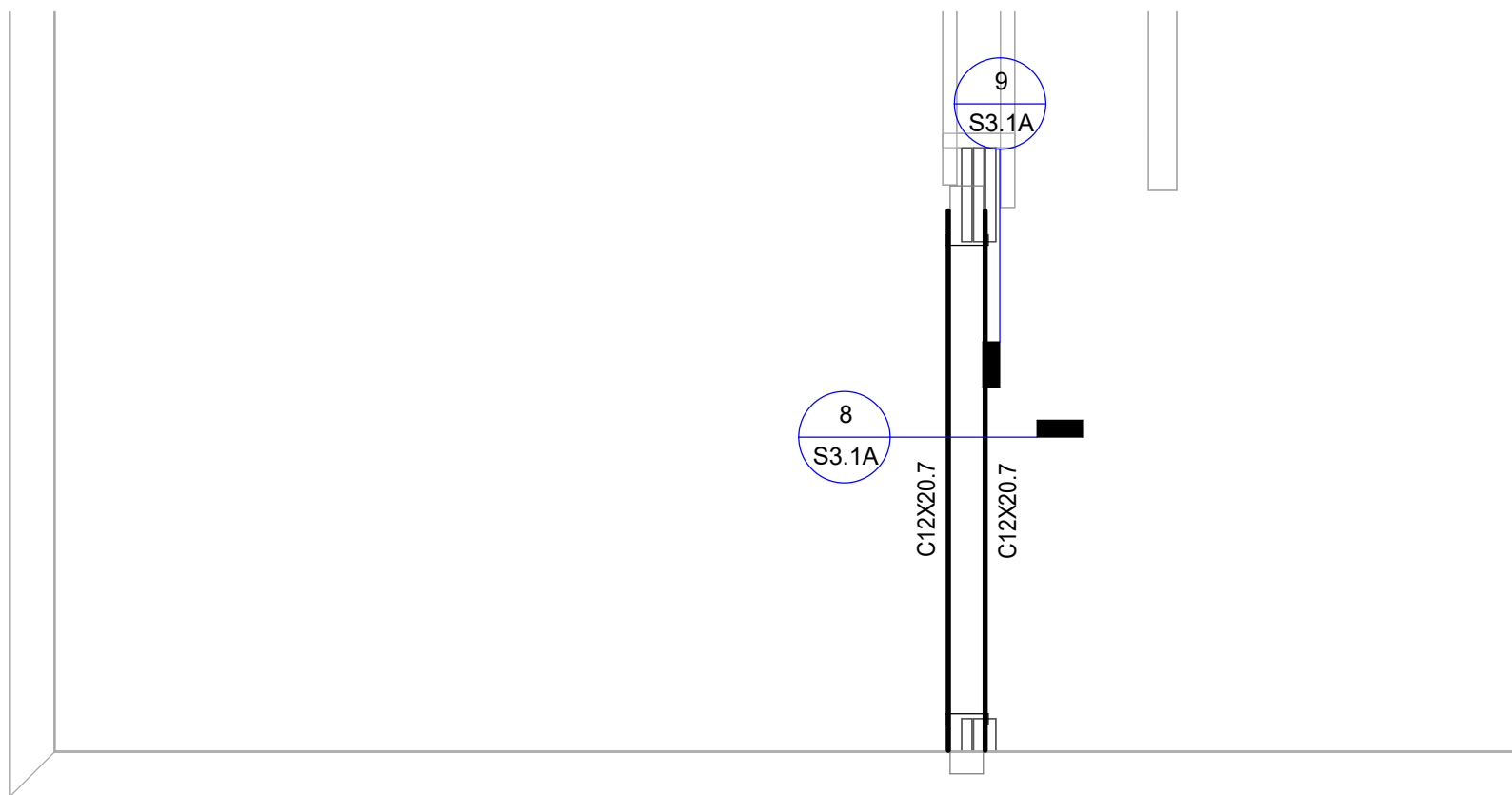
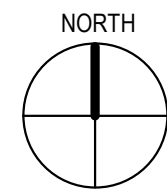
Christopher S. Childers, P.E. FL Reg. No. 50812
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knowledge, the Plans and Specifications comply
with the applicable minimum building codes.



PARTIAL GROUND FLOOR PLAN

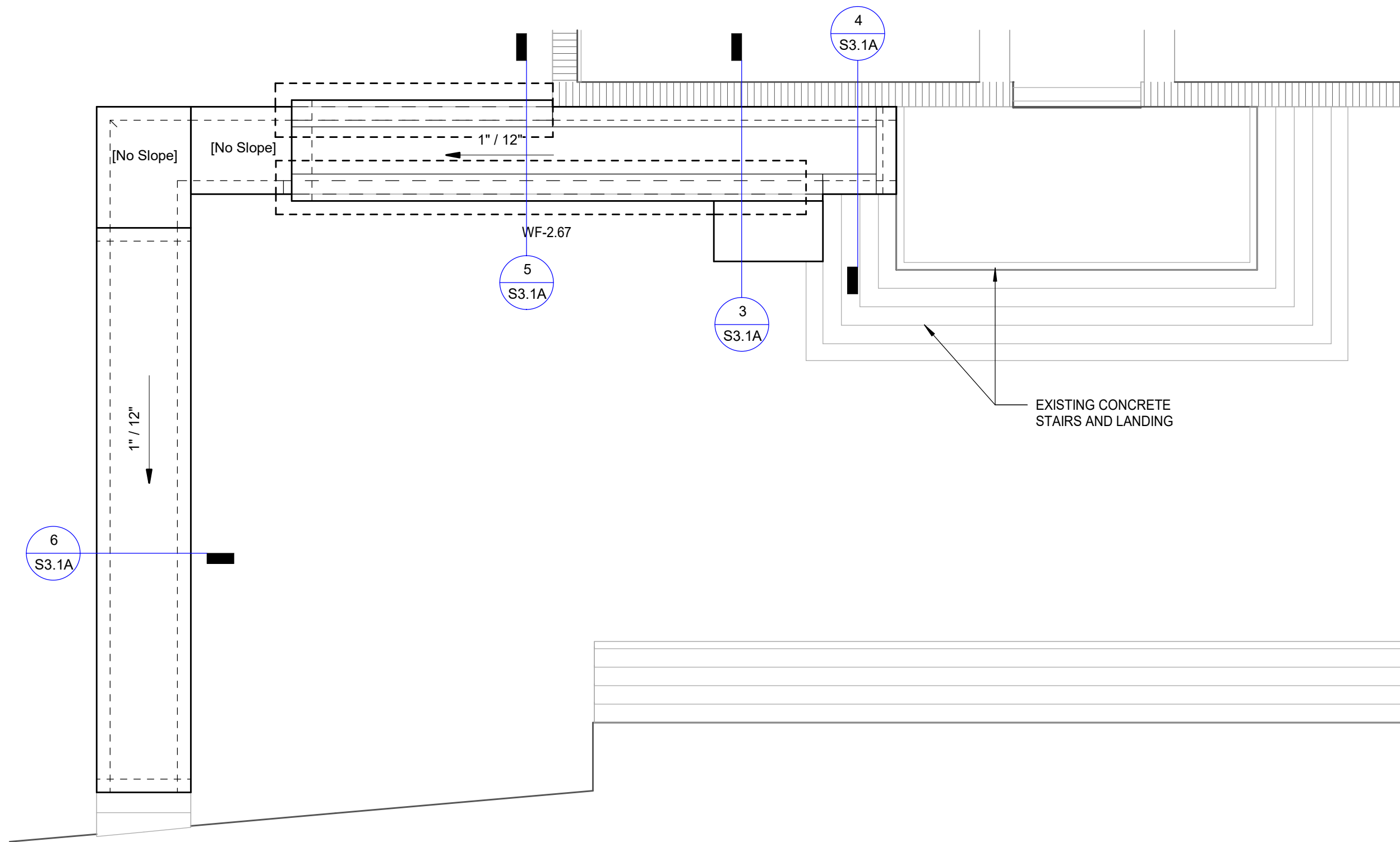
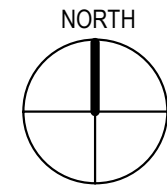
T.O.SLAB = +0'-0" U.O.N.
T.O. FDN = -4'-0" U.O.N.

3/16" = 1'-0"



2ND FLOOR FRAMING PLAN

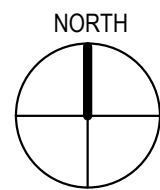
3/16" = 1'-0"



PARTIAL FDN AND GROUND FLOOR PLAN

T.O.SLAB = +0'-0" U.O.N.
T.O. FDN = -4'-0" U.O.N.

3/16" = 1'-0"



MASONRY REINFORCING NOTATION

#5 VERTICAL REINFORCING @24" O.C.
M8-524
8" MASONRY
MASONRY SHOWN ON THIS PLAN IS
M#-### U.O.N.
LOAD BEARING MASONRY
NON-LOAD BEARING MASONRY

PLAN LEGEND:

WF-# DENOTES WALL FOOTING
F-## DENOTES SPREAD FOOTING
TC-# DENOTES TIE COLUMN
DENOTES CONCRETE COLUMN

BFBS
ARCHITECTS

LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1

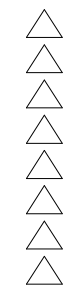
18440 Drawn By: TLC
Project Code Checked By: CSC

22 AUGUST 2025

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PLANS

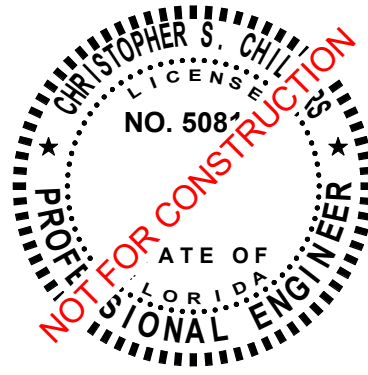
Tallahassee Florida

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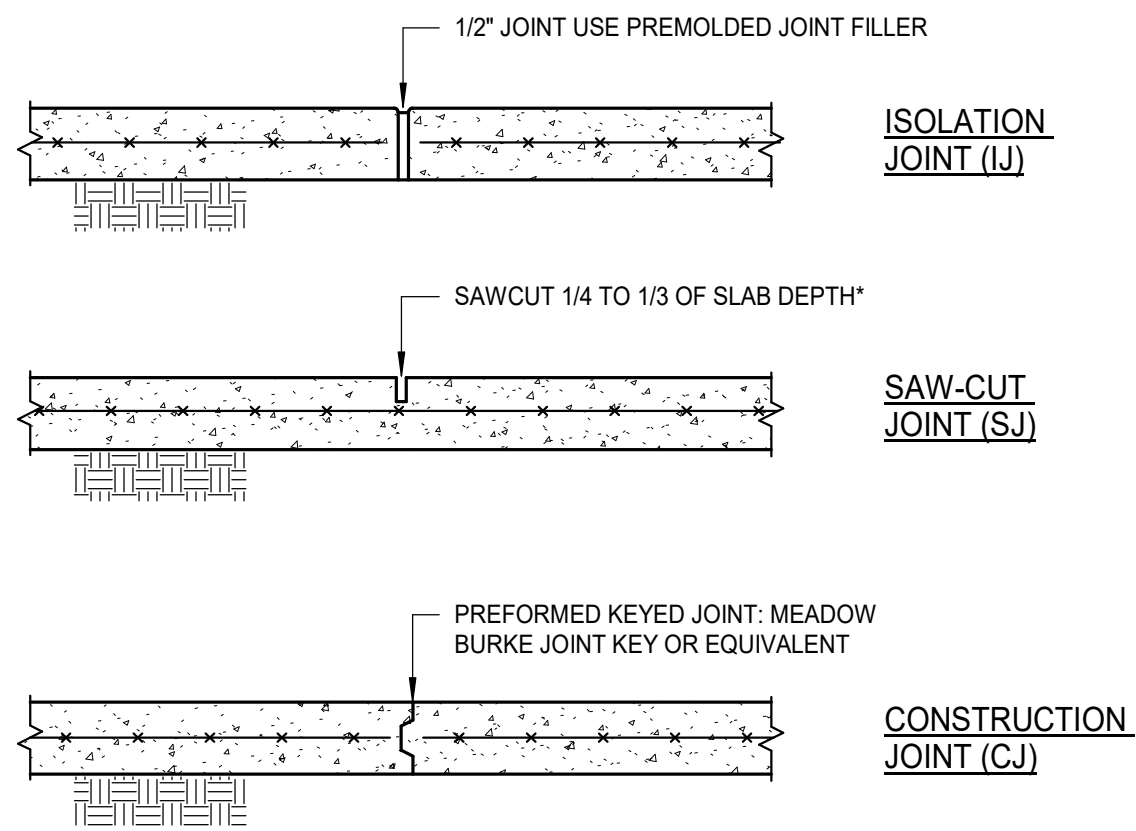
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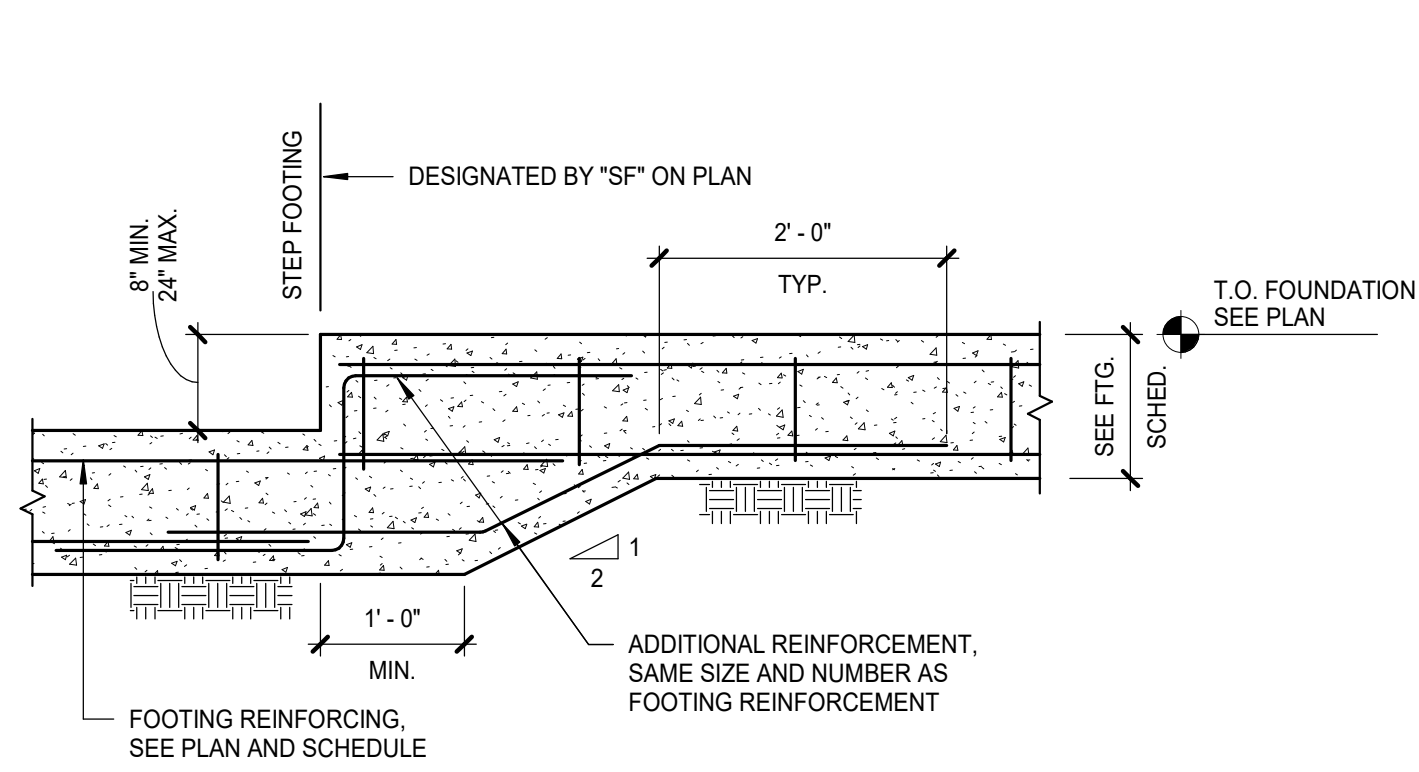


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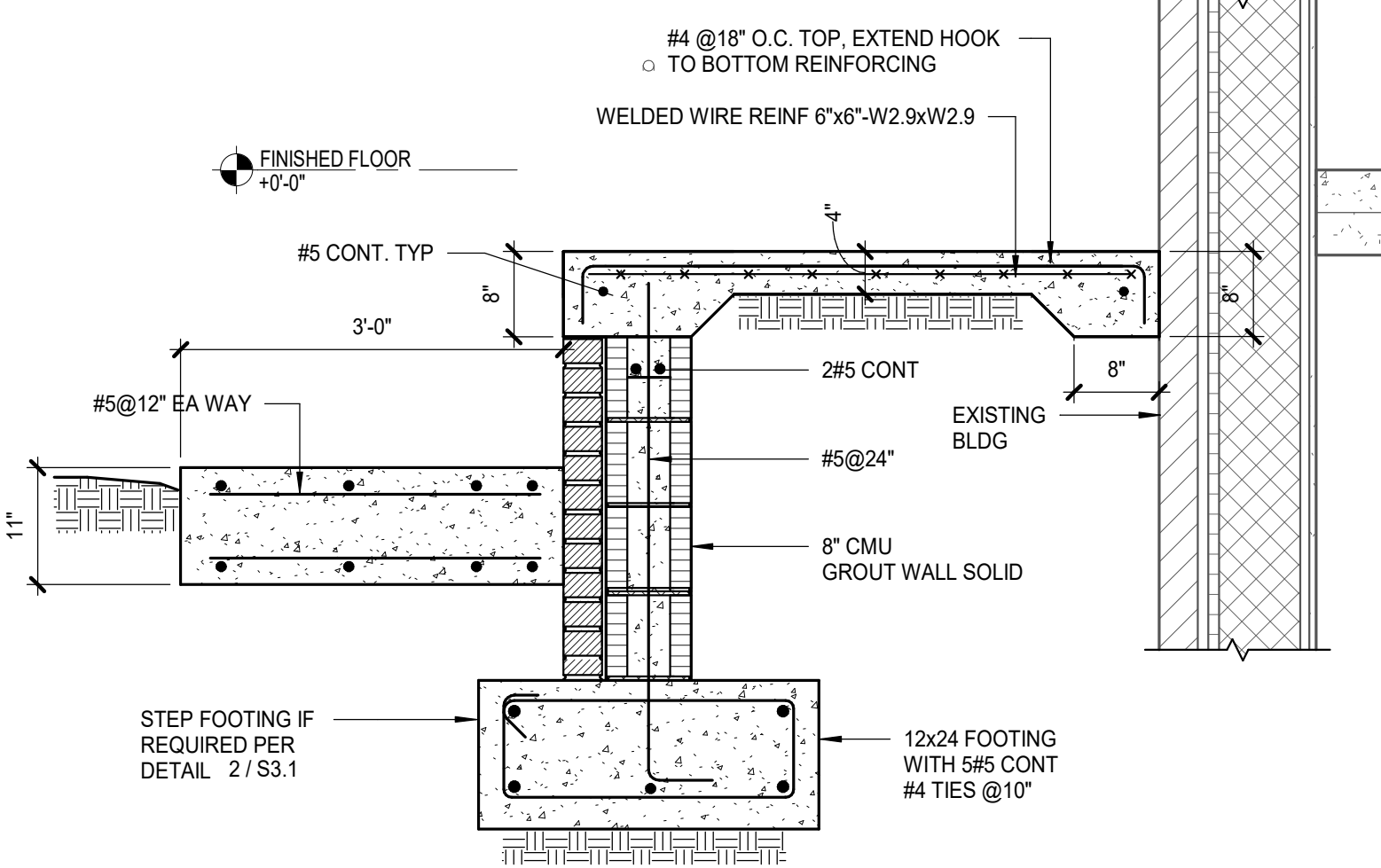


*PROVIDE SEALANT WHERE REQUIRED BY ARCHITECT SAWCUT AS SOON AS POSSIBLE AFTER CONCRETE HARDENS. SAW CUTTING MUST BE COMPLETE WITHIN 8 HRS. AFTER POURING.

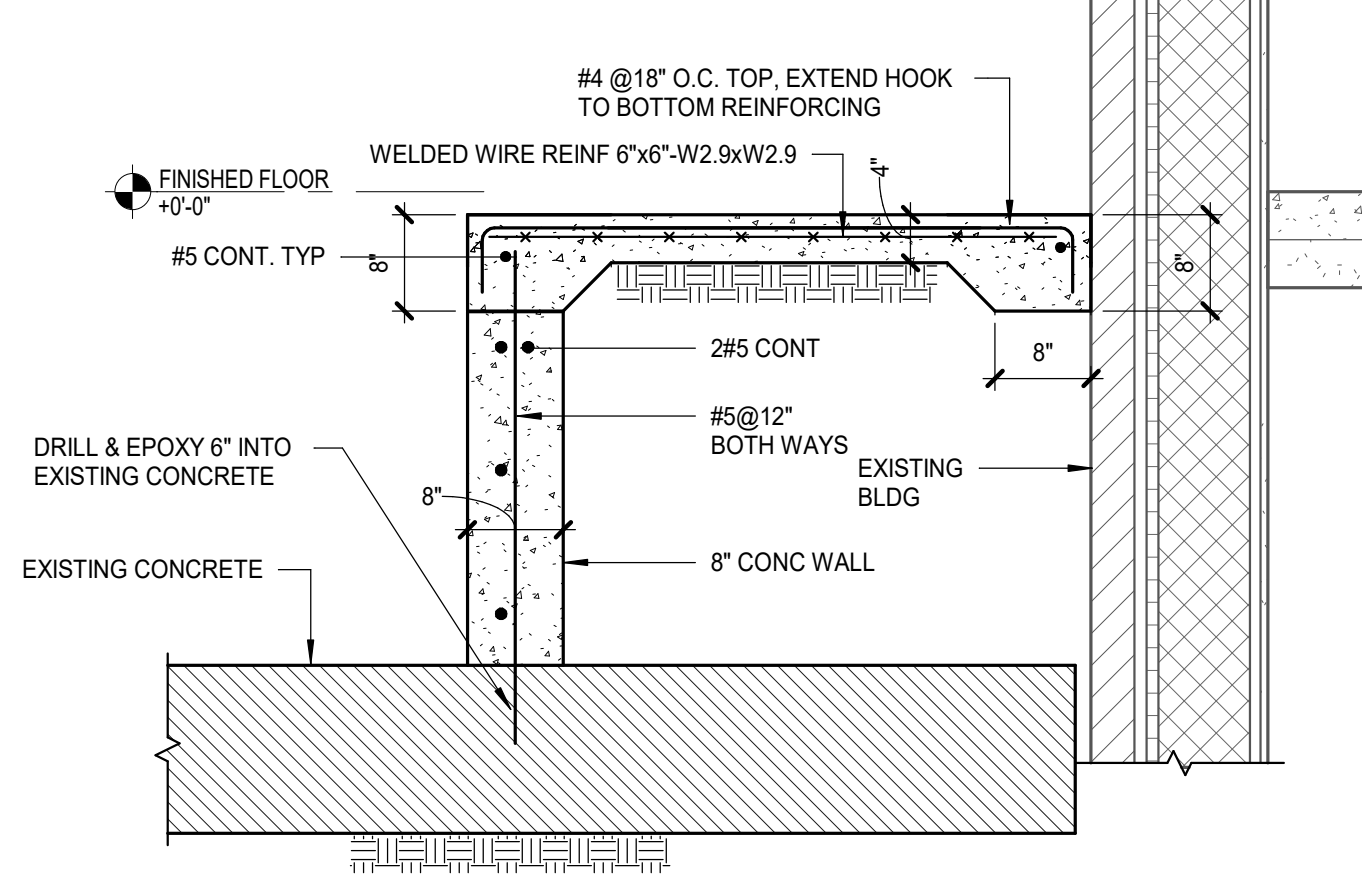
1 SLAB ON GRADE CONTROL JOINTS
3/4" = 1'-0"



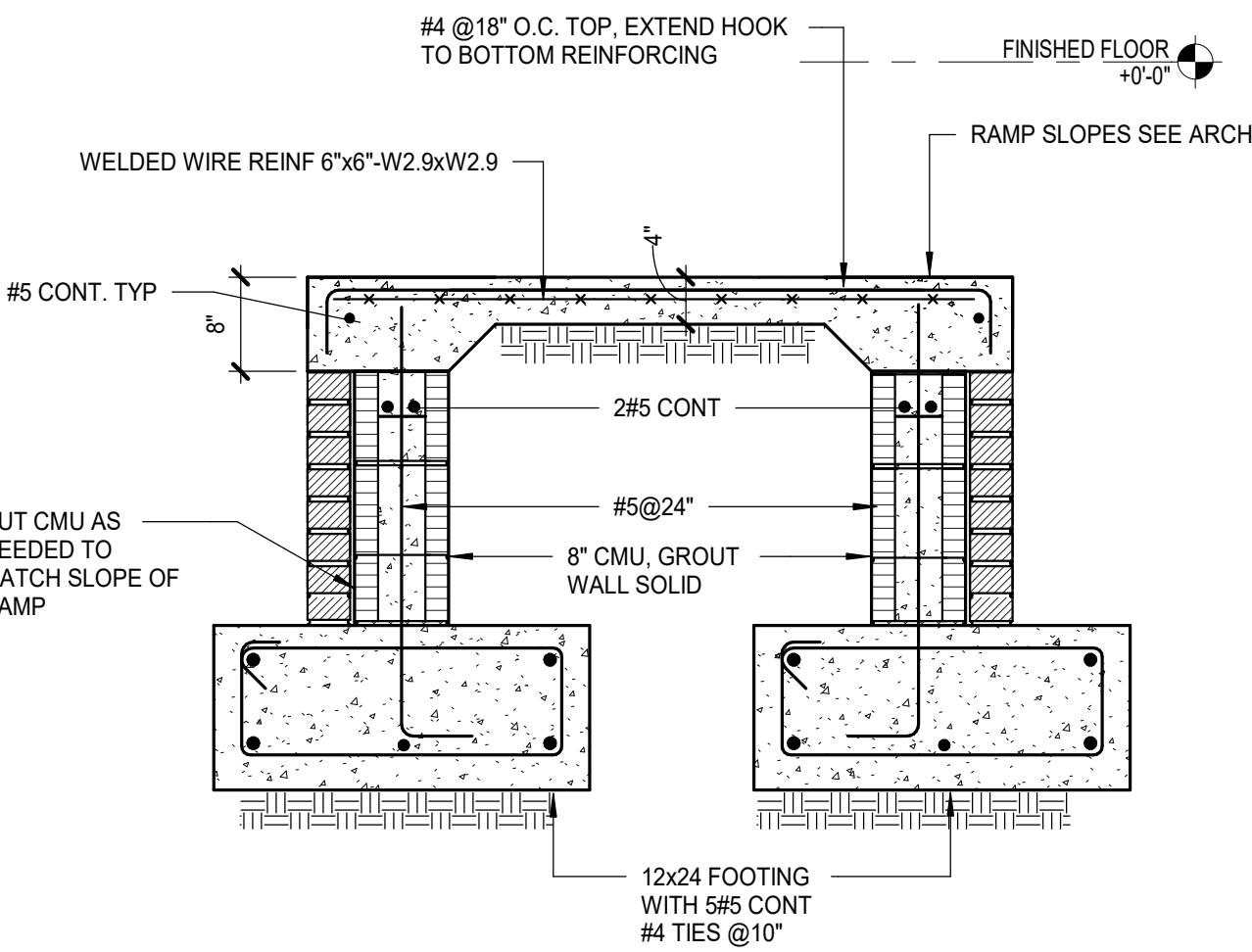
2 STEP FOOTING DETAIL
3/4" = 1'-0"



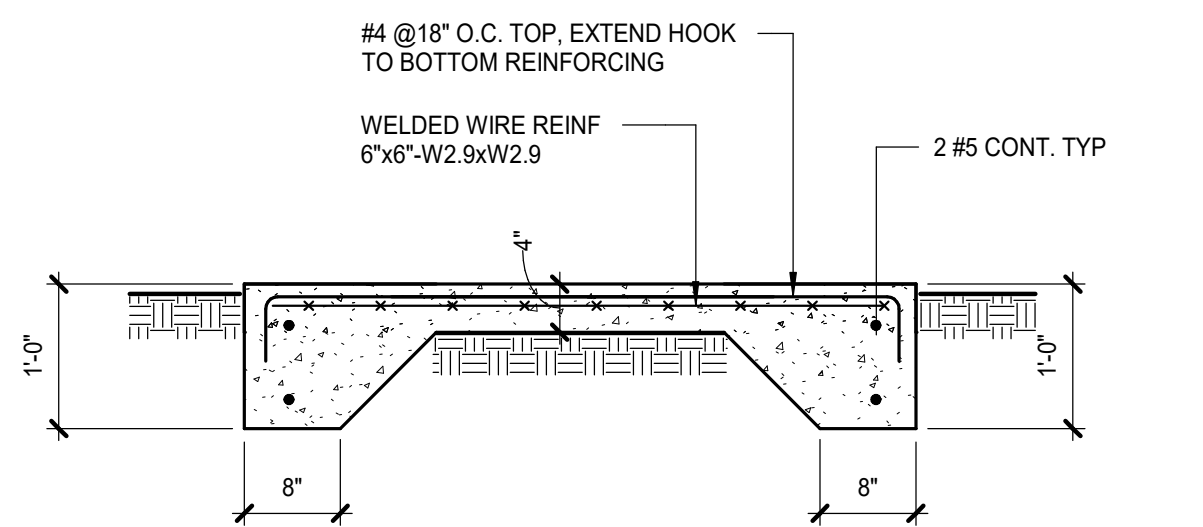
3 SECTION AT WALKWAY
3/4" = 1'-0"



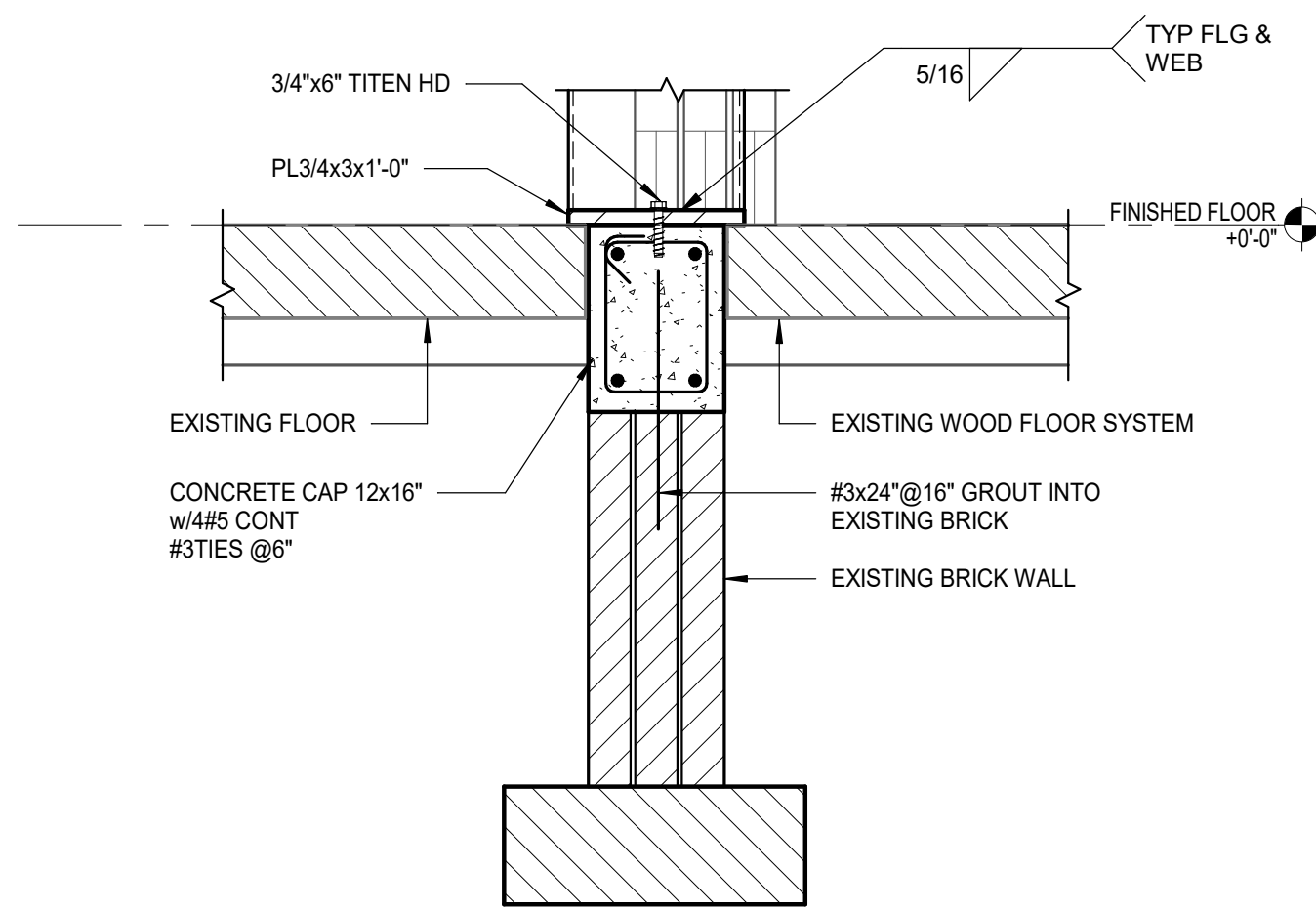
4 SECTION AT WALKWAY
AT EXISTING CONCRETE STAIR
3/4" = 1'-0"



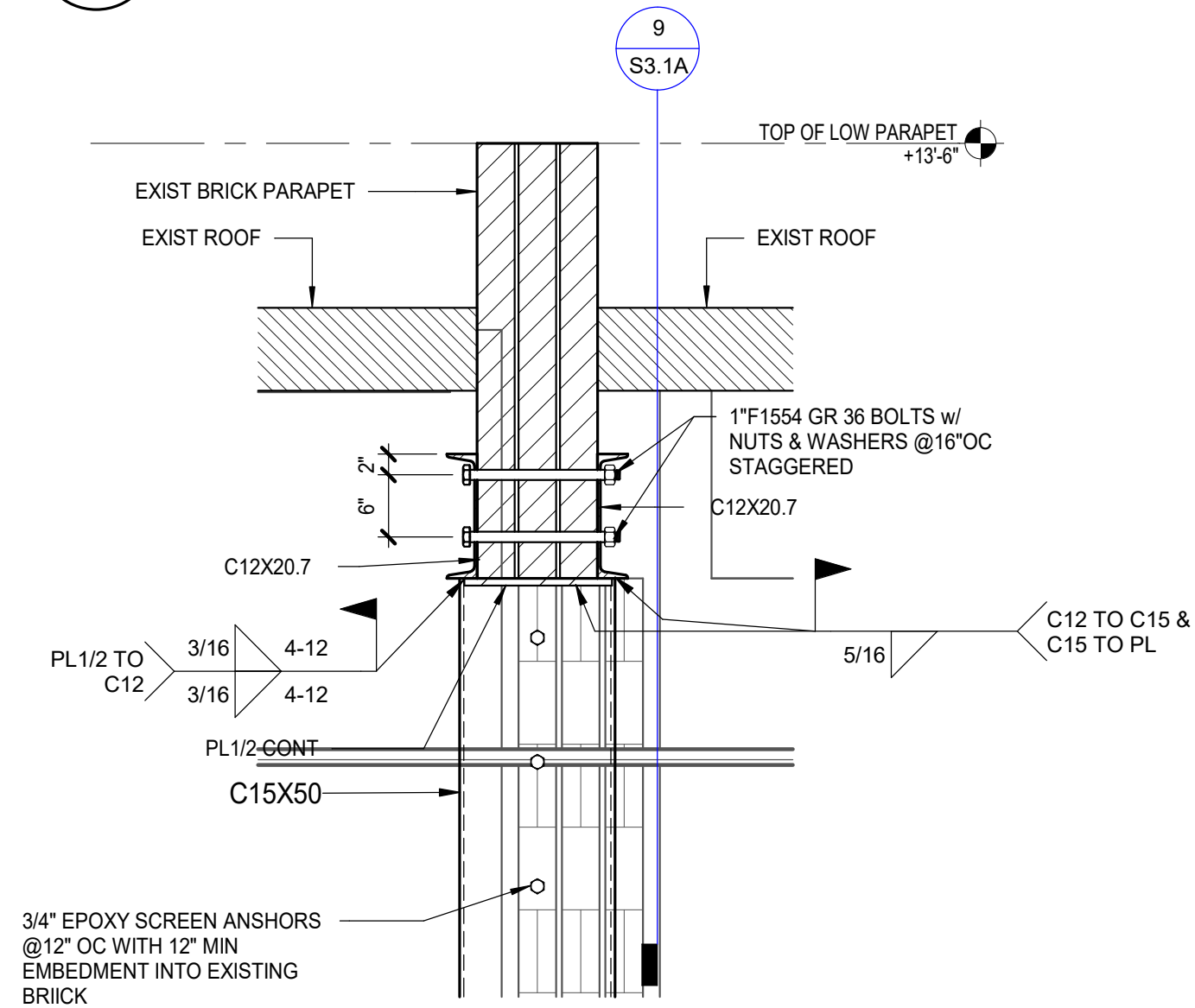
5 SECTION AT WALKWAY
3/4" = 1'-0"



6 SECTION AT WALKWAY
3/4" = 1'-0"

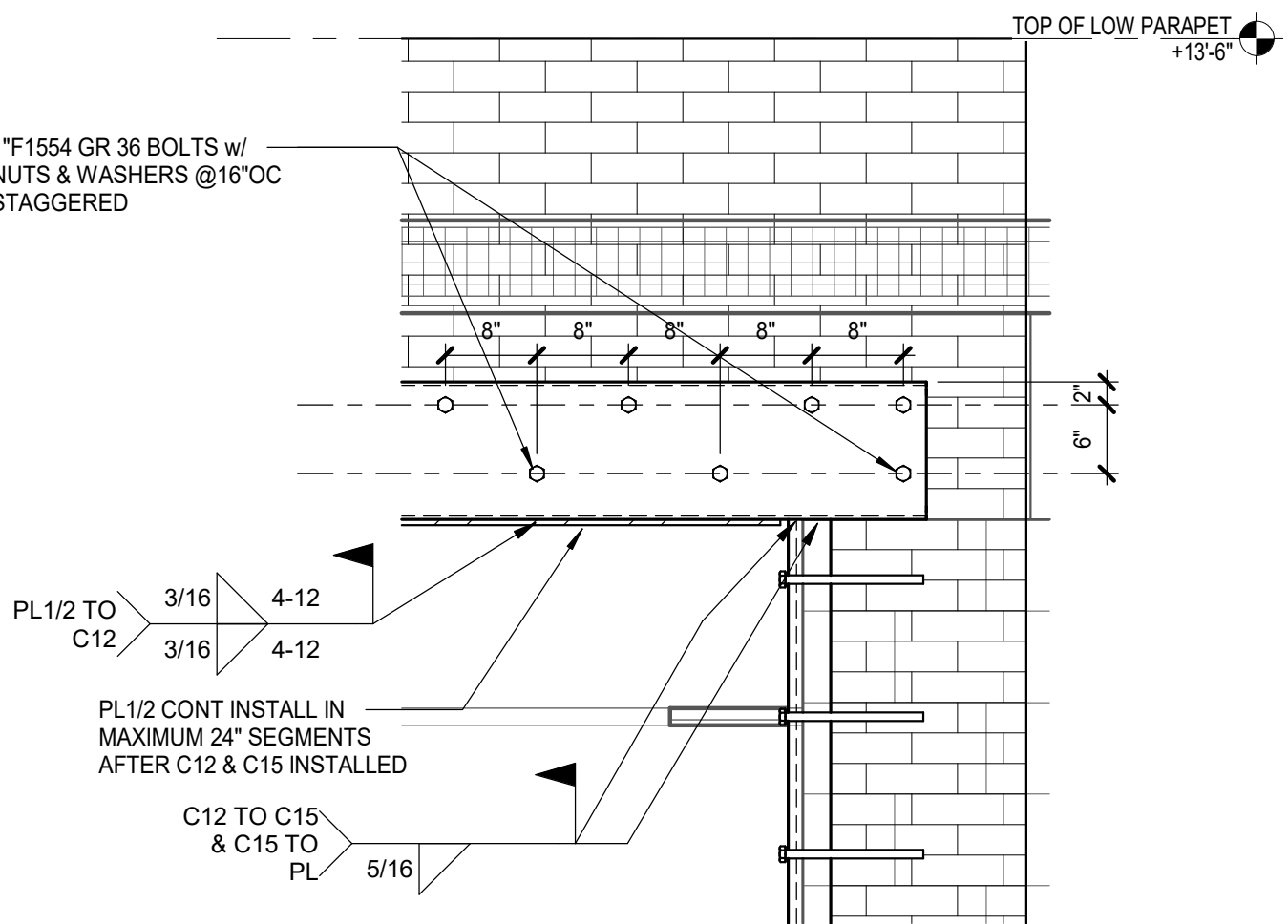


7 SECTION AT EXISTING WALL
3/4" = 1'-0"



CONSTRUCTION SEQUENCE
1. INSTALL TWO C12 CHANNELS WITH 1" BOLTS THRU BRICK WALL.
2. CUT VERTICAL SLOT IN WALL AND INSTALL C15 VERTICAL CHANNELS. SLOT TO BE NO MORE THAN 24" WIDE.
3. WELD C15 TO C12.
4. INSTALL PL1/2 IN 24" LENGTHS BY REMOVING 24" WIDE PORTIONS OF WALL OR BY CUTTING 24" LONG SLOT IN WALL AND INSERTING PLATE.
5. PROGRESS ACROSS WALL IN 24" INCREMENTS UNTILL OPENING IS COMPLETED.

