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MARK G. CHIESA

November 18, 2024

City of Novi
Clerk's Office
45175 W. 10 Mile Road
Novi, Michigan 48375

**RE: New Liquor License
Sakura Way, Novi, Michigan 48375**

Dear Clerk:

Enclosed please find the following documents:

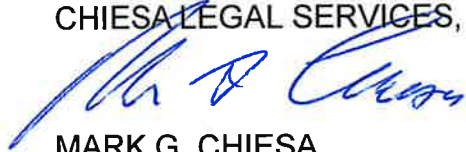
City of Novi, Michigan Liquor License Application Questionnaires A and B
Copy of Questionnaire C
Check in the amount of \$1,210.00
Copy of Application to Michigan Liquor Control Commission.

Please process this application in accordance with your regular procedures. Should you require any further information or documentation, please contact my office.

Your consideration is appreciated.

Yours very truly,

CHIESA LEGAL SERVICES, P.C.



MARK G. CHIESA

/mgc

Encl.



CITY OF NOVI, MICHIGAN

Liquor License Application

Questionnaires A and B

**Questionnaires A and B are to be
completed and returned to the
Novi City Clerk's Office**

Licensing Policy

This article establishes an application and review process for the issuance of both new licenses and the transfer of existing licenses into the city or between or among applicants. The process is intended to ensure that the individuals and entities seeking licenses from, or charged with operating licensed establishments within, the city meet certain minimum requirements as to criminal history, past conduct, and ongoing business operation standards. It requires city council review of application information in light of certain criteria that is established for purposes of identifying the kinds of facilities that qualify for a license. It reserves to the city any and all discretion afforded it under applicable law relating to the issuance of licenses.

As a general matter of policy, applicants for a license will need to demonstrate an identifiable benefit to the city and its inhabitants resulting from the granting of the license. While all of the criteria set forth in this article are relevant to the decision whether to grant a license, an applicant must demonstrate in particular that the proposed facility:

- (a) Will provide a service, product, or function that is not presently available within the city or that would be unique to the city or to an identifiable area within the city;
- (b) Is of a character that will foster or generate economic development or growth within the city, or an identifiable area of the city, in a manner consistent with the city's policies; or,
- (c) Represents an added financial investment on the part of a long-term business or resident with recognized ties to the city and the local community.

The weight to be given to each item of the criteria identified in this article, and the determination whether a particular applicant meets or satisfies those criteria is intended to be within the sole discretion of the city council.

Requirements and Procedures

1. Complete the Michigan Liquor Control Commission Application. Contact M.L.C.C. in Lansing at 517-322-1400 or toll free 1-866-813-0011.
2. Fully complete the **Novi Liquor License Application Questionnaires A and B** and return them to the City of Novi Clerk's Office within 30 days. Complete **Questionnaire C** and return it to the Novi Police Department within 30 days.
3. Please review and include with the applicant's initial **cover letter**, a response to the Novi Alcoholic Liquor Ordinance, Article II, Section 3.14 (a) *Facilities for which new licenses may be granted*.
4. Attach a non-refundable **application fee** of \$1,000.00, plus \$210.00 for each person with a financial or management interest in the application including, but not limited to, partnership partners, corporate officers and directors. Please make the check payable to the City of Novi.
5. ***Site Plan** (1 copy - signed and sealed by a registered architect/engineer). If the facility is to be located in a proposed building for which site plan approval has not yet been obtained, or in an existing building that is to be remodeled, you must submit a conceptual site plan showing the proposed building and the relationship of the building to the surrounding properties and their uses.
6. ***Building Façade Plan** (1 copy - signed and sealed by a registered architect/engineer) – all sides, including signage. If the proposed building final site plan has been previously approved by the Novi Planning and Community Development Department and there are no changes, then please submit a letter of verification stating there will be no such changes along with this application.
7. ***Interior Plan with seating arrangement** (1 copy - signed and sealed by a registered architect/engineer). If the proposed interior has been previously approved by the City of Novi Building Department and there are no changes, then please submit a letter of verification stating there will be no such changes along with this application.
8. One full copy of the **menu**.
9. **Administrative Special Land Use** (see next page).
10. Provide any other information pertinent to the applicant and operation of the proposed facility that may be required by the Novi Alcoholic Liquor Ordinance, Article II.

*No site plan, building façade plan, interior plan or any part thereof, may be changed by the applicant once they have received approval in conjunction with the liquor licensing process. Applicant must submit separate plans and fees as required by other City of Novi departments and consultants in accordance with standard review procedures, if applicable.

Administrative Special Land Use

In addition to the Liquor License procedures noted above, any new establishment serving alcoholic beverages, and/or any expansion or significant change of site plan for an existing establishment, will need to follow the administrative Special Land Use public hearing process through the Community Development Department. The following must be submitted directly to the Community Development Department when a Liquor License application is submitted.

- **Application for Site Plan and Land Use Approval** form.
- Completed **Service of Alcoholic Beverages Special Land Use Application Checklist**, along with four sets of site plans and narratives as described in the checklist.
- Special Land Use **fees** (and possibly Site Plan review fees) will be assessed to the applicant.

The applicant is asked to contact the Community Development Department Planning Division at (248) 347-0475 to determine exactly what is needed for the Special Land Use application and site plan.

The Special Land Use and public hearing process will be handled by a committee represented by members of the Community Development Department, Public Services, and Assessing Departments for any new liquor license application, or for those applications that request an amendment to a site plan. The results of the special land use consideration and the public hearing process will be forwarded to the City Council for consideration along with the consideration of the Liquor License.

Special Circumstances

Transfers that involve the following circumstances may be placed on a City Council agenda for consideration without payment of a fee and without the necessity of furnishing the information required for new licenses:

- (1) The exchange of the assets of a licensed sole proprietorship, licensed general partnership, or licensed limited partnership for all outstanding shares of stock in a corporation in which the sole proprietor, all members of the general partnership, or all members of the limited partnership are the only stockholders of that corporation.
- (2) The removal of a member of a firm, a stockholder, a member of a general partnership or limited partnership, or association of licensees from a license.
- (3) The occurrence of any of the following events:
 - (a) A corporate stock split of a licensed corporation.
 - (b) The issuance to an existing stockholder of a licensed corporation of previously unissued stock as compensation for services performed.
 - (c) The redemption by a licensed corporation of its own stock.
 - (d) A corporate public offering.

Questionnaire A – Applicant Cover Information and Procedures for Liquor License

The Novi City Council will consider whether an applicant's proposal for a liquor license is reasonable when measured against the information contained within this completed application. Please answer each question thoroughly. All answers should be typed or printed legibly and neatly in black ink. If the space provided is insufficient for a complete answer, use additional sheets of paper, following the same format used in the questionnaire and attach to that part of the application. Failure to provide all required information or attachments could result in delay or denial of liquor license. All liquor license applications are subject to final approval by the Novi City Council. Please refer to Novi Alcoholic Liquor Ordinance, Articles I-II.

1(a). Name, address and phone number of applicant:

Severn York Inc.

1(b). Name, address and phone number of business:

The Dancing Pine

Sakura Way Novi, Building B

734-277-5270

NOTE: If the applicant is a partnership, you must include the name and address of each partner and attach a copy of the partnership agreement. If the applicant is a privately held corporation, you must include the name and address of each corporate officer, member of the board of directors and/or stockholders. Attach a copy of the articles of incorporation.

2. Type of liquor license applying for (circle all those that apply):

☒ Class C ☐ Resort ☐ Tavern ☐ Club ☐ Hotel A B ☒ Quota ☐ Transfer ☐ Microbrewery/Brewpub

Theme of Proposed Business:

High end Korean BBQ Steak house

3. Street address and legal description of the property where liquor license is to be located:

Sakura Novi Building B

Questionnaire B – Administrative Background Information for Liquor License

The Novi City Council will consider whether an applicant's proposal for a liquor license is reasonable when measured against the information contained within this completed application. Please answer each question thoroughly. All answers should be typed or printed legibly and neatly in black ink. If the space provided is insufficient for a complete answer, use additional sheets of paper, following the same format used in the questionnaire and attach to that part of the application. Failure to provide all required information or attachments could result in delay or denial of liquor license. All liquor license applications are subject to final approval by the Novi City Council.

1. What is the applicant's management experience in the alcohol/liquor business?
I am a local restaurateur that grew up in Michigan. I currently own two restaurants that serve alcohol / liquor, Kimchi Box Plus (Northville) and Azalea (Ann Arbor). Both restaurants serve a wide variety of wines as well as cocktails that pair with their respective menus.⁹
-

2. What is the applicant's general business management experience?
I currently own and operate 11 restaurants in Michigan. 8 Kimchi Box (Korean Fast Casual) | Azalea (Modern Asian Fusion) | Ondo Bakery
Because of the variety and quantity of the restaurants I operate, I have been able to develop and maintain a strong team that ensures the quality and efficiencies of the restaurants.
-

3. What is the applicant's general business reputation?
I entered the restaurant industry after a few years working as a management consultant. As a relatively young restaurateur, I have
reputation as an up and coming entrepreneur in the restaurant space. Last year I was awarded the EY entrepreneur of the year award in Michigan, for my work in the expansion of Kimchi Box to 8 locations.
-

4. What is the applicant's financial status and ability to build and/or operate the proposed facility on which the proposed liquor license is to be located?
I am able to use my current cash flow from my restaurants to build and operate the proposed facility. We estimate around 1.2 Million dollars will go into the build out of the proposed space.
-

5. What are the applicant's past criminal convictions involving moral turpitude, violence or alcoholic liquors?
I do not have any criminal convictions involving moral turpitude, violence or alcoholic liquors
-

6. Does the applicant use alcoholic beverages to excess?
No I do not use alcoholic beverages to excess
-

7. What is the effect that the issuance of a license would have upon the economic development of the surrounding area?

I am building the Dancing Pine for the Sakura Novi project with the Aikens group. Sakura Way will be Novi's newest development project. We will bring a variety of guests from Oakland, Wayne, and Washtenaw county. The Dancing Pine is a stand alone building in the middle of the development, facing the lake. Our license will be able to provide the visitors the highest quality experience and bring many people looking for a luxurious dining experience to Novi.

8. What effect would the issuance of a license have on the health, welfare and safety of the general public?

Issuing a license to the Dancing Pine project will give the city of Novi a safe place to enjoy night life. The development will be well lit and protected. Currently for the citizens of Novi there are limited options for late night dining. The Dancing Pine will serve responsibly until almost midnight, giving the city more variety in high end dining options.

9. Has the applicant received responses from the Police Department, Building Department and/or Fire Department with regard to the proposed facility?

The Aikens group is working closely with the city to build the proposed facility. When the cold shell is turned over to me, I will also work closely with the city on the proposed facility to get the necessary approvals.

10. What is the public need or convenience for issuance of a liquor license for this facility at the proposed location?

The proposed location will be the premier new development for the city of Novi. Sakura Way, will have apartment complexes, dining, and retail. The Dancing Pine is in the center of this new development. The plaza will propel Novi forward and bring visitors from other cities as well as workers from other countries. International and local business meetings will all occur at The Dancing Pine, bringing even more companies and business into the city of Novi.

11. What is the uniqueness of the proposed facility when contrasted against other existing or proposed facilities and the compatibility of the proposed facility to surrounding architecture and land use?

The proposed facility faces the lake and the meeting auditorium in the center of the Sakura Plaza. We will be where families gather to take take strolls along the newly planted trees of the plaza. Our facility will have large windows to have clear views of the environment around us, for our restaurant goers to enjoy.

12. Does the facility to which the proposed liquor license is to be issued comply with the applicable building, plumbing, electrical and fire prevention codes and zoning statutes and ordinances applicable to the City of Novi? Has applicant received information from the appropriate departments?

We are working with the city to build a safe building that follows call code and zoning statuses. It has not been built or open yet, but we will be fully compliant.

13. What effect will the facility to which the proposed liquor license is to be issued have upon vehicular and pedestrian traffic in the area?

We will be Michigans first luxury Korean BBQ restaurant. Our high end cuts of steak as well as wine parings will bring more people into

the Novi community. Our restaurant is off of Grand River, but it would not have significant effect on traffic in the area, because our rush hours do not coincide with local corporate hours.

14. What is the proximity of the proposed business facility to other similarly situated licensed liquor facilities?

We are in the heart of Novi so there are other facilities with similary situated liquor licenses. However the only high end food offering restaurant in the area is Bonefish Grill and Artys.

15. What is the proximity of the proposed facility to complimentary uses such as office and commercial development?

We will be very close to the Novi office and commercial development center. The restaurant will however bring in many corporations from sorrounding cities (Northville, Plymouth, Canton, Wixom) as well. My restaurant in Northville (Kimchi Box Plus) has this effect currently.

16. What effect would the proposed facility have upon the surrounding neighborhood and/or business establishments, including impacts upon residential areas, church and school districts?

It will give the residence of the area more dining options than what is currently offered in the city of Novi. Many people in the community drive to Troy, Detroit, or even Northville to dine in high end places. The Dancing Pine will bring unique flavors and a high end experience into the city of Novi.

17. What proposed or actual commitments are being made by the applicant to establish permanency in the community?

I am from Michigan and currently live in this community. I have many restaurants in Oakland County, and will permanantly be here. The Dancing Pine is one of my most important projects, and I plan to be all in on being the best restaurant in Michigan. I have committed to buying Pi distribution facility in Novi across 12 Oaks Mall, to help with the food service operations of the Dancing Pine.

18. What utilities are available to serve the facility?

We will be utilizing Gas, energy, and water.

