

purchasing@bouldercounty.org

# REQUEST FOR PROPOSAL COVER PAGE

RFP Number: 7152-20 **Lighting Upgrade Engineering** RFP Title: RFP Questions Due: June 10, 2020 – 2:00 p.m. Submittal Due Date: June 19, 2020 – 2:00 p.m. **Email Address:** purchasing@bouldercounty.org Documents included in this package: **Proposal Instructions Terms and Conditions** Specifications Insurance and W-9 Requirements **Submittal Checklist** 

**Evaluation Criteria** 

Signature Page Sample Contract

Drawings

Sustainability Questionnaire



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#### PROPOSAL INSTRUCTIONS

### 1. Purpose/Background

The City of Boulder is requiring buildings over 50,000 square feet to upgrade their lighting systems to 2017 COBECC. Boulder County is seeking an engineering firm to review existing conditions and provide documentation to enable completion of this work on the following buildings in 2021.

Downtown Main Courthouse	1325 Pearl St.	73,723
Jail	3200 Airport Rd.	127,606
Sheriff Headquarters	5600 Flatirons Pkwy	77,090
Justice Center	1777 6th St.	281,650
Recycling Center Processing & Administration	1901 E. 63rd St.	63,593

Additional information about the City of Boulders requirements can be found at the following web site:

<u>https://bouldercolorado.gov/sustainability/boulder-building-performance-efficiency-requirements</u>

### 2. Written Inquiries

All inquiries regarding this RFP will be submitted via email to the Boulder County Purchasing Office at <a href="mailto:purchasing@bouldercounty.org">purchasing@bouldercounty.org</a> on or before 2:00 p.m. June 10, 2020. A response from the county to all inquiries will be posted and sent via email no later than June 12, 2020.

Please do not contact any other county department or personnel with questions or for information regarding this solicitation.

#### 3. Submittal Instructions

Submittals are due at the email box <u>only</u>, listed below, for time and date recording on or before **2:00 p.m. Mountain Time on June 19, 2020.** 

Please note that email responses to this solicitation are limited to a maximum of 50MB capacity. NO ZIP FILES ALLOWED. Electronic submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

**Email** <u>purchasing@bouldercounty.org</u>; identified as **RFP** # **7152-20** in the subject line.

All RFPs must be received, and time and date recorded by authorized county staff by the above due date and time. Sole responsibility rests with the proposer to see that their RFP response is received on time at the stated location(s). Any responses received after due date and time will be returned to the proposer.

The Board of County Commissioners reserves the right to reject any and all responses, to waive any informalities or irregularities therein, and to accept the proposal that, in the opinion of the Board, is in the best interest of the Board and of the County of Boulder, State of Colorado.

Americans with Disabilities Act (ADA): If you need special services provided for under the Americans with Disabilities Act, contact the ADA Coordinator or the Human Resources office at (303) 441-3525 at least 48 hours before the scheduled event.



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#### **TERMS AND CONDITIONS**

- 1. Proposers are expected to examine the drawing, specifications, schedule of delivery, and all instructions. Failure to do so will be at the proposer's risk.
- 2. Each proposer will furnish the information required in the Request for Proposals.
- 3. The Contract/Purchase Order will be awarded to that responsible proposer whose submittal, conforming to the Request for Proposals, will be most advantageous to the County of Boulder, price and other factors considered.
- 4. The County of Boulder reserves the right to reject any or all proposals and to waive informalities and minor irregularities in proposals received, and to accept any portion of or all items proposed if deemed in the best interest of the County of Boulder to do so.
- 5. No submittal will be withdrawn for a period of thirty (30) days subsequent to the opening of proposals without the consent of the County Purchasing Agent or delegated representative.
- 6. A signed purchase order or contract furnished to the successful proposer results in a binding contract without further action by either party.
- 7. Late or unsigned proposals will not be accepted or considered. It is the responsibility of proposers to ensure that the proposal arrives at the Boulder County Information Desk prior to the time indicated in the "Request for Proposals."
- 8. The proposed price will be exclusive of any Federal or State taxes from which the County of Boulder is exempt by law.
- Any interpretation, correction or change of the RFP documents will be made by Addendum. Interpretations, corrections and changes of the RFP documents made in any other manner will not be binding, and proposer will not rely upon such interpretations,

corrections and changes. The County's Representative will not be responsible for oral clarification.

10. Confidential/Proprietary Information: Proposals submitted in response to this "Request for Proposals" and any resulting contract are subject to the provisions of the Colorado Public (Open) Records Act, 24-72-201 et.seq., C.R.S., as amended. Any restrictions on the use or inspection of material contained within the proposal and any resulting contract will be clearly stated in the proposal itself. Confidential/proprietary information must be readily identified, marked and separated/packaged from the rest of the proposal. Comingling of confidential/proprietary and other information is NOT acceptable. Neither a proposal, in its entirety, nor proposal price information will be considered confidential/proprietary. Any information that will be included in any resulting contract cannot be considered confidential.

The Boulder County Attorney's Office retains sole authority for determining whether the Colorado Open Records Act requires or permits Boulder County to disclose proposal or bid documents, or any information contained therein, pursuant to an open records request.

- 11. Boulder County promotes the purchase/leasing of energy efficient, materials efficient and reduced toxic level products where availability, quality and budget constraints allow. Proposers are expected whenever possible to provide products that earn the ENERGY STAR and meet the ENERGY STAR specifications for energy efficiency with power management features enabled. Proposers are encouraged to offer products and equipment with post-consumer recycled-content materials. Products should be packaged and delivered with a minimum amount of recycled packaging that adequately protects the product but is not excessive.
- 12. Pursuant to Colorado law (House Bill 1292), in any bidding process for public works in which a bid is received from a non-resident bidder who is from a state that provides a percentage bidding preference, a comparable percentage disadvantage will be applied to the bid of that bidder. Bidders may obtain additional information from the Department of Personnel's website: <a href="http://www.colorado.gov/dpa/">http://www.colorado.gov/dpa/</a>.



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#### **SPECIFICATIONS**

### **Lighting Consultant / Engineering**

**Purpose/Background** – The City of Boulder Building Performance Ordinance requires buildings over 50,000 sf to upgrade their lighting systems to 2017 COBECC. Boulder County is seeking an engineering firm to evaluate existing conditions and provide documentation to enable completion of this work on the following buildings in 2021.

Downtown Main Courthouse	1325 Pearl St.	73,723
Jail	3200 Airport Rd.	127,606
Sheriff Headquarters	5600 Flatirons Pkwy	77,090
Justice Center	1777 6th St.	281,650
Recycling Center Processing & Administration	1901 E. 63rd St.	63,593

Additional information about the City of Boulders Building Performance Ordinance requirements can be found at the following web site:

 $\underline{https://bouldercolorado.gov/sustainability/boulder-building-performance-efficiency-requirements}$ 

#### **Timing**

Boulder County's goal is to have this engineering work contracted by the end of June with this consulting work commencing shortly after.

The County anticipates applying for a DOLA Energy and Mineral Impact Assistance Grant on August 1. It will be expected that the lighting retrofit engineering work will help demonstrate our commitment to having projects ready and able to complete quickly should the Grant funding become available.

The actual lighting retrofit work would commence after January 1, 2020.

### **Support and Documents**

Boulder County has original reflected ceiling plans and lighting schedules for each building. The County will provide staff to assist in accessing all areas as needed to perform the evaluation.

### **Scope of Work and Phases**

#### **Pre-Construction**

- 1. Complete a whole building(s) lighting evaluation and identify where lighting is non-compliant to the required code.
- 2. Identify Interior space lighting needs and types, (eq Courtrooms, offices, conference rooms, industrial, storage)
- 3. Identify rebate or engineering support opportunities and present findings, including procedures for obtaining the rebates and engineering support.
- 4. Review with Boulder County staff

#### **Construction Documentation**

- 1. Consideration when preparing bid documents:
- a) Boulder County has a full-time staff of electricians and will most likely complete all installations.
- b) Boulder County will most likely bid and purchase directly from suppliers all lighting and accessories for the project.
- c) However, dependent on staff availability and other project demands, the County may elect to bid out work on individual buildings to subcontractors.
- d) Boulder County has various standards for light fixtures, bulbs and lighting controls (eq. Watt Stopper controls) that are to be incorporated into the specifications.
- e) Each building lighting upgrade will be permitted separately, provide drawings and specifications as required.
- 2. Provide new reflected ceiling plans of all spaces considering:
- a) existing layouts and fixtures types
- b) meeting the space lighting needs with existing fixture locations
- c) retrofitting existing or using new fixtures
- d) reducing fixtures when possible
- e) lighting controls
- 3. Provide specifications for all lighting and electrical work.

#### **Construction and Post Construction Administration**

- 1. Provide evaluation support for lighting upgrades bids.
- 2. Provide shop drawing and submittal review.
- 3. Provide clarification information of plans and specifications during construction when requested.
- 4. Provide all documentation as required by the City of Boulder Building Performance Ordinance including the COMcheck certificate showing 'PASS' for all BPO-required lighting code sections for the current code year.

### **Lighting Consultant Selection**

Boulder County will review each firm's proposal for qualifications that best fits the needs of the County, this project and not solely on price.

#### Qualifications

Provide examples of completed projects demonstrating experience with following:

- Similar building types and projects
- Working with City of Boulder code compliance and Building Performance Ordinance
- Obtaining rebates and working with Grant funded projects
- Performance contracting
- Any other information that would be helpful in demonstrating firm qualifications

### Pricing to be submitted per the following guidelines:

Because of the possibility for obtaining grant or engineering support from Utility Companies pricing is to be broken down by building. Boulder County's intention is to award the work for all buildings to one consultant. Total price of contract will be for all buildings as listed.

**Pre-Construction Phase** – Provide a lump sum price, by building, for this scope of work as outlined above.

**Construction Phase** – It is understood that the effort required for this phase of work can not be determined until the lighting evaluation of buildings has taken place, therefore provide a price based on the following assumptions.

- Exterior Lighting 100% will meet code requirements.
- Interior Lighting 25% will meet code requirements.

Once pre-construction evaluation and work is completed, pricing for Construction phase work will be adjusted to reflect actual scope as compared to assumptions above.

**Post-Construction Phase**— Provide a lump sum price, by building, for this scope of work as outlined above.

Submit pricing for each building in the format example below:

**Downtown Main Courthouse** 

Pre-Construction \$	
Construction Documentation \$	
Construction and Post Construction Administration S	



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### **INSURANCE AND W-9 REQUIREMENTS**

### **INSURANCE REQUIREMENTS**

General Liability \$1,000,000 Each Occurrence

\$2,000,000 General Aggregate

\$2,000,000 Products Completed Operations Aggregate

3 years Products/Completed Operations

Automobile Liability \$1,000,000 Each Accident

\*Including Hired & Non-Owned Auto

### Worker's Compensation and Employer's Liability

Workers' Compensation must be maintained with the statutory limits. Employer's Liability is required for minimum limits of \$100,000 Each Accident/\$500,000 Disease-Policy Limit/\$100,000 Disease-Each Employee.

#### **Professional Liability (Errors and Omissions)**

Professional liability coverage with minimum limits of \$1,000,000 Per Loss and \$1,000,000 Aggregate. Professional Liability provisions indemnifying for loss and expense resulting from errors, omission, mistakes or malpractice is acceptable and may be written on a claims-made basis. The contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years beginning at the time work under this Contract is completed.

\*In regards to General Liability and Umbrella/Excess Liability:

If any or all of these coverages are required above, additional insured status will be required at the time a contract is executed.

THE ADDITIONAL INSURED WORDING SHOULD BE AS FOLLOWS: County of Boulder, State of Colorado, a body corporate and politic, is named as Additional Insureds.

Note that the above insurance amounts are the minimum required for this project. Proof of current insurance must be provided with your proposal in the form of a sample certificate. You are NOT required to include additional insured status until the time a contract is executed.

If you require a waiver of insurance requirements, you may request one in your response with an explanation.

### W-9 REQUIREMENT

Provide a copy of your business's W-9 with your proposal.



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### **SUBMITTAL SECTION**

The proposer's attention is especially called to the items listed below, which must be submitted in full as part of the PROPOSAL. Failure to submit any of the documents listed below as a part of your PROPOSAL, or failure to acknowledge any addendum in writing with your PROPOSAL, or submitting a proposal on any condition, limitation or provision not officially invited in this Request for Proposal (RFP) may be cause for rejection of the PROPOSAL.

## THIS CHECKLIST MUST BE SUBMITTED AS PART OF YOUR PROPOSAL PACKAGE: Proposer will check each box indicating compliance:

INCLUDED	ITEM	
	Name and Address of the Partners and Subcontractors if applicable	
	A detailed project schedule with an all-inclusive total cost	
	Information on the relevant experience of key personnel	
	State your compliance with the Terms and Conditions in the Sample	
Contract contained in this RFP. Specifically list any deviations		
provide justification for each deviation.		
Submit three references for similar projects your compan		
	completed within the last three years and contact information	
	Insurance Certificate	
	W-9	
	Sustainability Questionnaire	
	Signature Page	
	Addendum Acknowledgement(s) (If Applicable)	



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### **EVALUATION CRITERIA**

The proposals will be reviewed by a selection committee. The committee may request additional information from vendors or request interviews with one or more vendors. Final evaluation and selection may be based on, but not limited to, any or all of the following:

- Qualifications and experience of the vendor
- Similar building types and projects
- Working with City of Boulder code compliance and Building Performance Ordinance
- Obtaining rebates and working with Grant funded projects
- Sustainability Questionnaire score
- Information presented in proposal

## A scoring matrix with the order and priority of criteria to be used by the county in its evaluation and selection process is shown below:

Description	Points
Qualifications and experience of the vendor	30
Similar building types and projects	20
Working with City of Boulder code compliance and Building Performance	20
Ordinance	
Obtaining rebates and working with Grant funded projects	10
Sustainability Questionnaire score	10
Information presented in proposal	10
Total Possible	100



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### **SUSTAINABILITY QUESTIONNAIRE**

Company Name:		ne: Date:
	-	naire is applicable to firms that provide services as well as those that provide goods. r the questions to the best of your ability.
1.	What sust	ainability certifications does your business have? Please check the items that apply:
		B-Corp Green Business Bureau Fair Trade USA Green C Certification None Other - describe any other certifications your company has related to sustainability.
2.	=	company have a sustainability vision/commitment/values statement or policy? eck the items that apply:  Our sustainability statement/policy describes our company's sustainability
		initiatives.  We have formed an oversight committee to ensure the success of our sustainability policy.  Our sustainability statement/policy describes how our company explores opportunities to
		work with communities, governments and non-governmental and professional organizations to help articulate, teach and advance the principles of sustainability. We are currently in the process of developing a sustainability statement/policy consistent with a commitment to promote environmental, economic, and social sustainability.
		None Other - Provide (or supply a link) your company's sustainability statement/policy.

3.	=	cies are in place to monitor and manage your supply chain regarding sustainability ease select all that apply:
		We apply sustainability criteria when making purchasing decisions.  We partner with suppliers who share in our sustainability commitment and/or work with them to reduce the impact to the environment of our resource needs as well as improve worker conditions.
		We purchase "green" (i.e. recyclable, reusable, non-toxic, compostable, fair trade and made from 100% post-consumer recycled materials) supplies, products, and materials.
		We specify locally manufactured products in procuring goods. We specify products that use the Electronic Products Environmental Assessment Tool (EPEAT) standards in procuring goods. None.
		Other – describe other ways your company monitors and manages your supply chain concerning environmental issues.
4.	Does your that apply	company promote sustainable transportation in its operations? Please select all :
		We own, rent, or lease electric fleet vehicles. We own, rent, or lease hybrid or natural gas fueled fleet vehicles. We encourage carpooling, public transportation, and using other alternative modes of transportation. We subsidize public transportation for employees. We have an established Green Transportation Plan We are developing a Green Transportation Plan
		We offer flexible hours, telecommuting, or a compressed work week.  We utilize teleconference, video conference, WebEx or GoTo Meetings (or other similar conferencing services).  None
		Other – describe other ways your company promotes sustainable transportation. If applicable, use this space to describe your company's Green Transportation Plan (whether existing or in development).

5. What does your company do to minimize the environmental impacts associated with shipping? Please check the items that apply:

		We have established company policies and procedures that minimize the need for
		shipping in the first place We combine deliveries with customer visits.
	H	We consolidate deliveries.
		We use bike couriers for local delivery.
		We utilize electronic communications and electronic transfer of documents, such as e-mail, fax and Portable Document Format (PDF).
		We specify products that can be purchased locally within a 500-mile radius of the
		delivery location in procuring goods.
		We are currently evaluating what the company can do to minimize the
		environmental impacts associated with shipping (must describe below; no
		additional points awarded for providing this description).
		Our packaging/shipping materials are reusable.
		Our packaging/shipping materials are made from 100% post-consumer recycled
		materials.
		N/A
		Other – describe what your company does to minimize the environmental costs
		associated with shipping. If applicable, use this space to provide required
		description(s).
6	Has your	
σ.	code, rule	company ever been cited for non-compliance of any law, regulation, ordinance, e, standard, or policy regarding an environmental or safety issue? Please item that applies:
σ.	code, rule	n, standard, or policy regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an
σ.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:
o.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or
σ.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.
6.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or
o.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.
o.	code, rule	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that  We have an established zero waste program.
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue? Please item that applies:  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that  We have an established zero waste program.  We utilize a facilities energy management system.
7.	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that  We have an established zero waste program.  We utilize a facilities energy management system.  We have adopted a climate action plan.  We have a water conservation program.  We have formed a sustainability committee to identify sustainable solutions for
	code, rule check the	No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  No, my company HAS NOT been cited for non-compliance regarding an environmental or safety issue.  Yes, my company HAS been cited for non-compliance of an environmental or safety issue.  N/A State the reason, date and outcome of the citation:  grams do you have, either in place or currently being planned, to promote resource? Examples include energy or waste audit programs. Please check the items that  We have an established zero waste program.  We utilize a facilities energy management system.  We have adopted a climate action plan.  We have a water conservation program.

		We are recognized by peers and environmental organizations for providing leadership in Sustainability.
		None Other - what other programs do you have in place or planned for promoting resource. Efficiency?
8.	product, v	siness's proposal involves the provision of a product, does the manufacturer of the whether your business or an outside entity, have a sustainability policy statement? eck the item that applies:
		No, the manufacturer of the product that I am proposing DOES NOT have a sustainability policy statement.  Yes, the manufacturer of the product that I am proposing HAS a sustainability policy statement.  Not applicable.
		Provide Sustainability Policy Statement:
9.	product, v any law, r	siness's proposal involves the provision of a product, has the manufacturer of the whether your business or an outside entity, ever been cited for non-compliance of egulation, ordinance, code, rule, standard, or policy regarding an environmental or ue? Please check the item that applies:
		No, the manufacturer of the product that I am proposing HAS NOT been cited for noncompliance regarding an environmental or safety issue.  Yes, the manufacturer of the product that I am proposing HAS been cited for
		noncompliance regarding an environmental or safety issue.  Not applicable.
		Provide reason, date and outcome of the citation:

10. If your business's bid/proposal involves the provision of a product, has an environmental lifecycle analysis of the product that you are proposing been conducted by a certified testing organization, such as Green Seal, Energy Star, and Cradle to Cradle? Please check the item that applies.

No, an environmental life-cycle analysis of the product that I am bidding/proposing
HAS NOT been conducted by a certified testing organization, such as Green Seal.
Yes, an environmental life-cycle analysis of the product that I am
bidding/proposing HAS been conducted by a certified testing organization, such as
Green Seal.
Not applicable.
Provide certification:



**Contact Information** 

### Boulder County Purchasing 1325 Pearl Street Boulder, CO 80302

purchasing@bouldercounty.org

### **SIGNATURE PAGE**

Response

Signature of Person Authorized to Bid on				
(Sole Proprietorships Only) I am not a Pu	blic Employees' Retirement Association (PERA) retiree.			
I am not related to any Boulder County employee or Elected Official.				
None of my employees or agents is curre	•			
I am not currently an employee of Bould				
By signing below, I certify that: I am authorized to bid on my company's	hehalf			
Company Website				
Company Phone Number				
Company Address				
Authorized to Contract with Boulder County				
Name, Title, and Email Address of Person				
List Type of Organization (Corporation, Partnership, etc.)				
Company Name including DBA				

Note: If you cannot certify the above statements, please explain in a statement of explanation.

### **BOULDER COUNTY SAMPLE CONTRACT**

THIS CONTRACT ("Contract") is entered into by and between the County of Boulder, State of Colorado, a body corporate and politic, acting by and through its Board of County Commissioners for the benefit of the [Department] ("County") and [Supplier] ("Contractor"). County and Contractor are each a "Party," and collectively the "Parties."

In consideration of the mutual covenants contained in this Contract, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

- 1. <u>Incorporation into Contract</u>: The **Details Summary** is incorporated into this Contract. The **Contract Documents** are incorporated into this Contract by reference, except to the extent that the Proposal, if any is incorporated, contains any obligations placed upon County and not otherwise contained in this Contract.
- 2. <u>Work to be Performed</u>: Contractor will provide all labor and equipment and do all tasks necessary and incidental to performing the work as described in the **Details Summary** and **Contract Documents** (the "Work"). Contractor will perform the Work (a) in a good and workmanlike manner, (b) at its own cost and expense, (c) in accordance with recognized industry standards of care, skill and diligence for the type of work being performed, and (d) in strict accordance with the Contract.
- 3. <u>Term of Contract</u>: The **Contract Term** begins on the **Start Date** and expires on the **Expiration Date**, unless terminated sooner. All the Work must be performed during the **Contract Term**.
- 4. <u>Payment for Work Performed:</u> In consideration of the Work performed by Contractor, and subject to conditions contained in this Contract, County will pay an amount not to exceed the **Contract Amount** to Contractor in accordance with the **Contract Documents**.
- 5. <u>Invoicing</u>: Contractor will promptly provide a copy of its Form W-9 and invoice template to County upon request. Contractor must submit an invoice to the County by the fifteenth (15th) day of the month following completion of the Work. All invoices submitted require the following components: Contractor's name and address (submitted W-9 address must match remit address), detailed description of services, dates of services, itemization of labor and materials costs, "Bill to: Boulder County" language, payment remittance address, payer, name and address, date of invoice, unique invoice number, and total amount due. Contractor must send all completed invoices to the **Invoice Contact** in the **Details Summary**. Email delivery is preferred by the County; County may require delivery of invoices by email. Failure to submit invoices in a timely manner and in accordance with the terms of this Contract may cause a delay in payment. County may recoup any damages incurred because of Contractor's failure to submit invoices pursuant to the terms of this paragraph. County's acceptance or payment of an invoice will not constitute acceptance of any Work performed under this Contract.
- 6. <u>Extra Time to Complete the Work</u>: If Contractor cannot complete the Work by the **Expiration Date**, Contractor may request extra time to complete the Work. County, in its sole discretion, may grant Contractor additional time to complete the Work and, if so, will provide Contractor with written notice of the amount of extra time granted. County granting extra time to complete the Work will not entitle Contractor to additional compensation from County. This

Contract will remain in full force and effect during any time period that Contractor is permitted to finish completing the Work.

- 7. Extension of Contract Term (Additional Work): Upon mutual agreement of the Parties, this Contract may be extended until the **Final End Date**. During any extended **Contract Term**, the terms of this Contract will remain in full force and effect, unless otherwise amended in writing by the Parties. Where the Contractor will provide additional services for additional compensation beyond the initial **Contract Amount**, the Parties must execute a written amendment before the then-current **Expiration Date**. If necessary, the written amendment will incorporate an updated Scope of Work and updated Fee Schedule as exhibits. Contractor must provide a current Certificate of Insurance to the County that complies with the **Insurance Requirements** of this Contract, if any, prior to any extended **Contract Term**.
- 8. <u>Schedule of Work:</u> County may designate the hours (on a daily or weekly basis) during which Contractor can perform the Work, strictly for the purposes of minimizing inconvenience to the County and interference with County operations. Contractor will otherwise set its own work schedule.
- 9. <u>Indemnity:</u> Contractor will be liable for any damages to persons or property caused by or arising out of the actions, obligations, or omissions of Contractor, its employees, agents, representatives or other persons acting under Contractor's direction or control in performing or failing to perform the Work under this Contract. Contractor will indemnify and hold harmless County, its elected and appointed officials, and its employees, agents and representatives (the "indemnified parties"), from any and all liability, claims, demands, actions, damages, losses, judgments, costs or expenses, including attorneys' fees, which may be made or brought or which may result against any of the indemnified parties as a result or on account of the actions or omissions of Contractor, its employees, agents or representatives, or other persons acting under Contractor's direction or control. This indemnification obligation will extend to claims based on Contractor's unauthorized use or disclosure of confidential information and intellectual property infringement. County will not be obligated to indemnify or defend Contractor under any circumstances. Contractor's obligations under this provision shall survive expiration or termination of this Contract.
- 10. <u>Nondiscrimination</u>: Contractor will comply with the letter and spirit of the Colorado Anti-Discrimination Act, C.R.S. § 24-34-401, <u>et seq.</u>, as amended, and all applicable local, State and Federal laws concerning discrimination and unfair employment practices. County prohibits unlawful discrimination on the basis of race, color, religion, gender, gender identity, national origin, age 40 and over, disability, socio-economic status, sexual orientation, genetic information, or any other status protected by applicable Federal, State or local law. Contractor must require that its subcontractors, if any, similarly comply with all applicable laws concerning discrimination and unfair employment practices.
- 11. <u>Information and Reports</u>: Contractor will provide to authorized County, State, and Federal government representatives all information and reports that may be required for any purpose authorized by law. Contractor will permit access to such representatives to Contractor's facilities, books, records, accounts, and any other relevant sources of information. Where information required by a representative is in the exclusive possession of a person or entity other than Contractor, Contractor must so certify to the County and explain what efforts it has made to obtain the information.
- 12. <u>Independent Contractor</u>: Contractor is an independent contractor for all purposes in performing the Work. Contractor is not an employee of the County for any purpose, including the Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the Colorado Workers' Compensation Act, the Colorado Unemployment Insurance Act, and the Public Employees Retirement Association.

Accordingly, County will not withhold or pay any income tax, payroll tax, or retirement contribution of any kind on behalf of Contractor or Contractor's employees. As an independent contractor, Contractor is responsible for employing and directing such personnel and agents as it requires to perform the Work. Contractor will exercise complete authority over its personnel and agents and will be fully responsible for their actions.

- 13. <u>Termination for Non-Appropriation</u>: The other provisions of this Contract notwithstanding, the County is prohibited by law from making commitments beyond the current fiscal year. Payment to Contractor beyond the current fiscal year is contingent on the appropriation and continuing availability of funding in any subsequent year. County has reason to believe that sufficient funds will be available for the full **Contract Term**. Where, however, funds are not allocated for any fiscal period beyond the current fiscal year, County may terminate this Contract without penalty by providing seven (7) days' written notice to Contractor.
- 14. <u>Termination for Breach</u>: Either Party's failure to perform any of its material obligations under this Contract, in whole or in part or in a timely or satisfactory manner, will be a breach. The institution of proceedings under any bankruptcy, insolvency, reorganization or similar law, by or against Contractor, or the appointment of a receiver or similar officer for Contractor or any of its property, which is not vacated or fully stayed within thirty (30) days after the institution of such proceeding, will also constitute a breach. In the event of a breach, the non-breaching Party may provide written notice of the breach to the other Party. If the notified Party does not cure the breach, at its sole expense, within thirty (30) days after delivery of notice, the non-breaching Party may exercise any of its remedies provided under this Contract or at law, including immediate termination of this Contract.
- 15. <u>Termination for Convenience</u>: County may terminate this Contract, in whole or in part, for any reason, upon seven (7) days' advance written notice to Contractor.
- 16. <u>Remedies for Non-Performance</u>: If Contractor fails to perform any of its obligations under this Contract, County may, at its sole discretion, exercise one or more of the following remedies, which shall survive expiration or termination of this Contract:
- a. <u>Suspend Performance</u>: County may require that Contractor suspend performance of all or any portion of the Work pending necessary corrective action specified by the County and without entitling Contractor to an increase in compensation or extension of the performance schedule. Contractor must promptly stop performance and incurring costs upon delivery of a notice of suspension by the County.
- b. <u>Withhold Payment Pending Corrections</u>: County may permit Contractor to correct any rejected Work at the County 's discretion. Upon County 's request, Contractor must correct rejected work at Contractor's sole expense within the time frame established by the County. Upon completion of the corrections satisfactory to the County, County will remit payment to Contractor.
- c. <u>Deny Payment</u>: County may deny payment for any Work that does not comply with the requirements of the Contract or that Contractor otherwise fails to provide or complete, as determined by the County in its sole discretion. Upon County request, Contractor will promptly refund any amounts prepaid by the County with respect to such non-compliant Work.
- d. <u>Removal</u>: Upon County 's request, Contractor will remove any of its employees or agents from performance of the Work, if County, in its sole discretion, deems any such person to be incompetent, careless, unsuitable, or otherwise unacceptable.
- 17. <u>Binding Arbitration Prohibited</u>: County does not agree to binding arbitration by any extrajudicial body or person.

