

TYPE

MARK

SPECIALTY EQUIPMENT SCHEDULE

DETENTION GRADE ACCESSIBLE FOLDING SEAT - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION SINGLE BUNK - WALL MOUNTED - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION DOUBLE BUNK - WALL MOUNTED - PREFAB CELL PACKAGE AT CELL LOCATIONS

DGB36-P DETENTION GRAB BAR STAINLESS STEEL 36" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

DGB42-P DETENTION GRAB BAR STAINLESS STEEL 42" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

CLOTHES HOOK STRIP WITH SHELF - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION DOUBLE MIRROR - ADA - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION DOUBLE MIRROR - ADA - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION DOUBLE BUNK - FLOOR MOUNTED - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION GRAB BAR STAINLESS STEEL 24" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION GRAB BAR STAINLESS STEEL 36" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION GRAB BAR STAINLESS STEEL 42" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION GRAB BAR STAINLESS STEEL 54" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION GRAB BAR STAINLESS STEEL 32" x 18" LENGTH - PREFAB CELL PACKAGE AT CELL LOCATIONS

ACCESS PANEL (24"x24" U.N.O.) - (CFCI) MOUNTED ABOVE TOILET FIXTURE

CLOTHES HOOK STRIP - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION MIRROR - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION MIRROR - PREFAB CELL PACKAGE AT CELL LOCATIONS

DETENTION DESK WALL MOUNTED - PREFAB CELL PACKAGE

FIRE EXTINGUISHER CABINET - SURFACE MOUNTED - (CFCI)

FIXED WALL MOUNTED STOOL - PREFAB CELL PACKAGE

DETENTION DESK WALL MOUNTED ADA - PREFAB CELL PACKAGE

DETENTION DESK W/ SEATS WALL MOUNTED - PREFAB CELL PACKAGE

DETENTION HOLLOW METAL WALL PANEL - (CFCI)

FIRE EXTINGUISHER - WALL MOUNTED - (CFCI)

MOP / BROOM HOLDER 24" WIDE

PTD-S PAPER TOWEL DISPENSER - SURFACE - (CFCI)

TOILET TISSUE DISPENSER - (CFCI)

SOAP DISH - SURFACE MOUNTED - (CFCI)

CUFF DOWN BENCH WITH CONCRETE SEAT

DETENTION CHAIR - (OFOI )

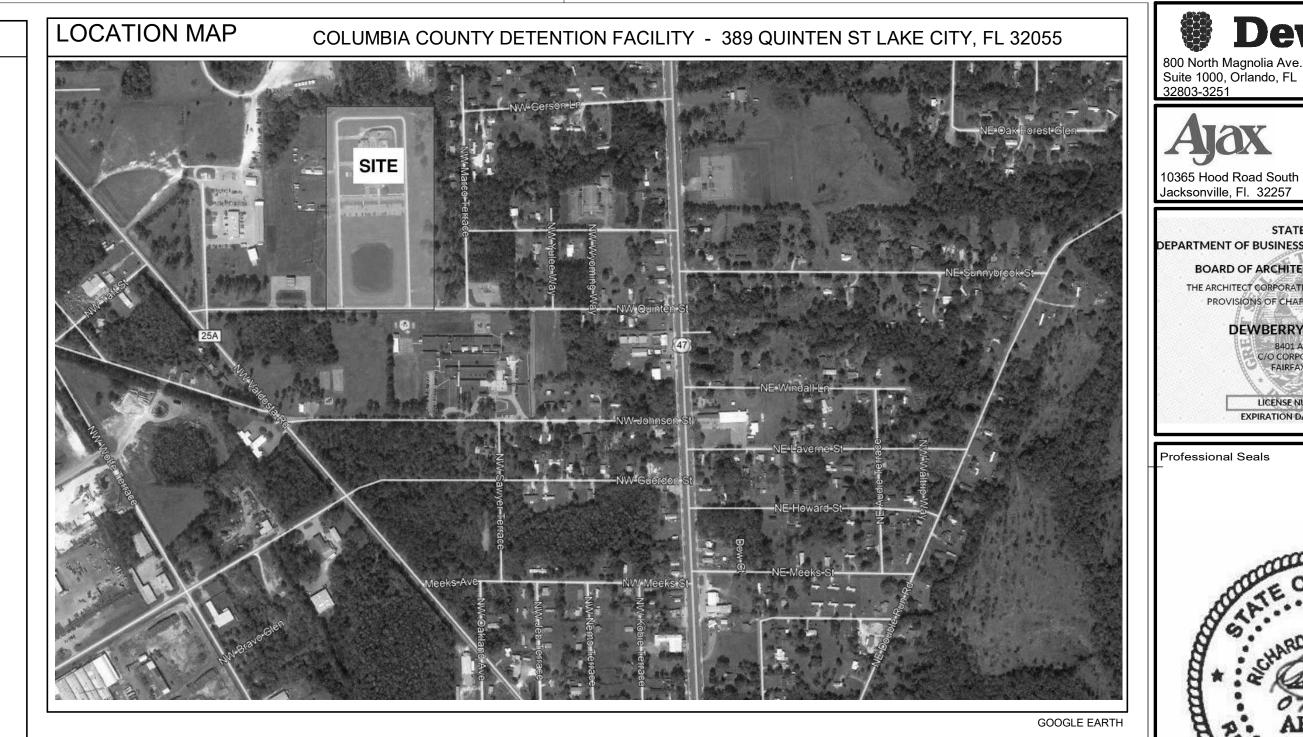
LADDER ACCESS LADDER (CFCI)

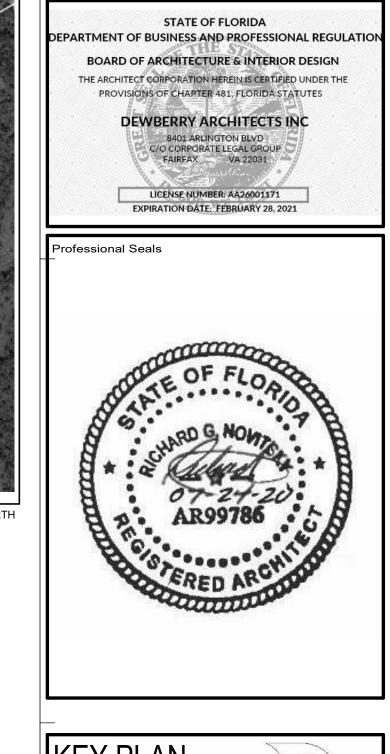
4 MAN TABLE - (CFCI)

4 MAN TABLE ADA - (CFCI)

VISITATION STATION - (OFOI)

DESCRIPTION





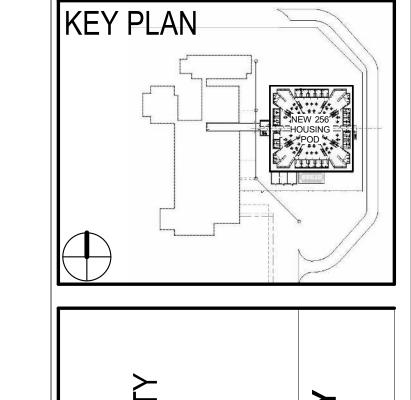
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COUNTY BOARD OF COMMISSIONERS

As indicated ISSUED FOR PERMIT **REVISIONS** APPROVED BY R NOVITSKY CHECKED BY B HALL DATE JULY 24, 2020

ARCHITECTURAL ABBREV. SYMBOLS LEGENDS & MAPS PROJECT NO.