19. What other factors should the Novi City Council consider?

I grew up in Michigan and plan to live here for the rest of my life. The Dancing Pine while having a high end feel and look, will be very approachable price point. The restaurant will not price out the average person, rather I want to make a busy restaurant that brings people in from all over Michigan. Novi is in the center of Detroit, Troy, Ann Arbor.. The Dancing Pine and the Sakura Way project will bring excitement to the city of Novi and Michigan. A liquor license will greatly help The Dancing Pine reach its full potential as a premier dining experience.





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IN THE MATTER OF THE ESTATE OF _____									
Last Name, First Name, Middle Name, Maiden Name, and Suffix									
1. Date of Birth	2. Date of Death	3. Date of Burial	4. Date of Interment	5. Date of Cremation	6. Date of Disposition	7. Date of Burial	8. Date of Interment	9. Date of Cremation	10. Date of Disposition
11. Date of Birth	12. Date of Death	13. Date of Burial	14. Date of Interment	15. Date of Cremation	16. Date of Disposition	17. Date of Burial	18. Date of Interment	19. Date of Cremation	20. Date of Disposition
21. Date of Birth	22. Date of Death	23. Date of Burial	24. Date of Interment	25. Date of Cremation	26. Date of Disposition	27. Date of Burial	28. Date of Interment	29. Date of Cremation	30. Date of Disposition
31. Date of Birth	32. Date of Death	33. Date of Burial	34. Date of Interment	35. Date of Cremation	36. Date of Disposition	37. Date of Burial	38. Date of Interment	39. Date of Cremation	40. Date of Disposition
41. Date of Birth	42. Date of Death	43. Date of Burial	44. Date of Interment	45. Date of Cremation	46. Date of Disposition	47. Date of Burial	48. Date of Interment	49. Date of Cremation	50. Date of Disposition
51. Date of Birth	52. Date of Death	53. Date of Burial	54. Date of Interment	55. Date of Cremation	56. Date of Disposition	57. Date of Burial	58. Date of Interment	59. Date of Cremation	60. Date of Disposition
61. Date of Birth	62. Date of Death	63. Date of Burial	64. Date of Interment	65. Date of Cremation	66. Date of Disposition	67. Date of Burial	68. Date of Interment	69. Date of Cremation	70. Date of Disposition
71. Date of Birth	72. Date of Death	73. Date of Burial	74. Date of Interment	75. Date of Cremation	76. Date of Disposition	77. Date of Burial	78. Date of Interment	79. Date of Cremation	80. Date of Disposition
81. Date of Birth	82. Date of Death	83. Date of Burial	84. Date of Interment	85. Date of Cremation	86. Date of Disposition	87. Date of Burial	88. Date of Interment	89. Date of Cremation	90. Date of Disposition
91. Date of Birth	92. Date of Death	93. Date of Burial	94. Date of Interment	95. Date of Cremation	96. Date of Disposition	97. Date of Burial	98. Date of Interment	99. Date of Cremation	100. Date of Disposition

NO.	NAME	AGE	SEX	REL.	EDUC.	REL. OCC.	REL. INCOME	REL. ASSETS	REL. LIABILITIES	REL. NET WORTH	REL. RISK	REL. RISK RATING
1	Mr. A. A. A.	45	M	H	12	1	1	1	1	1	1	1
2	Mr. B. B. B.	35	M	H	10	2	2	2	2	2	2	2
3	Mr. C. C. C.	25	M	H	8	3	3	3	3	3	3	3
4	Mr. D. D. D.	15	M	H	6	4	4	4	4	4	4	4
5	Mr. E. E. E.	55	M	H	14	5	5	5	5	5	5	5
6	Mr. F. F. F.	40	M	H	11	6	6	6	6	6	6	6
7	Mr. G. G. G.	30	M	H	9	7	7	7	7	7	7	7
8	Mr. H. H. H.	20	M	H	7	8	8	8	8	8	8	8
9	Mr. I. I. I.	10	M	H	5	9	9	9	9	9	9	9
10	Mr. J. J. J.	60	M	H	15	10	10	10	10	10	10	10
11	Mr. K. K. K.	48	M	H	13	11	11	11	11	11	11	11
12	Mr. L. L. L.	38	M	H	11	12	12	12	12	12	12	12
13	Mr. M. M. M.	28	M	H	9	13	13	13	13	13	13	13
14	Mr. N. N. N.	18	M	H	7	14	14	14	14	14	14	14
15	Mr. O. O. O.	58	M	H	14	15	15	15	15	15	15	15
16	Mr. P. P. P.	42	M	H	12	16	16	16	16	16	16	16
17	Mr. Q. Q. Q.	32	M	H	10	17	17	17	17	17	17	17
18	Mr. R. R. R.	22	M	H	8	18	18	18	18	18	18	18
19	Mr. S. S. S.	12	M	H	6	19	19	19	19	19	19	19
20	Mr. T. T. T.	62	M	H	16	20	20	20	20	20	20	20
21	Mr. U. U. U.	44	M	H	13	21	21	21	21	21	21	21
22	Mr. V. V. V.	34	M	H	11	22	22	22	22	22	22	22
23	Mr. W. W. W.	24	M	H	9	23	23	23	23	23	23	23
24	Mr. X. X. X.	14	M	H	7	24	24	24	24	24	24	24
25	Mr. Y. Y. Y.	54	M	H	14	25	25	25	25	25	25	25
26	Mr. Z. Z. Z.	46	M	H	12	26	26	26	26	26	26	26
27	Mr. A. A. A.	36	M	H	10	27	27	27	27	27	27	27
28	Mr. B. B. B.	26	M	H	8	28	28	28	28	28	28	28
29	Mr. C. C. C.	16	M	H	6	29	29	29	29	29	29	29
30	Mr. D. D. D.	66	M	H	16	30	30	30	30	30	30	30
31	Mr. E. E. E.	48	M	H	13	31	31	31	31	31	31	31
32	Mr. F. F. F.	38	M	H	11	32	32	32	32	32	32	32
33	Mr. G. G. G.	28	M	H	9	33	33	33	33	33	33	33
34	Mr. H. H. H.	18	M	H	7	34	34	34	34	34	34	34
35	Mr. I. I. I.	58	M	H	14	35	35	35	35	35	35	35
36	Mr. J. J. J.	42	M	H	12	36	36	36	36	36	36	36
37	Mr. K. K. K.	32	M	H	10	37	37	37	37	37	37	37
38	Mr. L. L. L.	22	M	H	8	38	38	38	38	38	38	38
39	Mr. M. M. M.	12	M	H	6	39	39	39	39	39	39	39
40	Mr. N. N. N.	62	M	H	16	40	40	40	40	40	40	40
41	Mr. O. O. O.	44	M	H	13	41	41	41	41	41	41	41
42	Mr. P. P. P.	34	M	H	11	42	42	42	42	42	42	42
43	Mr. Q. Q. Q.	24	M	H	9	43	43	43	43	43	43	43
44	Mr. R. R. R.	14	M	H	7	44	44	44	44	44	44	44
45	Mr. S. S. S.	54	M	H	14	45	45	45	45	45	45	45
46	Mr. T. T. T.	46	M	H	12	46	46	46	46	46	46	46
47	Mr. U. U. U.	36	M	H	10	47	47	47	47	47	47	47
48	Mr. V. V. V.	26	M	H	8	48	48	48	48	48	48	48
49	Mr. W. W. W.	16	M	H	6	49	49	49	49	49	49	49
50	Mr. X. X. X.	66	M	H	16	50	50	50	50	50	50	50
51	Mr. Y. Y. Y.	48	M	H	13	51	51	51	51	51	51	51
52	Mr. Z. Z. Z.	38	M	H	11	52	52	52	52	52	52	52
53	Mr. A. A. A.	28	M	H	9	53	53	53	53	53	53	53
54	Mr. B. B. B.	18	M	H	7	54	54	54	54	54	54	54
55	Mr. C. C. C.	58	M	H	14	55	55	55	55	55	55	55
56	Mr. D. D. D.	42	M	H	12	56	56	56	56	56	56	56
57	Mr. E. E. E.	32	M	H	10	57	57	57	57	57	57	57
58	Mr. F. F. F.	22	M	H	8	58	58	58	58	58	58	58
59	Mr. G. G. G.	12	M	H	6	59	59	59	59	59	59	59
60	Mr. H. H. H.	62	M	H	16	60	60	60	60	60	60	60
61	Mr. I. I. I.	44	M	H	13	61	61	61	61	61	61	61
62	Mr. J. J. J.	34	M	H	11	62	62	62	62	62	62	62
63	Mr. K. K. K.	24	M	H	9	63	63	63	63	63	63	63
64	Mr. L. L. L.	14	M	H	7	64	64	64	64	64	64	64
65	Mr. M. M. M.	54	M	H	14	65	65	65	65	65	65	65
66	Mr. N. N. N.	46	M	H	12	66	66	66	66	66	66	66
67	Mr. O. O. O.	36	M	H	10	67	67	67	67	67	67	67
68	Mr. P. P. P.	26	M	H	8	68	68	68	68	68	68	68
69	Mr. Q. Q. Q.	16	M	H	6	69	69	69	69	69	69	69
70	Mr. R. R. R.	66	M	H	16	70	70	70	70	70	70	70
71	Mr. S. S. S.	48	M	H	13	71	71	71	71	71	71	71
72	Mr. T. T. T.	38	M	H	11	72	72	72	72	72	72	72
73	Mr. U. U. U.	28	M	H	9	73	73	73	73	73	73	73
74	Mr. V. V. V.	18	M	H	7	74	74	74	74	74	74	74
75	Mr. W. W. W.	58	M	H	14	75	75	75	75	75	75	75
76	Mr. X. X. X.	42	M	H	12	76	76	76	76	76	76	76
77	Mr. Y. Y. Y.	32	M	H	10	77	77	77	77	77	77	77
78	Mr. Z. Z. Z.	22	M	H	8	78	78	78	78	78	78	78
79	Mr. A. A. A.	12	M	H	6	79	79	79	79	79	79	79
80	Mr. B. B. B.	62	M	H	16	80	80	80	80	80	80	80
81	Mr. C. C. C.	44	M	H	13	81	81	81	81	81	81	81
82	Mr. D. D. D.	34	M	H	11	82	82	82	82	82	82	82
83	Mr. E. E. E.	24	M	H	9	83	83	83	83	83	83	83
84	Mr. F. F. F.	14	M	H	7	84	84	84	84	84	84	84
85	Mr. G. G. G.	54	M	H	14	85	85	85	85	85	85	85
86	Mr. H. H. H.	46	M	H	12	86	86	86	86	86	86	86
87	Mr. I. I. I.	36	M	H	10	87	87	87	87	87	87	87
88	Mr. J. J. J.	26	M	H	8	88	88	88	88	88	88	88
89	Mr. K. K. K.	16	M	H	6	89	89	89	89	89	89	89
90	Mr. L. L. L.	66	M	H	16	90	90	90	90	90	90	90
91	Mr. M. M. M.	48	M	H	13	91	91	91	91	91	91	91
92	Mr. N. N. N.	38	M	H	11	92	92	92	92	92	92	92
93	Mr. O. O. O.	28	M	H	9	93	93	93	93	93	93	93
94	Mr. P. P. P.	18	M	H	7	94	94	94	94	94	94	94
95	Mr. Q. Q. Q.	58	M	H	14	95	95	95	95	95	95	95
96	Mr. R. R. R.	42	M	H	12	96	96	96	96	96	96	96
97	Mr. S. S. S.	32	M	H	10	97	97	97	97	97	97	97
98	Mr. T. T. T.	22	M	H	8	98	98	98	98	98	98	98
99	Mr. U. U. U.	12	M	H	6	99	99	99	99	99	99	99
100	Mr. V. V. V.	62	M	H	16	100	100	100	100	100	100	100

No.	Description of work	Unit	Quantity	Rate		Total
				Rs.	Paise	
1.	Excavation of earthwork for foundation	cum	100	100	00	10000
2.	Concrete foundation for wall	cum	100	100	00	10000
3.	Brickwork for wall	cum	100	100	00	10000
4.	Plaster work for wall	cum	100	100	00	10000
5.	Roofing work for wall	cum	100	100	00	10000
6.	Painting work for wall	cum	100	100	00	10000
7.	Electrical work for wall	cum	100	100	00	10000
8.	Sanitary work for wall	cum	100	100	00	10000
9.	Water supply work for wall	cum	100	100	00	10000
10.	Drainage work for wall	cum	100	100	00	10000
11.	Foundation for column	cum	100	100	00	10000
12.	Column work	cum	100	100	00	10000
13.	Beam work	cum	100	100	00	10000
14.	Slab work	cum	100	100	00	10000
15.	Roofing work for column	cum	100	100	00	10000
16.	Painting work for column	cum	100	100	00	10000
17.	Electrical work for column	cum	100	100	00	10000
18.	Sanitary work for column	cum	100	100	00	10000
19.	Water supply work for column	cum	100	100	00	10000
20.	Drainage work for column	cum	100	100	00	10000

[illegible]

P = P-VALUE TESTED VALUES FOR EACH WILCOX JOINT OR MEMBER.