- 18. <u>Conflicts of Interest</u>: Contractor must not engage in any business or personal activities or practices or maintain any relationships that conflict in any way with the full performance of Contractor's obligations.
- 19. <u>Notices</u>: All notices provided under this Contract must be in writing and sent by Certified U.S. Mail (Return Receipt Requested), electronic mail, or hand-delivery to the other Party's **Contact** at the address specified in the **Details Summary**. For certified mailings, notice periods will begin to run on the day after the postmarked date of mailing. For electronic mail or hand-delivery, notice periods will begin to run on the date of delivery.
- 20. <u>Statutory Requirements</u>: This Contract is subject to all statutory requirements that are or may become applicable to counties or political subdivisions of the State of Colorado generally, including but not limited to: C.R.S. § 38-26-107, which requires withholding funds where the County receives a claim for payment from a supplier or subcontractor of Contractor upon notice of final settlement (required for public works contracts that exceed \$150,000); C.R.S. § 8-17-101 et seq.; C.R.S. § 18-8-301, et seq.; and C.R.S. § 18-8-401, et seq.
- 21. Public Contracts for Services (C.R.S. §§ 8-17.5-101, et seq.): Contractor hereby certifies, warrants, and agrees that it does not knowingly employ or contract with an illegal alien who will perform work under this Contract and further certifies that it will confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Contract by participating in the E-Verify Program established under Pub. L. 104-28 or the department verification program established under C.R.S. § 8-17.5-102(5)(c). Contractor (i) shall not knowingly employ or contract with an illegal alien to perform work under this Contract; (ii) shall not enter into a contract with a subcontractor that fails to certify to the contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract; (iii) has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Contract through participation in the E-Verify program or department program; (iv) is prohibited from using either the E-Verify program or department program procedures to undertake preemployment screening of job applicants while this Contract is being performed; and (v) shall comply with any reasonable request by the department made in the course of an investigation that the Colorado Department of Labor and Employment is undertaking pursuant to the authority established in C.R.S. § 8-17.5-102(5). If Contractor obtains actual knowledge that a subcontractor performing work under this Contract knowingly employs or contracts with an illegal alien, Contractor shall (a) notify the subcontractor and County within three (3) days that Contractor has actual knowledge that subcontractor is employing or contracting with an illegal alien; and (b) terminate the subcontract if, within three (3) days of receiving notice hereunder, subcontractor does not stop employing or contracting with the illegal alien; except that Contractor shall not terminate the contract with the subcontractor if during such three (3) days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien. Contractor's violation of this provision will constitute a material breach of this Contract, entitling the County to terminate the contract for breach. If this Contract is so terminated, Contractor shall be liable for actual and consequential damages to the County.
- 22. <u>Entire Agreement/Binding Effect/Amendments</u>: This Contract represents the complete agreement between the Parties and is fully binding upon them and their successors, heirs, and assigns, if any. This Contract terminates any prior agreements, whether written or oral in whole or in part, between the Parties relating to the Work. This Contract may be amended only by a written agreement signed by both Parties.
- 23. <u>Assignment/Subcontractors</u>: This Contract may not be assigned or subcontracted by Contractor without the prior written consent of the County. If Contractor subcontracts any of its obligations under this Contract, Contractor will remain liable to the County for those obligations and will also be responsible for subcontractor's performance under, and compliance with, this Contract.

- 24. <u>Governing Law/Venue</u>: The laws of the State of Colorado govern the construction, interpretation, performance, and enforcement of this Contract. Any claim relating to this Contract or breach thereof may only be brought exclusively in the Courts of the 20<sup>th</sup> Judicial District of the State of Colorado and the applicable Colorado Appellate Courts.
- 25. <u>Breach</u>: The failure of either Party to exercise any of its rights under this Contract will not be deemed to be a waiver of such rights or a waiver of any breach of the Contract. All remedies available to a Party in this Contract are cumulative and in addition to every other remedy provided by law.
- 26. <u>Severability</u>: If any provision of this Contract becomes inoperable for any reason but the fundamental terms and conditions continue to be legal and enforceable, then the remainder of the Contract will continue to be operative and binding on the Parties.
- 27. <u>Third-Party Beneficiary</u>: Enforcement of the terms and conditions and all rights and obligations of this Contract are reserved to the Parties. Any other person receiving services or benefits under this Contract is an incidental beneficiary only and has no rights under this Contract. Notwithstanding, where the beneficiary **Department** is led by an Elected Official, such Elected Official shall be considered a third-party beneficiary.
- 28. <u>Colorado Open Records Act</u>: County may disclose any records that are subject to public release under the Colorado Open Records Act, C.R.S. § 24-72-101, <u>et seq</u>.
- 29. <u>Conflict of Provisions</u>: If there is any conflict between the terms of the main body of this Contract and the terms of any of the **Contract Documents**, the terms of the main body of the Contract will control.
- 30. <u>Governmental Immunity</u>: Nothing in this Contract shall be construed in any way to be a waiver of the County's immunity protection under the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, et seq., as amended.
- 31. Representations and Warranties: Contractor represents and warrants the following:
  - a. Execution of this Contract and performance thereof is within Contractor's duly authorized powers;
    - b. The individual executing this Contract is authorized to do so by Contractor;
  - c. Contractor is authorized to do business in the State of Colorado and is properly licensed by all necessary governmental and public and quasi-public authorities having jurisdiction over the Work and the Contractor; and
  - d. Contractor and its subcontractors, if any, are financially solvent, able to pay all debts as they mature, and have sufficient working capital to complete the Work and perform all obligations under the Contract.
- 32. <u>Legal Compliance</u>: Contractor assumes full responsibility for obtaining and maintaining any permits and licenses required to perform the Work. Contractor's performance under this Contract and the Work itself will comply with all Federal, State, and local laws, regulations, ordinances and codes.
- 33. <u>Litigation Reporting</u>: Contractor is not currently involved in any action before a court or other administrative decision-making body that could affect Contractor's ability to perform the Work. Contractor will promptly notify the County if Contractor is served with a pleading or other document in connection with any such action.
- 34. <u>Tax Exemption</u>: County is exempt from payment of Federal, State, and local government taxes. Contractor shall collect no tax from the County, and the County shall not be liable to pay

any taxes imposed on Contractor. County shall provide its tax exemption status information to Contractor upon request.

- 35. <u>Delegation of Authority</u>: The Parties acknowledge that the Board of County Commissioners has delegated authority to the Department Head or Elected Official that leads the beneficiary **Department** and their designees to act on behalf of the County under the terms of this Contract, including but not limited to the authority to terminate this Contract.
- 36. Ownership of Work Product: All work product, property, data, documentation, information or materials conceived, discovered, developed or created by Contractor pursuant to this Contract ("Work Product") will be owned exclusively by the County. To the extent possible, any Work Product will be deemed to be a work made for hire. Contractor unconditionally and irrevocably transfers and assigns to the County all right, title and interest in and to any Work Product.
- 37. <u>Publicity Releases</u>: Contractor will not refer to this Contract or the County in commercial advertising without prior written consent of the County. This provision shall survive expiration or termination of this Contract.
- 38. Execution by Counterparts; Electronic Signatures: This Contract may be executed in multiple counterparts, each of which will be deemed an original, but all of which will constitute one agreement. The Parties approve the use of electronic signatures, governed by the Uniform Electronic Transactions Act, C.R.S. §§ 24 71.3 101 to 121. The Parties will not deny the legal effect or enforceability of this Contract solely because it is in electronic form or because an electronic record was used in its creation. The Parties will not object to the admissibility of this Contract in the form of electronic record, or paper copy of an electronic document, or paper copy of a document bearing an electronic signature, because it is not in its original form or is not an original.
- 39. <u>Limitation on Public Statements and Lobbying Activity</u>. During the term of this Contract, Contractor may receive from the County its confidential data, work product, or other privileged or confidential information that is protected by law. To maintain the fact and appearance of absolute objectively, Contractor shall not, without the prior written consent of the County, which shall not be unreasonably withheld, do any of the following: (a) disclose information obtained because of this contractual relationship to any third party; (b) lobby any State or Federal agency on any pending matter while this Contract is effective; or (c) make any public statements or appear at any time to give testimony at any public meeting on the subject matters regarding which Contractor is or was retained by the County. County may set reasonable conditions on any disclosure authorized by the County under this provision. Notwithstanding, Contractor may make disclosures as required by law, and to law enforcement officials in connection with any criminal justice investigation.
- 40. <u>Sustainability</u>: County encourages Contractor to consider the procurement and use of environmentally preferable products and services while performing services under this Contract. "Environmentally preferable purchasing" means making purchasing choices for products and services that have a lesser or reduced adverse effect on human health and the environment when compared with competing products and services that serve the same purpose. Environmentally preferable purchasing is consistent with the County's commitment to protecting our air, water, soil, and climate for current and future generations. County encourages Contractor to incorporate the following actions into Contractor's performance of the Work: environmentally preferable supplies and services; conservation of water; efficient energy use; waste prevention; reuse and recycle construction and de-construction materials in a manner that maximizes reuse of materials; sustainable transportation choices, including consideration to business communication software such as Skype alternative to air travel and public transit or carpooling for in-person meetings; pollution prevention; low toxicity for public health & safety; and reduced emissions to address climate change.

- 41. <u>Insurance Requirements:</u> Prior to commencing the Work, Contractor will provide a Certificate of Insurance to the County demonstrating adequate insurance coverage as required by this paragraph. All policies evidencing coverage required by the Contract will be issued by insurance companies satisfactory to the County. Contractor will forward Certificates of Insurance directly to the **County Department** and **Contact** listed in the **Details Summary**.
- a. For the entire duration of this Contract including any extended or renewed terms, and longer as may be required by this Contract, Contractor shall procure and maintain at its own expense, and without cost to the County, the following kinds and minimum amounts of insurance to insure the liability risks that Contractor has assumed under this Contract:

### i. Commercial General Liability

### Non-Construction contracts use the following language:

This coverage should be provided on an Occurrence Form, ISO CG001 or equivalent, with Minimum limits of \$1,000,000 Each Occurrence, \$2,000,000 General Aggregate and \$2,000,000 Products Completed Operations Aggregate.

### Construction Contracts only – include the following paragraph:

Coverage should be provided on an Occurrence form, ISO CG0001 or equivalent. The policy shall be endorsed to include Additional Insured Owners, Lessees or Contractors endorsements CG 2038 (or equivalent), Designated Construction Project(s) General Aggregate Endorsement CG2503 (or equivalent) and Additional Insured Completed Operations for Owners, Lessees or Contractors CG 2037 (or equivalent). Minimum limits required of \$1,000,000 Each Occurrence, \$2,000,000 General Aggregate and \$2,000,000 Products/Completed Operations Aggregate. The County requires the Products/Completed Operations coverage to be provided 3 years after completion of construction. An endorsement must be included with the certificate.

### ii. Automobile Liability

Bodily Injury and Property Damage for any owned, hired, and non-owned vehicles used in the performance of the Contract. Minimum limits \$1,000,000 Each Accident.

This coverage may not be required if Contractor is not using a vehicle as part of its performance under the contract. Contact Risk Management with any questions.

#### iii. Workers' Compensation and Employer's Liability

Workers' Compensation must be maintained with the statutory limits. Employer's Liability is required for minimum limits of \$100,000 Each Accident/\$500,000 Disease-Policy Limit/\$100,000 Disease-Each Employee.

This coverage may not be required if contractor is not mandated under State law to maintain this coverage. A waiver is available on the contracts routing website.

#### iv. Umbrella / Excess Insurance

Umbrella/Excess Liability insurance in the amount \$[X],000,000.00, following form.

This insurance is a broad, high-limit policy, which acts more than the underlying primary insurance policy. This coverage is designed to provide additional liability limits beyond the primary insurance limits and is triggered upon the underlying

limits becoming exhausted. Umbrella / Excess insurance is most commonly required when an exposure to the County could potentially create liabilities in excess of the basic insurance limits. The most common limits for these policies range from \$2,000,000 to \$5,000,000.

Please consult with Risk Management if you feel this coverage should be required.

IN ADDITION TO THE ABOVE, ONE OR MORE OF THE FOLLOWING FOUR (4) INSURANCE COVERAGES MAY BE REQUIRED. CONTACT RISK MANAGEMENT IF YOU HAVE QUESTIONS ABOUT WHICH INSURANCE COVERAGE TO INCLUDE. DELETE THIS INSTRUCTION (AND ANY INAPPLICABLE INSURANCE PARAGRAPHS) WHEN FINALIZING THE CONTRACT:

### v. **Professional Liability (Errors and Omissions)**

All contractors required to be professionally certified by the State of Colorado (i.e., architects, engineers, doctors, nurses, etc.) and/or any consultants whose errors in judgment, planning, design, etc. could result in economic loss to the County must provide proof of professional liability coverage. This also applies to anyone managing or overseeing construction.

Professional liability coverage with minimum limits of \$1,000,000 Per Loss and \$1,000,000 Aggregate. Professional Liability provisions indemnifying for loss and expense resulting from errors, omission, mistakes or malpractice is acceptable and may be written on a claims-made basis. The contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years beginning at the time work under this Contract is completed.

### vi. **Pollution Liability**

This coverage is required whenever work under the contract involves pollution risk to the environment or losses caused by pollution conditions (including asbestos) that may arise from the operations of the Contractor described in the Contractor's scope of services.

Coverage pay for those sums the Contractor becomes legally obligated to pay as damages because of Bodily Injury, Property Damage or environmental Damage arising out of a pollution incident caused by the Contractor's work including Completed Operations. Coverage shall include emergency response expenses, pollution liability during transportation (if applicable) and at Non-Owned Waste Disposal Site (if applicable). The Minimum limits required are \$1,000,000 Per Occurrence/Loss and \$1,000,000 Policy Aggregate. If the coverage is written on a claims-made basis, the Contractor warrants that any retroactive date applicable to coverage under the policy precedes the effective date of this Contract; and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of three (3) years beginning from the time that work under this contract is completed. County shall be named as an additional insured for ongoing operations and completed operations.

### vii. Third Party Commercial Crime Insurance / Third Party Fidelity Bond

Crime / Third Party Fidelity covers the contractor and the contractor's employees when engaged in work for a client on behalf of the County. This coverage is for employee dishonesty, theft, embezzlement, forgery and alteration. Coverage is required when the contractor will be handling money or collecting fees on behalf of

## the County or when the contractor has access to client's personal property and/or documentation

The Crime limit shall be \$1,000,000 Per Loss and include an endorsement for "Employee Theft of Client Property". In order to provide coverage to County during the course of this contract, Commercial Crime policies must be endorsed to cover Third Party Fidelity. Third party fidelity covers the vendor's employees when engaged in work for a client. In addition, the County will be listed as loss payee on the commercial crime coverage. This third-party coverage can also be provided by obtaining a third-party fidelity bond.

### viii. Privacy / Cyber Liability Insurance

As a provider of a service which *may* require the knowledge and retention of personal identifiable information <u>including but not limited to, names, dates of birth, social security numbers, usernames, and passwords, and/or HIPAA sensitive personal information of <u>clients served</u>, the following minimum insurance limits are required:</u>

Contractors with 10 or fewer County clients: \$50,000
Contractors with 11 – 15 County clients: \$500,000
Contractors with more than 25 County clients: \$1,000,000

If the scope does not pertain to clients directly, contact Risk Management for appropriate language.

### ix. Sexual Abuse and Molestation Coverage

As a provider of a service which has contact with individuals that are part of a sensitive population and are in a position of trust the following minimum insurance limits are required:

Contractors with 5 or fewer County clients: \$100,000
Contractors with 6-10 County clients: \$250,000
Contractors with 11-15 County clients: \$500,000
Contractors with 16 or more County clients: \$1,000,000

If the number of clients increases during the contract period, the required coverage limit will increase to correspond accordingly.

If the scope does not pertain to clients directly, contact Risk Management for appropriate language.

THE STATED INSURANCE LIMITS FOR ALL COVERAGES ARE <u>MINIMUM</u> AMOUNTS; DEPENDING ON THE CONTRACT, HIGHER LIMITS MAY BE REQUIRED OR ADVISABLE. CONTACT RISK MANAGEMENT IF YOU HAVE ANY QUESTIONS ABOUT MINIMUM LIMITS. DELETE THIS PARAGRAPH WHEN FINALIZING THE CONTRACT.

b. <u>Boulder County as Additional Insured</u>: Boulder County shall be named as an additional insured for General Liability, Umbrella/Excess Liability, and Pollution Liability, as designated in this Contract. Additional insured shall be endorsed to the policy.

THE ADDITIONAL INSURED WORDING SHOULD BE AS FOLLOWS: County of Boulder, State of Colorado, a body corporate and politic, is named as Additional Insured.

c. <u>Notice of Cancellation</u>: Each insurance policy required by this Contract shall provide the required coverage and shall not be suspended, voided or canceled except after thirty (30) days' prior written notice has been given to the County except when cancellation is for non-payment of premium, then ten (10) days' prior notice may be given. If any insurance company

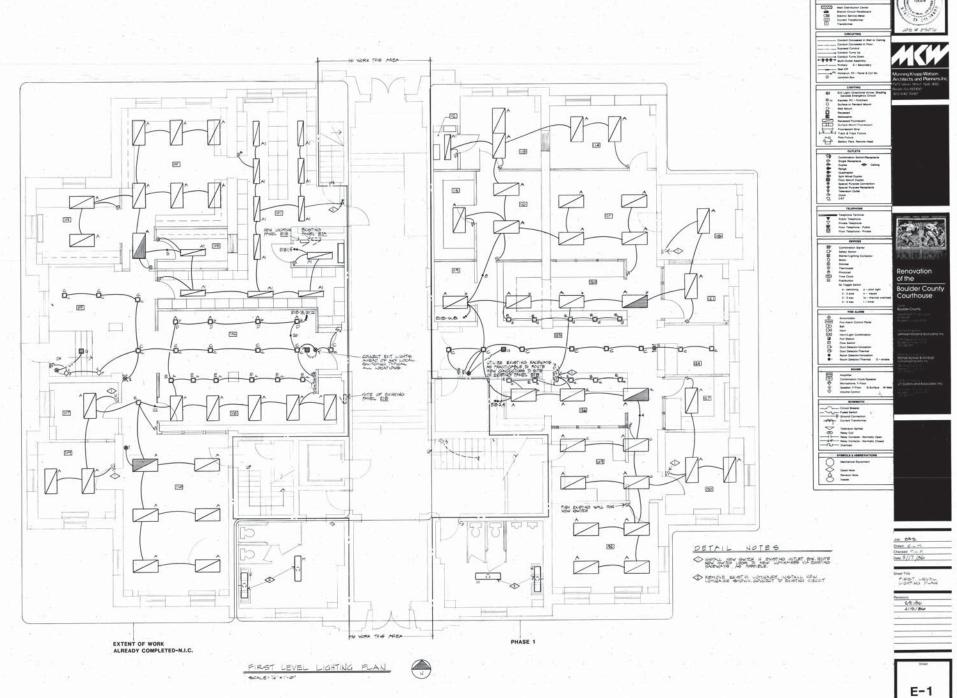
refuses to provide the required notice, Contractor or its insurance broker shall notify the County any cancellation, suspension, or nonrenewal of any insurance policy within seven (7) days of receipt of insurers' notification to that effect.

- d. <u>Insurance Obligations of County</u>: County is not required to maintain or procure any insurance coverage beyond the coverage maintained by the County in its standard course of business. Any insurance obligations placed on the County in any of the **Contract Documents** shall be null and void.
- e. <u>Deductible</u>: Any and all deductibles contained in any insurance policy shall be assumed by and at the sole risk of Contractor.
- f. <u>Primacy of Coverage</u>: Coverage required of Contractor and its subcontractors, if any, shall be primary over any insurance or self-insurance program carried by the County.
- g. <u>Subrogation Waiver</u>: All insurance policies in any way related to this Contract secured or maintained by Contractor as required herein shall include clauses stating that each carrier shall waive all rights of recovery, under subrogation or otherwise, against County, its organizations, officers, agents, employees, and volunteers.

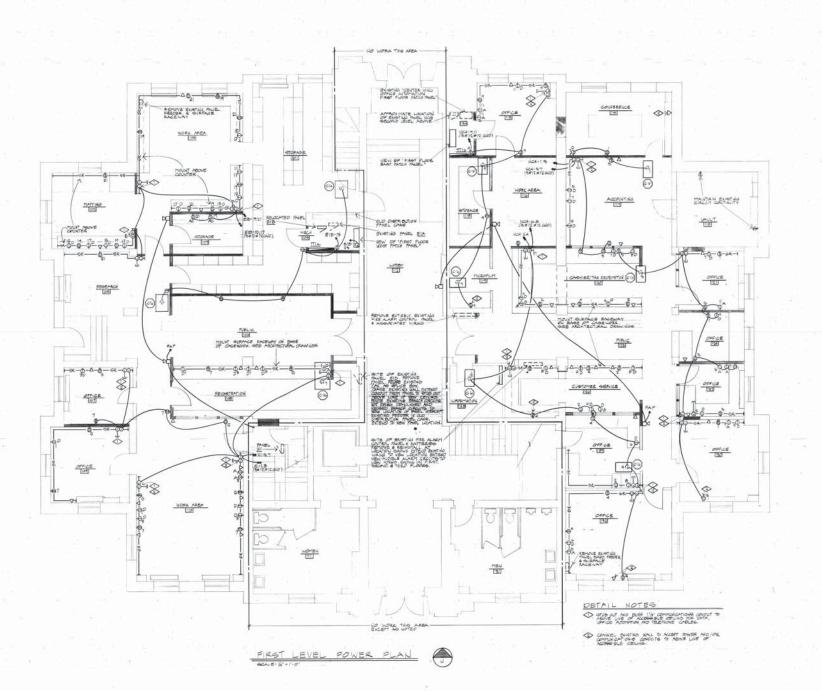
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IN WITNESS WHEREOF, the Parties have executed and entered into this Contract as of the latter day and year indicated below.

SIGNED for and on behalf of Boulde County	r	SIGNED for and on behalf of Contractor
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Name:		Name:
Title:		Title:
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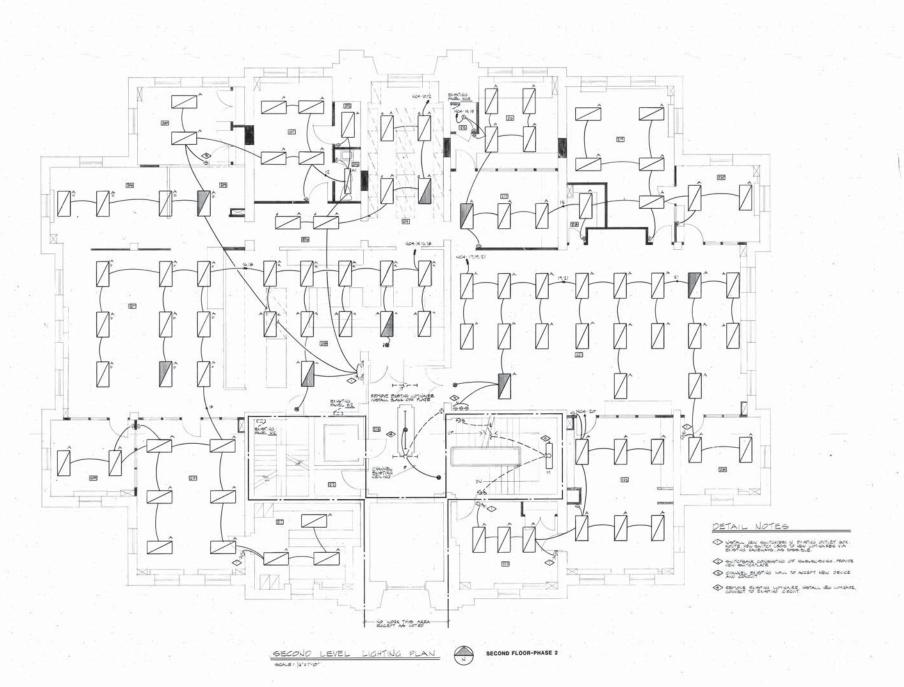
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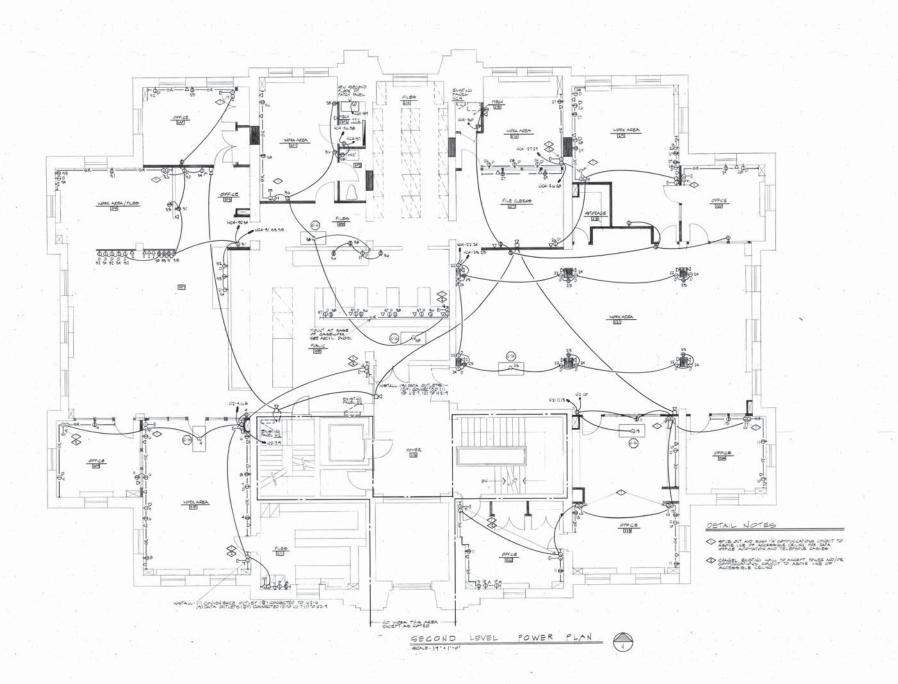


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Renovation of the Boulder County Courthouse

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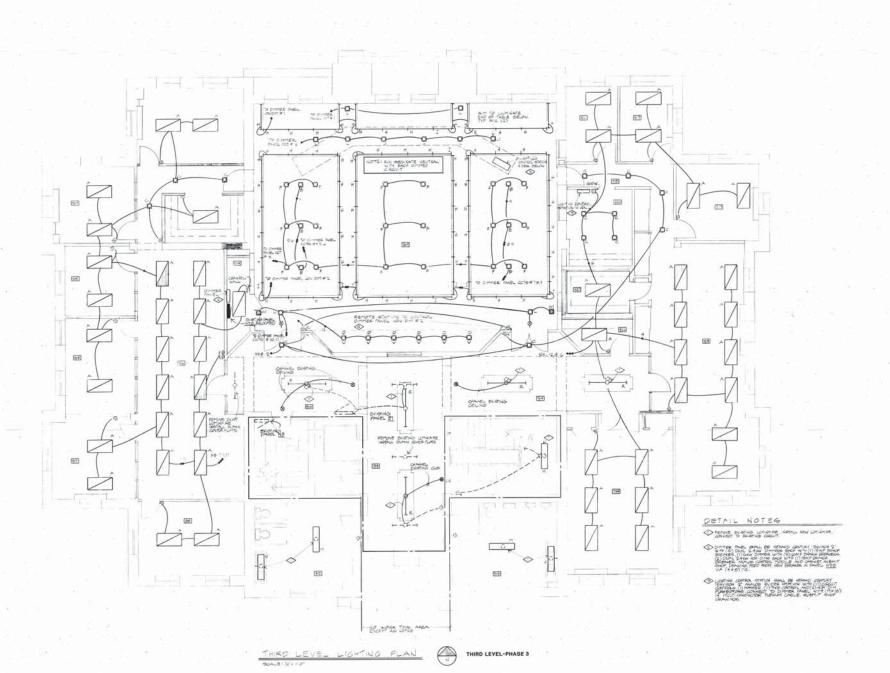
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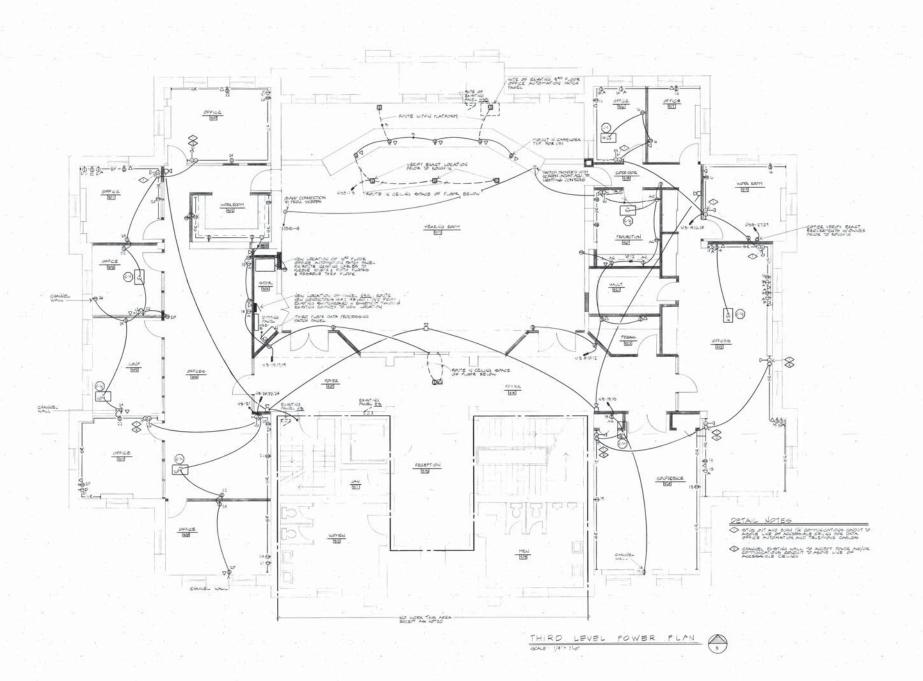
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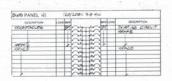
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COLUMBIA

SURE LITER

KEENE

NULITE

SPECIFICATIONS

Manufacture Catalog Number Voltage

PD 2450 -4960

P8/42G-4E/6

416697+6630# RTGOTT-1640S

+7684T-16800

RFR - 24 -17

EFH-EA WO-16

594 - 64 WO -96

HISTORY TO THE

CBA 240 LUNTOUER 41007

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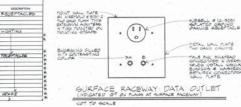
LUMINAIRE SCHEDULE

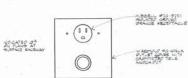
SPACE

856844

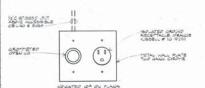
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MOUNTING DATA

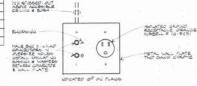






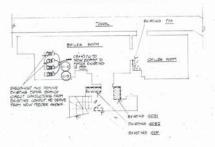


AUTOMATION OUTLET

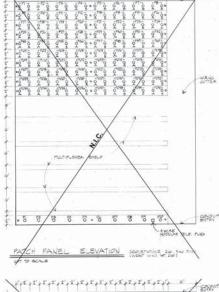


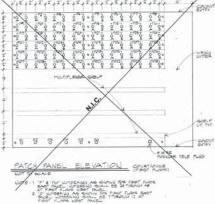
DATA OUTLET

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ernce .		OR BO	121	
1		OF 100	FA	
CONTROL CINCUT	9.7	OR BO	1/2	-



