

REQUEST FOR PROPOSALS

RFP # 2012-11

ARC FLASH STUDY

ISSUE DATE: November 2, 2012

CLOSING DATE: December 4, 2012

CLOSING TIME: 1:00 pm, PT

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Oregon Institute of Technology REQUEST FOR PROPOSALS ARC FLASH STUDY

Section I - Information Regarding Proposal

INTRODUCTION

The Oregon Institute of Technology ("Oregon Tech") is seeking proposals to select a contractor to provide an Arc flash hazard analysis of Oregon Tech Klamath Falls and Wilsonville campuses and a building located in Clackamas Oregon.

IMPORTANT NOTICE

It will be the responsibility of potential proposers to refer daily to the OUS Procurement Gateway website (https://secure.ous.edu/bid/) to check for any available addenda, response to clarifying questions, cancellations or other information pertaining to this Request for Proposals ("RFP").

GENERAL INFORMATION

Issuing Office: The Oregon Tech Office of Facilities Services is the Issuing Office and is the sole point of contact for clarifications regarding technical specifications in this RFP. The Oregon Tech Purchasing and Contract Services Office is the sole point of contact regarding the RFP process. All correspondence pertaining to these two matters should be appropriately addressed to the contact persons below:

Content and Technical Ken Kiest

Specifications: Telephone (541) 885-1255

Mailing Address: 3201 Campus Drive

Klamath Falls, OR 97601

Email: Ken.Kiest@oit.edu

RFP Process Questions: George Marlton, Dir. of Purchasing and Contract Services

Telephone (503) 821-1277

Mailing Address: 27500 SW Parkway Ave

Wilsonville, OR 97070

Email: George.Marlton@oit.edu

SCHEDULE OF EVENTS

The timing and sequence of events resulting from this RFP will be ultimately determined by Oregon Tech. This Schedule is illustrative of optimal timing goals, but may be changed.

RFP Issue Date	.November 2, 2012
Deadline for Protest of Specifications	. November 9, 2012 (5:00 pm, PT)
All Clarifying Questions Due	. November 26, 2012 (5:00 pm, PT)
Notice of Interest Deadline	. November 26, 2012 (5:00 pm, PT)
Closing Date (Proposals Due)	. December 4, 2012 (1:00 pm, PT)
Deadline for Protest of Award	.7 calendar days after date on Notice of Award letter
Anticipated Contract Begin Date	. December 20, 2012

GENERAL PROVISIONS

Oregon Tech reserves the right to reject any and all Proposals received as a result of this RFP. Oregon Administrative Rules Chapter 580, Divisions 61, 62 and 63 govern the procurement process for Oregon Tech.

- **1. Modification or Withdrawal of Proposal:** Any Proposal may be modified or withdrawn at any time prior to the closing deadline, provided that a written request is received by Oregon Tech Director of Purchasing and Contract Services, prior to the Closing date. The withdrawal of a Proposal will not prejudice the right of a Proposer to submit a new Proposal.
- **2. Notice of Interest.** The Notice of Interest (form attached below) should be submitted to the office of the Oregon Tech Director of Purchasing and Contract Services by 5:00 p.m., on the date indicated in the Schedule of Events, via email, fax or hardcopy. In the notice, the Proposer must provide the name of the primary contact person, plus that person's telephone number and email address for communication of information about the RFP, answers to questions submitted by Proposers, and other matters about the selection process. Proposers that complete and return the Notice will receive the same supplementary information. Submission of the Notice of Interest is not a mandatory requirement in order for Proposers to submit a Proposal.
- **3. Requests for Clarification and Requests for Change:** Proposers may submit questions regarding the specifications of the RFP. Questions must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule of Events, at the Purchasing and Contract Services address or email address as listed in the Contact Information section of the RFP. Requests for changes must include the reason for the change and any proposed changes to the requirements.

The purpose of this requirement is to permit Oregon Tech to correct, prior to the opening of Proposals, RFP terms or technical requirements that may be unlawful, improvident or which unjustifiably restrict competition.

Oregon Tech will consider all requested changes and, if appropriate, amend the RFP. Oregon Tech will provide reasonable notice of its decision to all Proposers that submit a Notice of Interest and on the OUS Procurement Gateway.

No oral or written instructions or information concerning this RFP from Oregon Tech managers, employees or agents to prospective Proposers shall bind Oregon Tech unless included in an Addendum to the RFP.

- **4. Protests of the RFP/Specifications:** Protests must be in accordance with OAR 580-061-0145. Protests of Specifications must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule of Events, at the Purchasing and Contract Services address or email address as listed in the Contact Information section of the RFP. Protests may not be faxed. Protests of the RFP specifications must include the reason for the protest and any proposed changes to the requirements.
- **5. Addenda**: If any part of this RFP is amended, addendum will be provided on the OUS Procurement Gateway website (www.ous.edu/about/bo), with a copy to all parties who submit the Notice of Interest.
- **6. Post-Selection Review and Protest of Award**: Oregon Tech will name the apparent successful Proposer in a "Notice of Intent to Award" letter. Identification of the apparent successful Proposer is procedural only and creates no right in the named Proposer to award of the contract. Competing Proposers will be notified in writing of the selection of the apparent successful Proposer(s) and shall be given seven (7) calendar days from the date on the "Notice of Intent to Award" letter to review the file and evaluation report at the Purchasing and Contract Services office and file a written protest of award, pursuant to OAR 580-061-0145. Any award protest must be in writing and must be delivered by hand delivery, mail or email to the address for the Purchasing and Contract Services Office as listed in the Contact Information section of the RFP.

Oregon Tech will consider any protests received and:

- (A) reject all protests and proceed with final evaluation of, and any allowed contract language negotiation with, the apparent successful Proposer and, pending the satisfactory outcome of this final evaluation and negotiation, enter into a contract with the named Proposer; OR
- (B) sustain a meritorious protest(s) and reject the apparent successful Proposer as nonresponsive, if such Proposer is unable to demonstrate that its Proposal complied with all material requirements of the solicitation and Oregon public procurement law; thereafter, Oregon Tech may name a new apparent successful Proposer; OR

(C) reject all Proposals and cancel the procurement.

The Oregon Tech Vice President for Finance and Administration or designee will timely respond to the protest after receipt. This decision shall be final.

- **7.** Acceptance of Contractual Requirements: Failure of the selected Proposer to execute a contract and deliver required insurance certificates within ten (10) calendar days after notification of an award may result in cancellation of the award. This time period may be extended at the option of Oregon Tech.
- **8. Public Records**: Proposals are deemed confidential until the "Notice of Intent to Award" letter is issued. This RFP and one copy of each original Proposal received in response to it, together with copies of all documents pertaining to the award of a contract, will be kept and made a part of a file or record which will be open to public inspection. If a Proposal contains any information that is considered a **TRADE SECRET** under ORS 192.501(2), **SUCH INFORMATION MUST BE LISTED ON A SEPARATE SHEET CAPABLE OF SEPARATION FROM THE REMAINING PROPOSAL AND MUST BE CLEARLY MARKED WITH THE FOLLOWING LEGEND:**

"This information constitutes a trade secret under ORS 192.501(2), and shall not be disclosed except in accordance with the Oregon Public Records Law, ORS Chapter 192."

The Oregon Public Records Law exempts from disclosure only bona fide trade secrets, and the exemption from disclosure applies only "unless the public interest requires disclosure in the particular instance." ORS 192.500(1). Therefore, non-disclosure of documents or any portion of a document submitted as part of a Proposal may depend upon official or judicial determinations made pursuant to the Public Records Law.

- **9. Investigation of References**: Oregon Tech reserves the right to investigate all references in addition to supplied references and investigate past performance of any Proposer with respect to its successful performance of similar services, its compliance with specifications and contractual obligations, its completion or delivery of a project on schedule, its lawful payment of subcontractors and workers and any other factor relevant to this RFP. Oregon Tech may postpone the award or the execution of the contract after the announcement of the apparent successful Proposer in order to complete its investigation.
- **10. RFP Proposal Preparation Costs and Other Costs**: Proposer costs of developing the Proposal, cost of attendance at an interview (if requested by Oregon Tech) or any other costs are entirely the responsibility of the Proposer, and will not be reimbursed in any manner by Oregon Tech.
- **11.** Clarification and Clarity: Oregon Tech reserves the right to seek clarification of each Proposal, or to make an award without further discussion of Proposals received. Therefore, it is important that each Proposal be submitted initially in the most complete, clear and favorable manner possible.

- **12. Right to Reject Proposals**: Oregon Tech reserves the right to reject any or all Proposals, if such rejection would be in the public interest, as determined by Oregon Tech.
- **13.** Cancellation: Oregon Tech reserves the right to cancel or postpone this RFP at any time or to award no contract.
- **14. Proposal Terms:** All Proposals, including any price quotations, will be valid and firm through a period of 60 calendar days following the Closing date. Oregon Tech may require an extension of this firm offer period. Proposers will be required to agree to the longer time frame in order to be further considered in the procurement process.
- **15. Oral Presentations:** At Oregon Tech's sole option, Proposers may be required to give an oral presentation of their Proposals to Oregon Tech, a process which would provide an opportunity for the Proposer to clarify or elaborate on the Proposal but will in no material way change Proposer's original Proposal. If the evaluating committee requests presentations, the Issuing Office will schedule the time and location for said presentation. Any costs of participating in such presentations will be borne solely by Proposer and will not be reimbursed by Oregon Tech. **Note:** Oral presentations are at the discretion of the evaluating committee and may not be conducted; therefore, **written Proposals should be complete.**
- **16.** Usage: It is the intention of Oregon Tech to utilize the services of the successful Proposer(s) to provide services as outlined in the below Scope of Work.
- **17. Sample Contract:** Submission of a Proposal in response to this RFP indicates Proposer's willingness to enter into a contract containing substantially the same terms listed in Exhibit A Oregon Institute of Technology Personal/Professional Services Contract, attached hereto and made a part hereof. No action or response to the sample contract is required under this RFP. Any objections to the sample contract terms should be raised in accordance with Paragraphs 3 and 4 of the "General Provisions" of this RFP, pertaining to requests for clarification or change or protest of the RFP/specifications, and as otherwise provided for in this RFP. If the selected contractor is a participant in the Oregon University System Retain Program, Oregon Tech may elect to utilize that contract.
- **18. Review for Responsiveness:** Upon receipt of all Proposals, the Issuing Office or designee will determine the responsiveness of all Proposals before submitting them to the evaluation committee. If a Proposal is incomplete or non-responsive in significant part or in whole, it will be rejected and will not be submitted to the evaluation committee. Oregon Tech reserves the right to determine if an inadvertent error is solely clerical or is a minor informality which may be waived, and then to determine if an error is grounds for disqualifying a Proposal. The Proposer's contact person identified on the Proposal will be notified, identifying the reason(s) the Proposal is non-responsive. One copy of the Proposal will be archived and all others discarded.
- **19. Rejections and Withdrawals.** Oregon Tech reserves the right to reject any or all Proposals or to withdraw any item from the award.

- **20. RFP Incorporated into Contract.** This RFP will become part of the Contract between Oregon Tech and the selected contractor(s). The contractor(s) will be bound to perform according to the terms of this RFP, their Proposal(s), and the terms of Exhibit A.
- **21. Communication Blackout Period.** Except as called for in this RFP, Proposers may not communicate with members of the Evaluation Committee about the RFP until the apparent successful Proposer is selected, and all protests, if any, have been resolved.
- **22. Prohibition on Commissions.** Oregon Tech will contract directly with persons/entities capable of performing the requirements of this RFP. Contractors must be represented directly. Participation by brokers or commissioned agents will not be allowed during the proposal process.
- **23. Ownership of Proposals**. All proposals in response to this RFP are the sole property of Oregon Tech, and subject to the provisions of Oregon Revised Statutes ORS 192.410-192.505 (Public Records Act).
- **24.** Clerical Errors in Awards. Oregon Tech reserves the right to correct inaccurate awards resulting from its clerical errors.
- **25. Rejection of Qualified Proposals.** Proposals may be rejected in whole or in part if they attempt to limit or modify any of the terms, conditions or specifications of the RFP or the Oregon Tech Sample Contract.
- **26.** Collusion. By responding, the Proposer states that the proposal is not made in connection with any competing Proposer submitting a separate response to the RFP, and is in all aspects fair and without collusion or fraud. Proposer also certifies that no officer, agent, or employee of Oregon Tech has a pecuniary interest in this Proposal.
- **27. Evaluation Committee:** Proposals will be evaluated by a committee consisting of representatives from Oregon Tech. Oregon Tech reserves the right to modify the Evaluation Committee make-up in its sole discretion. The committee's recommendations will be forwarded to the Vice President for Finance and Administration, or designee, for final approval.
- **28. Commencement of Work:** The contractor shall commence no work until all insurance requirements have been met, the Protest of Awards deadline has been passed, any protest have been decided, a contract has been fully executed, and a Notice to Proceed has been issued by Oregon Tech.

TERM OF CONTRACT

The Contract is expected to begin on or about December 20, 2012, and extend to December 31, 2012. Oregon Tech intends to reserve the right upon 30 days' notice to the Contractor to terminate the Contract for its convenience.

DELIVERY OF PROPOSALS

Proposals may be submitted via two methods.

Method #1: An original copy of the Proposal, and an electronic copy (on compact disk) of the complete Proposal must be received on or before <u>1:00 p.m. Pacific Time, December 4, 2012.</u> The envelope/package containing the response must be clearly marked "Response to RFP #2012-11."

Method #2: Complete proposals (including all attachments) may be emailed and must be electronically received by <u>1:00 p.m. Pacific Time</u>, <u>December 4, 2012</u>. Email subject line must be "Response to RFP#2012-11." Proposer <u>must</u> telephone and confirm electronic receipt of the complete emailed document(s) before the above time and date deadline. Proposals delayed or lost by email system filtering or failures may be considered at Oregon Tech' sole discretion. In addition to electronic submission, the original copy of the Proposal must be postmarked no later than December 4, 2012. The envelope/package containing the Proposal must be clearly marked "Response to RFP #2012-11."

The original Proposal must be signed by an authorized representative of the Proposer. Alterations or erasures shall be initialed in ink by the person signing the Proposal. Proposals may not be submitted by telephone or fax.

It is the responsibility of the Proposer to ensure that Proposals arrive by the closing date and time. NO LATE PROPOSALS WILL BE ACCEPTED, except as set out in Method #2 of "Delivery of Proposals". Proposals may be hand delivered, mailed, or e-mailed to:

Mailing Address including Hand Delivery, UPS and FEDEX:

Purchasing and Contract Services 27500 SW Parkway Ave Wilsonville, OR 97070

Email:

George.Marlton@oit.edu

Proposals will be publicly opened by a designee in the Purchasing and Contract Services Office on the Closing Date.