[illegible]

BEARING PLATE SCHEDULE

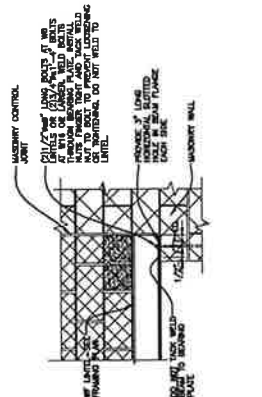
MARK	DESCRIPTION	REMARKS
B-1	7"x3/8"x1"	

LINTEL SCHEDULE

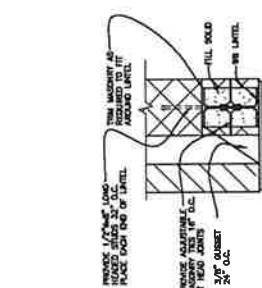
MARK	DESCRIPTION	REMARKS
L-1	1"x3/8"x1"	
L-2	1"x1/2"x1"	
L-3	1"x1/4"x1"	
L-4	1"x1/8"x1"	

LINTEL NOTES:

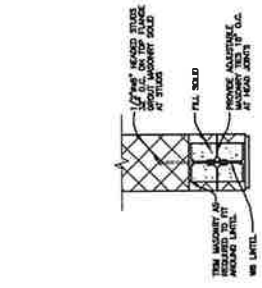
1. SET ON LINTEL EXTEND WITHIN OF MASONRY OPENING
2. HOLD EDGE OF PLATE ON LINTEL BACK FROM EACH FACE OF MASONRY 1/2"
3. WELD 3/8" WELDED JOINTS TO TOP OF LINTEL
4. ALL EXTERIOR LINTELS TO BE GALVANIZED
5. ONE PER ASTM 133
6. SEE TYPICAL LINTEL DETAIL THIS SHEET



7 TYPICAL LINTEL BEARING ON MASONRY DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY CONTROL JOINT
LINTEL
MASONRY WALL
REINFORCING BARS



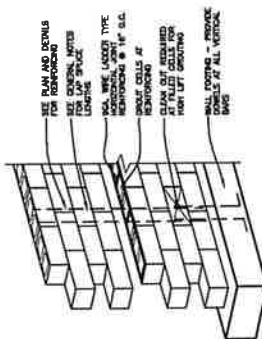
8 TYPICAL CONNECTION LINTEL DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY CONTROL JOINT
LINTEL
MASONRY WALL
REINFORCING BARS



9 TYPICAL LINTEL DETAIL AT W8 BEAM
SCALE: 1/2" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY CONTROL JOINT
LINTEL
MASONRY WALL
REINFORCING BARS

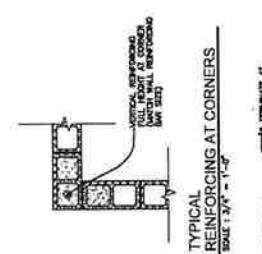


10 TYPICAL LINTEL DETAIL AT W8 BEAM
SCALE: 1/2" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY CONTROL JOINT
LINTEL
MASONRY WALL
REINFORCING BARS



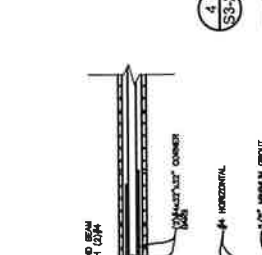
MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

1 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS



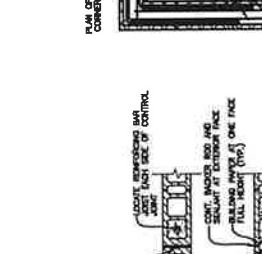
MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

2 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS



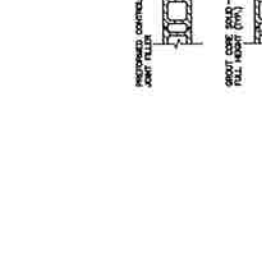
MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

3 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS



MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

4 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS



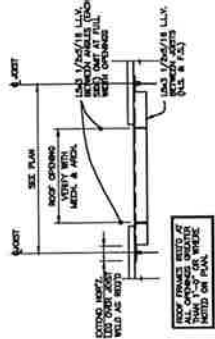
MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

5 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS

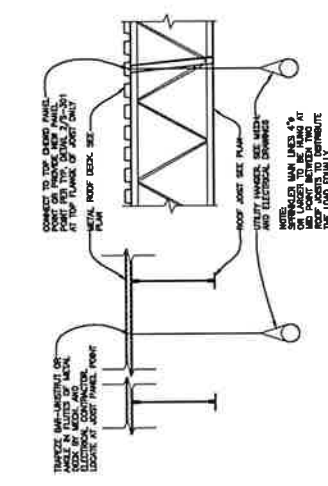


MARK	DESCRIPTION	REMARKS
R-1	1"x3/8"x1"	
R-2	1"x1/2"x1"	
R-3	1"x1/4"x1"	
R-4	1"x1/8"x1"	

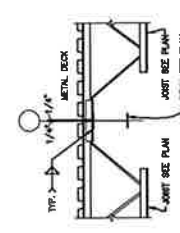
6 TYPICAL REINFORCING DETAIL
SCALE: 3/4" = 1'-0" (DATE: 11/17/17)
MASONRY WALL REINFORCING BARS
MASONRY WALL
REINFORCING BARS



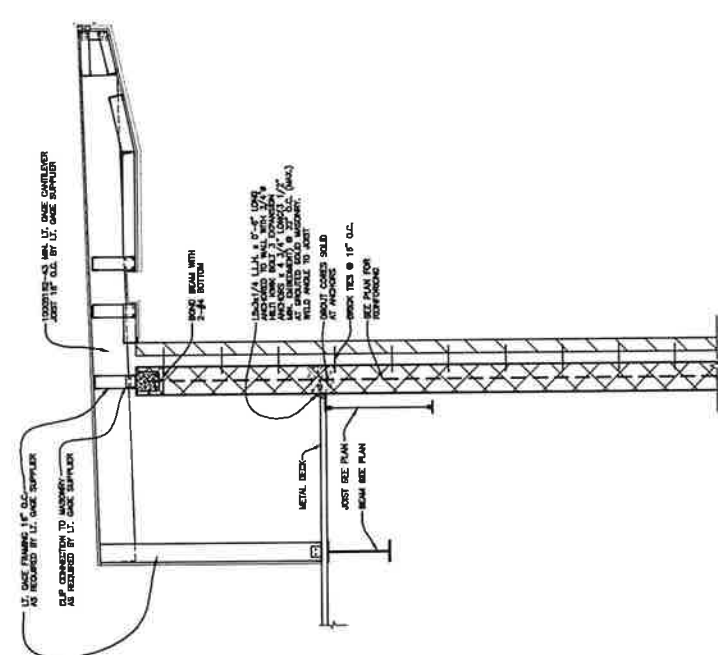
5 TYPICAL ROOF OPENING DETAIL
S4.0 SCALE: 3/4" = 1'-0"



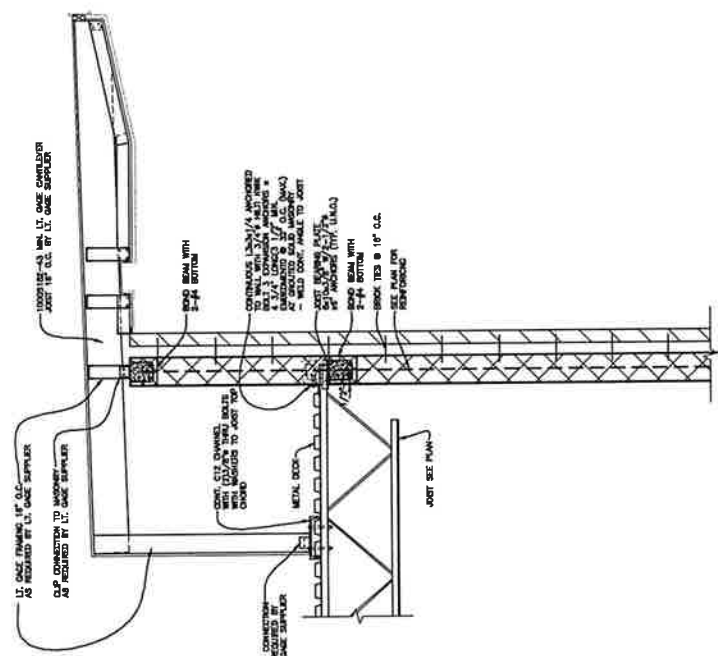
4 MECHANICAL/ELECTRICAL PIPE HANGER SUPPORT DETAIL
S4.0 SCALE: 3/4" = 1'-0"



3 SECTION
S4.0 SCALE: 3/4" = 1'-0"



2 SECTION
S4.0 SCALE: 3/4" = 1'-0"



1 SECTION
S4.0 SCALE: 3/4" = 1'-0"

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PROJECT
SAKURA NOVI
BUILDING B
NOV, MI

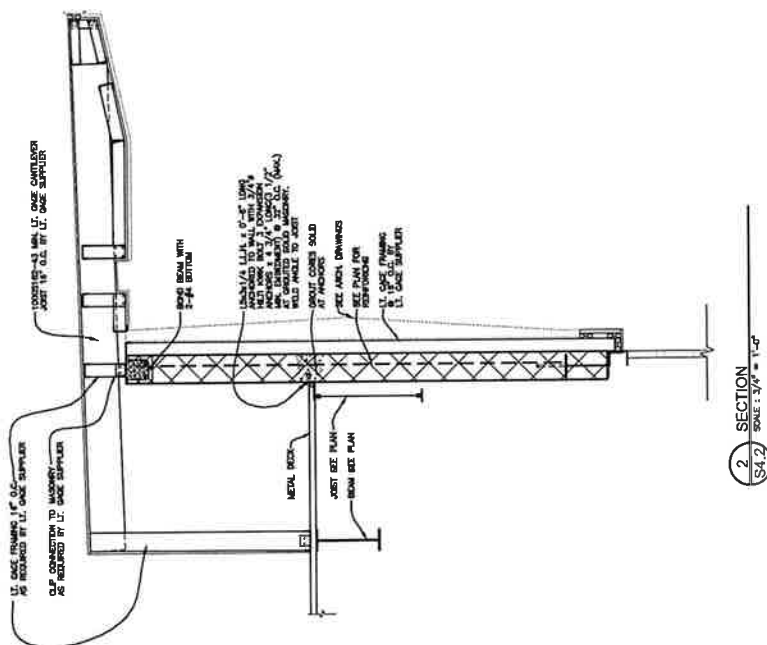
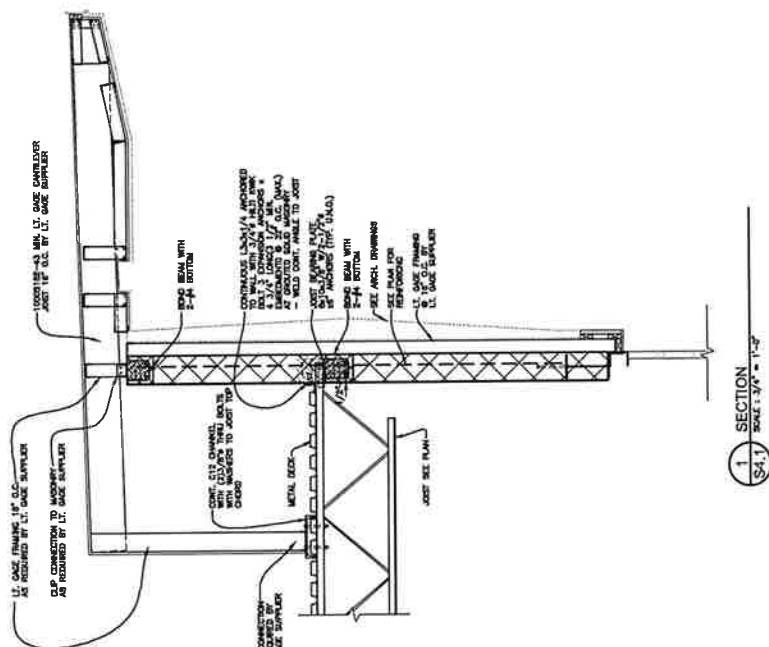
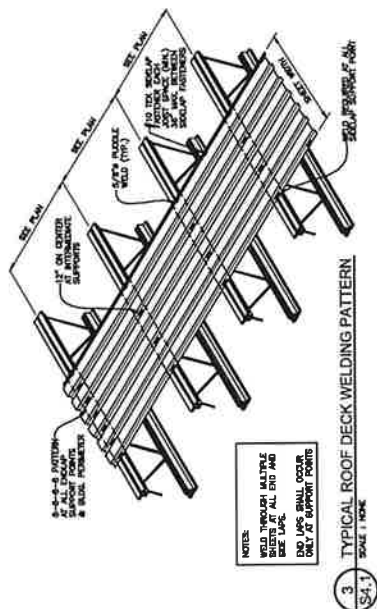
Date Issued

Not For Construction
Preliminary
01/10/2013
01/10/2013
01/10/2013

Job Number
5240
SHEET TITLE
DETAILS

Sheet Number
S4.0

Do not scale drawings - use legend dimensions



Sheet Number
S4.2

SHEET TITLE
DETAILS

JOB Number
5240

Preliminary
Not for Construction

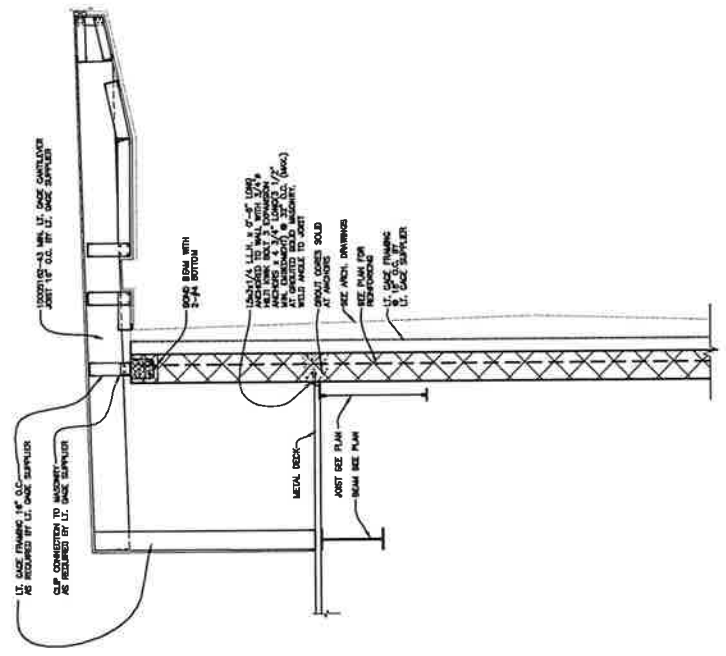
PROJECT
**SAKURA NOVI
BUILDING B**

NOV. 01



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Shymanski &
Associates, LLC
15000 WOODLAND AVENUE
TROY, MICHIGAN 48065
PHONE 313.487.5110
www.shymanski.com



1 SECTION
S4.2 SCALE: 3/4" = 1'-0"



LSA, Inc.

