

# Lowell School District

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45 S. Moss St. ♦ Lowell, Oregon 97452 ♦ (541) 937-2105

## **Board of Director's Meeting**

October 24, 2016

Professional Development Center

6:00 pm - Executive Session

7:00 pm - Public Session

### **AGENDA**

The Lowell School Board encourages public input. Persons wishing to address the Board on school related issues, are invited to do so, either when the item is presented on the agenda, or under the "Public Comments" section. In the interest of time and order, presentations from the public are limited to three (3) minutes per person, and the total time for individual agenda items shall not exceed twenty (20) minutes. An individual speaker's allotted time may not be increased by a donation of time from members of the public in attendance. If you wish to speak under Public Comments, please complete a Public Comment Form and turn it in to the Assistant to the Superintendent. The Board requests complaints or charges against an employee be held in Executive Session. Individuals who require disability-related accommodations or modifications to participate in the Board meeting should contact the Superintendent in writing prior to the meeting.

#### **1.0 OPENING BUSINESS—Professional Development Center—6:00 pm**

- 1.1 Call to Order
- 1.2 Public Comment on Executive Session Topics
- 1.3 Convene to Executive Session Pursuant to ORS 192.660

#### **2.0 EXECUTIVE SESSION—Superintendent's Office Conference Room**

- 2.1 Pursuant to ORS 192.660(2)(i)
  - To review and evaluate the employment-related performance of the chief executive officer of any public body, a public officer, employee or staff member who does not request an open hearing.
  - 2.1.1 Discussion of Superintendent's Annual Objectives and Evaluation Process
- 2.2 Pursuant to ORS 192.660 (2) (d).
  - To conduct deliberations with persons designated by the governing body to carry on labor negotiations.
- 2.3 Pursuant to ORS 192.660 (2)(f)
  - To consider records exempt by law from public inspection.
- 2.4 Return to Public Session

#### **3.0 OPENING OF PUBLIC SESSION—Professional Development Center—7:00 pm**

- 3.1 Public Session Call to Order
- 3.2 Pledge of Allegiance
- 3.3 Attendance:
  - \_\_\_ Joyce Donnell, Chair
  - \_\_\_ Dennis McCallum, Vice-Chair
  - \_\_\_ Suzanne Kintzley
  - \_\_\_ Mike Galvin

\_\_\_ Jim Chapman  
\_\_\_ Walt Hanline, Ed. D., Superintendent  
\_\_\_ Kay Graham, Secondary Principal  
\_\_\_ Johnnie Matthews, Elementary Principal  
\_\_\_ Chelsea Byrne, Student Body Representative  
\_\_\_ Michelle Stephens, Assistant to the Superintendent

Approval of Agenda – October 24, 2016

Recommended Action: Approval of Agenda

MOTION: \_\_\_ 2<sup>nd</sup>: \_\_\_ AYES: \_\_\_ NOES: \_\_\_ ABSTAIN: \_\_\_

#### 4.0 **COMMUNITY/SCHOOL PRESENTATIONS**

*\*\*Those that have received commendations or made presentations will have an opportunity to be excused at this time.*

#### 5.0 **PUBLIC COMMENT**

*\*\*Opportunity for Citizens to address items not on the Agenda. Persons wishing to address the Board on any school related issue not listed elsewhere on the agenda are invited to do so now. Board Members are limited, but not required, to give a brief response to public statements or questions regarding non-agenda items.*

#### 6.0 **CONSENT AGENDA—consolidated motion**

*\*\*The purpose of the Consent Agenda is to expedite action on routine agenda items. These items will be acted upon with one motion, second and approval of the Board, unless a member of the board or public wishes to pull the item for individual discussion and action. All matters listed under Consent Agenda are those on which the board has previously deliberated or can be classified as routine items of business. **There will be no separate discussion of these items prior to the vote by the Board unless members of the Board, staff, or public request specific items to be discussed or pulled from the Consent Agenda.** Members of the public who wish to speak on an item must first fill out a public comment card.*

6.1 Board Minutes from September 26, 2016 Board Meeting (Attachment)

6.2 Check Register: 29019-29171 (Attachment)

MOTION: \_\_\_ 2<sup>nd</sup>: \_\_\_ AYES: \_\_\_ NOES: \_\_\_ ABSTAIN: \_\_\_

#### 7.0 **ACTION DISCUSSION**

7.1 Recommendation: Approve Resolution to Adopt the OSBA 2017-2018 Legislative Priorities and Policies as recommended by the Legislative Policy Committee —Presented by Dr. Hanline (Attachment)

Explanatory Statement: Each School Board is required to vote on this Resolution for the OSBA

MOTION: \_\_\_ 2<sup>nd</sup>: \_\_\_ AYES: \_\_\_ NOES: \_\_\_ ABSTAIN: \_\_\_

7.2 Recommendation: Approve the request for proposals for the Design-Build-Renovation of Lowell Jr./Sr. High School and Lundy Elementary—Presented by Dr. Hanline (Attachment)

Explanatory Statement: All changes with potential monetary expenditures to the Lowell School District must be approved by the Lowell School Board

MOTION: \_\_\_ 2<sup>nd</sup>: \_\_\_ AYES: \_\_\_ NOES: \_\_\_ ABSTAIN: \_\_\_

## **8.0 INFORMATION AND STUDY**

- 8.1 Report on Comparison Districts and the State Testing Program—Presented by Mr. Matthews
- 8.2 Report on Ballot Measure 98—Presented by Ms. Graham and Mr. Matthews
- 8.3 Food Service Report—Mr. Reid
- 8.4 OSBA Regional Meeting Report—Dr. Hanline and Mr. Matthews
- 8.5 Facility Update/Report—Presented by Mr. Matthews
- 8.6 Utility Report—Referred by Ms. Weathers (Attachment)
- 8.7 Bridge Charter Academy Report—Presented by Mr. Matthews
- 8.8 Mountain View Academy Financial Report—Referred by Ms. Weathers (Attachment)
- 8.9 Bridge Charter Academy Financial Report—Referred by Ms. Weathers (Attachment)
- 8.10 Financial Report—Referred by Mr. Standridge (Attachment)
- 8.11 Activities Fund Report—Referred by Ms. Weathers (Attachment)
- 8.12 Student Body Representative Report—Presented by Ms. Byrne
- 8.13 Secondary Principal's Report—Presented by Ms. Graham
- 8.14 Elementary Principal's Report—Presented by Mr. Matthews
- 8.15 Superintendent's Report—Presented by Dr. Hanline
- 8.16 Board Members' Report

## **9.0 ADJOURNMENT**

Any documents that are public records and are provided attachments to public session items on this agenda are accessible to the public on the District's Website, with the exception of documents provided at the time of the meeting. Documents that are public records, and are provided at the time of the meeting to a majority of the Board regarding a public session item, will be made available for public inspection upon request to the Superintendent's Assistant.

# Lowell School District

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## **Board of Director's Meeting**

September 26, 2016

Professional Development Center

6:00 pm - Executive Session

7:00 pm - Public Session

## **Minutes**

The Lowell School Board encourages public input. Persons wishing to address the Board on school related issues, are invited to do so, either when the item is presented on the agenda, or under the "Public Comments" section. In the interest of time and order, presentations from the public are limited to three (3) minutes per person, and the total time for individual agenda items shall not exceed twenty (20) minutes. An individual speaker's allotted time may not be increased by a donation of time from members of the public in attendance. If you wish to speak under Public Comments, please complete a Public Comment Form and turn it in to the Assistant to the Superintendent. The Board requests complaints or charges against an employee be held in Executive Session. Individuals who require disability-related accommodations or modifications to participate in the Board meeting should contact the Superintendent in writing prior to the meeting.

### **1.0 OPENING BUSINESS—Professional Development Center—6:00 pm**

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- 1.2 Public Comment on Executive Session Topics
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  - To review and evaluate the employment-related performance of the chief executive officer of any public body, a public officer, employee or staff member who does not request an open hearing.
    - 2.1.1 Discussion of Superintendent's Annual Objectives and Evaluation Process
- 2.2 Pursuant to ORS 192.660 (2) (d).
  - To conduct deliberations with persons designated by the governing body to carry on labor negotiations.
- 2.3 Pursuant to ORS 192.660 (2)(f)
  - To consider records exempt by law from public inspection.
    - The Lowell School Board considered the items reflected on the Executive Session Agenda and no action was taken.
- 2.4 Return to Public Session

### **3.0 OPENING OF PUBLIC SESSION—Professional Development Center—7:00 pm**

- 3.1 Public Session Call to Order
- 3.2 Pledge of Allegiance
- 3.3 Attendance:
  - \_\_\_ Joyce Donnell, Chair
  - \_\_\_ Dennis McCallum, Vice-Chair
  - \_\_\_ Suzanne Kintzley



AB Mike Galvin  
\_\_\_ Jim Chapman  
\_\_\_ Walt Hanline, Ed. D., Superintendent  
\_\_\_ Kay Graham, Secondary Principal  
\_\_\_ Johnie Matthews, Elementary Principal  
\_\_\_ Maddie Christianson (substitute), Student Body Representative  
\_\_\_ Michelle Stephens, Assistant to the Superintendent

#### 3.4 Approval of Agenda – September 26, 2016

Recommended Action: Approval of agenda as amended

MOTION: Dennis Galvin 2<sup>nd</sup>: Suzanne Kintzley AYES: 4 NOES: 0 ABSTAIN: 0

#### 4.0 **COMMUNITY/SCHOOL PRESENTATIONS**

##### 4.1 Presentation to Dennis McCallum for his service as Chairman of the Lowell School Board

*\*\*Those that have received commendations or made presentations will have an opportunity to be excused at this time.*

#### 5.0 **PUBLIC COMMENT**

*\*\*Opportunity for Citizens to address items not on the Agenda. Persons wishing to address the Board on any school related issue not listed elsewhere on the agenda are invited to do so now. Board Members are limited, but not required, to give a brief response to public statements or questions regarding non-agenda items.*

#### 6.0 **CONSENT AGENDA—consolidated motion**

*\*\*The purpose of the Consent Agenda is to expedite action on routine agenda items. These items will be acted upon with one motion, second and approval of the Board, unless a member of the board or public wishes to pull the item for individual discussion and action. All matters listed under Consent Agenda are those on which the board has previously deliberated or can be classified as routine items of business. **There will be no separate discussion of these items prior to the vote by the Board unless members of the Board, staff, or public request specific items to be discussed or pulled from the Consent Agenda.** Members of the public who wish to speak on an item must first fill out a public comment card.*

6.1 Board Minutes from August 16, 2016 Board Meeting (Attachment)

6.2 Board Minutes from August 29, 2016 Board Meeting (Attachment)

6.3 Ratification of Employment (Attachment)

6.4 Check Register: 28892-29018 (Attachment)

6.5 Motion: 2<sup>nd</sup> Reading and Approval of policies:

DJC-AR, ECACA, GBM, GBMA, GCBDC/GDBDC-AR, GCDA/GDDA, GCDA/GDDA-AR, IGAI, IGBBA-AR, IGCA, IGDF, IGDF-AR, IKF, JFC, JG, JHCDA, JHCD/JHCDA-AR, JED, BBAA, BBC, BD/BDA, BDC, BDC-AR, BFC, ECACB, JBB, JHCA/JHCB, JHCB, KGB

MOTION to approve as with minor correction: Suzanne Kintzley 2<sup>nd</sup>: Jim Chapman AYES: 4  
NOES: 0 ABSTAIN: 0

#### 7.0 **ACTION DISCUSSION**

7.1 Motion: Approve the board members of the Lowell-Fall Creek Education Foundation:

- Sharon Carroll, Chair
- Diane Stephens, Vice Chair

- Maureen Weathers, Secretary/Treasurer
  - Donna McCallum
  - Warren Weathers
- Presented by Dr. Hanline

Explanatory Statement: As part of the Foundation by-laws, board members must members must be approved by the Lowell School Board

MOTION: Dennis McCallum 2<sup>nd</sup>: Jim Chapman AYES: 4 NOES: 0 ABSTAIN: 0

## 7.2 Motion: Approve Bridge Educational Foundation Board Members:

- Johnie Matthews, Chair
- Ben Silebi, Vice Chair
- Holly Tomlin, Secretary/Treasurer
- Aaron Beldner
- Kellen Sherwood

—Presented by Dr. Hanline

Explanatory Statement: As part of the Foundation by-laws, board members must members must be approved by the Lowell School Board

MOTION: Dennis McCallum 2<sup>nd</sup>: Suzanne Kintzley AYES: 4 NOES: 0 ABSTAIN: 0

## 7.3 Motion: Approve the percentage of the state formula revenue received by Lane ESD be distributed to the school district for any purpose identified by the school district board— Presented by Dr. Hanline (Attachment)

Explanatory Statement: Pursuant to ORS 334.177, as amended by 2013 House Bill 3401, a component school district board may request that a percentage of the state formula revenue received by Lane ESD be distributed to the school district for any purpose identified by the school district board. The request for these “Transit Dollars” will be distributed on an ADMw basis.

MOTION to approve the percentage not to exceed 50%: Dennis McCallum 2<sup>nd</sup>: Suzanne Kintzley AYES: 4 NOES: 0 ABSTAIN: 0

## 7.4 Motion: Approve the Competitive Bid Exemption under Oregon Statute-ORS 279C.335(3)— Presented by Dr. Hanline (Attachment)

Explanatory Statement: Lowell School Board must approve all matters relating to

MOTION: Suzanne Kintzley 2<sup>nd</sup>: Dennis McCallum AYES: 4 NOES: 0 ABSTAIN: 0

## 7.5 Motion: Approve the job descriptions for School/Department Secretary I Assistant, School/Department Secretary, School/Department Secretary II Advanced --Presented by Dr. Hanline (Attachment)

Explanatory Statement: Lowell School Board must approve all matters relating to employment and any item that may be negotiable

MOTION: Dennis McCallum 2<sup>nd</sup>: Suzanne Kintzley AYES: 4 NOES: 0 ABSTAIN: 0

7.6 Motion: Approve the job description for Alternative Education Assistant --Presented by Dr. Hanline (Attachment)

Explanatory Statement: Lowell School Board must approve all matters relating to employment and any item that may be negotiable

MOTION: Dennis McCallum 2<sup>nd</sup>: Joyce Donnell AYES: 3 NOES: 0 ABSTAIN: 1

7.7 Motion: Approve the job description for Maintenance Technician --Presented by Dr. Hanline (Attachment)

Explanatory Statement: Lowell School Board must approve all matters relating to employment and any item that may be negotiable

MOTION: Dennis McCallum 2<sup>nd</sup>: Suzanne Kintzley AYES: 4 NOES: 0 ABSTAIN: 0

## **8.0 INFORMATION AND STUDY**

8.1 State Wide Testing Report—Presented by Ms. Graham and Mr. Matthews

Growth rates for Lowell High School and Lundy Elementary are improving and growth rate is increasing

8.2 Healthy and Safe Schools Plan—Referred by Ms. Stephens

- Elements of the plan presented to the board

8.3 Facility Update/Report—Presented by Mr. Matthews

- Daily updates
- \$6500.00 to install playground equipment

8.4 Utility Report—Referred by Ms. Weathers (Attachment)

8.5 Bridge Charter Academy Report—Presented by Mr. Matthews

- 132 students
- Received planning grant—asking Mr. Vondoloski for an update on what the planning grant will be used for
- Possible interest for expanding a satellite charter in Bend

8.6 Mountain View Academy Financial Report—Referred by Ms. Weathers (Attachment)

8.7 Bridge Charter Academy Financial Report—Referred by Ms. Weathers (Attachment)

8.8 Financial Report—Referred by Mr. Standridge (Attachment)

8.9 Activities Fund Report—Referred by Ms. Weathers (Attachment)

8.10 Communications Update—Presented by Ms. Stephens

8.11 Student Body Representative Report—Presented by Ms. Christianson

- Video that was made to welcome students back to school and promote school spirit
- Welcome back dance
- Orientation for 7 & 9<sup>th</sup> grades
- Spirit week
- Homecoming
- 5<sup>th</sup> of October is Parent night for financial aid (there will be two events)
- PSAT on October 19<sup>th</sup>

- College visits are beginning
- Lundy has been ramping up for PBIS
- Kid of the week for Lundy
- 6<sup>th</sup> grade is going to Skinner's Butte for the traveling Vietnam Vet Wall
- October 7<sup>th</sup> is the Jog-a-thon
- Self-Manager applications and assembly

8.12 Secondary Principal's Report—Presented by Ms. Graham

8.13 Elementary Principal's Report—Presented by Mr. Matthews

8.14 Superintendent's Report—Presented by Dr. Hanline

8.15 Board Members' Report

## 9.0 **ADJOURNMENT**

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SUNGARD PENTAMATION  
 DATE: 10/18/2016  
 TIME: 18:32:27

LOWELL SCHOOL DISTRICT #71  
 CHECK REGISTER - BY FUND

PAGE NUMBER: 1  
 ACCTPA21

SELECTION CRITERIA: transact.ck\_date between '20160901 00:00:00.000' and '20160930 00:00:00.000'  
 ACCOUNTING PERIOD: 4/17

FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29019	09/01/16	2573	ADVANCE AUTO PARTS	1002554000000000	410	VEHICLE PARTS	0.00	8.72
A101	29019	09/01/16	2573	ADVANCE AUTO PARTS	1002554000000000	410	VEHICLE PARTS	0.00	31.68
TOTAL CHECK									40.40
A101	29020	09/01/16	2263	ANTHONY NOLAN	1002543000000000	410	GROUNDSKEEPING	0.00	23.10
A101	29021	09/01/16	2584	BANNER BANK	1002525000000000	640	BCA PAYROLL FEE	0.00	4.00
A101	29021	09/01/16	2584	BANNER BANK	1002554000000000	410	TRANSP. SUPPLIES	0.00	25.80
A101	29021	09/01/16	2584	BANNER BANK	1002543000000000	410	GROUNDSKEEPING	0.00	43.85
A101	29021	09/01/16	2584	BANNER BANK	1002542000000000	410	BLDG MAINTENANCE	0.00	221.82
A101	29021	09/01/16	2584	BANNER BANK	1002525000000102	410	BCA BANK CHECKS	0.00	228.56
A101	29021	09/01/16	2584	BANNER BANK	1002574000000000	353	POSTAGE	0.00	306.45
A101	29021	09/01/16	2584	BANNER BANK	1002130000000000	410	HEALTH SUPPLIES	0.00	471.68
A101	29021	09/01/16	2584	BANNER BANK	1002520000000000	340	MCNAMARA CONF TRAVE	0.00	475.26
TOTAL CHECK									1,777.42
A101	29023	09/01/16	2141	GRAINGER	1002554000000000	410	VEHICLE PARTS	0.00	71.87
A101	29024	09/01/16	2504	HEIDI SAWITZKE	1001131000110000	410	CLASSROOM SUPPLIES	0.00	150.00
A101	29025	09/01/16	1750	I5-GLASS COMPANY	1002542000000102	410	BLDG MAINTENANCE	0.00	105.00
A101	29026	09/01/16	1884	JASPER MOUNTAIN	1001281000320000	371	AUG INSTRUCTION	0.00	1,512.00
A101	29026	09/01/16	1884	JASPER MOUNTAIN	1001281000320000	371	JULY INSTRUCTION	0.00	3,402.00
TOTAL CHECK									4,914.00
A101	29027	09/01/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	49.98
A101	29027	09/01/16	1071	JERRY'S BUILDING MA	1002554000000000	410	TRANSP. EXPENSES	0.00	52.63
A101	29027	09/01/16	1071	JERRY'S BUILDING MA	1002543000000000	410	GROUNDSKEEPING	0.00	123.43
A101	29027	09/01/16	1071	JERRY'S BUILDING MA	1002542000000102	410	BLDG MAINTENANCE BC	0.00	178.32
TOTAL CHECK									404.36
A101	29028	09/01/16	2397	KATRINA BURKHARDT	1001111000000030	410	CLASSROOM SUPPLIES	0.00	73.19
A101	29029 V	09/01/16	2310	KAY GRAHAM	1002321000000000	410	PRESENTATION SUPPLI	0.00	-293.23
A101	29029	09/01/16	2310	KAY GRAHAM	1002321000000000	410	PRESENTATION SUPPLI	0.00	293.23
TOTAL CHECK									0.00
A101	29030	09/01/16	2324	L D ELLISON	1002554000000000	410	TRANSP. SUPPLIES	0.00	61.94
A101	29032	09/01/16	1644	LANE ELECTRIC COOPE	1002554000000000	325	JUL/AUG ELECTRICITY	0.00	66.91
A101	29033	09/01/16	2317	LANE FOREST PRODUCT	1002543000000000	640	DEBRIS DUMP FEE	0.00	9.00
A101	29033	09/01/16	2317	LANE FOREST PRODUCT	1002543000000000	640	DUMP FEES	0.00	20.00
A101	29033	09/01/16	2317	LANE FOREST PRODUCT	1002543000000000	640	DUMP FEES	0.00	20.00
A101	29033	09/01/16	2317	LANE FOREST PRODUCT	1002543000000000	410	GROUNDSKEEPING	0.00	110.00
TOTAL CHECK									159.00
A101	29034	09/01/16	1495	LES SCHWAB TIRE CEN	1002543000000000	322	GROUNDSKEEPING	0.00	31.58
A101	29035 V	09/01/16	1626	LOWELL SCHOOL DISTR	100	A103	HS OFFICE PETTY CAS	0.00	-600.00
A101	29035	09/01/16	1626	LOWELL SCHOOL DISTR	100	A103	HS OFFICE PETTY CAS	0.00	600.00

SUNGARD PENTAMATION  
DATE: 10/18/2016  
TIME: 18:32:27

LOWELL SCHOOL DISTRICT #71  
CHECK REGISTER - BY FUND

PAGE NUMBER: 2  
ACCTPA21

SELECTION CRITERIA: transact.ck\_date between '20160901 00:00:00.000' and '20160930 00:00:00.000'  
ACCOUNTING PERIOD: 4/17

FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
TOTAL CHECK								0.00	0.00
A101	29037	09/01/16	2483	NATIONAL PHOTOCOPY	1002574000000000	355	PHOTOCOPIES	0.00	357.78
A101	29038	09/01/16	1200	OASBO	1002520000000000	340	MCNAMARA CONF FEE	0.00	250.00
A101	29039	V 09/01/16	1211	OSBA	1002321000000000	340	HANLINE BOARD CONF	0.00	-185.00
A101	29039	V 09/01/16	1211	OSBA	1002310000000000	340	SUMMER BOARD CONF	0.00	-1,110.00
A101	29039	09/01/16	1211	OSBA	1002321000000000	340	HANLINE BOARD CONF	0.00	185.00
A101	29039	09/01/16	1211	OSBA	1002310000000000	340	SUMMER BOARD CONF	0.00	1,110.00
TOTAL CHECK								0.00	0.00
A101	29040	09/01/16	2459	PROGRASS	1002543000000000	322	LAWN TREATMENT	0.00	86.00
A101	29041	09/01/16	2518	SILKE COMMUNICATION	1002554000000000	640	FLEET RADIO SERVICE	0.00	231.84
A101	29044	09/01/16	2301	WALT HANLINE	1002321000000000	340	SUPT MTG MEAL	0.00	18.00
A101	29044	09/01/16	2301	WALT HANLINE	1002321000000000	340	MILEAGE REIMB.	0.00	62.64
TOTAL CHECK								0.00	80.64
A101	29045	09/01/16	2584	BANNER BANK	1002574000000000	353	POSTAGE	0.00	38.50
A101	29045	09/01/16	2584	BANNER BANK	1002410000000000	410	REGISTRATION NIGHT	0.00	44.90
A101	29045	09/01/16	2584	BANNER BANK	1002410000000000	340	MATTHEWS MTG MEALS	0.00	47.00
A101	29045	09/01/16	2584	BANNER BANK	1002321000000000	340	SUPT MTG MEALS	0.00	85.14
A101	29045	09/01/16	2584	BANNER BANK	1001111000000000	420	ELEM TEXTBOOKS	0.00	248.50
A101	29045	09/01/16	2584	BANNER BANK	1002310000000000	410	BOARD SUPPLIES	0.00	9.25
A101	29045	09/01/16	2584	BANNER BANK	1002543000000000	410	GROUNDSKEEPING	0.00	10.00
A101	29045	09/01/16	2584	BANNER BANK	1001291000000000	420	ESL TEXTBOOKS	0.00	18.94
A101	29045	09/01/16	2584	BANNER BANK	1002410000000000	410	PRINCIPALS SUPPLIES	0.00	36.96
TOTAL CHECK								0.00	539.19
A101	29046	09/09/16	1334	LANE COMMUNITY COLL	1002574000000000	355	PRINT 'THE BRIDGE'	0.00	737.50
A101	29047	09/09/16	2608	BRIDGE EDUCATIONAL	1001288000000102	360	AUG SSF PAYMENT	0.00	73,135.00
A101	29049	09/09/16	2329	CDW GOVERNMENT	1001131000050000	480	75 LICENSES	0.00	4,032.75
A101	29049	09/09/16	2329	CDW GOVERNMENT	1001131000050000	480	75 CHROMEBOOKS	0.00	11,727.75
TOTAL CHECK								0.00	15,760.50
A101	29050	09/09/16	1259	COASTWIDE LABORATOR	1002542000000000	410	RETURNED ITEM	0.00	-10.24
A101	29050	09/09/16	1259	COASTWIDE LABORATOR	1002542000000000	410	CUSTODIAL SUPPLIES	0.00	17.06
A101	29050	09/09/16	1259	COASTWIDE LABORATOR	1002554000000000	410	CUSTODIAL SUPPLIES	0.00	23.20
TOTAL CHECK								0.00	30.02
A101	29052	09/09/16	1522	GLENDA GREEN	1001111000000001	410	PUPPET THEATER	0.00	64.99
A101	29053	09/09/16	1070	JERRY BROWN COMPANY	1002554000000000	322	VEHICLE FUEL	0.00	1,680.17
A101	29054	09/09/16	2596	KRYSTLE RODRIGUEZ-L	1001111000000040	410	CLASSROOM SUPPLIES	0.00	131.15
A101	29055	09/09/16	1644	LANE ELECTRIC COOPE	1002542000000000	325	JUL/AUG ELECTRICITY	0.00	1,619.37
A101	29055	09/09/16	1644	LANE ELECTRIC COOPE	1002554000000000	325	JUL/AUG ELECTRICITY	0.00	95.73

SUNGARD PENTAMATION  
 DATE: 10/18/2016  
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 ACCOUNTING PERIOD: 4/17

FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
TOTAL CHECK								0.00	1,715.10
A101	29056	V 09/09/16	2610	LISA MANTARRO MOORE	10023210000000000	389	COMMUNICATION SUPPO	0.00	-416.67
A101	29056	V 09/09/16	2610	LISA MANTARRO MOORE	10023210000000000	389	COMMUNICATION SUPPO	0.00	-1,500.00
A101	29056	09/09/16	2610	LISA MANTARRO MOORE	10023210000000000	389	COMMUNICATION SUPPO	0.00	1,500.00
A101	29056	09/09/16	2610	LISA MANTARRO MOORE	10023210000000000	389	COMMUNICATION SUPPO	0.00	416.67
TOTAL CHECK								0.00	0.00
A101	29057	09/09/16	1202	OETC	100	A199	MVA INTERNET PROJ.	0.00	5,993.40
A101	29057	09/09/16	1202	OETC	100	A199	BCA INTERNET PROJ.	0.00	6,758.20
TOTAL CHECK								0.00	12,751.60
A101	29058	09/09/16	2279	OFFICEMAX	10024100000000000	410	OFFICE SUPPLIES	0.00	14.87
A101	29058	09/09/16	2279	OFFICEMAX	10024100000000000	410	OFFICE SUPPLIES	0.00	194.40
TOTAL CHECK								0.00	209.27
A101	29059	09/09/16	1789	OREGON DEPARTMENT O	10023210000000000	640	CRIMINAL HIST. CK	0.00	5.00
A101	29060	09/09/16	1867	OSAC-ASPIRE	10022400000000000	340	ASPIRE CONFERENCE	0.00	25.00
A101	29061	09/09/16	2549	OSI HARDWARE	100	A199	MVA NETWORK PROJ.	0.00	3,700.00
A101	29061	09/09/16	2549	OSI HARDWARE	100	A199	BCA NETWORK PROJ.	0.00	8,880.00
TOTAL CHECK								0.00	12,580.00
A101	29062	09/09/16	2619	PACIFIC ENVIRONMENT	10025540000000000	322	ASTESTOS ABATEMENT	0.00	2,840.00
A101	29062	09/09/16	2619	PACIFIC ENVIRONMENT	10025420000000102	322	ASBESTOS ABATEMENT	0.00	6,560.00
TOTAL CHECK								0.00	9,400.00
A101	29063	09/09/16	2167	SANIPAC	10025420000000000	328	LHS GARBAGE SVC	0.00	115.70
A101	29063	09/09/16	2167	SANIPAC	10025420000000000	328	LUNDY GARBAGE SVC	0.00	259.30
TOTAL CHECK								0.00	375.00
A101	29064	09/09/16	2497	SECURITY MONSTER	10025420000000000	329	SEPT. ALARM SERVICE	0.00	89.90
A101	29065	09/09/16	2620	SIGNS PLUS	10025420000000000	540	NEW READER BOARD	0.00	14,858.00
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	10023210000000000	410	BACK-TO-SCHOOL NIGH	0.00	368.95
A101	29069	09/09/16	1269	UNIVERSITY OF OREGO	10024100000000000	640	LUNDY SWIS LICENSE	0.00	350.00
A101	29069	09/09/16	1269	UNIVERSITY OF OREGO	10024100000000000	640	LHS SWIS LICENSE	0.00	350.00
TOTAL CHECK								0.00	700.00
A101	29070	09/09/16	2475	WELLS FARGO FINANCI	10025740000000000	355	COPIER LEASE	0.00	585.50
A101	29071	09/14/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7299 CANCER A/T	0.00	6.00
A101	29071	09/14/16	1701	AMERICAN FIDELITY A	100	L472.730	DED:7300 A/F-DSBLTY	0.00	24.00
A101	29071	09/14/16	1701	AMERICAN FIDELITY A	100	L472.734	DED:7310 A/F ACCIDE	0.00	33.40
A101	29071	09/14/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7309 A/F CANCER	0.00	59.40
A101	29071	09/14/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7301 A/F-CANCER	0.00	118.70
TOTAL CHECK								0.00	241.50
A101	29072	09/14/16	1795	AMERICAN FIDELITY A	100	L472.076	DED:7110 TSA-AM.FID	0.00	500.00

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FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29072	09/14/16	1795	AMERICAN FIDELITY A	100	L472.076	DED:7111 TSA AM/FID	0.00	579.66
TOTAL CHECK								0.00	1,079.66
A101	29073	09/14/16	1710	AMERICAN FIDELITY A	100	L472.732	DED:7302 UNREMB MED	0.00	166.66
A101	29074	09/14/16	2321	AMERICAN FIDELITY H	100	L472.735	DED:7298 AM/FID HSA	0.00	1,066.65
A101	29075	09/14/16	2591	DHS OVERPAYMENT REC	100	L472.095	DED:094 DHS	0.00	84.81
A101	29076	09/14/16	1063	LOWELL S.D. SCHOLAR	100	L472.420	DED:8103 L. SCHOLAR	0.00	30.00
A101	29077	09/14/16	1052	OREGON SCHOOL EMPLO	100	L472.013	DED:8202 OSEA	0.00	263.08
A101	29078	09/14/16	1939	OSEA CHAPTER 118	100	L472.118	DED:8118 OSEA 118	0.00	3.50
A101	29079	09/14/16	2183	LEGAL SHIELD	100	L472.740	DED:7350 PP LEGAL	0.00	25.90
A101	29080	09/14/16	2342	TEXAS LIFE	100	L472.736	DED:7606 TEXAS LIFE	0.00	48.00
A101	29080	09/14/16	2342	TEXAS LIFE	100	L472.736	DED:7607 TEXAS LIFE	0.00	64.45
TOTAL CHECK								0.00	112.45
A101	29081	09/14/16	1206	OREGON DEPARTMENT O	100	L472.099	DED:0099 OR.DEPT.RV	0.00	339.73
A101	29082	09/15/16	1230	CENTURY LINK	1002542000000000	351	SEPT. PHONE SERVICE	0.00	307.77
A101	29083	09/15/16	2573	ADVANCE AUTO PARTS	1002554000000000	410	VEHICLE PARTS	0.00	31.43
A101	29083	09/15/16	2573	ADVANCE AUTO PARTS	1002554000000000	410	VEHICLE PARTS	0.00	73.90
A101	29083	09/15/16	2573	ADVANCE AUTO PARTS	1002554000000000	410	VEHICLE PARTS	0.00	112.52
TOTAL CHECK								0.00	217.85
A101	29084	09/15/16	2599	AMY PETERS	1002554000000000	410	TRANSP. SUPPLIES	0.00	80.35
A101	29085	09/15/16	2263	ANTHONY NOLAN	1002554000000000	410	TRANSP. OFFICE EXP.	0.00	200.00
A101	29086	09/15/16	2016	BENJAMIN SILEBI	1002543000000000	410	GROUNDSKEEPING	0.00	11.38
A101	29086	09/15/16	2016	BENJAMIN SILEBI	1002554000000000	640	L. WOOD DRIVER FEES	0.00	78.50
A101	29086	09/15/16	2016	BENJAMIN SILEBI	1002554000000000	410	TRANSP. OFFICE EXP.	0.00	154.95
TOTAL CHECK								0.00	244.83
A101	29087	09/15/16	2146	CASCADE HEALTH SOLU	1002554000000000	640	DRIVER TESTING	0.00	327.00
A101	29088	09/15/16	2329	CDW GOVERNMENT	1001131000050000	480	LAPTOP CARTS	0.00	3,194.18
A101	29090	09/15/16	2161	CHRIS ELLISON	1002552000000000	640	BUS DRIVER TRAINING	0.00	150.00
A101	29091	09/15/16	1040	CITY OF LOWELL	1002554000000000	327	AUG WATER/SEWER	0.00	438.14
A101	29091	09/15/16	1040	CITY OF LOWELL	1002542000000102	327	AUG WATER/SEWER	0.00	229.68
A101	29091	09/15/16	1040	CITY OF LOWELL	1002542000000000	327	AUG WATER/SEWER	0.00	1,936.60
TOTAL CHECK								0.00	2,604.42
A101	29092	09/15/16	1259	COASTWIDE LABORATOR	1002554000000000	410	TRANSP. EXPENSES	0.00	389.13
A101	29092	09/15/16	1259	COASTWIDE LABORATOR	1002554000000000	410	TRANSP. EXPENSE	0.00	133.12



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CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
TOTAL CHECK								0.00	522.25
A101	29093	09/15/16	1565	COLETTE ULLRICH	1002410000000000	410	PRINCIPAL EXPENSES	0.00	257.00
A101	29095	09/15/16	2192	FERGUSON ENTERPRISE	1002542000000000	410	BLDG MAINTENANCE	0.00	28.78
A101	29096	09/15/16	2572	GREG ERICKSON	1001111000000060	410	CLASSROOM SUPPLIES	0.00	66.14
A101	29097	09/15/16	1914	HEYMAN'S SAFE, LOCK	1002542000000000	410	BLDG MAINTENANCE	0.00	13.00
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	RETURNED ITEM	0.00	-81.99
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	8.98
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000102	410	BLDG MAINTENANCE	0.00	10.95
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002543000000000	410	GROUNDSKEEPING	0.00	21.08
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	27.58
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000102	410	BLDG MAINTENANCE	0.00	30.46
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002543000000000	410	GROUNDSKEEPING	0.00	34.74
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	81.99
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000102	410	BLDG MAINTENANCE	0.00	112.47
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002543000000000	410	GROUNDSKEEPING	0.00	123.40
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	149.48
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	152.58
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	196.69
TOTAL CHECK								0.00	868.41
A101	29099	09/15/16	2063	LANE COUNTY WASTE M	1002543000000000	640	DEBRIS DUMP FEE	0.00	36.50
A101	29100	09/15/16	2317	LANE FOREST PRODUCT	1002543000000000	410	GROUNDSKEEPING	0.00	88.00
A101	29101	09/15/16	1495	LES SCHWAB TIRE CEN	1002554000000000	410	TRANSP. EXPENSE	0.00	339.96
A101	29102	09/15/16	2624	LINDA WOOD	1002554000000000	640	DRIVER LICENSE FEES	0.00	125.50
A101	29103	09/15/16	2623	OREGON STATE UNIVER	1002120000000000	340	COUNSELOR CONF FEES	0.00	50.00
A101	29104	09/15/16	1211	OSBA	1002310000000000	640	SEP POLICY PLUS	0.00	50.00
A101	29105	09/15/16	1847	PACE	1002542000000000	653	ADD'L PROP. COVERAG	0.00	211.00
A101	29106	09/15/16	2345	PAULSEN ENVIRONMENT	1002542000000000	640	AIR SAMPLING	0.00	4,640.00
A101	29108	09/15/16	2370	SHERWIN-WILLIAMS	1002542000000000	410	PAINTING SUPPLIES	0.00	29.75
A101	29108	09/15/16	2370	SHERWIN-WILLIAMS	1002542000000000	410	PAINTING SUPPLIES	0.00	47.29
A101	29108	09/15/16	2370	SHERWIN-WILLIAMS	1002542000000000	410	PAINTING SUPPLIES	0.00	954.60
TOTAL CHECK								0.00	1,031.64
A101	29109	09/15/16	1247	SPRINGFIELD PUBLIC	1002542000000000	410	BANNERS	0.00	330.00
A101	29111	09/15/16	1022	U S BANK	1001131000110000	420	SOC. STUDIES TEXTS	0.00	80.02
A101	29113	09/15/16	1166	VERIZON	1002554000000000	351	AUG CELL PHONE USE	0.00	9.72
A101	29113	09/15/16	1166	VERIZON	1002542000000000	351	AUG CELL PHONE USE	0.00	133.08

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FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
TOTAL CHECK								0.00	142.80
A101	29114	09/15/16	1170	WESTERN BUS SALES	1002554000000000	410	BUS PARTS	0.00	71.14
A101	29115	09/19/16	1705	DAN SMITH	1002321000000000	655	LUMP SUM SETTLEMENT	0.00	6,988.80
A101	29118	09/22/16	2616	CINTAS	1002542000000000	410	JANITORIAL SUPPLIES	0.00	89.55
A101	29118	09/22/16	2616	CINTAS	1002542000000000	410	JANITORIAL SUPPLIES	0.00	101.81
TOTAL CHECK								0.00	191.36
A101	29119	09/22/16	1259	COASTWIDE LABORATOR	1002542000000000	410	BLDG MAINTENANCE	0.00	942.18
A101	29120	09/22/16	2625	FOLLETT SCHOOL SOLU	1002222000000000	640	16-17 LIBRARY LICEN	0.00	1,400.00
A101	29122	09/22/16	1070	JERRY BROWN COMPANY	1002554000000000	411	VEHICLE FUEL	0.00	726.60
A101	29123	09/22/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	297.14
A101	29124	09/22/16	1302	JOHN BOYLE	1002120000000000	340	MILEAGE REIMB.	0.00	166.32
A101	29125	09/22/16	2610	LISA MANTARRO MOORE	1002321000000000	389	COMMUNICATION SUPPO	0.00	360.60
A101	29125	09/22/16	2610	LISA MANTARRO MOORE	1002321000000000	389	COMMUNICATION SUPPO	0.00	416.67
TOTAL CHECK								0.00	777.27
A101	29126	09/22/16	2398	MOUNTAIN VIEW ACADE	1001288000000101	360	OCT MVA SSF PAYMENT	0.00	85,229.00
A101	29127	09/22/16	2483	NATIONAL PHOTOCOPY	1002574000000000	355	COPIER SUPPLIES	0.00	267.16
A101	29128	09/22/16	2575	OREGON ASSOC. OF ST	1002120000000000	640	16-17 OASC HS DUES	0.00	75.00
A101	29129	09/22/16	1789	OREGON DEPARTMENT O	1002321000000000	640	CRIMINAL HIST. CK	0.00	5.00
A101	29130	09/22/16	1548	PACIFIC WINDS MUSIC	1001131000133000	410	MUSIC SUPPLIES	0.00	23.05
A101	29130	09/22/16	1548	PACIFIC WINDS MUSIC	1001131000133000	410	MUSIC SUPPLIES	0.00	224.95
A101	29130	09/22/16	1548	PACIFIC WINDS MUSIC	1001131000133000	460	USED TROMBONE	0.00	325.00
A101	29130	09/22/16	1548	PACIFIC WINDS MUSIC	1001131000133000	322	INSTRUMENT REPAIRS	0.00	1,640.00
TOTAL CHECK								0.00	2,213.00
A101	29131	09/22/16	1225	POSTMASTER	1002574000000000	353	'THE BRIDGE' POSTAG	0.00	92.98
A101	29132	09/22/16	2627	PROFESSIONAL UNDERG	1002554000000000	322	UNDERGROUND BORING	0.00	18,800.00
A101	29133	09/22/16	2603	RUBENSTEIN'S	1002542000000000	410	MATS AT LUNDY	0.00	1,087.00
A101	29134	09/22/16	2497	SECURITY MONSTER	1002542000000000	329	JUL ALARM SERVICE	0.00	89.90
A101	29137	09/22/16	1623	WILLAMETTE ESD	1002321000000000	470	SEPT PENTAMATION	0.00	1,605.48
A101	29138	09/27/16	1002	AFLAC	100	L472.125	DED:8017 AFLAC DSBL	0.00	14.98
A101	29138	09/27/16	1002	AFLAC	100	L472.125	DED:8108 AFLAC CNCR	0.00	41.65
A101	29138	09/27/16	1002	AFLAC	100	L472.125	DED:8010 AFLAC ACDN	0.00	41.70
A101	29138	09/27/16	1002	AFLAC	100	L472.125	DED:8011 AFLAC STD	0.00	42.43

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A101	29138	09/27/16	1002	AFLAC	100	L472.125	DED:8106 AFLAC P/A	0.00	90.76
TOTAL CHECK								0.00	231.52
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.733	DED:7303 A/F ACIDNT	0.00	8.10
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.734	DED:7310 A/F ACCIDE	0.00	33.40
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.734	DED:7304 125 ACIDNT	0.00	33.80
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.734	DED:7297 ACIDNT A/T	0.00	39.90
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7309 A/F CANCER	0.00	59.40
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7299 CANCER A/T	0.00	100.10
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.731	DED:7301 A/F-CANCER	0.00	118.70
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.730	DED:7300 A/F-DSBLTY	0.00	194.27
A101	29139	09/27/16	1701	AMERICAN FIDELITY A	100	L472.738	DED:7308 A.F. LIFE	0.00	389.00
TOTAL CHECK								0.00	976.67
A101	29140	09/27/16	1795	AMERICAN FIDELITY A	100	L472.076	DED:7111 TSA AM/FID	0.00	433.75
A101	29140	09/27/16	1795	AMERICAN FIDELITY A	100	L472.076	DED:7110 TSA-AM.FID	0.00	2,525.00
TOTAL CHECK								0.00	2,958.75
A101	29141	09/27/16	1710	AMERICAN FIDELITY A	100	L472.732	DED:7302 UNREMB MED	0.00	204.15
A101	29141	09/27/16	1710	AMERICAN FIDELITY A	100	L472.336	DED:7306 CHILDCARE	0.00	291.66
TOTAL CHECK								0.00	495.81
A101	29142	09/27/16	2321	AMERICAN FIDELITY H	100	L472.735	DED:7296 AM/FID HSA	0.00	500.00
A101	29142	09/27/16	2321	AMERICAN FIDELITY H	100	L472.735	DED:7298 AM/FID HSA	0.00	2,875.37
TOTAL CHECK								0.00	3,375.37
A101	29143	09/27/16	1063	LOWELL S.D. SCHOLAR	100	L472.420	DED:8103 L. SCHOLAR	0.00	63.00
A101	29144	09/27/16	1206	OREGON DEPARTMENT O	100	L472.099	DED:0099 OR.DEPT.RV	0.00	389.44
A101	29145	09/27/16	1051	OREGON EDUCATION AS	100	L472.012	DED:8200 OEA	0.00	1,314.30
A101	29146	09/27/16	1052	OREGON SCHOOL EMPLO	100	L472.013	DED:8202 OSEA	0.00	553.34
A101	29147	09/27/16	1939	OSEA CHAPTER 118	100	L472.118	DED:8118 OSEA 118	0.00	9.50
A101	29148	09/27/16	2183	LEGAL SHIELD	100	L472.740	DED:7350 PP LEGAL	0.00	67.75
A101	29149	09/27/16	2342	TEXAS LIFE	100	L472.736	DED:7606 TEXAS LIFE	0.00	48.00
A101	29149	09/27/16	2342	TEXAS LIFE	100	L472.736	DED:7607 TEXAS LIFE	0.00	64.45
TOTAL CHECK								0.00	112.45
A101	29150	09/28/16	2149	CENTURY LINK-LONG D	100254200000000000	351	AUG LONG DISTANCE	0.00	23.00
A101	29151	09/28/16	2263	ANTHONY NOLAN	100254300000000000	410	GROUNDS MAINT.	0.00	40.75
A101	29152	09/28/16	2584	BANNER BANK	100241000000000000	340	MATTHEWS MTG MEALS	0.00	50.00
A101	29152	09/28/16	2584	BANNER BANK	100232100000000000	340	HANLINE MTG MEALS	0.00	300.74
A101	29152	09/28/16	2584	BANNER BANK	100241000000000000	410	PRINCIPAL EXPENSES	0.00	342.63
A101	29152	09/28/16	2584	BANNER BANK	100254300000000000	410	GROUNDS MAINT.	0.00	449.40
A101	29152	09/28/16	2584	BANNER BANK	100254200000000000	410	BLDG MAINTENANCE	0.00	529.91
A101	29152	09/28/16	2584	BANNER BANK	100255400000000000	460	TRANSP. FURNITURE	0.00	1,249.94

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FUND - 100 - GENERAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29152	09/28/16	2584	BANNER BANK	1002310000000000	410	BOARD SUPPLIES	0.00	18.31
A101	29152	09/28/16	2584	BANNER BANK	1002554000000000	410	TRANSP. SUPPLIES	0.00	23.86
A101	29152	09/28/16	2584	BANNER BANK	1001131000120000	410	CLASSROOM SUPPLIES	0.00	48.17
TOTAL CHECK								0.00	3,012.96
A101	29153	09/28/16	2616	CINTAS	1002542000000000	410	JANITORIAL SUPPLIES	0.00	136.16
A101	29153	09/28/16	2616	CINTAS	1002542000000000	410	JANITORIAL SUPPLIES	0.00	148.42
TOTAL CHECK								0.00	284.58
A101	29154	09/28/16	1259	COASTWIDE LABORATOR	1002542000000000	410	JANITORIAL SUPPLIES	0.00	102.98
A101	29154	09/28/16	1259	COASTWIDE LABORATOR	1002542000000000	410	JANITORIAL SUPPLIES	0.00	282.05
TOTAL CHECK								0.00	385.03
A101	29155	09/28/16	1565	COLETTE ULLRICH	1002542000000000	410	BLDG MAINTENANCE	0.00	11.99
A101	29156	09/28/16	1070	JERRY BROWN COMPANY	1002554000000000	411	VEHICLE FUEL	0.00	794.50
A101	29156	09/28/16	1070	JERRY BROWN COMPANY	1002554000000000	411	VEHICLE OIL	0.00	999.35
TOTAL CHECK								0.00	1,793.85
A101	29157	09/28/16	1071	JERRY'S BUILDING MA	1002542000000000	410	BLDG MAINTENANCE	0.00	182.12
A101	29158	09/28/16	1644	LANE ELECTRIC COOPE	1002554000000000	325	TRANS 2314	0.00	99.45
A101	29159	09/28/16	2624	LINDA WOOD	1002554000000000	340	L. WOOD TRAVEL	0.00	64.80
A101	29160	09/28/16	2610	LISA MANTARRO MOORE	1002321000000000	389	COMMUNICATION SUPPO	0.00	416.67
A101	29162	09/28/16	1196	NORTHWEST TEXTBOOK	1001131000120000	420	CHEMISTRY TEXTS	0.00	713.59
A101	29163	09/28/16	1789	OREGON DEPARTMENT O	1002321000000000	640	CRIMINAL HIST. CKS	0.00	10.00
A101	29164	09/28/16	1211	OSBA	1002321000000000	640	LAW REPORTER SUBSCR	0.00	240.00
A101	29165	09/28/16	1548	PACIFIC WINDS MUSIC	1001131000133000	410	MUSIC SUPPLIES	0.00	210.15
A101	29165	09/28/16	1548	PACIFIC WINDS MUSIC	1001131000133000	410	MUSIC SUPPLIES	0.00	213.65
TOTAL CHECK								0.00	423.80
A101	29166	09/28/16	2603	RUBENSTEIN'S	1002542000000102	322	BCA 2003 FLOORING	0.00	4,810.00
A101	29167	09/28/16	2370	SHERWIN-WILLIAMS	1002542000000000	410	PAINTING SUPPLIES	0.00	105.51
A101	29168	09/28/16	2518	SILKE COMMUNICATION	1002554000000000	640	OCT FLEETNET SVC	0.00	231.84
A101	29170	09/28/16	1022	U S BANK	1002572000000000	460	CLASSROOM CHAIR	0.00	69.99
A101	29170	09/28/16	1022	U S BANK	1002410000000000	410	PRINCIPAL EXPENSES	0.00	101.90
A101	29170	09/28/16	1022	U S BANK	1001131000120000	410	CLASSROOM SUPPLIES	0.00	13.79
TOTAL CHECK								0.00	185.68
A101	29172	09/28/16	2584	BANNER BANK	1002525000000102	640	BCA PAYROLL FEES	0.00	195.00
A101	29172	09/28/16	2584	BANNER BANK	1002525000000101	640	MVA PAYROLL FEES	0.00	229.00
A101	29172	09/28/16	2584	BANNER BANK	1002410000000000	353	POSTAGE METER	0.00	300.00
A101	29172	09/28/16	2584	BANNER BANK	1002410000000000	640	TEACHER LICENSE FEE	0.00	416.00

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FUND - 100 - GENERAL FUND										
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT	
A101	29172	09/28/16	2584	BANNER BANK	1002543000000000	410	GROUNDS MAINT.	0.00	457.26	
A101	29172	09/28/16	2584	BANNER BANK	1002542000000000	410	BLDG MAINTENANCE	0.00	908.11	
A101	29172	09/28/16	2584	BANNER BANK	1002321000000000	640	ASCD 16-17 DUES	0.00	39.00	
TOTAL CHECK								0.00	2,544.37	
A101	29173	09/28/16	2628	NATCO DEVELOPMENT L	1002542000000000	322	GYM/WR CONCRETE RAM	0.00	7,500.00	
TOTAL CASH ACCOUNT								0.00	328,901.43	
TOTAL FUND								0.00	328,901.43	

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FUND - 208 - GEAR UP										
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT	
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	2082120000000000	410	LINK CREW FOOD	0.00	111.90	
A101	29067	09/09/16	2522	TRIANGLE GRAPHICS	2082120000000000	410	LINK CREW SHIRTS	0.00	396.40	
A101	29107	09/15/16	2110	SCHOOL MATE	2082120000000000	410	SCHOOL PLANNERS	0.00	13.41	
TOTAL CASH ACCOUNT								0.00	521.71	
TOTAL FUND								0.00	521.71	

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FUND - 227 - TITLE I - 15-16									
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29161	09/28/16	2350	MARY C. JONES, EDD	2271272000000000	312	CONSULTING SERVICES	0.00	3,240.24
TOTAL CASH ACCOUNT								0.00	3,240.24
TOTAL FUND								0.00	3,240.24

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FUND - 234 - CATCH GRANT										
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT	
A101	29117	09/22/16	2584	BANNER BANK	2342210000000000	410	PE SUPPLIES	0.00	27.18	
A101	29152	09/28/16	2584	BANNER BANK	2342210000000000	342	CATCH PROGRAM	0.00	120.00	
TOTAL CASH ACCOUNT								0.00	147.18	
TOTAL FUND								0.00	147.18	



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FUND - 240 - SPR&I 16-17											
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----	DESCRIPTION	----	SALES TAX	AMOUNT
A101	29116	09/22/16	1658	AMBER HANSEN	2402240000000000	340		HANSEN CONF TRAVEL		0.00	304.78
TOTAL CASH ACCOUNT										0.00	304.78
TOTAL FUND										0.00	304.78

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FUND - 261 - KITS										
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT	
A101	29021	09/01/16	2584	BANNER BANK	2612210000000000	410	KITS SUPPLIES	0.00	45.41	
A101	29111	09/15/16	1022	U S BANK	2612210000000000	410	KITS GRANT EXP.	0.00	102.53	
A101	29172	09/28/16	2584	BANNER BANK	2612210000000000	410	KITS SUPPLIES	0.00	67.83	
TOTAL CASH ACCOUNT								0.00	215.77	
TOTAL FUND								0.00	215.77	

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FUND - 282 - SUMMER MEALS GRANT									
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29045	09/01/16	2584	BANNER BANK	2823100000000000	410	SUMMER REC SUPPLIES	0.00	14.68
A101	29089	09/15/16	2274	CENTRAL RESTAURANT	2823100000000000	460	CAFETERIA ITEMS	0.00	355.07
A101	29111	09/15/16	1022	U S BANK	2823100000000000	410	SUMMER REC. EXP.	0.00	139.91
A101	29117	09/22/16	2584	BANNER BANK	2823100000000000	410	PE SUPPLIES	0.00	137.12
TOTAL CASH ACCOUNT								0.00	646.78
TOTAL FUND								0.00	646.78

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FUND - 283 - MISCELLANEOUS GRANTS									
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29021	09/01/16	2584	BANNER BANK	2831131000120580	460	ROBOTICS FOR TAG	0.00	3,319.90
TOTAL CASH ACCOUNT								0.00	3,319.90
TOTAL FUND								0.00	3,319.90

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FUND - 292 - BUS REPLACEMENT									
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29022	09/01/16	2393	CAPITAL ONE PUBLIC	2925100000000000	622	BUS LOAN INTEREST	0.00	11,037.54
A101	29022	09/01/16	2393	CAPITAL ONE PUBLIC	2925100000000000	610	BUS LOAN PRINCIPAL	0.00	33,701.84
TOTAL CHECK								0.00	44,739.38
TOTAL CASH ACCOUNT								0.00	44,739.38
TOTAL FUND								0.00	44,739.38

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FUND - 294 - RENTAL HOUSES

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29032	09/01/16	1644	LANE ELECTRIC COOPE	2942540000000000	325	JUL/AUG ELECTRICITY	0.00	227.34
A101	29042	09/01/16	2242	SQUARE DEAL LUMBER	2942540000000000	410	#2021 BLDG MAINT.	0.00	88.06
A101	29042	09/01/16	2242	SQUARE DEAL LUMBER	2942540000000000	410	#2021 BLDG MAINT.	0.00	65.40
TOTAL CHECK								0.00	153.46
A101	29091	09/15/16	1040	CITY OF LOWELL	2942540000000000	327	AUG WATER/SEWER	0.00	229.69
A101	29098	09/15/16	1071	JERRY'S BUILDING MA	2942540000000000	410	109 LAKEVIEW MAINT	0.00	76.99
A101	29158	09/28/16	1644	LANE ELECTRIC COOPE	2942540000000000	325	80 S PIONEER	0.00	178.50
A101	29158	09/28/16	1644	LANE ELECTRIC COOPE	2942540000000000	325	60 S PIONEER	0.00	79.94
TOTAL CHECK								0.00	258.44
TOTAL CASH ACCOUNT								0.00	945.92
TOTAL FUND								0.00	945.92

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FUND - 295 - ATHLETICS & ACTIVITIES

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29031	09/01/16	1084	LANE COUNTY FOOTBAL	2951132000000710	380	FOOTBALL OFFICIALS	0.00	4,187.00
A101	29036	09/01/16	1895	MOUNTAIN VIEW CONFE	2951132000000700	640	SB/BB LEAGUE FEES	0.00	200.00
A101	29048	09/09/16	2352	BUCK'S SANITARY SER	2951132000000710	410	PORTABLE TOILET	0.00	73.87
A101	29051	09/09/16	1124	EMERALD EMPIRE VB O	2951132000000720	380	2016 VB OFFICIALS	0.00	1,609.00
TOTAL CASH ACCOUNT								0.00	6,069.87
TOTAL FUND								0.00	6,069.87

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FUND - 297 - FOOD SERVICE FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29043	09/01/16	1776	SYSCO FOOD SERVICES	29731000000000470	450	FOOD SUPPLIES	0.00	418.13
A101	29043	09/01/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD RETURNED	0.00	-36.66
A101	29043	09/01/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD RETURNED	0.00	-20.00
TOTAL CHECK								0.00	361.47
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	69.61
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	42.15
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	1,622.99
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	763.19
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD SUPPLIES	0.00	259.12
A101	29066	09/09/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD SUPPLIES	0.00	486.73
TOTAL CHECK								0.00	3,243.79
A101	29068	09/09/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	152.40
A101	29068	09/09/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	297.15
A101	29068	09/09/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	239.40
TOTAL CHECK								0.00	688.95
A101	29089	09/15/16	2274	CENTRAL RESTAURANT	29731000000000000	410	RETURNED ITEMS	0.00	-87.84
A101	29089	09/15/16	2274	CENTRAL RESTAURANT	29731000000000000	460	CAFETERIA ITEMS	0.00	156.09
TOTAL CHECK								0.00	68.25
A101	29093	09/15/16	1565	COLETTE ULLRICH	29731000000000000	450	FOOD SUPPLIES	0.00	186.58
A101	29094	09/15/16	2291	EARTH20	29731000000000000	450	FOOD SUPPLIES	0.00	37.95
A101	29094	09/15/16	2291	EARTH20	29731000000000000	450	FOOD SUPPLIES	0.00	19.35
TOTAL CHECK								0.00	57.30
A101	29110	09/15/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	694.78
A101	29112	09/15/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	308.70
A101	29112	09/15/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	217.65
TOTAL CHECK								0.00	526.35
A101	29135	09/22/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	51.44
A101	29135	09/22/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	1,314.38
A101	29135	09/22/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD SUPPLIES	0.00	311.48
A101	29135	09/22/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD SUPPLIES	0.00	302.92
A101	29135	09/22/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	890.76
TOTAL CHECK								0.00	2,870.98
A101	29136	09/22/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	57.30
A101	29136	09/22/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	239.85
A101	29136	09/22/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD SUPPLIES	0.00	402.00
TOTAL CHECK								0.00	699.15
A101	29152	09/28/16	2584	BANNER BANK	29731000000000000	460	FOOD SVC CHAIR	0.00	99.99
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	100.64
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	115.12
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	1,028.62
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD SUPPLIES	0.00	1,065.21



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FUND - 297 - FOOD SERVICE FUND												
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----		SALES TAX	AMOUNT		
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD	SUPPLIES	0.00	340.75		
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000475	450	FOOD	SUPPLIES	0.00	164.26		
A101	29169	09/28/16	1776	SYSCO FOOD SERVICES	29731000000000000	450	FOOD	SUPPLIES	0.00	40.55		
TOTAL CHECK									0.00	2,855.15		
A101	29171	09/28/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD	SUPPLIES	0.00	125.70		
A101	29171	09/28/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD	SUPPLIES	0.00	560.55		
A101	29171	09/28/16	2193	UMPQUA DAIRY	29731000000000000	450	FOOD	SUPPLIES	0.00	229.65		
TOTAL CHECK									0.00	915.90		
TOTAL CASH ACCOUNT									0.00	13,268.64		
TOTAL FUND									0.00	13,268.64		

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SELECTION CRITERIA: transact.ck\_date between '20160901 00:00:00.000' and '20160930 00:00:00.000'  
ACCOUNTING PERIOD: 4/17

FUND - 300 - DEBT SERVICE FUNDS

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29022	09/01/16	2393	CAPITAL ONE PUBLIC	30051000000000610	621	RENOV #1 INTEREST	0.00	4,980.85
A101	29022	09/01/16	2393	CAPITAL ONE PUBLIC	30051000000000610	610	RENOV #1 PRINCIPAL	0.00	15,181.67
TOTAL CHECK								0.00	20,162.52
TOTAL CASH ACCOUNT								0.00	20,162.52
TOTAL FUND								0.00	20,162.52

SUNGARD PENTAMATION  
DATE: 10/18/2016  
TIME: 18:32:27

LOWELL SCHOOL DISTRICT #71  
CHECK REGISTER - BY FUND

PAGE NUMBER: 23  
ACCTPA21

SELECTION CRITERIA: transact.ck\_date between '20160901 00:00:00.000' and '20160930 00:00:00.000'  
ACCOUNTING PERIOD: 4/17

FUND - 400 - CAPITAL PROJECTS									
CASH ACCT	CHECK NO	ISSUE DT	VENDOR	NAME	BUDGET CODE	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
A101	29121	09/22/16	2555	GLAS ARCHITECTS, LL	4002540000000000	383	JAN-JUL ARCH. SVCS	0.00	26,098.41
TOTAL CASH ACCOUNT								0.00	26,098.41
TOTAL FUND								0.00	26,098.41
TOTAL REPORT								0.00	448,582.53

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**Resolution to adopt the OSBA 2017-18 Legislative Priorities and Policies as recommended by the Legislative Policy Committee**

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**WHEREAS**, the OSBA Legislative Policy Committee is charged under the OSBA Constitution with developing the association's recommended Legislative Priorities and Policies, and

**WHEREAS**, the OSBA Legislative Policy Committee met on January 30-31, 2106, and April 22-23, 2016, to develop the Proposed OSBA Legislative Priorities and Policies for 2017-18, and

**WHEREAS**, the OSBA Legislative Policy Committee sent the Proposed OSBA Legislative Priorities and Policies for 2017-18 out to the membership of OSBA for comment and suggested changes, and

**WHEREAS**, the overwhelming majority of the comments received by the membership were in support of the Proposed OSBA Legislative Priorities and Policies for 2017-18 developed by the OSBA Legislative Policy Committee, and

**WHEREAS**, the OSBA Legislative Policy Committee met via telephone conference call on August 22, 2016, to review the comments received by the membership, and

**WHEREAS**, the OSBA Legislative Policy Committee discussed the comments from the membership and made no modifications to the Proposed OSBA Legislative Priorities and Policies for 2017-18, and

**WHEREAS**, the OSBA Legislative Policy Committee approved the Proposed OSBA Legislative Priorities and Policies for 2017-18 at its August 22, 2016, meeting and urged the OSBA Board of Directors to approve the Proposed OSBA Legislative Priorities and Policies for 2017-18 and place them before the membership for approval.