BACKGROUND

Oregon Institute of Technology (Oregon Tech) has campuses in Klamath and Wilsonville Oregon and a building located in Clackamas Oregon (Harmony Location).

Klamath Falls Campus: The Klamath Falls campus is located at 3201 Campus Drive, Klamath Falls, OR 97601. The campus consists of 17 major buildings totaling over 800,000 square feet. The electrical distribution system is owned by Oregon Tech and includes 16 medium voltage transformers. The campus has two main meters. One covers approximately 20% of the campus and the other 80%. Oregon Tech has a system one-line drawing for the 20% meter, however, we do not have building specific one-line drawings for that meter. There are no building specific or system one-line drawings for the 80% meter.

Wilsonville Campus: The Wilsonville campus is located at 27500 SW Parkway Avenue, Wilsonville, OR 97070. The Wilsonville campus is comprised of a single building with approximately 132,000 square feet. Recent "as-built" one-line and building panel matrix drawings are already completed for the Wilsonville campus.

Harmony Location: Oregon Tech owns a property at 7726 SE Harmony Road, Portland, OR 97222 that consists of one 55,000 square foot building. There are no one-line drawings for this location.

Oregon Tech previously published an RFP (RFP #2012-06) for an Arc Flash Study, however, the RFP was cancelled as the scope of work was vague as to expected deliverables. Interested proposers should not rely on any information in RFP #2012-06 in preparation of proposals under this RFP #2012-11.

SCOPE OF WORK

The selected firm will perform a complete arc flash hazard analysis for the electrical distribution system on both campuses. The Klamath Falls campus requires the development of individual building and campus one-line drawings and a complete electrical distribution system catalog. Following NFPA 70E and IEEE 1584 guidelines, the selected firm will then perform detailed arc flash calculations utilizing SKM PowerTools software to define arc flash energy levels, arc flash protection boundaries, and recommended Personal Protective Equipment (PPE) requirements. In general, the scope of the arc-flash study will extend from the Building transformers to all equipment rated 50 Amps and above. This generally consists of:

- Switchgear and Switchboards.
- Motor Control Centers/Disconnect Bank(s).
- Panelboards.

The arc-flash hazard analysis will include the following elements and services:

Base Scope: Contractor shall:

- Inspect and determine existing feeder equipment sizes utilizing the services of licensed electrician(s).
- Produce in both PDF and Excel electronic format, one-line drawings of building feeder information and panel information gathered during the study along with the arc-flash label data at each location.
- Use recommended short circuit analysis software to perform arc-flash hazard calculations. The calculations will be based on IEEE 1584. The calculations will provide the maximum expected arc-flash incident energy and arc-flash boundary at each piece of electrical equipment covered in the scope of the study.
- The incident energy will be used to provide personal protective clothing/equipment (PPE) requirements based on standard working distances at specific voltage levels as per current industry recommended standards and practices.
- Make and affix to appropriate equipment any and all informational arc flash warning labels as may be appropriate and/or required for all equipment identified to satisfy the latest applicable NFPA 70E. Labels shall be in conformance therewith.
- Arc flash warning labels shall be printed in color and shall be moisture proof, adhesive backed. Labels for outdoor equipment shall be vinyl and UV resistant to avoid fading.
- Contractor shall make recommendations for any field modifications necessary to any protective device settings that would reduce arc flash hazard energy levels.
- Employ to assist with the project, at least two Klamath Falls based Oregon Tech students for Klamath Falls campus and at least one Wilsonville based Oregon Tech student for the Wilsonville campus. Preferred hourly pay range is \$10 \$12.
- All access to the project work site shall be coordinated through Oregon Tech. The
 contractor shall submit a proposed schedule for site visits to the Arc Flash Coordinator.
 The proposed schedule shall identify the building requiring access, room numbers,
 proposed day and duration. The proposed schedule shall be submitted in writing two
 weeks prior to the proposed visit.
- There are no planned power outages for the purpose of conducting the Arc Flash Hazard Assessment. The contractor must submit a written request to Oregon Tech Arc Flash Coordinator assigned to the project if an outage is needed. Outages will only be allowed after 10 p.m. or before 7 a.m. Daytime outages on weekends are preferred.
- The contractor shall provide an eight-hour onsite training program on arc flash safety and general electrical safety for approximately 12 Oregon Tech employees at the Klamath Falls campus. The contractor is responsible to provide any specialized training equipment such as laptop computer, demonstration software and/or multimedia projector, as might be required to conduct the training. One classroom reference manual shall be provided for each attendee. The contractor shall provide a certificate of completion for each attendee.
- Work timeframe to be scheduled within Oregon Tech 2013 Winter Term (January 7th March 22nd).

Optional Additional Services #1 (Applies to Klamath Falls Only)

- Include all services listed above in Option #1.
- Evaluate Klamath Falls campus building panels to identify potential problems utilizing thermal image device during normal operating hours as defined by Oregon Tech.
- Report shall be submitted in hardcopy and softcopy format.

- o Softcopy shall be in the form of a PDF file.
- o Hardcopy shall be in the form of a bound report with color photographs.
- Findings and Recommendations: Report to identify any equipment that requires further review and preventative maintenance by Oregon Tech staff.

Optional Additional Services #2 (Harmony Location Only)

This option includes all of the service listed in the Base Scope, but for this location. The intern used for the Wilsonville service may be used to assist for this location.

*Note – Oregon Tech shall determine in its sole discretion to authorize the Optional Additional Services in the resulting contract.

Appendix A, attached herein contains existing diagrams and information.

Section II – Information Required from Proposers

PROPOSAL FORM AND CONTENT

Proposals that do not contain all the information requested in this and other sections may be rejected as non-responsive.

Submission Format

- 1. The Proposal should be written on standard size (8½" x 11") paper, using generally accessible word processing and document formats conducive to cut-and-paste transfer of information to contracts or other summary documents. MSOffice Suite documents are preferred.
- 2. Proposers should structure responses as outlined in this RFP. Proposals should be prepared so that responses are specifically addressed in the same order as the requested information identified below and on the Questionnaire. Pages should be numbered consecutively and tabs inserted between sections.

REQUIRED PROPOSAL CONTENT

- 1. You must complete the **Bidder/Proposer Tax Laws and Non-discrimination Certification** sheet, signed by an authorized company official.
- 2. The Proposal must also include the following:
 - a. **Title Page or Cover Letter.** The title page or cover letter should indicate the date, subject, name of the Proposer, address, telephone number, e-mail address, name and title of the Proposer's contact person as well as a signature of an authorized official with the authority to negotiate and contractually bind the Proposer.
 - b. **Offices and Representatives.** A description of the office(s) that will provide support, including its geographic location, staffing level, the background, experience, and qualifications of personnel. *This information must be listed in a specifically identified section of the Proposal.*
 - c. **Questionnaire.** Complete and specific answers to the Questionnaire for Proposers. Please respond by restating each question and thereafter providing your answer in order beginning with question 1.
- 3. **Summary Statement**. The Proposer may, but is not required to, provide a summary statement as to its qualifications, as well as briefly describe (no more than 500 words) any special considerations the Oregon Tech should consider.

EVALUATION CRITERIA

Proposals will be evaluated for completeness and compliance with this RFP. Proposals considered complete will be evaluated to determine if they comply with the administrative, contractual, and technical requirements of the RFP. If the Proposal is unclear, Proposers may be asked to provide written clarification. **Proposals that do not specifically address the scope of work or do not include the complete Proposal Content may be rejected.**

Proposals will be evaluated based on the following criteria and questions outlined in the Questionnaire for Proposers:

1.	Background Information	15 points
2.	Scope of Work	35 points
3.	Cost Summary	30 points
4.	Use of Oregon Tech Inters for Study	10 points
5.	Quality of Proposal	10 points
6.	References Review	0 points

Total possible: 100 points

Section III - Questionnaire for Proposers

Please submit your responses in order beginning with question #1 by restating the question, then providing your answer. Use additional sheets as necessary. Be specific with names and numbers.

1. Background Information

Description of past experience in the successful completion of similar services for higher education. Experience working with Oregon issues, preferred. Firms should provide evidence of the successful completion of at least three such projects. Please provide name, address, and telephone numbers of contact person for such projects.

Identify specific person(s) who would be responsible for the proposed work and include a brief resume for each. Please list references for each person identified including name, address and phone number of an appropriate reference contact person.

2. Scope of Work

Using the Scope of Work as a guide, outline a work plan, with target dates for beginning and completion of essential steps necessary to meet the deadlines.

3. Cost Summary

Provide the fee to complete the services on a time and material basis with a not-to-exceed amount. The not-to-exceed amount must include all estimated expenses, such as fee, travel, lodging, printing and mailing, and miscellaneous expenses.

The Fee must be broken down as follows:

Klamath Falls Campus – Base Service Klamath Falls Campus – Optional Service #1 Wilsonville Campus – Base Service Harmony Location – Optional Service #2

4. Use of Oregon Tech Interns for Study

As an educational institution, it is very important for Oregon Tech to coordinate intern opportunities for students when possible. Please describe if you will provide intern opportunities for students while performing service if awarded a contract. Also describe the number of interns you will accept and the hourly rate to be paid.

5. References Review

Provide three references from clients your firm has served in the past three years, including one client that has newly engaged the firm in the past 36 months and one long-term client. Provide the name, address, and phone number of the references.

Section IV – Contract Terms and Required Documents

Arc Flash Study RFP #2012-11

Notice of Interest

Name of Cor	nsultant/Firm:	
Check One:		
	Yes, this firm will submit a proposal addenda to the RFP to my attention.	in response to this RFP. Please forward any
	No, this firm does not anticipate sub	mitting a proposal in response to this reques
Comments:		
Signature:		Date:
Print Name:		
Title:		Phone:
Address:		
Email addres	ss for contact:	
	n this form no later than November 26, vices, 27500 SW Parkway Ave., Wilso	2012 to George Marlton, Purchasing and nville, OR 97070; email:

George. Marlton@oit.edu.

BIDDER/PROPOSER TAX LAWS AND NON-DISCRIMINATION CERTIFICATION RFP #2012-11

I, the undersigned, have read all of the terms and conditions of this Request for Proposals, and I understand that if awarded the contract, I and the firm represented herein shall be bound by its terms and conditions and representations made in this response. I certify that Proposer has not discriminated against minority, women or emerging small business enterprises in obtaining any required subcontracts.

Certified Minority, Women, and Emerging Small Business

For statistical purposes only, please emerging small business: DBE	•	m is an Oregon cer WBE	rtified minority, women, or ESB
Cert I, the undersigned, (Check one)	tificate of Complia	nnce with Tax Lav	vs
hereby certify unde	er penalty of perjury	that I am not in v	iolation of any Oregon Tax laws,
			zed to act on behalf of Contractor olation of any Oregon tax laws.
For purposes of this certification, "C 320.150 and 403.200 to 403.250, O assistance program under ORS 310. Department of Revenue under ORS	RS Chapters 118, 3 .630 to 310.706; an	314, 316, 317, 318,	321 and 323; the elderly rental
Business Designation (check one):	Corporation	Partnership	Sole Proprietorship
Governmental/Non-Profit	_ Limited Partnersh	nipLim	ited Liability Partnership
Limited Liability Company			
Signature:		Date:	
Name:		Title:	
Firm:			
Address:			
City/State/Zip:		Phone:	()
e-mail:		Fax:	

Exhibit A OREGON INSTITUTE OF TECHNOLOGY PERSONAL/PROFESSIONAL SERVICES CONTRACT CONTRACT #_____

This Contract is between the State of Oregon, acting by and through the State Board of Higher
Education, on behalf of the Oregon Institute of Technology, hereafter called "OIT" and
, hereafter called "Contractor". The OIT Representative for this Contract is
Contract is
1. Effective Date and Duration. This Contract shall become effective on upon signature of both
parties. Unless earlier terminated or extended, this Contract shall expire on
However, such expiration shall not extinguish or prejudice OIT's right
to enforce this Contract with respect to: (i) any breach of a Contractor warranty; or (ii) any
default or defect in Contractor performance that has not been cured.
2. Statement of Work. Contractor will provide the following personal/professional services:
, further described in Exhibit A.
3. Consideration. OIT agrees to pay Contractor, from available and authorized funds, a sum not
to exceed \$, for accomplishing the work required by this Contract. If any interim
payments to Contractor are made, such payments shall be made only in accordance with the
schedule and requirements in Exhibit A.
4. Terms and Conditions. The terms and conditions of this Contract are contained on the
following pages titled "Oregon Institute of Technology Contract Provisions."
5. Travel and Other Expense. (Not allowable under this Contract.)(OIT shall reimburse
Contractor for travel and other expenses in accordance with the OIT Contractor Travel
Reimbursement Policy, attached in Exhibit D.)
6. Contract Documents. This Contract consists of the following documents which are listed in
descending order of precedence and are attached and incorporated by reference, this
Personal/Professional Services Contract, Exhibits A, B, C, (D if travel included) and (RFP#2012-
11 (Attachment 1) and Contractor's response to RFP#2012-11 (Attachment 2)).
CONTRACTOR DATA AND CERTIFICATION
Name (tax filing):
Address:
Phone No.
Fax No.
MWESB Certification #:
□ DBE □ MBE □ WBE □ ESB
Citizenship, if applicable: Non-resident alien _YES _ NO
Business Designation: (Check one):
Corporation Partnership Limited Partnership Limited Liability Partnership
Sole Proprietorship Governmental/Non-Profit Limited Liability Company
Federal Tax ID#: SSN#:

Above payment information must be provided prior to Contract approval. This information will be reported to the Internal Revenue Service (IRS) under the name and taxpayer ID number

submitted. (See I.R.S. 1099 for additional instructions regarding taxpayer ID numbers.) Information not matching IRS records could subject Contractor to 31% backup withholding.