4743 PARKSIDE CT.
ANN ARBOR, MI 48105
734.417.0250 (PHONE)
734.212.2130 (FAX)
REVISIONS - 02/20

DANCING PINE
(INTERIOR RENOVATION)
4238 GRAND RIVER AVE
NOVI, MI 48375



SHEET TITLE
FLOOR PLAN

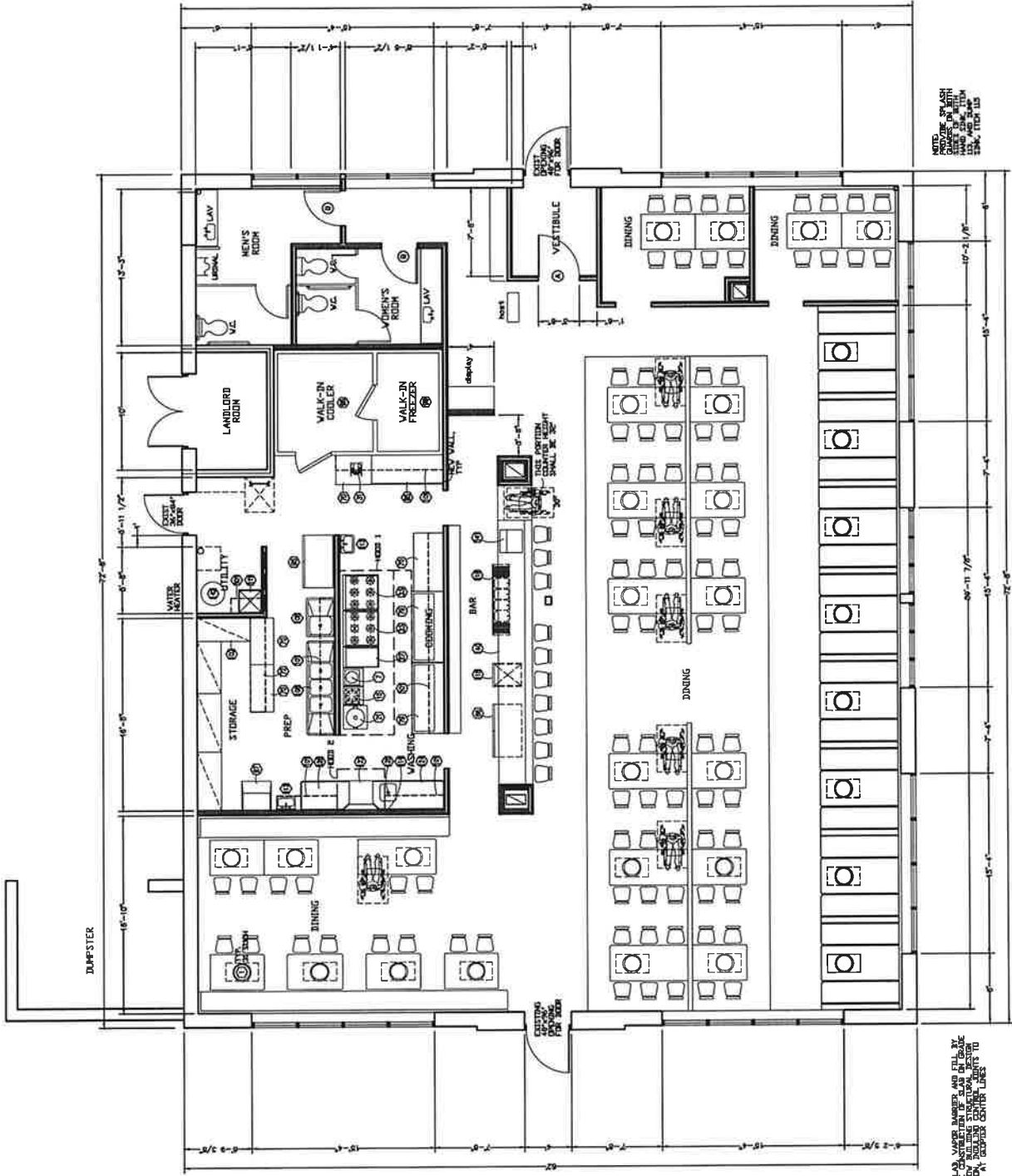
PROJECT NO: 2209009

DRAWN: J.S.
CHECKED: Z.L.
APPROVED:

DATE: ISSUED FOR:

10/24/2024
SHEET

A.1a



NOTE: THE SPLASH
GUARD ON THE
SINKS SHALL BE
18" HIGH, 12" WIDE,
AND 1/2" THICK.

FLOOR PLAN
SCALE 1/4" = 1'-0"

NOTES:
1. ALL SINKS, WATER METER AND FILL BY
THE CONTRACTOR SHALL BE INSTALLED
IN ACCORDANCE WITH THE CITY OF ANN
ARBOR SPECIFICATIONS. ALL SINKS SHALL
BE LOCATED AT THE CENTER LINE.



DANCING PINE
(INTERIOR RENOVATION)
442738 GRAND RIVER AVE
NOV. MI 48375



SHEET TITLE

DETAILS,
SCHEDULES
& NOTES

PROJECT NO: 2378008

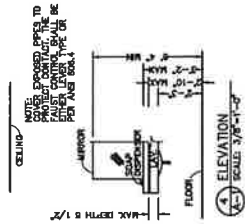
DRAWN _____ J.S.
CHECKED _____ Z.L.
APPROVED _____

DATE ISSUED FOR

10/20/2024 REVIEW SHEET

A:2

REMARKS: FIGHT DOORS, AND REAR DOOR, SHALL HAVE PANG HARDWARE, FIELD VERIFY AND UPGRADE AS REQUIRED.



NOTES: ALL EQUIPMENT SHALL BEAR THE LABEL OF AN APPROVED AGENCY. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE INFORMATION ON THE LABEL AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

A:2



ISA, Inc.

4745 PARKSIDE CT.
ANN ARBOR, MI 48106

734.417.0260 (PHONE)
734.212.2130 (FAX)

FLORIAN@ISA-INC.COM

DANCING PINE
(INTERIOR RENOVATION)
42733 GRAND RIVER AVE
NOVI, MI 48375



SHEET TITLE
**ROOF TOP
UNIT PLAN**

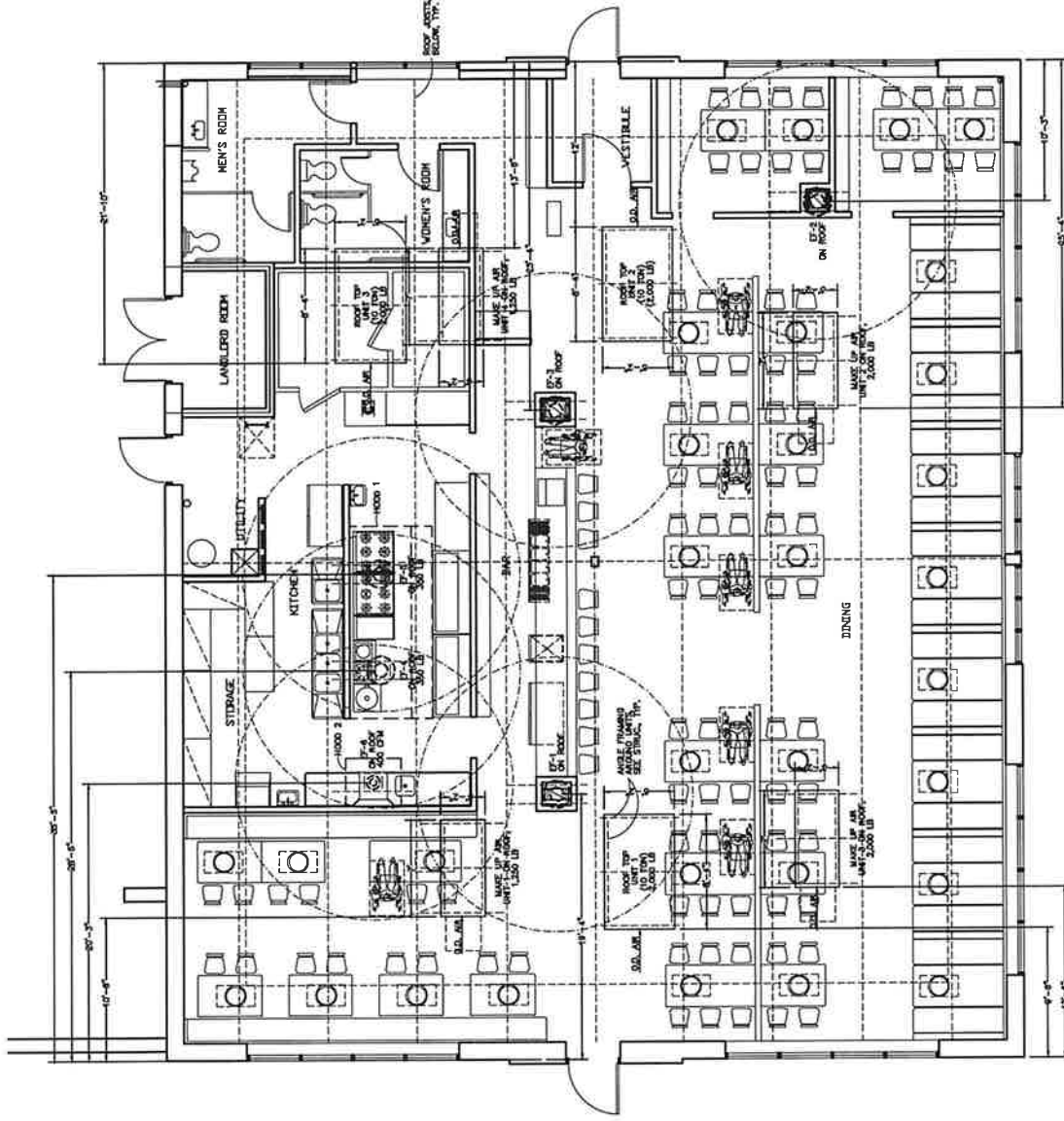
PROJECT NO: 2309008

DRAWN: JLS
CHECKED: ZL
APPROVED:

DATE: ISSUED FOR:

10/28/2024
REVIEW
SHEET

A:3



ROOF TOP UNIT PLAN
SCALE: 1/8"=1'-0"

- NOTES
1. USE DIMENSIONS SHOWN TO LOCATE FRESH AIR INTAKE AND EXHAUST.
 2. MAKE SURE ALL UNITS ARE LOCATED WITHIN THE APPROVED ROOF TOP UNIT FOOTPRINT. ANY MODIFICATION OF UNITS WILL BE AT RISK OF NOT BEING APPROVED.
 3. ANY EXHAUST AIR.



BRANCH CIRCUIT NUMBER
PANELBOARD IDENTIFICATION (P.N.-LP-A)



LSA, Inc.