	PARTIAL	BASEMENT	ELECTRICAL	PLAN	(
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PANEL SECTION









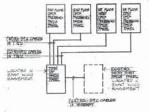
of the Boulder County Courthouse

100 BBL

Drawn PKA CUM Checked TWP Date 1/25/56 2,17/66

DETAILS

E-7



ON GO PAR FL CONNIGHT WITH GLEAR ALEAK CONE

DOUBLE FACE

DUSTABLE DOWNLOHT W CHEAR

BRACKET WITHITH CHECKET FIRST

FURLISHED SYNT LIGHT GINGLE FACE

R INPERIAL OF LAMP OF EN OTRIP

OF PHENOMEN CONTAINED BATTERY

PICINIONA

DATA PROCESSING CABLE SISTEM RISER DIAGRAM

NOT TO SCALE

					ELECTRIC	CAL LE	GEND				
			ALL	SYMBOLS	IN LEGEND MAY N	OT NECES	SARILY BE USED OF	N THIS PRO	JECT		
	THE REAL PROPERTY.		1	ABB	REVIATIONS A	ND DES	CRIPTIONS		Marie Street		a branch
*	MODERNIC HEIGHT ANY ALEMS ALTERNATING CLEMENT	m. or	DETERMINE NAME.	gra gra	GROWN FIRST CROSS BROWNERS CONDUCT	MPE	MOLATED	MTN SEA	SOOF TOP UNIT SHORT CINCART CURRENT AVAILABLE	VIDE VIDE VIDE	HOLTS GROUT CLERENT HAVELE PREQUENCY ON WATTHOUGH METER
*	ALTERNATING CUPPERST ABOVE COUNTER	(E)	SECTION CONTRACTOR	"	PROPER DESCRIPTION OF THE PROPERTY OF THE PROP	wre	MANAGA, TRANSPER SAVEGO MILITANA.	are	sunge motective: on/kit	NP.	MEATHERMOOF
APID	AND TAULT CIRCUIT INTERPUPTER		EHMIETPM	**	HORSE POWER	но	HIGHWALLY CLOSED	990	DOME VELLUROCK DESC.	w	WEATHER RESISTANT
APT APT	ABOVE FRIENDS STADE	RCA. SM	EARLOGISHE RESISTOR		MOLETTO GROUND MAJORAY	2	MINT LIGHT	21	DALAST TRAP	(a) (avoin	
NAME .	ARTHMEENG UNIT	eart	SUSC. METALIC TURNS	100	REGULATION THE	10	MINISTALINESS	296	THAP'RE RESIDENCE	D Merr	BEFERS TO EDIFFMENT SOMEOME WORK NOTE STARKS
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ens	AUTO TRANSPER SWITCH		NOCOL MODE		PREFOCONOTRAS 10000NV PRABL LOW YOR THOSE	400.00	POWER PACTOR	100	UNCHROMENET	1	UKATES REVEICH SYNDOX
	BATTERY	Au.	PRE-NAME		MAKER	av .	<b>РОТОИТНЕ ТОМОРОВНЕТ</b>	ian ian	UNDERFLOOR	(20)	PODE NAMED
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CHT	CONCUST	POR PO	FER ALIMPATOR	MOP .	MATTER CONCRETE CONCRETE	(0)	HEMOVE & RELOCATE	Lamb .	UNINTERNUTTELE POWER SLPPLY	() en	WORK LEHT LASE WESSHT
CP	CONTROL PANEL	98	THE SUPPLESCOR	160	WHEN DESTRUCTION FRANCE.	dead	ROOM	V.	V0LT8	gentermonera	WORK LEAT LAKE WEIGHT SYMBOLS DENOTE EXCEPTING PREMINE & WELDINATES
er	CURRENT TRANSFORMER	(4)	SPOUND	165	BESTOR GENERATOR LAWY	er	AMATON'	WE	VILTE ALTERNATIVE CUPPENT	0 ,	(MGLOCATED)
					LIGH	TING					
0	CERCHIC PROTURE	•□	POLEMONTED POTORE		MORNED	S	DRIAL POLE DRIVEN	5.0.	LOWER CASE LETTER BESCHTEL DESTROYERS	▣.	CONTROL CONTACTOR NEWS OF POLES
-0	THAIL MOUNTED FOOTUNE	0	word winder	0	MECEDIED MUNICIPAL PROMES	S,	2 - DOUBLE POLE SWITCH 3 - TOWER WAY SWITCH 4 - FOLEN WAY SWITCH	SSS	RENCATES SRITOWING SATTOMES GAMGED BYSAME BOX	-0.	DEPTEM REPORT TO PSCHARE SOMESTIME
-01 -01	DOT SIGN HAPPOW	1-0-1	ALKINESCENT STW	IZ.ZO	LIGHT TRACK WITH FOUTURE HEACH		2 - DOUBLE POLE SWITCH 3 - TORRES WAY SWITCH 6 - FOLE WAY SWITCH F - SWITCH AND PACT LIGHT 6 - NEY CPERATES SWITCH D - ORBITES SWITCH			0	ALL PROTUBERS IN NOOM AND THIS TYPE UNLASS HOTHER
0	LANCOCAME FOCUME	0	ALIONISCENT FINTANCE	0	FINITIANUS ON EMERICANCY ORDERS	Ø-	PHOTOGRA.	[OS]	GB = DOCUPAKEY SENSOR MG = MOTOR DETECTOR TC = TIME CLOCK.	0	UNLESS WOTED OTHERWISE
0	HETUSEPHTANE			0	DROAT			2	LOW YOU TAKE SWITCH		
	100	100			POV	VER	110-00				
0-	SHIRLD PROSPRINGS		PLOOF MOUNTED DUPLEX RECEPTAGE	•	METER	S <sub>10</sub>	NEWAL CHERLING BATCH	7	BRANCH CRICATE		MADT
0:	DAPAS HICEFTHILE	()-aro-l		Sw	TODGLE DECOMMENT SWITCH IS NOT	O- @	THERMOSTER (LINE VOLTAGE)			•	EXTRIDION WHIP
0=	UNIXAD FALLT CRESHT INTERMATER RECEPTACLE		MATICUTUS ANSWERS (NO PROCESS (NECEPTAGES AND SPACING) W NOWS GC.)	(P)	CROUT WINAMER DISCOMMENT WINES	0	RELAY (LOW VOLTAGE) SIX ENDO (LOW VOLTAGE)	200	MARK SISTEMBUTION PARKE OR SINTEMBORATO CONTROL PARKE	WHEN WE CONCU WITE:	ES NUMBER OF CIRCLISTS, IT SUB-UNLESS D'EMPRESSE
0	INDUSTRIA DIPOCHEE INDUSTRIALE DOORSES DUPLES RECEPTRICE	78	MAL BOX AMCTON BOX	D <sub>2</sub>	NOM-PLACED DISCOMMENT INVESTOR	<u>=</u>	THE GOOK	GP MEE	MOTOR CONTROL CENTER	-	DRITA HISGISTC
#	ARCSPIACLE DUPLEX MICEPTACLE SPLIT WIRES	0-	PLOOP MODITIES AINCTION BOX	NA CL		D-	PURHAUTON		PREDER BUS DUCT		(MITA MINISPEC
g.	COMBRATION DISTOR AND GUPLES RECEPTINGUE		FOMES ARCTION NO.	KT 300	PUDED SOCIAL SESSION S	늄	MOTO .	THERMIT	CARLE TRAY WITH DEPTHICAD/WETH		SMEET WESSELDING
<u>a</u> -	BRICH, PURPOSE CURSET	Ø,	COMMUNICATION ASSISTED BOX	×		40-	91.0730H	-1-	BACKSON COM		RACEWAY TURNED UP
	CEENG SPECIAL PURPOSE CUTEET	0-	MANAGE CATAST	Ø₁.	COMMUNITOR MOTOR SOMPSHOWCOMMICS SWITCH	⊕ →	BASERSARD HEATING ETHIP (BLECTRICAL)	-15	CONCERN (III BY-EAST-CH UP - UNCONFLOOR UQ - UNCONFLOOR H - BREEMAY	-	MCENAY TURNED DOWN
0	DELING DUPLICK HEXEPTINGS	13	TRANSFORMER (SHE TRANSFORMER SCHEDIKE)	0	MOTOR. BLECTRE DAMPER	=	POWERYNLEPHENE POLE	2	CMP		
101			- 20		ONE-LINE	DIAGRAN	AS				-
	CITICAT BINGAVER + 8400		CABLE TERMENATION	[ [4]	AMARTIN SILECTION SHYTCH		. DISCOPLINE RESISTANCESCAL	-	THE OVER CONSENT RELAT	125	
<del>*-</del> >	DREAMEN WITH DRAWOUT FEATURE +		CAPROTTER	70	AUTOMATIC TRAVESTER DAVICE	0 0	RED AND GREEN PROTUGERS		ACCORDAT (REDAKE)	R	MEATHER HEAD MERCICE ENTRANCE
~	PURE + 60%	<b>=</b>	CREAT BROARD WITH GROOMS PALLY PROTECTION	hammen		مله-	PURHEUTTON NORMAL T OPEN	-	OMER VOLTAGE RELAY	<b>A</b>	DHOLE HALD TRANSPORMER ALMERAL ROCKATES RATHO HINA
~	PURE AND ENCIUM - BRING	EB.	AATTERN	100	HANGE TRANSPER SWITCH	a.Lo=-	PURPOSETTON- NORMALLY CLICKED		PRESIDENCE SWITCH		NOCATES PATRO BIANA DERREGICANE
			PACAGONISO TRANSPORMEN	117	THAN CHEET CHECKES		CONTRCT WORKALLY CONTRCT WORKALLY CONTRCT WORKALLY	0	DOCKOUT FELAN		CHEMICAL GUY
0	Pulle - eofic	1005	DANSE MARKS			7	CENTACT MONMALLY	-	DOWN SKY AND MYCHOR	-8-	PRIMARY FUSE OUTSULAR TYPE
	PUBLIC DECOMMENT SHIPOH - BENT		TOWNSTORMER WARRIST TOWNSTORMER WARRIST	@~_	DIGRE-GRADU/OR UNIT	22	CATCHANG COL. GACCHA GWIDHAND	m:	BOKATES THE	1	DIRTTON ARE BRIGAN, MANUS OPERATED
Ž-	PRIMARY PUSE OUTDATI OR, TYPE DISTINCT ARE BROAK.		VOLIMETER SERVICE		PANEL MONTO	0	OPERATING COS. (ICCHEMITE DIAGRAM)		MODELE THE ADDRESS OF LEASE ADDRESS THE ADDRESS OF LEASE AND THE LETTER MEICATES THE TYPE		MANG CARLWEST
01		0	VOCIMETER MERCTOR SWITCH		PANSE BOARD ORDINANTON MODE	. EF	UNION VICTORS PRIARY		DADERGROUND DIGITS NUMBER OF PURCHTS DIGITS NEWSFIELD		
@>	CRICLET EMEASER WITH ET + DIRACT TRAF R + NEF ATTRICOMED E + GLECTRIC OMINATED	固	MANUFACTURE.	-	LOAD BREAK SLECTOR BEFORMAKE COMMECTION		MINISTER STREET, STREE		CETTER MENCATES		
		3741				-	RECTANDAMICOUS OURS CUMBENT RELAY				
					GROUNDIN	G/LIGHT	NING				
Ť	UKUAD	9	GROUNG TOO WITH HISPECTON WILL		DECEMBER CHESCAR		Licettimic	Į.	SURGE APPEACES	-	EXCHANG COMMETTER
Ţ	98090300	=	GROUND BUT ON WALL	[9]	PATENT GROWING PORT	~	HIGHERO AR TERMINAL	±	R.M. SPIGNO		EXEMPORES PROTECTION DAVIS CONDUCTOR
.00		Alexander of the last of the l			9400	THE		-			Unit Total
-	Name and Address of the Owner, where	I HÞ	TRUNKEN SUTLET	-1014	SYST	A London	INC - NATE COMPRIMATION	Test.	Victoria de la compansión de la compansi	,⊕+	manager street
2	TELEPHONE TERMANA CANNET TITLY TELEPHONE TERMINA MICROSHID		GCTV				HEAT OFTECTOR - LINE TYPE (CABLE)	, 141,	PRESSURE SWITCH		EMPROVED ENVIOR 5 - SHOWER 7 - TUALIT DOME LIGHT
B	TELEPHONE CUTLET FLOOR MOMENTED	8533	PRICALATIN CONTROL PANEL	-04	Ann lackon	16300	DATE TOTE (CARLE)	5 M	LOW AR PRESSURE ALARM	,Ø+	NAMES HOSPITES
•		CEMI	FFE ALASM ASSESSORTES	€.	D-00-002-200-98 C+O-00-00 A+98077-204-346	0,		9	PRINTERIOR SAMPER.	,Ø+	DOME LIGHT NEW BIGGINS
.50	TELEPHONE CUTLET  W + MALL MOUNTED  P + PAY FROME  F - PERMAN PHONE	ESES	THE NAME SOCIETY PARTY.	+⊛	PHYSICAL STATE OF THE		C - COMBINATION ORCHGINGST DETECTOR F - PROTOSLECTRIC I - NORCHINA BI - BEAM TRANSMITTER BI - BEAM TRANSMITTER BI - BEAM TRANSMITTER BI - BEAM TRANSMITTER		CARBON MONOXIDE DETECTOR AUDISE ALARM	,Ø+	SOME DOME LIGHT
•	TOJEPHONE GATA OVTUET	E323	FIRE ALAYM RELEASE FRANCE.	(A) 400	MEMORY LIGHT THAT SHATCH	12	BT - BEAM TRANSMITTER BR - BEAM RECEIVER	Ď.	MOST SWITCH	O-	DOOR OVERTA GLOOK
	MPLPER	653	FREFIGHTER INCHE CONTROL PHARE. FRE FIGHTER CONTROL PHARE.	[2]	FIRE OF EMPLOYOR'S PHONE	Ø.	DISCT SACHE DESCRIPTION S - SUPPLY AND PL - RETURN AND	100		c-	DUDGE AND SPENSER UNIT
100	MICHIGANICAL CATALOT	600	AR SAMPLINS CONTROL	E.	PROFE ACCUSES	6	DOPPLY ARE R = RETURN ARE	(O)+	MARTER STATION	(O),	MATERILLOCK
0	DYCAMER HOPE	H	SECURIOR SECTION	123	FRE OF EMERGENCY THOME : HWEED?	∅,	PLANT DETECTOR  PLANT DETECTOR  F = FLANE  UV = ULTRAVIOLET  d1 = SHINANOL  VX = VURBLE  FACIATION	0+	PATRICT STATEM: 1 MED.	ವಿ	MARTER IZOCK AND PROGRAM CONTROL
0		133	CONTROL MODULE	E3	FRE OF BURNOONCY THERE - JACK		et + sersanco yet + vicinus	①+ ①+	STATE STATEM - S MED.	"O-	DE HOLE CLOCK
0	SHARE OF WELLOW	552	BO THE WOOLE								
0	SPEAKER CALL IN SHITCH VOLUME CONTROL	-0	MILEME MODIES  AMERIC PLACTIFICAL	0	MATGETECOS-THOMAS.	, w	VALVE SUPPRIVENIES SWITCH	(O+	DUTY STATEM	O-	SUPPLIED THRE GLOCK
0	SPEAKER CALL RESISTED					y w	WALVE SUPPLYSCEN SWITCH	**************************************	DUTY ETATOR PRESENCE STATION EMPROSENCY STATION	,,©- S,	BLAMBED THE GLOCK MEMOT SWITCH FOR BLAMBED THE GLOCK CANCERDANCE

		LAMP	37775		11.000	410011111111	MOUNT	ING.			П	
KEY	QTY	TYPE	F GTY	DESCRIPTION	VOLT	FINISH	TYPE	DEPTH	MFR.	MODEL	VA	REMARKS
A	,	LED	١,	2XZ LED RECESSED INDIRECT TROFFER	120 V	WHITE	RECESSED	3-5/2*	METALLIX	225R4D2-29-C-UNV4.836-CD1-U	23	
AE	,	LED	1	2XZ LED RECESSED INDRECT TROFFER	120 V	WHITE	RECESSED	3-1/2"	METALUX	225R LD2-29-G-UNV-EM7W-L855-CD1- U	23	
C	2	LED	2	4' OPEN STRUP LED	120 V	WHETE	SURFACE OR CHAIN		COLUMBIA	LR0.4-35-ML-ED-U	55	
D	1	LED	1	6" ROUND LED DOWNLIGHT	120 V	CLEAR	RECESSED	3-3/4.	PRESCOU	LOSSL-DM-RLCSL-14L-35K-9-WH-WT	28	
Xt		LED		SINGLE FACE LED EXIT SIGN	120 V	WHITE	UNIVERSAL		COMPASS	CCG	0	
X2		LED	10.0	DOUBLE FACE LED EXIT SIGN	120 V	WHITE	UNIVERSAL.		COMPASS	CCG	0	
XA.		LED		DUAL-HEAD EMERGENCY LIGHT	120 V	WHITE	WALL + E-C*		COMPASS	CNS	0	



BUILDING SERVICES DEPARTMENT ARCHITECT DIVISION

2020 13TH ST. BOULDER, CO 80302

P.O.BOX 471 BOULDER, CO 80306

PHONE: 303, 441,3905 FAX: 303, 441,1718

TYPICAL I'-0" CEILING

FINISHED FLOOR

**BCER** 

COUNTY

BOULDER

DOWNTOWN COURTHOUSE EAST WING REMODEL

### TYPICAL DEVICE MOUNTING HEIGHTS

月克立

D

(1) [P] S Sp

V 9 (0) 00

### NOTES

NOT TO SCALE

TOP OF PANEL

TOP OF EQUIPMENT

- HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX LINLESS NOTED OTHERWISE
- OTHERWISE.

  CONTRAINED DOORS SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND DOVER AND YOU DOORS SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND MOUNTED HEIGHTS BHOWN DO ARCHITECTURAL ELEVATIONS SHALL GOVERN MOUNTED HEIGHTS HEIGHT ADDRESS TO THE TOP OF TH

## ELECTRICAL DRAWING LIST ELECTRICAL SECTION. SECRETAL PROPERTY APPORTS AND SECRETAL PROPERTY AND SECRETAL PROPERT

PAREL SCHEDULES
LIGHTING REMOVAL PLAN - BASEMENT
LIGHTING REMOVAL PLAN - FIRST FLOOR
LIGHTING REMOVAL PLAN - SECOND FLOOR
LIGHTING REMOVAL PLAN - THIRD FLOOR

POWER REMOVAL PLAN - ROOF

POWER REMOVAL PLAN - BASEMENT POWER REMOVAL PLAN - FIRST FLOOR POWER REMOVAL PLAN - SECOND FLOOR POWER REMOVAL PLAN - THRID FLOOR

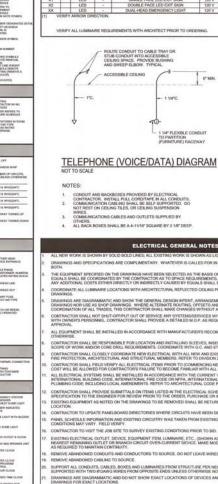
### ELECTRICAL NARRATIVE ROVIDE POWER FOR NEW LIGHTING, OFFICE I EWLY RENOVATED OFFICES IN COURTHOUSE

	CONTACT	LIST	
ARVADA OFFICE 5420 WARD ROAD SUITE 200 ARVADA, CO 80002 303.422.7400	COLORADO SPRINGS 10807 NEW ALLEGIANI SLITE 400 COLORADO SPRINGS, 80921	DE DRIVE	TAMPA OFFICE 4511 NORTH HIMES AVI SUITE 200 TAMPA, PL 33614 B13.449.4324
PROJECT DESIGNER: HAL RIGLEY 303.422,7400 X229 HIBGLEY@BCER.COM		DAVID HUG 303.422.74	

PROJECT LOGATION 2025 14TH STREET BOULDER, COLORADO 80302

SHEET ELECTRICAL GENERAL INFORMATION FILE NAME SHIPE BARRIES COMMON

SHEET E001



**ELECTRICAL GENERAL NOTES** NEW WORK IS SHOWN BY SOUD BOLD LINES; ALL EXISTING WORK IS SHOWN AS LIGHT LINES. DASHED LINES INDICATES REMOVA WINGS AND SPECIFICATIONS ARE COMPLIMENTARY. WHATEVER IS CALLED FOR IN EITHER IS BIRDING AS THOUGH CALLED FOR II

0" MIN

1 1/470

1 1/4" FLEXIBLE CONDUIT TO PARTITION (FURNITURE) RACEWAY

EQUIPMENT SPECIFIED ON THE DRAWINGS HAVE BEEN SELECTED AS THE BASIS OF DESIGN. THE USE OF REVIEWED OR SPECIFI ALS SHALL BE COOKDANTED BY THE CONTACTOR AS TO SPACE REQUIREMENTS, ECUIPMENT DIMENSIONS AND PERFORMANCE ADDITIONAL COSTS ETHER DIRECTLY OR NORINECTLY CAUSED BY COULAS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR ORDINATE ALL LUMINAIRE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN, FIRE PROTECTION, AND ELECTRICAL WINGS. WINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL DESIGN INTENT, ARRANGEMENT AND EXTENT OF SYSTEMS. DO NOT SCALL WINGS NOR USE AS SHOP DRAWINGS. WHERE ALTERNATE ROUTING, GREETS AND TRANSITIONS ARE REQUIRED FOR FIELD REPORTATION OF ALL TRADES, THE CONTRACTOR SHALL MARK CHANGES WITHOUT BODDITIONAL COSTS.

NITHACTOR SHALL NOT SHUT-OFFIRUT OUT OF SERVICE ANY SYSTEMSERVICES WITHOUT FRUIT COORDINATING ALL DOWNTHISE H OWNERS PERSONNEL, CONTRACTOR SHALL PROVIDE A DETAILED M.O.P. AS REQUIRED, DO NOT BEGIN WORK WITHOUT WRITT PROVIAL.

EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURIER'S RECOMMENDATIONS UNLESS SPECIFICALLY DIRECTED RESPONSE

NTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND INSTALLING SLEEVES, INSERTS AND SUPPORTS AS REQUIRED FOR THIS PPE OF WORK AND/OR CORE DRILL REQUIREMENTS, COORDINATE WITH G.C. AND STRUCTURAL ENGINEER AS REQUIRED. VITRACTOR SHALL CLOSELY COORDINATE NEW ELECTRICAL WITH ALL NEW AND EXISTING MECHANICAL, PLUMBING, ELECTRICAL, E PROTECTION, ARCHITECTURAL AND STRUCTURAL MEMBERS, REFER TO DIVISION 28 FOR CELLING SPACE ALLOCATION PROGRITE

IF HOTECTION, ANCHITECTURU, AND STRICTURU, MEMBERS, REPIET DO DIVISION 29 FOR CEARS 39-MCE ALLOCATION PROGRIMES INVALCED SHALL PLOY BERPP ALL ESCHOLA (TREAS PROFIT OF LOCAMBERION RAW WOODS QUIMINTRIA DA BI), NO ADDITIONAL STYLLE BE ALLOWED FOR CONTRACTOR'S PALUE TO DECOME FORMALINE WITH ALL EXISTING CONCRITIONS. ELECTRICAL SYSTEMS SHALL RES PRETALED IN ACCORDINACE WITH THE CUMPRITY PRESSOR OF MATCHINA, ELECTRIC, CODE, PRIMATORIA, BALDING CODE, WITERHATIONAL PRE CODE OR REPIRA METERNATIONAL MICHINACIA, CODE, AND INTERNATIONAL BRIMS CODE RELOCATION LOCAL AMERINANTS REPIET TO ARRESTE TURNOL COE PRACTICATION, COE PRACTIC

ITRACTOR SHALL PROVIDE SUBMITTALS ON ITEMS LISTED IN THE ELECTRICAL SCHEDULES AND AS REQUIRED IN EACH SECTION O CUPICATION TO THE ENGINEER FOR REVIEW PRIOR TO THE ORDER, PURICHASE OR INSTALLATION OF THESE SAME ITEMS. ITING EQUIPMENT AS NOTED ON THE DRAWINGS TO BE REMOVED SHALL BE RETURNED TO THE OWNER AT THEIR DESIGNATED ATION.

TRACTOR TO LIPDATE PANELBOARD DIRECTORIES WHERE CIRCUITS HAVE BEEN DELETED OR ADDID

ACCESSIBLE CELLING

EL SCHEDULE INFORMATION AND EXISTING CIRCUITRY WAS TAKEN FROM EXISTING PANEL DIRECTORIES AND PLANS. ACTUAL IDITIONS MAY VARY, FIELD VERBY. TRACTOR TO VISIT THE JOB SITE TO SURVEY EXISTING CONDITIONS PRIOR TO BID.

STING ELECTRICAL CUTLET, DEVICE, EQUIPMENT ITEM, LUMINARIRE, ETC., (SHOWN AS DASHED) SHALL BE REMOVED TO THE REST REMAINING GUTLET OR BRANCH CRICUIT OVER-CURRENT DEVICE. MAKE MODIFICATIONS TO EXISTING REMAINING SYSTEM REQUIRED TO MAINTAIN CONTRIBUTY. NOVE ABANDONED CONDUITS AND CONDUCTORS TO SOURCE, OO NOT LEAVE WIRES CONNECTED TO SPARE BREAKERS. KOVE ABANDONED CABLING TO SOURCE.

PORT ALL CONDUITS, CABLES, BOXES AND LUMINAIRES FROM STRUCTURE PER NEC 300.11. LAY-IN FOCURIES SHALL BE PORTED WITH TWO #12AWG WIRES FROM OPPOSITE ENDS UNLESS OTHERWISE NOTED. WINGS ARE DIAGRAMMATIC AND DO NOT SHOW EXACT LOCATIONS OF DEVICES AND EQUIPMENT, REFER TO ARCHITECTURAL WINGS FOR EXACT LOCATIONS.

RECEPTACLES WITHIN 6 FEET OF A SINK ARE TO BE GFC! TYPE AND GFC! RECEPTACLES SHALL BE IN AN ACCESSIBLE LOCATION. I NEC. WHERE RECEPTACLE IS INACCESSIBLE, PROVIDE A REMOTE GFC! RESET BUTTON IN AN ACCESSIBLE LOCATION.

NTIFY JUNCTION BOXES WITH PANEL AND CIRCUIT NUMBER. BAY THE FLOOR PRIOR TO CORE DRILL UMLESS NOTED OTHERWISE

25. ALL EXTERIOR RECEPTACLES TO HAVE IN-USE COVERS.

RECEPTACLES MOUNTED BACK-TO-BACK IN FIRE RAYED WALLS SHALL BE PROVIDED WITH A THROUGH-PENETRATION FIRESTOP SYSTEM.

PROTECT FOCURES THROUGHOUT CONSTRUCTION.

28 CLEAN AND RELAMP LIMINARIES THAT HAVE BEEN AFFECTED BY WORK ON THIS PROJECT.
29 CORRECT ALL BOT AND EMPROPENCY EGRESS LIMINARIES (DENOTED BY SHADING) TO EXISTING 277-YOLT EMPRICIPACY EGRESS CRICIATS SERVING THE AREA.

30. PROVIDE UNIT PRICE FOR ADDITIONAL EXIT SIGN(S) AND INSTALLATION AS REQUIRED BY INSPECTOR (A-U).

PROVIDE DESCRIBULD PRIE ALAIM SYSTEM TO MATCH DOSTINO BUILDING SYSTEM BY APPROVED YENDOR.

CONTACT BOER ENDINEERING B 303-922-740 FOR FEE TO UPDATE PANEL ARCH FLASH LABBLES FOR ALL BLECTRICAL PANELS,

SWITCHGRORDS AND DISTRIBUTION PANELS. THAT MAY HAVE BEEN A TIERED OWNER THE PRODUCT FREMODE!