OREGON INSTITUTE OF TECHNOLOGY CONTRACT PROVISIONS

- 1. ACCESS TO RECORDS. Contractor shall maintain books, records, documents, and other evidence and accounting procedures and practices sufficient to reflect properly all costs of whatever nature claimed to have been incurred and anticipated to be incurred in the performance of this Contract. The Oregon State Board of Higher Education ("Board"), Oregon Secretary of State, Federal Government, and their duly authorized representatives shall have access to the books, documents, papers, and records of Contractor which are directly pertinent to this Contract for the purpose of making audit, examination, excerpts, and transcripts. Such books and records shall be maintained by Contractor for a minimum of three (3) years, or such longer period as may be required by applicable law, following final payment and termination of this Contract, or until the conclusion of any audit, controversy or litigation arising out of or related to this Contract, whichever date is later.
- **2. AVAILABILITY OF FUNDS.** OIT certifies that sufficient funds are available and authorized for expenditure to finance costs of this Contract within its current biennial appropriation or expenditure limitation, provided, however, that continuation of this contract, or any extension, after the end of the fiscal period in which it is written, is contingent on a new appropriation or limitation for each succeeding fiscal period sufficient in amount, in the exercise of the OIT's reasonable administrative discretion, to continue to make payments under this Contract.
- **3. CAPTIONS.** The captions or headings in this Contract are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Contract.
- 4. COMPLIANCE WITH APPLICABLE LAW. Contractor shall comply with all federal, state, county, and local laws, ordinances, and regulations applicable to the work to be done under this Contract. Contractor specifically agrees to comply with all applicable requirements of federal and state civil rights and rehabilitation statutes, rules, and regulations. Contractor shall also comply with the Americans with Disabilities Act of 1990 (Pub. L. No. 101-336), title VI of the civil Rights Act of 1964, Section V of the Rehabilitation Act of 1973, ORS 659A.142, and all regulations and administrative rules established pursuant to those laws. Contractor further agrees to make payments promptly when due, to all persons supplying to such Contractor, labor or materials for the prosecution of the work provided in this Contract; pay all contributions or amounts due the Industrial Accident Funds from such Contractor responsibilities incurred in the performance of this Contract; not permit any lien or claim to be filed or prosecuted against the state on account of any labor or material furnished; pay to the Department of Revenue all sums withheld from employees pursuant to ORS 316.167. If Contractor fails or refuses to make any such payments required herein, the appropriate OIT official may pay such claim. Any payment of a claim in the manner authorized in this section shall not relieve the Contractor or Contractor's surety from obligation with respect to unpaid claims. Contractor shall promptly pay any person or entity that furnishes medical care to Contractor's employees those sums which Contractor agreed to pay for such services and all money Contractor collected or deducted from employee's wages to provide such services.
- **5. DISCLOSURE OF SOCIAL SECURITY NUMBER.** Contractor must provide Contractor's Social Security number unless Contractor provides a federal tax ID number. The number is requested pursuant to ORS 305.385 and OAR 150-305-100. Social Security numbers provided pursuant to this authority will be used for the administration of state, federal and local tax laws. **6. EXECUTION AND COUNTERPARTS.** This Contract may be executed in several counterparts, each of which shall be an original, all of which shall constitute but one and the same instrument.

- **7. GOVERNING LAW.** This Contract shall be governed and construed in accordance with the laws of the State of Oregon without regard to principles of conflicts of law. Any claim, action, or suit between OIT and Contractor that arises out of or relates to the performance of this Contract shall be brought and conducted solely and exclusively within the Circuit Court for Marion County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. CONTRACTOR, BY EXECUTION OF THIS CONTRACT, HEREBY CONSENTS TO THE IN PERSONAM JURISDICTION OF SAID COURTS.
- **8. HAZARD COMMUNICATION.** Contractor shall notify OIT prior to using products containing hazardous chemicals to which OIT employees may be exposed. Products containing hazardous chemicals are those products defined by Oregon Administrative Rules, Chapter 437. Upon OIT's request, Contractor shall immediately provide Material Safety Data Sheets for the products subject to this provision.
- 9. INDEMNITY, RESPONSIBILITY FOR DAMAGES. Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay which may be caused by, or result from the conduct of work under this Contract, or from any act, omission, or neglect of Contractor, its subcontractors, or employees. Contractor shall save, defend, indemnify, and hold harmless the State of Oregon, the Board, OIT, their officers, agents, employees, and members from all claims, suits and actions of any nature resulting from or arising out of the activities or omissions of Contractor or its subcontractors, officers, agents, or employees acting under this Contract, and provided that OIT shall provide Contractor with prompt written notice of any such claim, suit, action or proceeding and reasonable assistance, at Contractor's expense, in the defense thereof. Contractor shall have control of the defense and settlement thereof, but neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of the State of Oregon or any agency of the State of Oregon, nor purport to act as legal representative of the State of Oregon or any of its agencies, without the prior written consent of the Oregon Attorney General. The State of Oregon may, at its election and expense, assume its own defense and settlement in the event that the State of Oregon determines that Contractor is prohibited from defending the State of Oregon, is not adequately defending its interests, or that an important governmental principle is at issue and the State of Oregon desires to assume its own defense.
- 10. INDEPENDENT CONTRACTOR STATUS. The service(s) to be rendered under this Contract are those of an independent contractor. Although the OIT reserves the right to determine (and modify) the delivery schedule for the Work to be performed and to evaluate the quality of the completed performance, OIT cannot and will not control the means or manner of Contractor's performance. Contractor is responsible for determining the appropriate means and manner of performing the work. Contractor is not to be considered an agent or employee of OIT for any purpose, and neither Contractor nor any of Contractor's agents or employees are entitled to any of the benefits that OIT provides its employees. Contractor will be solely and entirely responsible for its acts and for the acts of its agents or employees during the performance of this Contract. If Contractor is providing personal services as an individual, Contractor: (1) Is engaged as an independent contractor and will be responsible for any Federal or State taxes applicable to this payment, (2) Will not be eligible for any Federal Social Security, State Worker's Compensation, unemployment insurance, or Public Employees Retirement System benefits from this Contract payment; (3) Is not an officer, employee, or agent of the State as these terms are used in ORS 30.265 and will not be under the direction and control of OIT; (4) Is not currently employed by the Federal Government and the amount charged does not exceed the normal charge for the type of service provided if payment is to be charged against Federal funds and; (5) Must furnish Form 8233 in duplicate with this Contract if Contractor is a non-resident alien and claims exemption from Federal Withholding tax. The OIT will

report the total amount of all payments to Contractor, including any expenses, in accordance with Federal Internal Revenue Service and State of Oregon Department of Revenue regulations. (Also see Exhibit C.)

- **11. INSURANCE.** Contractor shall provide insurance as indicated on Exhibit B, attached hereto and by this reference made a part hereof. Insurance policies, which cannot be excess to a self-insurance program, are to be issued by an insurance company authorized to do business in the State of Oregon. The State of Oregon, acting by and through OIT and their officers and employees shall be included as an additional insured in said insurance policy. If any of the liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of this Contract for a duration of 24 months.
- **12. LIMITATION OF LIABILITIES.** Except for liability arising under or related to sections 15(A) or 23(B), neither party shall be liable for (i) any indirect, incidental, consequential or special damages under this Contract or (ii) any damages of any sort arising solely from the termination of this Contact in accordance with its terms.
- **13. NOTICES.** Except as otherwise expressly provided in this Contract, any communications between the parties hereto or notices to be given hereunder shall be given in writing by personal delivery, facsimile, or mailing the same, postage prepaid, to Contractor or OIT at the address or number set forth on the signature page of this Contract, or to such other addresses or numbers as either party may hereafter indicate. Any communication or notice so addressed and mailed shall be deemed to be given five (5) days after mailing. Any such communication or notice delivered by facsimile shall be deemed to be given when receipt of transmission is generated by the transmitting machine. To be effective against OIT, such facsimile transmission must be confirmed by telephone notice to OIT's supervising representative. Any communication or notice by personal delivery shall be deemed to be given when actually delivered.
- **14. OWNERSHIP OF WORK PRODUCT.** All work product of Contractor that results from this Contract (the "Work Product") is the exclusive property of OIT. OIT and Contractor intend that such Work Product be deemed "work made for hire" of which OIT shall be deemed the author. If for any reason the Work Product is not deemed "work for hire", Contractor hereby irrevocably assigns to OIT all of its right, title, and interest in and to any and all of the Work Product, whether arising from copyright, patent, trademark or trade secret, or any other state or federal intellectual property law or doctrine. Contractor shall execute such further documents and instruments as OIT may reasonably request in order to fully vest such rights in OIT. Contractor forever waives any and all rights relating to the Work Product, including without limitation, any and all rights arising under 17 USC § 106A or any other rights of identification of authorship or rights of approval, restriction or limitation on use or subsequent modifications.
- 15. REPRESENTATIONS AND WARRANTIES. (A) Contractor's Representations and Warranties. Contractor represents and warrants to OIT that (1) Contractor has the power and authority to enter into and perform this Contract, (2) this Contract, when executed and delivered, shall be a valid and binding obligation of Contractor enforceable in accordance with its terms, (3) the Work under this Contract shall be performed in a good and workmanlike manner and in accordance with the highest professional standards, (4) Contractor shall at all times during the term of this Contract, be qualified, professionally competent, and duly licensed to perform the Work, (5) all computer hardware and software delivered under this Contract will, individually and in combination, correctly process, sequence, calculate all date and date-related data for all dates prior to, through and after January 1, 2000, and (6) any software products delivered under this Contract that process date or date related data shall recognize, store and transmit date data in a format which explicitly and unambiguously specifies the correct century. (B) Contractor's Limitation of Liability. Contractor's liability with respect to items (5) and (6) above shall not exceed: (1) twice the total Contract amount (including any amendments) or (2) \$100,000, whichever is greater. (C) Warranties Cumulative. The

warranties set forth in this section are in addition to, and not in lieu of, any other warranties provided. **16. SURVIVAL.** All rights and obligations shall cease upon termination or expiration of this Contract, except for the rights and obligations set forth in the Section titled "Effective Date and Duration", and Sections 1, 7, 9, 12, 14, 15, 16, and 23.

- 17. SEVERABILITY. If any term or provision of this Contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Contract did not contain the particular term or provision held to be invalid.

 18. SUBCONTRACTS AND ASSIGNMENTS. Contractor shall not enter into any subcontracts for any of the work required by this Contract, or assign or transfer any of its interest in this Contract, without obtaining prior written approval from the OIT. In addition to any provisions the OIT may require, Contractor shall include in any permitted subcontract under this Contract a requirement that the subcontractor be bound by this section and Sections 1, 9, 14, and 27 as if the subcontractor were the Contractor. OIT's consent to any subcontract shall not relieve Contractor of any of its duties or obligations under this Contract.
- **19. SUCCESSORS IN INTEREST.** The provisions of this Contract shall be binding upon and shall inure to the benefit of the parties hereto, and their respective authorized successors and assigns. **20. TAX COMPLIANCE CERTIFICATION.** Contractor hereby affirms, under penalty of perjury, as provided in ORS 305.385(6), that to the best of Contractor's knowledge Contractor is not in violation of any of the tax laws described in ORS 305.380(4).
- 21. TERMINATIONS. (A) This Contract may be terminated at any time by mutual consent of the parties, or by OIT for convenience upon thirty (30) days' notice to the Contractor. (B) In addition, the OIT may terminate this Contract effective upon delivery of notice to Contractor, or at such later date as may be established by the OIT, if (i) Federal or state laws, rules, regulations or guidelines are modified, changed, or interpreted in such a way that either the work under this Contract is prohibited or OIT is prohibited from paying for such work from the planned funding source; or (ii) Any license or certificate required by law or regulation to be held by the Contractor to provide the services required by this Contract is for any reason denied, revoked, or not renewed. (C) This Contract may also be immediately terminated by OIT for default (including breach of Contract) if (i) Contractor fails to provide services or materials called for by this Contract within the time specified herein or any extension thereof; or (ii) Contractor fails to perform any of the other provisions of this Contract or so fails to pursue the work as to endanger performance of this Contract in accordance with its terms, and after receipt of notice from OIT, fails to correct such failure within ten business days.

 22. TERMINATION DUE TO NONAPPROPRIATION OF FUNDS. If sufficient funds are not
- 22. TERMINATION DUE TO NONAPPROPRIATION OF FUNDS. If sufficient funds are not provided in future legislatively approved budgets of OIT (or from applicable Federal, state, or other sources) to permit OIT in the exercise of its reasonable administrative discretion to continue this Contract, or if OIT or the program for which this Contract was executed is abolished, the OIT may terminate this Contract without further liability by giving Contractor not less than thirty (30) days notice. In determining the availability of funds from the Oregon Legislature for this Contract, OIT may use the budget adopted for it by the Joint Ways and Means Committee of the Oregon Legislative Assembly.
- **23. REMEDIES.** (A) In the event of termination pursuant to Sections 21(A) and (B)(i) and 22, Contractor's sole remedy shall be a claim for the sum designated for accomplishing the work multiplied by the percentage of work completed and accepted by the OIT, less previous amounts paid and any claim(s) which the OIT has against Contractor. If previous amounts paid to Contractor exceed the amount due to Contractor under this subsection, Contractor shall pay any excess to OIT on demand. (B) In the event of termination pursuant to Sections 21(B)(ii) or (C), OIT shall have any remedy available to it in law or equity. If it is determined for any reason that Contractor was not in default under these subsections, the rights and obligations of the parties shall be the same as if the

Contract was terminated pursuant to Section 21(A). (C) Upon receiving a notice of termination of this Contract, Contractor shall immediately cease all activities under this Contract, unless OIT expressly directs otherwise in such notice of termination. Upon termination of this Contract, Contractor shall deliver to OIT all documents, information, works-in-progress and other property that are or would be deliverables had the Contract work been completed. Upon OIT's request, Contractor shall surrender to anyone OIT designates, all documents, research or objects or other tangible things needed to complete the work.

- **24. NO THIRD PARTY BENEFICIARIES.** OIT and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms. Nothing in this Contract gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly or otherwise, to third persons unless such third persons are individually identified by name herein and expressly described as intended beneficiaries of the terms of this Contract.
- **25. TIME IS OF THE ESSENCE.** Contractor agrees that time is of the essence under this Contract. **26. FOREIGN CONTRACTOR.** If the Contractor is not domiciled in or registered to do business in the State of Oregon, Contractor shall promptly provide to the Oregon Department of Revenue and the Secretary of State, Corporate Division, all information required by those agencies relative to this Contract. The Contractor shall demonstrate its legal capacity to perform these services in the State of Oregon prior to entering into this Contract.
- **27. FORCE MAJEURE.** Neither OIT nor Contractor shall be held responsible for delay or default caused by fire, riot, acts of God, or war where such cause was beyond, respectively, OIT's or Contractor's reasonable control. Contractor shall, however, make all reasonable efforts to remove or eliminate such a cause of delay or default and shall upon the cessation of the cause, diligently pursue performance of its obligations under this Contract.
- **28. WAIVER.** The failure of OIT to enforce any provision of this Contract shall not constitute a waiver by OIT of that or any other provision.
- **29. RECYCLING.** In the performance of this Contract the Contractor shall use, to the maximum extent economically feasible, recycled paper.