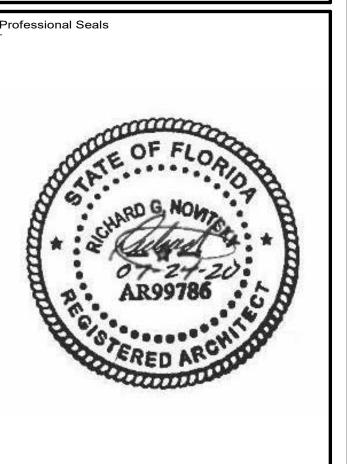
G-001A

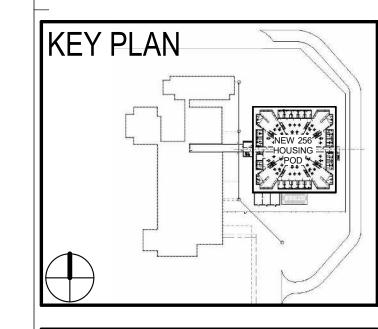
DRAWING INDEX - VOLUME 2 **DRAWING INDEX - VOLUME 1** Jacksonville, Fl. 32257 SHEET INDEX SHEET INDEX Volume Volume SHEET NO. SHEET NAME SHEET NO. SHEET NAME Number Number GENERAL ENLARGED PLANS AND SECTIONS G-000-1 COVER - VOLUME 1 ENLARGED SECTIONS AND DETAILS G-001A ARCHITECTURAL ABBREV. SYMBOLS LEGENDS & MAPS VAPOR BARRIER AND EXPANSION DETAILS G-001B.1 | ARCHITECTURAL INDEX VOLUME 1 EXTERIOR DETAILS CODE SUMMARY ROOF DETAILS PENETRATION DETAILS INTERIOR - WALL TYPES & ASSEMBLY DETAILS G-101 SITE LIFE SAFETY CODE PLAN INTERIOR - WALL DETAILS G-111 FIRST FLOOR CODE PLAN INTERIOR - DETAILS INTERIOR - DETAILS UPPER TIER CODE PLAN ACCESSIBILITY COMPLIANCE - PLAN INTERIOR - CASEWORK TYPICAL FIXTURE MOUNTING HEIGHTS ARCHITECTURAL DOOR SCHEDULE TYPICAL ACCESSIBILITY & SIGNAGE DETAILS A-701 PROJECT ALTERNATES DETENTION CIVIL CIVIL COVER SHEET QD-001 DETENTION SYMBOLS, NOTES AND LEGENDS GENERAL NOTES QD-111 DETENTION FIRST FLOOR PLAN QD-112 SECURITY LEVEL FIRST FLOOR PLAN GENERAL NOTES **EXISTING CONDITIONS PLAN** QD-121 DETENTION UPPER TIER PLAN QD-122 SECURITY LEVEL UPPER TIER PLAN SOIL & ZONING MAP NOT USED QD-401 LARGE SCALE PRECAST CELL PLANS AND ELEVATIONS QD-402 LARGE SCALE PRECAST CELL PLANS AND ELEVATIONS **EROSION CONTROL & DEMOLITION PLAN** OVERALL SITE PLAN QD-403 LARGE SCALE PRECAST CELL PLANS GEOMETRY PLANS QD-404 PRECAST CELL DETAILS GRADING PLAN & DRAINAGE STRUCTURES QD-405 PRECAST CELL DETAILS POND 10 PLAN & DETAILS QD-406 DETENTION LARGE SCALE PLANS UTILITY PLAN QD-407 DETENTION SECURED VESTIBULE - ADD ALTERNATE #2 C13 UTILITY PROFILES QD-501 DETENTION EQUIPMENT AND FURNISHINGS C14 FENCE DETAILS QD-600 DETENTION DOOR SCHEDULE BP1 (REFERENCE ONLY) 1 C14B GATE DETAILS QD-601 DETENTION DOOR SCHEDULE C15 LAKE CITY UTILITY DETAILS QD-606 DETENTION DOOR & FRAME PROFILES QD-607 DETENTION DOOR DETAILS C16 LAKE CITY UTILITY DETAILS QD-608 DETENTION DOOR DETAILS C17 LAKE CITY UTILITY DETAILS QD-610 DETENTION GLAZED FRAME SCHEDULE AND ELEVATIONS 1 C18 TYPICAL SECTIONS & GENERAL DETAILS STRUCTURAL S-001 STRUCTURAL NOTES S-111 FOUNDATION PLAN S-121 UPPER TIER FRAMING PLAN S-122 UPPER TIER CEILING FRAMING PLAN S-131 ROOF FRAMING PLAN S-211 BUILDING SECTIONS S-221 METAL BUILDING DETAILS S-311 FOUNDATION DETAILS S-312 FOUNDATION DETAILS S-321 UPPER TIER FLOOR AND CEILING DETAILS S-331 STRUCTURAL STEEL DETAILS S-351 STAIR DETAILS S-352 STAIR DETAILS S-411 TYPICAL MASONRY DETAILS S-511 PRECAST CELL LOADING PLANS S-701 PROJECT ALTERNATES ARCHITECTURAL SITE AS-101 ARCHITECTURAL SITE PLAN & DETAILS 1 ARCHITECTURAL A-111 FIRST FLOOR ANNOTATION PLAN A-112 FIRST FLOOR DIMENSION PLAN A-113 FIRST FLOOR WALL TYPE PLAN A-114 FIRST FLOOR RCP A-115 FIRST FLOOR FINISH PLAN A-121 UPPER TIER ANNOTATION PLAN A-122 UPPER TIER DIMENSION PLAN A-123 UPPER TIER WALL PLAN A-123S UPPER TIER WALLS TO DECK PLAN A-124 UPPER TIER RCP A-125 UPPER TIER FINISH PLAN A-131 ROOF PLAN A-201 EXTERIOR ELEVATIONS A-301 BUILDING SECTIONS & ELEVATIONS A-311 WALL SECTIONS A-312 WALL SECTIONS & DETAILS A-401 LARGE SCALE FLOOR PLANS A-402 LARGE SCALE FLOOR PLANS & ELEVATIONS A-451 ENLARGED PLANS AND SECTIONS

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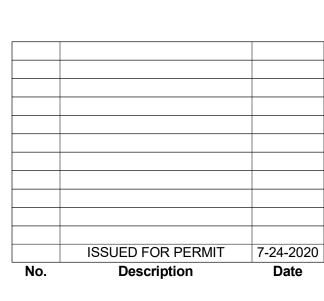
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STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE & INTERIOR DESIGN THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES





COUNTY BOARD OF COMMISSIONERS



**REVISIONS** 

DRAWN BY	R NOVITSK
APPROVED BY	R NOVITSK
CHECKED BY	B HAI
DATE	JULY 24, 202

ARCHITECTURAL INDEX VOLUME 1

PROJECT NO. 50101397

G-001B.1

## **CODE SUMMARY BUILDING DATA** FOR RATED WALL & NON RATED SMOKE PARTITION LOCATIONS REFER TO CODE PLANS G-111 Thru G121D **CHAPTER 6:** TYPES OF CONSTRUCTION **CHAPTER 6 - TYPES OF CONSTRUCTION** BUILDING ELEMENT TYPE IIB STRUCTURAL PRIMARY FRAME STRUCTURAL SECONDARY FRAME **BEARING WALLS - EXTERIOR BEARING WALLS - INTERIOR** NONBEARING 0-HOUR WITH FIRE WALLS - EXTERIOR SEPARATION DISTANCE 10'</= X < 30' NONBEARING WALLS - INTERIOR

CHAPTER 10:

MEANS OF EGRESS

**SECTION 1004 - OCCUPANT LOAD** 

BUILDING 1 OCCUPANT LOAD: 268

**SECTION 1005 - EXIT WIDTH REQUIREMENT** 

INSTITUTIONAL I-3 – ACTUAL NUMBER OF INMATES IN THE FACILITY

COUNTS WITHIN THE HOUSING PODS AND BOOKING HOLDING CELLS

SECTION 1005.3.1 - .03 INCHES PER OCCUPANT AT STAIRS.

TABLE 1006.2.1 - SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

TABLE 1006.3.1 - MINIMUM NUMBER OF EXITS OR ACCESS TO EXISTS

TABLE 1006.3.2 (2) STORIES WITH ONE EXIT OR ACCESS TO ONE EXIT

OCCUPANT LOAD OF 1 TO 500 MINIMUM OF 2 EXITS

(FIRST STORY ABOVE OR BELOW GRADE PLANE)

TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE

USE GROUP TRAVEL DISTANCE

200'-0"

400'-0"

USE GROUP TRAVEL DISTANCE

COMPLIES 15 SF / PERSON MINIMUM 50FT FROM BUILDING

**SECTION 1020.4 – DEAD ENDS** 

I-3 AND S-2 50'-0

Description

Occupancy

**Building 1** 

Building 1

Allowable Floor Area

Actual Floor Area

Building 1

**Building 1** 

Occupant Load

Primary Occupancy

Actual Building Height/Stories

**Building 1 Ground Floor** 

Building 1 Second Floor

**Building 1 Ground Floor** 

Building 1 Second Floor

Allowable Construction Type

**Actual Construction Type** 

Building 1 Inmates

Total Occupant Load

Other Components

**Common Path of Travel** 

Fire Resistance Ratings

Structural Primary Frame

Structural Secondary Frame

Structural Frame

Bearing Walls

Exterior

Interior

Nonbearing Walls

Nonbearing Floor Construction

Beams/Joists

**Roof Construction** 

Smoke Barriers

Corridor Ratings

Horizontal Exits

Beams/Joists

Fire and Party Walls

Shaft and Vertical Enclosures

**Automatic Sprinkler Systems** 

Exterior (X>30')

**Exit Access Travel Distance** 

Building 1 Staff

Capacity of Exits

Stairways

**Dead Ends** 

USE GROUP OCCUPANT LOAD MAXIMUM COMMON PATH OF TRAVEL

100'-0"

100'-0"

USE GROUP OCCUPANT LOAD COMMON PATH OR EXIT TRAVEL DISTANCE

75'-0"

(REFER TO LIFE SAFETY SITE PLAN G-101 & ARCHITECTURAL SITE PLAN AS-101)

Columbia County Detention Facility Code Comparison

Nonseparated Occupancies

Table 506.2 and Table 601

Table 1004.1.2 and Actual

Section 508.3.2

Storage S-2

75'-0" / 2 Stories

31'-0" / 2 Stories

Table 506.2

30,000 sf

30.000 sf

22,293 sf

10,696 sf

Type II B

Type II B

272

0.3

0.2

Section 1005.3

Table 1017.2

1-3 - 200'

S-2 - 400'

Table 1006.2.1

Section 1020.4

I-3, S-2 - 50'

Tables 601 and 602

Table 601

0 HR

0 HR

0 HR

0 HR

0 HR

0 HR

Table 601

0 HR

Table 601

0 HR

Table 706.4

2 HR

1 HR

Section 408.6

Table 1020.1 I-3 - 1 HR

S-0HR

Not Required

Section 1026

Section 903 Provided

Not Required

Section 712 and 713

Tables 601/602

Tables 601/602

2017 FBC

I-3, S- 2 - 100'

Allowable Building Height/Stories Tables 504.3 and 504.4

2017 FBC

Institutional I-3 Condition 4

2015 NFPA 101 LSC

**New Detention Condition 4** 

Storage Low Hazard

Not identified in the code

Not identified in the code

Table 7.3.1.2 and Actual

Section 6.1.14.2.2

Mixed Occupancies

Table 22.1.6.1

2 Stories

2 Stories

22,293 sf

10,696 sf

II (000)

268

272

0.3

0.2

Table 7.3.3.1

Table A.7.6

Table A.7.6

Table A.7.6

Det, - 50'

Table A.8.2.1.2

Table A.8.2.1.2

Table A.8.2.1.2

Table A.8.2.1.2

Table A.8.2.1.2

Table A.8.2.1.2

Section 7.2.8.5

Not Required Section 7.1.3.1

Det - 1 HR

Stor - 0 HR

Section 7.2.4.3 Not Required

Provided

Section 9.7

1 HR

Section 8.5

Not identified in the code

0 HR

Chapter 8

Det, - 100'

Detention - 200'

Storage Low Hazard – 400'

Storage - Not required

Storage - Not required

2015 NFPA 101 LSC

Table 22.1.6.1

REMAINING BUILDING OCCUPANCY WILL BE CALCULATED PER TABLE 1004.1.2

NOTE: LIFE SAFETY PLANS INDICATING INMATE COUNTS, SUCH AS (X) INMATES REFLECT

THE NUMBER OF INMATES WITH ANY GIVEN AREA AND DO NOT REFLECT THE OVERALL

OCCUPANT LOAD. THE TOTAL NUMBER OF INMATES ARE CALCULATED BASED ON BED

SECTION 1005.3.2 - .02 INCHES PER OCCUPANT AT DOORS, CORRIDORS AND RAMPS.

# **FIRE AND SMOKE PROTECTION FEATURES**

TABLE 705.8 - DEGREE OF OPENING PROTECTION / MAXIMUM AREA OF OPENINGS

0'-3'	NOT PERMITTED
3'-5'	15%
5'-10'	25%
10'-15'	45%
15'-20'	75%

NO LIMIT

UNPROTECTED, SPRINKLERED (UP, S)

FLOORS (INCLUDING BEAMS)

ROOFS (INCLUDING BEAMS)

**CHAPTER 7:** 

20'+

#### **CHAPTER 9:** FIRE PROTECTION SYSTEMS

SECTION 903 – AUTOMATIC SPRINKLER SYSTEM WITH SUPERVISION AUTOMATIC SPRINKLER SYSTEM PROVIDED IN ACCORDANCE WITH NFPA 13.