33. PHOVIDE INDIVIDUAL NEUTRALS AS REQUIRED BY NEC ON ALL NEW AND EXISTING CIRCUITS.

DIVIDICIN 200000

GENERAL PEQUIPEMENTS

- A SEE GENERAL CONDITIONS AND ALL OTHER REQUIREMENTS RELATING TO ELECTRICAL SYSTEMS FOR THIS PROJECT.
- IS PROVIDE ALL TEMS FOR COMPLETE AND SLICCESSPLE OPERATION OF ALL ELECTRICAL SYSTEMS.
- C. ELECTRICAL DIAMNOS ARE OWGRAMMATIC DNLY. ELECTRICAL BUSCONTRACTOR IS RESPONDELE FOR INSTALLATION OF ALL WORK ACCORDING TO ARCHITECTURAL, ETHECTURAL, MIG MECHANICAL DRAWINGS AS WELL.
- D. HOPE THOUSE SHALL MEAN THIS CONTRACTOR SHALL FLENSH, INSTALL AND CORNECT
- E. VISIT SITE AND INCLUDE ALLOHANCE IN BID FOR ALL COSTS RELATED TO THE ELECTRICAL INSTALLATION.
- F. SEMONSTRATE THE OPERATION OF ALL ELECTRICAL SYSTEMS FOR THE OWNER AT A TIME AS DIRECTED BY ARCHITECT.
- ELLAY OUT ALL WORK IN ADVANCE. DO NOT DEFACE WORK OF OTHER TRADES. INSTALL ALL SLEEVES AND ILLOCKOUTS, WATERPROOF AS REQUIRED.
- IF ALL CUTTINGS ON THE ENTIRE OR ON CONTINUED OF RESISTING ON NOW ELECTRICAL ENTITIES SHAPE. IRE MIRMANES AND THE ENTIRE OR ONE OFFICIAL SHAPE OF A SHAPE
- I PELD CHECK ALL EXISTING CONDITIONS AND INCLUDE AN ALLOHANCE IN THE BID FOR THE REMOVAL ANDORS RELOCATION OF EXISTING CONDUSTS, WHES, DEVICES FROUTINGS FOR, AS INDICATED ON THE PLANS OF AS RECURRED TO COORDINATE AND ADAPT NEW AND EXISTING ELECTRICAL SYSTEMS TO ALL OTHER WORK.
- § FURNISH AND HETFAL ALL MATERIALS AND EQUIPMENT AND PROVIDE ALL PRODUCED TO COMPATE THE WORK OF HOMOLOGY DULK MANUSCO, ALL OTHER WORK AND MISCELLARGOS, STEELS HOT SPECIFICALLY AND EQUIPMENT AND EXCELLARGOS, STEELS HOT SPECIFICALLY AND EXCELLARGOS, STEELS HOT SPECIFICALLY AND EXCELLARGOS, STEELS HOT SPECIFICALLY AND SPECIFICAL STEELS HOT SPECIFICALLY.
- THE PROJECT IS MOREN THE 2015 CCCCC BUSINE AND SHILL SHOULDE COMMERCIONED OF THE ELECTRICAL AND ADMILL SHOULDE COMMERCIONED OF THE 2015 CC. THE ELECTRICAL COMPRISON OF THE SHOULD COMPRISON OF THE

- A ALL ELECTRICAL MATERIALS SHALL BE NEW (EXCEPT IF INDICATED ON SPECIFIED OTHERWISE, IN FIRST CLA-CONDITION, UNICERNISTERS LABORATORIES, INC. (SLL) APPROVED, AND SHALL COMPLY WITH APPLICABLE HIGHL STRANDERS.
- B. CORPLY WITH ALL APPLICABLE LOCAL AND STATE OPDINANCES AND LATEST EISTION OF TICE INTERNATIONAL BULDING CODE, RICE NUTCHAUL ELECTRICAL CODE, INPA CODES, AND WITH THE REQUIREMENTS OF UTILITY AND TELEPHORE COMPANIES TRANSPORTS DETRICALS.
- C. PROCURE AND PAY FOR ALL PERMITS, LICENSES AND LIABILITY INDURANCE, ETC. FLEMEN CERTIFICATE OF FRAIL INSPECTION AND APPROVAL FROM LOCAL INSPECTOR.
- CL MATERIAL SHALL BE AS SPECIFIED UNLESS PRIOR ACCEPTANCE HAS BEEN GREANED FROM ARCHITECT SEVEN (7) DAYS BEFORE BIO OFFINING.

### COORDWATION

- B THE CONTRACTION SHALL CONSISSANT DISSIONS IN WORS WITH THE RESTALLES OF SHARDOWN TO SHALL CONSISSANT OF RECORD IN WORSE WITH THE RESTALLES OF SHARDOWN TO SHALLES WHAT COME RECORDED IN ACCUSED TO SHALL CONTRACT RECORDED OF RECORDED OF RECORDED OF RECORDED OF RECORDED OF RECORD OF RECO
- C. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES. FINAL LOCATION OF ALL DEVICES TO BE DETERMINED BY THE ARCHITECT.
- O PRIOR TO COMMENCING CONSTRUCTION, NOTIFY ENGINEER OF ANY DISCREPANCES BETWEEN ELECTRIC DISNIBIDIS AND ANY OTHER PROJECT CONVINCES IN THE PROTECTION, FURNITIES ENTITED ARECONOMISS TRUCTURE, 2DT, AS USED CONCINCIONS STRUCTURE, 2DT, AS USED, AS DISCREPANCES BETWEEN DISNIBIDIS NO ESSTRAP FIELD CONCINCIONS.

- A DIGITHO SYSTEMS AND CONCITIONS SHOWN ON DIMANUS ARE PROVIDED FOR GUIDANCE CHILY. THE FLECTICAL CONTINUES ON ALL PRIZE OF SHOWN ALL SHEETING CONSTRUME SHOWS TO SECRED AND SHALL RECICICE HIS SHEETING ALL ALL SHOWER OF THE SHEETING. AND SHEETING ALL SHEETING AND SHALL RECICIES HIS SHEETING ALL ALL SHEETING ALL SHEETI
- B. WHERE EXISTING CONCURS, CUTLETS, ARKTON BOXES, STC. WHE TO REMAN ARKDON BEING PRESED, MAKE CORRIGH WHAT THE WINNES IS CONTRIBUTED FROM DUTLET TO DUTLET. WHO DESCRIBED ASSESSED TO THE DUTHING LECTRICAL INTEREST O ARKST THAT SERVING MEMORIAL SHOWING MARKS OF ARKST OUTLETS AND CREATED OF ARKST STEELED ON NOT HAS THROUGH OUTLETS ON ARKSTON BOXES THAT MAKE HE MAKERION PACCESSORS. ET THE REMOVED, MOOK.
- C. COWNECT NEW WORK TO CUSTING IN A MANNEY THAT HILL ASSURE PROPER RACEWAY GROLNOWG THROUGHOUT IN COMPRIMANCE WITH NEC AND THESE SPECIFICATIONS.
- D. CUTTING AND PATCHED. THE CONTRACTOR SHALL PERFORM ALL CUTTING, OVAMBLISIS, CHARKE, SHELSING ETC. AS REQUIRED TO NOTAL OR HEINOVE ELECTRICAL SQUARMENT IN ARRIVA OF REMOTE SHALL OF HEINOVE SHALL SE PREPRIENTS OR AT TOMANDED SHARKET OF WALL FRESHES, SURFACES, PLATIFIED, OR PRINTED, LINCHER ANDTHER ENTITION OF THESE SPECIFICATIONS.
- CAREFILLY COORDINATE WITH THE REQUIRED REMODEL WORK, CUTTING AND PATICHING, ETC., PERFORMED BY THE OTHER TRACES. REMOVE OR RELOCATE EXISTING ELECTRICAL COMOUNTS, WRITES, DEVICES, FOTURES AND OTHER EXISTERM AS MESSESSED.
- F. ALL OUTAGES ON PORTORS OF EXISTING ELECTRICAL SYSTEMS SHALL BE MINIMIZED AND SHALL BE OF A DURATION AS ACCEPTED BY THE OWNER.
- IS EXISTING COADUITS, WHE, DEVICES, LIGHTING FUTURES AND EQUIPMENT ETC, WHICH IS BEING REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, EXCEPT NOTED OTHERWISE.

- A RIGID CONDUIT, INTERMEDIATE METALLIC CONDUIT, AND/OH ELECTRICAL METALLIC TUBING AS PERMITTED BY ARC.
- B. SCHEDULE 40, RIGID PVC PLASTIC CONDUIT FOR ALL LOCATIONS DIRECTLY IN EARTH, GRAVEL, ETC. OR DIRECTLY BILLOW OR IN CONCRETE SLAB-ON-GRADE.
- PROVIDE FLEXIBLE METAL CONDUST WHERE WIRING MUST BE FISHED OR FOR EQUIPMENT, MOTORIS, LIGHTING FIXTURE OR TRANSFORMER CONNECTIONS
- D. ALL EMIT CONNECTORS AND COUPLINGS SHALL BE STEEL, COMPRESSION GLAND OR SETSCREW TYPE. CONNECTORS AND COUPLINGS MADE OF MALEJABLE 99ON OR OTHER MATERIALS ARE NOT ACCEPTABLE.
- E. HISTALL RADEWAYS CONCEAUDI. SURFACE MOUNT COMDUTS IN ELECTRICAL AND MEDIANICAL ROOMS ON WHERE APPROVED BY THE ARCHITECT.

A MINIMAN WIRE SUE FOR BRANCH CIRCUITS NO. 12 AWG. EXCEPT FOR CONTROL CIRCUITS, WHICH MAY BE 14 AWG. SIGNAL CIRCUITS WERE SUE SHALL BE AS INDICATED ON THE DRAWINGS. ALL WIRING SHALL BE

### ROUTED WITHIN RACEWAYS.

- B. USE NO. 10 AWG CONDUCTOR FOR 20 AMPERE, 130-VGLT BRANCH CIRCUIT HOME RUNS LONGER THAN 15 FEET. AND FOR 20 AMPERE, 271-VGLT BRANCH CRICUIT HOME RUNS LONGER THAN 200 FEET.
- C. CONDUCTOR INSULATION SHALL BE OF TYPE RECOGNIZED BY THE NATIONAL ELECTRIC CODE AS APPROVED FOR TIS PARTICULAR APPLICATION. ALL WIRES REGARDLESS OF SIZE, TYPE THINK AND THRIS EXCEPT AS INCIDES
- 2 ALL WRING IN METAL HOOF DECKS, W OR NEAR ROOF INSULATION, OR EXPOSED TO SUN, TYPE THW.
- E. SPLICES FOR NO. 8 AND SMALLER WIFE WIFE OR WIND NUTS.
- F. ALL WIFE SHALL SE COPPER, INSULATED FOR 800 VOLTS.
- 1. 25WAP. CO VOLT, #12 FOR 1-75 FEET, #15 FOR 75-150 FEET I 20AMF 277 VOLT, #12 FOR 1-115 FEET, #10 FOR 176-350 FEET
- 3. MARKE TOD VOLT ATTEFOR SUSSIFIET AN FOR 35 YOU FEET
- 4 30AMP 277 YOLT, #10 FOR 1-115 FEET, #8 FOR 176-360 FEET.
- H. ALL SWIES SHALL BE COLOR CODED. WINES NO E AND AND SMALLER SHALL BE FACTORY COLOR, CODED WISE NO.4 AND, NOLL-HOLDS HAVE PECALLED, CODED IN PELEPARATING OF COLOR LAYING OF SECRELISATIVE OF STRONG CONTRACT OF SECRELISATIVE OF SECRELISATIVE OF SECRELISATIVE OF SECRELISATIVE OF SECRETISATIVE OF SECRETI

- A FOLELANCH (4') SQUARE OR OCTADONAL ZINC-COATED SHEET STEEL BOXES
- IS PROVIDE THREE-EIGHTHS WOH DIST NO BOLT FIXTURE STUDS FOR FIXTURE OUTLETS. IC PROVING COVERS SET TO COME FLUTH WITH FINISHED WALLS.
- D. STRUTY OR SECTIONAL SWITCH BOXES ONLY WHERE PERMITTED
- E. VERBY MOUNTING HEIGHTS OF ALL DUTLETS PROR TO INSTALLATION, LOCATE DUTLETS TO CLEAR COUNTRIS, SENCHES, BASERGANDS ON FINITIBE HEATERS, ETC, OR AS REQUIRED TO SERVICE EQUIRMENT.
- F. SUPPORT: DUTLET DEVICE, PILL AND JUNCTION BOXES RIGIDLY FROM THE STRUCTURE EITHER DIRECTLY OR BY LISING A RIGID SUPPORT, IN ACCORDANCE WITH REQUIREMENTS OF ART. 314-23 OF THE NEC.

- SPECIFICATION GRACE RECEPTACLES. HUBBELL SING SERIES OR AS ACCEPTED, GROUND FAULT ORIGINT INTERPEPTERS. HUBBELL GRYSSIZ, OR AS ACCEPTED, MOUNTING HEIGHT +16 INCH AF F. TO CENTER OR AS.
- Z WEATHERPROOF OUTLET COVER HURBELL 5200 SERVES, OK AS ACCEPTED
- 3. AC QUEST OPERATING TYPE SWITCHES: HARREST, HIS 1221 SERIES, OR AS ACCEPTED. MOUNTING HEIGHT  $\sim$ 12 INCH A FF. TO CENTER OR AS NOTED
- HIGH AFF IND CENTER OF AS NOTED.

  4 DAMBER SWITCH "SLIGE TO UPF TYPE, WITH A VA (M) RATING SUITABLE FOR THE LOAD SERVED. LUTRON-NOW SERVED. GRAS ACCEPTED. MOUNTING HEIGHT HO INCH AFF. TO CENTER OR AS NOTED.
- IS DEVICE PLATES SHALL BE, KYLON, EXCEPT AS DIRECTED BY ANOHITECT.
- C. SPECIAL PURPOSE RECEPTACLES OR OTHER DEVICES SHALL BE AS MIXCATED ON THE DRAWINGS.
- WRING DEVICES AND DEVICE PLATES COLOR SHALL SE AS DIRECTED BY THE ARCHITECT AND OWNER. FOR REMODEL WORK MATCH COLOR OF NEW WITH REMAINING.

- ALL BRIVACE EGLIPMENT, CONQUET DYSTERS, BUPPORTS, CARRIETS, LOGITING STANDARDS, POLIZE EQUIPMENT, FIRTHERS, TITC, ARD THE GROUNDED CHICAT CORDICATION SHALL SE PROPERLY OFFICIARIED IN ACCORDINGE WITH THE LATEST SIBLE OF THE NATIONAL EXCENTION, CODE. PROVIDE SCHEWIG JUMPERS, GROUNDING BUSHNISS, CLAMPE, ETC. FOR COMPALE SE GROUNDING.
- PROVIDE A SEPARATE GROUNDING CONDUCTOR, SECURELY GROUNDED ON EACH SIDE OF ALL RACEWARD CONTAINING SECTIONS OF PLACHS; FIREY, CEMENT, OR FLEXIBLE RACEWAYS. SIZE IN ACCORDANCE WITH THE MATICINAL BLECTERIOR. COOK
- THOUSE A GREEN GROUNDING JURIPER FROM THE GROUND SCREW TO A BOX GROUNDING SCREW OR CLIP FOR ALL DROUNDING THE DEVICES. USE NOULASTED WIFE.
- PROVIDE A DEPMARTE EQUIPMENT GROUNDING CONDUCTOR IN EVERY FEEDER AND INMICH CIRCUITS.
  INCLUDING MC CARLE. IF THE SIZE IS NOT INICIATED ON THE DRAWINGS, SIZE IN ACCORDANCE WITH TABLE
  200 (32 OF NEC.

### 200000 - EQUIPMENT WITHOU SYSTEM

- A. VMERE OUTLETS ARE NOCKATED FOR INSCELLANDIUS EQUIPMENT RECIPINAL ELECTRICAL POWER OR CONTROL PROVIDE WIRE, CONCERT, OUTLETS, HEAVY DUTY DISCONNECT SWITCHES, ETC, AND MARK ALL REQUIRED COMMECCINE.
- B. PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE
- C. WHIPY EXACT CONNECTIONS REQUIRED FOR ALL FOLLOWING PRIOR TO ROUGH IN
- D FOR REVIOUALLY MOUNTED MOTOR CONTROLLERS SUPPLED UNDER SPECIFICATIONS DAYBORS OTHER THAN OWNING 31, CONTROLLERS AND DISCONSECTIONALS BE SUPPLED BY THE EQUIPMENT SUPPLEIR, ELECTRICAL CONTRACTION TO SET IN PLACE AND PROVINCE ALL REQUIRED CONDECTIONS.
- E. ELECTRICAL CONTRACTOR TO PROVIDE ALL MATERIALE AND LABOR REQUIRED FOR THE INSTALLATION AND TESTING OF OWNER ELPPLIED EMERGENCY GENERATOR AND TRANSPER SWITCH.

### A DEAD-FRONT CRICUIT BREAKER TIME KEY LOCK, AND TYPED DIRECTORY CARDS. PARELE SHALL BE SOOR IN DOOR! CONSTRUCTION.

- B. THERMAL INCONTROL CIPICAL PREASERS, COMPLETELY INTERCHANGEABLE, BIOLISS TO THE BUE MILITIFOLE BREMERS. SHALL HAVE COMMON, INTERNAL TIOP
- E. MANNAM INTEGRATED SHORT CHICAT RATING. 10,000 AMPERES RINS STIMMETRICAL FOR JAG VICLT PANELBOARCE, 14,500 AMPERES RINS SYMMETRICAL FOR ANY OUT PANELBOARCE, OR AS INDICATED ON THE SPANNIGH. IL EXCEPT SPECIFIED OTHERWISE, PANEL BOARDS TYPE SHALL BE AS FOLLOWS:

	MANUFACTURER	120000611	2114801	15/120041
1	GENERAL SLEETING	40	AE.	OF.
1	CUTLER HAMMEN	996,5	PRL2	P95.4
9	SQUARE (I)	Nggo	145	ALDIE
	ARREST	i-senses	a remain	in delinated

- PRINCESONIOS MAY CONTAN NOT MORE THAN THO SUBTED SHEAVERS WITH NATINGS IN EXCESS OF VIGA, BUT LESS DIAN 2014.
- 5. PANEL BUSES SHALL BE COVER.

### 26516 - LIGHTING (SKTURES)

- A PROVIDE ALL NEW LIGHTING FIXTURES COMPLETE WITH LAMPS, BALLASTS, REFLECTORS, PLASTER FRAMES, FLANDES, STEIN HANCERS, ETC., ASSEMBLED AND READY FOR OPERATION AND AS DESCRIBED ON THE DRAWNING. INCREMY CELLING TYPES.)
- BLALL BALLASTS SHALL BE CLASS P, "CBM-ETL" CENTIFIED, H.F.F., EMERGY EFFICIENT TYPE: ELECTRONIC BALLASTS TO HAVE LESS THAN 10% THE).
- C. MOUNT ALL FIXTURES AT POSITION AND HEIGHT TO CLEAR DUCTS, ETC.
- D. PROVIDE TWO NO. 12 GALGE HANGERS CONNECTED FROM THE FIRTURE HOUSING TO THE STRUCTURE, IN ADDITION TO THE POSTURE REQUIRED ATTACHMENT TO THE CELLING SUSPENSION SYSTEM.
- E. ALL LAMPS SHALL BE ENERGY EFFICIENT TYPE, EDUAL TO GENERAL ELECTRIC, PHILLIPS OR SYLVANIA.

## COMeheck Software Version 4.0.6.0 Interior Lighting Compliance Certificate

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Control Space Value (Miles - Danie Miles	6760	246		more
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. . . . Charles at time distant errore Space Topes Comitio 1857 A LOSA Laws (NO. . . . comman Server Server (Server (SE and CO) on b.) And the Control of th 1 1 1 2

| Column | Description | Descr

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20124 Speed Spring come decembly Districts

271100 - VOICE AND DATA CONDUST SYSTEM

C. PROVOE TELEPHONE TERMINALS BOARDS AS SHOWN ON DRAWINGS.

A PROVIDE ROUGH IN WHERE INDICATED ON THE DRAWINGS. PROVIDE SHANCH CONDUST WITH FULL WHITE FROM EACH DUTIEST TO B WICH MICHAEL ACCESSIBLE CREAKS. BEND CONSUST SO DEGREES AND WISTALL CONDUST BUSINESS AT CONSUST SO.

B. ROUGH IN SHALL CONSIST OF FOUR HICH HY LOCARIE BY 2-10 WICH DEEP BOX WITH SINGLE CAND COVER. OUTLET PLATES COLOR AND FINISH SHALL MATCH OTHER DEVICE PLATES.

D. ALL COMMUNICATIONS CARLES ABOVE COLLING SHALL BE FLENUM NATED. SUPPORT CARLES FROM THE STRUCTURE. DO NOT LAY CARLES ON TOP OF THE CELLING SYSTEM.

E. SUPPORT AND INSTALL VOICE AND DATA PACEURY SYSTEM AND CABLES FOLLOWING EARTH STANDARDS

(1) Page Stages (Table 1) [2] States Stages (Table 1) [3] And Stages (Table 1) [4] And Stages (Table 1) [5] And Stages (T

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COMcheck Software Version 4.0.6.0
Inspection Checklist

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BUILDING SERVICES DEPARTMENT ARCHITEC DIVISION

2000 13TH ST BOULDER, CO 80302

P.O.BOX 471 BOULDER, CO 80306

**BCER** 



COUNTY DOWNTOWN COURTHOUSE EAST WING REMODEL OULDER m

### **ELECTRICAL COMMISSIONING NOTES**

Project Title. Fact this payments benefit
Take benefit (1/16) to the Payment benefit (1/16) to consider a se-

- THIS PROJECT IS UNDER THE 2017 COBECC AND SHALL INCLUDE COMMISSIONING OF THE ELECTRICAL AND LIGHTING SYSTEMS AS REQUIRED BY SECTION C407.3 OF
- OF THE LECTRICAL AND LUFTHES OFFITIES A DISCUSSION OF SECTION CHEZ 2 OF THE ZETCHTOCK. CONTRICTOR THE CENTRAL CONTRICTOR THE COMMISSION OF COMMISSION OF SECTION CHECK THE THE THE THE THE COMMISSION OF SOME THAT OFFITIES OFFITIES OF A THINKING COMMISSION OF MEETING, COMPLETE OFFITIES OFFITIE

LOCATION

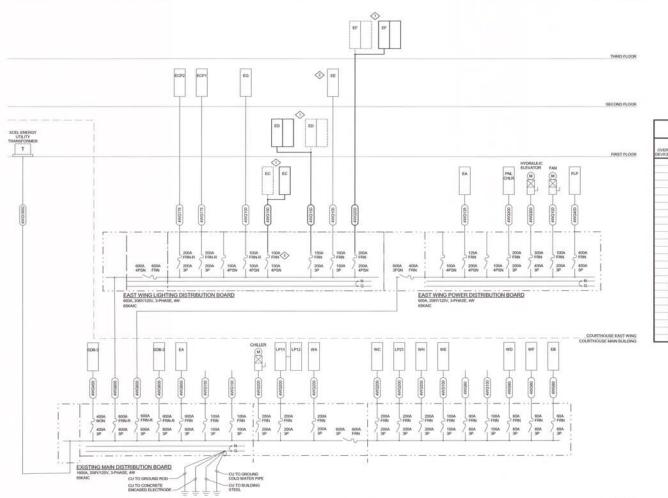
SHEET

ELECTRICAL SPECIFICATIONS

ELENAME

DECREE - Books Cooks Continue Continue Reports - MCC, NY Lot

E101



### GENERAL NOTES:

- REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULTS AT THE MAIN ELECTRICAL EQUIPMENT
- SEE PANEL SCHEDULES ON E701 FOR INFORMATION ON NEWLY INSTALLED PANELBIOARDS.

### WORK NOTES:

- PANEL TO BE DEMOCIBHED AND REPLACED WITH NEW, SEE PANEL SOCIEDLES ON ETH FOR PANEL BOARD RECREMENTAL REMAINING EXISTING CIRCLITS IN ADDITION TO ANY NEW CIRCLITS SHOWN ON ETH.
- PANEL TO BE WORKED ON IN THIS PROJECT.
- (3) EXISTING FUSES TO BE REPLACED WITH NEW

		FEEDER TA	BLE	
		THREE WIRE + GROUND	1	FOUR WIRE + GROUND
DEVICE SETTINGS	PERDER	COPPER CONDUCTORS INSULATION PER SPECIFICATIONS	FEEDER IDENTIFIER	COPPER CONDUCTORS INSULATION PER SPECIFICATIONS
20	366050	(3#12 = 1#12G)107G	49/020	(4812 + 1812G)34°C
30	399030	(S#12 + 1#10G)SW°C	4W030	(AP18 - 1819G)3/4°C
40	3WG40	(386 + 1810G)3/PC	4W040	(ARE + TRIDGISHYC
50	299000	(366 + 16106)34°C	49/550	(686 + 1810G(5°C
60	380000	(384 + 3810G)FTC	4W060	(484 + 18100)1-54°C
70	3990275	(184 + 1880)1°C	4WG70	SWM + 186001-DWC
100	3WG100	(381 + 1890)1-114°C	4WG100	\$4#1 + 1#8G)1-1GPC
125	3WG125	(1810 + 1800)1-10°C	4WG125	(48%) + 1890)Z*C
150	3WG150	(3810 + 180G)1-10°C	4WG150	(4810 + 1800)FC
175	9WG175	(345)6 + 146G)2°C	4990175	(440/0 • 1460)2°C
200	3W0290	CM3/0 + 1/40GETC	4000000	(4830 + 1860)ZC
225	3WG225	CHANG + TANGETO	#WG225	(6840 + 184G)2-10°C
250	3WG250	(3M250HCMS, + 184G)2-127C	4W0258	(48250KCMB, + 1840)3°C
300	3WG305	(38350KCME, + 184G)2-12°C	4WG300	(ARDSONICSML + 164G)3-55°C
360	3WG350	(SMSOOKCMIE, + SMSO)2°C	490350	(48500KCM), + 1K3G(3-10°C
400	3WG400	(зивожеми, + мосрес	4WG400	(ARSODKEMIL + HRIGHS-SUPE
500	3WG000	2((34250КСМК, + 1420)2-1/2°С)	4W0500	2844250KCMIL + 162G)2*C]
600	3WG600	2govotokowa, + setogo trznoj	#W0600	apurasonome. • tengang
800	3WG800	SERVICEMENT + INTEGRACE	4WG800	2[H4500KCMK. + 18100(3-10°C)
1000	3WG1000	4((34058)KOME, + 14(240)(2-10°C)	4WG1000	4[14050KCM8, + 1620G(37C)
1200	3W01200	4(38350KOM), + 183/00(2-507C)	49951080	4E4KROKCHE + 1KNOCHTC
1600	3WG1600	SĮCIESOOKCIME, + 184/OGĮO*CĮ	419/01600	Sparsoncome, + telecopa-tr2*C)
2000	3W02000	яривономи, + эконокоми, оргоз	49902000	RÉMINOUNCIME + INSTONCIME (EL) 1/2/2
2900	3WG2500	TESHSOOKCME, + NESSONCME, GUTCE	4WG2500	привооксия, • тизкоксия, ара-топер
3000	20053000	BENEVINONE + 18400CML007C	49/53000	ANAMODICARE + 18400KCAMEGES-1/2°C

LOAD REMOVED:	
POWER	~40.400KYA>
LIGHTING	<19.000KVA>
TOTAL LOAD REMOVED	<59.4608(VA.)-
LOAD ADDED:	
POWER	36.486KVA
LIGHTING	57.3596XA
TOTAL LOAD ADDED	53.645KVA

EXISTING ELECTRICAL ONE-LINE DIAGRAM SCALE: NO SCALE

FAULT CURRENT SCHEDULE													
Date C	NA Section	Notifice.	Line Volume	free	10	the lie		Feeder Information		Contabilities	Great free	See 200 Park Dates	
uen c	Rode Description	Media Type	The Alphibe	Free .	10	the last	Res	Size.	Leight	resemble diss	Careta Type	Open PROD Presid Liamen	
8	Xxel Energy	Litelly	100	151	. 0								
4	Littlifty XSmd	35sy	480	D	- 1	600		1 4000000000000000000000000000000000000		0.14		36,629	
2	MEN	Panel	208	8.	- 2	7	8.	#4009CMIL	. 50	TO/	Mag.	63,302	
3.	LIGHTING DIST BOARD	Panel	206	3	. 3		2	#350WCSME	229	- Cu	Mag.	15,349	
4	POWER DIST BOARD	Faret	200	2	4		1	#SDOKCM/K.	220	CH.	Mag.	11,560	
8.	ECP2	Parel	. 308	2			1.	840	79	Cu	Mag.	9,501	
6.	8091	Panel	208	3			1	840	. 79	Chi	Mag.	8.501	
2	60	Panel	208	3	- 1		1	42	80	CH	Mag.	5,318	
8	- EC	Panel	208	3			1	#1	15	CH	Mag.	12,608	
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Boulder County

BUILDING SERVICES DEPARTMENT ARCHITECT DIVISION

BOULDER, CO 80003 P.O.BOX 471 BOULDER, CO 80306

PHONE 303, 441,305 FAX: 303, 441,1718 BCER Engineering



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BOULDER COUNTY
DOWNTOWN COURTHOUSE
EAST WING REMODEL

PROJECT DOWNTOWN OURTHOUSE EAST WING REMODEL

LOCATION
2025 IATH STREET
BOULDER, COLORADO
80302
BHEET
ELECTRICAL ONE-LINE
DIAGRAM

FILE NAME 18170 - Bush Carly Continue Las Vaphening NOT-107 or

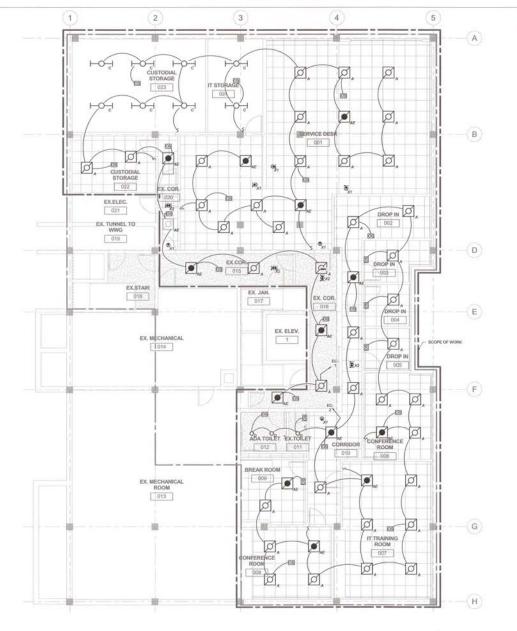
ACCT 320096 DATE: 06/21/0917 DRAWN BY HTB

REVISIONS

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**LIGHTING PLAN - BASEMENT** 

GENERAL NOTE

INDICATE NEW WORK

EACH BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL SHARED NEUTRAL

REFER TO ARCHITECTURAL SECTIONS AND ELEVATIONS FOR MOUNTING HEIGH

CONNECT EXIT SIGNS AND EMERGENCY LIGHTING UNITS TO AREA LIGHTIN

MAINTAIN ELECTRICAL CONTINUITY TO REMAINING DEVICES AND EQUIPMEN

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BUILDING SERVICES DEPARTMENT ARCHITEC

> 2020 13TH ST. BOULDER, CO 80302

P.O.BOX 471 BOULDER, CO 80306 PHONE: 303, 441,3905 FAX: 303, 441,1718

BCER engineering



BOULDER COUNTY
DOWNTOWN COURTHOUSE
EAST WING REMODEL

PROJECT DOWNTOWN SJATTHOUSE EAST WING

LOCATION 2025 14TH STREET BOULDER, COLORADO 80003 SHEET LIGHTING PLAN - BASEMEI

FILE NAME SECTO - Builty Cody Coding Self-Way Served Cody - STC or

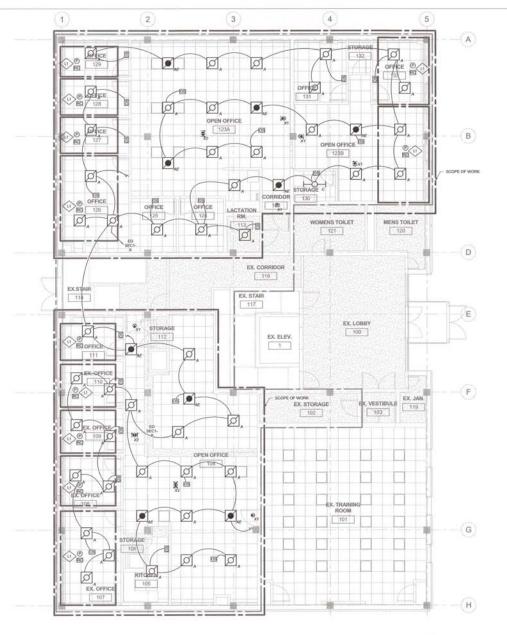
DATE: 06/21/2017 DRAWN BY:HTB CHECKED BY:DRH

REVISIONS

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GENERAL NOTES

**WORK NOTES** 

Boulder County

2020 13TH ST. BOULDER, CO 80302

P.O.BOX 471 BOULDER, CO 80306 PHONE: 303, 441,3905 FAX: 303, 441,1718

**BCER** 



BOULDER COUNTY DOWNTOWN COURTHOUSE EAST WING REMODEL

SHEET LIGHTING PLAN - FIRST FLOOR

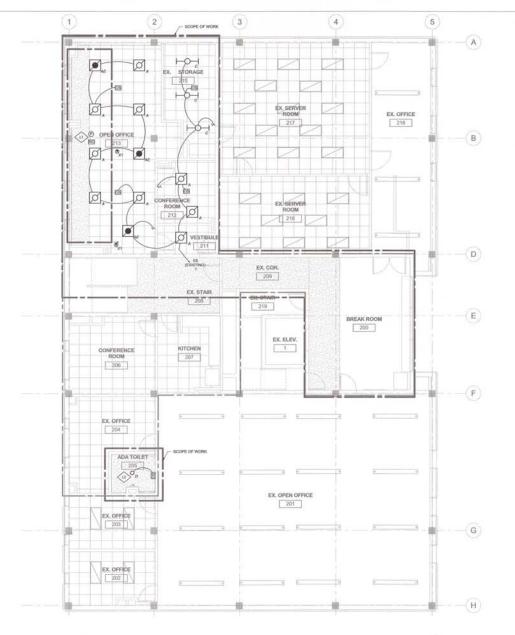
FILE NAME (drift) - Bade Corty Corticos Setting Remain (MP Artico)

ACCT 13006 DATE: 06/21/2017 DRAWN BY HTB CHECKED BY DIGH

E301

LIGHTING PLAN - FIRST FLOOR





ENERAL NOTES

INDICATE NEW WORK.