4743 PARKSIDE CT
ANN ARBOR, MI 48105

734.417.0250 (PHONE)
734.212.2130 (FAX)

ELJMMU-12-01

DANCING PINE
(INTERIOR RENOVATION)
42138 GRAND RIVER AVE
NOVI, MI 48375



SHEET TITLE
ELECTRICAL
PANEL
SCHEDULES
& RISER

PROJECT NO: 2309009

DRAWN: JLS
CHECKED: ZL
APPROVED: _____
DATE: _____ ISSUED FOR: _____

10/28/2024
SHEET
E-2

ELECTRICAL SERVICE CALCULATIONS PER NEC ART. 220 & TABLE 220-20

	LOAD	CONNECTED	DEMAND
LIGHTING (KW)		3.5	3.5
RECEPTACLES (KW)		7.5	7.5
HVAC (KW)		142.0	120.7
EQUIPMENT (KITCHEN)		12.7	6.0
TOTAL PROPOSED LOAD		165.7	139.7
TOTAL (KW)		165.7	139.7
TOTAL (AMP)		459.0	387.0

NEC 1201.4(C) LOCATION: LEBERTY/CONVALL		NEC 1201.4(C) LOCATION: LEBERTY/CONVALL	
No.	Panel	Load Description	Connected Amps
1	1	100A-3P 120V-1P 1500W	15.0
2	2	100A-3P 120V-1P 1500W	15.0
3	3	100A-3P 120V-1P 1500W	15.0
4	4	100A-3P 120V-1P 1500W	15.0
5	5	100A-3P 120V-1P 1500W	15.0
6	6	100A-3P 120V-1P 1500W	15.0
7	7	100A-3P 120V-1P 1500W	15.0
8	8	100A-3P 120V-1P 1500W	15.0
9	9	100A-3P 120V-1P 1500W	15.0
10	10	100A-3P 120V-1P 1500W	15.0
11	11	100A-3P 120V-1P 1500W	15.0
12	12	100A-3P 120V-1P 1500W	15.0
13	13	100A-3P 120V-1P 1500W	15.0
14	14	100A-3P 120V-1P 1500W	15.0
15	15	100A-3P 120V-1P 1500W	15.0
16	16	100A-3P 120V-1P 1500W	15.0
17	17	100A-3P 120V-1P 1500W	15.0
18	18	100A-3P 120V-1P 1500W	15.0
19	19	100A-3P 120V-1P 1500W	15.0
20	20	100A-3P 120V-1P 1500W	15.0
21	21	100A-3P 120V-1P 1500W	15.0
22	22	100A-3P 120V-1P 1500W	15.0
23	23	100A-3P 120V-1P 1500W	15.0
24	24	100A-3P 120V-1P 1500W	15.0
25	25	100A-3P 120V-1P 1500W	15.0
26	26	100A-3P 120V-1P 1500W	15.0
27	27	100A-3P 120V-1P 1500W	15.0
28	28	100A-3P 120V-1P 1500W	15.0
29	29	100A-3P 120V-1P 1500W	15.0
30	30	100A-3P 120V-1P 1500W	15.0
31	31	100A-3P 120V-1P 1500W	15.0
32	32	100A-3P 120V-1P 1500W	15.0
33	33	100A-3P 120V-1P 1500W	15.0
34	34	100A-3P 120V-1P 1500W	15.0
35	35	100A-3P 120V-1P 1500W	15.0
36	36	100A-3P 120V-1P 1500W	15.0
37	37	100A-3P 120V-1P 1500W	15.0
38	38	100A-3P 120V-1P 1500W	15.0
39	39	100A-3P 120V-1P 1500W	15.0
40	40	100A-3P 120V-1P 1500W	15.0
41	41	100A-3P 120V-1P 1500W	15.0
42	42	100A-3P 120V-1P 1500W	15.0
43	43	100A-3P 120V-1P 1500W	15.0
44	44	100A-3P 120V-1P 1500W	15.0
45	45	100A-3P 120V-1P 1500W	15.0
46	46	100A-3P 120V-1P 1500W	15.0
47	47	100A-3P 120V-1P 1500W	15.0
48	48	100A-3P 120V-1P 1500W	15.0
49	49	100A-3P 120V-1P 1500W	15.0
50	50	100A-3P 120V-1P 1500W	15.0
51	51	100A-3P 120V-1P 1500W	15.0
52	52	100A-3P 120V-1P 1500W	15.0
53	53	100A-3P 120V-1P 1500W	15.0
54	54	100A-3P 120V-1P 1500W	15.0
55	55	100A-3P 120V-1P 1500W	15.0
56	56	100A-3P 120V-1P 1500W	15.0
57	57	100A-3P 120V-1P 1500W	15.0
58	58	100A-3P 120V-1P 1500W	15.0
59	59	100A-3P 120V-1P 1500W	15.0
60	60	100A-3P 120V-1P 1500W	15.0
61	61	100A-3P 120V-1P 1500W	15.0
62	62	100A-3P 120V-1P 1500W	15.0
63	63	100A-3P 120V-1P 1500W	15.0
64	64	100A-3P 120V-1P 1500W	15.0
65	65	100A-3P 120V-1P 1500W	15.0
66	66	100A-3P 120V-1P 1500W	15.0
67	67	100A-3P 120V-1P 1500W	15.0
68	68	100A-3P 120V-1P 1500W	15.0
69	69	100A-3P 120V-1P 1500W	15.0
70	70	100A-3P 120V-1P 1500W	15.0
71	71	100A-3P 120V-1P 1500W	15.0
72	72	100A-3P 120V-1P 1500W	15.0
73	73	100A-3P 120V-1P 1500W	15.0
74	74	100A-3P 120V-1P 1500W	15.0
75	75	100A-3P 120V-1P 1500W	15.0
76	76	100A-3P 120V-1P 1500W	15.0
77	77	100A-3P 120V-1P 1500W	15.0
78	78	100A-3P 120V-1P 1500W	15.0
79	79	100A-3P 120V-1P 1500W	15.0
80	80	100A-3P 120V-1P 1500W	15.0
81	81	100A-3P 120V-1P 1500W	15.0
82	82	100A-3P 120V-1P 1500W	15.0
83	83	100A-3P 120V-1P 1500W	15.0
84	84	100A-3P 120V-1P 1500W	15.0
85	85	100A-3P 120V-1P 1500W	15.0
86	86	100A-3P 120V-1P 1500W	15.0
87	87	100A-3P 120V-1P 1500W	15.0
88	88	100A-3P 120V-1P 1500W	15.0
89	89	100A-3P 120V-1P 1500W	15.0
90	90	100A-3P 120V-1P 1500W	15.0
91	91	100A-3P 120V-1P 1500W	15.0
92	92	100A-3P 120V-1P 1500W	15.0
93	93	100A-3P 120V-1P 1500W	15.0
94	94	100A-3P 120V-1P 1500W	15.0
95	95	100A-3P 120V-1P 1500W	15.0
96	96	100A-3P 120V-1P 1500W	15.0
97	97	100A-3P 120V-1P 1500W	15.0
98	98	100A-3P 120V-1P 1500W	15.0
99	99	100A-3P 120V-1P 1500W	15.0
100	100	100A-3P 120V-1P 1500W	15.0

PANEL SCHEDULE: PANEL 100A VOLTAGE: 240/120V, 3 PHASE, 4 WIRE LOCATION: LEBERTY/CONVALL		PANEL SCHEDULE: PANEL 100A VOLTAGE: 240/120V, 3 PHASE, 4 WIRE LOCATION: LEBERTY/CONVALL	
No.	Panel	Load Description	Connected Amps
1	1	100A-3P 120V-1P 1500W	15.0
2	2	100A-3P 120V-1P 1500W	15.0
3	3	100A-3P 120V-1P 1500W	15.0
4	4	100A-3P 120V-1P 1500W	15.0
5	5	100A-3P 120V-1P 1500W	15.0
6	6	100A-3P 120V-1P 1500W	15.0
7	7	100A-3P 120V-1P 1500W	15.0
8	8	100A-3P 120V-1P 1500W	15.0
9	9	100A-3P 120V-1P 1500W	15.0
10	10	100A-3P 120V-1P 1500W	15.0
11	11	100A-3P 120V-1P 1500W	15.0
12	12	100A-3P 120V-1P 1500W	15.0
13	13	100A-3P 120V-1P 1500W	15.0
14	14	100A-3P 120V-1P 1500W	15.0
15	15	100A-3P 120V-1P 1500W	15.0
16	16	100A-3P 120V-1P 1500W	15.0
17	17	100A-3P 120V-1P 1500W	15.0
18	18	100A-3P 120V-1P 1500W	15.0
19	19	100A-3P 120V-1P 1500W	15.0
20	20	100A-3P 120V-1P 1500W	15.0
21	21	100A-3P 120V-1P 1500W	15.0
22	22	100A-3P 120V-1P 1500W	15.0
23	23	100A-3P 120V-1P 1500W	15.0
24	24	100A-3P 120V-1P 1500W	15.0
25	25	100A-3P 120V-1P 1500W	15.0
26	26	100A-3P 120V-1P 1500W	15.0
27	27	100A-3P 120V-1P 1500W	15.0
28	28	100A-3P 120V-1P 1500W	15.0
29	29	100A-3P 120V-1P 1500W	15.0
30	30	100A-3P 120V-1P 1500W	15.0
31	31	100A-3P 120V-1P 1500W	15.0
32	32	100A-3P 120V-1P 1500W	15.0
33	33	100A-3P 120V-1P 1500W	15.0
34	34	100A-3P 120V-1P 1500W	15.0
35	35	100A-3P 120V-1P 1500W	15.0
36	36	100A-3P 120V-1P 1500W	15.0
37	37	100A-3P 120V-1P 1500W	15.0
38	38	100A-3P 120V-1P 1500W	15.0
39	39	100A-3P 120V-1P 1500W	15.0
40	40	100A-3P 120V-1P 1500W	15.0
41	41	100A-3P 120V-1P 1500W	15.0
42	42	100A-3P 120V-1P 1500W	15.0
43	43	100A-3P 120V-1P 1500W	15.0
44	44	100A-3P 120V-1P 1500W	15.0
45	45	100A-3P 120V-1P 1500W	15.0
46	46	100A-3P 120V-1P 1500W	15.0
47	47	100A-3P 120V-1P 1500W	15.0
48	48	100A-3P 120V-1P 1500W	15.0
49	49	100A-3P 120V-1P 1500W	15.0
50	50	100A-3P 120V-1P 1500W	15.0
51	51	100A-3P 120V-1P 1500W	15.0
52	52	100A-3P 120V-1P 1500W	15.0
53	53	100A-3P 120V-1P 1500W	15.0
54	54	100A-3P 120V-1P 1500W	15.0
55	55	100A-3P 120V-1P 1500W	15.0
56	56	100A-3P 120V-1P 1500W	15.0
57	57	100A-3P 120V-1P 1500W	15.0
58	58	100A-3P 120V-1P 1500W	15.0
59	59	100A-3P 120V-1P 1500W	15.0
60	60	100A-3P 120V-1P 1500W	15.0
61	61	100A-3P 120V-1P 1500W	15.0
62	62	100A-3P 120V-1P 1500W	15.0
63	63	100A-3P 120V-1P 1500W	15.0
64	64	100A-3P 120V-1P 1500W	15.0
65	65	100A-3P 120V-1P 1500W	15.0
66	66	100A-3P 120V-1P 1500W	15.0
67	67	100A-3P 120V-1P 1500W	15.0
68	68	100A-3P 120V-1P 1500W	15.0
69	69	100A-3P 120V-1P 1500W	15.0
70	70	100A-3P 120V-1P 1500W	15.0
71	71	100A-3P 120V-1P 1500W	15.0
72	72	100A-3P 120V-1P 1500W	15.0
73	73	100A-3P 120V-1P 1500W	15.0
74	74	100A-3P 120V-1P 1500W	15.0
75	75	100A-3P 120V-1P 1500W	15.0
76	76	100A-3P 120V-1P 1500W	15.0
77	77	100A-3P 120V-1P 1500W	15.0
78	78	100A-3P 120V-1P 1500W	15.0
79	79	100A-3P 120V-1P 1500W	15.0
80	80	100A-3P 120V-1P 1500W	15.0
81	81	100A-3P 120V-1P 1500W	15.0
82	82	100A-3P 120V-1P 1500W	15.0
83	83	100A-3P 120V-1P 1500W	15.0
84	84	100A-3P 120V-1P 1500W	15.0
85	85	100A-3P 120V-1P 1500W	15.0
86	86	100A-3P 120V-1P 1500W	15.0
87	87	100A-3P 120V-1P 1500W	15.0
88	88	100A-3P 120V-1P 1500W	15.0
89	89	100A-3P 120V-1P 1500W	15.0
90	90	100A-3P 120V-1P 1500W	15.0
91	91	100A-3P 120V-1P 1500W	15.0
92	92	100A-3P 120V-1P 1500W	15.0
93	93	100A-3P 120V-1P 1500W	15.0
94	94	100A-3P 120V-1P 1500W	15.0
95	95	100A-3P 120V-1P 1500W	15.0
96	96	100A-3P 120V-1P 1500W	15.0
97	97	100A-3P 120V-1P 1500W	15.0
98	98	100A-3P 120V-1P 1500W	15.0
99	99	100A-3P 120V-1P 1500W	15.0
100	100	100A-3P 120V-1P 1500W	15.0

