

Scott County Facility and Support Services Department  
Purchasing Division  
600 West Fourth Street, Davenport, Iowa 52801-1030  
Phone: (563) 326-8793  
Fax: (563) 328-3245  
E-Mail: [purchasing@scottcountyiowa.com](mailto:purchasing@scottcountyiowa.com)

**REQUEST FOR QUOTATION**

**Scott County Requisition No. 18669**

**Bidders need to complete and submit this form.**

Submission Date: <b>9/1/2010</b>	No Later Than: <b>10:00 a.m.</b>
----------------------------------	----------------------------------

Qty	Description
	<b>Telecommunications Cabling Project for Juvenile Court Services</b>
	<b>Scope of work attached</b>
	<b>Drawings attached</b>
	Delivery Included
	price quotation good for 60 days
	From time to time it may be necessary to change or modify a request for purchase. If you have received this request from any other source other than direct fax or email from Scott County, it is your responsibility to check for updates and/or changes to the request. If you would like to receive automatic updates please register your company in our vendor data base by using our website, <a href="http://www.scottcountyiowa.com/fss/purchasing.php">www.scottcountyiowa.com/fss/purchasing.php</a>

Scott County reserves the right to accept the bid from the lowest responsible bidder.

Quote submitted by:

Released by:  
(Scott County Use Only)

\_\_\_\_\_  
Name

Date: 8/18/2010  
Time: 9:00 a.m.

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company

**PLEASE NOTE:**

**Bidders must provide an estimated delivery date in their bid response!**

\_\_\_\_\_  
Date

Company Contact Information:	Phone:
	E-Mail:

“By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.”

## Request For Bids

### Telecommunications Cabling

Juvenile Court Services Project  
Project #FSS1008-01

The Scott County Facility and Support Services Department is requesting bids for telecommunications cabling for the Scott County Juvenile Court Services, currently under construction. It is our intent to contract with a qualified, experienced cabling or telecommunications contractor to provide and install telecommunications premise cabling and terminations in all areas of the project. Interested contractors and vendors should submit bids for the project based on the following specifications.

#### **SUBMITTAL INSTRUCTIONS**

Interested bidders must submit a sealed bid according to the instructions herein. Bids should be placed in a sealed envelope marked as follows:

SEALED BID  
ATTN: PURCHASING DIVISION  
Juvenile Court Services Cabling Bid  
PROJECT #FSS1008-01  
600 West Fourth Street  
Davenport, IA 52801

Faxed bids of 15 pages or less will be accepted at 563-328-3245. Faxed bids must include the above information in the cover page and must be received in their entirety before the bid deadline. Scott County is not responsible for incomplete or non-received faxed bids. To receive confirmation of faxed bids please contact the purchasing division, Barb Schloemer at 563-326-8793.

**Bids must be received at the above address before 10:00 a.m. on September 1, 2010.**  
Bids received after that time will not receive consideration.

Questions about the bid or bid specifications should be directed to:

Dave Donovan  
[ddonovan@scottcountyiowa.com](mailto:ddonovan@scottcountyiowa.com)  
563.326.8228

-or-

Tammy Speidel  
[tspeidel@scottcountyiowa.com](mailto:tspeidel@scottcountyiowa.com)  
563.328.3241

Scott County reserves the right to reject any and/or all bids. Scott County reserves the right to accept the best bid, not necessarily the lowest bid. The decisions and interpretations of Scott County, its staff and the Scott County Board of Supervisors are final and are not subject to appeal.

## **PRE-BID MEETING**

Prospective bidders are encouraged to attend a pre-bid meeting to discuss the bidding requirements, plans and specifications and to inspect the project site. Date for pre-bid / site walk through meeting is:

Friday, August 20, 2010 at 10:00 a.m.

Tuesday, August 24, 2010 at 11:00 a.m.

Pre-bid meetings will be held in Conference Room E225 (second floor above Jail visitation) at the Scott County Courthouse, 400 West 4<sup>th</sup> Street, Davenport, IA 52801. A site inspection will immediately follow the meeting. Pre-bid attendees are encouraged to bring a hard hat/safety glasses and to be prepared to visit an active construction site.

Requests for site visits outside of the above times will be handled on a case by case basis. Individual site visits are discouraged. Scott County is not responsible for scheduling conflicts. Should a contractor require additional on-site time please contact Dave Donovan or Tammy Speidel. Scheduling of site visits outside of the above dates and times will be very limited.

## **PROJECT DOCUMENTS**

All bids must be based on the project documents along with site visit inspection and conditions. The project documents consist of bid specifications attached herein, cabling schedule, project drawings and any addenda issued for the project.