8 SECTION AT NEW WALL OPENING
3/4" = 1'-0"



9 SECTION AT NEW WALL OPENING
3/4" = 1'-0"



**LEVY COUNTY
COURTHOUSE
ADDITION - PHASE 1**

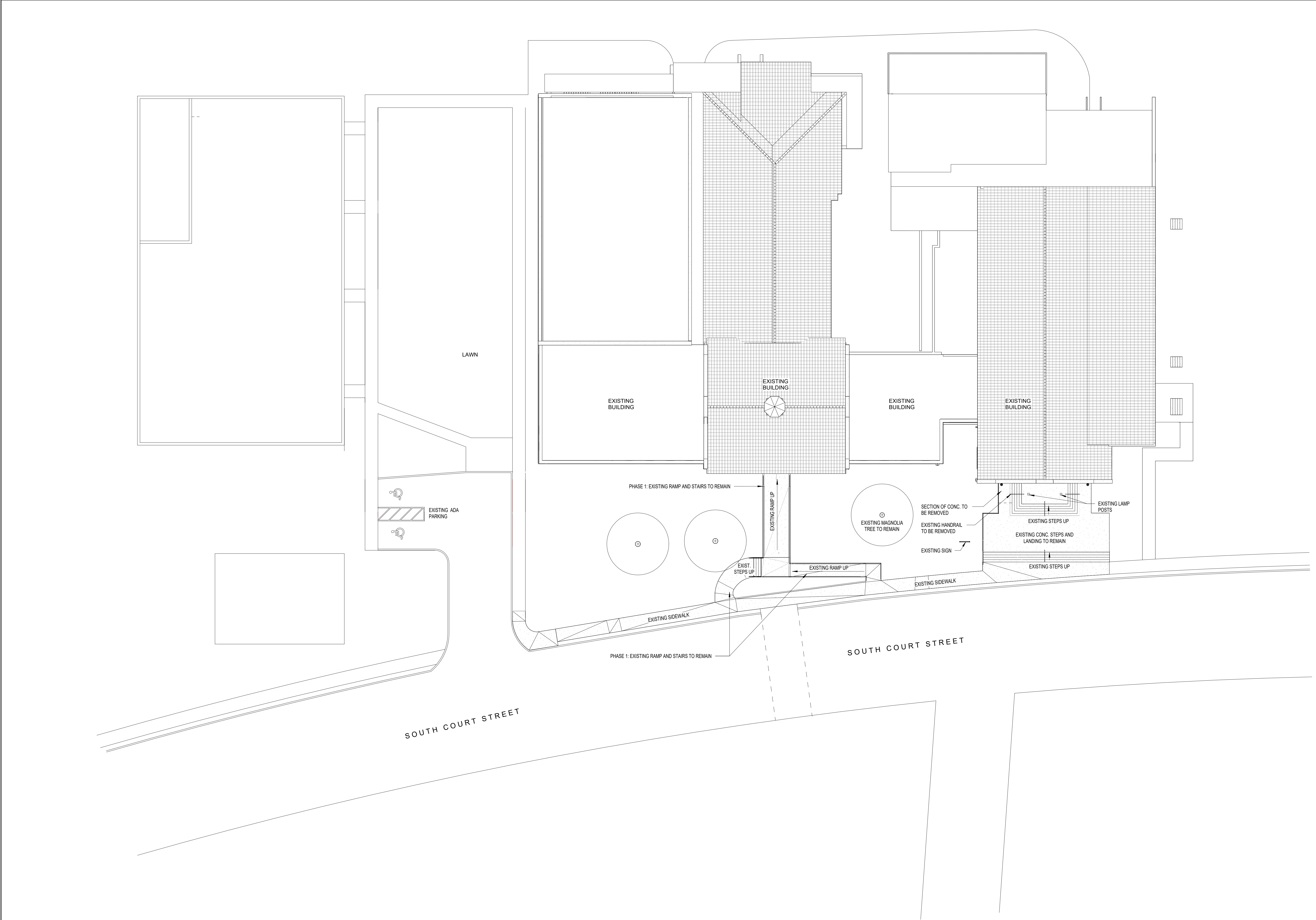
18440 Drawn By: TLC
Project Code Checked By: CSC

22 AUGUST 2025
Date

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DOCUMENTS**

Revisions

DETAILS



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JH
Project Code Checked By: DB

8/22/2025

Date

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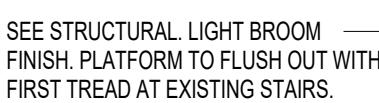
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SITE PLAN -
EXISTING

Tallahassee Florida

A0.1

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 PHASE 1

1. DRYVIT - TEXTURED ACRYLIC FINISH TO BE APPLIED FROM BOTTOM OF PRECAST CONC. CAP TO 6" BELOW FINISH GRADE AT CMU RETAINING WALL - COLOR TO BE SELECTED BY ARCHITECT.

8440	Drawn By: JM / JH
Project Code	Checked By: DB

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revisions

allahassee Florida

A0.3

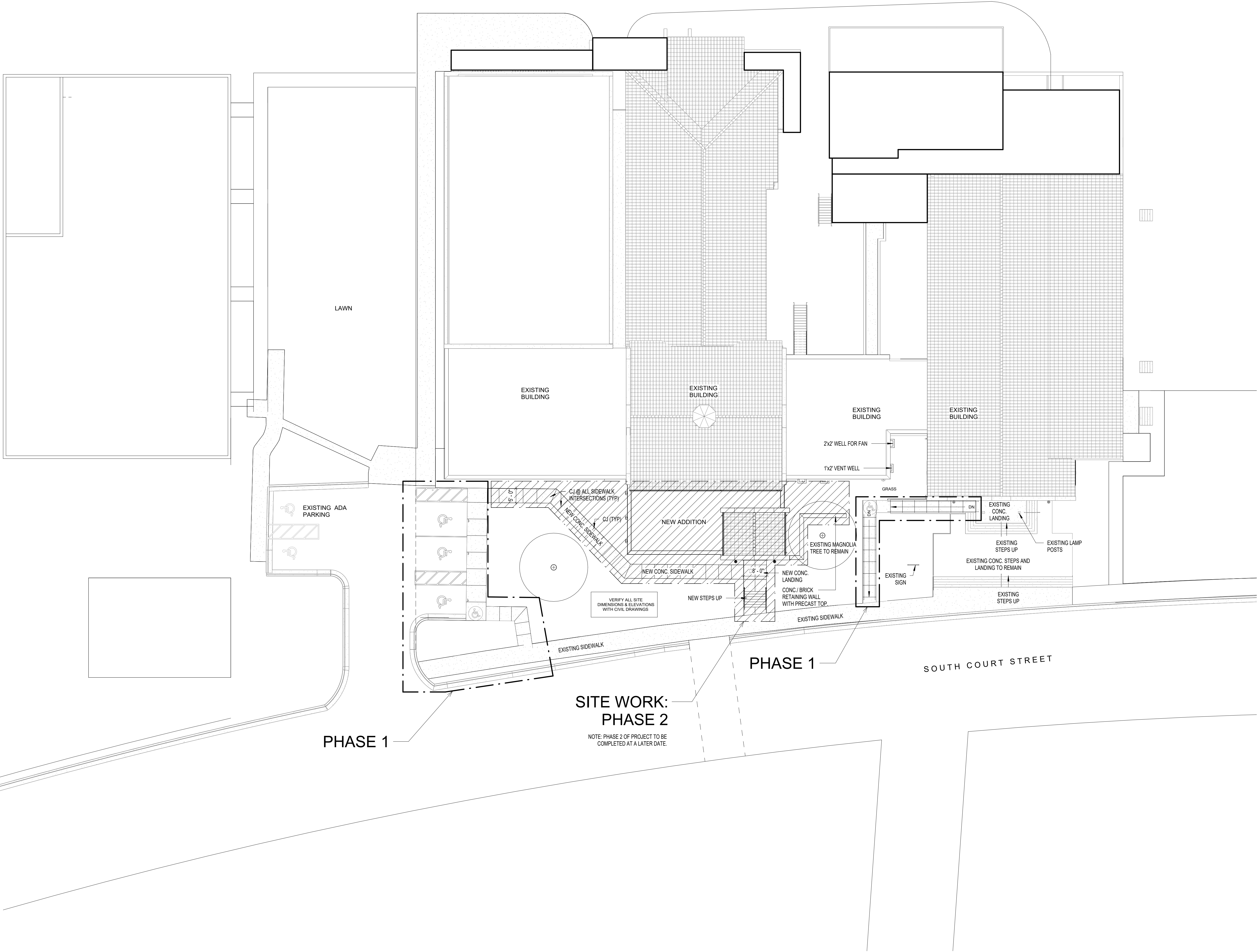
PHASING LEGEND

PHASE 1

PHASE 2

NOTES

PHASE 2 OF PROJECT TO BE COMPLETED AT A LATER DATE



LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

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Project Code Checked By: DB

8/22/2025

Date

CONTRACT DOCUMENTS

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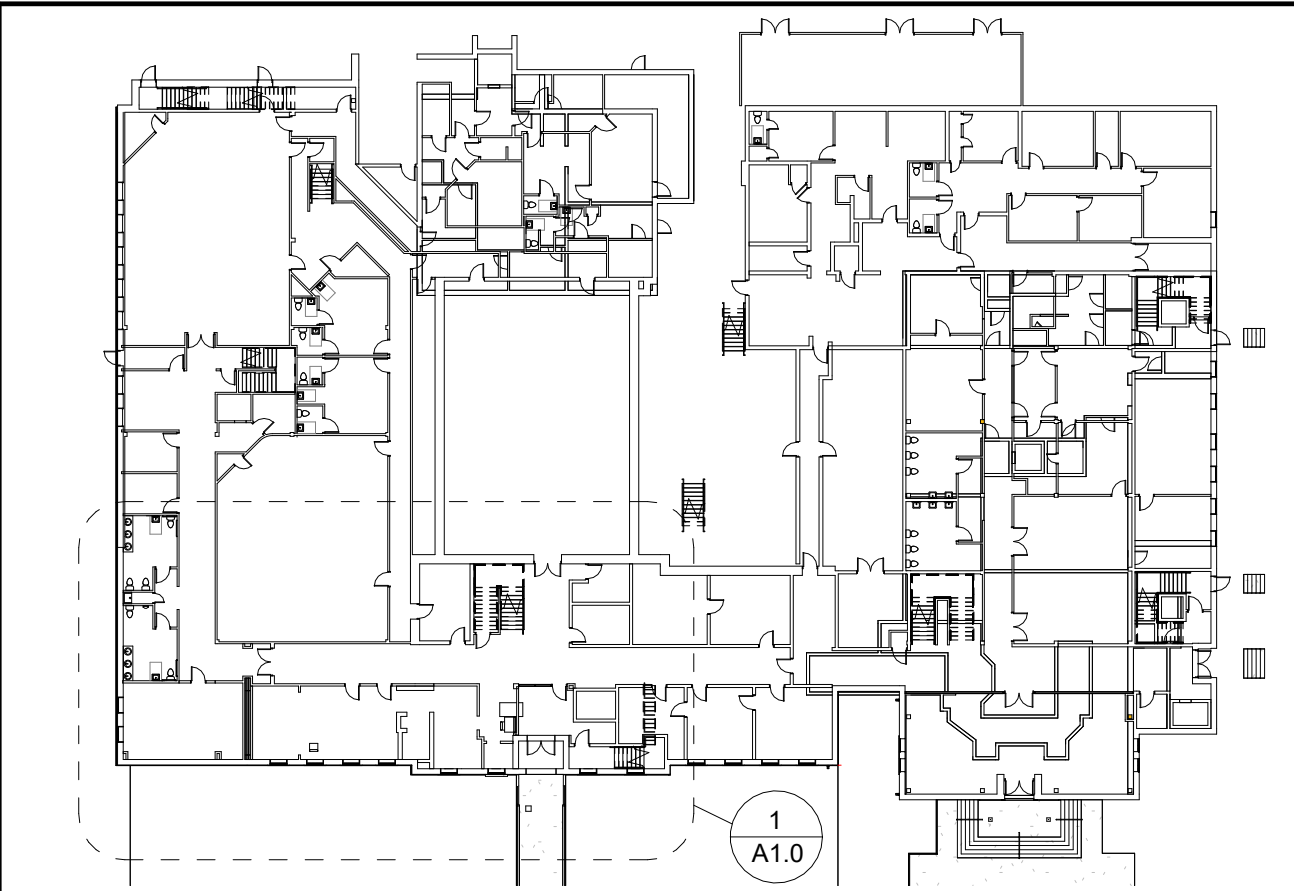
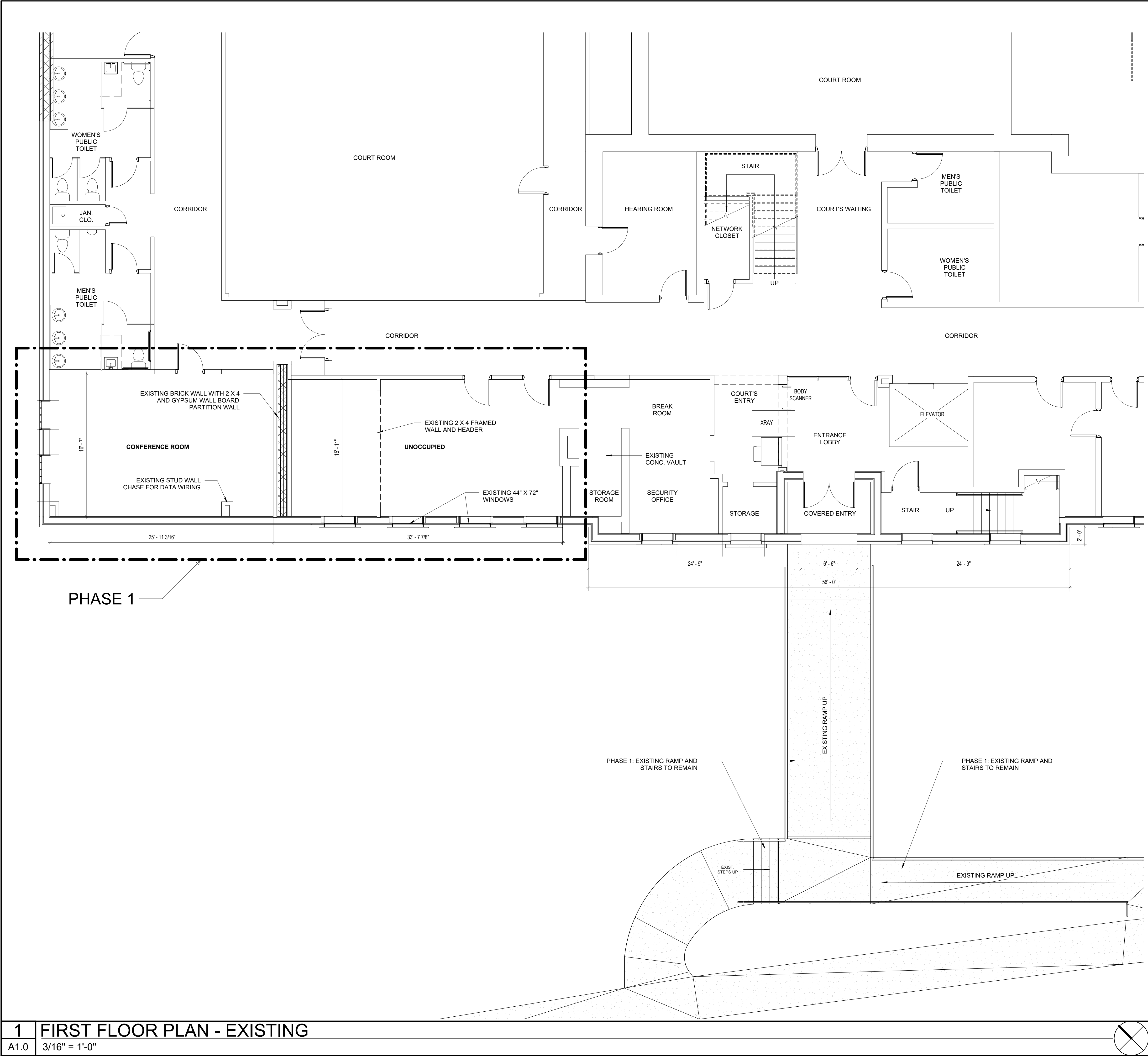
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ARCHITECTURAL SITE PLAN - NEW WORK - PHASE 2

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A0.4

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FIRST FLOOR KEY PLAN
NOT TO SCALE

PHASING LEGEND

- PHASE 1
PHASE 2



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

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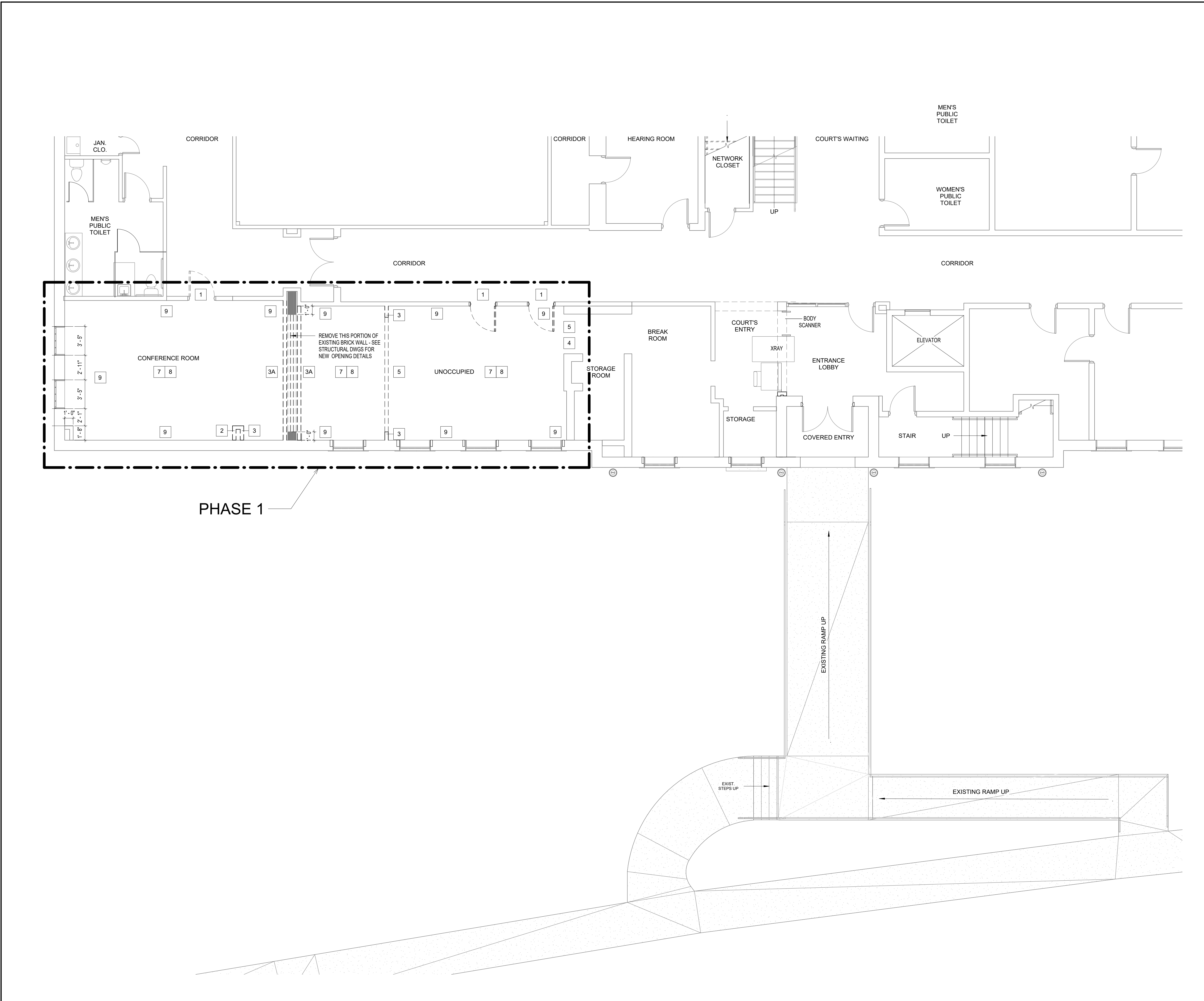
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DOCUMENTS

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FIRST FLOOR PLAN -
EXISTING

Tallahassee Florida

A1.0



1	FIRST FLOOR DEMOLITION PLAN
A1.01	3/16" = 1'-0"

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PHASING LEGEND

PHASE 1

DEMOLITION LEGEND

EXISTING WALL TO REMAIN
EXISTING TO BE REMOVED

DEMOLITION KEYNOTES:

- 1 REMOVE EXISTING DOOR / FRAME AND SALVAGE DOORS FOR RE-USE BY OWNER.
- 2 OWNER TO REMOVE DATA CABLING
- 3 REMOVE EXISTING WALL AND HEADER (ANY ELEC. OR SURFACE DEVICES IN OR ON EXISTING WALL TO BE REMOVED) PREP EXISTING FLOOR FOR NEW FLOOR FINISH.
- 3A REMOVE PORTION OF EXISTING BRICK WALL (ANY ELEC. OR SURFACE DEVICES IN OR ON EXISTING WALL TO BE REMOVED) PREP EXISTING FLOOR FOR NEW FLOOR FINISH. REMOVE DRYWALL PARTITION. OWNER TO REMOVE ALL DATA CABLING.
- 4 REMOVE SLOPED FLOOR AT OLD VAULT.
- 5 REMOVE EXISTING GYP / METAL STUD HEADER ABOVE.
- 6 REMOVED BRICK TO BELOW FLOOR AND CAST CONCRETE CAP ON BACK TO LEVEL FLOOR BETWEEN THESE TWO FLOOR SYSTEMS.
- 7 REMOVE EXISTING CEILING AND CEILING DEVICES. COORDINATE DEMOLITION WITH M.E.P. DEMOLITION DRAWINGS.
- 8 REMOVE EXISTING FLOOR FINISHES. PREP EXISTING FLOOR FOR NEW FLOOR FINISH.
- 9 REMOVE EXISTING WOOD CHAIR RAIL, WAINSCOT AND BASE. PREP EXISTING GYP. BOARD WALL BEHIND CHAIR RAIL. WAINSCOT AND BASE. PATCH AND/OR REPLACE GYP. BOARD AS NEEDED AND PAINT. SALVAGE WOOD CHAIR RAIL, WAINSCOT, BASE AND DOOR TRIM FOR REUSE.

DEMOLITION NOTES:

ELEMENTS THAT ARE DASHED ARE TO BE REMOVED FROM THE PROJECT.

REMOVE NON-LOAD BEARING AND LOAD BEARING PARTITION WALLS AS INDICATED. DISCONNECT ALL ELECTRICAL DEVICES WITHIN THE WALLS AND REMOVE OR TERMINATE CIRCUITS AT A JUNCTION BOX.

REMOVE DOOR, DOOR FRAME AND HARDWARE. DISCONNECT AND REMOVE ELECTRONIC LOCKS/ALARM AS INDICATED.

AS REQUIRED, REMOVE FLOOR FINISH. PATCH AND REPAIR FLOOR TO RECEIVE NEW FLOORING. SEE FINISH FLOOR PLAN AND ROOM FINISH SCHEDULE.

SITE WORK - IF APPLICABLE, PROTECT AS NECESSARY ANY EXISTING VEGETATION, TREES OR THE LIKE IMMEDIATELY ADJACENT TO THE LIMITS OF THE ALTERATION WORK WHICH ARE INDICATED ON THE DRAWINGS TO REMAIN, OR IN ANY CASE ARE NOT SPECIFIED OR DIRECTED TO BE REMOVED.

CONCRETE - EXERCISE DUE CAUTION IN CUTTING AND PATCHING. CHIPPING OR GENERAL CONCRETE PLACEMENT SO AS NOT TO DEFACE THAT PORTION OF THE EXISTING STRUCTURE WHICH IS TO REMAIN.

MASONRY - IN TOOTHING OR CUTTING BACK FOR JOINERY TO OR CONTINUING AN EXISTING MASONRY SURFACE, EXERCISE CARE SO AS NOT TO WEAKEN STRUCTURALLY THAT PORTION OF THE STRUCTURE WHICH IS TO REMAIN. DO NOT SANDBLAST WOOD, CONCRETE, OR BRICK.

STRUCTURAL STEEL AND CARPENTRY - IN THE COURSE OF ALTERATION WORK SHOULD THE CONTRACTOR ENCOUNTER, IN EXPOSING FORMERLY COVERED FRAMING, ANY UNFORESEEN STRUCTURAL DEFECT WHICH MIGHT JEOPARDIZE ANY PART OF THE EXISTING BUILDING OR THE NEW WORK, THE CONTRACTOR SHALL SHORE UP OR OTHERWISE SUPPORT THE EXPOSED DEFECT FOR EASE OF INSPECTION BY OWNERS REPRESENTATIVE OR ARCHITECT WHO WILL DIRECT FURTHER REPAIR.

TEMPORARY SHORING: IF APPLICABLE, PROVIDE ANY TEMPORARY SHORING, CRIBBING OR UNDERPINNING AS MAY BE REQUIRED OR DIRECTED BY THE ARCHITECT AT ANY TIME AND IN ANY PORTION OF THE ALTERATION WORK FOR THE DURATION OF SUCH WORK.

PAINTING - ANY PITTED, CHIPPED, FLAKED, OVERLY THICKENED OR OTHERWISE DAMAGED EXISTING PAINT SURFACES ENCOUNTERED SHALL BE SANDED, CHIPPED OR OTHERWISE REMOVED DOWN TO ORIGINAL SURFACE AND REPAIRED. DO NOT SANDBLAST, OR USE POWER SANDER OR GRINDER.

DEMOLITION WORK - WITH THE EXCEPTION OF ANY SALVABLE ITEMS, AS DIRECTED TO BE RETAINED BY OWNER, ALL REMOVED STRUCTURES AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL PROMPTLY REMOVE THEM FROM THE PREMISES. NO SUCH ITEMS SHALL BE STORED OR ACCUMULATED ON THE PREMISES.

SALVAGE - ALL ITEMS DEEMED SALVABLE BY OWNER WILL EITHER HAVE BEEN INDICATED ON THE DRAWINGS, REMOVED PRIOR TO START OF ALTERATION WORK, OR WILL BE DIRECTED BY OWNER TO BE STORED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE OWNER. ANY ITEMS TO BE RELOCATED WILL HAVE BEEN INDICATED ON THE DRAWINGS.

NOTE: THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE BID AND PRIOR TO BEGINNING WORK. IF ANY DISCREPANCIES ARE DISCOVERED NOTIFY THE ARCHITECT.

SEQUENCE OF ALTERATION WORK: IN THE EVENT THAT ANY SPECIAL SEQUENCING OF THE WORK IS REQUIRED BY OWNER, THE CONTRACTOR SHALL ARRANGE A CONFERENCE WITH THE OWNER FOR THE PURPOSE OF ESTABLISHING ANY SPECIAL SCHEDULING BEFORE ANY SUCH WORK IS BEGUN.

PROTECTIONS: PROVIDE ANY SPECIAL BARRICADING AND MAINTAIN ANY REQUIRED LIGHTS, WARNING AND DIRECTIONAL SIGNS AND OTHER PROTECTIONS NEAR AND ABOUT THE SITE OF ALTERATION WORK AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. BY ANY NECESSARY MEANS PROTECT ANY SURROUNDING ADJACENT SITES, STRUCTURES, PROPERTIES AND UTILITIES. MAINTAIN ALL SAFETY MEASURES UNTIL REMOVAL IS DIRECTED BY OWNERS REPRESENTATIVE OR ARCHITECT. INDEFINITE UNDERGROUND UTILITIES OR OTHER SERVICES AS MAY BE UNCOVERED SHALL NOT BE DISTURBED BUT BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION AS TO HOW TO PROCEED.

ADDITIONAL TEMPORARY FACILITIES: ANY ADDITIONAL TEMPORARY FACILITIES OR SERVICES AS MAY BE REQUIRED BY ANY SPECIAL NECESSITIES OF ALTERATION WORK SHALL BE PROVIDED BY THE CONTRACTOR OUTSIDE OF HOUSE DURING ALL HOURS SUCH WORK IS IN PROGRESS. PROVIDE PORTABLE TOILET FACILITIES OUTSIDE AS REQUIRED.

SPECIAL PERMITS: SECURE ANY AND ALL PERMITS TO DEMOLISH AND REHABILITATION AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION OVER SUCH WORK.



LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

18440 Drawn By: JH/JM
Project Code Checked By: DB

8/22/2025

Date

CONTRACT DOCUMENTS

Revisions

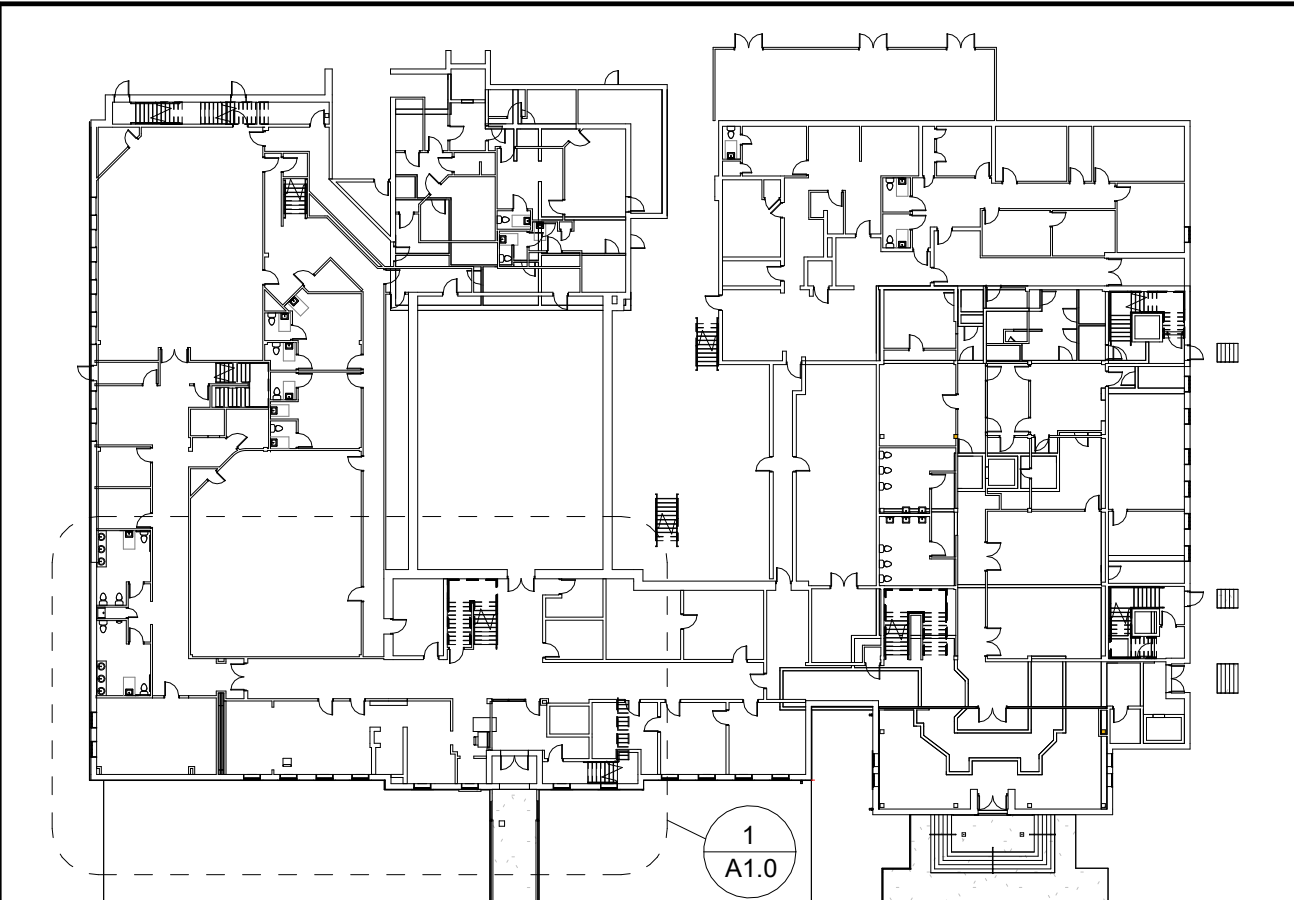
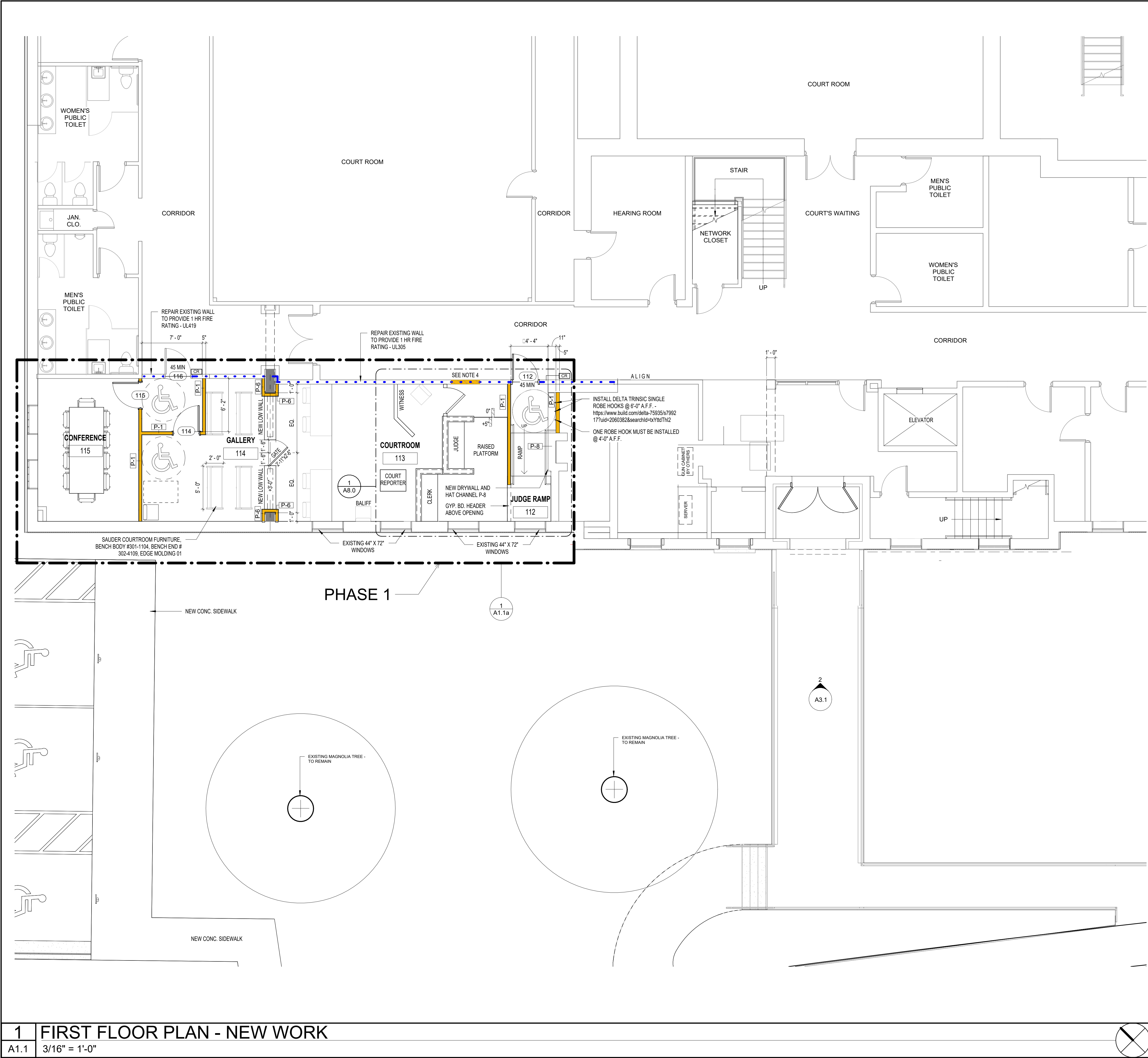
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FIRST FLOOR PLAN - DEMOLITION

Tallahassee Florida

A1.01

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-8301 Fax 850 561-6978



FIRST FLOOR KEY PLAN
NOT TO SCALE

NOTES	LEGEND
1. INSTALL CONCRETE CAP OVER REMAINING BRICK WALL AND SLOPE FOR TRANSITION BETWEEN FLOOR SYSTEMS. SEE STRUCTURAL.	PHASE 1
2. INSTALL BLOCKING FOR HANDRAIL AS REQUIRED.	PHASE 2
3. INSTALL NEW BLINDS AT EXISTING WINDOWS. MEASURE WINDOWS BEFORE ORDERING BLINDS.	EXISTING TO REMAIN
4. INFILL DOOR OPENING WITH 2X FRAMING AND 1 LAYER OF 5/8" TYPE X DRYWALL ON EACH SIDE. INSTALL 3 1/2" FIBERGLASS BATT INSULATION AT STUDS. OWNER TO PROVIDE BASE, WAINSCOT, WOOD TRIM AND EXISTING WOOD STAIN TO REPAIR AND MATCH EXISTING.	NEW GYP / METAL STUD WALL PARTITION
5. OWNER TO PROVIDE TABLE, CHAIRS, BENCH SEATING AND COURT REPORTER DESK.	NEW CMU WALL PARTITION
6. REPAIR FIRE RATED WALL AT CORRIDOR TO MEET UL 305.	1 HR. RATED WALL ASSEMBLY
7. REPAIR EXISTING DRYWALL WITHIN CONSTRUCTION AREA AND PAINT.	2 HR. RATED WALL ASSEMBLY
8. INSTALL NEW RAISED PLATFORM AT JUDGES RAMP AND JUDGES/CLERKS DESK AREA.	Room name
9. SAND AND RESEAL WINDOWSILL AT CONFERENCE ROOM 115.	101 ROOM NAME AND NUMBER
10. INSTALL TWO 2" GROMMETS AT JUDGE'S AND CLERK'S DESK.	101 DOOR NUMBER
11. INSTALL ROBE HOOKS AND COORDINATE WITH ELECTRICAL PANEL.	90 MIN. FIRE RATING
	P-1 WALL PARTITION TYPE
	B EXTERIOR WINDOW (LETTER DENOTES TYPE)
	A INTERIOR WINDOW (LETTER DENOTES TYPE)
	SPOT ELEVATION
	CR CARD READER
	ADA DOOR OPENER PUSH PLATE



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JM/JH
Project Code Checked By: DB