**THEREFORE, BE IT RESOLVED** by the OSBA Board of Directors that the Proposed OSBA Legislative Priorities and Policies for 2017-18 be placed before the membership for consideration during the 2016 OSBA election season, and

**BE IT FURTHER RESOLVED** that the Proposed OSBA Legislative Priorities and Policies for 2017-18 and a copy of this resolution be forwarded to all member boards of the Association in accordance with the OSBA Board of Directors adopted elections calendar.

*Submitted by: OSBA Board of Directors*



**PROPOSED OSBA LEGISLATIVE PRIORITIES FOR 2017-2018**  
**Approved by the Legislative Policy Committee on August 22, 2016**

The Oregon School Boards Association (OSBA) believes funding a strong system of public education is the best investment Oregonians can make to strengthen our economy, create thriving communities and improve the quality of life for every Oregonian.

In order to accomplish these goals, OSBA will introduce and support legislation which:

- **Supports Student Achievement:**

OSBA will actively promote legislation that leads to increased academic achievement for all students from early learning through post-secondary. OSBA will advocate to ensure local school boards and communities control the implementation of programs, curriculum and the allocation of resources so that every student is college or career ready upon graduation or completion of their academic program. OSBA will support efforts to increase graduation and high school completion rates, lower the number of drop-outs, close opportunity and academic achievement gaps and provide additional supports for students from traditionally underserved student populations.

- **Provides Stable and Adequate Funding:**

OSBA will actively promote legislation to increase state and federal funding for the public school system to ensure adequate and stable funding for each school district and Education Service District (ESD) so that they may provide a quality public education for every student.

OSBA will actively promote legislation to restructure Oregon's school funding system to eliminate the financial volatility of Oregon's public schools.

OSBA believes a balanced approach is necessary to increase education funding and to provide stable and adequate funding of Oregon's public school system. OSBA will actively promote legislation that strives for this balance by advocating for the restructure of Oregon's revenue system, promoting job creation and increasing opportunities for economic development across Oregon.

- **Local Determination and Shared Accountability:**

OSBA will actively support legislation that gives locally elected boards the ability to make decisions in the best interests of their students and communities for programs, services, curriculum and resource allocations.



OSBA will advocate to ensure each school district is empowered and given the flexibility to determine the educational needs of their students and to provide services and programs that will maximize student achievement.

OSBA will highlight the need for shared accountability to improve student achievement between state and federal policy makers, the business community, locally elected board members, parents, students and community members across Oregon.

- **Opposes Mandates:**

OSBA will actively oppose any federal or state imposed mandate that does not lead to increased academic achievement for students and is not accompanied with the necessary additional funding to implement the mandate, including all costs associated with the mandate.

- **Promotes Capital Construction/Capital Improvements:**

OSBA will continue to actively promote legislation that provides additional state level resources to school districts to help pay for capital construction/capital improvement needs, as well as deferred maintenance costs for all school facilities.

- **Contains Educational System Cost-Drivers:**

OSBA will actively promote legislation that provides relief for school districts from cost drivers that are beyond the control of the local school district or school board. These cost drivers include, but are not limited to, the Public Employees Retirement System (PERS), health insurance and any state or federally mandated program or service.



**PROPOSED OSBA LEGISLATIVE POLICIES FOR 2017-2018**  
**Approved by the Legislative Policy Committee on August 22, 2016**

**Section 1: Finance**

**PROPOSED 1.1      Investing in Oregon’s Public Schools to Ensure Adequate and Stable Funding**

OSBA supports increasing state resources to school districts so that Oregon’s schools are competitive nationally and globally and each school district and Education Service District (ESD) has the funds necessary to fully support operational, instructional and student achievement goals.

OSBA supports the role of locally elected school boards to set spending priorities and opposes using the State School Fund distribution formula to mandate specific expenditures. OSBA supports school funding equalization. OSBA supports continued funding of local option equalization grants; local option property tax revenue should not be included in the State School Fund.

OSBA supports increased funding for all levels of the public education enterprise to support increased achievement for every child and student. OSBA supports the Quality Education Commission's (QEC) effort to promote best practices to improve student outcomes and identify funding necessary to achieve Oregon’s 40-40-20 goal by 2025.

**PROPOSED 1.2      Reforming Tax Policy**

OSBA supports efforts to provide the revenue necessary to attain the educational goals of Oregon’s education system, restructuring tax policy to reduce the volatility of Oregon’s current system and to provide for a diverse and fair tax system to fund public education in Oregon.

OSBA supports modification of the state's personal and corporate income tax “kicker” law to allow “kicker” funds to be deposited into a “rainy day” account for public education and used in times of economic distress.

OSBA supports the authority of local districts to seek voter approval for supplemental operating revenue from a variety of additional sources, including local option levies.

OSBA supports efforts to modify the property tax system to mitigate the impacts of property tax compression.



### **PROPOSED 1.3      Mandate Relief, Paperwork Reduction and Public Funds for Public Schools**

OSBA advocates for mandate relief and paperwork reductions for school districts and ESDs as a means to streamline bureaucracy, remove duplicative or unnecessary reporting and get more resources into the classroom. OSBA opposes any mechanism that diverts public funds, including tax credits and vouchers, to private, religious or for-profit schools or erodes financial support of the public school system.

### **PROPOSED 1.4      State Department of Education Supporting Districts**

OSBA supports adequate funding for Oregon Department of Education programs and state level initiatives that are sustainable and provide quality technical and programmatic assistance and supports to school districts and ESDs targeted at improving student achievement.

OSBA supports providing resources and supports to school districts and ESDs to support and ensure the equitable distribution of any grant or targeted investment monies.

OSBA opposes any effort to create an accountability or intervention system that would lead to the state take-over of any local school, school district or ESD.

OSBA supports the inclusion of school board members to all state-level workgroups or committees connected to educational issues to allow for input from locally-elected education policy makers.

### **PROPOSED 1.5      Financial and Program Accountability**

OSBA supports a strong system of meaningful school district and ESD financial accountability for the expenditure of public funds and program accountability for student achievement and outcomes.

### **PROPOSED 1.6      School District Capital and Infrastructure Needs**

OSBA supports use of additional state resources and the issuance of state general obligation bonds to assist school districts and ESDs in providing modern, well equipped schools and academically appropriate classrooms and buildings that provide safe, structurally sound and healthy learning environments to promote student achievement.

OSBA supports policies that ensure collaboration at the local level to address the infrastructure needs of school districts, including consideration of the financial impacts of urban renewal, systems development charges and enrollment growth due to new construction.





## **PROPOSED 1.7                      Oregon's Common School Fund**

OSBA supports maximizing the assets and the investment returns of the Common School Fund as an additional state resource for school funding in Oregon

OSBA will vigorously advocate before the State Land Board to ensure that it fulfills its fiduciary obligation to manage the resources in the Common School Fund for the greatest benefit of the current and future generations of schoolchildren in Oregon.

## **Section 2: Programs**

### **PROPOSED 2.1            School Improvement**

OSBA supports state-level school improvement efforts provided they are implemented in ways that grant local school officials maximum flexibility to incorporate community needs and priorities.

### **PROPOSED 2.2            Special Education**

OSBA supports increased categorical funding and enhanced levels of state and federal aid for the costs associated with special education programs throughout the education system, including programs for children birth through age 5. OSBA supports full funding for students with the most severe low-incidence, high-cost disabilities, including those served in out-of-district or out-of-state placements.

### **PROPOSED 2.3            Education Service Districts**

OSBA supports the role of ESDs to assist school districts in achieving Oregon's educational goals by providing equitable, high-quality, cost-effective, locally-responsive educational services on a regional basis.

### **PROPOSED 2.4            Curriculum, Technology and Online Education**

OSBA supports providing a well-rounded and rigorous curriculum for all students, including opportunities for music, art, PE, world languages, STEM, career and technical education and co-curricular activities.

OSBA supports curriculum related decisions made at the district level and opposes state or federal instructional mandates.

OSBA supports the use of English Language Learner and dual language immersion programs as a viable way to provide needed supports for emerging bilingual speakers.



OSBA supports increasing access to technology to enhance and support curriculum delivery and promote greater student achievement.

OSBA supports locally developed alternative education programs as a tool to address the varied educational needs of students.

OSBA supports state level funding to support and improve the technology infrastructure available to school districts and ESDs.

OSBA supports removing online education programs from the charter school statute and creating a separate section within the law for online educational programs.

OSBA supports state financial and professional development resources so districts can implement the Oregon state standards and student assessments and provide appropriate information and updates to the public. OSBA supports local control of curriculum and materials related to the Oregon state standards.

#### **PROPOSED 2.5      Public Charter Schools**

OSBA supports public, district sponsored charter schools as an additional tool to provide innovative educational options to students.

OSBA opposes changes to the charter school law that would channel public funds to private and religious schools, allow entities other than school district boards to authorize charter schools within their boundaries, mandate direct access to the State School Fund by charter schools or decrease school district funding and oversight of charter schools.

OSBA supports updating the charter school law to require charter school applicants to demonstrate how the charter school will meet the legislatively adopted goals of the charter school law, including how the charter school will provide unique opportunities for children in the school district.

#### **PROPOSED 2.6      Career and Technical Education (CTE)**

OSBA supports new and continued partnerships with community colleges, higher education, apprenticeship programs, the business community and other entities to increase educational and career opportunities for students.

OSBA supports changes to teacher licensing laws to allow greater flexibility for individuals who do not hold a traditional teaching license to provide instruction in CTE courses.

OSBA supports funding to ensure the long-term sustainability of new and existing CTE programs.



### **PROPOSED 2.7      Post-Secondary Opportunities for High School Students**

OSBA supports increased access and opportunities for students to participate in post-secondary programs and classes while enrolled in high school at minimal or no cost to the student.

OSBA supports the creation of a dedicated source of funds to invest in “post graduate scholar” programs that does not dilute the State School Fund.

### **PROPOSED 2.8      Student Assessment**

OSBA supports the use of summative, formative and interim student assessments as a tool to inform students, parents, educators and the community about where students and schools are in their learning progression and determining needed supports for students and schools.

OSBA supports reviewing Oregon’s current student assessment system with the goal of improving assessment literacy, providing timely feedback, maximizing instructional time, deriving the necessary information to improve student learning and minimizing classroom disruption for students and educators.

## **Section 3: Personnel**

### **PROPOSED 3.1      Collective Bargaining and Management Rights**

OSBA supports local control of collective bargaining and opposes statewide bargaining and the creation of a statewide salary schedule. OSBA supports changing the collective bargaining structure to eliminate “status quo” bargaining and establish shorter bargaining time lines. OSBA supports the right of districts to look for ways to contain costs by contracting with outside providers for services.

### **PROPOSED 3.2      Employee Rights and Benefits**

OSBA supports determination and definition of school employee rights and benefits through the collective bargaining process at the local level. OSBA supports an actuarially-sound statewide retirement program for school employees that balances benefit adequacy for employees against costs for employers. OSBA supports local school boards working with employee groups to provide the most cost effective health insurance plans, including Oregon Educators Benefit Board (OEBB) opt out.



### **PROPOSED 3.3      Teacher and Administrator Licensing**

OSBA supports licensing requirements that assure a level of preparation necessary to teach to rigorous academic standards, recognize licenses from other states and understand the challenges districts face attracting and retaining qualified personnel. OSBA supports working collaboratively with the Teacher Standards and Practices Commission (TSPC) and the teacher preparation programs within higher education to prepare educators to increase student achievement and address the needs of all students in Oregon.

OSBA supports additional flexibility to allow more teachers to provide college-level instruction in public high schools.

OSBA supports changes to teacher licensing laws to allow greater flexibility for individuals who do not hold a traditional teaching license to provide instruction in CTE courses.

### **PROPOSED 3.4      Teacher and Administrator Quality**

OSBA recognizes that teacher and administrator quality is one of the most important factors in improving student achievement. OSBA supports local and state programs to provide professional development, mentoring and training for teachers and administrators that is rigorous and leads to a system of continuous improvement and growth in student achievement.

OSBA supports rigorous, quality, ongoing evaluations of teachers and administrators, which include consideration of student achievement and growth. OSBA supports efforts to attract a more diverse workforce, including multi-lingual school employees, which reflects the demographics and needs of Oregon's students.

## **Section 4: Governance and Operations**

### **PROPOSED 4.1      State Level Education Policy and the State Board of Education**

OSBA supports a state Board of Education as the appropriate state-level policy-making body for elementary and secondary schools.

OSBA strongly supports collaboration between state level policy makers, educators and stakeholders, including school board members, parents and students, when considering policy changes to Oregon's system of public education.

OSBA believes that any discussion about improving student outcomes must include recognition of and a plan for the needed state investments to implement the goals.





## **PROPOSED 4.2      Local Governance**

OSBA members believe that locally elected school district and ESD boards are best equipped to make decisions in the best interests of their students and communities and will strongly advocate for Oregon's tradition of democratically elected, local governance of school districts. OSBA opposes measures that would place additional restrictions on local voters' ability to govern their school districts.

## **PROPOSED 4.3      School Safety and Student Wellness**

OSBA supports local measures that promote school and student safety, improved social, emotional and behavioral health and other health, nutrition and wellness initiatives in the school environment that benefit students, staff, parents, patrons and the community as a whole.

## **Section 5: Federal Education Issues**

### **PROPOSED 5.1      Every Student Succeeds Act (ESSA) and the Federal Role in Education**

OSBA supports the replacement of No Child Left Behind (NCLB) with the Every Student Succeeds Act (ESSA). OSBA believes that ESSA rightly places responsibility for student success, school improvement and overall K-12 accountability at the state and local level.

OSBA supports collaboration between the Oregon Department of Education and local education stakeholders, including parents and students, when creating and implementing federally mandated state, district and school accountability systems and student assessments. OSBA believes Oregon stakeholders should be empowered to design, create and implement the programs and systems necessary to fulfill the requirements of ESSA.

OSBA believes ESSA collaboration must focus on supports for struggling schools, closing achievement and opportunity gaps for traditionally underserved students and increasing graduation rates for all student sub-groups.

### **PROPOSED 5.2      K-12 Funding in the Federal Education Budget**

OSBA believes that prioritizing and increasing the federal share of funding for special education programs like the Individuals with Disabilities Act (IDEA), Title I programs that serve students who are experiencing poverty, programs that support emerging English or bi-lingual speakers, Carl Perkins CTE grant funds, and child nutrition programs should be a top priority for the U.S. Department of Education, Congress and the President.



OSBA believes federal education funding should be distributed based on student needs not through competitive grants that pit states against each other for limited funds.

OSBA opposes federal education policy or unfunded mandates that do not include financial resources to implement.

### **PROPOSED 5.3      County Timber Payments**

OSBA supports the efforts of Oregon's Congressional delegation to ensure that funding for the Secure Rural Schools and Community Self-Determination Act (also known as County Timber Payments) continues or that there is a successor program.

OSBA members know that cuts to timber payments do not just impact the school districts in timber country; the loss of timber money is a net loss to the entire funding system and every school and student in Oregon is impacted.

# **RFP**

# **Lowell School District**

# **Design-Build- Renovate**

**Section 1 - Title Page**

**DESIGN-BUILD - RENOVATION OF  
LOWELL Jr./Sr. HIGH SCHOOL  
AND LUNDY ELEMENTARY  
SCHOOL**



**Lowell Jr./Sr. High  
65 South Pioneer Street  
Lowell, Oregon 97452**

**Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452**

**Walt Hanline, Ed.D.  
Superintendent  
209-765-4818  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)**

**Debi McNamara, Business  
Office Manager, Human  
Resources Secretary  
541-937-8405  
[dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us)**

**Bid Date & Place:  
November 18, 2016    2:00 PM  
Lundy Elementary School District Office  
45 South Moss Street  
Lowell, Oregon 97452**



## **Section 2 - Table of Contents**

### **Design-Build for Renovation of Lowell High School and Lundy Elementary School, Lowell, Oregon**

#### **CONTRACT DOCUMENTS**

Section 1	Title Page
Section 2	Table of Contents
Section 3	Invitation to Submit Proposal
Section 4	Instructions to Respondents
Section 5	Scope of Project
Section 6	Substitution Request
Section 7	BOLI Prevailing Wage Rates
Section 8	Bid Schedule
Section 9	First-Tier Subcontractor Disclosure
Section 10	Performance Bond and Payment Bond
Section 11	Non-Collusion Affidavit
Section 12	Resident Bidder
Section 13	Drug-Testing Policy
Section 14	Warranty, Amending the General Conditions
Section 15	Changes Clause, Amending the General Conditions
Section 16	279C.505 Conditions Concerning Payment, Contributions, Liens, Withholding, Drug Testing
Section 17	General Conditions
Section 18	Release of Liens and Claims
Section 19	Non-Discrimination

**Appendix A:** Lowell School District 2016 Master Plan, August 25, 2016

**Appendix B:** Seismic Rehabilitation Grant Application for Lowell High School Gymnasium

**Appendix C:** Seismic Rehabilitation Grant Application for Lundy Elementary School  
Gymnasium

**Appendix D:** Direct Construction Cost of Work and General Conditions Work Costs Matrix

## Section 3 – Invitation to Submit Proposal

### **DESIGN-BUILD Renovation of Lowell High School and Lundy Elementary School**

Sealed proposals for Design-Build construction of renovation and additions to the Lowell Jr./Sr. High School, and Lundy Elementary School will be received for the Lowell School District by Business Office Manager, Debi McNamara, Lundy Elementary School District Office, 45 South Moss Street, Lowell, Oregon 97452, Professional Development Center Room, until **2:00 P.M. local time, on November 18, 2016**. As soon thereafter as possible, the Proposals will be opened and only the names of the Proposers will be read publicly. This project is a Design-Build alternative procurement process and is exempt from Competitive Bidding pursuant to the criteria set forth in the Findings in Support Low Bid Exemption allowing for alternative contracting methods as described in ORS 279C.335, according to state law. This project will be awarded based on a competitive selection process, but the award will not be based solely on low price quote for design services and contractor fees, and rather to the Most Advantageous Proposer to the Lowell School District.

There will be a **MANDATORY pre-proposal walk-through at 3:30 PM on November 7, 2016**. Interested parties must be present to be eligible to submit a proposal. Meeting gathering point is at the main entrance to the Lundy Elementary School, 45 South Moss Street, Lowell, Oregon 97452.

#### **DESCRIPTION:**

The Lowell School District intends to remodel Lowell Jr./Sr. High School, and Lundy Elementary School. School remodel elements are prioritized, 1 through 5 in a Lowell School District Master Plan dated August 25, 2016. The Master Plan is attached as Appendix A and is made part of this proposal.

Seismic rehabilitation work elements for the Lowell Jr./Sr. High School Gymnasium are as described in Appendix B. Seismic rehabilitation work elements for the Lundy Elementary School Gymnasium are as described in Appendix C.

The amount of funding the Lowell School District has for this project will dictate the level of remodel priorities the project can realize. The design will be for all priorities categories, 1 thru 4, as called for in the Master Plan, and for the seismic rehabilitation work as described in Appendix B and C; however, the actual level of construction priorities that can be achieved is dependent on total funds obtained. The known funding and funding goals are comprised of the following:

\$1.1M Seismic Grant for safety improvements to the Lowell High School Gym. (Obtained)  
\$1.3M Seismic Grant for safety improvements to the Lundy Elementary School Gym. (Pending)  
\$4M School District Bond Measure. (The Measure goes to voters May 2017)  
\$4M State Matching Funds to the City School Bond Measure. (Decision anticipated by January 2017)

This contract is for a design-build project with a Guaranteed Maximum Price (GMP) for as many Seismic Rehabilitation, and Master Plan priorities that can be obtained from actual acquired funding.

The Lowell School District campus of Lowell Jr/High School and Lundy Elementary School serves education from Pre-k in the Lowell Community Preschool, through 12th grade, and school and community-based athletic programs. The Lowell School District Office sits on the Lundy Elementary School site.

The Project will remodel and modernize the school buildings, and add a new athletic gymnasium. Construction phasing, to minimize impacts and disruption to the learning experience and for safety to the buildings occupants are paramount, as some of the campus construction will need to take place during operations in the school year.

Due to the nature of this project, it will require strategic planning, complicated scheduling, and critical coordination of construction integrated with necessary safety measures. The project will be governed by significant schedule constraints, will require complex phasing, and will contain budget limitations that require close monitoring of the project budget; therefore, it becomes critical to maintain both the schedule and budget of this project.

Proposer shall coordinate the bidding and construction processes such that the Seismic Rehabilitation work for the Lowell High School Gymnasium is complete by July 1, 2018. Completion of all remaining Work will be negotiated with the Lowell School District.

Proposal documents may be obtained from Business Office Manager, Debi McNamara, (541) 937-8405, [dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us), Lundy Elementary School District Office, 45 South Moss Street, Lowell, Oregon 97452. They may also be viewed at the following plan sites:

1. Eugene Builders Exchange, 2460 W. 11th, Eugene, OR 97402 541.484.5331
2. Daily Journal of Commerce, 921 SW Washington St, Ste 210, Portland, OR 97205 503.226.1311

In accordance with Oregon law, the Lowell School District may cancel the procurement or reject any Proposal not in compliance with all prescribed public Proposal procedures and requirements, or may reject for good cause, any or all Proposals upon a finding of the School District that it is in the public's best interest to do so.

Proposals received after the time established for receiving Proposals will not be considered. Respondents on this work must comply with Federal Construction Labor Standards and with all other applicable federal governmental requirements including, but not limited to, equal employment opportunity actions, as specified.

No Proposal for a construction contract shall be received or considered unless the Respondent is registered with the Construction Contractors Board.

All Respondents must state whether or not the Respondent is a "resident bidder" as that term is defined in ORS 279A.120, and preference shall be given to Proposals submitted by residents of Oregon as required by Oregon law.

The Contract, if awarded, is to be awarded to the Respondent who proposes the most beneficial proposal to the public and the Lowell School District.

This project does not contain asbestos abatement work and the contractor or (any) subcontractor will not be required to be licensed by the Department of Environmental Quality (ORS 468A.720).

- I. Asbestos containing materials are known to exist in areas of the Work. The Contractor shall not, in any way, disturb materials, which are known to contain asbestos, assumed to contain asbestos, or otherwise have not been tested and confirmed to be asbestos free.
- II. The Owner will contract separately for the removal of asbestos containing materials. The Contractor shall include 10 days within the project schedule for the removal of the asbestos containing materials.

The Lowell School District programs, services and activities are open to all persons without regard to race, sex, age, handicap, religion, ethnic background, sexual orientation, or national origin. For further information about this equal opportunity policy, contact Debi McNamara, the Lowell School District Human Resource Secretary, (541) 937-8405, [dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us). For questions regarding this proposal, contact Walt Hanline, Ed.D. Lowell School District Superintendent at (209) 765-4818, [whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us).

## LOWELL SCHOOL DISTRICT SCHOOL BOARD

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Walt Hanline, Ed.D.  
School District Superintendent

## **Section 4 – Instructions to Respondents**

### **1.0 DOCUMENTS**

Proposal documents may be obtained from Business Office Manager, Debi McNamara, 541-937-8405, [dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us), Lundy Elementary School District Office, 45 South Moss Street, Lowell, Oregon 97452. They may also be viewed at the following plan sites:

1. Eugene Builders Exchange, 2460 W. 11th, Eugene, OR 97402 541.484.5331
2. Daily Journal of Commerce, 921 SW Washington St, Ste 210, Portland, OR 97205 503.226.1311

### **2.0 INSPECTION OF SITE AND DOCUMENTS**

There will be a MANDATORY pre-proposal walk through on November 7, 2016 at 3:30 PM. Interested parties must be present to be eligible to submit a proposal. Meeting gathering point is at the main entrance to the Lundy Elementary School, 45 South Moss Street, Lowell, Oregon 97452.

If you do not attend the mandatory pre-proposal walk through you are not eligible to submit a proposal.

The Respondent shall thoroughly examine and familiarize himself with the Proposal document and all other contract documents. The Respondent's own judgment shall be relied upon in preparing the Proposal and include a proposal with fees per priority sufficient to cover all items required by the contract, with good construction and workmanship standards.

Technical questions concerning the sites and scope of work may be addressed to Walt Hanline, Ed.D. Lowell School District Superintendent, (209) 765-4818. [whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

### **3.0 CONTRACTOR'S QUALIFICATION**

A Respondent whose Proposal is under consideration shall, upon request, promptly furnish satisfactory evidence of financial resources, experience, equipment, and the organization available for performance of the contract.

### **4.0 INTERPRETATIONS OF ADDENDA, SUBSTITUTIONS, AND QUESTIONS**

No oral interpretations will be made to any Respondent as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to Debi McNamara, Lundy Elementary School District Office, 45 South Moss Street, Lowell, Oregon 97452.

Any inquiry received seven (7) or more days prior to the date fixed for opening of Proposals will be given consideration. Every interpretation made to a Respondent will be in the form of an Addendum to the Contract Documents. All addenda will be mailed or faxed to each person holding Contract Documents, but it shall be the Respondent's responsibility to make inquiry as to the addenda issued. All such Addenda shall become part of the Request for Proposal.

### **5.0 APPROVAL OF SUBSTITUTIONS**

Refer to Section 6 for Substitution Request Form.

### **6.0 TYPE OF PROPOSAL**

**Design-Build** is a form of procurement that results in a Public Improvement Contract in which the construction contractor also provides or obtains specified design services, participates on the project team with the Contracting Agency, and manages both design and construction. In this form of contract, a single Prime Contractor provides the Contracting Agency with all of the services necessary to both design and build the project.

### **7.0 CANCELLATION/REJECTION**

In accordance with Oregon law, the Lowell School District may cancel the procurement or reject any Proposal not in compliance with all prescribed public bidding procedures and requirements, or may reject for good cause, any or all Proposals upon a finding of the School District it is in the public interest to do so.

### **8.0 PERFORMANCE BOND AND LABOR MATERIAL PAYMENT BOND**

CONTRACTOR shall, within ten (10) days after award of the contract, and prior to doing any work under this contract, furnish to Lowell School District, in a form and with a surety thereon satisfactory to the Lowell

School District:

(1) A performance bond in an amount equal to the full contract price conditioned upon the faithful performance of this contract upon the part of CONTRACTOR in accordance with the plans, specifications, and conditions of this contract, and also complying with the provisions of Oregon Revised Statute 279C.380(1)(a) and any other laws of the State of Oregon relating to faithful performance bonds for construction of public works.

(2) Pursuant to ORS 279C.380(1)(b), a payment bond in an amount equal to the full contract price, solely for the protection of claimants under ORS 279C.600.

## **9.0 PUBLIC WORKS BOND**

Pursuant to ORS 279C.836, before starting work on a contract or subcontract for a public works project, a contractor or subcontractor shall file with the Construction Contractors Board a public works bond with a corporate surety authorized to do business in this state in the amount of \$30,000.

## **10.0 RESIDENT RESPONDENT**

Respondents will be required to attest as to whether they are resident or nonresident Respondents, in accordance with provision of ORS 279C.365.

## **11.0 ASBESTOS ABATEMENT**

This project does not contain asbestos abatement work; thus the supplier/contractor/subcontractor(s) will not be required to be licensed under ORS 468A.720 to do asbestos abatement work

- I. Asbestos containing materials are known to exist in areas of the Work. The Contractor shall not, in any way, disturb materials, which are known to contain asbestos, assumed to contain asbestos, or otherwise have not been tested and confirmed to be asbestos free.
- II. The Owner will contract separately for the removal of asbestos containing materials. The Contractor shall include 10 days within the project schedule for the removal of the asbestos containing materials.

## **12.0 WAGE RATES**

The CONTRACTOR, subcontractor, or other person doing or contracting to do the whole or any part of the work contemplated by the contract, shall be advised that this contract is subject to ORS 279C.800 to 279C.870, no bid will be received or considered by the Lowell School District unless the bid contains a statement by the Contractor that ORS 279C.840 will be complied with. Bureau of Labor and Industries wage rates applicable to this project are effective July 2016 and any amendments published after that date and can be found on the Oregon Bureau of Labor and Industries website: [www.boli.state.or.us](http://www.boli.state.or.us)

## **13.0 279C.580 CONTRACTOR'S RELATIONS WITH SUBCONTRACTORS.**

The contractor shall include in each subcontract for property or services entered into by the contractor and a first-tier subcontractor, including a material supplier, for the purpose of performing a construction contract:

- (a) A payment clause that obligates the contractor to pay the first-tier subcontractor for satisfactory performance under its subcontract within 10 days out of such amounts as are paid to the contractor by the contracting agency under the contract; and
- (b) An interest penalty clause that obligates the contractor, if payment is not made within 30 days after receipt of payment from the contracting agency, to pay to the first-tier subcontractor an interest penalty on amounts due in the case of each payment not made in accordance with the payment clause included in the subcontract under paragraph (a) of this subsection. A contractor or first-tier subcontractor may not be obligated to pay an interest penalty if the only reason that the contractor or first-tier subcontractor did not make payment when payment was due is that the contractor or first-tier subcontractor did not receive payment from the contracting agency or contractor when payment was due. The interest penalty shall be:
  - (A) For the period beginning on the day after the required payment date and ending on the date on which payment of the amount due is made; and
  - (B) Computed at the rate specified in ORS 279C.515 (2).

The contractor shall include in each of the contractor's subcontracts, for the purpose of performance of such

Attachment 7.2

contract condition, a provision requiring the first-tier subcontractor to include a payment clause and an interest penalty clause conforming to the above standards in each of the first-tier subcontractor's subcontracts and to require each of the first-tier subcontractor's subcontractors to include such clauses in their subcontracts with each lower-tier subcontractor or supplier.

#### **14.0 EQUAL EMPLOYMENT OPPORTUNITY**

The requirements for ensuring that employees and applicants for employment are not discriminated against because of their race, sex, age, handicap, religion, ethnic background, sexual orientation, or national origin should be called to the Respondent's attention.

#### **15.0 SUBMISSION OF PROPOSAL**

The submission of a Proposal shall be prima facie evidence of the following: that the Respondent has carefully examined a full and complete set of the Proposal documents for the construction of the project; that the Respondent has personally inspected the site; that the Respondent has satisfied himself/herself as to the quantities involved and acknowledges that the description of the quantities of work and materials included herein is brief and is intended to indicate only the general nature of the work; and that this Proposal is made according to the provisions and terms of the full and complete Proposal documents, which documents are hereby made part of this Proposal. All Proposals received must be in writing and sealed upon delivery.

Respondent shall submit One (1) clearly marked ORIGINAL hard copy and three (3) complete copies of the proposal, along with any required forms and bonds, shall be enclosed in a sealed in an opaque envelope directed to Debi McNamara, Lundy Elementary School District Office, 45 South Moss Street, Lowell, Oregon 97452 with the words **DESIGN-BUILD – RENOVATION OF LOWELL JR./SR. HIGH SCHOOL AND LUNDY ELEMENTARY SCHOOL November 18, 2016 2:00 PM**, the name of the Respondent, and the date and time for Proposal opening written on the outside in order to prevent premature opening of the Proposal.

Proposals shall be limited to 20 pages. Font size shall be 11-point minimum for the body of the text. The page count does not include the title page, table of contents, back page and resumes.

#### **16.0 MODIFICATION AND WITHDRAWAL**

Prior to the time and date designated for receipt of Proposals, any Proposal submitted may be withdrawn by notice to the party receiving Proposals at the place designated for receipt of Proposals. Such notice shall be in writing over the signature of the Respondent or by telegram. If by telegram, written confirmation over the signature of the Respondent shall be mailed and postmarked on or before the date and time set for receipt of Proposals. No Proposal may be withdrawn after the time scheduled for opening of Proposals, unless the time specified in paragraph AWARD OF CONTRACT of these Instruction to Respondents shall have elapsed.

#### **17.0 DISQUALIFICATION**

The Lowell School District reserves the right to disqualify Proposals, before or after opening, upon evidence of collusion with intent to defraud or other illegal practices upon the part of the Respondent.

#### **18.0 PROPOSAL OPENING**

Proposals will be opened as announced in the Invitation to Submit Proposal.

#### **19.0 DRUG-TESTING CERTIFICATION**

ORS 279C.505 requires that all public improvement contracts contain a provision requiring contractors to demonstrate that an employee drug-testing program is in place. Respondent is therefore required to certify that Respondent has an employee drug-testing program in place that applies to all employees, and will maintain a drug-testing program at all times during the performance of the Contract awarded. Failure to maintain a program shall constitute a material breach of contract. See Drug-Testing Policy, Section 13.

#### **20.0 AWARD OF CONTRACT**

Lowell School District reserves the right to reject any and all proposals, to waive any and all informalities not involving price, time, or changes in the work, to negotiate Contract terms with the successful Respondent, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional Proposals. Also, Lowell

School District reserves the right to reject the proposal of any Respondent if the Lowell School District believes that it would not be in the best interest of the Lowell School District to make an award to that Respondent, whether because the Proposal is not responsive, or the Respondent is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by Lowell School District.

The Contract will be awarded to the responsible Respondent submitting the best proposal and complying with the conditions of the Advertisement for Proposals. The Respondent(s), to whom the award is made, will be notified immediately after a selection panel has determined which proposal is best. The Lowell School District, however, reserves the right to reject all Proposals, to delete certain items in the Proposal as set forth therein, and to waive any informality in Proposals received whenever such rejection or waiver is in its interest.

The selection committee may invite the highest scoring Respondents to an oral interview if deemed necessary. Those firms selected for interviews will be noticed as soon as possible to set the format, time and location of interviews.

## **21.0 EVALUATION CRITERIA**

This contract will be awarded based on a competitive process, but due to the essential service elements existing school operations, and the complexity of determining the best offer, the award will not be based solely on lowest price quote for design services, and contractor fees and rather to the Most Advantageous Proposer to the Lowell School District.

The method of contractor selection may include, but is not limited to, award without negotiation, negotiation with the highest ranked Respondent, competitive negotiations, multi-tiered competition designed either to identify a class of Respondents that fall within a competitive range or to otherwise eliminate from consideration a class of lower ranked Respondents, interviews, or any combination of methods, as authorized or prescribed by rules adopted under ORS 279A.065.

A Selection Committee established by the Lowell School District for this purpose will conduct the evaluation, based on the Evaluation Criteria. Their recommendation will be forwarded to Lowell School Board Superintendent for approval. All decisions are final. The evaluation criteria used to select a design-build firm for this project will be based on a combination of the following scoring criteria:

### **21.1 Local Community Knowledge - 15 points.**

- a. Experience with Lowell School District, or similar size school district.
- b. Experience with local subcontractors and suppliers.
- c. Experience with local Authorities Having Jurisdiction.

### **21.2 Team Qualifications - 20 points.**

Qualified key personnel must have minimum of five (5) years' experience working on integrated design-build teams, construction on occupied campuses, and working in rural communities. Identify the key individuals who will be working on this project, including the Architect, Engineers, Design-Build Firm Principals, Project Managers, and Superintendents. Provide a résumé of the professional qualifications for the designated staff. Include bonding capability and specify whether or not you have had bond claims or contract defaults in the past ten (10) years. Provide an organizational chart of the Design-Build team showing key personnel. Provide the teams ability to engage local qualified sub-contractors.

### **21.3 Project History - 25 points.**

Provide a listing, in chronological order and in chart/tabular format, of your firm's experience with renovation projects of \$500,000 or more of existing facilities within the past 5 years in Oregon. Include: Completion date; name of owner, contact person, and current phone; location of job; brief description of job (i.e., seismic upgrades, renovation of school buildings, work on occupied school campuses, etc.); original construction contract amount; total dollar amount of change orders; final construction amount, Contractor and Architect, and construction manager.



and contact person with current phone. List any prior experience performing design, and construction administration services for school districts in the Eugene/Springfield metropolitan area or elsewhere within the county or State. Firms and key project management staff should have a recent strong background in design and construction administration for Architectural Services in support of like projects.

Describe at least five (5) projects that demonstrate the Team's ability for:

- a. Integrated Design-Build delivery
- b. Working on occupied campuses
- c. Experience engaging local community in construction

Provide supportive reference to the projects discussed. The Lowell School District reserves the right to check any and all references or clients, including those not listed as references.

#### **21.4 Overall Approach to the Project - 25 points.**

Describe in detail how you will approach this project to ensure the Lowell School Districts satisfaction, including methods and procedures used to translate the Lowell School Districts requirements accurately into working drawings; describe flexibility in dealing with design/construction changes; and explain the uniqueness of your approach. Evaluation under these criteria will be based on the evaluation team's confidence that the completed project will meet with reasonable expectations. Within the parameters described in this solicitation, how would you organize and monitor the work to ensure quality, function, timely completion, and cost within budget? What will be done by your team to guarantee that the work produced by your team is within the District's budget at every stage of the process?

#### **21.5 Rates and Expenses - 15 points.**

Respondent shall provide Design Services Fees, which include the pre-construction fees in the Design Services table below.

Respondent shall provide Construction Services Fees in the Construction Services table below.

The Cost of Work (COW) to which the respondents Design Services Fees, and the Construction Services Fees shall be based on the given dollar amount in the column of the table labeled COW Basis. See Appendix A, B, and C for additional information.

- a. Provide all Design Services Fees below for the Scope of Project services as shown in Section 5 – Scope of Project.

<b>DESIGN SERVICES</b>		
<b>Project Component</b>	<b>COW Basis</b>	<b>Design Services Fee</b>
Lowell High School Seismic Rehabilitation	\$ 957,017	\$
Lundy Elementary School Seismic Rehabilitation	\$ 1,075,743	\$
Master Plan Priority 1	\$ 2,291,208	\$
Master Plan Priority 2	\$ 3,620,950	\$
Master Plan Priority 3	\$ 233,000	\$
Master Plan Priority 4	\$ 2,032,500	\$

- b. Provide all Construction Services Fees below for the Scope of Project services as shown in Section 5 – Scope of Project. See Appendix D for items included in General Conditions. The General Conditions provided by respondent shall represent a monthly Not-to-Exceed dollar amount. Construction Fee, Bonding, and Builder Risk Insurance shall be provided as a percentage of the COW Basis.

CONSTRUCTION SERVICES					
Project Component	COW Basis	Monthly General Conditions, \$	Construction Fee, %	Bond, %	Builders Risk Ins. ,%
Lowell High School Seismic Rehabilitation	\$ 957,017	\$	%	%	%
Lundy Elementary School Seismic Rehabilitation	\$ 1,075,743	\$	%	%	%
Master Plan Priority 1	\$ 2,291,208	\$	%	%	%
Master Plan Priority 2	\$ 3,620,950	\$	%	%	%
Master Plan Priority 3	\$ 233,000	\$	%	%	%
Master Plan Priority 4	\$ 2,032,500	\$	%	%	%

## 22.0 FORM OF CONTRACT

The work is anticipated to be completed under standard **AIA Document A141 – 2014, Agreement, Between Owner and Design-Builder**, with certain amendments that are required under Oregon law or that may otherwise be deemed appropriate. See also, Sections 14 through 16 below.

## 23.0 ORDER OF PREFERENCE

The contract documents are complementary, and what is called for by any one shall be as binding as if called for by all. The intention of the documents is to include all labor, materials, equipment, or other costs necessary for the proper execution of the work. In the event of discrepancies between contract documents, the following shall govern in the order listed below, with the first listed document controlling over those listed below it and so forth: 1 Lowell School District /Contractor Agreement; 2. Addenda; 3. Invitation to Submit Proposal; 4. Change Orders; 5. Proposal Response; 6. Specifications; Drawings or Submittals.

## 24.0 PROTECTIVE LIABILITY INSURANCE REQUIREMENTS

Design-Builder shall obtain at its own expense and maintain continuously in effect during the term of this Agreement the following minimum insurance:

- (1) General Insurance The Contractor shall maintain in force for the duration of the agreement a Umbrella Insurance Policy with the limits not less than \$5,000,000. A Commercial General Liability, Automobile Liability (owned, non-owned and hired) Insurance Policy(s) written on an occurrence basis with limits not less than \$1,000,000 per occurrence and \$3,000,000 in the aggregated naming the Lowell School District, its employees, officers, officials and agents as an additional insured as respects to work or services performed under this agreement. This insurance will be primary to any insurance the Lowell School District may carry on its own.
- (2) Workers Compensation Insurance The Contractor shall require all subcontractors to provide and maintain general liability, professional liability (as applicable) and workers' compensation coverage with coverage's equivalent to those required by General Contractor in this Agreement. The Contractor shall require certificates of insurance from all subcontractors as evidence of coverage.
- (3) Subcontractor Insurance The Contractor shall provide and maintain workers' compensation coverage for its employees, officers, agents or partners, as required by applicable workers' compensation laws.
- (4) Professional Liability Insurance (also known as "Errors and Omissions" or "malpractice liability" insurance for professionally trained, licensed, or certified service providers) with a limit of at least \$2,000,000. Such coverage may be on a "claims made" policy form. Should the Professional Liability Insurance policy be terminated for any reason, satisfactory "tail" coverage of an extended claims reporting period of at least two (2) years shall be required and provided at the sole expense of Design-Builder.

Design-Builder shall submit to Lowell School District certificates of insurance for all policies listed above at time of this Agreement, and at each subsequent insurance renewal for the life of this Agreement, Certificate

must include Additional Insured Endorsement for General Liability Insurance. Certificates of insurance for current coverage or activated tail coverage for Professional Liability Insurance, because it is a claims-made coverage, shall continue to be submitted to Lowell School District for two (2) years following the effective term of this Agreement. Certificate Holder (and additional insured for General Liability) shall be shown as: Lowell School District, 45 South Moss Street, Lowell, Oregon 97452.

Design-Builder is responsible to assure that Lowell School District receives a required thirty (30) days written notice prior to cancellation of, material change to, exhaustion of aggregate limits of, or intent not to renew any insurance policy for coverage required in this Agreement. Ten (10) days will be accepted for cancellation due to non-payment of premium. Design-Builder shall itself provide the written notice in the event that its insurance companies will not or do not provide such notice. Failure to maintain proper insurance and/or provide timely notification of a change in coverage is grounds for potential immediate termination of this contract.

Notwithstanding insurance requirements stated or any modifications made thereto, in no case shall the presence or absence of any insurance coverage, or any insurance policy limit, provision, term, or condition reduce the obligations of the Design-Builder for liability granted generally by law or specifically in the terms of this Agreement. In no case shall Lowell School District be responsible for any amount of Design-Builder self-insurance, or any retention, deductible, or coinsurance amount required by Design-Builder's insurance policies.

#### **25.0 EXECUTION OF CONTRACT**

Subsequent to the award and within ten (10) days, the Successful Respondent(s) shall execute the Contract between Lowell School District and Contractor. The failure of the successful Respondent to execute such Contract within ten (10) days after the prescribed forms are presented for signature, or within such extended period as the Lowell School District may grant, shall constitute a default, and the Lowell School District may either award the Contract to the next lowest responsible Respondent or re-advertise for Proposals. If a more favorable Proposal is received by re-advertising, the defaulting Respondent shall have no claim against the Lowell School District for a refund.

#### **26.0 PROJECT SEQUENCE**

The successful party shall, upon award of this contract, submit complete engineered construction drawings to School District Superintendent, Walt Hanline, who, acting as the Lowell School District Representative, will review the final design and construction drawings for compliance with these specifications and the successful proposal. Periodic review during the design phase is available and will be negotiated at the pre-work meeting. Obtain Lowell School District Representative's approval prior to submitting plans to the City of Lowell Public Works Department, 107 E. 3<sup>rd</sup> Ave., Lowell, Oregon 97452, and any other required agency for building permits, health and safety permits, and utility connections. Obtain Lowell School District Representative's approval prior to making changes to the approved plans and specifications, including schedule.

#### **27.0 TIME OF COMPLETION AND LIQUIDATED DAMAGES**

The Respondent must agree to commence work on or before a date to be specified in a written "Notice to Proceed" from the Lowell School District; and to complete the project per respective priority as stated in the INVITATION TO SUBMIT PROPOSAL. The Respondent must also agree to pay as liquidated damages, the sum of \$500.00 (five hundred dollars) for each consecutive calendar day thereafter until all the construction is complete (except for weather, or other unknown circumstances). Exceptions will be granted for unusually foul weather days, or other unknown circumstances, which have been documented by LOWELL SCHOOL DISTRICT REPRESENTATIVE to prevent work.

Submit a work schedule for approval to the Lowell School District Representative within 30 days following award and at least two (2) days prior to commencement of work. On the schedule, break the Work down by trade group or logical project components, showing a start and finish date, preferably by bar or Gant chart, in a schedule that predicts the Work to be completed within the contract allowable time.

#### **28.0 METHOD OF PAYMENT**

Checks in payment of the costs of work to be done under this contract shall be drawn on vouchers audited,

approved and authorized by the Lowell School District in like manner as other claims against the Lowell School District.

The Lowell School District must withhold 25% of amounts owed to Contractor (for Public Improvement contracts subject to prevailing wage laws) if certified payrolls are not submitted, as required by state law.

Nothing herein contained is intended, nor shall it be construed, to create any third party beneficiary rights against the Lowell School District in favor of any person not party to this contract.

#### **29.0 ELECTION OF RETAINAGE OPTION**

The Lowell School District will reserve retainage from any progress payment on this contract an amount equal to five percent (5%) of the payment. The Lowell School District in its accounts will hold Retainage and the Contractor will receive no interest thereon unless the Contractor, at the time of signing the contract, elects in writing to have the retainage paid in accordance with either subsection (3) or subsection (4) of ORS 279C.560. The election made at the time of signing the contract shall be final and not subject to change. The Lowell School District will not approve a surety bond in lieu of retainage.

#### **30.0 HOURS OF WORK**

All work on this project shall be performed on Mondays through Fridays, inclusive, between the hours of 7:00 a.m. and 6:00 p.m., local time, except as specifically exempted by Lowell School District Representative.

#### **31.0 LICENSES**

No Proposal for a construction contract shall be received or considered unless the Respondent is registered with the Construction Contractors Board.

#### **32.0 EXISTING UTILITIES AND CONDITIONS**

Prior to cutting into the soil, locate all cables, conduits, irrigation lines and other such utilities as are commonly encountered underground. Notify the utility companies that might be affected by construction of this project. Take proper precautions not to damage or disturb such improvements. Proceed in the same manner if rock layer or any other condition-encountered underground makes changes advisable.

Be alert for evidence of additional utility services not shown on the plans, such as trench scars, meters, and valves. Exercise caution when working in the proximity of these utility lines in order to prevent damage to existing facilities. If a conflict exists between such obstacles and the proposed work, promptly notify the Lowell School District who will arrange for relocations. Should utility companies cause delays on this project, the Lowell School District will consider allowing additional contract time to complete this project. The Lowell School District will not consider compensation for the delay.

#### **33.0 PROTECTION OF ON-SITE AMENITIES**

The Contractor shall protect existing facilities, such as adjacent buildings, lawn areas, sprinkler systems, paving and landscaping from damage, unless noted specifically on plans or by project inspector.

#### **34.0 TIMELINE AND TARGET DATES**

<b>Advertise RFP</b>	<b>October 28, 2016</b>
<b>RFP document available</b>	<b>October 28, 2016</b>
<b>Mandatory pre-proposal walk through</b>	<b>November 7, 2016 at 3:30 PM</b>
<b>Proposal Submittal deadline</b>	<b>November 18, 2016 at 2:00 PM</b>
<b>Final Selection &amp; Recommendation</b>	<b>November 22, 2016</b>
<b>School Board Action</b>	<b>November 28, 2016</b>

### **35.0 QUESTIONS**

Direct all technical questions to:

**Walt Hanline, Ed.D.**

**Superintendent**

**(209) 765-4818**

**[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)**

Direct all procurement process questions to:

**Debi McNamara,**

**Business Office Manager**

**(541) 937-8405**

**[dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us)**

## **Section 5 – Scope of Project**

The Lowell School District intends to remodel Lowell Jr./Sr. High School and Lundy Elementary School. School remodel elements are prioritized for consideration with this project, 1 through 4 in a Lowell School District Master Plan dated August 25, 2016. The Master Plan is attached as Appendix A and is made part of this proposal. The Lowell School District is seeking proposals from qualified design-build firms to design and construct, as many priorities as funding will allow.

The following is a general list of project elements for the preliminary project scope. This list is not intended to include all aspects of each element for this design-build project, but rather to provide a general description of categories of work, which will offer further detail to concepts described during the pre-proposal walk-through and in the preliminary scope of services below. The Contractor must also review all Lowell School District provided information and appendixes to this RFP to help determine the scale of pre-construction services.

The following reflect preliminary scope of services and are subject to revisions.

### **Design Services**

The successful Design-Build Team will prepare construction drawings and details, project specifications, and the development of a GMP for the priority categories shown in the Seismic Rehabilitation of the Lowell High School Gymnasium, and the Lundy Elementary School Gymnasium, and the Master Plan subject to available funding. Drawings shall be of sufficient detail to successfully meet the building permit requirements of the City of Lowell Building Department and that adequately direct the contractor and subcontractors in specifying and constructing the following items that include, but are not limited to:

1. Surveyed AutoCAD site plans for each site showing: elevations/grading plan; existing: utilities, sidewalks, driveway, and curbs; delivered in AutoCAD file format.
2. Establish a project meeting schedule between the Architect, Contractor and School District representative, including programming, schematic design, design development, preconstruction and end of project review meetings.
3. Detailed project schedule\timeline.
4. Programming Phase: Provide detailed documentation identifying user group needs, relationships and rough space sizes.
5. Schematic Design Phase: Provide a complete set of schematic design drawings for review and approval by the school board.
6. Design Development Phase: Provide a complete set of design development drawings for review and approval by the school board.
7. Detailed construction drawings suitable for a successful Building Permit application with the City of Lowell Building Department for construction of all elements of this project:
  - a. Seismic Upgrades for Lowell High School: Review Appendix B, the attached Seismic Rehabilitation Grant Application for the Lowell High School Gymnasium, including conceptual strengthening design by KPFF Consulting Engineers, and provide separate structural engineering analysis and structural strengthening design calculations and repair schemes, and provide detailed construction documents as necessary to complete the recommended seismic upgrades and any additional repair work associated with those upgrades.
  - b. Seismic Upgrades for Lundy Elementary School: Review Appendix C, the attached Seismic Rehabilitation Grant Application for the Lundy Elementary School Gymnasium, including conceptual strengthening design by KPFF Consulting Engineers, and provide separate structural engineering analysis and structural strengthening design calculations and repair schemes, and provide detailed construction documents as necessary to complete the recommended seismic upgrades and any additional repair work associated with those upgrades.

- c. Priority 1 Repairs, Maintenance Upgrades, and Additions: Provide detailed construction documents as necessary to complete the recommended repairs and upgrades and additions to Lowell High School and Lundy Elementary schools identified as Priority 1 in the attached Lowell School District Master Plan dated August 2016. Priority 1 items are primarily maintenance and upgrades of existing systems and materials as well as security upgrades for both schools and a two classroom modular building at Lundy Elementary.
- d. Priority 2 Repairs, Maintenance Upgrades, and Additions: Provide detailed construction documents as necessary to complete the recommended repairs and upgrades and additions to Lowell High School and Lundy Elementary schools identified as Priority 2 in the attached Lowell School District Master Plan dated August 2016. Priority 2 includes a new gymnasium for Lowell High School as well as interior remodels of classrooms and the existing gymnasium. Priority 2 also includes a remodeled front office and a second two classroom modular building at Lundy Elementary as well as additional upgrades and maintenance for both schools.
- e. Priority 3 Repairs, Maintenance Upgrades, and Additions: Provide detailed construction documents as necessary to complete the recommended repairs and upgrades and additions to Lowell High School and Lundy Elementary schools identified as Priority 3 in the attached Lowell School District Master Plan dated August 2016. Priority 3 includes toilet room upgrades at both schools.
- f. Priority 4 Repairs, Maintenance Upgrades, and Additions: Provide detailed construction documents as necessary to complete the recommended repairs and upgrades and additions to Lowell High School and Lundy Elementary schools identified as Priority 4 in the attached Lowell School District Master Plan dated August 2016. Priority 4 includes a new classroom wing at Lowell HS and two additional modular buildings at Lundy Elementary, each with two classrooms.

### **Construction Services**

Submit a monthly cost reimbursable maximum not to exceed monthly fee for the portion of the Costs of General Conditions Work associated with staffing the site during the Construction Phase of this Project. See Appendix D – Direct Costs and General Conditions Work Cost Matrix. Submit Construction Fee, Bonding, and Builders Risk Insurance as a percentage of the Cost of Work (COW) basis as shown in Section 21.5 (b) Construction Services table.

### **Section 6 – Substitution Request**

All requests for approval must be submitted in duplicate on "Substitution Request Form". Include a self-addressed stamped envelope. Requests received by Owner and Architect less than ten (10) days prior to bid will not be considered.

### **Section 7 – BOLI Prevailing Wage Rates**

The Prevailing Wage Rates dated July 1, 2016, including any subsequent corrections or amendments issued by the Oregon Bureau of Labor and Industries, are included as a portion of the Contract Documents by reference. Copies can be viewed on line at [www.boli.state.or.us](http://www.boli.state.or.us). Click on Prevailing Wages, then PWR Rate Publications, and then Prevailing Wage Rates for Public Works Contracts in Oregon (subject only to state law).

### **Section 8 – Bid Schedule**

Proposer shall coordinate the bidding and construction processes such that the Seismic Rehabilitation work for the Lowell High School Gymnasium is complete by July 1, 2018. Completion of all remaining Work will be negotiated with the Lowell School District.

### **Section 9 – First Tier Subcontractor Disclosure**

1. Within two (2) working hours after the date and time of the deadline when the bids are due, a Bidder shall submit to the District a disclosure of the first-tier subcontractors that will be furnishing labor or will be furnishing labor and materials in connection with the public improvement; and will have a contract value that is equal to or greater than five percent (5%) of the project bid or \$15,000, whichever is greater, or \$350,000, regardless of the percentage of the total project bid.

2. The disclosure of first-tier subcontractors shall include the name of each subcontractor, the category of work that the subcontractor would be performing, and the dollar value of each subcontract.
3. The first-tier subcontractor disclosure applies only to public improvements with a contract value of more than \$100,000.
4. The District will consider the bid of any contractor that does not submit a required subcontractor disclosure to the District to be a non-responsive bid. A non-responsive Bid will not be considered for Award.
5. Contractor shall certify that all subcontractors performing Work are registered with the Construction Contractors Board or licensed by the State Landscape Contractors Board in accordance with ORS 701.035 to 701.055 before the subcontractors commence work under the Contract.

## **Section 10 – Performance Bond and Payment Bond**

Unless otherwise stated in the solicitation document, the successful Bidder shall be required to provide the Owner with a Performance Bond and Labor and Material Payment Bond, **each** in an amount equal to one hundred percent (100%) of the contract sum. The Surety Company shall meet requirements as specified in the Supplementary Conditions.

7.1.2 The Labor and Material Payment Bond shall contain a clause specifically guaranteeing payment of all sums of money withheld from employees and payable to the Internal Revenue Service; and all contributions or amounts due to the State of Oregon from the General Contractor or subcontractor incurred in the performance of this contract.

7.1.3 The Bond shall be fully executed, payable to the Owner.

7.1.4 The cost of these bonds shall be included in the Bid.

## **Section 11 – Non-Collusion Affidavit**

Bidders shall certify to non-collusion practices.

1. A Non-Collusion Affidavit is required for any contract awarded pursuant to the bid. According to the Oregon Public Contracts and Purchasing Laws, a public contracting agency may reject any or all bids upon a finding of the agency that it is in the public interest to do so (ORS 279C.395). This agency finds that it is in the public interest to require the completion of this affidavit by potential contractors.
2. The Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.
3. Bid rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the preparation approval or submission of the bid.
4. In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.
5. The term "complementary bid" as used in the Affidavit has the meaning commonly associated with the term in the bidding process, and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or noncompetitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.
6. Failure to file an Affidavit in compliance with these instructions will result in disqualification of the bid.



## **Section 12 – Resident Bidder**

Bidder shall indicate the bidder's status as a "resident" or "non-resident" in accordance with ORS 279C.365 and ORS 279A.120.

## **Section 13 – Drug Testing Policy**

The Proposer certifies by signing the Proposal that the Contractor has a drug-testing program in place for its employees that includes, at a minimum, the following:

1. A written employee drug-testing program,
2. Required drug testing for all new Subject Employees, or alternatively, requiring testing of Subject Employees every six months on a random selection basis,
3. Required testing of a Subject Employee when the Contractor has reasonable cause to believe the Subject Employee is under the influence of drugs, and
4. Required testing of a Subject Employee when the Subject Employee is involved in: (I) an incident causing an injury requiring treatment by a physician, or (ii) an incident resulting in damage to property or equipment.

A drug-testing program that meets the above requirements will be deemed a "Qualifying Employee Drug-testing Program". For purposes of this rule an employee is a "Subject Employee" only if that employee will be working on the Project job site; and That if awarded the Public Improvement Contract, the Bidder will execute a contract in which the Contractor shall represent and warrant to the District that the Qualifying Employee Drug-testing Program is in place at the time of contract execution and will continue in full force and effect for the duration of the Public Improvement Contract; and that the Contract will condition the Agency's performance obligation upon the Contractor's compliance with this representation and warranty; and that the Public Improvement Contract shall contain Contractor's covenant requiring each subcontractor providing labor for the Project to:

1. Demonstrate to the Contractor that it has a Qualifying Employee Drug-testing Program for the subcontractor's Subject Employees, and represent and warrant to the Contractor that the Qualifying Employee Drug-testing Program is in place at the time of subcontract execution and will continue in full force and effect for the duration of the subcontract; or
2. Require the subcontractor's Subject Employees to participate in the Contractor's Qualifying Employee Drug-testing Program for the duration of the subcontract.

## **Section 14 – General Conditions of the Contract for Construction**

STANDARD FORM: General Conditions of the Contract for Construction AIA Document A-201, 2007

Edition, amended as required under Oregon law or as may otherwise be deemed appropriate, will be used for all work under this Contract. Specific amendments are addressed in Sections 15 and 16 below. The Contractor and all Subcontractors shall read and be governed by them.

CONFLICTS: In the case of conflicts between the General Conditions and these Specifications, the Specifications govern.

## **Section 15 – Warranty, Amending the General Conditions**

1. Add the following sentence to Clause 12.2.2.1:

The correction period relating to faulty products and workmanship will begin on the date appearing on the Certificate of Substantial Completion, or if a Certificate of Substantial Completion is not issued, on the date appearing on the Final Certificate of Payment to the Contractor, whichever is earlier. The Owner's use of the project will not alter the warranty period herein defined.

2. Add the following sentence to Clause 12.2.2.2:

The correction periods specified are an extension of the one-year correction period called for in the

General Conditions and are in addition to any guaranty bond called for elsewhere.

## **Section 16 – Changes Clause, Amending the General Conditions**

1. Paragraph 7.1.2, delete the following: “an order for minor changes in the Work can be issued by the Architect alone”.

2. Add the following Subparagraph 7.1.4 to Paragraph 7.1:

7.1.4 The combined overhead and profit included in the total cost or credit to the Owner of a change in the Work shall not exceed that stated in 7.1.4.4 below. In no case shall the Contractor’s or Subcontractors individual overhead and profit request exceed the following schedule:

- a. For the Contractor, for Work performed by the Contractor’s own forces, 15 percent of the cost.
- b. For the Contractor, for Work performed by the Contractor’s Subcontractors, 10 percent of the amount due the Subcontractors.
- c. For each Subcontractor involved, for Work performed by that Subcontractor’s own forces, 10 percent of the cost.
- d. The **Base Cost** to which overhead and profit is to be applied shall be determined in accordance with Subparagraph 7.3.7., articles .1, .2, .3, .4, and .5. To this **Base Cost** is added the applicable overhead and profit. In no case shall the combined overhead and profit (including all Contractor and Subcontractor(s) overhead and profit) exceed 25 percent of this **Base Cost**.
- e. In order to facilitate checking of quotations for extras or credits, all proposals, except those so minor that their propriety can be seen by inspection, shall be accompanied by a complete itemization of costs including those applicable costs from paragraph 7.3.7, .1 - .5, and Subcontractor and Contractor overhead and profit as applicable.
- f. Cost of preparing change order shall not be included in cost of Change Order.

