



CITY OF AUBURN
KING AND PIERCE COUNTIES,
WASHINGTON

REQUEST FOR PROPOSALS

for

Agreement No. AG-S-093
**AUDIO VISUAL (AV) SYSTEMS FOR THE AUBURN COUNCIL
CHAMBERS RE-MODEL PROJECT**

Proposal Due Date: 2:00 PM, July 7th, PDT

City of Auburn
Engineering Division
Community Development and Public Works Department

25 West Main St.
Auburn, WA 98001-4998
(253) 931-3010
FAX (253) 931-3053

Agreement No. AG-S-093
**AUDIO VISUAL (AV) SYSTEMS FOR THE AUBURN COUNCIL
CHAMBERS REMODEL PROJECT**

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RFP ADVERTISEMENT

CITY OF AUBURN AGREEMENT NO. AG-S-093 AUDIO VISUAL (AV) SYSTEMS FOR THE AUBURN COUNCIL CHAMBERS REMODEL PROJECT

The Office of the City Clerk will receive sealed proposals at the City Clerk's Office at Auburn City Hall, 25 West Main Street, Auburn, Washington until **2:00 PDT on Thursday, July 7th, 2016** pursuant to RCW 39.04.270 Competitive Negotiation.

The City of Auburn is constructing improvements to the Council Chambers room at the existing City Hall building at 25 West Main Street, Auburn, Washington, 98001. The major items of work included under this RFP include furnishing, installing, configuring, and providing training for complete Audio Visual (AV) systems to support the Auburn Council Chambers remodel project., as indicated in the plans and specifications. The entire project, including cleanup, shall be physically completed within 60 calendar days, starting approximately on July 25th and ending approximately on September 23rd, 2016.

The City of Auburn will review all complete proposals and will evaluate proposals in conformity with the requirements of RCW 39.04.270. All responsive proposals will be judged and scored by the City of Auburn according to the below Comparative Evaluation Criteria, with a total of 100 points possible:

1. Responsiveness of the Proposal to the RFP (10 points possible)
2. Demonstrated Experience in AV systems installation, configuration, and training (30 points possible)
3. Total Cost (including all labor and sales tax) (40 points possible)
4. Demonstrated Ability to Meet Project Schedule (20 points possible)

Disadvantaged, Minority, and Women's Business Enterprises are encouraged to respond. The City of Auburn does not discriminate on the grounds of race, color, religion, national origin, sex, sexual orientation, age or handicap in consideration for a project award. Prevailing wages apply to the installation, configuration, and training work under this RFP.

The complete Request For Proposals, including Plans and Specifications, are available through the City of Auburn's website at http://www.auburnwa.gov/doing_business/rfb_rfp.htm. All questions regarding the RFP shall be submitted by e-mail only to lmoore@auburnwa.gov with the subject line "Council Chambers AV RFP".

The City reserves the right to reject any and all proposals that are not prepared and submitted in accordance with this advertisement, the RFP, or the Specifications, waive technicalities or irregularities and to accept any proposal if such action is believed to be for the best interest of the City of Auburn.

Intended dates of publication: Seattle Daily Journal of Commerce June 14, June 21, June 28, 2016 Seattle Times – June 14, June 21, June 28, 2016

PROPOSAL REQUIREMENTS

PROPOSAL ELEMENTS

Proposals are limited to ten (10) single-sided 8 ½ inch x 11 inch pages (including covers, cover letter, dividers, Schedule of Values) and, at a minimum, should address the following items relative to completing Audio Visual (AV) systems work:

1. Summary of Experience in AV systems installation, configuration, and training. Include all information required to verify qualifications are met as described in the Contract Specifications, Section 274116 Subsection 1.3.
2. Completed Proposal Form as included herein. All costs shall include labor (subject to prevailing wages), for installation, procurement, configuration, warranty, training, and all applicable taxes including sales tax as applicable at 9.5%.
3. Description of how the project schedule will be met (project schedule is described in the RFP Advertisement).
4. References.
5. Acknowledgement of any addenda issued by completing and signing the Receipt of Addenda form as included herein.

TERMS AND CONDITIONS

- A. The City reserves the right to reject any and all Proposals, and to waive minor irregularities in any Proposal.
- B. The City reserves the right to request clarification of information submitted, and to request additional information from any Proponent.
- C. The City reserves the right to award any contract to the next most qualified Proponent, if the initially successful Proponent does not execute a contract within fifteen (15) days after the award of the Contract.
- D. Any Proposal may be withdrawn up until the date and time set for the proposal due date above for opening of the Proposals.
- E. All proposals must be in a sealed envelope and clearly marked in the lower left-hand corner: "Request for Proposal – AV Systems for Council Chambers". No faxed, emailed or telephone proposals will be accepted. Late proposals shall be returned unopened. Proposals received after the deadline will not be considered. Proposers accept all risks of late delivery, regardless of fault.

PROPOSAL EVALUATION AND SCORING

Proposals will be evaluated and scored according to the criteria published in the advertisement. In evaluating the "Demonstrated Experience in AV systems installation, configuration, and training" criteria, higher scores may be given to proposers with favorable experience installing similar systems for the City of Auburn. The "Total Cost" criteria will be scored as follows:

$$\text{Total Cost Score for Proposer} = (\text{Lowest Proposed Cost of all Proposers} / \text{Cost Proposed by Proposer}) \times 40$$

RECEIPT OF ADDENDA

I certify and acknowledge receipt of the following Addenda to the Bid Documents and that due consideration thereof has been used in preparing and submitting this Bid Proposal.

Addendum No.	Date of Receipt of Addendum	Signed Acknowledgment
1		
2		
3		
4		

(NOTE: Failure to herein acknowledge receipt of the addenda may be considered an irregularity in this proposal.)

PROVIDER NAME _____

SAMPLE SERVICE AGREEMENT

CITY OF AUBURN AGREEMENT FOR SERVICES AG-S-093

THIS AGREEMENT made and entered into on this ____ day of _____, 2016, by and between the **City of Auburn**, a municipal corporation of the State of Washington, hereinafter referred to as “City” and **name and address of provider**, hereinafter referred to as the “Provider.”

WITNESSETH:

WHEREAS, the City is in need of the services of individuals, employees or firms for procurement, installation, configuration, training, and warranty of Audio Visual (AV) Systems for the Auburn Council Chambers Remodel Project; and,

WHEREAS, the City desires to retain the Provider to provide said services in connection with the City’s work; and,

WHEREAS, the work associated with this agreement is considered to be electronic data processing and telecommunications systems work and has therefore been procured in accordance with RCW 39.04.270, Competitive Negotiation; and,

WHEREAS, the Provider is qualified and able to provide services in connection with the City’s needs for the above-described work, and is willing and agreeable to provide such services upon the terms and conditions herein contained.

NOW, THEREFORE, the parties hereto agree as follows:

1. Scope of Services
The Provider shall do all work and furnish all tools, materials and equipment for the construction of Project No. CP1518, Audio Visual (AV) Systems for the Auburn Council Chambers Remodel Project in accordance with this Contract form. Scope of work is as follows: furnish, install, configure, provide training and warranty, for the AV Systems as specified in the Contract Plans and Specifications.

The complete Contract includes the following parts, which are by this reference incorporated herein and made a part hereof. Any inconsistency in the parts of the Contract shall be resolved by the order in which they are listed:

- A. Addenda to the Request for Proposal (if any)
- B. Equipment List
- C. Contract Specifications
- E. Request for Proposal Advertisement
- F. Washington State Department of Labor & Industries Prevailing Wage Rates and Benefit Key Code effective June 23rd, 2016.

In case of any ambiguity or dispute over interpreting the Contract, the City Engineer's decision will be final.

The Provider agrees to perform the Contract work in a good and professional manner. The Provider shall perform the services as an independent contractor and shall not be deemed, by virtue of this Agreement and the performance thereof, to have entered into any partnership, joint venture, employment or other relationship with the City.

2. Additional Services

In the event additional services with respect to related work are required beyond those specified in the Scope of Work, and not included in the compensation listed in this Agreement, a contract amendment shall be set forth in writing and shall be executed by the respective parties prior to the Provider's performance of the services there under, except as may be provided to the contrary in Section 3 of this Agreement. Upon proper completion and execution of an Amendment (agreement for additional services), such Amendment shall be incorporated into this Agreement and shall have the same force and effect as if the terms of such Amendment were a part of this Agreement as originally executed. The performance of services pursuant to an Amendment shall be subject to the terms and conditions of this Agreement except where the Amendment provides to the contrary, in which case the terms and conditions of any such Amendment shall control. In all other respects, any Amendment shall supplement and be construed in accordance with the terms and conditions of this Agreement.

3. Performance of Additional Services Prior to Execution of an Amendment

The parties hereby agree that situations may arise in which services other than those described in the Scope of Work are desired by the City and the time period for the completion of such services makes the execution of Amendment impractical prior to the commencement of the Provider's performance of the requested services. The Provider hereby agrees that it shall perform such services upon the written request of an authorized representative of the City pending execution of an Amendment, at a rate of compensation to be agreed to in connection therewith. The invoice procedure for any such additional services shall be as described in Section 7 of this Agreement.

4. Provider's Representations

The Provider hereby represents and warrants that the Provider has all necessary licenses and certifications to perform the services provided for herein, and is qualified to perform such services.

5. City's Responsibilities

The City shall do the following in a timely manner so as not to delay the services of the Provider:

- a. Designate in writing a person to act as the City's representative with respect to the services. The City's designee shall have complete authority to transmit instructions, receive information, interpret and define the City's policies and decisions with respect to the services.
- b. Furnish the Provider with all information, criteria, objectives, schedules and standards for the project and the services provided for herein.
- c. Arrange for access to the property or facilities as required for the Provider to perform the services provided for herein.
- d. Examine and evaluate all studies, reports, memoranda, plans, sketches, and other documents prepared by the Provider and render decisions regarding such documents in a timely manner to prevent delay of the services.

6. Acceptable Standards
The Provider shall be responsible to provide, in connection with the services contemplated in this Agreement, work products and services of a quality and professional standard acceptable to the City.
7. Prevailing Wages
The Provider shall comply with every provision of the Revised Code of Washington Chapter 39.12. A copy of a Statement of Intent to Pay Prevailing Wages, approved by the Industrial Statistician of the Department of Labor & Industries, must be submitted to the City prior to any payment for services rendered. An Affidavit of Wages Paid must be received by the City prior to issuance of final payment.
8. Compensation
As compensation for the Provider's performance of the services provided for herein, the City shall pay the Provider the fees and costs specified in the Schedule of Values which is attached hereto and by this reference made a part of this Agreement (or as specified in an Amendment). The Provider shall submit to the City an invoice or statement of time spent on tasks included in the scope of work provided herein, and the City upon acceptance of the invoice or statement shall process the invoice or statement in the next billing/claim cycle following receipt of the invoice or statement, and shall remit payment to the Provider thereafter in the normal course, subject to any conditions or provisions in this Agreement or Amendment. The Agreement number must appear on all invoices or statements submitted. The not-to-exceed amount for this agreement is \$xxxxx.
9. Time for Performance and Term of Agreement
The Provider shall not begin any work under this Agreement until authorized in writing by the City. The Provider shall perform the services provided for herein in accordance with the direction and scheduling provided in the Scope of Work, unless otherwise agreed to in writing by the parties. All work under this Agreement shall be completed by June 15, 2016.
- 9a. Liquidated Damages
If said work is not completed within the time specified, the Provider agrees to pay liquidated damages to the Owner as follows:
- A. To pay (according to the following formula) liquidated damages for each calendar day beyond the number of working days established for completion of the contract work, and
 - B. To authorize the Owner to deduct these liquidated damages from any money due or coming due to the Provider.
 - C. Liquidated damages will not be assessed for any days for which an extension of time is granted. No deduction or payment of liquidated damages will, in any degree, release the Owner from further obligations and liabilities to complete the entire Contract.

Formula: Contract Price (without tax) x 0.15, divided by the original number of working days for completion. 52 working days shall be utilized for the liquidated damages formula as the original number of working days for completion, regardless of the actual Notice to Proceed Date and any granted time extensions.

10. Ownership and Use of Documents

All documents, reports, memoranda, diagrams, sketches, plans, surveys, design calculations, working drawings and any other materials created or otherwise prepared by the Provider as part of his performance of this Agreement (the "Work Products") shall be owned by and become the property of the City, and may be used by the City for any purpose beneficial to the City.

11. Records Inspection and Audit

All compensation payments shall be subject to the adjustments for any amounts found upon audit or otherwise to have been improperly invoiced, and all records and books of accounts pertaining to any work performed under this Agreement shall be subject to inspection and audit by the City for a period of up to three (3) years from the final payment for work performed under this Agreement.

11. Continuation of Performance

In the event that any dispute or conflict arises between the parties while this Contract is in effect, the Provider agrees that, notwithstanding such dispute or conflict, the Provider shall continue to make a good faith effort to cooperate and continue work toward successful completion of assigned duties and responsibilities.

12. Administration of Agreement

This Agreement shall be administered by _____, on behalf of the Provider, and by the Mayor of the City, or designee, on behalf of the City. Any written notices required by the terms of this Agreement shall be served on or mailed to the following addresses:

City of Auburn

Name

Title

25 W Main St

Auburn, WA 98001-4998

Phone: 253-xxx-xxxx

Fax: 253-xxx-xxxx

E-mail:

Company Name

Name

Title

Address

City, State, Zip

Phone: xxx-xxx-xxxx

Fax: xxx-xxx-xxxx

E-mail:

13. Notices

All notices or communications permitted or required to be given under this Agreement shall be in writing and shall be deemed to have been duly given if delivered in person or deposited in the United States mail, postage prepaid, for mailing by certified mail, return receipt requested, and addressed, if to a party of this Agreement, to the address for the party set forth above.

Either party may change his, her or its address by giving notice in writing, stating his, her or its new address, to the other party, pursuant to the procedure set forth above.

14. Insurance

The Provider shall procure and maintain for the duration of this Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Provider, or the Provider's agents, representatives, employees, or subcontractors.

Provider's maintenance of insurance as required by the Agreement shall not be construed to limit the liability of the Provider to the coverage provided by such insurance, or otherwise limit the City's recourse to any remedy available at law or in equity.

The Service Provider shall obtain insurance of the types described below:

- a. Automobile Liability insurance, covering all owned, non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage. Provider shall maintain automobile insurance with minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.
- b. Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, independent contractors, products-completed operations, stop gap liability, personal injury and advertising injury, and liability assumed under an insured contract. The Commercial General Liability insurance shall be endorsed to provide the Aggregate Per Project Endorsement ISO form CG 25 03 11 85. There shall be no endorsement or modification of the Commercial General Liability insurance for liability arising from explosion, collapse or underground property damage. The City shall be named as an insured under the Contractor's Commercial General Liability insurance policy with respect to the work performed for the City using ISO Additional Insured endorsement CG 20 10 10 01 and Additional Insured-Completed Operations endorsement CG 20 37 10 01 or substitute endorsements providing equivalent coverage. Commercial General Liability insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate, and a \$2,000,000 products-completed operations aggregate limit.
- c. Worker's Compensation coverage as required by the Industrial Insurance laws of the State of Washington.

The insurance policies are to contain, or be endorsed to contain, the following provisions for Automobile Liability and Commercial General Liability insurance:

- a. The Provider's insurance coverage shall be primary insurance as respects the City. Any insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Provider's insurance and shall not contribute with it.
- b. The Provider's insurance shall be endorsed to state that coverage shall not be cancelled by either party, except after 30 days prior written notice by certified mail, return receipt requested, has been given to the City.

Insurance is to be placed with an authorized insurer in Washington State. The insurer must have a current A.M. Best rating of not less than A:VII.

Provider shall furnish the City with certificates of insurance and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Provider before commencement of the work. The City reserves the right to require that complete, certified copies of all required insurance policies be submitted to the

City at any time. The City will pay no progress payments under Section 7 until the Provider has fully complied with this section.

15. Indemnification/Hold Harmless

The Provider shall defend, indemnify and hold the City and its officers, officials, employees, and volunteers harmless from any and all claims, injuries, damages, losses, or suits including attorney fees, arising out of or in connection with the performance of this Agreement, except for injuries and damages caused by the sole negligence of the City.

Should a court of competent jurisdiction determine that this Agreement is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Provider and the City, its officers, officials, employees, and volunteers, the Provider's liability hereunder shall be only to the extent of the Provider's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Provider's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Agreement.

16. Assignment

Neither party to this Agreement shall assign any right or obligation hereunder in whole or in part, without the prior written consent of the other party hereto. No assignment or transfer of any interest under this Agreement shall be deemed to release the assignor from any liability or obligation under this Agreement, or to cause any such liability or obligation to be reduced to a secondary liability or obligation.

17. Nondiscrimination

The Provider may not discriminate regarding any services or activities to which this Agreement may apply directly or through contractual, hiring, or other arrangements on the grounds of race, color, creed, religion, national origin, sex, sexual orientation, age, or where there is the presence of any sensory, mental or physical handicap.

18. Amendment, Modification or Waiver

No amendment, modification or waiver of any condition, provision or term of this Agreement shall be valid or of any effect unless made in writing, signed by the party or parties to be bound, or such party's or parties' duly authorized representative(s) and specifying with particularity the nature and extent of such amendment, modification or waiver. Any waiver by any party of any default of the other party shall not affect or impair any right arising from any subsequent default.

Nothing herein shall limit the remedies or rights of the parties hereto under and pursuant to this Agreement.

19. Termination and Suspension

Either party may terminate this Agreement upon written notice to the other party if the other party fails substantially to perform in accordance with the terms of this Agreement through no fault of the party terminating the Agreement.

The City may terminate this Agreement upon not less than seven (7) days written notice to the Provider if the services provided for herein are no longer needed from the Provider.

If this Agreement is terminated through no fault of the Provider, the Provider shall be compensated for services performed prior to termination in accordance with the rate of compensation provided in the Schedule of Values.

20. Parties in Interest

This Agreement shall be binding upon, and the benefits and obligations provided for herein shall inure to and bind, the parties hereto and their respective successors and assigns, provided that this section shall not be deemed to permit any transfer or assignment otherwise prohibited by this Agreement. This Agreement is for the exclusive benefit of the parties hereto and it does not create a contractual relationship with or exist for the benefit of any third party, including contractors, sub-contractors and their sureties.

21. Costs to Prevailing Party

In the event of such litigation or other legal action, to enforce any rights, responsibilities or obligations under this Agreement, the prevailing parties shall be entitled to receive its reasonable costs and attorney's fees.

22. Applicable Law

This Agreement and the rights of the parties hereunder shall be governed by and interpreted in accordance with the laws of the State of Washington and venue for any action hereunder shall be in of the county in Washington State in which the property or project is located, and if not site specific, then in King County, Washington; provided, however, that it is agreed and understood that any applicable statute of limitation shall commence no later than the substantial completion by the Provider of the services.

23. Captions, Headings and Titles

All captions, headings or titles in the paragraphs or sections of this Agreement are inserted for convenience of reference only and shall not constitute a part of this Agreement or act as a limitation of the scope of the particular paragraph or sections to which they apply. As used herein, where appropriate, the singular shall include the plural and vice versa and masculine, feminine and neuter expressions shall be interchangeable. Interpretation or construction of this Agreement shall not be affected by any determination as to who is the drafter of this Agreement, this Agreement having been drafted by mutual agreement of the parties.

24. Severable Provisions

Each provision of this Agreement is intended to be severable. If any provision hereof is illegal or invalid for any reason whatsoever, such illegality or invalidity shall not affect the validity of the remainder of this Agreement.

25. Entire Agreement

This Agreement contains the entire understanding of the parties hereto in respect to the transactions contemplated hereby and supersedes all prior agreements and understandings between the parties with respect to such subject matter.

26. Counterparts

This Agreement may be executed in multiple counterparts, each of which shall be one and the same Agreement and shall become effective when one or more counterparts have been signed by each of the parties and delivered to the other party.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed effective the day and year first set forth above.

