



**RFP #415-22 DAWSON COUNTY PUBLIC SAFETY RADIO COMMUNICATIONS SYSTEM UPGRADE  
ADDENDUM #2**

**Bid Closing Date:** **April 27, 2023, at 10:30AM, EST**  
**Bid Issue Date:** December 27, 2022  
**Addendum Issue Date:** February 8, 2023  
**By:** Melissa Hawk, Purchasing Manager

**The following are amendments to the RFP #415-22 Dawson County Public Safety Radio Communications System:**

1. The bid due date, specifications, terms and conditions remain the same as posted in the RFP document.

**The following are questions and answers to the RFP #415-22 Dawson County Public Safety Radio Communications System:**

**QUESTION:** Can the County share the radio communications needs assessment report Federal Engineering prepared for the County?

**ANSWER:** Due to the highly sensitive information contained within, the Federal Engineering Report will be available but, only to the awarded proposer and only after a contractor confidentiality and disclosure agreement is in place.

**QUESTION:** Please confirm the County's expectation is for 6 physical 7/800MHz RF channels allowing for 10 TDMA talk paths.

**ANSWER:** Correct, the proposed system shall contain six physical channels/frequency pairs.

**QUESTION:** Can the County provide existing TDM circuit IDs and endpoints?

**ANSWER:** Proposers should assume that there are no existing TDM circuits to consider.

**QUESTION:** Can the County provide floor plans for the applicable building(s) per location listed in the Appendix A?

**ANSWER:** Please see the **attached plans**.

**QUESTION:** If available, we would request structural drawings for the water tank including mounting poles attached to the tank and underground limitations that impact buried cable run from shelter to water tank. Does the Water Authority require all antennas and microwave dishes to mount on the two provided poles? Can microwave antenna(s) be mounted to the railing with contractor engineered and designed mounting?

**ANSWER:** Please see the **attached plans** provided by the Etowah Water and Sewer Authority (EWSA). I have been informed by EWSA that this is the best information they have for the site but, does not fully answer the question.

The Etowah Water and Sewer Authority only has one pole at this site and is for the Authority's use only. Any additional antennas and microwave dishes are to be mounted on one or more separate poles.

Yes, anything mounted must be engineered and design mounting. The Etowah Water and Sewer Authority **must** approve any design prior to installation.

**QUESTION:** Does the County have connectivity to existing sites that can/should be considered in the RF solution? Is the County planning to extend this connectivity to the new EOC and can the County provide its fiber/Ethernet connectivity layout plan? Is the existing 911 Dispatch Center connected by an Ethernet link to RF site(s)?

**ANSWER:** Proposers shall assume that new connectivity must be provided as part of the solution and that there are no existing links to reuse.

**QUESTION:** Can the County distribute the pre-proposal sign in sheet.

**ANSWER:** The pre-proposal sign in sheet has been posted to the County Vendor Registry and the Georgia Procurement Registry System since January 11, 2023. The link is provided below for the County Vendor Registry.

<https://vrapp.vendorregistry.com/Bids/View/Bid/f2aa3a91-b60a-4fb8-8d1f-5c620a7dcc1d>

**QUESTION:** Can the County confirm that they will provide the temporary backhaul if the new E911/EOC building has not been completed?

**ANSWER:** Proposers shall provide the temporary backhaul solution.

**QUESTION:** In relation to 5.2. Frequency Coordination and Licensing. During the site walks it was apparent that two of the proposed site locations are outside of Dawson County. With these Sites being outside of the county, it will be difficult to meet the state Requirements for 700MHz license contours. Has the county contacted the State of Georgia as to the feasibility of licensing in the 700MHz band with the use of these sites?

**ANSWER:** No, the County has not contacted the State of Georgia. It is the County's understanding that the Regional Planning Committee (RPC) will do what it reasonably can to accommodate requests that show adequate interference protection to incumbent licensees and to the pool allotment. Proposers are free to contact the Georgia Region 10 Office for their determination. The contact information is Howell McKinnon – Chairperson – [chairregion10rpc2021@gmail.com](mailto:chairregion10rpc2021@gmail.com) and Mike Ward – Vice Chairperson – [vicechairregion10rpc2021@gmail.com](mailto:vicechairregion10rpc2021@gmail.com)

**QUESTION:** In relation to Proposal Requirements Item Tab E: Compliance Matrix. The County states where compliance statements are limited to but three choices: Comply; Comply with Clarification; Exception. In some instances, a vendor will develop solutions leveraging new techniques, equipment, and processes that materially exceed the minimum requirements described by an RFP's Specifications. Normally these innovative aspects are brought to the evaluation team's attention by the vendor claiming

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RFP #415-22 Dawson County Public Safety Radio Communications System Upgrade

an 'Exceeds' while providing details on how the vendor's response materially enhances performance, reliability or capability as compared to a Specification's minimum requirement(s). Therefore, is it acceptable to note such enhanced capabilities as 'Exceeds' within the Compliance Matrix? Is it acceptable to present aspects that provide 'Exceeds' capabilities within a vendor' point-by-point RFP response? Within its evaluation process, will the County grant extra point credit for those aspects within a proposed solution that materially exceed and so provide enhanced reliability, performance, coverage, etc. to the County as compared to a competitive solution that merely meets the RFP Specification's minimum objectives.

**ANSWER:** The Proposers shall follow instructions contained within Section II General Conditions, Tab E beginning on page 17 of the RFP document. The compliance matrix does not have a column that indicates "Exceeds".

Yes, it is acceptable for Proposers to indicate Comply and add comments within the Clarification column detailing how the vendor feels their solution exceeds the requirement.

The evaluation process is completed individually by each reviewer. Therefore, the County cannot state that "extra point credit" will be awarded. However, items exceeding a specific requirement may score higher than items merely meeting a specific requirement. It is expected that a proposal that is less compliant but, exceeds in a few items would score less than the proposal meeting all requirements. Proposals will be scored based on the category matrix using the maximum point values listed on page 31 of the RFP document.

**QUESTION:** Tab D - Qualifications of Key Team Members - The County requires that the assigned project safety coordinator has at least four (4) years of practical construction experience. The safety coordinator must have completed a 30-hour OSHA Construction Industry Outreach Training Program and OSHA scaffold training. Can the scaffold training portion of this requirement be waived if the use of scaffolds is not required?

**ANSWER:** This requirement will be evaluated dependent upon each Proposer's approach to the scope of work. If your proposal response does not require scaffolding, this requirement would not pertain to your qualifications.

**QUESTION:** Invoicing: Proposers shall invoice quarterly, by location, including a detailed list of services provided and only after work has been performed (in arrears). Please clarify if the County is requesting quarterly invoicing or payment milestones.

**ANSWER:** In accordance with the instructions, the Contractor shall invoice quarterly for the work completed and accepted. The County is not requesting milestone payments.

**QUESTION:** Record Drawings: Where sanitary sewers or sanitary sewer services have been stubbed out for future use, the invert elevation of the capped or plugged end shall be given to the nearest 0.1 feet. This requirement is not applicable to communication system construction. Can the requirement be removed?

**ANSWER:** Yes, this requirement can be removed and is intended for construction projects.

**QUESTION:** Section 1.1.4 Network Security Requirements - The System backhaul links shall support payload encryption. At a minimum, payload encryption shall be fully compatible with AES and comply with FIPS-197. The AES algorithm shall support 128-bit or 256-bit symmetric keys, via a randomly generated encryption combination. Link Encryption. Is this required at the microwave level or the router level?

**ANSWER:** This is required at the router or network level.

**QUESTION:** 2.3.2 Network Management System (NMS) - C. The NMS shall monitor real time and ensure proper equipment configuration, operation, and integration of existing systems. Please specify existing systems that need to be integrated into the NMS provided with the new radio system.

**ANSWER:** The County's existing Eventide NexLog 740 logging recorder must be integrated with the new NMS. Additionally, 2.3.2.D identifies new components that need to be integrated with the NMS.

**QUESTION:** 2.3.6.4 DC Power Requirements - Are separate DC Plants required for microwave and RF site equipment?

**ANSWER:** No, the microwave and LMR equipment can share the same DC power plant at each location.

**QUESTION:** 5.5 MPLS Traffic Engineering and Router Configuration - The Contractor shall: 4. Develop a traffic management plan to accommodate existing TDM-based circuits and the transition to a system with predominately Ethernet-based circuits. Please clarify the quantity and types of TDM-based circuits required.

**ANSWER:** There are no legacy TDM-based legacy circuits that need to be supported in the new MPLS network since Proposers will be completely replacing the backhaul network.

**QUESTION:** 4.3.2 Shelter Size - *The minimum exterior shelter dimensions shall be 12' x 16'. Minimum interior height shall be 9'.* Do vendors have the flexibility to propose any shelter size if it meets the County's 25% growth requirement?

**ANSWER:** Yes, Proposers may include equipment shelters and cabinets of alternate dimensions if this is the best fit technically, operationally, and fiscally.

-This Section Intentionally Left Blank-

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

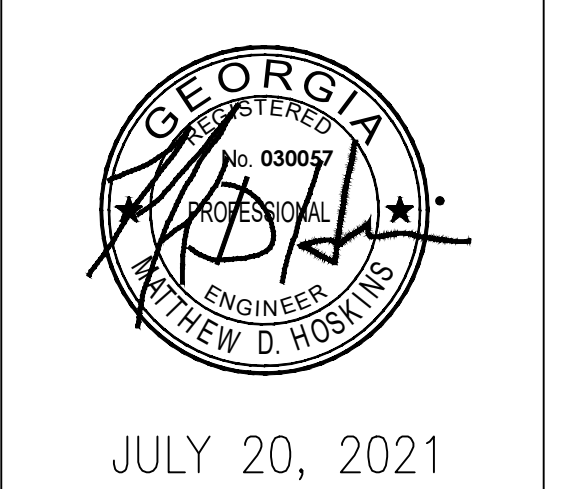
**THIS DOCUMENT MUST BE COMPLETED AND SUBMITTED AS PART OF YOUR PROPOSAL**

revisions:


**TANNER HOSKINS ENGINEERING CONSULTANTS, LLC**  
 ELECTRONIC SECURITY SYSTEMS, ELECTRICAL, LOW VOLTAGE & SECURITY HARDWARE  
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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**  
 25 Justice Way - Suite 2223 - Dawsonville, GA 30534  
 Project #367-20 - Security Systems Upgrades

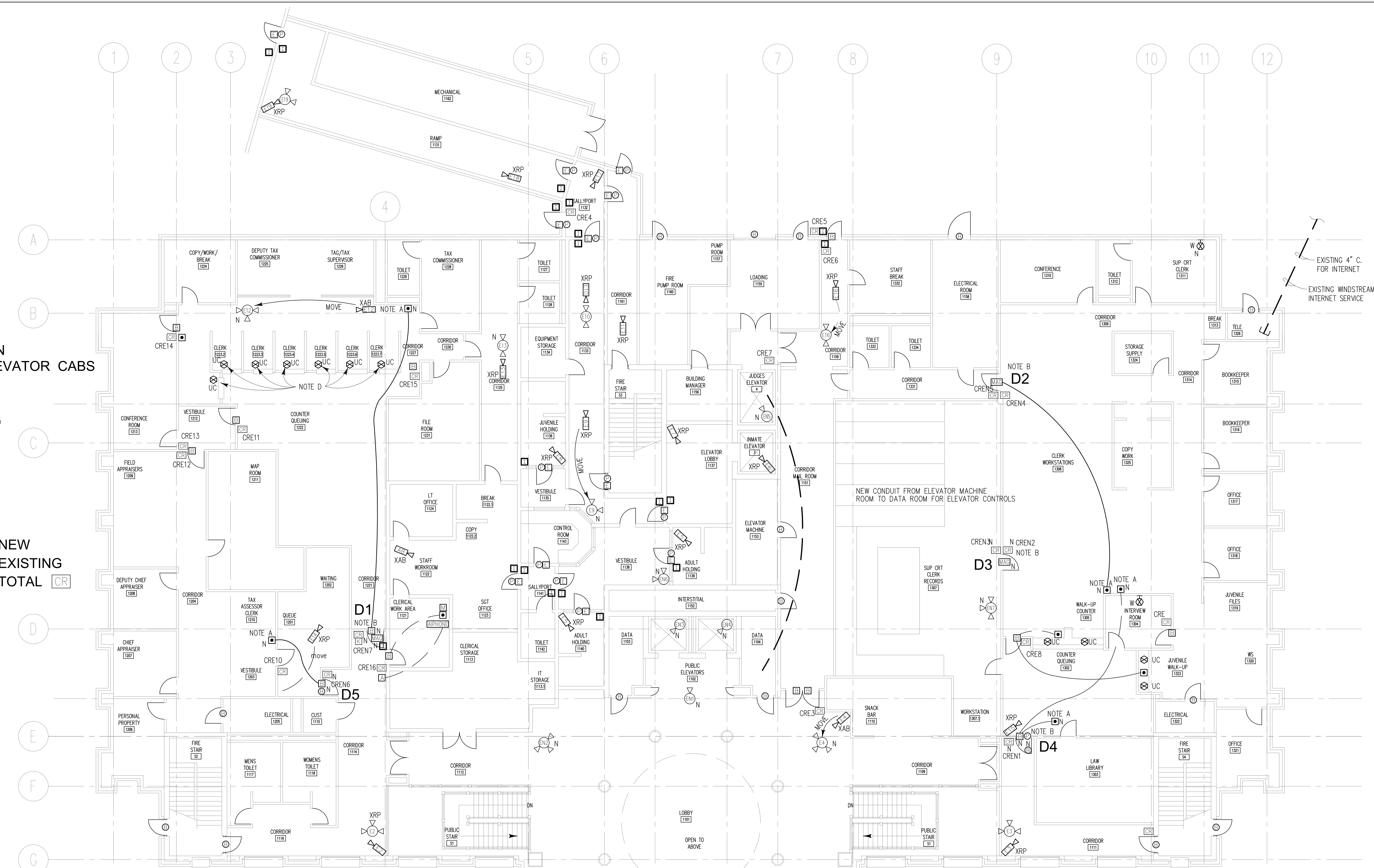


JULY 20, 2021  
 date:  
**JAN 21, 2022**  
**CONSTRUCTION SET**

**COURTHOUSE FIRST FLOOR PLAN SECURITY SYSTEMS UPGRADES**

**ES2.5**

RELEASED FOR CONSTRUCTION



**1 FIRST FLOOR PLAN COURTHOUSE**  
 ES25 SCALE: 1/8" = 1'-0"

- NOTES:** FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)
- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
  - COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
  - WHERE WALL, FLOOR AND/OR CEILING MUST BE MODIFIED FOR NEW INSTALL OF EACH DEVICE, CUT AND PATCH AS REQUIRED; PAINT TO MATCH EXISTING CONDITIONS.
  - IF HOME RUN NEEDS TO BE ROUTED EXPOSED, i.e. HOUSING AND INMATE AREAS, CONDUIT SHALL BE MINIMUM 12"-0" AFF AND STRAPPED EVERY 12". STRAPS SHALL HAVE DOUBLE SCREWS. SINGLE SCREW STRAPS ARE NOT ALLOWED IN INMATE AREAS.
  - NEW DEVICES INCLUDE, CAMERAS, CARD READERS, ELECTRIC LOCKS, DOOR POSITION SWITCHES, EXIT REQUEST PUSHBUTTONS, PIR DEVICES, DURESS PUSHBUTTONS, INTERCOMS, CAMERAS MONITORS, PC UNITS, UPS UNITS, UNLOCK PUSHBUTTONS, ETC.