MERGER. THIS CONTRACT CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, OR REPRESENTATIONS, ORAL OR WRITTEN, NOT SPECIFIED HEREIN REGARDING THIS CONTRACT. NO AMENDMENT, CONSENT, OR WAIVER OF TERMS OF THIS CONTRACT SHALL BIND EITHER PARTY UNLESS IN WRITING AND SIGNED BY ALL PARTIES AND ALL NECESSARY STATE APPROVALS HAVING BEEN OBTAINED. ANY SUCH AMENDMENT, CONSENT, OR WAIVER SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN. CONTRACTOR, BY THE SIGNATURE HERETO OF ITS AUTHORIZED REPRESENTATIVE, ACKNOWLEDGES HAVING READ AND UNDERSTOOD THIS CONTRACT AND CONTRACTOR AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

Certification: I, under penalties of perjury, do hereby certify that (a) the number shown on this form is my correct taxpayer ID (or I am waiting for the number to be issued to me), and (b) I am not subject to backup withholding because (i) I am exempt from backup withholding or (ii) I have not been notified by the Internal Revenue Service that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (iii) the IRS has notified me that I am no longer subject to backup withholding.

I, the undersigned also (a) agree to perform the work required by Exhibit A in accordance with

the terms and conditions; (b) certify under penalty of perjury that I/my business am not/is not in violation of any Oregon tax laws; (c) certify that I am an independent contractor as defined in ORS 670.600; (d) certify that I am authorized to act on behalf of Contractor; (e) the statements contained in Exhibit C attached hereto are true and correct; and (f) understand that the Board has adopted policies applicable to contractors that prohibit sexual harassment and accept that my company and its employees are required to adhere to the institution's policy prohibiting sexual harassment in their interactions with members of the OIT community.

CONTRACTOR AND OIT SIGNATURES

, CONTRACTOR		The State of Oregon acting by and through the State Board of Higher Education, on behalf of the Oregon Institute of Technology, OIT						
Signature	Date	Signature	Date					
Print Name		Print Name						
Title		Title						

EXHIBIT A PERSONAL/PROFESSIONAL SERVICES CONTRACT Contract

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Contractor shall

CONSIDERATION

- a. Payment for all work performed under this Contract shall be subject to the provisions of ORS 293.462 and shall not exceed the total maximum sum of \$______. Invoices may be submitted to the OIT Representative at:
- b. Interim payments shall be made to Contractor following OIT's review and approval of invoices submitted by Contractor. Contractor shall not submit invoices for, and OIT will not pay, any amount in excess of the maximum compensation amount set forth above. If this maximum compensation amount is increased by amendment of this Contract, the amendment must be fully effective before Contractor performs work subject to the amendment.
- c. Contractor shall submit monthly invoices for work performed. The invoice **shall describe** all work performed with particularity, by whom it was performed, and shall itemize and explain all expenses for which reimbursement is claimed. The billings shall also include the total amount billed to date by Contractor prior to the current invoice.

TRAVEL AND OTHER EXPENSES

(Will not be reimbursed. This is a fixed fee Contract.) (Travel expenses are reimbursable in accordance with the OIT Contractor Travel Reimbursement Policy, attached in Exhibit D. Travel and expense reimbursement is notin addition to the not to exceed amount.

EXHIBIT B INSURANCE

During the term of this Contract, Contractor shall maintain in full force at its own expense, each insurance noted below:

noted below: 1. Required by OIT of Contractor with one or more workers, as defined by ORS 656.027. Contractor, its subcontractors, if any, and all employers providing work, labor, or materials under this Contract are subject employers under the Oregon Workers' Compensation Law, and shall either comply with ORS 656.017, which requires said employers to provide workers' compensation coverage that satisfies Oregon law for all their subject workers, or shall comply with the exemption set out in ORS 656.126. 2. \square Required by OIT \square Not required by OIT. Professional Liability insurance with a combined single limit, or the equivalent, of not less than \$200,000, \$500,000, \$1,000,000, or \$2,000,000 for each claim, incident or occurrence. This is to cover damages caused by error, omission or negligent acts related to the professional services to be provided under this Contract. 3. \square Required by OIT \square Not required by OIT. General Liability insurance with a combined single limit, or the equivalent, of not less than \$200,000, \$500,000, \$1,000,000, or \$\$2,000,000 for each occurrence for Bodily Injury and Property Damage. It shall include contractual liability coverage for the indemnity provided under this Contract. It shall provide that the State of Oregon, OIT and divisions, officers, and employees are Additional Insureds but only with respect to the Contractor's services to be provided under this Contract. 4. \square Required by OIT \square Not required by OIT. Automobile Liability insurance with a combined single limit, or the equivalent, of not less than Oregon Financial Responsibility Law (ORS 806.060), \$\Bigcap \\$200,000, \$\Bigcap \\$500,000, or \$\Bigcap\$ \$1,000,000 for each accident for Bodily Injury and Property Damage, including coverage for owned, hired or non-owned vehicles, as applicable. 5. Certificates of Insurance. As evidence of the General Liability and Automobile Liability insurance coverage required by this Contract, the Contractor shall furnish an endorsement from the insurance company naming the State of Oregon, acting by and through the State Board of Higher Education, on behalf of OIT, its officers and employees as additional insureds with respect to the work of this Contract. Insuring companies or entities are subject to State acceptance. If requested, complete copies of insurance policies, trust agreements, etc. shall be provided to the State. The Contractor shall be financially responsible for all pertinent deductibles, self-insured retentions and/or selfinsurance.

limits or intent not to renew the insurance coverage(s) without thirty (30) days written notice from the Contractor or its insurer(s) to OIT at the following address: Purchasing and Contract Services, 3201

6. Notice of cancellation or change. There shall be no cancellation, material change, reduction of

Campus Drive, Klamath Falls, OR 97601.

EXHIBIT C

CERTIFICATION STATEMENT FOR INDEPENDENT CONTRACTOR

(Contractor completes if Contractor is not a corporation or is a Professional Corporation)

Contractor certifies he/she is independent and meets the following standards:

- 1. Registered under ORS Chapter 701 to provide services for which such registration is required.
- 2. Filed all federal and state income tax returns in the name of my business or a business Schedule C as part of the personal income tax return, for the previous year, or expect to file federal and state income tax returns, for services performed as an independent contractor in the previous year.
- 3. Furnish the tools or equipment necessary for the contracted labor or services.
- 4. Authority to hire and fire employees who perform the labor or services.
- 5. Represent to the public that the services are to be provided by independently established business as four (4) or more of the following circumstances exist. Check four or more of the following:
 ______A. The labor or services are primarily carried out at a location that is separate from my residence or is primarily carried out in a specific portion of my residence, which is set aside as the location of the business.
 ______B. Commercial advertising or business cards are purchased for the business, or I have a trade association membership;
 ______C. Telephone listing is used for the business that is separate form the personal residence listing.
 ______D. Services are performed only pursuant to written contracts.
 ______E. Services are performed for two or more different persons within a period of one year.
 ______F. I assume financial responsible for defective workmanship or for service not provided as evidenced by the ownership of performance bonds, warranties, errors and omission insurance or liability insurance relating to the services to be provided.
 Contractor Signature



Oregon TECH OIT Contractor Travel Reimbursement Policy Rates Effective May 1, 2012

Rates Effective May 1, 2012											
Category	Rate Summary	Policy									
Instate Travel: Meal per diem \$52 B = \$13.00 L = \$13.00 D = \$26.00	All Oregon Cities Meals \$52.00 Lodging * \$111.00 *Actual, up to rate	 The per diem equals the federal rate using the <i>IRS's High-Low Substantiation Method</i>. All Oregon cities are currently Low Cost Cities. No receipts are required for meals and incidental expenses (these are reimbursed on a per diem basis). If meals are provided at the meeting or event, no meal per diem is allowed. No meal per diem is allowed on one day trips. Lodging tax is reimbursed as a miscellaneous expense. 									
Out-of-State, and		The per diem equals the federal rate using the IRS's									
Continental US Travel: High meal per diem \$65 B = \$16.25 L = \$16.25 D = \$32.50 Low meal per diem \$52 B = \$13.00 L = \$13.00 D = \$26.00	High: See list of High Cost Cities Meals \$65.00 Lodging * \$177.00 *Actual, up to rate Low: All other cities, Continental US Meals \$52.00 Lodging * \$111.00 *Actual, up to rate	 High-Low Substantiation Method (see http://www.ous.edu/cont-div/fasom/sec11/sec1104.php for listing of High Cost Localities). No receipts are required for meals and incidental expenses (these are reimbursed on a per diem basis). If meals are provided at the meeting or event, no meal per diem is allowed. No meal per diem is allowed on one day trips. Lodging tax is reimbursed as a miscellaneous expense. 									
Non-Continental US and Overseas Non-Foreign Areas (Alaska, Hawaii, Guam, etc.)	Contractor travel to these locations is minimal and the federal tables are complicated. Call for per diem rates.	 Contact OIT Office Business Affairs at 541-885-0567 for current per diem rates for these locations. If meals are provided at the meeting or event, no meal per diem is allowed. Lodging tax is reimbursed as a miscellaneous expense for Alaska, Hawaii, Puerto Rico, and US possessions. Lodging tax is included in the per diem for foreign travel. No receipts are required for meals and incidental expenses. 									
Mileage for Private Vehicle:	\$0.555 per mile.	 Mileage can be calculated one of 3 ways: Mileage Chart (see Excel file) Actual mileage (from the odometer) Mapping software (e.g., mapquest.com) Mileage cannot be claimed in addition to fees for rented vehicles and fuel expenses for a rented vehicle. Mileage not reimbursable unless one way trip exceeds 25 miles from origin to destination. 									

Pro-ration of meals for partial days involving an overnight stay:	INITIAL Day of Travel – Leave:	Prior to 7:00 am	7:00 am to 12:59 pm	1:00 pm and after
Meal per diems for initial day of travel and final day of travel will be based on the following schedule based on departure and arrival times:	Meal Allowance	Breakfast, Lunch, Dinner	Lunch, Dinner	Dinner
	FINAL Day of Travel – Return:	Prior to Noon	12:00 noon to 5:59 pm	6:00 pm and after
	Meal Allowance	Breakfast	Breakfast, Lunch	Breakfast, Lunch, Dinner

Rented Vehicles: Vehicle rental reimbursements will only be for compact and economy cars and their equivalent green class. Liability insurance issued through the vehicle rental company may be reimbursed. Other classes of vehicles may be rented for circumstances that are approved in advance by the contract representative for reasons that include space requirements or inclement weather conditions. Receipts are required.

Airfare: Only economy rate airfare, plus mandatory taxes and fees, will be reimbursed. Receipts are required.

Ground Transportation: Taxicab, train (coach or business class only), and airport shuttle fees will be reimbursed. Receipts are required if over \$75 per item.

Incidental Expenses: Incidental expenses are combined with the meal per diem rate and will not be separately reimbursed. Incidental expenses include, but are not limited to, expenses for laundry, cleaning and pressing of clothing, and fees and gratuities for services, such as for waiters, taxi drivers, and baggage handlers.

Miscellaneous Expenses: The miscellaneous expenses that can be reimbursed include: fuel expenses for a rented vehicle, parking, tolls, lodging taxes, and checked baggage for up to 2 standard-weight bags. Other miscellaneous expenses can be reimbursed only if approved in advance by the contract representative. All miscellaneous expenses must be itemized. Receipts are required if over \$25 per item.

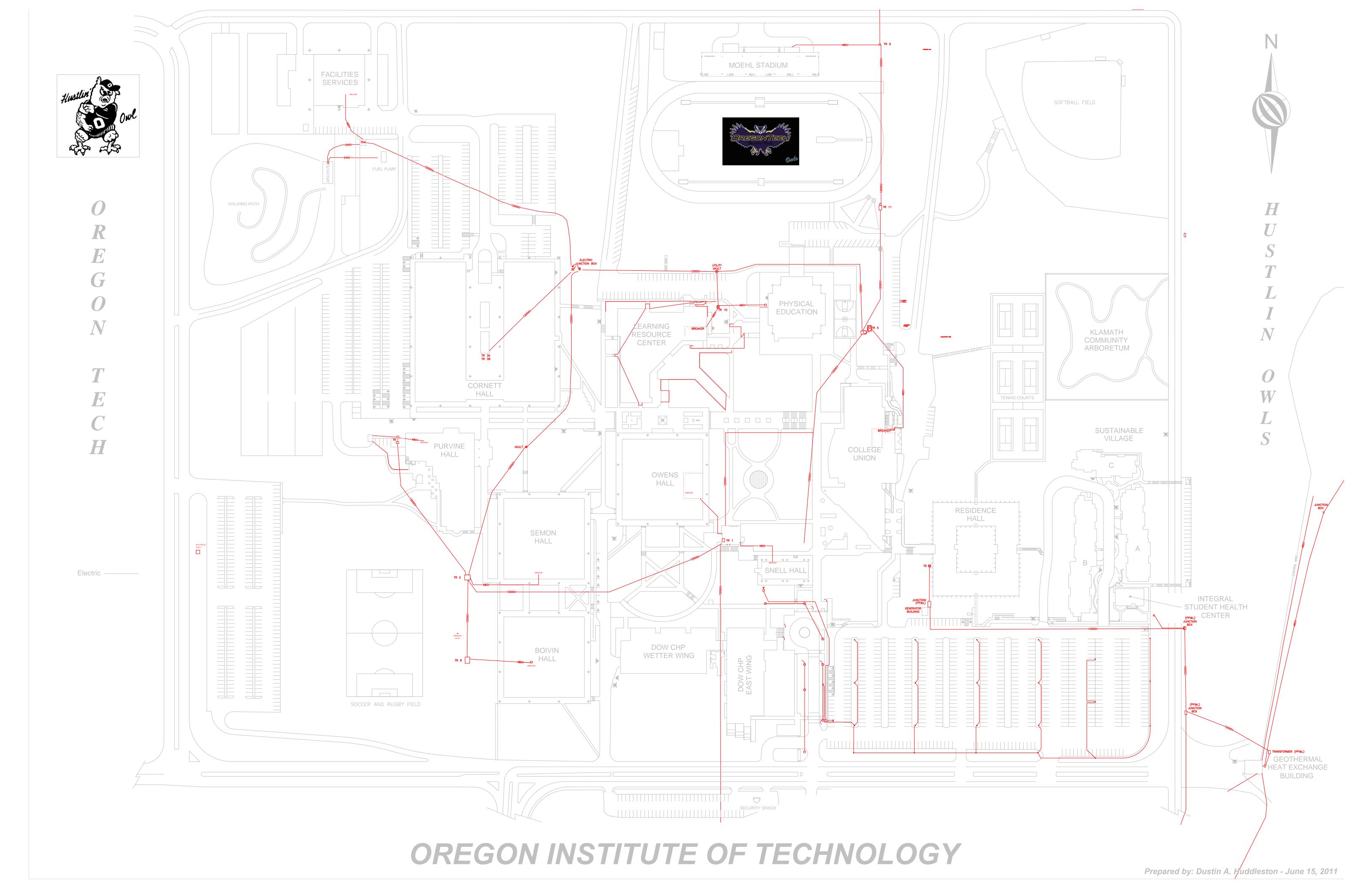
Hosting Expenses: If the scope of work in your contract authorizes reimbursement for hosting expenses, all expenses must be authorized prior to incurring costs. Contact the contract representative for allowable expenses.