The architectural drawing set consists of architectural and engineering drawings prepared by Bracke, Hayes, Miller and Mahon including pertinent electrical drawings showing termination locations and floor plans. Furniture layouts by Paragon show the location of free standing and systems furniture. Drawing sets and specifications are available from Scott County at the pre-bid conference or by contacting Tammy Speidel or Dave Donovan at:

Dave Donovan  
[ddonovan@scottcountyiowa.com](mailto:ddonovan@scottcountyiowa.com)  
563.326.8228

Tammy Speidel  
[tspeidel@scottcountyiowa.com](mailto:tspeidel@scottcountyiowa.com)  
563.328.3241

## **AWARD OF BID AND COMMENCEMENT OF WORK**

Award of bid shall occur on or about September 16, 2010. CONTRACTOR must be prepared to commence work on or about September 27, 2010. CONTRACTOR shall complete work on the project by December 27, 2010. Both the work commencement date and completion date are subject to coordination with the general contractor and the schedule of other construction work for the overall project.

## **BID SPECIFICATIONS**

### **A. Scope of Work**

1. Install telecommunications cabling from each identified location. Install telecommunications cabling to any additional locations identified at the pre-bid meetings and summarized in addenda. Route all cabling through common corridors, above finish ceiling except in rooms with access flooring or at in-floor termination locations. Route cabling using CONTRACTOR provided J-hooks. Verify routing with OWNER.
2. CONTRACTOR shall comply with all general provisions of the project specifications.
3. At each termination location denoted by a diamond telecom symbol or a denoted cabling junction box ("J" in a circle) install cabling through conduit and backing box provided by others. Route cabling from conduit sweeps to corridor. Install "J" hooks or other approved cable tray product to carry cabling back to Data/Telecom Room (#3.1).
4. At each termination location, install and terminate three (3) cables unless indicated otherwise herein or in other project documents.
5. Where required, route telecommunications cabling through systems furniture and install termination in panel partition surface. Provide all parts and labor to completely install termination in systems furniture.
6. Terminate each cabling run into quad termination plates with 3 active ports and one blank as required. Mount termination devices into backing boxes. Install trim escutcheons to facilitate an aesthetic appearance.
7. Number and label each termination. Labeling convention shall be "room # - location count in room (1, 2, 3...) – jack at that location (A, B, C, D)".
8. Install "J" hooks with retainer clips as required to support all cabling above the ceiling. Provide support hooks, minimum of every 6 feet. Ensure that installation methods support and protect the integrity of the cable. Avoid tight radius bends and pinch points. Install cabling in accordance with manufacturer recommendations. Route cabling away from high voltage electrical sources to avoid interference. Coordinate above ceiling routing with owner and general contractors to avoid conflicts. Contractor shall verify ceiling clearances and existing and future ductwork, piping, etc. to avoid conflicts.
9. Install wire ties on all cable bundles in all corridor runs and in equipment rooms. Install ties minimum of one per six foot. In equipment room install wire ties on cable bundles minimum of one per 2 feet. Install all ties loose enough to move the tie on the bundle to avoid pinching cable. All wire ties shall be Velcro or equivalent, reusable type.
10. Route all installed cabling locations to Data/Telecom Room (Rm. 3.1). In that room, route cabling via overhead cable tray (by others) to data racks (by others). At the rack location CONTRACTOR shall provide patch panels (Panduit™ CPPA24FMWBLY or CPPA48FMWBLY) in sufficient quantity to terminate all cabling.

### **B. Approved Wiring Devices and Products**

1. All cabling shall be Category 6 Panduit™ PUP6004BU-UY plenum rated cable or comparable General™ cable product (also plenum rated) installed to meet manufacturer and Cat 6 standards.
2. Approved cabling manufacturers are Panduit and General as outlined above. No alternatives will be considered due to standardization from previous projects.
3. Cabling termination devices shall be Panduit™ Minicom products that have are certified for Cat 6 throughput and integrity.
4. Approved termination and connectivity device manufacturer is Panduit. No alternatives will be considered due to standardization from previous projects.

5. Provide owner with copies of manufacturer certification and compatibility to Cat 6 standards and throughput.
6. Cabling and termination escutcheon color shall be blue.
7. Provide and install plenum rated fiber optic riser cable from MDF room (lower level of Courthouse) to Data/Telecom room. Termination by others.
8. Cables shall all be routed as specified herein to the Data/Telecom Room (Rm #3.1) and terminated in CONTRACTOR provided patch panels as outlined above in the scope of work.

#### **D. Termination Standards**

Contractor shall provide all products and equipment necessary to terminate all cabling using Panduit™ Minicom TG style jacks. All Cat 6 or Cat 6A cabling shall be terminated both ends using TIA 568B protocols. Verify those pinning protocols with the owner prior to commencing terminations.

#### **E. Testing and Warranty**

1. CONTRACTOR shall test each cable run and each individual fiber for integrity and throughput to meet manufacturer's specifications and to qualify for integrated component guarantees provided by approved system alliances. Any cable runs or fibers not meeting manufacturers specification ranges shall be replaced at CONTRACTOR expense. Deliver test and throughput documents to OWNER at conclusion of installation.
2. CONTRACTOR shall warrant cable system and fiber integrity and throughput for a period of one year from date of project acceptance.
3. CONTRACTOR shall provide testing and warranty documentation in suitable electronic formats (MSExcel , AutoCAD) as specified herein.