3. Add the following Subparagraph 7.1.5 to Paragraph 7.1:

7.1.5A Change Order providing a CREDIT to the Owner shall include a credit for overhead and profit based on the following schedule:

- a. For the Contractor, 5 percent of the Cost to be credited.
- b. For each Subcontractor, 5 percent of the Cost to be credited.
- c. For each Sub-subcontractor, 5 percent of the Cost to be credited.
- d. All other provisions of Subparagraph 7.1.4 shall apply to Credit Change Orders.

## **Section 17 – ORS 279C.505 Conditions Concerning Payment, Contributions, Liens, Withholding, Drug-Testing**

1. Every public improvement contract shall contain a condition that the contractor shall:
  - a) Make payment promptly, as due, to all persons supplying to the contractor labor or material for the performance of the work provided for in the contract.
  - b) Pay all contributions or amounts due the Industrial Accident Fund from the contractor or subcontractor incurred in the performance of the contract.
  - c) Not permit any lien or claim to be filed or prosecuted against the state or a county, school district, municipality, municipal corporation or subdivision thereof, on account of any labor or material furnished.
  - d) Pay to the Department of Revenue all sums withheld from employees under ORS 316.167 (Withholding of tax required).

2. In addition to the conditions specified in subsection (1) of this section, every public improvement contract shall contain a condition that the contractor shall demonstrate that an employee drug testing program is in place.

### **Section 18 – Release of Liens and Claims**

The Contractor shall not permit any lien or claim to be filed or prosecuted against the Owner on account of any labor or material furnished in connection with the Work.

Before submitting an Application for Final Payment, the Contractor shall submit forms for Release of Liens for the Contractor and all Subcontractors.

### **Section 19 – Non-Discrimination**

Bidders shall certify to non-discrimination in employment practices on the form, included as part of the Bid Form, to be submitted with the Bid Form. By submitting its bid, the Bidder certifies conformance to the applicable federal acts, executive orders, and Oregon statutes and regulations concerning affirmative action toward equal employment opportunities. All information and reports required by the federal or Oregon state governments having responsibility for the enforcement of such laws shall be supplied to the Owner in compliance with such acts, regulation, and orders.

# Appendix A: Lowell School District Master Plan

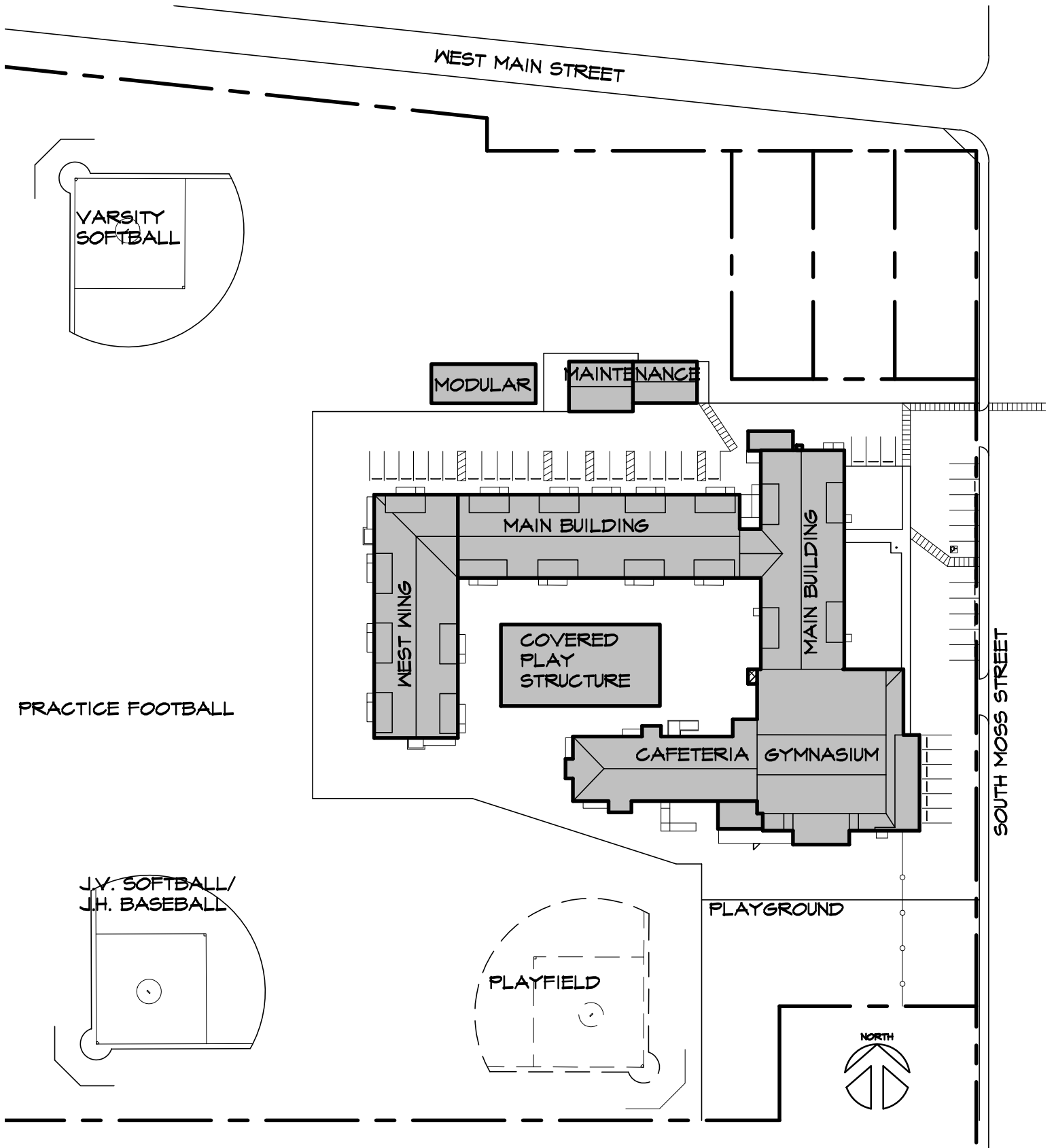


# Lowell School District

## 2016 Master Plan

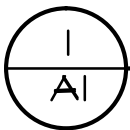
August 25, 2016

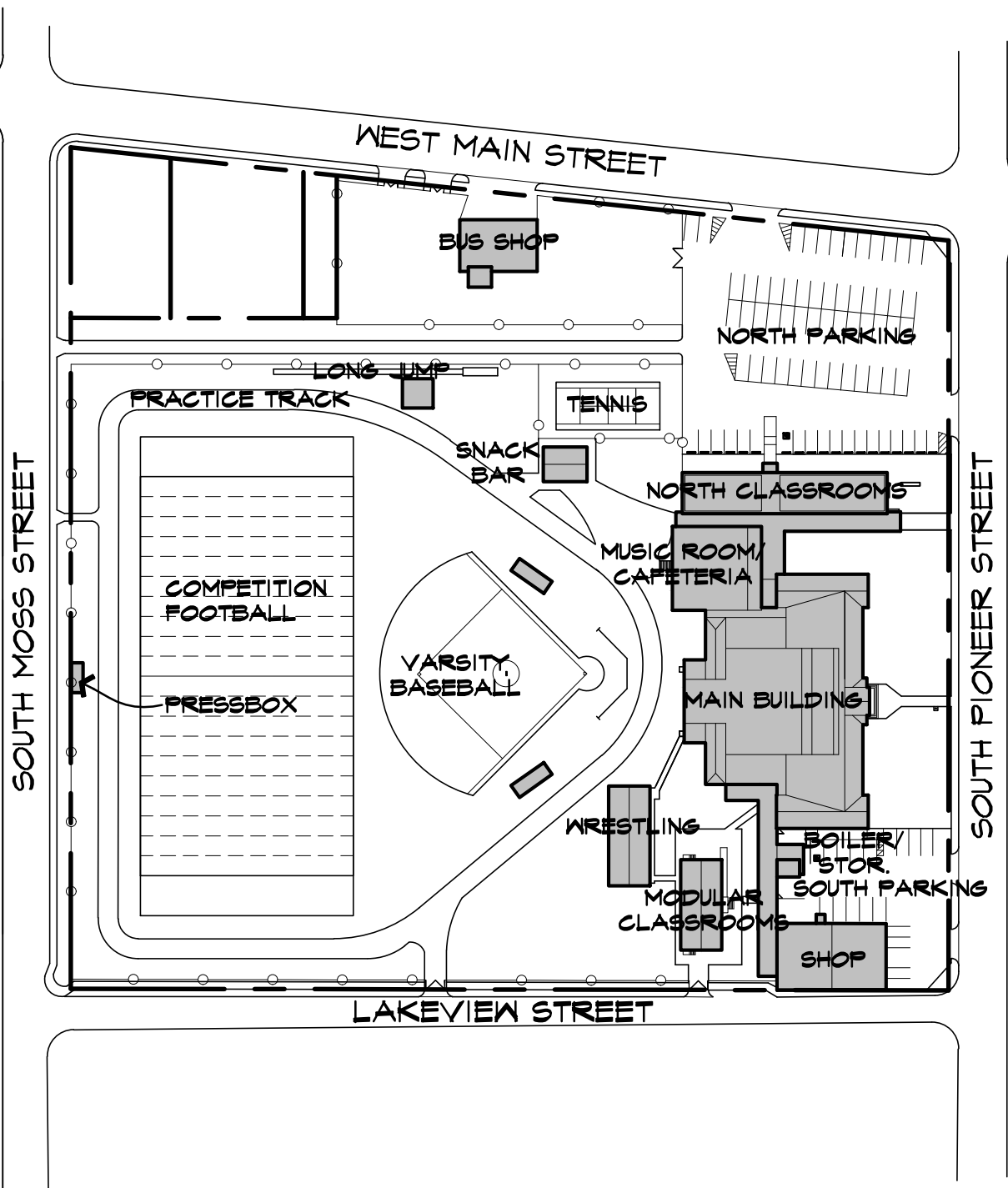




LUNDY ELEMENTARY AND MIDDLE SCHOOL  
**EXISTING SITE PLAN**

SCALE: 1" = 80'-0"





LOWELL HIGH SCHOOL  
**EXISTING SITE PLAN**

SCALE: 1" = 100'-0"

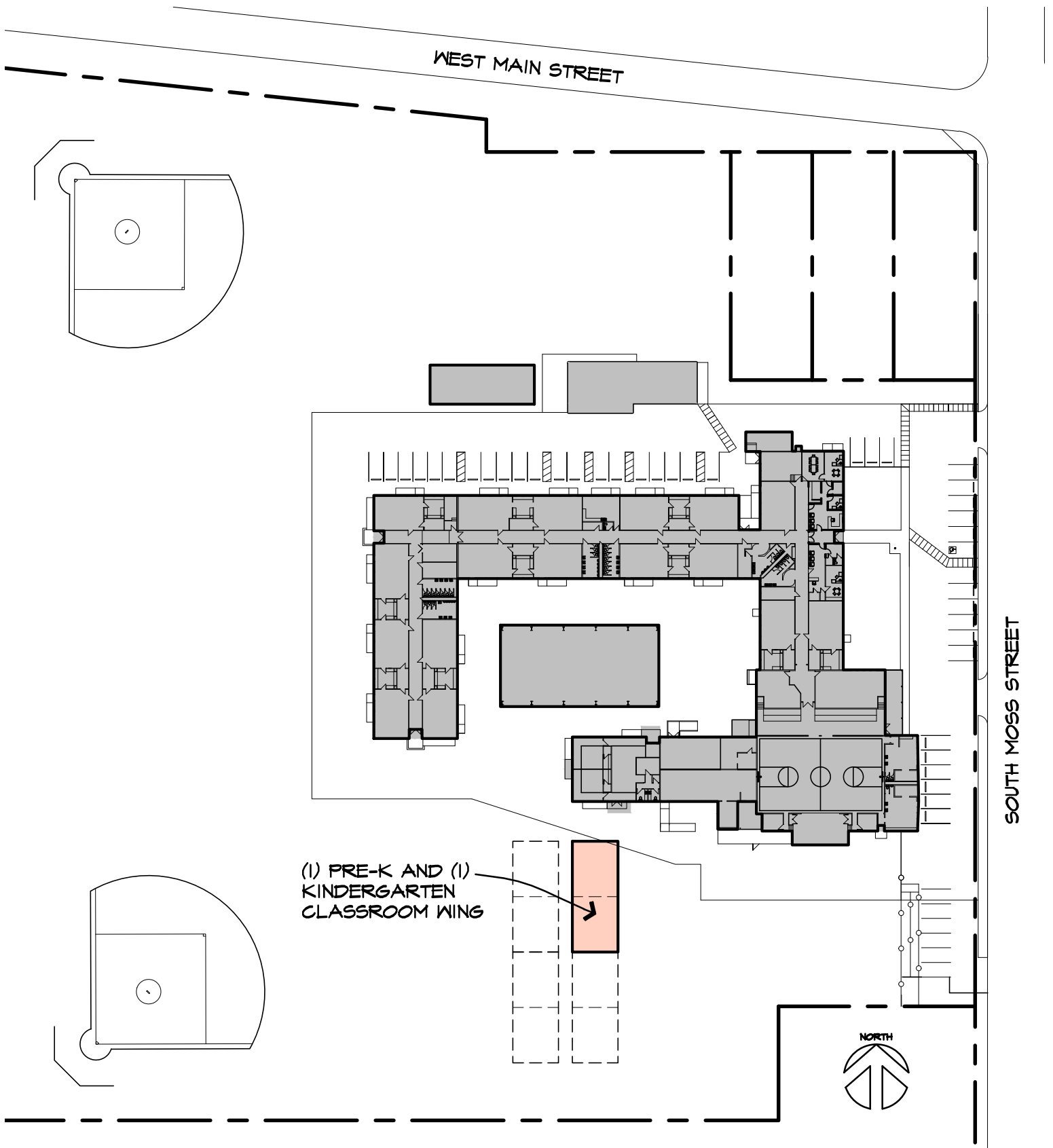
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**gLas**  
 Architects,  
 LLC

Attachment 7.2

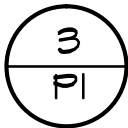




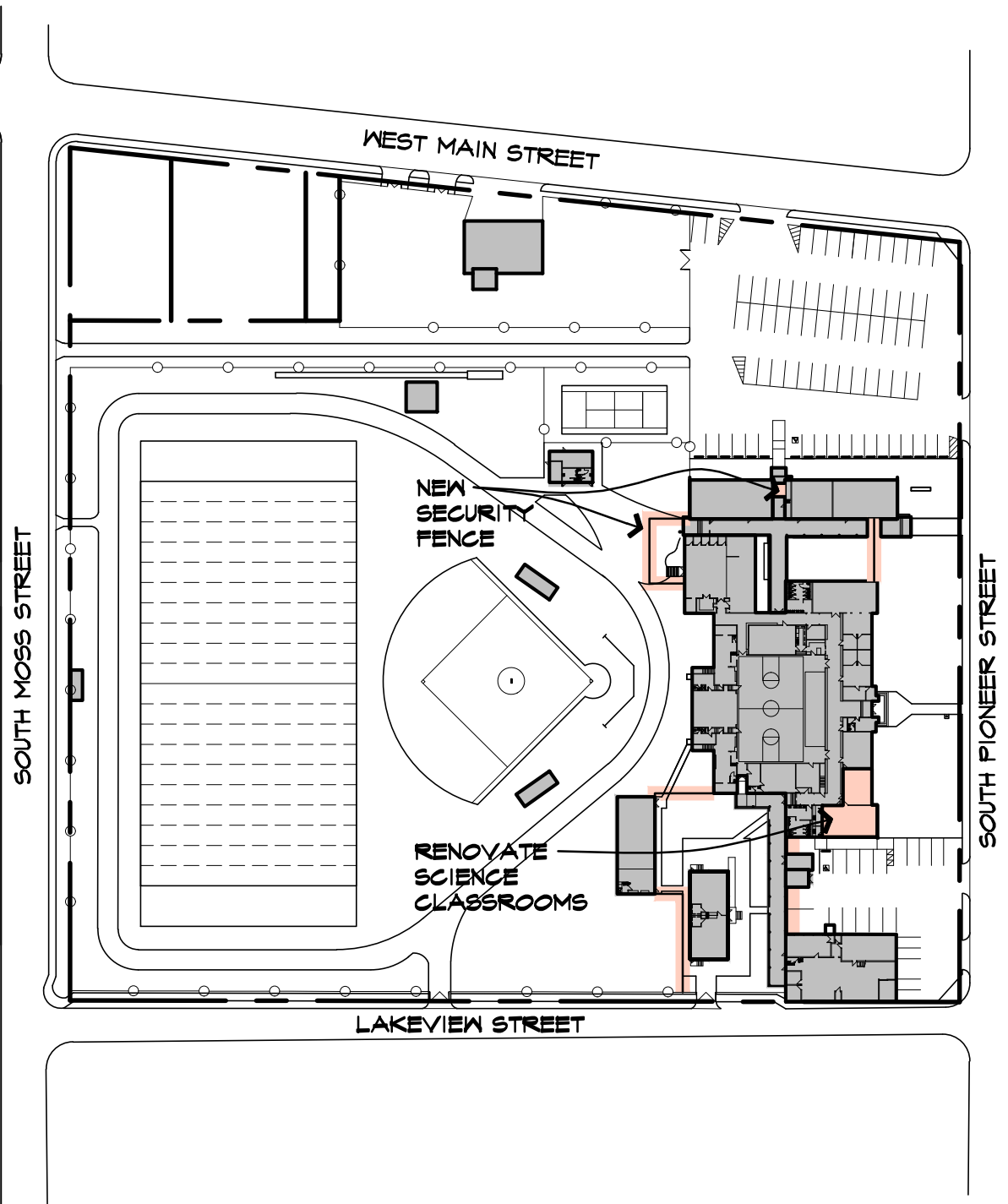
LUNDY PRE-K AND K DEVELOPMENT

# PROPOSED FLOOR PLAN - PRIORITY I

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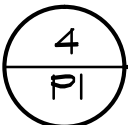




LOWELL HIGH SCHOOL

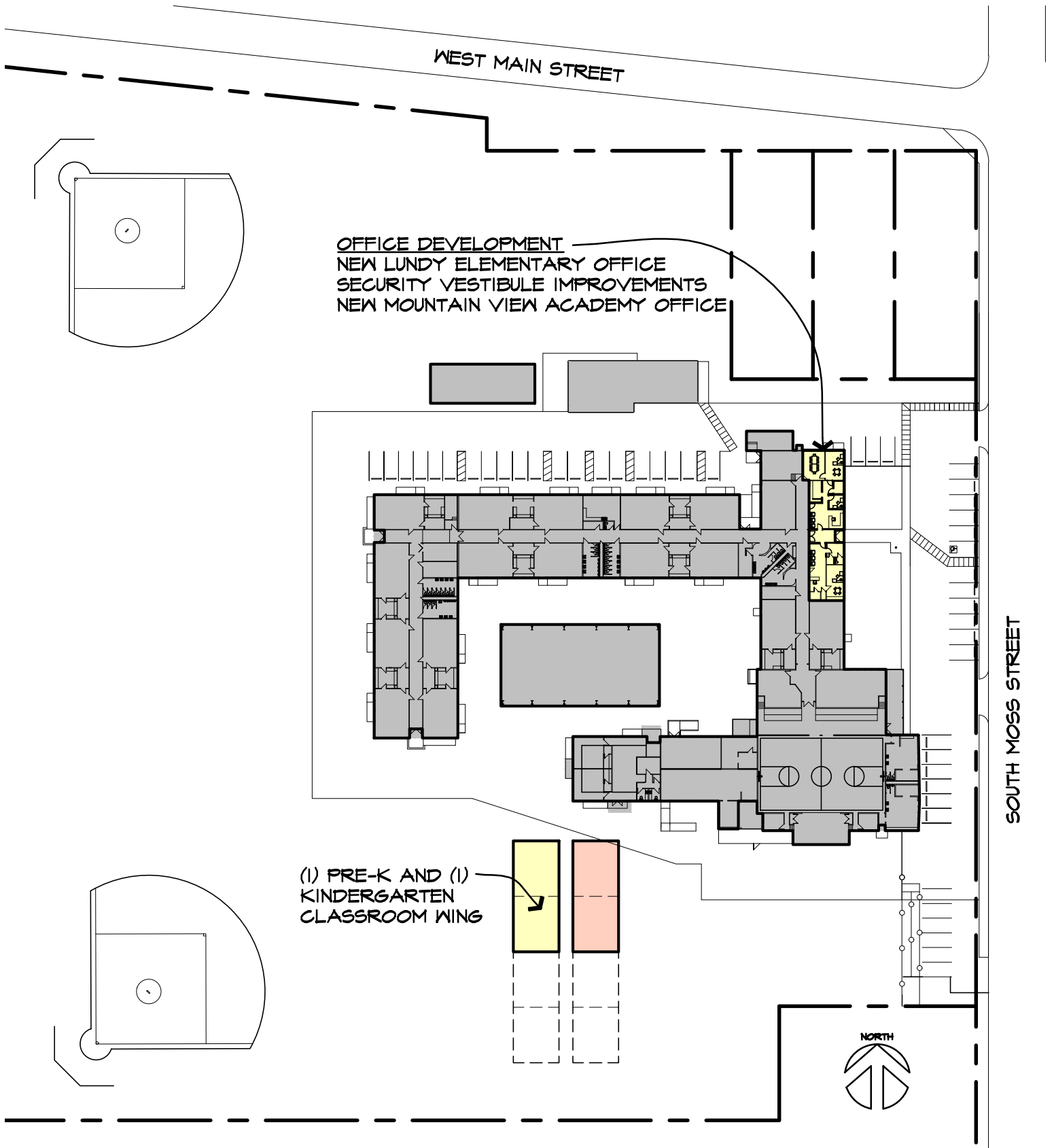
# PROPOSED FLOOR PLAN - PRIORITY I

SCALE: 1" = 100'-0"



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LLC

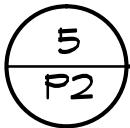
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LUNDY PRE-K AND K DEVELOPMENT

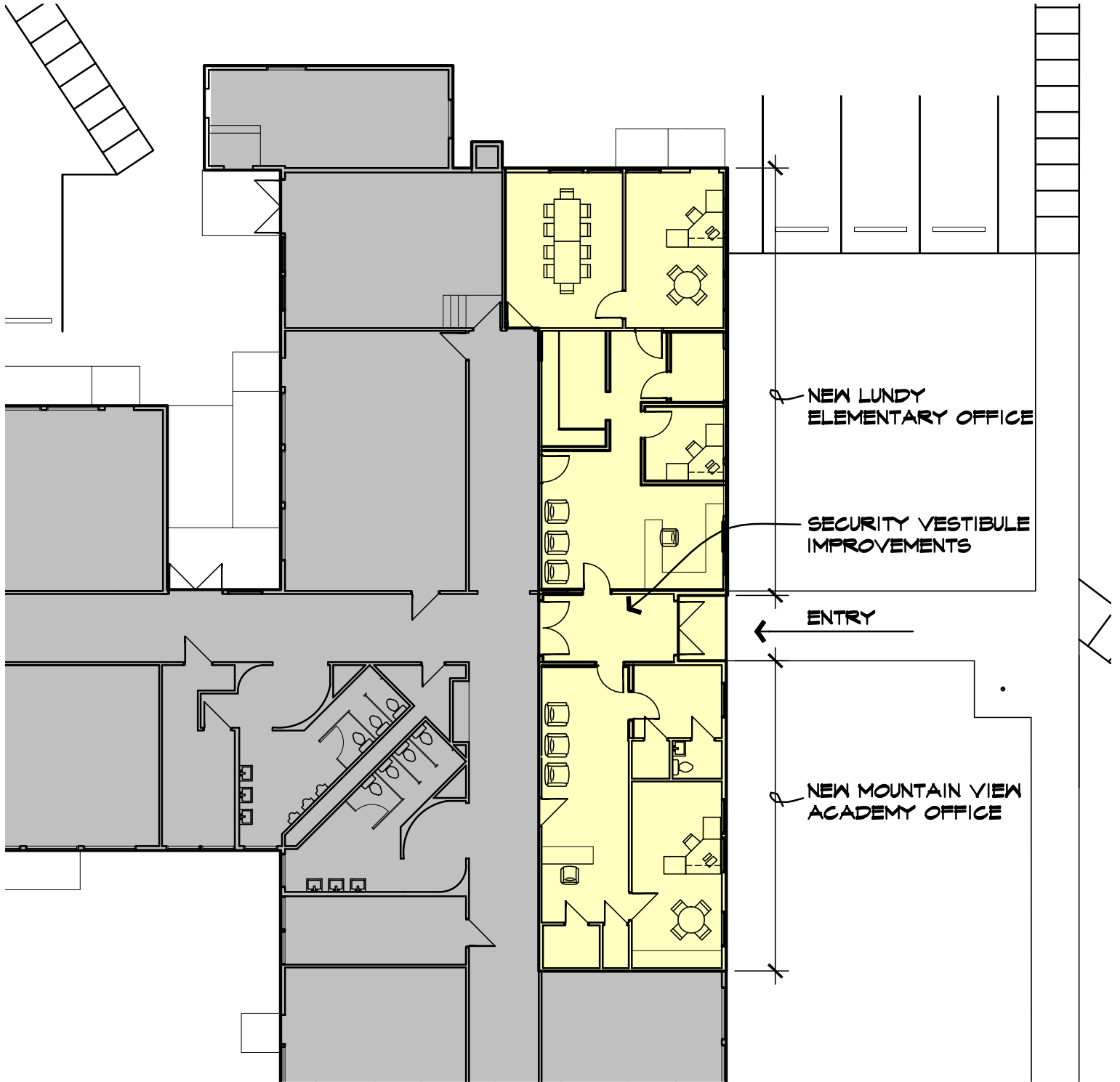
# PROPOSED FLOOR PLAN - PRIORITY 2

SCALE: 1" = 80'-0"



**gLas**  
 Architects,  
 LLC

Attachment 7.2



LUNDY PRE-K AND K DEVELOPMENT

# ENLARGED FLOOR PLAN - OFFICE DEVELOP

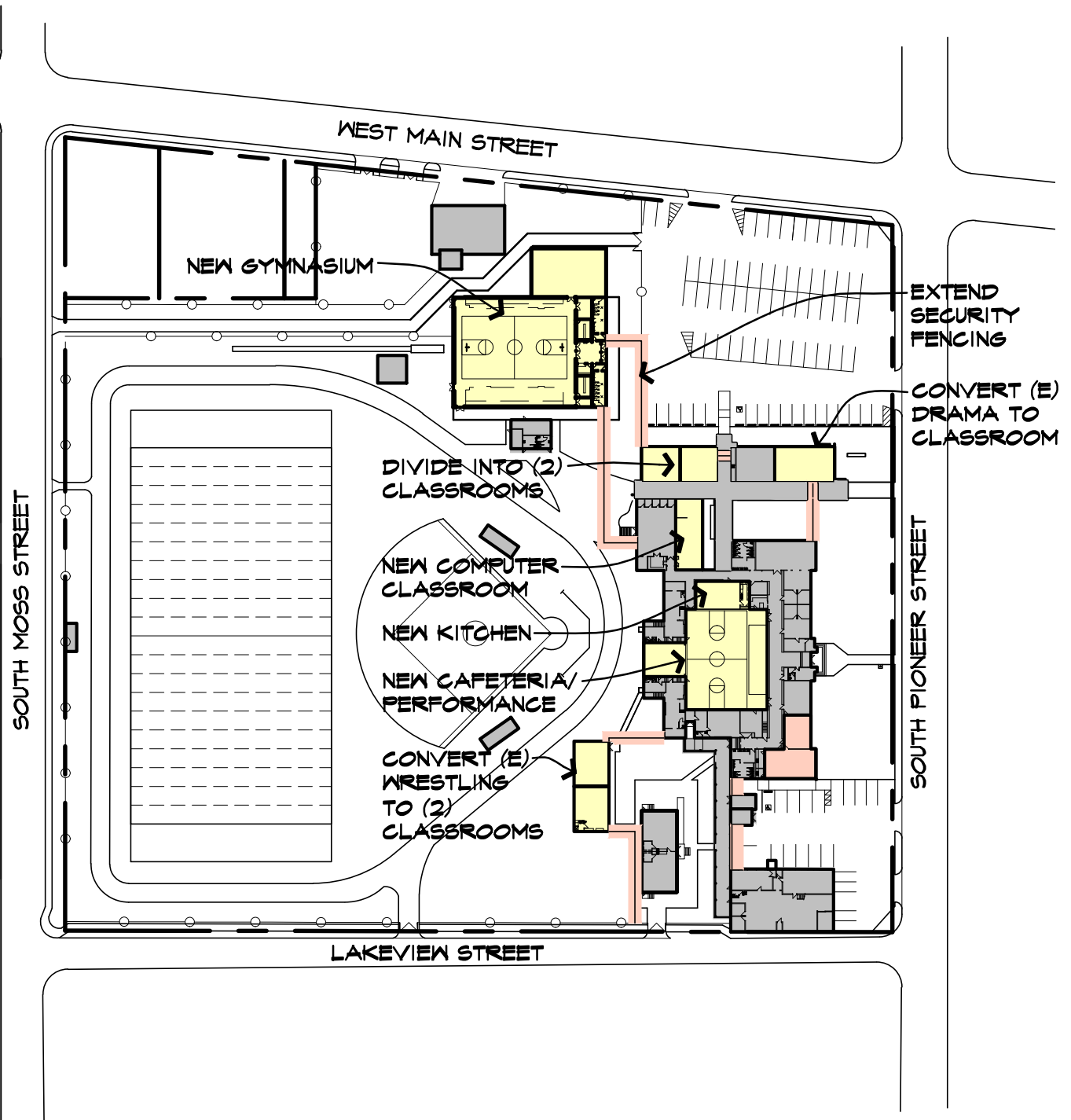
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PRIORITY 2

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LLC

Attachment 7.2

6  
P2

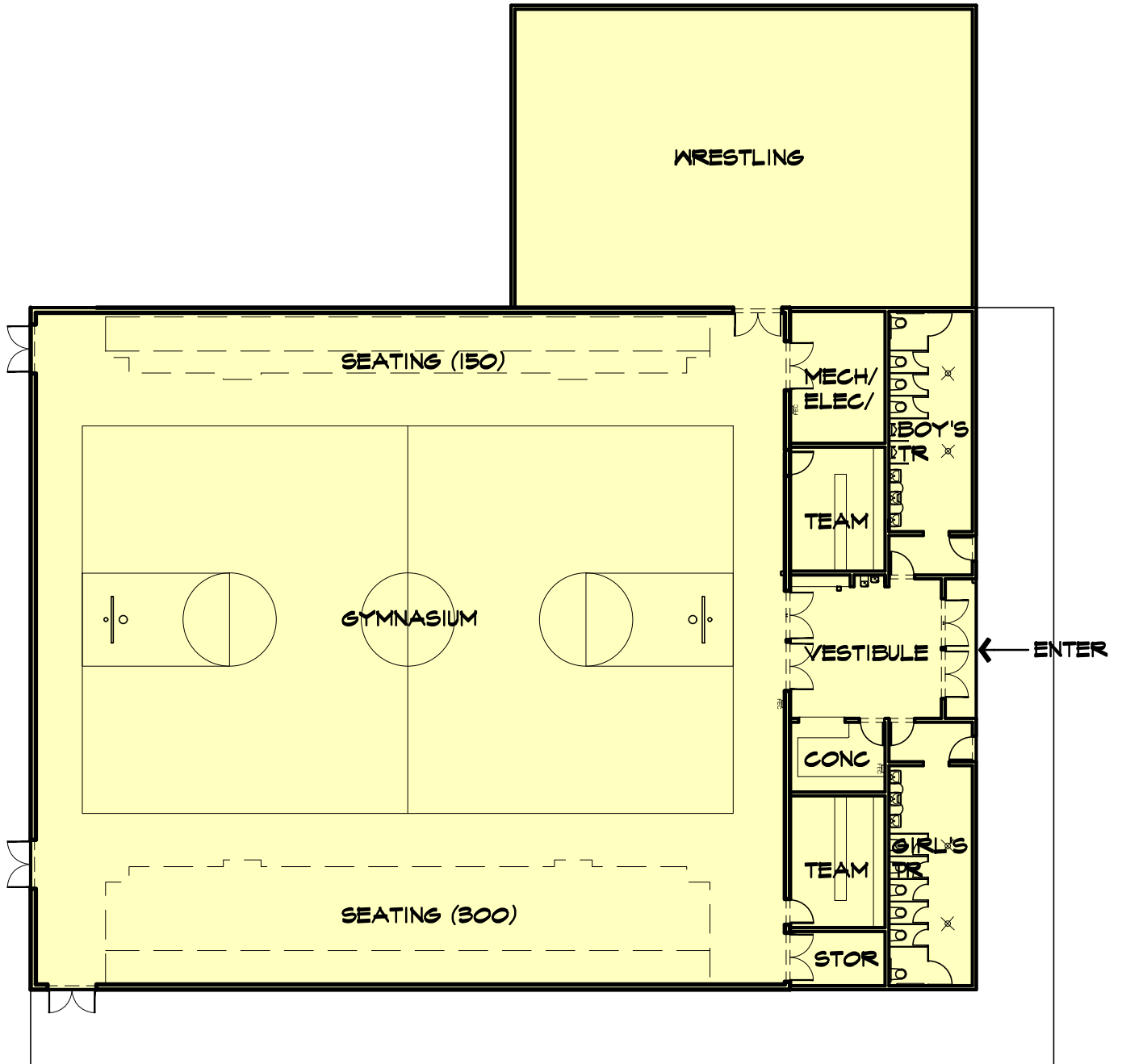


LOWELL HIGH SCHOOL

## PROPOSED FLOOR PLAN - PRIORITY 2

SCALE: 1" = 100'-0"

7  
P2



LOWELL HIGH SCHOOL

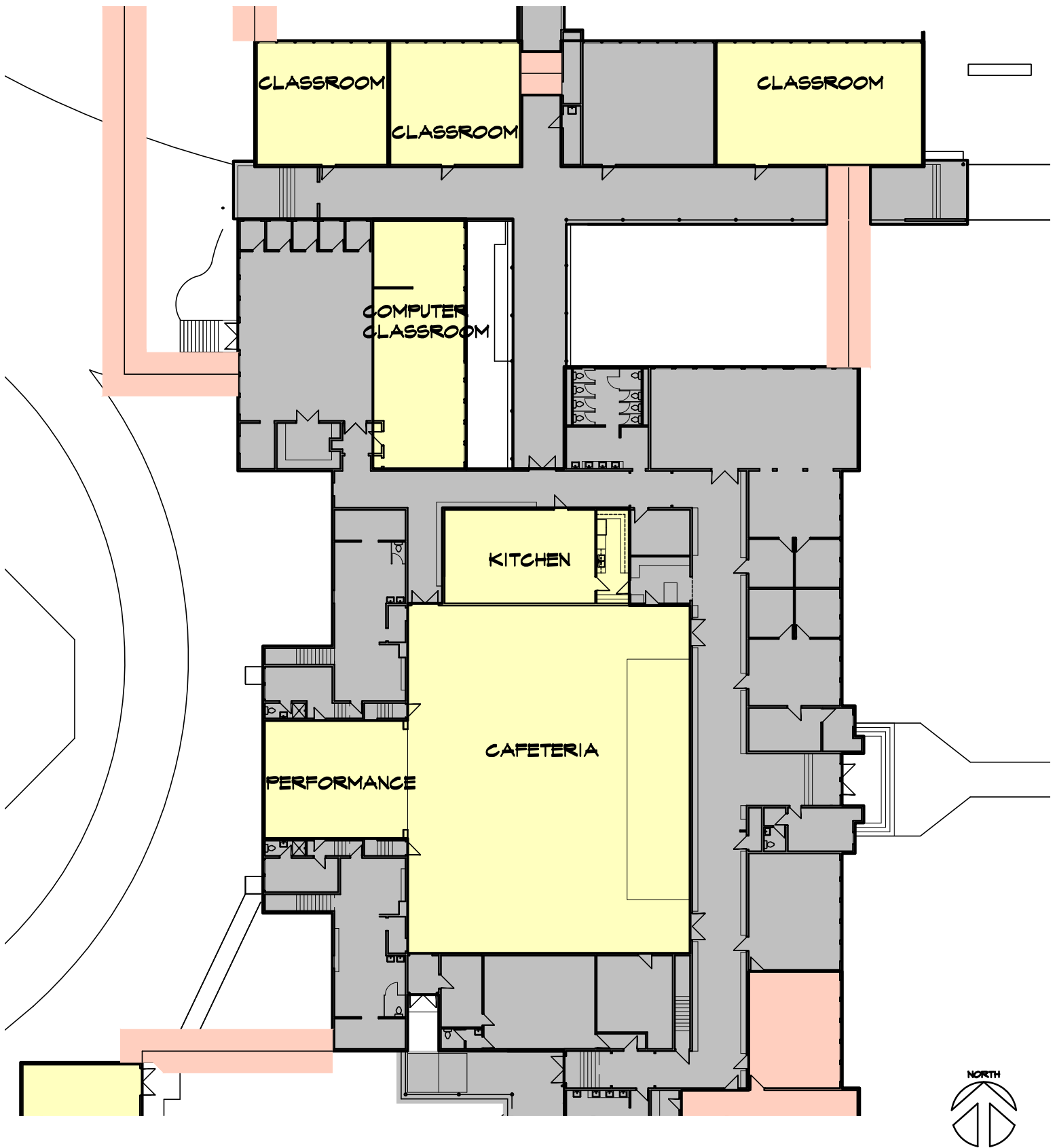
## ENLARGED FLOOR PLAN - GYMNASIUM

SCALE: 1" = 20'-0"

PRIORITY 2

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Attachment 7.2



LOWELL HIGH SCHOOL

# ENLARGED FLOOR PLAN - GYM CONVERSION

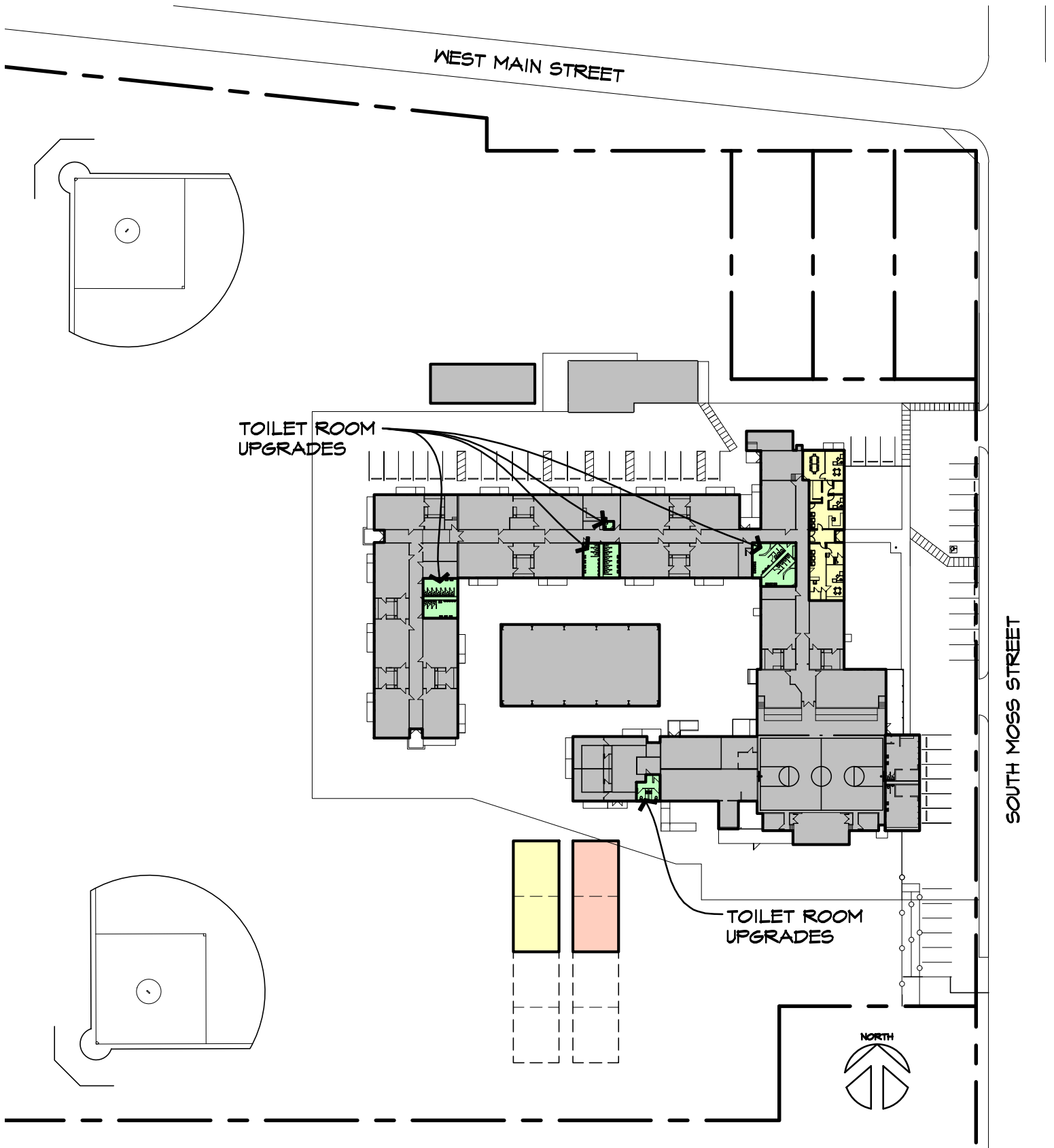
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PRIORITY 2

9  
P2

**gLas**  
Architects,  
LLC

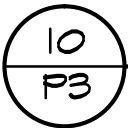
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LUNDY PRE-K AND K DEVELOPMENT

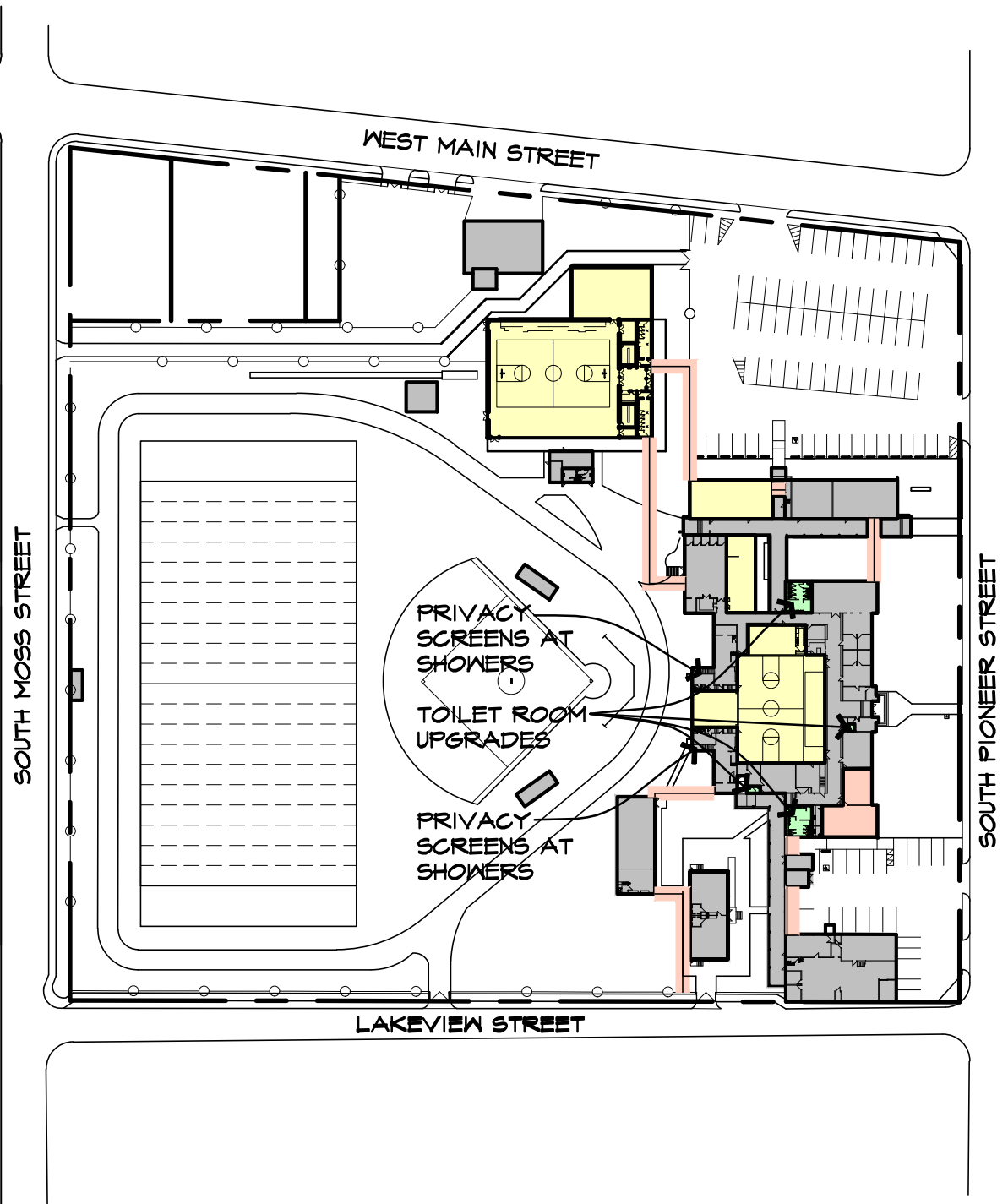
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SCALE: 1" = 80'-0"



**gLas**  
Architects,  
LLC

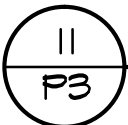
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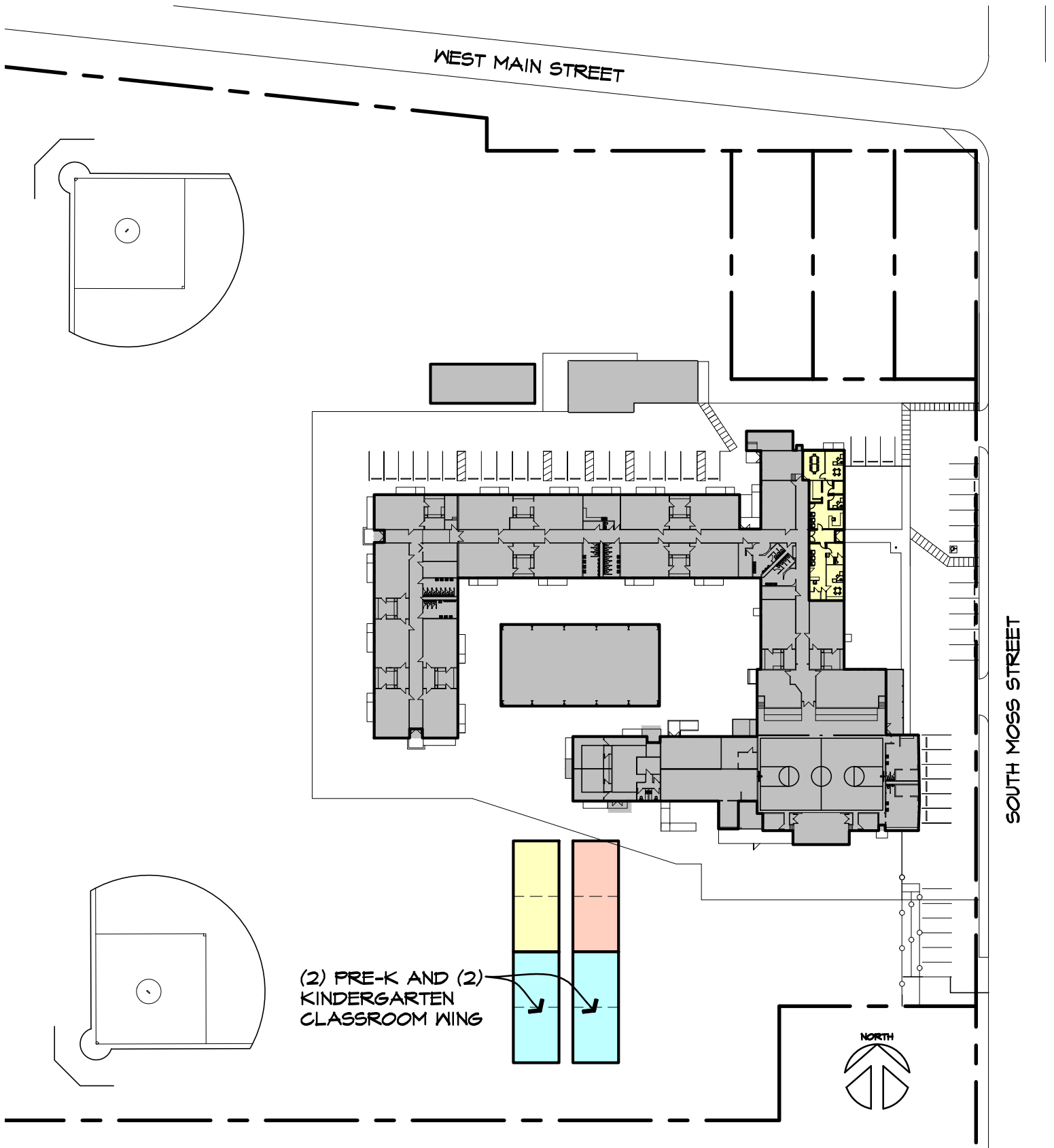
LOWELL HIGH SCHOOL

# PROPOSED FLOOR PLAN - PRIORITY 3

SCALE: 1" = 100'-0"



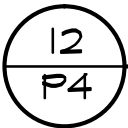


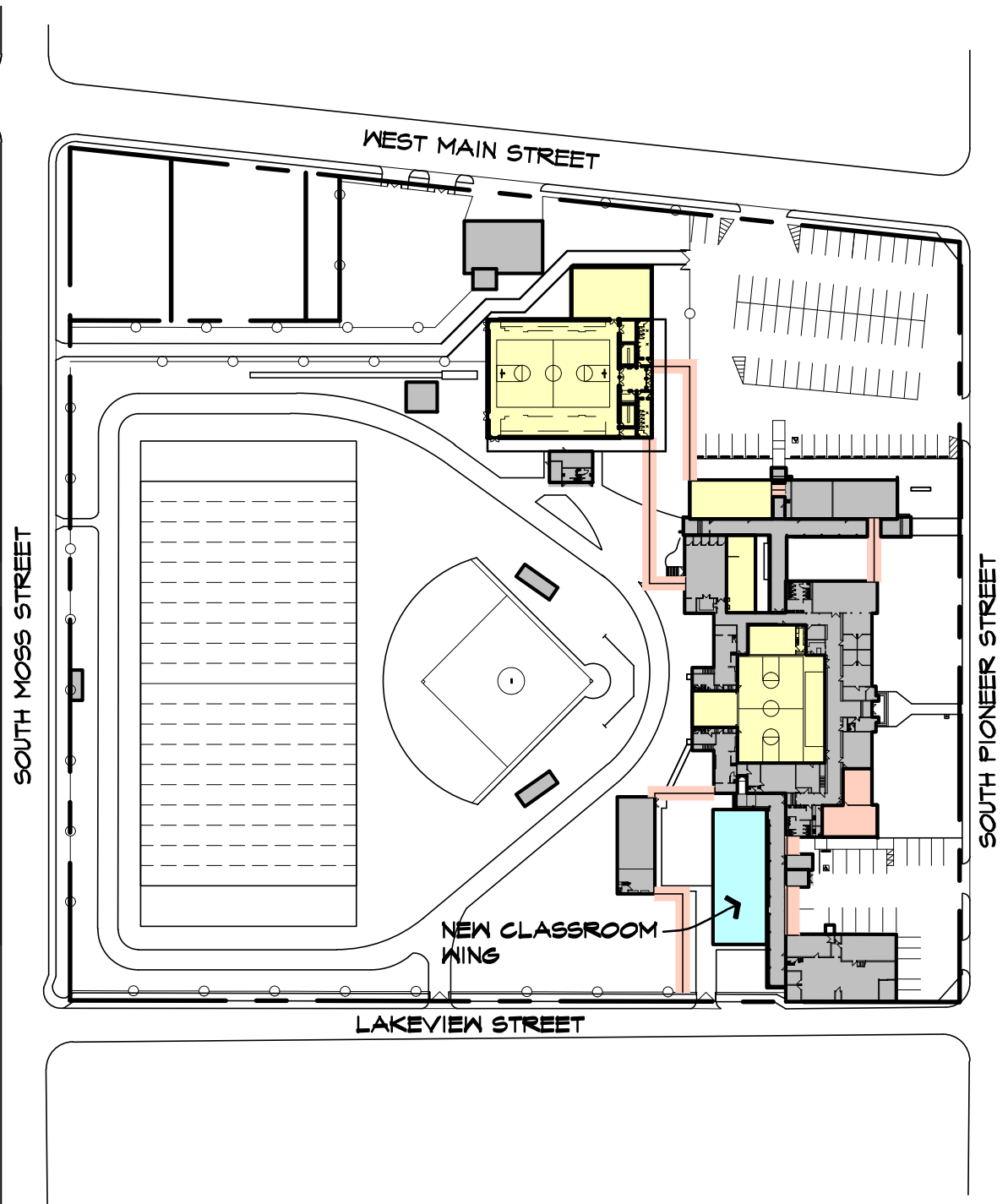


LUNDY PRE-K AND K DEVELOPMENT

# PROPOSED FLOOR PLAN - PRIORITY 4

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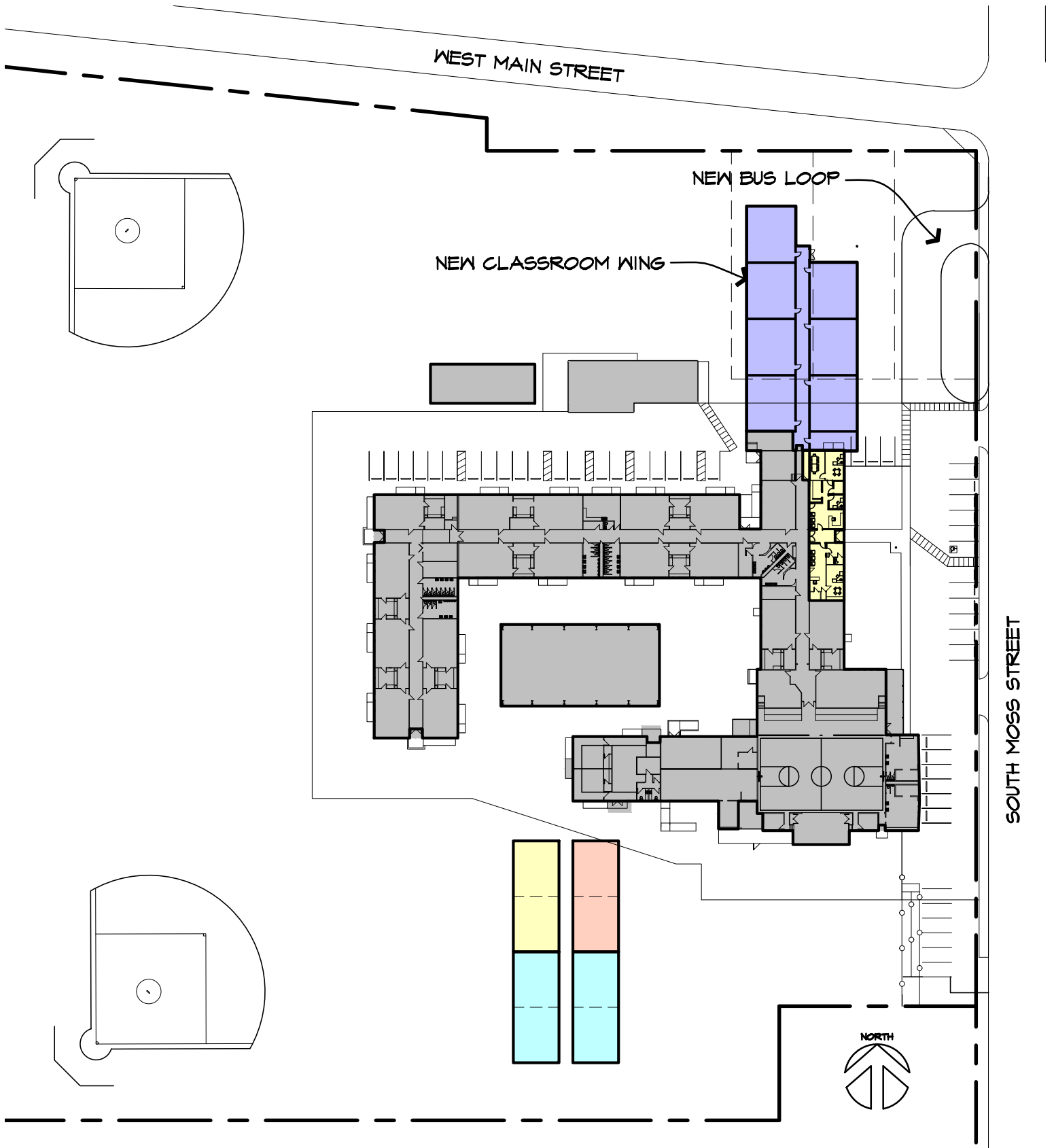
LOWELL HIGH SCHOOL

# PROPOSED FLOOR PLAN - PRIORITY 4

SCALE: 1" = 100'-0"



13  
P4



LUNDY PRE-K AND K DEVELOPMENT

# PROPOSED FLOOR PLAN - PRIORITY 5

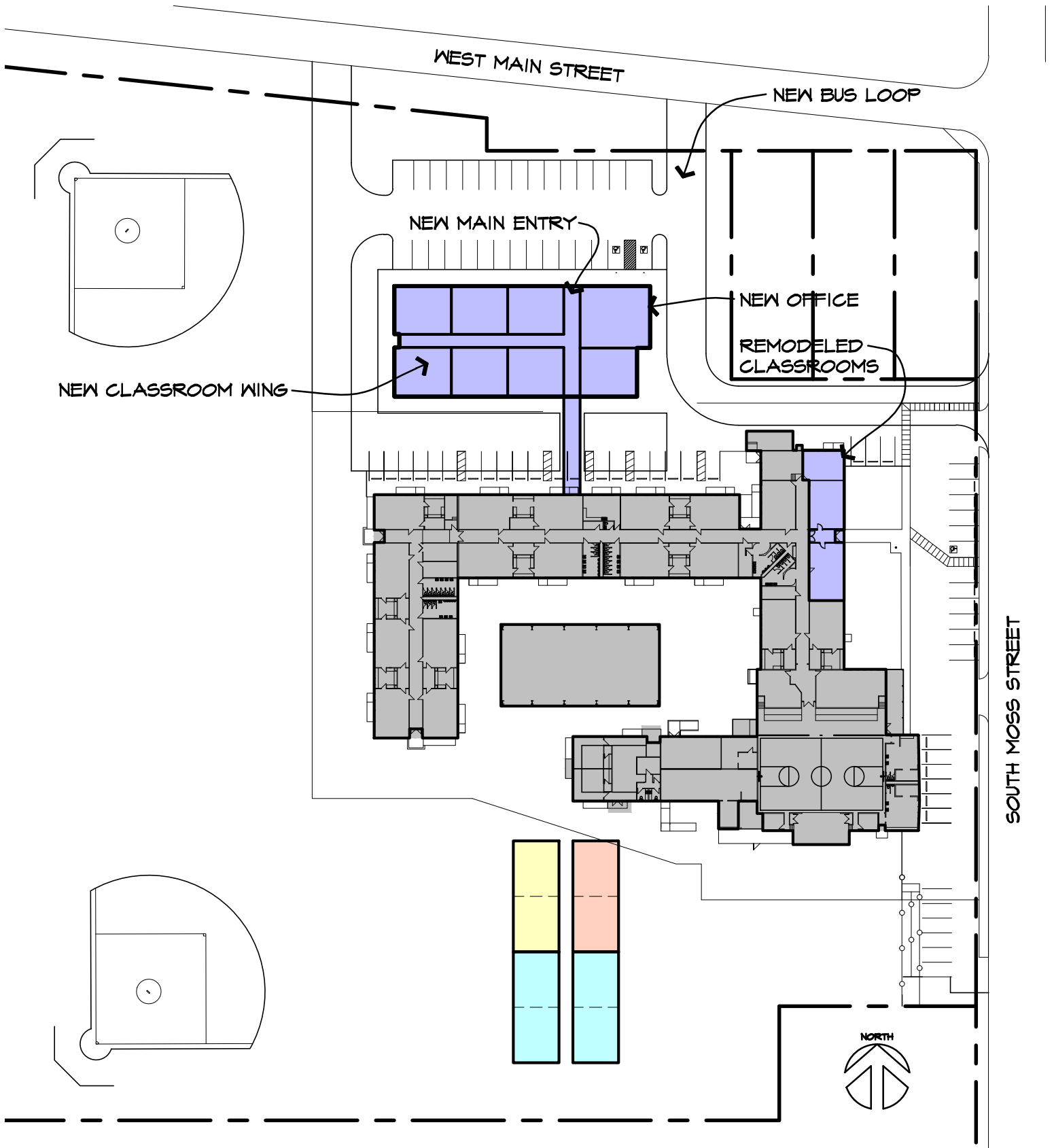
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OPTION 1