Travel reimbursement rates may periodically change. Contractor shall be responsible for ensuring that travel reimbursement requests are in accordance with the rates in effect at the time the expense was incurred. The current travel reimbursement rates may be found at http://www.ous.edu/cont-div/cobpp/28.05_contractortravel.php.

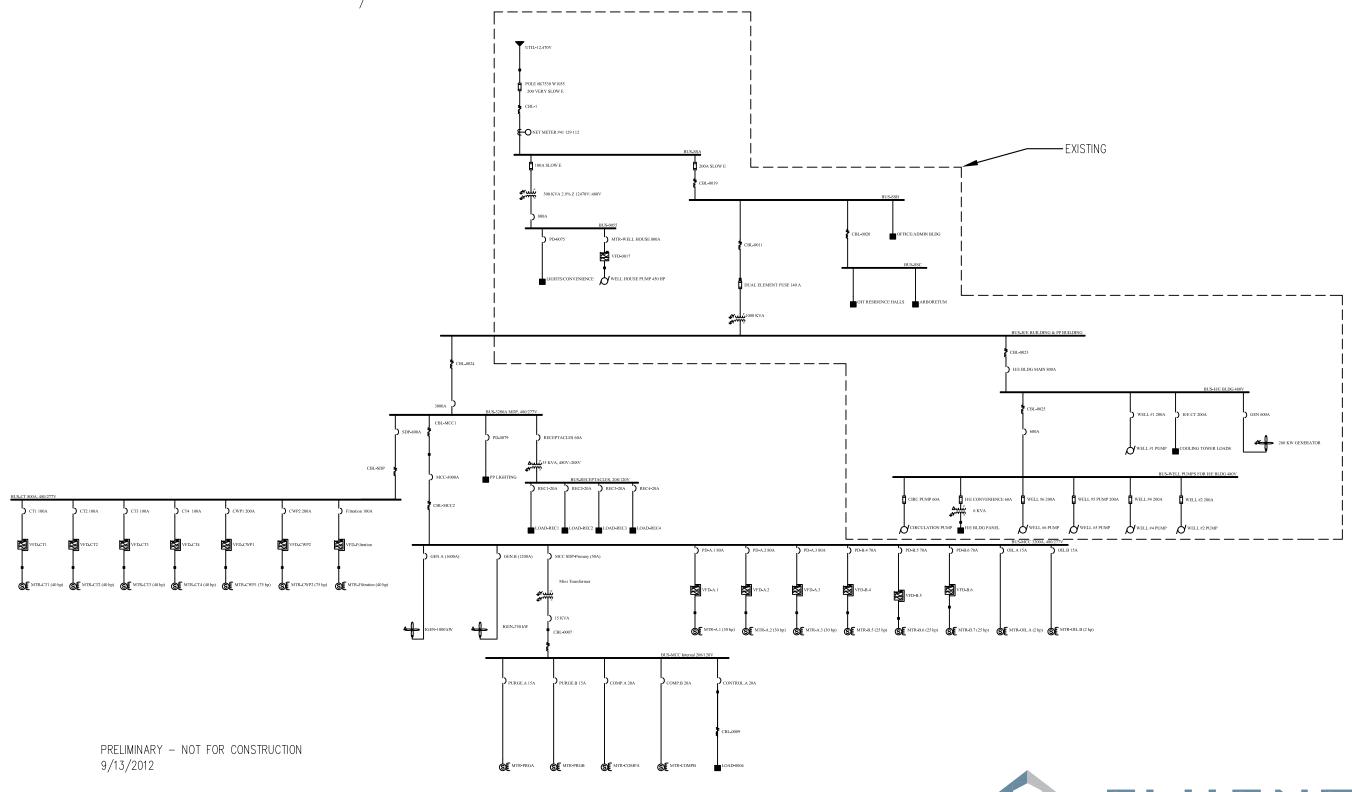
OIT prefers that requests for travel reimbursement be made by completing the Contractor's Travel Reimbursement Request.

APPENDIX A

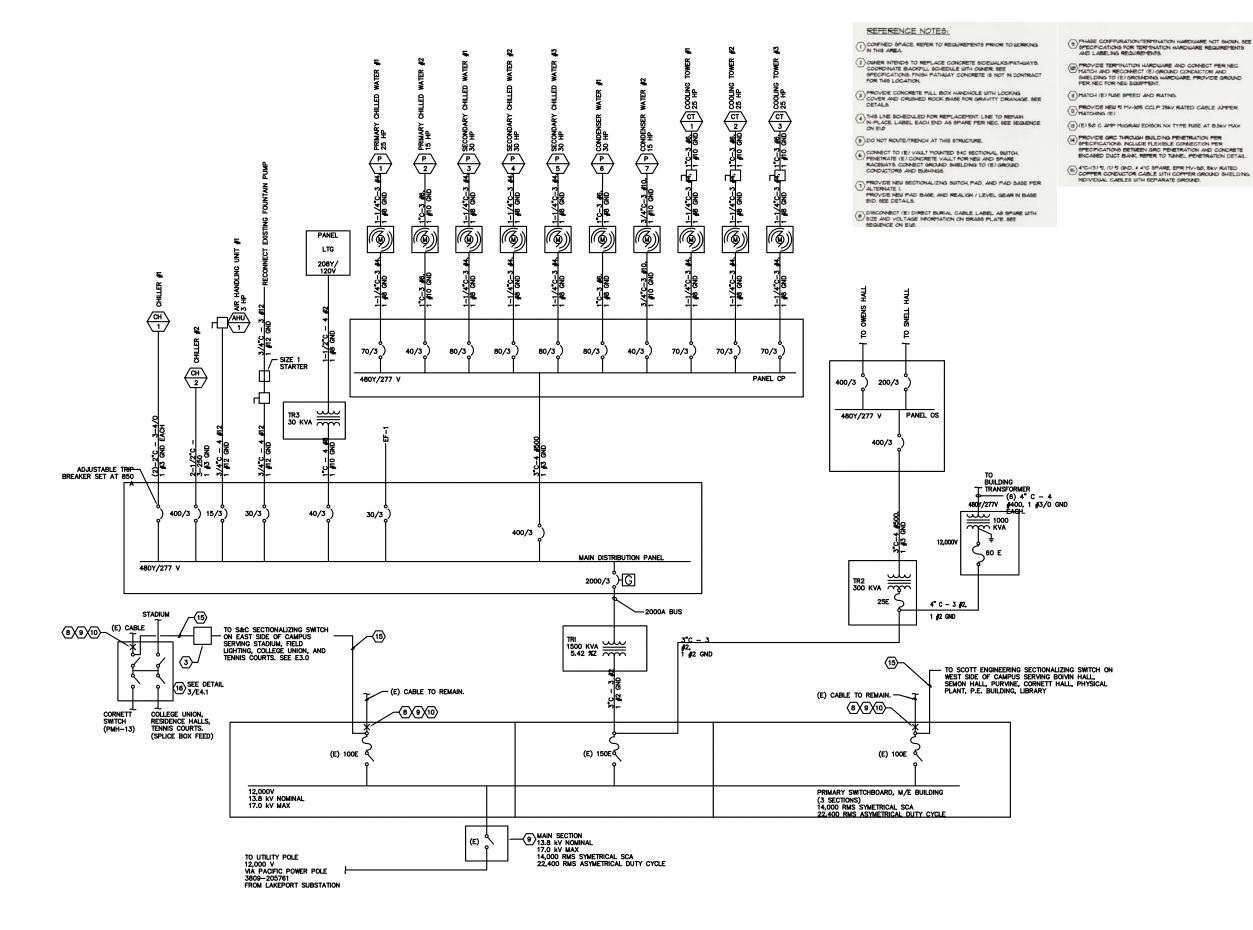
- Campus Map Utilities
- OIT Distribution and GPPU One-Line
- Oregon Tech Building Square Footage
- Partial OIT Campus One-Line
- Partial Upper OIT Campus One-Line
- Wilsonville Electrical As-Built 11
- Wilsonville Electrical As-Built 12
- Wilsonville Electrical As-Built 13
- Wilsonville Electrical As-Built 14
- Wilsonville Electrical As-Built 15
- Wilsonville Electrical As-Built 16