#### **F. Project Access and Coordination**

1. Owner shall provide reasonable access to the jobsite to allow the CONTRACTOR to complete the work required. Normal business hours for the Juvenile Court Services construction site are Monday through Friday, 7:00 a.m. to 4:00 p.m. (Scott County recognized holidays excluded). Access outside of normal business hours may be limited and must be closely coordinated with the General Contractor, Precision Builders.
2. CONTRACTOR shall coordinate all activities with the owner, the on-site general contractor and the electrical contractor.
3. CONTRACTOR must comply with all safety and site security requirements and should expect to work in an active construction site, with multiple trades competing and coordinating for access to portions of the building to complete their required work. If a dispute arises, the General Contractor shall mediate said dispute with the assistance of the OWNER.
4. If the CONTRACTOR requires on-site storage, it must be coordinated with the General Contractor. CONTRACTOR shall not expect to store quantities of materials within the building that would impede other project work. If storage is required for quantities of materials CONTRACTOR should plan to provide their own storage container or trailer and coordinate same with General Contractor.
5. Completion for Juvenile Court Services space is scheduled for December 27, 2010. CONTRACTOR shall schedule adequate resources to allow for the completion of all cable pulls and above ceiling work before November 18, 2010 to allow general contractor to complete ceiling tile installation. Between January 10 and January 21 all furniture will be installed. All wall jacks should be installed by

that time. CONTRACTOR shall follow up and coordinate with the furniture install to insure all trim out into systems furniture is complete by January 27, 2011.

**G. Installation Documentation – As-Builts**

1. CONTRACTOR shall provide to OWNER as built documentation for the telecommunications installation. Documentation shall include a spreadsheet showing all numeric terminations by floor, room and wall location (ex. North wall, middle west wall, in systems furniture cubicle 405G). Said spreadsheet shall be delivered in MSEXcel™ format.
2. CONTRACTOR will prepare an AutoCad™ drawing showing termination jack locations. Also note any cabling routing that deviates from the standards herein (in main corridors, entering above doors). OWNER shall provide CONTRACTOR with AutoCad™ base drawing showing wall and furniture locations.
3. CONTRACTOR shall provide testing and warranty documentation in suitable electronic formats (MSEXcel , AutoCAD) as specified herein.

**INSURANCE REQUIREMENTS AND INDEMNIFICATION**

The Contractor shall have in force during the period of this contract, insurance as listed below:

**Bodily Injury and Property Damage Insurance:** The CONTRACTOR shall take out and maintain during the life of this contract, bodily injury and property damage liability insurance under a comprehensive general form and automobile injury and property damage insurance under a comprehensive general form.

The required limits of this insurance shall not be less than:

**General Liability:**

Personal Injury – each person	\$1,000,000
Personal Injury – each occurrence	\$1,000,000
Personal Injury – Aggregate	\$1,000,000
Personal Damage – each occurrence including Broadform Liability Extension	\$1,000,000

**Automobile Liability – Owner, Non-Owned and Hired  
Vehicles:**

Personal Injury – each person	\$1,000,000
Personal Injury – each occurrence	\$1,000,000
Personal Damage – each occurrence	\$1,000,000

The above insurance shall cover the contractor's employees, the public and Scott County employees while in the buildings and on the grounds of Scott County.

**Certificates of Insurance:**

The CONTRACTOR shall deliver to **Facility & Support Services, ATTN: Dave Donovan and Tammy Speidel, Scott County Administrative Center, 600 W. 4<sup>th</sup> St., Davenport, IA 52801**, certificates of insurance covering all above insurance in duplicate. Such certificates shall provide ten days prior to notice by registered mail of any material change in, or cancellation of this insurance. CONTRACTOR shall maintain this coverage on a standard CGL form for the benefit of Owner and the general public

throughout the term of this agreement, and if a carrier or policy is changed, CONTRACTOR shall provide Owner with a replacement Certificate of Insurance.

**Additional Contractual Liability Insurance:**

The CONTRACTOR shall take out and maintain during the life of this contract, additional liability insurance as outlined below:

**Products and Completed Operations Liability Insurance:**

The CONTRACTOR shall also take out Products and Completed Operations Liability Insurance of limits not less than any of the above limits specified in these qualifications.