- NOTES:** THIS SHEET ONLY
- PROVIDE NEW PUSHBUTTON SWITCH TO UNLOCK NEW CONTROLLED DOOR. COORDINATE WITH THE OWNER FOR EXACT MOUNTING LOCATION.
  - PROVIDE NEW CARD READER, ELECTRIC LOCK OR MAGNETIC LOCK, DOOR POSITION SWITCH, WIRING, ETC. FOR THIS EXISTING DOOR. COORDINATE FIELD CONDITIONS AND PROVIDE LAYOUT FOR APPROVAL.
  - PROVIDE REMOTE SECONDARY EMERGENCY PUSHBUTTON TO LOCK DOOR DOWN. COORDINATE LOCATION WITH THE OWNER.
  - EXISTING SENSTAR DURESS SYSTEM. REPLACE ENTIRE SYSTEM WITH NEW DURESS SYSTEM THAT TIES INTO THE TOUCHSCREEN LOCKING AND CARD ACCESS CONTROL SYSTEM. PROVIDE RED MUSHROOM HEAD PUSHBUTTON MOMENTARY ACTION WITH KEY RESET AT EACH DESK. COORDINATE MOUNTING LOCATION.

- 2 - ABANDON
  - 3 - NEW ELEVATOR CABS
  - 6 - NEW
  - 19 - EXISTING
  - 25 - TOTAL
- 
- 7 - NEW
  - 16 - EXISTING
  - 23 - TOTAL

KEY PLAN:

revisions:


**TANNER HOSKINS ENGINEERING CONSULTANTS, LLC**

ELECTRONIC SECURITY SYSTEMS, ELECTRICAL, LOW VOLTAGE & SECURITY HARDWARE

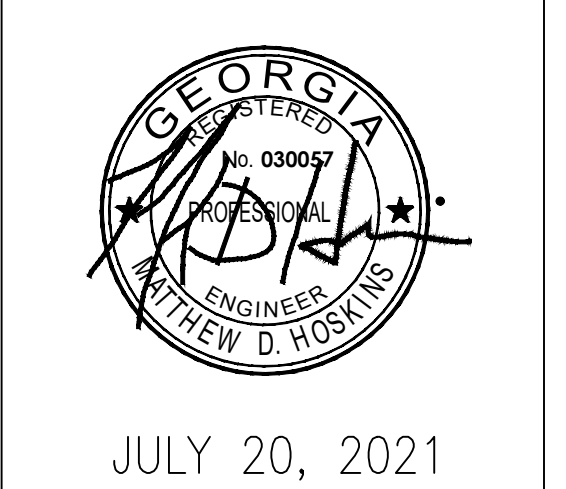
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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**

25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades

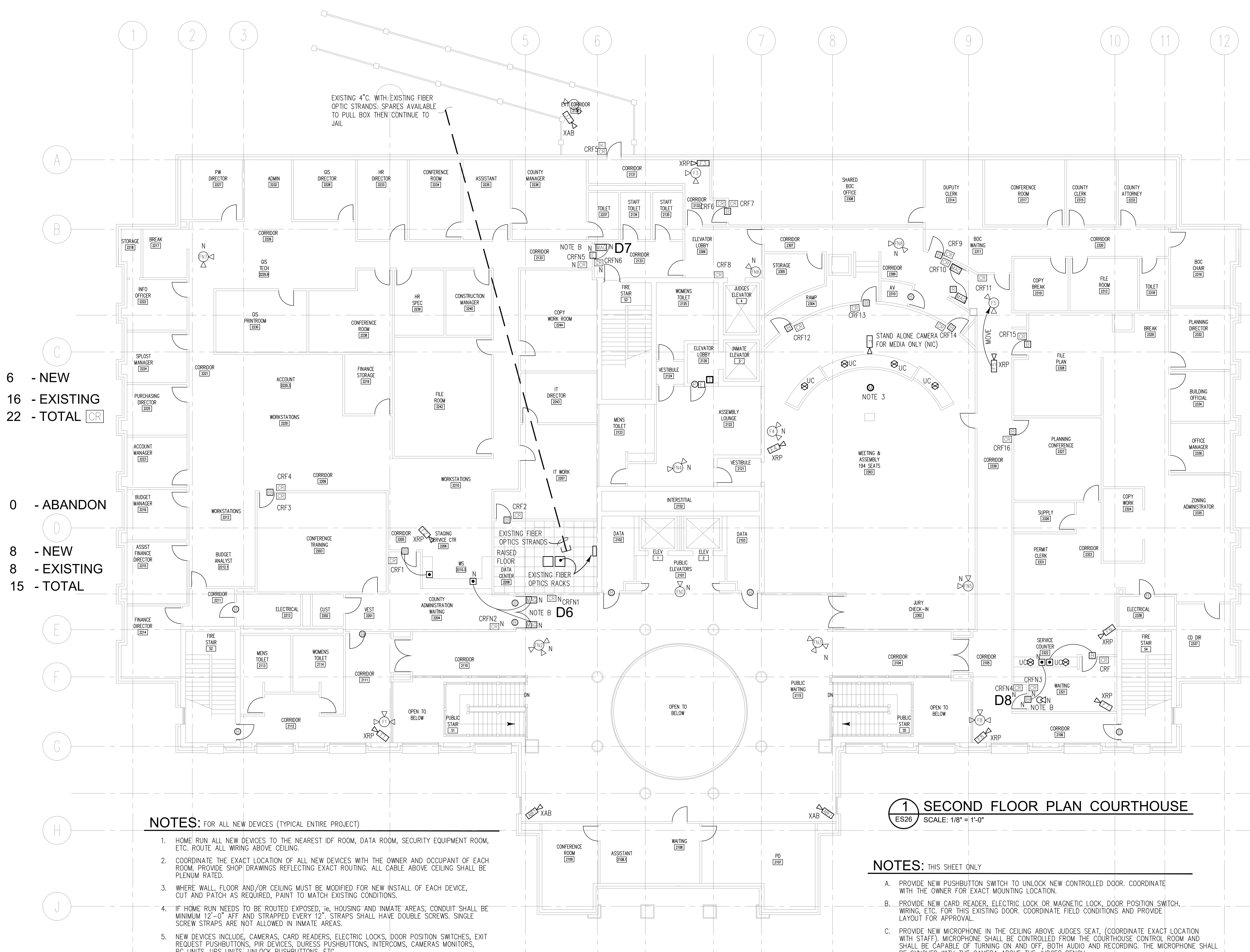


date:  
**JAN 21, 2022**  
CONSTRUCTION SET

COURTHOUSE SECOND FLOOR PLAN SECURITY SYSTEMS UPGRADES

**ES2.6**

RELEASED FOR CONSTRUCTION



- 6 - NEW
  - 16 - EXISTING
  - 22 - TOTAL
- 
- 0 - ABANDON
  - 8 - NEW
  - 8 - EXISTING
  - 15 - TOTAL

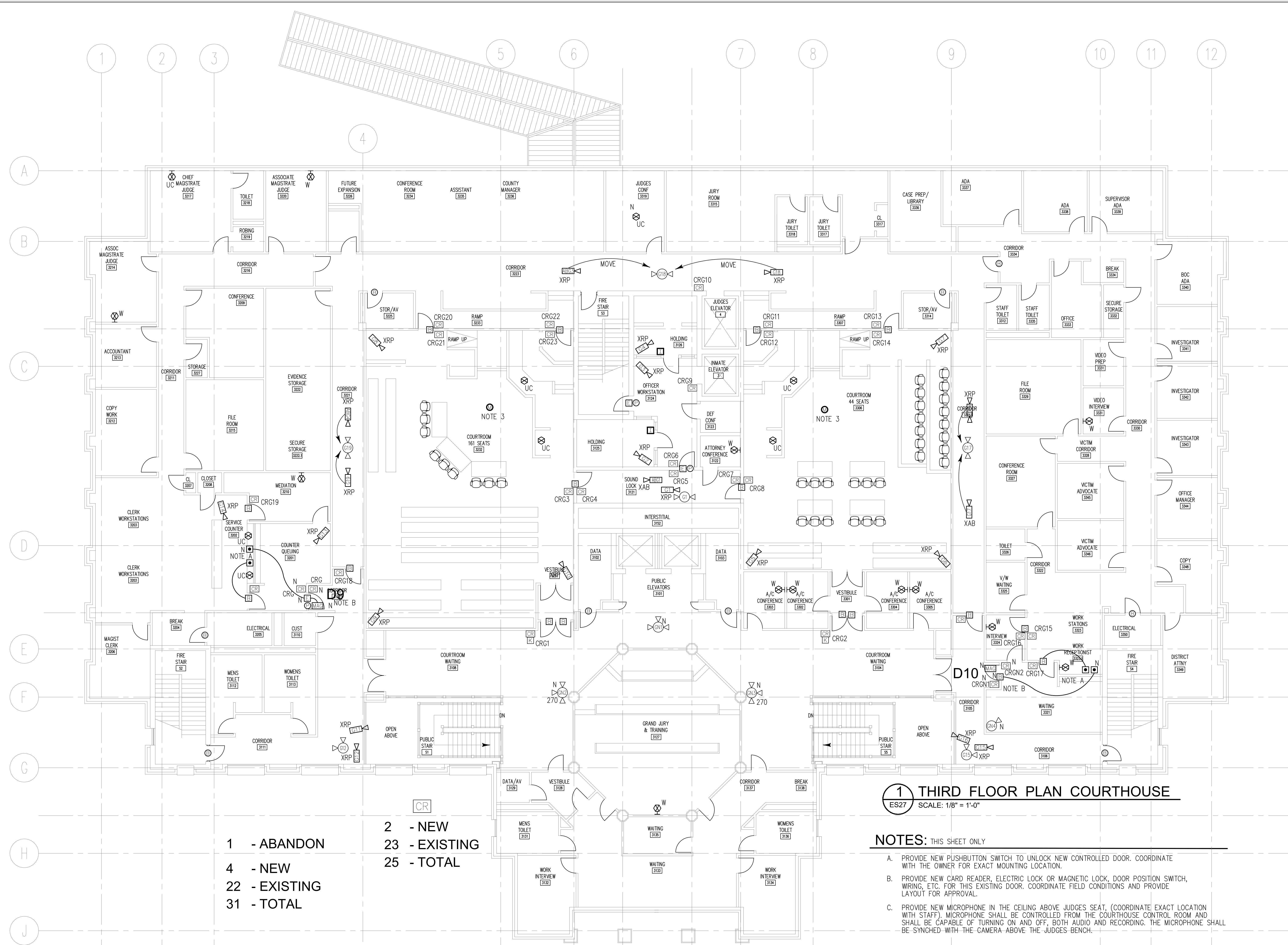
**NOTES:** FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)

- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
- COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
- WHERE WALL, FLOOR AND/OR CEILING MUST BE MODIFIED FOR NEW INSTALL OF EACH DEVICE, CUT AND PATCH AS REQUIRED, PAINT TO MATCH EXISTING CONDITIONS.
- IF HOME RUN NEEDS TO BE ROUTED EXPOSED, i.e. HOUSING AND INMATE AREAS, CONDUIT SHALL BE MINIMUM 1/2" AFF AND STRAPPED EVERY 12". STRAPS SHALL HAVE DOUBLE SCREWS. SINGLE SCREW STRAPS ARE NOT ALLOWED IN INMATE AREAS.
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**1 SECOND FLOOR PLAN COURTHOUSE**  
ES26 SCALE: 1/8" = 1'-0"

- NOTES:** THIS SHEET ONLY
- PROVIDE NEW PUSHBUTTON SWITCH TO UNLOCK NEW CONTROLLED DOOR. COORDINATE WITH THE OWNER FOR EXACT MOUNTING LOCATION.
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KEY PLAN:



1	- ABANDON	2	- NEW
4	- NEW	23	- EXISTING
22	- EXISTING	25	- TOTAL
31	- TOTAL		

**1 THIRD FLOOR PLAN COURTHOUSE**  
ES27 SCALE: 1/8" = 1'-0"

- NOTES:** THIS SHEET ONLY
- PROVIDE NEW PUSHBUTTON SWITCH TO UNLOCK NEW CONTROLLED DOOR. COORDINATE WITH THE OWNER FOR EXACT MOUNTING LOCATION.
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KEY PLAN:

revisions:


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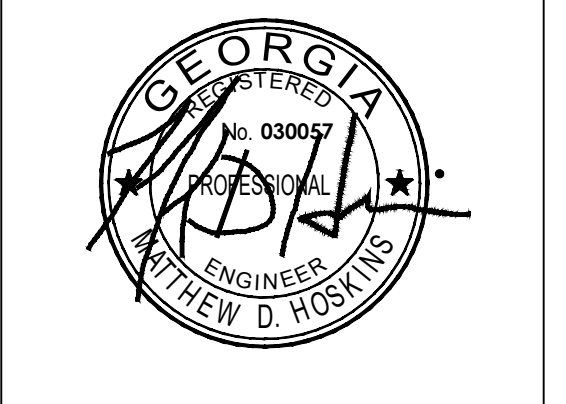
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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**