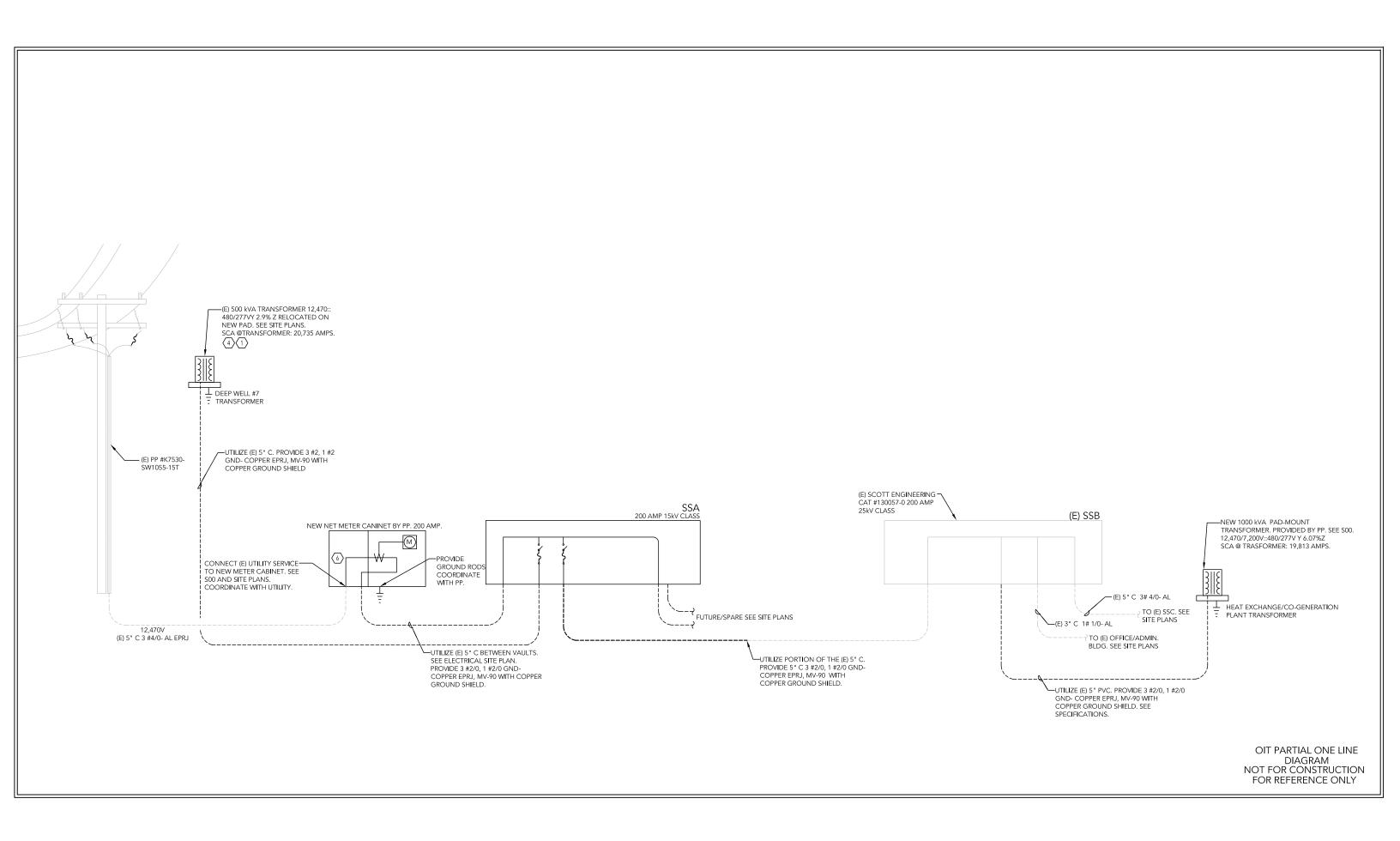


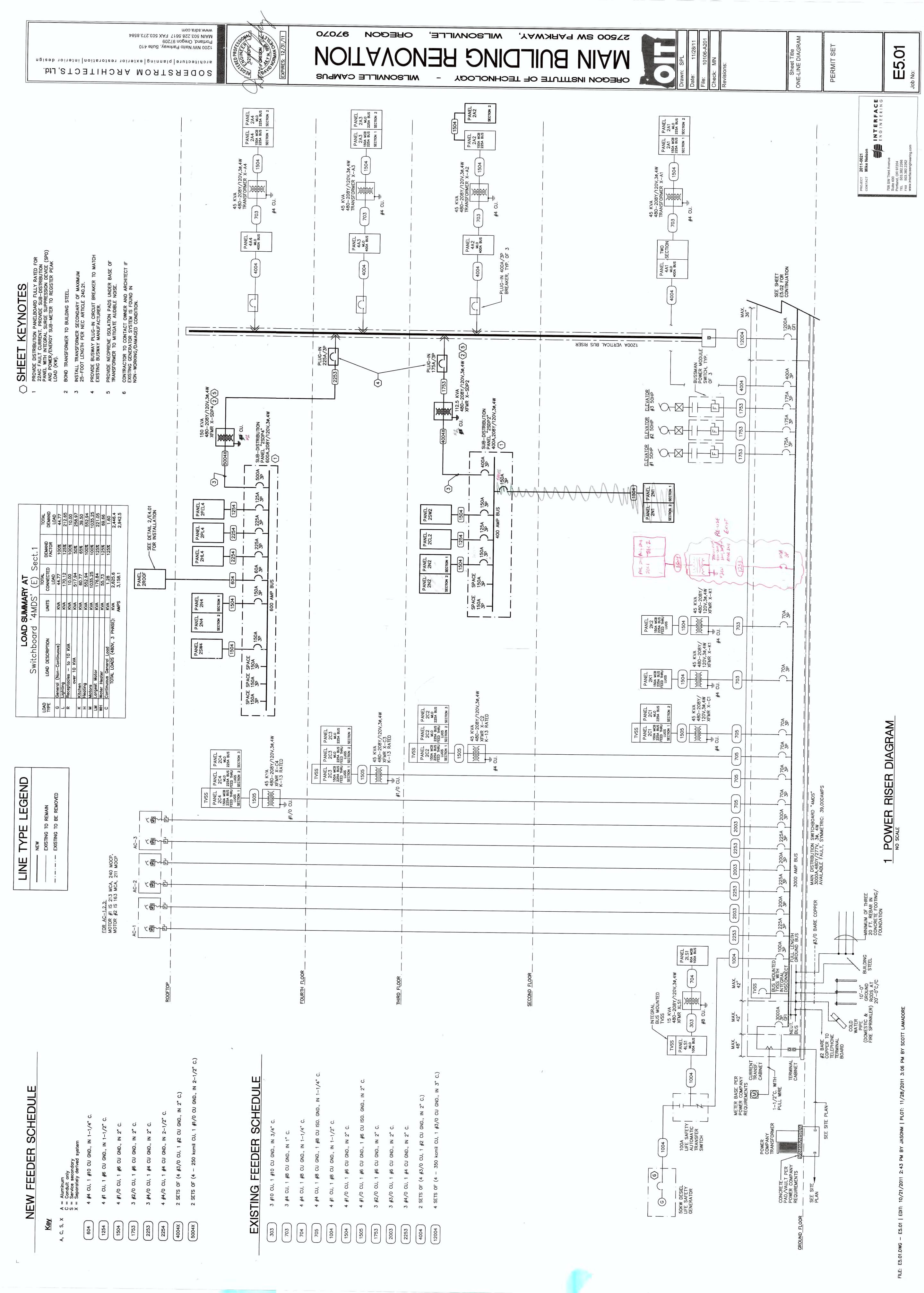
OIT GPPU/DISTRIBUTION SYSTEM

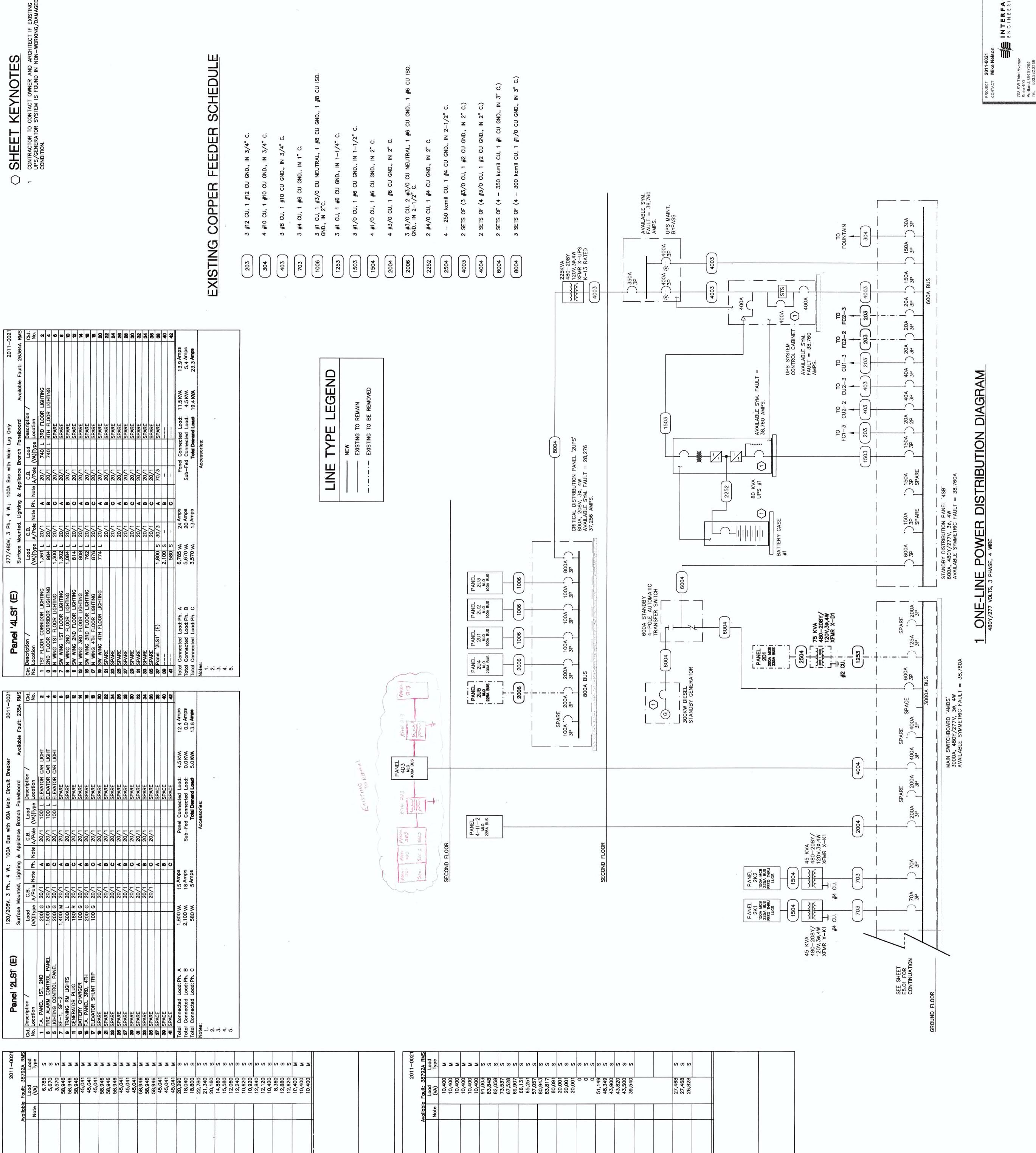


Building:		Total Area in Sq ft	Used For
Archives	1990	1137	File Storage
Athletic Storage	1982	920	Storage
Boivin Hall	1977	45,270	Labs/Classrooms
Cornett Hall	1964	91,374	Labs/Classrooms
College Union	1964,70,78,2001	75,167	Multi Purpose
DOW Center - West	2007	40,351	Labs/Classrooms
DOW Center - East	2009	46,035	Labs/Classrooms
Facilities Services	1975	20,115	Campus Maintainace
Facilities Storage		2400	Storage
Gymnasium	1965	54,621	Athletics
Heat Exchange	1965	1,264	Heating / Geo
Student Health	1997	46,537	Health
Moehl Stadium	1982	1,815	Track and Field
Mech/Elec	1964	1,761	Electric Sorce
Owens Hall	1964	37,237	Labs/Classroom
Purvine Hall	1987	45,474	Labs/Classroom
Residence Hall	1968	103,242	Housing
Semon Hall	1964	35,509	Labs/Classroom
Snell Hall	1964	14,138	Administration
Village		97,261	Housing
Total:		760,491	









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architecture | planning | exterior restoration | interior design

SODERSTROM ARCHITECTS, Ltd.

02026

3,230.9 Amps 2,942.5 Amps

Panel '2C1' Sect. 1 (E)
VIA TRANSFORMER 'X-C1'
---Panel '2K1' (E)

EVATOR #1 (E)

Sect.1

Switchboard '4MDS' (E)

Sect.2

Œ

Switchboard '4MDS'

Panel '4A3' (E)

'4D3' (E)

OPEGON

WILSONVILLE CAMPUS

MILSONVILLE,

27500 SW PARKWAY,

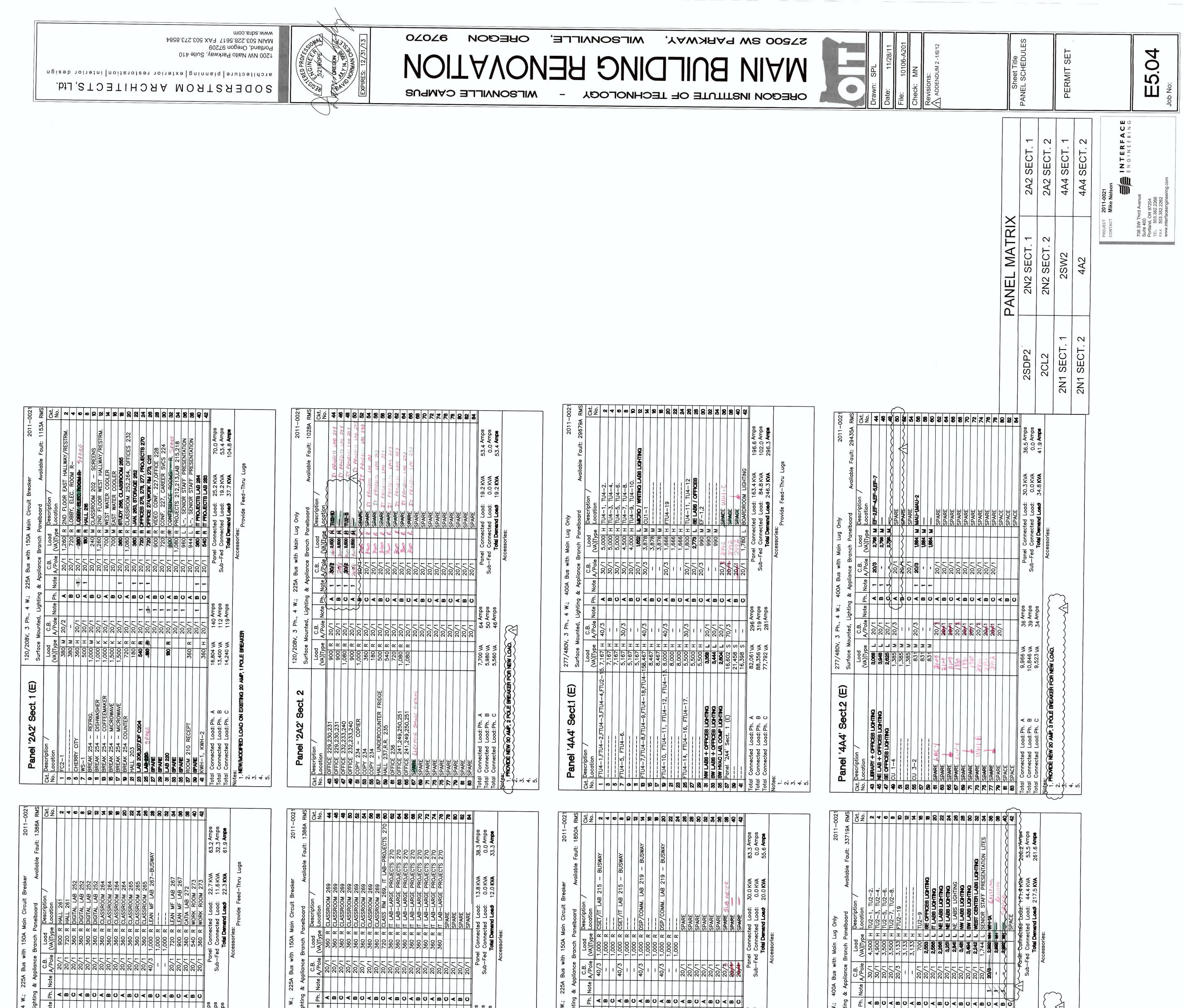
OREGON INSTITUTE OF TECHNOLOGY

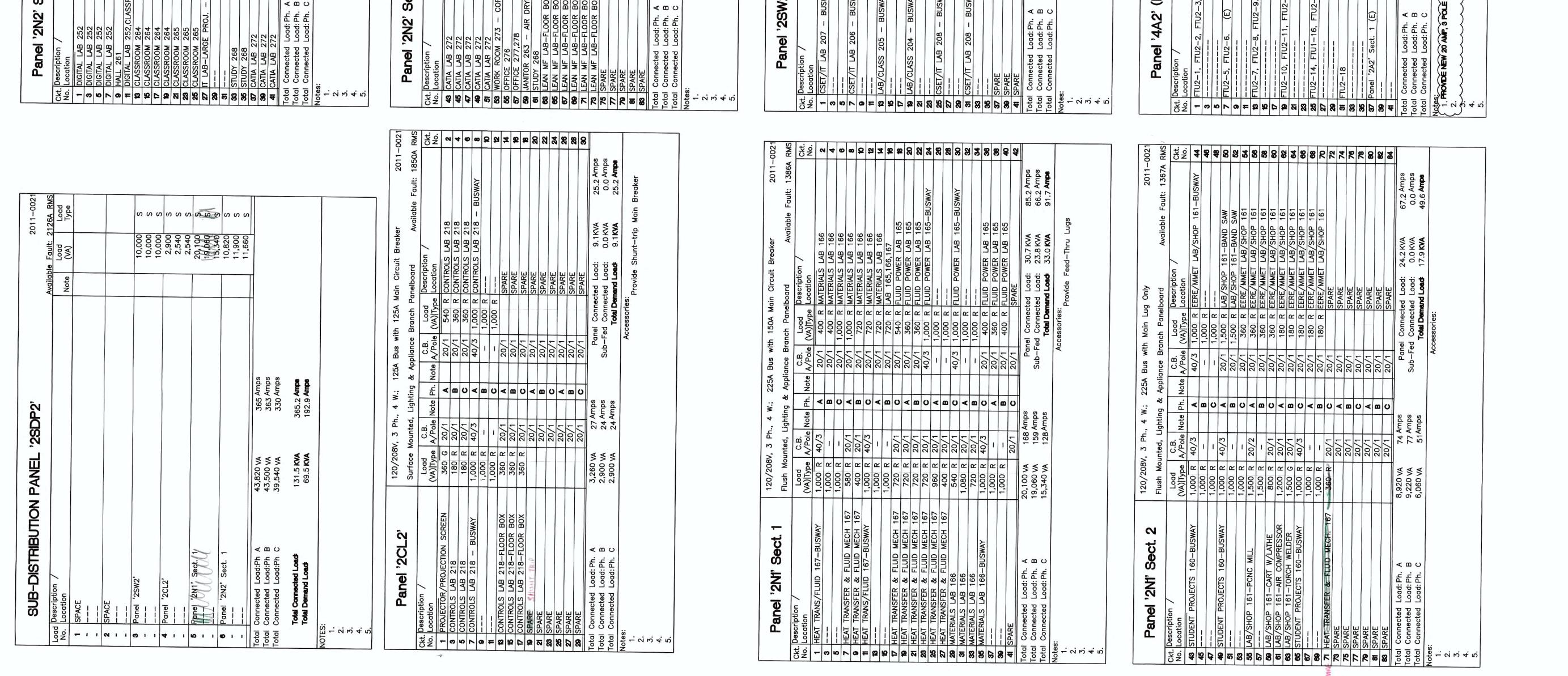
E: E5.02.DWG - E5.02 | EDIT: 10/24/2011 8:59 AM BY JEFFREYG | PLOT: 11/28/2011 3:06 PM BY SCOTT LAMA

1,713 Amps 1,662 Amps 1,588 Amps 1,713.5 Amps 1,542.0 Amps

474,852 VA 460,562 VA 440,182 VA 1,424.6 KVA 1,282.0 KVA E5.02







2

360 R 20/1 1,000 R -

(AA)|Type 6,000 H 6,000 H 6,000 H 5,667 H 5,667 H 5,667 H 5,500 H 7,500 H

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200 G 1,456 M 280 R 250 M 25

Sect. 1 (E)

02026

#80 R 20/1 360 R 20/1 180 R 20/1 400 R 20/1 360 R 20/1 360 R 20/1 720 R 20/1

Panel '2A4' Sect.