**Workmen's Compensation and Employer's Liability:**

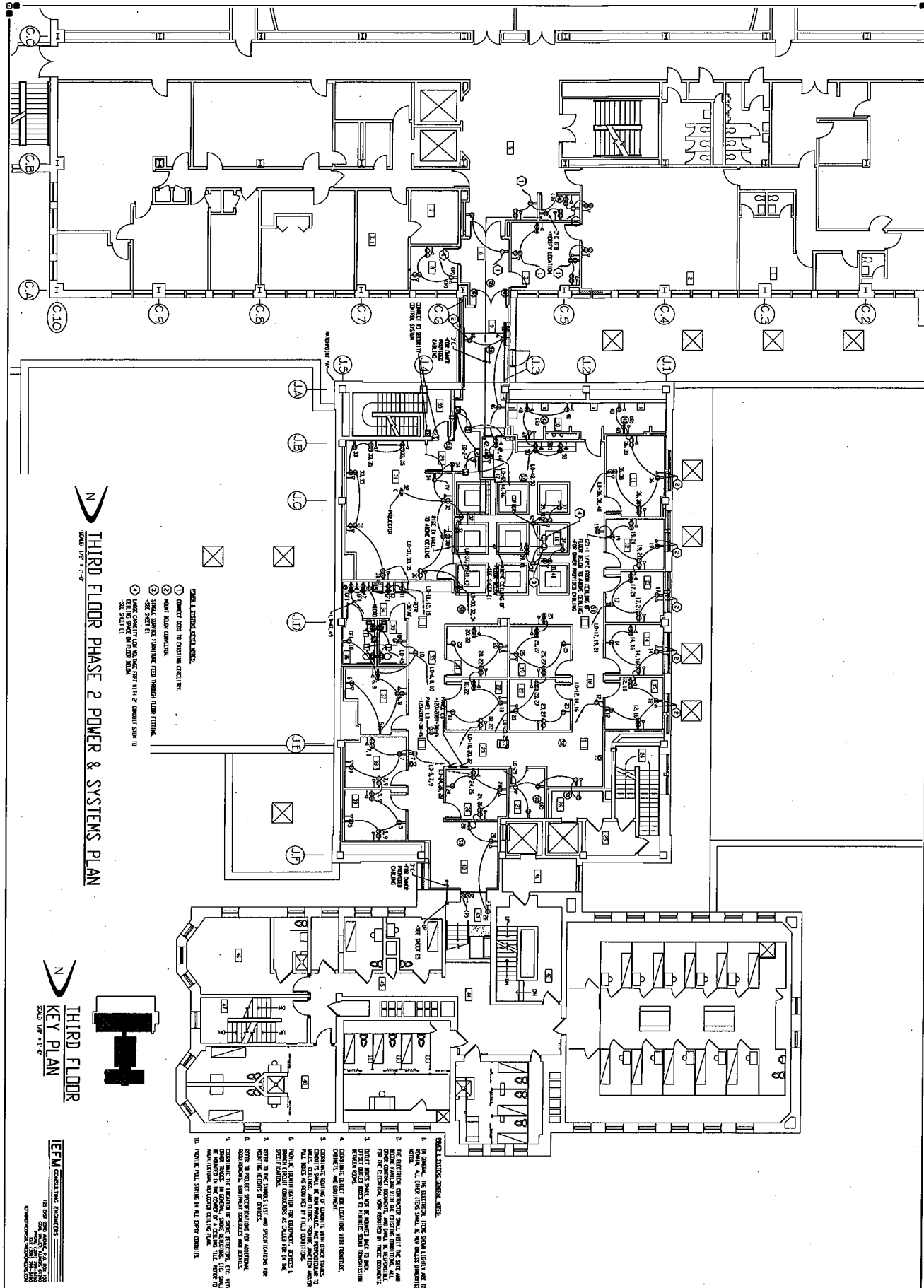
The CONTRACTOR shall maintain during the life of this contract, the statutory workmen's compensation and employer's liability insurance for all employees to be engaged in the work under the contract. The amount of coverage for Employer's Liability Insurance shall not be less than One Million (\$1,000,000).

**INDEMNIFICATION**

To the fullest extent permitted by law, the CONTRACTOR shall indemnify and hold harmless the Owner and their agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the performance of the WORK, provided that any such claim damage, loss or expense (1) is attributed to bodily injury, sickness, disease or death or to injury to injury to or destruction of tangible property (other than the WORK itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, and subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce and otherwise exist as to any party or person described in this paragraph.

In any and all claims against the Owner or any of their agents or employees by any employee of the CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them or anyone whose acts any of them may be liable, the indemnification obligation under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

Scott County reserves the right to reject any or all bids or proposals submitted without cause. Further Scott County reserves the right to re-bid or re-solicit for proposals for this project at any time in the future. By submitting a proposal or bid each CONTRACTOR acknowledges these rights and authorizes Scott County to exercise them should the situation warrant.



THIRD FLOOR PHASE 2 POWER & SYSTEMS PLAN  
SCALE: 1/8" = 1'-0"

THIRD FLOOR KEY PLAN  
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:
1. CONDUIT SIZE TO BE DETERMINED.
  2. VERIFY ROOM CONTENTS.
  3. VERIFY SERVICE PANELS AND METER FLOOR FINISH.
  4. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.