25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades

RELEASED FOR CONSTRUCTION



JULY 20, 2021

date:  
JAN 21, 2022  
CONSTRUCTION SET

COURTHOUSE THIRD FLOOR PLAN SECURITY SYSTEMS UPGRADES

**ES2.7**

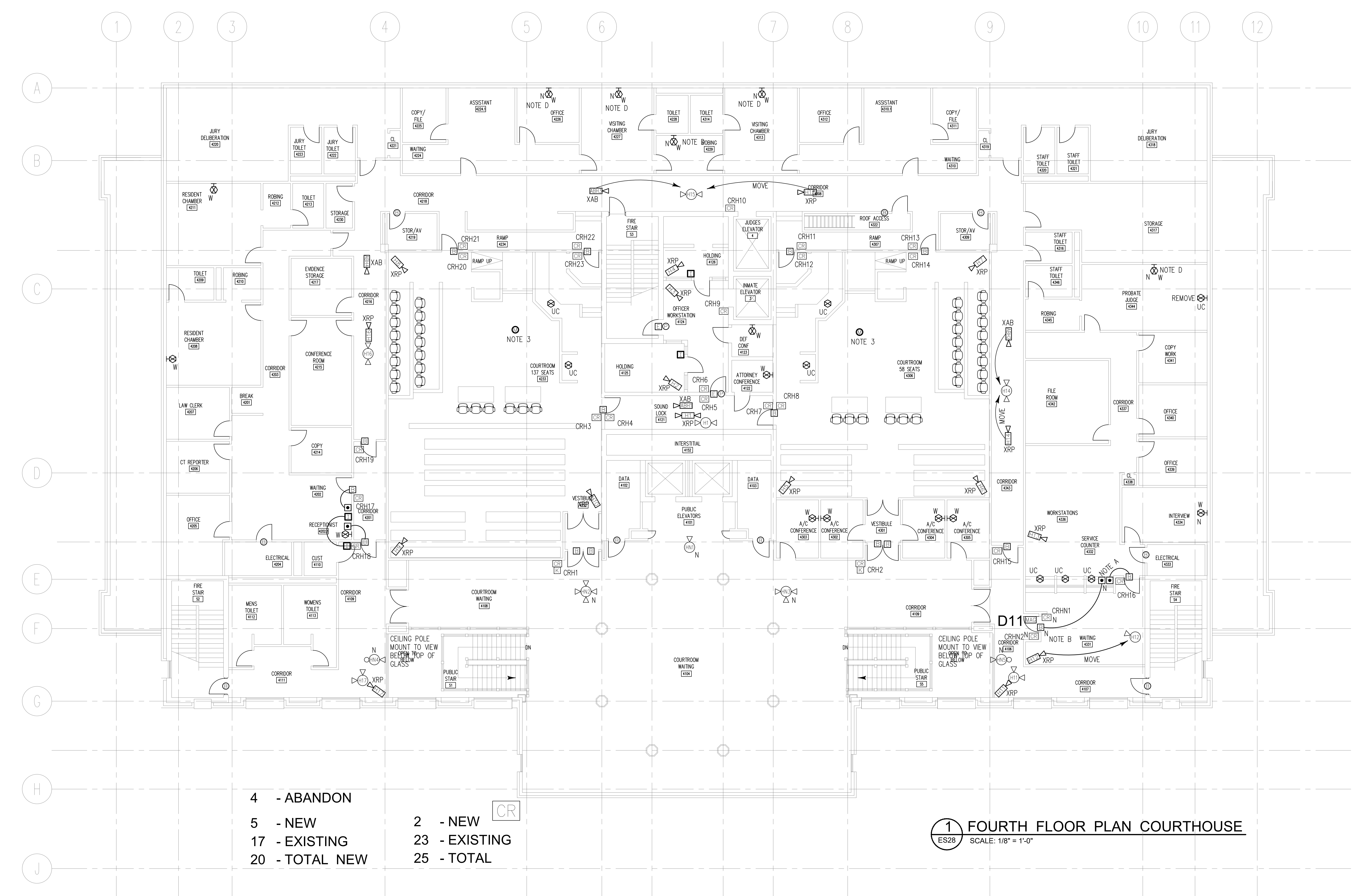


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 25 Justice Way - Suite 2223 - Dawsonville, GA 30534  
 Project #367-20 - Security Systems Upgrades



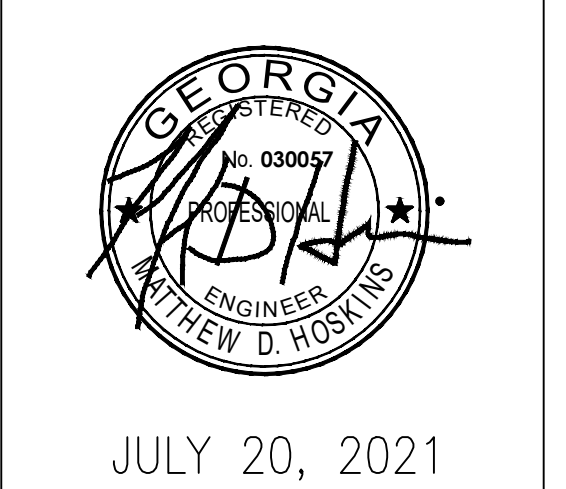
- |                |               |
|----------------|---------------|
| 4 - ABANDON    | 2 - NEW       |
| 5 - NEW        | 23 - EXISTING |
| 17 - EXISTING  | 25 - TOTAL    |
| 20 - TOTAL NEW |               |

**1 FOURTH FLOOR PLAN COURTHOUSE**  
 ES28 SCALE: 1/8" = 1'-0"

- NOTES:** FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)
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  - COORDINATE LOCATION WITH EACH OCCUPANT OF EACH OFFICE ON EXACT MOUNTING LOCATION. HOME RUN TO NEAREST IDF ROOM AND ACCESS CONTROL HEADEND EQUIPMENT.

RELEASED FOR CONSTRUCTION



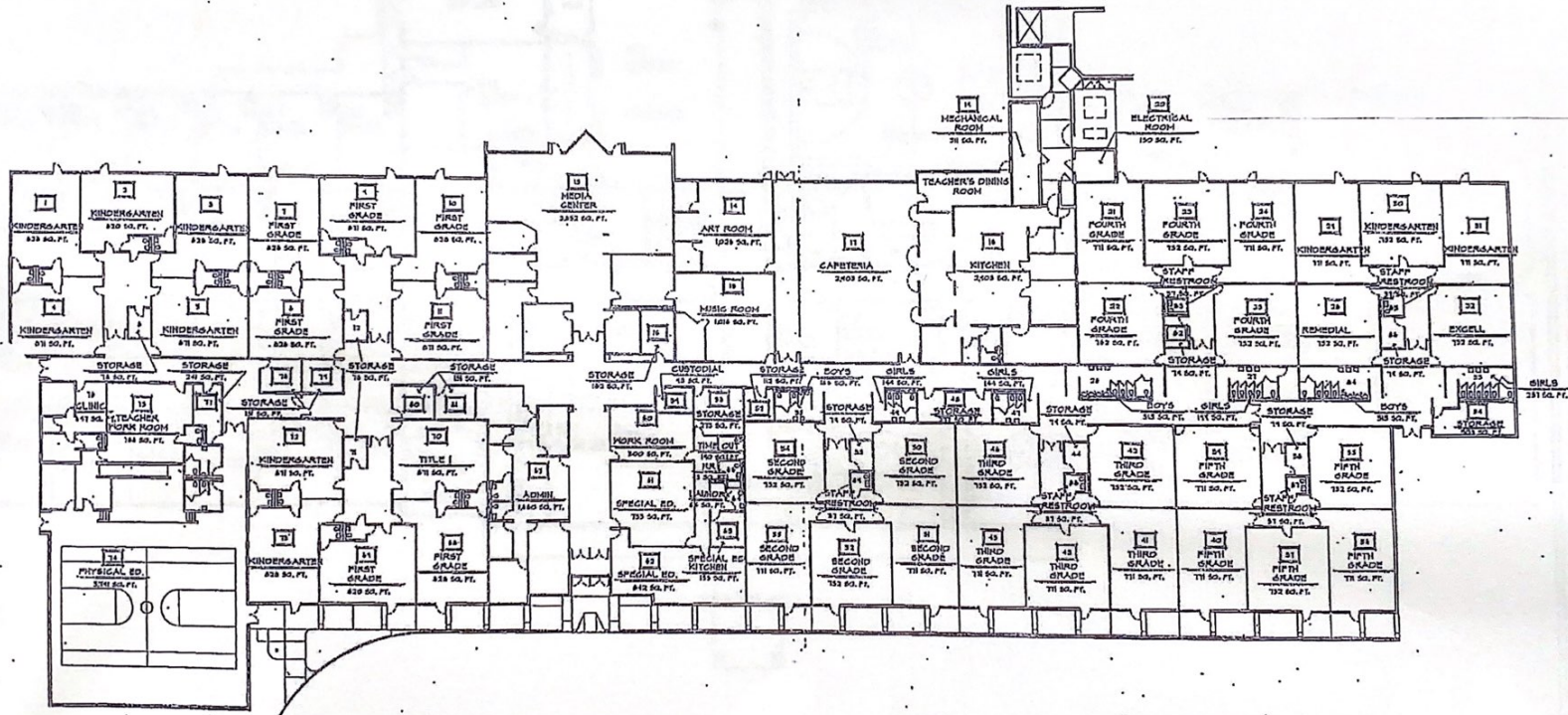
date:  
**JAN 21, 2022**  
**CONSTRUCTION SET**

**COURTHOUSE FOURTH FLOOR PLAN SECURITY SYSTEMS UPGRADES**

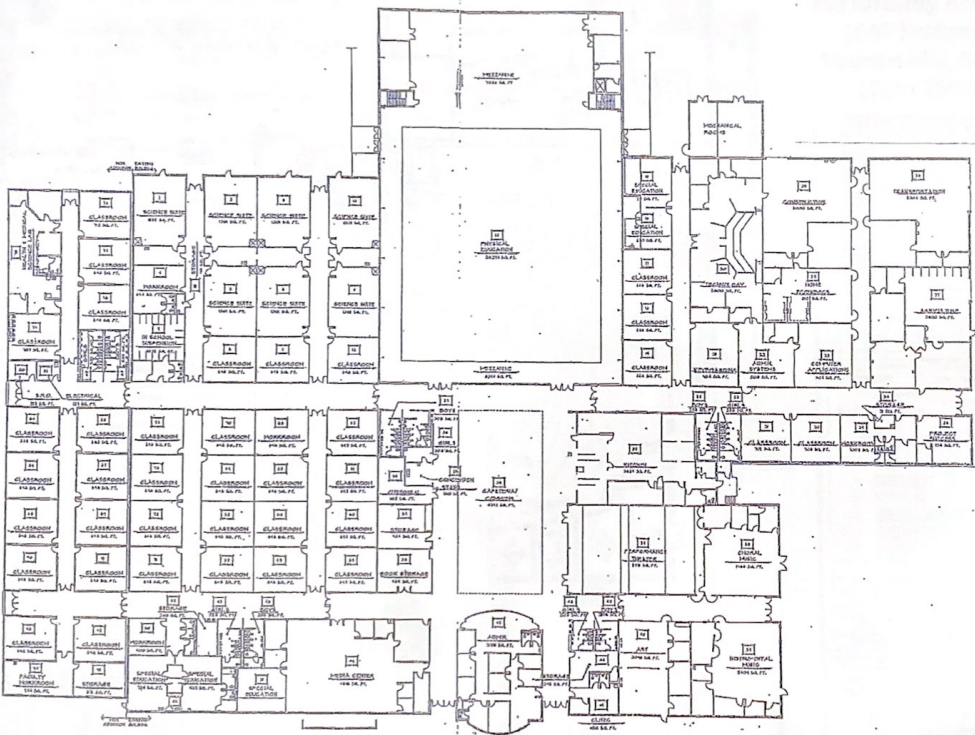
**ES2.8**

KEY PLAN:

**Blacks Mill Elementary**  
1860 Dawson Forest Rd.  
Dawsonville, GA 30534  
(706) 216-3300

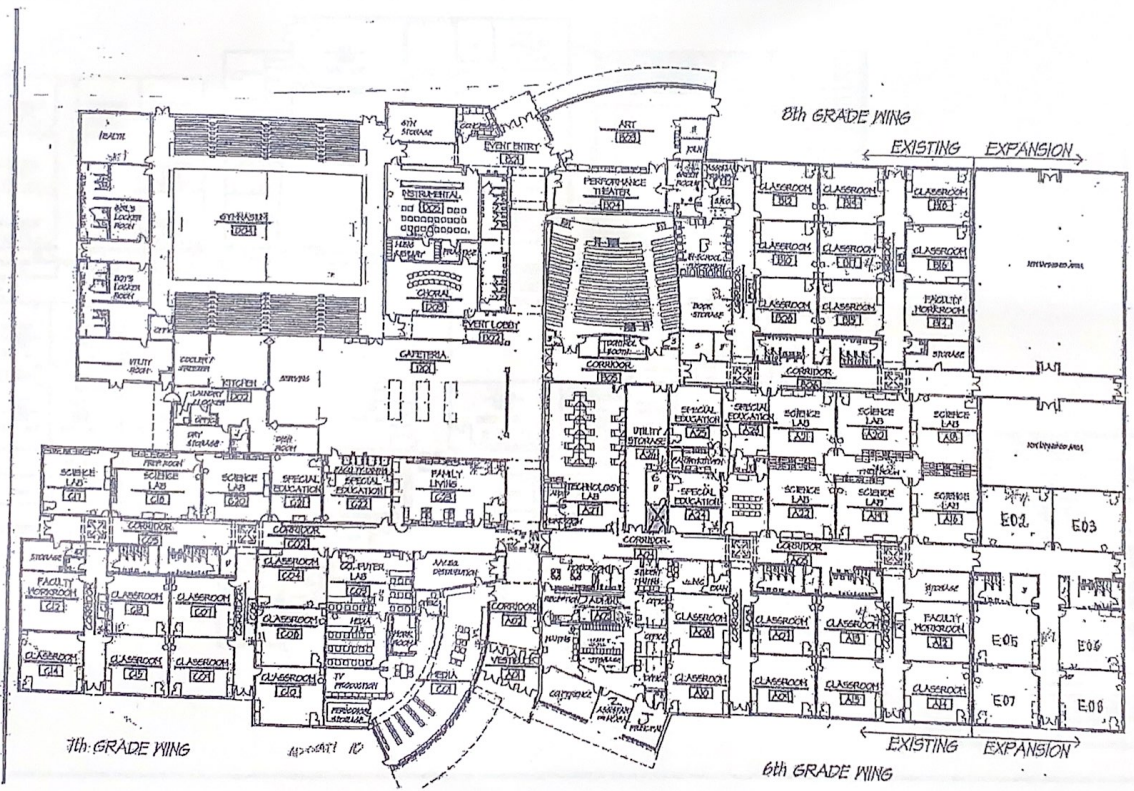


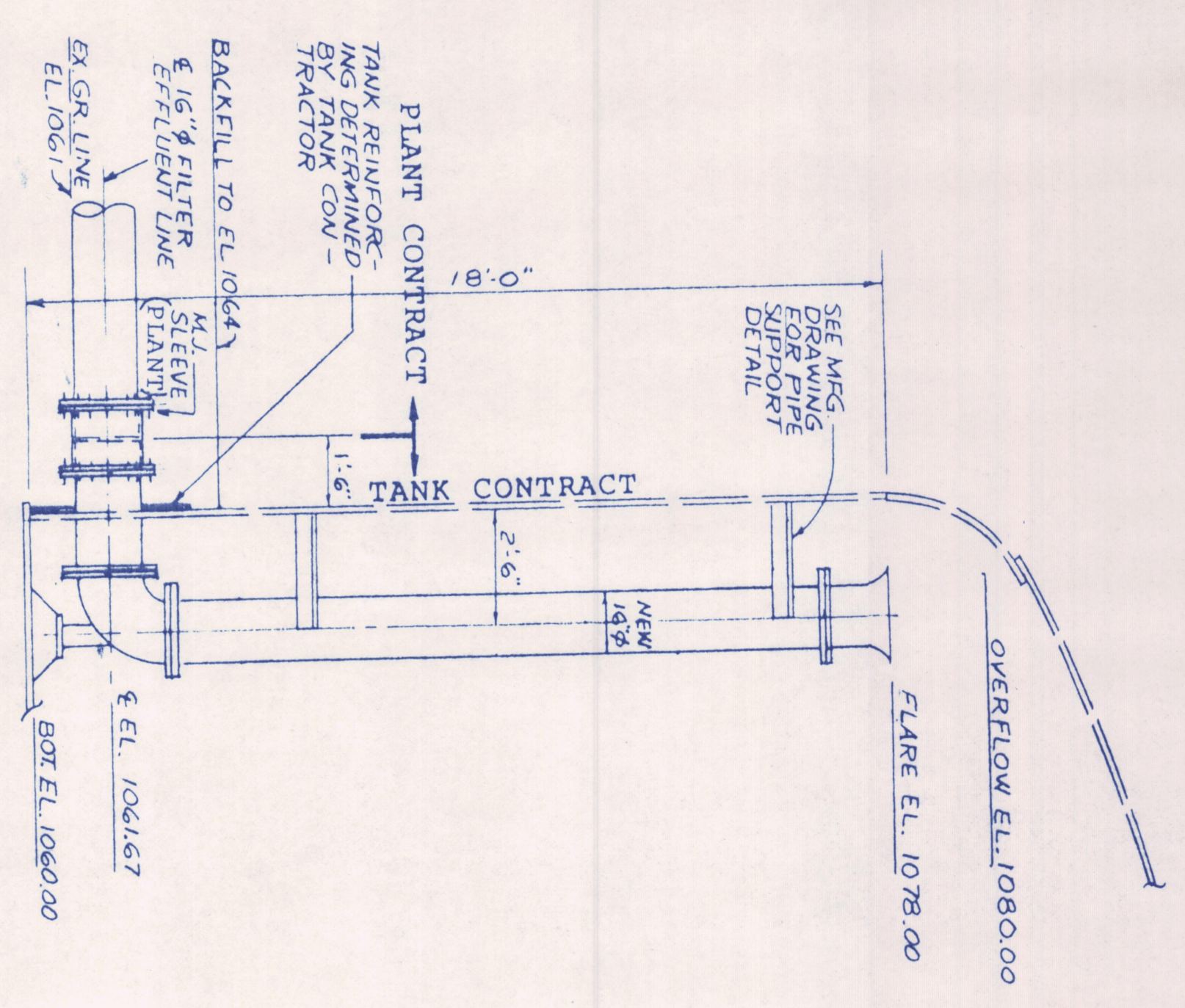
Dawson Co. High School  
1665 Perimeter Rd.  
Dawsonville, GA 30534  
(706) 265-6555



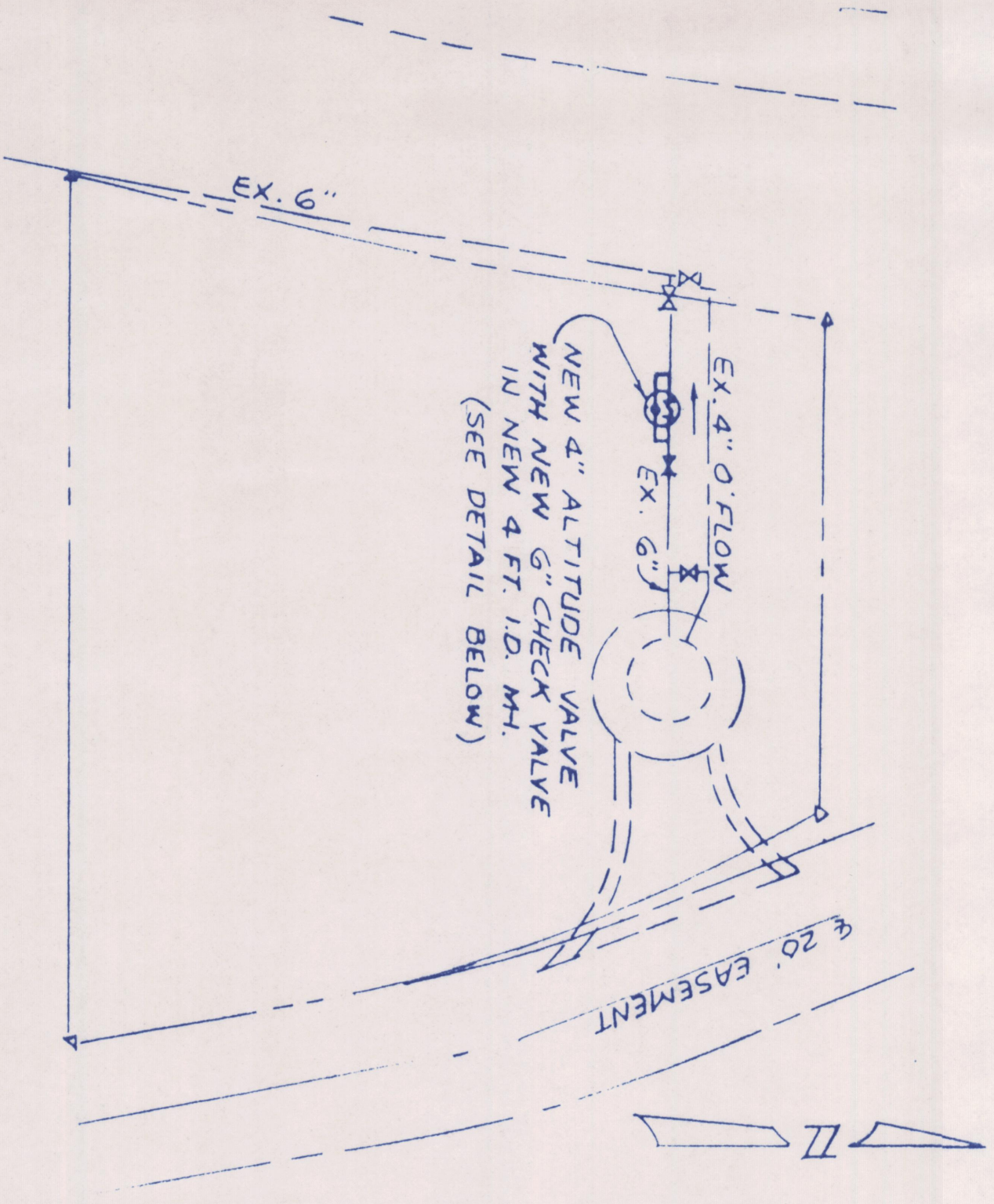
OVERALL FLOOR PLAN  
SCALE: NOT TO SCALE

Dawson Co. Middle  
5126 Hwy. 9 South  
Dawsonville, GA 30534  
(706) 216-4849

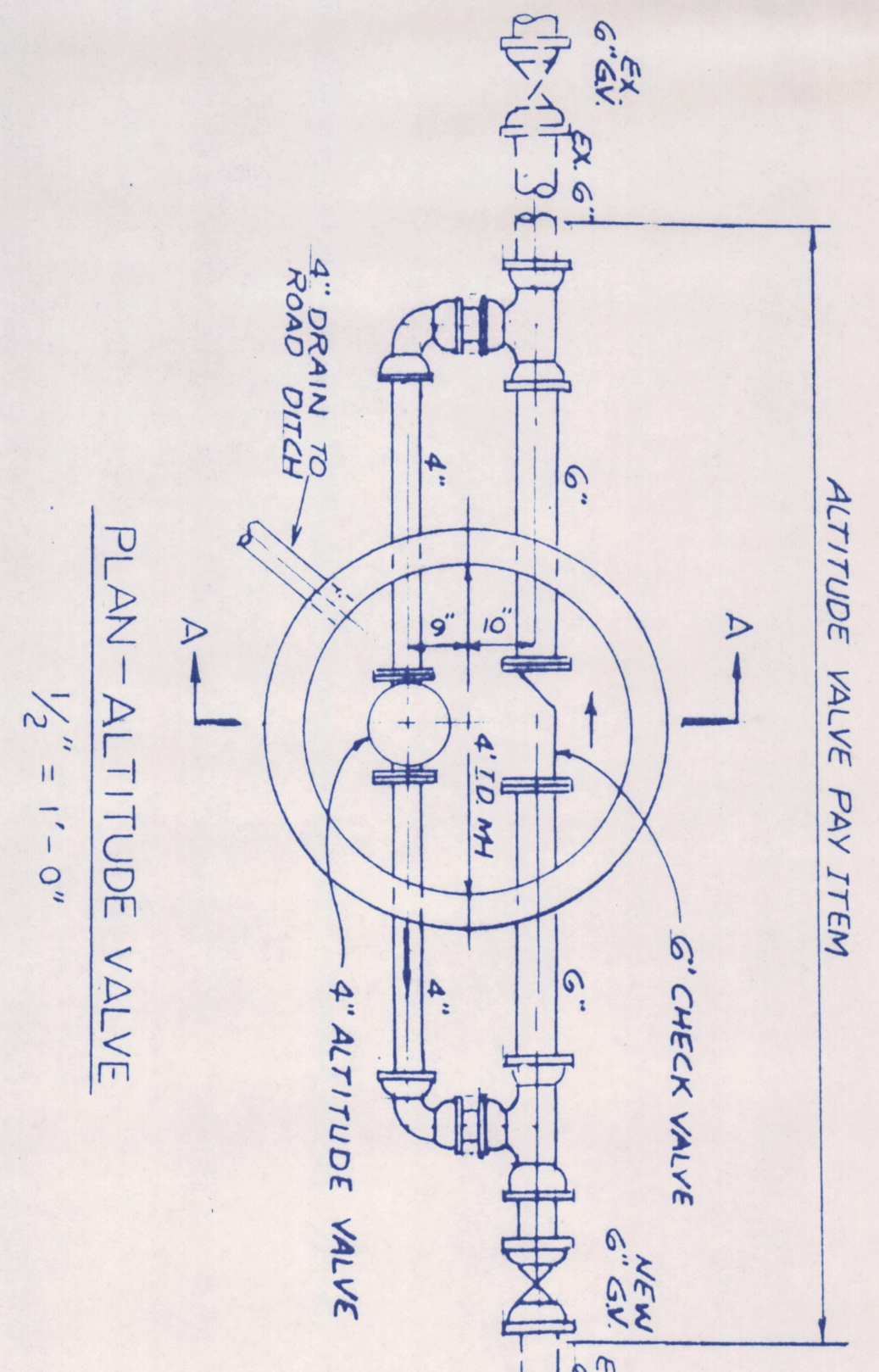




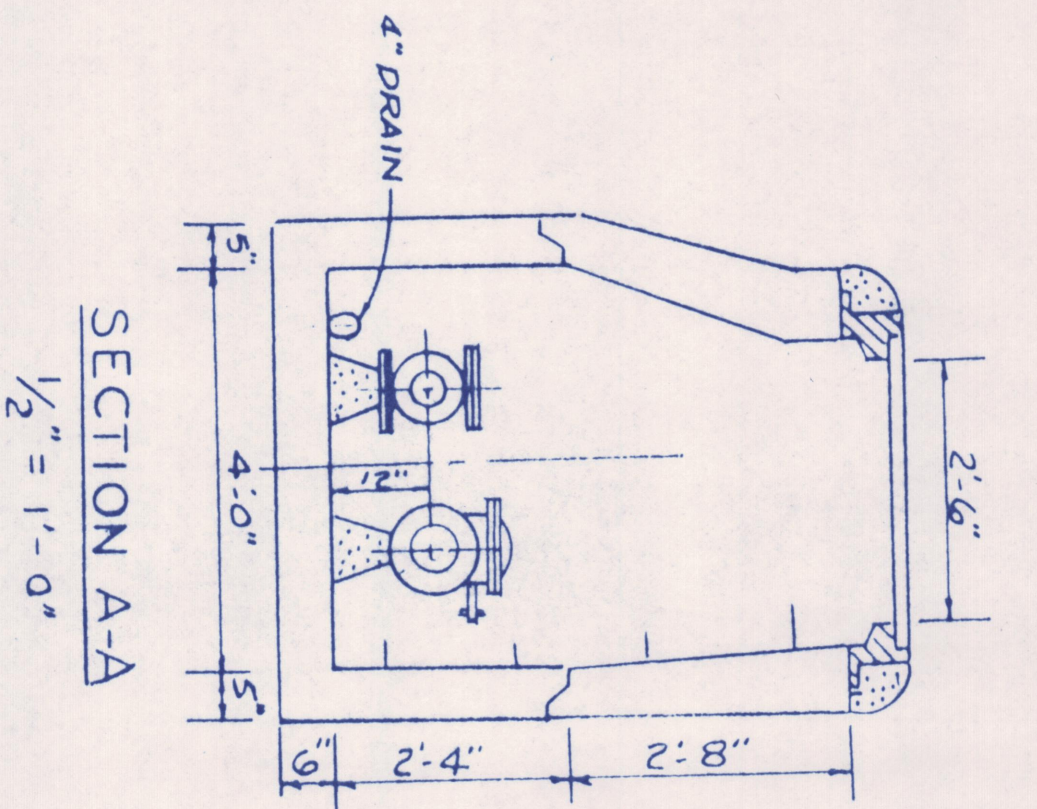
NEW 16-INCH INFLUENT - EX. CLEARWELL  
1" = 3'-0"