SECTION 905 – STANDPIPE SYSTEMS NOT REQUIRED. OUR BUILDINGS HIGHEST STORY IS LOCATED LESS THAN 30'-0" ABOVE

THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS. SECTION 905.7.2 – LOCKING CABINET DOORS

FIRE EXTINGUISHER CABINETS ARE PERMITTED TO BE LOCKED PER EXCEPTION 3 USE GROUP I-3

SECTION 906 - PORTABLE FIRE EXTINGUISHERS

EXCEPTION 906.2: IN GROUP I-3, PORTABLE FIRE EXTINGUISHERS SHALL BE PERMITTED TO BE LOCATED AT STAFF LOCATIONS 906.3 TRAVEL DISTANCE TO EXTINGUISHERS (75FT MAX)

SECTION 907 – FIRE ALARMS AND AUTOMATIC FIRE DETECTION AUDIBLE ALARMS AND FIRE PROTECTION SIGNALING SYSTEM PROVIDED. AUTOMATIC FIRE DETECTION SYSTEM PROVIDED.

SECTION 909 – SMOKE CONTROL SYSTEM SMOKE CONTROL SYSTEM WILL BE PROVIDED IN ALL CELL PODS.

# PROJECT DESCRIPTION

The new Columbia County Detention Facility is to be built at the current Jail Complex located at in 389 QUINTEN ST LAKE CITY, FL 32055

> Housing Pod C: Will have 256 beds with the capability for an additional 8 upper bunks in segregation cells.

> Total bed count for life safety planning = 264

The building shell will be constructed of a pre-engineered metal building system with a standing seam metal roof and skylights. The individual cells will be constructed of precast concrete. Interior security walls & walls dividing dormitory dayrooms shall be security level CMU. All required security walls and ceilings shall be installed to provide for a complete and secure perimeter.

The site-work will include:

On grade Mechanical Equipment pads On Grade Transformer and Generator Pads Partially filling of low lying areas

Partial demolition of existing Sanitary and Storm Drains Installation of all required underground utilities and infrastucture

Sanitary connection to existing forced main Installation of new fire riser and fire hydrant water supply lines as required by Local Fire Marshal

relocation of existing site lighting New sidewalks, security fencing, site-lighting and related site signage

## **AUTHORITIES HAVING JURISDICTION** REQUIRED APPROVALS

- COLUMBIA COUNTY FIRE AND RESCUE FIRE AND LIFE SAFETY - FLORIDA MODEL JAIL STANDARDS (FMJS) - COLUMBIA COUNTY BUILDING DEPARTMENT BUILDING CODE COMPLIANCE - COLUMBIA COUNTY ENVIRONMENTAL SERVICES FOOD SERVICE

### APPLICABLE CODES

APPLICABLE CODES

2017 FLORIDA BUILDING CODE (FBC) 2015 NFPA 101 LIFE SAFETY CODE

2015 FIRE CODE

AMERICANS WITH DISABILITIES ACT 2010 AMERICANS WITH DISABILITIES ACT STANDARDS

2012 FLORIDA ACCESSIBILITY CODE

NOTED STANDARDS:
2013 NFPA 13 Standards for the Installation of Sprinkler Systems 2013 NFPA 14 Standards for the Installation of Standpipe and Hose Systems 2013 NFPA 17 Standards for Dry Chemical Extinguishing Systems

2013 NFPA 17A Standards for Wet Chemical Extinguishing Systems 2013 NFPA 20 Standards for the Installation of Stationary Pumps for Fire Protection 2013 NFPA 22 Standard for Water Tanks for Private Fire Protection Alerts 2013 NFPA 24 Standard for the Installation of Private Fire Service Mains and Their Appurtenances

2013 NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems 2013 NFPA 54 National Fuel Gas Code 2013 NFPA 72 National Fire Alarm and Signaling Code - Refer to UL STD 1971 for "Visual Devices"

2007 NFPA 80 Standard for Fire Doors and Other Opening Protectives 2013 NFPA 110 Standard for Emergency and Standby Power Systems 2012 NFPA 2001 Standard for Clean Agent Fire Extinguishing Systems

Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment 2003 UL 464 Standards for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories Standard for Heat Detectors for Fire Protective Signaling Systems 1999 UL 521

## DEFERRED SUBMITTALS

(INFORMATION INCLUDED FOR ITEMS LISTED BELOW SHOULD BE CONSIDERED SCHEMATIC & FOR REFERENCE ONLY. CONSTRUCTION OF ITEMS LISTED BELOW SHALL BE PER FINAL SFM APPROVED SUBMITTALS)

1. FIRE ALARM SYSTEM

2. AUTOMATIC FIRE SPRINKLER SYSTEM (ABOVE GROUND) 3. CODE REQUIRED PHYSICAL BUILDING SIGNAGE

(NOT INCLUDING: ELECTRICAL, EMERGENCY & EGRESS SIGNAGE) 4. SMOKE CONTROL SYSTEM

# **ACCESSIBILITY ANALYSIS**

## **GENERAL ACCESSIBILITY ANALYSIS:**

203.3 RAISED AREAS – AREAS RAISED PRIMARILY FOR PURPOSES OF SECURITY, LIFE SAFETY, OR FIRE SAFETY, INCLUDING BUT NOT LIMITED TO, OBSERVATION OR LOOKOUT GALLERIES, PRISON GUARD TOWERS, FIRE TOWERS, OR LIFE GUARD STANDS SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE.

203.5 MACHINERY SPACES - SPACES FREQUENTED ONLY BY SERVICE PERSONNEL FOR MAINTENANCE, REPAIR, OR OCCASIONAL MONITORING OF EQUIPMENT SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE. MACHINERY SPACES INCLUDE, BUT ARE NOT LIMITED TO, ELEVATOR PITS OR ELEVATOR PENTHOUSES; MECHANICAL, ELECTRICAL OR COMMUNICATIONS EQUIPMENT ROOMS: PIPING OR EQUIPMENT CATWALKS; WATER OR SEWAGE TREATMENT PUMP ROOMS AND STATIONS: ELECTRIC SUBSTATIONS AND TRANSFORMER VAULTS; AND HIGHWAY AND TUNNEL UTILITY FACILITIES.

203.7 DETENTION AND CORRECTIONAL FACILITIES - IN DETENTION AND CORRECTIONAL FACILITIES, COMMON USE AREAS THAT ARE USED ONLY BY INMATES OR DETAINEES AND SECURITY PERSONNEL AND THAT DO NOT SERVE HOLDING CELLS OR HOUSING CELLS REQUIRED TO COMPLY WITH 232, SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE.

232 DETENTION FACILITIES & CORRECTIONAL FACILITIES - THIS PROJECT SHALL COMPLY WITH ADA SECTION 35.151 OF 28 CFR PART 35 (K) (1) AND PROVIDE HOUSING UNITS WITH ACCESSIBILITY FEATURES WITH AT LEAST 2% WITH MOBILITY FEATURES PER 232.2.1: AND AT LEAST 2% WITH COMMUNICATION FEATURES PER 232.2.2.

CODE EXCEPTION: 18-ADA-2013-08-23 -- 50% REACH RANGE DOES NOT APPLY TO UPPER CABINETS.

EGRESS LEGEND:

OCCUPANT LOAD

-NUMBER OF OCCUPANTS GOING THRU AN EGRESS DOOR OR THRU AN EGRESS -MAX. NUMBER OF OCCUPANTS ALLOWED PER

> CODE THRU AN EGRESS DOOR / EGRESS STAIR TRAVEL DISTANCE TO NODE OR EXIT

> > POINT INDICATES TWO PATHS OF EGRESS

(REFER TO EGRESS PATH SCHEDULE)

FIRE EXTINGUISHER LEGEND:

FIRE EXTINGUISHER  $\stackrel{ullet}{\blacksquare}$ FIRE EXTINGUISHER (FEC-1) **FULLY RECESSED** (FEC-2) FIRE EXTINGUISHER

SEMI RECESSED FIRE EXTINGUISHER SURFACE MOUNTED

### RATED CONSTRUCTION LEGEND:

SMOKE PARTITION - NON FIRE RATED (FBC SECTION 710)

1 HOUR FIRE RESISTANCE RATED PARTITION (FBC SECTION 708) 20 MIN. OPENING PROTECTION

1 HOUR FIRE RESISTANCE RATED FIRE BARRIER (FBC SECTION 707) 45 MIN OPENING PROTECTION 1296 SI MAX 1 HOUR FIRE RESISTANCE RATED SMOKE BARRIER (FBC SECTION 709) 45 MIN OPENING PROTECTION 1296 SI MAX &

2 HOUR FIRE RESISTANCE RATED FIRE BARRIER (FBC SECTION 707) 90 MIN OPENING PROTECTION 100 SI MAX.

2 HOUR FIRE RESISTANCE RATED HORIZONTAL EXIT (FBC SECTION 1024) 90 MIN OPENING PROTECTION 100 SI MAX. 3 HOUR FIRE RESISTANCE RATED FIRE BARRIER

2 HOUR FIRE RESISTANCE RATED FIRE WALL (FBC SECTION 706) REFER TO TABLE 716.5 FOR OPENING PROTECTION 3 HOUR FIRE RESISTANCE RATED FIRE WALL

(FBC SECTION 706) REFER TO TABLE 716.5 FOR OPENING PROTECTION

RATED CORRIDOR

# LIFE SAFETY GENERAL NOTES:

CODE COMPLIANCE GENERAL NOTES PROJECT SHALL REMAIN IN COMPLIANCE WITH ALL ASPECTS OF ALL GOVERNING CODES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING ALL REQUIRED SHOP DRAWINGS AND CUTSHEETS FOR LIFE SAFETY SYSTEM COMPONENTS AND FIRE RATED ASSEMBLIES TO THE LOCAL AUTHORITY HAVING JURISDICTION. . CONTRACTOR SHALL ORGANIZE A MEETING WITH THE LOCAL AUTHORITY HAVING JURISDICTION TO REVIEW THE LOCATIONS OF ALL LIFE SAFETY DEVICES AND EQUIPMENT PRIOR TO INSTALLATION.