- GENERAL NOTES:
1. IN ROOM, THE ELECTRICAL LINE SHALL BE RATED FOR THE LOAD. ALL OTHER THAN SHALL BE RATED FOR THE LOAD.
  2. THE ELECTRICAL CONDUIT SHALL BE RATED FOR THE LOAD AND SHALL BE RATED FOR THE LOAD. ALL OTHER THAN SHALL BE RATED FOR THE LOAD.
  3. VERIFY ROOM CONTENTS.
  4. VERIFY SERVICE PANELS AND METER FLOOR FINISH.
  5. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.
  6. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.
  7. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.
  8. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.
  9. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.
  10. VERIFY CONDUIT RUN IN RACE OR VEH. 2" CONDUIT SIZE TO BE DETERMINED.

TEAM CONSULTING ENGINEERS  
1000 10th Street, Suite 100  
Davenport, IA 52801  
563.325.1100  
www.teamce.com

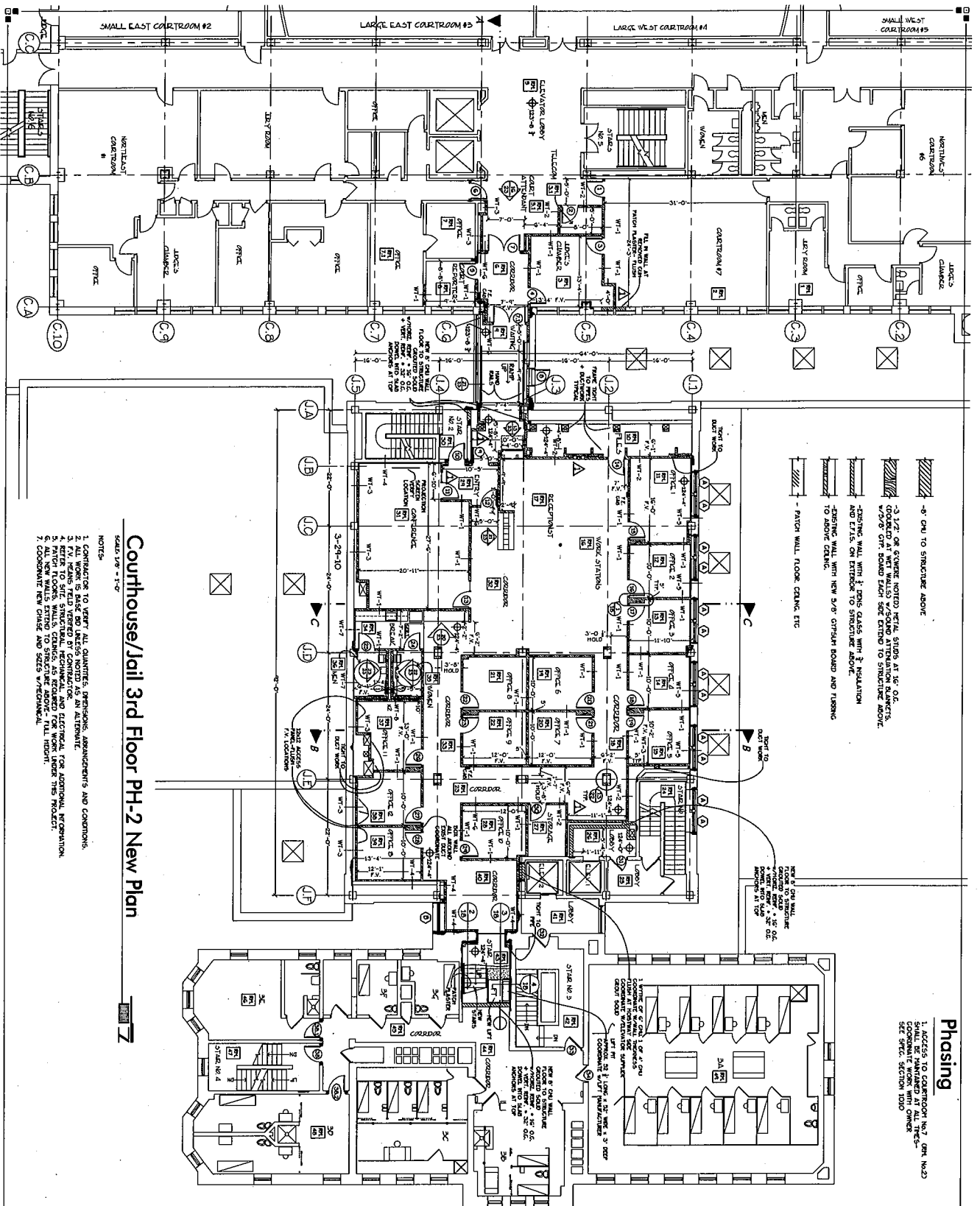
THIRD FLOOR PHASE 2 POWER & SYSTEMS PLAN  
E3  
of 5



Renovation of 3rd Floor for  
Juvenile Court Services  
Scott County Courthouse  
Davenport, Iowa

BRMML  
Bracke  
Hayes  
Miller  
Mahon,  
Architects LLP  
1465 4th Street  
Moline, Illinois 6245  
309.762.6511  
1315 East 11th Street  
Davenport, Iowa 5280  
563.325.9494