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Architects,  
LLC

Attachment 7.2





LUNDY PRE-K AND K DEVELOPMENT

# PROPOSED FLOOR PLAN - PRIORITY 5

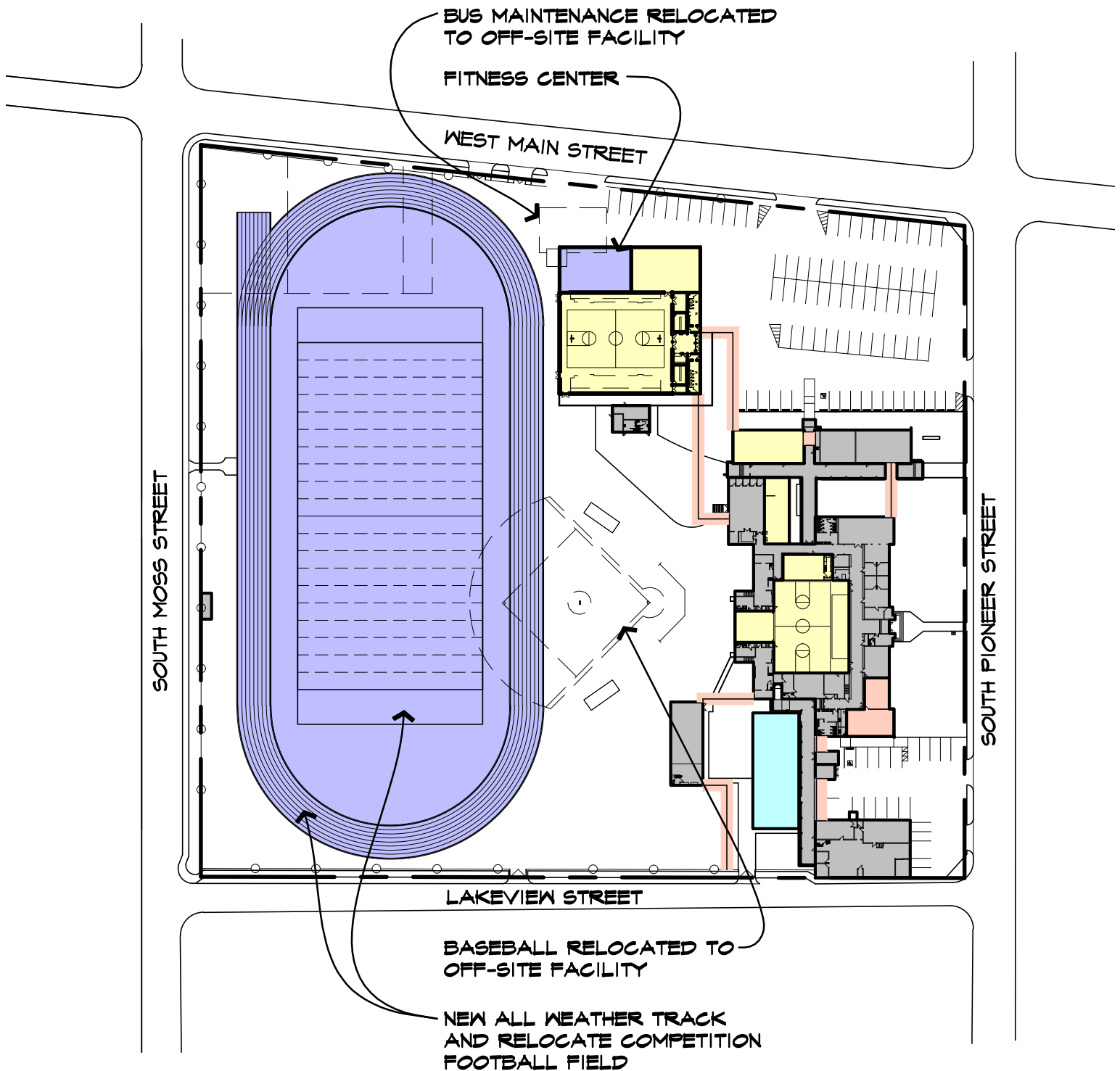
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OPTION 2

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LOWELL HIGH SCHOOL

# PROPOSED FLOOR PLAN - PRIORITY 5

SCALE: 1" = 100'-0"

16  
P5



**LOWELL SCHOOL DISTRICT**

**LUNDY ELEMENTARY SCHOOL & LOWELL HIGH SCHOOL**

**FACILITIES ASSESSMENT - DEFICIENCIES AND RECOMMENDATIONS**

ABBR:					NOTES:					
ADA = ADA Upgrades		Safety = Safety and Security	1. Needs further study. Feasible solution not identified.							
Deficient = Facility Deficiencies		Tech = Technology	2. Provide camera system with electronic door locks.							
LS = Lump Sum		Elect = Electrical Systems	3. Existing ramp is not code compliant.							
Maint = Maintenance Needs		Mech = Mechanical Systems								
No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
				<u>Priority 1</u>						
1	Lundy	ADA	1	Provide lever hardware at all doors	80	EA	500	40,000	55,200	
2	Lundy	Safety	1	Main office has no visual control of entries- upgrade existing camera system	1	LS	15,000	15,000	20,700	
3	Lundy	Safety	1	Multiple entries, building has no containment	6	EA	2,000	12,000	16,560	
4	Lundy	Maint	1	Provide new suspended ceiling and lighting in classrooms and hallway	20,000	SF	7	140,000	193,200	
5	Lundy	Maint	1	Upgrade acoustics in gym	1,440	SF	15	21,600	29,808	
6	Lundy	Maint	1	Replace all chalk boards and upgrade teaching wall - resurface other walls	20	EA	9,500	190,000	262,200	
7	Lundy	Maint	1	Remodel breakout/storage rooms	9	EA	5,000	45,000	62,100	
8	Lundy	Haz Mat	1	Box in insulation on pipes in toilet and other rooms	1	LS	5,000	5,000	6,900	
9	Lundy	Mech	1	• Complete insulation of heating water piping and components	300	LF	20	6,000	8,280	
10	Lundy	Mech	1	• Install new toilet exhaust fans for toilet rooms	5	ea	3,000	15,000	20,700	
11	Lundy	Mech	1	Add air conditioning to classrooms	18	ea	3,500	63,000	86,940	
12	Lundy	Mech	1	• Replace galvanized piping throughout building and insulate	650	LF	45	29,250	40,365	
13	Lundy	Mech	1	• Replace older fixtures with new low-flow fixtures	65	ea	300	19,500	26,910	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
14	Lundy	Elect	1	• Replace existing fluorescent surface wrap luminaires with LED type: common areas, restrooms, classrooms, Cafeteria and support areas.	1	lot	115,000	115,000	158,700	
15	Lundy	Elect	1	• Replace existing fluorescent surface wrap luminaires with lensed/gasketed food service LED type – Kitchen area.	1	lot	3,000	3,000	4,140	
16	Lundy	Elect	1	• Replace all luminaires in Locker Rooms with new impact-resistant surface mount lensed wraps, LED type.	1	lot	5,000	5,000	6,900	
17	Lundy	Elect	1	• Provide local occupancy sensor control to occupied rooms and support spaces.	1	lot	38,000	38,000	52,440	
18	Lundy	Elect	1	• Provide occupancy sensor controls at Gym.	1	lot	10,000	10,000	13,800	
19	Lundy	Elect	1	• Replace select fixtures in corridor egress paths and at gym with local battery pack ballast with 90-minute backup in order to illuminate egress paths with minimum code required footcandle levels. Provide constant-hot charging branch circuit.	1	lot	18,000	18,000	24,840	
20	Lundy	Elect	1	• Removal of old fire alarm system pull station devices and bells. Provide new manual fire alarm/sprinkler monitoring and alarm system with voice evacuation/alarm communication and visual strobe notification	1	lot	75,000	75,000	103,500	
21	Lundy	Elect	1	• Provide A/V media equipment at each classroom, and permanent conduit and junction box provisions for installation of ceiling projectors, media connectivity at the teacher's station, and speakers.	21	lot	5,000	105,000	144,900	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
22	Lundy	Elect	1	• Replace horizontal copper cabling and upgrade to CAT 6. Provide 2 drops in ceiling for projector and future wireless access points, and 4 drops low in the wall for general use.	1	lot	25,000	25,000	34,500	
23	Lundy	Elect	1	• Provide new floor-standing rack system and patch panel connectivity for interconnection of active equipment to horizontal copper cabling.	1	lot	12,000	12,000	16,560	
24	Lundy	Elect	1	• Demolish/remove old clock/speaker system and cabling. Raceways are to remain to serve new systems.	1	lot	10,000	10,000	13,800	
25	Lundy	Elect	1	• Provide new intercom/bell/clock system and speakers, compatible with the new school phone system. Intercom system shall be capable of networking with school network and interfacing with server software applications.	1	lot	45,000	45,000	62,100	
26	Lowell HS Main Bldg	Safety	1	Gym west exit ramp is too steep and it is the only ADA access to the west classrooms without circling the school	1	LS	32,000	32,000	44,160	
27	Lowel HS Main Bldg	ADA	1	Girls locker room lacks ADA water closet stall like boys	1	LS	2,200	2,200	3,036	
28	Lowel HS Main Bldg	ADA	1	No wheelchair access to stage	1	LS	35,000	35,000	48,300	
29	Lowel HS Main Bldg	Safety	1	Second exit is needed from lunch room and room is undersized	1	LS	11,400	11,400	15,732	Re-route
30	Lowel HS Main Bldg	ADA	1	Lack of lever hardware on doors	55	EA	500	27,500	37,950	
31	Lowel HS Main Bldg	Haz Mat	1	Replace asbestos floor tile 9130 sf	9,130	SF	12	109,560	151,193	
32	Lowel HS Main Bldg	Maint	1	Replace gym wood flooring	1	LS	76,700	76,700	105,846	
33	Lowel HS Main Bldg	Deficient	1	Replace chalk boards with marker boards, upgrade teaching walls and replace wall finishes	10	EA	1,600	16,000	22,080	



No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
34	Lowel HS Main Bldg	Maint	1	Replace library carpet.	1,100	SF	6	6,600	9,108	
35	Lowel HS Main Bldg	Maint	1	New stage lighting and sound	1	LS	60,000	60,000	82,800	
36	Lowel HS Main Bldg	Security	1	Main office has no visual control of entries - provide camera system	1	LS	45,000	45,000	62,100	Camera System
37	Lowel HS Main Bldg	Security	1	Site access is not controlled	1	LS	50,000	50,000	69,000	Fence & Gates
38	Lowel HS Main Bldg	Maint	1	Redo hallway walls	1	LS	8,000	8,000	11,040	
39	Lowel HS Main Bldg	Maint	1	Science classrooms need updating and new cabinets - reconfigure science classrooms.	1	LS	90,000	90,000	124,200	
40	Lowel HS Main Bldg	Maint	1	Upgrade fume hood in science lab room	1	LS	8,000	8,000	11,040	
41	Lowell HS East Bldg	Haz Mat	1	Replace asbestos floor tile 4000 sf	4,000	SF	12	48,000	66,240	
42	Lowell HS Shop Bldg	ADA	1	Only wheelchair access is through overhead doors	1	LS	3,300	3,300	4,554	
43	Lowell HS Shop Bldg	Maint	1	Replace ceiling in northeast classroom	550	SF	10	5,500	7,590	
44	Lowell HS Shop Bldg	Maint	1	Repair CMU in paint booth	1	LS	1,000	1,000	1,380	
45	Lowell HS Shop Bldg	Haz Mat	1	Replace asbestos floor tile 1400 sf	1,400	SF	12	16,800	23,184	
46	Lowell HS Shop Bldg	Safety	1	Repair CMU chimney and hole in wall	1	LS	1,000	1,000	1,380	
47	Lowell HS Parking Lot	ADA	1	Disabled parking needs updating	1	LS	1,500	1,500	2,070	
48	Lowell HS Campus Wide	Deficient	1	Update classroom door signage	1	LS	1,000	1,000	1,380	
49	Lowell HS Campus Wide	Maint	1	Replace canopy roofing with single ply	1,200	SF	8	9,600	13,248	
50	Lowell HS	Safety	1	Add door at end of hallway	1	EA	5,000	5,000	6,900	
51	Lowell HS Wrestling	Haz Mat	1	Replace asbestos floor tile 54 sf. Check rest of room	54	SF	12	648	894	
52	Lowell HS Shop Bldg	Maint	1	Check age of shop roof	4,100	SF	8	32,800	45,264	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
53	Lowell HS	Deficient	1	• Replace select fixtures in corridor egress paths and at gym with local battery pack ballast with 90-minute backup in order to illuminate egress paths with minimum code required footcandle levels. Provide constant-hot charging branch circuit.	1	lot	18,000	18,000	24,840	
54	Lowell HS	Mech	1	• Replace boiler flue vent piping in boiler room	2	ea	1,800	3,600	4,968	
55	Lowell HS	Mech	1	• Replace steam condensate piping and insulate	500	LF	55	27,500	37,950	
56	Lowell HS	Mech	1	• Insulate bare piping in Basement and elsewhere	200	LF	20	4,000	5,520	
57	Lowell HS	Mech	1	• Replace fan coil units in Gym and Band Rooms	2	ea	15,000	30,000	41,400	
58	Lowell HS	Mech	1	• Seismically anchor rooftop condensing units	4	ea	500	2,000	2,760	
59	Lowell HS	Mech	1	• Replace all vintage exhaust fans with new fans	3	ea	3,000	9,000	12,420	
60	Lowell HS	Mech	1	Add air conditioning to classrooms	7	ea	3,500	24,500	33,810	
61	Lowell HS	Mech	1	• Replace all remaining galvanized water distribution piping	850	LF	45	38,250	52,785	
62	Lowell HS	Mech	1	• Replace older fixtures with new low flow fixtures	43	ea	300	12,900	17,802	
63	Lowell HS	Mech	1	• Install emergency backup sump pump	1	ea	5,000	5,000	6,900	
64	Lowell HS	Elect	1	• Concessions Building: Provide new LED linear wraps at restrooms and concessions stand, and LED cutoff wall packs on exterior walls.	1	lot	5,000	5,000	6,900	
65	Lowell HS	Elect	1	• Replace existing fluorescent surface wrap luminaires with LED type - common areas, restrooms, classrooms, stage and support areas	1	lot	50,000	50,000	69,000	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
66	Lowell HS	Elect	1	• Replace existing fluorescent linear pendant luminaires with LED type – library, classrooms, and support areas where occurring.	1	lot	30,000	30,000	41,400	
67	Lowell HS	Elect	1	• Remove old fire alarm system pull station devices and sirens. Provide new manual fire alarm/sprinkler monitoring and alarm system with voice evac/alarm communication and visual strobe notification.	1	lot	75,000	75,000	103,500	
68	Lowell HS	Elect	1	• Provide fiber cabling upgrade, to replace underground fiber link running from elementary school to high school. Provide 12MM/12SM outside plant fiber cabling, as specified by the District.	1	lot	15,000	15,000	20,700	
69	Lowell HS	Elect	1	• Provide A/V media equipment at each classroom, and permanent conduit and junction box provisions for installation of ceiling projectors, media connectivity at the teacher's station, and speakers.	10	lot	5,000	50,000	69,000	
70	Lowell HS	Elect	1	• Provide A/V media equipment at stage/gym, and permanent conduit and junction box provisions for installation of ceiling projector, media and microphone connectivity at the stage, and speakers. Remove abandoned antique A/V equipment.	1	lot	20,000	20,000	27,600	
71	Lowell HS	Elect	1	• Demolish/remove old clock/speaker system and cabling. Raceways are to remain to serve new systems.	1	lot	10,000	10,000	13,800	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
72	Lowell HS	Elect	1	• Provide new intercom/bell/clock system and speakers, compatible with the new school phone system. Intercom system shall be capable of networking with school network and interfacing with server software applications.	1	lot	45,000	45,000	62,100	
73	Lowell HS	Elect	1	• Provide magnetic door locks for exterior doors, centrally controlled from the office.	15	lot	2,000	30,000	41,400	
74	Lowell HS	Elect	1	• Replace horizontal copper cabling and upgrade to CAT 6. Provide 2 drops in ceiling for projector and future wireless access points, and 4 drops low in the wall for general use.	1	lot	20,000	20,000	27,600	
75				<b>Priority 1 Cost</b>				<b>\$2,291,208</b>	<b>\$3,161,867</b>	
76	Lundy	Safety	1	Alt 1 Replace all doors and frames	1	LS	230,000	230,000	317,400	
77	Lowell HS	Safety	1	Alt 1 Replace all doors and frames	1	LS	110,000	110,000	151,800	
78				<b>Priority 1 Cost Including Alternate</b>				<b>\$2,631,208</b>	<b>\$3,631,067</b>	
79										
80				<b>Priority 2</b>						
81	Lundy	Deficient	2	New modular for Pre-K and K - (2) classroom modular	1	LS	160,000	\$160,000	\$220,800	
82	Lundy	Deficient	2	Relocated offices, enlarge charter school office	2,000	sf	150	300,000	414,000	
83	Lowell HS Campus Wide	Deficient	2	New gym building with support facilities	10,000	SF	275	2,750,000	3,795,000	
84	Lowell HS Wrestling	Deficient	2	Add Wrestling room	1,835	sf	250	458,750	633,075	
85	Lowell HS Main Bldg	Deficient	2	Move cafeteria into multi-purpose room, relocated kitchen to adjacent space, refigure to add classroom	1	LS	30,000	30,000	41,400	
86				<b>Priority 2 Subtotal</b>				<b>\$3,698,750</b>	<b>\$5,104,275</b>	
87	Lowell HS Main Bldg	Safety	2	Second exit is needed from lunch room and room is undersized	1	LS	-11,400	-11,400	-15,732	Re-route

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
88	Lowell HS Main Bldg	Deficient	2	Replace gym wood flooring with sheet flooring in lieu of wood flooring	1	LS	-66,400	-66,400	-91,632	
89				<b>Priority 2 Total Cost</b>				<b>\$3,620,950</b>	<b>4,996,911</b>	
90										
91				<b>Priority 3</b>						
92	Lundy	ADA	3	Upgrade charter school student toilet rooms to ADA	1	LS	8,000	8,000	11,040	
93	Lundy	Maint	3	Upgrade finishes in (6) student toilet rooms.	6	EA	25,000	150,000	207,000	
94	Lowel HS Main Bldg	Maint	3	Restrooms need updated finish	2	EA	25,000	50,000	69,000	
95	Lowel HS Main Bldg	ADA	3	Staff toilet room needs updating and is not accessible	1	LS	25,000	25,000	34,500	
96				<b>Priority 3 Total Cost</b>				<b>\$233,000</b>	<b>\$321,540</b>	
97										
98				<b>Priority 4</b>						
99	Lundy	Maint	4	Provide new ceiling in gym	5,000	SF	7	35,000	48,300	
100	Lundy	Deficient	4	Additional 2 classroom modular	1	LS	160,000	160,000	220,800	
101	Lundy	Mech	4	• Remove the water-to-water heat exchanger if not in use, or insulate	1	ea	1,000	1,000	1,380	
102	Lundy	Elect	4	• Main Switchboard: Test distribution circuit breakers by current injection method and replace failed as needed. Torque check of feeder terminations. Test (Megger) feeder conductors to panelboards. Visually inspect internal bussing for signs of corrosion. De-energize and clean interior of dust and debris. Check supply houses for circuit breaker and hardware availability.	1	lot	15,000	15,000	20,700	
103	Lundy	Elect	4	• Replace all branch panels with new panelboards.	1	lot	60,000	60,000	82,800	
104	Lundy	Elect	4	• Replace old flush lighting load centers with new.	1	lot	15,000	15,000	20,700	
105	Lowell HS Wrestling	Maint	4	Toilet room needs updating	1	LS	25,000	25,000	34,500	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
106	Lowell HS Wrestling	Safety	4	Door landing outside of main door to building is too small per code	1	LS	1,500	1,500	2,070	
107	Lowell HS Campus Wide	Deficient	4	Demo wrestling bldg and modular construct new classroom wing	4,600	SF	300	1,380,000	1,904,400	
108	Lowell HS	Deficient	4	• Main Service equipment: Provide new metered service, free-standing 3-phase switchboard, sized to backfeed the multiple 1-phase services and the 3-phase service at the shop, and to accommodate future potential growth.	1	lot	100,000	100,000	138,000	
109	Lowell HS	Deficient	4	• Replace all branch panels and former service panels with new panelboards.	1	lot	75,000	75,000	103,500	
110	Lowell HS	Deficient	4	• Replace existing exterior canopy fixtures with LED type.	1	lot	11,000	11,000	15,180	
111	Lowell HS	Deficient	4	• Replace existing incandescent ceramic base fixtures in basement with lensed impact resistant LED wraps.	1	lot	5,000	5,000	6,900	
112	Lowell HS	Deficient	4	• Replace all luminaires in locker rooms with new impact resistant surface mount lensed wraps, LED type.	1	lot	8,000	8,000	11,040	
113	Lowell HS	Deficient	4	• Provide local occupancy sensor control to occupied rooms and support spaces.	1	lot	34,000	34,000	46,920	
114	Lowell HS	Deficient	4	• Provide occupancy sensor controls at gym.	1	lot	10,000	10,000	13,800	
115	Lowell HS	Deficient	4	• Provide astronomical time clock controls for corridors and common areas, and exterior lighting.	1	lot	20,000	20,000	27,600	
116	Lowell HS	Deficient	4	• Provide new floor-standing rack system and patch panel connectivity for interconnection of active equipment to horizontal copper cabling.	1	lot	12,000	12,000	16,560	
117	Lowell HS Main Bldg	Deficient	4	Access to modular building not covered	1	LS	20,000	20,000	27,600	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
118	Lowel HS Main Bldg	Safety	4	Add handrails at laundry stair	1	LS	2,000	2,000	2,760	
119	Lowell HS Shop Bldg	Maint	4	Toilet room and handsink need update	1	LS	25,000	25,000	34,500	
120	Lowell HS Shop Bldg	Safety	4	Remove concrete roof overhang	1	LS	6,000	6,000	8,280	
121	Lowell HS Modular	Maint	4	Replace failing concrete walk	2,000	SF	6	12,000	16,560	
122				<b>Priority 4 Total Cost</b>				<b>\$2,032,500</b>	<b>\$2,804,850</b>	
123										
124				<b>Priority 5</b>						
125	Lundy	Safety	5	Main entry is lacking entry lobby.	1	LS	72,000	72,000	99,360	
126	Lundy	Safety	5	Verify slope of hallway ramp to charter school.				0	0	
127	Lundy	ADA	5	No wheelchair access to upper gym (robotics lab?) - Upgrade gym separation.	1	LS	35,000	35,000	48,300	Lift
128	Lundy	ADA	5	No wheelchair access to stage	1	LS	35,000	35,000	48,300	
129	Lundy	ADA	5	Move speech to accessible room, or modify room.				0	0	
130	Lundy	Deficient	5	Locker rooms are not utilized. If used, make ADA compliant				0	0	
131	Lundy	Deficient	5	Music room is small				0	0	
132	Lundy	Maint	5	Replace gym bleachers and include ADA seating	1	LS	45,000	45,000	62,100	
133	Lundy	Maint	5	Bus access overlaps parent drop off				0	0	
134	Lundy	Deficient	5	Add Pre-K and retrofit Kindergarten classroom	7	EA	360,000	2,520,000	3,477,600	
135	Lundy	Deficient	5	Create more direct route to courtyard	1	LS	15,000	15,000	20,700	
136	Lundy	ADA	5	Provide accessible route to soft play area	1	LS	5,000	5,000	6,900	
137	Lundy Site	Maint	5	Building is in questionable condition	1	LS		0	0	
138	Lundy Maint shop	Mech	5	<ul style="list-style-type: none"> <li>Modify ductwork for small rooms between west wing classrooms for complete heating and ventilation coverage</li> </ul>	2	ea	5,000	10,000	13,800	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
139	Lundy	Mech	5	• Install ventilation system for the Music Room and room across the hall (131)	2	ea	5,000	10,000	13,800	
140	Lundy	Mech	5	• Install ventilation unit for Gym.	1	ea	25,000	25,000	34,500	
141	Lundy	Mech	5	• Install an exhaust hood and fan for dishwasher, and makeup air source.	1	ea	15,000	15,000	20,700	
142	Lundy	Mech	5	• Replace boiler room water heaters and seismically brace	2	ea	2,500	5,000	6,900	
143	Lundy	Mech	5	• Install an automatic fire suppression system.	37,893	sf	3	113,679	156,877	
144	Lundy	Elect	5	• Provide astronomical time clock controls for corridors and common areas, and exterior lighting.	1	lot	20,000	20,000	27,600	
145	Lowell HS Main Bldg	Maint	5	New lockers	200	EA	375	75,000	103,500	
146	Lowell HS Main Bldg	Safety	5	Main ramp from parking lot missing landing at double doors	62'x11'	SF	12	8,184	11,294	
147	Lowell HS Main Bldg	Safety	5	Gym bleacher exiting does not comply with current code	1	LS	45,000	45,000	62,100	New Bleachers
148	Lowell HS Main Bldg	ADA	5	Coaches offices have no wheelchair access				0	0	
149	Lowell HS Main Bldg	ADA	5	Boys locker room lacks ADA shower stall				0	0	
150	Lowell HS Main Bldg	Safety	5	Basement ramp is too steep				0	0	
151	Lowell HS Main Bldg	ADA	5	No wheelchair access to weight room and boys team room				0	0	See Future
152	Lowell HS Main Bldg	Deficient	5	One classroom has no daylighting or window views	1	LS	6,000	6,000	8,280	Add Lite Tube
153	Lowell HS Main Bldg	Deficient	5	Separate commons room for middle school is recommended				0	0	
154	Lowell HS Main Bldg	ADA	5	Verify 36" high serving counter at snack bar				0	0	
155	Lowell HS Shop Bldg	Maint	5	Drafting room needs finish update	160	SF	20	3,200	4,416	
156	Lowell HS Shop Bldg	Safety	5	Stair to loft needs guardrail and handrail updates	20	LF	60	1,200	1,656	
157	Lowell HS Fields	Deficient	5	Track is not regulation shape				0	0	



No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
158	Lowell HS Fields	Maint	5	Football field scoreboard is outdated				0	0	
159	Lowell HS Campus Wide	Deficient	5	Seismically reinforce building	1	LS		0	0	Separate
160	Lowell HS	Deficient	5	• Install a small package rooftop unit for Classroom 116	1	ea	4,500	4,500	6,210	
161	Lowell HS	Maint	5	• Replace the garage unit heaters	2	ea	2,000	4,000	5,520	
162	Lowell HS	Deficient	5	• Install an automatic fire suppression system.	25,806	sf	3	77,418	106,837	(not portables)
163	Lowell HS	Deficient	5	• Provide new service and distribution equipment at Bus Maintenance Garage.	1	lot	20,000	20,000	27,600	
164	Lowell HS	Deficient	5	• Provide explosionproof conduit seals for branch circuiting serving the fuel pumping station/tanks area at Bus Maintenance Garage.	1	lot	5,000	5,000	6,900	
165	Lowell HS	Deficient	5	• Bus Maintenance Garage: Provide new fluorescent fixtures with wire guard protection at shop areas, lensed fluorescent or LED wraps at offices, and LED wall packs and flood lights at building exterior.	1	lot	10,000	10,000	13,800	
166	Lowell HS	Deficient	5	• Provide phone system upgrade to VOiP, as specified by the District IT department.	1	lot	20,000	20,000	27,600	
167				<b>Priority 5 Total Cost</b>				<b>\$3,205,181</b>	<b>\$4,423,150</b>	
								<b>\$11,722,839</b>	<b>\$16,177,518</b>	

# Appendix B: Lowell Jr./Sr.High School Seismic Application

December 21, 2015

To: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer St NE, Suite 200  
Salem, Oregon 97301

Re: Lowell High School Seismic Grant Application

Gloria,

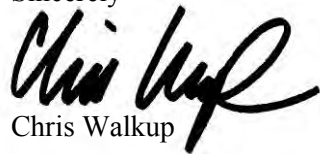
Thank you for the opportunity to apply for this grant program for the Lowell School District. Following are tabbed sections that include all of the documentation required by the grant process. The school district is applying for two grants, one for Lundy Elementary and one for Lowell High School. As a result some of the documentation is duplicated in both applications. Following is some additional information pertinent to the specific portions of the buildings associated with the grant application.

The Budget and Occupancy numbers for Lowell High School and Lundy Elementary School are for the core buildings as outlined in the grant application. At Lundy Elementary, the modular classroom, recent cafeteria addition and the Professional Development Center occupants are excluded on the Budget and Occupancy spreadsheets. At Lowell High School, the modular classrooms, woodshop, wrestling room and north wing occupants are excluded.

The actual number of employees is listed on the Occupancy pages. The total combined FTEs for each classification are listed on the Budget pages. These reflect the total of both part-time and full-time employees. Backup documentation for these numbers are available for review upon request. Both school offices, and the principal, vice-principal and guidance councilor's offices are located within the core buildings and these employees are included in the Occupancy and Budget data for each school. The District Office/Headquarters is located in the Professional Development Center, which is excluded from the Employee Occupancy and Budget calculations. This includes staff that occupies the superintendent's office and the Business Office.

If you have any questions feel free to contact me.

Sincerely



Chris Walkup

# Lowell High School

## Seismic Rehabilitation Grant Application

December 21, 2015

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Tab A	Grant Application
Tab B	Property Legal Description
Tab C	Photos
Tab D	Historical Importance / Community Support Letters
Tab E	Seismic Evaluation
Tab F	Scope of Work
Tab G	BCA
Tab H	Letter showing expenditures (not included as matching funds)

## Seismic Rehabilitation Grant Application

**Application Number:** 1 – Lowell High School

**Application Year:** 2015

A. Applicant Information	
1. Name of Applicant	Walter Hanline, Superintendent Lowell School District
2. Type of Applicant	<input type="checkbox"/> State Government <input type="checkbox"/> Local Government <input checked="" type="checkbox"/> School District <input type="checkbox"/> Community College <input type="checkbox"/> Oregon University System <input type="checkbox"/> Private Non-Profit <input type="checkbox"/> Other
3. If Private Non-Profit, describe the legal status, function, and facilities owned:	
4. State Tax Number: (e.g. 11-111111)	0503264-4
5. Federal Tax Number:	93-6015591
6. Has applicant's jurisdiction received a voter approved levy for building maintenance or renovation?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Is the applicant delinquent on any State or Federal debt? If yes, type explanation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

B. Contact Information	
1. Point of Contact Information	
First Name	Walter
Middle Initial	
Last Name	Hanline
Title	Superintendent
Agency/Organization	Lowell School District
Address 1	65 South Pioneer St
Address 2	
City	Lowell
State	OR
ZIP	97452
Phone	541-937-8405
Fax	
Email	whanline@nationalleadership.net
2. Alternate Point of Contact	
First Name	Johnie
Middle Initial	
Last Name	Matthews
Title	Assistant Principal
Phone	541-937-8405
Fax	
Email	jmatthews@lowell.k12.or.us

C. Community Information				
1. Please provide the pertinent information for the community that will benefit from this mitigation activity.				
Community Name	Area Served (sq miles)	Population Served	State Legislative District	US Congressional District
Lowell School District	319	2472	Senate District 4	Fourth District
2. Is the community located in a distressed or impoverished community (see Guidance for definition)?				
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Does community have a FEMA approved natural hazard mitigation plan?				
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No      Year adopted				
4. Describe any community-wide mitigation or awareness efforts and other mitigation projects occurring in the community.				
<p>Lowell residents are actively participating in the Willamette Cascade Foothills Community Emergency Preparedness planning sessions (<a href="https://wicafo.wordpress.com/emergency-preparedness/meetings/">https://wicafo.wordpress.com/emergency-preparedness/meetings/</a>), the most recent of which was October 27<sup>th</sup>, 2015. At that meeting, three Lane County experts in emergency preparedness discussed preparations individuals and organizations can take, gave an overview of Lane County's state of readiness in the event of an earthquake, and discussed what can be done if disaster strikes.</p>				
D. RVS Information				
Enter the DOGAMI Rapid Visual Screening (RVS) details for the project. Details can be found at: <a href="http://www.oregongeology.org/sub/projects/rvs/county/county-sites.htm">http://www.oregongeology.org/sub/projects/rvs/county/county-sites.htm</a> . If your building does not have an RVS or has an incorrect RVS then complete these fields after running your Benefit Cost Analysis.				
1. Building Unique ID	NA – Lowell HS was not included in the DOGAMI Report			
2. Seismicity Zone	3			
3. Soil Type	D – Stiff Soil			
4. RVS Building Type	W2			
5. RVS Final Score	0.9			
6. Collapse Potential	Yes			
7. Latitude	43.91724			
8. Longitude	122.78105			
9. Does the building have a basement?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
10. Does the building have horizontal irregularities per RVS? What is the shape of the building when viewed from above? (e.g. rectangle, L-shaped)	Re-entrant corners			
11. Does the building have vertical irregularities per RVS? Are there changes in elevation when the building is viewed from the side? If available, identify the vertical irregularity as moderate or severe per RVS.	No			

12. Are there unreinforced chimneys, parapets or heavy cladding?	Yes – Unreinforced Chimneys
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E. Mitigation Activity Information			
1. Preliminary Engineering Report Completed & Attached?			
<input checked="" type="checkbox"/> Yes			
2. What is the ASCE 41 performance level of this project? (For Schools the minimum retrofit performance level is "Life Safety"; for Emergency Service buildings the minimum retrofit performance level is "Immediate Occupancy".)			
Life Safety Performance Level			
3. Describe any structural or non-structural seismic mitigation measures previously conducted, including the date:			
None			
F. Scope of Work			
1. What are the <b>main structural and nonstructural</b> deficiencies of the building as outlined in your engineering assessment?			
Shear Stress, Wood Sill Connection to Foundation, Beam / Column Connections, Diaphragm Continuity, Unblocked Diaphragms.			
2. What are the <b>main structural and nonstructural</b> proposed fixes and do they address all known seismic deficiencies? If not, please describe how your proposal is the most cost effective approach to rehabilitation for your building. (Meeting the Life Safety and Immediate Occupancy performance objectives requires addressing structural and nonstructural issues that pose risk.)			
Add shear walls. Attach wood sills to the foundation. Steel hardware connections between beams and columns. Replace finishes as necessary to complete the fixes. The proposed fixes address all known seismic deficiencies.			
3. Is the project ready to begin? Describe what planning, design, etc...has been completed to date.			
Preliminary design and cost estimates are complete. Final design will commence based on the outcome of the grant process. The project will be ready to start construction in the spring of 2016.			
4. Project Management Milestones			
Briefly identify milestones by quarter, with start and end dates, which will be achieved within the 24 month performance period.			
Quarter	Milestone	Start Date	End Date
1	Design Development	Feb 15, 2016	Mar 15, 2016
2	Construction Documents	Mar 16, 2016	April 15, 2016
3	Bidding / Permitting	April 16, 2016	May 31, 2016
4	Construction	June 1, 2016	Aug 15, 2016
5	Punchlist / Temp Occupancy	Aug 16, 2016	Aug 31, 2016
6	Final Occupancy	Sept 1, 2016	



7			
8			


G. Property Information	
1. Project name	Lowell High School Seismic Upgrade
2. Project address	65 South Pioneer St, Lowell, OR 97452
3. Legal description of property	See Attached
4. Year built	1942
5. Building use	High School / Middle School
6. Foundation type	Perimeter concrete stemwall on concrete footing
If other foundation type, please specify:	
7. Date of initial construction	1941
8. Date of most recent major remodel	Unknown
9. Square feet	23,505
10. Number of stories	1
11. Type of construction	5B
12. Current replacement cost of structure	7.3 Million
13. Replacement cost of contents stored in the building	1.8 Million
14. Replacement cost of vehicles stored in the building	0
15. Is this building listed on the National Register of Historic Places, a National Historic Landmark or considered an eligible, significant building by the State Historic Preservation Office?	No
16. Is this building over 50 years old?	Yes
17. Are you planning to use the building as it is currently used for the next 10 years? If no, please explain.	Yes
18. Is the building located in a hazard area? (e.g. tsunami, flood, landslide)	No
19. Number of natural hazard losses	0
Describe:	

20. Provide photos showing the building from all sides (label each photo), provide close up photos of any vertical irregularities, and any connection points for additions attached to the original building. Minimum of 4 photos.	Photos attached: <input checked="" type="checkbox"/> Yes
21. Describe this building's value to the community. Does it have historical value? Is it utilized for uses outside of its primary function (such as a designated Red Cross Shelter)? Why is this building important to the community?	
See attached letter – Tab D	

H. Cost Estimate Summary		
Category	Cost Estimate	
Architectural	\$45,500	
Engineering	\$45,500	
Construction Management	\$29,000	
Construction Labor/Materials	\$957,017	
Permitting/Inspection	\$15000	
Insurance	\$20000	
Testing	\$9000	
Relocation Costs	\$15000	
Other	\$	
<b>Total Cost Estimate:</b>	<b>\$ 1,136,017</b>	
<b>Total Amount Requested from SRGP:</b>	<b>\$ 1,136,017</b>	
NOTE: An engineering cost estimate must be attached to the application (may be included in the engineering report) with enough detail (ideally with quantities and unit costs) to document the credibility of the estimate. If you would like to make any comments on the cost estimate, please enter them below.		
I. Match Sources		
Source	Funding Type	Amount
None – see attached letter Tab H		\$
		\$
		\$
<b>Grand Total : \$</b>		
J. Cost Effectiveness Information		
1. Attach the Benefit Cost Analysis (BCA) completed for this project. Provide comments regarding the information sources used to obtain the occupancy and budgetary information necessary for the BCA		
2. Benefit Cost Analysis Score: 1.566		

3. Average Occupancy: 34.343	
4. Annual Operating Budget: \$ 1,334,932	
<b>K. Maintenance Schedule &amp; Costs</b>	
Identify entity that will perform any long-term maintenance and provide substantiating documentation that shows that the entity is accepting performance and budget responsibility:	The school district will perform their own maintenance utilizing a permanent maintenance staff.

L. Name of Person Who Will Sign the Contract if Awarded	
First Name	Walter
Middle Initial	
Last Name	Hanline
Title	Superintendent, Lowell School District
Phone	541-937-8405
Fax	
Email	whanline@nationalleadership.net

M. Applicant Signature(s) and Certification	
<p>I (we) certify the Lowell School District (applicant organization) supports the proposed project, has the legal authority to pledge matching funds (if providing match), and has the legal authority to apply for Seismic Rehabilitation Grant funds. I further certify that any matching funds are available or will be available for proposed project. I understand that all State rules for contracting, auditing, and payment will apply to this project. I (we) certify that the information provided on the application materials is accurate.</p>	<div style="display: flex; justify-content: space-between;"> <div> <p>Signature</p>  </div> <div> <p>Date</p> <p>12/21/15</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <p>Signature</p> </div> <div> <p>Date</p> </div> </div>

Please mail **1** hard copy and **1** CD of application materials to:  
 Seismic Rehabilitation Grant Program

Attention: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer Street NE, Suite 200  
Salem, Oregon 97301

Or if delivering application materials in person or via FedEx/UPS:  
Seismic Rehabilitation Grant Program  
Attention: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer Street NE, Suite 200  
Salem, Oregon 97301

Faxed grant applications will not be accepted.

# Real Property Tax Lot Record

Lane County Assessment and Taxation

Print Date: Dec 21, 2015



In preparation of these records, every effort has been made to offer the most current, correct, and clearly expressed information possible. Nevertheless, inadvertent errors in information may occur. In particular but without limiting anything here, Lane County disclaims any responsibility for typographical errors and accuracy of this information. The information and data included on Lane County servers have been compiled by Lane County staff from a variety of sources, and are subject to change without notice to the User. Lane County makes no warranties or representations whatsoever regarding the quality, content, completeness, suitability, adequacy, sequence, accuracy, or timeliness of such information and data.

The legal descriptions contained herein are for tax lot purposes only.

Included in this report:

1. A listing of documents affecting ownership and/or property boundary changes.
2. The scanned tax lot record image and any legal description changes made since .

<b>Map &amp; Tax Lot</b> 1901142309500		<b>Current Parcel/Account</b>		<b>Current TCA</b>
<b>Status</b>	Active	0816502		07107
<b>Document #</b>	<b>Type</b>	<b>Date</b>	<b>Effective Year</b>	<b>Tax Lot Acres</b>
	Description Card			8.00

Comments:

#3270-E

v21580-C

## OFFICIAL RECORD OF DESCRIPTIONS OF REAL PROPERTIES

OFFICE OF COUNTY ASSESSOR, LANE COUNTY, OREGON

19-01-14-2-3

9500

YEAR	TAX LOT		SECTION	816 502	TOWNSHIP	19 S.	RANGE E.	OR W.	1 W. M.	DEED RECORD		ACRES REMAINING	
	No.	3								VOL.	PAGE		
BEARING REFERENCE OR LEGAL SUBDIVISION													
BEARING	DISTANCE												
1941			Beginning at a point in the West line of Pioneer Street 376 feet North of the intersection with the North line of Summit Street as shown on the duly recorded plat of Meadow's Addition to Lowell, running thence along the West line of said Pioneer Street, thence										
	North	484.00 ft	thence										
	West	720.00 ft	thence										
	South	484.00 ft	thence										
	East	720.00 ft	to the place of beginning, in Lane County, Oregon.										
			Containing more or less										8.00
			Except: 82 SF out to Jasper Lowell Rd for 2006 by 2005033820										8.00

Map Revision from 19-01-14-3-2-100 for 1981.

2-935-6

Attachment 7.2

Map Revision from 19-01-14-3-2-100 for 1981.

Attachment 7.2

2-935-6

## OFFICE OF COUNTY ASSESSOR, LANE COUNTY, OREGON

Attachment 7.2









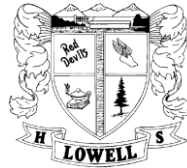
Lowell Jr./Sr. High  
65 South Pioneer Street  
Lowell, Oregon 97452  
541-937-2124  
FAX 937-2112

Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105  
FAX 937-8709

## LANE COUNTY SCHOOL DISTRICT 71

### Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline  
Superintendent  
541-937-2124  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

Kay Graham  
K-12 Principal  
541-937-2124  
[kgraham@lowell.k12.or.us](mailto:kgraham@lowell.k12.or.us)

Debi McNamara  
Business Office Manager  
541-937-8405  
[dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us)

December 17<sup>th</sup>, 2015

Questions regarding the importance of seismic upgrades to our rural school district's two schools: Lowell High School and Lundy Elementary School.

#### **What is the community value of the buildings?**

Our school district is truly the heart of this small community. These schools provide a venue for public meetings, student athletic events and band/choir concerts. The schools are a gathering place for community members of all ages. Our schools are perceived as a safe and welcoming place for our children. Events beyond school are held in the schools, including weddings, funerals, community events, and child related events. Additionally, the University of Oregon also accesses our facilities for their rowing teams.

#### **Are our schools used as an emergency meeting spot or shelter?**

Yes. In the midst of local forest fires, fire-fighters have set up a city of tents on our football field and they have also slept in the Lundy Elementary gym and used our showers.

#### **Do the schools have historic value to the community?**

Absolutely. The land our high school was built on was donated to the school district by Al and Lee Wetleau. These beloved community members were longtime boosters of school activities, especially athletics. Our Booster Club continues to generate huge community support today.

Children of local loggers were housed and cared for by Lee Wetleau in her home while their parents worked in distant logging camps. The Wetleau's donated their collection of Lowell School District yearbooks, the earliest dating back to the 1936-37 school year.

Our recent building renovations retain the original façade of each school based upon community desire to refurbish what we had, rather than building new.

#### **Will the community rally around the project?**

Yes, our community will eagerly support creating safer buildings for our students that can also be used as structurally safe gathering areas during times of crisis. The Lowell City Hall and the Lowell Fire Department are collaborating with the district and will work with us in the future to create Emergency Preparedness plans, once our buildings are established as structurally safe public gathering areas. Having structurally sound public buildings are key to the community emergency plans.

#### **Is Lowell a distressed or impoverished community?**

Lowell's economy was historically dependent upon the logging industry, which has declined sharply due to changes in federal timber policies. While Lowell residents are comprised of a blend of socioeconomic residents, we do have a high ratio of impoverished families. 95% of Lundy Elementary students are eligible for free and reduced meal benefits, and 72% of Lowell High School students are eligible. Our district participates in the federal Community Eligibility Provision.

Lowell School District is dedicated to educational achievement and the success of every student.

**Does Lowell have a FEMA approved natural hazard mitigation plan?**

Not currently.

**Are there any community-wide mitigation or awareness efforts or other mitigation projects occurring in the community?**

Yes. Lowell residents are actively participating in the Willamette Cascade Foothills Community Emergency Preparedness planning sessions (<https://wicafo.wordpress.com/emergency-preparedness/meetings/>), the most recent of which was October 27<sup>th</sup>, 2015. At that meeting, three Lane County experts in emergency preparedness discussed preparations individuals and organizations can take, gave an overview of Lane County's state of readiness in the event of an earthquake, and discussed what can be done if disaster strikes.

The following week a meeting was held to discuss how to set up Emergency Preparedness plans within smaller neighborhood groups.

**What is the area served by Lowell schools in square miles?**

Approximately 318 square miles

**What is the population served?**

The last federal Census was done in 2010, which showed Lowell's population at 1045. For our community newsletter mailings, we mail to 1165 households, including Lowell, Fall Creek, Unity and Minnow Creek, all of which are served by our district.

**What are Lowell's state legislative districts?**

District 4 (Senate—Floyd Prozanski) and District 7 (House—Cedric Hayden)

**What is Lowell's US congressional district?**

District 4 (Congress—Peter Defazio)





Front door of the high school main building on Pioneer Street.



From Moss Street looking across football field at the back of the high school.

Photos circa 1965

Walt Hanline, Ed.D.  
Superintendent  
541-937-2124  
whanline@lowell.k12.or.us

**LANE COUNTY SCHOOL DISTRICT 71**  
**Lowell/Fall Creek**  
www.lowell.k12.or.us

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kgraham@lowell.k12.or.us



Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105 FAX 937-8709

December 15th, 2015

To Whom It May Concern,

In addressing the project readiness criteria reflected within the Seismic Rehabilitation Grant application instructions, if our community approves a bond at the May election, I strongly assert we have the necessary staffing required to successfully implement the facility renovation program.

We have a great architectural firm, Glas Architects, who will help me shepherd this process from planning to completion. We have the necessary administrative support, with an Assistant Principal, Principal, and Special Education Director to manage the issues related to serving our present students. Most importantly, beyond my recent work in managing the over \$2 million dollar renovation program for Lowell School District (note attached article), my experience and knowledge of facility planning and development, as reflected in the excerpted paragraph below from my attached Statement of Qualifications, clearly denotes that I am more than capable and able to manage an eight million dollar facility improvement and expansion program.

"Dr. Hanline was successful in addressing the challenges of Kings River-Hardwick School District, Del Norte County Unified School District, and most recently Ceres Unified School District, in facility planning for new construction, modernization, asbestos removal, and deferred maintenance programs. By way of example, in the midst of declining enrollment in Del Norte County, he was successful in funding well over \$5 million of new construction projects and had over \$10 million of modernization projects approved. In 2001, Dr. Hanline directed a \$165 million new construction and modernization program for the Ceres Unified School District, which included the passage of a local Proposition 39 school bond. Within 18 months, the district opened 5 new elementary schools, a new high school, expanded one of the junior highs, and modernized virtually every school within the District. In November 2008, in the midst of the national and state fiscal crisis, Dr. Hanline led the campaign which successfully passed another \$60 million local school bond that served as the foundation for a \$150 million building program."

I have attached my Statement of Qualifications and Biography. I do hope this addresses the project management criteria. Thank you.

Respectfully,

Walt L. Hanline, Ed.D.  
Superintendent

Dedicated to educational achievement and the success of every student.



# Oregon Department of Energy

*Energy success stories from around the state*



## Lowell School District's energy project inspires local pride

People should value K-12 schools as an integral part of their communities, says Lowell School District Superintendent Walter L. Hanline, Ed.D. Last year, the Oregon Department of Energy's Small-scale Energy Loan Program worked with the school district on a complete energy efficiency overhaul. The result: the district now uses a third less energy, despite the increased use of facility space.

"Before the upgrades, it would have cost local taxpayers here \$1000 per year over the next 20 to 30 years if we replaced the schools," said Dr. Hanline. "Rather than that, we worked with SELP on energy installations that offered our schools a new look and feel, and provided us a chance to use unusable facility space," Superintendent Hanline added.

After 30 years of dealing with deteriorating schools, the district modernized boiler controls, insulated walls, and replaced windows and lighting in the schools. Dr. Hanline said the ambitious project took only three months to complete, half the time it usually takes for a project this size.

"Our students had to succumb to an uncondusive environment that was so bad they did not want to come to school," said the superintendent. "The window seals were rotting away and the heating and cooling temperature inside the schools weren't working properly, which affected how engaged students were."

Dr. Hanline referred to substantial research done on how student motivation and academics can wane



# Lowell School District's energy project inspires local pride

depending on the comfort level of the school. Improving student experiences and learning environments can improve student performance. Within the Lowell School District, Superintendent Hanline said student scores are up because kids feel more connected. He shares this sentiment with other school districts that have used ODOE's energy loans for energy installations and upgrades.

When the school doors opened after the renovations, Dr. Hanline and the Board knew their investment had paid off. Right away they noticed a total shift in attitudes and a new cultural mindset both inside and out. The investment brought back community pride.

"A student representative on our board says they feel like they are in a brand new school," said Dr. Hanline. "They look forward to coming to school now."

Without the support of SELP, the school district would not have had the funding to do the work. Superintendent Hanline also noted that working with the state energy loan program, rather than private sources, comes with greater value and support. The superintendent also spoke about the graciousness of staff, their expertise and ideas on how to make things happen.

John Hobbs, SELP loan officer said, "I'm pleased that the improvements to the school have had such a positive effect on students and the community. It was superintendent Hanline and the district leadership's vision that made this project successful."

Dr. Hanline said the district receives an enormous amount of community support. Schools in smaller cities, such as Lowell, see their schools as community centers, a focal point of their town.



**Before energy upgrades students and administration were subjected to issues such as rotting window seals and windows that weren't favorable to summer and winter conditions.**

"Taxpayers don't want to invest in schools that look like dumps," said Superintendent Hanline. "Schools are really noticeable here and you can definitely see the difference in how Lowell residents embrace and see our upgraded school facilities."

Dedicated to educational achievement and the success of every student, the Lowell School District is located in the city of Lowell in Lane County and includes Lundy Elementary and Lowell High School.

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## About the ODOE Energy Loan Program

The purpose of the Small-scale Energy Loan Program is to promote energy conservation and renewable energy resource development. The program offers low-interest loans for energy projects. For additional information about SELP, visit ODOE at [Oregon.gov/ENERGY/LOANS/index.shtml](https://www.oregon.gov/ENERGY/LOANS/index.shtml).

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whanline@nationalleadership.net  
3098 Floral Hill Drive  
Eugene, Oregon, 97403  
209-765-4818

## **Statement of Qualifications**

**Walt L. Hanline, Ed.D., Executive Director**

Dr. Walt Hanline is the Executive Director for the National Center for Executive Leadership and School Board Development. He worked as a public school superintendent in California for 28 years, in districts ranging from 170 to 12,000 students. He served as Superintendent/Principal of Kings River-Hardwick School District, Del Norte County Unified Superintendent of Schools, and Superintendent of Ceres Unified School District, where he retired from in June 2010. Since retirement, he has also served as Interim Superintendent in Natomas Unified School District, Denair Unified School District and presently is serving in Oregon as the "part-time" Superintendent of Lowell School District.

Dr. Hanline was recognized by the Association of California School Administrators as the 1995 California Superintendent/ Principal of the Year and in 2007 as the California Superintendent of the Year. In 2009, the Ceres Unified Board of Trustees named its next new elementary school the Walt L. Hanline Elementary School.

Dr. Hanline served as an Executive Search Consultant with Education Leadership Services and the California School Boards Association and as an Affiliate and Adjunct Professor at California State University, Stanislaus, teaching both at the Masters and Doctoral levels. He is frequently sought as a presenter by school districts and organizations across the nation. Dr. Hanline presents workshops for teachers, administrators and board members in team building, strategic plan development, collective bargaining, superintendent evaluation, and board governance.

Dr. Hanline brings to his support role, for board members and executives, a range of experiences and training. His doctoral preparation in curriculum and instruction with a specialization in collective bargaining, and his experience in teaching at the university level, were demonstrated in his instructional leadership in the districts he served as superintendent. Those who worked with him and for him would assert that his greatest contribution, in curriculum development, was providing a researched-based rationale and vision for improving the quality of instruction. As superintendent, he built educational environments that provided the motivation for staff to effectively blend theory with practice, in providing the finest quality educational opportunity possible to the students served by his districts.

To achieve true success, a school district must proactively address the ever-changing demands of our society. To ensure such success, a school district must have a plan of action and assessment processes in place to make this happen. Dr. Hanline successfully developed and implemented strategic planning and district assessment



processes, utilizing both public and business sector models. His experience and background ensured that the board of trustees was successful in creating a plan of action which met the needs of their students and community. Dr. Hanline's unique ability to recruit, motivate, develop and support quality leaders enabled his districts to benefit from the services of quality leaders. Under his leadership, his fellow team members were recognized with a wide range of awards, including state-wide awards such as Negotiator of the Year, Curriculum and Instruction Administrator of the Year, and Business Services Administrator of the Year.

As a public school superintendent for over 28 years in small and medium sized districts, Dr. Hanline had the opportunity to be involved in every aspect of the educational system. Having served Kings River-Hardwick School District for 13 years, he had the pleasure of implementing the necessary change that brought about an educational staff and program, which was viewed by the community as outstanding. In his three years serving Del Norte County Unified, his team was successful in taking each school in the district from the state assigned status of "under-performing" to "performing" schools. Dr. Hanline's most recent success has come from his service in the Ceres Unified School District. The success of his leadership is best denoted by the performance of his leaders, teachers and students. Over the last four years of his service in the district, for all of the schools in the Ceres Unified School District, the District had an average State Similar School Ranking of 8.225, with 10 being the highest ranking possible. As assessed by the State of California, both of his high schools had a Similar Schools Ranking of 10 and they were both recognized in January 2009, by U.S. News and World Report, as one of "America's Best High Schools (Bronze Medal Winners)." Additionally, Ceres Unified has been the subject of many studies, including the 2006 study conducted by Policy Analysis for California Education entitled, Snapshots of Reform: District Efforts to Raise Student Achievement Across Diverse Communities in California.

Dr. Hanline was successful in addressing the challenges of Kings River-Hardwick School District, Del Norte County Unified School District, and most recently Ceres Unified School District, in facility planning for new construction, modernization, asbestos removal, and deferred maintenance programs. By way of example, in the midst of declining enrollment in Del Norte County, he was successful in funding well over \$5 million of new construction projects and had over \$10 million of modernization projects approved. In 2001, Dr. Hanline directed a \$165 million new construction and modernization program for the Ceres Unified School District, which included the passage of a local Proposition 39 school bond. Within 18 months, the district opened 5 new elementary schools, a new high school, expanded one of the junior highs, and modernized virtually every school within the District. In November 2008, in the midst of the national and state fiscal crisis, Dr. Hanline led the campaign which successfully passed another \$60 million local school bond that served as the foundation for a \$150 million building program.

Having inherited school districts that were in deficit spending, both in Kings River-Hardwick and in Del Norte County and recruited to serve as Interim Superintendent to assist the State and County in restoring fiscal integrity (to prevent the State from having to take over the districts) to Natomas Unified School District and Denair Unified School District, Dr. Hanline knows first hand the importance of properly managing the limited financial resources available to a school district. Without proper management of the limited funding available, leaders cannot support classroom teachers in a manner that will allow them to present a first class educational program to the students and parents. Dr. Hanline demonstrates the critical component required for

sound financial planning; proactive and visionary leadership, blended with a commitment that school and department based decision making and accountability is the means to the highest level of financial efficiency.

Dr. Hanline's experience and training provide the background required to recruit, motivate, develop, and evaluate staff. This experience reinforced his philosophy that to truly be able to address the many challenges associated with schools, the superintendent and board must expect the very best from all staff members, while at the same time building trusting and mutually supportive relations between teachers, classified staff, administrators and the board of trustees. Dr. Hanline's many years of exposure to a range of collective bargaining approaches, both in working within the traditional adversarial approach and also in developing collaborative teacher/management relations, through the use of educational policy trust agreements, are assets that he brings to his support of board members and school superintendents.

The involvement and positive support of the community are essential for the long-term success of a school district. With this philosophy in mind, Dr. Hanline had the opportunity to work with community groups and the media in a wide variety of areas. He began a private school, which eventually grew to approximately 450 students. While at Kings River-Hardwick, he responded to the requests of the community in initiating the first school breakfast program in Kings County, an extended day care program, a for-pay preschool program, and a state preschool program. In both Del Norte County Unified and Ceres Unified, he restructured the organizations to provide for educational options to parents, including home school and site based charter schools and also in expanding grant funded programs, including 21st Century Afterschool Programs to serve parents and students. In Ceres Unified, between July 2001 and July 2009, this commitment to grant development brought over \$30 million in grants to serve the students and teachers of the district. During his career, Dr. Hanline developed a wide range of active collaboratives, including partnerships with the City of Ceres, College of the Redwoods, Rural Human Services, the Chamber of Commerce in each of the communities, Yurok and Tollowa Tribal Councils, California State University at Chico and at Stanislaus, State and National Parks, to name just a few.

Dr. Hanline's greatest asset, to any school district seeking his services, is his experience and training in supporting school board members as they represent the community that elected them. He strongly believes in the policy-making and vision setting role of the board of trustees, and in the responsibility of the staff to implement the policies and vision of the board. Dr. Hanline's experience in the private and public sectors, and his educational preparation and experience in creating innovative solutions to problems are strengths he brings in his support of board members and school leaders.

## **Walt L. Hanline, Ed.D.**

**Founder and Executive Director:  
National Center for Executive Leadership and School Board Development**



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Founder and Executive Director:  
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## Lowell Rural Fire Protection District

389 N. Pioneer Street, Lowell, OR 97452

(541) 937-3393

FAX (541) 937-2287

December 8, 2015

Johnie Matthews  
Assistant Principal Lowell School District  
65 South Pioneer St.  
Lowell, Or. 97452

The Lowell Rural Fire Protection District Board of Directors and I would like to express our support for funding of the Lowell School District's Oregon State Seismic Grant request. Such seismic improvements to the High School and Elementary School are sorely needed to help maintain the safety and functionality of the facilities.

As with most small towns, schools are an integral part of the community and its local heritage. Lowell is no different. The pride and ownership in our local schools is a fundamental part of our community and a living example of Lowell's future and heritage.

The buildings that are under consideration for improvement are utilized for much more than school activities. All sorts of community activities occur in these buildings, ranging from town hall public meetings to community fundraising sporting events.

One of the most important aspects of utilization for the two gymnasiums specifically is that of housing evacuees during a disaster. The buildings are an integral part of the community's emergency response plan capabilities to house and protect citizens during disasters other than earthquakes and heavy snowstorms.

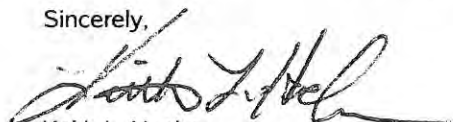
The buildings have the capability of providing shelter for a great number of the area residents and would be utilized as relief centers if needed. With the proposed seismic enhancements, the capabilities of providing shelter for area residents would be greatly increased and the improvements would allow for greater public safety during a disaster.

As the Fire Chief and Emergency Manager for the Fire District, one of my greatest concerns during my tenure has been the heavy timber, bow string construction of the high school gymnasium and the aged construction on the grade school gymnasium. Proposed upgrades through the seismic grant program would increase the current structural safety of the building as well as the future capabilities of the structures.

The funding to construct new school facilities is highly unlikely as small school districts such as ours have very limited resources and any additional funding is extremely difficult to come by. Maintaining and upgrading current facilities is a much more realistic and economically feasible method of providing a safe, high quality education environment for our children.

We hope the School District is successful in this endeavor and would encourage the State of Oregon to fund the District's proposal. These upgrades are sorely needed and important improvement with far reaching advantages for providing a valuable resource to the public at an economical cost.