FIRE RESISTANCE RATED CONSTRUCTION GENERAL NOTES

1. ALL FIRE RATED ASSEMBLIES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH TESTED ASSEMBLIES INDICATED AND SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES. . ALL PENETRATIONS THROUGH THE FLOOR DECK, ROOF DECK AND ALL FIRE RATED WALL ASSEMBLIES SHALL BE FIRE SEALED IN ACCORDANCE WITH THE SUPPLIED UL RATED PENETRATION DETAILS & MANUFACTURER'S DETAILS. INSTALLATION SHALL BE APPROPRIATE FOR LOCATION, TYPE OF CONSTRUCTION AND PENETRATING ITEM. PENETRATIONS ARE TO MEET OR EXCEED THE REQUIRED

ANY WALL SECTION WHERE THE WALL DOES NOT EXTEND TO AN INTERSECTING WALL OR THE STRUCTURE ABOVE SHALL BE EXTENDED ACCORDING TO FIRE RESISTANCE RATED CONSTRUCTION GENERAL NOTE 1 TO COMPLETE THE

. ALL NEW PENETRATIONS IN EXISTING RATED CONSTRUCTION SHALL BE SEALED ACCORDING TO THE FIRE RESISTANCE RATED CONSTRUCTION GENERAL NOTE 2 ALL DUCTWORK, DIFFUSERS, AND GRILLES PENETRATING SMOKE OR FIRE RATED ASSEMBLIES SHALL BE INSTALLED WITH AN APPROPRIATE DAMPER. DAMPER SHALL BE APPROPRIATE FOR LOCATION AND TYPE OF CONSTRUCTION. DAMPERS ARE TO MEET OR EXCEED THE REQUIRED RATING. 6. ALL FIXTURES, EQUIPMENT AND DEVICES PENETRATING FIRE RATED ASSEMBLIES SHALL BE UL LISTED FOR INSTALLATION IN THE ASSEMBLY '. NO FIXTURES, EQUIPMENT OR DEVICES SHALL BE INSTALLED IF ITS INSTALLATION WILL COMPROMISE A REQUIRED FIRE RATED ASSEMBLY. E. FOR DESIGNS USING A RETURN PLENUM SYSTEM. ALL FIXTURES, EQUIPMENT. AND DEVICES INSTALLED IN THE RETURN PLENUM SHALL BE PLENUM RATED OR INSTALLED IN PLENUM RATED ENCLOSURES OR CONSTRUCTION.

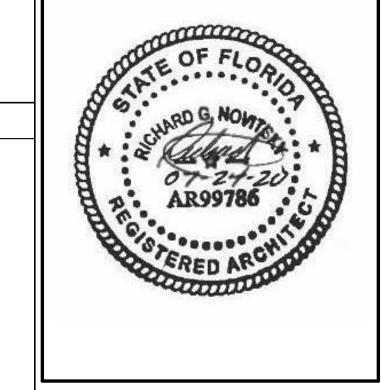
SPECIAL TESTING REQUIREMENTS . SPECIAL TESTING SHALL BE PROVIDED IN ACCORDANCE WITH FBC CHAPTER 17. REFER TO STRUCTURAL PLANS & SPECIFICATIONS FOR TESTING REQUIREMENTS.

SIGNAGE REQUIREMENTS . ALL SIGNAGE REQUIRED PER FBC, NFPA AND THE ACCESSIBILITY CODE SHALL BE PROVIDED. ALL OTHER SIGNAGE SHALL BE BID SEPARATELY AND PERFORMED UNDER A SEPARATE SCOPE OF WORK.

NOTE: LIFE SAFTY PLANS INDICATING INMATE COUNTS, SUCH AS (3) INMATES REFLECT THE NUMBER OF INMATES WITH ANY GIVEN AREA AND DO NOT REFLECT THE OVERALL OCCUPANT LOAD. THE TOTAL NUMBER OF INMATES ARE CALCULATED BASED ON BED COUNTS WITHIN THE HOUSING PODS AND BOOKING

HOLDING CELLS **MARKINGS AND IDENTIFICATION** 

FOR ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS. SMOKE BARRIERS AND SMOKE PARTITIONS: PROVIDE MARKINGS AND IDENTIFICATION ON WALLS PER SECTION 703.7 OF THE FLORIDA BUILDING CODE LOCATE MARKINGS ABOVE CEILINGS WHERE APPLICABLE SEE G SERIES OF DRAWINGS FOR THE BUILDING CODE PLANS AND WALL LOCATIONS.



Dewberry\*

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN

THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE

PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**DEWBERRY ARCHITECTS INC** 

8401 ARLINGTON BLVD

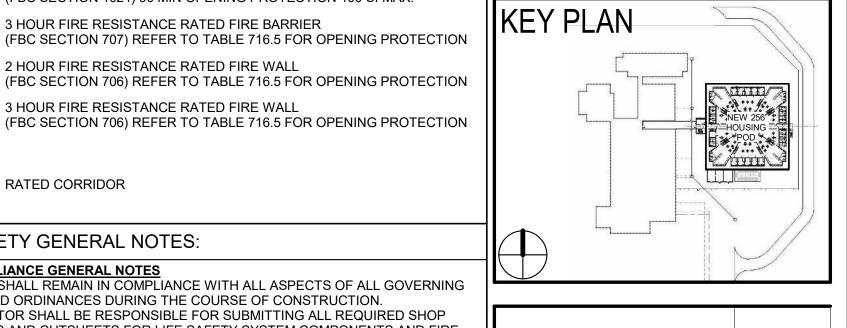
f +1 407.649.8664

f +1 904-262-8623

Suite 1000, Orlando, FL

Jacksonville, Fl. 32257

Professional Seals



TENTION FACILITY City, FL 32055 OUN COUNTY BOARD OF COMMISSIONERS DET ake COUNTY inten St,  $\ddot{o}$ UMBIA NW Qui OLUMBIA 389 389

As indicated

SCALE

Description

ISSUED FOR PERMIT 7-24-2020 **REVISIONS** DRAWN BY R NOVITSKY APPROVED BY **R NOVITSKY** 

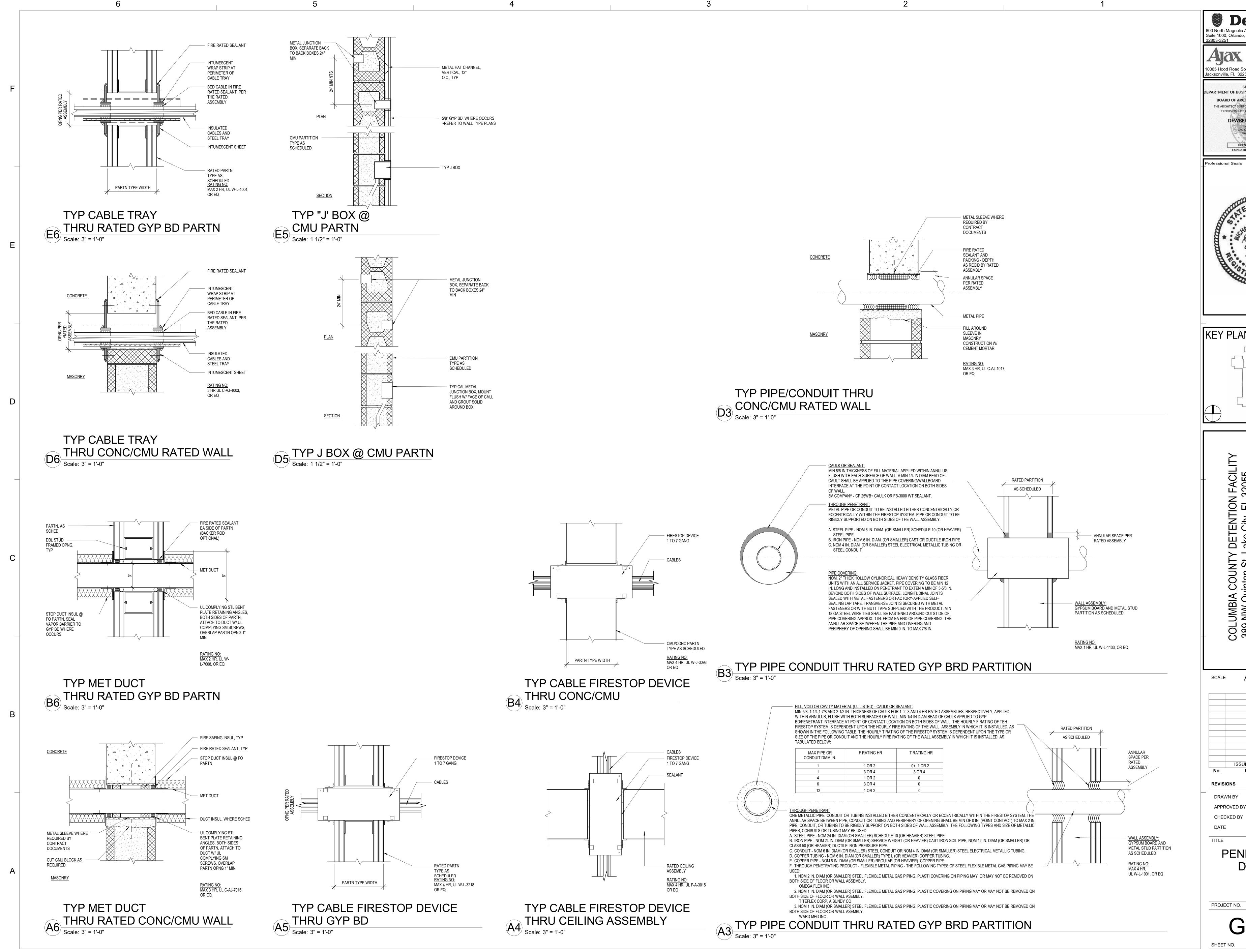
CHECKED BY B HALL DATE JULY 24, 2020

**CODE SUMMARY** 

PROJECT NO. 50101397

**DESTROY AFTER USE** 

**Standpipe Systems** Section 905 Section 9.10 Not Required Not Required Fire Alarm / Detection Systems Section 907 Section 9.6 Provided Provided