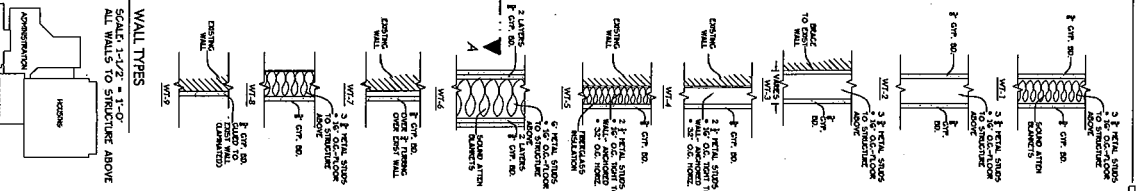
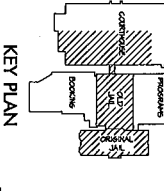
**Courthouse/Jail 3rd Floor PH-2 New Plan**

- SCALE: 1/8" = 1'-0"
- NOTES:
1. CONDITIONS TO VERIFY: ALL QUANTITIES, DIMENSIONS, ARRANGEMENTS AND CONDITIONS.
  2. ALL WORK IS AS SHOWN UNLESS NOTED AS AN ALTERNATE.
  3. F.V. MEANS FIELD VERIFIED BY CONTRACTOR.
  4. F.V. MEANS FIELD VERIFIED BY ARCHITECT FOR APPROVAL, REVISION OR REJECTION.
  5. FLOOR FINISHES, WALLS, CEILING AND BOARDING FOR WORK UNDERWAY TO BE INDICATED BY ARCHITECT.
  6. ALL NEW WALLS EXTENDING TO STRUCTURE ABOVE - FULL HEIGHT.
  7. COORDINATE NEW CHASES AND SIZES WITH CONTRACTOR.

- 0-8" CMU TO STRUCTURE ABOVE
- 3/4" LVL OR GYPSUM NOTED REINFORCING STUDS AT 16" O.C.
- 1/2" GYPSUM BOARD EACH SIDE EXTEND TO STRUCTURE ABOVE.
- INSULATING WALL WITH 1/2" DENS GLASS WITH 1/2" INSULATION AND EXTERIOR ON EXTEND TO STRUCTURE ABOVE.
- INSULATING WALL WITH NEW 5/8" GYPSUM BOARD AND FINISHING TO ABOVE CRANK.
- FINISH WALL, FLOOR, CEILING, ETC.

**Phasing**

1. ACCESS TO COURTRROOM NO. 7 (RM. NO. 2) SHALL BE MAINTAINED AT ALL TIMES - COORDINATE WORK WITH OWNER.
2. SEE OTHER SHEETS FOR PHASING.



3rd FLOOR NEW PLAN PH. 2

**A.17**

of 29

- WALL TYPES
- SCALE: 1/4" = 1'-0"
- ALL WALLS TO STRUCTURE ABOVE
- 7-14-10
  - 6-4-10
  - 3-24-10
  - 3-18-10
  - 2-26-10
  - Complete 2009
  - Project No. 0919