Sincerely,



Keith L. Hoehn  
Fire Chief



**Lowell City Hall**  
P.O. Box 490 Lowell, OR 97452  
Phone: 541-937-2157  
Fax: 541-937-2936

December 3, 2015

Business Oregon IFA  
Seismic Grant Committee  
775 Summer Street NE, Suite 200  
Salem, OR 97301-1280

Members of the Committee:

On behalf of the City of Lowell, I would like to express our sincere support for the Lowell School District's grant application for state seismic funds. These funds would advance the preservation of two historic buildings in Downtown Lowell and support emergency preparedness efforts.

An award of seismic grant funds would help restore two historic buildings in the heart of Downtown Lowell. The School District has recently made large strides in facility upgrades, from asbestos abatement, insulation and exterior improvements. Grant funds would allow the School District to continue this restoration project, which benefits not only the learning environment for our school children, but also contributes significantly to the historic character and economic activity of our downtown.

The grant would also support local emergency preparedness planning. The City of Lowell facilitates monthly "Team Lowell" meetings with local community organizations to discuss opportunities for collaboration. One issue that has been identified is emergency preparedness, as Lowell does not maintain an emergency shelter. The proposed structural upgrades to the gymnasiums would support this planning effort by potentially offering two emergency shelters to be utilized in the event of an earthquake or other natural disaster.

For the above reasons, the City of Lowell strongly supports the District's grant application for seismic grant funds. Please do not hesitate to contact my office if you have any questions regarding our support.

Sincerely,

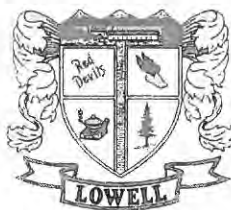
Don Bennett  
Mayor  
City of Lowell



# LANE COUNTY SCHOOL DISTRICT 71

## Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline, Ed.D.  
Superintendent  
541-937-2124  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

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Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105 / FAX 541-937-8709

November 24, 2015

Business Oregon IFA Seismic Grant Committee  
Salem, OR 97301-1280

### Grant Committee Members:

The Board of Directors of the Lowell School District strongly supports the District's application for grant funding to be used towards seismically upgrading our buildings at both school sites. These facilities are heavily used by both students and community members so seismic upgrades would improve the overall safety for all.

The School Board has chosen to rehabilitate the interior and exterior of both schools for two important reasons: the historic character of these buildings is important to alumni and current Lowell area residents, and, demolishing the existing structures to build new ones would be unaffordable for District taxpayers.

The first school serving Lowell-Fall Creek elementary students is now an historic building housing the Lowell Grange. The 100<sup>th</sup> anniversary of that building in 2013 brought many former students out to share their fond memories of attending school there. They shared memories of how Lowell residents Al and Lee Wetleau donated property to the District, facilitating the construction of a high school so that local students could finish their education in Lowell. The Wetleaus also housed children of parents working in logging camps near Oakridge so the students could continue their education. That kind of community dedication to Lowell schools and students continues to this day, thanks to examples like the Wetleaus.

Over the years, several proposals have been floated to demolish the existing buildings and rebuild new structures. However, due to changes in federal timber policies in the 1980s, the reduction of timber related employment hit our rural economy hard and families have had a difficult time securing local jobs that would afford them the ability to absorb the increase in property taxes necessary to construct new school buildings. While we have seen many new retired residents come to the area and build new upscale homes, we also have an affordable housing development that has given young families with children a place to thrive, taking advantage of the wonderful outdoor opportunities and our small school environment.

Our community is in the early stages of creating a comprehensive emergency preparedness strategy. The Lowell School District buildings and surrounding land are major assets to address community needs during a natural disaster. It is critically important that these structures are structurally sound enough to provide emergency shelter, especially during high wind events or earthquakes that could destroy residential structures.

For over 20 years, the leaders of our local public agencies have met each month to share ideas and work together on projects. Team Lowell includes the City of Lowell, Lowell School District, Lowell Rural Fire Protection District, Oregon State Parks, U. S. Forest Service, Bureau of Land Management, Middle Fork Watershed Council and the U. S. Army Corps of Engineers. We work collaboratively to make sure we are spending the public's money wisely in the best interest of the citizens. This helps give our citizens confidence in our ability to manage grant funds for the best results.

We are well positioned to be a model of excellence for how seismic grant funding can enhance a community's greatest assets for the benefit of the entire community. We thank you for your consideration of our application.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dennis McCallum", written in a cursive style.

Dennis McCallum  
Board Chair



# **Lowell, Fall Creek Education Foundation**

65 S. Pioneer Street  
Lowell, OR 97452

November 25, 2015

Business Oregon IFA Seismic Grant Committee

Committee members:

This letter is in support of the Lowell School District's application for grant funding to seismically upgrade the high school and elementary school gyms.

Our newly re-energized Foundation board just held our first Hall of Fame banquet in the high school gym in October. Alumni from all decades of graduating classes came, many who hadn't been in the building since they attended high school. Without exception, these alumni were extremely pleased that the schools have been restored while preserving the original façade and character of the buildings. Everyone understands the importance for upgrading buildings for safety and we believe our schools are excellent candidates for the grant funding available.

Our eight-member board includes three graduates and a former school superintendent. I assure you that they can attest to the importance of the schools to our community. Turnouts at athletic events, music concerts, open houses and other public events show the level of support area residents have for the school district. Many new residents who haven't had any previous association with the school district have volunteered thousands of hours and dollars to student programs since moving here. We are grateful for the support the community has shown for both the Foundation's and the District's projects to help kids.

We look forward to continuing the upgrade of the school facilities with the seismic grant program. Thank you very much for your consideration.

Sincerely,

Donna McCallum  
Board President





**Lowell Grange #745**  
51 E. 2nd Street, P.O. Box 47  
Lowell, Oregon 97452  
541-937-3738  
lowellgrange@gmail.com

November 30, 2015

Business Oregon IFA Seismic Grant Committee  
775 Summer Street NE, Suite 200  
Salem, OR 97301-1280

On behalf of Lowell Grange #745 members, I wish to express our support for the Lowell School District's application for seismic grant funds. Our members have worked diligently to renovate our historic Grange building and would like to see the school buildings continue to be upgraded while maintaining their historic presence in our community.

The schools are the heart of our community. There are hundreds of alumni who still live in the area and others who come back to visit that love to walk the halls of their schools and relive the good memories made there. It would be a real shame to have to tear down these memory-filled buildings to make sure they are structurally sound. Grant funds awarded to the District would ensure that the buildings are safe and continue to be used and loved by the community.

While the Grange building can be used in cases of community emergencies, it is too small to provide full-scale support in the event of a natural disaster. Having the school gyms and kitchens available for such a purpose is a valuable asset. Our community is currently in the process of mapping the assets in the area and the schools are two of our greatest assets.

Our Grange building has been awarded Historic designation by the State's historic commission and we encourage the school district to use the grant money to improve the buildings' structural integrity while maintaining their original character.

Thank you for the opportunity to support the District's application.

Sincerely,

Maggie R. Osgood  
Grange Master



# Register-Guard

LANE COUNTY'S HOME NEWSPAPER

EUGENE, OREGON, WEDNESDAY, AUGUST 4, 1965

## Lowell HS 'Grandmother' Gives Gift

LOWELL—An elderly woman here gave away a rare collection this week, and it was something she wanted to do.

Lee Wetleau, who will be 88 on Sept. 9, donated her collection of Lowell High School yearbooks to the school library. And she had every one ever published.

There are 21 books, and so far as school officials know, this is the only complete collection in existence.

The earliest books, named the "Lo-Hi-Lites" are dated 1936-37 and 1938. No books were published during the war period, Mrs. Wetleau said. So the collection resumes with the annual of 1946 and continues through 1964. The latter books are known as the "Red Devil."

The school's 1965 annual doesn't come out until school resumes.

The Wetleaus never had any children in school,

but bought the annuals year after year "to show our appreciation and help the kids out."

Mrs. Wetleau and her husband, Al, who died three years ago, have been called the "grandparents" of the school. In 1929, they sold the ground for Lowell High School to the district.

"We had the ground over there all planted in garden," Mrs. Wetleau reminisced, "and when they started on the building in August, they had to plow it all under."

The Wetleaus were always boosters of school activities, especially athletics.

"I enjoy going to the things they do," Mrs. Wetleau explains. "But I can't get around that much any more. I have a big ambition, but my strength gets weak."

With her "big ambition" and living in a 65-year-old house across the street from the school, the elderly Negro woman has been a source of encouragement to many students.

She counsels prospective dropouts, calling on her knowledge of the community to cite examples of persons bettered by having continued their education.

And until the last couple of years when she decided, "A garden was too much work—I didn't need one," the students always came over to get flowers from her for graduation and baccalaureate.

Each of the student yearbooks in the collection held memories, but perhaps the hardest for Mrs. Wetleau to part with was the 1960 "Red Devil" which contained the following dedication:

"To Mr. and Mrs. Al Wetleau for their many years of loyal service to the school and community. Their never-ending attendance and support at all possible school affairs are admired greatly by students and faculty alike."

But then, the books will be right across the street in the school library whenever the "grandmother of the school" cares to take another look.



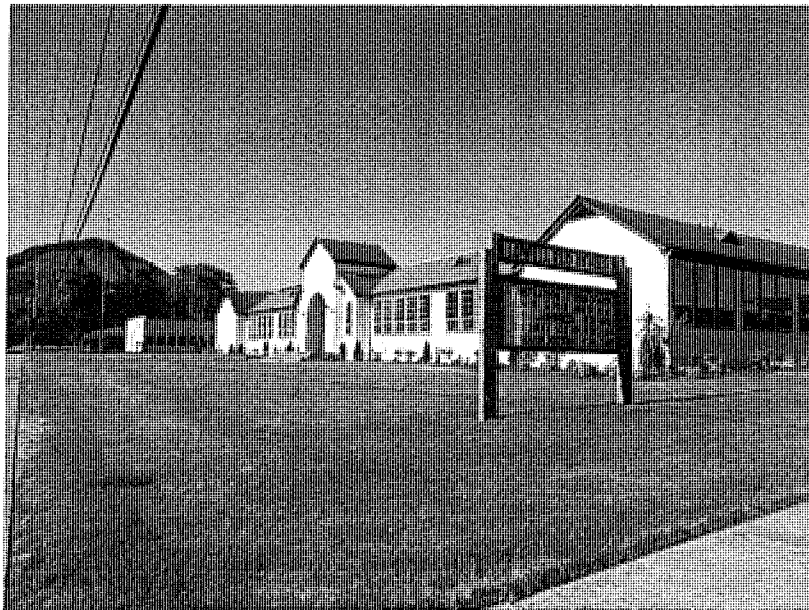
# LOWELL SCHOOL DISTRICT HIGH SCHOOL

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## SEISMIC EVALUATION AND CONCEPTUAL SEISMIC STRENGTHENING DESIGN

DECEMBER 15, 2015

KPFF PROJECT NO. 215416

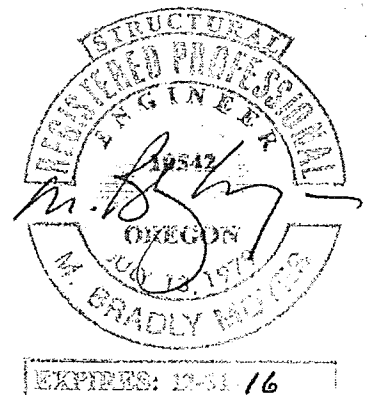


PREPARED BY:

KPFF CONSULTING ENGINEERS  
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SUBMITTED TO:

GLAS ARCHITECTS  
115 WEST 8<sup>TH</sup> AVENUE, SUITE 285  
EUGENE, OR 97401



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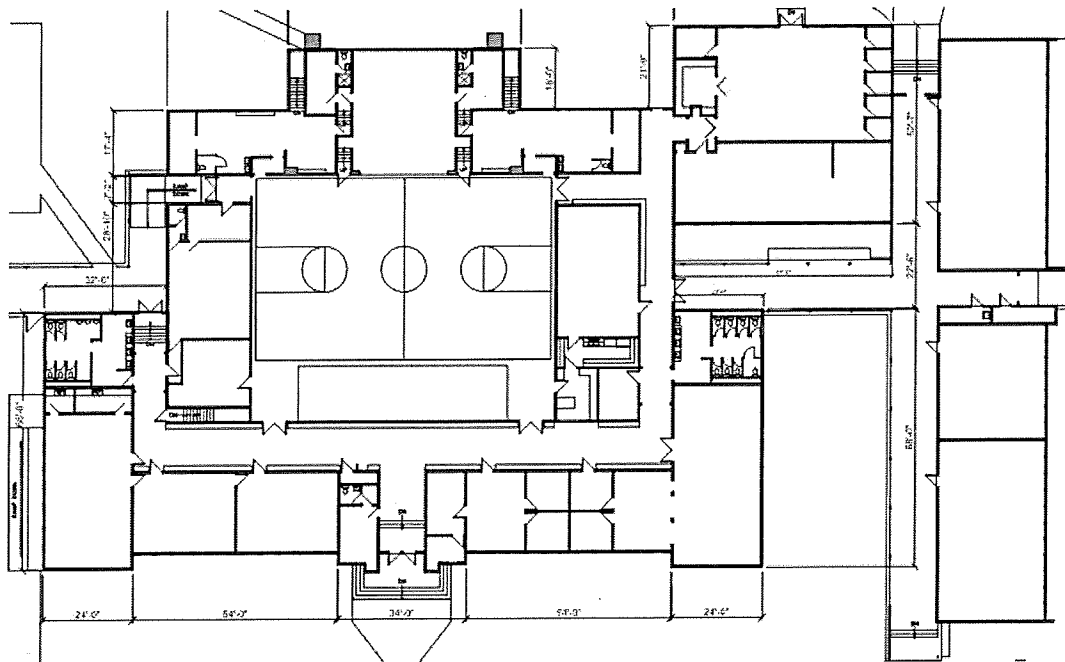
## INTRODUCTION AND PROJECT SCOPE

The Lowell High School Campus is located in Lowell, Oregon. The campus consists of various buildings constructed in approximately 1942. This evaluation is limited to the Main Building which includes the main entry, corridors, adjacent classrooms, and the gym. KPFF Consulting Engineers was contracted to perform a seismic investigation and to provide a conceptual strengthening scheme for pricing. American Society of Civil Engineers (ASCE) Standard 41-13, *Seismic Evaluation and Retrofit of Existing Buildings* was used to complete the evaluation and strengthening scheme.

KPFF used an ASCE 41-13 Tier 1 Screening as an evaluation tool and as a guideline to develop the conceptual seismic strengthening scheme. The recommended strengthening scheme provides rehabilitation of the seismic resisting system and mitigation of nonstructural hazards to a Life Safety Performance Level.

The seismic evaluation included an assessment of observable structural conditions. No original structural drawings are available. Our review and the findings presented herein are limited to those conditions and components for which sufficient information could be found within the original structural drawings and confirmed on site by the visual observations of KPFF personnel.

Observations, analyses, conclusions, and recommendations contained within this report reflect our engineering judgment. Concealed problems with the construction of the building may exist that cannot be revealed through drawings and photos alone. Therefore, KPFF can in no way warrant or guarantee the condition of the existing construction of the building, or the future building performance.



**Lowell High School Campus Plan**

## **BUILDING DESCRIPTION**

The Lowell High School campus consists of the main building which includes the center wing with a library at the north end, a science lab at the south end and a gymnasium and stage on the west side. The structure is wood framed and single-story. There is a crawl space below most of the floor with a basement under the south lab space. Strip footings appear to be used around the perimeter. No drawings are available for the existing structure.

The roof over the classrooms is wood framed with straight sheathing over 2x6 roof joists. The roof over the gym consists of straight sheathing on 2x10 roof joists at 24 inches on center which span between bowstring trusses with glulam chords. Trusses span from a beam and column line over the bleachers to a bearing wall and header over the stage. There appears to be a sag in the header over the stage opening. The floor framing for the main building is 2x10 joists supporting straight sheathing and in turn supported by posts and beams in the crawl space. The perimeter bearing walls appear to be framed with 2x wood studs, size and spacing was not visible.

## **OBSERVATIONS**

### **Site Reconnaissance**

KPFF conducted a site survey of the school to determine the type of construction, determine a potential upgrade scheme, and assess the general building condition. The building exterior has been recently renovated with new siding, paint, and roofing.

### **Drawing Review**

No existing drawings are available.

## **STRUCTURAL EVALUATIONS**

The Lowell High School was evaluated using ASCE 41-13, *Seismic Evaluation and Retrofit of Existing Buildings*. The building's seismic performance was assessed in accordance with ASCE 41-13. The structure is considered a wood frame with flexible diaphragms building (Type W2). The appropriate Tier 1 checklists for this building type in a high seismicity region are provided in Appendix A of this report. Below is a summary of the items that were found to be nonconforming along with comments and/or recommendations. In accordance with an ASCE 41-13 Tier 1 assessment, these items require mitigation.

- Shear Stress Check – This criterion requires there to be enough length of existing shear walls to resist the lateral forces.
  - Additional shear walls should be added to resist the total seismic load. The strengthening scheme adds new shear wall elements.

- Wood Sills – This criterion requires that all wood sills be bolted to the foundation.
  - No bolts from the wood sills to the top of the concrete basement walls were observed. The strengthening scheme adds these anchor bolts.
- Girder or Beam/Column Connection – This criterion requires that there be a positive connection utilizing plates, connection hardware or straps between the girder and the column support.
  - The wood beam to column connection was not visible. Based on the age of construction, this is assumed to be noncompliant. The strengthening scheme provides straps to meet this requirement.
- Diaphragm Continuity – This criterion requires that the diaphragms shall not be composed of split level floors.
  - There are several steps in diaphragms for the various parts of the building.
- Roof Chord Continuity – This criterion requires that all chord elements be continuous, regardless of changes in roof elements.
  - There are no chord elements in this structure. The top plate of the wood framed walls could be considered a chord, but is not continuous. The strengthening scheme adds elements to create a continuous chord.
- Unblocked Diaphragms – This criterion requires that all diagonally sheathed diaphragms shall have horizontal spans less than 40 feet.
  - All of the diaphragms in this structure exceed this span criterion. The strengthening scheme adds shear wall elements to reduce the span.
- URM Chimney
  - Remove chimney.

### Geologic Site Hazards

The building's Geologic and Site Hazards were evaluated based on visual observations of the site. The appropriate Tier 1 checklist is provided in Appendix A of this report. KPFF Consulting Engineers recommends completing a geotechnical report prior to final design.

### Nonstructural Components

The building's nonstructural components were evaluated based on the requirements of ASCE 41-13. The appropriate Tier 1 checklists are provided in Appendix A of this report and a summary of the deficiencies are listed below:

- Emergency Lighting – Emergency lighting shall be anchored or braced to prevent falling during an earthquake. The anchorage of new egress lighting will be completed in the next phase.



- URM Chimneys – No unreinforced masonry chimney shall extend above the roof surface more than twice the least dimension of the chimney. Both chimneys exceed this limit and neither chimney is braced. The strengthening scheme addresses bracing both of the chimneys.
- Building Contents and Furnishings – Items such as file cabinets and bookshelves were generally found to be unbraced. It is recommended that a review of furnishing anchorages be performed, particularly along exit routes, with upgrades installed as required to meet ASCE 31-03.

### **GENERAL SUMMARY AND RECOMMENDATIONS**

Based on the ASCE 41-13 Tier 1 screening, the Lowell High School presently has deficiencies that could result in localized hazards, or partial or total collapse of the structure in a major seismic event. Significant deficiencies include: shear walls over stressed, wood sills not adequately routed to foundations, girder or beam to column connectors, diaphragm continuity, roof chord continuity, unblocked diaphragms, and URM chimney.

KPFF Consulting Engineers recommends strengthening the structure to a Life Safety Performance Level. Refer to Appendix C for the proposed strengthening scheme.



# APPENDIX A

## ASCE 41-13 CHECKLISTS

Project Name Lowell High School

Project Number 215416

## ASCE 41-13 Tier 1 Checklists

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FIRM:	KPFF Consulting Engineers
PROJECT NAME:	Lowell High School
SEISMICITY LEVEL:	High
PROJECT NUMBER:	215416
COMPLETED BY:	R. Kernan
DATE COMPLETED:	11/12/15
REVIEWED BY:	
REVIEW DATE:	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

## 16.1 Basic Checklist

### Very Low Seismicity

#### Structural Components

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LOAD PATH: The structure shall contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation. (Commentary: Sec. A.2.1.1. Tier 2: Sec. 5.4.1.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	WALL ANCHORAGE: Exterior concrete or masonry walls that are dependent on the diaphragm for lateral support are anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections shall have adequate strength to resist the connection force calculated in the Quick Check procedure of Section 4.5.3.7. (Commentary: Sec. A.5.1.1. Tier 2: Sec. 5.7.1.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**16.1.2LS Life Safety Basic Configuration Checklist****Low Seismicity****Building System****General**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LOAD PATH: The structure shall contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation. (Commentary: Sec. A.2.1.1. Tier 2: Sec. 5.4.1.1)	There is no complete load path.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	ADJACENT BUILDINGS: The clear distance between the building being evaluated and any adjacent building is greater than 4% of the height of the shorter building. This statement need not apply for the following building types: W1, W1A, and W2. (Commentary: Sec. A.2.1.2. Tier 2: Sec. 5.4.1.2)	Wall anchorage is unknown.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	MEZZANINES: Interior mezzanine levels are braced independently from the main structure or are anchored to the seismic-force-resisting elements of the main structure. (Commentary: Sec. A.2.1.3. Tier 2: Sec. 5.4.1.3)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**Building Configuration**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	WEAK STORY: The sum of the shear strengths of the seismic-force-resisting system in any story in each direction is not less than 80% of the strength in the adjacent story above. (Commentary: Sec. A2.2.2. Tier 2: Sec. 5.4.2.1)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	SOFT STORY: The stiffness of the seismic-force-resisting system in any story is not less than 70% of the seismic-force-resisting system stiffness in an adjacent story above or less than 80% of the average seismic-force-resisting system stiffness of the three stories above. (Commentary: Sec. A.2.2.3. Tier 2: Sec. 5.4.2.2)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	VERTICAL IRREGULARITIES: All vertical elements in the seismic-force-resisting system are continuous to the foundation. (Commentary: Sec. A.2.2.4. Tier 2: Sec. 5.4.2.3)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	GEOMETRY: There are no changes in the net horizontal dimension of the seismic-force-resisting system of more than 30% in a story relative to adjacent stories, excluding one-story penthouses and mezzanines. (Commentary: Sec. A.2.2.5. Tier 2: Sec. 5.4.2.4)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	MASS: There is no change in effective mass more than 50% from one story to the next. Light roofs, penthouses, and mezzanines need not be considered. (Commentary: Sec. A.2.2.6. Tier 2: Sec. 5.4.2.5)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	TORSION: The estimated distance between the story center of mass and the story center of rigidity is less than 20% of the building width in either plan dimension. (Commentary: Sec. A.2.2.7. Tier 2: Sec. 5.4.2.6)	

**Moderate Seismicity****Geologic Site Hazards**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LIQUEFACTION: Liquefaction-susceptible, saturated, loose granular soils that could jeopardize the building's seismic performance shall not exist in the foundation soils at depths within 50 ft under the building. (Commentary: Sec. A.6.1.1. Tier 2: 5.4.3.1)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	SLOPE FAILURE: The building site is sufficiently remote from potential earthquake-induced slope failures or rockfalls to be unaffected by such failures or is capable of accommodating any predicted movements without failure. (Commentary: Sec. A.6.1.2. Tier 2: 5.4.3.1)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	SURFACE FAULT RUPTURE: Surface fault rupture and surface displacement at the building site are not anticipated. (Commentary: Sec. A.6.1.3. Tier 2: 5.4.3.1)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

**High Seismicity****Foundation Configuration**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	OVERTURNING: The ratio of the least horizontal dimension of the seismic-force-resisting system at the foundation level to the building height (base/height) is greater than $0.6S_a$ . (Commentary: Sec. A.6.2.1. Tier 2: Sec. 5.4.3.3)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	TIES BETWEEN FOUNDATION ELEMENTS: The foundation has ties adequate to resist seismic forces where footings, piles, and piers are not restrained by beams, slabs, or soils classified as Site Class A, B, or C. (Commentary: Sec. A.6.2.2. Tier 2: Sec. 5.4.3.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

## 16.3LS Life Safety Structural Checklist for Building Type W2: Wood Frames, Commercial and Industrial

### Low and Moderate Seismicity

#### Lateral Seismic-Force-Resisting System

RATING				DESCRIPTION	COMMENTS
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	REDUNDANCY: The number of lines of shear walls in each principal direction is greater than or equal to 2. (Commentary: Sec. A.3.2.1.1. Tier 2: Sec. 5.5.1.1)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	SHEAR STRESS CHECK: The shear stress in the shear walls, calculated using the Quick Check procedure of Section 4.5.3.3, is less than the following values (Commentary: Sec. A.3.2.7.1. Tier 2: Sec. 5.5.3.1.1): Structural panel sheathing      1,000 lb/ft Diagonal sheathing                700 lb/ft Straight sheathing                 100 lb/ft All other conditions                100 lb/ft	Add plywood sheathing to roofs and walls at roof step.
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	STUCCO (EXTERIOR PLASTER) SHEAR WALLS: Multi-story buildings do not rely on exterior stucco walls as the primary seismic-force-resisting system. (Commentary: Sec. A.3.2.7.2. Tier 2: Sec. 5.5.3.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	GYPSON WALLBOARD OR PLASTER SHEAR WALLS: Interior plaster or gypsum wallboard is not used as shear walls on buildings more than one story high with the exception of the uppermost level of a multi-story building. (Commentary: Sec. A.3.2.7.3. Tier 2: Sec. 5.5.3.6.1)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	NARROW WOOD SHEAR WALLS: Narrow wood shear walls with an aspect ratio greater than 2-to-1 are not used to resist seismic forces. (Commentary: Sec. A.3.2.7.4. Tier 2: Sec. 5.5.3.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	WALLS CONNECTED THROUGH FLOORS: Shear walls have an interconnection between stories to transfer overturning and shear forces through the floor. (Commentary: Sec. A.3.2.7.5. Tier 2: Sec. 5.5.3.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	HILLSIDE SITE: For structures that are taller on at least one side by more than one-half story because of a sloping site, all shear walls on the downhill slope have an aspect ratio less than 1-to-1. (Commentary: Sec. A.3.2.7.6. Tier 2: Sec. 5.5.3.6.3)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	CRIPPLE WALLS: Cripple walls below first-floor-level shear walls are braced to the foundation with wood structural panels. (Commentary: Sec. A.3.2.7.7. Tier 2: Sec. 5.5.3.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	OPENINGS: Walls with openings greater than 80% of the length are braced with wood structural panel shear walls with aspect ratios of not more than 1.5-to-1 or are supported by adjacent construction through positive ties capable of transferring the seismic forces. (Commentary: Sec. A.3.2.7.8. Tier 2: Sec. 5.5.3.6.5)	Add plywood shear walls along corridors and solid exterior walls to account for large openings.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

**Connections**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	WOOD POSTS: There is a positive connection of wood posts to the foundation. (Commentary: Sec. A.5.3.3. Tier 2: Sec. 5.7.3.3)	Connect posts to footings.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	WOOD SILLS: All wood sills are bolted to the foundation. (Commentary: Sec. A.5.3.4. Tier 2: Sec. 5.7.3.3)	Connect wood sills to perimeter walls.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
C	NC	N/A	U	GIRDER-COLUMN CONNECTION: There is a positive connection using plates, connection hardware, or straps between the girder and the column support. (Commentary: Sec. A.5.4.1. Tier 2: Sec. 5.7.4.1)	Provide connections between posts and girders.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**High Seismicity****Diaphragms**

RATING				DESCRIPTION	COMMENTS
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	DIAPHRAGM CONTINUITY: The diaphragms are not composed of split-level floors and do not have expansion joints. (Commentary: Sec. A.4.1.1. Tier 2: Sec. 5.6.1.1)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	ROOF CHORD CONTINUITY: All chord elements are continuous, regardless of changes in roof elevation. (Commentary: Sec. A.4.1.3. Tier 2: Sec. 5.6.1.1)	Add tension and compression chords for all roof diaphragms.
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	DIAPHRAGM REINFORCEMENT AT OPENINGS: There is reinforcing around all diaphragm openings larger than 50% of the building width in either major plan dimension. (Commentary: Sec. A.4.1.8. Tier 2: Sec. 5.6.1.5)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	STRAIGHT SHEATHING: All straight sheathed diaphragms have aspect ratios less than 2-to-1 in the direction being considered. (Commentary: Sec. A.4.2.1. Tier 2: Sec. 5.6.2)	Add plywood sheathing.

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	SPANS: All wood diaphragms with spans greater than 24 ft consist of wood structural panels or diagonal sheathing. Wood commercial and industrial buildings may have rod-braced systems. (Commentary: Sec. A.4.2.2. Tier 2: Sec. 5.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	DIAGONALLY SHEATHED AND UNBLOCKED DIAPHRAGMS: All diagonally sheathed or unblocked wood structural panel diaphragms have horizontal spans less than 40 ft and aspect ratios less than or equal to 4-to-1. (Commentary: Sec. A.4.2.3. Tier 2: Sec. 5.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	OTHER DIAPHRAGMS: The diaphragm does not consist of a system other than wood, metal deck, concrete, or horizontal bracing. (Commentary: Sec. A.4.7.1. Tier 2: Sec. 5.6.5)	

**Connections**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	WOOD SILL BOLTS: Sill bolts are spaced at 6 ft or less, with proper edge and end distance provided for wood and concrete. (Commentary: A.5.3.7. Tier 2: Sec. 5.7.3.3)	Add sill plate connections.

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

## 16.17 Nonstructural Checklist

The Performance Level is designated LS for Life Safety or PR for Position Retention. The level of seismicity is designated as "not required" or by L, M, or H, for Low, Moderate, and High.

### All Seismicity Levels

#### Life Safety Systems

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-LMH; PR-LMH. FIRE SUPPRESSION PIPING: Fire suppression piping is anchored and braced in accordance with NFPA-13. (Commentary: Sec. A.7.13.1. Tier 2: Sec. 13.7.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. FLEXIBLE COUPLINGS: Fire suppression piping has flexible couplings in accordance with NFPA-13. (Commentary: Sec. A.7.13.2. Tier 2: Sec. 13.7.4)	Add ten.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. EMERGENCY POWER: Equipment used to power or control life safety systems is anchored or braced. (Commentary: Sec. A.7.12.1. Tier 2: Sec. 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR AND SMOKE DUCTS: Stair pressurization and smoke control ducts are braced and have flexible connections at seismic joints. (Commentary: Sec. A.7.14.1. Tier 2: Sec. 13.7.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. SPRINKLER CEILING CLEARANCE: Penetrations through panelized ceilings for fire suppression devices provide clearances in accordance with NFPA-13. (Commentary: Sec. A.7.13.3. Tier 2: Sec. 13.7.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-LMH. EMERGENCY LIGHTING: Emergency and egress lighting equipment is anchored or braced. (Commentary: Sec. A.7.3.1. Tier 2: Sec. 13.7.9)	

**Hazardous Materials**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. HAZARDOUS MATERIAL EQUIPMENT: Equipment mounted on vibration isolators and containing hazardous material is equipped with restraints or snubbers. (Commentary: Sec. A.7.12.2. Tier 2: 13.7.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. HAZARDOUS MATERIAL STORAGE: Breakable containers that hold hazardous material, including gas cylinders, are restrained by latched doors, shelf lips, wires, or other methods. (Commentary: Sec. A.7.15.1. Tier 2: Sec. 13.8.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. HAZARDOUS MATERIAL DISTRIBUTION: Piping or ductwork conveying hazardous materials is braced or otherwise protected from damage that would allow hazardous material release. (Commentary: Sec. A.7.13.4. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. SHUT-OFF VALVES: Piping containing hazardous material, including natural gas, has shut-off valves or other devices to limit spills or leaks. (Commentary: Sec. A.7.13.3. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. FLEXIBLE COUPLINGS: Hazardous material ductwork and piping, including natural gas piping, has flexible couplings. (Commentary: Sec. A.7.15.4, Tier 2: Sec.13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. PIPING OR DUCTS CROSSING SEISMIC JOINTS: Piping or ductwork carrying hazardous material that either crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.13.6. Tier 2: Sec.13.7.3, 13.7.5, and 13.7.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**Partitions**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-LMH; PR-LMH. UNREINFORCED MASONRY: Unreinforced masonry or hollow-clay tile partitions are braced at a spacing of at most 10 ft in Low or Moderate Seismicity, or at most 6 ft in High Seismicity. (Commentary: Sec. A.7.1.1. Tier 2: Sec. 13.6.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. HEAVY PARTITIONS SUPPORTED BY CEILINGS: The tops of masonry or hollow-clay tile partitions are not laterally supported by an integrated ceiling system. (Commentary: Sec. A.7.2.1. Tier 2: Sec. 13.6.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-MH; PR-MH. DRIFT: Rigid cementitious partitions are detailed to accommodate the following drift ratios: in steel moment frame, concrete moment frame, and wood frame buildings, 0.02; in other buildings, 0.005. (Commentary A.7.1.2 Tier 2: Sec. 13.6.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-MH. LIGHT PARTITIONS SUPPORTED BY CEILINGS: The tops of gypsum board partitions are not laterally supported by an integrated ceiling system. (Commentary: Sec. A.7.2.1. Tier 2: Sec. 13.6.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. STRUCTURAL SEPARATIONS: Partitions that cross structural separations have seismic or control joints. (Commentary: Sec. A.7.1.3. Tier 2. Sec. 13.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. TOPS: The tops of ceiling-high framed or panelized partitions have lateral bracing to the structure at a spacing equal to or less than 6 ft. (Commentary: Sec. A.7.1.4. Tier 2. Sec. 13.6.2)	

**Ceilings**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-LMH. SUSPENDED LATH AND PLASTER: Suspended lath and plaster ceilings have attachments that resist seismic forces for every 12 ft <sup>2</sup> of area. (Commentary: Sec. A.7.2.3. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-LMH. SUSPENDED GYPSUM BOARD: Suspended gypsum board ceilings have attachments that resist seismic forces for every 12 ft <sup>2</sup> of area. (Commentary: Sec. A.7.2.3. Tier 2: Sec. 13.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. INTEGRATED CEILINGS: Integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> , and ceilings of smaller areas that are not surrounded by restraining partitions, are laterally restrained at a spacing no greater than 12 ft with members attached to the structure above. Each restraint location has a minimum of four diagonal wires and compression struts, or diagonal members capable of resisting compression. (Commentary: Sec. A.7.2.2. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. EDGE CLEARANCE: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> have clearances from the enclosing wall or partition of at least the following: in Moderate Seismicity, 1/2 in.; in High Seismicity, 3/4 in. (Commentary: Sec. A.7.2.4. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. CONTINUITY ACROSS STRUCTURE JOINTS: The ceiling system does not cross any seismic joint and is not attached to multiple independent structures. (Commentary: Sec. A.7.2.5. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. EDGE SUPPORT: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> are supported by closure angles or channels not less than 2 in. wide. (Commentary: Sec. A.7.2.6. Tier 2: Sec. 13.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-not required; PR-H. SEISMIC JOINTS: Acoustical tile or lay-in panel ceilings have seismic separation joints such that each continuous portion of the ceiling is no more than 2500 ft <sup>2</sup> and has a ratio of long-to-short dimension no more than 4-to-1. (Commentary: Sec. A.7.2.7. Tier 2: 13.6.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Light Fixtures**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-MH; PR-MH. INDEPENDENT SUPPORT: Light fixtures that weigh more per square foot than the ceiling they penetrate are supported independent of the grid ceiling suspension system by a minimum of two wires at diagonally opposite corners of each fixture. (Commentary: Sec. A.7.3.2. Tier 2: Sec. 13.6.4 and 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-H. PENDANT SUPPORTS: Light fixtures on pendant supports are attached at a spacing equal to or less than 6 ft and, if rigidly supported, are free to move with the structure to which they are attached without damaging adjoining components. (Commentary: A.7.3.3. Tier 2: Sec. 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-H. LENS COVERS: Lens covers on light fixtures are attached with safety devices. (Commentary: Sec. A.7.3.4. Tier 2: Sec. 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**Cladding and Glazing**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. CLADDING ANCHORS: Cladding components weighing more than 10 lb/ft <sup>2</sup> are mechanically anchored to the structure at a spacing equal to or less than the following: for Life Safety in Moderate Seismicity, 6 ft; for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 ft. (Commentary: Sec. A.7.4.1. Tier 2: Sec. 13.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. CLADDING ISOLATION: For steel or concrete moment frame buildings, panel connections are detailed to accommodate a story drift ratio of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02. (Commentary: Sec. A.7.4.3. Tier 2: Section 13.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. MULTI-STORY PANELS: For multi-story panels attached at more than one floor level, panel connections are detailed to accommodate a story drift ratio of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02. (Commentary: Sec. A.7.4.4. Tier 2: Sec. 13.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. PANEL CONNECTIONS: Cladding panels are anchored out-of-plane with a minimum number of connections for each wall panel, as follows: for Life Safety in Moderate Seismicity, 2 connections; for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 connections. (Commentary: Sec. A.7.4.5. Tier 2: Sec. 13.6.1.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. BEARING CONNECTIONS: Where bearing connections are used, there is a minimum of two bearing connections for each cladding panel. (Commentary: Sec. A.7.4.6. Tier 2: Sec. 13.6.1.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. INSERTS: Where concrete cladding components use inserts, the inserts have positive anchorage or are anchored to reinforcing steel. (Commentary: Sec. A.7.4.7. Tier 2: Sec. 13.6.1.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-MH. OVERHEAD GLAZING: Glazing panes of any size in curtain walls and individual interior or exterior panes over 16 ft <sup>2</sup> in area are laminated annealed or laminated heat-strengthened glass and are detailed to remain in the frame when cracked. (Commentary: Sec. A.7.4.8: Tier 2: Sec. 13.6.1.5)	

**Masonry Veneer**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. TIES: Masonry veneer is connected to the backup with corrosion-resistant ties. There is a minimum of one tie for every 2-2/3 ft <sup>2</sup> , and the ties have spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 36 in.; for Life Safety in High Seismicity and for Position Retention in any seismicity, 24 in. (Commentary: Sec. A.7.5.1. Tier 2: Sec. 13.6.1.2)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. SHELF ANGLES: Masonry veneer is supported by shelf angles or other elements at each floor above the ground floor. (Commentary: Sec. A.7.5.2. Tier 2: Sec. 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. WEAKENED PLANES: Masonry veneer is anchored to the backup adjacent to weakened planes, such as at the locations of flashing. (Commentary: Sec. A.7.5.3. Tier 2: Sec. 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. UNREINFORCED MASONRY BACKUP: There is no unreinforced masonry backup. (Commentary: Sec. A.7.7.2. Tier 2: Section 13.6.1.1 and 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. STUD TRACKS: For veneer with metal stud backup, stud tracks are fastened to the structure at a spacing equal to or less than 24 in. on center. (Commentary: Sec. A.7.6.1. Tier 2: Section 13.6.1.1 and 13.6.1.2)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. ANCHORAGE: For veneer with concrete block or masonry backup, the backup is positively anchored to the structure at a horizontal spacing equal to or less than 4 ft along the floors and roof. (Commentary: Sec. A.7.7.1. Tier 2: Section 13.6.1.1 and 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. WEEP HOLES: In veneer anchored to stud walls, the veneer has functioning weep holes and base flashing. (Commentary: Sec. A.7.5.6. Tier 2: Section 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. OPENINGS: For veneer with metal stud backup, steel studs frame window and door openings. (Commentary: Sec. A.7.6.2. Tier 2: Sec. 13.6.1.1 and 13.6.1.2)	

**Parapets, Cornices, Ornamentation, and Appendages**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. URM PARAPETS OR CORNICES: Laterally unsupported unreinforced masonry parapets or cornices have height-to-thickness ratios no greater than the following: for Life Safety in Low or Moderate Seismicity, 2.5; for Life Safety in High Seismicity and for Position Retention in any seismicity, 1.5. (Commentary: Sec. A.7.8.1. Tier 2: Sec. 13.6.5)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. CANOPIES: Canopies at building exits are anchored to the structure at a spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 10 ft; for Life Safety in High Seismicity and for Position Retention in any seismicity, 6 ft. (Commentary: Sec. A.7.8.2. Tier 2: Sec. 13.6.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-LMH. CONCRETE PARAPETS: Concrete parapets with height-to-thickness ratios greater than 2.5 have vertical reinforcement. (Commentary: Sec. A.7.8.3. Tier 2: Sec. 13.6.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-LMH. APPENDAGES: Cornices, parapets, signs, and other ornamentation or appendages that extend above the highest point of anchorage to the structure or cantilever from components are reinforced and anchored to the structural system at a spacing equal to or less than 6 ft. This checklist item does not apply to parapets or cornices covered by other checklist items. (Commentary: Sec. A.7.8.4. Tier 2: Sec. 13.6.6)	

**Masonry Chimneys**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. URM CHIMNEYS: Unreinforced masonry chimneys extend above the roof surface no more than the following: for Life Safety in Low or Moderate Seismicity, 3 times the least dimension of the chimney; for Life Safety in High Seismicity and for Position Retention in any seismicity, 2 times the least dimension of the chimney. (Commentary: Sec. A.7.9.1. Tier 2: 13.6.7)	Remove chimney.

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C	NC	N/A	U	LS-LMH; PR-LMH. ANCHORAGE: Masonry chimneys are anchored at each floor level, at the topmost ceiling level, and at the roof. (Commentary: Sec. A.7.9.2. Tier 2: 13.6.7)	Remove brick chimney.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Stairs**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR ENCLOSURES: Hollow-clay tile or unreinforced masonry walls around stair enclosures are restrained out-of-plane and have height-to-thickness ratios not greater than the following: for Life Safety in Low or Moderate Seismicity, 15-to-1; for Life Safety in High Seismicity and for Position Retention in any seismicity, 12-to-1. (Commentary: Sec. A.7.10.1. Tier 2: Sec. 13.6.2 and 13.6.8)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR DETAILS: In moment frame structures, the connection between the stairs and the structure does not rely on shallow anchors in concrete. Alternatively, the stair details are capable of accommodating the drift calculated using the Quick Check procedure of Section 4.5.3.1 without including any lateral stiffness contribution from the stairs. (Commentary: Sec. A.7.10.2. Tier 2: 13.6.8)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Contents and Furnishings**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-MH; PR-MH. INDUSTRIAL STORAGE RACKS: Industrial storage racks or pallet racks more than 12 ft high meet the requirements of ANSI/MH 16.1 as modified by ASCE 7 Chapter 15. (Commentary: Sec. A.7.11.1. Tier 2: Sec. 13.8.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-MH. TALL NARROW CONTENTS: Contents more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 are anchored to the structure or to each other. (Commentary: Sec. A.7.11.2. Tier 2: Sec. 13.8.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-H. FALL-PRONE CONTENTS: Equipment, stored items, or other contents weighing more than 20 lb whose center of mass is more than 4 ft above the adjacent floor level are braced or otherwise restrained. (Commentary: Sec. A.7.11.3. Tier 2: Sec. 13.8.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. ACCESS FLOORS: Access floors more than 9 in. high are braced. (Commentary: Sec. A.7.11.4. Tier 2: Sec. 13.8.3)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. EQUIPMENT ON ACCESS FLOORS: Equipment and other contents supported by access floor systems are anchored or braced to the structure independent of the access floor. (Commentary: Sec. A.7.11.5. Tier 2: Sec. 13.7.7 and 13.8.3)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-not required; PR-H. SUSPENDED CONTENTS: Items suspended without lateral bracing are free to swing from or move with the structure from which they are suspended without damaging themselves or adjoining components. (Commentary. A.7.11.6. Tier 2: Sec. 13.8.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Mechanical and Electrical Equipment**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-H; PR-H. FALL-PRONE EQUIPMENT: Equipment weighing more than 20 lb whose center of mass is more than 4 ft above the adjacent floor level, and which is not in-line equipment, is braced. (Commentary: A.7.12.4. Tier 2: 13.7.1 and 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-H; PR-H. IN-LINE EQUIPMENT: Equipment installed in-line with a duct or piping system, with an operating weight more than 75 lb, is supported and laterally braced independent of the duct or piping system. (Commentary: Sec. A.7.12.5. Tier 2: Sec. 13.7.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-H; PR-MH. TALL NARROW EQUIPMENT: Equipment more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 is anchored to the floor slab or adjacent structural walls. (Commentary: Sec. A.7.12.6. Tier 2: Sec. 13.7.1 and 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. MECHANICAL DOORS: Mechanically operated doors are detailed to operate at a story drift ratio of 0.01. (Commentary: Sec. A.7.12.7. Tier 2: Sec. 13.6.9)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SUSPENDED EQUIPMENT: Equipment suspended without lateral bracing is free to swing from or move with the structure from which it is suspended without damaging itself or adjoining components. (Commentary: Sec. A.7.12.8. Tier 2: Sec. 13.7.1 and 13.7.7)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. VIBRATION ISOLATORS: Equipment mounted on vibration isolators is equipped with horizontal restraints or snubbers and with vertical restraints to resist overturning. (Commentary: Sec. A.7.12.9. Tier 2: Sec. 13.7.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. HEAVY EQUIPMENT: Floor-supported or platform-supported equipment weighing more than 400 lb is anchored to the structure. (Commentary: Sec. A.7.12.10. Tier 2: 13.7.1 and 13.7.7)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. ELECTRICAL EQUIPMENT: Electrical equipment is laterally braced to the structure. (Commentary: Sec. A.7.12.11. Tier 2: 13.7.7)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. CONDUIT COUPLINGS: Conduit greater than 2.5 in. trade size that is attached to panels, cabinets, or other equipment and is subject to relative seismic displacement has flexible couplings or connections. (Commentary: Sec. A.7.12.12. Tier 2: 13.7.8)	

**Piping**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. FLEXIBLE COUPLINGS: Fluid and gas piping has flexible couplings. (Commentary: Sec. A.7.13.2. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. FLUID AND GAS PIPING: Fluid and gas piping is anchored and braced to the structure to limit spills or leaks. (Commentary: Sec. A.7.13.4. Tier 2: Sec. 13.7.3 and 13.7.5)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. C-CLAMPS: One-sided C-clamps that support piping larger than 2.5 in. in diameter are restrained. (Commentary: Sec. A.7.13.5. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. PIPING CROSSING SEISMIC JOINTS: Piping that crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.13.6. Tier 2: Sec. 13.7.3 and Sec. 13.7.5)	

**Ducts**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. DUCT BRACING: Rectangular ductwork larger than 6 ft <sup>2</sup> in cross-sectional area and round ducts larger than 28 in. in diameter are braced. The maximum spacing of transverse bracing does not exceed 30 ft. The maximum spacing of longitudinal bracing does not exceed 60 ft. (Commentary: Sec. A.7.14.2. Tier 2: Sec. 13.7.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. DUCT SUPPORT: Ducts are not supported by piping or electrical conduit. (Commentary: Sec. A.7.14.3. Tier 2: Sec. 13.7.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-not required; PR-H. DUCTS CROSSING SEISMIC JOINTS: Ducts that cross seismic joints or isolation planes or are connected to independent structures have couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.14.5, Tier 2: Sec. 13.7.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Elevators**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-H; PR-H. RETAINER GUARDS: Sheaves and drums have cable retainer guards. (Commentary: Sec. A.7.16.1, Tier 2: 13.8.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-H; PR-H. RETAINER PLATE: A retainer plate is present at the top and bottom of both car and counterweight. (Commentary: Sec. A.7.16.2, Tier 2: 13.8.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-H. ELEVATOR EQUIPMENT: Equipment, piping, and other components that are part of the elevator system are anchored. (Commentary: Sec. A.7.16.3, Tier 2: 13.8.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SEISMIC SWITCH: Elevators capable of operating at speeds of 150 ft/min or faster are equipped with seismic switches that meet the requirements of ASME A17.1 or have trigger levels set to 20% of the acceleration of gravity at the base of the structure and 50% of the acceleration of gravity in other locations. (Commentary: Sec. A.7.16.4. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SHAFT WALLS: Elevator shaft walls are anchored and reinforced to prevent toppling into the shaft during strong shaking. (Commentary: Sec. A.7.16.5. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. COUNTERWEIGHT RAILS: All counterweight rails and divider beams are sized in accordance with ASME A17.1. (Commentary: Sec. A.7.16.6. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. BRACKETS: The brackets that tie the car rails and the counterweight rail to the structure are sized in accordance with ASME A17.1. (Commentary: Sec. A.7.16.7. Tier 2: 13.8.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SPREADER BRACKET: Spreader brackets are not used to resist seismic forces. (Commentary: Sec. A.7.16.8. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. GO-SLOW ELEVATORS: The building has a go-slow elevator system. (Commentary: Sec. A.7.16.9. Tier 2: 13.8.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

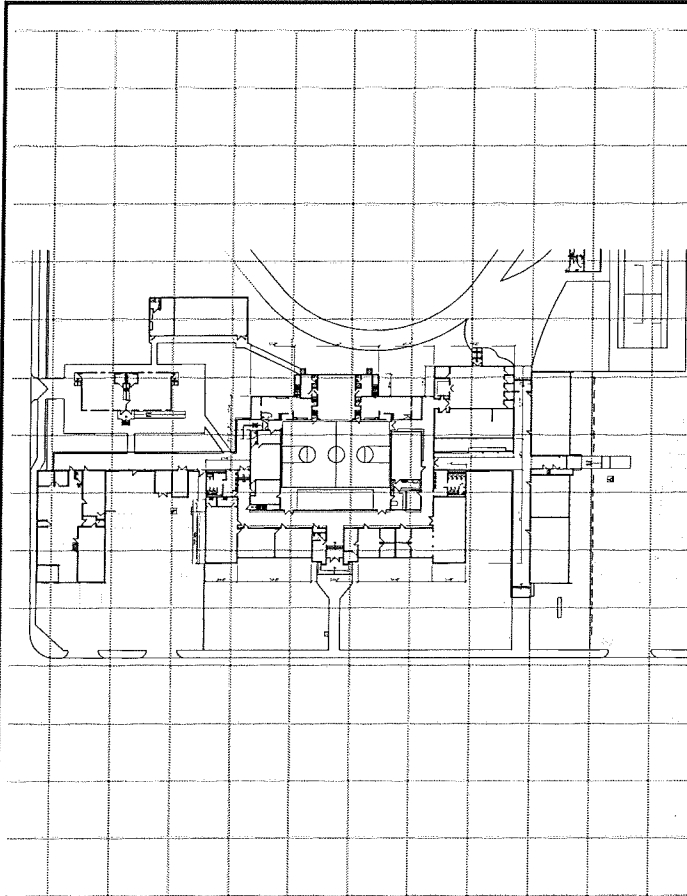
# APPENDIX B

## RVS REPORT

# Rapid Visual Screening of Buildings for Potential Seismic Hazards

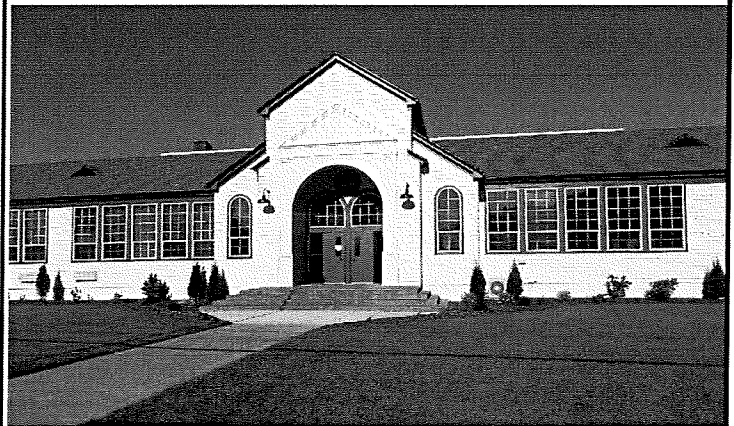
FEMA-154 Data Collection Form

**HIGH Seismicity**



Scale:

Address: 65 Pioneer Street  
Lowell, OR Zip 97452  
 Other Identifiers \_\_\_\_\_  
 No. Stories 1 Year Built 1942  
 Screener R. Kernan Date 10-29-15  
 Total Floor Area (sq. ft.) \_\_\_\_\_  
 Building Name Lowell High School  
 Use School



OCCUPANCY			SOIL		TYPE						FALLING HAZARDS			
Assembly	Govt	Office	Number of Persons		A	B	C	D	E	F	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	Historic	Residential	0 - 10	11 - 100	Hard	Avg.	Dense	Stiff	Soft	Poor	Unreinforced	Parapets	Cladding	Other:
Emer. Services	Industrial	<u>School</u>	<u>101-1000</u>	1000+	Rock	Rock	Soil	Soil	Soil	Soil	Chimneys			

## BASIC SCORE, MODIFIERS, AND FINAL SCORE, S

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	<u>3.8</u>	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	<u>-0.5</u>	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	<u>-1.0</u>	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	<u>-0.4</u>	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	<u>-0.8</u>	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

**FINAL SCORE, S** 2.3

### COMMENTS

Detailed  
Evaluation  
Required

YES NO

\* = Estimated, subjective, or unreliable data  
 DNK = Do Not Know

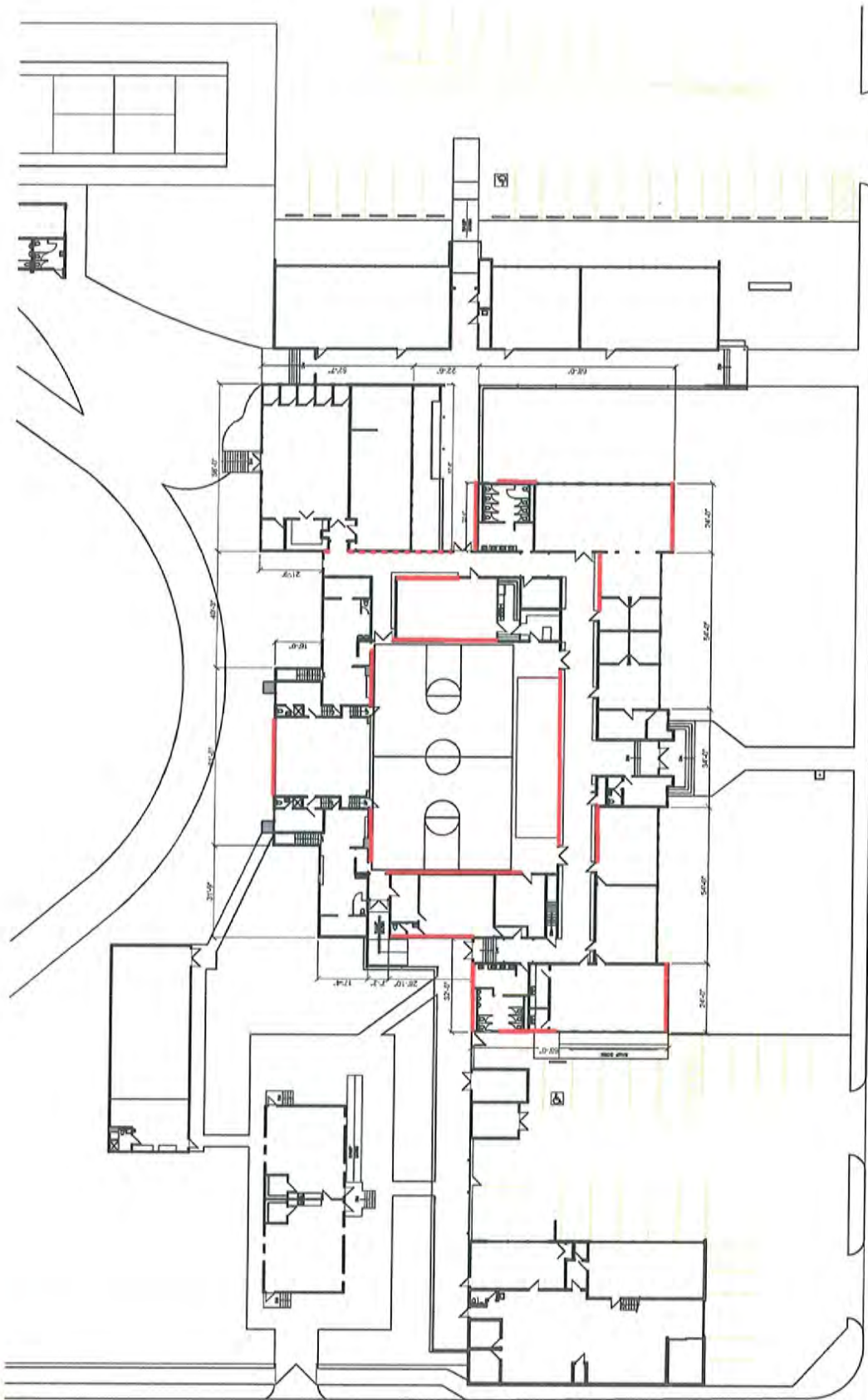
BR = Braced frame  
 FD = Flexible diaphragm  
 LM = Light metal

MRF = Moment-resisting frame  
 RC = Reinforced concrete  
 RD = Rigid diaphragm

SW = Shear wall  
 TU = Tilt up  
 URM INF = Unreinforced masonry infill

## APPENDIX C

### STRENGTHENING SCHEME



Indicates new plywood shear walls, 15/32 STR 1 w/10d @ 4" o.c. @ edges & 12" o.c. in field & HDU8 each end.

Indicates new seismic joint.

Add Simpson universal foundation plate, UPF @ 6" o.c. at perimeter on classroom wing & gym.

$\frac{1}{32}" = 1'-0"$

## Lowell High School Seismic Upgrades

### Scope of work

1. At new interior shear walls
  - Demolition:
    - Remove existing finishes on one side of the wall
    - Remove existing ceiling finishes within two feet of the existing wall – extend the length of the wall
    - Remove existing floor finishes the length of the wall
  - Footings
    - Excavate for new footings below interior shear walls
    - Install new 4'-0" wide by 15" thick strip footings with #4 Rebar at 8" o/c each way
  - Shear wall
    - Install sill plate at the footing with AB at 2'-0" o/c
    - Install new studs from the footing up to the bottom of the existing wall 16" o/c
    - Install 15/32" plywood sheathing full height of wall w/ 10d@4" o/c at edges and 12" o/c in the field.
    - Install a HDU8 at each end of the shear wall
    - Attach the top of the shear wall to framing with appropriate metal straps to provide a positive connection between the shear wall and the roof structure
  - Finishes
    - Install new veneer plaster wall finish with hardwood trim and wainscot to match existing finishes.
    - Paint all materials to match existing
2. At new perimeter shear walls
  - Demolition:
    - Remove existing finishes on the interior side of the wall
    - Remove existing ceiling finishes within two feet of the existing wall – extend the length of the wall
    - Remove existing floor finishes at the wall ends
  - Footings
    - Install one HDU8 at each end of the shear wall
  - Shear wall
    - Install 15/32" plywood sheathing full height of wall w/ 10d@4" o/c at edges and 12" o/c in the field.
    - Attach the top of the shear wall to framing with appropriate metal straps to provide a positive connection between the shear wall and the roof structure
3. At all perimeter walls
  - Install Simpson universal foundation plate, UPF at 6" o/c
4. At the new seismic joint

- Demolition:
    - Temporarily shore existing roof structure at hallway
    - Cut a 2" joint through the existing wood decking along the existing wall
  - New supports:
    - Install a new 2x4 wall. studs at 16" oc
    - Install new veneer plaster finish with wainscot and wood trim to match existing
    - Paint all to match existing
  - Seismic joint cover
    - Install new seismic joint cover at the exterior roof to wall connection.
    - Patch roofing and wall as necessary
5. Remove existing chimneys.
- Remove existing chimneys down to the roof level

## Oregon Seismic Rehabilitation Grant Application: Benefit-Cost Analysis

Entity:	Lowell High School		
Point of Contact	Debi McNamara		
Telephone:	541-937-8405		
E-Mail:	<a href="mailto:dmcnamara@lowell.k12.or.us">dmcnamara@lowell.k12.or.us</a>		
BCA File Name:	BCA-Lowell High School-xls	BCA Date:	9/28/2015

Building Name:	Lowell High School-71		
Site ID:	Lowell HS-A		
Facility Use:	School		

Is the Building in the Oregon BCA Tool Database: Yes or No?

No

How Many Structurally Different Building Parts Are There?

User-Defined	Database
	Not Listed

Unique Building ID Number	Building Part Square Footage	Percent of Total SF	Percent of Occupancy	Percent of Budget	Building Part Being Retrofitted?
Lowell HS-AA	23,506	100.00%			Yes
<b>Totals:</b>	<b>23,506</b>	<b>100.00%</b>			

Seismic Retrofit Cost Estimate per SRGP Application:

\$1,136,017



**Benefit-Cost Analysis: Summary Results**  
**Lowell High School-71**

Building Part	Benefits	Benefits by Category	
Lowell HS-AA	\$1,778,921	Avoided Damages and Losses	
		Building Damage	\$313,138
		Contents Damage	\$78,285
		Displacement Costs	\$29,709
		Loss of Function Costs	\$10,137
		Casualties	\$1,347,652
		<b>Total</b>	<b>\$1,778,921</b>
<b>Total Benefits</b>	<b>\$1,778,921</b>		
<b>Total Cost</b>	<b>\$1,136,017</b>		
<b>Benefit-Cost Ratio</b>	<b>1.566</b>		

Occupancy Data	
----------------	--

For benefit-cost analysis, the average occupancy on a 24/7/365 basis is used for casualty calculations.