EACH BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL SHARED NEUTRALS ARE NOT PERMITTED IN MULTIPLE CIRCUIT HOMERUNS.

REFER TO ARCHITECTURAL SECTIONS AND ELEVATIONS FOR MOUNTING HEIGHT

CONNECT EXIT SIGNS AND EMERGENCY LIGHTING UNITS TO AREA LIGHTING

MAINTAIN ELECTRICAL CONTINUITY TO REMAINING DEVICES AND EQUIPMENT

LOCATIONS OF OCCUPANCY SENSORS ARE DIAGRAMMATIC OCCUPANCY SEN SERVING PUBLIC CORRIDORS, STARWAYS, AND RESTROORS TO SE PROGRAM FULL AUTOMATICON. ALL OTHER OCCUPANCY SENSORS SHALL BE PROGRAM MANUAL ONAUTO OFF. OCCUPANCY SENSORS SHALL BE SET WITH A 10 MINUT PUBLIC OFF.

◈

### WORK NOTES

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POWER DOWNLIGHT USING LOCAL LIGHTING CIRCUIT



BUILDING SERVICES DEPARTMENT ARCHITEC

> 2020 13TH ST. BOULDER, CO 80302

P.O.BOX 471 BOULDER, CO B0306 PHONE: 303, 441,3905 FAX: 303, 441,1718

**BCER** *engineering* 



BOULDER COUNTY
DOWNTOWN COURTHOUSE
EAST WING REMODEL

PROJECT DOWNTOWN COURTHOUSE EAST WING

LOCATION
2025 14TH STREET
BOULDER, COLORADO
80002
SHEET
LIGHTING PLAN - SECOND
FLOOR

FEE NAME 19779 - Bude Cody Coding Sat Ving Server, MP - P.C. or

ACC'T 130096 DATE: 06/21/2017 DRAWN BY:HTB

REVISIONS

E302

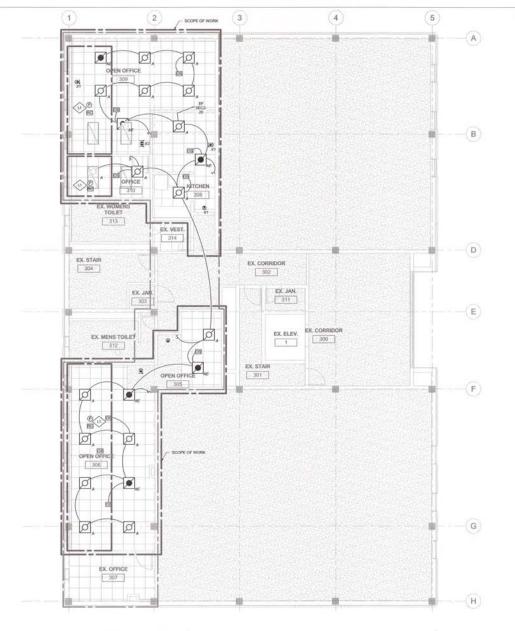
LIGHTING PLAN - SECOND FLOOR



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LIGHTING PLAN - THIRD FLOOR



### **WORK NOTES**



P.O.BOX 471 BOULDER, CO 80306 PHONE: 303, 441,3905 FAX: 303, 441,1718

BCER engineering



BOULDER COUNTY DOWNTOWN COURTHOUSE EAST WING REMODEL

LOCATION
2025 14TH STREET
BOULDER, COLORADO
80302
SHEET
LIGHTING PLAN - THEID
FLOOR

FILE NAME TELEVIS - Busine Court, Countries Seal Wing Servado, MP - Ind year

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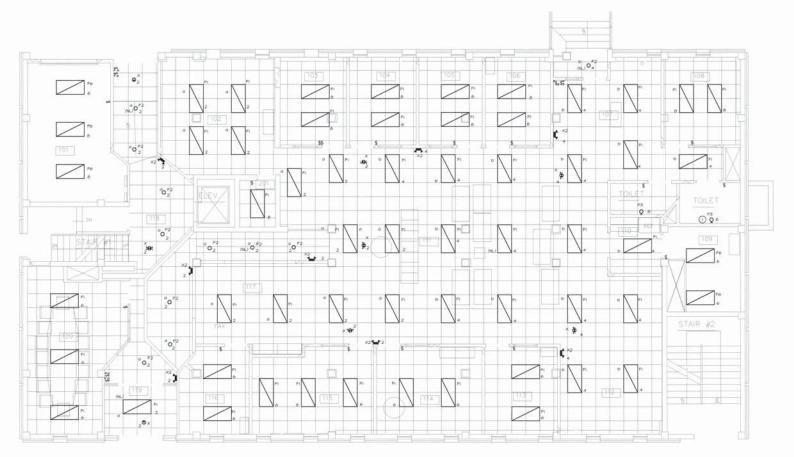
KEY	DESCRIPTION	LAMPS	MATTE	MANUFACTURER & GATALOG NO.	ALTERNATE MANUFACTURER	ALTERNATE MANUFACTURER	VOLTAGE	ARY MOTES	MOUNTING	ABOURN DEPTH
n	2'x4' RECESSED PLIJORESCENT TROPPER HITH PARABOLIS LOWER	(8) 32 H 10	40	L/THORIA #2PH/SH-6-9-92-VILD-(20-19068	HELIAHS NESS-024-3320C-185-120	14ETALUX 12EPRAX-352HS-QQ-L8135-AS-6- 201656H	120		яесезбер	5-1/2"
F2	RECESSED COMPACT FLICRESCENT DOWNLIGHT	(2) 26-74 DTT	60	LITHOMA • AP2/08/017-6AR-20	JN0 4CH6-326G-65CC	FORTFOLIO #C6226-68-62IO	120		RECESSED	5-1/2*
79	PHITE ACRYLIC HALL HOUNTED SCONCE	(2) 30 H T-12	40	LITHOMA MIDDO	55A GULL 46140-66	KICHER ROBET	130		NAPACE	
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Boulder County								
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REVI								

ARCHITECT APPROVED COUNT ADMINISTRATIVE SERVICES DEPARTMENT COUNT ADMINISTRATIVE COCONTY ADMINISTRATIVE REPORTED DAYS AND ADMINISTRATIVE ADMI	PROJECT DESCRIPTION	SOULDER COUNTY COURTHOUSE MEST WING SCHEDULES SOZO 19TH STREET	SOULDER, COLORADO 80302 DATE AUGUST 24, 2000
	ARCHITECT	SION ISION	



KEY NOTES

(146 SHEET ONLY)

(2) NOTALL FUTURE IN PLACE OF REMOVED FUTURE.

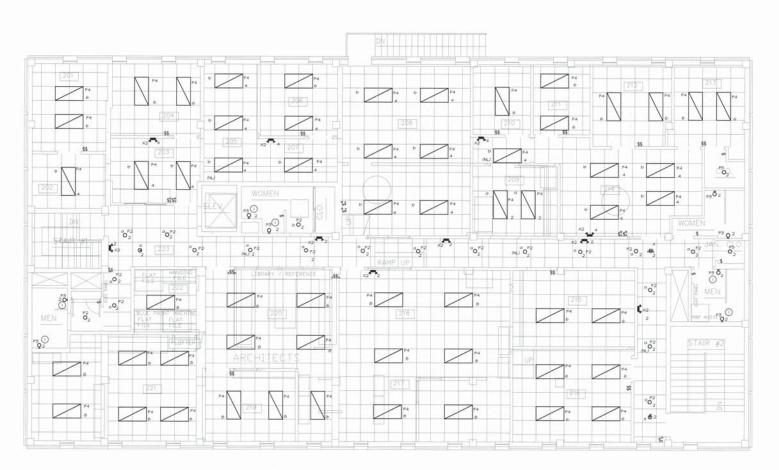
REESE ENGINEERING, INC.

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DESCRIPTION	FIRST FLOOR LIGHTING	AUGUST 29, 2000
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ARCHITECT PROJUCES CONTROLLER CON

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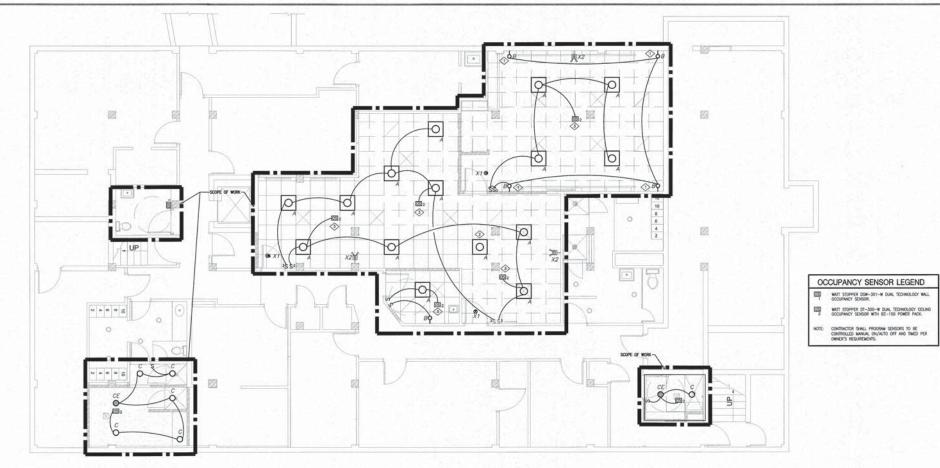


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REESE ENGINEERING, INC.

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REVISIONS		
DESCRIPTION	SECOND FLOOR LIGHTING	O T T CONTRACTOR
PROJECT	BOULDER COUNTY COURTHOUSE MEST MING REMODEL 2020 13TH STREET	BOULDER, COLORADO 80302
ARCHITECT	ADMINISTRATIVE SERVICES DEPARTHENT COUNTY ARCHITECT DIVISION P.D. BOX 471 BOULDER, CO. 80206	PRONE: 303,441,5286
SHEET	F20	





2020 13TH STREET BOULDER, CO 80302 PHONE 303 441 4826





BOULDER COUNTY FITNESS AREA REMODEL



LAMPS		BALLAST	DOMESTICAL STATE OF THE PARTY O	Large.	50.750	MOUNTING		9 579/50/40/51/		TREAS.	
KEY	QTY,	TYPE	ary.	DESCRIPTION	VOLT	FINSH	TYPE	DEPTH	MANUFACTURER	VA.	NOTE
A	1	mp	-	Z'XZ' RECESSED TROFFER	120	WHITE	RECESSED	3-1/2"	MEDALUX: 22SR-LD2-29-C-UNV-L835-CD1-SVPD1	23.4	
В	1	LED	-	PITCH SINGLE WALL SCONCE	120	BLACK	SURFACE		TECH LIGHTING: 700WSPIT 0 8 -LEDB30	10	
c		LED	+	WET LOCATION PATED DOWNLIGHT	120	MATTE WHITE	RECESSED	5-7/8"	METALLIX: LD68300010 EU6830509035 6LBM1LJ	28	-
α	1	LED	-	WET LOCATION PATED DOWNLIGHT W/ BATTERY BACK UP	120	MATTE WHITE	RECESSED	5-7/8"	METALLO: LD68300010EW7 EU6830509035 6LBM1LIE	28	
m	-1	LED	-	DUT LIGHT WITH BATTERY, GREEN LETTERS AND FACEPLATE ARROWS AS REQUIRED	120	WHITE	SURFACE	142	LITHOMAN LIQNES W G 120/277 EL N SD	1.5	
12	1	LED	-	DUAL HEAD EMERGENCY LIGHT	120	WHITE	SURFACE	-	LITHONA: ELM2 LED SD	3	

- ALL WALL SCONCES TO BE CONTROLLED VIA DIMMER.
- LAMP SHALL REMAIN ON 24 HOURS A DAY.
- OCCUPANCY SENSOR SHALL DEENERGIZE LIGHTING IN EVERY ZONE WITHIN THIS ROOM.

COURTHOUSE WEST WING BOULDER COUNTY
LOCATION BOULDER CO. 2020 13TH STREET
BLECTRICAL LIGHTING PLAN
FILE NAME E4 LIGHTING PLAN
19000



AND MAHONEY ARCHITECTE AND ENGINEERS

JAIL COUNTY BOULDER





ENGINEERS

COUNTY

ENGINEERS

ARCHITECTS AND

ENGINEERS

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**ARCHITECTS** 

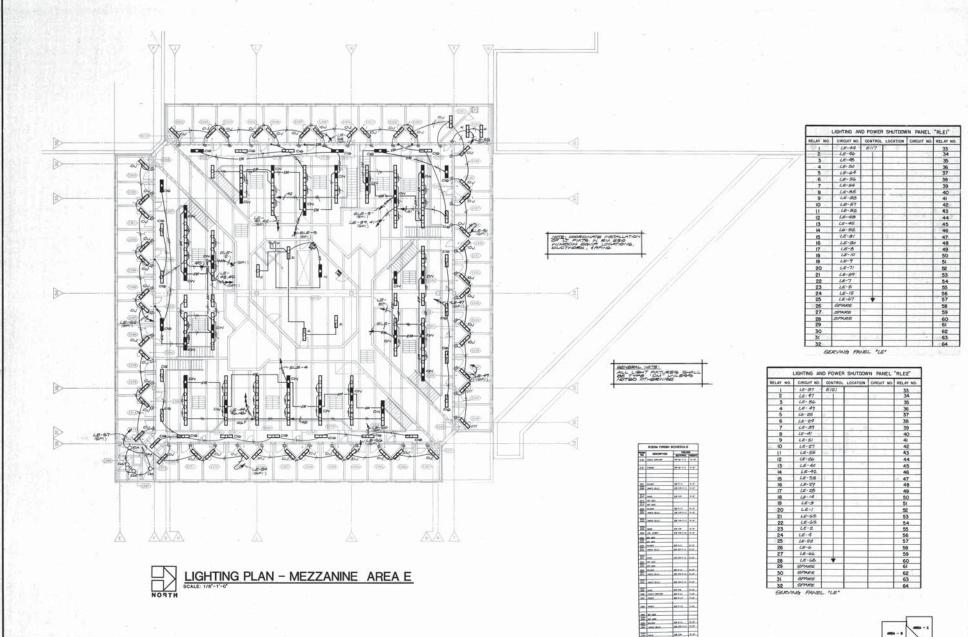
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BOULDER





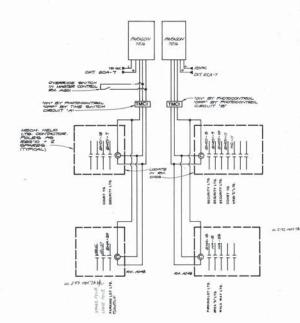


_		FIXTURE	-	LAMP		The second second	1000
MAJOR	MANUFACTURER	CATALOG NUMBER	NO.	TYPE	VOLTS	MOUNTING	NOTES
DA	KIRLIN	9083-61	2	PL=13	120		
00	KIRIN	2904282-21-73 59 MIN	à.	740/De (	222	RECESS COP., 80.	DISTRIBUTE
oc	KIRLIN	1/6* 705 V 9904785-58 69 MIN	4	F40/DH	277	SECURE CAP. SO.	
00	KIRLIN	9904285-58-69-41-MAX	2	F40/DW	277	RECESS PLASTER	EM-SATTERY
DE.	KIRLIN	9904285-58 MAX. 69-47	4	F40/CW	277	RECESS PLASTER	
or	KIRLIN	\$904205-58-73	4	F40/DK	277	RECESS PLASTER	
00	CIRLIN	9903897-MAX 69	2	7.60/DK	120	SURFACE	
рн	KIRLIN	9904528-69	4	FASZON	120	SUPERCE	
03	KIRLIN	9903960-69	3	F40/OV	120	WALL/CETLING CORNER	STATINGESS STEEN
DK.	KIRLIN	9904528-73-69	1	C40/DK	120	SUBSAGE	
OL.	KIRLIN	4674-50-10-25-44-45-6	1	400W/981	217	SURPLACE	WIRE DUMPO
DM.	KIRLIN	9904011-69	1	FAS/OW	120	SURFACE	
ON	KIRLIN.	9904011-69-73	1	F40/OW	120	SURFACE	
			F				
			F	-	-		
OK1	KIRLIN	3040-04-FM-61-58	2	PL-13	272	CETCING	
012	KIRLIN	3040-Ge-wist-61-52-56	2	PL-13	273	WALL MID.	-
DK3	KIRLIN	3040-0#-PM-61-53-38	2	PL-13	277	CELLING	
				727		1865	

FIXTURE SCHEDULE NOTES!

1. 2-LAWP ORDER SECTION, LAWPS AS REGIO.,
LENGTH AS SHOWN ON THE DRAWINGS.

2 PINISH SHALL BE FOI POLISHED BRASS PLATE.



		FIXTURE		SCHED	UL	E	ins" Furnises
MATER	MANUFACTURER	CATALOG MAMBER	NO	L AMP	VOLTS	MOUNTING	NOTES
101	STEPNER	P027893-290 HPS-E-351	4	2504/495	277	35" POLE/BASE	
33.	STERMER	185;25+0-28+3/2+L-2505-	2	250H/HPS	277	35" POLE/BASE	
KK.	STERNER	WG-25-0-28-3-1-2505-35	2	250K/NPS	271	35" POLE/BASE	
LL.	STERNER	WG-25-D-10-2-L-2505-35	E.	250W/HPS	277	35" POLE/BASE	
tec	STERNER	FK-19-0-10-K-1105-L-	1.	150W/NPS	271	16' AT	
Ne	STEPHER CONTYON	FK-25=D=10=F-4005+TFL	1	400W/HPS -	2 77	WALL MTD.	18-0" AFF
pe	BEGA	29865/277	1	50W HPS/17	277	MALL	
00	PRESCOLITE	FTESTA RED 95109-277-	1	TOW HPS/E-23-1/2	277	MOUNT 10 1-1/2*D PSPE	BASE 12"D 36"D
811	HYDREL,	F1E5TA RED 104-41		150W HPS	277	WALL MOUNTED OVER J-BOX MOUNT TO 12*De	18:0" AFF
55	STERNER	AR-42-000-705	1.	10V SPS/	277	HASTO CONC., BASE	42" HIGH FIXTUR
YV	Hyperes.	Acces Milite		ETPHAT I TSW/HIH			Piper Bush

	2 00 10 10 10 10 10 10 10 10 10 10 10 10	FIXTURE		LAMP	DUL		-
MARK	MANUFACTURER	CATALOG NUMBER	NO		VOLTS	MOUNTING	NOTES
Α.	LITHONIA	289458-3040-5-65-277	5	F400/CW	277	PECESS GRID	
8	KIRLIN	9904558-58-63+	2	FL-13	277	RECESS OFFICE	
c	PEERLESS	36-L0620012R5-E58-61	4	£30/CW	277	PENDANT STEM -	UP LIGHT ONLY
D	KIRLIN	1602-31	1	150k/A-19	120	HECESS GYP,	
	PERPLESS	36-1062001285-058-101	2	F10/CW F10/CW	222	PENDANT ALROPART CARLS	MOTE 2
7	KIRLIN	9904721-58-61 45-46-47	2	PL-15	277	RECESS PLASTER	
0	KIRLIN	4654+10+24+46-49+58+66	1	150 OC QUARTZ 150W/HPS/551	271	SHEACE	
н.	LITHONIA	2PM458-3U405-ES-277 EL	,	F40U/DV	271	RECESS ORID	
1	LITHONIA	2053040FWA12 _125 ES	3	FARMEDW		RECESS ORID	
ĸ.	LITHONIA	C8245A-277-E5-HC	2	F40/CW	277	PENDANT CHAIN PENDANT ATRONAFT	
ı.	PERFLESS .	36-10-60223-85 £58-10*	2	F30/CH F40/CH	227	PENDANT ATROPART CABLE	NOTE 2
-	LITHONIA	18:316-rw-x12,129	3	£40/OW	277	RECESS GIP.	
N.	LITHONIA	C8240A-277-E5-EL HC	2	F40/OH	273	PENGANT CHAIN	
P	LITHONIA	2553140FW A12, 129-6561	3	FA0U/OK	277	RECESS CRUB	
0	LITHONIA	C240227E5	2	F40/CW	221	CONF. LTG.	
-	LITHONIA	277-ES-EL F5 340FWA12-125		F40/0w	277	RECESS OVP.	
	- LITE-CONTROL	TRUCKS-24-R3-E5-MA	1	E40/04	211	SECRETATION.	HOW THE LEMESTER
	LITE-CONTROL	1542*-5/xA-OP ES-277		F40/CW	277	RECESS DVP.	*MOTE 1
			i i	FAD/DW	2m	RECESS OVE	-MOTE 1
-	CIRLIN.	2FS-440FWA12,125,ES-27 1637-67	1	150W/R-40		DIX 000 000 100	
_		1637-E7 18240-A-277-E3	2	150M/W-40 F40/OV	120	PENEANT/SURFACE	
× 1	LITHORIA		100	NAME OF TAXABLE PARTY.	-		
X	LITHORIA	CA-240-Re-277-EL-	2	F40/CW	277	MALL	-
4	LITHONIA	255-840-FWA12, 125	A	F40/C4	277	HECESS GROD	
2	LITHONIA	FS-340FWAG-277-ES	3	FEG/OF	277	RECESS DIP. 80%	
44	LITHOUA	\$22265-hex17.125	1	740/CH	277	HECESS ORIO	
80	LITHONIA	2LB440A-277-ES	4	FEG/CW	277	CREACE	
.00	CROUSE-HINDS	V06/150P	1	A1009/A-19	120	SURFACE	
33	ALKO	1146-RSW-E5-120	1	FRS/OW	120	WALL UNDER	
66	KIRLIN	#654+10-24-46-58	1	150W/NDS	277	SURFACE	
60	LITHORIA	\$5-277-E) \$5-440-7wa12,125	1	F60/OK	277	RECESS OFF.	
77	BLLIPTIPAR	/go/- T	1	\$150 DO	190	4280896 -FL46	
uu	HI-TEK	10-1500 GH - 277-1K	1	/800W/0	277	SEDETHALES	Sull Asia
VV.	HYDREL	4501 MH 175 377/4	-	175W/MH	-	DIEST BURIS.	
**	Al Dido		F				
		(9935-277	2	7907 #200	277	CELLING	
XI	NURT WEREIN	ESP350-277-AR-AL	12		277	CEILING	
X7.	AURT YERSEN	72.5	12	#550 7907 #550	227	WALL	
X3	BLET YERSEN	19975-277	1	100			
X4	NOT WHED		12	7407	277	964	WIRE CLIMIC
25.	HIGHT VERSEN	T1P21-277-96	1.6	1226	1414	44	

LIGHTING CONTROL DETAIL



WILDING, N WILL ADDITE ETH FLO.

ENGINEERS

AND

ARCHITECTS

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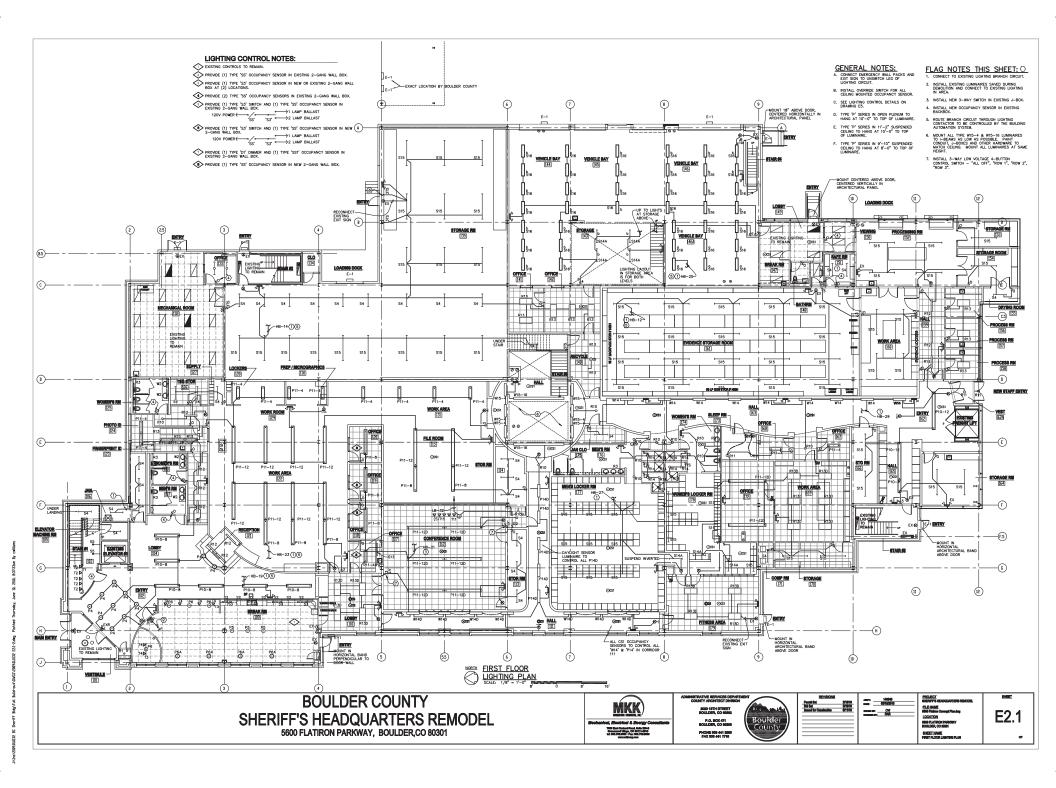
JAIL COUNT