**Renovation of 3rd Floor for Juvenile Court Services**

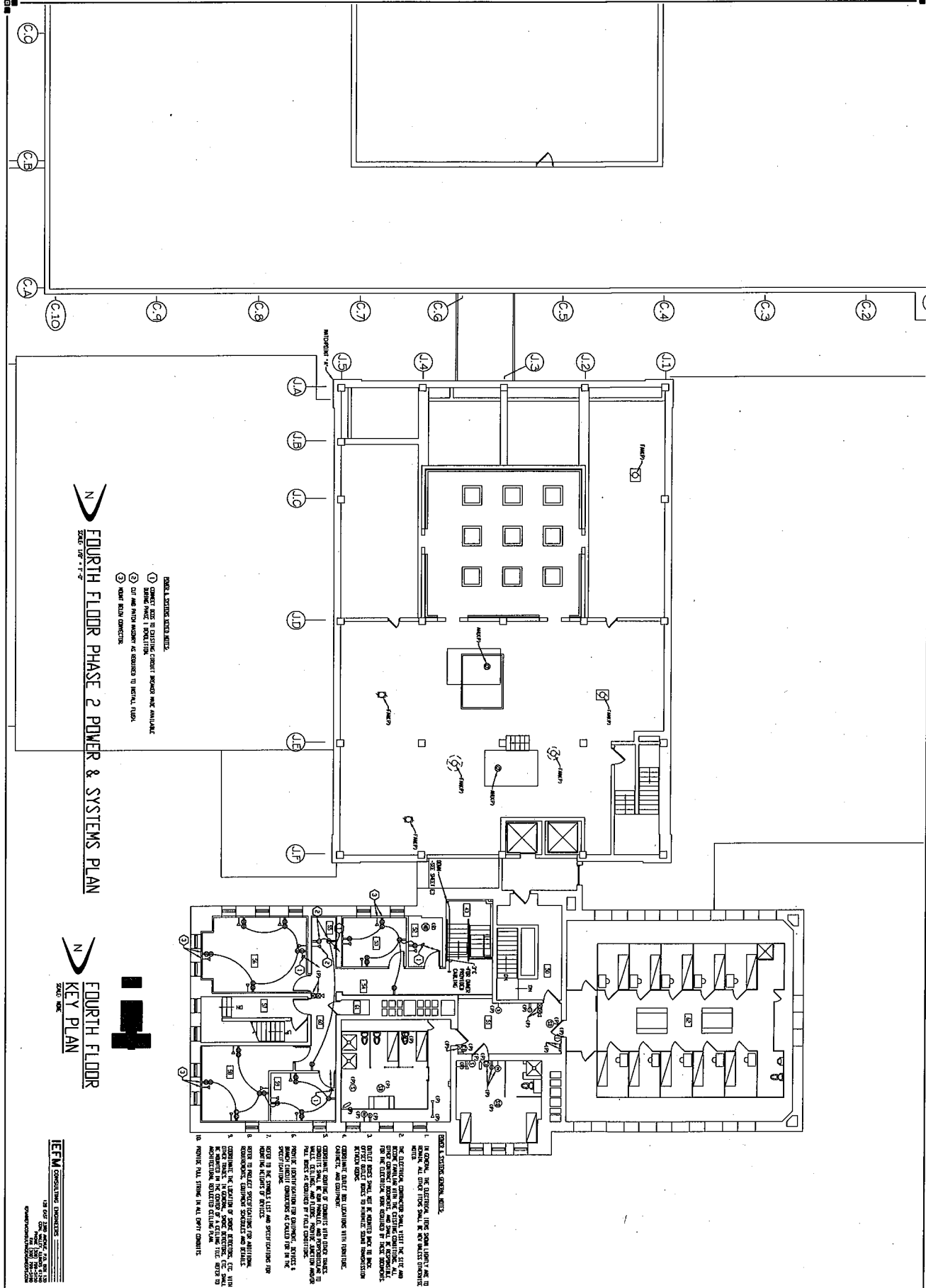
**Scott County Courthouse**

Davenport, Iowa

**BHMM**

Braeke  
Hayes  
Miller  
Mallott  
Architects LLP

1465 4th Street  
Davenport, Iowa 52803  
563233444



**FOURTH FLOOR PHASE 2 POWER & SYSTEMS PLAN**  
 SCALE: 1/8" = 1'-0"

- REFER EXISTING GENERAL NOTES:**
- 1. CONDUCT ASSESS TO EXISTING SYSTEMS. RECORD AND MAINTAIN.
  - 2. SHOW NEW AND EXISTING.
  - 3. USE THE FOLLOWING SYMBOLS AS SHOWN IN GENERAL NOTES.
  - 4. POINT DATA CONNECTIONS.

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



- REFER EXISTING GENERAL NOTES:**
1. IN ROOM, THE EXISTING LINE ROOM LIGHTING IS TO BE REMOVED. THE EXISTING LINE ROOM LIGHTING IS TO BE REMOVED. THE EXISTING LINE ROOM LIGHTING IS TO BE REMOVED.
  2. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  3. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  4. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  5. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  6. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  7. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  8. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  9. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.
  10. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH. THE EXISTING CORRIDOR SHALL BE LEFT IN PLACE AND SHALL BE REFINISHED TO MATCH THE EXISTING CORRIDOR FINISH.

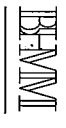
**ITEM CONSULTING ENGINEERS**  
 1000 WEST 10TH STREET, SUITE 100  
 DAVENPORT, IOWA 52808  
 563.324.4444