8/22/2025

Date

CONTRACT
DOCUMENTS

Revisions
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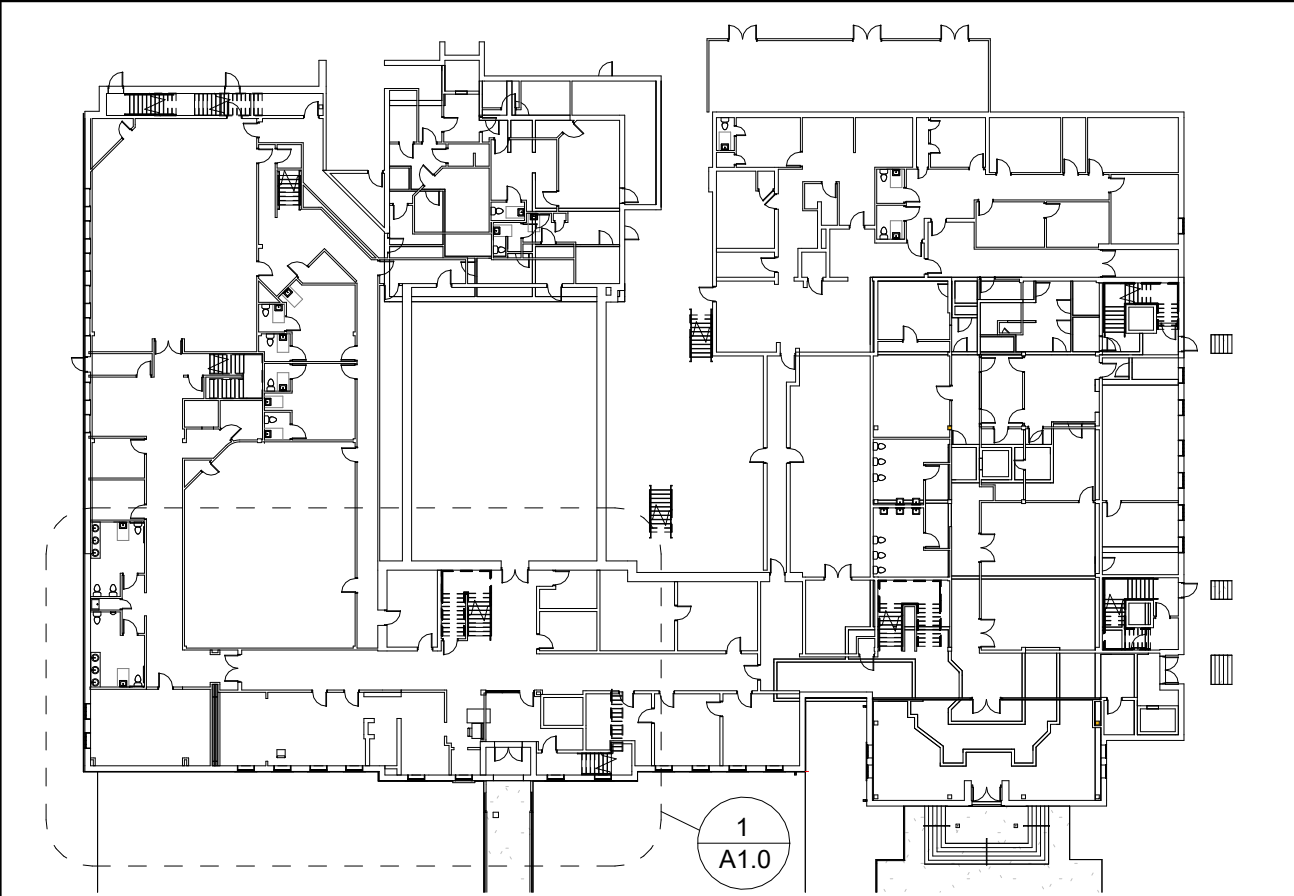
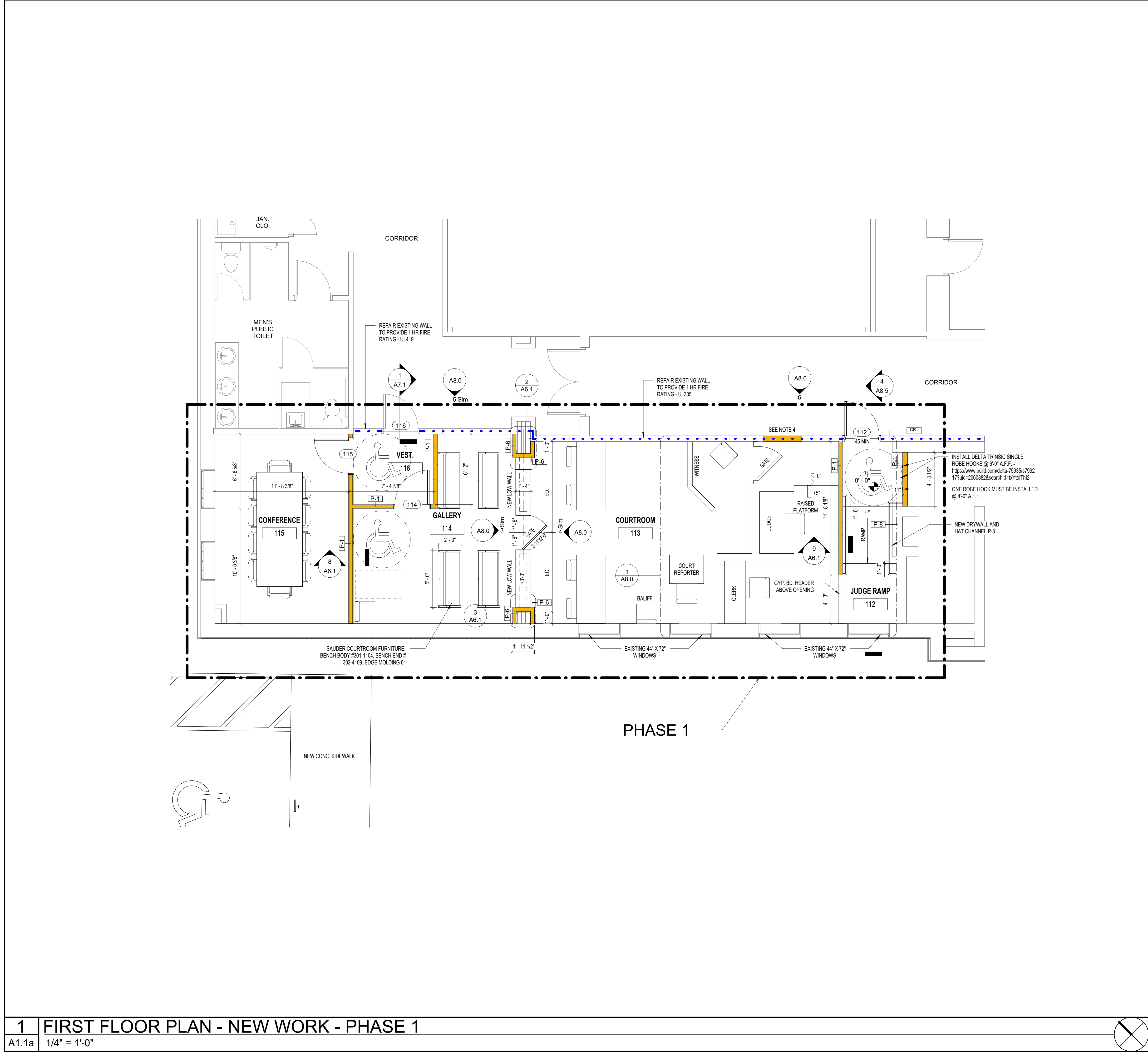
FIRST FLOOR PLAN -
NEW WORK

Tallahassee Florida

A1.1

1 FIRST FLOOR PLAN - NEW WORK

A1.1 3/16" = 1'-0"



FIRST FLOOR KEY PLAN

NOT TO SCALE

NOTES	LEGEND
1. INSTALL CONCRETE CAP OVER REMAINING BRICK WALL AND SLOPE FOR TRANSITION BETWEEN FLOOR SYSTEMS. SEE STRUCTURAL. 2. INSTALL BLOCKING FOR HANDRAIL AS REQUIRED. 3. INSTALL NEW BLINDS AT EXISTING WINDOWS. MEASURE WINDOWS BEFORE ORDERING BLINDS. 4. INFILL DOOR OPENING WITH 2X FRAMING AND 1 LAYER OF 5/8" TYPE X DRYWALL ON EACH SIDE. INSTALL 3 1/2" FIBERGLASS BATT INSULATION AT STUDS. OWNER TO PROVIDE BASE, WAINSCOT, WOOD TRIM AND EXISTING WOOD STAIN TO REPAIR AND MATCH EXISTING. 5. OWNER TO PROVIDE TABLE, CHAIRS, BENCH SEATING AND COURT REPORTER DESK. 6. REPAIR FIRE RATED WALL AT CORRIDOR TO MEET UL 305. 7. REPAIR EXISTING DRYWALL WITHIN CONSTRUCTION AREA AND PAINT. 8. INSTALL NEW RAISED PLATFORM AT JUDGES RAMP AND JUDGES/CLERKS DESK AREA. 9. SAND AND RESEAL WINDOWSILL AT CONFERENCE ROOM 115. 10. INSTALL TWO 2" GROMMETS AT JUDGE'S AND CLERK'S DESK. 11. INSTALL ROBE HOOKS AND COORDINATE WITH ELECTRICAL PANEL.	PHASE 1 PHASE 2 EXISTING TO REMAIN NEW GYP / METAL STUD WALL PARTITION NEW CMU WALL PARTITION 1 HR. RATED WALL ASSEMBLY 2 HR. RATED WALL ASSEMBLY Room name 101 ROOM NAME AND NUMBER 101 DOOR NUMBER 90 MIN. FIRE RATING P-1 WALL PARTITION TYPE B EXTERIOR WINDOW (LETTER DENOTES TYPE) A INTERIOR WINDOW (LETTER DENOTES TYPE) SPOT ELEVATION CR CARD READER ADA DOOR OPENER PUSH PLATE

BFBS
ARCHITECTS

LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

18440 Drawn By: JM/JH
Project Code Checked By: DB

8/22/2025

Date

CONTRACT DOCUMENTS

Revisions

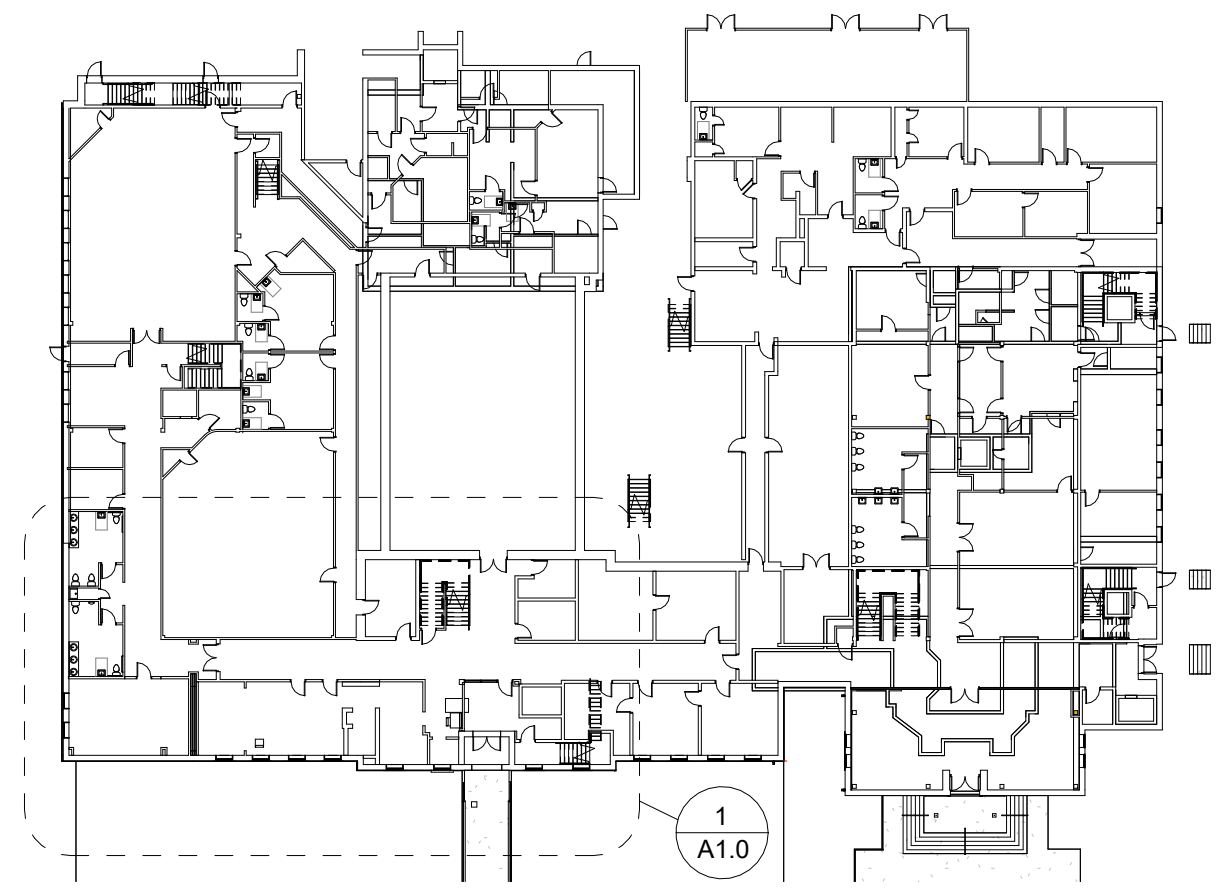
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FIRST FLOOR PLAN - NEW WORK - PHASE 1

Tallahassee Florida

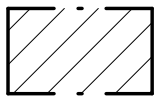
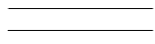
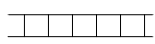
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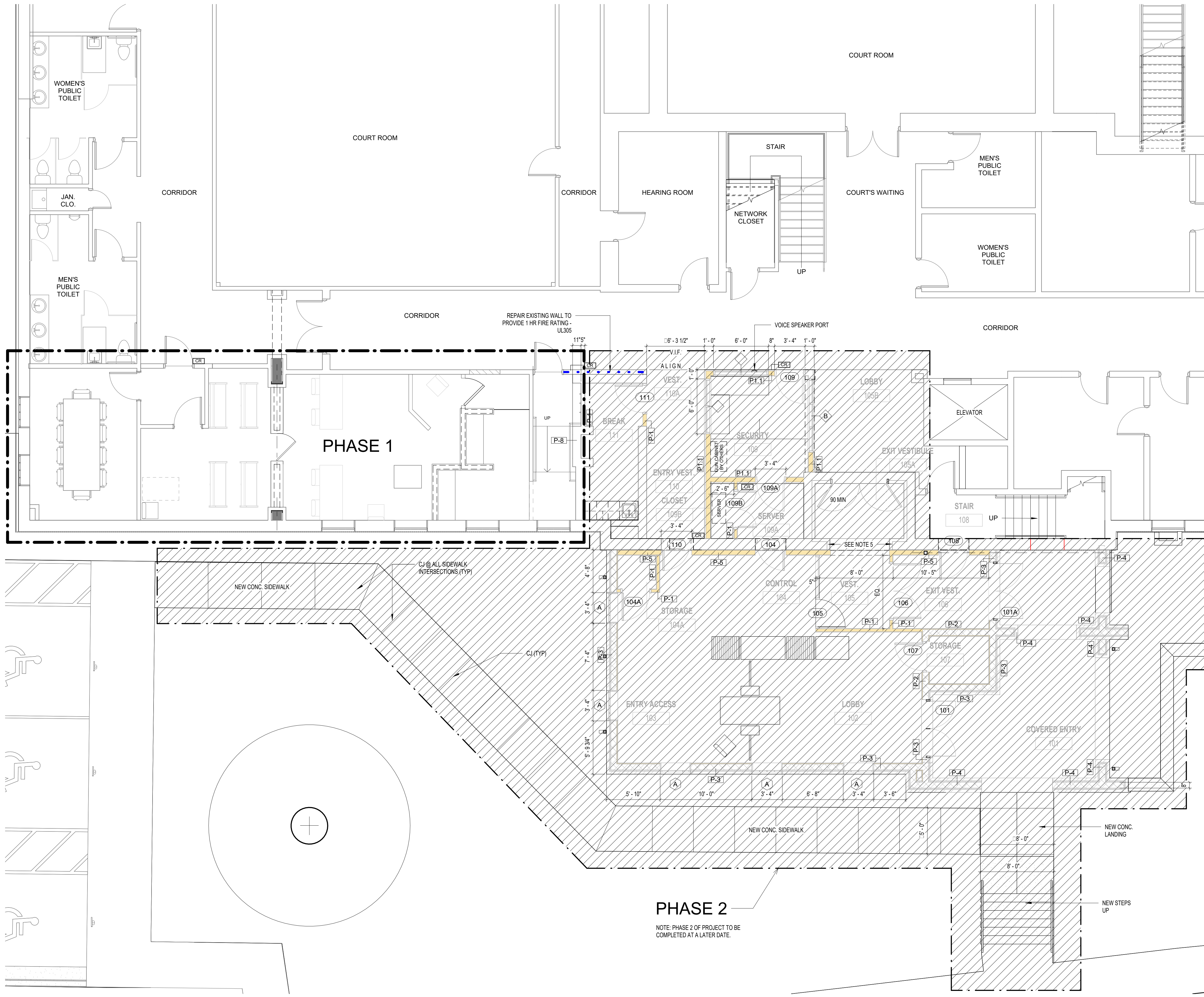
2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



FIRST FLOOR KEY PLAN

NOT TO SCALE

NOTES	LEGEND
PHASE 2 OF PROJECT TO BE COMPLETED AT A LATER DATE	 PHASE 1
1. FURR IN EXISTING WINDOW OPENING ON EITHER SIDE OF NEW DOOR AND FRAME. (WITH WOOD FURRING STRIPS AND COVER W/ 5/8" GYP. BOARD)	 PHASE 2
2. RUN 6" METAL STUDS, @ 16" O.C. W/ 5/8" EXTERIOR SHEATHING EACH SIDE & INSULATE WITH F.G. BATT. INSULATION, FROM T.O. CMU WALL @ 11'- 4" TO BOTTOM OF ROOF TRUSS @ 15'- 4".	 EXISTING TO REMAIN
3. REPAIR EXISTING DRYWALL PARTITION WITHIN WORK AREA AND PREP FOR PAINTING.	 NEW GYP METAL STUD WALL CMU
4. INFILL DOOR OPENING WITH 2X FRAMING AND 1 LAYER OF 5/8" TYPE X DRYWALL ON EACH SIDE. INSTALL 3 1/2" FIBERGLASS BATT INSULATION AT STUDS. OWNER TO PROVIDE BASE, WAINSCOT AND WOOD TRIM TO REPAIR AND MATCH EXISTING.	 NEW CMU WALL PARTITION
5. EXISTING BRICK TO REMAIN AT EXIT VEST 105A	 1 HR. RATED WALL ASSEMBLY
6. RELOCATED BUILDING DATE STONE IN NEW BRICK INFILL - CENTER IN EXISTING WINDOW OPENING - SEE BUILDING SECTION 1/4A.1	 2 HR. RATED WALL ASSEMBLY
7. DOUBLE DOOR REMOVABLE CENTER MULLION SEE SPECIFICATIONS.	Room name 101 ROOM NAME AND NUMBER
	101 90 MIN DOOR NUMBER FIRE RATING
	P-1 WALL PARTITION TYPE
	B EXTERIOR WINDOW (LETTER DENOTES TYPE)
	A INTERIOR WINDOW (LETTER DENOTES TYPE)
	 SPOT ELEVATION
	CR CARD READER
	ADA DOOR OPENER PUSH PLATE



1	FIRST FLOOR PLAN - NEW WORK - PHASE 2 - FOR INFORMATION ONLY
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A1.2	$3/16'' = 1'-0''$
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LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JM/JH

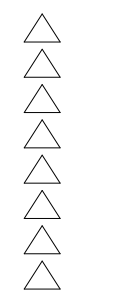
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8/22/2025

Date _____

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DOCUMENTS

Revisions

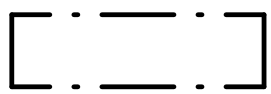


FIRST FLOOR PLAN -
NEW WORK -
PHASE 2

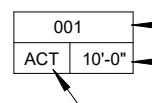
Tallahassee Florida

A1.2

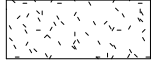
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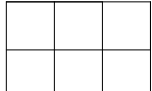
 PHASE 1

RCP LEGEND

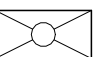
 ROOM NUMBER
CEILING HEIGHT
CEILING MATERIAL

CEILING FINISHES

 GYP. CEILING -
SEE RCP FOR CEILING
HEIGHTS

 A.C.T. CEILING -
SEE RCP FOR CEILING
HEIGHTS

CEILING ACCESSORIES

 2' x 4' LAY-IN FLUORESCENT LIGHT FIXTURE

 2' x 4' LAY-IN FLUORESCENT LIGHT FIXTURE
WITH EMERGENCY BALLAST

 RECESSED DOWN LIGHT

 RECESSED DOWN LIGHT WITH EMERGENCY
BALLAST

 CEILING MOUNT, EMERGENCY EXIT LIGHT

 SMOKE DETECTOR

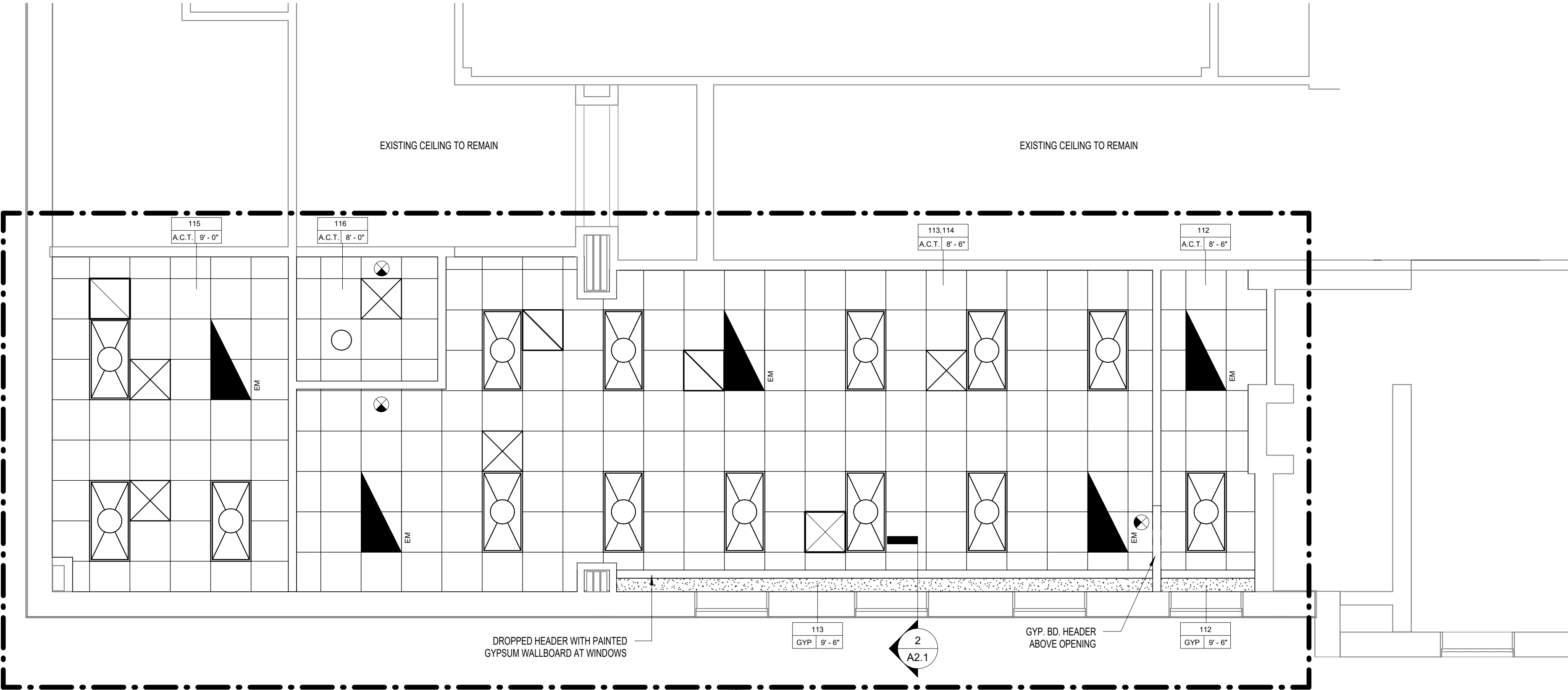
 OCCUPANCY SENSOR

 CEILING DIFFUSER

 RETURN AIR GRILLE

 EXHAUST FAN

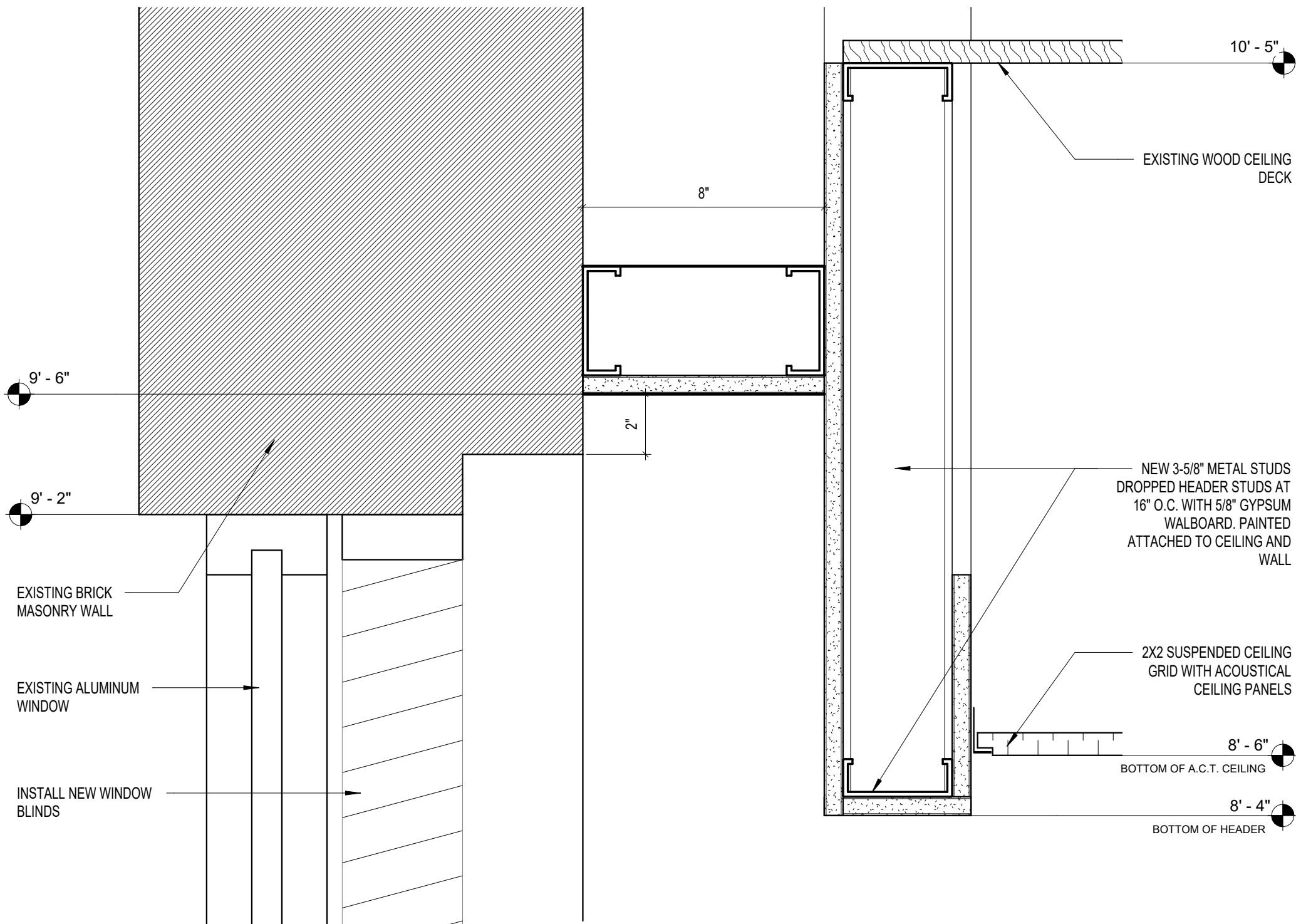
OTS OPEN TO STRUCTURE



PHASE 1

1 FIRST FLOOR REFLECTED CEILING PLAN

A2.1 1/4" = 1'-0"



2 DROPPED HEADER DETAIL

A2.1 3" = 1'-0"



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JM/JH
Project Code Checked By: DB

8/22/2025

Date

CONTRACT
DOCUMENTS

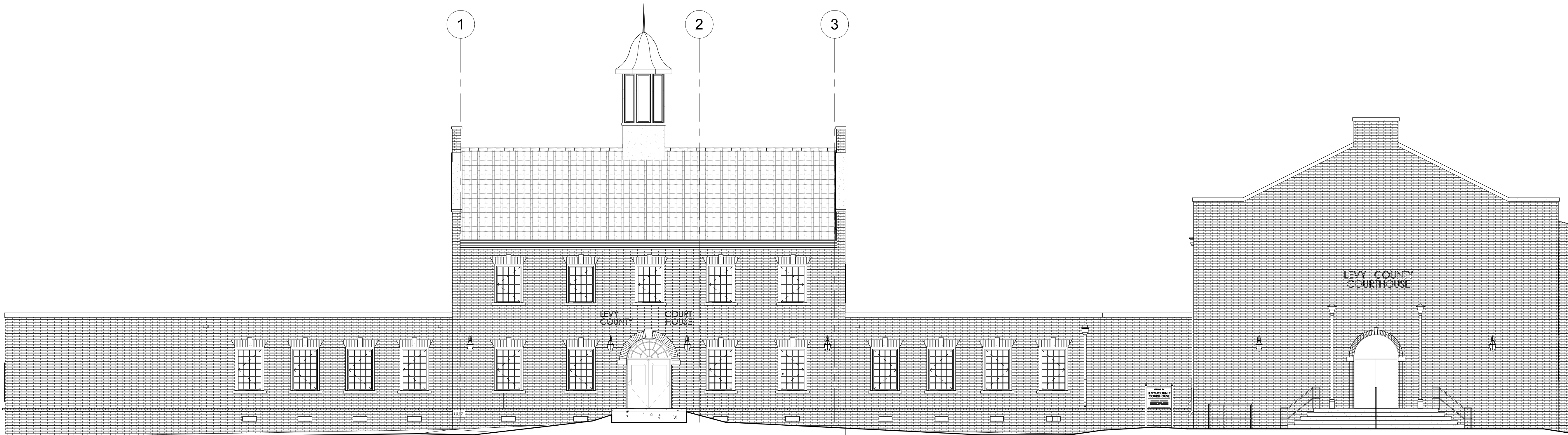
Revisions

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CEILING PLANS

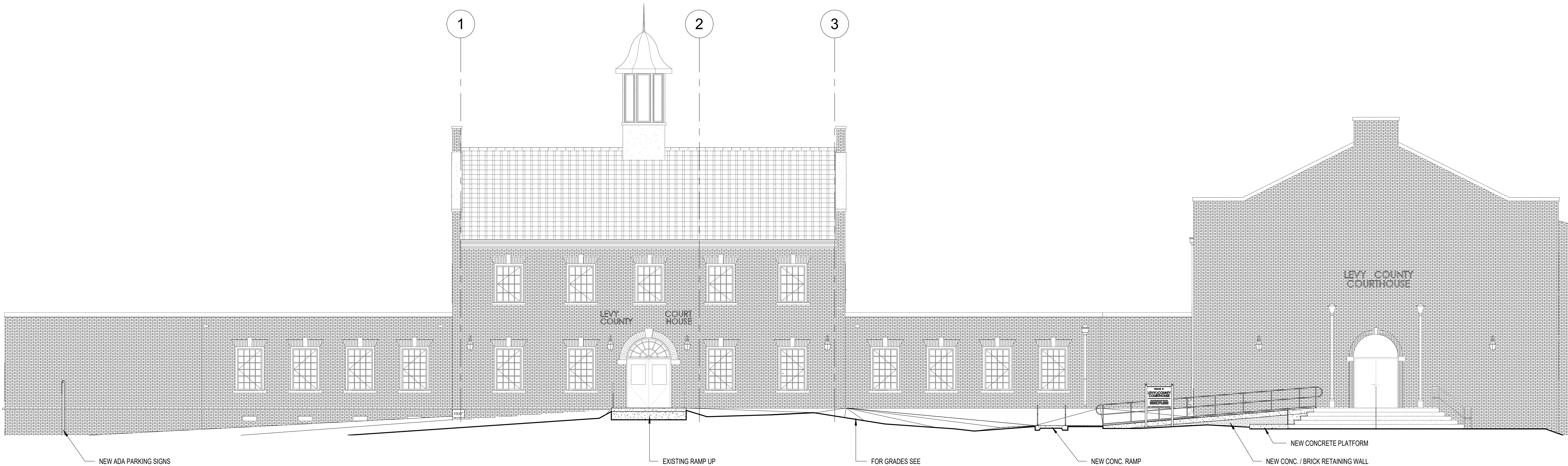
Tallahassee Florida

A2.1



1 SOUTH ELEVATION - EXISTING

A3.1 1/8" = 1'-0"



2 SOUTH ELEVATION - NEW WORK - PHASE 1

A3.1 1/8" = 1'-0"



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440 Drawn By: JM/JH
Project Code Checked By: DB

Date

CONTRACT
DOCUMENTS

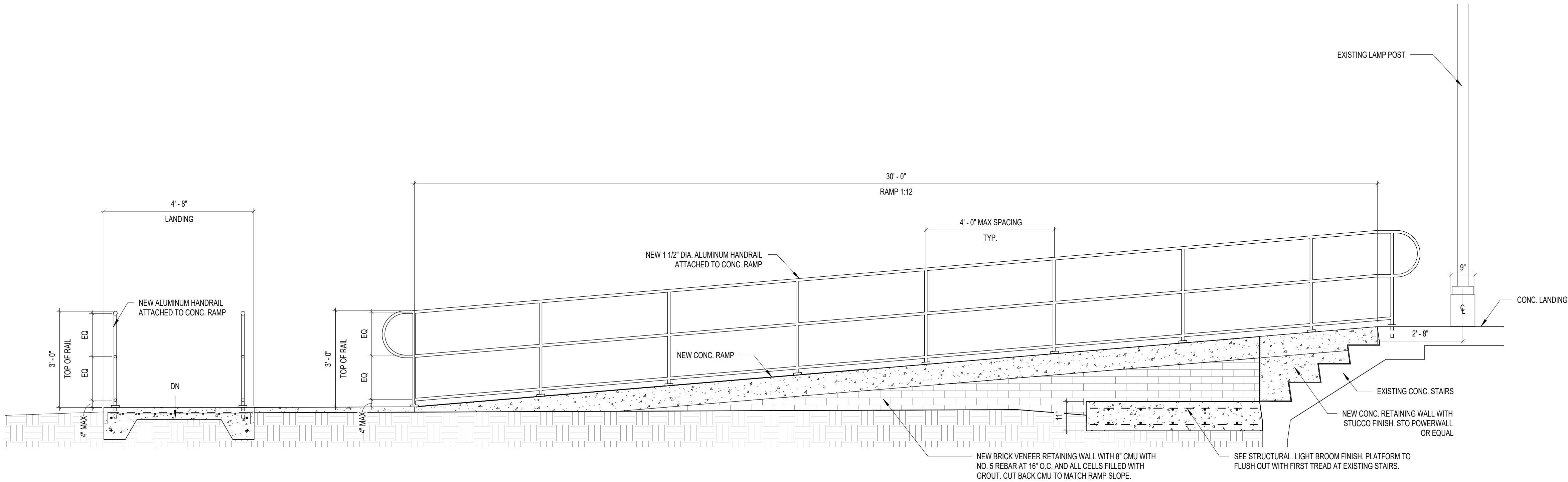
Revisions



BUILDING
ELEVATIONS -
EXISTING & NEW

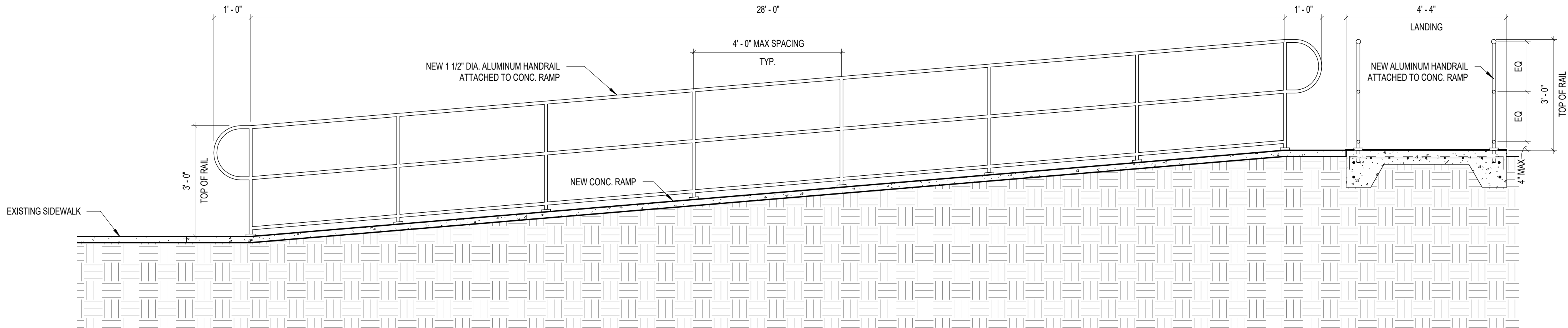
Tallahassee Florida

A3.1



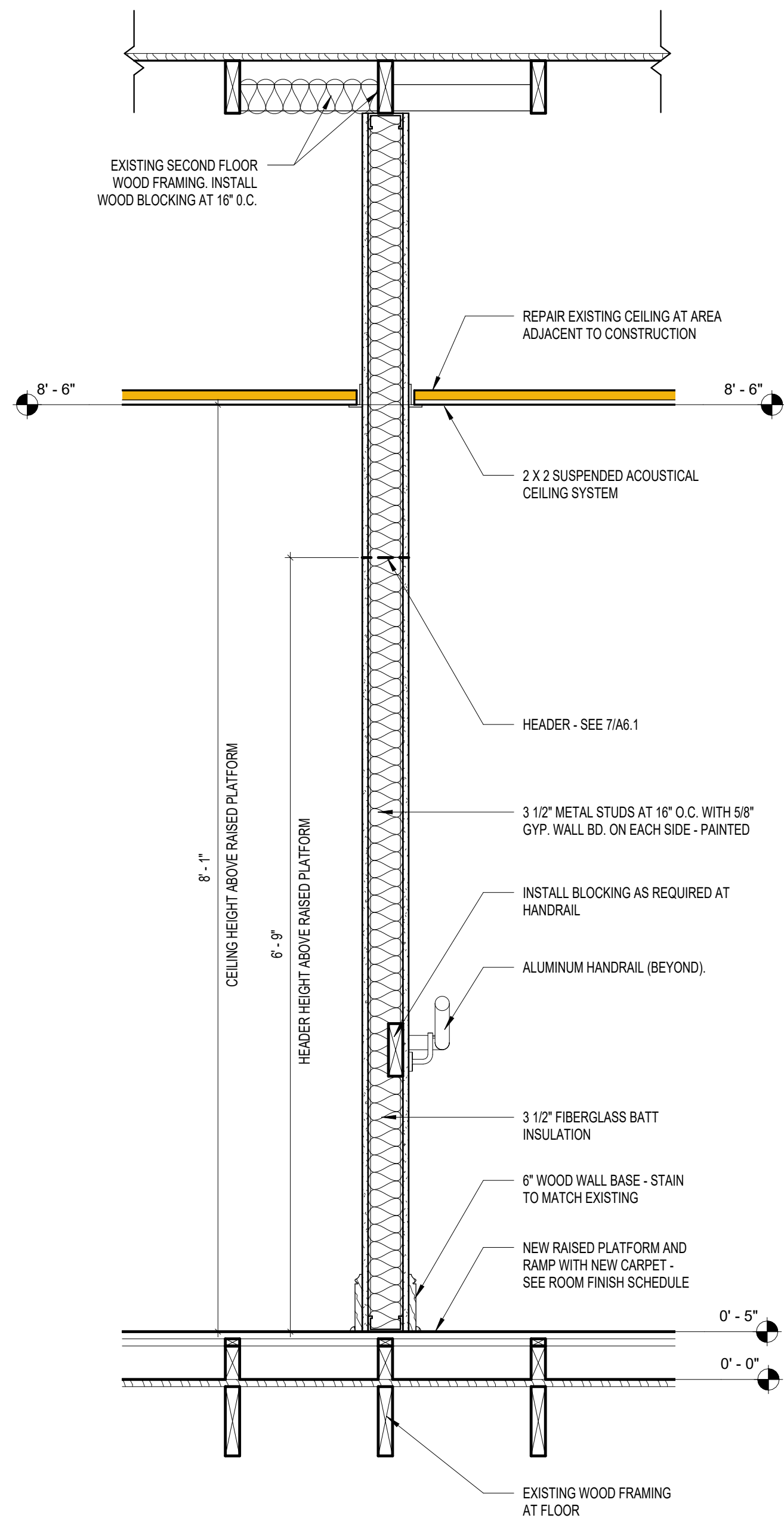
1 NEW CONCRETE RAMP - FACING PLAN NORTH

A3.2 1/2" = 1'-0"

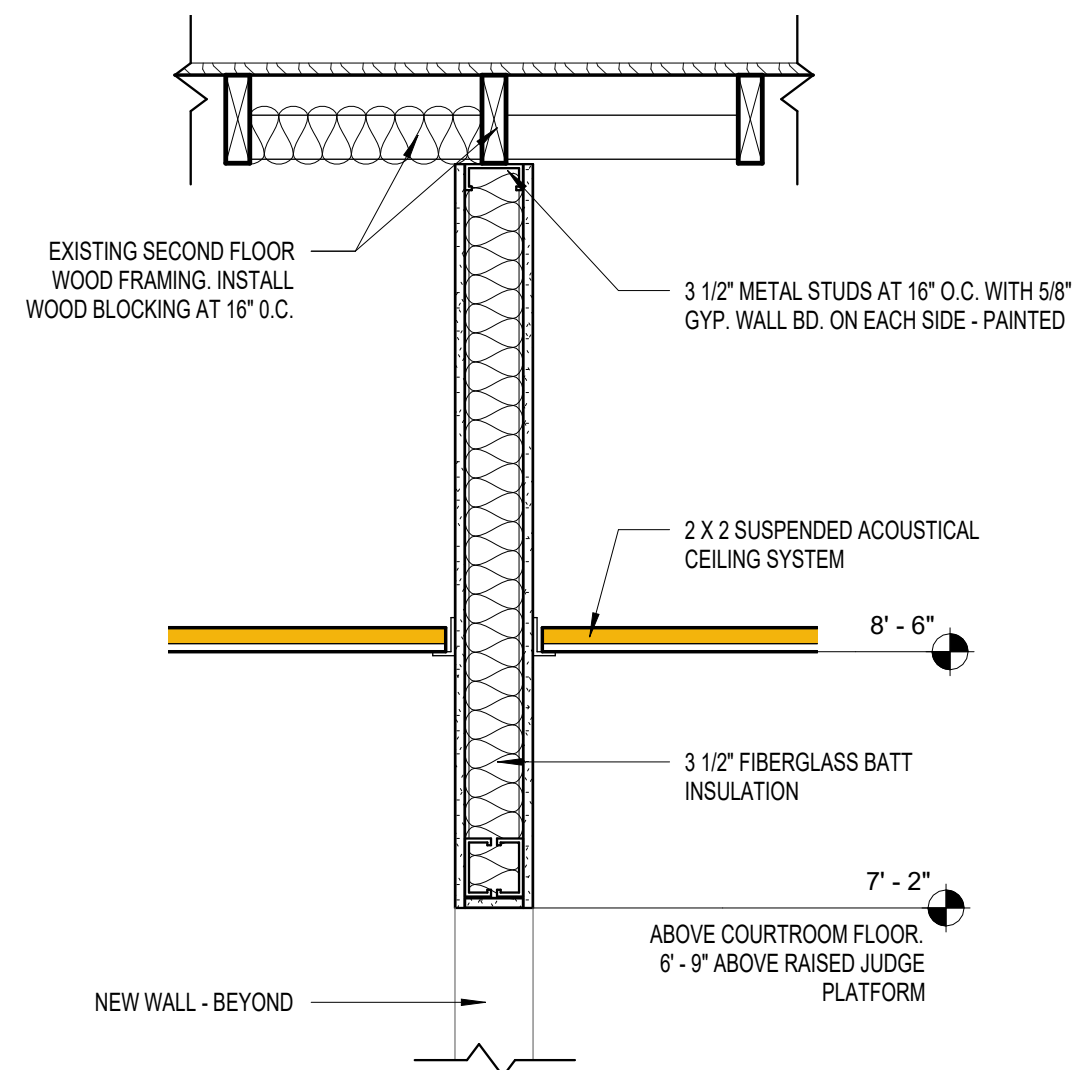


2 NEW CONCRETE RAMP - FACING PLAN WEST

A3.2 1/2" = 1'-0"