BOULDER

SCHEDULES AND DETAILS

AND

E-23 ROCHER



		_	LU	MINAIRE SCH	_			
TIPE	DESCRIPTION	MEN	GTY	TPE	CUMEN	WATT	MANUFACTIRER	CATALIO NUMBER
rı	Not mounted this state were to propose, were browned and as 8 th above, remined 16" XIP" XIP" XIP" IN 10" I	N	istograf	000% LEO	300	100	Gwen	12101-01743,440-0-007-01-108
P14	Pender mounts 3-10 pede 6-844 final Lorescool Junger. Furryt Latinare premid Lorescool outside matistre. To be used to dust	t	,	Index SISTERILEMACTO	2990	2045	FocalPor	FY2SPS.0TR3C.VLT-0.CRIL8SWH-#
FE-M		t	2	PROPERTY OF THE PROPERTY OF TH	3900	95	FoodFor	F V25F5-278-2C-V4L7-G-C48L8S4VH-#
P14	Jan e ac Type 14 except (144).		6	DESTRUCTION AND	3900	96413	FoosiFoo	FY2SPS-270-2C-MLT-G-CMLESSWHIR
FERA	Serve as Type 1.4 accept ment by 2140 predicts	1	4	Prilips SITETURNATO Prilips	2010	110	foodfor	FV2SPS-ITESCALTS-CHLESWHØ
***	person lane so Type 1 if except piger cloud with plant determination.		. 0	TOTAL RIBINATO	2000	172	Paceifor	V V2SP S DYS-PC + 3 G - C 46 L EXMAN III. PALLINE
FE 42	Senio as Topo 11-4 except 17 long.	- 6	9	EPROLEMANO	2960	94100	FoodFun	FV2SPS-3093C-VET-S-CM-LISSWH-12
P142A	Swapping	ŧ	٠	SZTRTLESSA-TO	2000	185	FoodFor	PV2SPS 278-2C VLT-S-CWL8549H12
P10-8	len e so Type 11-4, 2 len p, windo march 1-4A	N	2	FETS/TURNSALTO	2950	111	FoodFor	FV2SPL-018-1C-VILT-S-C96-WH-F
P16-60	Same on Type 1704, except with 0.45 Year mining belief (Authorice Experience)	N	2	Prifiles EXPTRIFILEDERAÇÃO PRIPIS	2660	70	Foosifier	FYZERLZTBACANITOLOMANA FYZERLZTBACANITOLOMANA
P10-2	Senie au Type/10-4, aucest IV kmg. Senie au Type/10-8, aucest with 0-10-104	N	4		2000	116	Food For	PV2SPL2984CANLTS-CMANNEP PV2SPS-3983C-VLTQ-CMANNEP
FRE	and bill paper	- 11		3216/5L836/6.30	2000	105	foostus	FV2SPL2TS1C-VLT-0-CM-WA-12
P16 120	James on Trigor's Total, except 12' strag.  See a set Tripor's Total, except 48th 6 till Vid.  annin tog belder.  Annin tog bel	-		SITETLEMAZO Pales	2000	100	FoodFor	FV2SPL2TB-IC-VLT-0-CBWH-FZ
	mining halled benderfunnseled 2.70 sends 6.658 linear	-	÷	3218/1488620				
****	Screened turniere, psystoli louier, 10%go 10% down diddudam, program stad ballar	N	2	Migra EZTRALEISALSO	360	**	FoodFor	POWERLOTS IC VILTUS CREWNING
PH-E	Senie as Type 111-4, except with 0-10 Vol. on they before (Authence Expendienne)	N	2	TOTAL ESSALTO	3900	74	foolfor	F V45PL-278-HC VNLT-0-C48496-4
P11-40%	mining below (Advance Communic)  and as Type 11.40, except with disagral adult server  land as Type 11.4, except twee lang.	N	2	7894 3279/5.8354(20	2010	70	feets	PV45PL2TB1CVLT.DC46W64PW11
F11-4A		N	- 3	TOTAL ESSALTO	2600	91	FrontFor	FV45PL-078-HC-VNLT-S-C484VH-#
11.442.5	Senie do Type 111-40%, accept three lens	N	3	71895 227975,858420	2002	102	Feets	FV4SPLOTE-ICVATO-CHEWN-FWYT
P11-8	Same an Type 111-4, except 6' long.	N	4	Philips S216/SLEISALTO	3900	190	funition	F VESPS-218-IC VILT-S-CASHWAR
P1140	Senie an Type (11-40), except (Filling)	N	4	1079/1.6954(20	2002	116	Feeter	FV4SPL2161CVS10:C464WHZ
P11405	Senie as Type 111-405, except of large	N		Philips SCHRITLEMALTO Philips	3900	110.	Feather	F VESPS 275 FC VIST & CASHANDE WYY
P11.47	Serie an Type 111-4, enright 12 long	N	6	STREET, STREET	2002	166	feets	FIRSTS 218 1C VIST IS CREWN 12
11105	Jane so Face 111-405, exist 12 kmg	N		Mige SITE/SEMACIO	2950	100	Federal	P VASPLOTE IC NOT O CHEMP 12 WY
PIE	THE Land Comment V. Till provide 6-bild lander between the land on the provide 1-bild lander sons may be feel (Advanced Mark T). In terms in digital sons may be feel (Advanced Mark T). In terms in digital sons may be feel (Advanced Mark T). In terms in digital sons may be feel (Advanced Mark T). In terms in digital sons may be feel (Advanced Mark T). In terms in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be feel (Advanced Mark T). In the sons in digital sons may be sons may be so	N	,	798as 7375/54895430	2900	28	Firelte	ELEGIFLE IN A TRUCTON COPPLET ACC
ries	Der der Ansocket 1-10 profes Gold Street kommond harrhane, merkel Staken, St. V. Vall solving basket (Advectok Mark 7). 18 myed bijdigt stake. Strijk is mellor hype 1914. Der ein Type 1940, donnell vollt inflagrer bijdigte street.	N	. 1	Prefer 2079/5486430	2950	.28	Firette	
P2	ersor According persons to be re-used to proce set re- leased	t	4	Indea School: 23W	1600	23	thenhare Lighting	ETEMORY AND AND STANDARD OF A
P4.	because persons to be re-used in prace and re- larged	E	1	helps Likelf (28V	1600	23	Manner Lighting	P LM Hotel SHAPE(1) 30) 127 Ch + 227 Chg.L Neglock provided 8E - 60006 STANUE 15 HESHLEP - 6C - 1A-3-37THHOOSEN-177 CO
**	Decorative incomments persons in precessions	ŧ	9	Indige. SLAndf 28W Indige	9600	211	Sharins orbys	PE-ISSESTANCES
**	principle beauty in the sevent is brack and se-	t		Hillian Street CHINE CHINE TO Hillian	-	22	1,81,	HIGHLIP (CC1A3+)THHOMA-T/CO
PSA P2	original Second live parwell to be re-used in primary and re-	£	1	DainC MARCHLOFE 20 Name DainC MARCHLOFE 20 Limit 284 Halps Limit 284	1000	22	LIN.	HI24-OP-SC-1A-3-MFT-T2" ORD
P7	potentive percent to be re-used in prace extre- langed	-	,	Land 2Mr	1000	23	Na rivore Formers G	DOM NCCOLA-VHOR
81	Secured contact & control Street M. on the		1	France Surveyor	2400	31	Liferia	AP ATDEAN VOLT
82	Citionate option letting record C operior compact furnished eliments, proposition that below	·	4	PERTENDE	260	35	Liberia	APPRICIAL VOC
81	Minoches, propins start belast.			P 30 TE RWISE	2000	191	Foosition	PWHALATERCACTES ACCUSS NO
	Accessed liner busyment related. Continues ingline as show on place. Accessed Shet Mind. Accessed liner busyment relineation. From		_	Hillips (3)78/Tuitistal,30 (seen Suhare				100
**	termine with extreme "program stlet" beaut	ŧ	-3	1017/80B	1125	24	FoodPort	FTH ANNUAL TO BE 120 PER LESSEE
**	Senie as Type 14, mining with LUTRON Setted	£	2	Committee Contracts Contra	1126	tt.	Feeter	F TV-12W-2781E-12KG-P BALLESSEW 25P6G-202-ACE-12KG-P BALLESSEW
RIA PRO	Super-296 traffs with acrysto promotic term Promoted compact Ecomescent disversible.	E	3	DOTRITURISACIO	2990	75 36	Lifteres	MF 4134AN VOLT
PHD.			1	FISCIE AVEN FISCIE AVEN	3400	25	Lifterna	AF 4DBAR VOLTOR Z
***	Sen a so Type FTE, except with demonstrated for the sense of the sense	N		OF DO THE MACH	300	26	Literia	DANNA AND GENERAL
207	Secretary Reserved Clif April School Labour.	N	- 1	Tillips	200	29	Aire	LONG 4-1-33-G-449-1-6-1-1
PH3		N	2	PRINTERS AND DISTRICT AND AND PRINTERS AND	2000	11.	Alere	UM.24.2023 (BM.EF
reip.	Increased Supercent 256 direct/halfest harnese.	N	2	THE THE RESERVE TO	2500	n	Atre	LUMDA 2000 BMLED
	Interpret Removed 24th desployment Laviers, pages, clark litted.  Increased Removed 24th desployment harves, 115 vist allowing select Johannes Extendibles.  Removed 12th common well continue relevant light.  20th James answer, volunters, show two control press; of all halfs through selections, control 25th desployment of the selection becames press;  The desployment of the selection of the selection becames press;  The desployment of the selection of the selection becames press;  The desployment of the selection of the selection becames a selection became a selection becames a selection became a selection becames a selection became a sele		- 2	THEFT RESIDENCES				The state of the s
P14	2001. I year enterly, while the place for	N	Heyes	M.D.	960	25		consus.váun
994	pointed by dearder SDC quotien, stegend software balled Larbone author these Resrector's bandwar with confer responded (dikum: Person with embrares languare steff balled)	N	1	Indian control about Louise to Indian	3700	80	Kull Verse	RHOISCEBHOO
11		1	2	Profess 22078/FLESSALTO	2000	38	Lifterna	CB-251+OLTS-06/5
25	or har extracted to expending one harmone, region start bland. he has in warted 30" underported heat high, regions shad belood.	t	1	THE THE TAX TO	2900	20	Fiscal pain	FCVA28-115-HC-VICT-S-CV-HNLE35-F
53	riginal start brief.	t	1	2515 MONTONINATO	280	25	49100	LPC193-0364 08
54	San e so Type (3, rewit) events	N E	1	3218/LESSA.30	2000	28	Alton	LINCTRO-ONNE DE
114	larbox mounted Clamp Represent strategy - 40° larbox mounted Complexescent strategy - 40°	E N	4	SERVINESSAND	360	28	Uttoria	C130 C130
STAR	Service in carted 2 lang Rannount strategy - 40° Service or purchase needs make moving 218	N N	2	DOTHILEMAND PRINTERNATO	2000	11	Lifteres	E132 Maskeostry
11	for his in cartief 2 tump Rusercont stripligt - 40° foliation or province counts and in existing 216 foliation as intended a contribute, to an example according and a contribute, to an example according and a contribute or province or	£	1	HADO SMRCHIMICALUFISE	-	33	Transitie Sorona	SARAPT STAL
516	To face in careful years, faces and analysis on found or purchase neverto makin exciting a reported.  Letter in careful 4 long fluencomb induction.	EN	4	HIBBR DOTHYLKINIALTO	2010	110	Litera	Madeolog
514	Jefun martid Flang functions industry browner - 45° 13° forwing Program Std Jefast Wile Owst	N	4	INDESTRUCTION AND THE	2600	110	testis Basistan	HARDEN PERSENDEN Det
111	heland. When Owell track. Single concel with track. Single concel with track. Single concel with track. Single gander ingitizes light, in the re-woods place.	1		NA.			Littoria Capt	E'rsw
12	out reclamped.	- 6	- 6	OF ARCHUMOHALFIZE	+	60	Liferina	LTC-OMBR-P-ARSIDAH
14	not reclamated.  Inside consult of face on particle to the  Connecting or shape to propose to the buyest, is for an  and or observe and reclamated.  Indian particle and reclamated.	t	1	THE	-	32	LPL	(21984)
111	of the genissing contracts. Agent	N	4	DMRC10PCHUPCHUPUS Helps SP-WC30S/RCHUUFLES Halps	+	40	Cast	CHOSAN WARRISTSPIT CHARLES (WG-1)
86.5	Vide genies rigitesh tight before mounted 30" worky light, personales distance, electrical program, shall bellesh	ŧ	1		2000	13	Litercontrol	PROCSTART
9613	Senie as Type 1/2, mentio edich Settor in curtof decarative corese, fortie numeri	N	- 5	25 Nachritzman, 70	2990	22	Literative	
W1 W13		E N	,	Index (2016)AVEQUALITO (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ (2016)AVEQ	3000	72	Saturda Frateria	MAL HE STEDE THINGS HAVE BLOCG
4.69	After mountal 10° standed light, pertinded Mann, ADA-complient, sections progressible shall be a feet operation with company control and mountain 15° parties in the former superior feet mountain 15° parties in the feet feet and the parties feet progressible shall disperienced from 15° parties and the parties feet and the parties and the parties feet and the parties and the parties of the parties of the parties and the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties parties of the parties of the parties of the parties and the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the parties of the parties of the parties and the parties of the pa	_			-			
1014	broham, parallel lover patronic progres start belad. Style b match. Type 7140	N	1	Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps Helps	7010	26	Freite	STOMERAL VERBUG BY HAD BEE
	Demonsor Type VT4, except vitro 0-10 Volt.	N		1079/1406AJ0	2000	36	Firette	STAMPORTAL SERVICE SAMPLES
WIR	mining send (charge test 7)							
W164	mming teller (Artence Mex 7). Settice in carted 1-79 protes titles these basescort (americ, solid housing, dechoir; progress stell telled.	N	1	Indige SZTB/SLEISAJZO	300	28	Atens	PAPATES VALVOLI MY

780107981C	15-013 mg	1,550		MONO INC.	HCC (I)	30
abel Descripton	Category	Area	Water	LPD	LFO	All
1012Vasituje	Lobby	142	207	0.93	0.0	
102 Subby 103 Star	Compor	205	272	165	0.0	
1040Lobby	Lobby	970	700	0.78	1.16	
105(ElevMarit Roon	ndustrial	46	28	0.60	0.10	
105 Januar closer 107 Mers 108 Morere	Storage Restroom	151	112	874 6717	0.16	
106)Vonere	Restroom	124	714	0.00	0.16	
	Dining	3,137	665	0.965	0.10	
TTOICobby	Corridor	345	406 365	1.94	0.10	
111 Full 112 Contentor Rom 113 Stonge Rom	Conference	1300	400	1.65	1.5	
113 Stonge Room	Storage	160	.84	0.507	0.5	
	Storage	164	84	0.66	0.10	
	Office	810	550	0.05	. 1.1	
117(060)	Office	118	110	0.000	1.1	
110 Office 110 Office 110 Office 120 Office 121 Reception	Office	110	110	0.09	1.1	
120)Office	Office	117	110	0.664	7.1	
121 Reoption	Office		84	1.140	1.1	
1227Von Area	Office	2.226	1850 1850	0.741	1.1	
CORPASS CORPASS 125 Waterine 126 TSG Store 127 Storige 128 Collecti	Office	143	110	1,716	1.1	
1250Vicnere	Restroom	125	130	1.042	0.16	
126 TSG Store	Storage	9.4	.56	0.597	0.11	
127[Storige	Storage	50	26	0.95	0.0	
1200 Joseph 1200 Alba Anna	Office	127	110	0.68	0.0	
COOPear Mices	Office	167	56	0.95	11	
131 Vols Area 135 Storge Room 137 Hall Ribunda	Office	663	230	0.30	9.15	
1350Storage Floore	Storage	4,751	2232	0.47	0 H 0 H	
137)Hall Ribunda 140(Recycle	Office	300	110	0	0.16	
	Office	101	1100	0.62	11	
147 office 147 office 144 office Bay	Officer	250	1656	0.06	11	
14009tonge	Storage	621	0	0	0.H	
144 Vehicle Bay 162 Vehicle Bay 163 Vehicle Bay 153 Processing Room 153 Straige Room 154 Straige Room 154 Drooms Room	Other	966	01	- 0	0.1	
145/Vehicle Bay	Other	1 500	9	- 9	01	
150 Processint Book	Mine.	683	ARC	0.40	1.1	
1530Stonge Ploon	forage	155	1100	0.08	0 H 0 H	
154 Stonge Room		254	110		0.11	
155/Dryag Room	Office Office	40	28	0.585	1.1	
157 Process Room	Mor	103	- 23	0.536	1.1	
	Office	100	- 8	0.518	2.1	
	Comdor	212	Dat.	0.302	0.6	
16CPYDORES ROOM	Mice	611	860	072	0.1	
1013 year	in Storage Littly	2.800	190	050	3.9	
NOTHER .	Comdor	1.108	600	0.942	0.6	
16403toage Room	Storage	301	2200	0.717	0 H 0 H 0 H	
NSSHM.	Comdor	292	100	0.752	0.16	
1960Stonge Room	Office	202 100	220	055	111	
1007 960	Office	100	- 27	0.02	- 11	
1660Aon Ama	Office	609	(12)	1.005	11	
170/stonge Room	Storage	196	200	1.00	0.6	
195 Process Room 195 Exhance Strange Floor 195 Author Strange Floor 195 Author Strange Floor 195 Author 195 Au	Office	40	400	0.95	11	
17 Tillians Books	Office	422 101	- 50	0.95	- 1	
174)Vicinera	Restroces	236	270	3.72	11	
1750-set 1750-set 1750-set 1771 Mars Locker Foots 1750-serves Locker Boots	Corindor	18	28	(0.346)	0.14	
1700Mars	Prestroom	363	400	107	0.16	
177 Mars Locker Foom	Exercise	1,518	900	1.000	0.16	
17/10F-thess Area	Exercise Exercise	527	501	0.91	0.6	
17th Villners Locker Floor 17th Fitness Alea 1901 Trackers Hall	Comdor	62	91	0.961	81	
191 Linecouri Closel	Storage	24	25	1.05	0.6	

Lines	Description	Category	Area	With	UD.	HECC CII	HECKOS
<b>Lorent</b>	The second second	Canada	970.80	200	15/03/2	LHG 01	Altred
	2013-tell 2023/Continence Rosm	Corference Room	302.31	174	0.212	1.3	873.6 303.1 175.1
	20090000	Office Office	150.10	116	0.729	1.1	175.1
	203 Office 204 Office 205 Office	Office	190 60	141	0.871	1.1	137.8
		Office	171.24 236.36	143	0.858		198.4 260.0 158.7
	20130869	IO5ce	236.30 144.21	116		1.1	260.0
	206 Office 200 Office 210 Office	Office	144.23	116	0.562 0.624	1.1	158.7 204.4
	21010ff(r)	Office	218.46	210		1.1	240.1
	210 Office 211 Contention Room 212 Office 213 Office	Continuence Room	739.50	454	0.621 1.111 0.615	1.3	961.5
	21290Mor	Ofice Ofice	415.4 196.74	506	3,111	1.1	501 0 207 6
	213)Office 214)Office 215)Office	Ofice	161.33	116	0.615	11	177.6
	21510Mor	Office		116	0.719 0.541 0.781 0.748 0.879	1.1	235.0 160.5
	210 Celor 210 Celor 211 Contrarco Rom 210 Celor	Choe	140.61	110	6.781	1.1	163.5
	217 Contrance Poors	Cordennos Flooro	380 Tr 125.50	210	0.748	- 13	365.0
	210 06ce 210 06ce 221 06ce 221 06ce 221 06ce	Ofice	125.53	110	0.876	1.1	138.1
	219(200)	Office	136	110	0.606	1.1	130.0
	22110thor		125.4° 122.5° 101.10	116		11	134.6
	22250#or	Office	101.10	116	0.72 0.940 0.940	1.1	177.5
	223000 223000 224000	Choe	120.25	116	0.941	1.1	135.6
	2240080	Office	123.11	110	0.940	11	135.5
	24060 26060 20060	Office	110.01	110	0.546	11	127.6
	227 Storage	Storage		- 100	0 (set) 0 741 1 076 0 731 0 878	9.0	40.9
	Totange Vivos Area Vivos Area Villa organia Villa organia		2194 125.23 124.84	1613	0.737	1.1	2,409.0
	2299C#60	Choe	125.23	110	0.87%	1.1	
	23050Mor	Otio	124.86	110	0.662	11	137.1
	2313 Computer	Cfice Storage	294.67	185	196	0.8	324 t
-	223/2 ontentos filoso	Cortierence Floors	474.47	890	1.665	1.5	635.8
	234)Office	Office	170.64	165	0.966	1.1	616.8 187.6 84.4
	2050060	Chor	76.75	66	0.717		54.4
	2000mor	Office	(A)	16	0.556	1.1	108.6 1,077.1 507.2 129.2 140.6
	237 Won Area 238 Won Area 239 Otios	Office	979 19 461.05	660 330	0.674	1.1	1,077.1
-	220(190), Area	Choe	117.40	110	0.998	- 11	130.2
-	24010ff(r)	Office	128.02	110	0.850	1.1	140.5
	3419Office	Office	128.84	110	0.854	1.1	141.7 135.0 102.3
	2429-bit 243906ce	Cando	150.97	.66	0.45	0.6	1350
		Office	574.81 173.41	110	0.629	1.1	110.3 130.7
-	246/Men 245/Mensionen	Restroom. Drang	177.40	130	0.637	0.6 0.9 0.9	150.7
	2407-sat	Condo	515.63	600	1.164	0.9	454.1
	24T/Wonen	Hestroom	240.54	200	0.67	0.6 0.6	236.3 29.2
	245 Jantor	Rorage	36.52	26	0.767	0.8	29.2
_	244 Men 245 Besevoorn 245 Pesevoorn 245 Beston 247 Johns 250 Storige 251 Weinfoorn 253 Wein Area 253 Wein Area 254 Jahobs Close 253 Wein Area 254 Jahobs Close	Range	29.51	26	0.949	9.0	23.6
	250/pronge	Storage	77.26 275.84	140	0.600	0.6	
	2520 Vice Area	Office	525.33	330	0.628	1.1	577.9
	253 Won Area	Office	565.49	330	0.584	11	622.0
	254 Janton Close	Storage	130.59		0.788	0.8	
	25 Won Area 25 Won Area 25 Strage 25 Strage 25 Office 25 Office 25 Cartenina Ross	Ofice	1061	400	0.458	0.6 1.1	1.120.1
	200jotorige	Otorage	429.25 118.91	110		0.0	343.4
	2550060r	Office	110.91	110	0.925	1.1	343.4 130.6 130.6
	2500 Vitin Area	Office	2456	1595	0.905	1.1	2,704.9
	260 Continuos Rom 261 Hall	Conference Poom	628.27	420			
		Consta	382.01 118.79	140	0.366	0.9	343.8 130.6
	2010400 20010800 20010800 20410800 2001000 Area	Citice Office	110.79	110	0.926	11	130.6
	264128ce	Office	48574	110	0.739	1.1	100.4
	2050 Vicin Area	Office	1700	990	0.58	1.1	168.4 1,676.6
	200 Bathoon	Hestroom	41.12	23 56	0,550	0.9	
	207 Storage Foom	Divinge Office	967.21	56	0.366 0.026 0.926 0.718 0.56 0.556 0.556	0.8	153.6
	and the same	Office	96.10	55	0.572	1.1	105.8
	200 Office 200 Office 200 January Telefloom 2013 Place Condor	Office	96 to 15.74	- 20	0.572		105 8 17.5
	2912 Aresown Condor	Condo	29.31 78.37	- 9		0.9	26.4 54.5
	202 Otheretta		76.37	40	0.567 0.664 0.143	1.2	94.0
	28128tar 1 - 2nd 8	Contack	216.67	216	0.994		196.2
	251 Start - 2nd # 262 Star 265 Star	Ofice	160.96 368.71	- 3	0.143	0.6	221.3
_		1,000	368.71	16 145.0	0.597	0.6	221.3

	Boulder County SI CONTROL S		
TYPE	DESCRIPTION	MANUFACTURER	CATALOGNUMBER
DI	Wall box lounted 0-10V diminer	Wat Stopper	DCLV1
DE	Wall box rounted incandescent dinimer	AN	Decora Styre incandescent dimmer
CS	Cestinghubice mounted studified has cupancy sensor, use with Type PP Power Pasi.	Wat Stopper	DT-305
CS1	Cellinghutace mounted utraconic occupancy sensor, for hallway coverage, se with single or individual Type RP Prawer Pack(s)	Wat Stapper	DT-305
53	Wall box touried 3-way switch	AW	Decors Style 3-way swtch
55	Wall box nounted dus tech self-adjusting occupancy sensor for manual on operative.	Widt Stopper	DNV-100
551	Wat box touried law votage dual tech self-adjusting occupancy sensor for manualon operation for use with Type PP power pack.	Wort Stopper	WT-255
ws	Wall mouried stall technologie occupancy sensor for use with Type PP power paci.	With Stopper	D1-388
PP	Low votag gover page.	Witt Stigger	82.60

			LUMINAIRE SCHEDULE				
TYPE LAMPS DESCRIPTION INPUT LOAD VOLT MOUNTING MANUFACTURER, CAT							MANUFACTURER, CAT. NUMBER
8	1	INCLUDED	EMERGENCY LED EXIT SIGN WITH NICKEL CADIUM BATTERY AND SELF-DIAGNOSTICS WITH GREEN LETTERING. NUMBER OF FACES AS SHOWN ON PLAN		MVOLT	SURFACE	UTHONIA #LQM-S-W-3-G-120/277-ELNSD-
₽	1	INCLUDED	EMERGENCY EGRESS LIGHTING UNIT, WALL MOUNTED WOTJ SELF DIAGNOSTICS.	10VA	MVOLT	SURFACE	LITHONIA #ELM2