CITY OF AUBURN

SERVICE PROVIDER

Nancy Backus, Mayor

Signature

Attest:

Name: _____

Title: _____

Danielle Daskam, City Clerk

Approved as to form:

Federal Tax ID No: _____

Daniel B. Heid, City Attorney

Sample

EQUIPMENT LIST

Page 1 of 3

Item	Description	Qty
	Council Chambers	
	CAMERAS / INPUTS	
AW-HE130WPJ	Panasonic AW-HE130 HD Integrated Camera (White)	4
NB-UIM-MCA	Nigel B -White Finish Anti Vibration Camera Adaptor Pole Mount	4
560849	Intellinet Network Solutions 16-Port Fast Ethernet PoE+ Switch	1
VC-1-SC	Roland Systems Group - Up/Down/Cross Scan Converter to/from SDI/HDMI with Frame Sync	2
	BROADCAST VIDEO	
MICA	BroadcastPix - HD switcher with 8 HD/SD SDI inputs, 1 SDI key cut input, 2 channels clips, 2 channels animations, 4 channels graphics. Outputs 6 HD/SD SDI, 2 DVI, with program, preview, clean feed, PowerAuxA and B. Comes standard with 3 keyers with option to upgrade to six keyers. Each keyer has a DVE for PiP. 250GB Clip store holds up to 30 hours of H.264, ProRes and DNxHD clips. Harris GS CG. Fluent-View monitoring is customizable on 2 monitors with all inputs, file libraries, keys, 4 outputs, clocks and touch-screen enabled. Fluent-Macros automate effects with switcher and file recalls. Virtual Sets with easy set creation. Network file-based workflow with Fluent Watchfolders. 3 panel licenses for physical and SoftPanels. Device control of AJA recorders and Blackmagic HyperDeck Studios and ViewCast Streamers. Minimal constant system delay. Version 4.0 software with ClearKey chromakeyer. Mica is 4RU. Ships with keyboard, mouse, owners manual. Monitors not included. All new systems shipping prior to the release of Version 4 will receive a free upgrade.	1
CP1000	Broadcast Pix 1000 control panel - 9 input bus with smart switch control surface	1
802	Broadcast Pix - Panasonic Camera Control, Control up to 9 Panasonic cameras, software only.	1
601	Broadcast Pix - On site Training: First Day. Includes expenses in North America, with 4 weeks notice.	1
602	Broadcast Pix - On site Training: Each additional day, to extend the training session in Option 601.	1
997-6848-00	Planar Helium PCT2785 27" Widescreen Multi-Touch Monitor.	2
BT-LH1850PJ	Panasonic -BT-LH1850PJ - 18.5" HD/SD multi-format monitor with 1366 x 768 resolution. Offers two HD/SD-SDI inputs with switchable output, HDMI, DVI, analog composite video, two-channel analog audio (pin jacks x2) input, embedded audio via the SDI and HDMI input and audio monitoring via built-in speakers and headphone output. Worldwide 59.94 Hz /50Hz system frequency compatibility including 1080/24PsF. High quality features include true color processing with 3D-LUT, HD/SDI Closed Captaining, Pixel to Pixel mapping, Wave Form and Vector Scope, Color Audio Meter, RS-485 IMD remote, Tally Lamps, Markers and more. Eco-friendly / low power consumption display offers Integrated AC power supply and DC 12V. Standard screw holes for installation on commercially available VESA mounts. Tilt stand comes standard.	1

EQUIPMENT LIST (CONTINUED)

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Item	Description	Qty
Ki Pro Rack	AJA Video Systems - NEW-Rackmount Digital File Recorder, with Apple ProRes 422 and DNxHD, includes: 2 x AC Power Cords, (No Storage Modules included)	1
KI-STOR500	AJA: KI-STOR500 500GB HDD Storage Module with FireWire800 connection	2
ADVC-G2-NA	HDMI and SDI to Analog and SDI Multi-Functional Converter/Scalar - Frame synchronizer	1
BMD-CONVMSDI...	BMD-CONVMSDIDA Mini Converter - SDI Distribution*	1
BMD-CONVMCA...	BLACKMAGIC DESIGN Mini Converter - Audio to SDI*	1
TF1-CA	YAMAHA 16 faders + 1 Master fader. 16 onboard Mic/Line analog inputs. 32 mono + 2 stereo	1
NY64-D	Yamaha Dante I/O expansion card for TF series consoles	1
HS50M	YAMAHA 70W Powered 2-way Studio Monitor with 5" Woofer and 0.75" Tweeter (ea)	2
Custom Control ...	Martin and Ziegler 5 Bay Control Console, no backs. Bays 2-4 below desk top are equipment openings with drilled and tapped rack rail, front only. 10 ' long desk top.	1
IPAD-RETINA-1...	COUNCIL CHAMBER AV Apple - iPad with Retina display Wi-Fi 16GB - Black	1
CircleBox	Circle Technology - CircleBox and Software for PC	1
CU 5905	Shure Microphone Control Equipment CU 5905 Central Unit, For Microphone and Interpretation control Accessories included: Tool for XLR socketDC 5980 P Overlay (GB): CM (2), IS (3), "Delegate - One button" Mic On/Off (1)	1
DC 5980 P	Shure Portable Conference Unit and Microphones DC 5980 P Conference Unit w/XLR - Configurable as CM/DM/IS - Lockable XLR plug for GM - Loudspeaker - Mute and Speak button - Headphone Volume Control - Ch. Selection, Interpretation 2 channels	17
GM 5924	Shure GM 5924 Gooseneck Mic. w/LED, w/XLR plug, 50 cm long, black	17
DC 5980 P ACC-...	Shure DC 5980 P Overlay: "Delegate - One button" Mic On/Off (Qty of 10 labels)	2
MXA910	Shure Ceiling Array Mic	1
SCM820-DAN	Shure - Eight Channel Digital Automatic Mixer, Block Connectors, Dante™ Digital Audio	1
SLX124/85/SM5...	Shure - Wireless System, includes SLX4 Diversity Receiver, SLX1 Bodypack Transmitter, Microflex®WL185 Cardioid Lavalier Microphone, SLX2/SM58 Handheld Transmitter with SM58 Microphone	2
UA221	Shure Passive AntennaSplitter/Combiner Kit.	1
UA505	Shure - UA505 - Mounting Bracket / BNC Adapter	2
I15-L	Sennheiser ME36 lobar mini shotgun capsule, MZH3015 gooseneck, MZT30 flange mount and MZS31 shock mount	1
IC-650-T	Klipsch - 70V Ceiling Speaker	6
PA2250T	EV Dual Channel Commercial Sound Power Amplifier, 2 x 270 watts at 4 ohms, 70V/100V or Low Impedance Operation, Compact 2RU Chassis, 110/120 vac operation	1

EQUIPMENT LIST (CONTINUED)

Page 3 of 3

Item	Description	Qty
Lighting Package	Lighting Package Supplied - 23 Fixtures To be installed by Electrical Contractor	1
INT	Integration services includes: Installation, cables, connectors, and deployment of system.	1

COST PROPOSAL FORM

LUMP SUM BASE BID:

Furnishing, installing, configuration, testing, training, and warranty for AV Systems for the Auburn Council Chambers Remodel Project as listed on the Equipment List and as specified in the Request for Proposals, for the lump sum price (including Washington State sales Tax (WSST) of:

(Amount in words)

Dollars
\$ _____
(Amount in numbers)

CONTRACT SPECIFICATIONS

SECTION 274116 - AUDIO VISUAL SYSTEMS (TO BE PROVIDED BY PROVIDER)

PART 1 GENERAL

1.1 SUMMARY

- A. The system shall be called the “Audio Visual System” and the installer the “Audio Visual System Installer”. The work in this Section includes but is not limited to:
1. Audio mixers, equalizers, amplifiers, program sources, and other audio visual and signal processing equipment.
 2. Loudspeakers, custom enclosures, and speaker mounting or support hardware including speaker mounting frames and incidental support members.
 3. Equipment racks and millwork cabinets.
 4. Video displays, cameras, etc. and mounting or support hardware including mounting frames and incidental support members.
 5. Video systems, sources, routing, and switching.
 6. Control systems, equipment program development, and programming.
 7. Data network systems.
 8. Cables, connectors, plates, and wiring.
 9. Project detailing and coordination.
- B. Products furnished but not installed under this section:
1. Loose items, microphones, remotes, etc.
- C. Products installed but not furnished under this section:
1. Owner furnished owner installed equipment (FOIO) as identified herein or on the Drawings.
- D. Under this section, provide raceway systems for the installation of audio systems. Installation shall include appropriately sized metallic raceways, outlet boxes, plaster rings, cover plates and installation of pull strings.

1.2 REFERENCES

- A. Sound System Engineering (2nd Edition), Davis and Davis, Howard W. Sams 1987.
- B. Audio System – Design and Installation, Giddings, Howard W. Sams, 1990.
- C. ANSI S4.46-1992.
- D. EIA Standard AS-160.
- E. EIA Standard RS-219.
- F. EIA Standard RS-460.
- G. UL listing (of equipment for which listing exists).

1.3 QUALIFICATIONS

- A. All work to be performed by a licensed and bonded low-voltage specialty electrical contractor. Audio Visual System Installer shall have held a valid Washington State low-voltage contractor's license, under the current business name, for a period of not less than 5 years.
- B. All Audio Visual System equipment shall be installed by a single Audio Visual Installer, other than typical trade installed elements, such as conduit, back boxes, wire, cable, field devices, etc. All Audio Visual System equipment shall be furnished and installed by an authorized factory distributor. To ensure timely and competent direct factory support and service, the Audio Visual System Installer shall provide proof of direct factory franchise for all major specified Audio Visual System components, including but not limited to loud speakers, amplifiers, digital signal processing, video equipment, control system, projectors, and screens. The Audio Visual System Installer shall have a certified programmer on staff for the specified digital signal processing platforms and control systems and have been in the business of furnishing the specific product lines for a minimum of 5 years. The Audio Visual System Installer shall have an ISF certified video calibration specialist on staff. **Submit franchise and training certificates with proposal.**
- C. Pre-bid approval requests for installation of equipment other than that specified, except as noted herein as "no substitution", must be received not less than 5 days prior to bid opening. Proposals must be accompanied by complete technical data including complete equipment list on Installer's letterhead listing proposed alternate system components, compilation of manufacturers' catalogs or specification sheets of submitted components, and functional block diagrams indicating system interconnection and functions. It is the sole responsibility of the Installer to prove equivalency to the satisfaction of the engineer including laboratory test data, fabrication techniques, installation, and testing procedures.

1.4 ADMINISTRATIVE REQUIREMENTS

- A. Related work by others includes: A/V system installation by the A/V systems subcontractor(s).
 - 1. Under this Section, coordinate with A/V system Contractor on:
 - 2. Wiring methods and A/V systems conduit/junction back boxes locations and sizing.
 - 3. Equipment rack locations, speaker locations, device locations, terminal boxes, electrical outlets and services, gutters and chases, all as required to supply an infrastructure capable of supporting the installation of Base Bid and Alternate A/V Systems.

1.5 SUBMITTALS

- A. Submit product data, equipment lists, and shop drawings as set forth herein.
- B. Provide clearly identified, complete catalog cuts of all major components including but not limited to:
 - 1. Audio Visual devices and equipment.
 - 2. Head end equipment, including mixers, amplifiers, switchers, routers, signal processors, etc.
 - 3. Loudspeakers including baffles, special mounting enclosures, crossovers, matching networks, protection circuits, and structural loading calculations.
 - 4. Video displays and cameras including mounts, mounting structures, enclosures, viewing angles, fabrication details, and structural loading calculations.
 - 5. Equipment cabinets and enclosures.
 - 6. Trim and interface plate fabrication details.
 - 7. Specialty back boxes and specialty rough-ins.
 - 8. Wire and cable.

- C. Coordinate and confirm final locations of all field devices. Provide plan view and elevation details as well as scaled mounting details for screens, cameras, equipment, etc. including attachments, specialty requirements, focal lengths, viewing angles, and rack elevations.
- D. Provide complete shop drawings for installation of equipment into custom millwork cabinets provided by others including fully dimensioned drawings, finishes, rack inserts and equipment layouts, hardware, etc.
- E. Provide control system proposed layouts indicating devices, screen nesting, device controls, transports, functions, color scheme, text layouts, etc. Submit proposed layout for approval prior to beginning any programming work and not less than 4 weeks prior to project completion. Provide sample screen shots in virtual mode for approval.
- F. Provide and coordinate IP addressing scheme of Ethernet attached devices.

1.6 OPERATIONS AND MAINTENANCE MANUALS

- A. Provide 3 complete bound O&M manuals describing maintenance and operation of the system. Include descriptions and service data on all component parts. Manual shall also include the following:
 1. Warranty statement indicating effective dates.
 2. Complete engineering data on all systems and equipment furnished, including operations and maintenance manuals, complete and accurate point to point wiring diagrams, cable labeling, and installed condition details of the system in its "as built" condition.
 3. Step by step instructions on operational procedures, including power up and power down sequences, special operational guidelines, and standard preventative maintenance procedures. Permanently affix one copy to equipment rack.

1.7 SYSTEMS DESCRIPTION

- A. Provide complete and functioning Audio Visual Systems as shown on the Drawings and set forth in this Specification.
- B. Size high resolution cabling from AV sources and switches so that a maximum of .5dB loss occurs in any cable run. Video signals carried over Category UTP cable shall be compensated by the receiver equipment. No "compensation loop" coiling of cables to compensate for lengths is allowed. All UTP cabling shall conform to the Manufacturer's specifications for interconnection cabling of the devices being connected.
- C. Audio Visual System Installer is responsible for providing all mounting systems, blanks, vents, AC distribution, etc. for mill-worked equipment cabinets, racks, etc.
- D. Provide input connections, switching, etc. into systems for Owner provided PC's, laptops, VCR/DVD's, DVR's, and document cameras as shown on the Drawings and Specifications. All input plates are to be detailed by Installer and provided with appropriate industry standard connectors to meet the functional requirements of the system.
- E. Provide integrated system control and touch screens as shown. Audio Visual System Installer shall provide and program all control hardware and software to allow for Audio Visual System and Audio Visual device operations from control surfaces. Device operations to include, but not be limited to; screen controls, volume controls, switching and routing controls, projector controls, camera control and special functions as indicated. It is the Audio Visual System Installer's responsibility to detail and propose control surface

functions and layouts. Provide sample screen shots and button labeling for approval as required in submittals section requirements above.

1.8 WARRANTY

- A. The Audio Visual System shall be guaranteed for a period of one year from the date of acceptance or first beneficial use, whichever is first, against defects in materials, workmanship, design and improper adjustment. Any defects in the system shall be corrected at no expense to the Owner, provided the system does not show signs of abuse. During the guarantee period, any work found not to be in conformance with the Contract Documents shall be brought into conformity at no additional cost to the Owner. Owner furnished equipment is not subject to material product warranty, but is subject to workmanship warranty.

PART 2 - PRODUCTS

- A. See Equipment List Included with the Request for Proposals

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Coordinate work with the City, City's General Contractor, and other trades to avoid causing delays in construction schedule.
- B. Locations of outlet boxes, speakers, racks etc. shown on the Drawings are approximate. The Provider shall verify exact location of all devices, whether shown on the Drawings or not, with Owner prior to rough-in, mounting, and installation.
- C. Mount equipment and enclosures plumb and square. Permanently installed equipment to be firmly and safely held in place. Design equipment supports so support loads imposed with a safety factor of at least 3 (5 to 1 for loudspeaker mountings).
- D. The process of acceptance testing the System may necessitate moving and adjusting certain component parts, such as loudspeakers. Provide for +/- 10 degrees of adjustability from initial aiming angle and perform such adjustments without claim for additional payment.
- E. Cover edges of cable pass-through holes in chassis, racks, boxes, etc. with rubber grommets or Brady GRNY nylon grommets.
- F. Devices mounting in acoustical tile ceilings to be properly supported with tile bridges or other similar structural bracing.
- G. AC Power and Grounding (as applicable):
 - 1. Coordinate final connection of power and ground wiring to racks. Hard wire power wiring directly to power contactors or internal AC receptacles to ensure uninterrupted operation, as required.
 - 2. Install 3-conductor, isolated ground, 120 VAC outlets in each rack. Provide a minimum of 2 spare outlets in each rack. Label each outlet as to which AC circuit is feeding it and provide the same information in the circuit breaker panel.
 - 3. Install a 1 inch by 1/4 inch copper ground buss bar top to bottom in each rack, insulated from the rack. Ground equipment chassis not having a 3-wire power cord to these busses using 10/32 nuts,

bolts, and lockwashers with No. 12 wire. Connect green ground wire from each AC outlet in rack to this buss bar.

H. Equipment Racks:

1. Mount equipment in racks and consoles and jully wire and test before delivery to job site. If field conditions prevent prior assembly of racks, notify Owner in writing that racks will be fabricated on site and the reasons for the change. Racks located on concrete floors in equipment rooms or non-finished spaces to mount on a 4 inch wood or concrete riser.
2. Provide ventilation adequate to keep temperature within the rack below 100 degrees Fahrenheit. Provide whisper type ventilation fan in each rack if temperature in rack rises above 100 degrees with power on for five continuous hours.
3. In general, looking at the rack from the rear, locate AC power, digital control, DC control, and speaker wiring on the left; microphone, line level audio, and video wiring on the right. Panels or equipment mounted on the rear rack rails shall not block access to any front mounted components.

I. System Wiring:

1. Take precautions to prevent and guard against electromagnetic and electrostatic hum. For line level audio signals, float cable shields at the output of source device. Shields not connected to be folded back over cable jacket and covered with heat-shrink tubing. Do not cut off unused shields.
2. Exercise care in wiring: damaged cables and equipment will not be accepted. Isolate cables of different signals or different levels and separate, organize, and route to restrict channel crosstalk or feedback oscillation in any amplifier section. Lace wiring and separate into groups for microphone and line level circuits, loudspeaker circuits, and power circuits.
3. Make connections with rosin-core solder or with mechanical connectors approved by the Owner. Where spade lugs are used, crimp properly with ratchet type tool. Spade lugs mounted on 22 gage or smaller cable to be soldered after crimping. Wiring entering equipment racks and at CIP should connect via terminal blocks (Cinch 140-142 Series) or punch blocks designed for stranded wire. Terminal blocks shall be fully exposed, labeled, and mounted on 3/4 inch plywood board painted flat black. If quantity of terminals is too numerous to fit in rack, terminal blocks may be located on wall mounted plywood terminal board adjacent to rack. Mounting boards to be 3/4 inch AIC grade or hardwood plywood painted flat black. Terminal board wiring to meet the same requirements as internal rack wiring described below.
4. Route unbroken microphone, audio line, and control wiring from receptacle plate/chassis to patch panel/rack. Remove spliced cables and replace without additional charge to the Owner. Connect cable to active components through screw terminal connections and spade lugs whenever available.
5. Make connections to speaker transformers with properly sized closed end connectors crimped with factory approved ratchet type tool. Wire nut or "Scotchlock" connectors are not acceptable. Do not wrap audio cable splices or connections with adhesive-backed tape.
6. Execute wiring in strict adherence to "standard broadcast practices", as excerpted from "Recommended Wiring Practices", Broadcast Audio Equipment for AM, FM, Television (5th Edition), Radio Corporation of America (RCA), Camden, NJ 1962 and Appendix II, "Recommended Wiring Practices", Sound System Engineering, (2nd Edition), D. Davis, and performed in accordance with standard professional practice.
7. Run vertical wiring inside rack in properly sized plastic raceway with snap-on covers (Panduit Type E series). Mount raceways on full length 3/4 inch plywood backboards attached to rack sides. Horizontal wiring in rack to be neatly tied in manageable bundles with cable lengths cut to minimize excess cable slack but still allow for service and testing. Provide horizontal support bars if cable bundles sag. Neatly bundle excess AC power cable from rack mounted equipment with plastic cable ties. Rack wiring to be bundled with plastic cable ties or lacing twine. Electrical tape and adhesive backed cable tie anchors are not acceptable.
8. Connect loudspeakers electrically in phase, using the same wire color code for speaker wiring throughout the project.

9. Wiring and connections shall be completely visible and labeled in rack. Termination resistors shall be 1/2 watt 5 percent tolerance, fully visible, and not concealed within equipment or connectors.

J. Equipment and Cable Labeling:

1. Provide laser engraved labels on the front and rear of active equipment mounted in racks. Mount labels in a neat, plumb and permanent manner. Embossed labels or P-Touch type labels are not acceptable. Equipment labels to have at least three lines of engraving with the first line listing the general name of the device, i.e. POWER AMPLIFIER or EQUALIZER, the second line to include the schematic reference of the device i.e. PO-1A or MIXER-3, and the bottom line to indicate what other devices or areas this equipment controls i.e. FEEDS HF-3&4 or FEEDS XOVER-3.
2. Provide an engraved label over each user-operated control that describes the function or purpose of the control. Label size to be adjusted to fit available space. Engraved labels to have 1/8 inch high characters typical. Labels to be black with white characters except where indicated. Embossed or P-Touch type labels are not acceptable.
3. Cables and wiring to be logically, legibly, and permanently labeled for easy identification. Labels on cables to be adhesive strip type covered with clear heat-shrink tubing. Factory stamped heat shrink tubing may be used in lieu of the adhesive strip style label. Hand written labels are not acceptable.
4. Wiring designations to be an alpha-numeric code that is unique for each cable. Locate the cable designation at the start and end of each cable run, and within 3 inches of the point of termination or connection. For cable runs that have intermediate splice points at riser junction boxes, the cable shall have the same designation throughout with an additional suffix to indicate each segment of the run. Actual cable designation assignments to be determined by Provider.
5. Add cable designation codes to system schematic drawings included with Project Record Drawings.
6. Label each terminal strip with a unique identification code in addition to a numerical label (cinch MS series) for each terminal. Show terminal strip codes on system schematic drawings included with Project Record Drawings.
7. Provide adhesive labels on the rear of equipment where cables attach to indicate the designation of the cable connected at that point.

3.2 CONTRACTOR'S TESTS, SETUPS, AND ADJUSTMENTS

A. Verify the following before beginning actual tests and adjustments on the system:

1. Electronic devices are properly grounded.
2. Powered devices have AC power from the proper circuit and hot, neutral, and ground conductors are connected correctly.
3. Insulation and shrink tubing are present where required.
4. Dust, debris, solder, splatter, etc. is removed.
5. Cable is dressed, routed, and labeled; connections are consistent with regard to polarity.