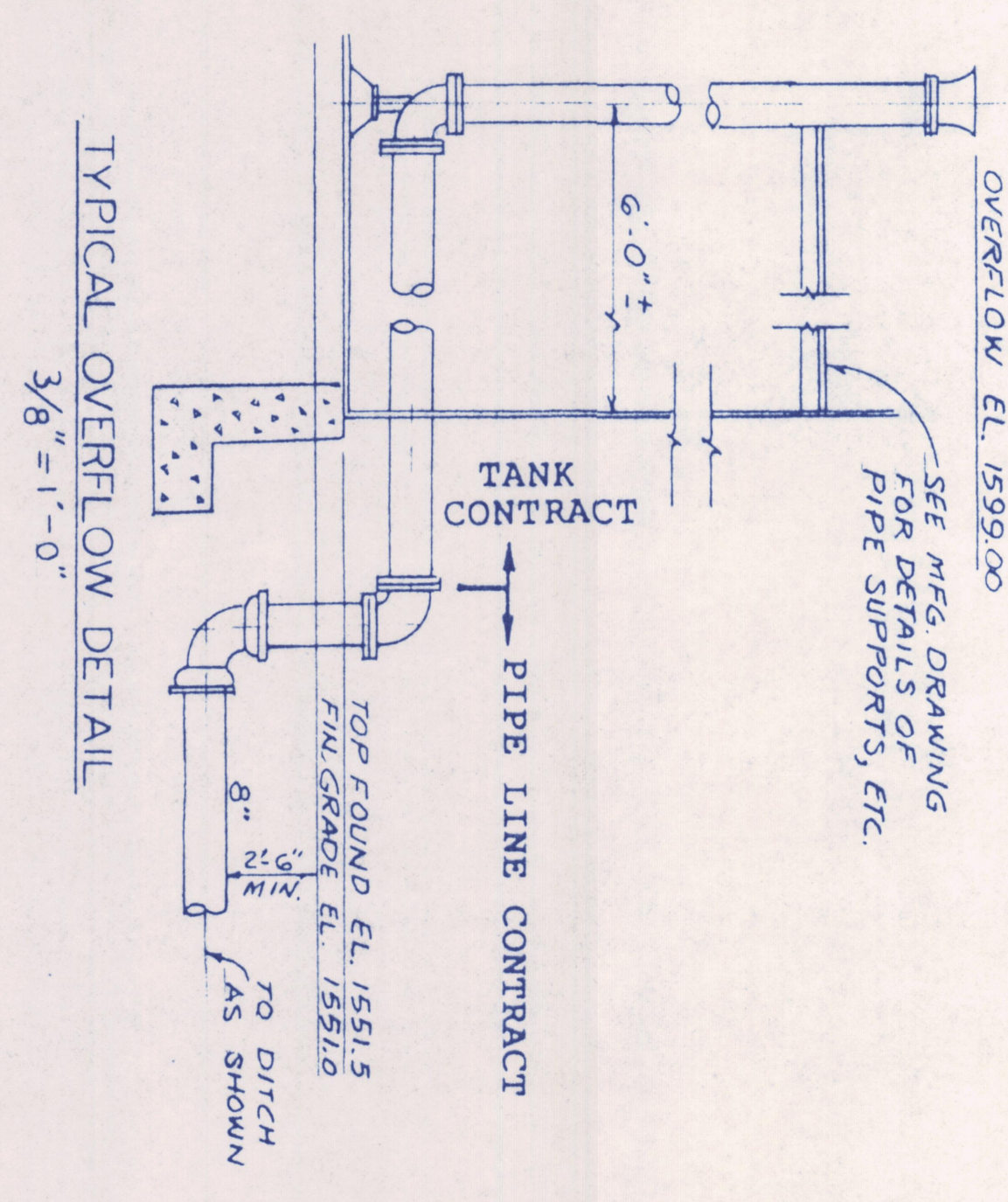
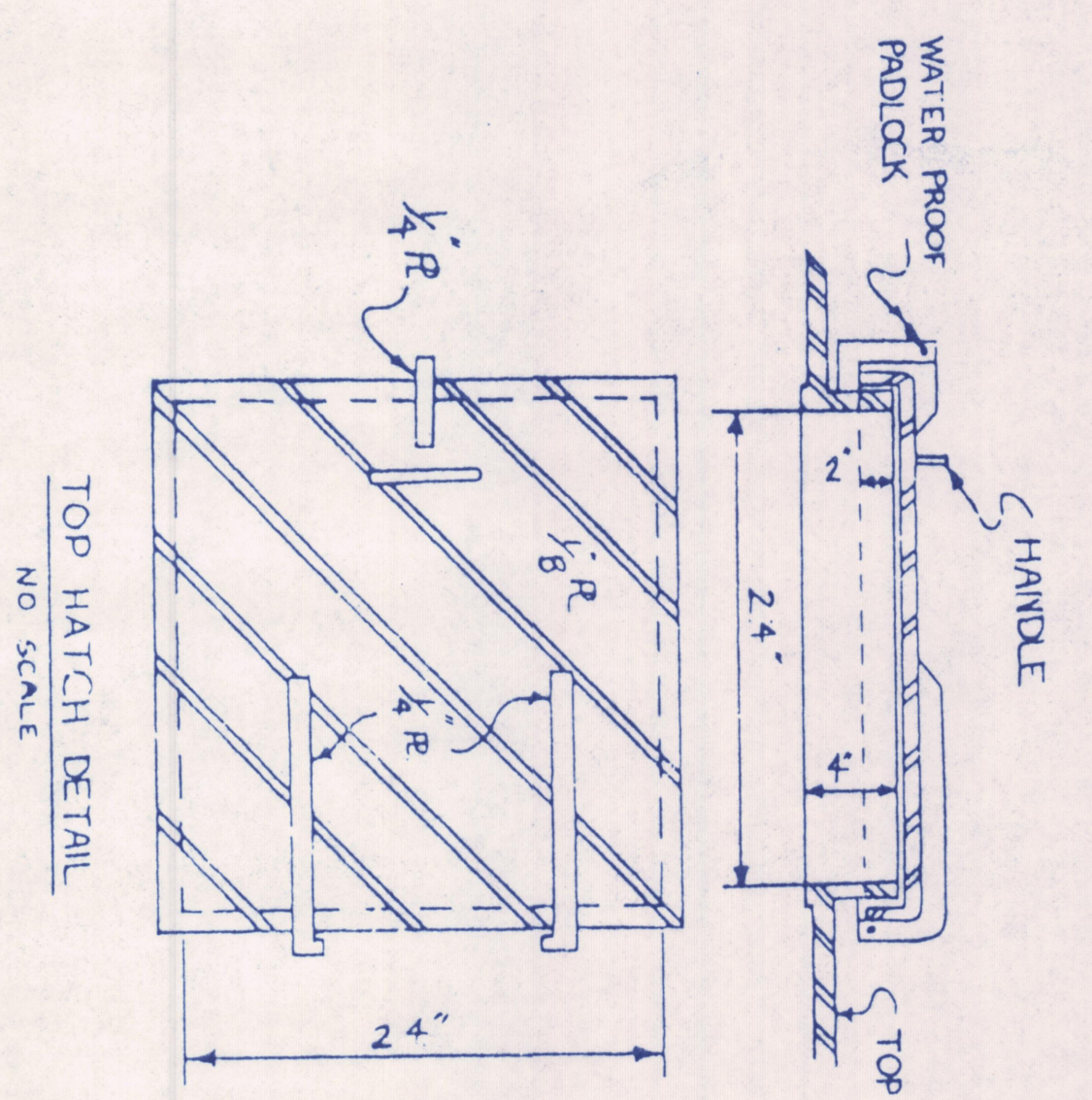
SITE PLAN: EX. 25,000 GALLON RESERVOIR  
1" = 20'



PLAN - ALTITUDE VALVE  
1/2" = 1'-0"



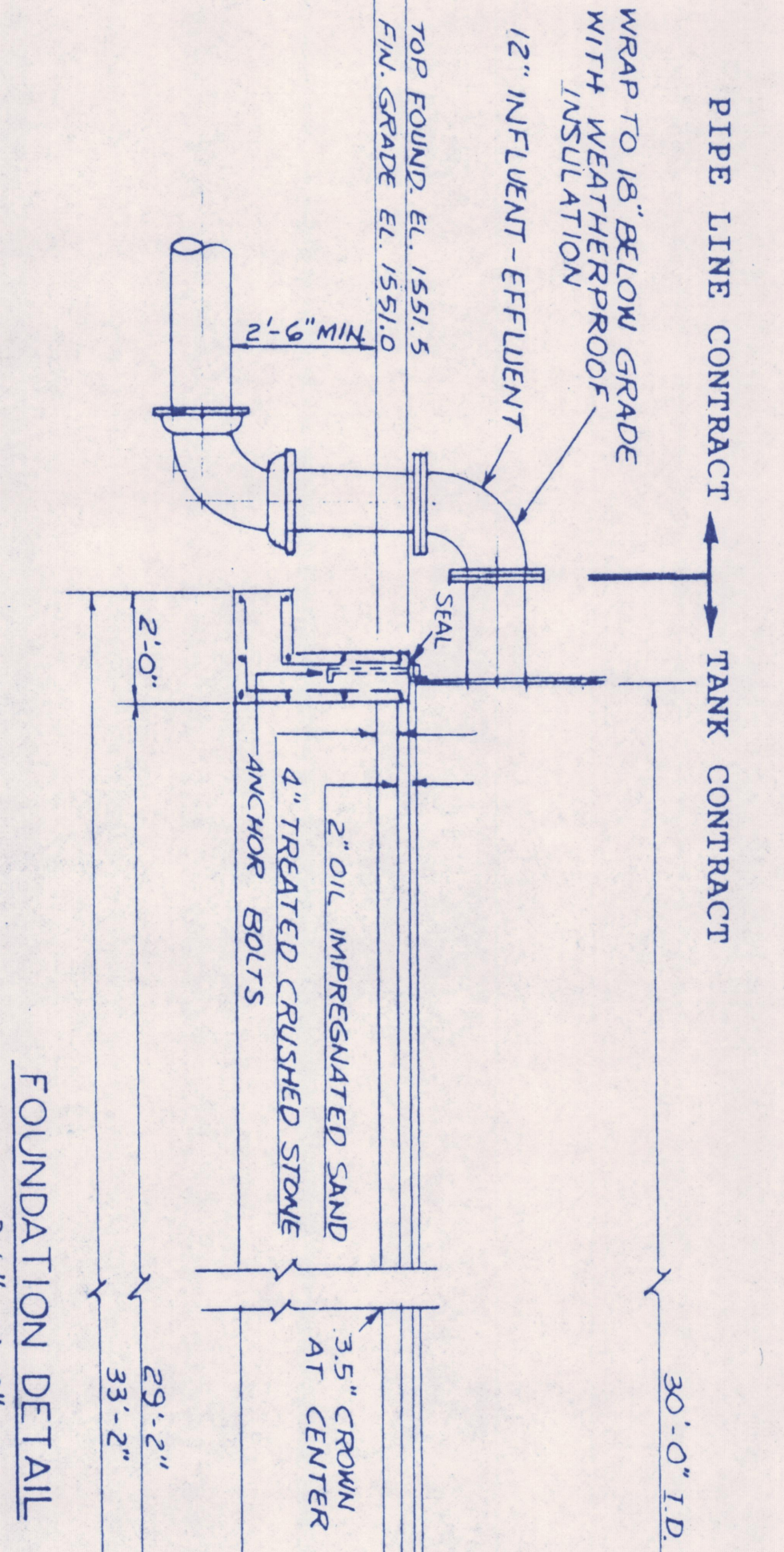
SECTION A-A  
1/2" = 1'-0"



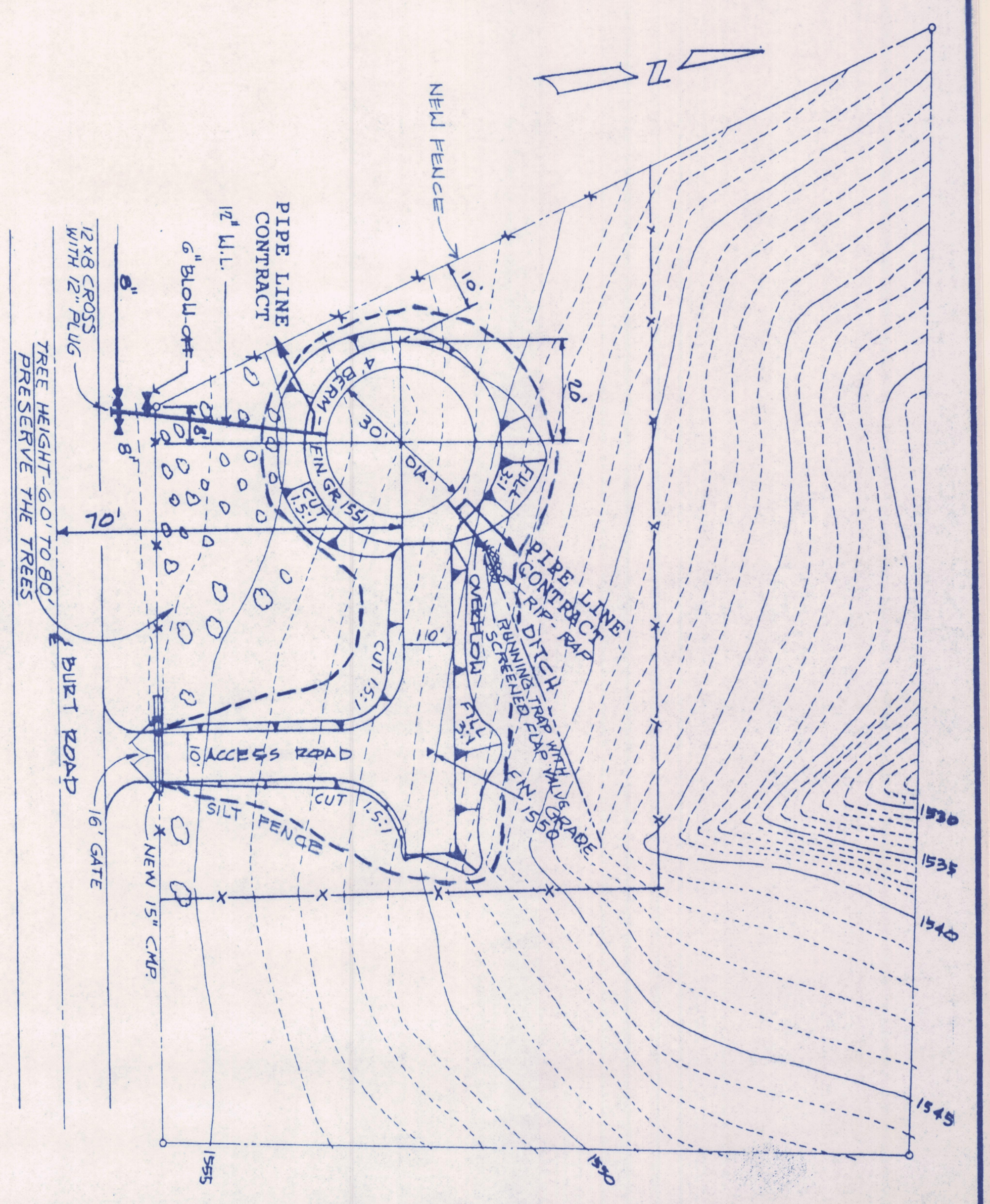
RESERVOIR FOUNDATION REINFORCING STEEL SCHEDULE

MARK	SIZE	LENGTH	REINFORCING SPC.	WT.	SHAPE	LOCATION
R-1	5/8" Ø	3'-2"	12" OC	3.17	1-2" x 2-0"	FOUNDATION
R-2	1" Ø	4'-6"	12" OC	11.17	1-3" x 2-9"	FOUNDATION
R-3	1/2" Ø	33'-8"	12" OC	2.70	2-1/2" x 3"	FOUNDATION
R-4	1/2" Ø	32'-6"	12" OC	2.61	2-1/2" x 3"	FOUNDATION
R-5	1/2" Ø	36'-2"	15" OC	1.45	2-1/2" x 3"	FOUNDATION