# BOULDER COUNTY SHERIFF'S HEADQUARTERS REMODEL 5600 FLATIRON PARKWAY, BOULDER, CO 80301

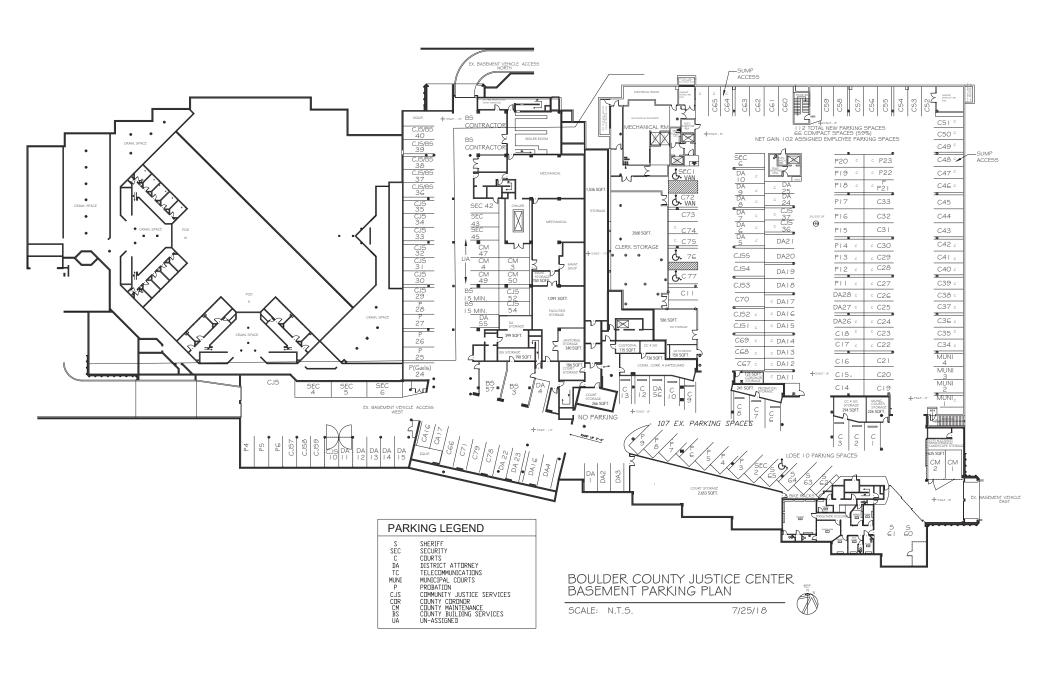


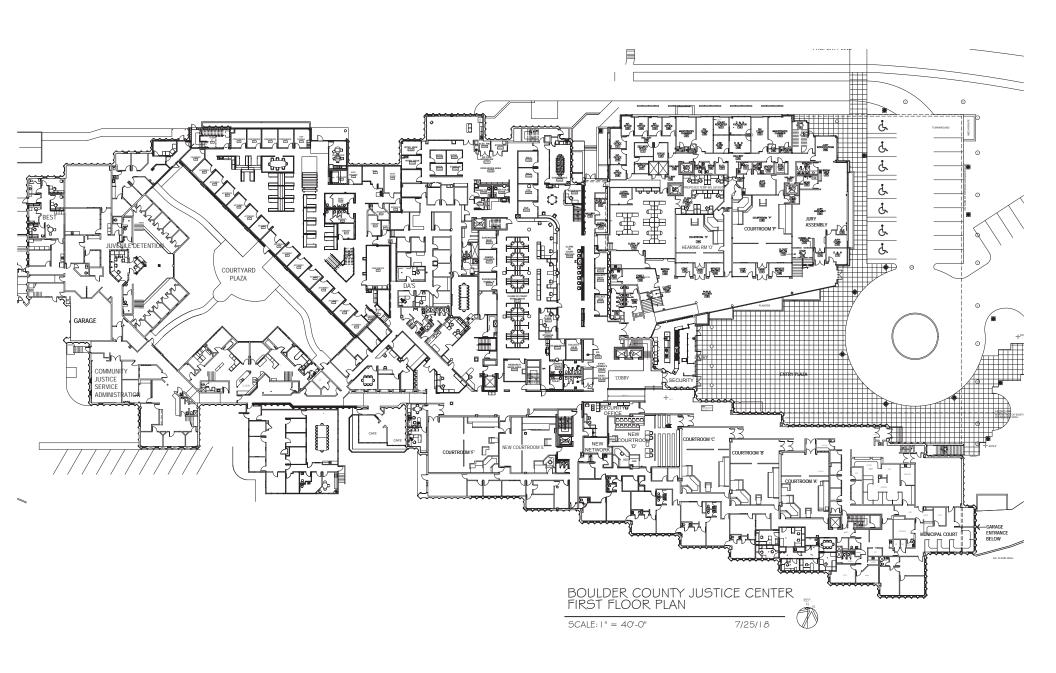


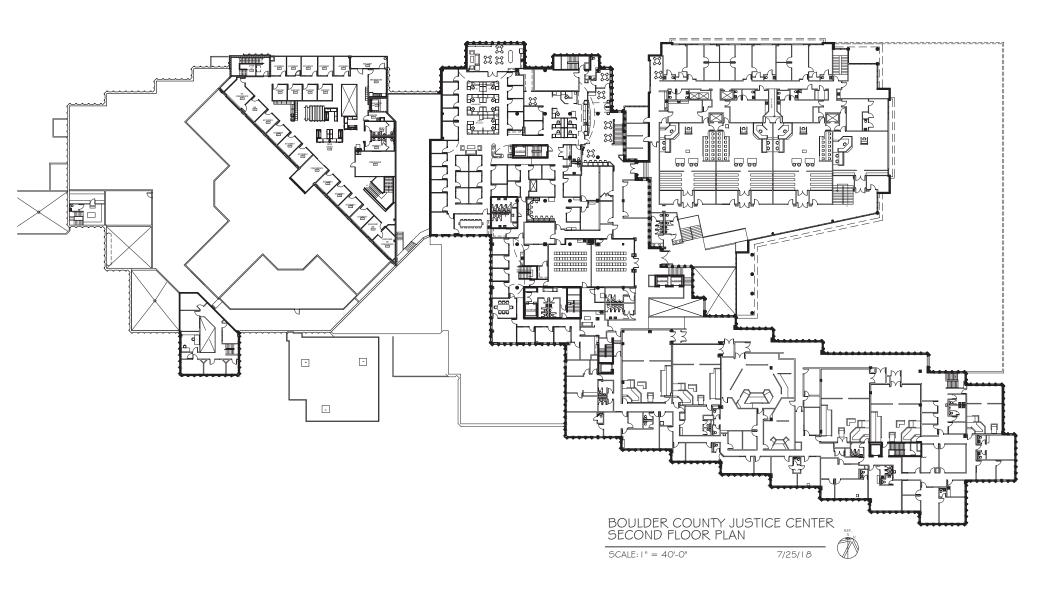


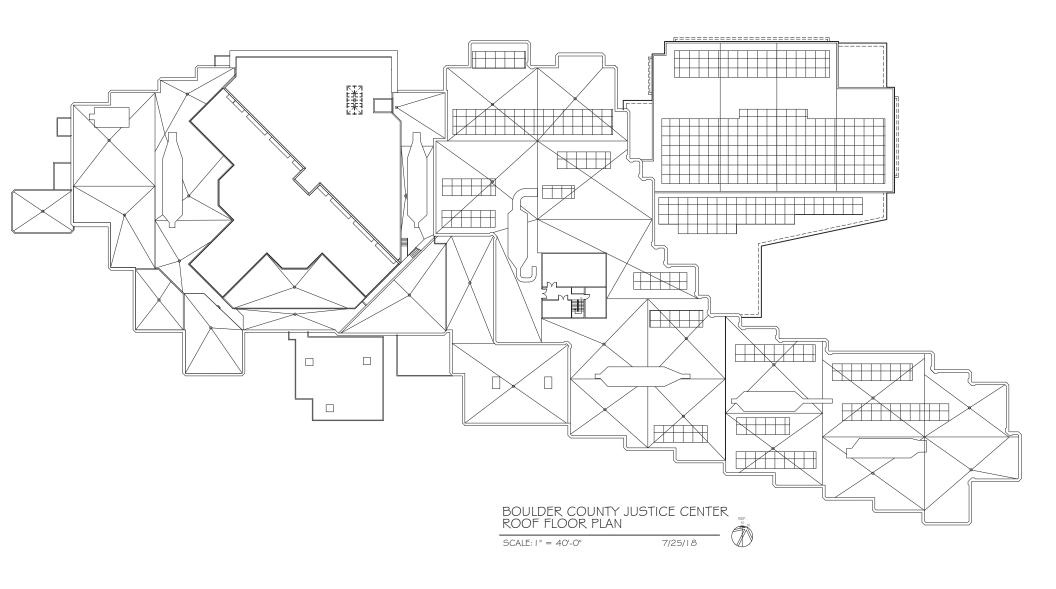


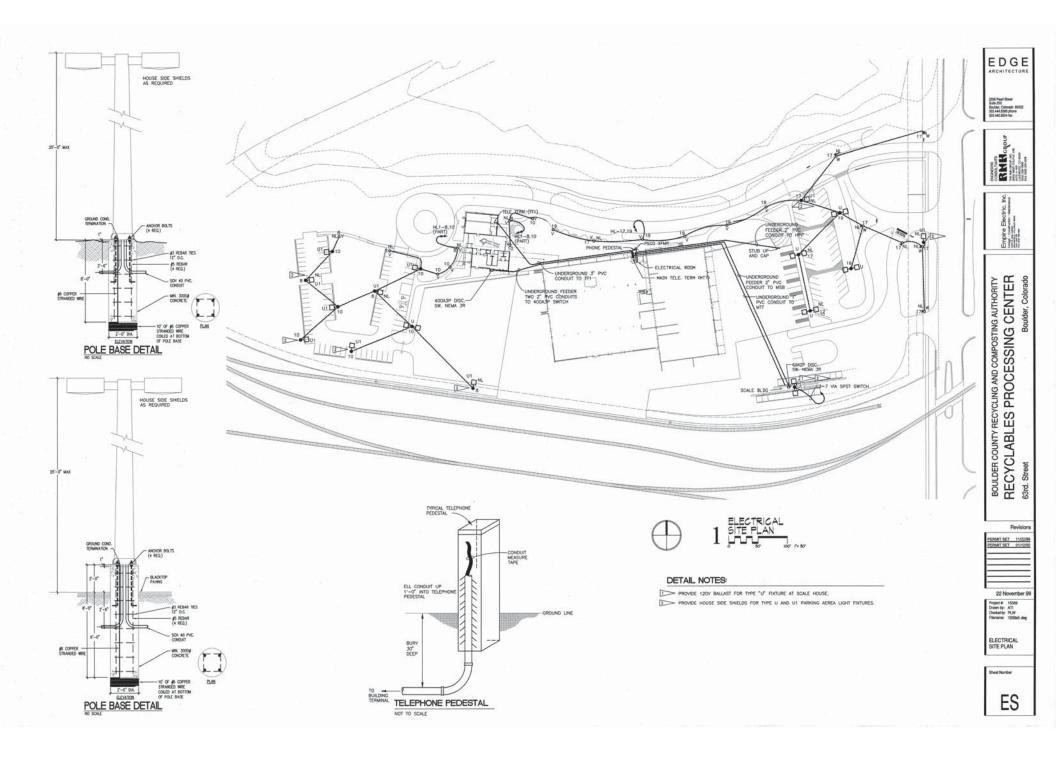
PROJECT
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PLE MANE
DISPASSE DESCRIPTION DESCRIPTION
DISPASSE CONSULTATION











		ELECTRICA	AL LI	EGEND				ONE-LINE C	ONT	ROLS LEG	GEND
ABBR.	\$1MB0L	DESCRIPTION	ABBR.	SYMBOL.	DESCRIPTION	ABBR.	SWEOL	DESCRIPTION	ABBR.	SYMBOL.	DESCRIPTION
-	tet		PB	-	PULL BOX	-		86,852.08	ST	6	SUNT TRP
	(O)	EXT LIGHT (WITH DIRECTION ARROWS INDICATED) PORCELAIN KEYLESS LAMP HOLDER	199	Φ 0	SINGLE GROUNDED RECEPTIAGLE			POENTOMETER	-	ď	HORN
	ю	WALL MOUNTED INCANDESCENT OR HALD, LIGHT FIXTURE	RECEPT	φ	DUPLEX ORDUNDED RECEPTAGLE		4	DID RESISTOR	w	8	VOLTMETER
	0	BECESSED INCANDESCONT OR HUD. LIGHT FORDIRE		9	DEDICATED DUPLEX GROUNDED RECEPTACLE		1	CAPACITOR	M	0	AMETER
	103	SURFACE INCANDESCENT OR HUD. LIGHT FIXTURE		© on	DUPLEX RECEPTAGLE W/ORDUND FAULT INTERRUPTER		<	THEPINOCOUPLE	vs	<b>5</b> 3	VOLTMETER SMITCH
	• 4	RECESSED WALL WASHER INCANDESCENT OR HILD, LIGHT FIXTURE			DUPLEX GROUNDED RECEPTACLE, TOP HALF SWITCHED	000, 000	1	EQUIPMENT GROUND	AS.	E3	AMMETER SWITCH
	<b>DB</b>	SURFACE WALL WASHER INCANDESCENT OR HUD. LIGHT FIXTURE		•	FOURPLEX GROUNDED RECEPTACLE	555000	₹	SONAL OROUND			ONFACE PLATE
	2.5		1 1		RANGE OUTLET		Y	EARTH GROUND			ORFACE PLATE IN A PROCESS LINE
	5	RECESSED 2' X 4" PLUORESCENT LIGHT FIXTURE (CAPITAL LETTERS ROCCATE FIXTURE TYPE. SWALL LETTERS INDICATE SMITCHING.)		10,20	SPECIAL-PURPOSE OUTLET, MANBER INDICATES AMPERAGE, PROVIDE NEMA CONFIGURATION RECEPTACLE TO MATCH PLUG ON EQUIPMENT.	NO	-ii-	NORMALLY OPEN CONTACT	WS	F8	MOTOR STARTER
					NEMA CONFIGURATION RECEPTACLE TO MATCH PLUG ON EQUIPMENT.	NC	-14-	NORMALLY CLOSED CONTACT		-(F)	PROCESS PUMP OR FAN
	10	SUBFACE 2' X 4" FLUGRESCENT LIGHT FIXTURE (CAPITAL LETTERS INDICATE FIXTURE TYPE, SMALL LETTERS INDICATE SMITCHING.)			WRE MOLD	100	~~~	COL, SOLENOO		×	VALVE
	<b>1</b>	RECESSED 2" X 2" FLUORESCENT LIGHT FIXTURE (CAPITAL LETTERS MOCATE FIXTURE TYPE, SMALL LETTERS NOCATE SMITCHING.)	1 1	0	FIRE RATED POKE-THRU FOR CONNECTION TO PORTABLE PARTITION POWER AND TELEPHONE/DATA WHERE NOICATED		000	THERMAL ELEMENT, OVERLOAD RELAY		1	CHECK WALVE
	100			<b>2</b>	FLOOR WOUNTED DUPLEX RECEPTAGLE	SW		SMICH		124	HAND VALVE
- 1	10	SURFACE 2" X 2" FLUORESCENT LIGHT FIXTURE (CAPITAL LETTERS INDICATE FIXTURE TYPE, SMALL LETTERS INDICATE SWITCHING.)		88	FLOOR MOUNTED FOURPLEX RECEPTACLE			PUSHBUTTON, MOMENTARY CONTACT (NORMALLY OPEN)		88	PREUMATIC VALVE
	:	RECESSED 1' X 4' FLUGRESCENT LIGHT FORTURE (CAPITAL LETTERS INDICATE SWITCHING.)		00	FIRE-RATED POKE-THRU WITH SERVICES INDICATED		ملم	PUS-BUTTON, MOMENTARY CONTACT (NORMALLY CLOSED)			PRESSURE REDUCING VALVE
				a a	TELE/POWER POLE WITH SERVICES INDICATED		و او	TWO GROUT PUSHBUTTON, MOMENTARY CONTACT		盏	CHARACTERIZED VALVE
	\$COD	SURFACE 1" X 4" FLUORESCENT LIGHT FIXTURE (CAPITAL LETTERS INDICATE FIXTURE TYPE, SMALL LETTERS INDICATE SWITCHING.)	DISC SW	ים	DISCONNECT SWITCH		1	MATERIAL PROPERTY WAS A STATE OF THE STATE O		XW	ELECTRICALLY OPERATED VALVE
	нон	BARE-LAMP FLUORESCENT STRIP LIGHT		Ων	PUSED DISCONNECT SMITCH			MULTI-POLE PUSHBUTTON, MOMENTARY CONTACT	SV	XIS	SOLEHOD VALVE
	, <del>v</del> v,	TRACK LIGHT		88	MAGNETIC CONTROLLER		.).	TRANSFER SMITCH, 2 POSITION			BUTTERFLY VALVE
		SHADNO INDICATES TWO LAMPS ON EMERGENCY ORGUIT		8,	COMBINATION MOTOR STARTER		• ] •	TRANSFER SMITCH, 3 POSITION		"公.公	TWO-WAY VALVE, FAIL OPEN
	<b></b>	SHADNO INDICATES FIXTURE ON EMPROENCY CIRCUIT	WD	CVIII	VARIABLE FREQUENCY DRIVE	LTS	2.	LIMIT SWITCH, NORMALLY OPEN		XoXoXoXoXo XoXoXoXo	TWO-WAY VALVE, FAR. CLOSED
	-	BATTERY PACK LIGHT PIXTURE	JB.	0	JUNCTION BOX, MOUNTED IN CEILING SPACE		000	LIMIT SWITCH, NORWALLY OPEN - HELD CLOSED		2 3	ANY VALVE, FAIL LODIED
	D+0	BATTERY PACK LIGHT PIXTURE POLE MOUNTED LIGHT FIXTURE		ю	JUNCTION BOX, WALL MOUNTED		o≪1.a	LIMIT SWITCH, NORWALLY CLOSED		"A. &	ANY VALVE, FAIL INDETERMINATE
		POLE MOUNTED LIGHT FIXTURE PHOTO-CELL.			JUNCTION BOX, FLUSH FLOOR MOUNTED	1	· 10	LIMIT SWITCH, NORMALLY CLOSED - HELD OPEN		1	DIGITAL
SW	0 2	SNOLE-POLE SMITCH		•	MOTOR	FS	બુનોને.	FLOW ACTUATED SWITCH, CLOSES ON INCREASE IN FLOW		•	TRAP
2M	S,	SMALL LETTER INDICATES FIXTURES CONTROLLED	PNL	<b>=</b>	ELECTRICAL PANELBOARD		° L°	FLOW ACTUATED SWITCH, OPENS ON INCREASE IN FLOW	CON	0	ROTARY MOTOR
	S	GANGED SWITCHES GANGED SWITCHES GANGELED	XFMR		TRANSFORMER	LS	8	LIQUID LEVEL ACTUATED SWITCH, CLOSES ON RISING LEVEL		0	GENERATOR
	2.000	DOUBLE-POLE SWITCH	SMED		SWITCHBOARD, POWER CONTROL CENTER		°5°	LIQUID LEVEL ACTUATED SWITCH, OPENS ON RISING LEVEL			TURRINE
	S <sub>2</sub>	THREE-WAY SMITCH		<b>3</b>	METER	PS	000	PRESSURE OR VACUUM ACTUATED SWITCH, CLOSES ON RISING PRESSURE			VENTURE TUBE
	S <sub>3</sub>	FOUR-WAY SWITCH		•	PUSH BUTTON		\$ 50°	PRESSURE OR VACUUM ACTUATED SWITCH OPENS ON RISING PRESSURE			FLOW NOZZLE
	S4 C	KEY-OPERATED SMITCH	EPO	1回 1990	EMERGENCY POWER OFF		* <u>\$</u> *	DEFERENTIAL PRESSURE ACTUATED SWITCH			- ARROW USED TO SHOW FLOW OR DIRECTION
	S <sub>K</sub>	SWITCH WITH PILOT LIGHT		旭	ABORT BUTTON	TS	200	TEMPERATURE ACTUATED SWITCH, CLOSES ON RISING TEMPERATURE		0	LUBRICATOR
	Sp.	LOW VOLTAGE SWITCH		⊞:	COMBINATION FRE ALARM HORN/STROBE LIGHT		0.50	TEMPERATURE ACTUATED SWITCH, OPENS ON RISING TEMPERATURE		Ū	FILTER
	S <sub>LV</sub> Ŝ	DIMICR SWITCH		8	DELUCE VALVE		7.	OPEN SWITCH WITH TIME DELAY CLOSING FEATURE			UNION
	S <sub>V</sub>	VARIABLE SPEED SWITCH		Œ⊳	BELL		· To	CLOSED SMITCH WITH TIME DELAY OPENING FEATURE			CAP
		EIPLOSON PROOF SWITCH		0	OME		T.	OPEN SWITCH WITH TIME DELAY OPENING FEATURE			PPE ANDIOR
	S <sub>20</sub> S <sub>TD</sub>	SWITCH WITH THERMAL OVERLOAD	MH	•	MANHOLE		7.	CLOSED SWITCH WITH TIME DELAY CLOSING FEATURE			PIPE SUPPORT
	200	COMBINATION SMITCH AND RECOPTAGLE		ю	LINE VOLTAGE THERMOSTAT		2.	FOOT ACTUATED SMITCH CLOSES BY FOOT PRESSURE		-=-	PIPE QUOE OR SUPPORT
	-	MAGNETIC DOOR HOLDER CONNECTION		0	MANUAL PULL STATION, +4'-6" A.F.F.		مت	FOOT ACTUATED SMITCH OPENS BY FOOT PRESSURE			BALANCE COOK
		CARDREADER		⊞4	FIRE ALARM HORN, +7"-6" A.F.F., UNLESS OTHERWISE NOTED		eTe	MUSHROOM HEAD 2 CIRCUIT PUSHBUTTON SWITCH			FLEXIBLE HOSE
		SECURITY CAMERA		× ×	FIRE ALARM STROBE LIGHT		•	TERMINAL POINT NUMBER	1	100	-we
e l		CONDUIT, CONCEALED IN WALLS OR CEILING		0	SMOKE DETECTOR		•	CONNECTION POINT		728	TEMNAL BOARD
		CONDUIT, CONCEALED IN FLOOR (OR UNDERGROUND)		0	REMOTE INDICATING LIGHT	XFMR	**	TRANSFORMER (VOLT_PHASE & SIZE AS INDICATED)		1	TERMINAL POINT NUMBER
		COMPUT. EXPOSED		0	IONZATION TYPE SMOKE DETECTOR	XFMR	-	TRANSFORMER W/ WAGNETIC CORE (VOLT_PHASE & SIZE AS INDICATED)			940.0
		BRANCH CROSET HOWERING TO PANEL BOARD WILLDED OF ADDRESS		on,	DUCT DETECTOR, SMOKE	PT	20	POTENTIAL TRANSFORMER (VOLT, PHASE & SZE AS INDICATED)		0	PANEL TERMINATION POINT
	A-1,3	BRANCH CIRCUIT HOMERUN TO PANELBOARD, NUMBER OF ARROWS NOTICETE NUMBER OF CIRCUITS, DESIGNATION INDICATES PANEL & CIRCUIT NUMBERS		0	THERMAL DETECTOR	CT		CURRENT TRANSFORMER (VOLT_PHASE & SIZE AS INDICATED)		Ø	PILOT LIGHT, LIGHT ANNUNCIATOR (* LETTER DENOTES COLOR)
		COMDUT STUB-UP			SPRINGER ALARM FLOW SWITCH		Δ	DELTA CONNECTION			CURRENT TO PNEUMATIC CONVERTER
		CONDUIT STUB-DOWN		13	TAMPER SWITCH		Y	WIE CONNECTION			PNEUMATIC TO CURRENT CONVERTER
		CONDUIT SEAL OFF			FIRE ALARM ANNUNCATOR PANEL		K	GROUNDED WIS CONNECTION			CURRENT TO VOLTAGE CONVENTER
		STAKED AND CAPPED CONDUIT		E323	FIRE ALARM CONTROL PANEL		Y-2	GROUNDED WIE CONNECTION W/GROUNDED NEUTRAL		60.0	SINGLE LINE INDICATES PRIMARY LOCATION, PANEL MOUNTED
		CONDUIT OR CABLE ROUTED UNDERGROUND		0	SPEAKER		Yz	GROUNDED WIE CONNECTION W/RESISTOR GROUND			NO LINE INDICATES FIELD MOUNTED
	OH	OVERHEAD LINE		♦	FIRE FIGHTERS TELEPHONE JACK		Y	GROUNDED WIE CONNECTION W/REACTOR GROUND		/	DOUBLE LINE INDICATES AUXILIARY LOCATION, PANEL TYPE-FIELD MOUNTED
		TLEPHONE TERMINAL		. ♦	COMBINATION MANUAL PULL STATION/FIRE FIGHTERS	1		PUSE			(DASHED LINE INDICATES INACCESSIBLE OR BEHIND-THE-PANEL
TELE		WALL MOUNTED TELEPHONE OUTLET		0	UNDERFLOOR MOUNTED KINIZATION TYPE SMOKE DETECTOR	1	$\sim$	rust		0	DISCRETE INSTRUMENTS
nut.	~	ORT, WALL MOUNTED		•	CELLING MOUNTED KINIZATION TYPE SMOKE DETECTOR			FUSED SWITCH			SHARED DISPLAY, SHARED CONTROL
	4	COMBINATION TELEPHONE/DATA	10	10	TIME CLOCK			CURRENT ARRESTER		Ö	SHARED CONTROLLER (INTERFACE) & HARDWARE INTERLOCK
		FLUSH FLOOR MOUNTED TELEPHONE OUTLET	10000	₩ ₩	TELEVISION OUTLET	1		LICHTINING ARRESTER			COMPUTER FUNCTION
	⊠	FLUSH FLOOR MOUNTED TELEPHONE OUTLET		- C3	DASHED INDICATES EXISTING TO BE REMOVED	CB	<i>→</i>	CROUT BREAKER		Ø	PROGRAMMABLE LOGIC CONTROL
	122	FLUSH FLOOR MOUNTED COMBINATION TELEPHONE/DATA OUTLET		ю	CLOCK RECEPTAGLE OUTLET, 120V, WALL WOUNTED	CS	-0-	CROUT BREAKER			FUNCTIONAL OPERATION
	IXI	FLUSH COLING MOUNTED TELEPHONE GUTLET	AC		ABOVE COUNTER		$\prec \longleftrightarrow \succ$	DRAWOUT TYPE ORCUIT BREAKER		$\infty$	INSTRUMENTS SHARING COMMON HOUSING
		FLUSH CELING MOUNTED TELEPHONE OUTLET	ENC		ELECTRIC WATER COOLER		$\prec\leftarrow$ $\rightarrow$ $\succ$	DRAWOUT TYPE CIRCUIT BREAKER			INSTRUMENT SUPPLY OR CONNECTION TO PROCESS
		FLUSH CEILING MOUNTED COMBINATION TELEPHONE/DATA OUTLET			- DETAIL NUMBER - SHEET NUMBER - WHERE DETAIL IS CALLED OUT		- 1				UNCEFFIED SIGNAL
	⊗	EQUIPMENT REFERENCE		(7)	- Octar Namon - Sheet Namon - Where Detail is Called Out - Sheet Namon - Where Detail is shown		•	TE POINT OF CONNECTION			PNEUMATIC SIGNAL
	ŏ	MECHANICAL EQUIPMENT REFERENCE		W.				FELD MOUNTED			INTERNAL SYSTEM LIMK (SOFTWARE OR GATA LINK)
	<b>♦</b>				- SECTION LETTER - SHETT NUMBER - WHERE SECTION IS CUT		Δ	FELD (FELD WRED TO VENDOR SUPPLED TERMINAL BOX)			ELECTRIC SIGNAL
	7.75	DENOTES ALL FIXTURES IN THIS AREA ARE TYPE INDICATED BY LETTER UNLESS OTHERWISE NOTED.		1	SHEET NUMBER - WHERE SECTION IS OUT     SHEET NUMBER - WHERE SECTION IS SHOWN					-44-	ELECTRIC BINARY SIGNAL
	Δ	REVISION REFERENCE		W.						A+-	PRER OFFIC SONAL
		FLAG NOTE REFERENCE		**	NOICATES NEW CIRCUIT BREAKER						OF THE COLUMN TO
1 1	101	ROOM NUMBER		1 22868		1			1		

EDGE ARCHITECTURE



ENORESIS
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RNN RACOON ACCOUNT ACCOU

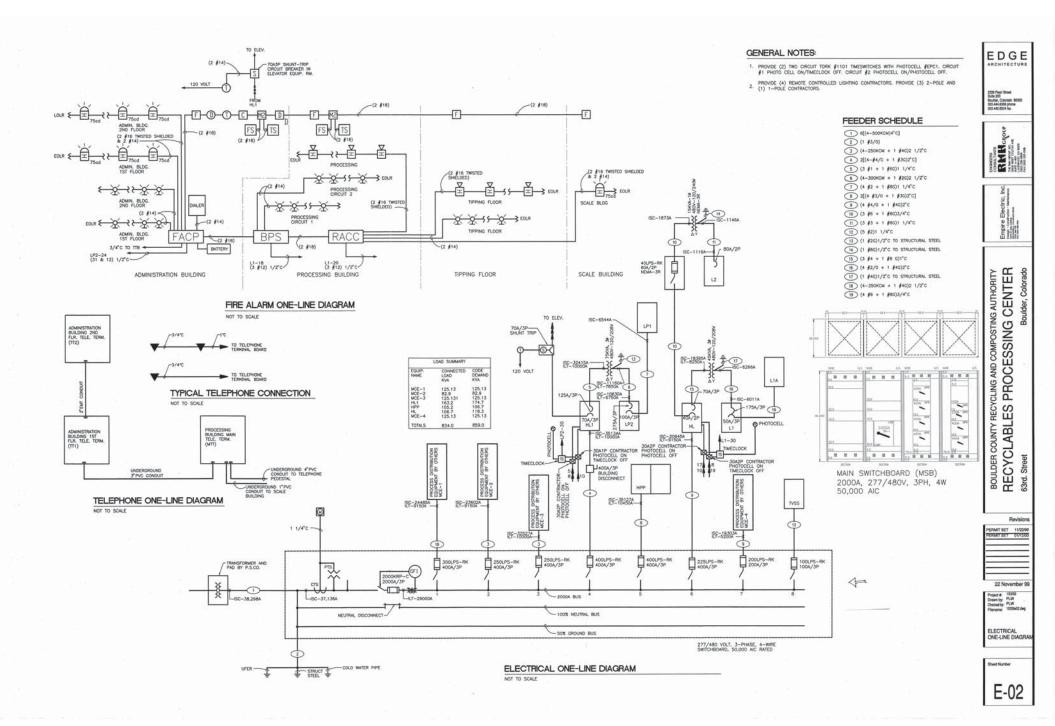
BOULDER COUNTY RECYCLING AND COMPOSTING AUTHORITY
RECYCLABLES PROCESSING CENTER
63rd. Street
Boulder, Colorado