B. Grounding System Tests:

1. Measure and record the DC resistance between the technical ground in any equipment rack or console and the main building ground. Resistance should be at least 0.15 ohms or less.
2. Temporarily lift the technical ground from the main electrical ground, measure and record the DC resistance between them. Resistance should be at least 1000 ohms.

3.3 GROUNDING

A. Prior to energizing or testing the system, ensure the following:

1. All product is installed in a proper and safe manner per the manufacturer's instructions.
2. Insulation and shrink tubing are present where required.

3. Dust, debris, solder, splatter, etc. is removed.
 4. Cable is dressed, routed, and labeled; connections are consistent with regard to polarity.
 5. All labeling has been provided.
 6. Temporary facilities and utilizes have been properly disconnected, removed, and disposed of off-site.
 7. All products are neat, clean, and unmarred, and parts are securely attached.
 8. All broken work, including glass, raised flooring and supports, ceiling tile and supports, walls, doors, etc. have been replaced or properly repaired, and debris cleaned up and discarded.
 9. Electronic devices are properly grounded.
- B. Prior to energizing the system, perform the following tests in compliance with applicable EIA standards. Provide a draft of a proposed test report form for review as part of the submittal process. Record the results of each test in the Project Record Manual and have a copy available for the Owner during inspection.
1. Test each AC power receptacle with a circuit checker to proper hot, neutral, and ground connections.
 2. Measure and record the DC resistance between the technical ground in any equipment rack or console and the main building ground. Resistance should be 0.15 ohms or less.
 3. Temporarily lift the technical ground from the main electrical ground, measure and record the DC resistance between them. Resistance should be 1000 ohms or greater.
 4. Measure the impedance of each speaker line leaving the equipment racks. For full range devices, use a frequency of 1000 Hz, for band limited devices use a frequency appropriate for the operating range of the transducer. When documenting the results of these tests, include the calculated impedances based on number of units on a line and the size and distance of the run. Correct any field readings that differ more than 20 percent from the calculated impedances.
- C. Speaker Circuit Verification Test:
1. Provide a low level, distinctive test tone to each amplifier input.
 2. Turn on one channel of Amplifier #1 and verify that the correct speaker or group of speakers is operating. Correct any wiring or other problems found.
 3. In a similar manner, check each channel of all remaining amplifiers and their respective speaker circuits.
 4. Include the results of the tests in the Project Record Manual.
- D. Volt Speaker Test:
1. Play music, pink noise, or other distinctive audio signal through each group of 70 volt speakers.
 2. Walk the area covered by the speakers.
 3. Verify that each speaker is operating and that there are no significant changes in volume level from one speaker to the next.
 4. Verify that the extent of coverage is consistent with the areas indicated on the drawings.
- E. Speaker Polarity Verification Test:
1. Use an electronic polarity checker, TEF machine, JBL SMAART PRO, SIM II, or other similar device to test each reinforcement speaker. All speakers should have the same relative polarity.
 2. Follow manufacturer's recommendations in conducting the tests.
 3. In a similar manner, check all distributed speakers to ensure they have the same polarity.
 4. Include the results of the tests in the Project Record Manual.
- F. System Gain Adjustment:
1. Adjust each active device to have unity gain from the console output to the input of the crossover.
 2. With all amplifiers turned off, connect a sine wave or pink noise generator to the input of the console. Using an RMS AC voltmeter with a dB scale, adjust the console to an output between -10 and 0 dBu. Once the level has been established, it should remain unchanged throughout the test. All equalizers should be set flat for this test.

3. Follow the signal flow from the console to each subsequent component. Measure the input level and output level of each device at the point of connection to the device. The input level reading should differ no more than 0.25 dB from the level recorded for the preceding device. Diagnose and correct the wiring or equipment when any readings exceed this range.
4. Adjust the output level of each component to match the reference level coming from the console.
5. Output level should differ no more than 0.5 dB from the console output level.
6. Record the output levels of each device on the Project Record Drawings.

G. Amplifier Level Adjustment:

1. Adjust the gain of each amplifier to provide a consistent and appropriate volume level throughout the facility.
2. Begin by connecting a pink noise source to one input of the mixing console. Adjust the console output to -10 dB on the VU meter.
3. Using main reinforcement speakers, adjust the appropriate amplifiers to achieve 85 dBA in the area covered by the speakers. Use a calibrated sound level meter to take the measurement. Amplifiers should be set to provide an average of 85 dBA + 1.5 dB throughout each seating section. Coverage at 4 kHz should be no more than +/- 3 dB.
4. Record the setting of each amplifier in the Project Record Manual and keep backup copies of the data file on disk.
5. After setting the amplifier level for each system, play a pink noise signal over the speakers and walk through each area. Using a sound level meter, identify any areas where the SPL changes by more than 3 dB.

H. Video System and Projector Adjustment:

1. Provide temporary video and XGA resolution computer graphic sources for testing of display.
2. Connect temporary sources to each input and confirm proper resolution and display.
3. Adjust lenses to fully fill screen with the projected image, with no exposed screen edges.
4. Adjust contrast, keystone, brightness and color for artifact free display from all inputs.
5. Test and confirm proper remote control functions from the handheld remote.
6. Measure and record visual carrier at each TV drop outlet. Rework as required to meet performance specifications.
7. Visually inspect each display for proper function and ensure display is free of artifacts. Correct anomalies.

3.4 TEST EQUIPMENT

A. Provide the following equipment on site for final acceptance testing. Test equipment to be available for the entire period through final system acceptance unless noted. Prior to start of testing, provide a list to the Owner of test equipment make and model numbers that will be used.

1. Dual-trace Oscilloscope: 100 MHz bandwidth, 1 mV/cm sensitivity.
2. Sound Level Meter: ANSI S1.4-1971 Type SIA with digital or analog display. Meter to provide ranges of 40 to 120 dBA.
3. Pink Noise Source: Equal energy per octave bandwidth 20 Hz to 20,000 Hz, ?1 dB (long-term average) at 0 dBm output.
4. Impedance Meter: Capable of testing audio lines at a minimum of three frequencies between 250 Hz and 4K Hz. Measurement range 1 ohm to 100K ohms.
5. Multimeter: Measurement range DC to 20D Hz, 100 mV to 300 V.10 mA to 10 A.
6. Audio Oscillator: Bandwidth 20 Hz to 20K Hz + 1 dB at 0 dBm output. Output to be balanced.
7. Oscillator to include adjustable output level.
8. Broadband RF Analyzer: WaveTek.
9. Video Analyzer: Sencore SL753D.

10. Ladders and scaffolding necessary to inspect ceiling mounted equipment, speakers, and clusters.
- B. The following procedures will be performed by the Provider on each system:
1. Audio fidelity test: Drive the system with pink noise and measure the frequency response in each 1/3 octave band from 40 Hz to 16k Hz. Use 1/6 octave, 1/3 octave, or parametric filters to adjust the response of the system to fit the requirements of the space.
 2. Control functions shall be checked for proper operation, from controlling devices to controlled devices.
 3. Video systems shall be checked for proper operation and visual quality. All video displays shall be free of hum, distortion, and detrimental artifacts.
 4. Adjust, balance, and align equipment for optimum quality and to meet the manufacturer's published specifications. Establish and mark normal settings for each level control, and record these settings in the System Operation and Maintenance Manual.
 5. Inventory installed and loose equipment to confirm correct quantity.
 6. Any other tests on any piece of equipment or system deemed necessary.
- C. In the event the need for further adjustment or work becomes evident during equalization or acceptance of testing, the Provider will continue his work until the system is acceptable at no additional cost to the Owner. If the project schedule is delayed because of defective equipment, or because of failure of equipment or installation of equipment to meet the requirements of this Specification, the Provider may be subject to Liquidated Damages per the Agreement for Services Section 9a.

3.5 INSTRUCTION OF OWNER PERSONNEL

- A. Provide 8 hours instruction to Owner designated personnel on the use and operation of the System, scheduled as two separate sessions, by an instructor fully knowledgeable and qualified in system operation. The System Reference Manuals should be complete and on site at the time of this instruction.

PREVAILING WAGE RATES

County	Trade	Job Classification	Wage	Holiday	Overtime
King	Electrical Fixture Maintenance Workers	Journey Level	\$27.24	5L	1E
King	Electricians - Inside	Cable Splicer	\$69.77	7C	4E
King	Electricians - Inside	Cable Splicer (tunnel)	\$74.95	7C	4E
King	Electricians - Inside	Certified Welder	\$67.41	7C	4E
King	Electricians - Inside	Certified Welder (tunnel)	\$72.37	7C	4E
King	Electricians - Inside	Construction Stock Person	\$37.94	7C	4E
King	Electricians - Inside	Journey Level	\$65.05	7C	4E
King	Electricians - Inside	Journey Level (tunnel)	\$69.77	7C	4E
King	Electronic Technicians	Journey Level	\$31.00		1
King	Telecommunication Technicians	Journey Level	\$22.76		1

See <http://lni.wa.gov/prevailingwage/BenCodes/20152/BenefitCodes.asp> for benefit key codes.

**GENERAL CONTRACTOR'S PLANS
(FOR REFERENCE ONLY)**

For Reference Only, Not Part of AG-S-093 (AV Service Agreement)

AUBURN COUNCIL CHAMBER REMODEL

ARCHITECT

DAVID A. CLARK ARCHITECTS, PLLC
 Dave Clark, AIA, Project Manager
 33011 134th Ave. SE
 Auburn, WA 98092
 Tel 253 351-8811
dclark@clarkarchitects.com

OWNER

CITY OF AUBURN
 Nancy Backus, Mayor
 Dana Hinman, Director of Administration
 25 West Main Street
 Auburn, WA 98001

ELECTRICAL ENGINEER

AWA ELECTRICAL CONSULTANTS, INC.
 BRAD ADCOCK PE, PRINCIPAL
 19015 36th Avenue W, Suite E
 Lynnwood, WA 98036
 Tel 425 775-1799
brad@awaelec.com

MECHANICAL ENGINEER

CEGG ENGINEERING, LLC
 GOREN HATTATOGLU PE, PROJECT MANAGER
 2101 9th Avenue, Suite 215
 Seattle, WA 98121
 Tel 206-223-6441
goren@cegginc.com

GENERAL NOTES

1. GENERAL REQUIREMENTS: CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL EXISTING OR NEW STRUCTURAL MEMBERS DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT OF ALL FIELD CHANGES PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO THE 2012 INTERNATIONAL BUILDING CODE, CITY LAND USE CODE AND APPLICABLE MECHANICAL AND ELECTRICAL CODES, ALL AS MODIFIED BY LOCAL ORDINANCE.
3. CONTRACTOR SHALL CLEANUP DEBRIS AND HAUL AWAY ON A CONTINUOUS BASIS. ALL CONSTRUCTION WASTE/DEBRIS SHALL BE DISPOSED OF AT AN APPROVED OFF-SITE LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL DISPOSAL FEES.
4. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE (ABOVE OR BELOW GRADE) TO THIS FACILITY DURING CONSTRUCTION WHICH IS A RESULT OF CONSTRUCTION ACTIVITY.
5. PLANS ARE NOT TO BE SCALED IF A DIMENSIONAL DISCREPANCY EXISTS. CONTRACTOR TO NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH THE WORK AFFECTED.
6. CONTRACTOR SHALL BARRICADE AREAS FROM PUBLIC ACCESS WHERE OVERHEAD WORK IS BEING COMPLETED IN ACCORDANCE WITH LOCAL CODES & ORDINANCES.
7. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING JURISDICTIONS AS REQUIRED FOR INSPECTIONS AND SHALL PAY INSPECTION FEES ASSOCIATED WITH THE WORK.
8. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.
9. UNLESS STATED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHOWN ON THE PLANS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
10. SAFETY: EACH CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL REQUIRED AND NECESSARY SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES AND PROCEDURES REQUIRED TO PERFORM THE WORK.
11. EACH CONTRACTOR SHALL VERIFY AND CONFIRM ALL DIMENSIONS AND CONDITIONS SHOWN OR IMPLIED, EXISTING CONDITIONS AND PHYSICAL CONDITIONS OF THE SITE PRIOR TO ANY WORK. BEGINNING ANY PORTION OF THE CONSTRUCTION WORK INDICATES ACCEPTANCE AND RESPONSIBILITY FOR THE EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING THE WORK.

GENERAL INFORMATION

BUILDING ADDRESS: 25 WEST MAIN STREET
 PARCEL #: 78162000060

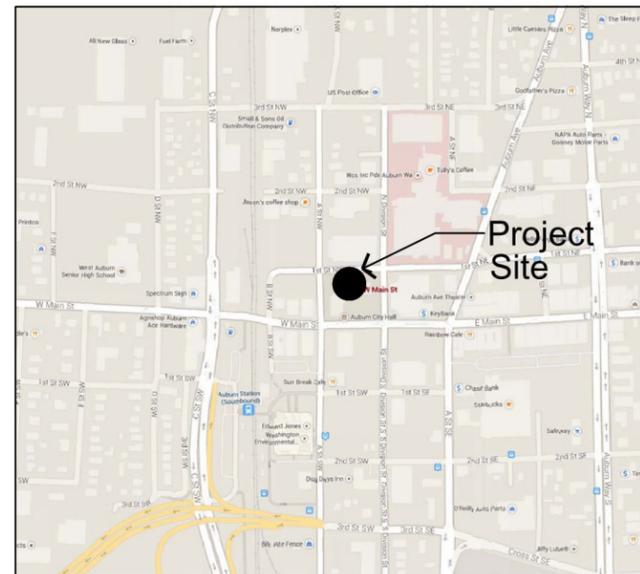
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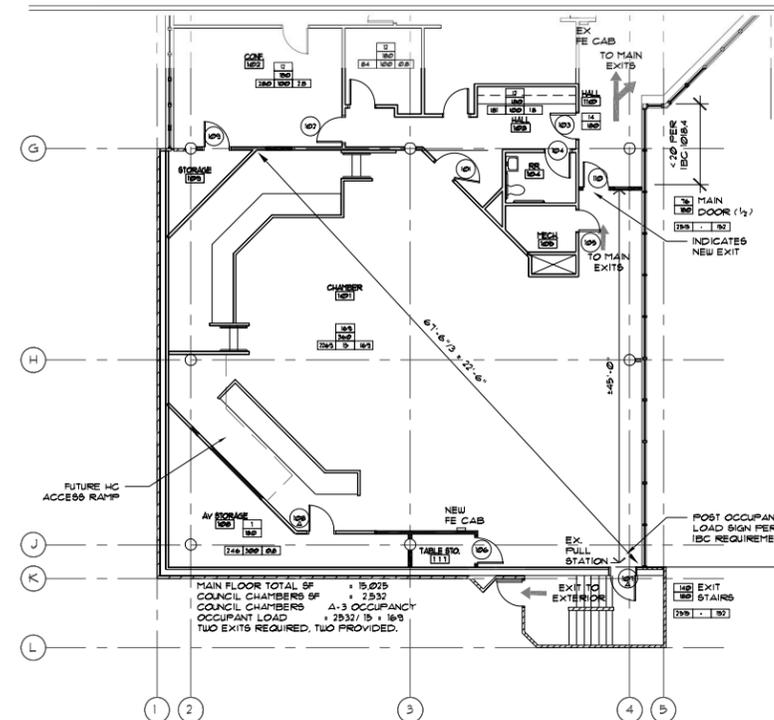
CODE CHECK LEGEND

X	NUMBER OF PERSONS USING EXIT
X	EXIT CAPACITY (INCHES)
A	AREA (SF)
B	OCC. LOAD FACTOR
C	OCCUPANT LOAD

VICINITY MAP



CODE CHECK PLAN



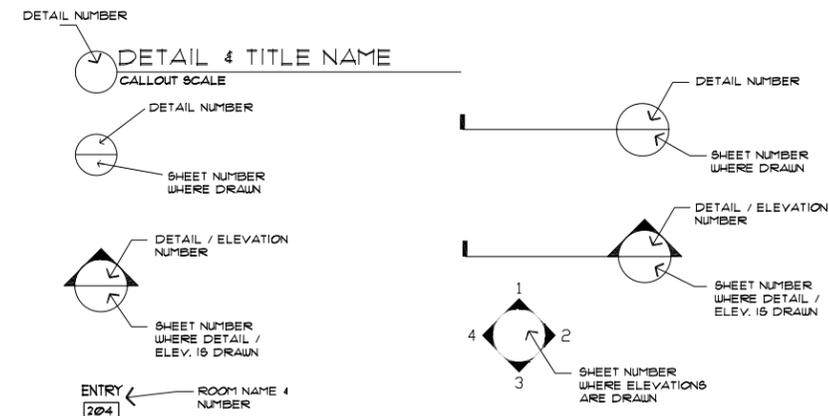
ABBREVIATIONS

(NOTE: UNLESS NOTED OTHERWISE ON SHEET).

ADJ	ADJUSTABLE OR ADJACENT	HR	HANDRAIL
AHJ	AUTHORITY HAVING JURISDICTION	HT	HEIGHT
AFF	ABOVE FINISH FLOOR	INT	INTERIOR
AVG	AVERAGE	INSUL	INSULATION
BLKG	BLOCKING	LP	LANDSCAPE PLANTER
B.O.	BOTTOM OF	MAX	MAXIMUM
CB	CATCH BASIN	MFG	MANUFACTURER
CJ	CONTROL JOINT	MIN	MINIMUM
CLG	CEILING	NIC	NOT IN CONTRACT
CLR	CLEAR	O/	OVER
CMU	CONCRETE MASONRY UNIT	O.C.	ON CENTER
EJ	EXPANSION JOINT	PL/PLAM	PLASTIC LAMINATE
EX	EXISTING	PT	PRESSURE TREATED
EXT	EXTERIOR	RO.	ROUGH OPENING
FD	FLOOR DRAIN	SIM	SIMILAR
FDN	FOUNDATION	STL	STEEL
FGE	FINISH GRADE ELEVATION	SUSP	SUSPENDED
FE	FIRE EXTINGUISHER	T.O.	TOP OF
FFE	FINISH FLOOR ELEVATION	TYP	TYPICAL
FTG	FOOTING	UNO.	UNLESS NOTED OTHERWISE
GLB	GLU-LAM BEAM	VB	VAPOR BARRIER
GWB	GYPSUM WALLBOARD	W/	WITH
HC	HANDICAP	WD	WOOD
HDR	HEADER	WRB	WEATHER RESISTANT BARRIER
HM	HOLLOW METAL	Ø	DIAMETER

KEY

APPLIES ONLY TO THE ARCHITECTURAL SHEETS



DRAWING INDEX

ARCHITECTURAL	A-100 GENERAL NOTES & CODE CHECK
A-101	DEMO PLAN AND DEMO REFLECTED CEILING PLAN
A-102	FLOOR PLAN AND REFLECTED CEILING PLAN
A-103	FIRST AND SECOND FLOOR REFINISH PLANS & DETAIL
A-104	INTERIOR ELEVATIONS
A-105	INTERIOR ELEVATIONS & WALL SECTION
A-106	DETAILS
A-107	DOOR SCHEDULE AND TYPES
MECHANICAL	M-100 MECHANICAL SCHEDULE, NOTES, & DETAILS
M-101	MECHANICAL FLOOR PLANS
ELECTRICAL	E-000 ELECTRICAL COVER SHEET
E-101	ELECTRICAL DEMOLITION PLANS
E-102	ELECTRICAL PLANS