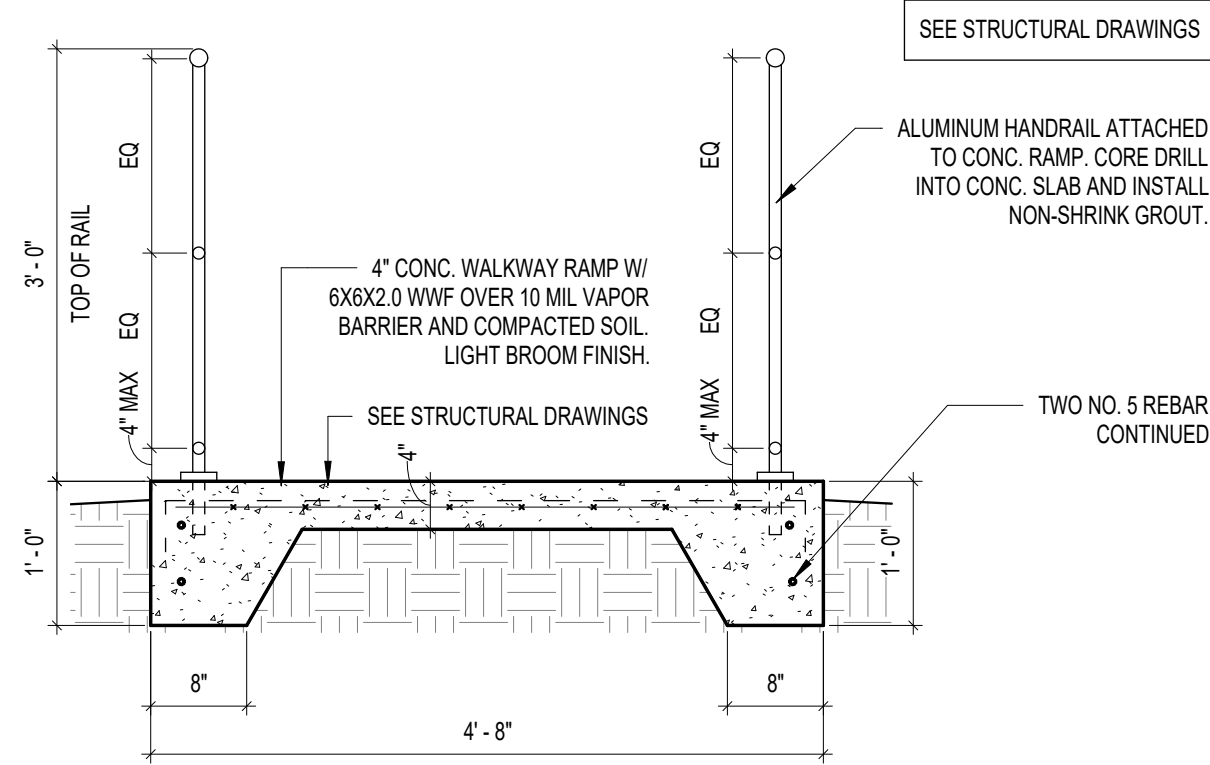
**9 WALL SECTION - JUDGE RAMP 112**

A6.1 1" = 1'-0"

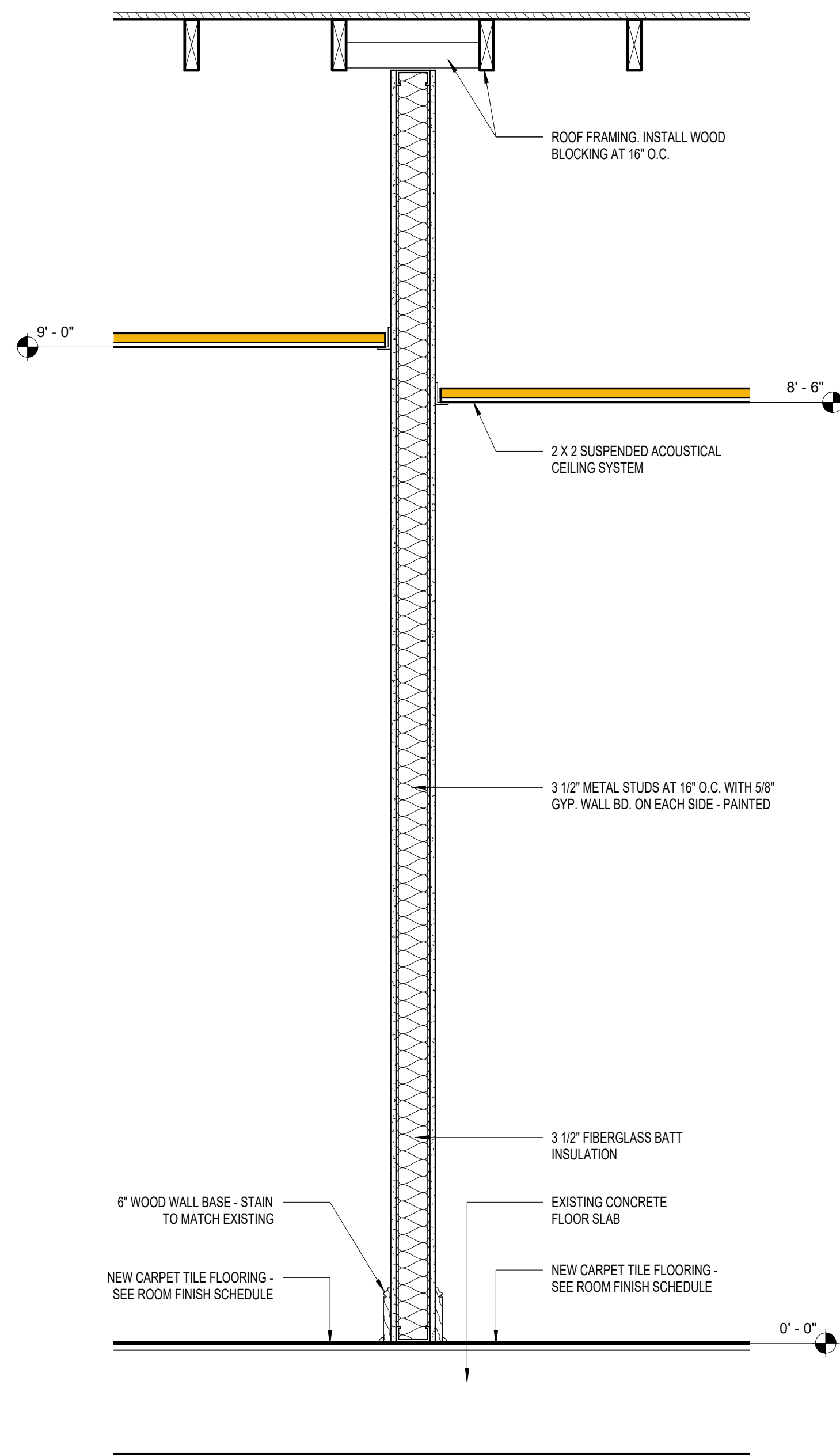
**10 HEADER - JUDGE RAMP 112**

A6.1 1" = 1'-0"

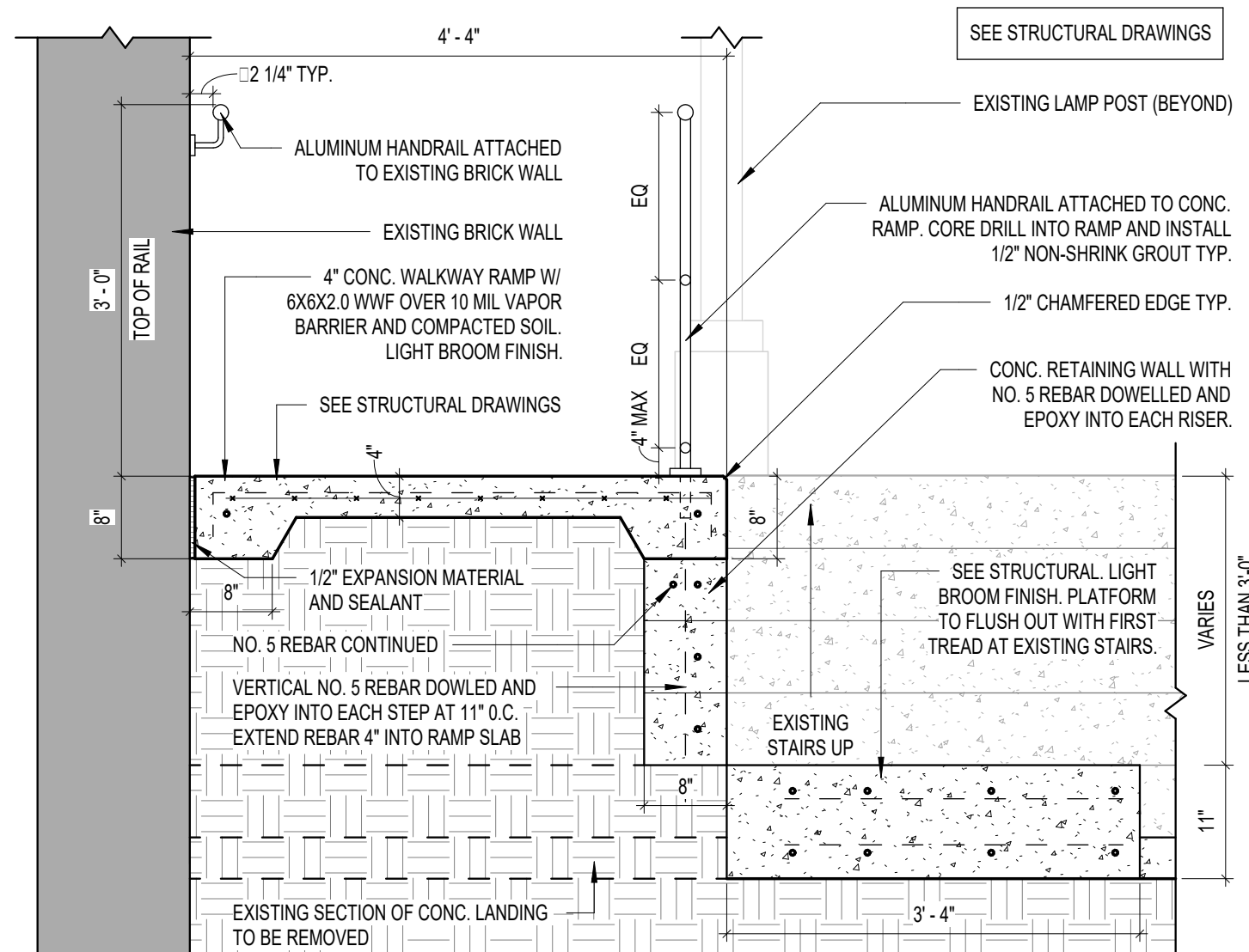
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**7 RAMP - SECTION 2**

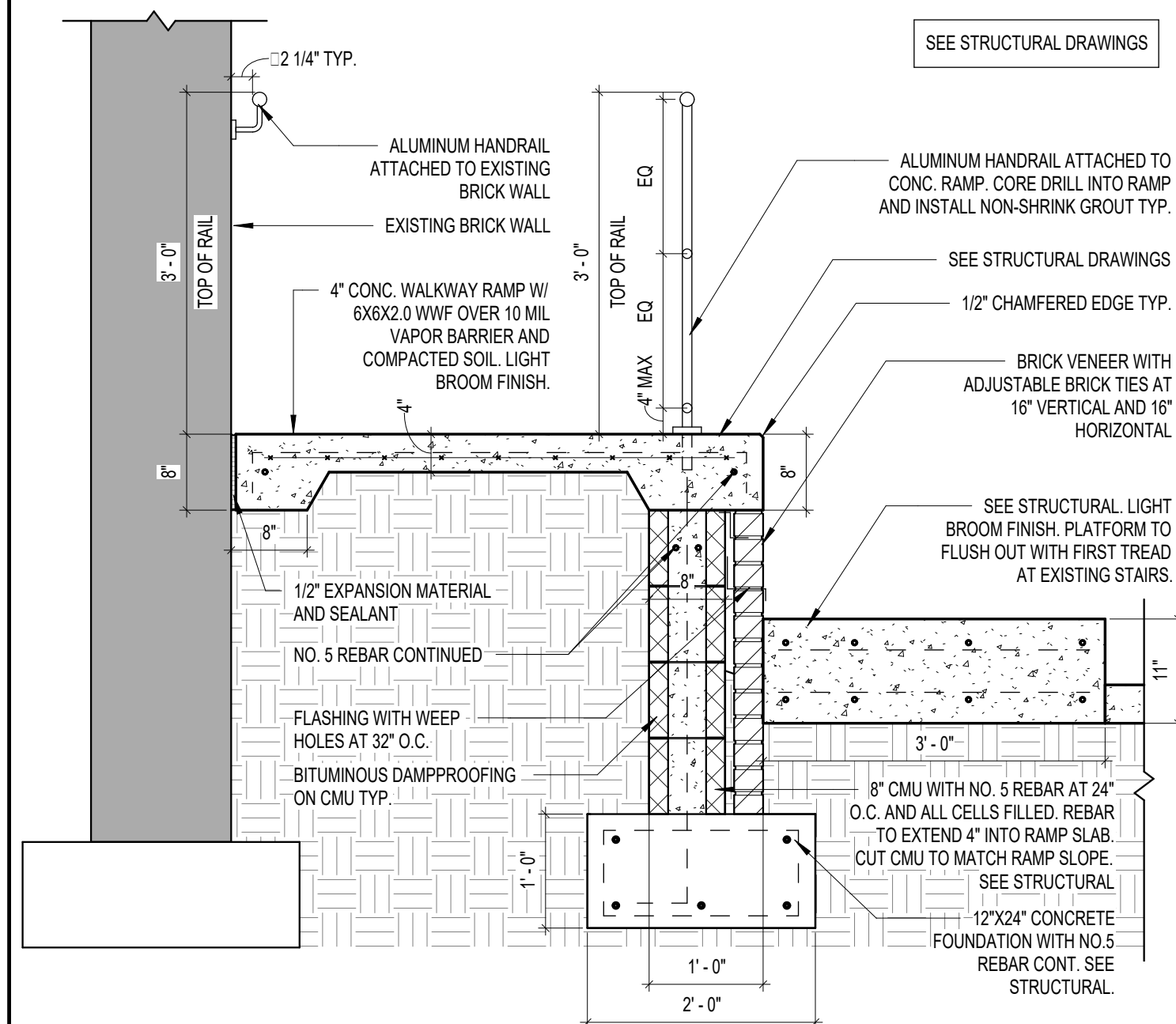
A6.1 3/4" = 1'-0"

**8 WALL SECTION - CONFERENCE 115**

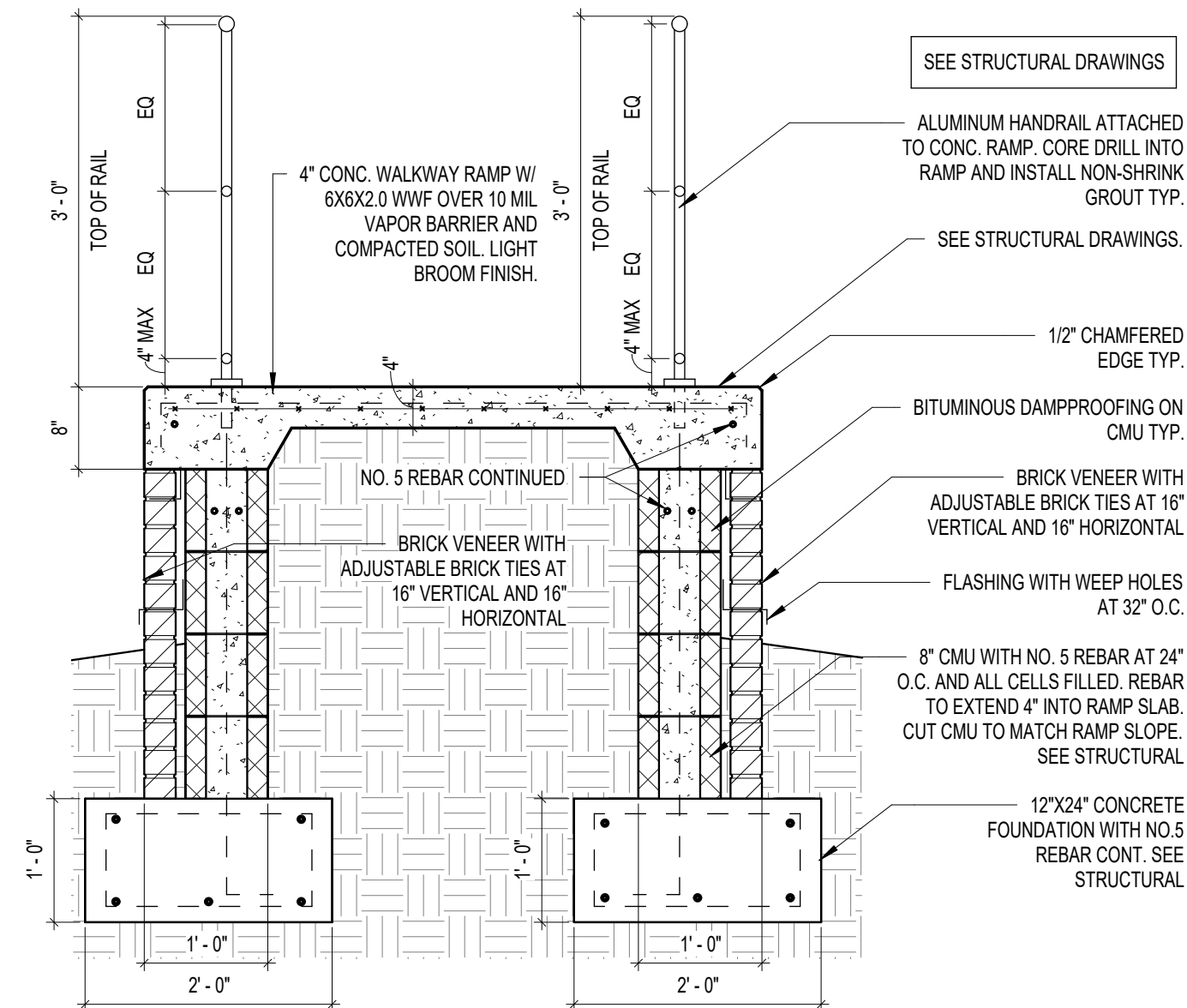
A6.1 1" = 1'-0"

**4 RAMP @ STAIR - SECTION**

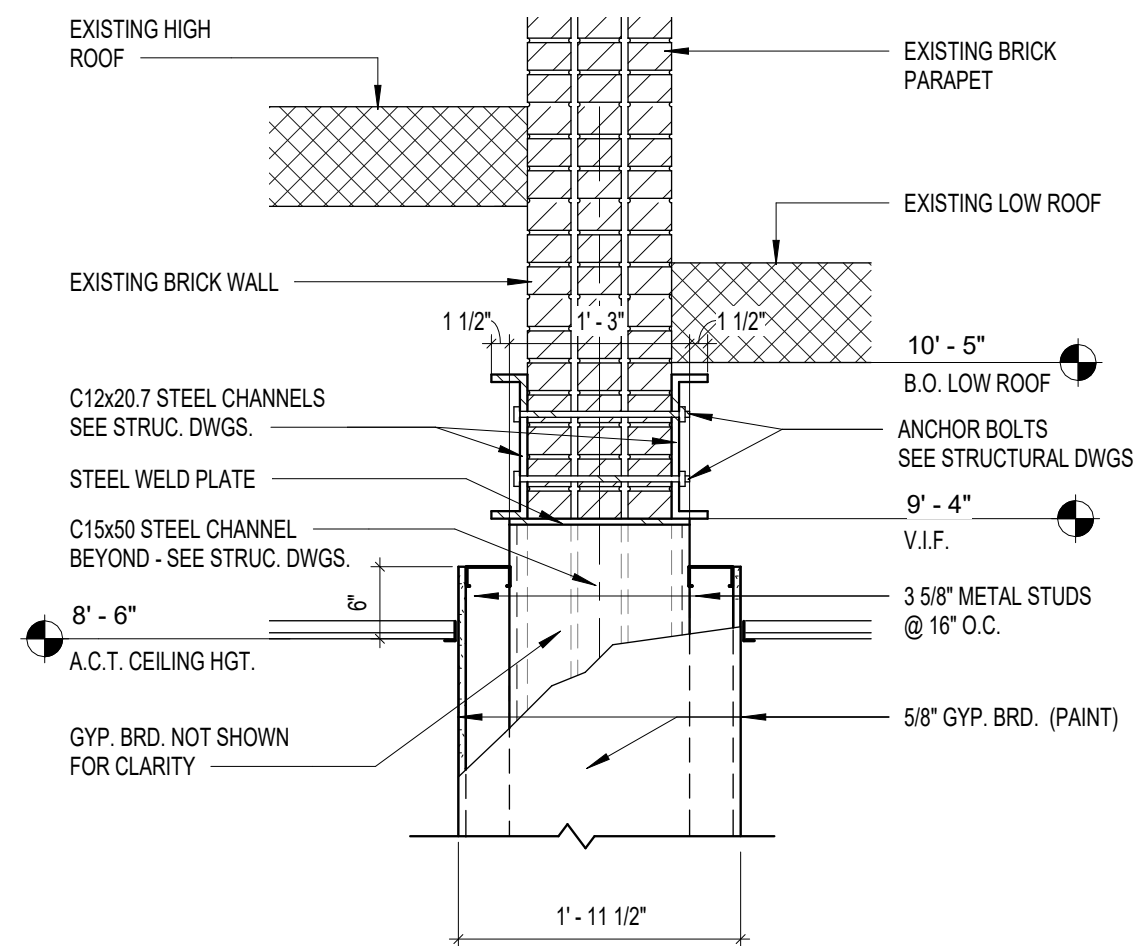
A6.1 3/4" = 1'-0"

**5 RAMP @ BUILDING - SECTION**

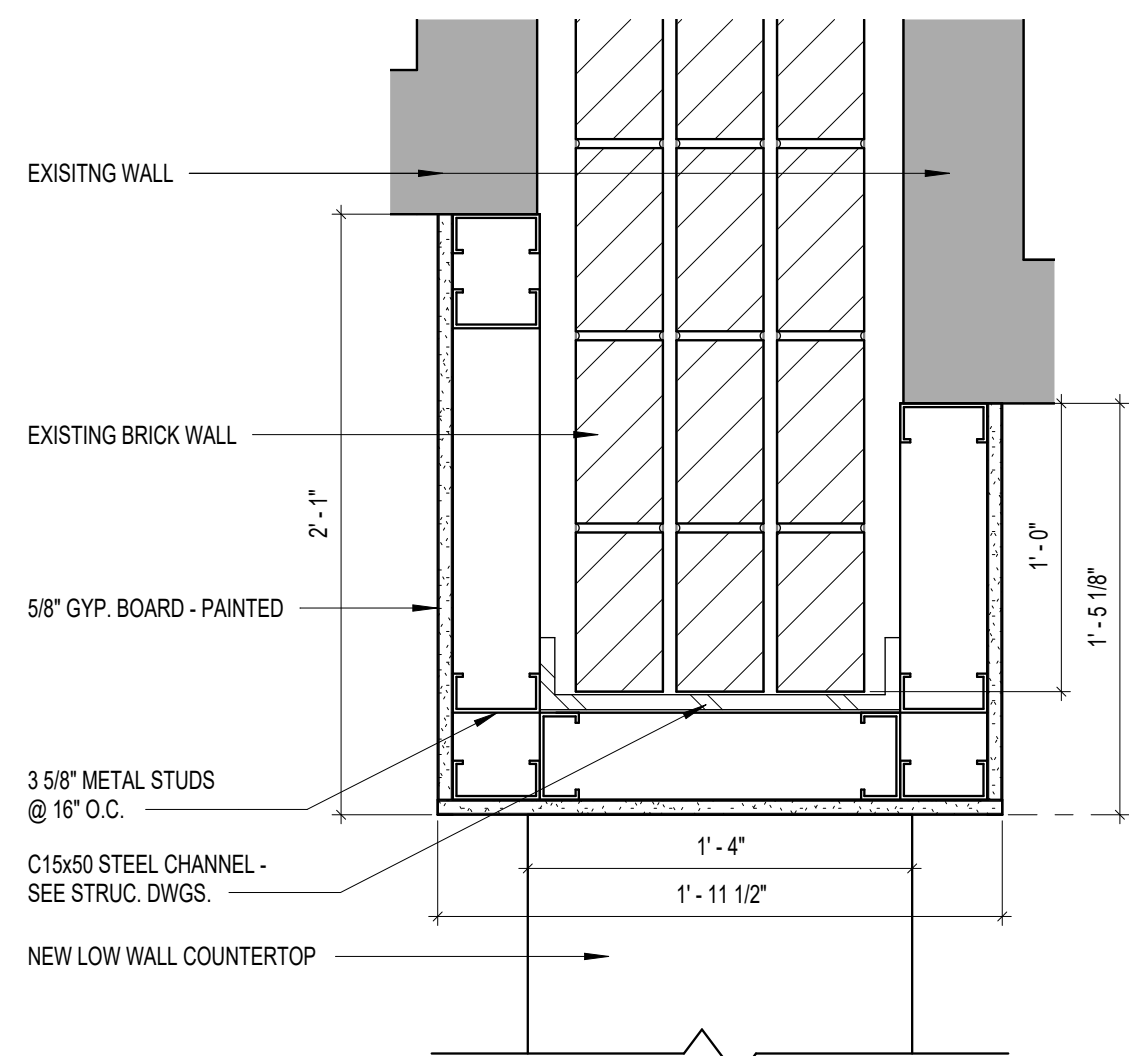
A6.1 3/4" = 1'-0"

**6 RAMP - SECTION 1**

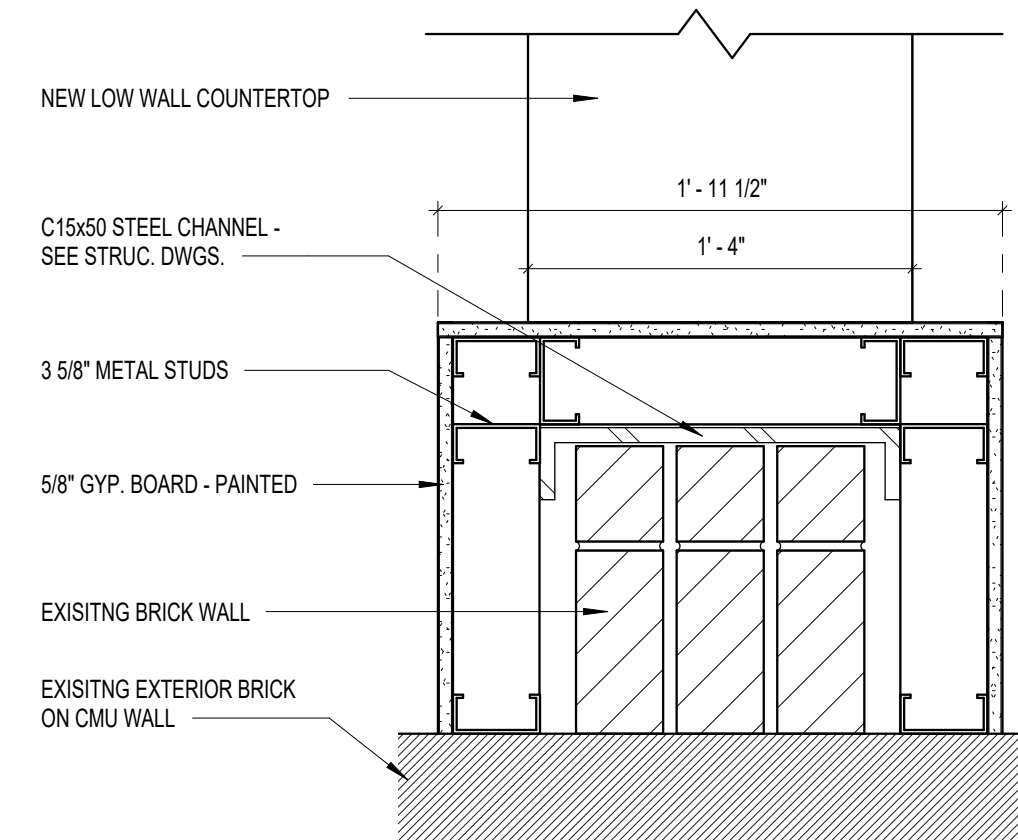
A6.1 3/4" = 1'-0"

**1 NEW BRICK WALL OPENING**

A6.1 3/4" = 1'-0"

**2 NEW BRICK WRAP - NORTH**

A6.1 1 1/2" = 1'-0"

**3 NEW BRICK WRAP - SOUTH**

A6.1 1 1/2" = 1'-0"

BFBS
ARCHITECTS**LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1**

18440 Drawn By: JH / KH

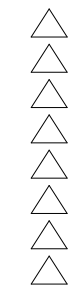
Project Code Checked By: DB

8/22/2025

Date

**CONTRACT
DOCUMENTS**

Revisions

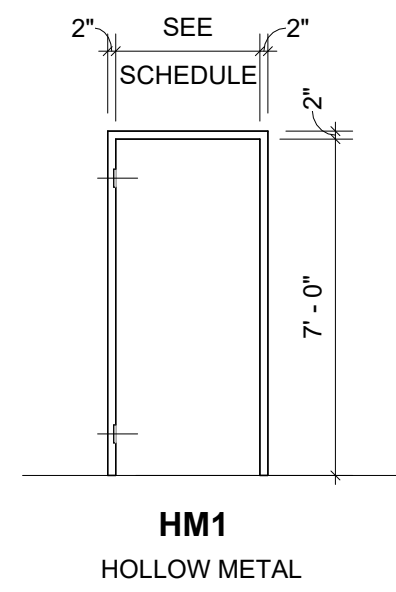
**BUILDING DETAILS**

Tallahassee Florida

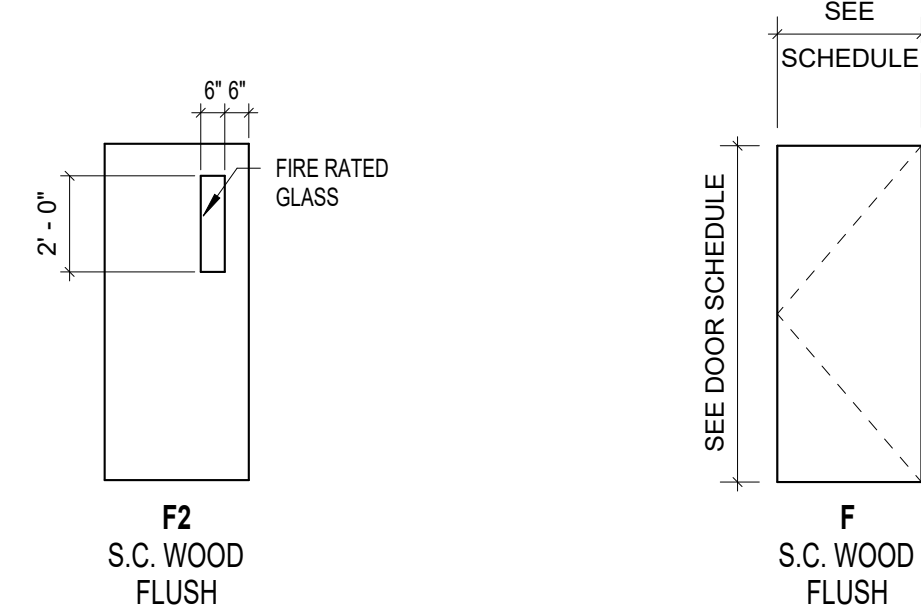
A6.12074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

DOOR SCHEDULE - PHASE 1														
DOOR NO.	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	HARDWARE SET	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	PHASE	REMARKS	
112	(45 min)	3' - 0"	7' - 0"	0' - 1 3/4"	F	STAIN	HM1	PAINT	2	6/A7.3	7/A7.3	-	PHASE 1	INSTALL DOOR TRIM WOOD
114		3' - 0"	7' - 0"	0' - 1 3/4"	F	STAIN	HM1	PAINT	1	13/A7.2	10/A7.2	-	PHASE 1	
115		3' - 0"	7' - 0"	0' - 1 3/4"	F	STAIN	HM1	PAINT	1	13/A7.2	10/A7.2	-	PHASE 1	
116	(45 min)	3' - 0"	7' - 0"	0' - 1 3/4"	F2	STAIN	HM1	PAINT	2	6/A7.3	7/A7.3	-	PHASE 1	

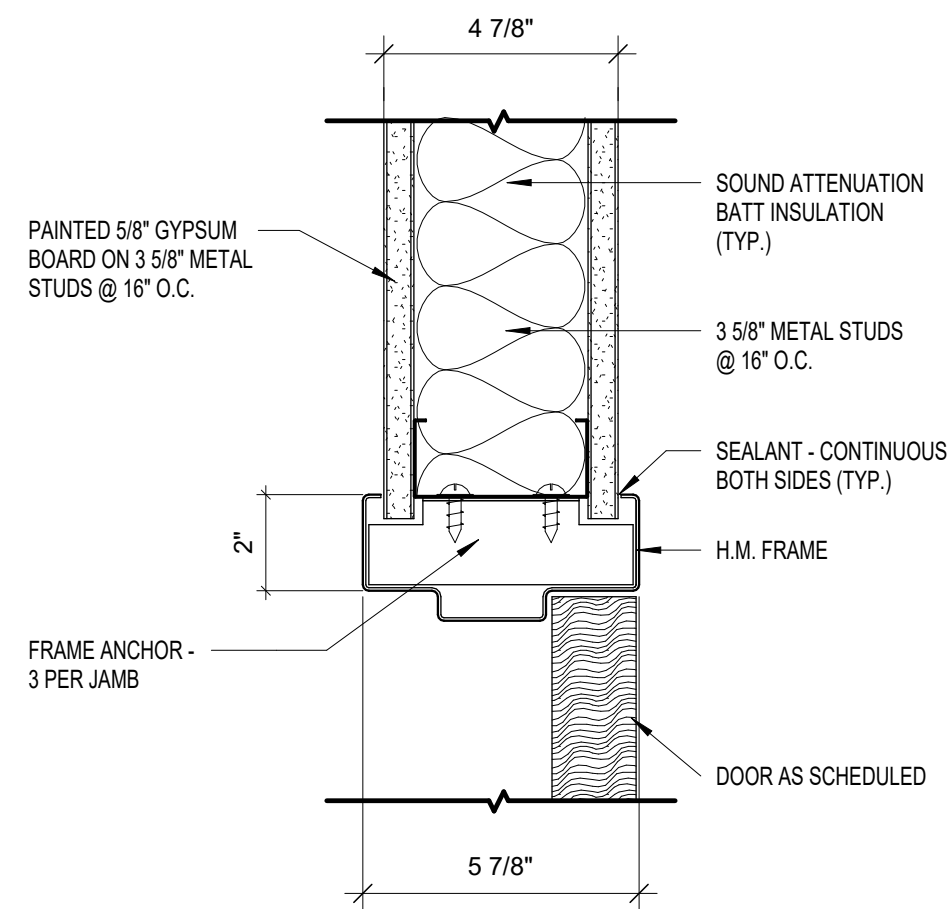
DOOR FRAME TYPES



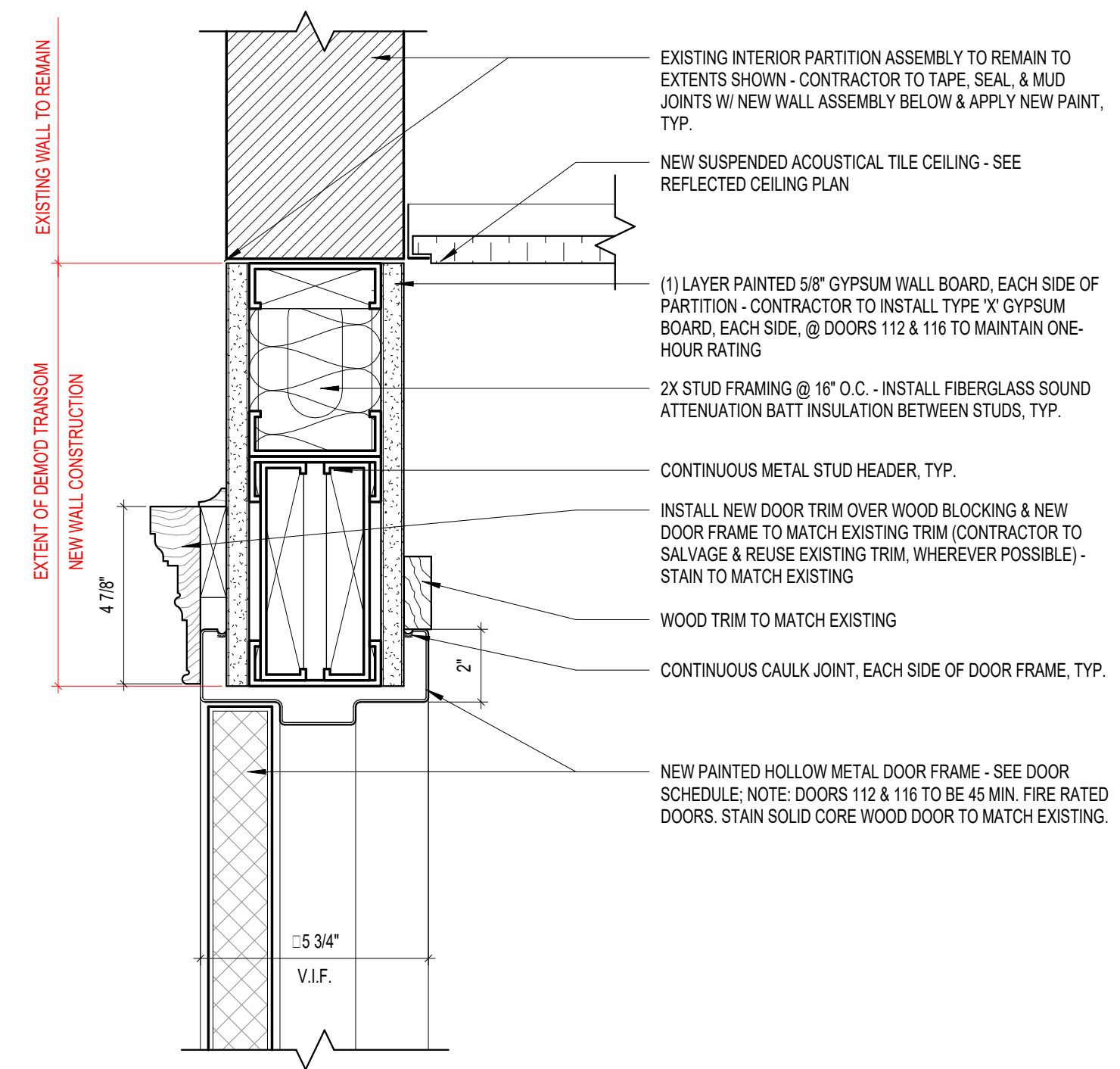
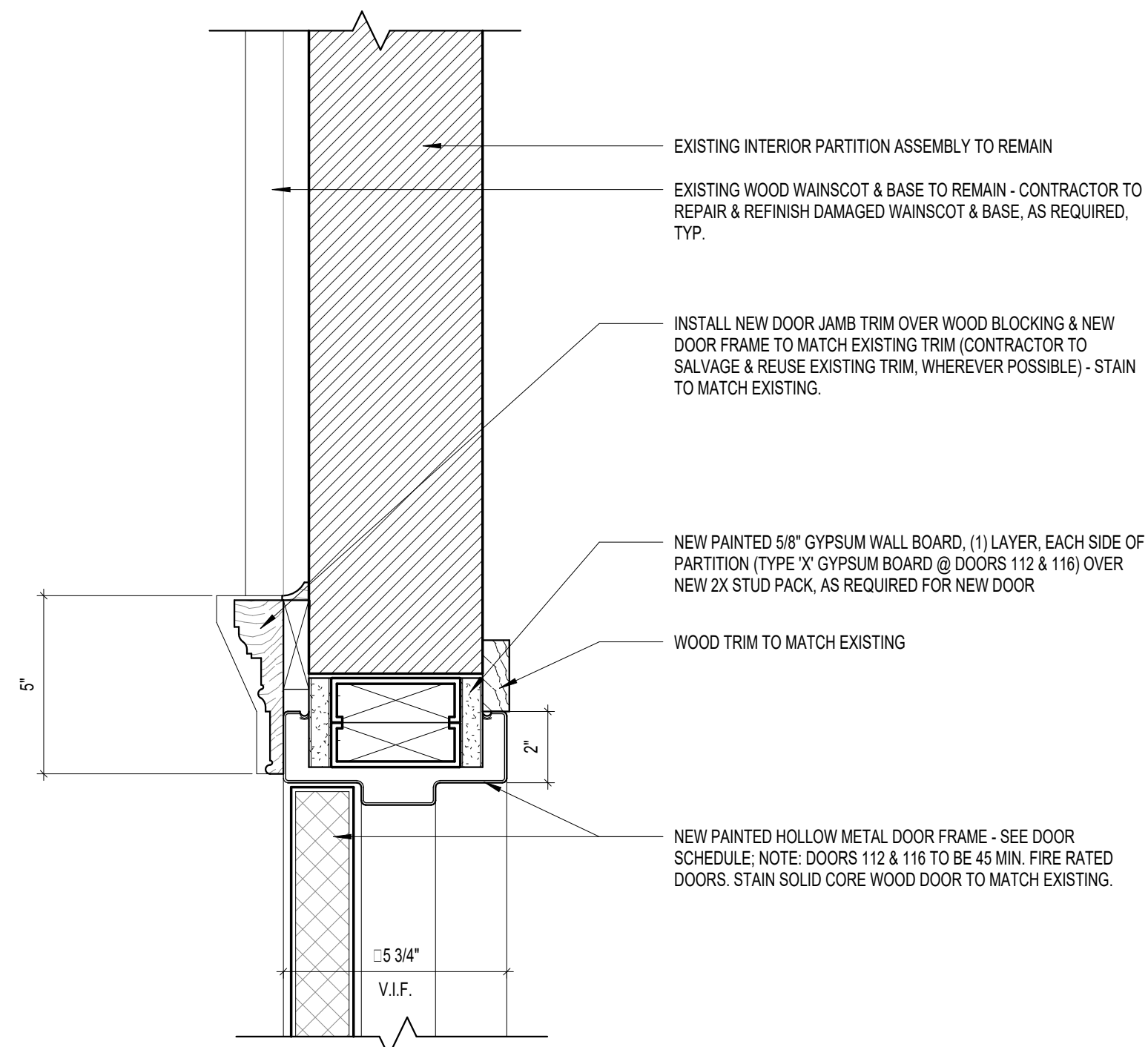
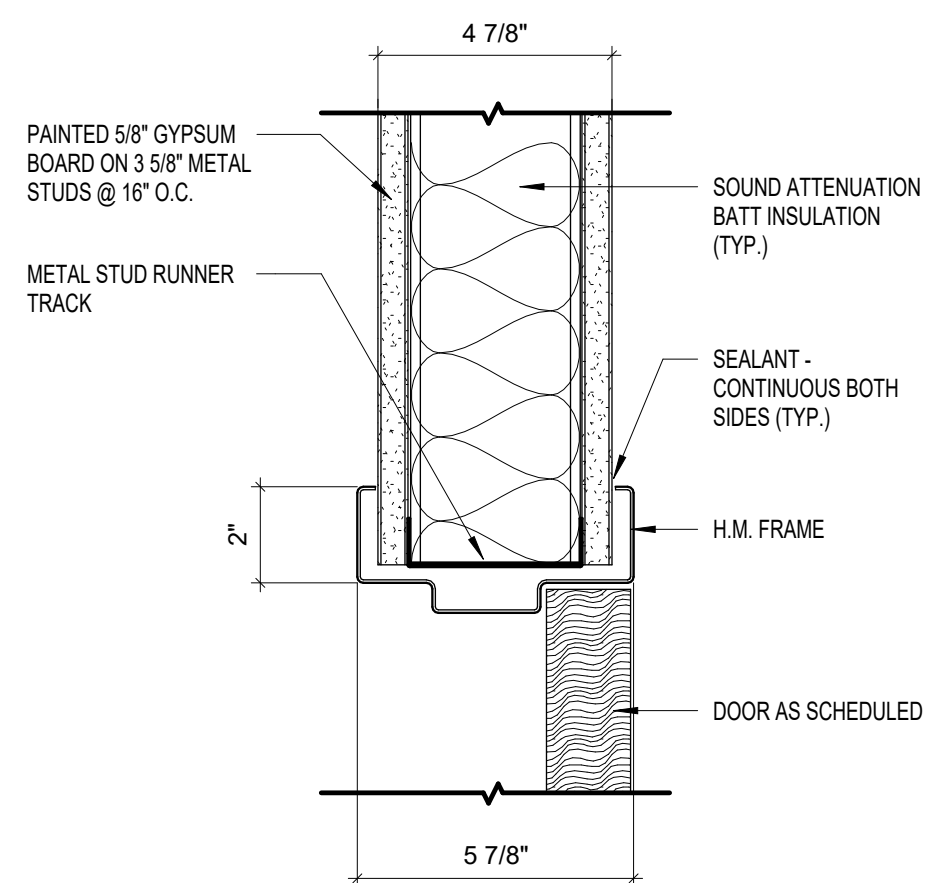
DOOR TYPES