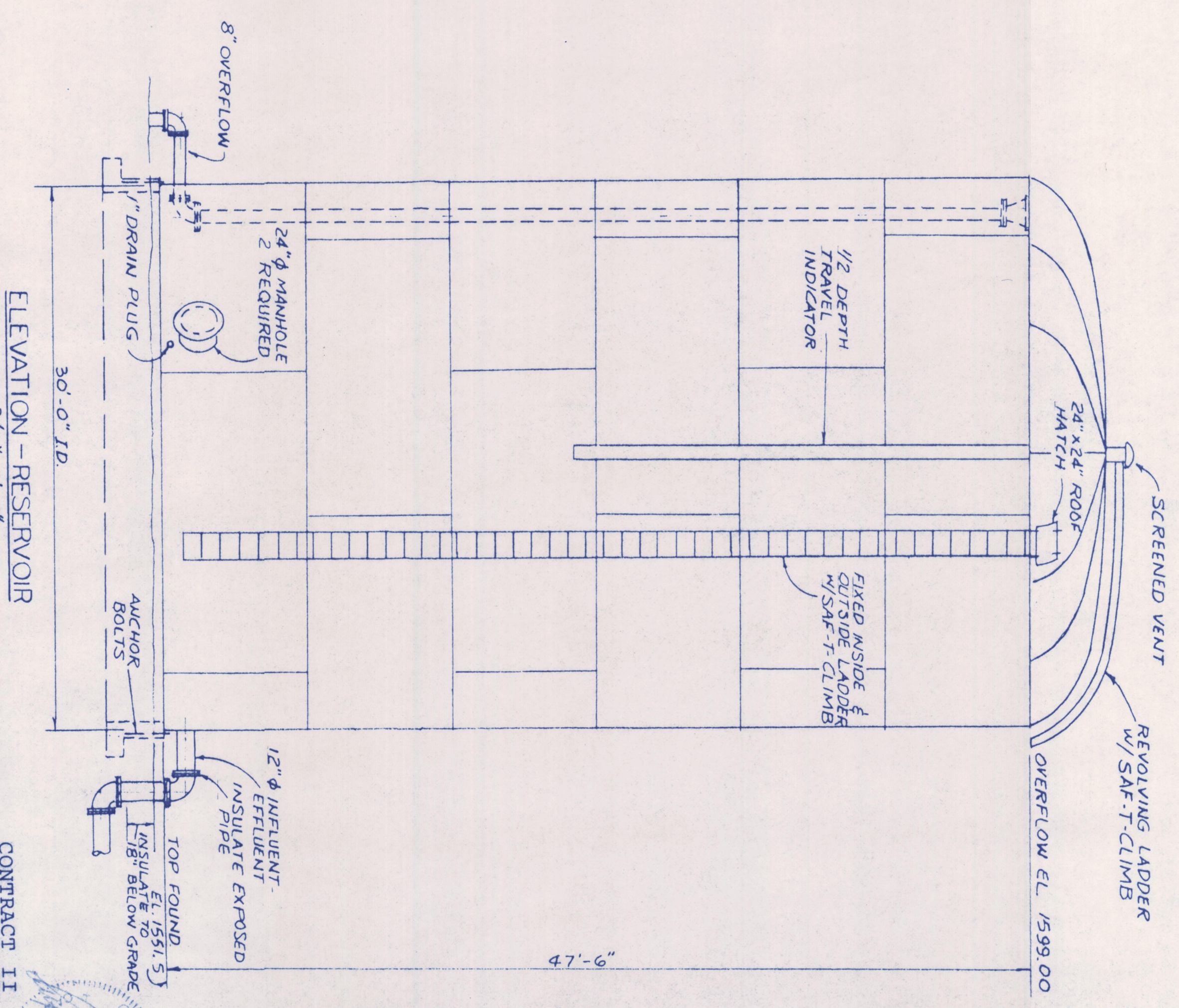
TOTAL WEIGHT 2,110



FOUNDATION DETAIL  
3/8" = 1'-0"



SITE PLAN  
1" = 20'



ELEVATION - RESERVOIR  
3/16" = 1'-0"

**CONCUR**  
STATE OF GEORGIA  
ENVIRONMENTAL PROTECTION DIVISION  
DRINKING WATER PROGRAM  
JAN 01 2000  
KIM A. CHASE

ETOWAH WATER AND SEWER AUTHORITY		CONTRACT II	
FILTER PLANT IMPROVEMENTS		STEEL TANK WORK	
CAMPBELL WALLACE CONSULTING ENGINEERS			
SCALE	DATE	SHEET NO.	FILE NO.
AS NOTED	APR., 1999	5 OF 26	23-77

revisions:

**TANNER HOSKINS**  
ENGINEERING  
CONSULTANTS, LLC

ELECTRONIC SECURITY  
SYSTEMS, ELECTRICAL,  
LOW VOLTAGE &  
SECURITY HARDWARE

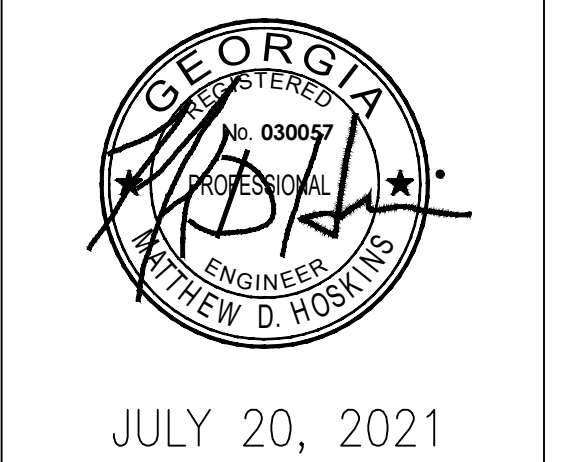
3447 Lake Seminole Place  
Buford, Georgia 30519  
tanner@tannerhoskins.com  
678-656-8832 mobile  
www.tannerhoskins.com

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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**

25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades

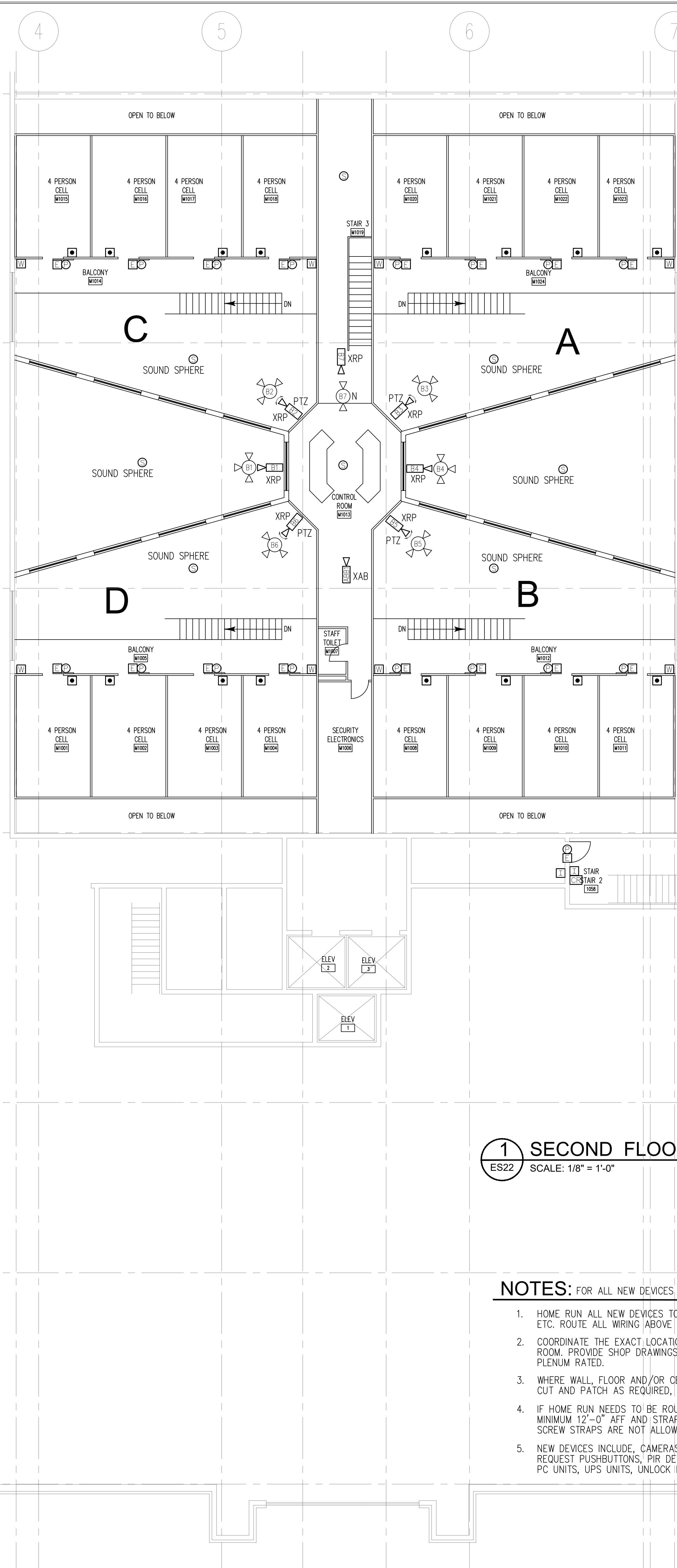


date:  
**JAN 21, 2022**  
CONSTRUCTION SET

SECOND FLOOR PLAN  
MEZZANINE JAIL AND LEC  
SECURITY SYSTEMS  
UPGRADES

**ES2.2**

RELEASED FOR CONSTRUCTION



- 1 - ABANDON
- 0 - NEW
- 7 - EXISTING REPLACE
- 7 - TOTAL

**1 SECOND FLOOR PLAN MEZZANINE**  
ES22 SCALE: 1/8" = 1'-0"

- NOTES:** FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)
- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
  - COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
  - WHERE WALL, FLOOR AND/OR CEILING MUST BE MODIFIED FOR NEW INSTALL OF EACH DEVICE, CUT AND PATCH AS REQUIRED, PAINT TO MATCH EXISTING CONDITIONS.
  - IF HOME RUN NEEDS TO BE ROUTED EXPOSED, i.e. HOUSING AND INMATE AREAS, CONDUIT SHALL BE MINIMUM 12"-0" AFF AND STRAPPED EVERY 12". STRAPS SHALL HAVE DOUBLE SCREWS. SINGLE SCREW STRAPS ARE NOT ALLOWED IN INMATE AREAS.
  - NEW DEVICES INCLUDE, CAMERAS, CARD READERS, ELECTRIC LOCKS, DOOR POSITION SWITCHES, EXIT REQUEST PUSHBUTTONS, PIR DEVICES, DURESS PUSHBUTTONS, INTERCOMS, CAMERAS MONITORS, PC UNITS, UPS UNITS, UNLOCK PUSHBUTTONS, ETC.

KEY PLAN:

revisions:


**TANNER HOSKINS ENGINEERING CONSULTANTS, LLC**

ELECTRONIC SECURITY SYSTEMS, ELECTRICAL, LOW VOLTAGE & SECURITY HARDWARE

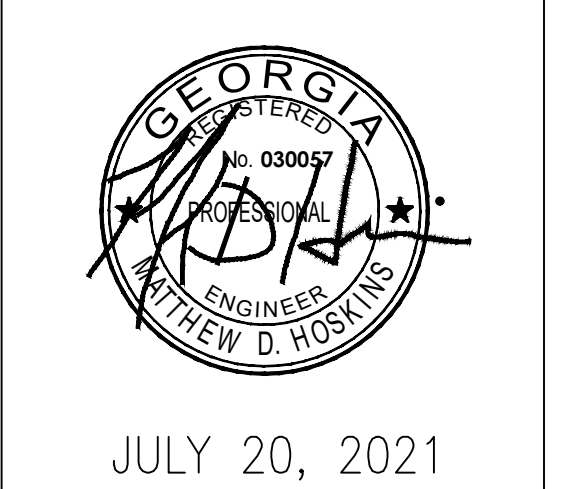
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25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades

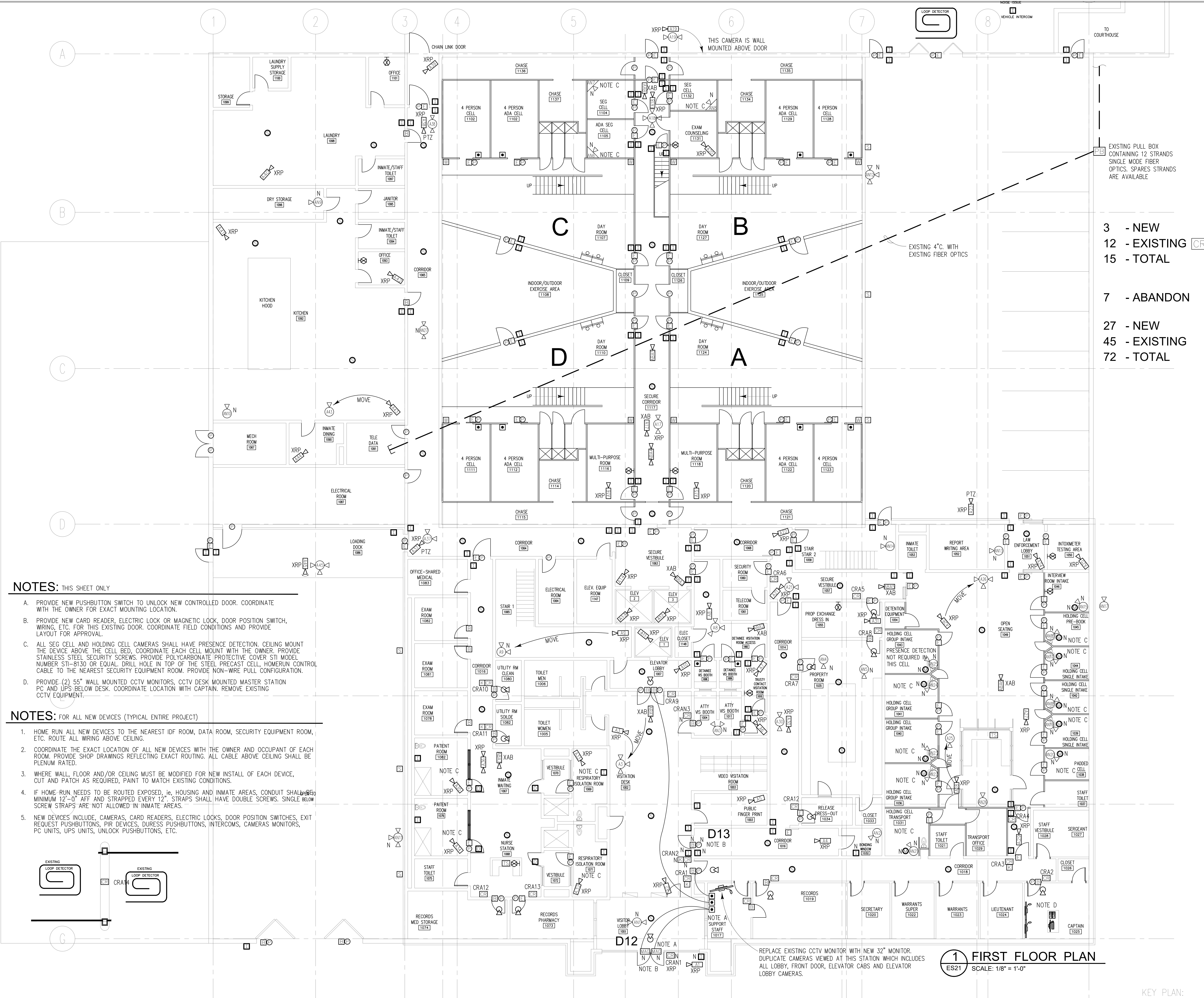


date:  
**JAN 21, 2022**  
CONSTRUCTION SET

FIRST FLOOR PLAN  
JAIL AND LEC  
SECURITY SYSTEMS  
UPGRADES

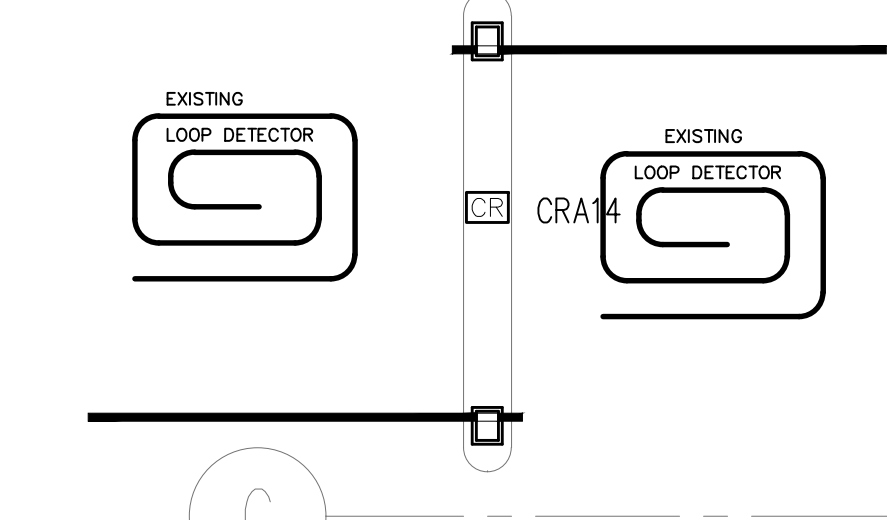
**ES2.1**

**RELEASED FOR CONSTRUCTION**



- NOTES: THIS SHEET ONLY**
- PROVIDE NEW PUSHBUTTON SWITCH TO UNLOCK NEW CONTROLLED DOOR. COORDINATE WITH THE OWNER FOR EXACT MOUNTING LOCATION.
  - PROVIDE NEW CARD READER, ELECTRIC LOCK OR MAGNETIC LOCK, DOOR POSITION SWITCH, WIRING, ETC. FOR THIS EXISTING DOOR. COORDINATE FIELD CONDITIONS AND PROVIDE LAYOUT FOR APPROVAL.
  - ALL SEG CELL AND HOLDING CELL CAMERAS SHALL HAVE PRESENCE DETECTION. CEILING MOUNT THE DEVICE ABOVE THE CELL BED. COORDINATE EACH CELL MOUNT WITH THE OWNER. PROVIDE STAINLESS STEEL SECURITY SCREWS. PROVIDE POLYCARBONATE PROTECTIVE COVER STI MODEL NUMBER STI-8130 OR EQUAL. DRILL HOLE IN TOP OF THE STEEL PRECAST CELL, HOMERUN CONTROL CABLE TO THE NEAREST SECURITY EQUIPMENT ROOM. PROVIDE NON-WIRE PULL CONFIGURATION.
  - PROVIDE (2) 55" WALL MOUNTED CCTV MONITORS, CCTV DESK MOUNTED MASTER STATION PC AND UPS BELOW DESK. COORDINATE LOCATION WITH CAPTAIN. REMOVE EXISTING CCTV EQUIPMENT.

- NOTES: FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)**
- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
  - COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
  - WHERE WALL, FLOOR AND/OR CEILING MUST BE MODIFIED FOR NEW INSTALL OF EACH DEVICE, CUT AND PATCH AS REQUIRED, PAINT TO MATCH EXISTING.
  - IF HOME RUN NEEDS TO BE ROUTED EXPOSED, ie, HOUSING AND INMATE AREAS, CONDUIT SHALL BE MINIMUM 12"-0" AFF AND STRAPPED EVERY 12". STRAPS SHALL HAVE DOUBLE SCREWS. SINGLE BELOW SCREW STRAPS ARE NOT ALLOWED IN INMATE AREAS.
  - NEW DEVICES INCLUDE, CAMERAS, CARD READERS, ELECTRIC LOCKS, DOOR POSITION SWITCHES, EXIT REQUEST PUSHBUTTONS, PIR DEVICES, DURESS PUSHBUTTONS, INTERCOMS, CAMERAS MONITORS, PC UNITS, UPS UNITS, UNLOCK PUSHBUTTONS, ETC.



**1 FIRST FLOOR PLAN**  
ES21 SCALE: 1/8" = 1'-0"

KEY PLAN:

revisions:

**TANNER HOSKINS ENGINEERING CONSULTANTS, LLC**

ELECTRONIC SECURITY SYSTEMS, ELECTRICAL, LOW VOLTAGE & SECURITY HARDWARE

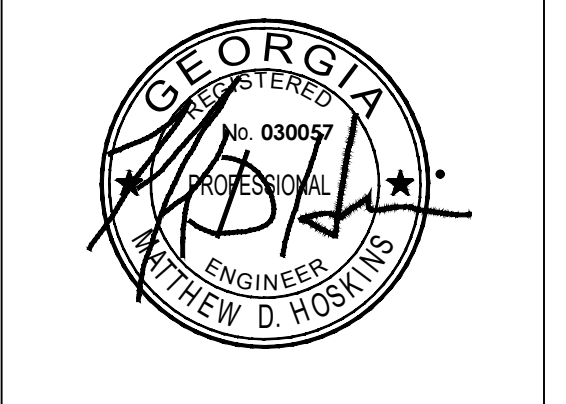
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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**

25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades



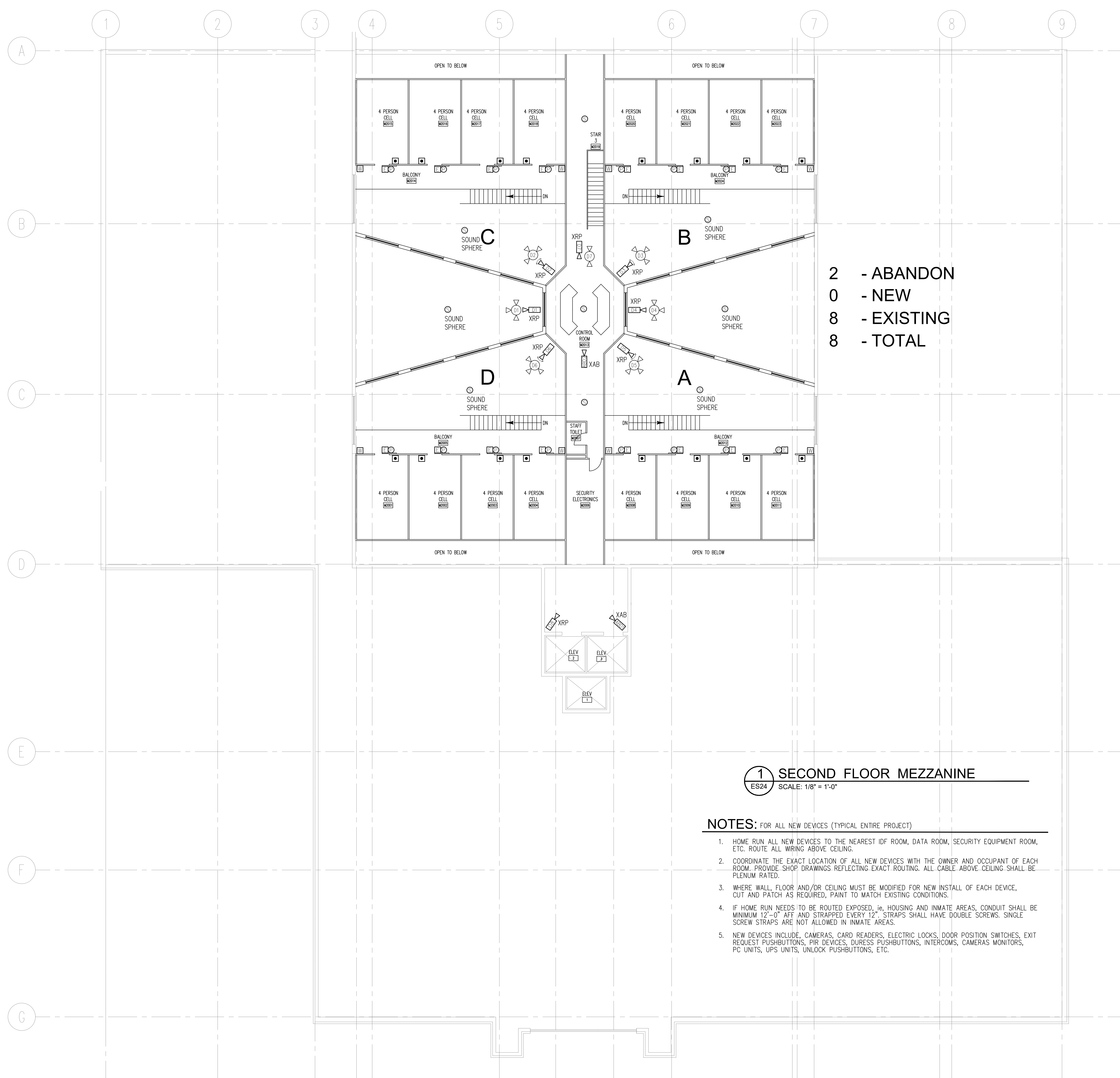
JULY 20, 2021

date:  
**JAN 21, 2022**  
CONSTRUCTION SET

SECOND FLOOR PLAN  
MEZZANINE JAIL AND LEC  
SECURITY SYSTEMS  
UPGRADES

**ES2.4**

RELEASED FOR CONSTRUCTION



**1 SECOND FLOOR MEZZANINE**  
ES24 SCALE: 1/8" = 1'-0"

- NOTES:** FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)
- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
  - COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
  - WHERE WALL, FLOOR AND/OR CEILING MUST BE MODIFIED FOR NEW INSTALL OF EACH DEVICE, CUT AND PATCH AS REQUIRED, PAINT TO MATCH EXISTING CONDITIONS.
  - IF HOME RUN NEEDS TO BE ROUTED EXPOSED, ie. HOUSING AND INMATE AREAS, CONDUIT SHALL BE MINIMUM 12'-0" AFF AND STRAPPED EVERY 12". STRAPS SHALL HAVE DOUBLE SCREWS. SINGLE SCREW STRAPS ARE NOT ALLOWED IN INMATE AREAS.
  - NEW DEVICES INCLUDE: CAMERAS, CARD READERS, ELECTRIC LOCKS, DOOR POSITION SWITCHES, EXIT REQUEST PUSHBUTTONS, FIR DEVICES, DURESS PUSHBUTTONS, INTERCOMS, CAMERAS MONITORS, PC UNITS, UPS UNITS, UNLOCK PUSHBUTTONS, ETC.

KEY PLAN:



revisions:


**TANNER HOSKINS ENGINEERING CONSULTANTS, LLC**

ELECTRONIC SECURITY SYSTEMS, ELECTRICAL, LOW VOLTAGE & SECURITY HARDWARE

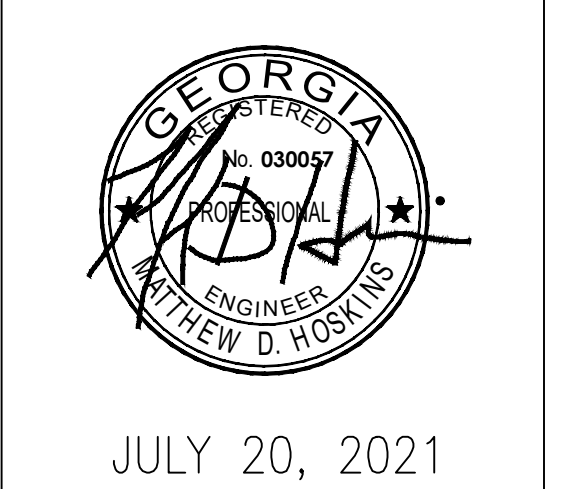
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**Dawson County Law Enforcement Center/Jail & Government Center Comprehensive Security System Upgrade**