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Jacksonville, Fl. 32257

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KEY PLAN

COUNTY BOARD OF COMMISSIONERS

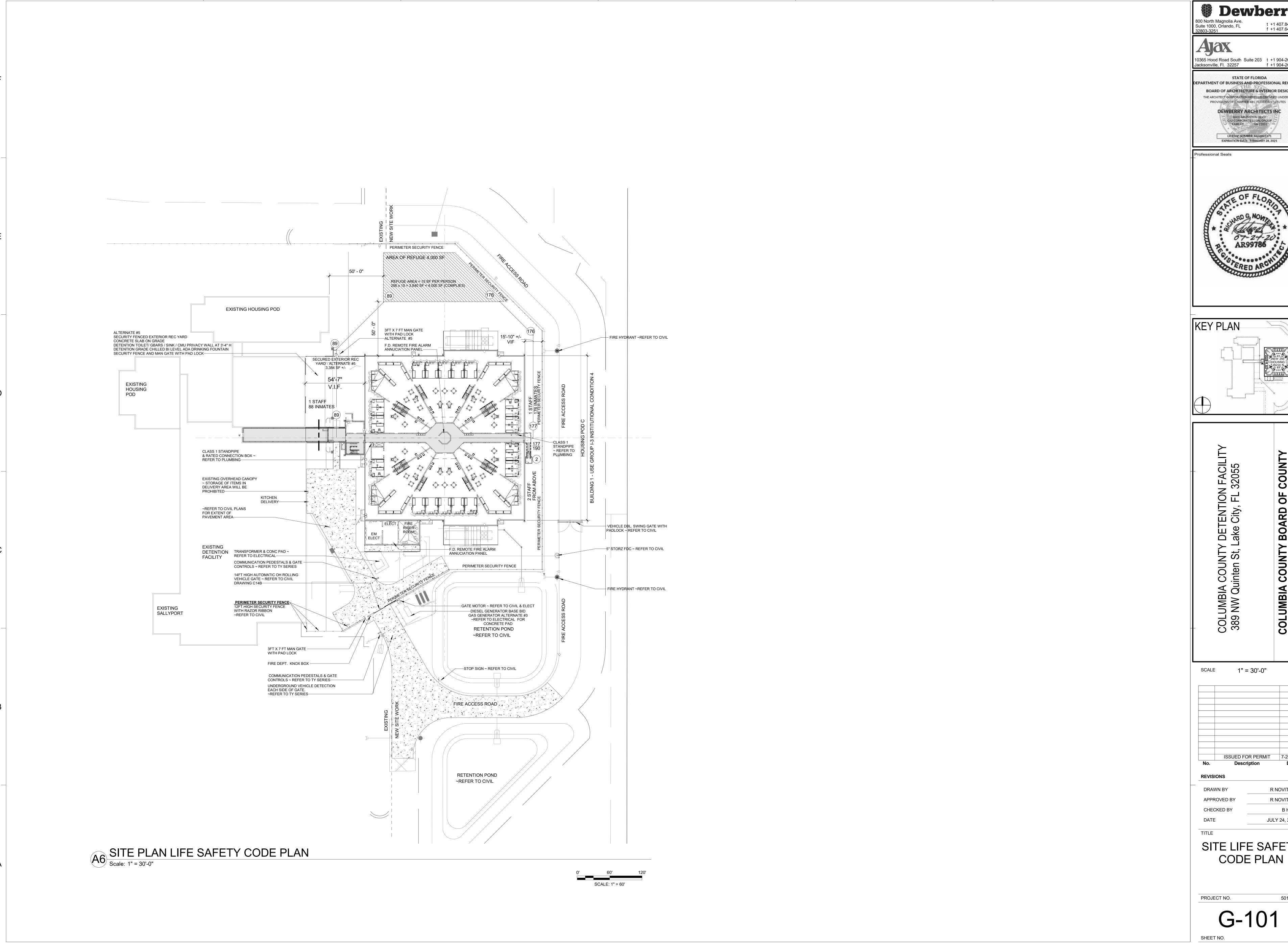
As indicated ISSUED FOR PERMIT R NOVITSKY

> B HALL 07-24-2020

B HALL

PENETRATION **DETAILS** 

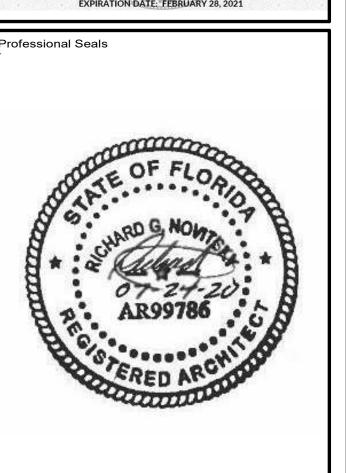
50101397

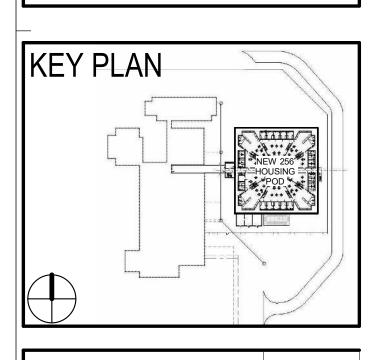


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10365 Hood Road South Suite 203 t +1 904-262-8660 f +1 904-262-8623

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE & INTERIOR DESIGN THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES





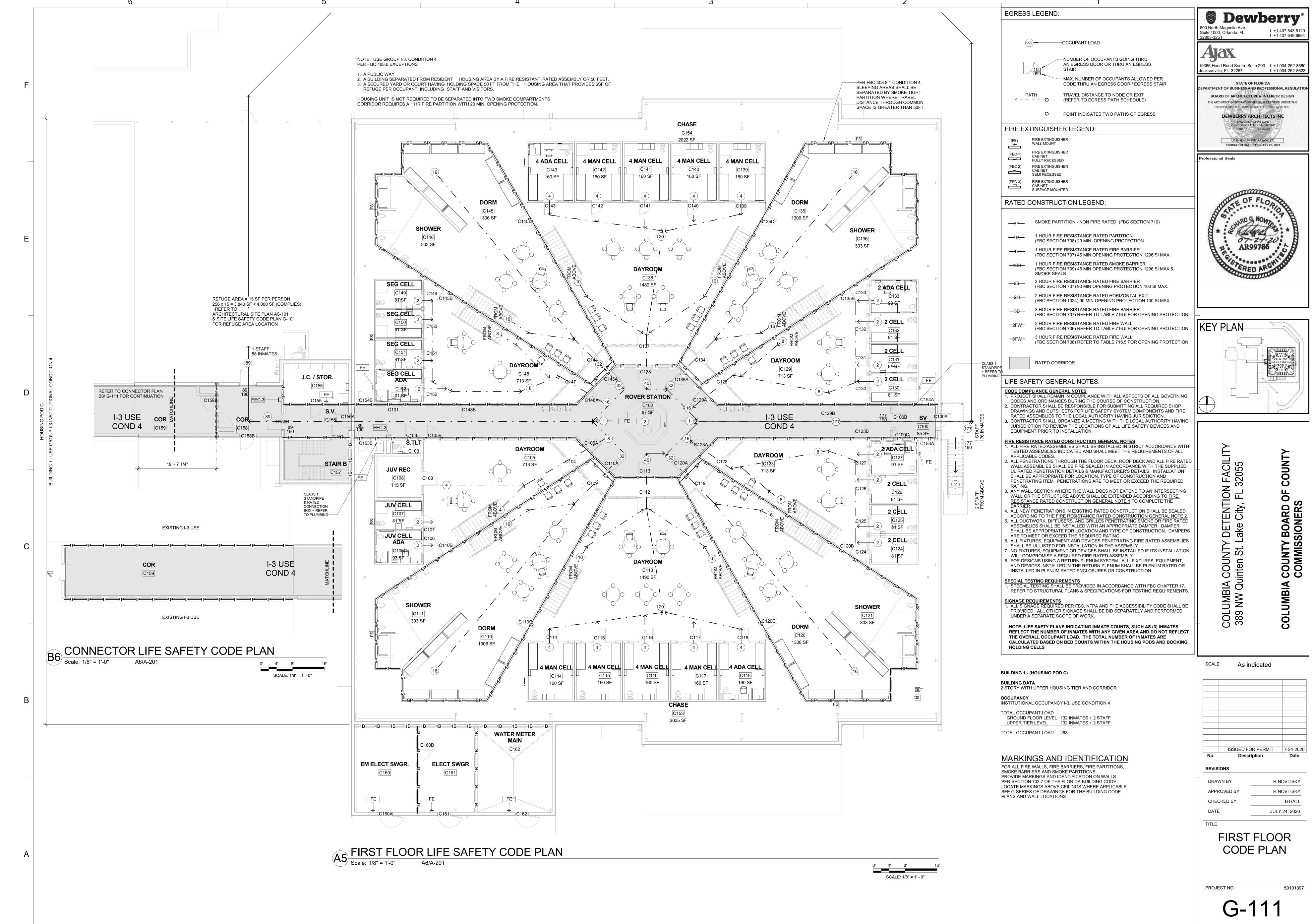
COUNTY BOARD OF COMMISSIONERS

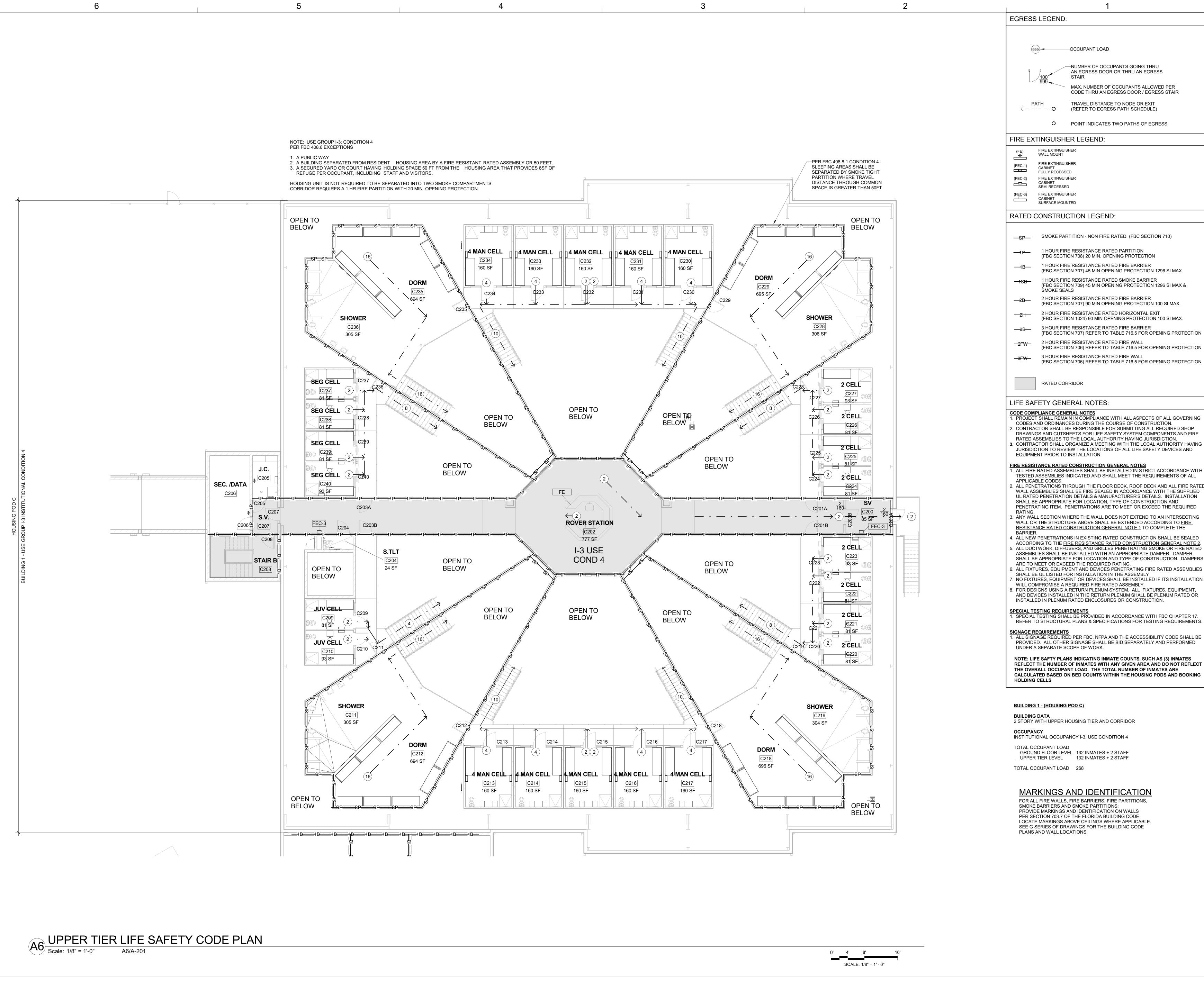
SCALE	1" =	= 30'-0"			
	ISSUED FOR PERMIT			7-24-2020	
No.	Descr	Description		Date	
REVIS	IONS				
DRAWN BY		R NOVITSKY			
APPROVED BY		R NOVITSKY			
CHECKED BY		B HALL			

SITE LIFE SAFETY

JULY 24, 2020

50101397





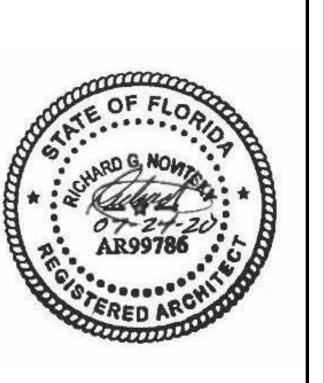
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Jacksonville, Fl. 32257 f +1 904-262-8623 STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE & INTERIOR DESIGN THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE

PROVISIONS OF CHAPTER 481, FLORIDA STATUTES DEWBERRY ARCHITECTS INC

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TENTION FACILITY City, FL 32055

COLUMBIA 389 NW Qu

COUNTY BOARD OF COMMISSIONERS

CODE COMPLIANCE GENERAL NOTES

PROJECT SHALL REMAIN IN COMPLIANCE WITH ALL ASPECTS OF ALL GOVERNING CODES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING ALL REQUIRED SHOP DRAWINGS AND CUTSHEETS FOR LIFE SAFETY SYSTEM COMPONENTS AND FIRE RATED ASSEMBLIES TO THE LOCAL AUTHORITY HAVING JURISDICTION. 3. CONTRACTOR SHALL ORGANIZE A MEETING WITH THE LOCAL AUTHORITY HAVING JURISDICTION TO REVIEW THE LOCATIONS OF ALL LIFE SAFETY DEVICES AND

CODE THRU AN EGRESS DOOR / EGRESS STAIR

FIRE RESISTANCE RATED CONSTRUCTION GENERAL NOTES

1. ALL FIRE RATED ASSEMBLIES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH TESTED ASSEMBLIES INDICATED AND SHALL MEET THE REQUIREMENTS OF ALL

ALL PENETRATIONS THROUGH THE FLOOR DECK, ROOF DECK AND ALL FIRE RATED WALL ASSEMBLIES SHALL BE FIRE SEALED IN ACCORDANCE WITH THE SUPPLIED UL RATED PENETRATION DETAILS & MANUFACTURER'S DETAILS. INSTALLATION SHALL BE APPROPRIATE FOR LOCATION, TYPE OF CONSTRUCTION AND PENETRATING ITEM. PENETRATIONS ARE TO MEET OR EXCEED THE REQUIRED

. ANY WALL SECTION WHERE THE WALL DOES NOT EXTEND TO AN INTERSECTING WALL OR THE STRUCTURE ABOVE SHALL BE EXTENDED ACCORDING TO <u>FIRE</u> <u>RESISTANCE RATED CONSTRUCTION GENERAL NOTE 1</u> TO COMPLETE THE

1. ALL NEW PENETRATIONS IN EXISTING RATED CONSTRUCTION SHALL BE SEALED ACCORDING TO THE FIRE RESISTANCE RATED CONSTRUCTION GENERAL NOTE 2 5. ALL DUCTWORK, DIFFUSERS, AND GRILLES PENETRATING SMOKE OR FIRE RATED ASSEMBLIES SHALL BE INSTALLED WITH AN APPROPRIATE DAMPER. DAMPER SHALL BE APPROPRIATE FOR LOCATION AND TYPE OF CONSTRUCTION. DAMPERS

ARE TO MEET OR EXCEED THE REQUIRED RATING. ALL FIXTURES, EQUIPMENT AND DEVICES PENETRATING FIRE RATED ASSEMBLIES SHALL BE UL LISTED FOR INSTALLATION IN THE ASSEMBLY . NO FIXTURES, EQUIPMENT OR DEVICES SHALL BE INSTALLED IF ITS INSTALLATION

WILL COMPROMISE A REQUIRED FIRE RATED ASSEMBLY. FOR DESIGNS USING A RETURN PLENUM SYSTEM. ALL FIXTURES, EQUIPMENT, AND DEVICES INSTALLED IN THE RETURN PLENUM SHALL BE PLENUM RATED OR INSTALLED IN PLENUM RATED ENCLOSURES OR CONSTRUCTION.

SPECIAL TESTING REQUIREMENTS

. SPECIAL TESTING SHALL BE PROVIDED IN ACCORDANCE WITH FBC CHAPTER 17. REFER TO STRUCTURAL PLANS & SPECIFICATIONS FOR TESTING REQUIREMENTS.

 ALL SIGNAGE REQUIRED PER FBC, NFPA AND THE ACCESSIBILITY CODE SHALL BE PROVIDED. ALL OTHER SIGNAGE SHALL BE BID SEPARATELY AND PERFORMED UNDER A SEPARATE SCOPE OF WORK.

NOTE: LIFE SAFTY PLANS INDICATING INMATE COUNTS, SUCH AS (3) INMATES REFLECT THE NUMBER OF INMATES WITH ANY GIVEN AREA AND DO NOT REFLECT THE OVERALL OCCUPANT LOAD. THE TOTAL NUMBER OF INMATES ARE CALCULATED BASED ON BED COUNTS WITHIN THE HOUSING PODS AND BOOKING

2 STORY WITH UPPER HOUSING TIER AND CORRIDOR

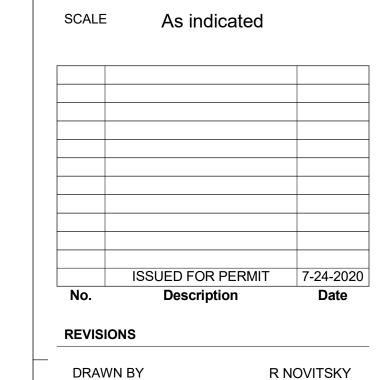
INSTITUTIONAL OCCUPANCY I-3, USE CONDITION 4

GROUND FLOOR LEVEL 132 INMATES + 2 STAFF UPPER TIER LEVEL 132 INMATES + 2 STAFF

TOTAL OCCUPANT LOAD 268

# MARKINGS AND IDENTIFICATION

FOR ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS; PROVIDE MARKINGS AND IDENTIFICATION ON WALLS PER SECTION 703.7 OF THE FLORIDA BUILDING CODE LOCATE MARKINGS ABOVE CEILINGS WHERE APPLICABLE. SEE G SERIES OF DRAWINGS FOR THE BUILDING CODE