Revisions

PERMIT SET 11/22/99 PERMIT SET 01/12/00

Project #: 15050 Drawn by: ATI Checked by: PLW Filename: 15309E01.DWG

Sheet Number



			MECHA	NICAL EQU	PMEN	T SCHEDULE										NICAL EQUIP	MENT SCHEL				
7227		1000	ELECTR	NOLT	Phi	FEEDER & COMBUST	THPE	PROTECTION 92E	ONTRL & FA MOTES	KEY	ľ	0620	NOTION .	LOAD	LINIT	BCAL VOLT	PH	FEEDER & CONDUST	TYPE	PROTECTION SUZE	ONTRL & FA
KEY	DESCRIPTION	LOND	UNIT	WOLI	n	The second	ing	Jun 1	1847/2842	7000	0.0		V 1001	85.65	100	04600					
RTU-1	ROOF TOP UNIT	36.3	PLA .	460	3	3 #6 + 1 #10G 1" C	CB .	60439	ADMIN, BLDG.	RH-3	RACI	MANT HEATER		0.2	KW	120	1 2 #12	+ 1 #12 G 1/2" C	(8	20AIP P	PROCESS BLDG.
17/-2	ROOF TOP UNIT	15.7	FLA	460	3	3 #10 + 1 #10 C 1/2" C	CB .	30,39	ADMIN. BLDG.	RH-3	RADI	IANT HEATER		0.2	KM	120	1 2 #12	+ 1 <b>/</b> 12 G 1/2° C	CB	20AIP P	ROCESS BLDG.
gr-1	EXHAUST FAN	1/3	107	120	1	2 #12 + 1 #12 6 1/2" 0	CR .	20AIP	ADMIN, BLDG.	RH-3	RACK	IANT HEATER		0.2	KW	120	1 2 #2	+ 1 #12 G 1/2" C	08	20AIP P	PROCESS BLDG.
EF-2	EXHAUST FAN	1/3	10	120		2 #12 + 1 #12 G 1/2" G	CB	20A1P	ADMIN. BLDG.	PTAC-1	PAC	KAGED TERMINAL AIR COND	TOWER	5	KW	206	1 2 #8	1 po c 3/4° c	CB CB	40A2P P	PROCESS BLOG.
		165	WATTS	120	١.	2 #2 + 1 #2 6 1/2" 6		20A1P	ACREMIN. BLDG.	8780-1		XACED TERMINAL AIR COND	COMER .		KW	230	1 2 60	1 #0 ¢ 3/4° ¢	CB	40A3P	CALE BUILDING
	EXHAUST FAN	165	107.0	100	15		CB	HOUSE TO THE REAL PROPERTY.	1.000.000	291RT	10.		TIONEX			15022					
Œ-4	EXHAUST FAN	2	HP	460	- 3	3 #12 + 1 #12 G 1/2" C	CB	15439	PROCESS BLOC.	0-1		PRESSOR		-	100	208	100	+ 1 #12 G 1/2" C	10	1000	MOCESS BLDG.
D-5	EXHAUST FAN	2	iP	460	3	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.	A0-1	AR 1	DRYER		1/4	HP	120	1 2 #12	+ 1 #12 G 1/2" G	C8	20A1P F	PROCESS BLDG.
DF-6	EXHAUST FAN	2	HP	460	3	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.	040-1	OVER	R HEAD DOOR		5	HP	460	3 3 #12	+ 1 #12 G 1/2" C	08	15439 9	PROCESS BLDG.
DF-7	DOWNUST FAN	2	10	460	3	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.	010-2	OVEX	R HEAD DOOR			HP	460	3 3 #2	+ 1 #12 G 1/2" C	CB .	15A3P F	MOCESS BLDG.
	EXHAUST FAN	3	HP	460	,	The table of the table of the table	ce	15439	PROCESS BLDG.	00-1	over	R HEAD DOOR			HP	460	3 3 #12	+ 1 #12 G 1/2" C	CB .	TSASP II	MOCESS BLDG.
	CONTRACTOR OF THE PROPERTY OF						100	3-25-E-		11225	14			100	1000	125/5	14 200		22		
EF-8	EXHAUST FAN	3	HP	460	3	3 M2 + 1 M2 G 1/2" C	CB :	15839	PROCESS BLDG.	010-4	OVES	R HEAD DOOR		5	HP	460	100	+ 1 #12 G 1/2° C	C8	1	PROCESS BLDG.
(F-10	CHAUST FAN	80	WATTS	120	- 1	2 #12 + 1 #12 G 1/2" C	CB	20AIP	PROCESS BLDG.	010-5	OVE	R HEAD DOOR		5	HP	460	3 3 #12	+ 1 #12 G 1/2" C	CB	15A3P 9	PROCESS BLDG.
8-1	BOLER BLOWER MOTOR	3/4	HP.	120	1	2 m0 + 1 m0 0 1/2" C	CB	301P	ADMIN. BLDG.	010-6	OVER	R HEAD DOOR		5	HP	460	3 3 #12	+ 1 #12 G 1/2" C	CB	153.59	PROCESS BLDG.
CWH-1	WATER HEATER BLOWER MOTOR	1/5	100	120	100	2 #12 + 1 #12 G 1/2" C	CB.	20AIP	ADMIN. BLDG.	040-7	OVER	R HEAD DOOR		5	10	460	3 3 #12	+ 1 #12 G 1/2" C	08	15A3P F	PROCESS BLDG.
			1000	2005		Comments of the state of the st	100	No.	Programme To	1000				Patri	10	122	1000	+ 1 #2 G 1/2" C	-	15ASP F	PROCESS BLDG.
P-1	PLMP	5	HP	460	- 3	3 #2 + 1 #2 G 1/2" C	CB .	15A3P	ADMIN. BLDG.	010-8	OVER	R HEAD DOOR		5	HP	450	200		CB	172	
P+2	POMP	1/12	не	120	1	2 #12 + 1 #12 G 1/2" C	CB	20AIP	ADMIN BLDG.	010-9	OVES	R HEAD DOOR		5	HP	460	3 3 #12	+ 1 #12 G 1/2* C	CB	15A3P	PROCESS BLDG.
PVAV-1	VARIABLE AR VOLUME	1/8	10	277	1	2 #2 + 1 #2 G 1/2° C	CB	20ASP	ADMIN. BLDG.	HT-1	HEAT	T TRACE 200 " WATER LINE		2	xx	120	1 2 #12	+ 1 #12 G 1/2" C	CB	30AIF F	PROCESS BLDG.
PVXV-2	VARABLE AR VOLUME	1/3	100	277		2 #2 + 1 #2 0 1/2" 0	CB	ZOAIP	ADMIN. BLDG.	HT-2	HEAT	T TAPE DOWN SPOUTS		1.5	XW.	120	1 2 #12	+ 1 #2 G 1/2" C	CB	20A/P	PROCESS IN.D.G.
			100	277	1	2 #12 + 1 #12 C 1/2* C		20AIP	ADMN. BLDG.	BEV	8.0	NA 1788		20	HP.	460	3 3 16	+ 1 #8 G 1/2" C	ĆB.	70A3P	NOMIN. BLDG.
W	VARABLE AR VOLUME	1/3	160	16.5	1	and the second second	OS	Street 11	The second of	7553	100			2/2/16		10000					
PVXV-5	VARABLE AR VOLUME	1/3	160	277	- 1	2 M2 + 1 M2 G 1/2" C	CB	20ASP	ADMIN. BLDG.	MCE-1	PRO	CESS EQUIPMENT		157	PLA	460	3 3-250	KOM + 1 #4 0 2 1/2°C	CB	250A3P 3	PROCESS BLDG.
PVAV-6	VARIABLE AIR VOLUME	1/3	ie	277	1	2 #12 + 1 #12 G 1/2" C	CB	20A1P	ADMIN. BLDG.	MCC-2	PRO	ICESS EQUIPMENT		104	FLA	460	3 3 #3/	0 + 1 #6 G Z*C	08	150A3P 5	PROCESS BLDG.
PKKV-7	VARIABLE AIR VOLUME	1/15	10	277	1	2 #12 + 1 #12 G 1/2" C	CB	20ATP	ADMIN, BLDG.	MCE-3	PRO	ICESS EQUIPMENT		157	FLA	460	3 3-250	KOW + 1 #4 G 2 1/2°C	C8	250A3P	PROCESS BLDG.
	VARIABLE AIR VOLUME	1/3	10°	277	Ι.	2 #12 + 1 #12 G 1/2" C	re	204/2	ADMIN. SLDG.	MT-4	pen	ICESS EQUIPMENT		157	RA	460	3 3-250	KOW + 1 #4 G 2 1/2°C	CB .	250AP	PROCESS BLDG.
	Percentage and the con-		TURNS.	211		and the second second		1000	0.00000000	T	7.00				-	LUMNARE	SCHEDULE				
VAV-9	VARIABLE AR VOLUME	1/3	10	277	- 1	2 #2 + 1 #2 G 1/2" C	CB	20AIP	ADMIN, BLDG.	- F	EY 0	LAMP(X) DTY SPEC	DESCRIPTION			FINSH	MOUNT	MANUFACTURES	-	SPECIFICATION  CATALOG NUMBER	
VXV-10	VARIABLE AIR VOLUME	1/3	10	277	1	2 #12 + 1 #12 G 1/2" C	OB	20A1P	ADWIN, BLDG.		A .	2 r2218/spx35	4 " BEUSTRAL FLUORESCENT WOUNTED STRUT FACING UP. REFLECTUR W/CENT	0.00		MIT DOWN	BURFACE	COLIMBIA METALOX	81.4-37 204-7	32-VR-EB8 277	10
1.M-1	CABNET UNITER HEATER	1/20	10	208		2 #12 + 1 #12 G 1/2" G	CB.	20A2P	ADMIN, BLDG.			2 F3218/9FK35	4" COMMERCAL HEAVY OUTY FLUORESC	DIV		WHITE EXHAULT.	SUFFACE	COLLMBIA	CS4-2	2N-277-EBBI/WWG 32-EBB 277 1-277(2BBI	
		3/4			Τ.		-	15A3P	PROCESS BLDG.		n :	2 F2218/9PX35	STRP LIGHT 4' COMMERCIAL HEAVY DUTY FLUORESC	THOS		WHITE EXCUSES.	SURFACE	COLUMBIA	CS4-23	32-696 120	
9F-1	SUPPLY FAN		10"	460	- 3		CO				12	2 F3018/99X35	STRP LIGHT 8' COMMERCIAL HEAVY BUTY FLUORESC	TION		MATE ENWEL	SURFACE	METALLIX COLUMBIA	C18-2	1-1393881 32-4098 277	
W-2	SUPPLY FAM	3/4	1IP	460	- 3	3 #2 + 1 #2 G 1/2" C	CB	15439	PROCESS BLDG.		¢	1 WHR250/C/NOR	STOP LIGHT SOLARE METAL PALEE WIN PLECTION			PROVE	SURFACE	SPILLONG SPILLONG	H15-DI	132-27740381 #-M250-0A-277-082	
9F-3	SUPPLY FAN	3/4	HP	460	3	3 #2 + 1 #2 G 1/2" C	CB.	15A3P	PROCESS BLDG.	- 0	3 8	1 WR350/C/NOR	MOLDED PRESMATIC LENS			Brokit	SURFACE	SPALENC		#-M250-0A-277-02-082	-
g-4	SUPPLY FAN	3/4	10	460	(3)	3 #12 + 1 #12 G 1/2" C	ce	15A3P	PROCESS BLDG.			1 150 QUARTE	SQUARE METAL HALES WITH PLECTION WOLDED PRESMATIC LENS W/QUARTZ RESTRAY				COLNG	LUMARK	M40.25	50277-6w	
g-5	SUPPLY FAN	3/4	1P	460	١,	Control of the Contro	ce	15AP	PROCESS BLDG.		0	EW/N/S/SOUNME 1	SOUNTE METAL PALEE WITH PLECTION WOLDED PRESANTIC LEVS. OUTDOOR			BROKE	SURFACE	SPHLDING LUMARK		F-M100-04-277-082 00277-95	
		-			7				100000000000000000000000000000000000000		t	1 WATE,/C/U/MED	SOUNTE METAL HALDE WITH INJECTION WOLDED PRESMATIC LEVEL OUTDOOR			BROKE	SUPFACE	SPALDING UJANAK	HT-O	-M175-DA-277-DB2 75277-PE	
9-4	SUPPLY FAN	3/4	HP	460	1	3 #2+1 #2 G 1/2" C	CB	154,99	PROCESS BLDG.	- 1		2 100A19	INCANDESCENT BATHROOM FIXTURE			WITE	WALL ABOVE		WD-15 K467W		
g-7	SUPPLY FAN	3/4	HP	460	3	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.		6	1 150PWA/FL	19-SHAPED GLASS LENS RECESSED INCHREESCENT FORM LIGHT			WHITE THE	RECESSED CIPRO CELIN	PRESCOUTE	766-5 HD6-6	1832	
9-8	SUPPLY FAN	3/4	10	460	1	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.		01.	1 75419	RECESSED INCARDESCENT SHOWER			WHITE TIME	RECESSED	PRESCOUTE	79x-5	30	
95-9	SUPPLY FAN		1P	450	١,		/9	15439	PROCESS BLDG.		н	1 WATTS/C/U/MED	OUTDOOR WETAL HALDEN/DE-CAST		-	BROKZE	WALL HEIGHT	SPACESING	1657-50 1658-1	000PS 4175-277-PC-082	
		1 1/2			1		-	1000	1 (2) (2) (2)			2 73218/59135	ALIMMAN HOUSING WITH VISION  # WORKEST PLUORISCONT PUTUNE			wet	DY ARCH CABLE 14°	/(NEATK	MHM.	179MT 278-9C-91#-277-AC-FE	-
SF-10	SUPPLY FAN	1 1/2	HP.	460	- 1	3 #12 + 1 #12 G 1/2" C	CB	15AP	PROCESS BLDG.	_		5 F3278/SPK35	PERFORMED HOUSING 2" X 4" RECESSED PLUORESCONT TROPT	m		wet	BELOW COUN	COLUMBA	AP-Sh	-218-C-277AC34"-64" -3326-FSA12-3588-277	-
<b>F-11</b>	SUPPLY FAN	1 1/2	IP	460	3	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.			4 TSPAR, PL	PRESMATIC LENS E' SWILE CIRCUIT LIGHT TRACK WITH			wet	COLING ONE SURFACE	WETALINE METALINE	203324	4-2770381 -131384-(4)7117380	-
F-12	SUPPLY FAN	1.1/2	100	460	,	3 #12 + 1 #12 G 1/2" C	CB	15A3P	PROCESS BLDG.			- Ismail	4- 75 MATT PLOCO USHTS				anus	MED		(1730P	_
	a ta tang magazini a ina		Dia:	0					PROCESS BLDG.			8 TSPARATL	29' TWO CROUT LIGHT TRACK WITH			wet	SUPPACE	PRESCOLITE	ttee	-TT12961-TS12961-TS21961-QX()TV173861	
(DI-1	ELECTRIC CABINET UNIT HTR.	- 5	ion	208	- 2		Ca	26AP	- 1000000	٠,		2 PURKSHED	8- 75 MATT FLOOD LIGHTS WALL MOUNTED EMERGENCY BATTERY			STANDARD	BAT HEIGH.	MESCOLITE	E012	A.1730P	
ECH-2	ELECTRIC CABINET UNIT HTR.	4	10E	208	- 2	3 #12 + 1 #12 G 1/2" C	CS CS	15439	PROCESS BLDG.		11	W/LINT 2 PURKSHED	LIGHT WARNTANCE FREE SEALED BAT WALL MOUNTED INDUSTRIAL EMERGENCY	4		STANDARD	BY ARCH WALL HDGHT	9.RO/TES PRESCOUTE	AS-80	-8C-2-Y-C-A3-1-W-6	_
101-3	ELECTRIC CARNET UNIT HTR.	2	1CW	208	12	3 #12 + 1 #12 G 1/2" C	CB .	15A3P	PROCESS BLDG.	1 1		wykawi	BATTERY LIGHT W/ WANTANCE FREE S BATTERES				BY ARON				
	ELECTRIC WATER HEATER	41	ion.	208		2 MO + 1 MO C 1/2" C	CB CB	30A2P	PROCESS BLDG.			1 100419	OPPL GLASS CREMORA FOR ELEVATOR	PIT		STANDARD	WALL	PRESCOUTE HISLO	10-46 1045e	•	
	RACIANT HEATER	0.2	100	120		2 #12 + 1 #12 G 1/2° C	ca.	20ATP	PROCESS BLDG.		•	1 9000400/0/00/0	400 MATT INDUSTRIAL METAL HALLER METAL CORD & PLUG			MONZE	PENGAKT COLNG	GENERAL ELECTRIC	CM854	OMRASHEZBAIM R22-400WT-PHC	
84-1	CONTRACTOR OF THE CONTRACTOR O				1			1000		1. 1.0		1 Index+00/C/RU/C 1 250 QUARTZ	WITH CORD & PLUG 400 WATT HOUSTRIAL METAL PALICE WITH CORD & PLUG & GUARTZ RESTRO	id.		BROKZE	PENDANT	CENERAL ELECTRIC	OMES4	ON-NOTIFICE (1990) R22-400WT-PHC-0250	
H-1	RADIANT HEATER	0.2	KW	120	+	2 #12 + 1 #12 G 1/2" C	CB	20A1P	PROCESS BLDG.		1	1 WHI250/C/HOR	OUTDOOR WETAL HALDEW/DE-CAST ALLWANS HOUSING WITH VISOR			BROKZE	BILL HOSH	SPALLONG LIMAN	W08-	W250-277-082 250WT	
84-1	RACIANT HEATER	0.2	KW.	120		2 #12 + 1 #12 G 1/2" C	CB .	20A1F	PROCESS BLDG.	- 7	11	1 watnos/c/s/Mcs	OUTDOOR WETAL HALDEN/DE-CAST			BROKEE	WILL HOOK	SPAULDING	WOR-	W400-277-082	
bi-1	RACIANT HEATER	0.2	xx	120		2 #12 + 1 #12 G 1/2" C	CB	20A1P	PROCESS BLDG.	3		2 WWW./C/NOR	2-HEAD PARKING LOT LIGHTW/DE CAS	ET AUM		BOXIX	52, 24(U) SA NON	SPAULDING .	(2303-	PW-M400-III-277-082-25-505-407	
		11.0	0000	1507		and Administration of the Control of	-	20ATP	PROCESS BLDG.		12	1 WH00/C/H0R	HOUSING & IMPACT RESISTANT GLASS I S-HEAD PARKING LOT LIGHTW/DE CAS	LENS IT ALUN		BROKZE	25° \$7851.	SPALLING .	CD-PV	19.3382555A2597 (NOTE #1) 4-8450-18-277-082-25-505-407	
RH-1	RADIANT HEATER	0.2	KW	120		in the second of	u			-		1 www.cc/c/V/MED	HOUSING & IMPACT RESISTANT GLASS SQUARE BOLLARD WITH DUAL OFFICE W	W31		BROKZE	POLE 42"	SPALLDING	ne-v	7002555A259F (NOYE #1) 100-0-277-08Z	
BH-2	RADIANT HEATER	8.2	KW	120	-	2 #12 + 1 #12 G 1/2" C	C8	20A1P	PROCESS BLDG.	- "			HIGH MEACT CLEAR ACTIVIC LENS AND TEMPER PROOF SCHOOLS	0				ALL	11.02-1	70MH-277-LR4202	
		1.00	1250				54000	18/12/	201227970				GROUND WOUNTED FLOOD LIGHT FOR			BRONZE	GROUNG	SPAULDING .		00-#-277-08Z	
RH-2	RACKANT HEATER	0.2	KW	120	_	1 2 #12 + 1 #12 G 1/2" C	CB	20AIP	PROOCSS BLDG.		•	I WARROUNC/II/ARD	DOMESTICS FLOOR COST FOR					LUMARK	ARREST OF	L-100-277	

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BOULDER COUNTY RECYCLING AND COMPOSTING AUTHORITY RECYCLABLES PROCESSING CENTER 63rd. Street

Revisions

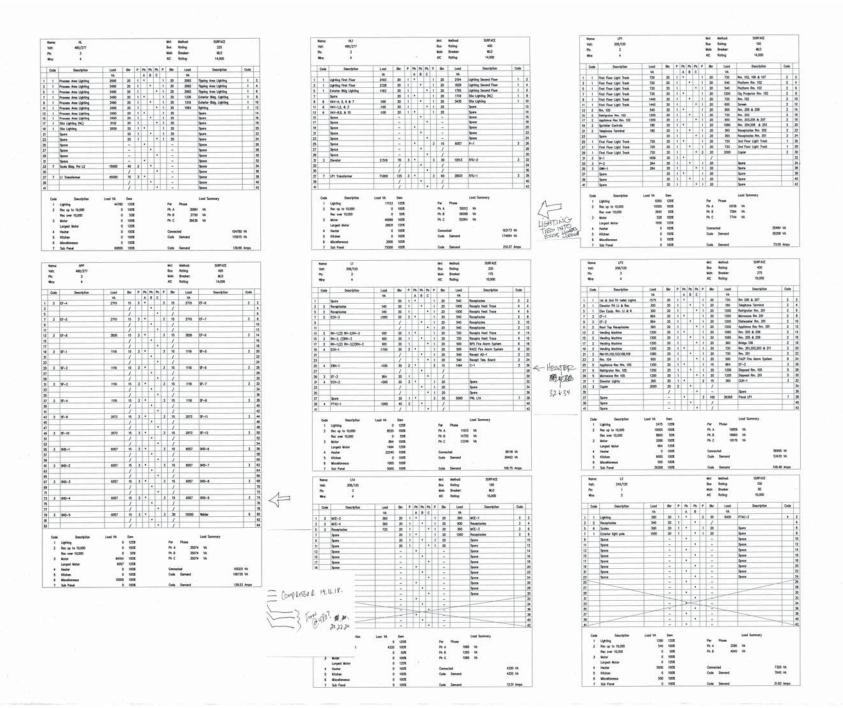
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ELECTRICAL SCHEDULES

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Boulder, Colorado

BOULDER COUNTY RECYCLING AND COMPOSTING AUTHORITY RECYCLABLES PROCESSING CENTER

Street

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Revision

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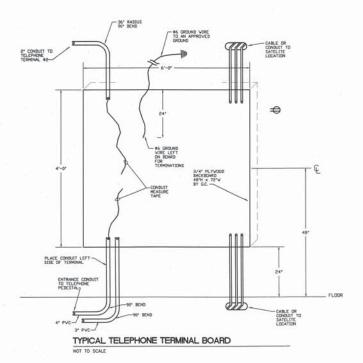
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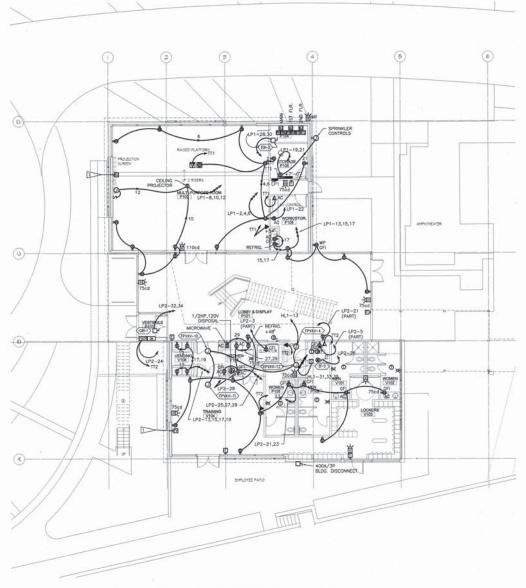
ELECTRICAL SCHEDULES

Sheet Number

### DETAIL NOTES:

STUB 3/4" EMPTY CONDUIT UP INTO CEILING STRUCTURE ABOVE.







EDGE



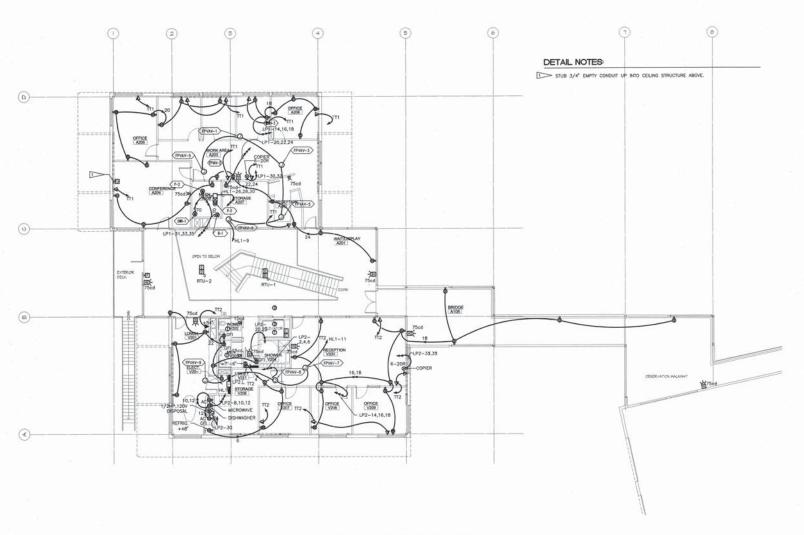
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22 November 99

FIRST FLOOR PWR/COMM PLAN

E1





EDGE



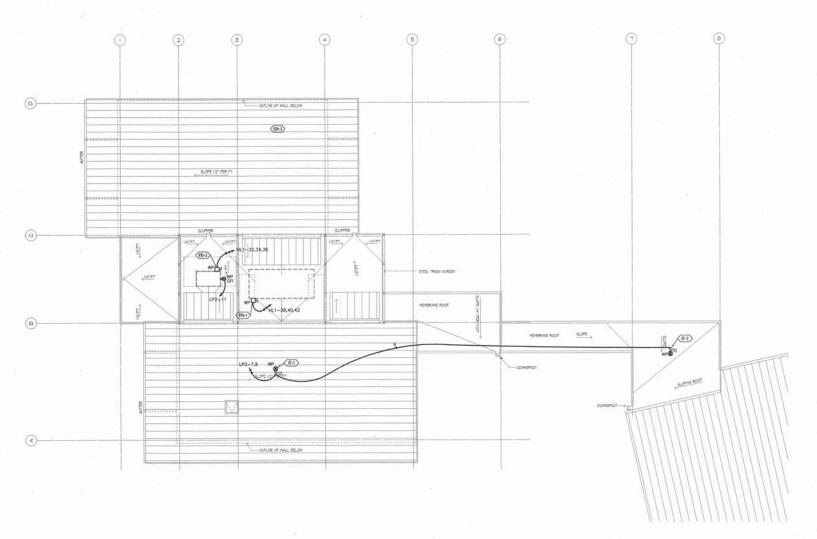


BOULDER COUNTY RECYCLING AND COMPOSTING AUTHORITY
RECYCLABLES PROCESSING CENTER
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Revision

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SECOND FLOOR PWR/COMM PLAN





EDGE ARCHITECTURE





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Boulder, Colorado

Revisions

22 November 99

Project #: 15359 Drawn by: ATI Checked by: PLW Friename: 1535e1-dwg

ROOF POWER PLAN

Sheet Number

E3



(F-12)

DETAIL NOTES:

PROVIDE SEPARATE NEUTRAL FOR EACH CIRCUIT.

CONNECT CONTROL PANEL (MCE) LIGHT FIXTURE TO RECEPTACLE CIRCUIT.

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EDGE ARCHITECTURE

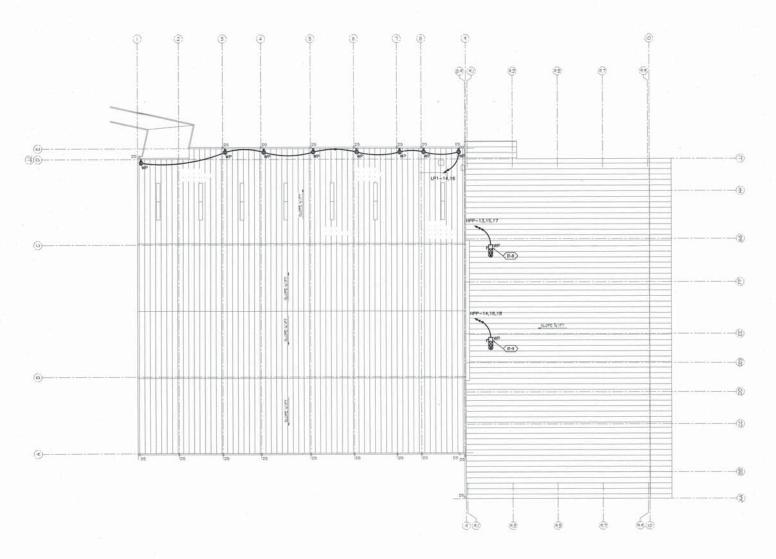
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Boulder, Colorado

Revisions

22 November 9

FIRST FLOOR PWR/COMM PLAN

E4









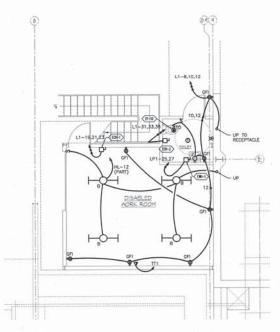
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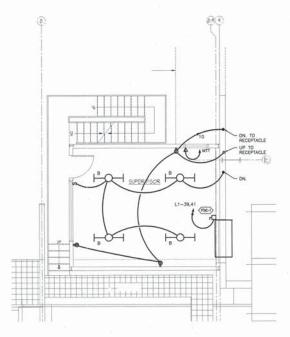
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83rd. Street.
Boulder, Colorado

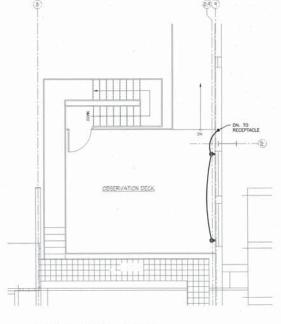
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22 November 99

ELECTRICAL ROOF POWER PLAN







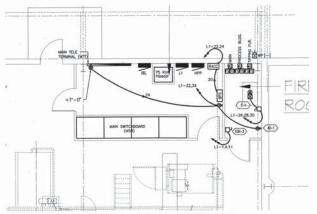
LOWER LEVEL ELECTRICAL TOMER PLAN



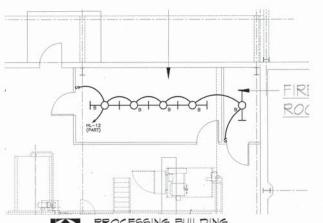
MID-LEVEL ELECTRICAL TOWER PLAN



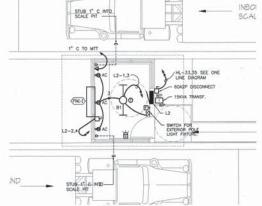
UPPER-LEVEL ELECTRICAL TOMER PLAN



PROCESSING BUILDING ELECTRICAL ROOM POWER PLAN



PROCESSING BUILDING ELECTRICAL ROOM LIGHTING PLAN





EDGE ARCHITECTURE

2006 Pleast Street Suite 200 Boulder, Colorado 80302 303,444,6956 phone 303,440,6534 fax



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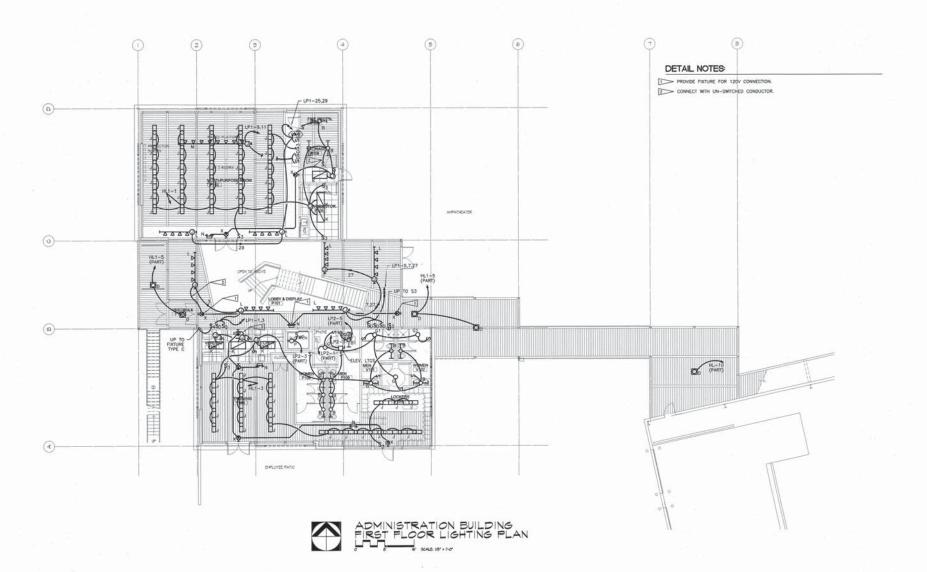
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22 November 99

TOWER ELECTRICAL PLANS

E6



EDGE ARCHITECTURE



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Revision

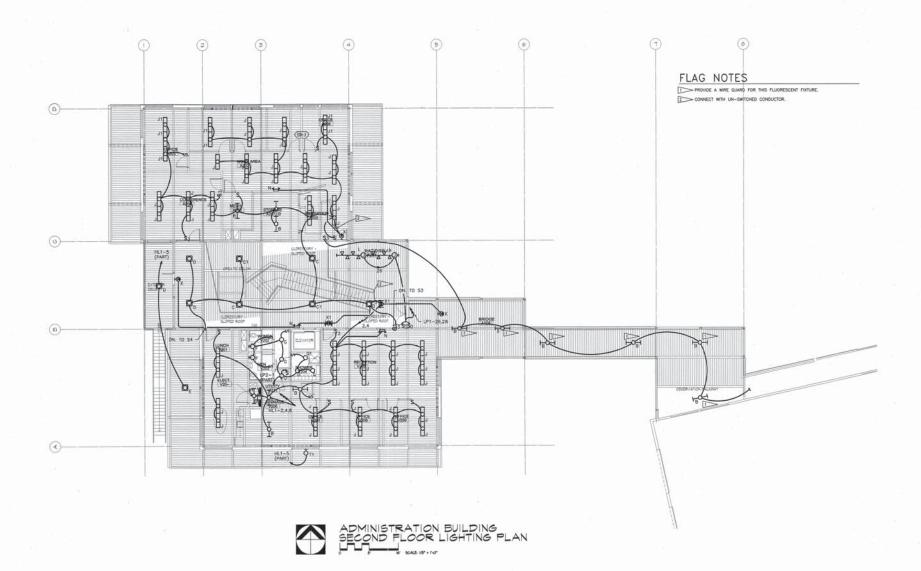
22 November 99

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FIRST FLOOR LIGHTING PLAN

Sheet Number

EL1



EDGE ARCHITECTURE



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Revision

22 November 99 Project #: 15359 Drawn by: ATI Checked by: PLW Filename: 1535941-dep

SECOND FLOOR JIGHTING PLAN

EL2

**DETAIL NOTES:** 

PROVIDE WIRE GUARD FOR THIS FLUORESCENT FIXTURE.

WALL MOUNT FLOURESCENT STRIPS FIXTURES BELOW WINDOWS.

MOUNT FLUORESCENT STRIP FIXTURES ON UNDER SIDE OF PLATFORM.

CONNECT WITH UN-SWITCHED CONDUCTOR.

EDGE ARCHITECTURE



Empire Electric, Inc.

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FIRST & SECOND FLOOR LTNG/FIRE ALARM PLAN

Sheet Number

EL3