OPEGON

WILSONVILLE,

27500 SW PARKWAY,

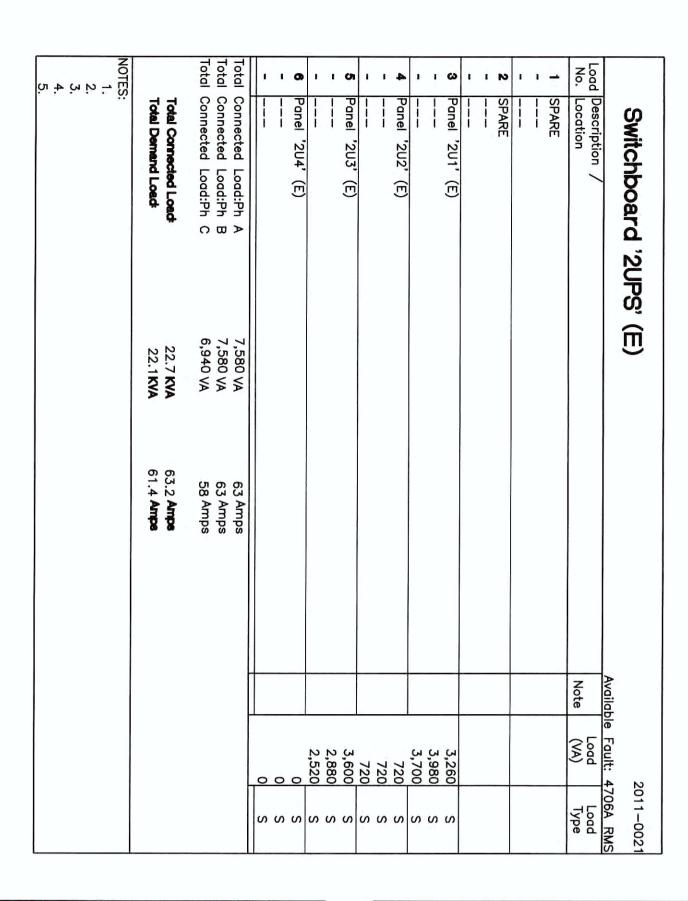
Ampe

153.4 KVA 116.5 KVA

Panel '2ROOF'

0.5 Amps 0.0 Amps 0.5 **Amps**

80 0 4 4 4



NOTES: 1. 2. 3.			Total Total		ı Ki		=		ਂ ਰ	1 60	, 00		. 7		1 00		1 0	1	1	4	ı, i	ယ	1 1		ı		No.	
	Total Connected Load: Total Demand Load:		Connected Load:Ph A Connected Load:Ph B		FOUNTAIN		UPS MAINTANCE BYPASS		UPS BYPASS SWITCH	SPARE	SPARE		CU1-3	1	CU2-3			2	1	FC1-3		UPS-1		SPARE	1	SPARE	Load Description / No. Location	Office IDOR Of 40D
	82.4 KVA 86.3 KVA	26,828 VA	27,468 VA 27,468 VA																									f
	99.1 Amps 103.8 Amps	97 Amps	99 Amps 99 Amps																									
																											Note	Available
				4,155	4,155 4,155							3,102	3,102	6,094	6,094	6,094	6,094	443	443	6,940	7,580	7,580					Load (VA)	Fault: 3
				Z 3	2 2	ଜ	ာဂ	റ	ာ ၈								K K		₹ :								Load Type	35997A RMS

Notes:	Total Connected	Total Connected	Total Connected	41 SPACE	8	37 SPARE	8	33 SPARE	3	29 SPARE	27 —	25 SPARE	1	21 SPARE	15	17 SPARE	5 5	SPARE	-	9 SPARE	7 —	5 SPARE	3	1 SPARE	Ckt. Description No. Location	2	D
lotes: 1. NEW/MODIFIED LOAD ON EXISTING 20 AMP, 1 POLE BREAKER 2.	Load:Ph. C	Load: Ph. B	Load: Ph. A																							(L)	Panel '2 (□)
AP, 1 POLE BREAK	0 VA	OVA	O VA																						Load (VA) Type	Surface Mounted, Lighting	120/208V, 3 Ph.,
Ĥ		0	0		ı	30/2	1	30/2	1	30/2	1	30/2	-	30/2	ı	30/2	1	30/2	1	30/2	1	30/2	-	30/2	C.B. A/Pole	Mounted,	V, 3 Ph.
	0 Amps	0 Amps	0 Amps	•	-	1	1	1	1	-	-	1	1 (-	1	-	-	1 /	-	_	-	-	1	1	Note P	Lightir	, 4 W.;
				င	60	A 1	ဂ 1	B 1	A 1	C 1	8	A 1	C 1	B 1	A 1	က 1	8	A 1	ი _	B	>	С 1	B 1	A 1	Ph. Note	1	
		Sub-Fed	Po		1	30/2	1	30/2	ı	30/2	1	30/2	ı	30/2	1	30/2	1	30/2	ı	30/2	1	30/2	1	30/2	C.B. te A/Pole	& Appliance	200A Bus with
Accessories:	Total De		Panel Connected																						Load (VA) Type	Branch Panelboard	Main
••	Total Demand Load		ted Load:	SPACE	I	SPARE	I	SPARE	I	SPARE	T	SPARE	I	SPARE	T	SPARE	1	SPARE	T	SPARE	I	SPARE	I	SPARE	Description Location	anelboard	Lug Only
	0.0 KVA	0.0 KVA	0.0 KVA																						/	Availa	
	0.0 Amps	0.0 Amps	0.0 Amps																							Available Fault: 3942A RMS	201
		•	"	42	6	88	8	2	33	8	88	28	24	8	8	ᄚ	a	Z.	15	ಕ	00	0	4	N	Ckt.	2A RM	2011-0021

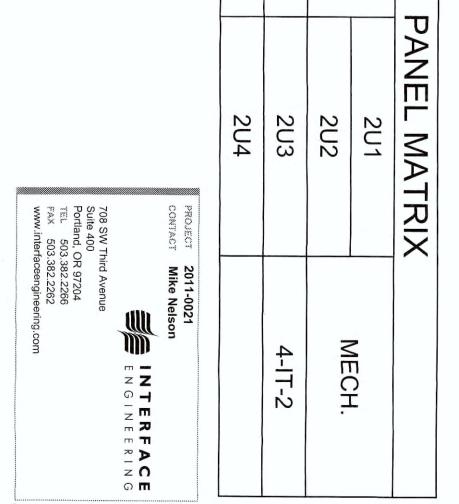
				Accessories:	Ą				AK GE	1 POLE BRE	tes: 1. NEW/MODIFIED LOAD ON EXISTING 20 AMP, 1 POLE BREAKER 2. 3.	Notes 1. 2 . 3.
	25.0 Amps	9.0 KVA	and Load:	Total Demand Load			S	21Amps		2,520 VA	Total Connected Load:Ph. C	otal
	0.0 Amps	0.0 KVA	ed Load:	Sub-Fed Connected	Sub-Fe		SG	24 Amps	_	2,880 VA	Load: Ph.	Total
ı	25.0 Amps	9.0 KVA	ed Load:	el Connected	Panel		S	30 Amps		3,600 VA	Connected Load: Ph. A	Total
42			1		1		ဂ	1	201		SPARE	4
8			SPARE	GS	20/2		80	19	20,		SPARE	
88		FLR MDF	OUTLET 1ST	360 G G	20/1		A	/1	20,		SPARE	
88			3FAP48	*	20/1	-	ဂ	,				
2		FLR MDF	OUTLET 1ST	360 G C	20/1		œ	/2	20,		SPARE	
ಜ	JUNE KALL	24 121 3	STING CO	360 G -	20/1		>	<u></u>	20,		SPARE	
8	PARE	A2	IST IBTINO	360 G	20/2		ဂ	<u>\</u>	20,		SPARE	_
28			OUTLET 1ST	360 G C	20/1		B	/1	20,		SPARE	
28		FLR MDF	OUTLET 1ST	360 G (20/1		A	/1	G 20,	360 (OUTLET 1ST FLR MDF	
24	,			ဝ	1/26		င	/1	G 20/	360 (OUTLET 1ST FLR MDF	_
23	SAMPE)	FLR MDF	ISI ISIIDO	G	20/2		00	/1 1	20/		SPARE	13
8		1ST FLR MDF	OUTLET 1ST	င	20/1		A	/1	20/		SPARE	ಹ
西		FLR MDF	OUTLET 1ST	G	20/1		C	20/1	20		SPARE	7
ಹ				360 G -	1		В	20/1	G 20	360 (OUTLET 1ST FLR MDF	꺙
Z.	RAK	1ST FLR MDF	OUTLET 1ST	ဂ	20/2		A	20/1	G 20	360 (OUTLET 1ST FLR MDF	び
rs				360 G -	1		C	20/1	G 20	360 (OUTLET 1ST FLR MDF	=
ಕ	ZACK	FLR MDF	OUTLET 1ST	၀	20/2		В	20/1	G 20	360 (OUTLET 1ST FLR MDF	စ
8	MOF EPRE	807 181 8A	IN S - BAYES	10	20/1	-	A	/1	G 20,	360 (OUTLET 1ST FLR MDF	7
6	1200 JOH S	2 11 12 E	OF - SHYSB	300 8	20/1	-	C	/1	G 20/	360 (OUTLET 1ST FLR MDF	Ċī
4	JUAN HOLD B	TOET IN FILE	SPARE SO	Hotel R	20/1		В	/1	G 20/	360 (OUTLET 1ST FLR MDF	ယ
N	RACK	FLR MDF	OUTLET 1ST		20/1		A	20/1	G 20	360 (OUTLET 1ST FLR MDF	-
No.	R	/	Description Location	Load (VA) Type	C.B. A/Pole	Note	te Ph.	C.B. A/Pole Note		Load (VA) Type	Description / Location	~ 유
R.	e Fault: 3465A RMS	Available	Panelboard	Branch Pan	& Appliance i	& Ap	ghting	Surface Mounted, Lighting	Mou	Surface	- 2100	
8	2011-0021		Only	h Main Lug	100A Bus with Main	100A	4 W.;	Ph., 4)8V, 3	120/208V, 3 Ph.,	Panel '91!3' (E)	