GENERAL NOTE:
SEE DOOR SCHEDULE
FOR DOOR WIDTH AND HEIGHT



3	H.M.DOOR JAMB @ METAL STUD WALL
A7.1	3" = 1'-0"



4	H.M.DOOR HEAD @ METAL STUD WALL	2	NEW DOOR JAMB - EXISTING RATED WALL	1	NEW DOOR HEAD - EXISTING RATED WALL
A7.1	3" = 1'-0"	A7.1	3" = 1'-0" DOORS 112 & 116	A7.1	3" = 1'-0" DOORS 112 & 116

LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

18440	Drawn By:	JH
Project Code	Checked By:	DB

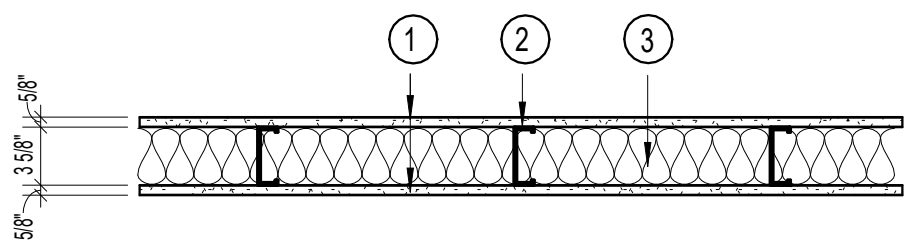
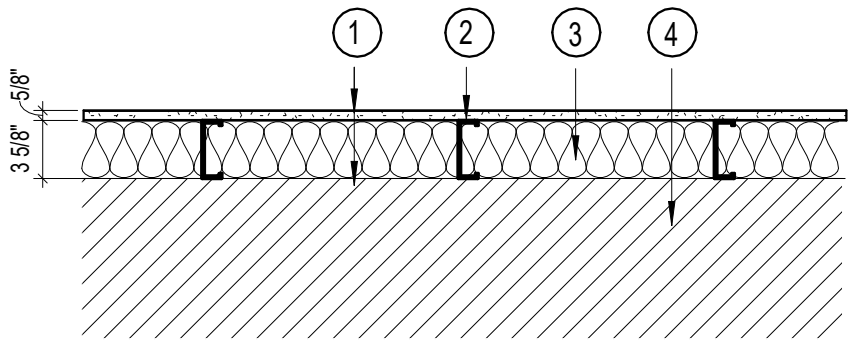
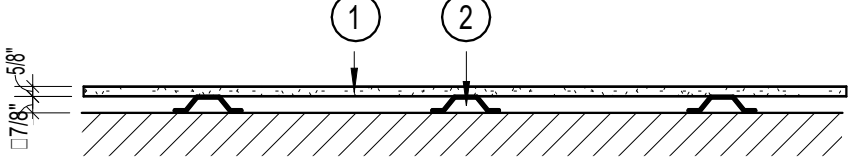
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CONTRACT
DOCUMENTS

Revisions



DOOR SCHEDULE & DETAILS

WALL PARTITION SCHEDULE				
MARK	SYMBOL	PLAN SECTION	ASSEMBLY	REMARKS
P-1			① 1 Layer of 5/8" Gypsum Board Type X on each side	
			② 3 5/8" Metal Studs @ 16" O.C.	
			③ F.G. Sound Attenuation Batts	
P-6			① 1 Layer of 5/8" Gypsum Board	
			② 3 5/8" Metal Studs @ 16" O.C.	
			③ F.G. Sound Attenuation Batts	
			④ Existing	
P- 8			① 1 Layer of 5/8" Gypsum Board on each side	
			② 7/8" Hat Channels @ 16" O.C.	



LEVY COUNTY
COURTHOUSE
RENOVATION -
PHASE 1

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Project Code Checked By: DB

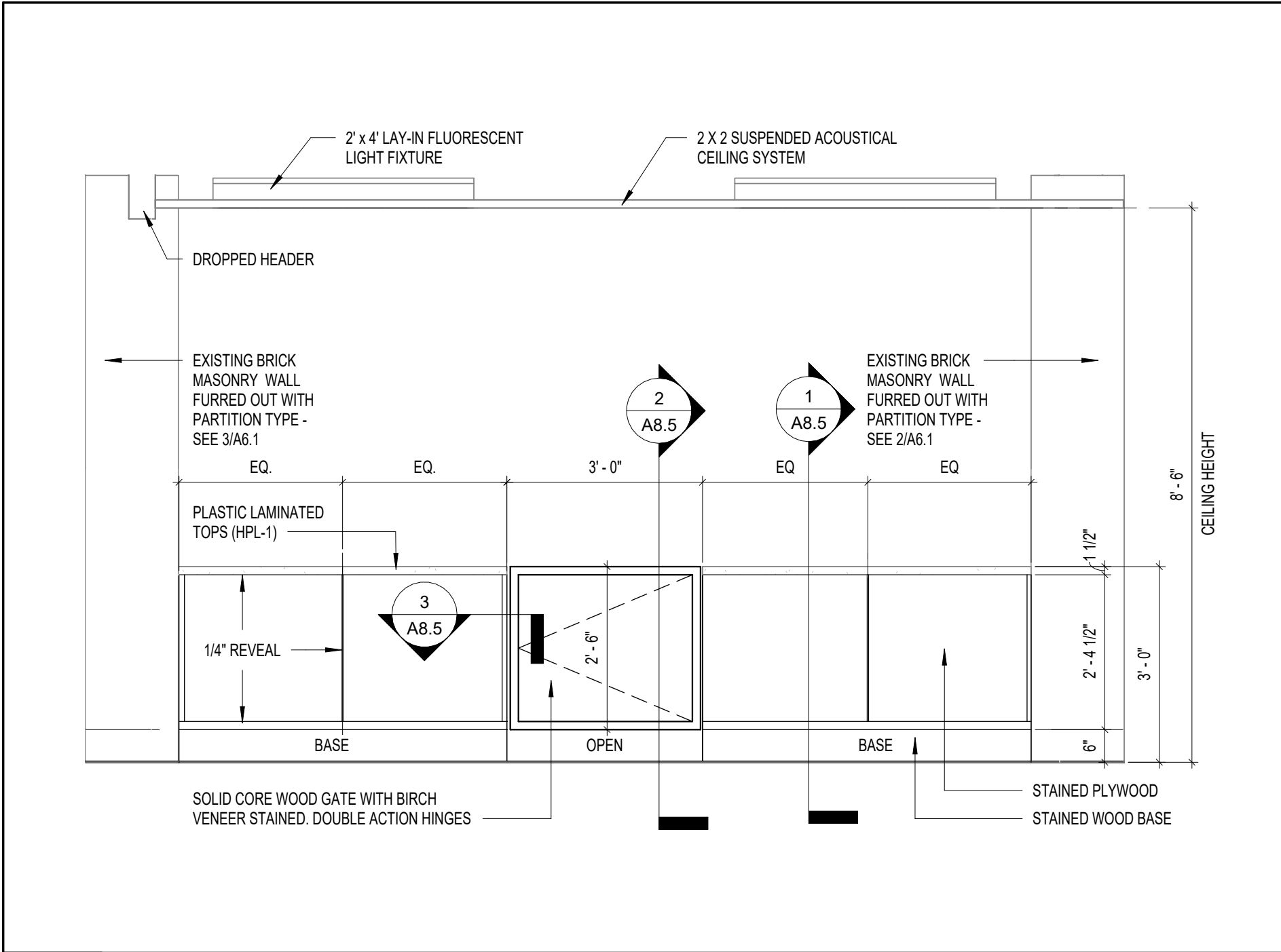
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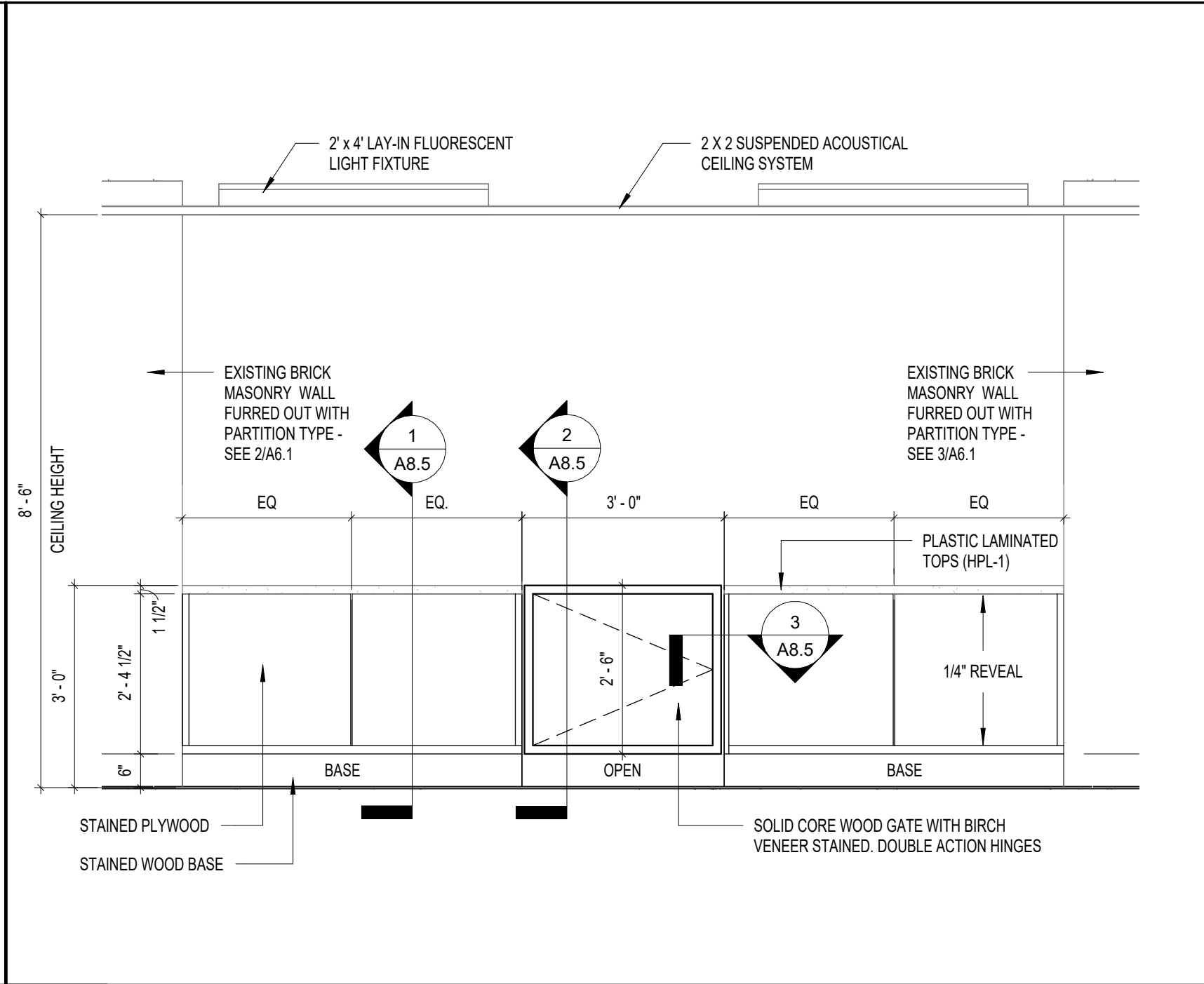
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PARTITION
SCHEDULES

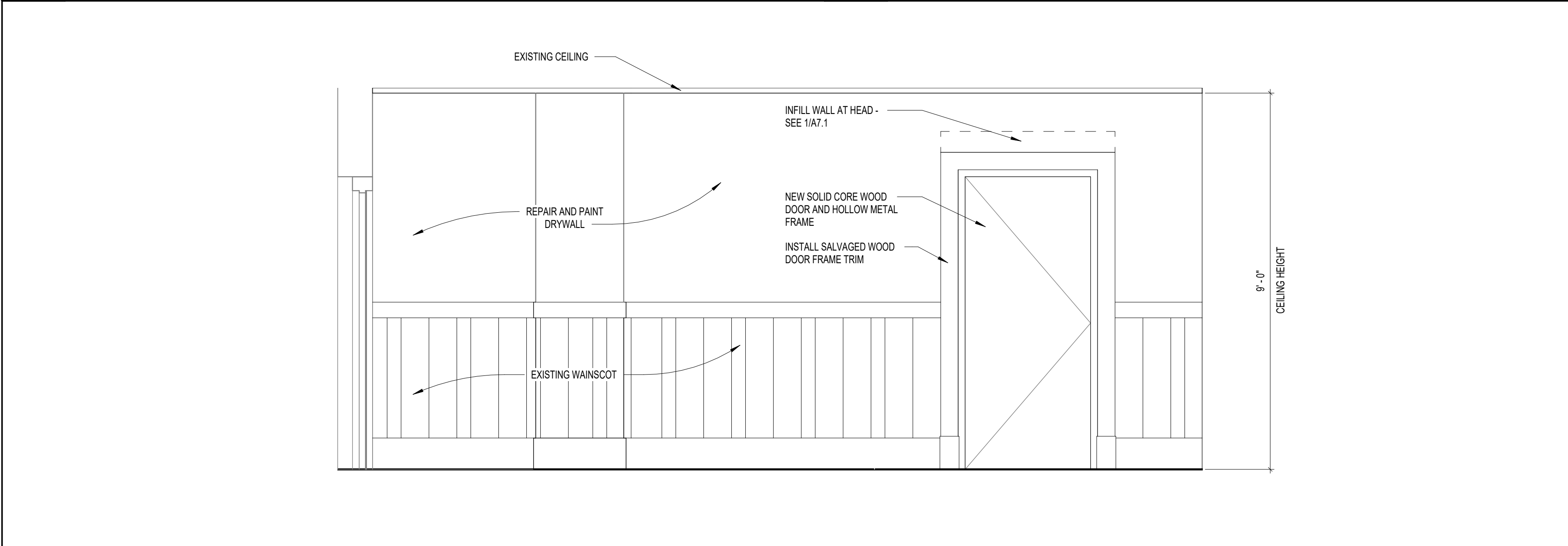
Tallahassee Florida



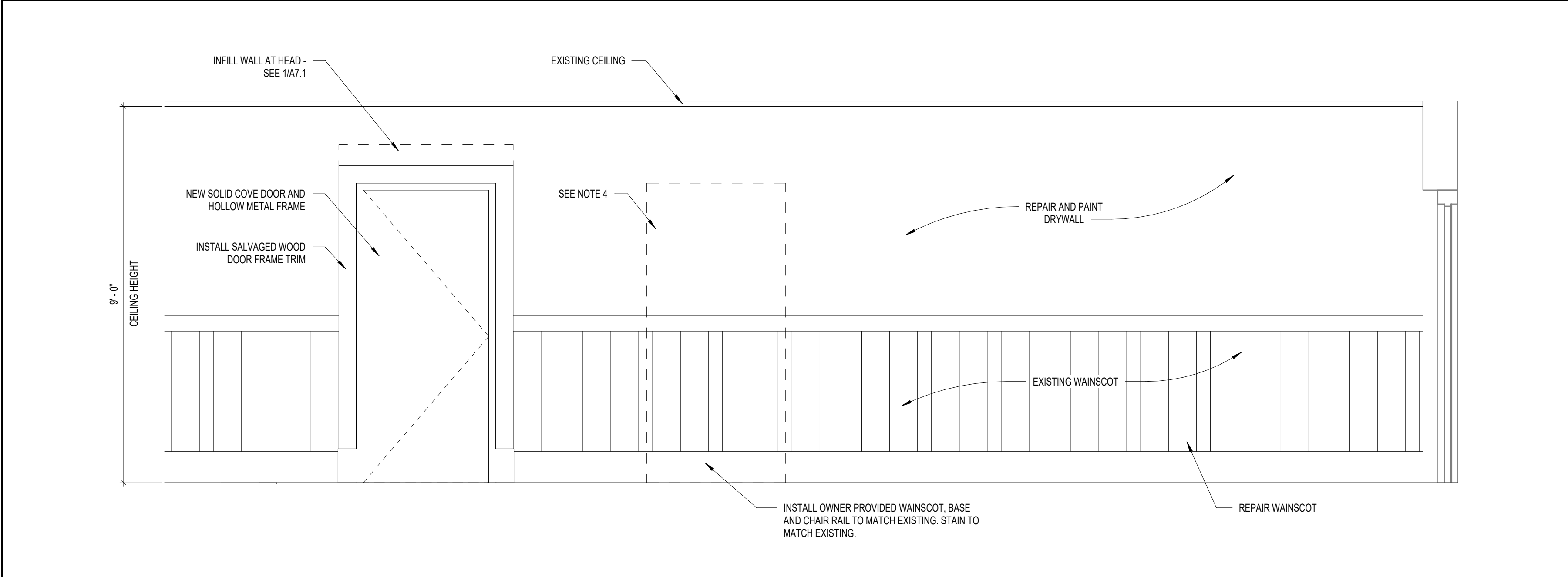
4	COURTROOM 113 NEW LOW WALL
A8.0	1/2" = 1'-0"



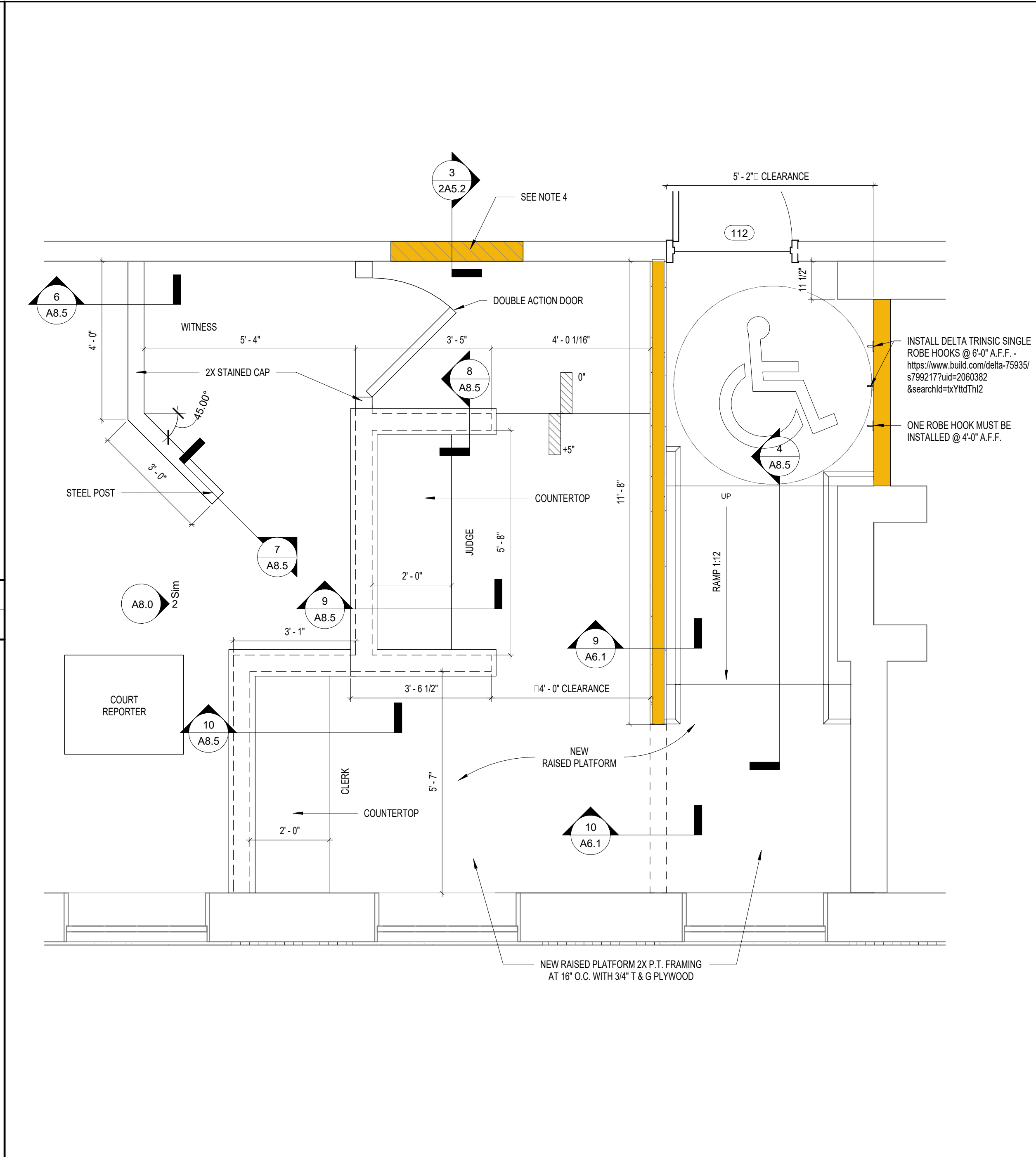
3	GALLERY 114 NEW LOW WALL
A8.0	1/2" = 1'-0"



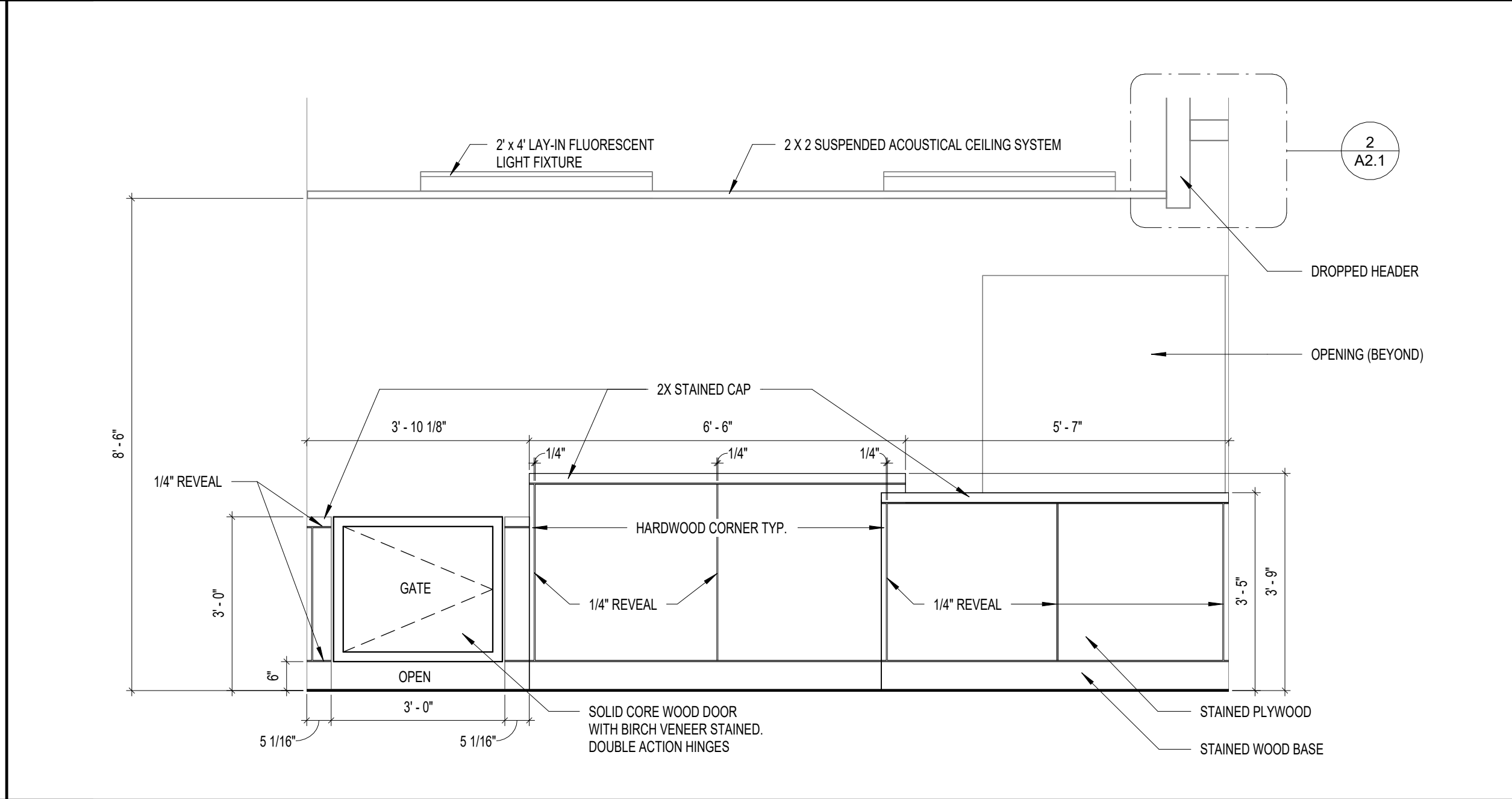
5	CORRIDOR ELEVATION 1
A8.0	1/2" = 1'-0"



6	CORRIDOR ELEVATION 2
A8.0	1/2" = 1'-0"



1	FIRST FLOOR PLAN - NEW WORK - MILLWORK
A8.0	1/2" = 1'-0"



2	COURTROOM 113 BENCH
A8.0	1/2" = 1'-0"

- NOTES
1. INSTALL CONCRETE CAP OVER REMAINING BRICK WALL AND SLOPE FOR TRANSITION BETWEEN FLOOR SYSTEMS.
 2. INSTALL BLOCKING FOR HANDRAIL AS REQUIRED.
 3. INSTALL NEW BLINDS AT EXISTING WINDOWS. MEASURE WINDOWS BEFORE ORDERING BLINDS.
 4. INFILL DOOR OPENING WITH 2X FRAMING AND 1 LAYER OF 5/8" TYPE X DRYWALL ON EACH SIDE. INSTALL 3 1/2" FIBERGLASS BATT INSULATION AT STUDS. OWNER TO PROVIDE BASE, WAINSCOT, WOOD TRIM AND EXISTING WOOD STAIN TO REPAIR AND MATCH EXISTING.
 5. OWNER TO PROVIDE TABLE, CHAIRS, BENCH SEATING AND COURT REPORTER DESK.
 6. REPAIR FIRE RATED WALL AT CORRIDOR TO MEET UL 305.
 7. REPAIR EXISTING DRYWALL TO REMAIN. PAINT ALL WALLS.
 8. INSTALL NEW RAISED PLATFORM AT JUDGES RAMP AND JUDGES/CLERKS DESK AREA.
 9. SAND AND RESEAL WINDOWSILL AT CONFERENCE ROOM 115.
 10. INSTALL TWO 2" GROMMETS AT JUDGES AND CLERKS DESK.



LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

18440 Drawn By: JM/KV
Project Code Checked By: DB

8/22/2025

Date

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MILLWORK PLAN & INTERIOR ELEVATIONS

Tallahassee Florida

A8.0

		8 A8.5 RAISED PLATFORM DETAIL 1" = 1'-0"		5 A8.5 WITNESS BOX DETAIL 1 1" = 1'-0"		1 A8.5 LOW WALL DETAIL 1 1" = 1'-0"	
		9 A8.5 JUDGE BENCH SECTION 1" = 1'-0"		6 A8.5 WITNESS BOX PARTITION 1" = 1'-0"		2 A8.5 LOW WALL GATE DETAIL 1" = 1'-0"	
		10 A8.5 CLERK BENCH SECTION 1" = 1'-0"		7 A8.5 WIT. BOX PARTITION END 1" = 1'-0"		3 A8.5 LOW WALL DETAIL 2 1" = 1'-0"	
		11 A8.5 TYP. REVEAL DETAIL 3" = 1'-0"		4 A8.5 JUDGE RAMP SECTION 1" = 1'-0"			

NOTES

1. PROVIDE TWO 2" GROMMETS AT EACH COUNTERTOP. LOCATION TO BE DETERMINED BY OWNER.
2. COORDINATE ELECTRICAL AND MILLWORK SUBCONTRACTORS FOR INSTALLATION AND ROUTING OF POWER AND DATA UNDER PLATFORM AND MILLWORK WORKSTATIONS.
3. TWO 6" DOUBLE ACTION HINGES, HINGE OUTLET: HO-DLSPRH-BRS-6. BRASS FINISH OR EQUAL.



LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

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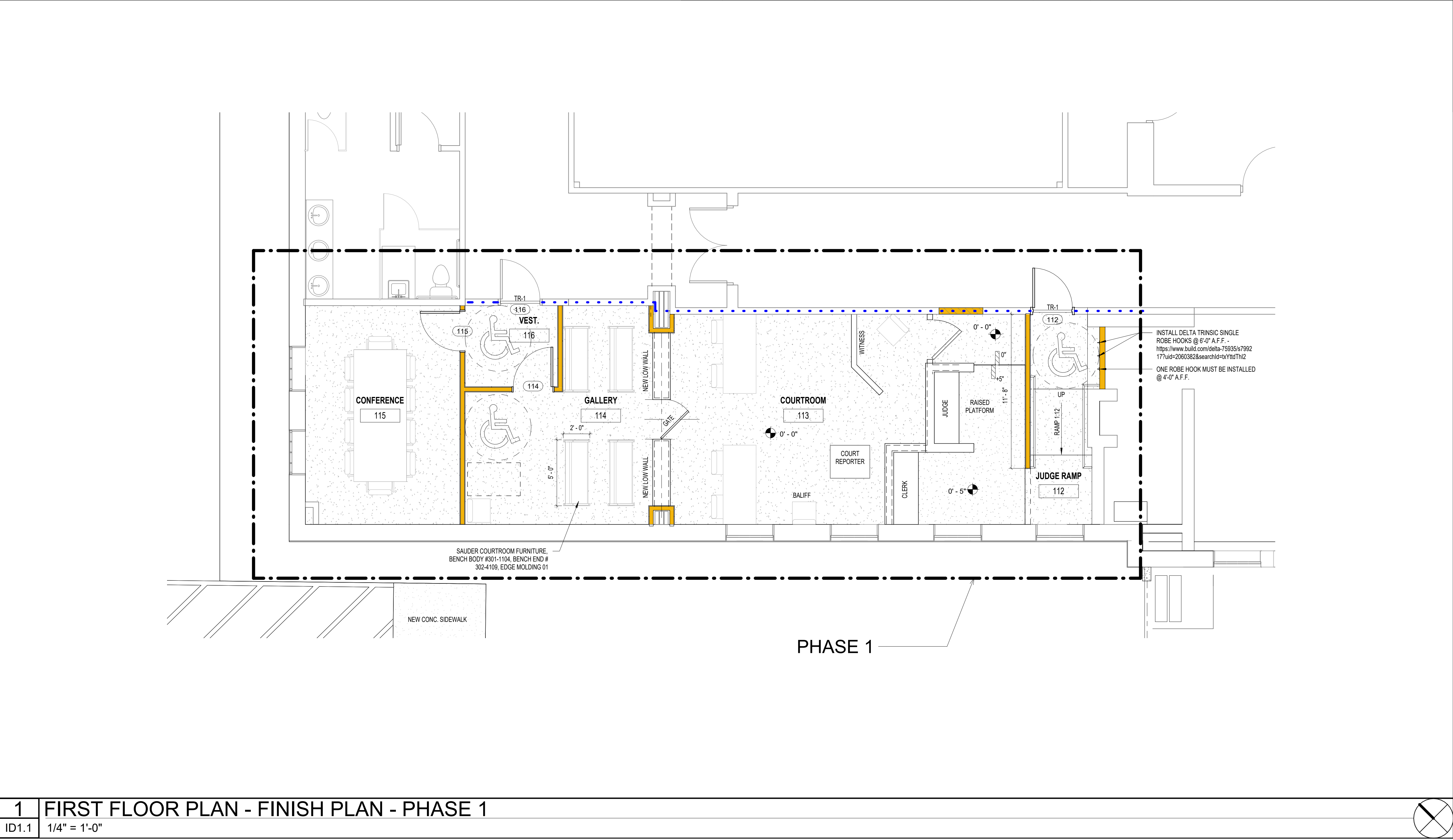
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MILLWORK SECTIONS

Tallahassee Florida

A8.5

ROOM FINISH SCHEDULE - PHASE 1											
ROOM NO.	ROOM NAME	FLOOR	BASE	PLAN NORTH	PLAN SOUTH	PLAN EAST	PLAN WEST	CEILING		PHASE	COMMENTS
								MATERIAL	HEIGHT		
112	JUDGE RAMP	CPT-1	WOOD	PT.1	PT.1	PT.1	PT.1	ACT-1	8' 6"	PHASE 1	
113	COURTROOM	CPT-1	WOOD	PT.1	PT.1	PT.1	PT.1	ACT-1	8' 6"	PHASE 1	
114	GALLERY	CPT-1	WOOD	PT.1	PT.1	PT.1	PT.1	ACT-1	8' 6"	PHASE 1	
115	CONFERENCE	CPT-1	WOOD	PT.1	PT.1	PT.1	PT.1	ACT-1	9'-0"	PHASE 1	
116	VEST.	CPT-1	WOOD	PT.1	PT.1	PT.1	PT.1	ACT-1	8' 0"	PHASE 1	
FINISH MATERIAL LEGEND - PHASE 1											
CODE	MATERIAL NAME	MATERIAL DESCRIPTION	MANUFACTURER	PRODUCT #	COLOR/FINISH	LOCATION	MATERIAL COMMENTS				
ACT	ACOUSTIC CEILING										
ACT-1	ACOUSTIC CEILING TILE	2' X 2' FISSURED SQUARE LAY-IN TILE AND 15/16" GRID	ARMSTRONG	FISSURED	WHITE	GEN. INTERIOR CEILING	PRELUDE GRID 15/16" WHITE				
HPL	HIGH PRESSURE LAMINATE										
HPL-1	HIGH PRESSURE LAMINATE	MILLWORK HIGH PRESSURE LAMINATE	WILSONART	4979	INK VESTA	NEW LOW WALL TOP	SEE MILLWORK DETAILS				
CPT	CARPET TILE										
CPT-1	CARPET TILE		PATCRAFT	I0460-00400	TECHNIQUE		DIRECT GLUE; MONOLITHIC INSTALL. MATCH COURTHOUSE STANDARD				
PT	PAINT										
PT-1	PAINT	INTERIOR FIELD COLOR	SHERWIN-WILLIAMS	--	MATCH EXISTING / SEMIGLOSS		PAINT COLOR TO MATCH EXISTING COURTROOM STANDARD				
PT-2	PAINT	INTERIOR DOOR FRAME PAINT	SHERWIN-WILLIAMS	7675	SEALSKIN / SEMIGLOSS	INTERIOR H.M. DOOR FRAME					
ST	STAIN										
ST-1	STAIN	WOOD DOOR STAIN	--	--	MATCH EXISTING DOORS	ALL PREFINISHED WOOD DOORS					
ST-2	STAIN	WOOD MILLWORK STAIN	--	--	--	WOOD SURFACES	MATCH WOOD STAIN TO OLD COURTROOM MILLWORK				
TR	FLOORING TRANSITION STRIP										
TR-1	FLOORING THRESHOLD	JOHNSONITE RUBBER MOULDING	TARKETT	CTA-XX-H	28 MEDIUM GREY	DOOR 112, DOOR 116					
WB	WALL BASE										
WB-1	WALL BASE	1 X 6 WOOD TO MATCH EXISTING			STAIN TO MATCH EXISTING		MATCH EXISTING BASE AT LOBBY. SALVAGE AND REUSE EXISTING BASE WHERE POSSIBLE.				



FLOORING FINISH LEGEND
CPT-1

NOTES

- WOOD BASE STAINED TO MATCH EXISTING.
- WOOD TRIM AT DOOR FRAME TO MATCH EXISTING AT LOBBY. STAIN TO MATCH EXISTING.

NOTES

1. CONTRACTOR TO PROVIDE STAIN SAMPLES TO MATCH EXISTING DOORS, WOOD TRIM AND BASE. PROVIDE SAMPLE STAINS ON WOOD FOR MILLWORK TO MATCH OLD COURTROOM MILLWORK FOR FINAL SELECTION BY ARCHITECT AND OWNER.