PANEL SCHEDULE: LSP VOLTAGE: 240/120V, 3 PHASE, 4 WIRE LOCATION: USO HALL									
Panel #		Load Description		AV		Amps		WIRE	
Alt	Inst	Inst	Inst	Circuit	Rating	Term	Term	Size	Mat
1	1	100	100	100A-3P 120V-1P 1500W	15.0	1	1	10	10
2	2	100	100	100A-3P 120V-1P 1500W	15.0	2	2	10	10
3	3	100	100	100A-3P 120V-1P 1500W	15.0	3	3	10	10
4	4	100	100	100A-3P 120V-1P 1500W	15.0	4	4	10	10
5	5	100	100	100A-3P 120V-1P 1500W	15.0	5	5	10	10
6	6	100	100	100A-3P 120V-1P 1500W	15.0	6	6	10	10
7	7	100	100	100A-3P 120V-1P 1500W	15.0	7	7	10	10
8	8	100	100	100A-3P 120V-1P 1500W	15.0	8	8	10	10
9	9	100	100	100A-3P 120V-1P 1500W	15.0	9	9	10	10
10	10	100	100	100A-3P 120V-1P 1500W	15.0	10	10	10	10
11	11	100	100	100A-3P 120V-1P 1500W	15.0	11	11	10	10
12	12	100	100	100A-3P 120V-1P 1500W	15.0	12	12	10	10
13	13	100	100	100A-3P 120V-1P 1500W	15.0	13	13	10	10
14	14	100	100	100A-3P 120V-1P 1500W	15.0	14	14	10	10
15	15	100	100	100A-3P 120V-1P 1500W	15.0	15	15	10	10
16	16	100	100	100A-3P 120V-1P 1500W	15.0	16	16	10	10
17	17	100	100	100A-3P 120V-1P 1500W	15.0	17	17	10	10
18	18	100	100	100A-3P 120V-1P 1500W	15.0	18	18	10	10
19	19	100	100	100A-3P 120V-1P 1500W	15.0	19	19	10	10
20	20	100	100	100A-3P 120V-1P 1500W	15.0	20	20	10	10
21	21	100	100	100A-3P 120V-1P 1500W	15.0	21	21	10	10
22	22	100	100	100A-3P 120V-1P 1500W	15.0	22	22	10	10
23	23	100	100	100A-3P 120V-1P 1500W	15.0	23	23	10	10
24	24	100	100	100A-3P 120V-1P 1500W	15.0	24	24	10	10
25	25	100	100	100A-3P 120V-1P 1500W	15.0	25	25	10	10
26	26	100	100	100A-3P 120V-1P 1500W	15.0	26	26	10	10
27	27	100	100	100A-3P 120V-1P 1500W	15.0	27	27	10	10
28	28	100	100	100A-3P 120V-1P 1500W	15.0	28	28	10	10
29	29	100	100	100A-3P 120V-1P 1500W	15.0	29	29	10	10
30	30	100	100	100A-3P 120V-1P 1500W	15.0	30	30	10	10
31	31	100	100	100A-3P 120V-1P 1500W	15.0	31	31	10	10
32	32	100	100	100A-3P 120V-1P 1500W	15.0	32	32	10	10
33	33	100	100	100A-3P 120V-1P 1500W	15.0	33	33	10	10
34	34	100	100	100A-3P 120V-1P 1500W	15.0	34	34	10	10
35	35	100	100	100A-3P 120V-1P 1500W	15.0	35	35	10	10
36	36	100	100	100A-3P 120V-1P 1500W	15.0	36	36	10	10
37	37	100	100	100A-3P 120V-1P 1500W	15.0	37	37	10	10
38	38	100	100	100A-3P 120V-1P 1500W	15.0	38	38	10	10
39	39	100	100	100A-3P 120V-1P 1500W	15.0	39	39	10	10
40	40	100	100	100A-3P 120V-1P 1500W	15.0	40	40	10	10
41	41	100	100	100A-3P 120V-1P 1500W	15.0	41	41	10	10
42	42	100	100	100A-3P 120V-1P 1500W	15.0	42	42	10	10
43	43	100	100	100A-3P 120V-1P 1500W	15.0	43	43	10	10
44	44	100	100	100A-3P 120V-1P 1500W	15.0	44	44	10	10
45	45	100	100	100A-3P 120V-1P 1500W	15.0	45	45	10	10
46	46	100	100	100A-3P 120V-1P 1500W	15.0	46	46	10	10
47	47	100	100	100A-3P 120V-1P 1500W	15.0	47	47	10	10
48	48	100	100	100A-3P 120V-1P 1500W	15.0	48	48	10	10
49	49	100	100	100A-3P 120V-1P 1500W	15.0	49	49	10	10
50	50	100	100	100A-3P 120V-1P 1500W	15.0	50	50	10	10
51	51	100	100	100A-3P 120V-1P 1500W	15.0	51	51	10	10
52	52	100	100	100A-3P 120V-1P 1500W	15.0	52	52	10	10
53	53	100	100	100A-3P 120V-1P 1500W	15.0	53	53	10	10
54	54	100	100	100A-3P 120V-1P 1500W	15.0	54	54	10	10
55	55	100	100	100A-3P 120V-1P 1500W	15.0	55	55	10	10
56	56	100	100	100A-3P 120V-1P 1500W	15.0	56	56	10	10
57	57	100	100	100A-3P 120V-1P 1500W	15.0	57	57	10	10
58	58	100	100	100A-3P 120V-1P 1500W	15.0	58	58	10	10
59	59	100	100	100A-3P 120V-1P 1500W	15.0	59	59	10	10
60	60	100	100	100A-3P 120V-1P 1500W	15.0	60	60	10	10
61	61	100	100	100A-3P 120V-1P 1500W	15.0	61	61	10	10
62	62	100	100	100A-3P 120V-1P 1500W	15.0	62	62	10	10
63	63	100	100	100A-3P 120V-1P 1500W	15.0	63	63	10	10
64	64	100	100	100A-3P 120V-1P 1500W	15.0	64	64	10	10
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72	72	100	100	100A-3P 120V-1P 1500W	15.0	72	72	10	10
73	73	100	100	100A-3P 120V-1P 1500W	15.0	73	73	10	10
74	74	100	100	100A-3P 120V-1P 1500W	15.0	74	74	10	10
75	75	100	100	100A-3P 120V-1P 1500W	15.0	75	75	10	10
76	76	100	100	100A-3P 120V-1P 1500W	15.0	76	76	10	10
77	77	100	100	100A-3P 120V-1P 1500W	15.0	77	77	10	10
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79	79	100	100	100A-3P 120V-1P 1500W	15.0	79	79	10	10
80	80	100	100	100A-3P 120V-1P 1500W	15.0	80	80	10	10
81	81	100	100	100A-3P 120V-1P 1500W	15.0	81	81	10	10
82	82	100	100	100A-3P 120V-1P 1500W	15.0	82	82	10	10
83	83	100	100	100A-3P 120V-1P 1500W	15.0	83	83	10	10
84	84	100	100	100A-3P 120V-1P 1500W	15.0	84	84	10	10
85	85	100	100	100A-3P 120V-1P 1500W	15.0	85	85	10	10
86	86	100	100	100A-3P 120V-1P 1500W	15.0	86	86	10	10
87	87	100	100	100A-3P 120V-1P 1500W	15.0	87	87	10	10
88	88	100	100	100A-3P 120V-1P 1500W	15.0	88	88	10	10
89	89	100	100	100A-3P 120V-1P 1500W	15.0	89	89	10	10
90	90	100	100	100A-3P 120V-1P 1500W	15.0	90	90	10	10
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93	93	100	100	100A-3P 120V-1P 1500W	15.0	93	93	10	10
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100	100	100	100	100A-3P 120V-1P 1500W	15.0	100	100	10	10
101	101	100	100	100A-3P 120V-1P 1500W	15.0	101	101	10	10
102	102	100	100	100A-3P 120V-1P 1500W	15.0	102	102	10	10
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104	104	100	100	100A-3P 120V-1P 1500W	15.0	104	104	10	10
105	105	100	100	100A-3P 120V-1P 1500W	15.0	105	105	10	10
106	106	100	100	100A-3P 120V-1P 1500W	15.0	106	106	10	10
107	107	100	100	100A-3P 120V-1P 1500W	15.0	107	107	10	10
108	108	100	100	100A-3P 120V-1P 1500W	15.0	108	108	10	10
109	109	100	100	100A-3P 120V-1P 1500W	15.0	109	109	10	10
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111	111	100	100	100A-3P 120V-1P 1500W	15.0	111	111	10	10
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118	118	100	100	100A-3P 120V-1P 1500W	15.0	118	118	10	10
119	119	100	100	100A-3P 120V-1P 1500W	15.0	119	119	10	10
120	120	100	100	100A-3P 120V-1P 1500W	15.0	120	120	10	10
121	121	100	100	100A-3P 120V-1P 1500W	15.0	121	121	10	10
122	122	100	100	100A-3P 120V-1P 1500W	15.0	122	122	10	10
123	123	100	100	100A-3P 120V-1P 1500W	15.0	123	123	10	10
124	124	100	100	100A-3P 120V-1P 1500W	15.0	124	124	10	10
125	125	100	100	100A-3P 120V-1P 1500W	15.0	125	125	10	10
126	126								



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DANCING PINE
(INTERIOR RENOVATION)
42735 GRAND RIVER AVE
NOVA, MI 48375



SHEET TITLE
ELECTRICAL
LIGHTING
PLAN

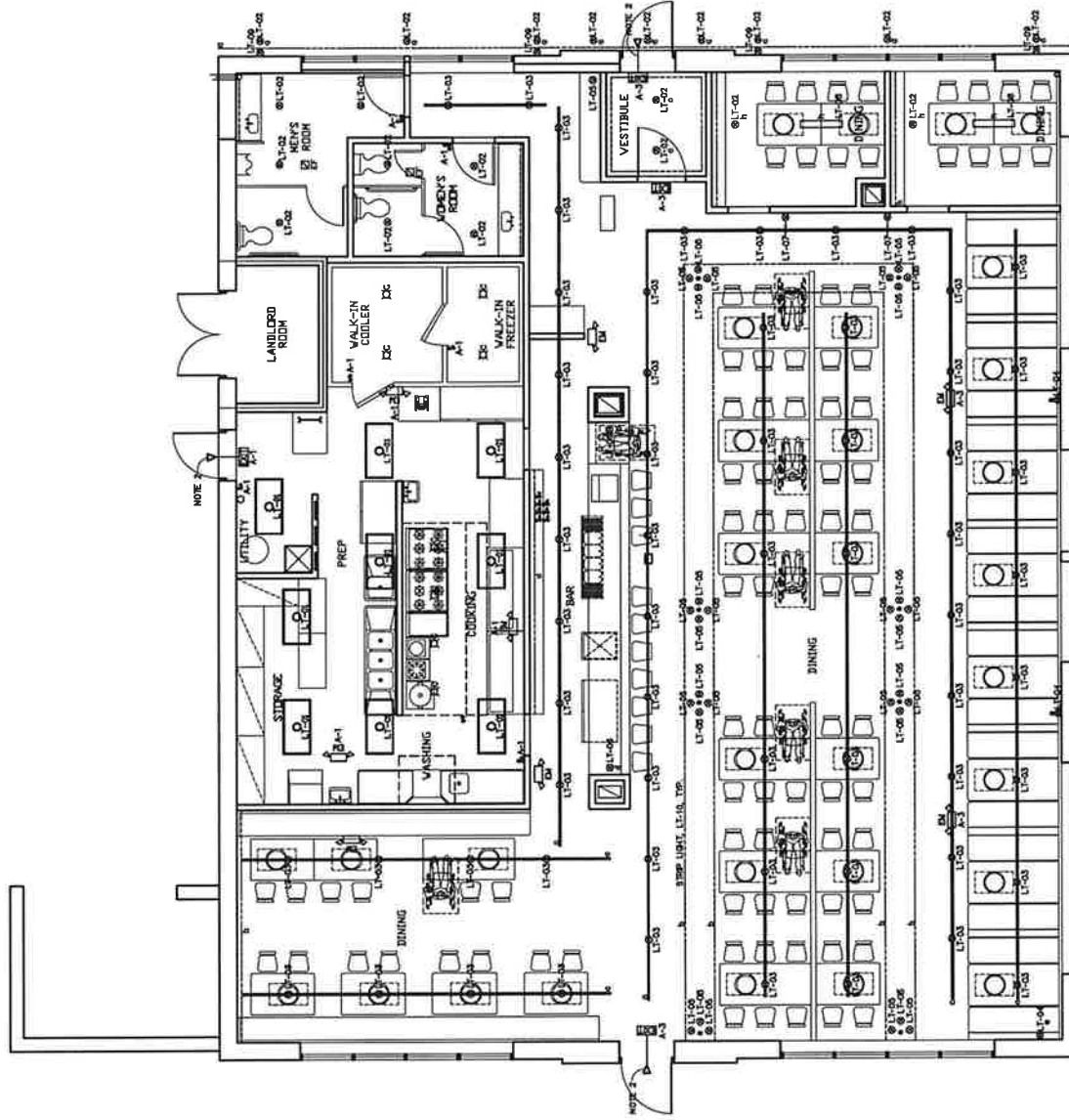
PROJECT NO. 2309009

DRAWN: J.S.
CHECKED: Z.L.
APPROVED:

DATE ISSUED FOR:

10/28/2024
SHEET

E-3



ELECTRICAL - LIGHTING PLAN
SHEET 17-1

LUMINAIRE SCHEDULE (COORDINATE SELECTION WITH THE OWNER)

- L1-01 24" LINEAR TRIMMABLE, 3000K, 4000K, CEILING MOUNTED WITH PLATING PRESERVING LENSES.
- L1-02 8" INCH, 18" RECESSED, 1800, 3000K, LUMINOUS LED DOWNLIGHT.
- L1-03 DECORATIVE CEILING LED, 800 LUMEN PAR 20 TRACK HEAD AND TRACK, 3000K, 7W DIMMABLE BY THE OWNER. COORDINATE SELECTION WITH THE OWNER. TRACK HEADS AS SHOWN OR AS REQUIRED BY THE OWNER.
- L1-04 WALL MOUNTED LED DOWNLIGHT, 3000K, ADJUSTABLE DIMMING DRIVER WITH SETTINGS AT 15%/100%/50% DIMMING.
- L1-05 6" LED RECESSED DOWNLIGHT, 800 LUMENS, 3000K, 7W, DIMMABLE WITH BLACK TRIM.
- L1-06 DECORATIVE LED LIGHT, TABLE MOUNTED, DIMMABLE DRIVER 215-230 LUMENS, 3000K.
- L1-07 WALL MOUNTED LED DOWNLIGHT, 3000K, DIMMABLE DRIVER 70-120 LUMENS, 3000K.
- L1-08 PENDANT LED LINEAR LIGHT, BLACK FINISH, DIMMABLE DRIVER 170-1100 LUMENS, 3000K.
- L1-09 WALL MOUNTED LED UPLIGHT, BLACK FINISH, DIMMABLE DRIVER 80-200 LUMENS, 3000K.
- L1-10 LED CONTINUOUS LINEAR LIGHT, 3000K, 7W/FOOT, 3000K.
- C 8" INCH, LED, 1800 LUMENS, 15W VAPOR-PROOF SHIELDED, BATTERPROOF.
- EM EMERGENCY LIGHTS WITH CHARGER & BATTERY PACK.
- EXIT EXIT LIGHT & SIGN WITH CHARGER & BATTERY PACK & REMOTE HEAD.
- SNOW SNOW MOUNTED LED, 3000K, 300W MAX BOWAGE ASSEMBLY.