DAVID A. CLARK
 ASSOCIATES, PLLC



CONTRACT

Auburn City Hall
 25 W Main St.
 Auburn, WA 98001



Auburn Council Chamber
 25 W Main St.
 Auburn, WA 98001

1014

SB

DAC

May 10, 2016

Issued for Bidding 5/10/16



General Information &
 Code Check

As Shown

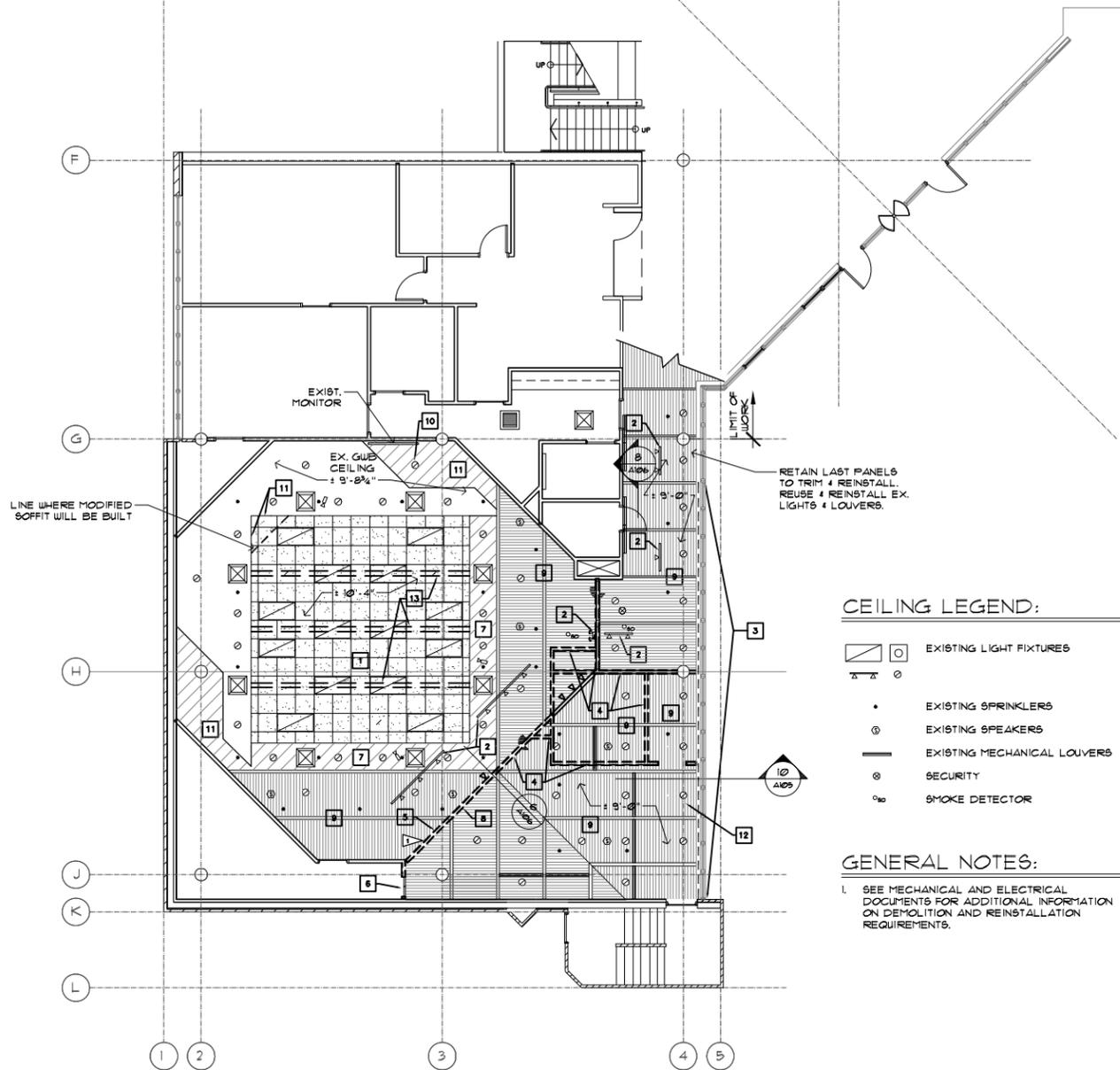
A-100

Bidding

For Reference Only, Not Part of AG-S-093 (AV Service Agreement)

DAVID A. CLARK
ASSOCIATES, PLLC

3307 15th Avenue SE
Auburn, WA 98001
TEL 253 351-8877
FAX 253 804-6566
www.ClarkArchitects.com



1 DEMOLITION REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING DEMOLITION NOTES:

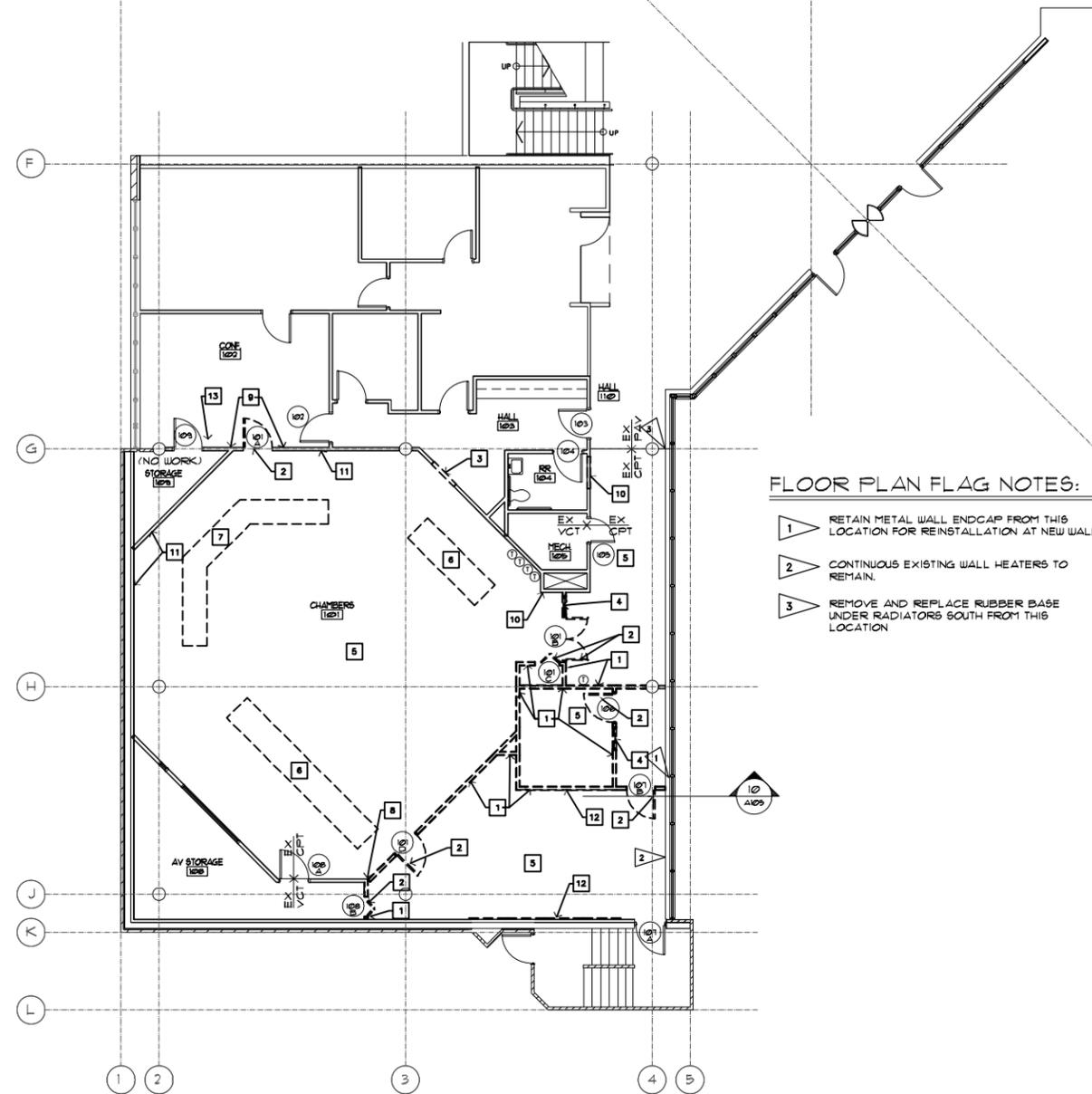
- | | |
|--|---|
| <p>1 REMOVE ALL ACOUSTICAL CEILING GRID, TILES AND LIGHTS. REMOVE PORTION OF SUSPENDED METAL GRID WHERE GUB SOFFIT WILL BE MODIFIED. REMOVE AND REINSTALL GRID WHERE NECESSARY FOR ELECTRICAL ACCESS.</p> <p>2 REMOVE CEILING MOUNTED TRACK LIGHTS AND EXIT SIGNS. RETAIN FOR REINSTALLATION PER PLANS OR RETURN TO OWNER THOSE NOT DESIGNATED FOR REUSE.</p> <p>3 REMOVE EXIST. HORIZONTAL LOUVER BLINDS. RETURN TO OWNER.</p> <p>4 REMOVE EXISTING WALLS AND SOFFITS, ALL ATTACHMENTS, AND EDGE TRIMS. COORDINATE ELECTRICAL/HVAC ELEMENTS WITH SUBCONTRACTORS.</p> <p>5 REMOVE EXIST. WALL MOUNTED EXIT SIGN. REINSTALL IN NEW LOCATION IN HALL 103.</p> <p>6 REMOVE WOOD PARTITION DOOR AND FRAMEWORK.</p> <p>7 REMOVE PORTION OF EXIST. GUB SOFFIT & FRAMING SUPPORT. REMOVE ALL ELECTRICAL, MECHANICAL, & LIFE SAFETY ITEMS. OWNER WILL REMOVE CAMERAS AND RELOCATE AV ITEMS. TEMPORARILY OR PERMANENTLY CAP DUCTS AND PIPES ABOVE CEILING. COORDINATE WITH MECHANICAL & ELECTRICAL SUBS FOR NEW INSTALLATIONS.</p> | <p>8 REMOVE TRACK AND SUPPORT STRUCTURE FOR OPERABLE WALL PANELS TO UNDERSIDE OF DECK OF FLOOR ABOVE. ATTACHMENTS EMBEDDED IN CONCRETE MAY REMAIN.</p> <p>9 REMOVE WOOD SLAT CEILING PANELS, ACOUSTICAL BATTS, MECHANICAL LINEAR LOUVERS, RECESSED LIGHTS, SPRINKLER HEADS, DIVIDER TRIM, EDGE TRIM, AND RELATED ITEMS NECESSARY FOR INSTALLATION OF NEW CEILING SYSTEM. SEE MECH. DIAGS. FOR DUCT & PIPING DEMOLITION.</p> <p>10 REMOVE AND RETAIN EXISTING DOWNLIGHT. REINSTALL AT LOUVERED SOFFIT LOCATION.</p> <p>11 REMOVE GUB AND FRAMING FROM FACE OF EXISTING SOFFIT. COORDINATED REMOVAL AND INSTALLATION OF ELECTRICAL LIGHTS, POWER, AND AV/IT. VERIFY CAPACITY OF EXISTING FRAMING TO SUPPORT ADDED SOFFIT FRAMING.</p> <p>12 REMOVE STEEL STUD FRAMING FROM UNDERSIDE OF PERIMETER BEAM AS NECESSARY FOR NEW SOFFIT FRAMING.</p> <p>13 REMOVE LINEAR PENDANT LIGHTS ABOVE EXISTING SUSPENDED CEILING. RETURN TO OWNER.</p> |
|--|---|

CEILING LEGEND:

- EXISTING LIGHT FIXTURES
- EXISTING SPRINKLERS
- EXISTING SPEAKERS
- EXISTING MECHANICAL LOUVERS
- SECURITY
- SMOKE DETECTOR

GENERAL NOTES:

1. SEE MECHANICAL AND ELECTRICAL DOCUMENTS FOR ADDITIONAL INFORMATION ON DEMOLITION AND REINSTALLATION REQUIREMENTS.



2 DEMOLITION FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN DEMOLITION NOTES:

- | | |
|---|--|
| <p>1 REMOVE EXISTING METAL STUD WALLS w/ GUB EA. SIDE. INCLUDE DEMO OF BASE, TRIM, SUSPENDED CEILING ANGLE & MISCELLANEOUS ITEMS NECESSARY FOR FULL WALL REMOVAL. COORDINATE WITH ELECTRICAL SUB-CONTRACTOR FOR REMOVAL AND/OR RELOCATION OF OUTLETS, SWITCHES, CONDUIT, ETC. RETURN EXIT SIGNS TO OWNER. COORDINATE AV/IT ITEMS WITH CITY.</p> <p>2 REMOVE WOOD DOORS & METAL FRAMES, STOPS, ATTACHMENTS, AND RELATED ITEMS. WHERE NECESSARY REMOVE ADJACENT GUB TO NEXT AVAILABLE STUD FOR CLEAN LINE ATTACHMENT OF INFILL FRAMING. DOOR FRAME, AND GUB, COORDINATE WITH ELECTRICAL SUB-CONTRACTOR FOR REMOVAL AND/OR RELOCATION OF OUTLETS, SWITCHES, CONDUIT, ETC.</p> <p>3 REMOVE EX. METAL STUD WALLS w/ GUB EACH SIDE. INCLUDE DEMO OF BASE, TRIM, AND MISCELLANEOUS ITEMS NECESSARY FOR INSTALLATION OF NEW DOOR. REMOVE ADJACENT GUB TO NEXT AVAILABLE STUD (MIN) FOR CLEAN LINE ATTACHMENT OF INFILL FRAMING, DOOR FRAME, AND GUB, COORDINATE WITH ELECTRICAL SUB-CONTRACTOR FOR REMOVAL AND/OR RELOCATION OF OUTLETS, SWITCHES, CONDUIT, ETC.</p> <p>4 REMOVE METAL RELITE FRAMES AND GLAZING AS PART OF WALL REMOVAL. RETURN TO OWNER.</p> <p>5 REMOVE EXISTING CARPETING, RUBBER BASE, AND MISCELLANEOUS ITEMS NECESSARY FOR SMOOTH, EVEN FLOOR REQUIRED FOR INSTALLATION OF NEW CARPET AND BASE.</p> | <p>6 REMOVE EXISTING STAFF DESKS. DETACH FROM FLOOR TIE-DOWNS. COORDINATE DISCONNECT AND REMOVAL OF ELECTRICAL AND IT ITEMS WITH ELECTRICAL SUB-CONTRACTOR AND OWNER'S IT/AV REPRESENTATIVE.</p> <p>7 DEMO AND REMOVE COUNCIL DESK. DETACH FROM FLOOR TIE-DOWNS. COORDINATE DISCONNECT AND REMOVAL OF ELECTRICAL AND AV/IT ITEMS WITH ELECTRICAL SUBCONTRACTOR AND OWNER.</p> <p>8 REMOVE WOOD CORNER PANEL, GUB & TRIM NECESSARY FOR INSTALLATION OF NEW WALLS. REMOVE ANY PORTION OF OPERABLE WALL TRACK.</p> <p>9 REMOVE (2) SECTIONS OF WAINGSCOT WOOD TRIM ON EACH SIDE OF DOOR TO BE REMOVED.</p> <p>10 REMOVE GUB FROM THIS WALL FOR WALL REMOVAL AND/OR ADDITION AND RELOCATION OF ELECTRICAL ITEMS.</p> <p>11 EXPOSE ELECTRICAL OUTLETS AS NECESSARY TO RELOCATE ELECTRICAL UNDER NEW PLATFORM TO DESK LOCATIONS.</p> <p>12 REMOVE EXIST. WALL PANELS, WHITEBOARDS, ETC. AND ATTACHMENTS.</p> <p>13 REMOVE & RETAIN EXIT, SUSPENDED ACOUSTICAL PANELS AND GRID AS NECESSARY FOR MECHANICAL DUCT MODIFICATIONS. REINSTALL AFTER WORK COMPLETION. REPLACE TO MATCH ANY THAT ARE DAMAGED IN CONST.</p> |
|---|--|

FLOOR PLAN FLAG NOTES:

- 1** RETAIN METAL WALL ENDCAP FROM THIS LOCATION FOR REINSTALLATION AT NEW WALL.
- 2** CONTINUOUS EXISTING WALL HEATERS TO REMAIN.
- 3** REMOVE AND REPLACE RUBBER BASE UNDER RADIATORS SOUTH FROM THIS LOCATION.

PROJECT
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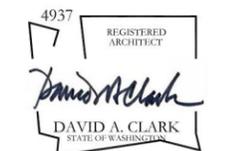
PROJECT
1014

DESIGNED BY
SB

DATE FOR BIDDING
DAC

ISSUE DATE
May 10, 2016

ISSUE FOR BIDDING DATE
Issued for Bidding 5/10/16



ISSUE TITLE
Demolition plans

SCALE
1/8" = 1'-0"

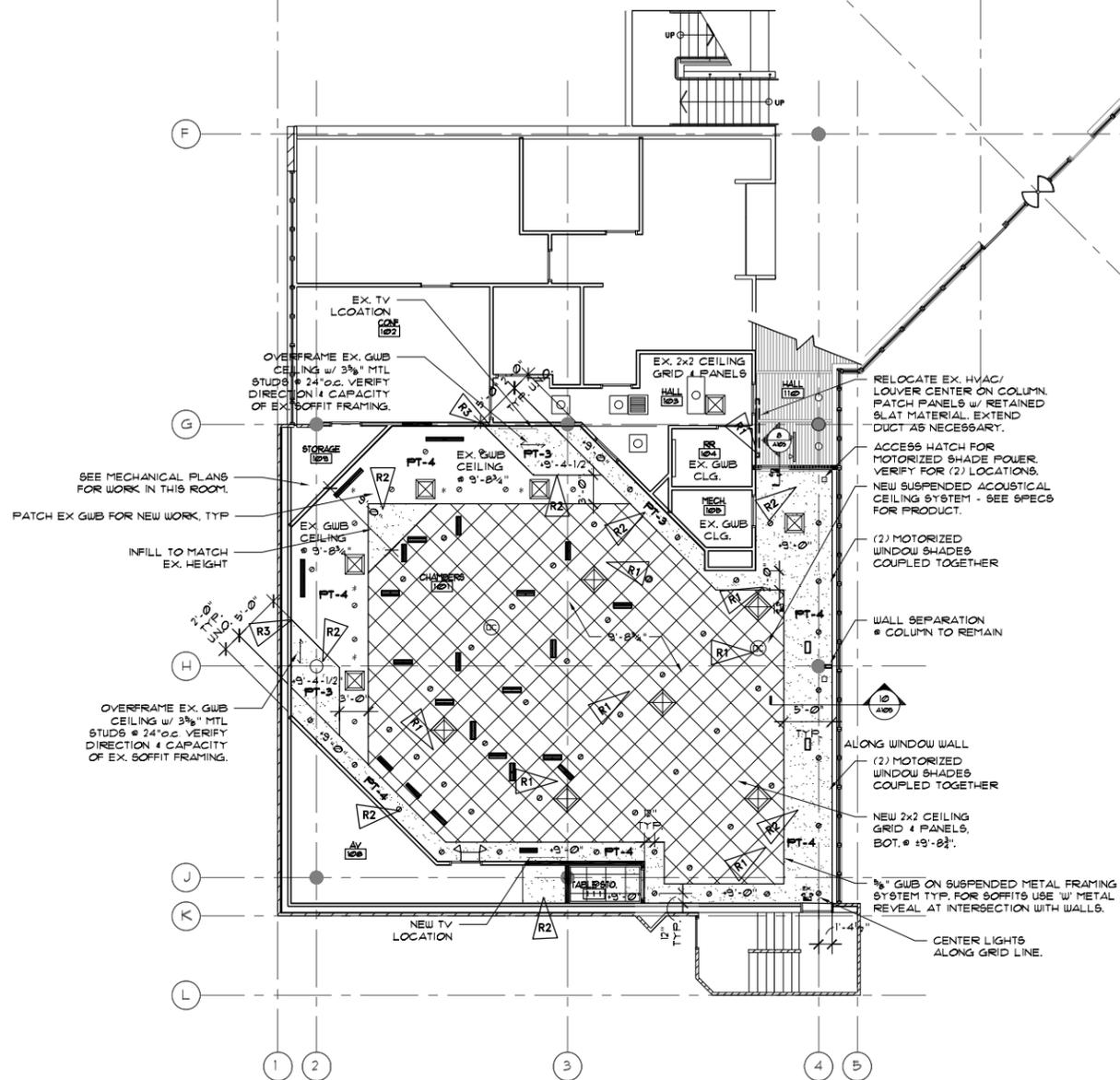
DATE OF REVISION
A-101

DATE OF REVISION
Bidding

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DAVID A. CLARK
ASSOCIATES, PLLC

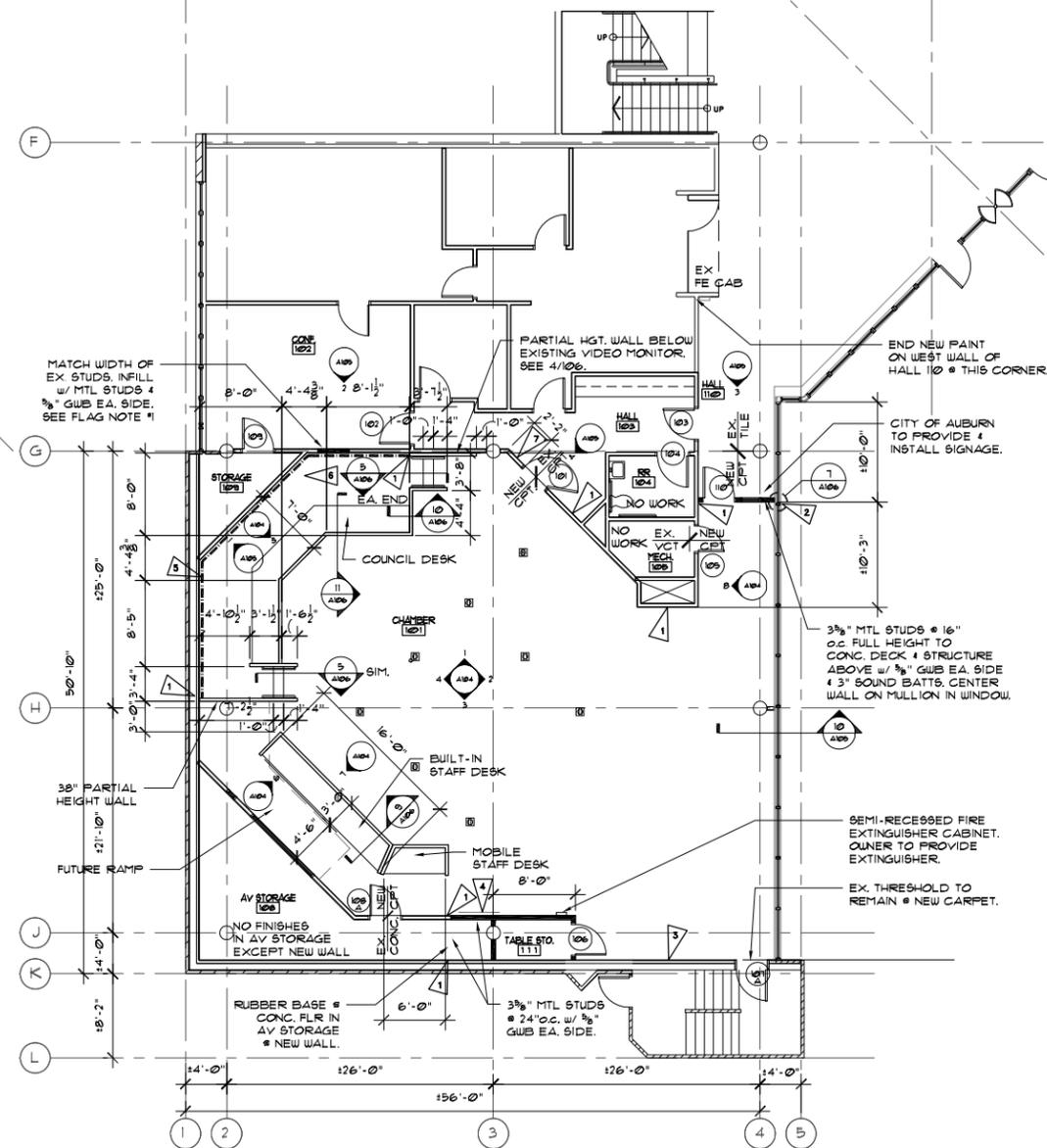
3301 11th AVENUE SE
AUBURN, WASHINGTON
TEL 253 351-8877
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www.ClarkArchitects.com



1 REFLECTED CEILING PLAN
1/8" = 1'-0"

FLAG NOTES:

- R1 EXTEND AND RECONNECT EXISTING DUCTWORK FROM DEMO'D LOUVER LOCATION TO NEW LOUVERS. SEE MECHANICAL DRAWINGS.
- R2 INSTALL NEW SUSPENDED GUB CEILING IN CONJUNCTION WITH ADJACENT SUSPENDED GUB CEILING w/ HAT CHANNELS. PROVIDE CORNERS AND/OR FEATHER NEW INTO EXISTING MINIMUM OF 4". TEXTURE TO MATCH ADJACENT. SEE ELECTRICAL DIAGS. FOR LIGHTING INFORMATION.
- R3 FABRIC COVERED ACOUSTICAL WALL PANELS. ALIGN OUTER EDGE WITH DROPPED CEILING ABOVE AT COUNCIL DESK.