Enter data below ONLY for the occupancy categories applicable to this building - all other green cell entries should be left blank.

There are entries below for: employees, visitors, students, meetings or special events and patients.

For benefit-cost analysis, the average occupancy on a 24/7/365 basis is used for casualty calculations.

Enter data below ONLY for the occupancy categories applicable to this building - all other green cell entries should be left blank.

There are entries below for: employees, visitors, students, meetings or special events and patients.

For benefit-cost analysis, the average occupancy on a 24/7/365 basis is used for casualty calculations.

Enter data below ONLY for the occupancy categories applicable to this building - all other green cell entries should be left blank.

There are entries below for: employees, visitors, students, meetings or special events and patients.

**NOTE: for buildings with similar occupancies each month, complete the tables on the left side only.**

**NOTE: For buildings with different summer occupancies, complete the tables both on the left and right sides. If this does not apply, enter "0" for number of summer months**

Employees: 12 Months per Year or Academic Year for Schools				
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy
Monday - Friday	Day	8	20	3.562
Monday - Friday	Evening	3	3	0.200
Monday - Friday	Night			
Saturday	Day			
Saturday	Evening			
Saturday	Night			
Sunday	Day			
Sunday	Evening			
Sunday	Night			
			<b>Subtotal:</b>	<b>3.762</b>

Employees: Summer Months			Number of Months:	3
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy
Monday - Friday	Day	8	5	0.297
Monday - Friday	Evening	3	3	0.067
Monday - Friday	Night			
Saturday	Day			
Saturday	Evening			
Saturday	Night			
Sunday	Day			
Sunday	Evening			
Sunday	Night			
			<b>Subtotal:</b>	<b>0.364</b>

Visitors: 12 Months per Year or Academic Year for Schools			
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy
Monday - Friday	50	240	4.452
Saturday	30	180	0.401
Sunday			
		<b>Subtotal:</b>	<b>4.853</b>

Visitors: Summer Months		Number of Months:	3
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy
Monday - Friday	5	180	0.111
Saturday	2	60	0.003
Sunday			
		Subtotal:	0.114

<b>K-12 Students: Academic Year</b>	
<b>Average Daily Number of Students:</b>	<b>159</b>
<b>Hours per Day:</b>	<b>7</b>
<b>Days per Year:</b>	<b>175</b>
<b>Calculated 247/365 Occupancy:</b>	<b>22.235</b>

<b>K-12 Students: Summer School</b>	
<b>Average Daily Number of Students:</b>	<b>25</b>
<b>Hours per Day:</b>	<b>3</b>
<b>Days per Year:</b>	<b>20</b>
<b>Calculated 247/365 Occupancy:</b>	<b>0.171</b>

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Occupancy Data	
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[illegible]

Patients			
Total Number of In-Patient Beds:			
Average Daily Number of In-Patients			
Average Percentage Occupancy			
Day of Week	Average Number of Out-Patients per Day	Average Time in Building (Hours)	Calculated 24/7/365 Occupancy
Monday - Friday			
Saturday			
Sunday			
		Out-Patients:	
		In-Patients:	
		Total Patients:	

## Occupancy Data

### SUMMARY OCCUPANCY DATA: Average 24/7/365 Occupancy

Occupancy Category	12 Months Academic Year	or Summer
Employees	3.762	0.364
Visitors	4.853	0.114
Students: K-12	22.235	0.171
Students: College		
Meetings & Special Events	2.844	N/A
Patients		N/A
Subtotals:	33.694	0.649
Avg 24/7/365 Occupancy:	34.343	

### Instructions

These tables calculate the inputs required to determine the average 247/365 occupancy for the classes in the building. The tables are organized by course duration (1 hr, 1.5 hr, etc) with two additional tables provided to capture different course lengths.

Do not duplicate information that has already been provided on the Occupancy worksheet.

Enter requested course data into the green shaded cells. Tables for the Academic Year are in Row 9, Tables for Summer School are in Row 64. Use the Other / Additional Courses tables for class durations that aren't specified elsewhere or if additional space is required.

Occupancy data entered on this page are generally available for and entered for the entire school or facility and then allocated to building parts on the Main Page

However, if you enter data on the Main Page for only parts of a facility, then the occupancy data on this page must also be only for those facility parts entered on the Main Page.

See: USER GUIDE PAGES 16-17  
for further guidance

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## Annual Operating Budget for this Facility

### Employees:

	Classification	Number of FTEs <sup>1</sup>	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Teachers	6	\$39,656	43.00%	\$340,248
2	Administrators	1.6	\$36,757	43.00%	\$84,100
3	Confidential	1.05	\$16,722	52.00%	\$26,688
4	Classified	5.82	\$16,739	62.00%	\$157,822
5					\$0
6					\$0
7					\$0
8					\$0
9					\$0
10					\$0
Total Number of FTEs:		14.47		Subtotal:	\$608,859

<sup>1</sup> FTEs: Full time equivalents

### Other Building Expenses

Category	Annual Cost
Supplies	\$31,950
Building Maintenance	\$14,920
Utilities	\$25,304
Insurance	\$13,662
Rent	\$0
Average Annual Capital Goods	\$78,787
OTHER: specify below	
Percent of District Office/Headquarters Annual Operating Budget Attributed to This Building:	50.00%
	\$51,370
If rent is zero (building owned), a proxy rent is calculated automatically, based on the value of the building:	\$510,080
Subtotal:	\$726,073

<b>Total Building Annual Operating Budget:</b>	<b>\$1,334,932</b>
--	--------------------

## Annual Operating Budget for this Facility

For entities with multiple facilities, a fraction of the operating budget for a District Office of Headquarters building may be attributed to the building being retrofitted. That is, the annual operating budget for the building above may include part of the operating budget for the District Office or Headquarters Building.

If so, complete the following tables:

### District Office/Headquarters Building Employees

	Classification	Number of FTEs <sup>1</sup>	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Administrators	0.33	\$32,000	47.00%	\$15,523
2	Confidential	1.74	\$27,542	36.00%	\$65,175
3					\$0
4					\$0
5					\$0
6					\$0
7					\$0
8					\$0
9					\$0
10					\$0
Total Number of FTEs:		2.07		Subtotal:	\$80,699

### District Office/Headquarters Building Expenses

Category	Annual Cost
Supplies	\$1,550
Building maintenance	
Utilities	
Insurance	
Rent	
Average Annual Capital Goods	
OTHER: specify below	
Enter replacement value of building:	\$292,731
If rent is zero (building owned), a proxy rent is calculated	\$20,491
Subtotal:	\$22,041

<b>Total Annual Operating Budget for District Office/Headquarters Building:</b>	<b>\$102,740</b>
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## Building Part A: Data for Benefit-Cost Analysis

<b>Building Name:</b>	Lowell High School-71
<b>Building ID:</b>	Lowell HS-AA
<b>Building Part Name / Description:</b>	Original Classroom Building

### Evaluation for Building Part A

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.344
	5% in 50 year	0.249
	10% in 50 year	0.167
	20% in 50 year	0.081
Spectral Accelerations (g)	S <sub>XS</sub> , 2% in 50 year	0.800
	S <sub>X1</sub> , 2% in 50 year	0.541
	S <sub>XS</sub> , 10% in 50 year	0.353
	S <sub>X1</sub> , 10% in 50 year	0.234

Data Entry Item	User Entered Values	Default Values	Used for BCA
<b>Site Data</b>			
County	Lane		Lane
Decimal Latitude	43.91724		43.91724
Decimal Longitude	122.78105		122.78105
Soil Type	D		D
<b>Construction Data</b>			
Primary Structure Type (FEMA 154)	W2		W2
Number of Stories	1		1
Year Built	1942		1942
<b>Rapid Visual Screening Data</b>			
Severe Vertical Irregularity	No		No
Moderate Vertical Irregularity			
Plan Irregularity	Yes		Yes
Pre-Code	No		No
Post-Benchmark	No		No
<b>Building Data</b>			
Historic Importance	None	None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	23,506	N/A	23,506
Building Replacement - \$/SF	\$310.00	\$250.00	\$310.00
Building Replacement Value - \$	N/A	N/A	\$7,286,860
Historic Building Replacement - \$/SF	N/A	N/A	\$310.00
Historic Building Replacement Value - \$	N/A	N/A	\$7,286,860
Contents Value - % of Building Value		25%	25%
Displacement Costs - \$/SF/month		\$1.50	\$1.50
Displacement Costs - One Time		\$1.35	\$1.35
Average Annual Occupancy	0.00	34.34	34.34
Annual Operating Budget	\$0	\$1,334,932	\$1,334,932
<b>Seismic Fragility Curves</b>			
<b>Before Mitigation</b>			
Slight Damage State		0.09	0.09
Moderate Damage State		0.14	0.14
Extensive Damage State		0.28	0.28
Complete Damage State		0.45	0.45
Beta		0.66	0.66
<b>After Mitigation</b>			
Retrofit Building Type	S1	W2	S1
Retrofit Performance Objective	IO	LS	IO
Slight Damage State		0.24	0.24
Moderate Damage State		0.42	0.42
Extensive Damage State		0.87	0.87
Complete Damage State		2.06	2.06
Beta		0.62	0.62



### Data Documentation: Building Part A

Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.

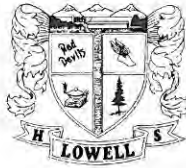
Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value \$/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs \$/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

Lowell Jr./Sr. High  
65 South Pioneer Street  
Lowell, Oregon 97452  
541-937-2124  
FAX 937-2112

Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105  
FAX 937-8709

## LANE COUNTY SCHOOL DISTRICT 71 Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline  
Superintendent  
541-937-2124  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

Kay Graham  
K-12 Principal  
541-937-2124  
[kgraham@lowell.k12.or.us](mailto:kgraham@lowell.k12.or.us)

December 18<sup>th</sup>, 2015

To Whom It May Concern,

Please see the attached contract in which the Lowell School District has contracted with gLAs Architects to provide the engineering reports and to assist with the coordination of the Seismic Rehabilitation Grant Program application.

This cost to the district, \$27,550, is a match commitment source in this application.

*Walt T. Hanline*

Walt Hanline  
Superintendent  
Lowell School District



# Document B105™ – 2007

## *Standard Form of Agreement Between Owner and Architect for a Residential or Small Commercial Project*

**AGREEMENT** made as of the Nineteenth day of November in the year Two Thousand Fifteen

*(In words, indicate day, month and year.)*

**BETWEEN** the Owner:

*(Name, legal status, address and other information)*

Lowell School District  
65 South Pioneer Street  
Lowell, Oregon 97452

and the Architect:

*(Name, legal status, address and other information)*

gLAs Architects, LLC  
115 West 8th Avenue, Suite 285  
Eugene, Oregon 97401

for the following Project:

*(Name, location and detailed description)*

Lowell School District  
Seismic Grant Study

The Owner and Architect agree as follows.

### **ADDITIONS AND DELETIONS:**

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

State or local law may impose requirements on contracts for home improvements. If this document will be used for Work on the Owner's residence, the Owner should consult local authorities or an attorney to verify requirements applicable to this Agreement.

Init.

AIA Document B105™ – 2007 (formerly B155™ – 1993). Copyright © 1993 and 2007 by The American Institute of Architects. All rights reserved. **WARNING:** This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was produced by AIA software at 09:23:32 on 11/18/2015 under Order No.4648038985\_1 which expires on 04/13/2016, and is not for resale.  
User Notes: (880103777)

1

## ARTICLE 1 ARCHITECT'S RESPONSIBILITIES

The Architect shall provide architectural services for the Project as described in this Agreement in a manner consistent with locally accepted standards for professional skill and care. The Architect shall assist the Owner in determining consulting services required for the Project. The Architect's services include the following consulting services, if any:

| As described in attached Exhibit A.

During the Design Phase, the Architect shall review the Owner's scope of work, budget and schedule and reach an understanding with the Owner of the Project requirements. Based on the approved Project requirements, the Architect shall develop a design. Upon the Owner's approval of the design, the Architect shall prepare Construction Documents indicating requirements for construction of the Project and shall coordinate its services with any consulting services the Owner provides. The Architect shall assist the Owner in filing documents required for the approval of governmental authorities, in obtaining proposals and in awarding contracts for construction.

During the Construction Phase, the Architect shall act as the Owner's representative and provide administration of the Contract between the Owner and Contractor. The extent of the Architect's authority and responsibility during construction is described in AIA Document A105™-2007, Standard Form of Agreement Between Owner and Contractor for a Residential or Small Commercial Project. Generally, the Architect's services during construction include interpreting the Contract Documents, reviewing the Contractor's submittals, visiting the site, reviewing and certifying payments, and rejecting nonconforming Work.

## ARTICLE 2 OWNER'S RESPONSIBILITIES

The Owner shall provide full information about the objectives, schedule, constraints and existing conditions of the Project, and shall establish a budget that includes reasonable contingencies and meets the Project requirements. The Owner shall provide decisions and furnish required information as expeditiously as necessary for the orderly progress of the Project. The Architect shall be entitled to rely on the accuracy and completeness of the Owner's information. The Owner shall furnish consulting services not provided by the Architect, but required for the Project, such as surveying, which shall include property boundaries, topography, utilities, and wetlands information; geotechnical engineering; and environmental testing services. The Owner shall employ a Contractor, experienced in the type of Project to be constructed, to perform the construction Work and to provide price information.

## ARTICLE 3 USE OF DOCUMENTS

Drawings, specifications and other documents prepared by the Architect are instruments of the Architect's service and are for the Owner's use solely with respect to this Project. The Architect shall retain all common law, statutory and other reserved rights, including the copyright. Upon completion of the Project or termination of this Agreement, the Owner's right to use the instruments of service shall cease. When transmitting copyright-protected information for use on the Project, the transmitting party represents that it is either the copyright owner of the information, or has permission from the copyright owner to transmit the information for its use on the Project.

## ARTICLE 4 TERMINATION, SUSPENSION OR ABANDONMENT

In the event of termination, suspension or abandonment of the Project by the Owner, the Architect shall be compensated for services performed. The Owner's failure to make payments in accordance with this Agreement shall be considered substantial nonperformance and sufficient cause for the Architect to suspend or terminate services. Either the Architect or the Owner may terminate this Agreement after giving no less than seven days' written notice if the Project is suspended for more than 90 days, or if the other party substantially fails to perform in accordance with the terms of this Agreement.

## ARTICLE 5 MISCELLANEOUS PROVISIONS

This Agreement shall be governed by the law of the place where the Project is located. Terms in this Agreement shall have the same meaning as those in AIA Document A105-2007, Standard Form of Agreement Between Owner and Contractor for a Residential or Small Commercial Project. Neither party to this Agreement shall assign the contract as a whole without written consent of the other.

Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Owner or the Architect.

Init.

AIA Document B105™ - 2007 (formerly B155™ - 1993). Copyright © 1993 and 2007 by The American Institute of Architects. All rights reserved. WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was produced by AIA software at 09:23:32 on 11/18/2015 under Order No.4648038985\_1 which expires on 04/13/2016, and is not for resale. User Notes: (880103777)

The Architect and Architect's consultants shall have no responsibility for the identification, discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials in any form at the Project site.

#### ARTICLE 6 PAYMENTS AND COMPENSATION TO THE ARCHITECT

The Architect's Compensation shall be:

A fixed fee of Twenty Seven Thousand Five Hundred Fifty Dollars (\$27,550.00).

The Owner shall pay the Architect an initial payment of Zero Dollars and Zero Cents (\$0.00) as a minimum payment under this Agreement. The initial payment shall be credited to the final invoice.

The Owner shall reimburse the Architect for expenses incurred in the interest of the Project, plus Ten percent (10.00%).

Payments are due and payable upon receipt of the Architect's monthly invoice. Amounts unpaid Thirty ( 30 ) days after the invoice date shall bear interest from the date payment is due at the rate of Twelve percent (12.00%) per annum , or in the absence thereof, at the legal rate prevailing at the principal place of business of the Architect.

At the request of the Owner, the Architect shall provide services not included in Article 1 for additional compensation. Such services may include providing or coordinating services of consultants not identified in Article 1; revisions due to changes in the scope, quality or budget; evaluating changes in the Work and Contractors' requests for substitutions of materials or systems; and services not completed within Six ( 6 ) months of the date of this Agreement through no fault of the Architect.

#### ARTICLE 7 OTHER PROVISIONS

*(Insert descriptions of other services and modifications to the terms of this Agreement.)*

This Agreement entered into as of the day and year first written above.

OWNER

  
(Signature)

  
(Printed name and title)

ARCHITECT

  
(Signature)

Walter R. Gresl, AIA

Principal/Member

(Printed name and title)

Init.



EXHIBIT A

*gLas*  
*Architects, LLC*

115 West 8<sup>th</sup> Avenue, Suite 285 | Eugene, Oregon 97401  
Phone: (541) 686-2014

---

October 16, 2015

Johnie Matthews Lowell School District  
65 South Pioneer Street  
Lowell, OR 97452

RE: Seismic Grant Study

Dear Walt:

Thank you for continuing to consider gLas Architects and our team for the proposed Seismic Grant Study. We have reviewed the basic services that are required for the grant. Please review the following and let us know if any items are unclear, or appear inconsistent with your expectations.

The grant will require that a structural Engineer perform an ASCE 41-13 Tier 1 study of the proposed buildings. For this work we are proposing the services of KPFF Engineers. Based on the study, complete and detailed estimates will be required for the grant application, and we've included a proposal from Construction Focus for this work. Attached are the proposals from these two firms. In addition, we anticipate some additional time for gLas to complete the benefit-cost analysis.

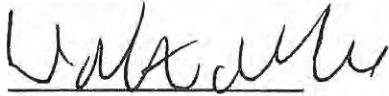
The following is a summary of the costs associated with this work. The costs include both the elementary school site and the high school site.

Structural Analysis and documentation:	\$14,000
Estimating	\$7,900
gLas mark-ups for consultants (10%)	\$2,290
<u>gLas additional services</u>	<u>\$3,360</u>
Total Cost	\$27,550

Some of the above fee will be compensated for in the grant process. An amount of \$5,000 per school site is available, which will decrease the impact to the school.

Thank you again for requesting our fee proposal for this additional work. Please review and if you need any additional information, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. Gresl', written over a horizontal line.

Walter R. Gresl, AIA

Principal/Member

# Appendix C: Lundy Elementary Seismic Application



December 21, 2015

To: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer St NE, Suite 200  
Salem, Oregon 97301

Re: Lundy Elementary School Seismic Grant Application

Gloria,

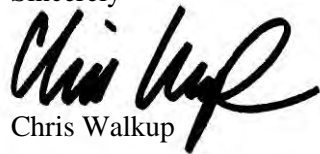
Thank you for the opportunity to apply for this grant program for the Lowell School District. Following are tabbed sections that include all of the documentation required by the grant process. The school district is applying for two grants, one for Lundy Elementary and one for Lowell High School. As a result some of the documentation is duplicated in both applications. Following is some additional information pertinent to the specific portions of the buildings associated with the grant application.

The Budget and Occupancy numbers for Lowell High School and Lundy Elementary School are for the core buildings as outlined in the grant application. At Lundy Elementary, the modular classroom, recent cafeteria addition and the Professional Development Center occupants are excluded on the Budget and Occupancy spreadsheets. At Lowell High School, the modular classrooms, woodshop, wrestling room and north wing occupants are excluded.

The actual number of employees is listed on the Occupancy pages. The total combined FTEs for each classification are listed on the Budget pages. These reflect the total of both part-time and full-time employees. Backup documentation for these numbers are available for review upon request. Both school offices, and the principal, vice-principal and guidance councilor's offices are located within the core buildings and these employees are included in the Occupancy and Budget data for each school. The District Office/Headquarters is located in the Professional Development Center, which is excluded from the Employee Occupancy and Budget calculations. This includes staff that occupies the superintendent's office and the Business Office.

If you have any questions feel free to contact me.

Sincerely



Chris Walkup

# Lundy Elementary School

## Seismic Rehabilitation Grant Application

December 21, 2015

### Table of Contents:

Tab A	Grant Application
Tab B	Property Legal Description
Tab C	Photos
Tab D	Historical Importance / Community Support Letters
Tab E	Seismic Evaluation
Tab F	Scope of Work
Tab G	BCA
Tab H	Letter showing expenditures (not included as matching funds)

## Seismic Rehabilitation Grant Application

**Application Number:** 2 – Lundy Elementary School

**Application Year:** 2015

A. Applicant Information	
1. Name of Applicant	Walter Hanline, Superintendent Lowell School District
2. Type of Applicant	<input type="checkbox"/> State Government <input type="checkbox"/> Local Government <input checked="" type="checkbox"/> School District <input type="checkbox"/> Community College <input type="checkbox"/> Oregon University System <input type="checkbox"/> Private Non-Profit <input type="checkbox"/> Other
3. If Private Non-Profit, describe the legal status, function, and facilities owned:	
4. State Tax Number: (e.g. 11-111111)	0503264-4
5. Federal Tax Number:	93-601-5591
6. Has applicant's jurisdiction received a voter approved levy for building maintenance or renovation?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Is the applicant delinquent on any State or Federal debt? If yes, type explanation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

B. Contact Information	
1. Point of Contact Information	
First Name	Walter
Middle Initial	
Last Name	Hanline
Title	Superintendent
Agency/Organization	Lowell School District
Address 1	65 South Pioneer St
Address 2	
City	Lowell
State	OR
ZIP	97452
Phone	541-937-8405
Fax	
Email	whanline@nationalleadership.net
2. Alternate Point of Contact	
First Name	Johnie
Middle Initial	
Last Name	Matthews
Title	Assistant Principal
Phone	541-937-8405
Fax	
Email	jmatthews@lowell.k12.or.us

C. Community Information				
1. Please provide the pertinent information for the community that will benefit from this mitigation activity.				
Community Name	Area Served (sq miles)	Population Served	State Legislative District	US Congressional District
Lowell School District	319	2472	OR-4, OR-7	OR-4
2. Is the community located in a distressed or impoverished community (see Guidance for definition)?				
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Does community have a FEMA approved natural hazard mitigation plan?				
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No      Year adopted				
4. Describe any community-wide mitigation or awareness efforts and other mitigation projects occurring in the community.				
<p>Lowell residents are actively participating in the Willamette Cascade Foothills Community Emergency Preparedness planning sessions (<a href="https://wicafo.wordpress.com/emergency-preparedness/meetings/">https://wicafo.wordpress.com/emergency-preparedness/meetings/</a>), the most recent of which was October 27<sup>th</sup>, 2015. At that meeting, three Lane County experts in emergency preparedness discussed preparations individuals and organizations can take, gave an overview of Lane County's state of readiness in the event of an earthquake, and discussed what can be done if disaster strikes.</p>				
D. RVS Information				
Enter the DOGAMI Rapid Visual Screening (RVS) details for the project. Details can be found at: <a href="http://www.oregongeology.org/sub/projects/rvs/county/county-sites.htm">http://www.oregongeology.org/sub/projects/rvs/county/county-sites.htm</a> . If your building does not have an RVS or has an incorrect RVS then complete these fields after running your Benefit Cost Analysis.				
1. Building Unique ID		Lane_sch95A		
2. Seismicity Zone		3		
3. Soil Type		D – Stiff Soil		
4. RVS Building Type		W2		
5. RVS Final Score		1.5		
6. Collapse Potential		Yes		
7. Latitude		43.91775		
8. Longitude		122.78385		
9. Does the building have a basement?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
10. Does the building have horizontal irregularities per RVS? What is the shape of the building when viewed from above? (e.g. rectangle, L-shaped)		No		
11. Does the building have vertical irregularities per RVS? Are there changes in elevation when the building is viewed from the side? If available, identify the vertical irregularity as moderate or severe per RVS.		No		

12. Are there unreinforced chimneys, parapets or heavy cladding?	Yes – Unreinforced Chimneys
--	-----------------------------

E. Mitigation Activity Information			
1. Preliminary Engineering Report Completed & Attached?			
<input checked="" type="checkbox"/> Yes			
2. What is the ASCE 41 performance level of this project? (For Schools the minimum retrofit performance level is "Life Safety"; for Emergency Service buildings the minimum retrofit performance level is "Immediate Occupancy".)			
Life Safety Performance Level			
3. Describe any structural or non-structural seismic mitigation measures previously conducted, including the date:			
None			
F. Scope of Work			
1. What are the <b>main structural and nonstructural</b> deficiencies of the building as outlined in your engineering assessment?			
Shear Stress, Wood Sill Connection to Foundation, Beam / Column Connections, Diaphragm Continuity, Unblocked Diaphragms.			
2. What are the <b>main structural and nonstructural</b> proposed fixes and do they address all known seismic deficiencies? If not, please describe how your proposal is the most cost effective approach to rehabilitation for your building. (Meeting the Life Safety and Immediate Occupancy performance objectives requires addressing structural and nonstructural issues that pose risk.)			
Add shear walls. Attach shearwalls to the foundation / add footings. Steel hardware connections between beams and columns. Replace finishes as necessary to complete the fixes. The proposed fixes address all known seismic deficiencies.			
3. Is the project ready to begin? Describe what planning, design, etc...has been completed to date.			
Preliminary design and cost estimates are complete. Final design will commence based on the outcome of the grant process. The project will be ready to start construction in the spring of 2016.			
4. Project Management Milestones			
Briefly identify milestones by quarter, with start and end dates, which will be achieved within the 24 month performance period.			
Quarter	Milestone	Start Date	End Date
1	Design Development	Feb 15, 2016	Mar 15, 2016
2	Construction Documents	Mar 16, 2016	April 15, 2016
3	Bidding / Permitting	April 16, 2016	May 31, 2016
4	Construction	June 1, 2016	Aug 15, 2016
5	Punchlist / Temp Occupancy	Aug 16, 2016	Aug 31, 2016
6	Final Occupancy	Sept 1, 2016	

7			
8			

G. Property Information	
1. Project name	Lundy Elementary School Seismic Upgrade
2. Project address	45 South Moss St, Lowell, OR 97452
3. Legal description of property	See Attached
4. Year built	1942
5. Building use	Elementary School
6. Foundation type	Slab on Grade
If other foundation type, please specify:	
7. Date of initial construction	1942
8. Date of most recent major remodel	Unknown
9. Square feet	33,163
10. Number of stories	1
11. Type of construction	5B / W2
12. Current replacement cost of structure	9.3 Million
13. Replacement cost of contents stored in the building	2.3 Million
14. Replacement cost of vehicles stored in the building	0
15. Is this building listed on the National Register of Historic Places, a National Historic Landmark or considered an eligible, significant building by the State Historic Preservation Office?	No
16. Is this building over 50 years old?	Yes
17. Are you planning to use the building as it is currently used for the next 10 years? If no, please explain.	Yes
18. Is the building located in a hazard area? (e.g. tsunami, flood, landslide)	No
19. Number of natural hazard losses	0
Describe:	

20. Provide photos showing the building from all sides (label each photo), provide close up photos of any vertical irregularities, and any connection points for additions attached to the original building. Minimum of 4 photos.	Photos attached: <input checked="" type="checkbox"/> Yes
21. Describe this building's value to the community. Does it have historical value? Is it utilized for uses outside of its primary function (such as a designated Red Cross Shelter)? Why is this building important to the community?	
See attached letter – Tab D	

H. Cost Estimate Summary		
Category	Cost Estimate	
Architectural	\$53,000	
Engineering	\$53,000	
Construction Management	\$29,000	
Construction Labor/Materials	\$1,075,743	
Permitting/Inspection	\$15000	
Insurance	\$20000	
Testing	\$10000	
Relocation Costs	\$15000	
Other	\$	
<b>Total Cost Estimate:</b>	<b>\$ 1,270,743</b>	
<b>Total Amount Requested from SRGP:</b>	<b>\$ 1,270,743</b>	
NOTE: An engineering cost estimate must be attached to the application (may be included in the engineering report) with enough detail (ideally with quantities and unit costs) to document the credibility of the estimate. If you would like to make any comments on the cost estimate, please enter them below.		
I. Match Sources		
Source	Funding Type	Amount
None – See attached letter tab H		\$
		\$
		\$
<b>Grand Total : \$</b>		
J. Cost Effectiveness Information		
1. Attach the Benefit Cost Analysis (BCA) completed for this project. Provide comments regarding the information sources used to obtain the occupancy and budgetary information necessary for the BCA		
2. Benefit Cost Analysis Score: .922		



3. Average Occupancy: 39.887	
4. Annual Operating Budget: \$ 1,334,932	
<b>K. Maintenance Schedule &amp; Costs</b>	
Identify entity that will perform any long-term maintenance and provide substantiating documentation that shows that the entity is accepting performance and budget responsibility:	The school district will perform their own maintenance utilizing a permanent maintenance staff.

L. Name of Person Who Will Sign the Contract if Awarded	
First Name	Walter
Middle Initial	
Last Name	Hanline
Title	Superintendent, Lowell School District
Phone	541-937-8405
Fax	
Email	whanline@nationalleadership.net

M. Applicant Signature(s) and Certification	
<p>I (we) certify the Lowell School District (applicant organization) supports the proposed project, has the legal authority to pledge matching funds (if providing match), and has the legal authority to apply for Seismic Rehabilitation Grant funds. I further certify that any matching funds are available or will be available for proposed project. I understand that all State rules for contracting, auditing, and payment will apply to this project. I (we) certify that the information provided on the application materials is accurate.</p>	<div style="display: flex; justify-content: space-between;"> <div> <p>Signature</p>  </div> <div> <p>Date</p> <p>12/21/15</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <p>Signature</p> </div> <div> <p>Date</p> </div> </div>

Please mail **1** hard copy and **1** CD of application materials to:  
Seismic Rehabilitation Grant Program

Attention: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer Street NE, Suite 200  
Salem, Oregon 97301

Or if delivering application materials in person or via FedEx/UPS:  
Seismic Rehabilitation Grant Program  
Attention: Gloria Zacharias  
Infrastructure Finance Authority  
775 Summer Street NE, Suite 200  
Salem, Oregon 97301

Faxed grant applications will not be accepted.

# Real Property Tax Lot Record

## Lane County Assessment and Taxation

Print Date: Dec 21, 2015



In preparation of these records, every effort has been made to offer the most current, correct, and clearly expressed information possible. Nevertheless, inadvertent errors in information may occur. In particular but without limiting anything here, Lane County disclaims any responsibility for typographical errors and accuracy of this information. The information and data included on Lane County servers have been compiled by Lane County staff from a variety of sources, and are subject to change without notice to the User. Lane County makes no warranties or representations whatsoever regarding the quality, content, completeness, suitability, adequacy, sequence, accuracy, or timeliness of such information and data.

The legal descriptions contained herein are for tax lot purposes only.

Included in this report:

1. A listing of documents affecting ownership and/or property boundary changes.
2. The scanned tax lot record image and any legal description changes made since .

<b>Map &amp; Tax Lot</b> 1901142309100		<b>Current Parcel/Account</b>		<b>Current TCA</b>
<b>Status</b>	Active	0816510		07107
<b>Document #</b>	<b>Type</b>	<b>Date</b>	<b>Effective Year</b>	<b>Tax Lot Acres</b>
	Description Card			4.67

Comments:

#3269-E

#43452

21580-B

## OFFICIAL RECORD OF DESCRIPTIONS OF REAL PROPERTIES

19-01-14-23

OFFICE OF COUNTY ASSESSOR, LANE COUNTY, OREGON

9100

YEAR	TAX LOT		816 510		DEED RECORD		ACRES REMAINING
	NO. 2	SECTION 14	TOWNSHIP 19 S.	RANGE E. OR W. 1 W. M.	VOL.	PAGE	
1941	BEARING	DISTANCE	BEARING REFERENCE OR LEGAL SUBDIVISION			207 69	4.67
			Begin 20 feet S of the SE corner of Block 15 of the Plat of Lowell in Sec. 14, Tp. 19 S, R 1 W, WM, as recorded in the office of County Clerk, thence				
	South	270 ft.	thence				
	West	604 ft.	thence				
	North	430 ft.	thence				
	East	244 ft.	to a point on the W line of Damon Street of said Plat, thence				
	South	160 ft.	to the SW corner of said Plat, thence				
	East	360 ft.	along the S line of said Plat to the place of beginning. cont.				

Map revision from 19-01-14-3-2-200 for 1981.

Attachment 7.2

Map revision from 19-01-14-3-2-200 for 1981.

Attachment 7.2

## OFFICE OF COUNTY ASSESSOR, LANE COUNTY, OREGON

Attachment 7.2







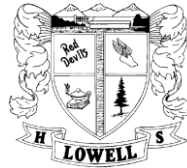
Lowell Jr./Sr. High  
65 South Pioneer Street  
Lowell, Oregon 97452  
541-937-2124  
FAX 937-2112

Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105  
FAX 937-8709

## LANE COUNTY SCHOOL DISTRICT 71

### Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline  
Superintendent  
541-937-2124  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

Kay Graham  
K-12 Principal  
541-937-2124  
[kgraham@lowell.k12.or.us](mailto:kgraham@lowell.k12.or.us)

Debi McNamara  
Business Office Manager  
541-937-8405  
[dmcnamara@lowell.k12.or.us](mailto:dmcnamara@lowell.k12.or.us)

December 17<sup>th</sup>, 2015

Questions regarding the importance of seismic upgrades to our rural school district's two schools: Lowell High School and Lundy Elementary School.

#### **What is the community value of the buildings?**

Our school district is truly the heart of this small community. These schools provide a venue for public meetings, student athletic events and band/choir concerts. The schools are a gathering place for community members of all ages. Our schools are perceived as a safe and welcoming place for our children. Events beyond school are held in the schools, including weddings, funerals, community events, and child related events. Additionally, the University of Oregon also accesses our facilities for their rowing teams.

#### **Are our schools used as an emergency meeting spot or shelter?**

Yes. In the midst of local forest fires, fire-fighters have set up a city of tents on our football field and they have also slept in the Lundy Elementary gym and used our showers.

#### **Do the schools have historic value to the community?**

Absolutely. The land our high school was built on was donated to the school district by Al and Lee Wetleau. These beloved community members were longtime boosters of school activities, especially athletics. Our Booster Club continues to generate huge community support today.

Children of local loggers were housed and cared for by Lee Wetleau in her home while their parents worked in distant logging camps. The Wetleau's donated their collection of Lowell School District yearbooks, the earliest dating back to the 1936-37 school year.

Our recent building renovations retain the original façade of each school based upon community desire to refurbish what we had, rather than building new.

#### **Will the community rally around the project?**

Yes, our community will eagerly support creating safer buildings for our students that can also be used as structurally safe gathering areas during times of crisis. The Lowell City Hall and the Lowell Fire Department are collaborating with the district and will work with us in the future to create Emergency Preparedness plans, once our buildings are established as structurally safe public gathering areas. Having structurally sound public buildings are key to the community emergency plans.

#### **Is Lowell a distressed or impoverished community?**

Lowell's economy was historically dependent upon the logging industry, which has declined sharply due to changes in federal timber policies. While Lowell residents are comprised of a blend of socioeconomic residents, we do have a high ratio of impoverished families. 95% of Lundy Elementary students are eligible for free and reduced meal benefits, and 72% of Lowell High School students are eligible. Our district participates in the federal Community Eligibility Provision.

Lowell School District is dedicated to educational achievement and the success of every student.



**Does Lowell have a FEMA approved natural hazard mitigation plan?**

Not currently.

**Are there any community-wide mitigation or awareness efforts or other mitigation projects occurring in the community?**

Yes. Lowell residents are actively participating in the Willamette Cascade Foothills Community Emergency Preparedness planning sessions (<https://wicafo.wordpress.com/emergency-preparedness/meetings/>), the most recent of which was October 27<sup>th</sup>, 2015. At that meeting, three Lane County experts in emergency preparedness discussed preparations individuals and organizations can take, gave an overview of Lane County's state of readiness in the event of an earthquake, and discussed what can be done if disaster strikes.

The following week a meeting was held to discuss how to set up Emergency Preparedness plans within smaller neighborhood groups.

**What is the area served by Lowell schools in square miles?**

Approximately 318 square miles

**What is the population served?**

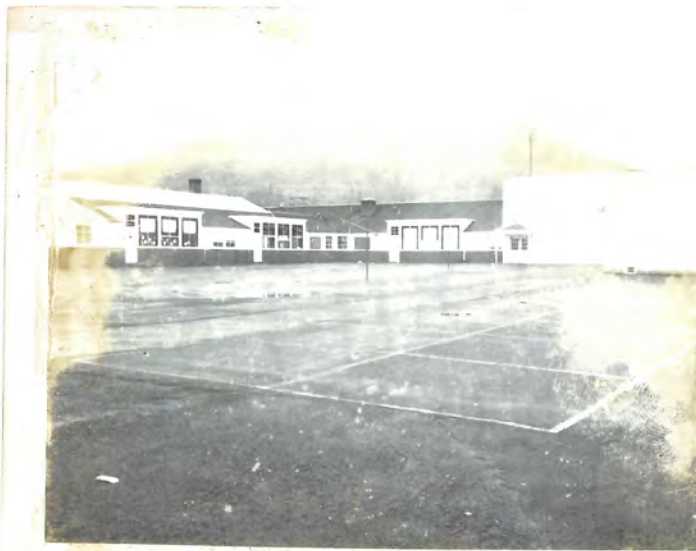
The last federal Census was done in 2010, which showed Lowell's population at 1045. For our community newsletter mailings, we mail to 1165 households, including Lowell, Fall Creek, Unity and Minnow Creek, all of which are served by our district.

**What are Lowell's state legislative districts?**

District 4 (Senate—Floyd Prozanski) and District 7 (House—Cedric Hayden)

**What is Lowell's US congressional district?**

District 4 (Congress—Peter Defazio)



Inner courtyard of Lundy Elementary,  
prior to installing the cover.



South side of Lundy Elementary.

Photos circa 1965

Walt Hanline, Ed.D.  
Superintendent  
541-937-2124  
whanline@lowell.k12.or.us

**LANE COUNTY SCHOOL DISTRICT 71**  
**Lowell/Fall Creek**  
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Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105 FAX 937-8709

December 15th, 2015

To Whom It May Concern,

In addressing the project readiness criteria reflected within the Seismic Rehabilitation Grant application instructions, if our community approves a bond at the May election, I strongly assert we have the necessary staffing required to successfully implement the facility renovation program.

We have a great architectural firm, Glas Architects, who will help me shepherd this process from planning to completion. We have the necessary administrative support, with an Assistant Principal, Principal, and Special Education Director to manage the issues related to serving our present students. Most importantly, beyond my recent work in managing the over \$2 million dollar renovation program for Lowell School District (note attached article), my experience and knowledge of facility planning and development, as reflected in the excerpted paragraph below from my attached Statement of Qualifications, clearly denotes that I am more than capable and able to manage an eight million dollar facility improvement and expansion program.

"Dr. Hanline was successful in addressing the challenges of Kings River-Hardwick School District, Del Norte County Unified School District, and most recently Ceres Unified School District, in facility planning for new construction, modernization, asbestos removal, and deferred maintenance programs. By way of example, in the midst of declining enrollment in Del Norte County, he was successful in funding well over \$5 million of new construction projects and had over \$10 million of modernization projects approved. In 2001, Dr. Hanline directed a \$165 million new construction and modernization program for the Ceres Unified School District, which included the passage of a local Proposition 39 school bond. Within 18 months, the district opened 5 new elementary schools, a new high school, expanded one of the junior highs, and modernized virtually every school within the District. In November 2008, in the midst of the national and state fiscal crisis, Dr. Hanline led the campaign which successfully passed another \$60 million local school bond that served as the foundation for a \$150 million building program."

I have attached my Statement of Qualifications and Biography. I do hope this addresses the project management criteria. Thank you.

Respectfully,

A handwritten signature in black ink that reads 'Walt L. Hanline'.

Walt L. Hanline, Ed.D.  
Superintendent

Dedicated to educational achievement and the success of every student.



# Oregon Department of Energy

*Energy success stories from around the state*



## Lowell School District's energy project inspires local pride

People should value K-12 schools as an integral part of their communities, says Lowell School District Superintendent Walter L. Hanline, Ed.D. Last year, the Oregon Department of Energy's Small-scale Energy Loan Program worked with the school district on a complete energy efficiency overhaul. The result: the district now uses a third less energy, despite the increased use of facility space.

"Before the upgrades, it would have cost local taxpayers here \$1000 per year over the next 20 to 30 years if we replaced the schools," said Dr. Hanline. "Rather than that, we worked with SELP on energy installations that offered our schools a new look and feel, and provided us a chance to use unusable facility space," Superintendent Hanline added.

After 30 years of dealing with deteriorating schools, the district modernized boiler controls, insulated walls, and replaced windows and lighting in the schools. Dr. Hanline said the ambitious project took only three months to complete, half the time it usually takes for a project this size.

"Our students had to succumb to an uncondusive environment that was so bad they did not want to come to school," said the superintendent. "The window seals were rotting away and the heating and cooling temperature inside the schools weren't working properly, which affected how engaged students were."

Dr. Hanline referred to substantial research done on how student motivation and academics can wane



# Lowell School District's energy project inspires local pride

depending on the comfort level of the school. Improving student experiences and learning environments can improve student performance. Within the Lowell School District, Superintendent Hanline said student scores are up because kids feel more connected. He shares this sentiment with other school districts that have used ODOE's energy loans for energy installations and upgrades.

When the school doors opened after the renovations, Dr. Hanline and the Board knew their investment had paid off. Right away they noticed a total shift in attitudes and a new cultural mindset both inside and out. The investment brought back community pride.

"A student representative on our board says they feel like they are in a brand new school," said Dr. Hanline. "They look forward to coming to school now."

Without the support of SELP, the school district would not have had the funding to do the work. Superintendent Hanline also noted that working with the state energy loan program, rather than private sources, comes with greater value and support. The superintendent also spoke about the graciousness of staff, their expertise and ideas on how to make things happen.

John Hobbs, SELP loan officer said, "I'm pleased that the improvements to the school have had such a positive effect on students and the community. It was superintendent Hanline and the district leadership's vision that made this project successful."

Dr. Hanline said the district receives an enormous amount of community support. Schools in smaller cities, such as Lowell, see their schools as community centers, a focal point of their town.



**Before energy upgrades students and administration were subjected to issues such as rotting window seals and windows that weren't favorable to summer and winter conditions.**

"Taxpayers don't want to invest in schools that look like dumps," said Superintendent Hanline. "Schools are really noticeable here and you can definitely see the difference in how Lowell residents embrace and see our upgraded school facilities."

Dedicated to educational achievement and the success of every student, the Lowell School District is located in the city of Lowell in Lane County and includes Lundy Elementary and Lowell High School.

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## About the ODOE Energy Loan Program

The purpose of the Small-scale Energy Loan Program is to promote energy conservation and renewable energy resource development. The program offers low-interest loans for energy projects. For additional information about SELP, visit ODOE at [Oregon.gov/ENERGY/LOANS/index.shtml](https://Oregon.gov/ENERGY/LOANS/index.shtml).

---





whanline@nationalleadership.net  
3098 Floral Hill Drive  
Eugene, Oregon, 97403  
209-765-4818

## **Statement of Qualifications**

**Walt L. Hanline, Ed.D., Executive Director**

Dr. Walt Hanline is the Executive Director for the National Center for Executive Leadership and School Board Development. He worked as a public school superintendent in California for 28 years, in districts ranging from 170 to 12,000 students. He served as Superintendent/Principal of Kings River-Hardwick School District, Del Norte County Unified Superintendent of Schools, and Superintendent of Ceres Unified School District, where he retired from in June 2010. Since retirement, he has also served as Interim Superintendent in Natomas Unified School District, Denair Unified School District and presently is serving in Oregon as the "part-time" Superintendent of Lowell School District.

Dr. Hanline was recognized by the Association of California School Administrators as the 1995 California Superintendent/ Principal of the Year and in 2007 as the California Superintendent of the Year. In 2009, the Ceres Unified Board of Trustees named its next new elementary school the Walt L. Hanline Elementary School.

Dr. Hanline served as an Executive Search Consultant with Education Leadership Services and the California School Boards Association and as an Affiliate and Adjunct Professor at California State University, Stanislaus, teaching both at the Masters and Doctoral levels. He is frequently sought as a presenter by school districts and organizations across the nation. Dr. Hanline presents workshops for teachers, administrators and board members in team building, strategic plan development, collective bargaining, superintendent evaluation, and board governance.

Dr. Hanline brings to his support role, for board members and executives, a range of experiences and training. His doctoral preparation in curriculum and instruction with a specialization in collective bargaining, and his experience in teaching at the university level, were demonstrated in his instructional leadership in the districts he served as superintendent. Those who worked with him and for him would assert that his greatest contribution, in curriculum development, was providing a researched-based rationale and vision for improving the quality of instruction. As superintendent, he built educational environments that provided the motivation for staff to effectively blend theory with practice, in providing the finest quality educational opportunity possible to the students served by his districts.

To achieve true success, a school district must proactively address the ever-changing demands of our society. To ensure such success, a school district must have a plan of action and assessment processes in place to make this happen. Dr. Hanline successfully developed and implemented strategic planning and district assessment

processes, utilizing both public and business sector models. His experience and background ensured that the board of trustees was successful in creating a plan of action which met the needs of their students and community. Dr. Hanline's unique ability to recruit, motivate, develop and support quality leaders enabled his districts to benefit from the services of quality leaders. Under his leadership, his fellow team members were recognized with a wide range of awards, including state-wide awards such as Negotiator of the Year, Curriculum and Instruction Administrator of the Year, and Business Services Administrator of the Year.

As a public school superintendent for over 28 years in small and medium sized districts, Dr. Hanline had the opportunity to be involved in every aspect of the educational system. Having served Kings River-Hardwick School District for 13 years, he had the pleasure of implementing the necessary change that brought about an educational staff and program, which was viewed by the community as outstanding. In his three years serving Del Norte County Unified, his team was successful in taking each school in the district from the state assigned status of "under-performing" to "performing" schools. Dr. Hanline's most recent success has come from his service in the Ceres Unified School District. The success of his leadership is best denoted by the performance of his leaders, teachers and students. Over the last four years of his service in the district, for all of the schools in the Ceres Unified School District, the District had an average State Similar School Ranking of 8.225, with 10 being the highest ranking possible. As assessed by the State of California, both of his high schools had a Similar Schools Ranking of 10 and they were both recognized in January 2009, by U.S. News and World Report, as one of "America's Best High Schools (Bronze Medal Winners)." Additionally, Ceres Unified has been the subject of many studies, including the 2006 study conducted by Policy Analysis for California Education entitled, Snapshots of Reform: District Efforts to Raise Student Achievement Across Diverse Communities in California.

Dr. Hanline was successful in addressing the challenges of Kings River-Hardwick School District, Del Norte County Unified School District, and most recently Ceres Unified School District, in facility planning for new construction, modernization, asbestos removal, and deferred maintenance programs. By way of example, in the midst of declining enrollment in Del Norte County, he was successful in funding well over \$5 million of new construction projects and had over \$10 million of modernization projects approved. In 2001, Dr. Hanline directed a \$165 million new construction and modernization program for the Ceres Unified School District, which included the passage of a local Proposition 39 school bond. Within 18 months, the district opened 5 new elementary schools, a new high school, expanded one of the junior highs, and modernized virtually every school within the District. In November 2008, in the midst of the national and state fiscal crisis, Dr. Hanline led the campaign which successfully passed another \$60 million local school bond that served as the foundation for a \$150 million building program.

Having inherited school districts that were in deficit spending, both in Kings River-Hardwick and in Del Norte County and recruited to serve as Interim Superintendent to assist the State and County in restoring fiscal integrity (to prevent the State from having to take over the districts) to Natomas Unified School District and Denair Unified School District, Dr. Hanline knows first hand the importance of properly managing the limited financial resources available to a school district. Without proper management of the limited funding available, leaders cannot support classroom teachers in a manner that will allow them to present a first class educational program to the students and parents. Dr. Hanline demonstrates the critical component required for



sound financial planning; proactive and visionary leadership, blended with a commitment that school and department based decision making and accountability is the means to the highest level of financial efficiency.

Dr. Hanline's experience and training provide the background required to recruit, motivate, develop, and evaluate staff. This experience reinforced his philosophy that to truly be able to address the many challenges associated with schools, the superintendent and board must expect the very best from all staff members, while at the same time building trusting and mutually supportive relations between teachers, classified staff, administrators and the board of trustees. Dr. Hanline's many years of exposure to a range of collective bargaining approaches, both in working within the traditional adversarial approach and also in developing collaborative teacher/management relations, through the use of educational policy trust agreements, are assets that he brings to his support of board members and school superintendents.

The involvement and positive support of the community are essential for the long-term success of a school district. With this philosophy in mind, Dr. Hanline had the opportunity to work with community groups and the media in a wide variety of areas. He began a private school, which eventually grew to approximately 450 students. While at Kings River-Hardwick, he responded to the requests of the community in initiating the first school breakfast program in Kings County, an extended day care program, a for-pay preschool program, and a state preschool program. In both Del Norte County Unified and Ceres Unified, he restructured the organizations to provide for educational options to parents, including home school and site based charter schools and also in expanding grant funded programs, including 21st Century Afterschool Programs to serve parents and students. In Ceres Unified, between July 2001 and July 2009, this commitment to grant development brought over \$30 million in grants to serve the students and teachers of the district. During his career, Dr. Hanline developed a wide range of active collaboratives, including partnerships with the City of Ceres, College of the Redwoods, Rural Human Services, the Chamber of Commerce in each of the communities, Yurok and Tollowa Tribal Councils, California State University at Chico and at Stanislaus, State and National Parks, to name just a few.

Dr. Hanline's greatest asset, to any school district seeking his services, is his experience and training in supporting school board members as they represent the community that elected them. He strongly believes in the policy-making and vision setting role of the board of trustees, and in the responsibility of the staff to implement the policies and vision of the board. Dr. Hanline's experience in the private and public sectors, and his educational preparation and experience in creating innovative solutions to problems are strengths he brings in his support of board members and school leaders.



## **Walt L. Hanline, Ed.D.**

**Founder and Executive Director:  
National Center for Executive Leadership and School Board Development**



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## Lowell Rural Fire Protection District

389 N. Pioneer Street, Lowell, OR 97452

(541) 937-3393

FAX (541) 937-2287

December 8, 2015

Johnie Matthews  
Assistant Principal Lowell School District  
65 South Pioneer St.  
Lowell, Or. 97452

The Lowell Rural Fire Protection District Board of Directors and I would like to express our support for funding of the Lowell School District's Oregon State Seismic Grant request. Such seismic improvements to the High School and Elementary School are sorely needed to help maintain the safety and functionality of the facilities.

As with most small towns, schools are an integral part of the community and its local heritage. Lowell is no different. The pride and ownership in our local schools is a fundamental part of our community and a living example of Lowell's future and heritage.

The buildings that are under consideration for improvement are utilized for much more than school activities. All sorts of community activities occur in these buildings, ranging from town hall public meetings to community fundraising sporting events.

One of the most important aspects of utilization for the two gymnasiums specifically is that of housing evacuees during a disaster. The buildings are an integral part of the community's emergency response plan capabilities to house and protect citizens during disasters other than earthquakes and heavy snowstorms.

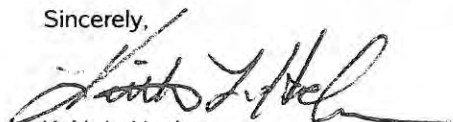
The buildings have the capability of providing shelter for a great number of the area residents and would be utilized as relief centers if needed. With the proposed seismic enhancements, the capabilities of providing shelter for area residents would be greatly increased and the improvements would allow for greater public safety during a disaster.

As the Fire Chief and Emergency Manager for the Fire District, one of my greatest concerns during my tenure has been the heavy timber, bow string construction of the high school gymnasium and the aged construction on the grade school gymnasium. Proposed upgrades through the seismic grant program would increase the current structural safety of the building as well as the future capabilities of the structures.

The funding to construct new school facilities is highly unlikely as small school districts such as ours have very limited resources and any additional funding is extremely difficult to come by. Maintaining and upgrading current facilities is a much more realistic and economically feasible method of providing a safe, high quality education environment for our children.

We hope the School District is successful in this endeavor and would encourage the State of Oregon to fund the District's proposal. These upgrades are sorely needed and important improvement with far reaching advantages for providing a valuable resource to the public at an economical cost.

Sincerely,



Keith L. Hoehn  
Fire Chief





**Lowell City Hall**  
P.O. Box 490 Lowell, OR 97452  
Phone: 541-937-2157  
Fax: 541-937-2936

December 3, 2015

Business Oregon IFA  
Seismic Grant Committee  
775 Summer Street NE, Suite 200  
Salem, OR 97301-1280

Members of the Committee:

On behalf of the City of Lowell, I would like to express our sincere support for the Lowell School District's grant application for state seismic funds. These funds would advance the preservation of two historic buildings in Downtown Lowell and support emergency preparedness efforts.

An award of seismic grant funds would help restore two historic buildings in the heart of Downtown Lowell. The School District has recently made large strides in facility upgrades, from asbestos abatement, insulation and exterior improvements. Grant funds would allow the School District to continue this restoration project, which benefits not only the learning environment for our school children, but also contributes significantly to the historic character and economic activity of our downtown.

The grant would also support local emergency preparedness planning. The City of Lowell facilitates monthly "Team Lowell" meetings with local community organizations to discuss opportunities for collaboration. One issue that has been identified is emergency preparedness, as Lowell does not maintain an emergency shelter. The proposed structural upgrades to the gymnasiums would support this planning effort by potentially offering two emergency shelters to be utilized in the event of an earthquake or other natural disaster.

For the above reasons, the City of Lowell strongly supports the District's grant application for seismic grant funds. Please do not hesitate to contact my office if you have any questions regarding our support.

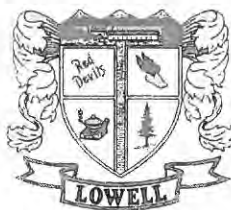
Sincerely,

Don Bennett  
Mayor  
City of Lowell

# LANE COUNTY SCHOOL DISTRICT 71

## Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline, Ed.D.  
Superintendent  
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[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

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45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105 / FAX 541-937-8709

November 24, 2015

Business Oregon IFA Seismic Grant Committee  
Salem, OR 97301-1280

### Grant Committee Members:

The Board of Directors of the Lowell School District strongly supports the District's application for grant funding to be used towards seismically upgrading our buildings at both school sites. These facilities are heavily used by both students and community members so seismic upgrades would improve the overall safety for all.

The School Board has chosen to rehabilitate the interior and exterior of both schools for two important reasons: the historic character of these buildings is important to alumni and current Lowell area residents, and, demolishing the existing structures to build new ones would be unaffordable for District taxpayers.

The first school serving Lowell-Fall Creek elementary students is now an historic building housing the Lowell Grange. The 100<sup>th</sup> anniversary of that building in 2013 brought many former students out to share their fond memories of attending school there. They shared memories of how Lowell residents Al and Lee Wetleau donated property to the District, facilitating the construction of a high school so that local students could finish their education in Lowell. The Wetleaus also housed children of parents working in logging camps near Oakridge so the students could continue their education. That kind of community dedication to Lowell schools and students continues to this day, thanks to examples like the Wetleaus.

Over the years, several proposals have been floated to demolish the existing buildings and rebuild new structures. However, due to changes in federal timber policies in the 1980s, the reduction of timber related employment hit our rural economy hard and families have had a difficult time securing local jobs that would afford them the ability to absorb the increase in property taxes necessary to construct new school buildings. While we have seen many new retired residents come to the area and build new upscale homes, we also have an affordable housing development that has given young families with children a place to thrive, taking advantage of the wonderful outdoor opportunities and our small school environment.

Our community is in the early stages of creating a comprehensive emergency preparedness strategy. The Lowell School District buildings and surrounding land are major assets to address community needs during a natural disaster. It is critically important that these structures are structurally sound enough to provide emergency shelter, especially during high wind events or earthquakes that could destroy residential structures.

For over 20 years, the leaders of our local public agencies have met each month to share ideas and work together on projects. Team Lowell includes the City of Lowell, Lowell School District, Lowell Rural Fire Protection District, Oregon State Parks, U. S. Forest Service, Bureau of Land Management, Middle Fork Watershed Council and the U. S. Army Corps of Engineers. We work collaboratively to make sure we are spending the public's money wisely in the best interest of the citizens. This helps give our citizens confidence in our ability to manage grant funds for the best results.

We are well positioned to be a model of excellence for how seismic grant funding can enhance a community's greatest assets for the benefit of the entire community. We thank you for your consideration of our application.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dennis McCallum", written in a cursive style.

Dennis McCallum  
Board Chair





# **Lowell, Fall Creek Education Foundation**

65 S. Pioneer Street  
Lowell, OR 97452

November 25, 2015

Business Oregon IFA Seismic Grant Committee

Committee members:

This letter is in support of the Lowell School District's application for grant funding to seismically upgrade the high school and elementary school gyms.

Our newly re-energized Foundation board just held our first Hall of Fame banquet in the high school gym in October. Alumni from all decades of graduating classes came, many who hadn't been in the building since they attended high school. Without exception, these alumni were extremely pleased that the schools have been restored while preserving the original façade and character of the buildings. Everyone understands the importance for upgrading buildings for safety and we believe our schools are excellent candidates for the grant funding available.

Our eight-member board includes three graduates and a former school superintendent. I assure you that they can attest to the importance of the schools to our community. Turnouts at athletic events, music concerts, open houses and other public events show the level of support area residents have for the school district. Many new residents who haven't had any previous association with the school district have volunteered thousands of hours and dollars to student programs since moving here. We are grateful for the support the community has shown for both the Foundation's and the District's projects to help kids.

We look forward to continuing the upgrade of the school facilities with the seismic grant program. Thank you very much for your consideration.

Sincerely,

Donna McCallum  
Board President



**Lowell Grange #745**  
51 E. 2nd Street, P.O. Box 47  
Lowell, Oregon 97452  
541-937-3738  
lowellgrange@gmail.com

November 30, 2015

Business Oregon IFA Seismic Grant Committee  
775 Summer Street NE, Suite 200  
Salem, OR 97301-1280

On behalf of Lowell Grange #745 members, I wish to express our support for the Lowell School District's application for seismic grant funds. Our members have worked diligently to renovate our historic Grange building and would like to see the school buildings continue to be upgraded while maintaining their historic presence in our community.

The schools are the heart of our community. There are hundreds of alumni who still live in the area and others who come back to visit that love to walk the halls of their schools and relive the good memories made there. It would be a real shame to have to tear down these memory-filled buildings to make sure they are structurally sound. Grant funds awarded to the District would ensure that the buildings are safe and continue to be used and loved by the community.

While the Grange building can be used in cases of community emergencies, it is too small to provide full-scale support in the event of a natural disaster. Having the school gyms and kitchens available for such a purpose is a valuable asset. Our community is currently in the process of mapping the assets in the area and the schools are two of our greatest assets.

Our Grange building has been awarded Historic designation by the State's historic commission and we encourage the school district to use the grant money to improve the buildings' structural integrity while maintaining their original character.

Thank you for the opportunity to support the District's application.

Sincerely,

Maggie R. Osgood  
Grange Master



# Register-Guard

LANE COUNTY'S HOME NEWSPAPER

EUGENE, OREGON, WEDNESDAY, AUGUST 4, 1965

## Lowell HS 'Grandmother' Gives Gift

LOWELL—An elderly woman here gave away a rare collection this week, and it was something she wanted to do.

Lee Wetleau, who will be 88 on Sept. 9, donated her collection of Lowell High School yearbooks to the school library. And she had every one ever published.

There are 21 books, and so far as school officials know, this is the only complete collection in existence.

The earliest books, named the "Lo-Hi-Lites" are dated 1936-37 and 1938. No books were published during the war period, Mrs. Wetleau said. So the collection resumes with the annual of 1946 and continues through 1964. The latter books are known as the "Red Devil."

The school's 1965 annual doesn't come out until school resumes.

The Wetleaus never had any children in school,

but bought the annuals year after year "to show our appreciation and help the kids out."

Mrs. Wetleau and her husband, Al, who died three years ago, have been called the "grandparents" of the school. In 1929, they sold the ground for Lowell High School to the district.

"We had the ground over there all planted in garden," Mrs. Wetleau reminisced, "and when they started on the building in August, they had to plow it all under."

The Wetleaus were always boosters of school activities, especially athletics.

"I enjoy going to the things they do," Mrs. Wetleau explains. "But I can't get around that much any more. I have a big ambition, but my strength gets weak."

With her "big ambition" and living in a 65-year-old house across the street from the school, the elderly Negro woman has been a source of encouragement to many students.

She counsels prospective dropouts, calling on her knowledge of the community to cite examples of persons bettered by having continued their education.

And until the last couple of years when she decided, "A garden was too much work—I didn't need one," the students always came over to get flowers from her for graduation and baccalaureate.

Each of the student yearbooks in the collection held memories, but perhaps the hardest for Mrs. Wetleau to part with was the 1960 "Red Devil" which contained the following dedication:

"To Mr. and Mrs. Al Wetleau for their many years of loyal service to the school and community. Their never-ending attendance and support at all possible school affairs are admired greatly by students and faculty alike."