LEVY COUNTY COURTHOUSE RENOVATION - PHASE 1

18440 Drawn By: SL/KH
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FIRST FLOOR INTERIOR FINISH PLAN & FINISH SCHEDULE

Tallahassee Florida

ID1.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

1 FIRST FLOOR PLAN - FINISH PLAN - PHASE 1

ID1.1 1/4" = 1'-0"

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MECHANICAL LEGEND

EXISTING DUCTWORK/EQUIPMENT TO REMAIN

EXISTING DUCTWORK/EQUIPMENT TO BE REMOVED

NEW RETURN DUCTWORK (WITH 2" EXTERNAL INSULATION)

NEW SUPPLY DUCTWORK (WITH 2" EXTERNAL INSULATION)

NEW SUPPLY CEILING DIFFUSER:
24" = FACE SIZE, "08" = NECK DIAMETER
4-WAY THROW OR AS SHOWN ON PLANS

NEW THERMALLY POWERED VAV DIFFUSER:
24" = FACE SIZE, "08" = NECK DIAMETER
4-WAY THROW OR AS SHOWN ON PLANS

NEW CEILING RETURN GRILLE (RG) OR NEW EXHAUST GRILLE (EG):
24" = FACE SIZE, "08" = NECK DIAMETER
PROVIDE ADAPTOR/ BLANK OFF PLATE FOR 12"X12" FACE GRILLES

ROUND DUCT SYMBOL

FIRE DAMPER & ACCESS PANEL

WALL-MOUNTED THERMOSTAT (UNIT NUMBER INDICATED)

CONNECT TO EXISTING

SPIN-IN WITH DAMPER

VOLUME-BALANCING DAMPER

MOTORIZED DAMPER

MECHANICAL ABBREVIATIONS

A	AMPS; AREA	KW	KILOWATTS
AAV	AUTOMATIC AIR VENT	KWH	KILOWATT HOUR
ABV	ABOVE	LAT	LEAVING AIR TEMPERATURE
ACU	AIR CONDITIONING UNIT	LBS	POUNDS
AFF	ABOVE FINISHED FLOOR	LVG	LEAVING
AHU	AIR HANDLING UNIT	MA	MIXED AIR
AP	ACCESS PANEL	MAX	MAXIMUM
BD	BALANCING DAMPER	MBH	THOUSANDS OF BTU'S
BTU	BRITISH THERMAL UNITS	MCA	MIN CIRCUIT AMPACITY
BTUH	BTU PER HOUR	MD	MOTORIZED DAMPER
C	CONDENSATE	MIN	MINUTE; MINIMUM
CD	CEILING DIFFUSER	NIC	NOT IN CONTRACT
CFH	CUBIC FEET PER HOUR	NC	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	NO	NORMALLY OPEN
CFT	CUBIC FEET (FT³)	NTS	NOT TO SCALE
CH	(AIR-COOLED) CHILLER	OA	OUTDOOR AIR
CLG	FINISHED CEILING	OAL	OUTDOOR AIR LOUVER
CU	CONDENSER UNIT	OC	ON CENTER
DB	DRY BULB	OD	OUTSIDE DIAMETER
DEFL	DEFLECTION	PH	PHASE
DG	DOOR GRILLE	PSI	POUNDS PER SQUARE INCH
DIA	DIAMETER	PSIA	PSI ABSOLUTE
EA	EACH	R	RADIUS
EAT	ENTERING AIR TEMPERATURE	RA	RETURN AIR
EER	ENERGY EFFICIENCY RATIO	RG	RETURN GRILLE
EF	EXHAUST FAN	RH	RELATIVE HUMIDITY
EG	EXHAUST GRILLE	RPM	REVOLUTIONS PER MINUTE
ENT	ENTERING	RTU	ROOFTOP UNIT
ESP	EXTERNAL STATIC PRESSURE	SA	SUPPLY AIR
EXH	EXHAUST	SP	STATIC PRESSURE
EXIST.	EXISTING	SQ. FT.	SQUARE FEET (FT²)
F	DEGREES FAHRENHEIT	STL	STEEL
FCU	FAN COIL UNIT	TEMP	TEMPERATURE
FD	FLOOR DRAIN	TF	THERMA-FUSER
FPM	FEET PER MINUTE	TG	TRANSFER GRILLE
FT.	FEET	TSP	TOTAL STATIC PRESSURE
GPM	GALLONS PER MINUTE	TYP	TYPICAL
H ₂ O	WATER	V	VOLTS
HD	HEAD	VAR.	VARIABLE
HP	HORSEPOWER; HEAT PUMP	VAV	VAR. AIR VOLUME
HR	HOUR	VFD	VAR. FREQUENCY DRIVE
ID	INSIDE DIAMETER	VRF	VAR. REFRIGERANT FLOW
IN.	INCHES	WB	WET BULB
IN. WG	INCHES OF WATER, GAUGE	WSHP	WATER-SOURCE HEAT PUMP

V.A.V. TERMINAL UNIT SCHEDULE

UNIT TAG	MAX AIR (CFM)	MIN AIR (CFM)	HTG AIR (CFM)	MODEL NUMBER	MINIMUM STATIC AT INLET	ELECTRIC REHEAT COIL					MCA	MOCp	NOTES
						EAT (°F)	LAT (°F)	NOMINAL INPUT (KW)	HEATING CAPACITY (BTU/H)	ELEC-CHAR (V-Ø)			
VAV-A	650	180	300	SDV-8	0.6	55	85	2.9	9,800	208-3	10.0	15	①②③④
VAV-B	195	60	105	SDV-6	0.6	55	85	1.0	3,400	208-3	3.5	15	①②③④
VAV-C	400	120	200	SDV-8	0.6	55	85	1.9	6,500	208-3	6.6	15	①②③④

NOTES:

- REHEAT COIL CAPACITY AND TEMPERATURES ARE LISTED AT HEATING AIRFLOW WITH FLOOR PLANS.
- PROVIDE SINGLE-POINT FACTORY ELECTRICAL DISCONNECT FOR ELECTRIC REHEAT COIL AND ALL CONTROLS POWER.
- PROVIDE NEW VAV CONTROLLER (BACNET COMPATIBLE) WALL-MOUNTED COMBINATION TEMPERATURE/HUMIDITY SENSOR WITH DIGITAL READOUT DISPLAY AND TOUCHSCREEN. DAMPER POSITION, ZONE TEMPERATURE, AND SPACE HUMIDITY SHALL BE REPORTED AS INPUTS TO EXISTING AHU UNIT CONTROLLER VIA BACNET MSTP.

AIR DISTRIBUTION NOTES

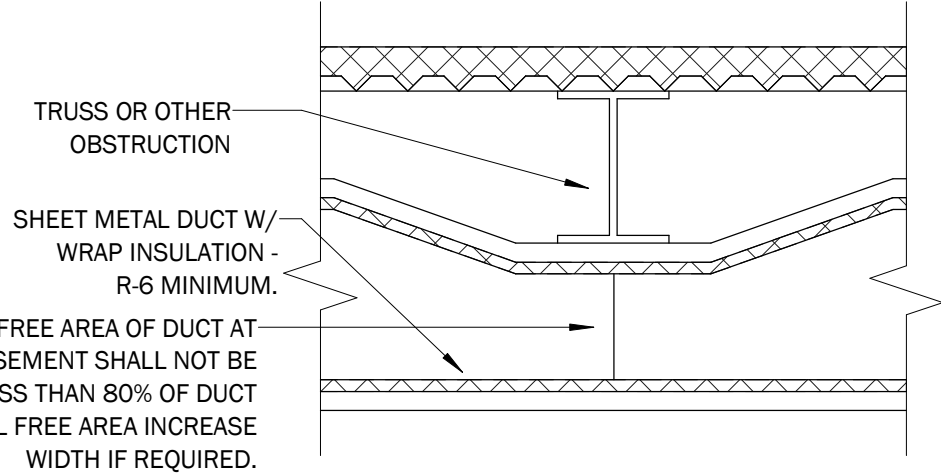
- DUCT SIZES ARE CLEAR INSIDE SHEET METAL SIZES. DUCT SIZES AND LOCATIONS ARE APPROXIMATE. AFTER THE START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD-VERIFY ROUTING WITH FIELD CONDITIONS AND OTHER TRADES. ADDITIONALLY, THE CONTRACTOR SHALL RELOCATE AND RESIZE DUCT AS REQUIRED TO FIT BELOW THE TRUSSES, MAINTAINING THE SAME DUCT FREE AREA. PRIOR TO FABRICATING DUCTWORK THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE REVISED LAYOUT.
- VERIFY COLLAR SIZES ON ALL AIR TERMINALS, EQUIPMENT INLETS AND OUTLETS. TRANSITION DUCTWORK AS NECESSARY. EXTERNALLY INSULATE TRANSITIONS AT EQUIPMENT CONNECTIONS.
- SEE ARCHITECTURAL CEILING PLANS FOR EXACT LOCATION OF ALL CEILING OUTLETS.
- CONTRACTOR SHALL VERIFY CLEARANCE SPACE AVAILABLE, OFFSETS REQUIRED, STRUCTURAL OPENINGS, AND WORK BY OTHER TRADES PRIOR TO FABRICATION OF DUCTWORK. SUBMIT SHOP DRAWINGS ON DUCTWORK LAYOUT. PRESSURE TEST ALL DUCTWORK FOR LEAKS. SEE SPECIFICATIONS. RETURN AND EXHAUST DUCT SHALL BE TESTED UNDER NEGATIVE PRESSURE.
- PROVIDE DUCT FLEX CONNECTIONS FOR AIR HANDLING UNITS. EXTERNALLY INSULATE FLEXIBLE CONNECTIONS.
- PROVIDE CLEAN FILTERS PRIOR TO TEST AND BALANCE WORK. PROVIDE NEW FILTERS AS REQUIRED PRIOR TO FINAL ACCEPTANCE BY OWNER. PROVIDE OWNER WITH ONE COMPLETE SET FILTERS FOR EACH A/C UNIT INSTALLED, FOR OWNERS USE AT SUBSTANTIAL COMPLETION.
- PROVIDE 2" EXTERNAL INSULATION (MINIMUM R-6) FOR ALL SUPPLY, RETURN, AND OUTSIDE AIR DUCTWORK. EXHAUST DUCTWORK SHALL BE UNINSULATED.

MECHANICAL GENERAL NOTES

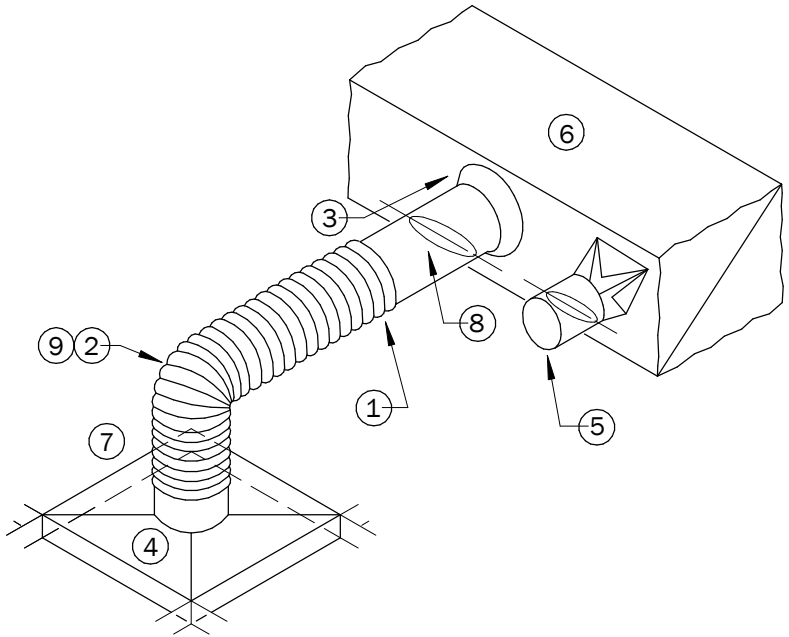
- IT IS THE RESPONSIBILITY OF MECHANICAL CONTRACTOR TO COORDINATE WITH ALL TRADES' WORK INDICATED IN ENTIRE CONSTRUCTION DOCUMENTS. DETAILS ON ALL SHEETS REFLECT CROSS DISCIPLINE ITEMS REQUIRING PRICING AND COORDINATION.
- CONTRACTOR SHALL PROVIDE PHENOLIC LABELS ON ALL NEW HVAC UNITS, TERMINAL UNITS, MAIN CONTROL DAMPERS AND THERMOSTATS INDICATING NAME, FUNCTION, ETC. CONTRACTOR SHALL PROVIDE STENCILS OR LAMINATED LABELS ON ALL NEW PIPING/DUCTWORK INDICATING SERVICE.

EQUIPMENT NOTES

- PROVIDE FULL-SIZE PVC CONDENSATE DRAINS FROM ALL UNITS TO DISPOSAL POINT INDICATED ON THE DRAWINGS.
- PROVIDE A "P" TRAP ON ALL CONDENSATE DRAIN OUTLETS. SLOPE ALL CONDENSATE DRAIN PIPING 1/4" INCH PER FOOT. CONDENSATE DRAINS SHALL BE ROUTED OUTSIDE SERVICE CLEARANCE AREAS OF UNITS. PROVIDE CLEANOUT PLUG AT TRAP PER DETAIL THIS SHEET.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PIPING AND DUCTWORK SUCH THAT MANUFACTURER'S RECOMMENDED CLEARANCES ARE MET FOR ALL ACCESS PANELS, MOTORS, FANS, BELTS, FILTERS, AIR INTAKES, ETC.
- CEILING-HUNG AHUs/FANS SHALL BE INSTALLED ON VIBRATION HANGERS.
- FLOOR-MOUNTED AHUs/FANS SHALL BE INSTALLED ON BASE RAILS AS INDICATED. PROVIDE NEOPRENE PADS BETWEEN RAIL AND CONCRETE.
- PROVIDE ACCESS PANELS IN ALL NON-ACCESSIBLE CONSTRUCTIONS (INCLUDING CEILING, WALLS, ETC) SIZED AND LOCATED AS REQUIRED TO PROVIDE PROPER SERVICE ACCESS IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION FOR ALL HVAC EQUIPMENT INCLUDING DAMPERS AND VALVES.



① DUCT EASEMENT DETAIL
NOT TO SCALE



- ① RIGID SHEET METAL BRANCH DUCT ABOVE FINISHED CEILING (MAY BE SHOWN SINGLE LINE ON PLANS.)

② FLEX DUCT SIZE TO MATCH DIFFUSER/GRILLE NECK SIZE (LAY-IN CEILINGS ONLY). PROVIDE RIGID ELBOW FOR HARD CEILING.

③ FOR SA DUCT, USE A CONICAL TEE WITH VOLUME DAMPER. USE A STRAIGHT TEE WITH VOLUME DAMPER FOR RETURN OR EXHAUST DUCT.

④ DIFFUSER/GRILLE/REGISTER: SHALL BE FACTORY-INSULATED AT BACK OF DEVICE.
- ⑤ IF A CONICAL SPIN-IN WILL NOT FIT, USE SMACNA 45 DEGREE RECTANGULAR-TO-ROUND TRANSITION.

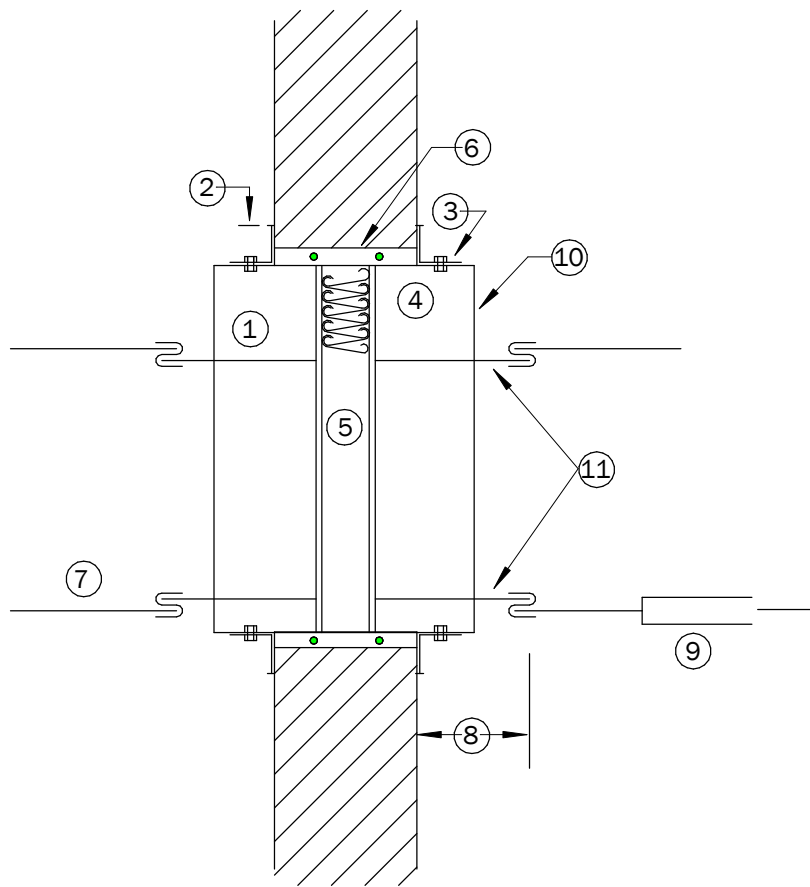
⑥ SHEET METAL-MAIN DUCT WITH EXTERNAL INSULATION.

⑦ FINISHED CEILING

⑧ MANUAL-BALANCING DAMPER: PROVIDE AT EVERY BRANCH RUNOUT

⑨ 6'-0" MAXIMUM LENGTH OF FLEXIBLE DUCTWORK: PROVIDE FULL RADIUS ELBOWS. SUPPORT WITH 1" METAL STRAPS. FABRIC STRAPS ARE NOT ACCEPTABLE.

② DUCT RUNOUT TO DIFFUSER/GRILLE DETAIL
NOT TO SCALE



- ① 1/4" MINIMUM CLEARANCE BETWEEN SLEEVE AND WALL WITH SEALANT

② 1" MINIMUM OVERLAP (4 SIDES)

③ 1-1/2" x 1-1/2" x 10 GAUGE ANGLES MINIMUM WITH NO.10 GALVANIZED SCREWS @ 12" OC (MIN. 2 PER SIDE) DO NOT ATTACH TO WALL

④ DAMPER BLADE OUT OF AIR STREAM

⑤ UL-555, 1-1/2 HOUR FIRE DAMPER

⑥ WALL OPENING

⑦ DUCT

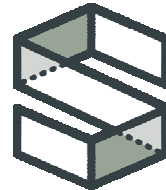
⑧ 6" MAXIMUM

⑨ ACCESS PANEL - MAXIMUM DISTANCE OF 6" FROM FIRE DAMPER

⑩ FACTORY SLEEVE

⑪ FACTORY FIRE DAMPER DUCT CONNECTION FRAME OPENING

③ WALL FIRE DAMPER INSTALLATION DETAIL
NOT TO SCALE



CAMPBELL SPELLICY
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CONSTRUCTION DOCUMENTS

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Levy Co. Courthouse
Renovations - Phase 1

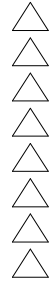
18440 Drawn By: CTW
Project Code Checked By: KMS

08/22/2025

Date

CONSTRUCTION
DOCUMENTS

Revisions



MECHANICAL
LEGEND,
ABBREVIATIONS,
NOTES, DETAILS, &
SCHEDULES

Tallahassee Florida

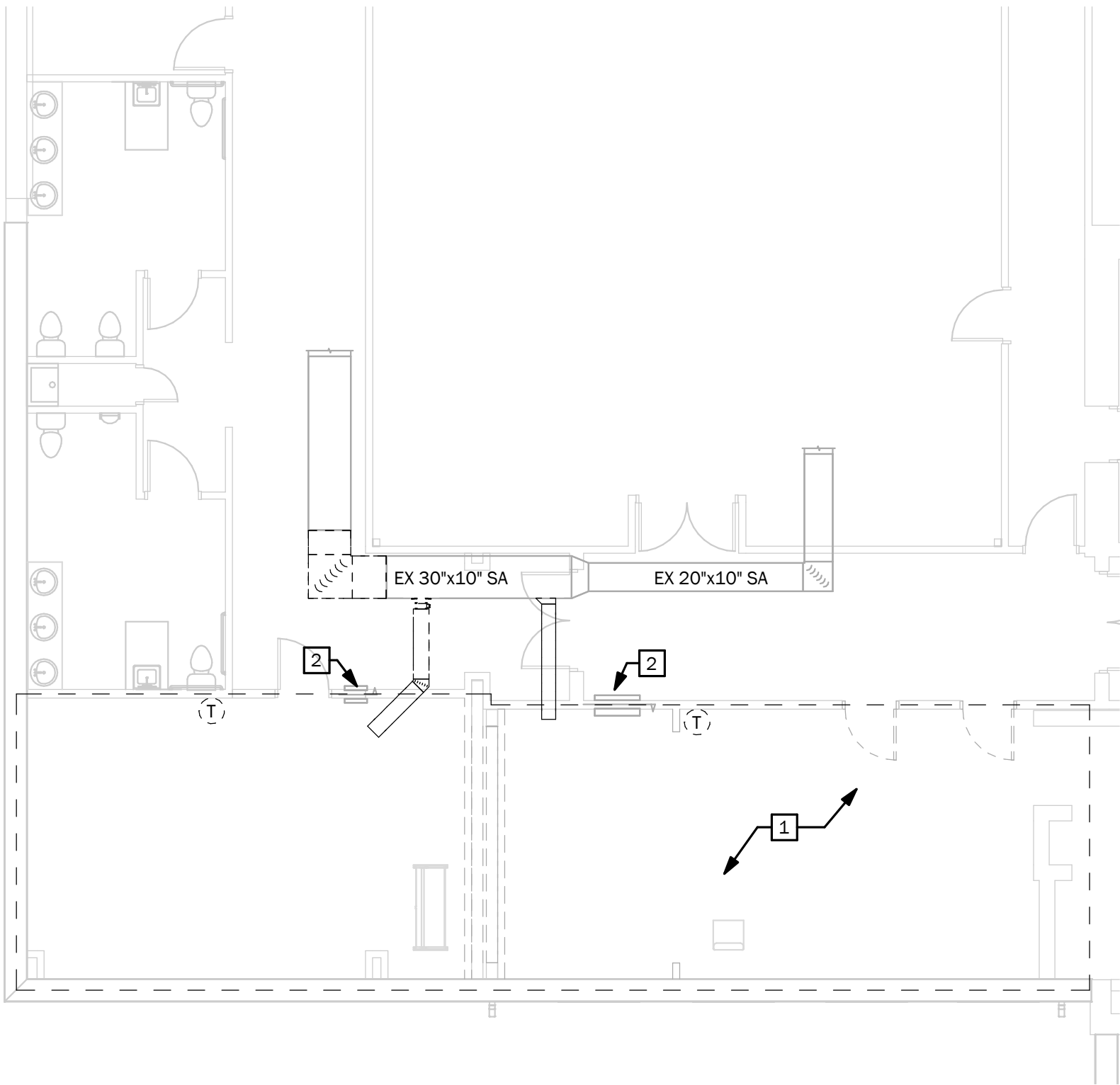
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DEMOLITION NOTES

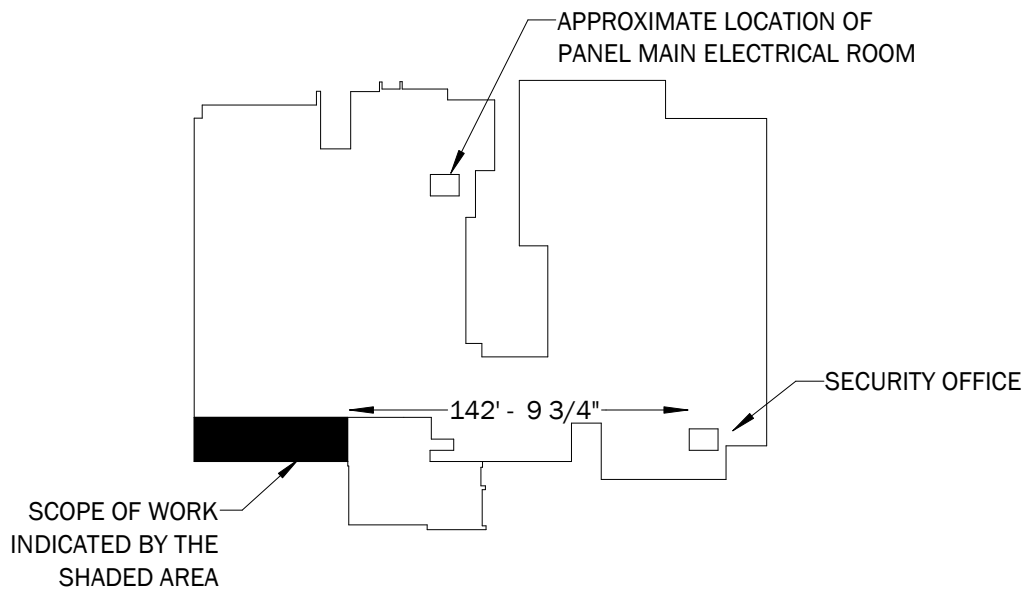
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ALL DIFFUSERS/GRILLES AND ASSOCIATED DUCTWORK, TERMINAL UNITS, AND THERMOSTATS SERVING DASHED REGION TO BE REMOVED. UNLESS OTHERWISE NOTED, SUPPLY DUCT TO BE REMOVED BACK TO MAIN SUPPLY IN HALLWAY AS SHOWN.
- 2

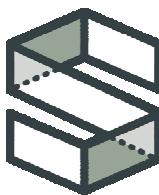
EXISTING WALL PENETRATION WITH FIRE DAMPER ABOVE CEILING TO REMAIN FOR REUSE FOR RETURN AIR FLOW.



MECHANICAL FLOOR PLAN - 1ST FLOOR DEMOLITION
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: 1" = 80'-0"



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MECHANICAL
FLOOR PLAN - 1ST
FLOOR DEMOLITION

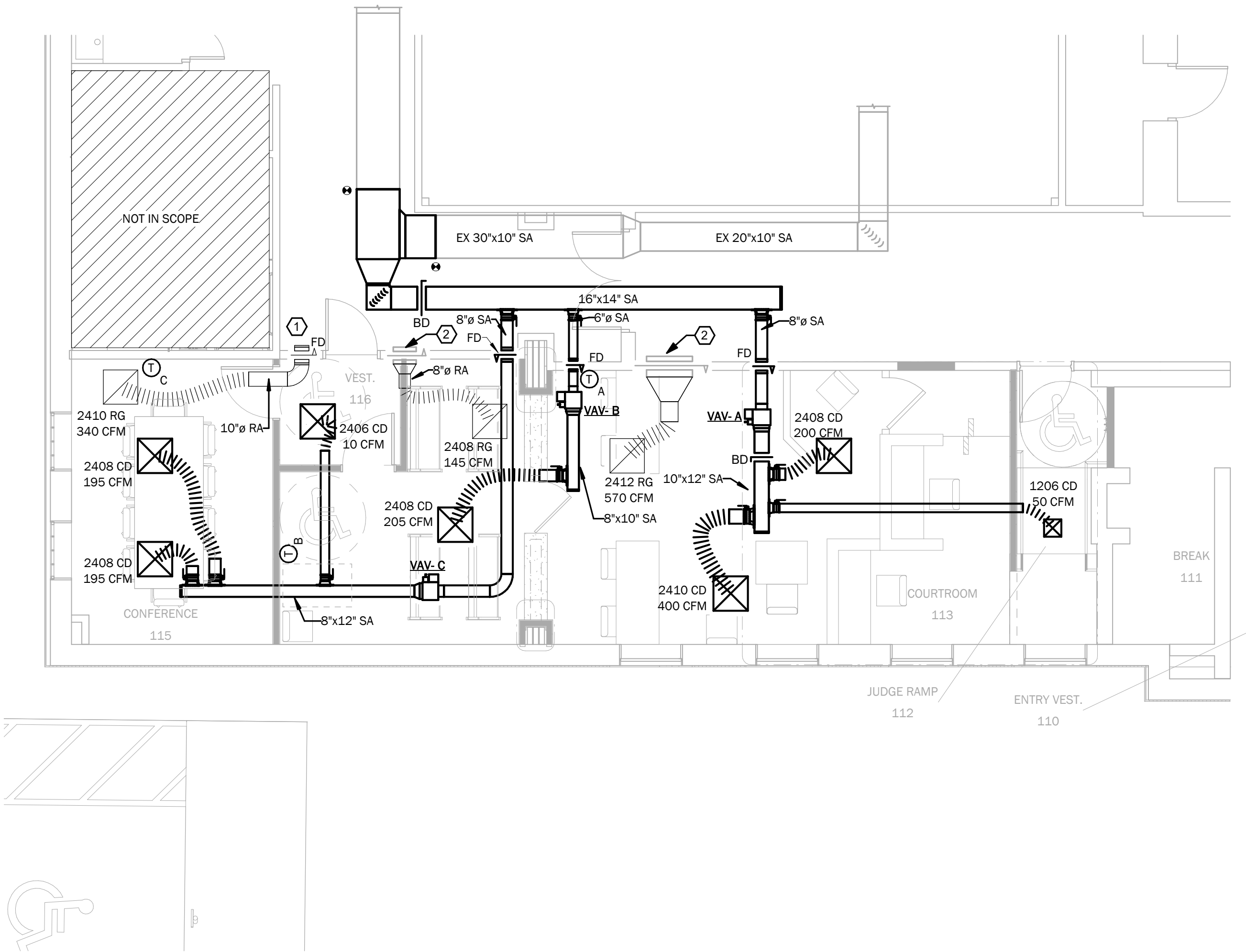
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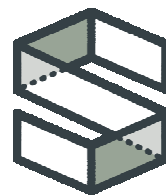
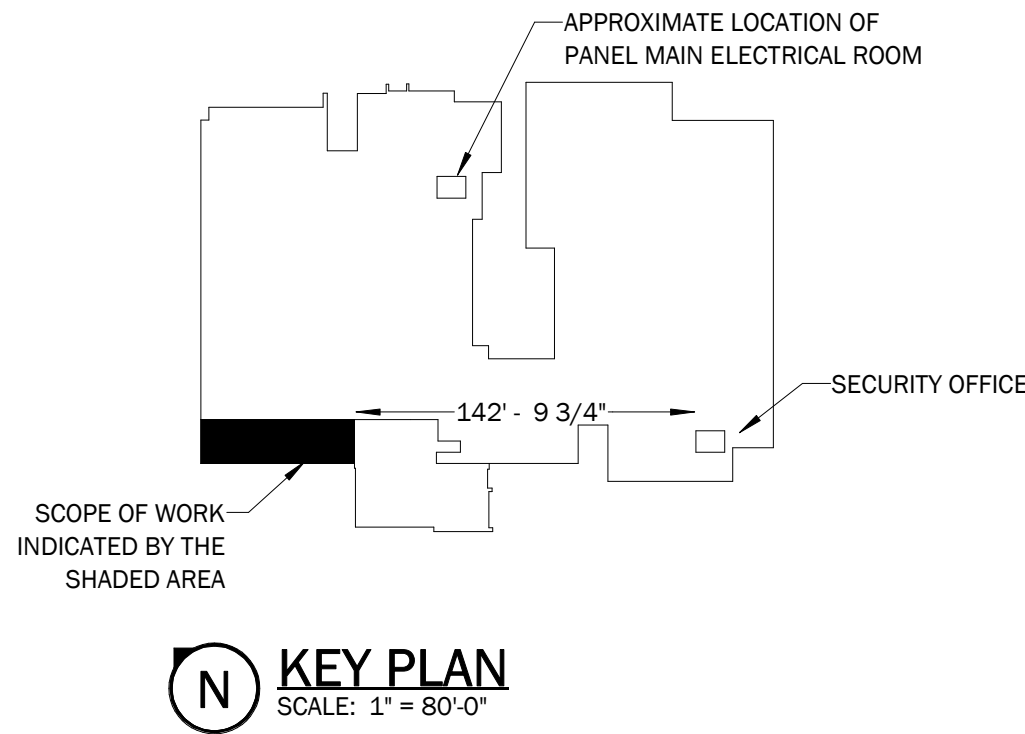
2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

SHEET NOTES

- 1
- NEW WALL PENETRATION ABOVE CEILING WITH FIRE DAMPER. DUCT TO BE OPEN TO ABOVE CEILING RETURN PLENUM.
- 2
- EXISTING WALL PENETRATION ABOVE CEILING WITH FIRE DAMPER TO REMAIN. EXTEND NEW DUCTWORK TO MATCH EXISTING DIMENSION OF WALL PENETRATION.



MECHANICAL FLOOR PLAN - 1ST FLOOR NEW WORK
SCALE: 3/16" = 1'-0"



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DOCUMENTS

Revisions

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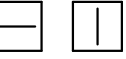
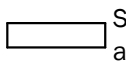
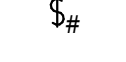
MECHANICAL
FLOOR PLAN - 1ST
FLOOR NEW WORK

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M201

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ELECTRICAL LEGEND:

ELECTRICAL CONNECTIONS:	
 EQUIPMENT / HARD WIRE CONNECTION: VERIFY LOCATION PRIOR TO ROUGH-IN AND PROVIDE ADDITIONAL DISCONNECT SWITCH AS REQUIRED. SUBSCRIPTS INDICATES AS FOLLOW: BP1 - BASE POWER IN FF - FURNITURE FEED	 LIGHTING:
 JUNCTION BOX	 LIGHTING FIXTURES
 SIMPLEX RCPT	 LIGHTED EXIT SIGN: SHADED QUADRANTS DENOTE LIGHTED FACE, ARROWS DENOTE DIRECTION TO EXIT
 DUPLEX RCPT: MOUNT AT 18" AFF UNO. SUBSCRIPTS INDICATE AS FOLLOW: GR - PROVIDE GROUND FAULT INTERRUPTER DEVICES USB - PROVIDE DEVICE W/ UNIVERSAL SERIAL BUS TR - PROVIDE TAMPER-RESISTANT DEVICES TV - MOUNT AT 60" AFF UNO. COORDINATE ELEVATION WITH OWNER / ARCH PRIOR TO ROUGH-IN WP - PROVIDE WEATHER PROOF ENCLOSURE (SEE SPECS) ##* - PROVIDE RCPT AT ELEVATION AS INDICATED BY SUBSCRIPT. COORDINATE ELEVATIONS W/ OWNER/ARCH PRIOR TO ROUGH-IN	 SHADED LIGHTING FIXTURES INDICATE FIXTURE SHALL BE SUPPLIED W/ BACKUP POWER. SEE LIGHTING FIXTURE SCHEDULE FOR BACKUP POWER TYPE
 ABOVE COUNTERTOP DUPLEX RCPT: MOUNT AT 42" AFF OR 8" ABOVE COUNTERTOP TO CLEAR BACKSPASH. COORDINATE W/ OWNER/ARCH PRIOR TO ROUGH-IN	 WHERE 2' x 2' FIXTURES SHOW DIRECTION OF DIFFUSER, AS DEPICTED WITH A CENTER LINE, THEIR INSTALLATION SHALL BE PARALLEL IN SAME VISUAL AREA IN THE DIRECTION SHOWN.
 SPECIAL NEMA RCPT: TYPE AS INDICATED BY SUBSCRIPT. COORDINATE NEMA TYPE REQUIRED W/ OWNER PROVIDED EQUIPMENT PRIOR TO PURCHASE/ROUGH-IN. CONDUCTORS SHALL BE SIZED FOR AMPERAGE OF DEVICED PROVIDED UNO	 UPPER CASE SUBSCRIPT INDICATES FIXTURE TYPE IN ACCORDANCE W/ LIGHTING FIXTURE SCHEDULE. LOWER CASE LETTER INDICATES LIGHTING ZONE FOR LIGHTING CONTROLS (SEE LIGHTING CONTROL PROGRAMMING DETAIL)
 QUAD RCPT : MOUNT AT 18" AFF	 EMERGENCY LIGHTING UNIT
 ABOVE COUNTERTOP QUAD RCPT: MOUNT AT 42" AFF OR 8" ABOVE COUNTERTOP (TO CLEAR BACK SPLASH). COORDINATE W/ OWNER/ARCH PRIOR TO ROUGH-IN	 LIGHTING CONTROL DEVICE: MOUNT AT 47 1/2" AFF UNO. SUBSCRIPT INDICATES AS FOLLOW: # - SEE LIGHTING CONTROL PROGRAMMING DETAIL ON SHEET WITH THE ELECTRICAL DETAILS LV - PROVIDE LINE VOLTAGE SINGLE POLE TOGGLE SWITCH LV3 - PROVIDE LINE VOLTAGE THREE-WAY TOGGLE SWITCH LV4 - PROVIDE LINE VOLTAGE FOUR-WAY TOGGLE SWITCH D - ANY LINE VOLTAGE SWITCHES FOLLOW BY SUBSCRIPT 'D' INDICATES TO PROVIDE DIMMABLE SWITCH WP - PROVIDE WEATHER PROOF ENCLOSURE (SEE SPECS)
 FLOOR MOUNTED WIRING DEVICE: PROVIDE WIRING DEVICE AS INDICATED INSIDE THE SQUARE THROUGHOUT FLOOR PLANS	 LOW-VOLTAGE, CEILING-MOUNTED OCCUPANCY SENSOR WITH BOTH PASSIVE INFRARED (PIR) DETECTION & ULTRASONIC SOUND DETECTION (MICROPHONICS): IF LOCATED IN SPACES WITH LINE VOLTAGE LIGHT SWITCHES, LINE VOLTAGE LIGHT SWITCH SHALL BE ON THE LOAD SIDE OF THE OCCUPANCY SENSORS; ALL LIGHTING SHALL BE SHUT OFF IN THE EVENT OF OCCUPANCY NOT BEING DETECTED.
 MILLWORK OR SURFACE-MOUNT WIRING DEVICE: PROVIDE WIRING DEVICE AS INDICATED INSIDE THE HEXAGON THROUGHOUT FLOOR PLANS	 PHOTOCELL
	 LOW-VOLTAGE, CEILING-MOUNTED DAYLIGHT PHOTOSENSOR

DATA & COMMUNICATIONS:

-  WORK AREA OUTLET / DATA DROP ROUGH-IN - MOUNT AT 18" AFF UNO. SUBSCRIPT INDICATES AS FOLLOW:
WAP: MOUNT ON CEILING
CAM: PROVIDE RACEWAY CAMERA. COORDINATE FINAL LOCATION W/ OWNER PRIOR TO ROUGH-IN.
DB: INDICATES TO PROVIDE CAT-6 CABLING TO EACH DATA DROP LOCATION. QUANTITY SHALL BE PROVIDED AS NOTED BY THE "#". FOR ALL UNLABELED DEVICES PROVIDE TWO (2) CAT-6 CABLES STANDARD.

-  CABLE TRAY: PROVIDE 4" DEEP AND 12" WIDE TRAY INCLUDING FITTINGS AS SHOWN ON DRAWINGS.

-  CABLE TRAY FITTINGS

ACCESS CONTROLS:

-  CARD READER MOUNT AS INDICATED ON ACCESS CONTROLS DETAIL
-  PUSH BUTTON MOUNT AS INDICATED ON ACCESS CONTROLS DETAIL
-  KEY PAD MOUNT AS INDICATED ON ACCESS CONTROLS DETAIL
-  DOOR INTERLOCK MOUNT AS INDICATED ON ACCESS CONTROLS DETAIL
-  DOOR TAG SEE APPROPRIATE ACCESS CONTROL DETAIL FOR DOOR TAG SHOWN ON FLOOR PLAN

ELECTRICAL DISTRIBUTION:

-  BRANCH CIRCUIT PANELBOARD: NAME, RATING, & DETAILS INDICATED BY SCHEDULE/SINGLE LINE DIAGRAM/KEY NOTES
-  TRANSFORMER: PHASING, RATING, VOLTAGE, & DETAILS INDICATED BY SINGLE LINE DIAGRAM/KEY NOTES/DETAILS
-  SYSTEM GROUND (AS PER NEC)
-  ENCLOSED CIRCUIT BREAKER: "200A/3PH" INDICATES AMPERAGE & PHASING.
-  METER
-  FUSE: "200A/3PH" INDICATES AMPERAGE & PHASING
-  HOMERUN TO PANELBOARD: "L1" INDICATES THE PANELBOARD NUMBER. "L1.3" INDICATES THE BRANCH CIRCUIT NUMBERS. HATCH MARKS DENOTE NUMBER OF CONDUCTORS EXCLUDING GROUND CONDUCTOR. NO HATCH MARKS DENOTES TWO #12 CONDUCTORS & ONE #12 GROUNDING CONDUCTOR. "NN" DENOTES NO NEUTRAL CONDUCTOR
-  DISCONNECT SWITCH: SEE EQUIPMENT SCHEDULE FOR SWITCH TYPE.
-  TOGGLE SWITCH: COORDINATE WITH EQUIPMENT SCHEDULE FOR SWITCH TYPE.