2 FLOOR PLAN
1/8" = 1'-0"

FLAG NOTES:

- 1 INSTALL NEW GUB IN CONJUNCTION WITH ADJACENT EXISTING GUB. PROVIDE CORNER AND/OR FEATHER NEW INTO EXISTING MIN. 4" OR NEXT ADJACENT STUD. TEXTURE TO MATCH ADJACENT. SEE ELECTRICAL DRAWINGS FOR ITEMS INSTALLED IN EXISTING OPEN FRAMING.
- 2 REINSTALL EX. WALL END CAP AT NEW LOCATION. SEE DETAIL ---.
- 3 REFINISH, RETEXTURE, AND PAINT EXISTING GUB.
- 4 NEW VIDEO MONITOR AND SUPPORT BRACKET SUPPLIED & INSTALLED BY OWNER CONTRACTOR TO PROVIDE BACKING POWER, & ACCESS FOR DATA. SEE ELECTRICAL DRAWINGS.

LEGEND

- EXISTING DUPLEX RECEPTACLE. FLOOR MOUNTED
- EXISTING SPRINKLER HEAD. BIDDER DESIGN OTHER HEAD LOCATIONS. PROVIDE TO ARCHITECT FOR APPROVAL.

GENERAL NOTES:

1. CITY OF AUBURN WILL OBTAIN & PAY FOR A RIGHT OF WAY PERMIT TO ALLOW FOR PLACEMENT OF A CONSTRUCTION DUMPSTER AT THE SITE. CONTRACTOR IS RESPONSIBLE FOR THE DUMPSTER & RELATED COSTS.
2. CONTRACTOR TO VERIFY EXISTING AS-BUILT DIMENSIONS.
3. SEE FINISH SCHEDULE/MATERIAL LIST FOR PAINT (PT) COLORS.

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4937 REGISTERED ARCHITECT
David A. Clark
DAVID A. CLARK
STATE OF WASHINGTON

Floor Plan & Reflected Ceiling Plan
1/8" = 1'-0"

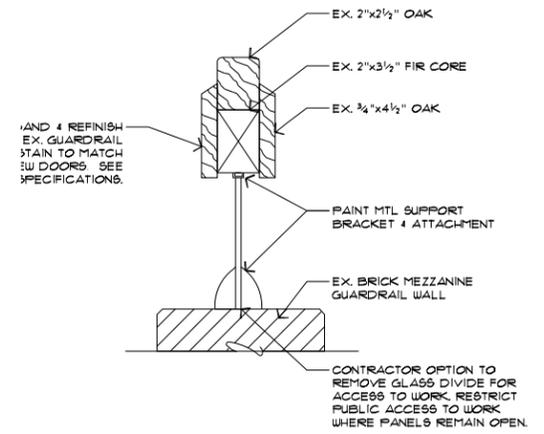
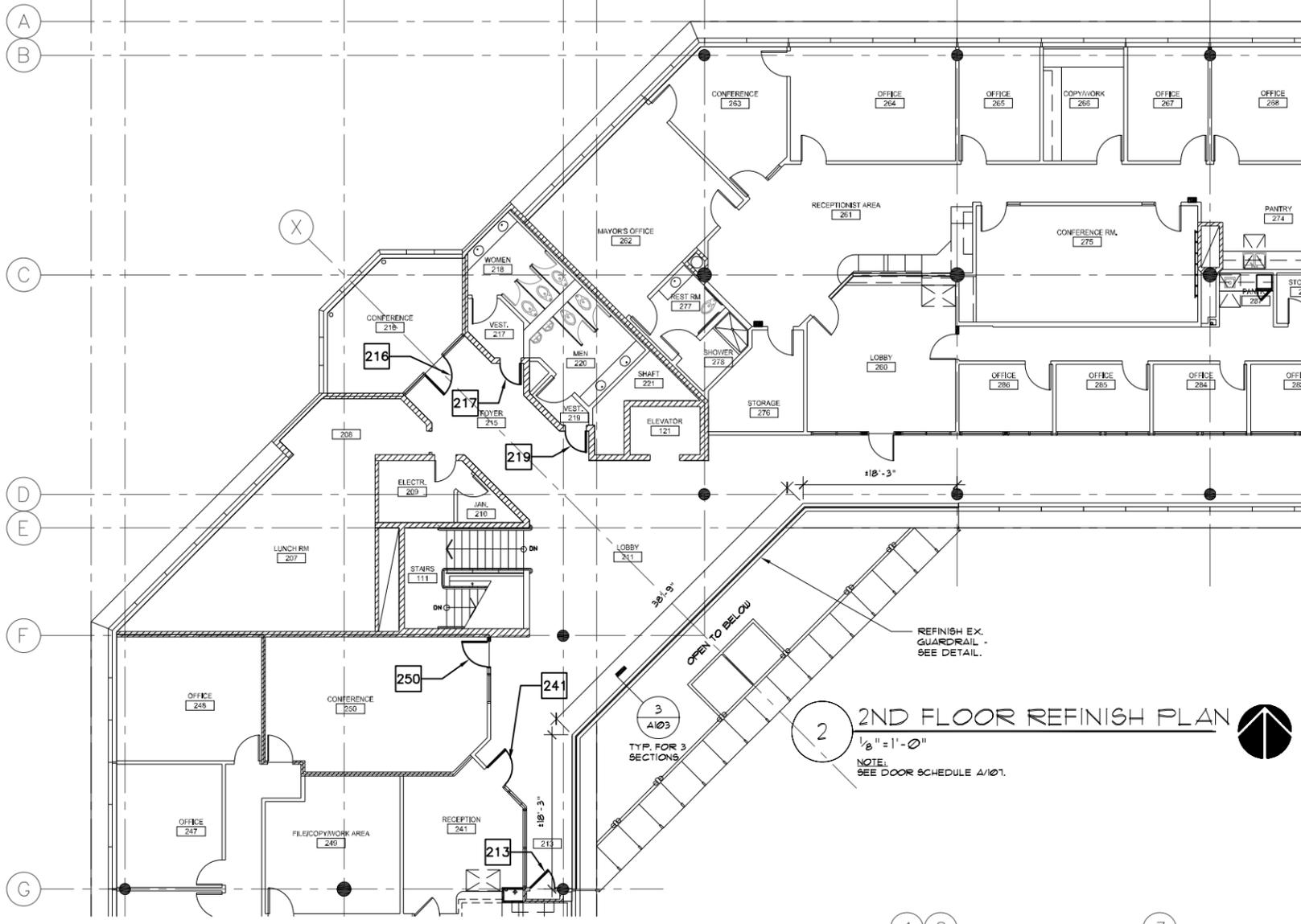
A-102

Bidding

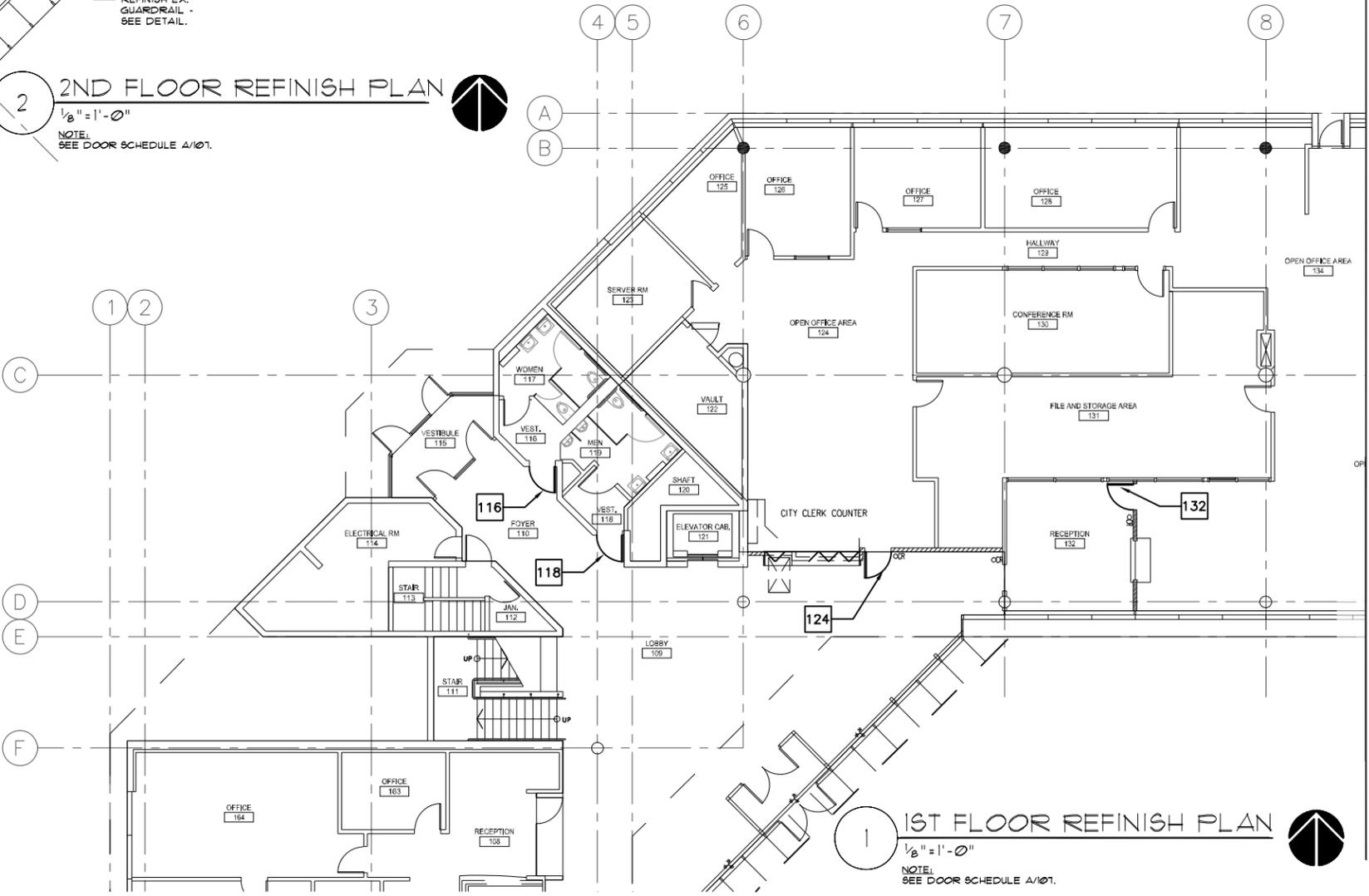
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3 EX. HANDRAIL DETAIL
3" = 1'-0"



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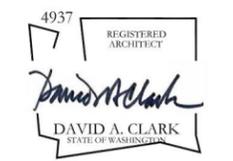
PROJECT NO.
1014

DESIGNED BY
SB

CLIENT
DAC

DATE
May 10, 2016

ISSUED FOR BIDDING DATE
Issued for Bidding 5/10/16



DESIGN TITLE
Refinish plans & Detail

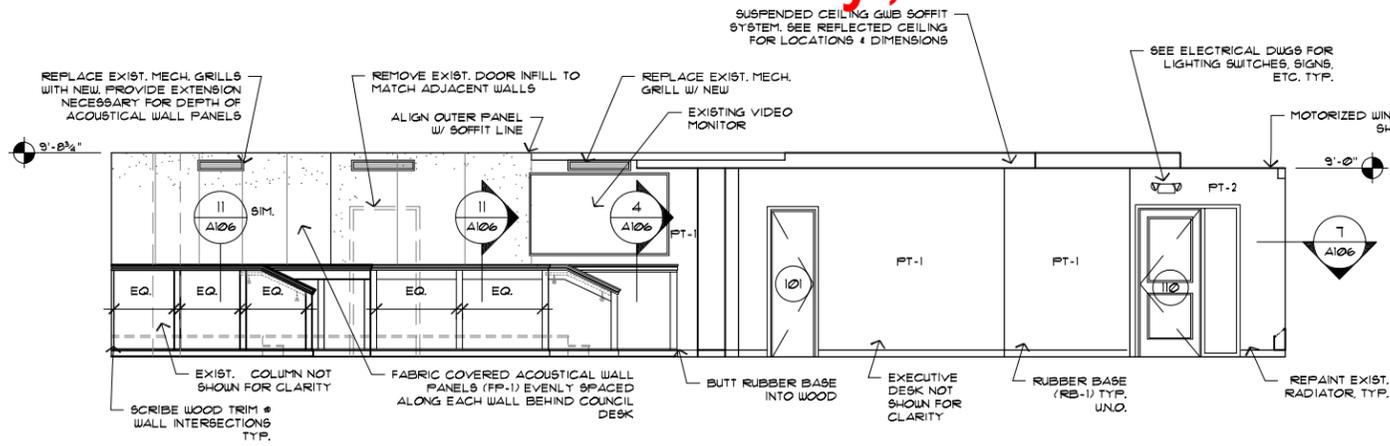
SCALE
As Shown

PROJECT NO.
A-103

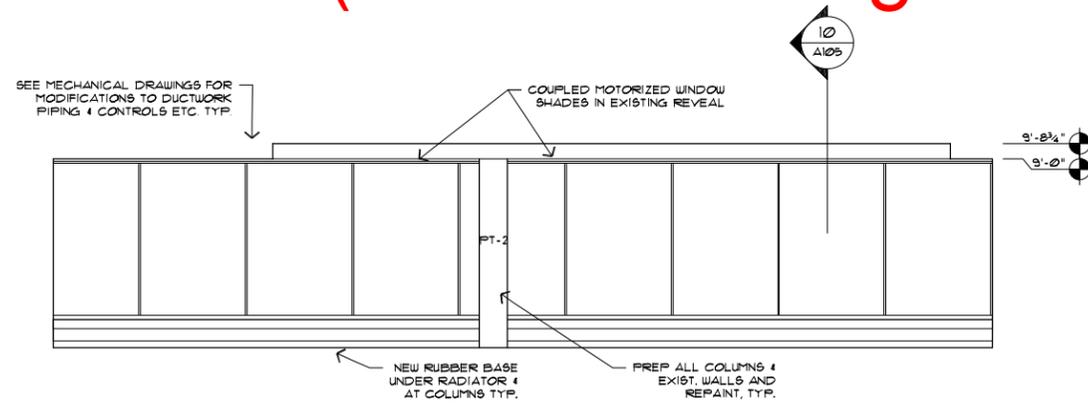
DATE FOR BIDDING
Bidding

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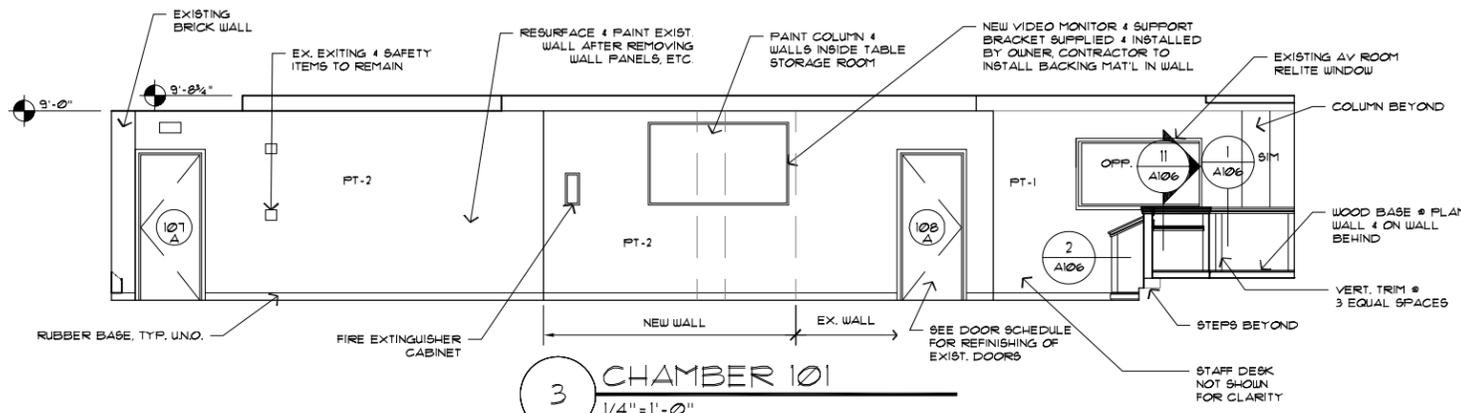
DAVID A. CLARK
ASSOCIATES, PLLC



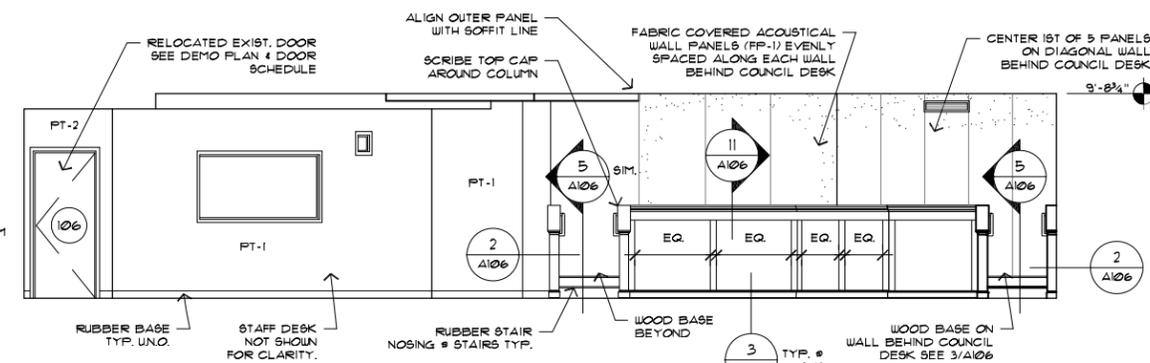
1 CHAMBER 101
1/4" = 1'-0"



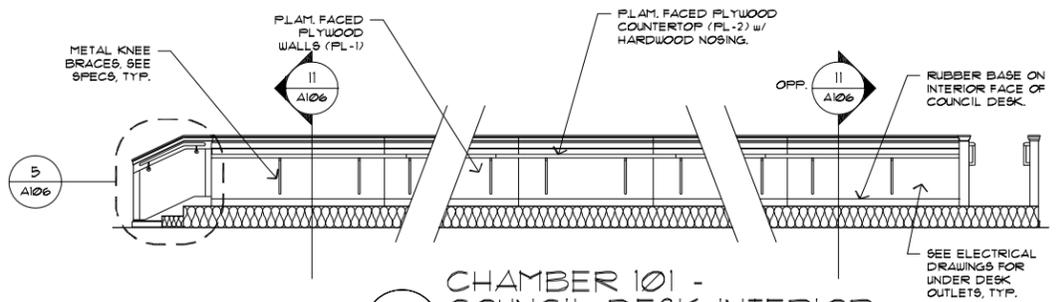
2 CHAMBER 101
1/4" = 1'-0"