EMERGENCY LIGHTING NOTES

- EMERGENCY LIGHTS SHALL BE INSTALLED IN THE MAIN AND REMOTE AREAS OF THE BUILDING.
- EMERGENCY LIGHTS SHALL BE INSTALLED IN THE MAIN AND REMOTE AREAS OF THE BUILDING.
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- EMERGENCY LIGHTS SHALL BE INSTALLED IN THE MAIN AND REMOTE AREAS OF THE BUILDING.

LIGHTING SHEET NOTES

- COORDINATE LIGHTING CONTROL AND ZONING WITH THE OWNER.

GAS REQUIREMENT CALCULATION

EQUIPMENT	BTU VALUE
ROOF TOP UNIT 1	200,000 (N4-F)
ROOF TOP UNIT 2	200,000
MADE UP AIR UNIT 1	110,000
MADE UP AIR UNIT 2	184,000
MADE UP AIR UNIT 3	270,000
MADE UP AIR UNIT 4	196,000
WATER HEATER	700,000
WATER COOLING EQUIPMENT	344,868
CHILLER	

HOT WATER REQUIREMENT (100 D.F. RISE)

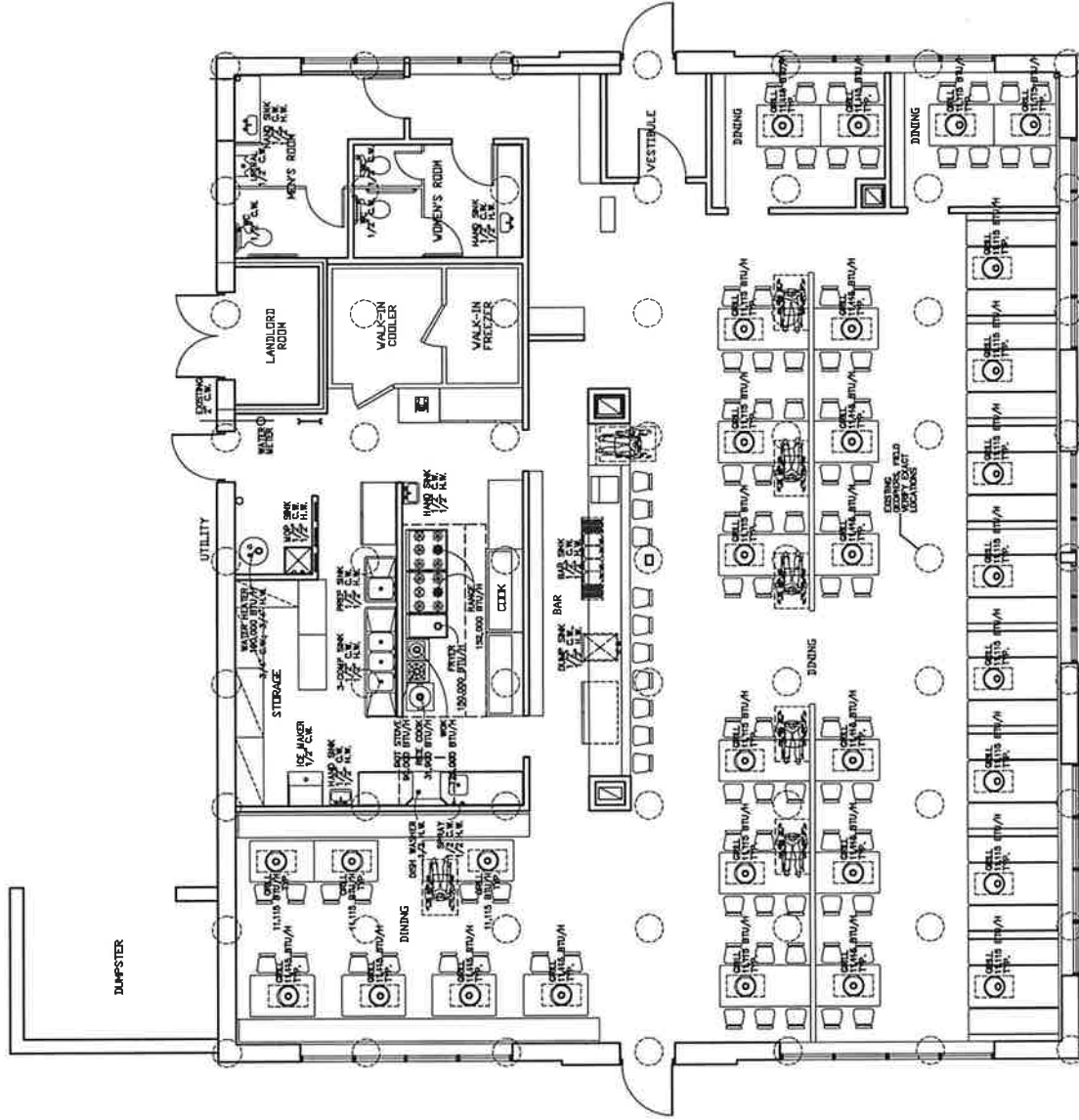
EQUIPMENT	NUMBER OF FATIGUES	DPH PER FATIGUE	TOTAL DPH	WATER USED ML	DPH CONVERSION FACTOR WATER/DPH	DPH TOTAL
MACHINING	2	8.0	16.0	110	10.5 x 0.70	7.0
WELDING	2	8.0	16.0	110	10.5 x 0.70	7.0
PREP SHK	1	16.0	16.0	140	16.5 x 1.00	16.5
5-COMP SHK	1	48.0	48.0	140	48.0 x 1.00	48.0
MOF SHK	1	16.0	16.0	140	16.0 x 1.00	16.0
COMP SHK	1	16.0	16.0	140	16.0 x 1.00	16.0
DRILL	1	28.0	28.0	110	3.0 x 0.70	17.1
DPH	1	48.0	48.0	110	48.0 x 0.70	33.6
DPH MASTER	1	80.0	80.0	140	80.0 x 1.00	80.0

186.2 DPH x (0.640) = 119.3 DPH
 119.3 DPH + 14.7 DPH = 134.0 DPH

187.0 GPM = (140-60) = 8.33 LB/GAL	TOTAL
187.0 GPM = (140-60) = 8.33 LB/GAL	184.713 BTU/H

PLUMBING GENERAL NOTES

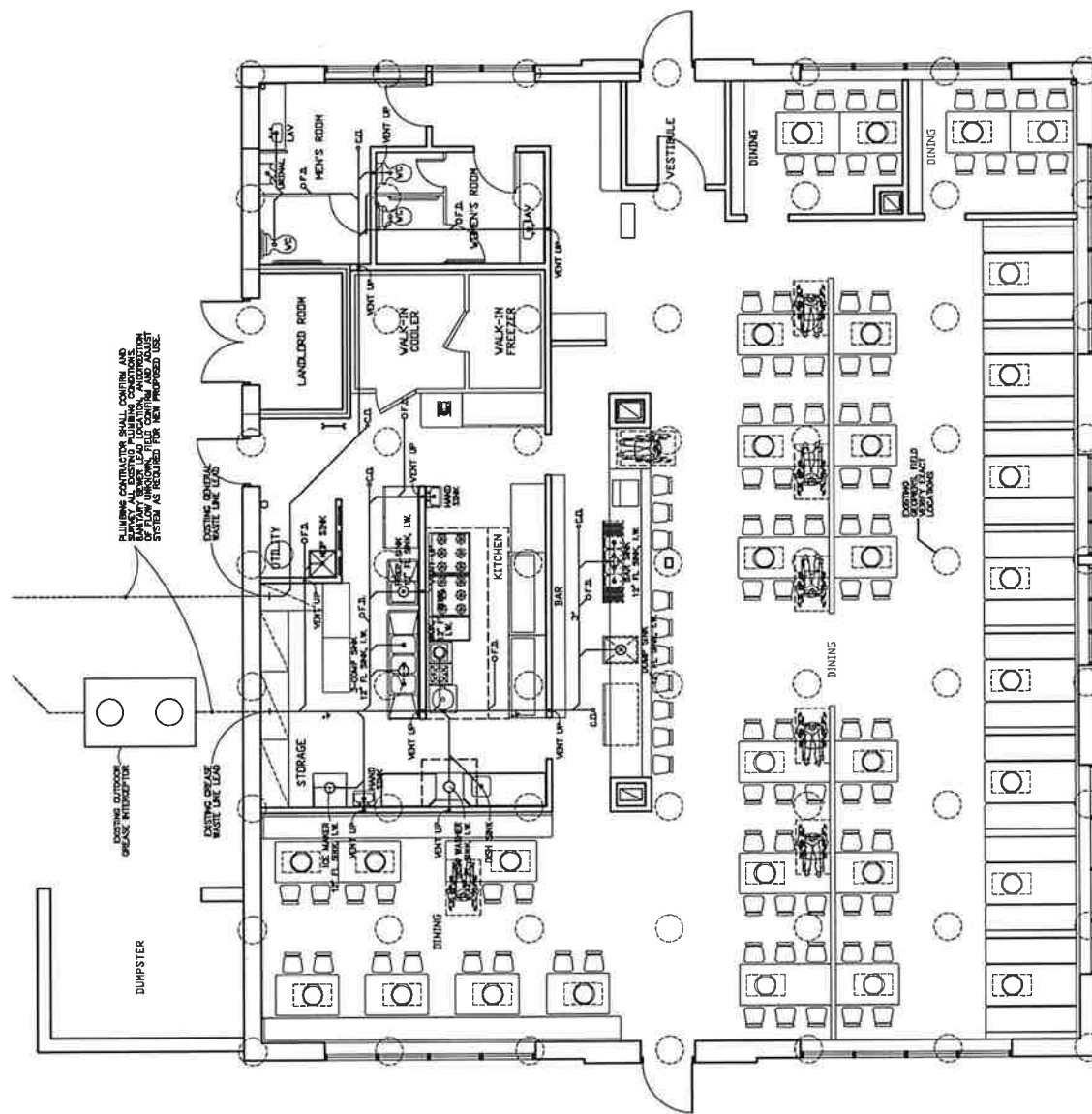
- [illegible]



NOTE: DO NOT RUN THE UNDERFLOOR GAS PIPING THROUGH THE GROUPERS.

PLUMBING - SUPPLY PLAN
SCALE: 1/8" = 1'-0"





PLUMBING - WASTE PLAN

NOTE:
DO NOT RUN THE UNDERFLOOR WASTE
DRAINING THROUGH THE CEILING

PLUMBING CROSS-CONNECTION TABLE

[illegible]

ATMOSPHERIC VACUUM BREAKER
PRESSURE VACUUM BREAKER
REDUCED PRESSURE PRINCIPLE
DOUBLE CHECK VALVE WITH AN ATMOSPHERIC VENT
APPROVED ANTI-SIPHON BALLCOCK ASSEMBLIES



Figure 5



LSA, Inc.