ABBREVIATIONS:

1PH SINGLE-PHASE	FACP FA CONTROL PANEL	OFCI OWNER FURNISHED CONTRACTOR INSTALLED
1P SINGLE POLE	FC FOOTCANDLE	OS OCCUPANCY SENSOR
3PH THREE-PHASE	FCU FAN COIL UNIT	P POLE
4W FOUR-WIRE	FLA FULL LOAD AMPS	PB PULLBOX, PUSH BUTTON
A/E ARCHITECT/ENGINEER	FLR FLOOR	PC PHOTOELECTRIC CELL
A AMPS	FP FIRE PROTECTION	PED PEDESTAL
AAP ALARM ANNUNCIATOR PANEL	FSS FUSED SAFETY SWITCH	PEN PENDANT
AC ALTERNATING CURRENT	FT FEET OR FOOT	PF POWER FACTOR
ADJ ADJACENT	FVR FULL VOLTAGE REVERSING	PH PHASE
AF AMP FRAME	FVNR FULL VOLTAGE NON-REVERSING	PNL PANELBOARD/PANEL
AFC ABOVE FINISHED COUNTER, AVAILABLE FAULT CURRENT	FIXT FIXTURE	PN PRIMARY
AFCI INTERRUPTER	GEN ELECTRICAL GROUND GENERATOR	POE POWER OVER ETHERNET
AFF ABOVE FINISHED FLOOR	GFCI GROUND FAULT CIRCUIT INTERRUPTER	POT POTENTIAL TRANSFORMER
AFG ABOVE FINISHED GRADE	GFI GROUND FAULT INTERRUPTER	PVC POLYVINYL CHLORIDE
AHJ AUTHORITY HAVING JURISDICTION	GRD EARTH GROUND	PWR POWER
AIC AMP INTERRUPTING CAPACITY	HOA HAND-OFF-AUTOMATIC	R RADIUS
AICS AMPS INTERRUPTING CAPACITY SYMMETRICAL	HP HORSEPOWER	RC ROOM CONTROLLER
ALT ALTERNATE	HR HOUR	RCP REFLECTED CEILING PLAN
ARCH ARCHITECT	HT HEIGHT	RCPT RECEPTACLE
AT AMP TRIP	HZ HERTZ	RE EXISTING TO BE RELOCATED
ATS AUTOMATIC TRANSFER SWITCH	IMC INTERMEDIATE METAL CONDUIT	REC RECESSED
AV AUDIO VISUAL	IN INCHES	REQ REQUIRED
BFF BELOW FINISHED FLOOR	IR INFRARED	RGS RIGID GALVANIZED STEEL
BKR BREAKER	IWH INSTANTANEOUS WATER HEATER	ROOM ROOM
BLDG BUILDING	JB JUNCTION BOX	RNC RIGID NON-METALLIC CONDUIT
BPI BASE POWER IN (FOR MODULAR FURNITURE)	KV KILOVOLT	RTU ROOF TOP UNIT
BYP BY PASS	KVA KILO-VOLT AMPS	RV EXISTING TO BE REMOVED
C CONDUIT	KW KILOWATTS	RVSS REDUCED VOLTAGE SOFT STARTER
CB CIRCUIT BREAKER	KWH KILOWATT HOUR	SS SAFETY SWITCH, STAINLESS STEEL
CAB CABINET	LED LIGHT EMITTING DIODE	SCOR SHORT CIRCUIT CURRENT RATING
CAT CATALOG	LF LINEAR FEET (FOOT)	SD SMOKE DETECTOR
cd CANDELA	LFCM LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT	SEC SECONDARY
CD CONSTRUCTION DOCUMENTS	LP LIGHT POLE	SFT SHEET
CF CONTRACTOR FURNISHED	LT LIGHT	SLC SIGNALING LINE CIRCUIT
CFOI CONTRACTOR FURNISHED/OWNER INSTALLED	LTG LIGHTING	SPD SURGE PROTECTIVE DEVICE
CKT CIRCUIT	LTNG LIGHTNING	SPEC SPECIFICATIONS
CLF CURRENT LIMITING FUSE	LVG LEAVING	SPST SINGLE POLE, SINGLE THROW
CLG FINISHED CEILING	MBJ MAIN BONDING JUMPER	SQ FT SQUARE FEET
COAX COAX CABLE	MC METAL-CLAD	SURF SURFACE
COMM COMMUNICATION	MCA MIN CIRCUIT AMPACITY	SW SWITCH
CONT CONTINUE	MD MOTORIZED DAMPER	SWBD SWITCHBOARD
COORD COORDINATE	MCB MAIN CIRCUIT BREAKER	SWGR SWITCHGEAR
CRI COLOR RENDERING INDEX	MCC MOTOR CONTROL CENTER	TCC TIME CURRENT CURVE
CT CURRENT TRANSFORMER	MECH MECHANICAL	TEL TELEPHONE
CU COPPER	MH MANHOLE	TEMP TEMPERATURE
dB DECIBEL	MIN MINIMUM	TGB TELECOMMUNICATION GROUNDING BUS BAR
DC DIRECT CURRENT	MLO MAIN LUGS ONLY	TR TELECOM ROOM
DEMO DEMOLITION	MOCP MAXIMUM OVERCURRENT PROTECTION	TS TOGGLE SWITCH
DISC DISCONNECT	MT MOUNT	TV TELEVISION
DPDT DOUBLE POLE, DOUBLE THROW	MTD MOUNTED	TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR
DPST DOUBLE POLE, SINGLE THROW	MTS MANUAL TRANSFER SWITCH	TYP TYPICAL
DS DISCONNECT SWITCH	MV MEDIUM VOLTAGE	UG UNDERGROUND
DWG DRAWING	MAX MAXIMUM	UL UNDERWRITERS LABORATORIES
EA EACH	N1 NEMA 1	UNO UNLESS NOTED OTHERWISE
EER ENERGY EFFICIENCY RATIO	N3R NEMA 3R	UTIL UTILITY
EF EXHAUST FAN	N4X NEMA 4X STAINLESS STEEL	UPS UNINTERRUPTIBLE POWER SUPPLY
ELEC ELECTRIC/ELECTRICAL	NEU NEUTRAL	V VOLTS
ELEV ELEVATOR	NA NOT APPLICABLE	VA VOLTS-AMPERES
EM EMERGENCY	NAC NOTIFICATION APPLIANCE CIRCUIT	VAR VARIABLE
EMGB ELEC MAIN GROUNDING BUS BAR	NC NORMALLY CLOSED	VFD VARIABLE FREQUENCY DRIVE
EMT ELEC METALLIC TUBING	NEC NATIONAL ELECTRICAL CODE	VOLT VOLTAGE
ENCL ENCLOSURE	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	W WATTS; WIRE
ENT ENTERING	NFPA NATIONAL FIRE PROTECTION ASSOCIATION	W/ WITH
EPO EMERGENCY POWER OFF	NIC NOT IN CONTRACT	W/OOUT WITHOUT
EWC ELEC WATER COOLER	NL NIGHT LIGHT	WAO WORK AREA OUTLET
EWB ELECTRIC WATER HEATER	NO NORMALLY OPEN	WAP WIRELESS ACCESS POINT
EX EXISTING TO REMAIN	NTS NOT TO SCALE	WP WEATHERPROOF
EXH EXHAUST	OC ON CENTER	XFMR TRANSFORMER
EXIST EXISTING	OCPD OVERCURRENT PROTECTION DEVICE	XP EXPLOSION PROOF
F FUSE		
FA F/A FIRE ALARM		
FAAP FA ANNUNCIATOR PANEL		

FIRE ALARM SYSTEM DESIGN CRITERIA (PER FS 61G15.32:

THE FIRE ALARM SYSTEM FOR THIS PROJECT SHALL BE DESIGNED AND PERMITTED BY INSTALLING CONTRACTOR AS A DEFERRED SUBMITTAL PER THE CRITERIA OUTLINED BELOW:

- CONTRACTOR SHALL SEE SHEET E001 FOR COMPLETE FIRE ALARM LEGEND. SEE RISER DIAGRAM AND OTHER DETAILS HEREIN THIS SHEET FOR ALL DEVICE AND CABLING/CONDUIT REQUIREMENTS. CONTRACTOR SHALL REFER TO ARCHITECTURAL LIFE SAFETY PLAN AND CODE SUMMARY FOR LOCATION OF ALL FIRE RATED ASSEMBLIES AND OCCUPANCY CLASSIFICATIONS.
- SEE ELECTRICAL FLOOR PLANS FOR LOCATION OF ALL DEVICES (EXISTING AND/OR NEW) IN THE PROJECT AREA.
- FIRE ALARM STROBE INTENSITY SHALL BE PER LEGEND DESCRIPTION UNLESS NOTED SPECIFICALLY ON FLOOR PLAN.
- ALL INITIATION DEVICE AND NOTIFICATION DEVICE CIRCUITS SHALL BE CLASS B AND ALL SIGNALLING DEVICE CIRCUITS SHALL BE CLASS X, AS DEFINED BY NFPA 72.
- THIS PROJECT PROVIDES NEW/RELOCATED DEVICES SERVED BY AN EXISTING FIRE ALARM CONTROL PANEL. NEW SYSTEM/DEVICES SHALL OPERATE ACCORDING TO THE EXISTING SEQUENCE OF OPERATION INCLUDING ALL EMERGENCY SERVICES NOTIFICATION AND ANNUNCIATION.
- THE EXISTING FIRE ALARM IS A DIGITAL ADDRESSABLE SYSTEM BY MANUFACTURER.
- THE EXISTING SURGE PROTECTION DEVICE AT THE PANEL SUPPLYING THE CONTROL PANEL SHALL REMAIN.
- ALL NEW FIRE ALARM DEVICES/EQUIPMENT LOCATED OUTSIDE OF THE BUILDING ENVELOPE SHALL BE SUITABLE FOR EXTERIOR INSTALLATION WITH WEATHERPROOF CONSTRUCTION. NO OTHER HAZARDS OR ENVIRONMENTAL FACTORS ARE APPLICABLE TO THIS PROJECT.
- SEE SITE PLAN (WHERE APPLICABLE) FOR ALL DEVICES REQUIRED BEYOND THE PROJECT BUILDING.
- THIS PROJECT DOES NOT INCLUDE ANY SMOKE DETECTION IN AREAS WITH WALL, BEAM OR CEILING FEATURE OBSTRUCTIONS OR UNDER PITCHED ROOFS. (SEE DETAILS AND/OR BUILDING SECTION FOR SMOKE DETECTION IN AREAS WITH OBSTRUCTIONS CREATED BY WALLS/BEAMS/CEILING FEATURES/PITCHED ROOF).
- THIS PROJECT DOES NOT INCLUDE ANY SMOKE DETECTION IN AREAS WHERE SMOKE STRATIFICATION IS ANTICIPATED AS A CONCERN.
- THIS PROJECT SHALL COMPLY WITH THE PRESCRIPTIVE-BASED OPTION OF THE FLORIDA FIRE PREVENTION CODE. THE PERFORMANCE-BASED OPTION SHALL NOT BE USED.
- FACP SHALL PROVIDE GENERAL EVACUATION SIGNAL. NO ZONED EVACUATION IS REQUIRED FOR THIS BUILDING.
- THIS PROJECT DOES NOT INCLUDE ANY WIRING FOR UNDERGROUND, WET LOCATIONS, OR CAMPUS STYLE WIRING.
- CONTRACTOR SHALL PROVIDE O&M MANUALS FOR ALL NEW DEVICES/EQUIPMENT FOR OWNER'S RECORD AT SUBSTANTIAL COMPLETION. CLOSEOUT DOCUMENTS SHALL INCLUDE ALL MAINTENANCE PROCEDURES, SYSTEM DOCUMENTATION, AND INSTRUCTIONS FOR OPERATION OF THE EQUIPMENT.

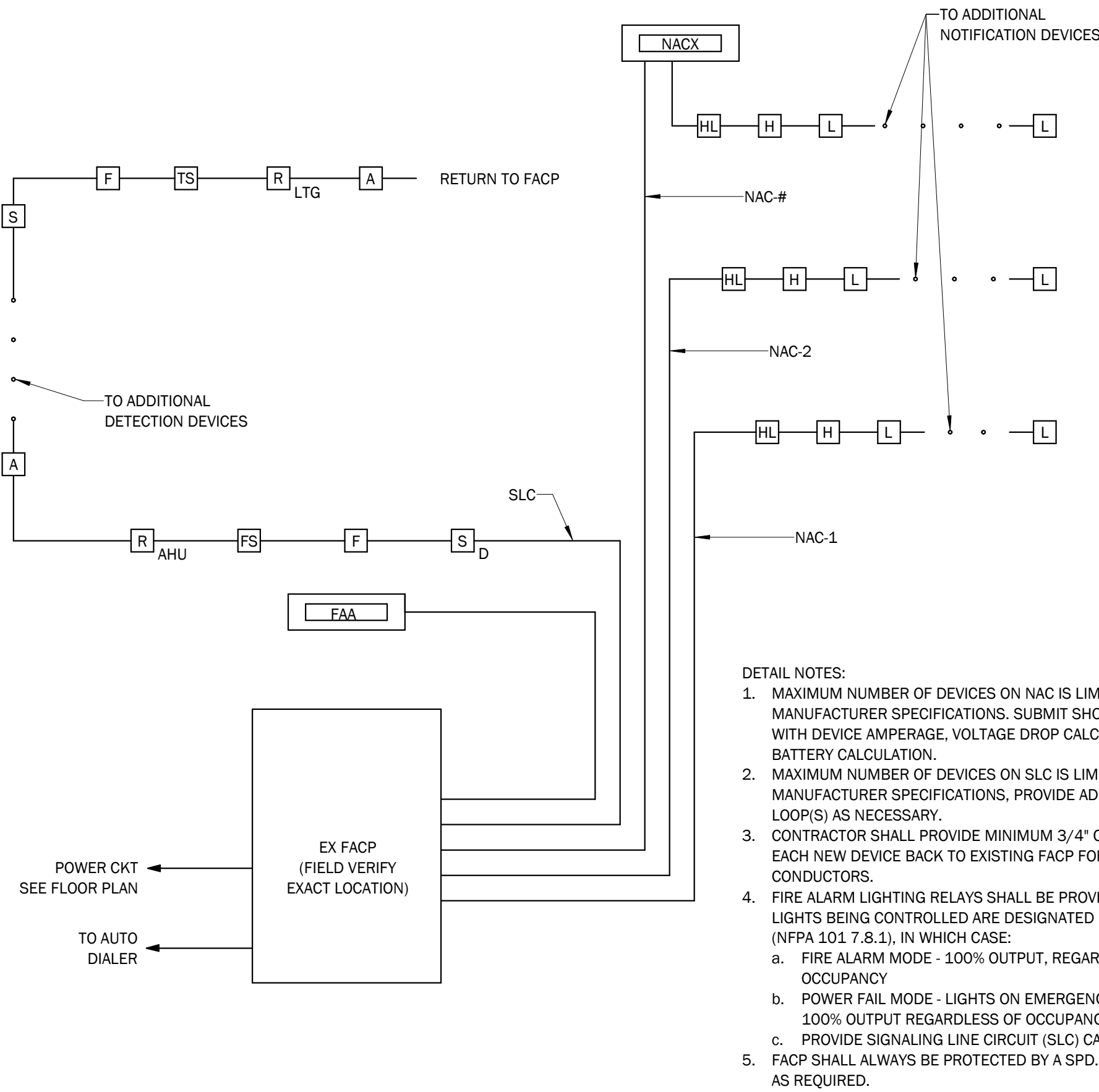
1 FIRE ALARM DESIGN CRITERIA (EXISTING FACP) NOT TO SCALE

DEMOLITION NOTES:

- CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS NECESSARY TO REMOVE ALL ELECTRICAL ITEMS INDICATED AS EXISTING TO BE REMOVED; TO REMOVE, STORE, CLEAN, AND REINSTALL ALL ELECTRICAL ITEMS INDICATED AS EXISTING TO BE RELOCATED; AND TO NOT DISTURB ANY OTHER ELECTRICAL ITEMS EXCEPT AS NECESSARY TO ACCOMMODATE OTHER WORK SPECIFIED. ALL EXISTING DEVICES, STRUCTURES, EQUIPMENT OR OTHER FEATURES SHALL BE CONSIDERED TO BE EXISTING TO REMAIN UNLESS SPECIFICALLY INDICATED OTHERWISE.
- CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS NECESSARY TO PROTECT ANY EXISTING OR NEW SMOKE DETECTORS, IF ANY, DURING DEMOLITION AND CONSTRUCTION TO ENSURE NO PARTICULATE MATTER MAY ENTER THESE DETECTORS.
- CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS NECESSARY AND SHALL SCHEDULE WORK AS NECESSARY TO ENSURE THAT OUTAGES TO THE SERVICE OF FIRE ALARM DEVICES ARE MINIMIZED. ALL OUTAGES TO SUCH FIRE ALARM SYSTEM COMPONENTS, IF ANY, SHALL BE COORDINATED WITH THE OWNER AND CONDUCTED DURING TIMES SPECIFIED BY OWNER; SEE PROJECT MANUAL DIVISION ONE.
- CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS NECESSARY TO MAINTAIN IN SERVICE DURING DEMOLITION AND CONSTRUCTION THOSE EXISTING FIRE ALARM SYSTEM COMPONENTS WHICH ARE OUTSIDE THE RENOVATION AREA EVEN IF THESE COMPONENTS ARE SUPPLIED BY OR SERVED BY MATERIALS TO BE REMOVED. MATERIALS TO BE RELOCATED, OR OTHER MATERIALS WITHIN THE RENOVATION AREA.
- CONTRACTOR SHALL REMOVE ALL UNUSED CONDUCTORS BACK TO SOURCE OR TO THE FIRST JUNCTION POINT SUPPLYING EXISTING OR NEW LOADS TO REMAIN.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO RESUPPLY OR TO MAINTAIN IN SERVICE - TO THE ORIGINAL CONDITION, TO THE SATISFACTION OF THE OWNER AND THE ENGINEER - ANY ELECTRICAL ITEMS OUTSIDE OF THE RENOVATION AREA WHICH ARE SERVED BY OR SUPPLIED BY ELECTRICAL ITEMS WITHIN THE RENOVATION AREA.
- ALL EXPOSED UNUSED CONDUIT SHALL BE REMOVED. ALL UNUSED CONCEALED CONDUIT SHALL BE ABANDONED IN PLACE AFTER INSTALLING A PLUGSTRING.
- DEVICES SHOWN INSIDE THE RENOVATION AREA ARE NOT INTENDED TO REPRESENT ALL DEVICES WITHIN SPACE. ADDITIONAL DEMOLITION WORK MAY BE REQUIRED FOR INSTALLING NEW WORK. CONTRACTOR SHALL ASSUME ADDITIONAL ITEMS NOT INDICATED ARE PRESENT AND SHALL THOROUGHLY INSPECT PROJECT AREA PRIOR TO BIDDING.
- CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS NECESSARY TO REPAIR OR TO REPLACE - TO THE ORIGINAL CONDITION, TO THE SATISFACTION OF THE OWNER AND THE ENGINEER - ANY EXISTING DEVICES, FINISHES, SURFACES, OR EQUIPMENT TO REMAIN WHICH IS DAMAGED DURING DEMOLITION OR CONSTRUCTION WITH NO CHANGE TO THE CONTRACT AMOUNT OR TIME SCHEDULE.
- DEMOLITION SHALL INCLUDE ANY REMOVAL AND REPLACEMENT OF EXISTING MATERIALS TO MAKE PROVISION FOR NEW FINISHES IF REQUIRED TO ACCOMMODATE WORK BY OTHER DIVISIONS OF THIS CONTRACT.

GENERAL NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE AND WORKING ELECTRICAL SYSTEM AS INDICATED WITHIN THESE DRAWINGS.
- REQUESTS FOR SUBSTITUTION - WHERE A PARTICULAR SYSTEM, PRODUCT OR MATERIAL IS SPECIFIED BY NAME, CONSIDER IT AS STANDARD BASIS FOR BIDDING, AND BASE PROPOSAL ON THE PARTICULAR SYSTEM, PRODUCT OR MATERIAL SPECIFIED. OTHER SYSTEMS, PRODUCTS, EQUIPMENT OR MATERIALS MAY BE ACCEPTED ONLY IF IN THE OPINION OF THE ENGINEER, THEY ARE EQUIVALENT IN QUALITY AND WORKMANSHIP AND WILL PERFORM SATISFACTORILY ITS INTENDED PURPOSE. ALL SUCH SUBSTITUTIONS IN MATERIALS OR EQUIPMENT SHALL BE APPROVED IN WRITING BY THE ENGINEER. IN MAKING REQUESTS FOR SUBSTITUTIONS, THE CONTRACTOR SHALL LIST THE PARTICULAR SYSTEM, PRODUCT, EQUIPMENT OR MATERIAL. CONTRACTOR WISHES TO SUBSTITUTE AND AT BID TIME THE CONTRACTOR SHALL STATE THE AMOUNT BEING ADDED OR DEDUCTED FROM THE BASE BID IF THE SUBSTITUTION IS APPROVED BY THE ENGINEER. IF NO DEDUCTION OR ADDITION TO THE BASE BID IS ALLOWED BY THE CONTRACTOR FOR SUCH SUBSTITUTION, IT SHALL BE SO STATED ON THE REQUEST. IF THE APPROVED SUBSTITUTION CONTAINS DIFFERENCES OR OMISSIONS NOT SPECIFICALLY CALLED TO THE ATTENTION OF THE ENGINEER, THE OWNER RESERVES THE RIGHT TO REQUIRE EQUAL OR SIMILAR FEATURES TO BE ADDED TO THE SUBSTITUTED PRODUCTS AT THE CONTRACTOR'S EXPENSE.
- ALL JUNCTION BOX COVERS SHALL BE MARKED USING A PRINTED LABEL OF 3/4" MINIMUM HEIGHT AND LOCATE LABEL SO IT CAN BE READILY IDENTIFIED WITHOUT REMOVAL OF THE COVER PLATE. LABEL PANEL NUMBER AND CIRCUIT FOR BRANCH CIRCUITS; LABEL FEEDING PANEL AND LOAD PANEL FOR FEEDER CIRCUITS.
- INSTALL OUTLETS FOR EQUIPMENT AS REQUIRED BY THE PARTICULAR ITEM. CONTRACTOR SHALL VERIFY THAT THE PLUG PROVIDED WITH THE EQUIPMENT IS COMPATIBLE WITH THE RECEPTACLE INSTALLED.
- VOLTAGE DROP NOTE: IT IS THE CONTRACTORS RESPONSIBILITY TO UPSIZE CONDUCTORS AS REQUIRED FOR VOLTAGE DROP. CONDUCTOR SIZE LIMITATION FOR A 20A CIRCUIT ARE AS FOLLOWS:
 - #12 SHALL NOT EXCEED 65', IF SO, UPSIZE WIRE TO #10
 - #10 SHALL NOT EXCEED 100', IF SO, UPSIZE WIRE TO #8
 - #8 SHALL NOT EXCEED 160', IF SO, UPSIZE WIRE TO #6
 - #6 SHALL NOT EXCEED 250', IF SO, UPSIZE WIRE TO #4



- DETAIL NOTES:
- MAXIMUM NUMBER OF DEVICES ON NAC IS LIMITED PER MANUFACTURER SPECIFICATIONS. SUBMIT SHOP DRAWINGS WITH DEVICE AMPERAGE, VOLTAGE DROP CALCULATION, AND BATTERY CALCULATION.
 - MAXIMUM NUMBER OF DEVICES ON SLC IS LIMITED PER MANUFACTURER SPECIFICATIONS, PROVIDE ADDITIONAL LOOP(S) AS NECESSARY.
 - CONTRACTOR SHALL PROVIDE MINIMUM 3/4" CONDUIT FROM EACH NEW DEVICE BACK TO EXISTING FACP FOR FA CONDUCTORS.
 - FIRE ALARM LIGHTING RELAYS SHALL BE PROVIDED WHEN LIGHTS BEING CONTROLLED ARE DESIGNATED FOR EGRESS (NFPA 101 7.8.1), IN WHICH CASE:
 - FIRE ALARM MODE - 100% OUTPUT, REGARDLESS OF OCCUPANCY
 - POWER FAIL MODE - LIGHTS ON EMERGENCY POWER 100% OUTPUT REGARDLESS OF OCCUPANCY
 - PROVIDE SIGNALING LINE CIRCUIT (SLC) CABLE TO FACP. FACP SHALL ALWAYS BE PROTECTED BY A SPD. PROVIDE SPD AS REQUIRED.

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Renovations - Phase 1

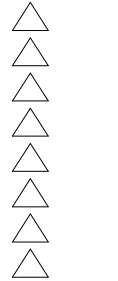
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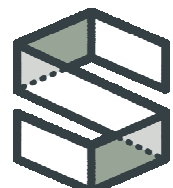


ELECTRICAL
LEGEND,
ABBREVIATIONS,
NOTES & DETAIL

Tallahassee Florida

E001

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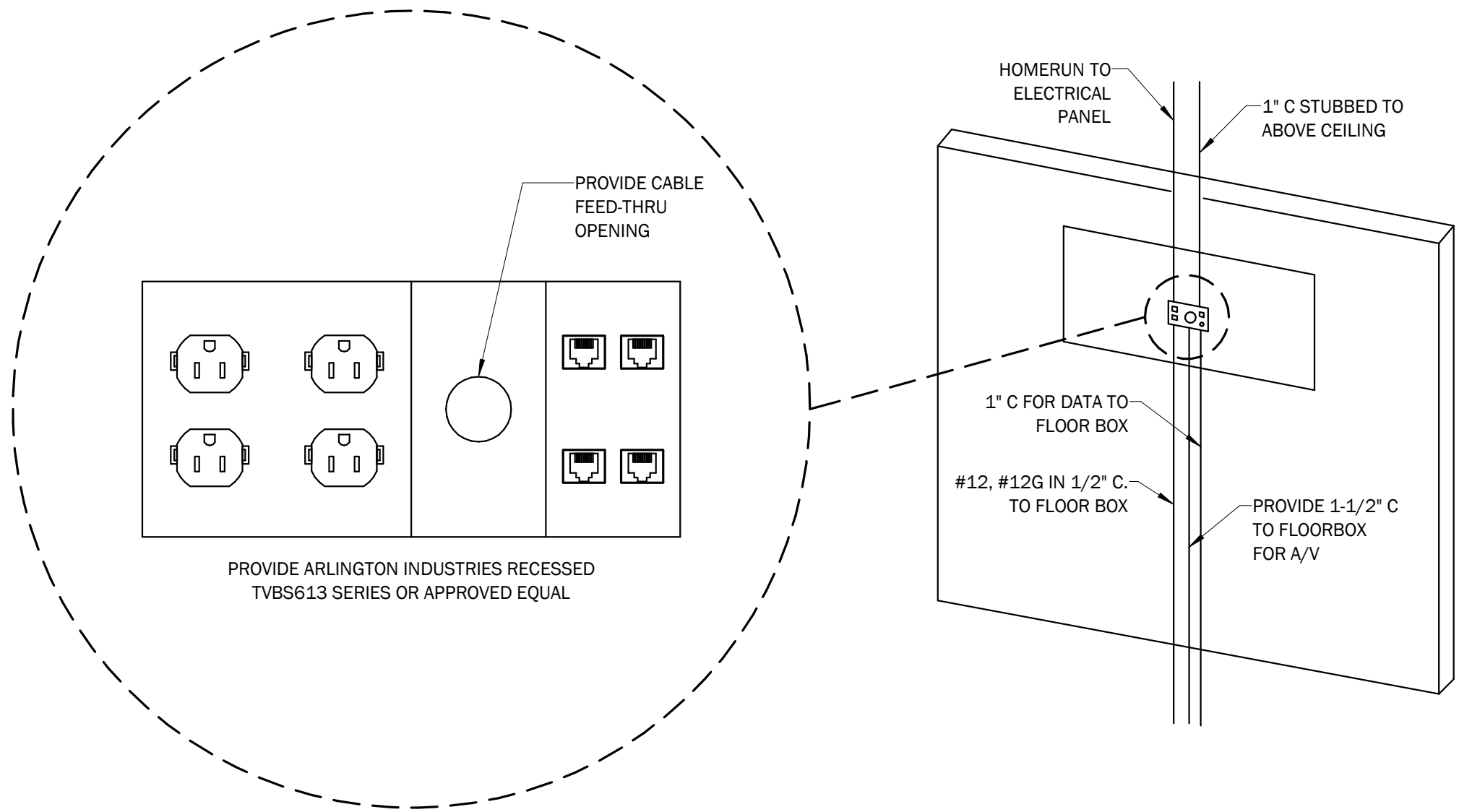


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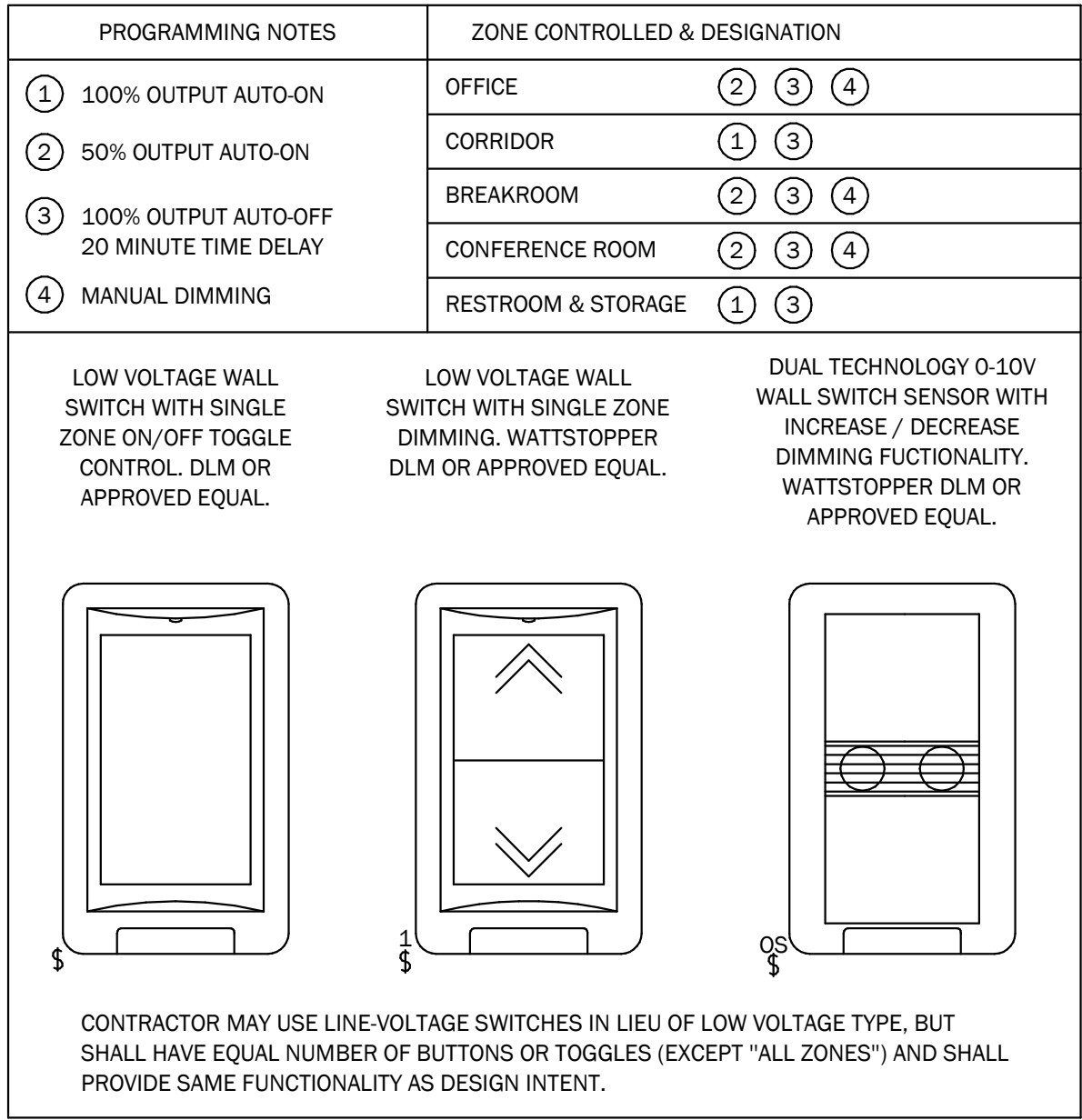
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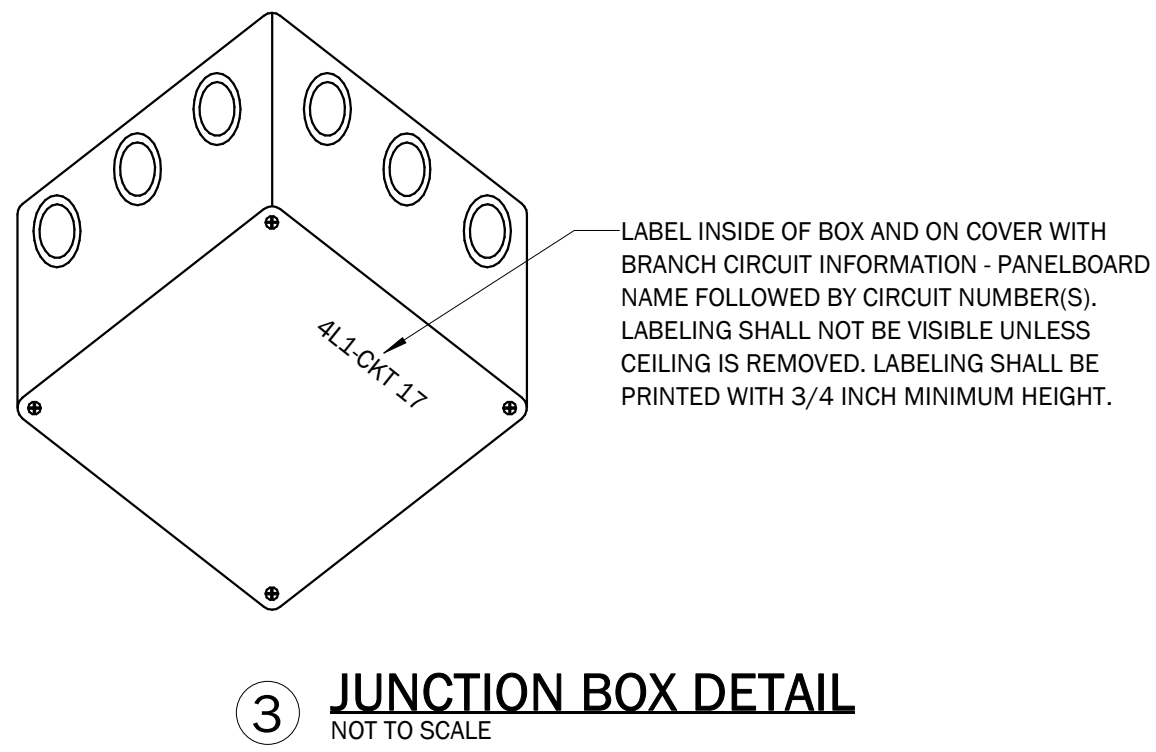
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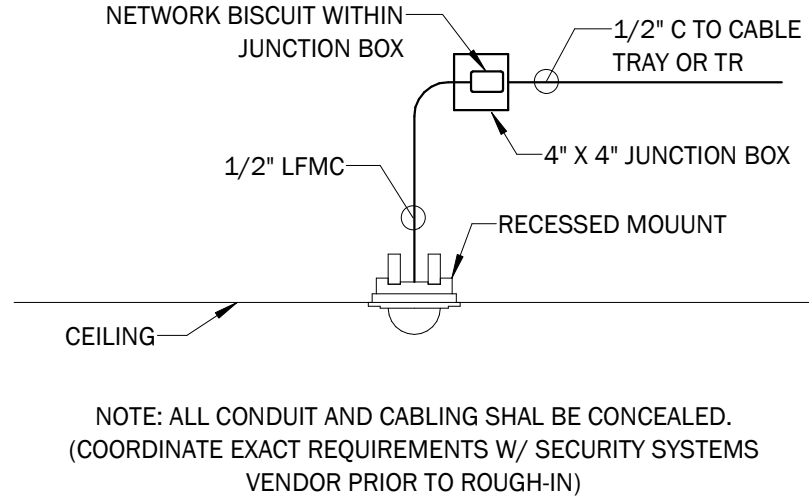
1 TYPICAL TV CONNECTIONS DETAIL
NOT TO SCALE



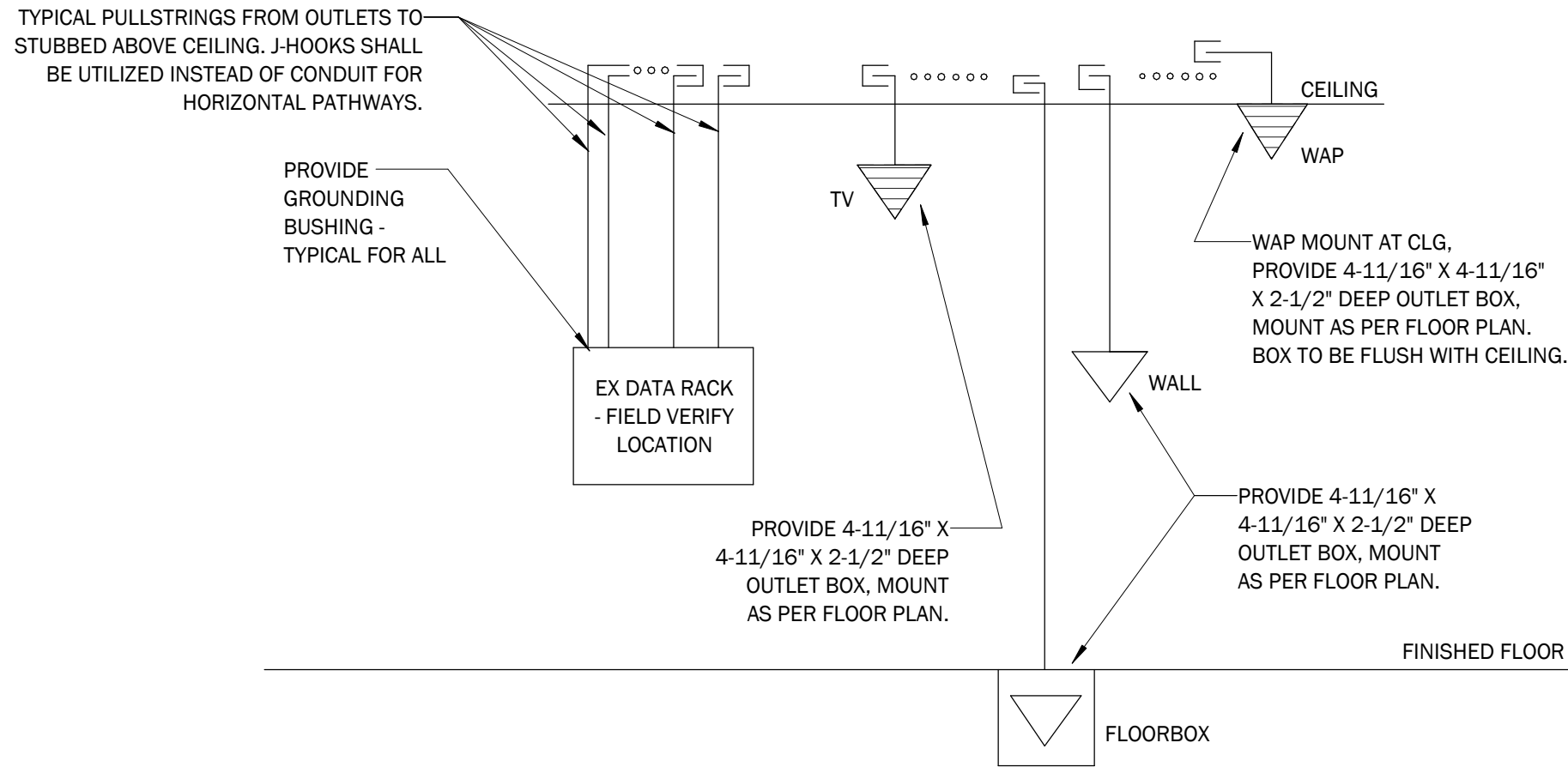
2 LIGHTING CONTROL PROGRAMMING
NOT TO SCALE



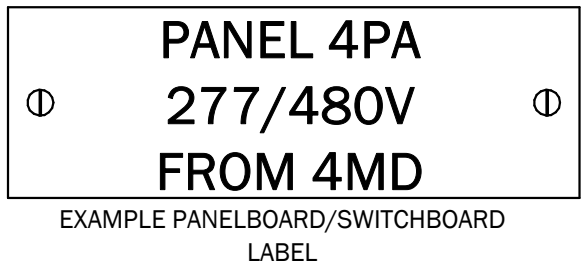
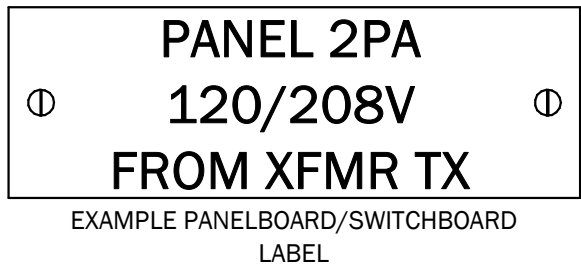
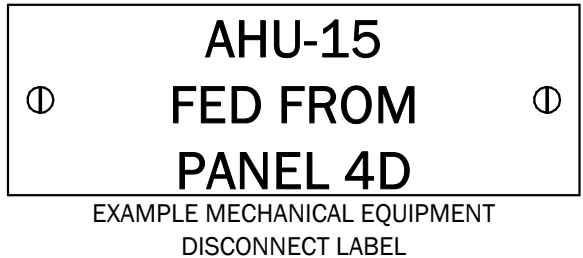
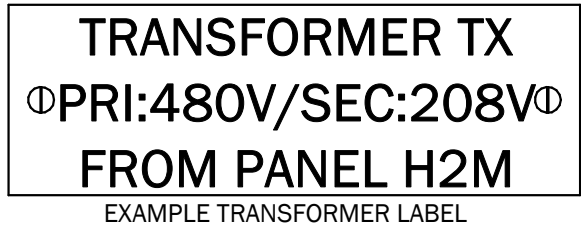
3 JUNCTION BOX DETAIL
NOT TO SCALE



4 CAMERA WITH RECESSED MOUNT
NOT TO SCALE



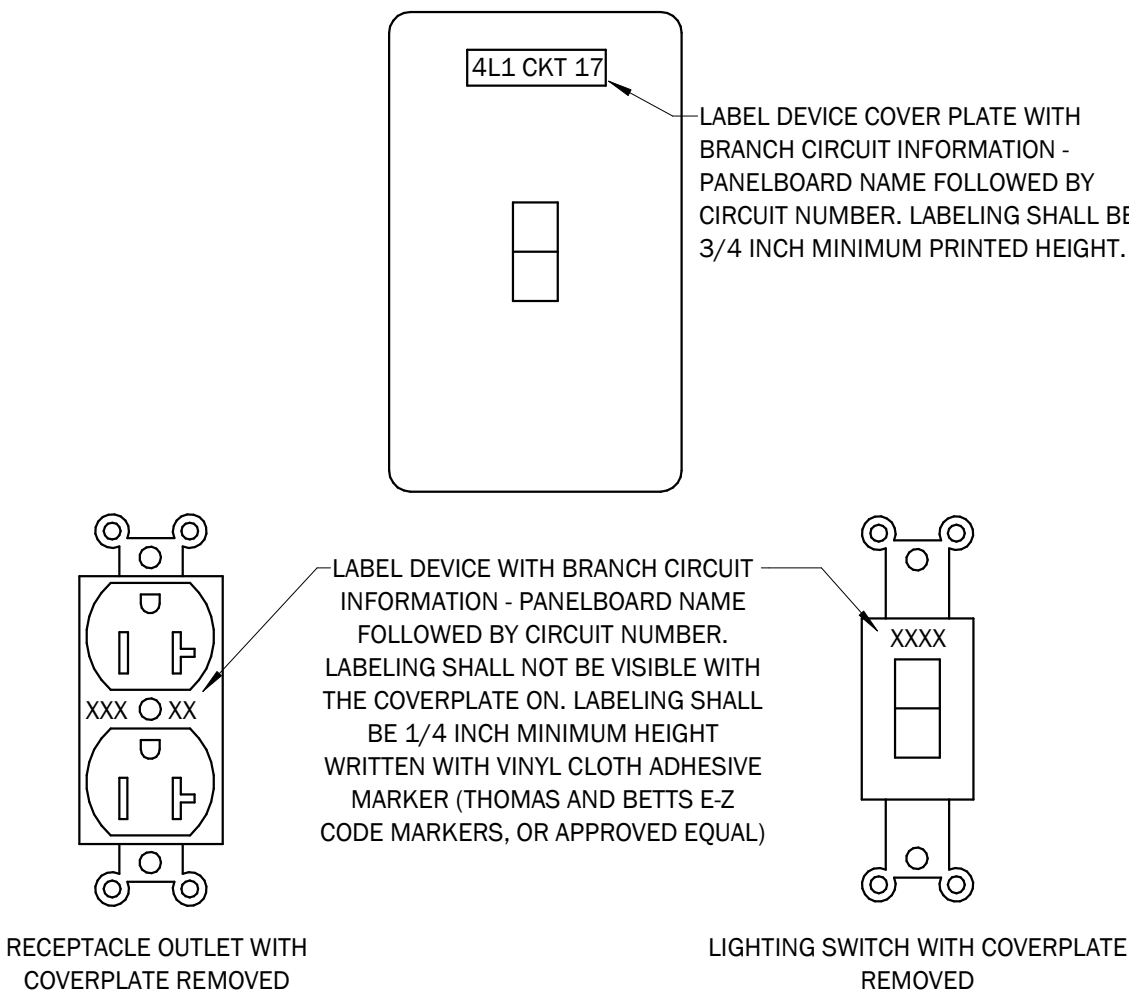
5 TELECOMMUNICATIONS PARTIAL RISER DETAIL
NOT TO SCALE



ENGRAVED PLASTIC TAG WITH 1/4" HIGH BLACK LETTERS ON WHITE BACKGROUND. TAG SHALL INCLUDE DEVICE NAME, AND UPSTREAM POWER SOURCE, AT A MINIMUM. TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS, ADHESIVE BACKING, TAPE, ETC IS NOT ALLOWED. 1"x3" DIMENSIONS ARE MINIMUM. TAG SHALL BE LARGER AS REQUIRED TO FIT APPROPRIATE TEXT.