SPARE 20/1 B 1 — 360 G 360 G<	Panel '2U2' (E) Ckt. Description / No. Location 1 SPARE	120/208V, 3 Ph., 4 W.; Surface Mounted, Lighting Load C.B. (VA) Type A/Pole Note Ph. 20/1 A	Ph., 4 W.; ted, Lightin 3. ole Note Pl		100A & App Note	% Appliance Br C.B. Note A/Pole (1 20/2	Main anch Load VA) Ty	Lug Only Panelboard Description / pe Location BPARE	A.	2011-0021 Available Fault: 3465A RMS Ckt. No.
SPARE 20/1 C 20/1 360 G SPARE 20/1 A 20/1 B 1 20/2 360 G G SPARE 20/1 360 G G SPARE 20/1 B 1 20/2 SPARE SPARE 20/1 C 1 - SPARE SPARE 20/1 A 20/1 SPARE 30/1 SPARE <t< td=""><td>3 SPARE</td><td>20/</td><td></td><td>₩ ></td><td></td><td>2/0/2</td><td>in the second</td><td>SPARE SPARE</td><td></td><td></td></t<>	3 SPARE	20/		₩ >		2/0/2	in the second	SPARE SPARE		
SPARE 20/1 A 20/1 360 G SPARE 20/1 B 1 20/2 - SPARE 20/1 C 1 - - SPARE 20/1 A 20/1 B 20/1 - SPARE 20/1 B 20/1 B 20/1 - - SPARE 20/1 A 20/1 B 20/1 -		20/		ဂ				MDF 1ST	1ST FLOOR	
SPARE 20/1 B 1 20/2 SPARE 20/1 A 20/1 A 20/1 SPARE 20/1 A 20/1 B 20/1 B 20/1 SO/1 S		20/	1	>		20/1		MDF 1ST		
SPARE 20/1 C 1 — SPARE 20/1 A 20/1 B 20/1 SPARE 20/1 B 20/1 B 20/1 SPARE 20/1 C 20/1 A 20/1 D SPARE 20/1 A 1 20/1 D D 20/1 D	9 SPARE	20/	/1	8	-	20/2		SPARE		
SPARE 20/1 A 20/1 SPARE 20/1 B 20/1 B 20/1 SPARE 20/1 C 20/1 C 20/1 SPARE 20/1 A 20/1 SPARE 20/1 A 20/1 SPARE 20/1 B 1 20/1 SPARE	11 SPARE	20/	7	ဂ	-	1		SPARE.	1	- 1
SPARE 20/1 B 20/1 C 20/1 A		20/	1	>				SPARE		
SPARE 20/1 C 20/1 A 1 20/1 A 20/2 A 1 20/1 A 20/2 A 1 20/1 A 20/2 A 20/2 360 G SPARE 301 Let 1 30	5 SPARE	20/	7	00		20/1		SP	SPARE	ARE
SPARE 20/1 A 20/1 B 1 20/1 SPARE SPARE 20/1 B 1 20/1 SPARE SPARE 20/1 C 1 20/1 SPARE 20/1 A 1 20/1 SPARE SPA	7 SPARE	20/	1	ဂ		20/1		Ϋ́	SPARE	ARE
SPARE 20/1 B 1 20/1 C 1 20/1 SPARE SPARE 20/1 A 1 20/1 A 1 20/1 SPARE SPARE 20/1 B 1 20/1 A 20/2 1 B 1 20/1 A - - 4 -		20/	/1	>				ş	SPARE	PARE
SPARE 20/1 C 1 20/1 A 1 20/1 SPARE SPARE 20/1 B 1 20/1 B 1 20/1 SPARE 20/1 B 1 20/1 SPARE 20/1 B 1 20/1 SPARE 20/2 1 B 1 20/1 360 G G 20/1 B - 360 G G 20/1 G 20/1 G 20/1 G 20/1 G 20/1 G 20/1 <t< td=""><td></td><td>20/</td><td>73</td><td>œ</td><td>-</td><td>20/1</td><td></td><td>8</td><td>3HV48</td><td>ARE</td></t<>		20/	73	œ	-	20/1		8	3HV48	ARE
SPARE 20/1 B 1 20/1 B 1 20/1 SPARE SPARE 20/1 C 20/2 C 20/2 C 20/2 C 20/2 SPARE 20/1 A - A - A - A 20/1 360 G G SPARE 20/1 Image Place 20/1 A 20/1 A 20/2 360 G G SPARE 20/1 Image Place 20/1 A 20/1 B - 360 G G SPARE 20/1 Image Place 20/1 B - 360 G G SPARE 20/1 Image Place 20/1 B - 360 G G SPARE 20/1 Image Place 20/1 B - 360 G G SPARE 20/1 Image Place 20/1 B - 360 G G SPARE 30 Image Place 30 Image Place <td></td> <td>20/</td> <td>1 1</td> <td>> 0</td> <td>-</td> <td>20/1</td> <td></td> <td>8 98</td> <td>SPARE</td> <td>ŔŔ</td>		20/	1 1	> 0	-	20/1		8 98	SPARE	ŔŔ
SPARE 20/1 C 20/2 SPARE 20/1 A - 4 SPARE 20/1 A - 4 - SPARE 20/1 B 20/1 360 G SPARE 20/1 A 20/1 B 20/1 360 G SPARE 20/1 B - 360 G G SPARE 20/1 B - 360 G SPARE 300 G C 20/1 B - 360 G SPARE 300 G C 20/1 B - 360 G SPARE 300 G C 20/1 B - 360 G SPARE 400 G C 20/1 B - 360 G G SPARE 300 G C 20/1 B - 360 G G SPARE 400 G C 20/1 B - 360 G G Connected Load: Ph. B 720 VA 6 Amps Sub-Fed Connected C		20/	2).	00)	-			SPARE	A i	A i
SPARE 20/1 A -<	29 SPARE	20/	7	ဂ		20/2		K	SPARE	ARE
PARE 20/2 1 B 20/1 360 G PARE - 1 C 20/1 360 G PARE - 1 C 20/1 A 20/2 360 G PARE - - 8 20/1 B - 360 G PARE - - - - 360 G G 20/1 B - 360 G PARE - - - - - - 360 G PARE - - - - - - - - 360 G PARE - <td>31 SPARE</td> <td>20/</td> <td>/1 1/</td> <td>></td> <td></td> <td>ı</td> <td></td> <td>T</td> <td>1</td> <td>1</td>	31 SPARE	20/	/1 1/	>		ı		T	1	1
PARE OUTLET 1ST FLE NUF PACK № 1 (20/1	33 SPARE	20/	1	В		20/1		DATA	A CENTER RACK	
SPARE 20/1 A 20/2 31 PARE 20/1 B - 31 PARE 20/1 B - 31 PARE 20/1 C 20/1 C 20/1 C Connected Load: Ph. A 720 VA 6 Amps Panel C C Connected Load: Ph. B 720 VA 6 Amps Sub-Fed C Connected Load: Ph. C 720 VA 6 Amps Sub-Fed C		-	-	ဂ		20/1		DA.	DATA CENTER RACK	TA CENTER RACK
Connected Load: Ph. B 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA	SPARE	20/	111	D >		20/2		DATA	TA CENTER RACK	
Connected Load: Ph. A 720 VA 6 Amps Panel Connected Load: Ph. B 720 VA 6 Amps Sub—Fed Connected Load: Ph. C 720 VA 6 Amps Te	SPARE MUTLET 181 PLE	\vdash	1	ဂ		20/1		SP/	SPARE	ARE
Connected Load: Ph. B 720 VA 6 Amps Sub-Fed Connected Load: Ph. C 720 VA 6 Amps Te	Load: Ph.	720 VA	6 Amps			Par		tec	Load:	
Connected Load: Ph. C /20 VA 6 Miles	Connected Load: Ph.	720 VA	6 Amps			Sub-F	10	ë	Load:	Load: 0.0 KVA
	Colliferted Fodd'Lift	WA 077	0,111,00				TOUBL DO			nario Loade 2.2 KVA 6.0 Allipe

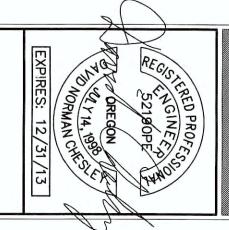
Panel '2U3' (E) Ckt. Description / No. Location 1 OUTLET 1ST FLR MDF 3 OUTLET 1ST FLR MDF 5 OUTLET 1ST FLR MDF 7 OUTLET 1ST FLR MDF 9 OUTLET 1ST FLR MDF 11 OUTLET 1ST FLR MDF 15 OUTLET 1ST FLR MDF 15 OUTLET 1ST FLR MDF 16 OUTLET 1ST FLR MDF 17 SPARE 28 SPARE 29 SPARE 30 SPARE 31 SPARE 33 SPARE	Ckt. Description / No. Location 1 SPARE 5 SPARE 5 SPARE 1 SPARE 1 SPARE 1 SPARE 21 SPARE 22 SPARE 23 SPARE 24 SPARE 25 SPARE 26 SPARE 27 SPARE 28 SPARE 28 SPARE 29 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 35 37 SPARE 38 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 36 37 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 36 37 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 36 37 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 35 SPARE 36 SPARE 37 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 35 SPARE 36 SPARE 37 SPARE 38 SPARE 39 SPARE 30 SPARE 30 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 35 SPARE 36 SPARE 37 SPARE 38 SPARE 39 SPARE 30 SPARE 31 SPARE 32 SPARE 33 SPARE 34 SPARE 35 SPARE 36 SPARE 37 SPARE 38 SPARE 39 SPARE 30 SPARE 31 SPARE 32 SPARE 32 SPARE 33 SPARE 34 SPARE 36 SPARE 36 SPARE 37 SPARE 38 SPARE 39 SPARE 30 SPAR	Ckt. Description / No. Location 1 SECURITY 1ST FLOOR 3 HVAC PANEL 5 SECURITY OFFICE 9 SECURITY OFFICE 11 SECURITY OFFICE 4TH FLOOR PANEL 13 SECURITY OFFICE 2ND FLOOR PANEL 15 SECURITY OFFICE 3RD FLOOR PANEL 16 SECURITY OFFICE 3RD FLOOR PANEL 17 OUTLET 1ST FLR MDF 59 Ade 18 OUTLET 1ST FLR MDF 59 Ade 20 IT PRODUCTION 253 (59 Ade) 21 IT PRODUCTION 253 (59 Ade) 22 IT PRODUCTION 253 (59 Ade) 23 SPARE 34 SPARE 35 SPARE 36 SPARE 37 SPARE 38 SPARE 39 OUTLET 1ST FLR MDF 59 ADE 10 OUTLET 1ST FLR MDF 59 ADE 11 OUTLET 1ST FLR MDF 59 ADE 12 OUTLET 1ST FLR MDF 59 ADE 13 SPARE 36 SPARE 37 SPARE 38 OUTLET 1ST FLR MDF 59 ADE 10 OUTLET 1ST FLR MDF 59 ADE 11 NEW/MOOFED LOAD ON EXSTING 20 AMP, 11 2. 3. 4. 4.
120/208V, 3 Ph., 4 W.; 100A Bus with Main Lug Only 2011-0021	120/208V, 3 Ph., 4 W; 100A Bus with Main Lug Only 2011-0021	Surface Mounted Lighting & Appliance Branch Panelboard Available Fault: 3465A RNS Load C.B. C.B. Load Description CRt. No. Load C.B. Load C.B. Load C.B. Load C.B. No. No. Load C.B. No. No. Load C.B. No. No.
Ckt. Des No. Loco 1 LAC	TIU4-13 LVP-1 LVP-2 WH-18 WH-18 WH-18 A A OPPERA 202 203 302	ITEM ITEM IAC-1 IAC-2 CP-1A CP-1A CP-1A CP-1A EF-3 EF-4 EF-6 EGCP-1 EGCS-2 EF-1 EF-1 AAU-1 MAU-2 TU2-1C

	Surface Mounted, Lighting & Appliance Branch Pan	ounted, l	ighting	% /	Applian	ce Br	anch P	anelboard	Available	Available Fault: 27588A RMS
Description /	Load	C.B.				C.B.	Load	Description	\	Ckt.
Location	ĕ	A/Pole Note Ph. Note A/Pole	Note F	<u>7.</u> N	ote A		(VA) Type			No.
40-11-10-2 LVP-Z	13-34,210 M	20/3	-	>	2	20/3	2000	_	LAC-2	2
1	1334,210 M	1	-	Φ.	_	ès.		-		4
	4,210 M		-	n	-	'	4	I		0
M+B-SMASE	2,992 WH	20/3	+	>	5	50/3		FC2-		œ
SPACE	2,992 WH	i	+	00		1	5817	<u> </u>		8
SPARE.	2,982 WH	i	7	0	}	<u>}</u> '	58.72	<u>*</u>		7
WHIC- SPACE	2,982 WH	20/3	۲	A (S.	50/3		SPARE SPAS	た	4
SPACE	2,992 WH	•	1	B (-		5 5
2 Space	2,982 WH	1	+	C		'		-		85
Connected Load: Ph. A	18,671VA	67	67 Amps		,	Pan	Conr	Panel Connected Load:	56.0 KVA	67.4 Amps
Connected Load:Ph. C	18,671 VA	67/	67 Amps				Total De	emand Load	64.9 KVA	78.0 Amps
SECURITY OF ALPHANT BOY IS DESCRIBED FOR NEW 1 OAD	EOB NEW LOND					Ac	Accessories	:8:		

	MECH	MECHANICAL EQUIPMENT		CONNECTIO	OS SC	SCHEDULE	= ח			
TEM	DESCRIPTION	LOCATION	VOLTS	LOAD	MCA	MOCP	WIRE /	CIRCUIT	NOTES	
AC-1	AIR COMPRESSOR	MECH 423	480/3	5 HP	MCS	20	203	4-II-2-1,3,5.	NOIES	414-01-07-08
C-2	1177	JANITOR 263	480/3	3		20	203			
0-1A	CIRCULATION PUMP		120/1	1/12 HP	2.1A	20	202	2A1-44.	4	
10		MEP SVCS 474	120/1	/12		20	202	2A4-56.	2	
F-1	EXHAUST FAN	ROOF TOP	120/1			20	202	2A4-62		
F-2	11.1		480/3)		20	203	4A4-44,46,48.		
F-4	EXHAUST FAN	ROOF TOP	480/3	3/4 HP	Ì	20	202	2A4~62. 4A4~44.46.48.		
F-5			480/3			20	203	4A4-44,46,48.		
F-6						20	202	March 10 Miles		
CP-1	EMERGENCY GAS CONTROL		120/1					VARIES	-	
CS-2	EMERGENCY GAS SHUTOFF		120/1		16 H			VARIES	_	,
		ROOF TOP	480/3	127		20	203	4A4-44,46,48.		
F-1									; 	
1-22	EAN FAIR	ERST, FLOOR	480/3	5.0 KW		20	203	4A1-38,40,42.	1	
24	FAN TERMINAL LINIT	FIBET FINAN	480/3	W FW			202	771 - 38 - 77	*	
11-25	FAN	FIRST FLOOR	480/3	9.5 KW		20	203	4A1-26.28,30.		411-66,70,72
1-26	FAN TERMI		480/3	8.0 KW		20	203	4A1 - 32,34,36.	<u></u>	
0-2	MAKE UP AIR UNIT	ROOF TOP	480/3) 2 表 3		20	203	4A4-56,58,60.)	
2-10	MINAL U		\$ 208/1		Î	30	302	2A2-44,46.	~	
2-11		SECOND FLOOR	208/1	5.0 KW		30	302	2A2-48,50.	1	
P-1	CENTRAL VACUMM	MECH 423	20073) O.O. KW	}	3 2	302 763	ZA4-00,62.		104-67,651
P-2	100	JANITOR 263	480/3			20	203	4-IT-2-2.4.6.		
1-1A	WATER HEATER	JAN. C110	480/3	10.8-A		20	203	4.42-36,38,40.	4	101-73,75,77
1-1B	WATER HEATER WATER HEATER	MEP SVCS 474	480/3	10.8 A		20	203	4-IT-2-7,9,11. 1-IT-2=13,15,17.		4A4 - 73, 10, 11
	MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES	N SCHEDULE NOTES								
Þ	THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS	A SPECIFIC MANUFACTURER	R. ACTUAL N	MANUFACTURER INT PROTECTION	FOR EQUIR		MAY BE DIF PRIOR TO II	MAY BE DIFFERENT. COORDINATE PRIOR TO INSTALLATION OF WIRING.	NATE IRING.	
έ n	MOCP = MAXIMUM OVER CURRENT MCA = MINIMUM CIRCUIT AMPACITY	T PROTECTION Y								
HANICAL	AL EQUENENT CONNECTION 8CHEDULE NOTE8	LE NOTES								
_	CONNECTION TYPICAL OF SEVERAL WITH LAB CLASSROOMS; PROVIDE BOTH 120-	SAME NAME. SEE	LOOR PLAN F	FLOOR PLAN FOR CIRCUIT CITATION. UNIT AND INTERNAL WIRING TO GAS	TATION. E	GCP PAN	IELS USED	EGCP PANELS USED FOR GAS SHUTOFF IN SOLENOID SHUTOFF VALVES IN BOX.	ž	
. 2	NOT USED		}	}	>	<i>ر</i> ب				
		١,	}		<u> </u>	,				
203	CU, 1 #12 CU GND., IN	3/4" C.								
902	CU, 1 #10 CU GND., IN	3/4" C.								
									_	



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