But then, the books will be right across the street in the school library whenever the "grandmother of the school" cares to take another look.





# LOWELL SCHOOL DISTRICT LUNDY ELEMENTARY SCHOOL

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## SEISMIC EVALUATION AND CONCEPTUAL SEISMIC STRENGTHENING DESIGN

DECEMBER 15, 2015

KPFF PROJECT No. 215416



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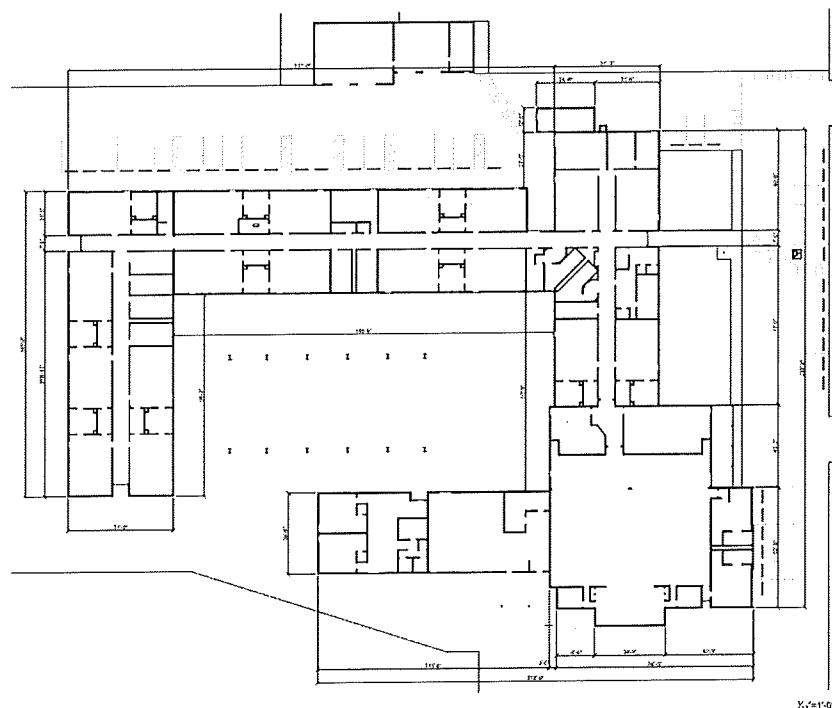
## INTRODUCTION AND PROJECT SCOPE

The Lundy Elementary School Campus is located in Lowell, Oregon. The campus consists of various buildings constructed in approximately 1942. This evaluation is limited to the Main Building which includes the main entry, corridors, adjacent classrooms, and the gym. KPFF Consulting Engineers was contracted to perform a seismic investigation and to provide a conceptual strengthening scheme for pricing. American Society of Civil Engineers (ASCE) Standard 41-13, *Seismic Evaluation and Retrofit of Existing Buildings* was used to complete the evaluation and strengthening scheme.

KPFF used an ASCE 41-13 Tier 1 Screening as an evaluation tool and as a guideline to develop the conceptual seismic strengthening scheme. The recommended strengthening scheme provides rehabilitation of the seismic resisting system and mitigation of nonstructural hazards to a Life Safety Performance Level.

The seismic evaluation included an assessment of observable structural conditions. No original structural drawings are available. Our review and the findings presented herein are limited to those conditions and components for which sufficient information could be found within the original structural drawings and confirmed on-site by the visual observations of KPFF personnel.

Observations, analyses, conclusions, and recommendations contained within this report reflect our engineering judgment. Concealed problems with the construction of the building may exist that cannot be revealed through drawings and photos alone. Therefore, KPFF can in no way warrant or guarantee the condition of the existing construction of the building, or the future building performance.



**Lundy Elementary School Campus Plan**

## **BUILDING DESCRIPTION**

The Lundy Elementary School consists of a single-story U-shaped building which appears to be constructed primarily with wood framed bearing walls, and is topped with a wood roof. The foundations are assumed to be concrete strip footings and the floor is a concrete slab-on-grade. No original drawings are available.

The primary roof framing system for the structure consists of solid sawn spaced wood sheathing laid perpendicular over 2x6 solid sawn wood joists that are typically placed on 16-inch centers. Plywood has been added over the spaced sheathing. We assume this was part of the re-roofing project. Thickness or nailing of the plywood is unknown.

The gymnasium on the southeast end of the plan is a single-story high ceiling space with a second floor mezzanine over classrooms and corridor at the north side. The roof framing over the gym floor consists of built-up trusses supported by wood trusses. The roof over the mezzanine appears to be wood beams and joists. There is a slight sag in the header over the stage on the south side of the gym, which supports the roof trusses.

## **OBSERVATIONS**

### **Site Reconnaissance**

KPFF conducted a site survey of the school to determine the type of construction, determine a potential upgrade scheme, and assess the general building condition.

### **Document Review**

There are no original drawings available for review.

## **STRUCTURAL EVALUATIONS**

The Lundy Elementary School was evaluated using ASCE 41-13, *Seismic Evaluation and Retrofit of Existing Buildings*. ASCE 41-13 defines two levels of ground motions (BSE-1E and BSE-1N). The BSE-1E ground motions are lower than the BSE-1N ground motions and are intended to be used for existing buildings since they will likely have a shorter continued life span than a new building. In the Portland area, there is an approximate 40% reduction from the BSE-1N values down to the BSE-1E values. The State of Oregon and the Seismic Rehabilitation Grant Program has placed a 25% cap on the reduction in ground motions that can be taken from the BSE-1N level.

The target for rehabilitation was to achieve a Life Safety Performance Level for the BSE-1E event. This performance level assumes the following from a design earthquake event:

- (a) Significant damage to the structure will occur but some margin against either partial or total structural collapse will remain.
- (b) Some structural elements and components will be severely damaged, but this damage will not result in large falling debris hazards, either inside or outside the building.
- (c) Injuries might occur during the earthquake; however, the overall risk of life-threatening injury as a result of structural damage is expected to be low.
- (d) It should be possible to repair the structure; however, for economic reasons, this repair might not be practical.
- (e) Although the damaged structure may not be an imminent collapse risk, it would be prudent to implement structural repairs or install temporary bracing before re-occupancy.

The basis for this performance level evaluation comes from ASCE 41-13 which approaches the evaluation with a three tier process. For this report, a Tier 1 Screening was performed. The three tiers are as follows:

**Tier 1—Screening:** This procedure includes completing checklists for the structure and nonstructural items (reference Appendix A). During this phase, a review is performed utilizing available construction documents. In addition to the construction plans, a site visit is made to assess the condition for the existing structure for deterioration of the structure and finishes, and compare the existing structure to the information provided in available drawings.

**Tier 2—Deficiency-Based Evaluation:** The Tier 2 deficiency-based evaluation is an option which includes additional analysis and evaluation of all the potential deficiencies identified with a Tier 1 Screening. A Tier 2 evaluation was beyond the scope of this project.

**Tier 3—Systematic Evaluation:** The Tier 3 systematic procedure involves an analysis of the entire building and is required for building exceeding a certain height for a particular building type. A Tier 3 evaluation was not required for this building.

Analyses performed as part of the Tier 1 screening process are limited to Quick Checks. Quick Checks are simple analysis procedures used to calculate the stiffness and strength of certain building components. Some of the Quick Checks utilize a total seismic force, termed the *Pseudo Seismic Force*, by ASCE 41-13 for Tier 1. Calculation of the *Pseudo Seismic Force* is based on a formula that utilizes geographic seismicity, mass of the building, stiffness, and structural building type. The base shear is then distributed to each level of the structure based on a weighted proportion of each level's mass and height above the ground.

The seismic analysis considers the following spectral response accelerations with Site Class D soils:

- 75% of BSE-1N:
  - $S_{XS, BSE-1N\_75\%} = 0.555g$
  - $S_{X1, BSE-1N\_75\%} = 0.392g$

The site is classified as having a High Level of Seismicity per ASCE 41-13 Table 2-5.

## **ASCE 41-13 Evaluation Findings**

### Structural Performance

The building's seismic performance was assessed in accordance with ASCE 41-13. The structure is considered a wood framed bearing wall structure with flexible diaphragms building (Type W2). The appropriate Tier 1 checklists for this building type in a high seismicity region are provided in Appendix A of this report. Below is a summary of the items that were found to be nonconforming along with comments and/or recommendations. In accordance with an ASCE 41-13 assessment, these items require mitigation.

- Shear Stress Check – This criterion requires there to be enough length of existing shear walls to resist the lateral forces.
  - Additional shear walls should be added to resist the total seismic load. The strengthening scheme adds new shear wall elements.
- Wood Sills – This criterion requires that all wood sills be bolted to the foundation.
  - There were no visible bolts from the wood sills to the top of the concrete basement walls. The strengthening scheme adds these anchor bolts.
- Girder/Column Connection – This criterion requires that there be a positive connection utilizing plates, connection hardware or straps between the girder and the column support.
  - The wood beam to column connections are bearing only. The strengthening scheme will provide straps to meet this requirement.
- Torsion – The estimated distance between the story center of mass and the story center of rigidity is less than 20% of the building width in either plan dimension.
  - C-shaped plan results in overall torsional irregularity. New interior shear walls mitigate the problem.
- Roof Chord Continuity – This criterion requires that all chord elements be continuous, regardless of changes in roof elements.
  - There are no chord elements in this structure. The top plate of the wood framed walls could be considered a chord, but is not continuous. The strengthening scheme adds elements to create a continuous chord.

- Unblocked Diaphragms – This criterion requires that all diagonally sheathed diaphragms shall have horizontal spans less than 40 feet.
  - All of the diaphragms in this structure exceed this span criterion. The strengthening scheme adds shear wall elements to reduce the span.

### Geologic Site Hazards

The building's Geologic and Site Hazards were evaluated based on visual observations of the site. KPFF Consulting Engineers recommends completing a geotechnical report prior to final design.

### Nonstructural Components

The building's nonstructural components were evaluated based on the requirements of ASCE 41-13. The appropriate Tier 1 checklists are provided in Appendix A of this report and a summary of the deficiencies are listed below:

- Emergency Lighting – Emergency lighting shall be anchored or braced to prevent falling during an earthquake.
- Building Contents and Furnishings – Items such as file cabinets and bookshelves were generally found to be unbraced. It is recommended that a review of furnishing anchorages be performed, particularly along exit routes, with upgrades installed as required to meet ASCE 41-13.

## **GENERAL SUMMARY AND RECOMMENDATIONS**

Based on the ASCE 41-13 Tier 1 screening, the Lundy Elementary School presently has deficiencies that could result in localized hazards, or partial or total collapse of the structure in a major seismic event. Significant deficiencies include: shear walls overstressed, wood sills not bolted to foundations, no girder column connector, torsional irregularity, discontinuous roof chords, and unblocked roof diaphragm, and an unreinforced masonry chimney.

KPFF Consulting Engineers recommends strengthening the structure to a Life Safety Performance Level. Refer to Appendix C for the proposed strengthening scheme.



## APPENDIX A

### ASCE 41-13 CHECKLISTS

## ASCE 41-13 Tier 1 Checklists

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FIRM:	KPFF Consulting Engineers
PROJECT NAME:	Lundy Elementary
SEISMICITY LEVEL:	High
PROJECT NUMBER:	215416
COMPLETED BY:	R. Kernan
DATE COMPLETED:	11/12/15
REVIEWED BY:	
REVIEW DATE:	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

## 16.1 Basic Checklist

### Very Low Seismicity

#### Structural Components

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LOAD PATH: The structure shall contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation. (Commentary: Sec. A.2.1.1. Tier 2: Sec. 5.4.1.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	WALL ANCHORAGE: Exterior concrete or masonry walls that are dependent on the diaphragm for lateral support are anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections shall have adequate strength to resist the connection force calculated in the Quick Check procedure of Section 4.5.3.7. (Commentary: Sec. A.5.1.1. Tier 2: Sec. 5.7.1.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**16.1.2LS Life Safety Basic Configuration Checklist****Low Seismicity****Building System****General**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	LOAD PATH: The structure shall contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation. (Commentary: Sec. A.2.1.1. Tier 2: Sec. 5.4.1.1)	There is no complete load path.
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	ADJACENT BUILDINGS: The clear distance between the building being evaluated and any adjacent building is greater than 4% of the height of the shorter building. This statement need not apply for the following building types: W1, W1A, and W2. (Commentary: Sec. A.2.1.2. Tier 2: Sec. 5.4.1.2)	Wall anchorages are unknown.
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	MEZZANINES: Interior mezzanine levels are braced independently from the main structure or are anchored to the seismic-force-resisting elements of the main structure. (Commentary: Sec. A.2.1.3. Tier 2: Sec. 5.4.1.3)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**Building Configuration**

RATING				DESCRIPTION	COMMENTS
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	WEAK STORY: The sum of the shear strengths of the seismic-force-resisting system in any story in each direction is not less than 80% of the strength in the adjacent story above. (Commentary: Sec. A.2.2.2, Tier 2: Sec. 5.4.2.1)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	SOFT STORY: The stiffness of the seismic-force-resisting system in any story is not less than 70% of the seismic-force-resisting system stiffness in an adjacent story above or less than 80% of the average seismic-force-resisting system stiffness of the three stories above. (Commentary: Sec. A.2.2.3, Tier 2: Sec. 5.4.2.2)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	VERTICAL IRREGULARITIES: All vertical elements in the seismic-force-resisting system are continuous to the foundation. (Commentary: Sec. A.2.2.4, Tier 2: Sec. 5.4.2.3)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	GEOMETRY: There are no changes in the net horizontal dimension of the seismic-force-resisting system of more than 30% in a story relative to adjacent stories, excluding one-story penthouses and mezzanines. (Commentary: Sec. A.2.2.5, Tier 2: Sec. 5.4.2.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	MASS: There is no change in effective mass more than 50% from one story to the next. Light roofs, penthouses, and mezzanines need not be considered. (Commentary: Sec. A.2.2.6. Tier 2: Sec. 5.4.2.5)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	TORSION: The estimated distance between the story center of mass and the story center of rigidity is less than 20% of the building width in either plan dimension. (Commentary: Sec. A.2.2.7. Tier 2: Sec. 5.4.2.6)	C-shape results in torsional irregularity, add shear walls in each section to eliminate torsion.

**Moderate Seismicity****Geologic Site Hazards**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LIQUEFACTION: Liquefaction-susceptible, saturated, loose granular soils that could jeopardize the building's seismic performance shall not exist in the foundation soils at depths within 50 ft under the building. (Commentary: Sec. A.6.1.1. Tier 2: 5.4.3.1)	
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	SLOPE FAILURE: The building site is sufficiently remote from potential earthquake-induced slope failures or rockfalls to be unaffected by such failures or is capable of accommodating any predicted movements without failure. (Commentary: Sec. A.6.1.2. Tier 2: 5.4.3.1)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	SURFACE FAULT RUPTURE: Surface fault rupture and surface displacement at the building site are not anticipated. (Commentary: Sec. A.6.1.3. Tier 2: 5.4.3.1)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

**High Seismicity****Foundation Configuration**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	OVERTURNING: The ratio of the least horizontal dimension of the seismic-force-resisting system at the foundation level to the building height (base/height) is greater than $0.6S_a$ . (Commentary: Sec. A.6.2.1. Tier 2: Sec. 5.4.3.3)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	TIES BETWEEN FOUNDATION ELEMENTS: The foundation has ties adequate to resist seismic forces where footings, piles, and piers are not restrained by beams, slabs, or soils classified as Site Class A, B, or C. (Commentary: Sec. A.6.2.2. Tier 2: Sec. 5.4.3.4)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



## 16.3LS Life Safety Structural Checklist for Building Type W2: Wood Frames, Commercial and Industrial

### Low and Moderate Seismicity

#### Lateral Seismic-Force-Resisting System

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	REDUNDANCY: The number of lines of shear walls in each principal direction is greater than or equal to 2. (Commentary: Sec. A.3.2.1.1. Tier 2: Sec. 5.5.1.1)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	SHEAR STRESS CHECK: The shear stress in the shear walls, calculated using the Quick Check procedure of Section 4.5.3.3, is less than the following values (Commentary: Sec. A.3.2.7.1. Tier 2: Sec. 5.5.3.1.1): Structural panel sheathing 1,000 lb/ft Diagonal sheathing 700 lb/ft Straight sheathing 100 lb/ft All other conditions 100 lb/ft	Add plywood shear walls.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	STUCCO (EXTERIOR PLASTER) SHEAR WALLS: Multi-story buildings do not rely on exterior stucco walls as the primary seismic-force-resisting system. (Commentary: Sec. A.3.2.7.2. Tier 2: Sec. 5.5.3.6.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	GYPSON WALLBOARD OR PLASTER SHEAR WALLS: Interior plaster or gypsum wallboard is not used as shear walls on buildings more than one story high with the exception of the uppermost level of a multi-story building. (Commentary: Sec. A.3.2.7.3. Tier 2: Sec. 5.5.3.6.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	NARROW WOOD SHEAR WALLS: Narrow wood shear walls with an aspect ratio greater than 2-to-1 are not used to resist seismic forces. (Commentary: Sec. A.3.2.7.4. Tier 2: Sec. 5.5.3.6.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	WALLS CONNECTED THROUGH FLOORS: Shear walls have an interconnection between stories to transfer overturning and shear forces through the floor. (Commentary: Sec. A.3.2.7.5. Tier 2: Sec.5.5.3.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	HILLSIDE SITE: For structures that are taller on at least one side by more than one-half story because of a sloping site, all shear walls on the downhill slope have an aspect ratio less than 1-to-1. (Commentary: Sec. A.3.2.7.6. Tier 2: Sec. 5.5.3.6.3)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	CRIPPLE WALLS: Cripple walls below first-floor-level shear walls are braced to the foundation with wood structural panels. (Commentary: Sec. A.3.2.7.7. Tier 2: Sec. 5.5.3.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	OPENINGS: Walls with openings greater than 80% of the length are braced with wood structural panel shear walls with aspect ratios of not more than 1.5-to-1 or are supported by adjacent construction through positive ties capable of transferring the seismic forces. (Commentary: Sec. A.3.2.7.8, Tier 2: Sec. 5.5.3.6.5)	Long walls do not appear to have wood structural panel sheathing.
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**Connections**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	WOOD POSTS: There is a positive connection of wood posts to the foundation. (Commentary: Sec. A.5.3.3, Tier 2: Sec. 5.7.3.3)	No posts, only bearing walls.
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	WOOD SILLS: All wood sills are bolted to the foundation. (Commentary: Sec. A.5.3.4, Tier 2: Sec. 5.7.3.3)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	GIRDER-COLUMN CONNECTION: There is a positive connection using plates, connection hardware, or straps between the girder and the column support. (Commentary: Sec. A.5.4.1, Tier 2: Sec. 5.7.4.1)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**High Seismicity****Diaphragms**

RATING				DESCRIPTION	COMMENTS
C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	DIAPHRAGM CONTINUITY: The diaphragms are not composed of split-level floors and do not have expansion joints. (Commentary: Sec. A.4.1.1. Tier 2: Sec. 5.6.1.1)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	ROOF CHORD CONTINUITY: All chord elements are continuous, regardless of changes in roof elevation. (Commentary: Sec. A.4.1.3. Tier 2: Sec. 5.6.1.1)	Based on age of school and lack of detailing it is assumed chords need to be added.
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	DIAPHRAGM REINFORCEMENT AT OPENINGS: There is reinforcing around all diaphragm openings larger than 50% of the building width in either major plan dimension. (Commentary: Sec. A.4.1.8. Tier 2: Sec. 5.6.1.5)	
C <input type="checkbox"/>	NC <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	STRAIGHT SHEATHING: All straight sheathed diaphragms have aspect ratios less than 2-to-1 in the direction being considered. (Commentary: Sec. A.4.2.1. Tier 2: Sec. 5.6.2)	Spaced straight sheathing with a plywood layer under roofing. Nailing is unknown.

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	SPANS: All wood diaphragms with spans greater than 24 ft consist of wood structural panels or diagonal sheathing. Wood commercial and industrial buildings may have rod-braced systems. (Commentary: Sec. A.4.2.2. Tier 2: Sec. 5.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	DIAGONALLY SHEATHED AND UNBLOCKED DIAPHRAGMS: All diagonally sheathed or unblocked wood structural panel diaphragms have horizontal spans less than 40 ft and aspect ratios less than or equal to 4-to-1. (Commentary: Sec. A.4.2.3. Tier 2: Sec. 5.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	OTHER DIAPHRAGMS: The diaphragm does not consist of a system other than wood, metal deck, concrete, or horizontal bracing. (Commentary: Sec. A.4.7.1. Tier 2: Sec. 5.6.5)	

**Connections**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	WOOD SILL BOLTS: Sill bolts are spaced at 6 ft or less, with proper edge and end distance provided for wood and concrete. (Commentary: A.5.3.7. Tier 2: Sec. 5.7.3.3)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

## 16.17 Nonstructural Checklist

The Performance Level is designated LS for Life Safety or PR for Position Retention. The level of seismicity is designated as "not required" or by L, M, or H, for Low, Moderate, and High.

### All Seismicity Levels

#### Life Safety Systems

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-LMH; PR-LMH. FIRE SUPPRESSION PIPING: Fire suppression piping is anchored and braced in accordance with NFPA-13. (Commentary: Sec. A.7.13.1. Tier 2: Sec. 13.7.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. FLEXIBLE COUPLINGS: Fire suppression piping has flexible couplings in accordance with NFPA-13. (Commentary: Sec. A.7.13.2. Tier 2: Sec. 13.7.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. EMERGENCY POWER: Equipment used to power or control life safety systems is anchored or braced. (Commentary: Sec. A.7.12.1. Tier 2: Sec. 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR AND SMOKE DUCTS: Stair pressurization and smoke control ducts are braced and have flexible connections at seismic joints. (Commentary: Sec. A.7.14.1. Tier 2: Sec. 13.7.6)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. SPRINKLER CEILING CLEARANCE: Penetrations through panelized ceilings for fire suppression devices provide clearances in accordance with NFPA-13. (Commentary: Sec. A.7.13.3. Tier 2: Sec. 13.7.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-LMH. EMERGENCY LIGHTING: Emergency and egress lighting equipment is anchored or braced. (Commentary: Sec. A.7.3.1. Tier 2: Sec. 13.7.9)	

**Hazardous Materials**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. HAZARDOUS MATERIAL EQUIPMENT: Equipment mounted on vibration isolators and containing hazardous material is equipped with restraints or snubbers. (Commentary: Sec. A.7.12.2. Tier 2: 13.7.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. HAZARDOUS MATERIAL STORAGE: Breakable containers that hold hazardous material, including gas cylinders, are restrained by latched doors, shelf lips, wires, or other methods. (Commentary: Sec. A.7.15.1. Tier 2: Sec. 13.8.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. HAZARDOUS MATERIAL DISTRIBUTION: Piping or ductwork conveying hazardous materials is braced or otherwise protected from damage that would allow hazardous material release. (Commentary: Sec. A.7.13.4, Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. SHUT-OFF VALVES: Piping containing hazardous material, including natural gas, has shut-off valves or other devices to limit spills or leaks. (Commentary: Sec. A.7.13.3, Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. FLEXIBLE COUPLINGS: Hazardous material ductwork and piping, including natural gas piping, has flexible couplings. (Commentary: Sec. A.7.15.4, Tier 2: Sec.13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. PIPING OR DUCTS CROSSING SEISMIC JOINTS: Piping or ductwork carrying hazardous material that either crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.13.6, Tier 2: Sec.13.7.3, 13.7.5, and 13.7.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



**Partitions**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. UNREINFORCED MASONRY: Unreinforced masonry or hollow-clay tile partitions are braced at a spacing of at most 10 ft in Low or Moderate Seismicity, or at most 6 ft in High Seismicity. (Commentary: Sec. A.7.1.1. Tier 2: Sec. 13.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. HEAVY PARTITIONS SUPPORTED BY CEILINGS: The tops of masonry or hollow-clay tile partitions are not laterally supported by an integrated ceiling system. (Commentary: Sec. A.7.2.1. Tier 2: Sec. 13.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. DRIFT: Rigid cementitious partitions are detailed to accommodate the following drift ratios: in steel moment frame, concrete moment frame, and wood frame buildings, 0.02; in other buildings, 0.005. (Commentary A.7.1.2 Tier 2: Sec. 13.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. LIGHT PARTITIONS SUPPORTED BY CEILINGS: The tops of gypsum board partitions are not laterally supported by an integrated ceiling system. (Commentary: Sec. A.7.2.1. Tier 2: Sec. 13.6.2)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. STRUCTURAL SEPARATIONS: Partitions that cross structural separations have seismic or control joints. (Commentary: Sec. A.7.1.3. Tier 2. Sec. 13.6.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. TOPS: The tops of ceiling-high framed or panelized partitions have lateral bracing to the structure at a spacing equal to or less than 6 ft. (Commentary: Sec. A.7.1.4. Tier 2. Sec. 13.6.2)	

**Ceilings**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-LMH. SUSPENDED LATH AND PLASTER: Suspended lath and plaster ceilings have attachments that resist seismic forces for every 12 ft <sup>2</sup> of area. (Commentary: Sec. A.7.2.3. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-LMH. SUSPENDED GYPSUM BOARD: Suspended gypsum board ceilings have attachments that resist seismic forces for every 12 ft <sup>2</sup> of area. (Commentary: Sec. A.7.2.3. Tier 2: Sec. 13.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. INTEGRATED CEILINGS: Integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> , and ceilings of smaller areas that are not surrounded by restraining partitions, are laterally restrained at a spacing no greater than 12 ft with members attached to the structure above. Each restraint location has a minimum of four diagonal wires and compression struts, or diagonal members capable of resisting compression. (Commentary: Sec. A.7.2.2. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. EDGE CLEARANCE: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> have clearances from the enclosing wall or partition of at least the following: in Moderate Seismicity, 1/2 in.; in High Seismicity, 3/4 in. (Commentary: Sec. A.7.2.4. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. CONTINUITY ACROSS STRUCTURE JOINTS: The ceiling system does not cross any seismic joint and is not attached to multiple independent structures. (Commentary: Sec. A.7.2.5. Tier 2: Sec. 13.6.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. EDGE SUPPORT: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft <sup>2</sup> are supported by closure angles or channels not less than 2 in. wide. (Commentary: Sec. A.7.2.6. Tier 2: Sec. 13.6.4)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-not required; PR-H. SEISMIC JOINTS: Acoustical tile or lay-in panel ceilings have seismic separation joints such that each continuous portion of the ceiling is no more than 2500 ft <sup>2</sup> and has a ratio of long-to-short dimension no more than 4-to-1. (Commentary: Sec. A.7.2.7. Tier 2: 13.6.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Light Fixtures**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-MH; PR-MH. INDEPENDENT SUPPORT: Light fixtures that weigh more per square foot than the ceiling they penetrate are supported independent of the grid ceiling suspension system by a minimum of two wires at diagonally opposite corners of each fixture. (Commentary: Sec. A.7.3.2. Tier 2: Sec. 13.6.4 and 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-H. PENDANT SUPPORTS: Light fixtures on pendant supports are attached at a spacing equal to or less than 6 ft and, if rigidly supported, are free to move with the structure to which they are attached without damaging adjoining components. (Commentary: A.7.3.3. Tier 2: Sec. 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-not required; PR-H. LENS COVERS: Lens covers on light fixtures are attached with safety devices. (Commentary: Sec. A.7.3.4. Tier 2: Sec. 13.7.9)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

**Cladding and Glazing**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-MH; PR-MH. CLADDING ANCHORS: Cladding components weighing more than 10 lb/ft <sup>2</sup> are mechanically anchored to the structure at a spacing equal to or less than the following: for Life Safety in Moderate Seismicity, 6 ft; for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 ft. (Commentary: Sec. A.7.4.1. Tier 2: Sec. 13.6.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-MH; PR-MH. CLADDING ISOLATION: For steel or concrete moment frame buildings, panel connections are detailed to accommodate a story drift ratio of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02. (Commentary: Sec. A.7.4.3. Tier 2: Section 13.6.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-MH; PR-MH. MULTI-STORY PANELS: For multi-story panels attached at more than one floor level, panel connections are detailed to accommodate a story drift ratio of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02. (Commentary: Sec. A.7.4.4. Tier 2: Sec. 13.6.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-MH; PR-MH. PANEL CONNECTIONS: Cladding panels are anchored out-of-plane with a minimum number of connections for each wall panel, as follows: for Life Safety in Moderate Seismicity, 2 connections; for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 connections. (Commentary: Sec. A.7.4.5. Tier 2: Sec. 13.6.1.4)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. BEARING CONNECTIONS: Where bearing connections are used, there is a minimum of two bearing connections for each cladding panel. (Commentary: Sec. A.7.4.6. Tier 2: Sec. 13.6.1.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. INSERTS: Where concrete cladding components use inserts, the inserts have positive anchorage or are anchored to reinforcing steel. (Commentary: Sec. A.7.4.7. Tier 2: Sec. 13.6.1.4)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input checked="" type="checkbox"/>	LS-MH; PR-MH. OVERHEAD GLAZING: Glazing panes of any size in curtain walls and individual interior or exterior panes over 16 ft <sup>2</sup> in area are laminated annealed or laminated heat-strengthened glass and are detailed to remain in the frame when cracked. (Commentary: Sec. A.7.4.8: Tier 2: Sec. 13.6.1.5)	

**Masonry Veneer.**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. TIES: Masonry veneer is connected to the backup with corrosion-resistant ties. There is a minimum of one tie for every 2-2/3 ft <sup>2</sup> , and the ties have spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 36 in.; for Life Safety in High Seismicity and for Position Retention in any seismicity, 24 in. (Commentary: Sec. A.7.5.1. Tier 2: Sec. 13.6.1.2)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. SHELF ANGLES: Masonry veneer is supported by shelf angles or other elements at each floor above the ground floor. (Commentary: Sec. A.7.5.2. Tier 2: Sec. 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. WEAKENED PLANES: Masonry veneer is anchored to the backup adjacent to weakened planes, such as at the locations of flashing. (Commentary: Sec. A.7.5.3. Tier 2: Sec. 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. UNREINFORCED MASONRY BACKUP: There is no unreinforced masonry backup. (Commentary: Sec. A.7.7.2. Tier 2: Section 13.6.1.1 and 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. STUD TRACKS: For veneer with metal stud backup, stud tracks are fastened to the structure at a spacing equal to or less than 24 in. on center. (Commentary: Sec. A.7.6.1. Tier 2: Section 13.6.1.1 and 13.6.1.2)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-MH. ANCHORAGE: For veneer with concrete block or masonry backup, the backup is positively anchored to the structure at a horizontal spacing equal to or less than 4 ft along the floors and roof. (Commentary: Sec. A.7.7.1. Tier 2: Section 13.6.1.1 and 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. WEEP HOLES: In veneer anchored to stud walls, the veneer has functioning weep holes and base flashing. (Commentary: Sec. A.7.5.6. Tier 2: Section 13.6.1.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. OPENINGS: For veneer with metal stud backup, steel studs frame window and door openings. (Commentary: Sec. A.7.6.2. Tier 2: Sec. 13.6.1.1 and 13.6.1.2)	

**Parapets, Cornices, Ornamentation, and Appendages**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. URM PARAPETS OR CORNICES: Laterally unsupported unreinforced masonry parapets or cornices have height-to-thickness ratios no greater than the following: for Life Safety in Low or Moderate Seismicity, 2.5; for Life Safety in High Seismicity and for Position Retention in any seismicity, 1.5. (Commentary: Sec. A.7.8.1. Tier 2: Sec. 13.6.5)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. CANOPIES: Canopies at building exits are anchored to the structure at a spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 10 ft; for Life Safety in High Seismicity and for Position Retention in any seismicity, 6 ft. (Commentary: Sec. A.7.8.2. Tier 2: Sec. 13.6.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-LMH. CONCRETE PARAPETS: Concrete parapets with height-to-thickness ratios greater than 2.5 have vertical reinforcement. (Commentary: Sec. A.7.8.3. Tier 2: Sec. 13.6.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-MH; PR-LMH. APPENDAGES: Cornices, parapets, signs, and other ornamentation or appendages that extend above the highest point of anchorage to the structure or cantilever from components are reinforced and anchored to the structural system at a spacing equal to or less than 6 ft. This checklist item does not apply to parapets or cornices covered by other checklist items. (Commentary: Sec. A.7.8.4. Tier 2: Sec. 13.6.6)	

**Masonry Chimneys**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-LMH; PR-LMH. URM CHIMNEYS: Unreinforced masonry chimneys extend above the roof surface no more than the following: for Life Safety in Low or Moderate Seismicity, 3 times the least dimension of the chimney; for Life Safety in High Seismicity and for Position Retention in any seismicity, 2 times the least dimension of the chimney. (Commentary: Sec. A.7.9.1. Tier 2: 13.6.7)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-LMH; PR-LMH. ANCHORAGE: Masonry chimneys are anchored at each floor level, at the topmost ceiling level, and at the roof. (Commentary: Sec. A.7.9.2. Tier 2: 13.6.7)	Remove brick chimneys if possible.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Stairs**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR ENCLOSURES: Hollow-clay tile or unreinforced masonry walls around stair enclosures are restrained out-of-plane and have height-to-thickness ratios not greater than the following: for Life Safety in Low or Moderate Seismicity, 15-to-1; for Life Safety in High Seismicity and for Position Retention in any seismicity, 12-to-1. (Commentary: Sec. A.7.10.1. Tier 2: Sec. 13.6.2 and 13.6.8)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-LMH; PR-LMH. STAIR DETAILS: In moment frame structures, the connection between the stairs and the structure does not rely on shallow anchors in concrete. Alternatively, the stair details are capable of accommodating the drift calculated using the Quick Check procedure of Section 4.5.3.1 without including any lateral stiffness contribution from the stairs. (Commentary: Sec. A.7.10.2. Tier 2: 13.6.8)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Contents and Furnishings**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-MH; PR-MH. INDUSTRIAL STORAGE RACKS: Industrial storage racks or pallet racks more than 12 ft high meet the requirements of ANSI/MH 16.1 as modified by ASCE 7 Chapter 15. (Commentary: Sec. A.7.11.1. Tier 2: Sec. 13.8.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-MH. TALL NARROW CONTENTS: Contents more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 are anchored to the structure or to each other. (Commentary: Sec. A.7.11.2. Tier 2: Sec. 13.8.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-H. FALL-PRONE CONTENTS: Equipment, stored items, or other contents weighing more than 20 lb whose center of mass is more than 4 ft above the adjacent floor level are braced or otherwise restrained. (Commentary: Sec. A.7.11.3. Tier 2: Sec. 13.8.2)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. ACCESS FLOORS: Access floors more than 9 in. high are braced. (Commentary: Sec. A.7.11.4. Tier 2: Sec. 13.8.3)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. EQUIPMENT ON ACCESS FLOORS: Equipment and other contents supported by access floor systems are anchored or braced to the structure independent of the access floor. (Commentary: Sec. A.7.11.5. Tier 2: Sec. 13.7.7 and 13.8.3)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U	LS-not required; PR-H. SUSPENDED CONTENTS: Items suspended without lateral bracing are free to swing from or move with the structure from which they are suspended without damaging themselves or adjoining components. (Commentary. A.7.11.6. Tier 2: Sec. 13.8.2)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

**Mechanical and Electrical Equipment**

RATING				DESCRIPTION	COMMENTS
C	NC	N/A	U	LS-H; PR-H. FALL-PRONE EQUIPMENT: Equipment weighing more than 20 lb whose center of mass is more than 4 ft above the adjacent floor level, and which is not in-line equipment, is braced. (Commentary: A.7.12.4. Tier 2: 13.7.1 and 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-H; PR-H. IN-LINE EQUIPMENT: Equipment installed in-line with a duct or piping system, with an operating weight more than 75 lb, is supported and laterally braced independent of the duct or piping system. (Commentary: Sec. A.7.12.5. Tier 2: Sec. 13.7.1)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
C	NC	N/A	U	LS-H; PR-MH. TALL NARROW EQUIPMENT: Equipment more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 is anchored to the floor slab or adjacent structural walls. (Commentary: Sec. A.7.12.6. Tier 2: Sec. 13.7.1 and 13.7.7)	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-MH. MECHANICAL DOORS: Mechanically operated doors are detailed to operate at a story drift ratio of 0.01. (Commentary: Sec. A.7.12.7. Tier 2: Sec. 13.6.9)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SUSPENDED EQUIPMENT: Equipment suspended without lateral bracing is free to swing from or move with the structure from which it is suspended without damaging itself or adjoining components. (Commentary: Sec. A.7.12.8. Tier 2: Sec. 13.7.1 and 13.7.7)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. VIBRATION ISOLATORS: Equipment mounted on vibration isolators is equipped with horizontal restraints or snubbers and with vertical restraints to resist overturning. (Commentary: Sec. A.7.12.9. Tier 2: Sec. 13.7.1)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. HEAVY EQUIPMENT: Floor-supported or platform-supported equipment weighing more than 400 lb is anchored to the structure. (Commentary: Sec. A.7.12.10. Tier 2: 13.7.1 and 13.7.7)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input checked="" type="checkbox"/>	NC <input type="checkbox"/>	N/A <input type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. ELECTRICAL EQUIPMENT: Electrical equipment is laterally braced to the structure. (Commentary: Sec. A.7.12.11. Tier 2: 13.7.7)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. CONDUIT COUPLINGS: Conduit greater than 2.5 in. trade size that is attached to panels, cabinets, or other equipment and is subject to relative seismic displacement has flexible couplings or connections. (Commentary: Sec. A.7.12.12. Tier 2: 13.7.8)	

**Piping**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. FLEXIBLE COUPLINGS: Fluid and gas piping has flexible couplings. (Commentary: Sec. A.7.13.2. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. FLUID AND GAS PIPING: Fluid and gas piping is anchored and braced to the structure to limit spills or leaks. (Commentary: Sec. A.7.13.4. Tier 2: Sec. 13.7.3 and 13.7.5)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. C-CLAMPS: One-sided C-clamps that support piping larger than 2.5 in. in diameter are restrained. (Commentary: Sec. A.7.13.5. Tier 2: Sec. 13.7.3 and 13.7.5)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. PIPING CROSSING SEISMIC JOINTS: Piping that crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.13.6. Tier 2: Sec. 13.7.3 and Sec. 13.7.5)	

**Ducts**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. DUCT BRACING: Rectangular ductwork larger than 6 ft <sup>2</sup> in cross-sectional area and round ducts larger than 28 in. in diameter are braced. The maximum spacing of transverse bracing does not exceed 30 ft. The maximum spacing of longitudinal bracing does not exceed 60 ft. (Commentary: Sec. A.7.14.2. Tier 2: Sec. 13.7.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. DUCT SUPPORT: Ducts are not supported by piping or electrical conduit. (Commentary: Sec. A.7.14.3. Tier 2: Sec. 13.7.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. DUCTS CROSSING SEISMIC JOINTS: Ducts that cross seismic joints or isolation planes or are connected to independent structures have couplings or other details to accommodate the relative seismic displacements. (Commentary: Sec. A.7.14.5, Tier 2: Sec. 13.7.6)	
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**Elevators**

RATING				DESCRIPTION	COMMENTS
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-H. RETAINER GUARDS: Sheaves and drums have cable retainer guards. (Commentary: Sec. A.7.16.1, Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-H; PR-H. RETAINER PLATE: A retainer plate is present at the top and bottom of both car and counterweight. (Commentary: Sec. A.7.16.2, Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. ELEVATOR EQUIPMENT: Equipment, piping, and other components that are part of the elevator system are anchored. (Commentary: Sec. A.7.16.3, Tier 2: 13.8.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown



C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SEISMIC SWITCH: Elevators capable of operating at speeds of 150 ft/min or faster are equipped with seismic switches that meet the requirements of ASME A17.1 or have trigger levels set to 20% of the acceleration of gravity at the base of the structure and 50% of the acceleration of gravity in other locations. (Commentary: Sec. A.7.16.4. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SHAFT WALLS: Elevator shaft walls are anchored and reinforced to prevent toppling into the shaft during strong shaking. (Commentary: Sec. A.7.16.5. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. COUNTERWEIGHT RAILS: All counterweight rails and divider beams are sized in accordance with ASME A17.1. (Commentary: Sec. A.7.16.6. Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. BRACKETS: The brackets that tie the car rails and the counterweight rail to the structure are sized in accordance with ASME A17.1. (Commentary: Sec. A.7.16.7. Tier 2: 13.8.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. SPREADER BRACKET: Spreader brackets are not used to resist seismic forces. (Commentary: Sec. A.7.16.8, Tier 2: 13.8.6)	
C <input type="checkbox"/>	NC <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	U <input type="checkbox"/>	LS-not required; PR-H. GO-SLOW ELEVATORS: The building has a go-slow elevator system. (Commentary: Sec. A.7.16.9, Tier 2: 13.8.6)	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

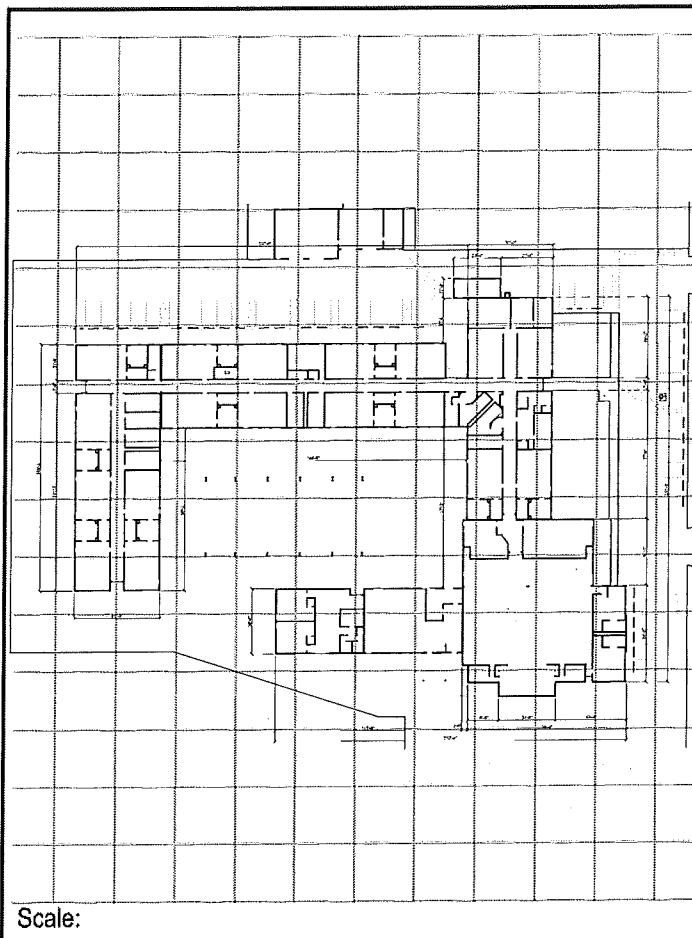
## APPENDIX B

### RVS REPORT

# Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

**HIGH Seismicity**



Scale:

Address: 45 S. Moss Street  
Lowell, OR Zip 97542  
 Other Identifiers \_\_\_\_\_  
 No. Stories 1 Year Built 1942  
 Screener R. Kernan Date 10-29-15  
 Total Floor Area (sq. ft.) \_\_\_\_\_  
 Building Name Lundy Elementary School  
 Use School



OCCUPANCY			SOIL	TYPE						FALLING HAZARDS			
Assembly	Govt	Office	Number of Persons 0 - 10    11 - 100 <u>101-1000</u> 1000+	A	B	C	<u>D</u>	E	F	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	Historic	Residential		Hard Rock	Avg. Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	Unreinforced Chimneys	Parapets	Cladding	Other:
Emer. Services	Industrial	<u>School</u>											

## BASIC SCORE, MODIFIERS, AND FINAL SCORE, S

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	<u>3.8</u>	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan Irregularity	-0.5	<u>-0.5</u>	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	<u>-1.0</u>	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	<u>-0.8</u>	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

**FINAL SCORE, S**      **1.5**

**COMMENTS**

**Detailed Evaluation Required**

YES NO

\* = Estimated, subjective, or unreliable data  
 DNK = Do Not Know

BR = Braced frame  
 FD = Flexible diaphragm  
 LM = Light metal

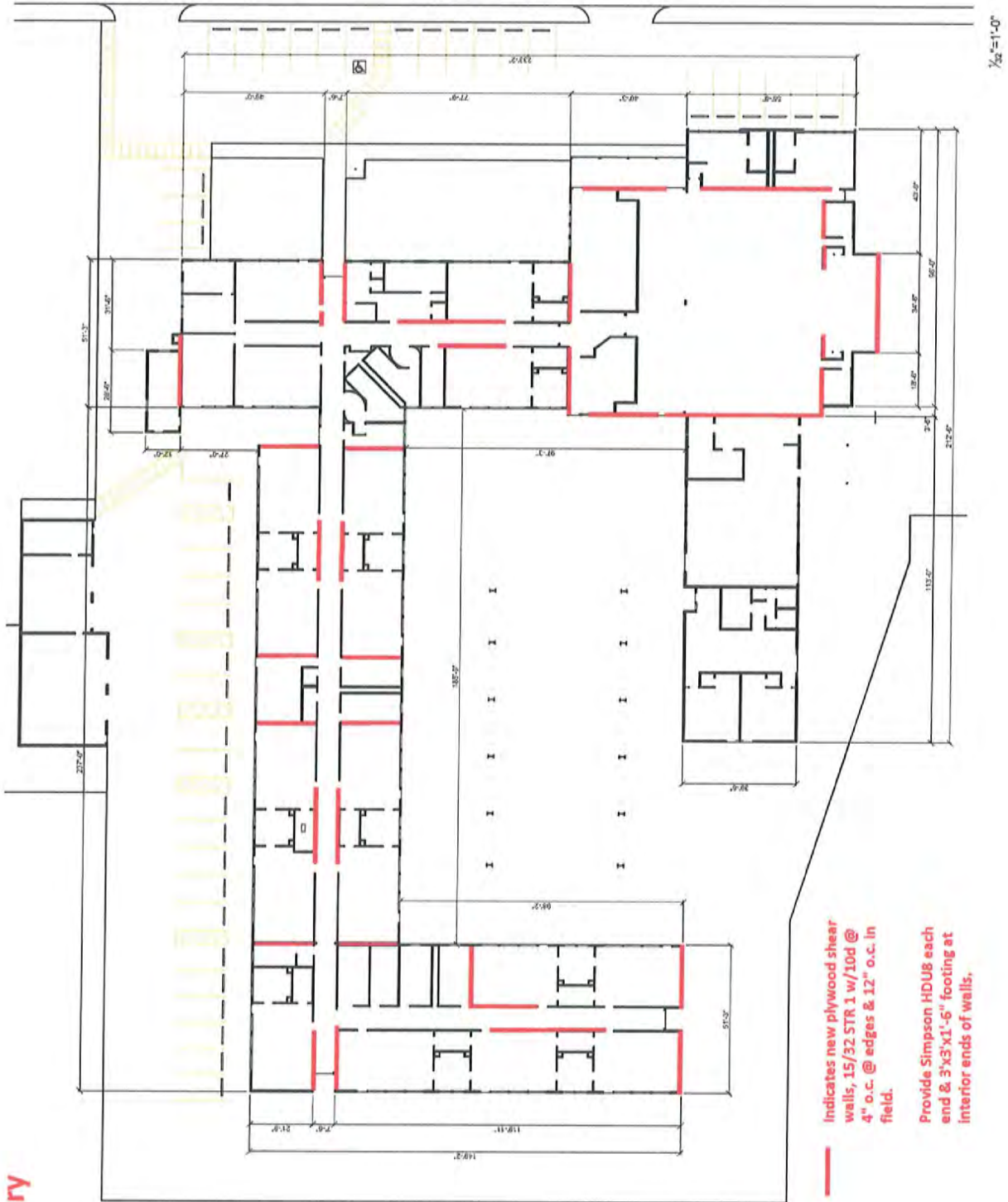
MRF = Moment-resisting frame  
 RC = Reinforced concrete  
 RD = Rigid diaphragm

SW = Shear wall  
 TU = Tilt up  
 URM INF = Unreinforced masonry infill

## APPENDIX C

### STRENGTHENING SCHEME

# Lundy Elementary



## Lundy Elementary School Seismic Upgrades

### Scope of work - Narrative

#### 1. At new interior shear walls

- Demolition:
  - Remove existing finishes on one side of the wall
  - Remove existing ceiling finishes within two feet of the existing wall
  - Remove existing floor finishes at the ends of the wall
  - Sawcut existing slab at the ends of each wall to remove a 3'x3' section of slab
  - Excavate to a depth of 1'6"
- Footings
  - Install new 3' x 3' x 18" concrete footings with #4 Rebar at 8" o/c each way
- Shear wall
  - Install 15/32" plywood sheathing full height of wall w/ 10d@4" o/c at edges and 12" o/c in the field.
  - Install a HDU8 at each end of the shear wall (in the new footing)
  - Attach the top of the shear wall to framing with appropriate metal straps to provide a positive connection between the shear wall and the roof structure
- Finishes
  - Install new veneer plaster wall finish with hardwood trim and hard board wainscot to match existing finishes.
  - Paint all materials to match existing

#### 2. At new perimeter shear walls

- Demolition:
  - Remove existing finishes on the interior side of the wall
  - Remove existing ceiling finishes within two feet of the existing wall – extend the length of the wall
  - Remove existing floor finishes at the wall ends
- Footings
  - Install one HDU8 at each end of the shear wall
- Shear wall
  - Install 15/32" plywood sheathing full height of wall w/ 10d@4" o/c at edges and 12" o/c in the field.
  - Attach the top of the shear wall to framing with appropriate metal straps to provide a positive connection between the shear wall and the roof structure
- Finishes
  - Install new veneer plaster wall finish with hardwood trim and hard board wainscot to match existing finishes.
  - Paint all materials to match existing

3. Remove existing chimneys.
  - Remove existing chimney down to the ground and patch siding system to match existing



## Oregon Seismic Rehabilitation Grant Application: Benefit-Cost Analysis

Entity:	Lane County School District #71		
Point of Contact	Debi McNamara		
Telephone:	541-937-8405		
E-Mail:	<a href="mailto:dmcnamara@lowell.k12.or.us">dmcnamara@lowell.k12.or.us</a>		
BCA File Name:		BCA Date:	

Building Name:	Lundy Elementary School		
Site ID:	Lane_sch95		
Facility Use:	School		

Is the Building in the Oregon BCA Tool Database: Yes or No?

Yes

How Many Structurally Different Building Parts Are There?

User-Defined	Database
1	2

Unique Building ID Number	Building Part Square Footage	Percent of Total SF	Percent of Occupancy	Percent of Budget	Building Part Being Retrofitted?
Lane_sch95A	33,163	88.14%	90.00%	100.00%	Yes
Lane_sch95B	4,463	11.86%	10.00%		No
<b>Totals:</b>	<b>37,626</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	

Seismic Retrofit Cost Estimate per SRGP Application:

\$1,270,743

**Benefit-Cost Analysis: Summary Results**  
**Lundy Elementary School**

Building Part	Benefits	Benefits by Category	
Lane_sch95A	\$1,171,203	Avoided Damages and Losses	
Lane_sch95B		Building Damage	\$255,035
		Contents Damage	\$63,759
		Displacement Costs	\$26,406
		Loss of Function Costs	\$10,548
		Casualties	\$815,455
		<b>Total</b>	<b>\$1,171,203</b>
<b>Total Benefits</b>	<b>\$1,171,203</b>		
<b>Total Cost</b>	<b>\$1,270,743</b>		
<b>Benefit-Cost Ratio</b>	<b>0.922</b>		

Occupancy Data

For benefit-cost analysis, the average occupancy on a 24/7/365 basis is used for casualty calculations.

Enter data below ONLY for the occupancy categories applicable to this building - all other green cell entries should be left blank.

There are entries below for: employees, visitors, students, meetings or special events and patients.

NOTE: for buildings with similar occupancies each month, complete the tables on the left side only.

NOTE: For buildings with different summer occupancies, complete the tables both on the left and right sides. If this does not apply, enter "0" for number of summer months

Employees: 12 Months per Year or Academic Year for Schools				
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy
Monday - Friday	Day	8	36	6.411
Monday - Friday	Evening	3	1	0.067
Monday - Friday	Night			
Saturday	Day	1	1	0.004
Saturday	Evening			
Saturday	Night			
Sunday	Day			
Sunday	Evening			
Sunday	Night			
Subtotal:				6.482

Employees: Summer Months				Number of Months:	3
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy	
Monday - Friday	Day	8	12	0.712	
Monday - Friday	Evening	3	1	0.022	
Monday - Friday	Night				
Saturday	Day	1	1	0.001	
Saturday	Evening				
Saturday	Night				
Sunday	Day				
Sunday	Evening				
Sunday	Night				
Subtotal:				0.736	

Visitors: 12 Months per Year or Academic Year for Schools			
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy
Monday - Friday	10	60	0.223
Saturday			
Sunday			
Subtotal:			0.223

Visitors: Summer Months			Number of Months:	3
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy	
Monday - Friday	25	60	0.186	
Saturday				
Sunday				
Subtotal:			0.186	

K-12 Students: Academic Year	
Average Daily Number of Students:	225
Hours per Day:	7
Days per Year:	175
Calculated 24/7/365 Occupancy:	31.464

K-12 Students: Summer School	
Average Daily Number of Students:	25
Hours per Day:	3
Days per Year:	20
Calculated 24/7/365 Occupancy:	0.171

College Students: Academic Year				
Number of Weeks per Year of Classes:				
Course	Class Duration (hours)	Number of Class Periods per Week	Average Number of Students per Class	Calculated 24/7/365 Occupancy
1 Hr. Courses	1			
1.5 Hr. Courses	1.5			
2 Hr. Courses	2			
3 Hr. Courses	3			
Other	N/A			
Other	N/A			
Subtotal:				

College Students: Summer School				
Number of Weeks per Year of Classes:				
Course	Class Duration (hours)	Number of Class Periods per Week	Average Number of Students per Class	Calculated 24/7/365 Occupancy
1 Hr. Courses	1			
1.5 Hr. Courses	1.5			
2 Hr. Courses	2			
3 Hr. Courses	3			
Other	N/A			
Other	N/A			
Subtotal:				

### Occupancy Data

[illegible]

Patients			
Total Number of In-Patient Beds:			
Average Daily Number of In-Patients			
Average Percentage Occupancy			
Day of Week	Average Number of Out-Patients per Day	Average Time in Building (Hours)	Calculated 24/7/365 Occupancy
Monday - Friday			
Saturday			
Sunday			
		Out-Patients:	
		In-Patients:	
		Total Patients:	

Occupancy Data

SUMMARY OCCUPANCY DATA:  
Average 24/7/365 Occupancy

Occupancy Category	12 Months Academic Year	or Summer
Employees	6.482	0.736
Visitors	0.223	0.186
Students: K-12	31.464	0.171
Students: College		
Meetings & Special Events	0.625	N/A
Patients		N/A
Subtotals:	38.794	1.093
Avg 24/7/365 Occupancy:	39.887	

### Instructions

These tables calculate the inputs required to determine the average 24/7/365 occupancy for the classes in the building. The tables are organized by course duration (1 hr, 1.5 hr, etc) with two additional tables provided to capture different course lengths.

Do not duplicate information that has already been provided on the Occupancy worksheet.

Enter requested course data into the green shaded cells. Tables for the Academic Year are in Row 9, Tables for Summer School are in Row 64. Use the Other / Additional Courses tables for class durations that aren't specified elsewhere or if additional space is required.

Occupancy data entered on this page are generally available for and entered for the entire school or facility and then allocated to building parts on the Main Page

However, if you enter data on the Main Page for only parts of a facility, then the occupancy data on this page must also be only for those facility parts entered on the Main Page.

See: USER GUIDE PAGES 16-17  
for further guidance

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## Annual Operating Budget for this Facility

### Employees:

	Classification	Number of FTEs <sup>1</sup>	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Teachers	14.33	\$37,731	43.00%	\$773,180
2	Administrators	2.97	\$35,244	42.00%	\$148,638
3	Confidential	1.05	\$16,722	52.00%	\$26,688
4	Classified	9.04	\$13,808	49.00%	\$185,988
5					\$0
6					\$0
7					\$0
8					\$0
9					\$0
10					\$0
Total Number of FTEs:		27.39		Subtotal:	\$1,134,494

<sup>1</sup> FTEs: Full time equivalents

### Other Building Expenses

Category	Annual Cost
Supplies	\$62,945
Building Maintenance	\$18,820
Utilities	\$27,245
Insurance	\$17,077
Rent	\$0
Average Annual Capital Goods	\$47,180
OTHER: specify below	
Percent of District Office/Headquarters Annual Operating Budget Attributed to This Building:	50.00%
	\$51,170
If rent is zero (building owned), a proxy rent is calculated automatically, based on the value of the building:	\$728,097
Subtotal:	\$952,534

<b>Total Building Annual Operating Budget:</b>	<b>\$2,087,029</b>
--	--------------------

## Annual Operating Budget for this Facility

For entities with multiple facilities, a fraction of the operating budget for a District Office of Headquarters building may be attributed to the building being retrofitted. That is, the annual operating budget for the building above may include part of the operating budget for the District Office or Headquarters Building.

If so, complete the following tables:

### District Office/Headquarters Building Employees

	Classification	Number of FTEs <sup>1</sup>	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Administrator	0.33	\$32,000	47.00%	\$15,523
2	Confidential	1.74	\$27,542	36.00%	\$65,175
3					\$0
4					\$0
5					\$0
6					\$0
7					\$0
8					\$0
9					\$0
10					\$0
Total Number of FTEs:		2.07		Subtotal:	\$80,699

### District Office/Headquarters Building Expenses

Category	Annual Cost
Supplies	\$1,150
Building maintenance	
Utilities	
Insurance	
Rent	
Average Annual Capital Goods	
OTHER: specify below	
Enter replacement value of building:	\$292,731
If rent is zero (building owned), a proxy rent is calculated	\$20,491
Subtotal:	\$21,641

<b>Total Annual Operating Budget for District Office/Headquarters Building:</b>	<b>\$102,340</b>
---	------------------



## Building Part A: Data for Benefit-Cost Analysis

Building Name:	Lundy Elementary School
Building ID:	Lane_sch95A
Building Part Name / Description:	Lundy Elementary School

### Evaluation for Building Part A

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.311
	5% in 50 year	0.207
	10% in 50 year	0.126
	20% in 50 year	0.061
Spectral Accelerations (g)	S <sub>XS</sub> , 2% in 50 year	0.705
	S <sub>X1</sub> , 2% in 50 year	0.452
	S <sub>XS</sub> , 10% in 50 year	0.265
	S <sub>X1</sub> , 10% in 50 year	0.166

Data Entry Item	User Entered Values	Default Values	Used for BCA
<b>Site Data</b>			
County		Lane	Lane
Decimal Latitude		43.91775	43.91775
Decimal Longitude		122.78385	122.78385
Soil Type		C	C
<b>Construction Data</b>			
Primary Structure Type (FEMA 154)		W2	W2
Number of Stories		1	1
Year Built		1942	1942
<b>Rapid Visual Screening Data</b>			
Severe Vertical Irregularity		No	No
Moderate Vertical Irregularity		Yes	Yes
Plan Irregularity		Yes	Yes
Pre-Code		No	No
Post-Benchmark		No	No
<b>Building Data</b>			
Historic Importance		None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	33,163	N/A	33,163
Building Replacement - \$/SF	\$280.00	\$250.00	\$280.00
Building Replacement Value - \$	N/A	N/A	\$9,285,640
Historic Building Replacement - \$/SF	N/A	N/A	\$280.00
Historic Building Replacement Value - \$	N/A	N/A	\$9,285,640
Contents Value - % of Building Value		25%	25%
Displacement Costs - \$/SF/month		\$1.50	\$1.50
Displacement Costs - One Time		\$1.35	\$1.35
Average Annual Occupancy	35.90	35.16	35.90
Annual Operating Budget	\$2,087,029	\$1,839,476	\$2,087,029
<b>Seismic Fragility Curves</b>			
<b>Before Mitigation</b>			
Slight Damage State		0.10	0.10
Moderate Damage State		0.16	0.16
Extensive Damage State		0.31	0.31
Complete Damage State		0.50	0.50
Beta		0.66	0.66
<b>After Mitigation</b>			
Retrofit Building Type		W2	W2
Retrofit Performance Objective		LS	LS
Slight Damage State		0.22	0.22
Moderate Damage State		0.43	0.43
Extensive Damage State		0.85	0.85
Complete Damage State		1.52	1.52
Beta		0.62	0.62

### Data Documentation: Building Part A

Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.

Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value \$/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs \$/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

## Building Part B: Data for Benefit-Cost Analysis

Building Name:	Lundy Elementary School
Building ID:	Lane_sch95B
Building Part Name / Description:	

### Evaluation for Building Part B

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.311
	5% in 50 year	0.207
	10% in 50 year	0.126
	20% in 50 year	0.061
Spectral Accelerations (g)	S <sub>XS</sub> , 2% in 50 year	0.705
	S <sub>X1</sub> , 2% in 50 year	0.452
	S <sub>XS</sub> , 10% in 50 year	0.265
	S <sub>X1</sub> , 10% in 50 year	0.166

Data Entry Item	User Entered Values	Default Values	Used for BCA
<b>Site Data</b>			
County		Lane	Lane
Decimal Latitude		43.91738	43.91738
Decimal Longitude		122.78377	122.78377
Soil Type		C	C
<b>Construction Data</b>			
Primary Structure Type (FEMA 154)		W2	W2
Number of Stories		2	2
Year Built		1942	1942
<b>Rapid Visual Screening Data</b>			
Severe Vertical Irregularity		No	No
Moderate Vertical Irregularity		Yes	Yes
Plan Irregularity		Yes	Yes
Pre-Code		No	No
Post-Benchmark		No	No
<b>Building Data</b>			
Historic Importance		None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	4,463	N/A	4,463
Building Replacement - \$/SF		\$250.00	\$250.00
Building Replacement Value - \$	N/A	N/A	\$1,115,750
Historic Building Replacement - \$/SF	N/A	N/A	\$250.00
Historic Building Replacement Value - \$	N/A	N/A	\$1,115,750
Contents Value - % of Building Value		25%	25%
Displacement Costs - \$/SF/month		\$1.50	\$1.50
Displacement Costs - One Time		\$1.35	\$1.35
Average Annual Occupancy	3.99	4.73	3.99
Annual Operating Budget	\$0	\$247,552	\$247,552
<b>Seismic Fragility Curves</b>			
<b>Before Mitigation</b>			
Slight Damage State		0.10	0.10
Moderate Damage State		0.16	0.16
Extensive Damage State		0.31	0.31
Complete Damage State		0.50	0.50
Beta		0.66	0.66
<b>After Mitigation</b>			
Retrofit Building Type		W2	W2
Retrofit Performance Objective		LS	LS
Slight Damage State		0.10	0.10
Moderate Damage State		0.16	0.16
Extensive Damage State		0.31	0.31
Complete Damage State		0.50	0.50
Beta		0.66	0.66

### Data Documentation: Building Part B

Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.

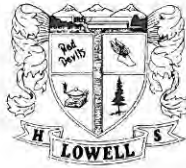
Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value \$/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs \$/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

Lowell Jr./Sr. High  
65 South Pioneer Street  
Lowell, Oregon 97452  
541-937-2124  
FAX 937-2112

Lundy Elementary  
45 South Moss Street  
Lowell, Oregon 97452  
541-937-2105  
FAX 937-8709

## LANE COUNTY SCHOOL DISTRICT 71 Lowell/Fall Creek

[www.lowell.k12.or.us](http://www.lowell.k12.or.us)



Walt Hanline  
Superintendent  
541-937-2124  
[whanline@lowell.k12.or.us](mailto:whanline@lowell.k12.or.us)

Kay Graham  
K-12 Principal  
541-937-2124  
[kgraham@lowell.k12.or.us](mailto:kgraham@lowell.k12.or.us)

December 18<sup>th</sup>, 2015

To Whom It May Concern,

Please see the attached contract in which the Lowell School District has contracted with gLAs Architects to provide the engineering reports and to assist with the coordination of the Seismic Rehabilitation Grant Program application.

This cost to the district, \$27,550, is a match commitment source in this application.

*Walt T. Hanline*

Walt Hanline  
Superintendent  
Lowell School District



# Document B105™ – 2007

## *Standard Form of Agreement Between Owner and Architect for a Residential or Small Commercial Project*

**AGREEMENT** made as of the Nineteenth day of November in the year Two Thousand Fifteen

*(In words, indicate day, month and year.)*

**BETWEEN** the Owner:

*(Name, legal status, address and other information)*

Lowell School District  
65 South Pioneer Street  
Lowell, Oregon 97452

and the Architect:

*(Name, legal status, address and other information)*

gLAs Architects, LLC  
115 West 8th Avenue, Suite 285  
Eugene, Oregon 97401

for the following Project:

*(Name, location and detailed description)*

Lowell School District  
Seismic Grant Study

The Owner and Architect agree as follows.

### **ADDITIONS AND DELETIONS:**

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

State or local law may impose requirements on contracts for home improvements. If this document will be used for Work on the Owner's residence, the Owner should consult local authorities or an attorney to verify requirements applicable to this Agreement.

Init.

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User Notes: (880103777)

1

## ARTICLE 1 ARCHITECT'S RESPONSIBILITIES

The Architect shall provide architectural services for the Project as described in this Agreement in a manner consistent with locally accepted standards for professional skill and care. The Architect shall assist the Owner in determining consulting services required for the Project. The Architect's services include the following consulting services, if any:

As described in attached Exhibit A.

During the Design Phase, the Architect shall review the Owner's scope of work, budget and schedule and reach an understanding with the Owner of the Project requirements. Based on the approved Project requirements, the Architect shall develop a design. Upon the Owner's approval of the design, the Architect shall prepare Construction Documents indicating requirements for construction of the Project and shall coordinate its services with any consulting services the Owner provides. The Architect shall assist the Owner in filing documents required for the approval of governmental authorities, in obtaining proposals and in awarding contracts for construction.

During the Construction Phase, the Architect shall act as the Owner's representative and provide administration of the Contract between the Owner and Contractor. The extent of the Architect's authority and responsibility during construction is described in AIA Document A105™-2007, Standard Form of Agreement Between Owner and Contractor for a Residential or Small Commercial Project. Generally, the Architect's services during construction include interpreting the Contract Documents, reviewing the Contractor's submittals, visiting the site, reviewing and certifying payments, and rejecting nonconforming Work.

## ARTICLE 2 OWNER'S RESPONSIBILITIES

The Owner shall provide full information about the objectives, schedule, constraints and existing conditions of the Project, and shall establish a budget that includes reasonable contingencies and meets the Project requirements. The Owner shall provide decisions and furnish required information as expeditiously as necessary for the orderly progress of the Project. The Architect shall be entitled to rely on the accuracy and completeness of the Owner's information. The Owner shall furnish consulting services not provided by the Architect, but required for the Project, such as surveying, which shall include property boundaries, topography, utilities, and wetlands information; geotechnical engineering; and environmental testing services. The Owner shall employ a Contractor, experienced in the type of Project to be constructed, to perform the construction Work and to provide price information.

## ARTICLE 3 USE OF DOCUMENTS

Drawings, specifications and other documents prepared by the Architect are instruments of the Architect's service and are for the Owner's use solely with respect to this Project. The Architect shall retain all common law, statutory and other reserved rights, including the copyright. Upon completion of the Project or termination of this Agreement, the Owner's right to use the instruments of service shall cease. When transmitting copyright-protected information for use on the Project, the transmitting party represents that it is either the copyright owner of the information, or has permission from the copyright owner to transmit the information for its use on the Project.

## ARTICLE 4 TERMINATION, SUSPENSION OR ABANDONMENT

In the event of termination, suspension or abandonment of the Project by the Owner, the Architect shall be compensated for services performed. The Owner's failure to make payments in accordance with this Agreement shall be considered substantial nonperformance and sufficient cause for the Architect to suspend or terminate services. Either the Architect or the Owner may terminate this Agreement after giving no less than seven days' written notice if the Project is suspended for more than 90 days, or if the other party substantially fails to perform in accordance with the terms of this Agreement.

## ARTICLE 5 MISCELLANEOUS PROVISIONS

This Agreement shall be governed by the law of the place where the Project is located. Terms in this Agreement shall have the same meaning as those in AIA Document A105-2007, Standard Form of Agreement Between Owner and Contractor for a Residential or Small Commercial Project. Neither party to this Agreement shall assign the contract as a whole without written consent of the other.

Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Owner or the Architect.

Init.

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The Architect and Architect's consultants shall have no responsibility for the identification, discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials in any form at the Project site.

#### ARTICLE 6 PAYMENTS AND COMPENSATION TO THE ARCHITECT

The Architect's Compensation shall be:

A fixed fee of Twenty Seven Thousand Five Hundred Fifty Dollars (\$27,550.00).

The Owner shall pay the Architect an initial payment of Zero Dollars and Zero Cents (\$0.00) as a minimum payment under this Agreement. The initial payment shall be credited to the final invoice.

The Owner shall reimburse the Architect for expenses incurred in the interest of the Project, plus Ten percent (10.00%).

Payments are due and payable upon receipt of the Architect's monthly invoice. Amounts unpaid Thirty ( 30 ) days after the invoice date shall bear interest from the date payment is due at the rate of Twelve percent (12.00%) per annum , or in the absence thereof, at the legal rate prevailing at the principal place of business of the Architect.

At the request of the Owner, the Architect shall provide services not included in Article 1 for additional compensation. Such services may include providing or coordinating services of consultants not identified in Article 1; revisions due to changes in the scope, quality or budget; evaluating changes in the Work and Contractors' requests for substitutions of materials or systems; and services not completed within Six ( 6 ) months of the date of this Agreement through no fault of the Architect.

#### ARTICLE 7 OTHER PROVISIONS

*(Insert descriptions of other services and modifications to the terms of this Agreement.)*

This Agreement entered into as of the day and year first written above.

OWNER

  
(Signature)

  
(Printed name and title)

ARCHITECT

  
(Signature)

Walter R. Gresl, AIA

Principal/Member

(Printed name and title)

Init.



EXHIBIT A

*gLas*  
*Architects, LLC*

115 West 8<sup>th</sup> Avenue, Suite 285 | Eugene, Oregon 97401  
Phone: (541) 686-2014

---

October 16, 2015

Johnie Matthews Lowell School District  
65 South Pioneer Street  
Lowell, OR 97452

RE: Seismic Grant Study

Dear Walt:

Thank you for continuing to consider gLas Architects and our team for the proposed Seismic Grant Study. We have reviewed the basic services that are required for the grant. Please review the following and let us know if any items are unclear, or appear inconsistent with your expectations.

The grant will require that a structural Engineer perform an ASCE 41-13 Tier 1 study of the proposed buildings. For this work we are proposing the services of KPFF Engineers. Based on the study, complete and detailed estimates will be required for the grant application, and we've included a proposal from Construction Focus for this work. Attached are the proposals from these two firms. In addition, we anticipate some additional time for gLas to complete the benefit-cost analysis.

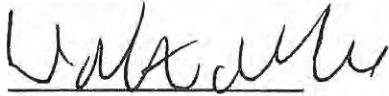
The following is a summary of the costs associated with this work. The costs include both the elementary school site and the high school site.

Structural Analysis and documentation:	\$14,000
Estimating	\$7,900
gLas mark-ups for consultants (10%)	\$2,290
<u>gLas additional services</u>	<u>\$3,360</u>
Total Cost	\$27,550

Some of the above fee will be compensated for in the grant process. An amount of \$5,000 per school site is available, which will decrease the impact to the school.

Thank you again for requesting our fee proposal for this additional work. Please review and if you need any additional information, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read 'Walter R. Gresl', written over a horizontal line.

Walter R. Gresl, AIA

Principal/Member

# Appendix D: Direct Costs and General Conditions Work Costs Matrix

# Appendix D - Direct Costs and General Conditions Work Costs Matrix

## Direct Costs/GC Work Costs Matrix

		Construction Costs/Paid by Owner		Costs included in	
	Description	Direct Cost of the Work	General Conditions Work Cost	Design-Builder Fee	Misc. Costs Paid by Owner

### Costs Related to Design-Build Team Staffing & Job Office

1	Project Superintendent		X		
2	Area Superintendent		X		
3	Project Executive (for project specific time only)		X		
4	Senior Project Manager (for project specific time only)		X		
5	Project Manager		X		
6	Project Engineers		X		
7	Field Engineers		X		
8	Project Administration		X		
9	Scheduler (for project specific time only)		X		
10	MEP Coordinator (for project specific time only)		X		
11	Safety Coordinator (for project specific time only)		X		
12	Accounting/Data Processing			X	
13	Payroll Accountant			X	
14	Topographic Surveying			X	
15	Construction Layout Surveying	X			
16	Benefits		X		
17	Vacation Time		X		
18	Travel, Hotel, Meals, etc.		X		
19	Sick Leave		X		
20	Bonuses			X	
21	Jobsite Office material costs and expendables		X		
22	Warranty			X	
23	Corrective/Non-conforming repair			X	
24	Corrective work not due to contractor default				X
25	Project Manager auto rental		X		
26	Project Manager auto fuel/maintenance		X		
27	Project Superintendent truck rental		X		
28	Project Superintendent truck fuel/maintenance		X		
29	Office Trailer Rental		X		
30	Office Furniture/Equipment		X		
31	Blueprints for sub bidding				X

32	Blueprints for day-to-day job operations		X		
33	Postage/FedEx		X		
34	Project Photos		X		
35	Personal Computers/software		X		
36	General Contractor Bond	X			
37	Subcontractor Bonds	X			
38	Insurance GL			X	
39	Insurance All Risk	X			
40	Geotechnical Engineering and Soils report				X
41	Hazardous Materials Assessment and Abatement				X
42	Testing and Inspections				X
43	Facility Training				X
44	Building Permits/Fees				X
45	Development Permits/Fees				X
46	Principal in Charge			X	
47	Estimating			X	
48	Value Engineering			X	
49	Corporate Accounting			X	
50	Corporate Safety Officer			X	
51	Main Office Administration			X	
52	Corporate IT Director			X	
53	Legal			X	
54	Main Office Payroll Costs			X	
55	Main Office Fringe/Bonus Costs			X	
56	Construction Wages for trade labor	X			
57	BOLI - Carpenter 1				
58	BOLI - Laborer 1				
59	BOLI - Laborer 2				
60	Labor Burden for trade labor	X			
	Labor burden includes items mandated by the State of Oregon				
61	Subcontracts	X			
62	Material & Equipment related to crafts labor & site logistics	X			
63	Rental-Contractor Owned Equipment	X			
64	Small Tools (purchased upon School District approval)	X			
65	Flatbed truck rental/operation	X			
66	Flatbed truck fuel/maintenance	X			
67	Water Truck	X			
68	Air Compressor	X			
69	Water pumping equipment	X			
70	Other dewatering equipment	X			

71	Equipment rental - third party	X			
72	Storage Trailer rental	X			
73	Temporary Toilets	X			
74	Project Signage	X			
75	Temporary Fencing	X			
76	Barricades	X			
77	Temporary Enclosures	X			
78	Temporary Stairs	X			
79	Opening Protection	X			
80	Safety railing and nets	X			
81	Drinking water (not coffee)		X		
82	Safety equipment for Design-Build personnel. Subs provide own in COW		X		
83	First Aid supplies for Design-Build personnel. Subs provide own in COW		X		
84	Security	X			
85	Weather protection	X			
86	Mobilization/Demobilization	X			
87	Parking/Shuttles	X			
88	Telephone Installation		X		
89	Telephone Bills		X		
90	Temp utilities hookup	X			
91	Temp utility bills				X
92	Periodic Cleanup	X			
93	Final Cleanup	X			
94	Dump permits/fees	X			
95	Trash removal/hauling	X			
96	Flagging/Traffic control	X			
97	Dust Control	X			
98	Trash chute	X			
99	Trade permits	X			
100	Manlift Material and Rental	X			
101	Manlift Erect/Dismantle	X			
102	Manlift Operator	X			
103	Crane rental	X			
104	Crane operator & bellman	X			
105	Crane Erect/Dismantle/Jump	X			
106	Crane Services agreement costs	X			
107	Forklift Rental	X			
108	Forklift Operator	X			
109	Fuel/Oil/Maintenance	X			

# **Lundy Elementary Electricity Costs**

Meter: 50288

Lundy Buildings excluding Cafeteria and Professional Development Center

Fiscal Year 2015-16				Fiscal Year 2016-17				Over/ (Under)
End date	Usage	Amount	YTD Amt	End date	Usage	Amount	YTD	
8/16/2015	3,960	\$396.03	\$396.03	8/16/2016	4,680	\$477.44	\$477.44	\$81.41
9/16/2015	6,240	\$597.19	\$993.22	9/16/2016	6,680	\$658.39	\$1,135.83	\$142.61
10/16/2015	8,000	\$751.58	\$1,744.80	10/16/2016			\$1,135.83	
11/16/2015	8,280	\$776.14	\$2,520.94	11/16/2016			\$1,135.83	
12/16/2015	9,760	\$905.97	\$3,426.91	12/16/2016			\$1,135.83	
1/16/2016	9,240	\$860.35	\$4,287.26	1/16/2017			\$1,135.83	
2/16/2016	11,080	\$1,021.76	\$5,309.02	2/15/2017			\$1,135.83	
3/16/2016	10,160	\$941.06	\$6,250.08	3/16/2017			\$1,135.83	
4/16/2016	8,880	\$828.77	\$7,078.85	4/16/2017			\$1,135.83	
5/16/2016	8,400	\$786.67	\$7,865.52	5/16/2017			\$1,135.83	
6/16/2016	7,840	\$763.34	\$8,628.86	6/16/2017			\$1,135.83	
7/16/2016	4,640	\$473.82	\$9,102.68	7/16/2017			\$1,135.83	
Totals	96,480	\$9,102.68		Totals	11,360	\$1,135.83		

**Lundy Elementary Electricity Costs**

Meter: 71082

Lundy Cafeteria and Professional Development Center

Fiscal Year 2015-16				Fiscal Year 2016-17				Over/ (Under)
End date	Usage	Amount	YTD Amt	End date	Usage	Amount	YTD	
8/16/2015	3,160	\$317.77	\$317.77	8/16/2016	2,801	\$237.06	\$237.06	(\$80.71)
9/16/2015	2,876	\$289.81	\$607.58	9/16/2016	2,912	\$244.73	\$481.79	(\$125.79)
10/16/2015	2,669	\$269.44	\$877.02	10/16/2016			\$481.79	
11/16/2015	2,504	\$247.74	\$1,124.76	11/16/2016			\$481.79	
12/16/2015	2,605	\$257.45	\$1,382.21	12/16/2016			\$481.79	
1/16/2016	2,329	\$240.71	\$1,622.92	1/16/2017			\$481.79	
2/15/2016	2,544	\$261.69	\$1,884.61	2/15/2017			\$481.79	
3/16/2016	2,691	\$229.45	\$2,114.06	3/16/2017			\$481.79	
4/16/2016	2,687	\$229.17	\$2,343.23	4/16/2017			\$481.79	
5/16/2016	2,547	\$219.49	\$2,562.72	5/16/2017			\$481.79	
6/16/2016	2,662	\$227.44	\$2,790.16	6/16/2017			\$481.79	
7/16/2016	2,559	\$220.32	\$3,010.48	7/16/2017			\$481.79	
Totals	31,833	\$3,010.48		Totals	5,713	\$481.79		



## Lowell High School Electricity Costs

Meters: 61924, 70132, 61910, 50287

Includes: main building, modular classrooms, north wing classrooms and woodshop

Excludes: FB scoreboard, irrigation pump, wrestling room, field lights and bus barn

Fiscal Year 2015-16				Fiscal Year 2016-17				Over/ (Under)
End date	Usage	Amount	YTD	End date	Usage	Amount	YTD	
8/16/2015	5,350	\$566.00	\$566.00	8/16/2016	6,580	\$590.57	\$590.57	\$24.57
9/16/2015	8,432	\$859.01	\$1,425.01	9/16/2016	9,115	\$847.07	\$1,437.64	\$12.63
10/16/2015	14,991	\$1,416.00	\$2,841.01	10/16/2016			\$1,437.64	
11/16/2015	13,780	\$1,299.03	\$4,140.04	11/16/2016			\$1,437.64	
12/16/2015	15,072	\$1,414.11	\$5,554.15	12/16/2016			\$1,437.64	
1/16/2016	12,523	\$1,216.29	\$6,770.44	1/16/2017			\$1,437.64	
2/15/2016	12,432	\$1,221.62	\$7,992.06	2/15/2017			\$1,437.64	
3/16/2016	8,320	\$618.73	\$8,610.79	3/16/2017			\$1,437.64	
4/16/2016	10,843	\$894.20	\$9,504.99	4/16/2017			\$1,437.64	
5/16/2016	10,728	\$882.38	\$10,387.37	5/16/2017			\$1,437.64	
6/16/2016	11,683	\$976.20	\$11,363.57	6/16/2017			\$1,437.64	
7/16/2016	6,416	\$581.14	\$11,944.71	7/16/2017			\$1,437.64	
Totals	130,570	\$11,944.71		Totals	15,695	\$1,437.64		

**BCA-Transportation Complex Electricity Costs**

Meters: 71275, 70521, 60849, 71274, 71283, 71272, 71273

Includes: 2021, 80, 2314, 2005, 2003, 2017, 2506

Fiscal Year 2016-17			
End date	Usage	Amount	YTD
8/16/2016	3,457	\$549.54	\$549.54
9/16/2016	7,242	\$811.43	\$1,360.97
10/16/2016			\$1,360.97
11/16/2016			\$1,360.97
12/16/2016			\$1,360.97
1/16/2017			\$1,360.97
2/16/2017			\$1,360.97
3/16/2017			\$1,360.97
4/16/2017			\$1,360.97
5/16/2017			\$1,360.97
6/16/2017			\$1,360.97
7/16/2017			\$1,360.97
Totals	10,699	\$1,360.97	

**Mountain View Charter School**  
**2016-17 General Fund Financial Summary**  
**September 30, 2016**

	Budget	Actual: Jul-Sep		Projected: Oct-Jun		Projected for Year	Over/(Under) Budget	
<b>Resources</b>								
State School Fund	700,837	187,425	26.7%	562,272	80.2%	749,697	48,860	6.5% (1)
Donations		693				693	693	100.0%
Out of District Incentive	12,600			12,600	100.0%	12,600		
District Reimbursement	2,500			2,500	100.0%	2,500	-	
Interest		527				527	527	
Total Revenues	715,937	188,645	26.3%	577,372	80.6%	766,017	50,080	6.5%
Beginning Fund Balance	10,149	10,504		-		10,504	355	3.4%
Total Resources	726,086	199,149	27.4%	577,372	79.5%	776,521	50,435	6.5%
<b>Requirements</b>								
Salaries	390,740	4,291	1.1%	357,544	91.5%	361,835	(28,905)	-2.9% (2)
Benefits	156,210	2,296	1.5%	118,648	76.0%	120,944	(35,266)	-9.3% (2)
Purchased Services	128,234	65,895	51.4%	102,439	79.9%	168,335	40,101	-0.3% (2)
Supplies and Materials	29,151	6,797	23.3%	22,713	77.9%	29,510	359	1.5%
Capital Outlay		-				-	-	-
Other	5,250	5,433		200	3.8%	5,633	383	12.7%
Transfers		-				-	-	0.0%
Total Expenditures	709,585	84,712	11.9%	601,545	84.8%	686,256	(23,328)	-3.8%
Contingency/Carryover	16,501	114,437	693.5%	(24,173)	-146.5%	90,264	73,763	180.9% (3)
Total Requirements	726,086	199,149	27.4%	577,372	79.5%	776,521	50,435	3.7%

(1) Student enrollment budgeted at 127; as of 9/30/16 there are 131 enrolled.

(2) First month of payroll through PACT; projection will need to be revised for a more accurate year-end estimate of salaries/benefits.

(3) Projected carryover is 11.6% of total resources.

**Mountain View Charter School**  
**2016-17 Activity Fund Financial Summary**  
**September 30, 2016**

	Budget	Actual: Jul-Sep	Projected: Oct-Jun	Projected for Year	Over/(Under) Budget
<b>Resources</b>					
Activity Fees	32,500	30,890	1,610	32,500	(0)
<b>Total Revenues</b>	<b>32,500</b>	<b>30,890</b>	<b>1,610</b>	<b>32,500</b>	<b>(0)</b>
Beginning Fund Balance					
<b>Total Resources</b>	<b>32,500</b>	<b>30,890</b>	<b>1,610</b>	<b>32,500</b>	<b>(0)</b>
<b>Requirements</b>					
Salaries					
Benefits					
Purchased Services					
Supplies and Materials	32,500	11,409	21,091	32,500	-
Capital Outlay					
Other			-	-	-
Transfers					
<b>Total Expenditures</b>	<b>32,500</b>	<b>11,409</b>	<b>21,091</b>	<b>32,500</b>	<b>-</b>
Contingency/Carryover	-	19,480		(0)	(0)
<b>Total Requirements</b>	<b>32,500</b>	<b>30,890</b>	<b>21,091</b>	<b>32,500</b>	<b>(0)</b>

**Mountain View Charter School**  
**2016-17 ODE Grant Fund Financial Summary**  
**September 30, 2016**

	Budget	Actual: Jul-Sep		Projected: Oct-Jun		Projected for Year	Over/(Under) Budget	
<b>Resources</b>								
Grant Funds	179,422	77,225		102,197		179,422	-	
<b>Total Revenues</b>	<b>179,422</b>	<b>77,225</b>		<b>102,197</b>		<b>179,422</b>	-	
Beginning Fund Balance								
<b>Total Resources</b>	<b>179,422</b>	<b>77,225</b>		<b>102,197</b>		<b>179,422</b>	-	
<b>Requirements</b>								
Salaries		3,171				3,171		
Benefits		825				825		
Purchased Services				-		-		
Supplies and Materials	179,422	149,488		29,934		175,426	(3,996)	
Capital Outlay								
Other						-	-	
Transfers								
<b>Total Expenditures</b>	<b>179,422</b>	<b>153,483</b>		<b>29,934</b>		<b>179,422</b>	<b>(3,996)</b>	
Contingency/Carryover	-	(76,258)				-	3,996	
<b>Total Requirements</b>	<b>179,422</b>	<b>77,225</b>		<b>29,934</b>		<b>179,422</b>	-	

**Mountain View Charter School**  
**2016-17 Parent Fundraising Fund Financial Summary**  
**September 30, 2016**

	Budget	Actual: Jul-Sep	Projected: Oct-Jun	Projected for Year	Over/(Under) Budget
<b>Resources</b>					
Activity Fees				-	-
<b>Total Revenues</b>		-	-	-	-
Beginning Fund Balance	2,322	2,322		2,322	
<b>Total Resources</b>		2,322	-	2,322	-
<b>Requirements</b>					
Salaries					
Benefits					
Purchased Services					
Supplies and Materials				-	-
Capital Outlay					
Other				-	-
Transfers					
<b>Total Expenditures</b>		-	-	-	-
Contingency/Carryover		2,322		2,322	-
<b>Total Requirements</b>		2,322	-	2,322	-

**Mt. View Academy**  
**Balance Sheet**  
**As of September 30, 2016**

	<u>Sep 30, 16</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
100-101 - Banner Checking	24,056.27
100-103 - Petty Cash	1,000.00
<b>Total Checking/Savings</b>	<u>25,056.27</u>
<b>Total Current Assets</b>	<u>25,056.27</u>
<b>TOTAL ASSETS</b>	<b><u>25,056.27</u></b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Other Current Liabilities</b>	
100-471.005 WBF Assess Emp	5.94
100-472.002 Health Ins EE	0.50
100-473.001 PERS	1,137.97
100-473.002 PERS Pickup	387.07
100-473.003 Health Ins ER	-271.69
100-473.004 Workers' Comp	-371.44
100-473.006 FSA ER	500.00
24000 - Payroll Liabilities	199.93
<b>Total Other Current Liabilities</b>	<u>1,588.28</u>
<b>Total Current Liabilities</b>	<u>1,588.28</u>
<b>Total Liabilities</b>	1,588.28
<b>Equity</b>	
5400-Beg. Fund Balance	1,990.17
32000 - Unrestricted Net Assets	-25,656.97
Net Income	47,134.79
<b>Total Equity</b>	<u>23,467.99</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b><u>25,056.27</u></b>

# Mt. View Academy

## Profit & Loss Budget vs. Actual

### July through September 2016

	Jul - Sep 16	Budget	\$ Over Budget	% of Budget
<b>Income</b>				
100 - Revenues				
1510 - Interest Income	526.88	0.00	526.88	100.0%
1760 - Fundraising	0.00	0.00	0.00	0.0%
1920 - Donations	693.00	0.00	693.00	100.0%
1990 - Other Income				
1991 -Out of District Incentive	0.00	12,600.00	-12,600.00	0.0%
1992 - District Reimbursements	0.00	2,500.00	-2,500.00	0.0%
Total 1990 - Other Income	0.00	15,100.00	-15,100.00	0.0%
3101 - State School Fund Grant	187,425.00	700,837.00	-513,412.00	26.7%
Total 100 - Revenues	188,644.88	715,937.00	-527,292.12	26.3%
200 - Special Revenues				
1740 - Fees	30,889.85	31,250.00	-360.15	98.8%
Total 200 - Special Revenues	30,889.85	31,250.00	-360.15	98.8%
210 - ODE Grant Award				
3299 - Reimbursements	77,225.24	179,422.00	-102,196.76	43.0%
Total 210 - ODE Grant Award	77,225.24	179,422.00	-102,196.76	43.0%
Total Income	296,759.97	926,609.00	-629,849.03	32.0%
Gross Profit	296,759.97	926,609.00	-629,849.03	32.0%
<b>Expense</b>				
100 - Expenditures				
1111 - Elementary				
111 - Licensed Salaries	0.00	237,999.87	-237,999.87	0.0%
112 - Classified Salaries	235.00	20,735.00	-20,500.00	1.1%
121 - Substitute - Licensed	0.00	6,125.00	-6,125.00	0.0%
122 - Substitute - Classified	0.00	680.00	-680.00	0.0%
211 - PERS	41.45	46,841.23	-46,799.78	0.1%
220 - FICA	17.98	20,313.80	-20,295.82	0.1%
231 - Workers' Compensation	1.50	1,327.70	-1,326.20	0.1%
232 - Unemployment Insurance	6.11	6,904.04	-6,897.93	0.1%
241 - Health Insurance	128.00	33,600.00	-33,472.00	0.4%
310 - Instructional Services	22,111.90			
389 - Instructional Assistants	1,316.74			
410 - Supplies	0.00	6,300.00	-6,300.00	0.0%
420 - Textbooks	5,459.71	13,500.00	-8,040.29	40.4%
Total 1111 - Elementary	29,318.39	394,326.64	-365,008.25	7.4%
1121 - Middle/Junior High				
111 - Licensed Salaries	0.00	67,999.95	-67,999.95	0.0%
121 - Substitute - Licensed	0.00	1,750.00	-1,750.00	0.0%
211 - PERS	0.00	12,303.89	-12,303.89	0.0%
220 - FICA	0.00	5,335.87	-5,335.87	0.0%
231 - Workers' Compensation	0.00	348.75	-348.75	0.0%
232 - Unemployment Insurance	0.00	1,813.50	-1,813.50	0.0%
241 - Health Insurance	0.00	6,500.00	-6,500.00	0.0%
310 - Instructional Services	10,867.33			
389 - Instructional Assistants	232.37			
410 - Supplies	0.00	700.00	-700.00	0.0%
420 - Textbooks	361.63	1,500.00	-1,138.37	24.1%
Total 1121 - Middle/Junior High	11,461.33	98,251.96	-86,790.63	11.7%
2130 - Health Services				
410 - Supplies	105.46	200.00	-94.54	52.7%
Total 2130 - Health Services	105.46	200.00	-94.54	52.7%
2240 - Professional Development				
312 - Instructional Prog. Impr.	233.26	9,000.00	-8,766.74	2.6%
318 - Non-instructional Prg Imp	347.49	2,000.00	-1,652.51	17.4%
Total 2240 - Professional Development	580.75	11,000.00	-10,419.25	5.3%



**Mt. View Academy**  
**Profit & Loss Budget vs. Actual**  
**July through September 2016**

	Jul - Sep 16	Budget	\$ Over Budget	% of Budget
<b>2310 - Board of Education</b>				
340 - Travel/Conferences	0.00	1,500.00	-1,500.00	0.0%
382 - Legal Services	0.00	2,500.00	-2,500.00	0.0%
410 - Supplies	0.00	0.00	0.00	0.0%
651 - Liability Insurance	4,877.00	4,500.00	377.00	108.4%
<b>Total 2310 - Board of Education</b>	<b>4,877.00</b>	<b>8,500.00</b>	<b>-3,623.00</b>	<b>57.4%</b>
<b>2321 - Executive Administration</b>				
113 - Administrative Salaries	2,833.33	34,000.00	-31,166.67	8.3%
114 - Managerial-Confidential	1,222.50	20,400.00	-19,177.50	6.0%
121 - Substitute - Admin	0.00	450.00	-450.00	0.0%
122 - Substitute - Classified	0.00	600.00	-600.00	0.0%
211 - PERS	715.45	9,781.38	-9,065.93	7.3%
220 - FICA	310.29	4,169.95	-3,859.66	7.4%
231 - Workers' Compensation	22.46	272.55	-250.09	8.2%
232 - Unemployment Insurance	105.46	1,417.24	-1,311.78	7.4%
241 - Health Insurance	947.00	5,280.00	-4,333.00	17.9%
353 - Postage	60.47	275.00	-214.53	22.0%
354 - Advertising	0.00	2,500.00	-2,500.00	0.0%
389 - Admin Professional Svcs	2,375.42			
390 - PACT Payroll Services	2,595.48			
410 - Supplies	498.62	2,800.00	-2,301.38	17.8%
460 - Non-consumables	0.00	500.00	-500.00	0.0%
640 - Dues and Fees	556.25	750.00	-193.75	74.2%
<b>Total 2321 - Executive Administration</b>	<b>12,242.73</b>	<b>83,196.12</b>	<b>-70,953.39</b>	<b>14.7%</b>
<b>2520 - Fiscal Services</b>				
389 - Other Professional Svcs	5,000.01	22,075.00	-17,074.99	22.7%
410 - Supplies	0.00	500.00	-500.00	0.0%
640 - Dues and Fees	65.00	0.00	65.00	100.0%
<b>Total 2520 - Fiscal Services</b>	<b>5,065.01</b>	<b>22,575.00</b>	<b>-17,509.99</b>	<b>22.4%</b>
<b>2542 - Building Maintenance</b>				
321 - Cleaning Services	540.00	2,400.00	-1,860.00	22.5%
322 - Repair and Maintenance	40.05	0.00	40.05	100.0%
324 - Rentals	17,550.00	70,200.00	-52,650.00	25.0%
325 - Electricity	520.13	6,000.00	-5,479.87	8.7%
328 - Garbage	0.00	0.00	0.00	0.0%
351 - Telephone	350.88	1,500.00	-1,149.12	23.4%
410 - Supplies	0.00	1,500.00	-1,500.00	0.0%
460 - Non-consumables	206.84	0.00	206.84	100.0%
<b>Total 2542 - Building Maintenance</b>	<b>19,207.90</b>	<b>81,600.00</b>	<b>-62,392.10</b>	<b>23.5%</b>
<b>2550 - Transportation</b>				
352 - Student transportation	0.00	600.00	-600.00	0.0%
<b>Total 2550 - Transportation</b>	<b>0.00</b>	<b>600.00</b>	<b>-600.00</b>	<b>0.0%</b>
<b>2574 - Printing Services</b>				
324 - Copier Rental	533.99	2,136.00	-1,602.01	25.0%
355 - Printing	358.93	4,000.00	-3,641.07	9.0%
<b>Total 2574 - Printing Services</b>	<b>892.92</b>	<b>6,136.00</b>	<b>-5,243.08</b>	<b>14.6%</b>
<b>2661 - Technology Services</b>				
310 - Instr, Prof & Tech Svcs	0.00	0.00	0.00	0.0%
359 - Communication Services	860.97	1,548.00	-687.03	55.6%
460 - Non-consumable Items	0.00	0.00	0.00	0.0%
470 - Computer Software	99.50	1,651.00	-1,551.50	6.0%
<b>Total 2661 - Technology Services</b>	<b>960.47</b>	<b>3,199.00</b>	<b>-2,238.53</b>	<b>30.0%</b>
<b>Total 100 - Expenditures</b>	<b>84,711.96</b>	<b>709,584.72</b>	<b>-624,872.76</b>	<b>11.9%</b>
<b>200 - Activity Expenditures</b>				
<b>1111 - Elementary</b>				
410 - Supplies	11,385.44	31,250.00	-19,864.56	36.4%
640 - Dues & Fees	44.66	0.00	44.66	100.0%
<b>Total 1111 - Elementary</b>	<b>11,430.10</b>	<b>31,250.00</b>	<b>-19,819.90</b>	<b>36.6%</b>
<b>Total 200 - Activity Expenditures</b>	<b>11,430.10</b>	<b>31,250.00</b>	<b>-19,819.90</b>	<b>36.6%</b>

**Mt. View Academy**  
**Profit & Loss Budget vs. Actual**  
**July through September 2016**

	<u>Jul - Sep 16</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
210 - ODE Grant Expenses				
2210 - ODE Grant Expenses				
111 - Licensed Salaries	3,170.62			
211 - PERS	482.94			
220 - FICA	242.58			
231 - Workers' Compensation	17.03			
232 - Unemployment Insurance	82.44			
312 - Instructional Prog. Impr.	0.00	41,000.00	-41,000.00	0.0%
410 - Supplies	2,821.09	7,400.00	-4,578.91	38.1%
420 - Curriculum	15,266.30	822.00	14,444.30	1,857.2%
460 - Non-consumables	13,237.03			
480 - Computer Hardware	118,163.09	130,200.00	-12,036.91	90.8%
Total 2210 - ODE Grant Expenses	<u>153,483.12</u>	<u>179,422.00</u>	<u>-25,938.88</u>	<u>85.5%</u>
Total 210 - ODE Grant Expenses	153,483.12	179,422.00	-25,938.88	85.5%
66000 - Payroll Expenses	0.00	0.00	0.00	0.0%
Total Expense	<u>249,625.18</u>	<u>920,256.72</u>	<u>-670,631.54</u>	<u>27.1%</u>
Net Income	<u>47,134.79</u>	<u>6,352.28</u>	<u>40,782.51</u>	<u>742.0%</u>

**Mt. View Academy**  
**Profit & Loss**  
**July through September 2016**

	Jul 16	Aug 16	Sep 16	TOTAL
<b>Income</b>				
100 - Revenues				
1510 - Interest Income	169.92	147.53	209.43	526.88
1920 - Donations	693.00	0.00	0.00	693.00
3101 - State School Fund Grant	0.00	102,196.00	85,229.00	187,425.00
Total 100 - Revenues	862.92	102,343.53	85,438.43	188,644.88
200 - Special Revenues				
1740 - Fees	22,232.00	3,607.85	5,050.00	30,889.85
Total 200 - Special Revenues	22,232.00	3,607.85	5,050.00	30,889.85
210 - ODE Grant Award				
3299 - Reimbursements	37,470.41	39,754.83	0.00	77,225.24
Total 210 - ODE Grant Award	37,470.41	39,754.83	0.00	77,225.24
Total Income	60,565.33	145,706.21	90,488.43	296,759.97
<b>Gross Profit</b>	60,565.33	145,706.21	90,488.43	296,759.97
<b>Expense</b>				
100 - Expenditures				
1111 - Elementary				
111 - Licensed Salaries	0.00	0.00	0.00	0.00
112 - Classified Salaries	0.00	235.00	0.00	235.00
211 - PERS	0.00	41.45	0.00	41.45
220 - FICA	0.00	17.98	0.00	17.98
231 - Workers' Compensation	0.00	1.50	0.00	1.50
232 - Unemployment Insurance	0.00	6.11	0.00	6.11
241 - Health Insurance	64.00	0.00	64.00	128.00
310 - Instructional Services	0.00	0.00	22,111.90	22,111.90
389 - Instructional Assistants	0.00	0.00	1,316.74	1,316.74
420 - Textbooks	2,364.20	2,522.51	573.00	5,459.71
Total 1111 - Elementary	2,428.20	2,824.55	24,065.64	29,318.39
1121 - Middle/Junior High				
111 - Licensed Salaries	0.00	0.00	0.00	0.00
310 - Instructional Services	0.00	0.00	10,867.33	10,867.33
389 - Instructional Assistants	0.00	0.00	232.37	232.37
420 - Textbooks	259.09	0.00	102.54	361.63
Total 1121 - Middle/Junior High	259.09	0.00	11,202.24	11,461.33
2130 - Health Services				
410 - Supplies	0.00	0.00	105.46	105.46
Total 2130 - Health Services	0.00	0.00	105.46	105.46
2240 - Professional Development				
312 - Instructional Prog. Impr.	0.00	233.26	0.00	233.26
318 - Non-instructional Prg Imp	0.00	0.00	347.49	347.49
Total 2240 - Professional Development	0.00	233.26	347.49	580.75
2310 - Board of Education				
651 - Liability Insurance	0.00	4,891.00	-14.00	4,877.00
Total 2310 - Board of Education	0.00	4,891.00	-14.00	4,877.00
2321 - Executive Administration				
113 - Administrative Salaries	0.00	0.00	2,833.33	2,833.33
114 - Managerial-Confidential	577.50	645.00	0.00	1,222.50
211 - PERS	101.87	113.78	499.80	715.45
220 - FICA	44.19	49.34	216.76	310.29
231 - Workers' Compensation	3.36	3.76	15.34	22.46
232 - Unemployment Insurance	15.01	16.78	73.67	105.46
241 - Health Insurance	223.50	212.50	511.00	947.00
353 - Postage	0.00	5.71	54.76	60.47
389 - Admin Professional Svcs	0.00	0.00	2,375.42	2,375.42
390 - PACT Payroll Services	0.00	0.00	2,595.48	2,595.48
410 - Supplies	0.00	71.98	426.64	498.62
640 - Dues and Fees	0.00	0.00	556.25	556.25
Total 2321 - Executive Administration	965.43	1,118.85	10,158.45	12,242.73

**Mt. View Academy**  
**Profit & Loss**  
**July through September 2016**

	Jul 16	Aug 16	Sep 16	TOTAL
<b>2520 - Fiscal Services</b>				
389 - Other Professional Svcs	1,666.67	1,666.67	1,666.67	5,000.01
640 - Dues and Fees	0.00	65.00	0.00	65.00
<b>Total 2520 - Fiscal Services</b>	<b>1,666.67</b>	<b>1,731.67</b>	<b>1,666.67</b>	<b>5,065.01</b>
<b>2542 - Building Maintenance</b>				
321 - Cleaning Services	0.00	0.00	540.00	540.00
322 - Repair and Maintenance	0.00	0.00	40.05	40.05
324 - Rentals	3,975.00	7,725.00	5,850.00	17,550.00
325 - Electricity	141.50	154.91	223.72	520.13
351 - Telephone	132.27	122.28	96.33	350.88
460 - Non-consumables	0.00	0.00	206.84	206.84
<b>Total 2542 - Building Maintenance</b>	<b>4,248.77</b>	<b>8,002.19</b>	<b>6,956.94</b>	<b>19,207.90</b>
<b>2574 - Printing Services</b>				
324 - Copier Rental	178.00	178.00	177.99	533.99
355 - Printing	53.65	0.00	305.28	358.93
<b>Total 2574 - Printing Services</b>	<b>231.65</b>	<b>178.00</b>	<b>483.27</b>	<b>892.92</b>
<b>2661 - Technology Services</b>				
359 - Communication Services	131.99	138.99	589.99	860.97
470 - Computer Software	39.50	0.00	60.00	99.50
<b>Total 2661 - Technology Services</b>	<b>171.49</b>	<b>138.99</b>	<b>649.99</b>	<b>960.47</b>
<b>Total 100 - Expenditures</b>	<b>9,971.30</b>	<b>19,118.51</b>	<b>55,622.15</b>	<b>84,711.96</b>
<b>200 - Activity Expenditures</b>				
<b>1111 - Elementary</b>				
410 - Supplies	4,701.28	2,122.76	4,561.40	11,385.44
640 - Dues & Fees	0.00	0.00	44.66	44.66
<b>Total 1111 - Elementary</b>	<b>4,701.28</b>	<b>2,122.76</b>	<b>4,606.06</b>	<b>11,430.10</b>
<b>Total 200 - Activity Expenditures</b>	<b>4,701.28</b>	<b>2,122.76</b>	<b>4,606.06</b>	<b>11,430.10</b>
<b>210 - ODE Grant Expenses</b>				
<b>2210 - ODE Grant Expenses</b>				
111 - Licensed Salaries	0.00	2,289.15	881.47	3,170.62
211 - PERS	0.00	327.45	155.49	482.94
220 - FICA	0.00	175.14	67.44	242.58
231 - Workers' Compensation	0.00	12.31	4.72	17.03
232 - Unemployment Insurance	0.00	59.52	22.92	82.44
410 - Supplies	340.88	2,265.98	214.23	2,821.09
420 - Curriculum	0.00	6,419.52	8,846.78	15,266.30
460 - Non-consumables	0.00	6,349.97	6,887.06	13,237.03
480 - Computer Hardware	18,651.00	50,414.08	49,098.01	118,163.09
<b>Total 2210 - ODE Grant Expenses</b>	<b>18,991.88</b>	<b>68,313.12</b>	<b>66,178.12</b>	<b>153,483.12</b>
<b>Total 210 - ODE Grant Expenses</b>	<b>18,991.88</b>	<b>68,313.12</b>	<b>66,178.12</b>	<b>153,483.12</b>
<b>66000 - Payroll Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Expense</b>	<b>33,664.46</b>	<b>89,554.39</b>	<b>126,406.33</b>	<b>249,625.18</b>
<b>Net Income</b>	<b>26,900.87</b>	<b>56,151.82</b>	<b>-35,917.90</b>	<b>47,134.79</b>

**Bridge Charter Academy**  
**2016-17 General Fund Financial Summary**  
**September 30, 2016**

	Budget	Actual: Jul - Sept.		Projected:Oct. - Jun		Projected for Year	Over/((Under) Budget		
<b>Resources</b>									
State School Fund	565,647	260,919	46.1%	471,354	83.3%	732,273	166,626	22.8%	(1)
Donations				-		-	-		
Interest				-		-	-		
Total Revenues	565,647	260,919	46.1%	471,354	83.3%	732,273	166,626	22.8%	
Beginning Fund Balance				-		-	-		
Total Resources	565,647	260,919	46.1%	471,354	83.3%	732,273	166,626	22.8%	
<b>Requirements</b>									
Salaries	219,725	41,021	18.7%	205,670	93.6%	246,691	26,966	-2.9%	(2)
Benefits	94,709	14,408	15.2%	83,972	88.7%	98,380	3,671	-9.3%	(2)
Purchased Services	136,900	17,955	13.1%	109,481	80.0%	127,436	(9,464)	-0.3%	
Supplies and Materials	86,500	21,656	25.0%	68,957	79.7%	90,613	4,113	1.5%	
Capital Outlay		-		-		-	-	-	
Other	10,500	7,332	69.8%	418	4.0%	7,750	(2,750)	12.7%	(3)
Payable to the District		-		42,267		42,267	42,267	0.0%	(4)
Total Expenditures	548,334	102,372	18.7%	510,765	93.1%	613,137	64,803	-3.8%	
Contingency/Carryover	17,313	158,547	915.8%	(39,411)	-227.6%	119,136	101,823	180.9%	(5)
Total Requirements	565,647	260,919	46.1%	471,354	83.3%	732,273	166,626	3.7%	

(1) Enrollment budgeted at 100 students; as of 09/30/16 enrollment is 139. August revenue includes \$140,838 of advanced SSF payments.

(2) Projected includes the addition of two educational assistants for approx. \$24,000 plus taxes, no benefits.

(3) Liability Insurance came in approx. \$3,000 less than budget.

(4) This denotes the receivable due to the District for start-up expenses.

(5) Projected carryover is estimated to be 16.3%.

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10/05/16

Accrual Basis

**Bridge Educational Foundation**  
**Profit & Loss**  
 July through September 2016

	Jul 16	Aug 16	Sep 16	TOTAL
<b>Income</b>				
3101 · State School Fund Grant	46,946.00	213,973.00	0.00	260,919.00
<b>Total Income</b>	46,946.00	213,973.00	0.00	260,919.00
<b>Gross Profit</b>	46,946.00	213,973.00	0.00	260,919.00
<b>Expense</b>				
1111 · Elementary				
11-111 · Licensed Salaries	0.00	6,666.66	7,000.00	13,666.66
11-112 · Classified Salaries Elem	0.00	0.00	450.00	450.00
11-220 · FICA	0.00	510.00	569.93	1,079.93
11-231 · Workers' Compensation	0.00	72.10	80.99	153.09
11-232 · Unemployment Insurance	0.00	173.34	193.69	367.03
11-241 · Health Insurance	0.00	612.40	1,212.40	1,824.80
11-311 · Instruction Services	0.00	80.00	172.50	252.50
11-410 · Supplies	0.00	0.00	1,257.39	1,257.39
11-420 · Textbooks	0.00	5,155.74	9.93	5,165.67
11-460 · Non-Consumables	0.00	0.00	2,756.92	2,756.92
<b>Total 1111 · Elementary</b>	0.00	13,270.24	13,703.75	26,973.99
1121 · Middle/Junior High				
21-111 · Licensed Salaries	0.00	2,500.00	2,500.00	5,000.00
21-112 · Classified Salaries JH	0.00	0.00	523.20	523.20
21-220 · FICA	0.00	191.25	231.27	422.52
21-231 · Workers's Compensation	0.00	27.04	81.42	108.46
21-232 · Unemployment Insurance	0.00	65.00	30.23	95.23
21-241 · Health Insurance	0.00	459.30	684.30	1,143.60
21-311 · Instruction Services	0.00	0.00	63.75	63.75
21-410 · Supplies	0.00	0.00	292.27	292.27
21-420 · Textbooks	0.00	821.68	262.14	1,083.82
<b>Total 1121 · Middle/Junior High</b>	0.00	4,064.27	4,668.58	8,732.85
1131 · High School				
31-111 · Licensed Salaries	0.00	833.33	833.33	1,666.66
31-112 · Classified Salaries HS	0.00	0.00	174.30	174.30
31-220 · FICA	0.00	63.75	77.09	140.84
31-231 · Workers' Compensation	0.00	9.01	11.03	20.04
31-232 · Unemployment Insurance	0.00	21.67	26.20	47.87
31-241 · Health Insurance	0.00	153.10	228.10	381.20
31-311 · Instructional Services	0.00	0.00	63.75	63.75
31-410 · Supplies	0.00	0.00	107.38	107.38
31-420 · Textbooks	0.00	705.68	75.70	781.38
<b>Total 1131 · High School</b>	0.00	1,786.54	1,596.88	3,383.42
<b>200 · ODE Grant Expenses</b>				

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10/05/16

Accrual Basis

**Bridge Educational Foundation**  
**Profit & Loss**  
 July through September 2016

	Jul 16	Aug 16	Sep 16	TOTAL
<b>2210 · ODE Grant Expenses</b>				
410 · Supplies	0.00	0.00	18,108.60	18,108.60
420 · Curriculum	0.00	5,164.54	7,275.00	12,439.54
460 · Non-Consumables	0.00	824.87	0.00	824.87
470 · Software	0.00	0.00	6,758.20	6,758.20
480 · Computer Hardware	0.00	0.00	13,076.00	13,076.00
<b>Total 2210 · ODE Grant Expenses</b>	<b>0.00</b>	<b>5,989.41</b>	<b>45,217.80</b>	<b>51,207.21</b>
<b>Total 200 · ODE Grant Expenses</b>	<b>0.00</b>	<b>5,989.41</b>	<b>45,217.80</b>	<b>51,207.21</b>
<b>2310 · Board of Education</b>				
10-651 · Liability Insurance	0.00	6,240.00	0.00	6,240.00
<b>Total 2310 · Board of Education</b>	<b>0.00</b>	<b>6,240.00</b>	<b>0.00</b>	<b>6,240.00</b>
<b>2321 · Executive Administration</b>				
23-113 · Administrative Salaries	6,250.00	6,250.00	6,250.00	18,750.00
23- 211 · PERS	1,477.50	1,477.50	1,477.56	4,432.56
23- 220 · FICA	478.13	478.12	478.13	1,434.38
23- 231 · Workers' Compensation	2.72	65.22	65.49	133.43
23- 232 · Unemployment Insurance	162.50	162.50	162.50	487.50
23- 241 · Health Insurance	0.00	872.65	1,172.65	2,045.30
23-340 · Travel & Meals	0.00	568.83	342.32	911.15
23-353 · Postage	0.00	47.00	0.00	47.00
23-354 · Advertising	0.00	457.89	0.00	457.89
23- 410 · Supplies	0.00	443.12	688.16	1,131.28
23-460 · Non-Consumables	0.00	318.92	6,458.75	6,777.67
23-640 · Dues & Fees	0.00	768.00	314.00	1,082.00
<b>Total 2321 · Executive Administration</b>	<b>8,370.85</b>	<b>11,909.75</b>	<b>17,409.56</b>	<b>37,690.16</b>
<b>2520 · Fiscal Services</b>				
20-389 · Other Professional Services	1,666.67	1,666.67	1,666.67	5,000.01
20-640 · Dues & Fees	0.00	10.00	0.00	10.00
<b>Total 2520 · Fiscal Services</b>	<b>1,666.67</b>	<b>1,676.67</b>	<b>1,666.67</b>	<b>5,010.01</b>
<b>2542 · Building Maintenance</b>				
42-321 · Cleaning Services	0.00	0.00	214.74	214.74
42-322 · Repair & Maintenance	0.00	4,145.44	3,650.10	7,795.54
42-325 · Electricity	0.00	255.29	763.75	1,019.04
42-351 · Telephone	0.00	0.00	100.00	100.00
42-410 · Supplies	0.00	42.62	133.76	176.38
42-460 · Non-Consumables	0.00	39.98	230.12	270.10
<b>Total 2542 · Building Maintenance</b>	<b>0.00</b>	<b>4,483.33</b>	<b>5,092.47</b>	<b>9,575.80</b>
<b>2661 · Technology Services</b>				
61-310 · Instr. Prof & Tech Svcs	0.00	0.00	1,832.50	1,832.50

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Accrual Basis

**Bridge Educational Foundation**  
**Profit & Loss**  
 July through September 2016

	Jul 16	Aug 16	Sep 16	TOTAL
61-359 · Communication Services	0.00	159.99	37.33	197.32
61-460 · Non-Consumable Items	0.00	487.58	208.70	696.28
61-470 · Computer Software	0.00	143.88	0.00	143.88
61-480 · Computer Hardware	0.00	418.70	541.02	959.72
<b>Total 2661 · Technology Services</b>	<b>0.00</b>	<b>1,210.15</b>	<b>2,619.55</b>	<b>3,829.70</b>
<b>3500 · Custody &amp; Care of Children</b>				
00-112 · Wages	0.00	0.00	790.00	790.00
00-220 · Fica	0.00	0.00	60.44	60.44
00-231 · Workers Comp.	0.00	0.00	9.25	9.25
00-232 · Unemployment Insurance	0.00	0.00	20.54	20.54
00-410 · Supplies	0.00	0.00	55.87	55.87
<b>Total 3500 · Custody &amp; Care of Children</b>	<b>0.00</b>	<b>0.00</b>	<b>936.10</b>	<b>936.10</b>
<b>66000 · Payroll Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Expense</b>	<b>10,037.52</b>	<b>50,630.36</b>	<b>92,911.36</b>	<b>153,579.24</b>
<b>Net Income</b>	<b>36,908.48</b>	<b>163,342.64</b>	<b>-92,911.36</b>	<b>107,339.76</b>



**Bridge Educational Foundation**  
**Balance Sheet**  
**As of September 30, 2016**

	Sep 30, 16
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
101 · Checking - Banner Bank	113,097.85
Total Checking/Savings	113,097.85
Total Current Assets	113,097.85
<b>TOTAL ASSETS</b>	<b>113,097.85</b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Other Current Liabilities	
24000 · Payroll Liabilities	
471.002 · OR Withholding	983.00
471.005 · WBF Payable	55.02
473.004 · Workers' Comp	-87.19
473-005 · Oregon Unemployment	1,066.54
24000 · Payroll Liabilities - Other	3,740.72
Total 24000 · Payroll Liabilities	5,758.09
Total Other Current Liabilities	5,758.09
Total Current Liabilities	5,758.09
Total Liabilities	5,758.09
Equity	
Net Income	107,339.76
Total Equity	107,339.76
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>113,097.85</b>

**Lowell School District #71**  
**2016-17 General Fund Financial Summary**  
**September 30, 2016**

	<b>Budget</b>	<b>Actual: Jul-Sep</b>	<b>Projected: Oct-Jun</b>	<b>Projected for Year</b>	<b>Budget Variance</b>	
					<b>\$</b>	<b>%</b>
<b>Resources</b>						
State School Fund	5,328,000	1,779,278	2,794,561	4,573,839	(754,161)	-14.2% (1)
Property Tax	994,900	2,410	991,700	994,110	(790)	-0.1%
Services to Charter Schools	72,500	8,333	64,165	72,498	(2)	0.0%
Miscellaneous/Local Revenues	51,000	10,007	41,891	51,898	898	1.8%
Common School Funds	36,000	-	69,000	69,000	33,000	91.7% (2)
Rent	36,900	5,190	32,436	37,626	726	2.0%
High Cost Disability Grant	20,000	-	20,000	20,000	-	0.0%
Small High School Grant	15,000	-	15,000	15,000	-	0.0%
County School Funds	5,000	-	5,000	5,000	-	0.0%
<b>Total Revenues</b>	<b>6,559,300</b>	<b>1,805,218</b>	<b>4,033,753</b>	<b>5,838,971</b>	<b>(720,329)</b>	<b>-11.0%</b>
Beginning Fund Balance	157,000	90,000	-	90,000	(67,000)	-42.7%
<b>Total Resources</b>	<b>6,716,300</b>	<b>1,895,218</b>	<b>4,033,753</b>	<b>5,928,971</b>	<b>(787,329)</b>	<b>-11.7%</b>

**Requirements**

Salaries	1,718,954	300,855	1,437,742	1,738,597	19,643	1.1%
Benefits	1,025,729	160,947	845,414	1,006,361	(19,368)	-1.9%
Purchased Services	430,400	102,282	356,413	458,695	28,295	6.6% (3)
Supplies and Materials	236,650	88,233	153,375	241,608	4,958	2.1%
Capital Outlay	16,000	14,858	49,500	64,358	48,358	302.2% (3)
Other	102,616	85,876	22,800	108,676	6,060	5.9%
Charter School Payments-MVA	676,000	187,427	569,146	756,573	80,573	11.9%
Charter School Payments-BCA	1,723,000	260,919	504,571	765,490	(957,510)	-55.6% (4)
Transfer to Food Service Fund	10,000	-	10,000	10,000	-	0.0%
Transfer to Capital Projects Fund	242,572	-	-	-	(242,572)	-100.0% (4)
Transfer to Athletics Fund	95,000	-	95,000	95,000	-	0.0%
Transfer to Bus Replacement Fund	15,000	-	15,000	15,000	-	0.0%
Transfer to Debt Service Fund	188,000	-	195,531	195,531	7,531	4.0%
<b>Total Expenditures</b>	<b>6,479,921</b>	<b>1,201,397</b>	<b>4,254,493</b>	<b>5,455,890</b>	<b>(1,024,031)</b>	<b>-15.8%</b>
Contingency/Carryover	236,379	-	-	473,082	236,703	100.1%
<b>Total Requirements</b>	<b>6,716,300</b>	<b>1,201,397</b>	<b>4,254,493</b>	<b>5,928,971</b>	<b>(787,329)</b>	<b>-11.7%</b>

2016-17 Operating excess/(deficit)	79,379	383,082
Contingency/Ending Fund Balance	3.6%	8.1%

(1) Based on the following ADMr estimates: District-323, MVA-132, BCA-133 (BCA budgeted at 300)

(2) Increased distribution per the State Land Board.

(3) Includes LHS sign, announcer's booth sheetrock, wrestling room ramp, fencing for BCA, transportation & Lundy, underground fiber for transportation.

(4) Fewer students than budgeted for BCA.

## LOWELL ACTIVITY FUND 2016-17

As of September 30, 2016

AP ACTIVITIES	515.44
ASB	1,118.70
ATHLETICS	134.80
BASEBALL	4.68
BOYS BASKETBALL	344.38
CLASS OF 2015	558.93
COMMUNITY ASSISTANCE FUND	413.19
CURRICULUM AND MATERIALS	1,875.03
DANCE CLUB	438.75
EDGERTON AROUND THE WORLD	6.70
FOOTBALL	4,536.19
FUNDRAISING OPERATIONS	1,699.81
FUTURE FARMERS OF AMERICA	998.50
GIRLS BASKETBALL	1,985.91
HONOR SOCIETY	455.43
JH SPORTS	1,679.33
JH STUDENT BODY	1,583.70
K-12 ASSEMBLIES	-98.70
LHS DRAMA	1,939.89
LIBRARY FUND	574.28
LUNDY CLOTHES CLOSET	623.89
LUNDY ELEMENTARY	-121.57
MUSIC	727.68
NEXUS WOODWORKING	5,373.46
PARENT TEACHER ORG. (PTO)	5,009.74
PLAYGROUND SUPPLIES	128.10
SCIENCE DEPARTMENT	108.78
SENIOR TRIP	-241.38
SOFTBALL	381.31
TAG	391.23
TRACK	734.03
U of O cleanup-Academics	1,144.00
VOLLEYBALL	1,199.19
WEIGHT ROOM EQUIPMENT	77.72
WOODSHOP	1,634.06
WRESTLING	4,299.89
YEARBOOK LHS	52.85
Total BANNER BANK	42,287.92