25 Justice Way - Suite 2223 - Dawsonville, GA 30534

Project #367-20 - Security Systems Upgrades

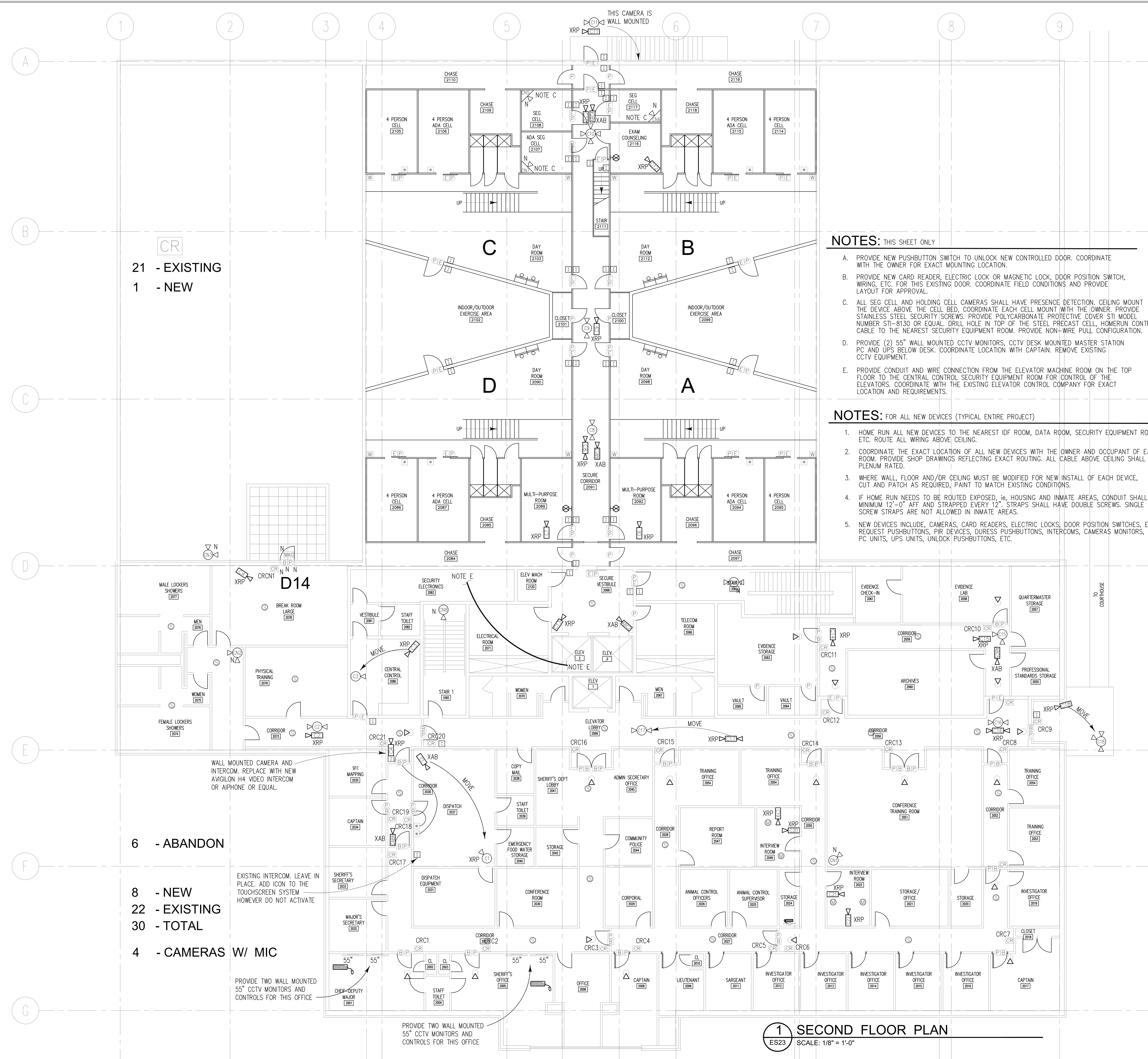


date:  
JAN 21, 2022  
CONSTRUCTION SET

SECOND FLOOR PLAN  
JAIL AND LEC  
SECURITY SYSTEMS  
UPGRADE

**ES2.3**

RELEASED FOR CONSTRUCTION



CR  
21 - EXISTING  
1 - NEW

6 - ABANDON  
8 - NEW  
22 - EXISTING  
30 - TOTAL  
4 - CAMERAS W/ MIC

WALL MOUNTED CAMERA AND INTERCOM. REPLACE WITH NEW AVIGILON H4 VIDEO INTERCOM OR AIPHONE OR EQUAL.

EXISTING INTERCOM. LEAVE IN PLACE. ADD ICON TO THE TOUCHSCREEN SYSTEM HOWEVER DO NOT ACTIVATE

PROVIDE TWO WALL MOUNTED 55" CCTV MONITORS AND CONTROLS FOR THIS OFFICE

PROVIDE TWO WALL MOUNTED 55" CCTV MONITORS AND CONTROLS FOR THIS OFFICE

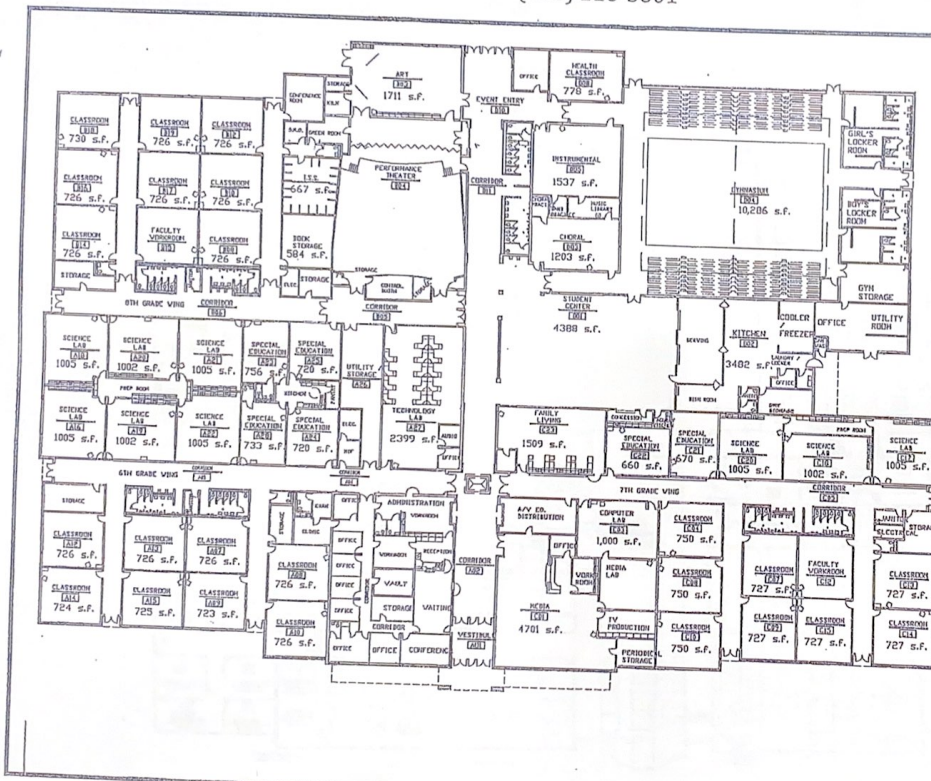
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- PROVIDE NEW PUSHBUTTON SWITCH TO UNLOCK NEW CONTROLLED DOOR. COORDINATE WITH THE OWNER FOR EXACT MOUNTING LOCATION.
  - PROVIDE NEW CARD READER, ELECTRIC LOCK OR MAGNETIC LOCK, DOOR POSITION SWITCH, WIRING, ETC. FOR THIS EXISTING DOOR. COORDINATE FIELD CONDITIONS AND PROVIDE LAYOUT FOR APPROVAL.
  - ALL SEG CELL AND HOLDING CELL CAMERAS SHALL HAVE PRESENCE DETECTION. CEILING MOUNT THE DEVICE ABOVE THE CELL BED. COORDINATE EACH CELL MOUNT WITH THE OWNER. PROVIDE STAINLESS STEEL SECURITY SCREWS. PROVIDE POLYCARBONATE PROTECTIVE COVER STI MODEL NUMBER STI-8130 OR EQUAL. DRILL HOLE IN TOP OF THE STEEL PRECAST CELL, HOMERUN CONTROL CABLE TO THE NEAREST SECURITY EQUIPMENT ROOM. PROVIDE NON-WIRE PULL CONFIGURATION.
  - PROVIDE (2) 55" WALL MOUNTED CCTV MONITORS, CCTV DESK MOUNTED MASTER STATION PC AND UPS BELOW DESK. COORDINATE LOCATION WITH CAPTAIN. REMOVE EXISTING CCTV EQUIPMENT.
  - PROVIDE CONDUIT AND WIRE CONNECTION FROM THE ELEVATOR MACHINE ROOM ON THE TOP FLOOR TO THE CENTRAL CONTROL SECURITY EQUIPMENT ROOM FOR CONTROL OF THE ELEVATORS. COORDINATE WITH THE EXISTING ELEVATOR CONTROL COMPANY FOR EXACT LOCATION AND REQUIREMENTS.

- NOTES: FOR ALL NEW DEVICES (TYPICAL ENTIRE PROJECT)**
- HOME RUN ALL NEW DEVICES TO THE NEAREST IDF ROOM, DATA ROOM, SECURITY EQUIPMENT ROOM, ETC. ROUTE ALL WIRING ABOVE CEILING.
  - COORDINATE THE EXACT LOCATION OF ALL NEW DEVICES WITH THE OWNER AND OCCUPANT OF EACH ROOM. PROVIDE SHOP DRAWINGS REFLECTING EXACT ROUTING. ALL CABLE ABOVE CEILING SHALL BE PLENUM RATED.
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**1 SECOND FLOOR PLAN**  
ES23 SCALE: 1/8" = 1'-0"

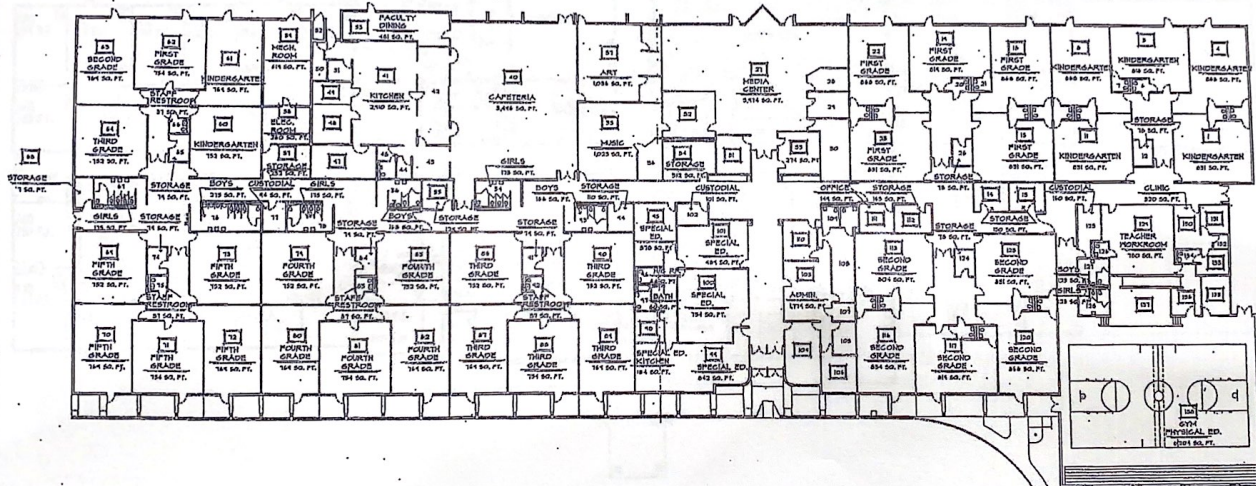
KEY PLAN:

Dawson Co. Jr. High  
 332 Hwy. 9 North  
 Dawsonville, GA 30534  
 (706) 216-5801

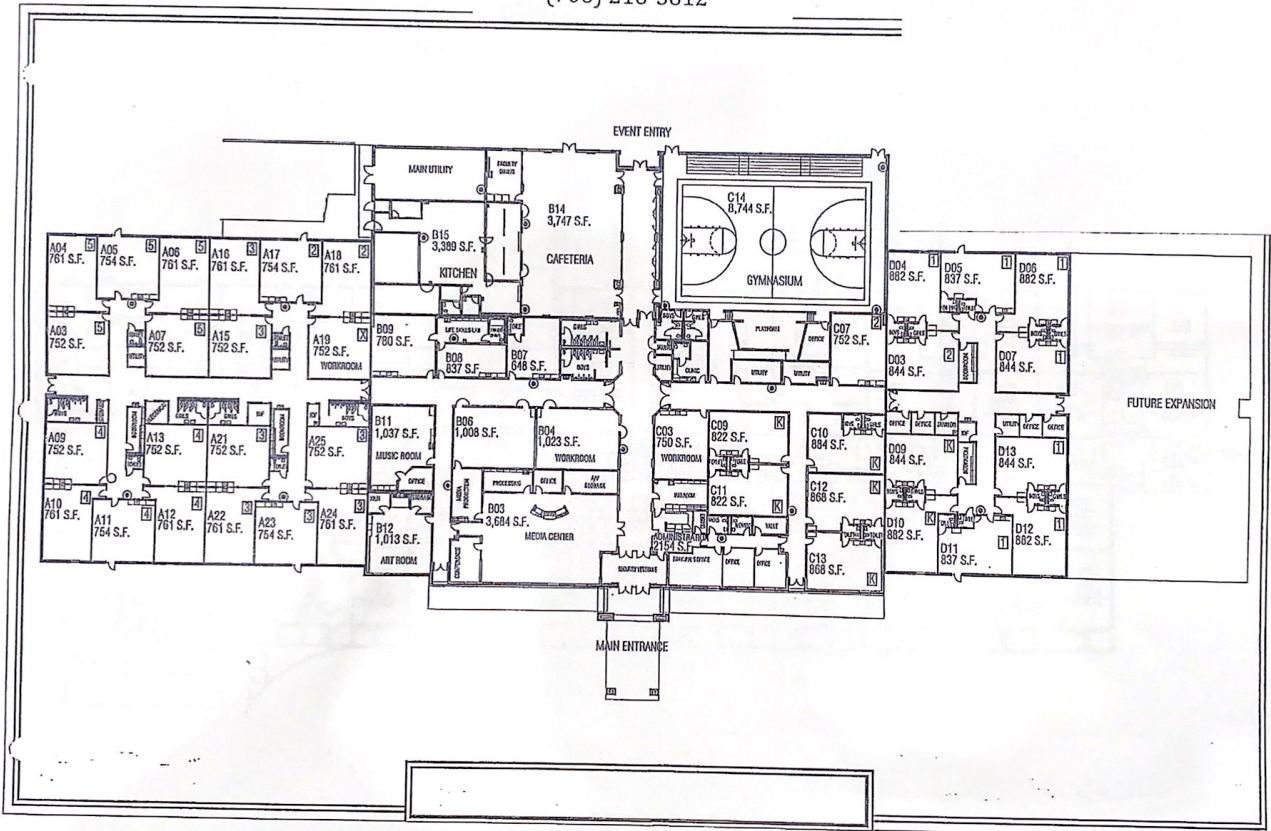


BUILDING AREA					
(PER STATE FACILITIES GUIDELINES)					
TOTAL BUILDING AREA *	80,402 S.F.				
FTE #	310 SIXTEENS				
TOTAL #	48				
FINANCING BY LOCAL EFFORT - REQUIRED CORE AREAS					
(PER STATE FACILITIES GUIDELINES)					
REQUIRED	KITCHEN AREA				
PROVIDED	2000 S.F.				
REQUIRED	DINING AREA				
PROVIDED	2801 S.F.				
REQUIRED	MEDIA CENTER AREA				
PROVIDED	4348 S.F.				
REQUIRED	5325 S.F.				
PROVIDED	4301 S.F.				
REQUIRED HIGH-RISE FLOORING FEATURES					
(PER STATE FACILITIES GUIDELINES)					
# OF ROOMS FOR EACH FEATURE					
Feature	10' MIN	12' MIN	14' MIN	16' MIN	18' MIN
ROUNDED	U	4	4	4	3
STANDARD	20	12	13	14	10

Kilough Elementary  
1063 Kilough Church Rd.  
Dawsonville, GA 30534  
(706) 216-8595



Riverview Elementary  
370 Dawson Forest Rd.  
Dawsonville, GA 30534  
(706) 216-5812



Robinson Elementary  
1150 Perimeter Rd.  
Dawsonville, GA 30534  
(706) 265-6544