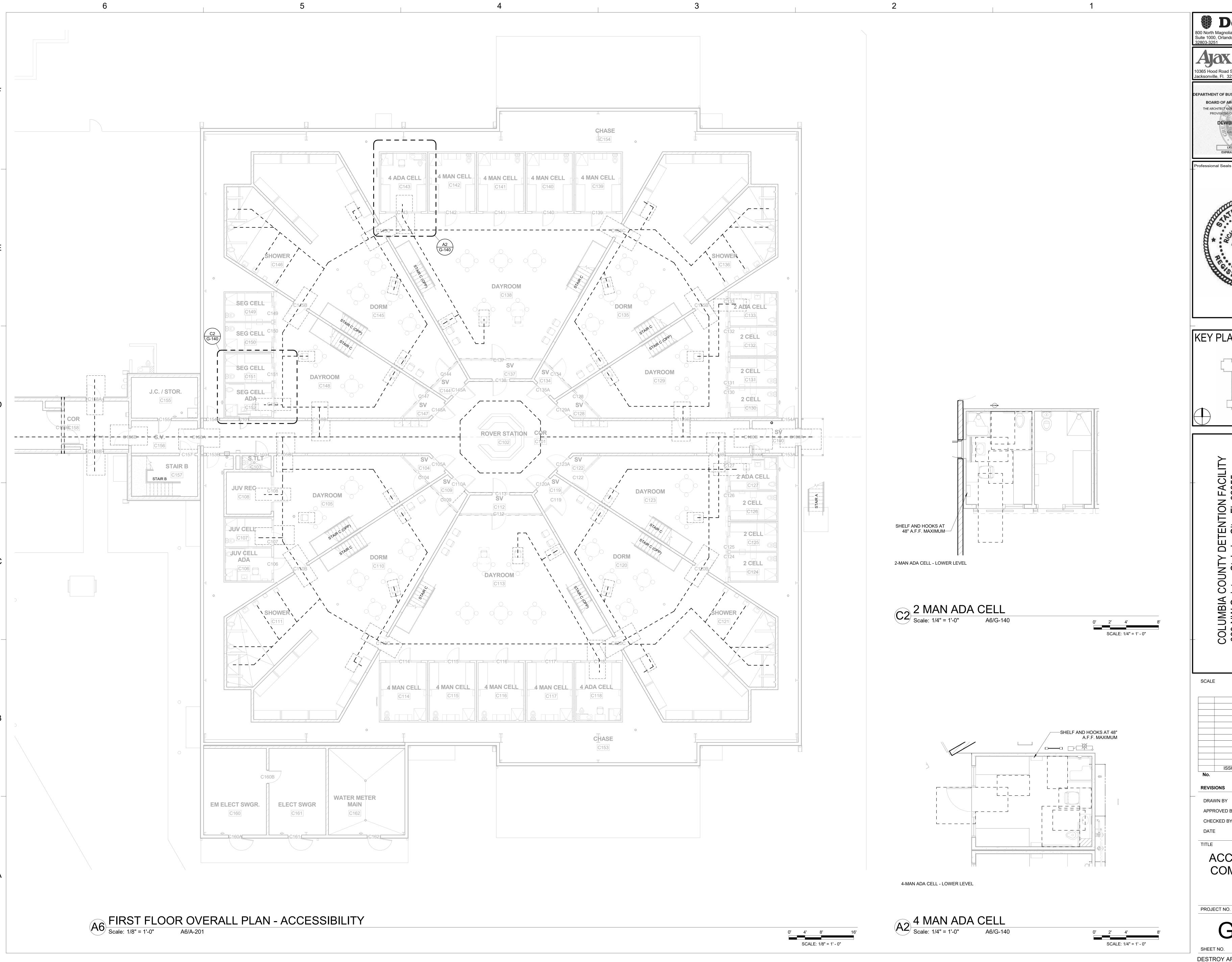


APPROVED BY R NOVITSKY CHECKED BY B HALL DATE JULY 24, 2020

> **UPPER TIER** CODE PLAN

> > 50101397

PROJECT NO.

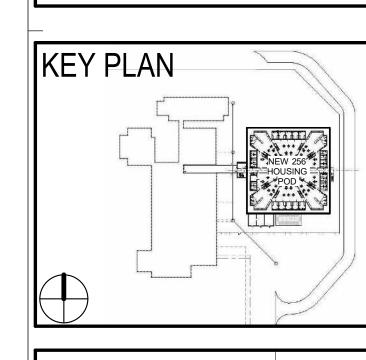


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Jacksonville, Fl. 32257 f +1 904-262-8623

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE & INTERIOR DESIGN THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

Professional Seals

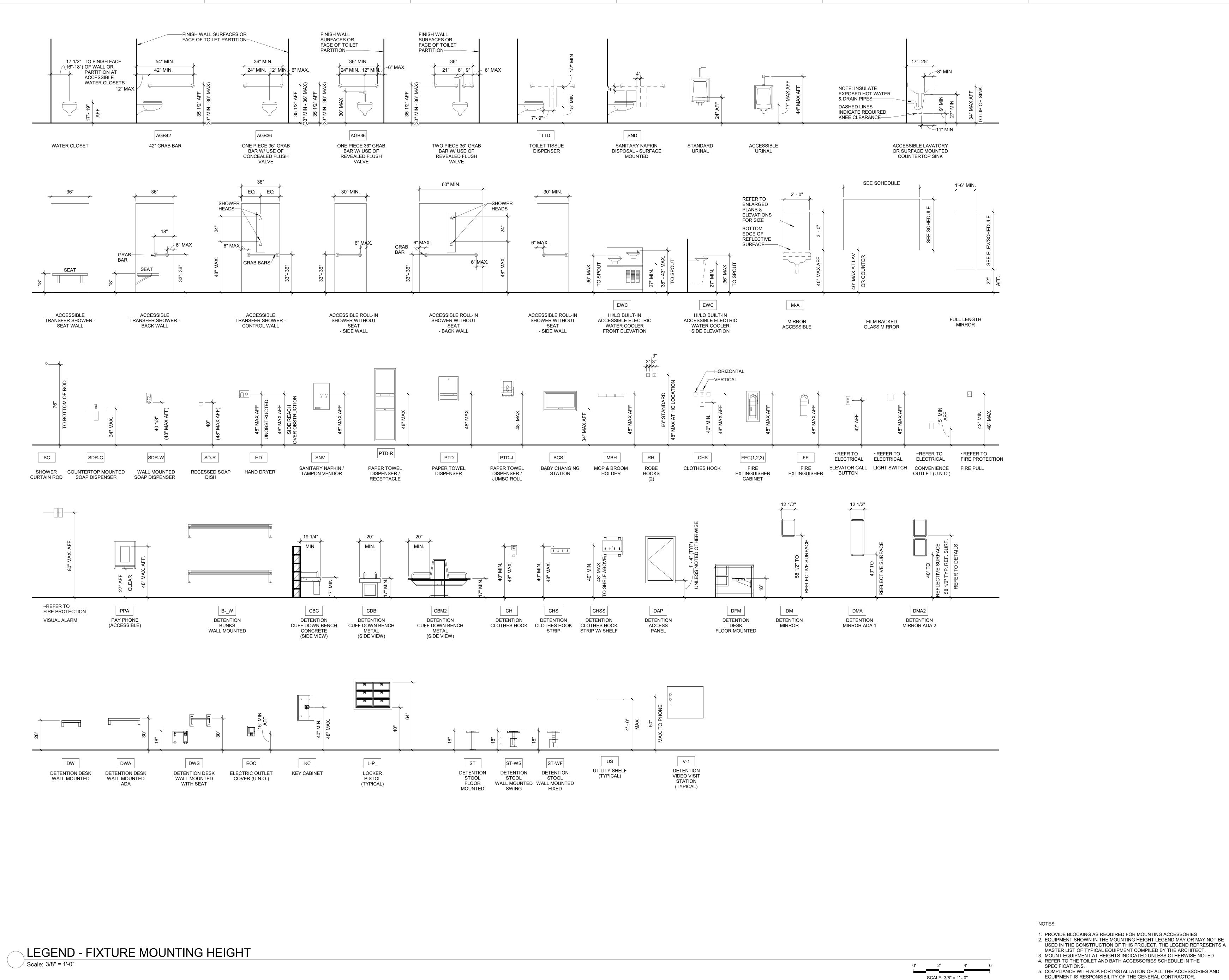


COLUMBIA COUNTY DETENTION FACILITY 389 NW Quinten St, Lake City, FL 32055 COUNTY BOARD OF COMMISSIONERS

As indicated ISSUED FOR PERMIT 7-24-2020 **REVISIONS** R NOVITSKY DRAWN BY R NOVITSKY APPROVED BY CHECKED BY B HALL JULY 24, 2020 DATE ACCESSIBILITY

COMPLIANCE -PLAN

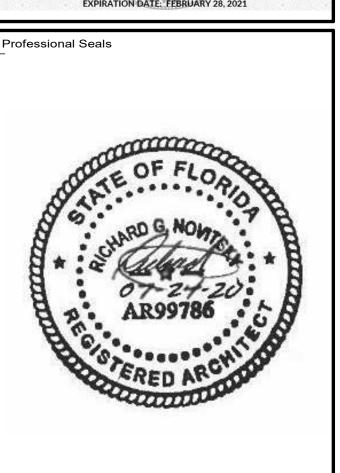
50101397 G-140

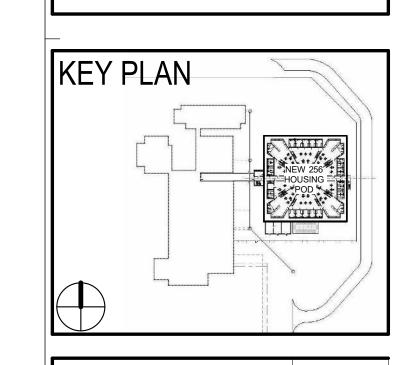


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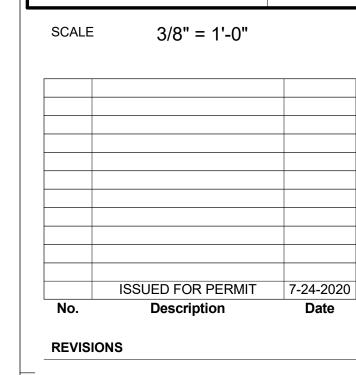
10365 Hood Road South Suite 203 t +1 904-262-8660 Jacksonville, Fl. 32257 f +1 904-262-8623

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COLUMBIA COUNTY DETENTION FACILITY 389 NW Quinten St, Lake City, FL 32055 COUNTY BOARD OF COMMISSIONERS