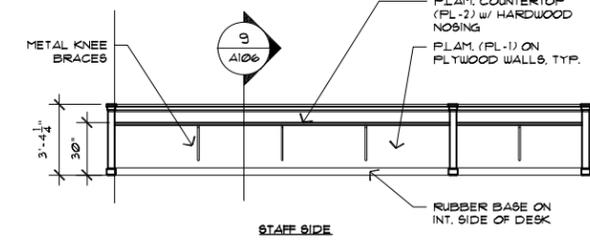
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1/4" = 1'-0"



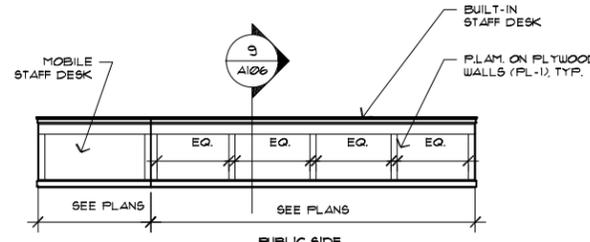
4 CHAMBER 101
1/4" = 1'-0"



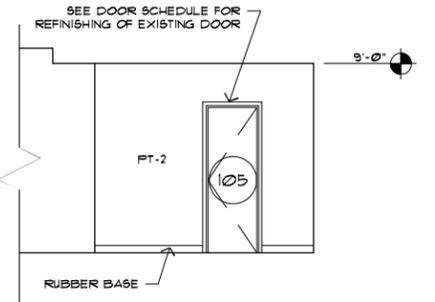
5 CHAMBER 101 - COUNCIL DESK INTERIOR
1/4" = 1'-0"



6 CHAMBER 101 - STAFF DESK
1/4" = 1'-0"



7 CHAMBER 101 - STAFF DESK
1/4" = 1'-0"



8 CHAMBER 101
1/4" = 1'-0"

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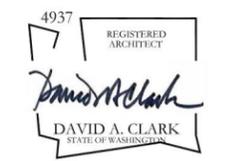
DATE
1014

DESIGN BY
SB

DATE FOR
DAC

DATE FOR
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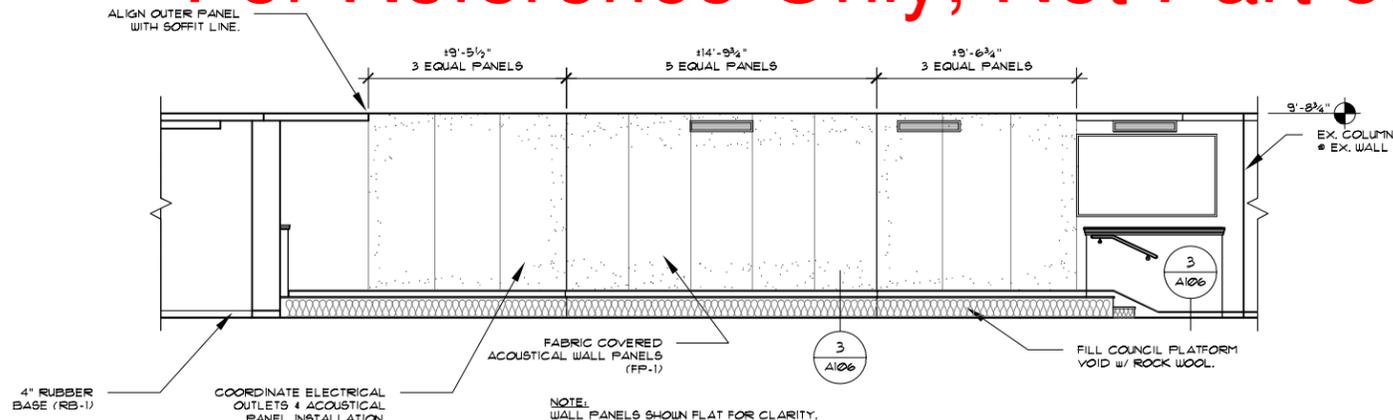
DRAWING TITLE
Interior Elevations

SCALE
1/4" = 1'-0"

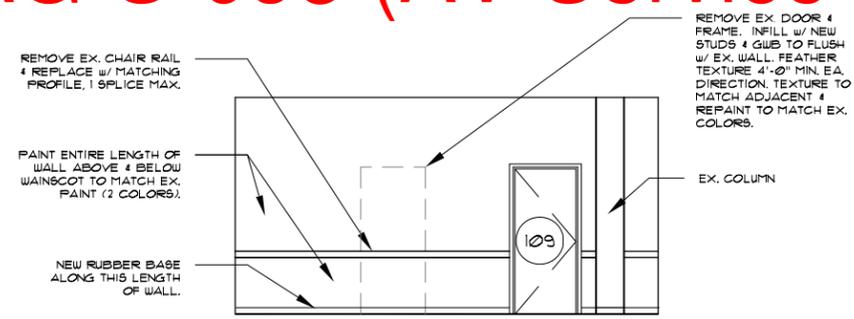
DATE OF REVISION
A-104

DATE OF REVISION
Bidding

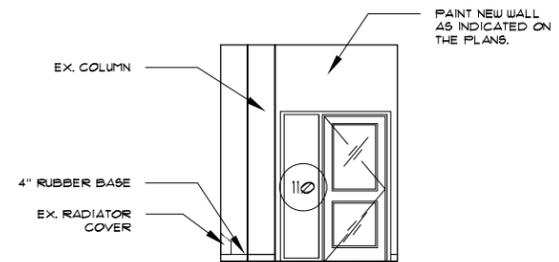
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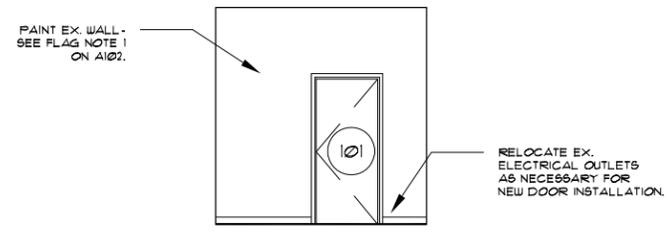
NOTE:
WALL PANELS SHOWN FLAT FOR CLARITY.
**CHAMBER 101 -
ACOUSTICAL PANELS**
1
1/4" = 1'-0"



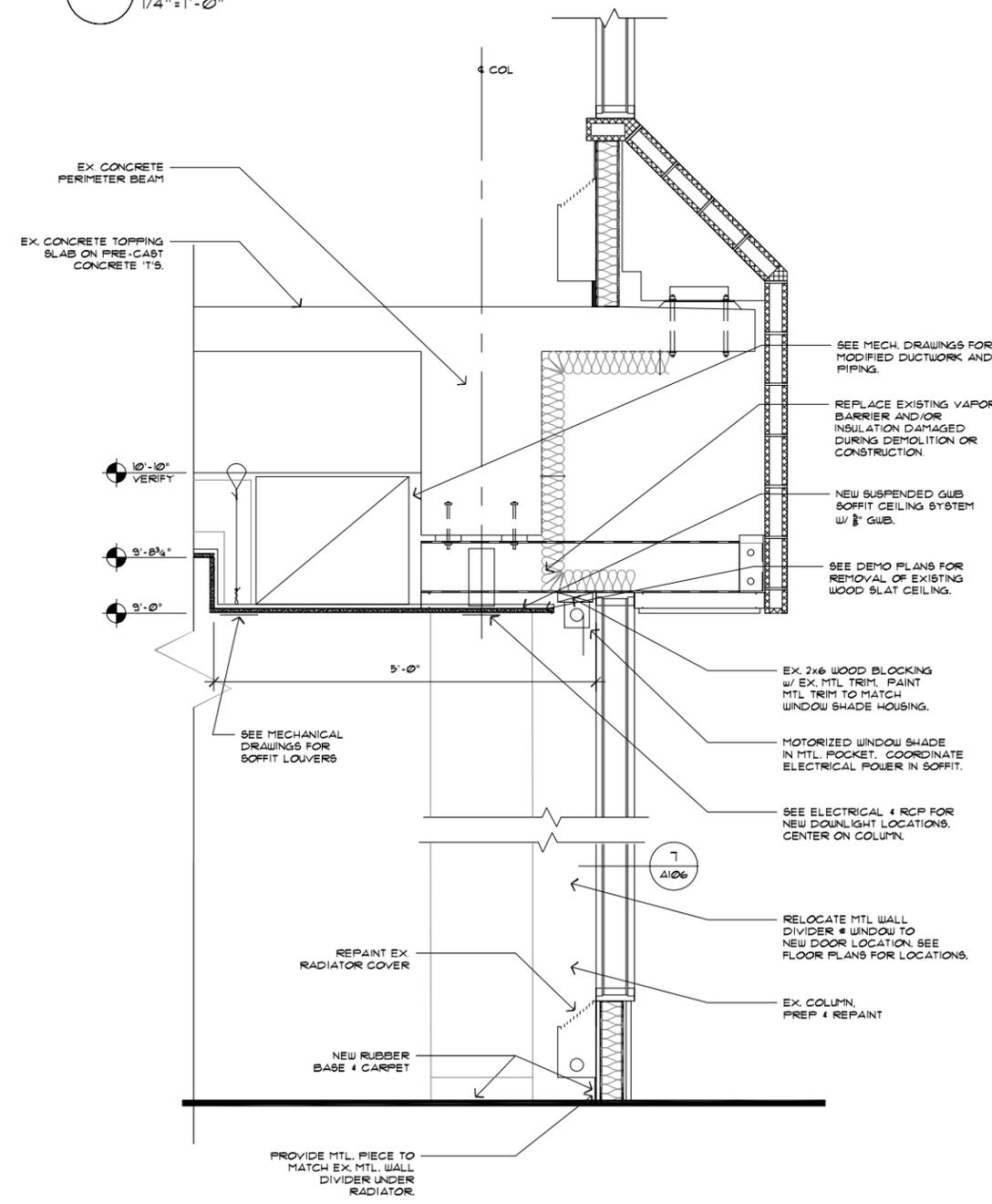
COUNCIL CONFERENCE 102
2
1/4" = 1'-0"



HALL 110
3
1/4" = 1'-0"



HALL 103
4
1/4" = 1'-0"



**SECTION THRU
EAST WINDOW WALL**
10
1" = 1'-0"

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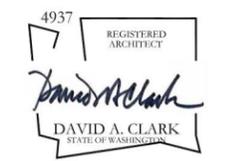


Auburn Council Chamber
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1014
SB

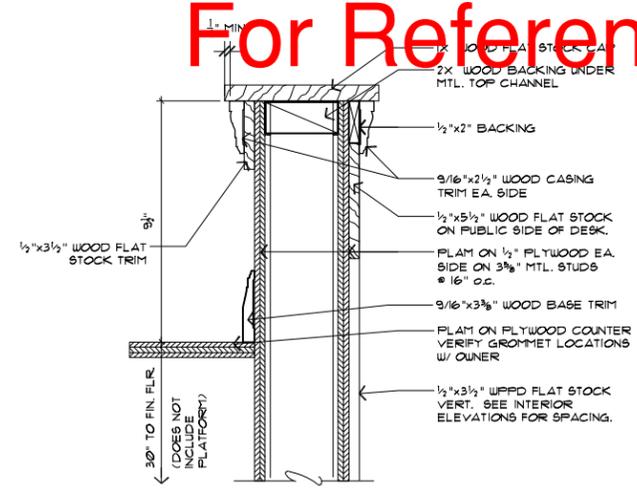
DAC
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5/10/16 Released for bidding

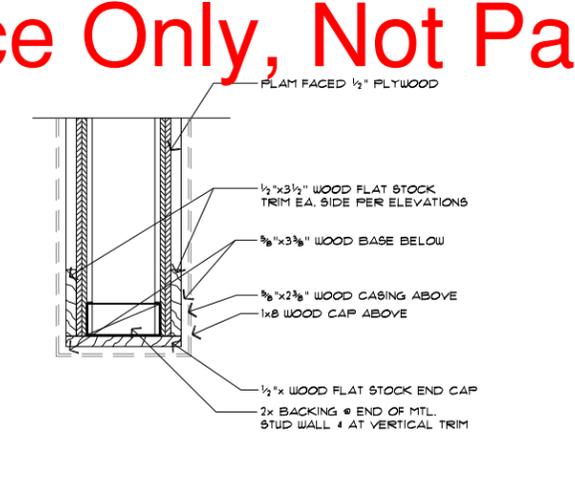


Interior Elevations &
Wall Section
As Shown
A-105
Bidding

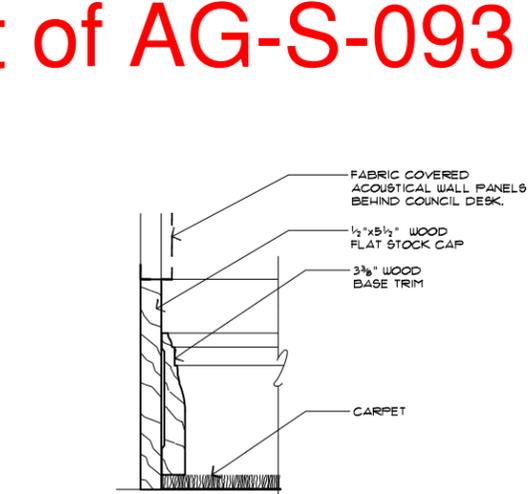
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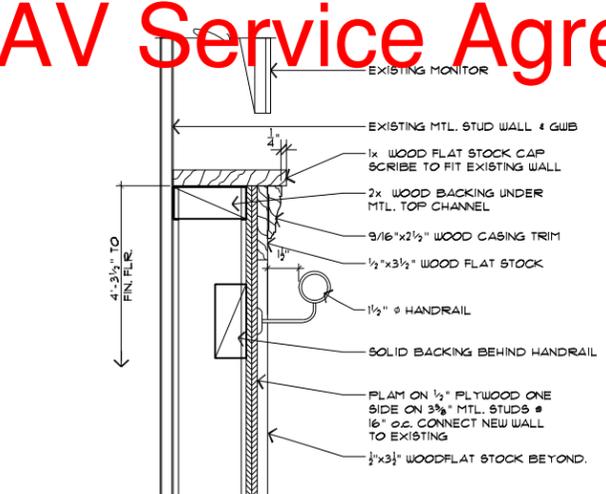
1 WALL TOP CAP DETAIL
3" = 1'-0"



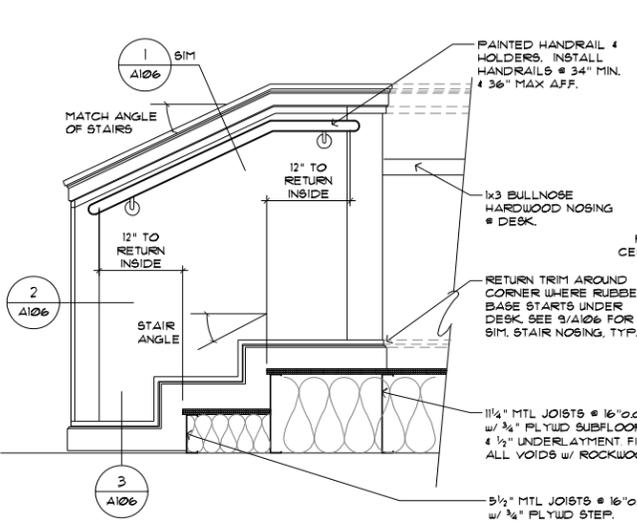
2 WALL END CAP DETAIL
3" = 1'-0"



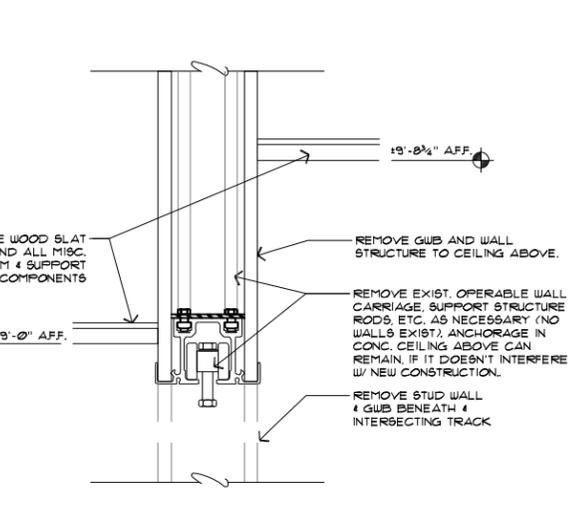
3 BASE TRIM DETAIL
6" = 1'-0"



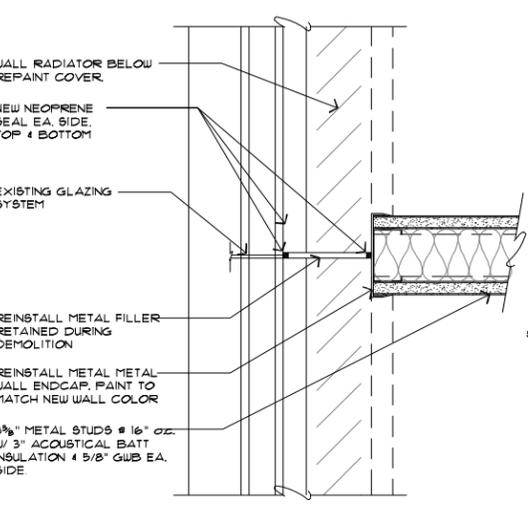
4 WALL TRIM @ MONITOR
3" = 1'-0"



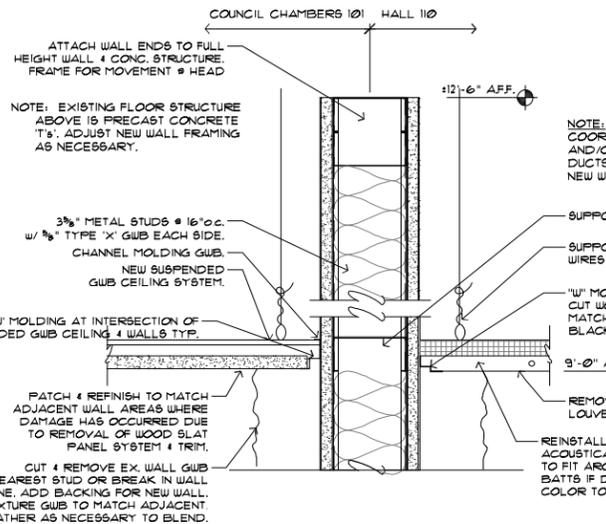
5 STAIR SECTION
1" = 1'-0"



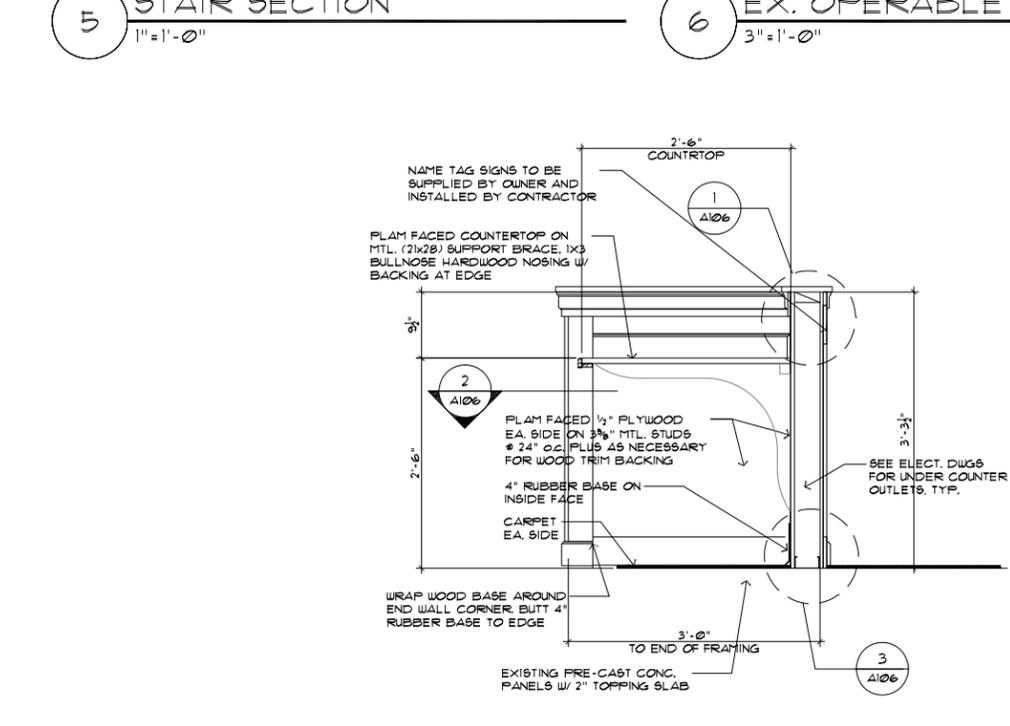
6 EX. OPERABLE WALL TRACK
3" = 1'-0"