6 TYPICAL EQUIPMENT LABEL DETAIL
NOT TO SCALE

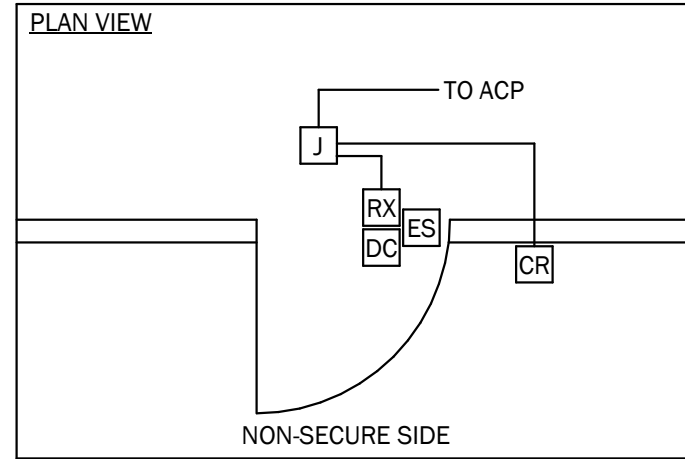
NOTE: WIRING DEVICES AND COVER PLATES SHALL BE WHITE UNO. IF WIRING DEVICE IS SUPPLIED BY AN OPTIONAL STANDBY OR EMERGENCY SYSTEM PROVIDE A RED DEVICE AND COVER PLATE. FOR HOSPITAL: CIRCUIT DESIGNATION SHALL BE ENGRAVED IN COVERPLATES. FOR WHITE COVER PLATES PROVIDE BLACK ENGRAVED LETTERING. FOR RED COVER PLATES PROVIDE WHITE ENGRAVED LETTERING.



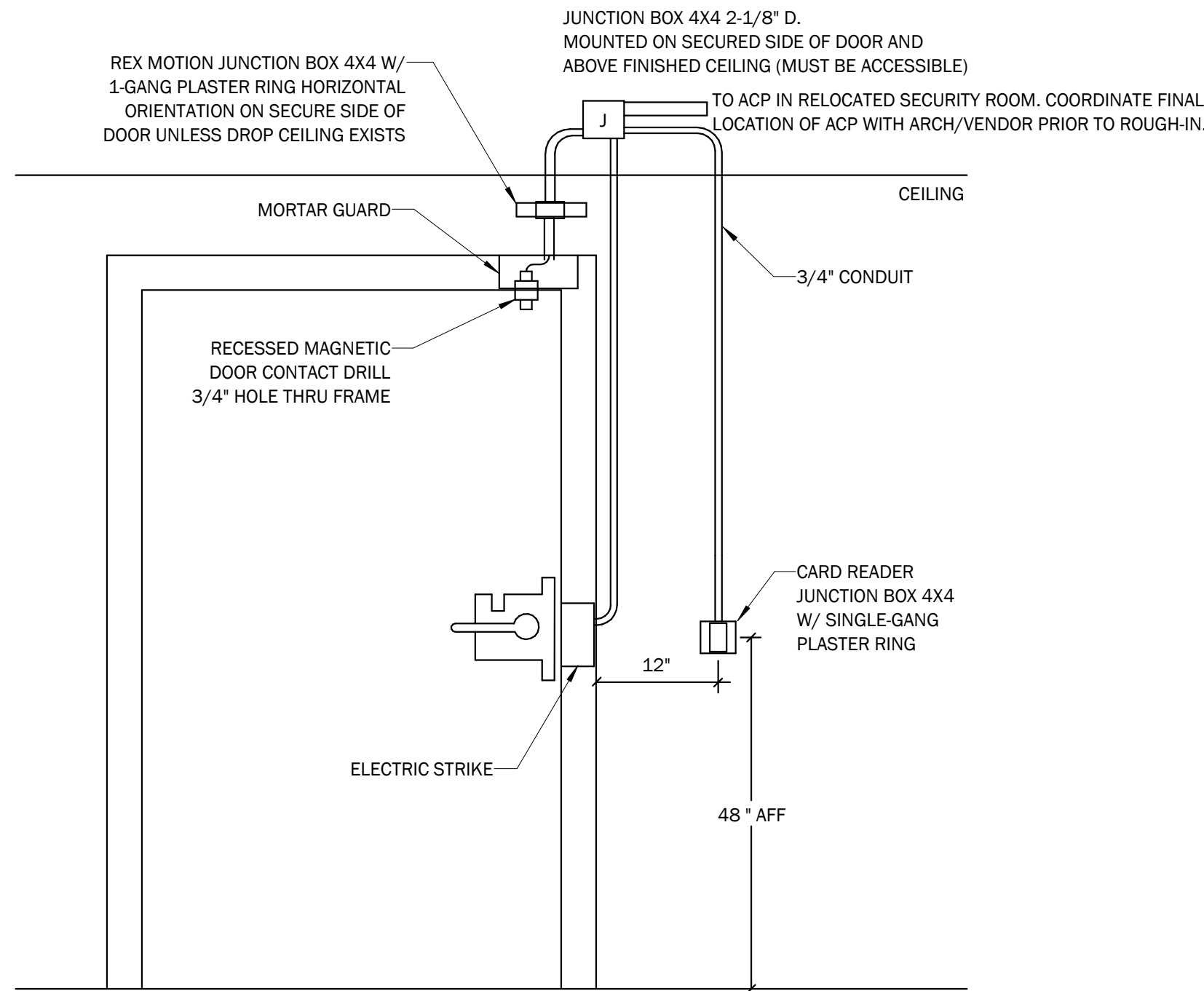
8 WIRING DEVICE DETAIL
NOT TO SCALE

SINGLE DOOR WITH READER IN, REQUEST TO EXIT MOTION, ELECTRIC STRIKE AND MAGNETIC CONTACT

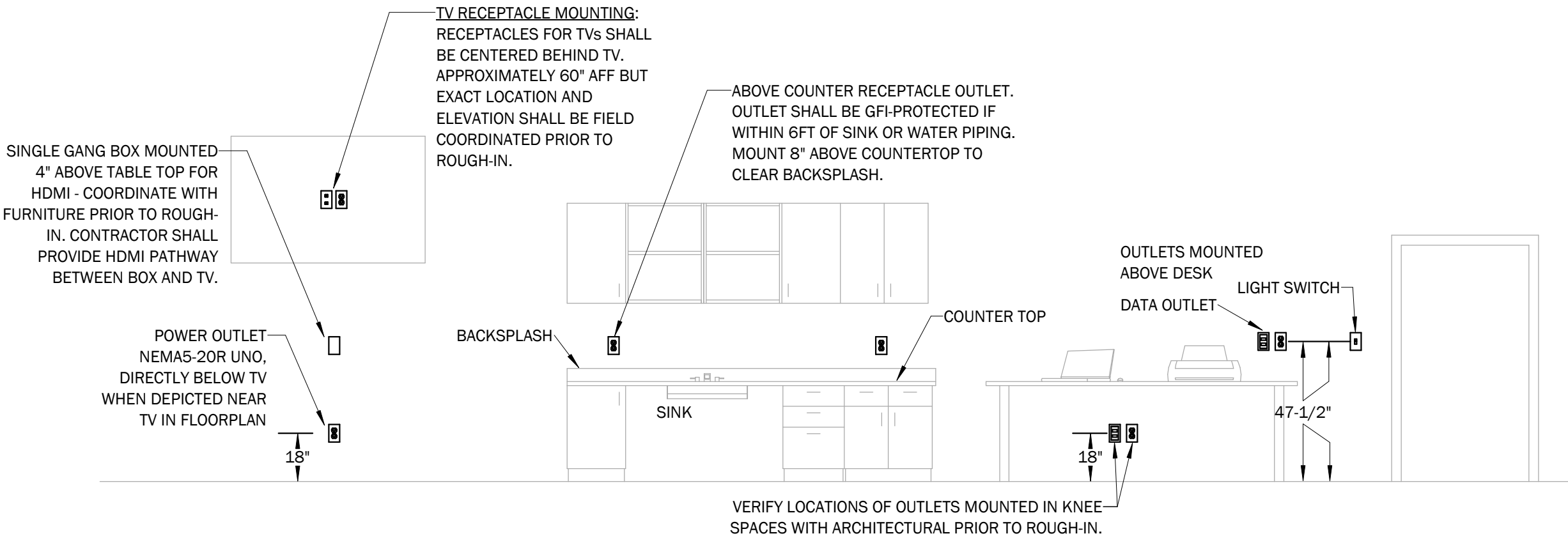
- NOTE:
- THIS DETAIL APPLIES TO DOORS: 222 222
 - CONDUIT CONCEALED IN WALL.



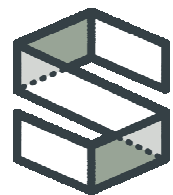
LIST OF EQUIPMENT	
QTY.	DESCRIPTION
1	MAGNETIC DOOR CONTACT
1	CARD READER
1	ELECTRIC STRIKE
1	REQUEST TO EXIT MOTION



9 TYPICAL ACCESS CONTROL DEVICE DETAIL
NOT TO SCALE



7 TYPICAL DEVICE MOUNTING DETAIL
NOT TO SCALE



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CONSTRUCTION DOCUMENTS

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PE-076968



Levy Co. Courthouse
Renovations - Phase 1

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08/22/2025

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ELECTRICAL
DETAILS

Tallahassee Florida

E002

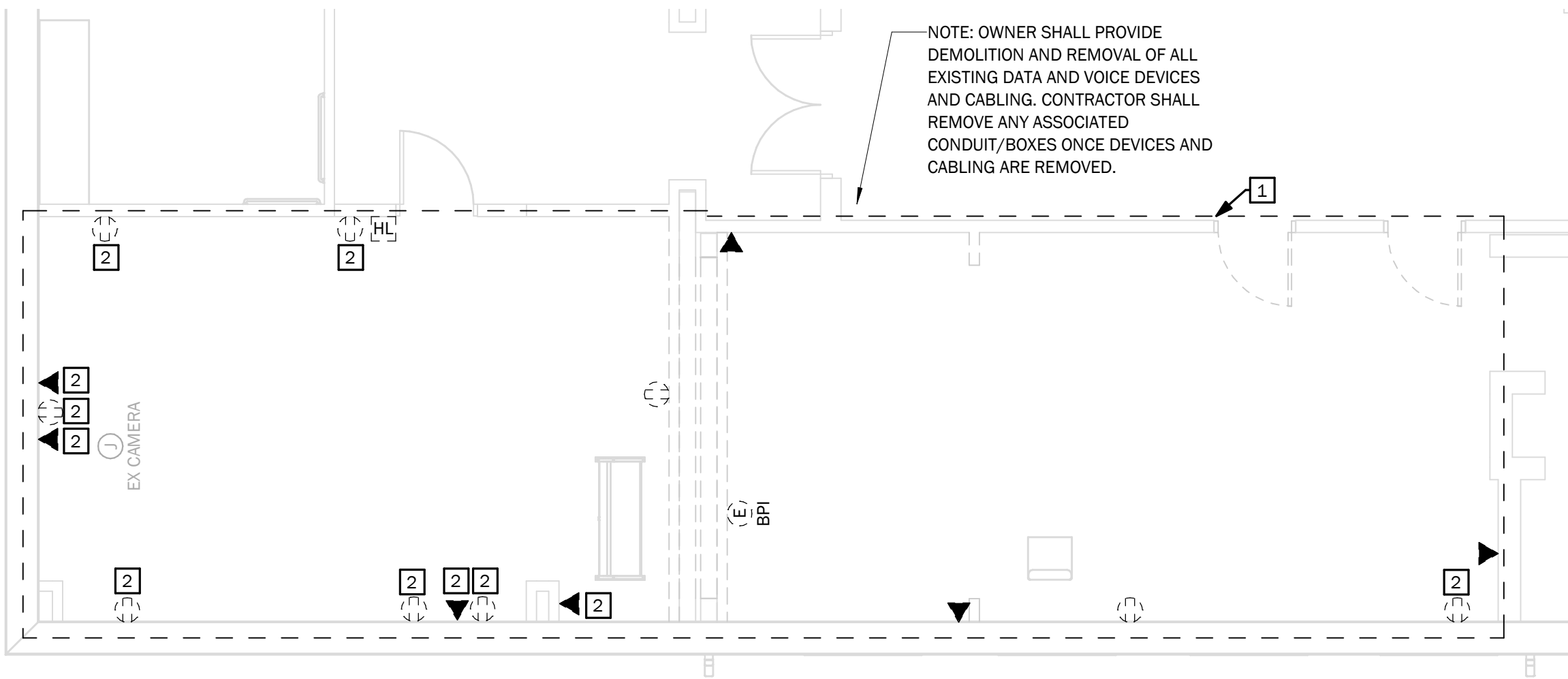
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DEMOLITION NOTES

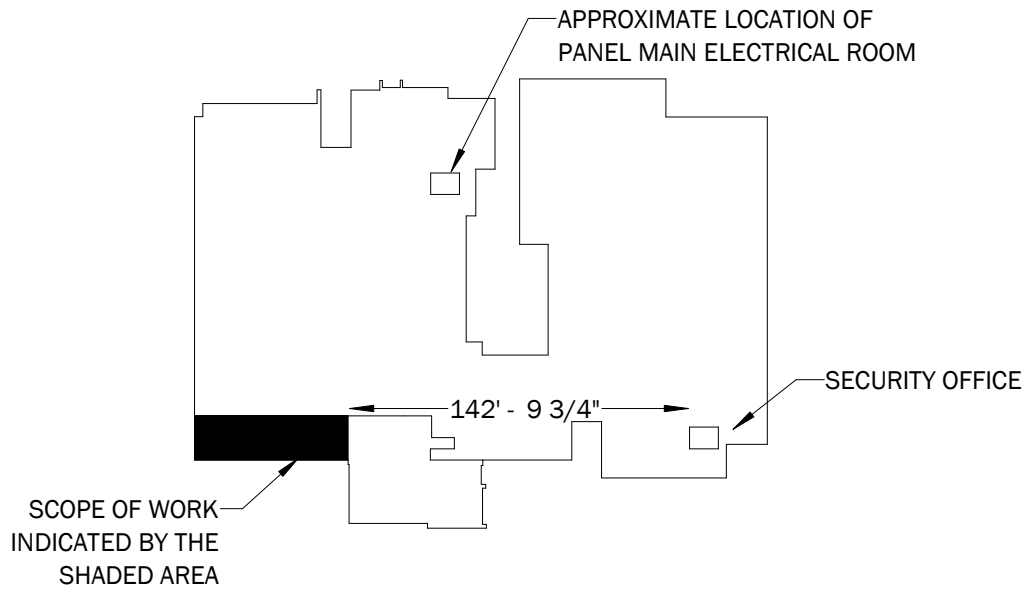
- 1

AS INDICATED BY HATCHED DEVICES AND UNLESS NOTED OTHERWISE DEMOLISH ALL ELECTRICAL CONDUIT, WIRING, EQUIPMENT, WIRING DEVICES, LIGHTING FIXTURES, AND FIRE ALARM DEVICES SERVING AREA OF RENOVATION. DEMOLITION SCOPE OF ALL LINE VOLTAGE DEVICES SHALL BE BACK TO ITS SOURCE UNLESS NOTED OTHERWISE. CONDUIT AND WIRING PASSING THROUGH THE AREA OF RENOVATION AND SERVING AREAS OUTSIDE THE SCOPE OF WORK SHALL BE EXISTING TO REMAIN. REMOVE ALL UNUSED / ABANDONED CONDUIT BACK TO ITS SOURCE.
- 2

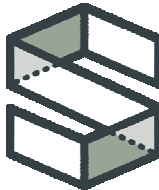
EXISTING DEVICE TO BE REMOVED INCLUDING CONDUIT BACK TO NEAREST JUSTION BOX. RETAIN EXISTING CONDUIT AND BOX (CONCEALED OR SURFACE MOUNTED) FOR INSTALLATION OF NEW DEVICE AND CABLING/CONDUCTORS PER NEW FLOOR PLAN AT EXACT LOCATION.



ELECTRICAL FLOOR PLAN - 1ST FLOOR DEMOLITION
SCALE: 3/16" = 1'-0"



KEY PLAN
SCALE: 1" = 80'-0"



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ELECTRICAL FLOOR
PLAN - 1ST FLOOR
DEMOLITION

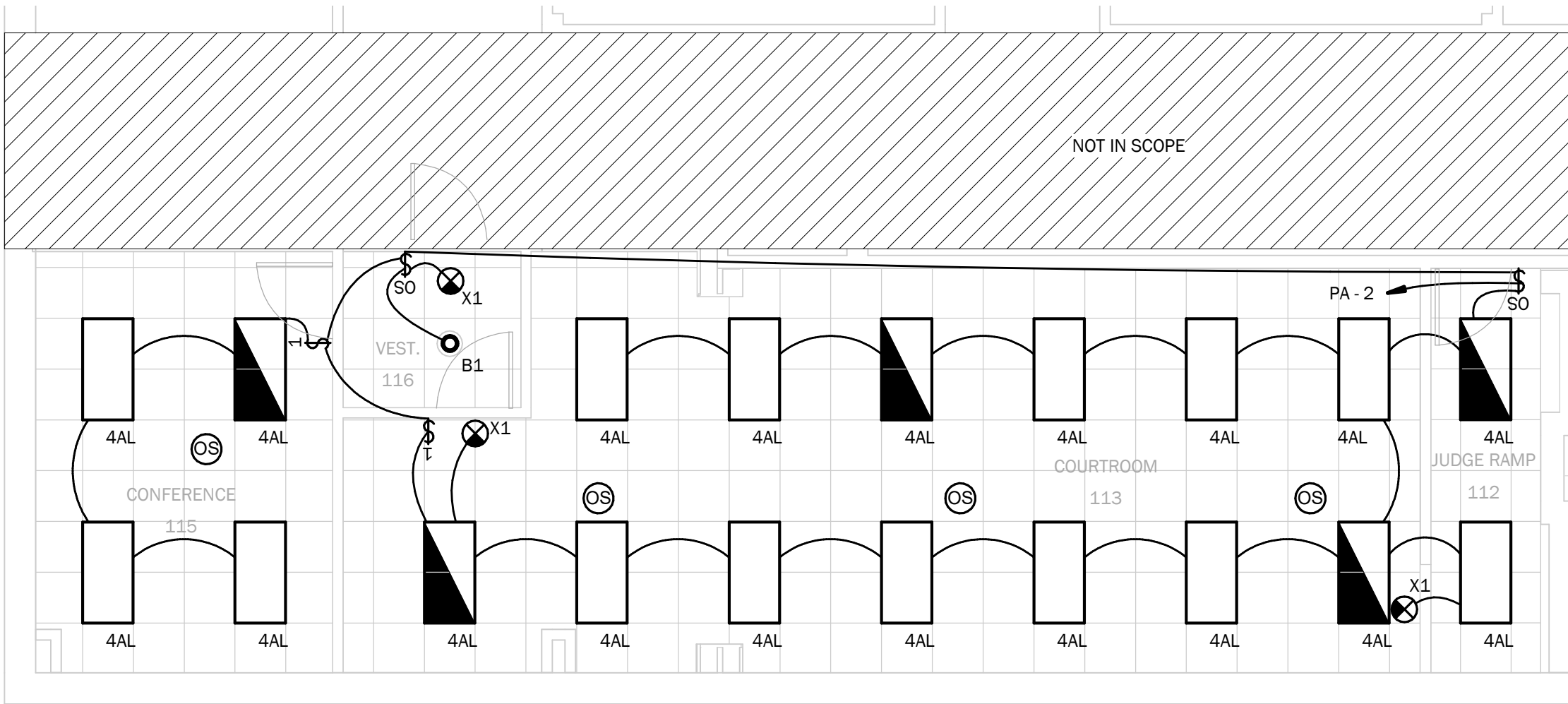
Tallahassee Florida

E101

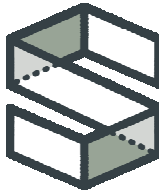
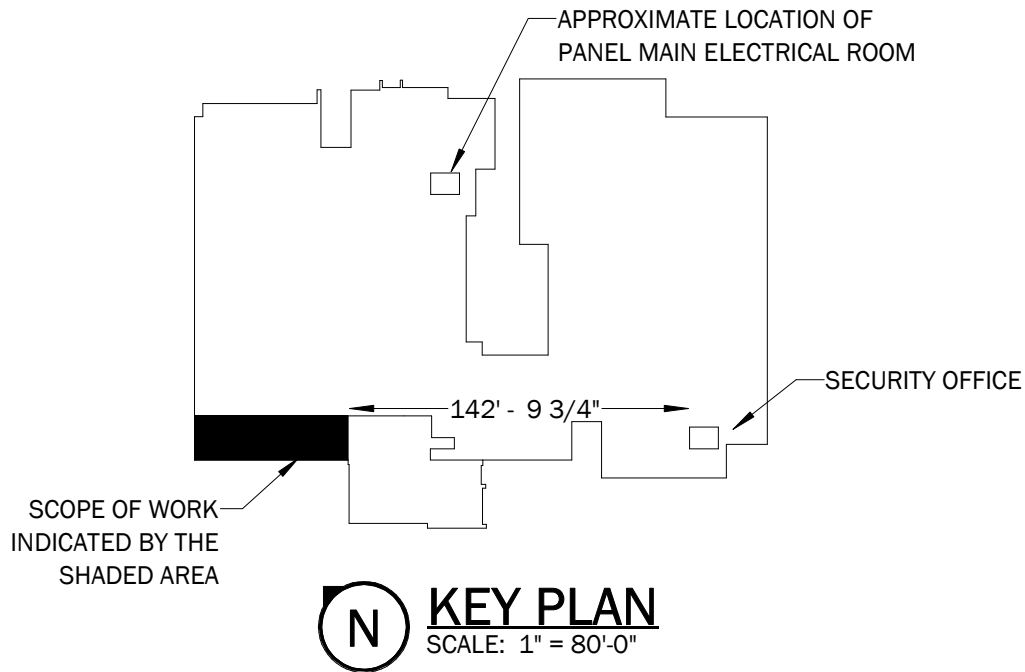
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KEYNOTES:

1 CONTRACTOR SHALL EXTEND POWER AND SWITCHING CONTROL FOR THE TWO FIXTURES IN VESTIBULE 110 AND 110A FROM EXISTING FIXTURES IN MAIN CORRIDOR BEYOND SCOPE AREA.



ELECTRICAL FIRST NEW FLOOR PLAN - LIGHTING
SCALE: 3/16" = 1'-0"

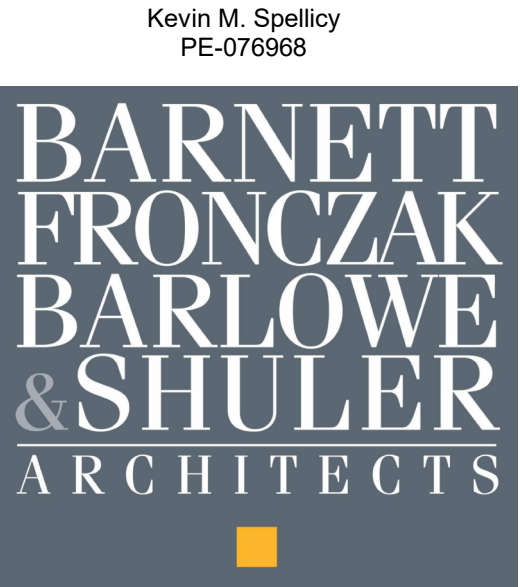


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**ELECTRICAL
CEILING PLAN - 1ST
FLOOR LIGHTING**

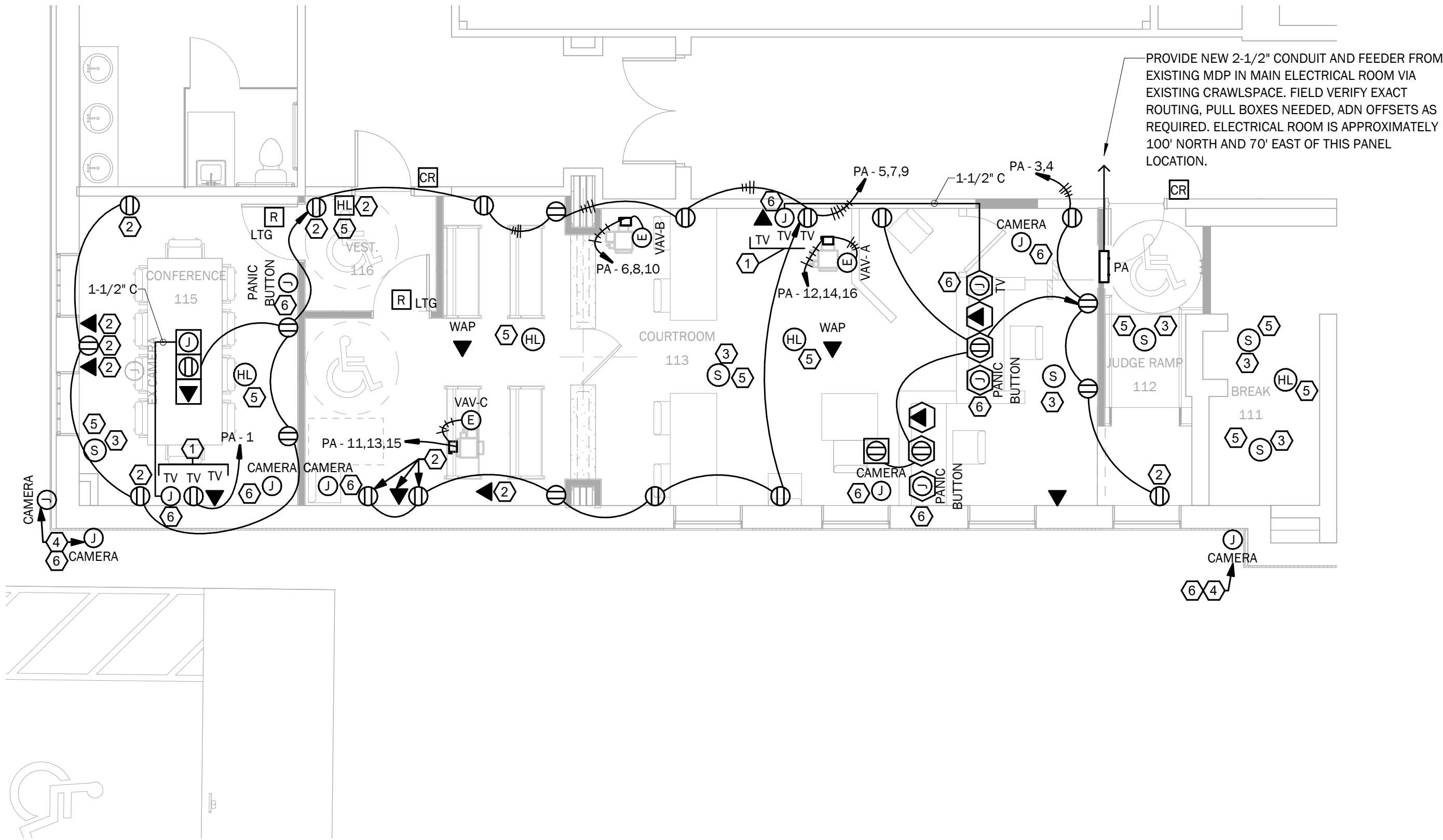
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E201

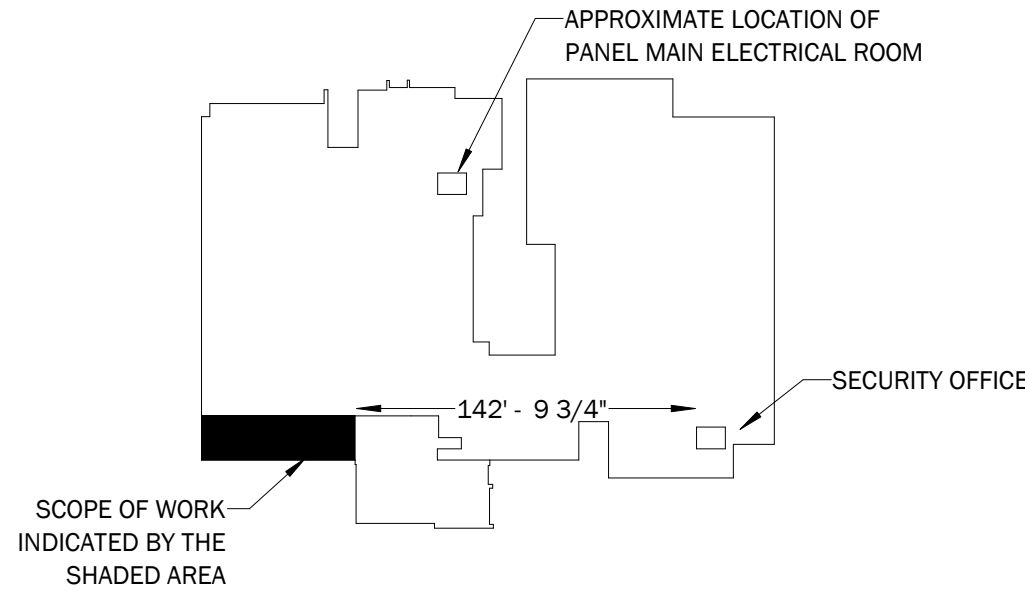
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KEYNOTES:

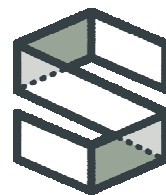
- 1
- CONTRACTOR SHALL VERIFY FINAL LOCATION AND ELEVATION OF TV WITH ARCH PRIOR TO ROUGH IN.
- 2
- PROVIDE NEW DEVICE IN EXISTING WALL BOX LOCATION AS DEVICE THAT WAS REMOVED. PROVIDE NEW CONDUCTORS/CABLING AS REQUIRED FROM NEAREST JUNCTION BOX TO SERVE NEW DEVICE.
- 3
- PROVIDE NEW SMOKE DETECTOR DEVICE (STYLE/COLOR TO MATCH NEW DEVICES) TO REPLACE EXISTING DEVICE.
- 4
- PROVIDE CONDUIT AND WATER PROOF J BOX TO PASS THROUGH WALLS TO EXTERIOR.
- 5
- NEW FIRE ALARM DEVICE TO BE PROVIDED - CONTRACTOR SHALL CONFIRM COMPATIBILITY WITH EXISTING ZONES FACP PRIOR TO ORDERING.
- 6
- PROVIDE 4X4 BACK BOX AND 3/4" CONDUIT UP TO ABOVE CEILING FOR NEW SECURITY/ACCESS CONTROL DEVICE BY OTHERS. ALL CABLING, DEVICES, AND INTEGRATION SHALL BE PROVIDED BY OWNER'S VENDOR. ELECTRICIAN SHALL PROVIDE PATHWAYS ONLY. FINAL CABLING SHALL BE SUPPORTED WITH J-HOOKS BY VENDOR FROM PROJECT AREA DOWN EXISTING CORRIDOR TO RELOCATED SECURITY/ACCESS CONTROL FRONT-END AT RELOCATED SECURITY OFFICE AT EXISTING EAST END OF THE BUILDING (APPROXIMATELY 150' EAST OF PROJECT AREA). VENDOR SHALL NOTE THAT ALL CABLING SHALL BE PLENUM RATED.



ELECTRICAL FIRST FLOOR PLAN - POWER AND SYSTEMS
SCALE: 3/16" = 1'-0"



KEY PLAN
SCALE: 1" = 80'-0"



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ELECTRICAL FLOOR
PLAN - 1ST FLOOR
POWER AND
SYSTEMS

Tallahassee Florida

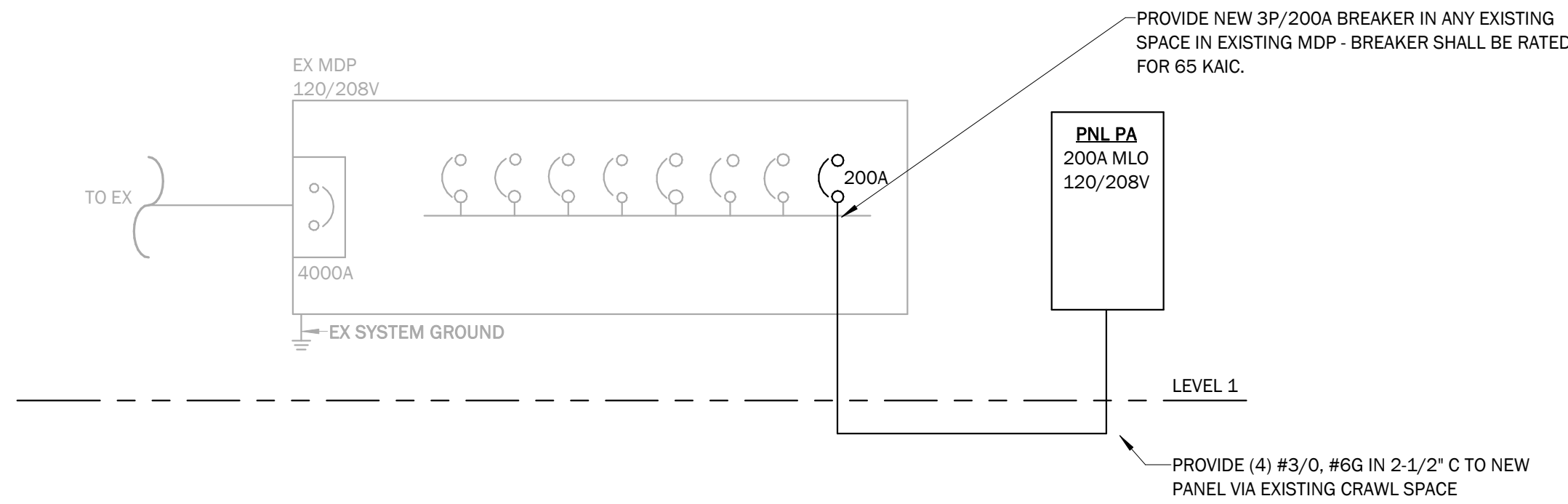
E203

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PA		200 A MLO		SCR: 10kA									
120/208 Wye, 3PH-4W		CKT BKR		PHASE LOAD AMP				CKT BKR		MOUNTING:RECESSED ENCLOSURE:NEMA 1			
CKT	LOAD	P	TRIP	A		B		C		TRIP	P	LOAD	CKT
1	TV CONFERENCE 115	1	20 A	4.2	6.3					20 A	1	LIGHTING 101 - 116	2
3	RCPTS 113	1	20 A			6	6			20 A	1	RCPTS 113, RCPT JUDGE RAMP	4
5	RCPTS 113 NORTH WALL, TV 113, RCPT 116	1	20 A					10.2	2.8				6
7	RCPTS CONFERENCE 115	1	20 A	9	2.8					20 A	3	VAV - B	8
9	RCPT 113 SOUTH WALL	1	20 A			7.5	2.8						10
11								5.3	8.1				12
13	VAV - C	3	20 A	5.3	8.1					20 A	3	VAV-A	14
15						5.3	8.1						16
17	SPARE	1	20 A					0	0	20 A	1	SPARE	18
19	SPARE	1	20 A	0	0					20 A	1	SPARE	20
21	SPARE	1	20 A			0	0			20 A	1	SPARE	22
23	SPARE	1	20 A					0	0	20 A	1	SPARE	24
25	SPARE	1	20 A	0	0					20 A	1	SPARE	26
27	SPARE	1	20 A			0	0			20 A	1	SPARE	28
29	SPARE	1	20 A					0	0	20 A	1	SPARE	30
31	SPARE	1	20 A	0	0					20 A	1	SPARE	32
33	SPARE	1	20 A			0	-			-	1	SPACE	34
35	SPARE	1	20 A					0	-	-	1	SPACE	36
37	SPARE	1	20 A	0	-					-	1	SPACE	38
39	SPARE	1	20 A			0	-			-	1	SPACE	40
41	SPARE	1	20 A					0	-	-	1	SPACE	42
NOTES:		AMPS:		37 A		37 A		26 A					
		CONNECTED LOAD:		4265 VA		4273 VA		3153 VA					

EQUIPMENT SCHEDULE									
DESIGNATION	VOLTAGE	PHASE	MCA	MOCP	WIRE QTY	WIRE SIZE	GROUND SIZE	COUNDUIT SIZE	DISCONNECT
VAV- A	208	3	10	15	4	#12	#12	1/2"	20/30/3 N1 FSS
VAV-B	208	3	3.5	15	4	#12	#12	1/2"	20/30/3 N1 FSS
VAV-C	208	3	6.6	15	4	#12	#12	1/2"	20/30/3 N1 FSS

NOTE: "60/60/2 N1 FSS" INDICATES TO PROVIDE A 2 POLE, 60 AMPS FUSE IN A 60 AMPS NEMA 3R FUSED SAFETY SWITCH.



1 SINGLE LINE DIAGRAM
NOT TO SCALE

LIGHTING FIXTURE SCHEDULE							
TYPE	FIXTURE	CCT (K)	LUMENS	DESCRIPTION	VOLTAGE	MOUNTING	MANUFACTURER
4AL	2X4 FLAT PANEL	4000	3250-4000	LED FIXTURE; FIXTURE FINISH SHALL BE COORDINATED WITH ARCHITECT; MOUNTING HARDWARE SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE CEILING TYPE SPECIFIED; PROVIDE REMOTE EMERGENCY BATTERY AS INDICATED ON DRAWINGS; PROVIDE DIMMABLE DRIVER	UNIV 120/277	RECESSED	DAY-BRITE SIGNIFY SBP SERIES, HE WILLIAMS LP SERIES, COLUMBIA CBT SERIES, OR FOR MANUFACTURES NOT LISTED COMPLY WITH "REQUEST FOR SUBSTITUTION" SECTION ON SHEET E001.
B1	6" ROUND DOWNLIGHT	4000	3000	LED FIXTURE; HOUSING SHALL BE SPUN HOUSING WITH FORGED ALUMINUM SINK AND GALVANIZED STEEL SPLICE COMPARTMENT; FIXTURE FINISH SHALL BE COORDINATED WITH ARCHITECT; MOUNTING HARDWARE SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE CEILING TYPE SPECIFIED; PROVIDE REMOTE EMERGENCY BATTERY AS INDICATED ON DRAWINGS; PROVIDE DIMMABLE DRIVER	UNIV 120/277	RECESSED	HE WILLIAMS 6PR SERIES OR FOR MANUFACTURERS NOT LISTED, COMPLY WITH "REQUEST FOR SUBSTITUTION" SECTION ON SHEET E001.
X1	EXIT SIGN	N/A	N/A	LED FIXTURE, HOUSING SHALL BE DURABLE DIE-CAST ALUMINUM, FIXTURE FINISH SHALL BE COORDINATED WITH ARCHITECT, MOUNTING HARDWARE SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE CEILING TYPE SPECIFIED, PROVIDE INTEGRAL 90 MIN EMERGENCY BATTERY AS INDICATED ON DRAWINGS. COORDINATE DIRECTIONAL ARROWS AND # OF FACES WITH DRAWINGS.	UNIV 120/277	SURFACE	BEGHELLI BRUNO OR FOR MANUFCTUERS NOT LISTED, COMPLY WITH "REQUEST FOR SUBSTITUTION" SECTION ON SHEET E001.

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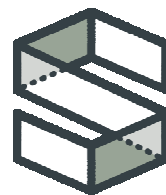
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ELECTRICAL
SCHEDULES &
SINGLE LINE
DIAGRAM

Tallahassee Florida

E301

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