R NOVITSKY APPROVED BY R NOVITSKY CHECKED BY B HALL

DATE JULY 24, 2020

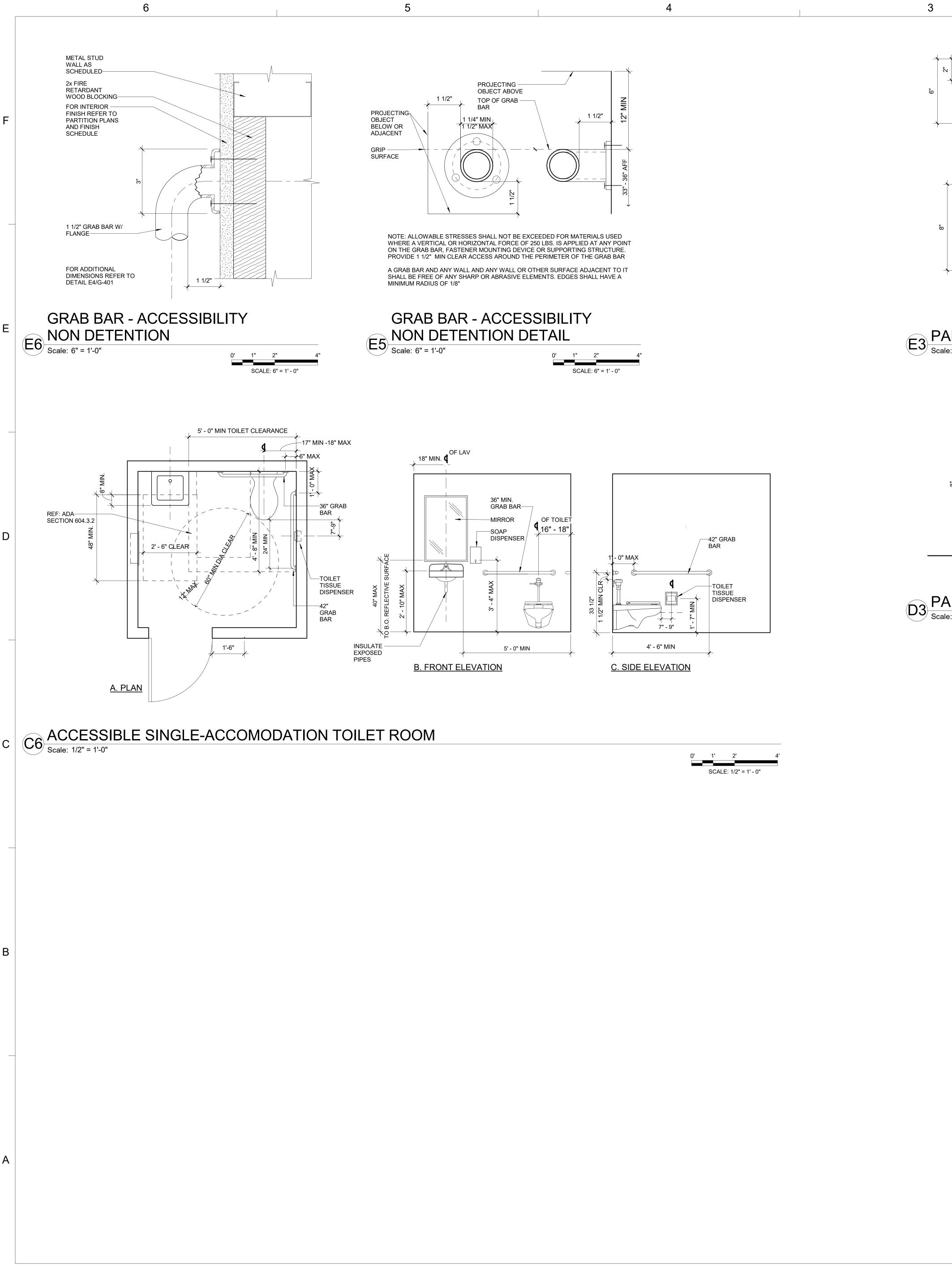
TYPICAL FIXTURE MOUNTING HEIGHTS

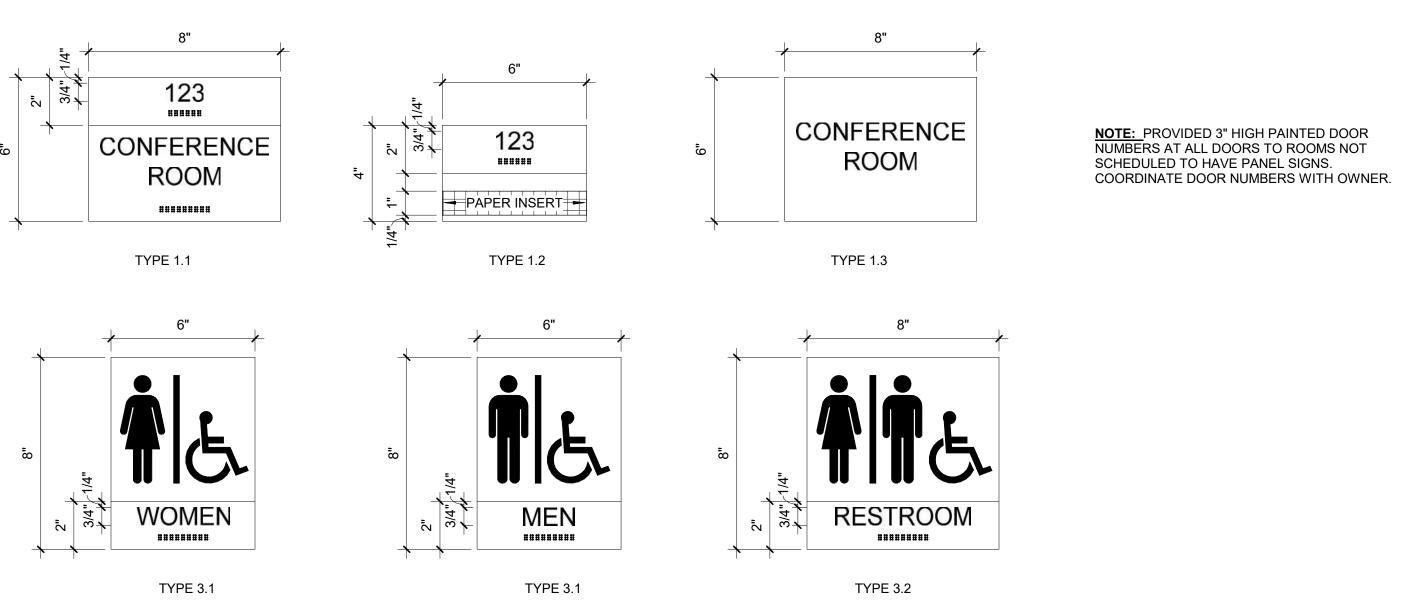
50101397

PROJECT NO.

DESTROY AFTER USE

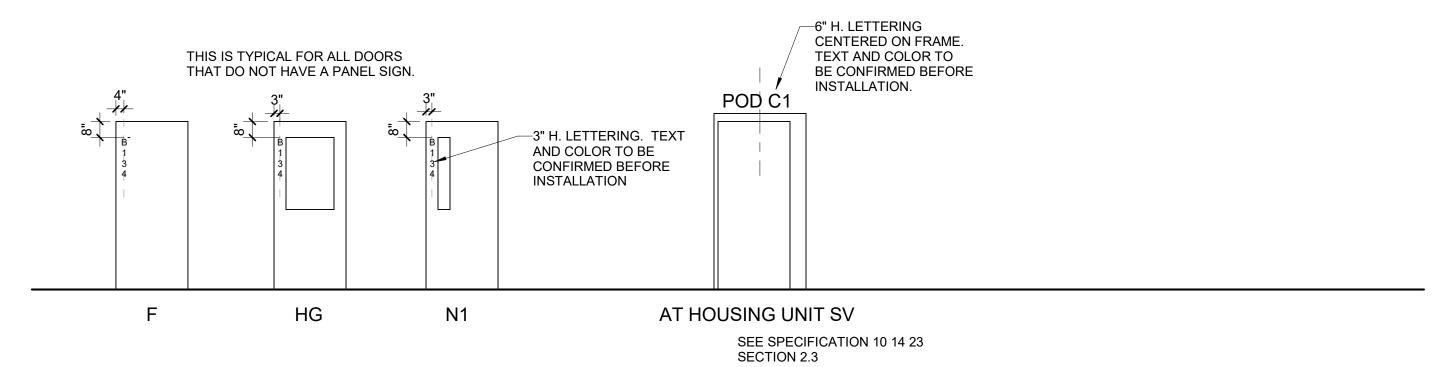
5. COMPLIANCE WITH ADA FOR INSTALLATION OF ALL THE ACCESSORIES AND EQUIPMENT IS RESPONSIBILITY OF THE GENERAL CONTRACTOR.





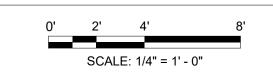
PANEL SIGN TYPES

Scale: 3" = 1'-0"



PAINTED SIGNAGE AT DOORS

| Scale: 1/4" = 1'-0"



SCALE: 3" = 1' - 0"

MARKINGS AND IDENTIFICATION FOR ALL FIRE WALLS. FIRE BARRIERS. FIRE PARTITIONS. SMOKE BARRIERS AND SMOKE PARTITIONS; PROVIDE MARKINGS AND IDENTIFICATION ON WALLS PER SECTION 703.7 OF THE FLORIDA BUILDING CODE LOCATE MARKINGS ABOVE CEILINGS WHERE APPLICABLE. SEE G SERIES OF DRAWINGS FOR THE BUILDING CODE

# NOTES:

SPECIFICATIONS.

PLANS AND WALL LOCATIONS.

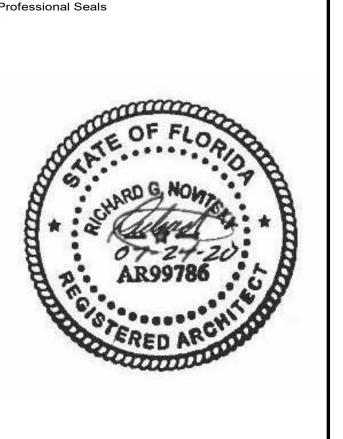
1. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING ACCESSORIES

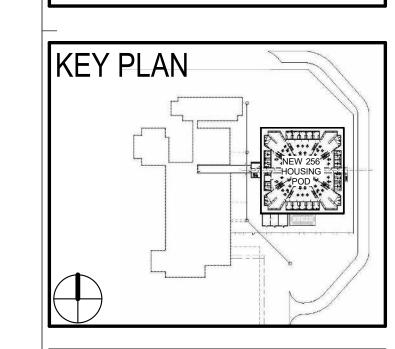
4. REFER TO THE TOILET AND BATH ACCESSORIES SCHEDULE IN THE

- 2. EQUIPMENT SHOWN IN THE MOUNTING HEIGHT LEGEND MAY OR MAY NOT BE USED IN THE CONSTRUCTION OF THIS PROJECT. THE LEGEND REPRESENTS A MASTER LIST OF TYPICAL EQUIPMENT COMPILED BY THE ARCHITECT. 3. MOUNT EQUIPMENT AT HEIGHTS INDICATED UNLESS OTHERWISE NOTED
- 5. COMPLIANCE WITH ADA FOR INSTALLATION OF ALL THE ACCESSORIES AND EQUIPMENT IS RESPONSIBILITY OF THE GENERAL CONTRACTOR.

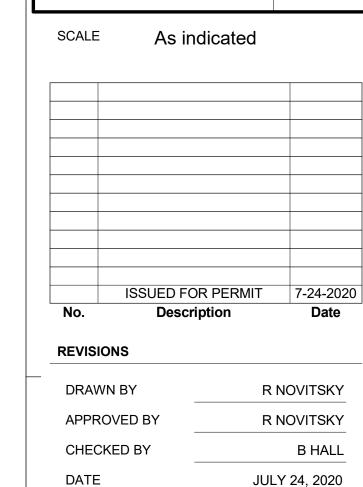
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COUNTY BOARD OF COUNTONNISSIONERS



**TYPICAL** ACCESSIBILITY & SIGNAGE **DETAILS** 

PROJECT NO. 50101397