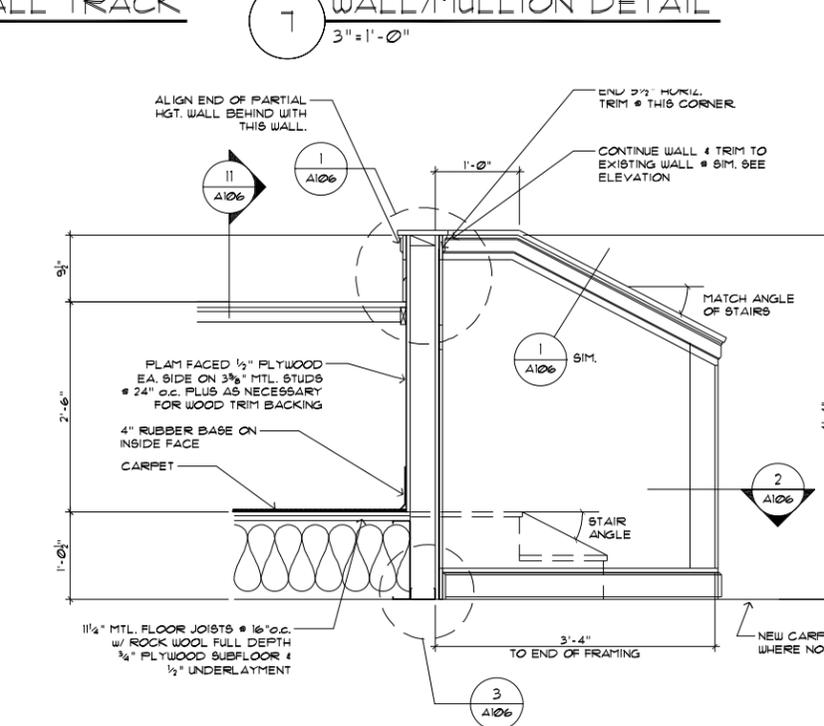
7 WALL/MULLION DETAIL
3" = 1'-0"



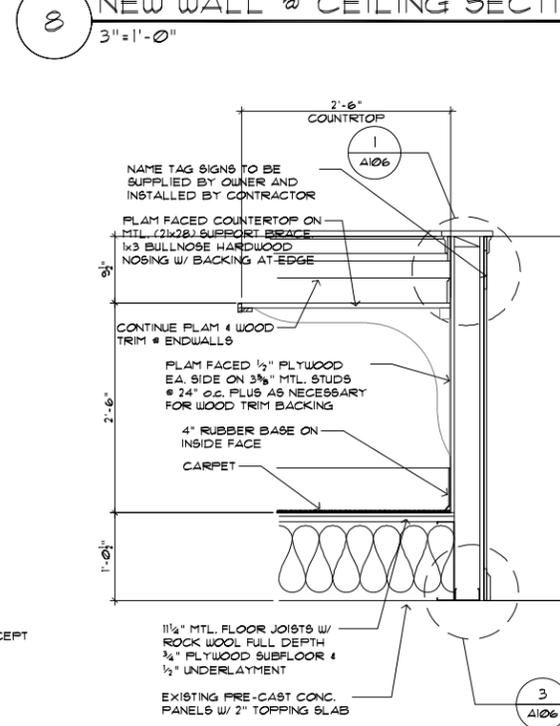
8 NEW WALL @ CEILING SECTION
3" = 1'-0"



9 STAFF & EXEC. DESK SECTION
1" = 1'-0"



10 STAIR WALL DETAIL
1" = 1'-0"



11 COUNCIL DESK SECTION
1" = 1'-0"

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Details

As Shown

A-106

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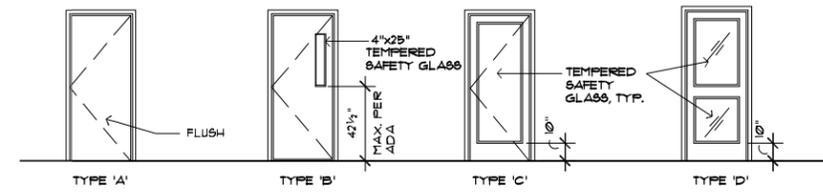
DOOR SCHEDULE

MARK	ROOM NAME	ACTIVITY	WIDTH	HEIGHT	DOOR		FRAME TYPE	HARDWARE	PANIC	CLOSER	REMARKS
					TH	TYPE					
101	CHAMBER	NEW WD	3'-0"	7'-0"	1-3/4"	A	1	1	NO	YES	SEE SPECS FOR HARDWARE.
101A	CHAMBER	REMOVE				-	-				
101B	CHAMBER (PAIR)	REMOVE				-	-				
101C	CHAMBER	REMOVE				-	-				
101D	CHAMBER	REMOVE				-	-				
102	CONFERENCE	EX.				A	1				NO WORK
103	HALL 103	EX.				A	1				REPAINT HALL SIDE OF FRAME
104	RESTROOM	EX.				A	1				NO WORK
105	MECHANICAL	EX.				A	1				REFINISH DOOR, REPAINT FRAME.
106	TABLE STORAGE	RELOCATE FROM STO. 106.				A	1	REVERSE LOCKSET			REFINISH DOOR, REPAINT FRAME.
107A	CHAMBERS	EX. HM				A	1				REPAINT INTERIOR DOOR, REPAINT FRAME.
107B	CONFERENCE	REMOVE				-	-				
108A	AV	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
108B	AV	REMOVE				-	-				
109	STORAGE	EX. WD				-	-				NO WORK
110	CHAMBERS	NEW WD	3'-0"	7'-0"	1-3/4"	D	2	2	YES	YES	SEE SPECS FOR HARDWARE.
116	VESTIBULE 116	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
118	VESTIBULE 118	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
124	CITY CLERK	EX. WD				B	1				REFINISH DOOR, REPAINT FRAME.
132	RECEPTION	EX. WD				B	1				REFINISH DOOR, REPAINT FRAME.
213	STORAGE	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
216	CONFERENCE 216	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
217	FOYER 217	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
219	FOYER 219	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
241	RECEPTION 241	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.
250	CONFERENCE 250	EX. WD				A	1				REFINISH DOOR, REPAINT FRAME.

NOTE: REFINISH BOTH SIDES OF EXISTING DOOR, JAMBS & HEAD UNLESS NOTED OTHERWISE.

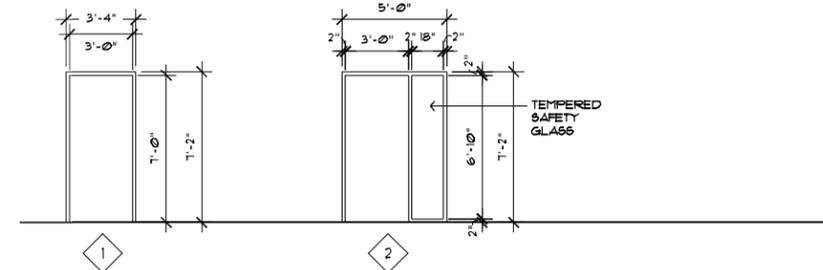
DOOR TYPES

SCALE: 1/4"=1'-0"



DOOR FRAME TYPES

SCALE: 1/4"=1'-0"



FINISH SCHEDULE

ROOM #	ROOM NAME	WALLS							FLOORING	BASE	CEILING	BUILT-IN CABINETS		REMARKS
		N	NE	E	S	SW	W	NW				COUNTERTOP	VERT. FACE	
101	CHAMBER	FP-1	PT-1	PT-2	PT-2	PT-1	FP-1	FP-1	CPT-1	RB-1	PT-3/PT-4	PL-1	PL-2	SEE INTERIOR ELEVATIONS FOR LOCATION OF FABRIC PANELS & WALL COLORS
102	CONFERENCE	EX		EX	SEE *		EX		EXIST	EXIST	EX	-	-	
103	HALL	EX		EX	EX		EX		EXIST	EXIST	EX	-	-	
104	RESTROOM	EX		EX	EX		EX		EXIST	EXIST	EX	-	-	
105	MECHANICAL	EX		EX	EX		EX		EXIST	EXIST	EX	-	-	
108	AV STORAGE	SEE *		SEE *	EX		EX		EXIST	EXIST	EX	-	-	
110	HALL	EX		EX	SEE *		EX		CPT-1	RB-1	SEE *	-	-	
111	TABLE STORAGE	PT-3		PT-3	PT-3		PT-3		CPT-1	RB-1	PT-3	-	-	
		* WALL AND/OR CEILING TO BE PAINTED TO MATCH EXISTING COLOR.												

MATERIAL LIST

MARK	TYPE	MFG.	STYLE / #	COLOR / #	REMARKS
CPT-1	CARPET	MOHAWK GROUP	CONNECT BT186	NESTING 7559	24"x24" TILE - INSTALL QUARTER TURN
RB-1	RUBBER BASE	BURKE	UNI-COLOR	ROCKY 660	
PT-1	PAINT	SHERWIN WILLIAMS	CL 3012W	HAILSTORM	WALL COLOR
PT-2	PAINT	SHERWIN WILLIAMS	CL 3074M	MISTRAL	ACCENT WALL COLOR
PT-3	PAINT	SHERWIN WILLIAMS	CL 3214M	WAVELENGTH	SOFFIT COLOR
PT-4	PAINT	SHERWIN WILLIAMS	CL 3176N	RACoon	SOFFIT COLOR
FP-11	FABRIC	MAHARAM	REPLY 901880	PEWTER 005	FABRIC PANELS ON CHAMBER WALLS
PL-1	P.LAM.	WILSONART	AEON 7923K-07	VERSAILLES ANIGRE	PLASTIC LAMINATE FOR COUNTERTOPS
PL-2	P.LAM.	WILSONART	4886-38	PEARL SOAPSTONE	PLASTIC LAMINATE FOR VERTICAL FACES

Auburn City Hall
25 W Main St.
Auburn, WA 98001



Auburn Council Chamber
25 W Main St.
Auburn, WA 98001

1014

SB

DAC

May 10, 2016

Issued for Bidding 5/10/16



Door Schedule & Types,
Finish Schedule

As Shown

A-107

Bidding

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MECHANICAL SYMBOLS LEGEND

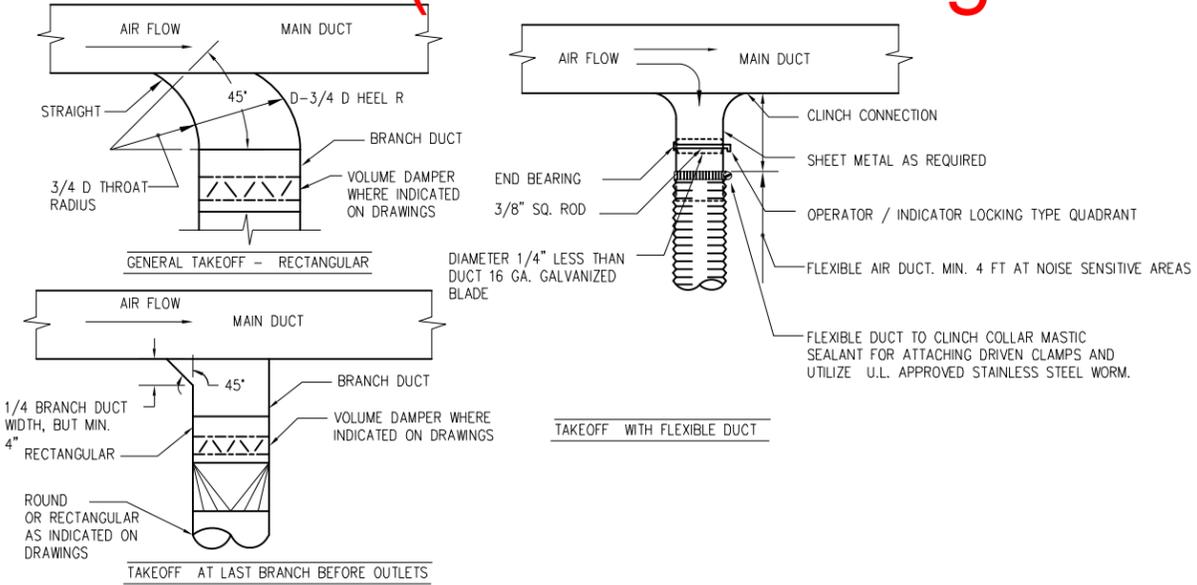
SYMBOL	ABBR.	SYMBOL	SYMBOL
			MECHANICAL EQUIPMENT
			DIFFUSER / GRILLE TAG CFM
			DETAIL NUMBER
			SHT. WHERE DETAIL IS DRAWN
			FLAG NOTE
			REVISION NOTE
			EXISTING PIPE
			LINED DUCT
	VD		VOLUME DAMPER
			REMOTE OPERATED VOLUME MOTORIZED CONTROL DAMPER
	S/FD		COMBINATION SMOKE/FIRE DAMPER
	FD		FIRE DAMPER
	SD		SMOKE DAMPER
	BDD		BACKDRAFT DAMPER
			FLEX CONNECTION
			TURNING VANES
			FLEX DUCT
			SUPPLY DUCT
			RETURN OR EXHAUST DUCT
			RETURN OR EXHAUST GRILLE
			THERMOSTAT, MOUNT @ 4'-6" A.F.F.
			TEMPERATURE SENSOR
	AFF		ABOVE FINISHED FLOOR
	NTS		NOT TO SCALE
	AP		ACCESS PANEL
	EX		EXISTING
	CX		CONNECT TO EXISTING
	SS		STAINLESS STEEL
	OBD		OPPOSED BLADE DAMPER
	GSM		GALVANIZED SHEET METAL

ENERGY CODE NOTES:

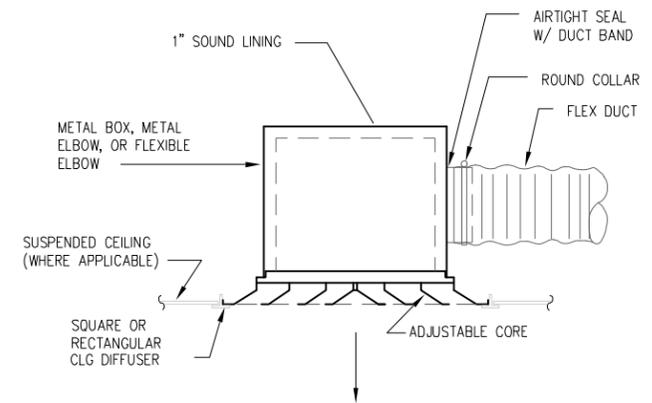
1. PROVIDE A MEANS OF BALANCING EVERY AIR SUPPLY OUTLET AND AIR OR WATER TERMINAL DEVICE.
2. DUCTS, SHAFTS AND PLENUMS CONVEYING OSA SHALL MEET THE AIR LEAKAGE AND BUILDING ENVELOPE INSULATION REQUIREMENTS OF WSEC SECTION C402.
3. ALL DUCTWORK SHALL BE CONSTRUCTED AND ERECTED IN ACCORDANCE WITH THE IMC 2012
4. PIPE INSULATION SHALL MEET OR EXCEED WSEC TABLE C403.2.8.
5. COMMISSIONING OF ALL MECHANICAL SYSTEMS IS REQUIRED. REFER TO WSEC SECTION C408 AND THE "BUILDING COMMISSIONING GUIDELINES" PUBLISHED BY THE "BUILDING COMMISSIONING ASSOCIATION" FOR COMPLETE COMMISSIONING REQUIREMENTS.

GENERAL MECHANICAL NOTES:

1. MOUNT ALL SENSORS AND THERMOSTATS 4' ABOVE FLOOR TO CENTER UNLESS NOTED OTHERWISE.
2. THERMOSTATS AND SENSORS SHALL HAVE INSULATED BACKING PAD WHEN INSTALLED ON CMU WALL.
3. DUCTWORK AND EQUIPMENT SHOWN IS DIAGRAMMATIC. COORDINATE AND ROUTE DUCTWORK TO MEET JOB REQUIREMENTS. LOCATION OF EQUIPMENT MUST BE COORDINATED WITH ALL DISCIPLINES BEFORE FINAL LOCATIONS ARE SELECTED. WEIGHTS OF EQUIPMENT MUST BE VERIFIED AND COORDINATED WITH STRUCTURAL SYSTEMS BEFORE EQUIPMENT CAN BE INSTALLED AT JOBSITE.
4. SPACE ALLOCATED FOR MECHANICAL AND OTHER WORK ABOVE THE SUSPENDED CEILING IS CRITICAL. LIGHT FIXTURES AND AIR DIFFUSERS HAVE BEEN LOCATED TO ACHIEVE A DEFINITE ARCHITECTURAL EFFECT AND MAY NOT BE CHANGED WITHOUT THE CONSENT OF THE ARCHITECT. BECOME FAMILIAR WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS PRIOR TO FABRICATING AND INSTALLING ANY MATERIALS. HANG DUCTWORK AS CLOSE AS POSSIBLE TO THE STRUCTURE ABOVE, UNLESS INDICATED OTHERWISE.
5. PASSAGES OF PIPES, CONDUITS, BUS DUCTS, CABLES, WIRES, AIRDUCTS, PNEUMATIC DUCTS, AND SIMILAR BUILDINGS SERVICE EQUIPMENT THROUGH FIRE BARRIERS SHALL BE PROTECTED AS FOLLOWS: THE SPACE BETWEEN THE PENETRATING ITEM AND FIRE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE RESISTANCE RATING OF THE FIRE BARRIER PRODUCT. PRODUCT USED MUST MEET TEST METHODS ASTM E814 OR NFPA 251 FOR FIRE RATING.
6. COORDINATE THE LOCATION OF CEILING DIFFUSERS, REGISTERS AND GRILLES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
7. AIR BALANCE ALL DIFFUSERS & GRILLES WITHIN 10% MAX. DIFFERENCE FROM SHOWN CFM.
8. FLEXIBLE RUNOUTS TO BE SAME SIZE AS DIFFUSER NECK. REFER TO DIFFUSER SCHEDULE.
9. ALL DUCT DIMENSIONS SHOWN ARE CLEAR DIMENSIONS INSIDE DUCT LINER.
10. SUPPORT ALL NEW AND RELOCATED ITEMS IN ACCORDANCE WITH LATEST SMACNA SEISMIC REQUIREMENTS.