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KLINGSTUBBINS

DANCING PINE
(INTERIOR RENOVATION)
42738 GRAND RIVER AVE
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SHEET TITLE
EXHAUST
SYSTEM
PLAN

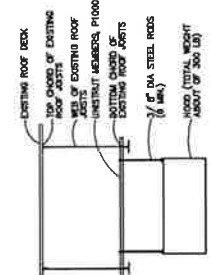
PROJECT NO: 2309008

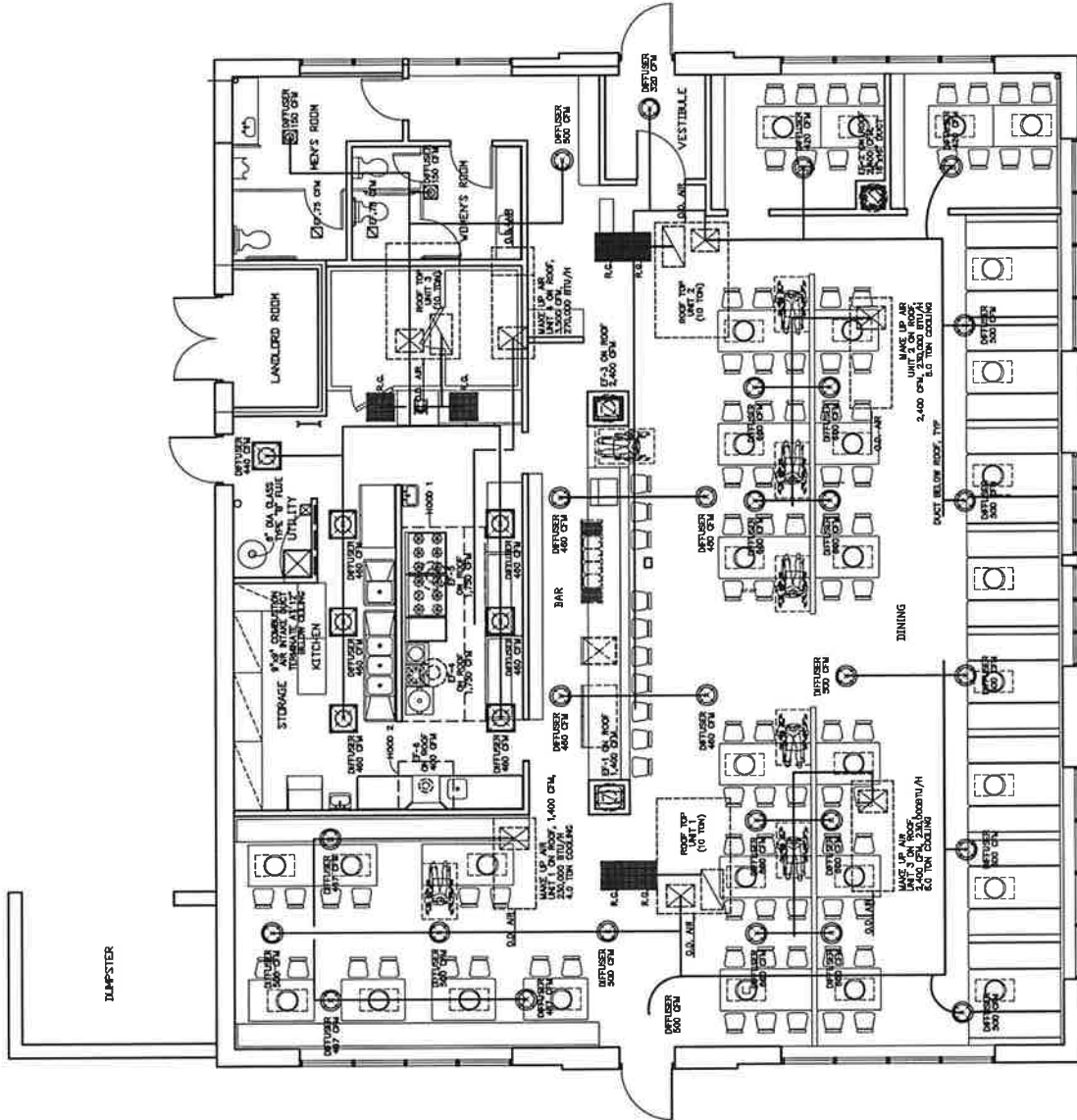
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APPROVED:

DATE: ISSUED FOR:

10/28/2024
REVIEW
SHEET

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GENERAL MECHANICAL NOTES ALL DUCTWORK TO COMPLY WITH ASHRAE CONSTRUCTION STANDARDS, NFPA-96 AND STATE OF MICHIGAN VENTILATION STANDARDS FOR FOOD SERVICE ESTABLISHMENTS, WHERE APPLICABLE. DIFFUSERS TO BE ALUMINUM CONSTRUCTION, 4 WATERPROOF, ADJUSTABLE, PATTERN AND YELLOW, FRAMER OR APPROVED, (FLUSH TYPE). ROUND FLEXIBLE DUCT MAY BE USED FOR DIFFUSER BRANCH CONNECTION PROVIDED FLEXIBLE CONNECTION DOES NOT EXCEED (7) SEVEN FEET IN LENGTH. EXHAUST HODS SHALL BE INSTALLED AND WIRED BY THE CONTRACTOR. EXHAUST HODS SHALL BE INTERLOCKED WITH ANY EXISTING RTU FAN AND AIR FLOW, TO OPERATE SIMULTANEOUSLY. EXISTING RTU SHALL PROVIDE 400CFM DURING "OCCUPIED" MODE. ISOLATION TO BE 1" FOL FACED ON ALL DUCT WORK OUTSIDE THE CONDITIONED SPACE. PROVIDE A CERTIFICATED AIR BALANCE FOR THE ENTIRE AIR HANDLING SYSTEM. CLASS "B" FLUE TO HAVE IMMERSED GAS, EXTENDING (2) TWO FEET ABOVE ROOF DUCT POINT. PROVIDE CABLE, SERVICE, PWS BOXES FOR ALL MECHANICAL ROOF PENETRATIONS. BY OTHER: ROOF SUPPORTS, ELECTRICAL POWER WIRING, GAS PIPING, COOKING HOOD, FIRE PROTECTION SYSTEM. LOCATE THERMOSTAT AT LEAST 4" ABOVE FINISHED FLOOR TO CENTER OF THERMOSTAT. PROVIDE NIGHT SET-BACK THERMOSTAT AS REQUIRED. VERIFY ALL EXISTING JOB CONDITIONS AND ACCOMMODATE AS REQUIRED FOR A COMPLETE INSTALLATION. STATION EQUIPMENT CONDITIONS SHALL BECOME COOKING HOODS VENTILATION SYSTEM AND MEASURE SHOP DRAWINGS FOR APPROVAL BY THE EXISTING AND/OR BUILDING OWNER AND BUILDING DEPARTMENT. ALL SYSTEM SHALL COMPLY WITH HEALTH DEPARTMENT AND ENGINEERING DEPARTMENT OF THE CITY. EXHAUST DUCTS UP TO EXHAUST FAN TO BE 18 GAUGE METAL MINIMUM, WELD TIGHT, DUCT SIZE TO BE DETERMINED BY VENTILATION CONTRACTOR.	FIRE EXTINGUISHING NOTES FIRE EXTINGUISHING SYSTEM IS TO BE PROVIDED FOR COOKING EQUIPMENT HOOD. FIRE EXTINGUISHING SYSTEM SHALL COMPLY IN ALL RESPECTS TO NFPA 97A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS FOR COOKING HOODS AND EXHAUST SYSTEMS. DETAILS OF THE SYSTEM SHALL COMPLY TO NFPA 97A A UL 300 REQUIREMENTS. INSTALL (1) AN TYPICAL HOOD TO BE INTERCONNECTED WITH FIRE DETECTION DEVICE TO AUTOMATICALLY SHUT DOWN IN CASE OF FIRE IN HOOD, AS REQUIRED BY THE DEPARTMENT. COOKING EQUIPMENT HOODS, CHIMNEYS, EXHAUST FANS, EXHAUST SYSTEMS SHALL COMPLY WITH NFPA 97A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS FOR COOKING HOODS AND EXHAUST SYSTEMS. SHALL BE THOROUGHLY FAMILIAR WITH NFPA STANDARDS AND CONSTRUCTION SHALL FURNISH EVIDENCE OF SYSTEM IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. PROVIDE AUTO-SHUT OFF GAS PRESSURE VALVE AS REQUIRED. INSTALL CONTRACTOR FOR THE SYSTEM SHALL BE LICENSED BY THE WET CHEMICAL EQUIPMENT MANUFACTURER, SUBMIT SHOP DRAWING AND SECURE A PERMIT AS REQUIRED, FROM BUILDING DEPARTMENT.	NOTES 1. KITCHEN HOOD EXHAUST FANS SHALL REMAIN ON DURING AN APPLIANCE FIRE, (WHEN THE EXTINGUISH SYSTEM IS ON), THE MAKE-UP-AIR UNIT SHALL BE SHUT DOWN. 2. AIR BALANCE REPORT SHALL BE SUBMITTED TO THE CITY FOR ITS APPROVAL. 3. A LEAK DETECTOR, OR SENSORS, OR BY MEANS OF OTHER APPROVED METHODS ARE INSTALLED TO TURN THE MAKEUP FAN ON WHEN THE GAS FUEL EQUIPMENT IS STARTED. 4. AN AUTO-SHUTOFF GAS VALVE IS REQUIRED. 5. PHAS SYSTEM IN DINING ROOM IS EXISTING TO REMAIN. NOTES RETURN AIR DUCT ABOVE DETECTION, KETPAID, AND STORES ARE REQUIRED. PROVIDE A SERVICE DUCTWORK WITHIN 25 FEET OF THE ROOF TOP EQUIPMENT FOR E 300.12. PROVIDE CITY A CERTIFICATE OF EQUIPMENT DEMONSTRATING THAT THE EQUIPMENT IS IN GOOD WORKING CONDITION, FILTERS CHANGED, HEAT EXCHANGER SAFE, ECONOMIZER OPERATIONAL, AIR CONDITIONING PRESSURE CORRECT, AND THERMOSTAT IS A 7 DAY SET FOR FAN OPERATION DURING BUSINESS HOURS.	KITCHEN HOOD HANGING DETAILS 
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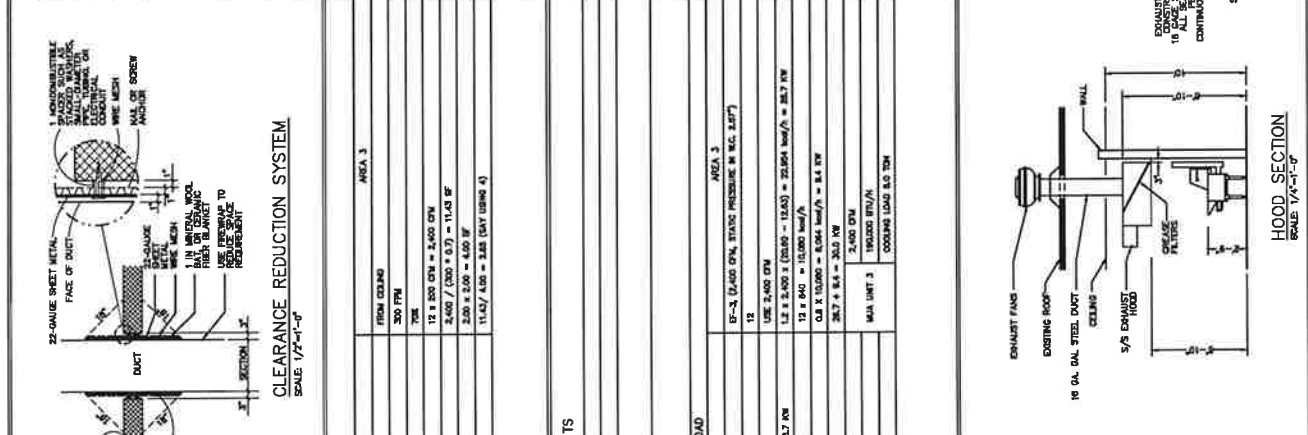


HVAC SYSTEM PLAN
10/28/2024

KITCHEN HOOD VENTILATION REQUIREMENT									
HOOD NO.	HOOD SIZE	HOOD LENGTH	HOOD WIDTH	HOOD HEIGHT	HOOD TYPE	HOOD MATERIAL	HOOD FINISH	HOOD WEIGHT	HOOD COMMENTS
1	14'-0" LONG	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD
2	4' x 4'	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD

HOODS									
HOOD NO.	HOOD SIZE	HOOD LENGTH	HOOD WIDTH	HOOD HEIGHT	HOOD TYPE	HOOD MATERIAL	HOOD FINISH	HOOD WEIGHT	HOOD COMMENTS
1	14'-0" LONG	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD
2	4' x 4'	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD

EXHAUST FAN									
EXHAUST FAN NO.	EXHAUST FAN SIZE	EXHAUST FAN LENGTH	EXHAUST FAN WIDTH	EXHAUST FAN HEIGHT	EXHAUST FAN TYPE	EXHAUST FAN MATERIAL	EXHAUST FAN FINISH	EXHAUST FAN WEIGHT	EXHAUST FAN COMMENTS
1	14'-0" LONG	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD
2	4' x 4'	30"	30"	30"	TYPE II	304 SS	304 SS	300 LB	TYPE II HOOD



SHRIMP REQUIREMENT SCHEDULE									
PRODUCT NO.	QUANTITIES	HEAT SOURCE	ELECTRICAL CONSUMPTION	POWER	VOLTAGE	EXHAUST AIR VOLUME	REQUIRED STATIC PRESSURE	SAFETY DEVICE	REMARKS
SPIN-S	20	GAS	3.00 KW	250W	120/1P	MIN. 300 CFM	375 Pa	OVER HEATING DETECTOR	OVER HEATING DETECTOR

FIRE EXTINGUISHING NOTES									
THE EXTINGUISHING SYSTEM IS TO BE PROVIDED FOR COOKING EQUIPMENT HOODS. THE EXTINGUISHING SYSTEM SHALL CONFORM TO ALL APPLICABLE NFPA, IFPA, AND UL STANDARDS. THE EXTINGUISHING SYSTEM SHALL BE INTERCONNECTED WITH THE DETECTION DEVICE TO AUTOMATICALLY SHUT DOWN IN CASE OF FIRE IN HOOD, AS REQUIRED BY FIRE DEPARTMENT. COOKING EQUIPMENT HOOD, EXHAUST DUCT, FAN AND CHIMNEY EXTINGUISHING SYSTEM SHALL CONFORM TO NFPA STANDARDS, SUPPLIES, MANUFACTURER, AND INSTALLATION OF EQUIPMENT SHALL BE THOROUGHLY FAMILIAR WITH NFPA STANDARDS AND CONVENTIONS SHALL FURNISH SUBSTANTIATION NFPA, AND/OR UL CERTIFICATION OF SYSTEM COMPONENTS AND IT REQUIRED SHALL CONDUCT A TEST OF SYSTEM IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. PROVIDE AUTO-SHUT OFF GAS PRESSURE VALVE AS REQUIRED. METAL CONNECTOR FROM THE SYSTEM SHALL BE PROVIDED BY THE MET CHIMNEY EQUIPMENT MANUFACTURER, SUBMIT SHOP DRAWING AND SECURE A PERMIT AS REQUIRED FROM LOCAL FIRE DEPARTMENT.									