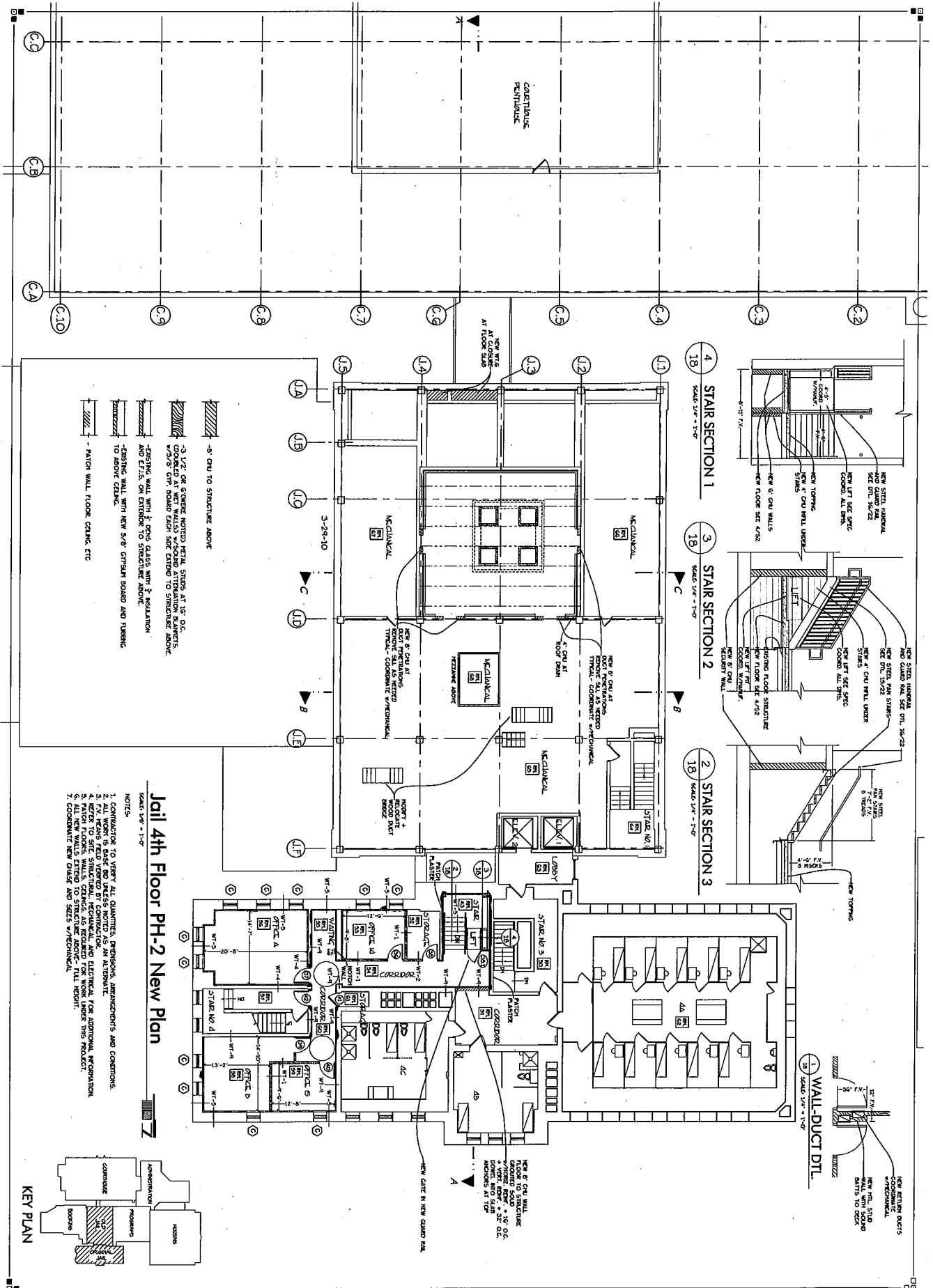
**FOURTH FLOOR PHASE 2 POWER & SYSTEMS PLAN**  
 of 5  
**ES**



**Renovation of 3rd Floor for Juvenile Court Services**  
**Scott County Courthouse**  
 Davenport, Iowa

**Bracke**  
**Hayes**  
**Miller**  
**Mahon,**  
**Architects LLP**  
 1465 4th Street  
 Moline, Illinois 6245  
 309.762.8511  
 1215 East 11th Street  
 Davenport, Iowa 5280  
 563.324.4444



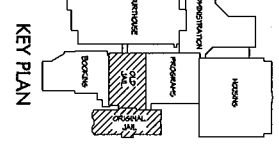


- 3 1/2" OR GREATER NOTCHED METAL STUDS AT 16" O.C.
- 2" X 2" CIP BOARD EACH SIDE STRONG TO STRUCTURE ABOVE.
- CHANGING WALL WITH 1/2" OPEN GLASS WITH 3" INSULATION AND EXTRA ON EXTERIOR TO STRUCTURE ABOVE.
- CHANGING WALL WITH NEW 5/8" GYPHUM BOARD AND FINISHING TO ABOVE CEILING.
- PARTIAL WALL FLOOR CEILING ETC.

- NOTES**
1. CONTRACTOR TO VERIFY ALL QUANTITIES, PREVISIONS, ARRANGEMENTS AND CONDITIONS.
  2. ALL WORK IS BASED UNLESS NOTED AS AN ALTERNATE.
  3. REFER TO SITE STRUCTURAL, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.
  4. PATCH FLOORS, WALLS, CEILING, AS REQUIRED FOR WORK UNDER THIS PROJECT.
  5. COORDINATE NEW CHASES AND SIZES WITH MECHANICAL.

**Jail 4th Floor PH-2 New Plan**

SCALE 1/8" = 1'-0"

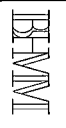


**A.18**  
4th FLOOR  
NEW PLAN  
PH.2  
of 29



**Renovation of 3rd Floor for  
Juvenile Court Services**  
Scott County Courthouse  
Davenport, Iowa

**Architects LLP**  
1465 4th Street  
Davenport, Iowa 52803  
563.233.8444



**Bracke  
Hayes  
Miller  
Mathon,  
Architects LLP**  
1465 4th Street  
Davenport, Iowa 52803  
563.233.8444