1 TYP. DUCT TAKE OFF
M100 N.T.S.



2 TYP. DIFFUSER
M100 N.T.S.

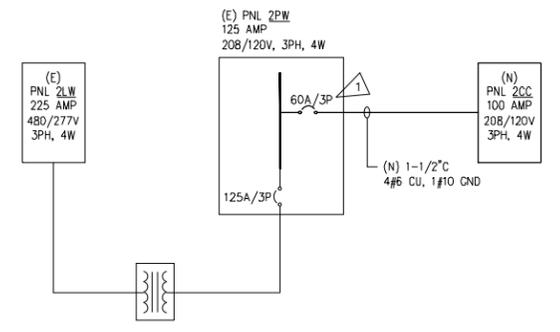
DIFFUSER AND GRILLE SCHEDULE					
ITEM	MAKE	MODEL	DESCRIPTION	SIZE	MARK
CEILING DIFFUSER	TITUS	MCD	FOUR ADJ. CORES, STEEL, OBD,	10"x10"	CD-1
			WHITE, FLAT FRAME SURFACE MOUNT. (BORDER 1) (BORDER 3 FOR LAY-IN STYLE)	12"x12"	CD-2
RETURN GRILLE	TITUS	300RL	DOUBLE DEFLECTION, STEEL, OBD, WHITE.	22x6	SR-1
RETURN GRILLE	TITUS	300RL	DOUBLE DEFLECTION, STEEL, OBD, WHITE.	36X10	RG-1



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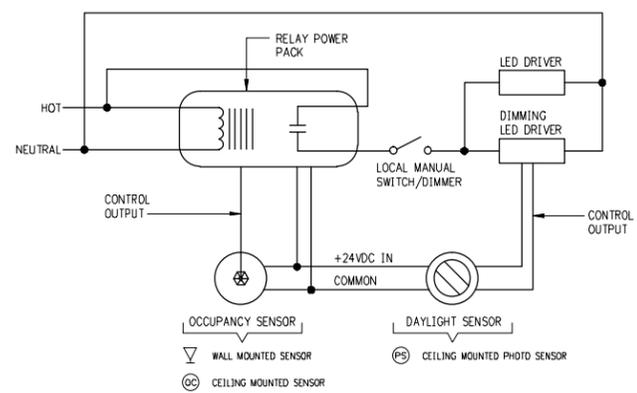
NEW PANEL 2CC		PANEL SCHEDULE										PROJECT: COUNCIL CHAMBERS REMODEL	
120/208V, 3Ph, 4W.		100A Bus		M.L.O.						24-May-16			
Ckt No.	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)	Load Type	Description / Location	Ckt No.	
1	REC - FLOORBOX	180	R	20	1	A	20	1	1,658	L	LTG - COUNCIL CH. DOWNLIGHTS	2	
3	SHADE MOTORS (4 @ 1.1A EA.)	528	M	20	1	B	20	1	1,320	L	LTG - COUNCIL CH. - F4 FIXT	4	
5	REC - NW STAFF DESK	900	R	20	1	C	20	1	935	L	LTG - COUNCIL CH. PROD LTS	6	
7	REC - FLOORBOX	180	R	20	1	A	20	1			SPARE	8	
9	SPARE			20	1	B	20	1			SPARE	10	
11	REC - SOUTH WALL, TV	900	G	20	1	C	20	1			SPARE	12	
Total Connected Load: Ph A		2,018 VA		17 A									
Total Connected Load: Ph B		1,848 VA		15 A									
Total Connected Load: Ph C		2,735 VA		23 A									
Total Connected Load:		6.6 KVA			Total Demand Load:		7.6 KVA						
		18.3 AMPS					21.1 AMPS						

	Connected Loads	Subfed Loads (S)	Total Loads	Demand Factor	Demand Load
G General (Non-Continuous)	900	0	900	100%	900
L Lighting	3,913	0	3,913	125%	4,891
R Receptacles - to 10 KVA over 10 KVA	1,260	0	1,260	100%	1,260
K Kitchen	0	0	0	50%	0
H Heating	0	0	0	85%	0
M Motors	528	0	528	100%	528
LM Largest Motor	0	0	0	125%	0
WH Water Heater	0	0	0	125%	0
C Continuous General Load	0	0	0	125%	0
	6,601 VA	0 VA	6,601 VA		7,579 VA



PARTIAL ONE-LINE DIAGRAM

SCALE: NOT TO SCALE



OCCUPANCY SENSOR WIRING DIAGRAM

SCALE: NOT TO SCALE

SYMBOL LEGEND	
LIGHTING FIXTURES	
	RECESSED DOWNLIGHT FIXTURE
	TRACK LIGHTING FIXTURE WITH CURRENT LIMITER, NUMBER INDICATES MAXIMUM AMPERAGE
	COMBINATION EXIT SIGN/EMERGENCY LIGHTING UNIT, -- INDICATES DIRECTION OF ARROW
	EMERGENCY LIGHTING UNIT
LIGHTING CONTROLS	
	SINGLE POLE SWITCH - "o" INDICATES SWITCHLEG
	THREE WAY SWITCH
	DIMMING LIGHTING CONTROL SYSTEM SWITCH (0-10V DC)
	WALL MOUNTED OCCUPANCY SENSOR/SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR, SEE DETAIL THIS SHEET. PROVIDE POKE-THRU ACCESS
	PHOTO SENSOR, DAYLIGHT CONTROLS, SEE DETAIL THIS SHEET.
LOW VOLTAGE / COMMUNICATIONS	
	WALL MOUNTED DATA OUTLET - PROVIDE BACKBOX AND STUB 1" C. UP TO ACCESSIBLE CEILING SPACE. PROVIDE POKE-THRU ACCESS AND 1" C. UNDER FLOOR AND UP TO ACCESSIBLE CEILING SPACE - FOR LOCATIONS AT DESKS/ FURNITURE
	FLOOR MOUNTED DATA OUTLET, POKE-THRU DEVICE. PROVIDE 1" C. UNDER FLOOR AND UP TO ACCESSIBLE CEILING SPACE.
POWER	
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, FLOOR MOUNTED POKE-THRU DEVICE.
	DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER AT +44" UNLESS NOTED OTHERWISE.
	JUNCTION BOX
	MOTOR CONNECTION
	EQUIPMENT CONNECTION (INCLUDES CONDUCTORS, TERMINATIONS, GROUNDING CONDUCTOR, ETC.)
	MANUAL MOTOR STARTER, WITH THERMAL OVERLOAD
	CIRCUIT HOMERUN - MIN 3/4" C-2#12 PLUS #12 GND UNLESS NOTED OTHERWISE
	CONDUIT CONCEALED IN WALLS OR CEILING
	CONDUIT UNDER FLOOR
	480/277V PANELBOARD
	208/120V PANELBOARD
CALL OUTS	
	DETAIL NOTE
	LIGHTING FIXTURE TYPE. SEE FIXTURE SCHEDULE.

SHEET INDEX	
E-000	ELECTRICAL COVER SHEET
E-101	ELECTRICAL DEMOLITION PLANS
E-102	ELECTRICAL PLANS

GENERAL NOTES	
1.	REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, CONDUIT AND WIRE BACK TO SOURCE, OR NEAREST UPSTREAM DEVICE NOT BEING REMOVED, ON SURFACES (WALLS, CEILINGS, FLOORS) BEING REMOVED AS PART OF THE CONTRACT.
2.	REMOVE BACK TO SOURCE. UPDATES EXISTING LOW VOLTAGE CABLING, CABLE TRAY, RACEWAY, MOUNTING EQUIPMENT, ETC., WHICH IS ASSOCIATED WITH TEL / COMM, TV, CALL SYSTEMS, AND FIRE ALARM DEVICES BEING REMOVED.
3.	LEGALLY DISPOSE OF AND / OR RECYCLE MATERIAL BEING REMOVED AS REQUIRED BY STATE AND LOCAL JURISDICTIONAL AUTHORITIES.
4.	MAINTAIN, REPAIR, OR REPLACE EXISTING SYSTEMS NOT BEING INTERRUPTED, BUT ARE AFFECTED BY DEMOLITION WORK. PROVIDE TEMPORARY POWER (GENERATOR) IN ORDER TO MAINTAIN FUNCTIONALITY OF EXISTING SYSTEM.
5.	COORDINATE ANY TEMPORARY INTERRUPTIONS IN POWER WITH OWNER AND ARCHITECT. SUBMIT SCHEDULE TO OWNER FOR APPROVAL, MINIMUM ONE WEEK PRIOR TO PROPOSED POWER INTERRUPTION.
6.	PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS. MINIMUM 3/4" C 2#12 CU, 1#12 GND FOR ALL CIRCUITS, UNLESS NOTED OTHERWISE.
7.	FOR THE REPLACEMENT OF ANY EXISTING DEVICES WITH NEW - THE CONTRACTOR SHALL MODIFY, PATCH, AND REPAIR THE EXISTING SURFACE TO ACCOMMODATE NEW DEVICE OR LIGHTING FIXTURE. PROVIDE NEW MOUNTING EQUIPMENT AND SUPPORT, AS REQUIRED. EXTEND CONDUIT AND WIRE TO NEW DEVICE AS REQUIRED.
8.	PATCH, REPAIR, AND PAINT EXISTING SURFACES THAT ARE AFFECTED BY REMOVAL OF EQUIPMENT, TO ORIGINAL CONDITION. FIRE SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. COORDINATE PAINT COLOR WITH OWNER. REPAIR IS SUBJECT TO APPROVAL BY OWNER AND ARCHITECT.
9.	PROVIDE CORE DRILLING AND FIRE SEALING FOR PENETRATIONS FOR NEW CONDUIT/POKE-THRU DEVICES.
10.	PRODUCTION LIGHTING: THE LIGHTING FIXTURES NOTED BELOW ARE OWNER FURNISHED, CONTRACTOR INSTALLED. PROVIDE MOUNTING HARDWARE, CONTROL WIRING, CONNECTIONS, ETC. COORDINATE EXACT REQUIREMENTS WITH MARK SIEGEL AT ABS - MARK@ADVANCEDBROADCASTSOLUTIONS.COM, PRIOR TO BID.
11.	PRODUCTION LIGHTING CONTROLS: LIGHTING CONTROLS FOR PRODUCTION LIGHTING SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED. DALI, BUSMASTER-1 TO BE LOCATED IN CONTROL ROOM. PROVIDE 120V POWER, CONTROL WIRING, AND CONNECTIONS TO LIGHTING FIXTURES. DALI DCS-8-DALI CONTROLLER TO BE LOCATED BY OWNER. PROVIDE INSTALLATION, CONTROL WIRING, ETC. FOR COMPLETE OPERATING SYSTEM. COORDINATE WITH MARK SIEGEL AT ABS - MARK@ADVANCEDBROADCASTSOLUTIONS.COM

DETAIL NOTES

- UTILIZE EXISTING CIRCUITS 2PW-12,14,16 PRESENTLY FEEDING THE EXISTING LIGHTING BEING REMOVED. INSTALL NEW 60A/3 CIRCUIT BREAKER. MATCH PANEL TYPE (EATON PRL1A) AND AIC RATING. RE-LABEL CIRCUIT DIRECTORY.
- LIGHT FIXTURES ARE OWNER FURNISH, CONTRACTOR INSTALLED.

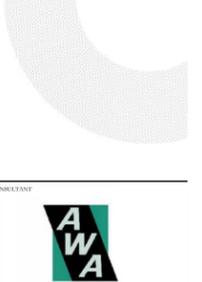
LIGHTING FIXTURE SCHEDULE					
TYPE	DESCRIPTION	LAMPS	MOUNTING	MANUFACTURER	VA
INDOOR					
F1	6" RECESSED LED DOWNLIGHT, COMFORT CLEAR DIFFUSER, PAINTED WHITE FLANGE (+80 CRI), 0-10V DIMMABLE	1500 LUMENS	RECESSED	PHILIPS CALCULITE C6L1520DL	27
F2	2-FOOT DIAGONAL-MOUNT VIDEOCONFERENCE FIXTURE, BROAD-FIELD SCREEN, DIMMABLE	(2) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #T02X7-R-1545-BF	110
F3	2-FOOT CENTER-MOUNT VIDEOCONFERENCE FIXTURE, MEDIUM-FIELD SCREEN, DIMMABLE	(2) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #T02X7-R-15CM-MF	110
F4	2-FOOT DIAGONAL-MOUNT VIDEOCONFERENCE FIXTURE, MEDIUM-FIELD SCREEN, DIMMABLE	(2) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #T02X7-R-1545-MF	110
F5	4-FOOT MICRO-T VIDEOCONFERENCE FIXTURE, BROAD-FIELD SCREEN, DIMMABLE	(1) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #MT4X7-R-1-BF-DFK	55
F6	2-FOOT MICRO-T VIDEOCONFERENCE FIXTURE, BROAD-FIELD SCREEN, DIMMABLE	(1) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #MT2X7-R-1-BF-DFK	55
F7	2-FOOT MICRO-T VIDEOCONFERENCE FIXTURE, BROAD-FIELD SCREEN, DIMMABLE	(1) 55 WATT FLUORESCENT	RECESSED	BRIGHTLINE #MT2X7-R-1-BF	55
EMERGENCY					
X1	COMBINATION LED EXIT SIGN/EMERGENCY LIGHTING UNIT, WHITE THERMOPLASTIC HOUSING WITH GREEN LETTERING, UNIVERSAL MOUNT, 90-MINUTE BATTERY BACKUP	LED	WALL/CEILING	LITHONIA QUANTUM LHQM SERIES	3
X2	EMERGENCY LIGHTING UNIT, LED 90-MINUTE BATTERY BACKUP	LED	WALL/CEILING	LITHONIA QUANTUM ELM2 SERIES	2

- NOTE:**
- THE FIXTURES SPECIFIED DO NOT SHOW ALL OF THE OPTIONS REQUIRED FOR INSTALLATION. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED MOUNTING EQUIPMENT, FLANGE KITS, SUPPORTS, PENDANTS, ETC. REQUIRED FOR THE SPECIFIC CEILING TYPE AND/OR SURFACE AT NO ADDITIONAL COST. CONTRACTOR SHALL COORDINATE AND VERIFY CEILING TYPES AND MOUNTING CONDITIONS WITH ARCHITECTURAL CEILING PLANS.
 - CONTRACTOR SHALL PROVIDE DIMMABLE BALLAST FOR ALL LIGHT FIXTURES IN THE DAYLIGHTING ZONE(S).
 - MATCH LAMP/LED COLOR TEMPERATURE FOR ALL FIXTURES. COORDINATE WITH MARK SIEGEL AT ABS - mark@advancedbroadcastsolutions.com

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190115 36th Avenue West, Suite E Lynnwood, Washington 98036
Phone (425) 775-1799 FAX (425) 774-9870

PROJECT:
Auburn City Hall
25 W Main St.
Auburn, WA 98001

PREPARED BY:
Council Chamber Remodel
25 W Main St.
Auburn, WA 98001

FIG. NO. / SHEET:
15057

DESIGNED BY:
KH

CHECKED BY:
BA

DATE OF ORIGINAL DESIGN:
May 27, 2015

CURRENT REVISION DATE:
December 30, 2015

REVISIONS & REVISION DATES:
5.3.16 LIGHTING/DATA CHANGES



DESCRIPTION:
Electrical Cover Sheet

SCALE:
No Scale

DATE OF REVISIONS:
E-000

DRAWING FOR APPROVAL:

For Reference Only, Not Part of AG-S-093 (AV Service Agreement)

DETAIL NOTES

- 1 ALSO REMOVE EXISTING ABANDONED FLUORESCENT LIGHTING ABOVE EXISTING CEILING, AND ASSOCIATED CONDUIT AND WIRE.
- 2 NOTE VARIOUS EXISTING LIGHTING FIXTURES TO BE REMOVED AND REPLACED - IN EXISTING CEILING TO REMAIN. SEE NEW LIGHTING PLAN AND COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLANS.

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OWNER

Auburn City Hall
25 W Main St.
Auburn, WA 98001

PROJECT

Council Chamber Remodel
25 W Main St.
Auburn, WA 98001

JOB NUMBER

15057

DESIGNED BY

K11

CHECKED BY

BA

DATE DRAUGHTS CREATED

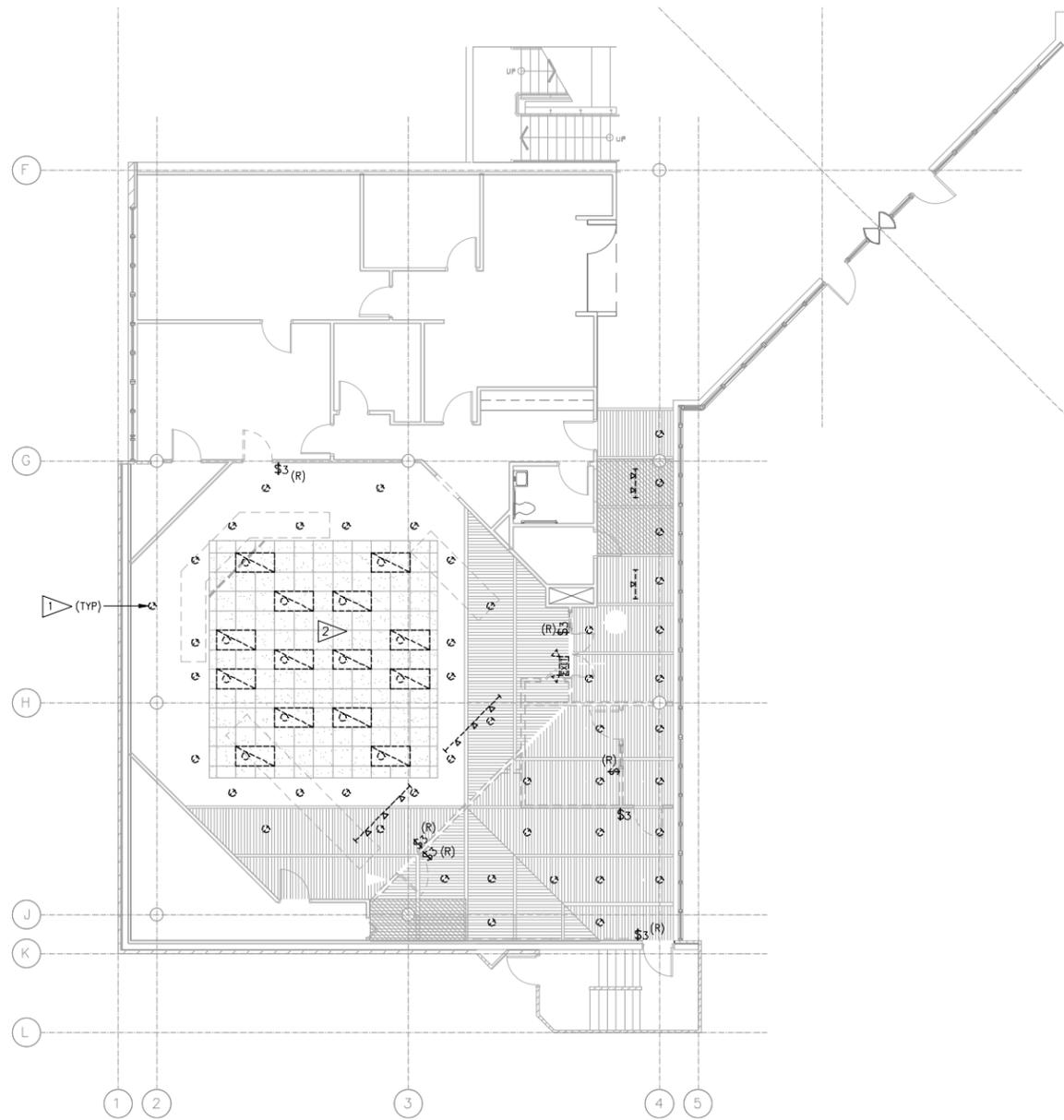
May 27, 2015

CURRENT REVISION DATE

December 30, 2015

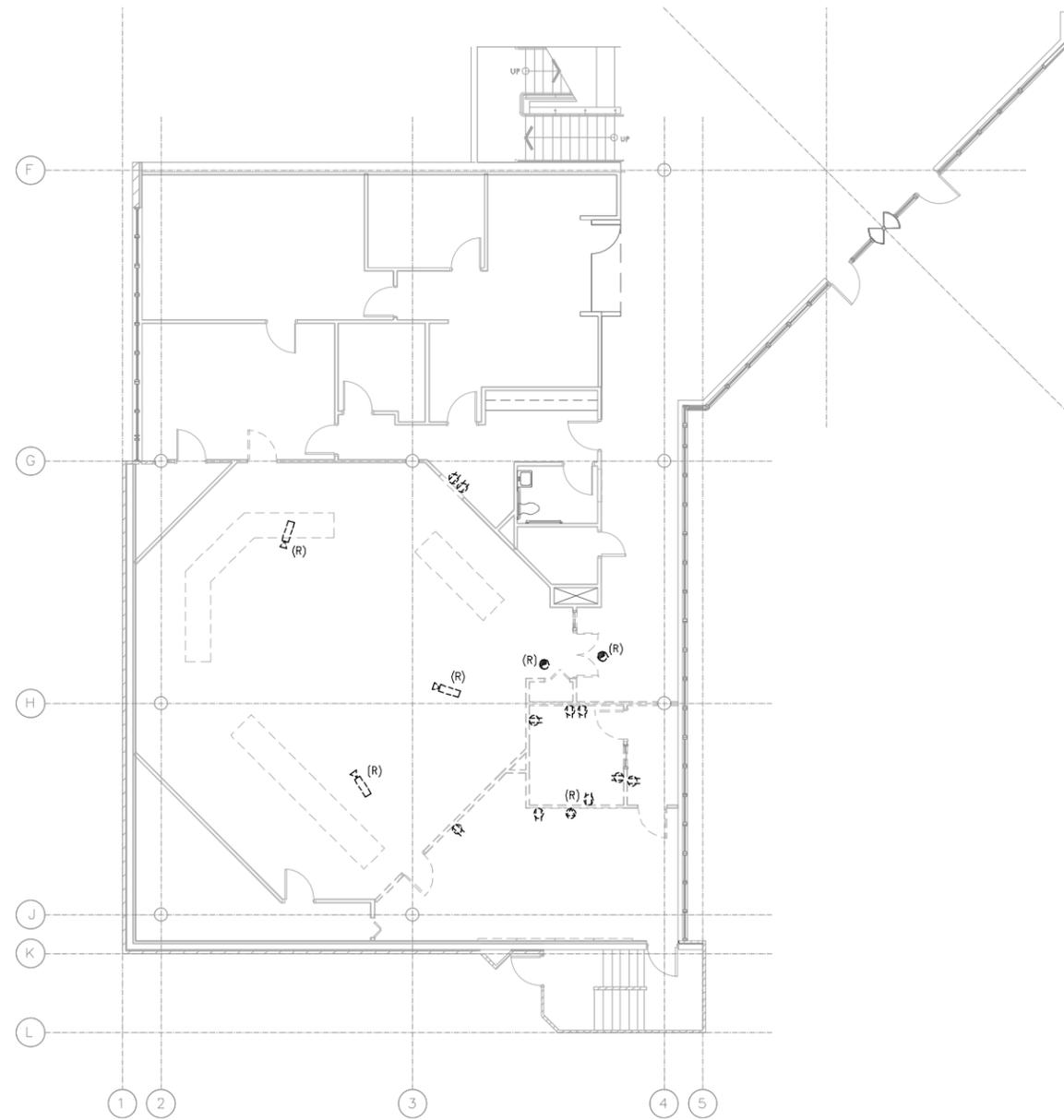
REVISIONS AND PROJECT SHEET DATES

5.3.16 LIGHTING/DATA CHANGES



DEMO LIGHTING PLAN

SCALE 1/8" = 1'-0"



DEMO POWER PLAN

SCALE 1/8" = 1'-0"



PLANNING: 1/15/2015; DESIGN: 1/15/2015; PERMITS: 1/15/2015; CONSTRUCTION: 1/15/2015; AUBURN CITY HALL; 25 W MAIN ST.; AUBURN, WA 98001; PROJECT NUMBER: 15057; DATE: 12/30/2015



DRAWN BY

Electrical Demolition
Plans

SCALE

1/8" = 1'-0"

DRAWING NUMBER

E-101

DRAWING FOR I.D. USE

